

## **APPENDIX I**

### **WEP FACILITY MAPS, DRAWINGS, AND TABLES**

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- Appendix I1: WEP Facility Location Maps
- Appendix I2: Pipeline Construction Right-of-way Cross Sections and Configuration Table
- Appendix I3: Pipeline Route Minor Variations
- Appendix I4: Additional Temporary Workspace for the Pipeline Route
- Appendix I5: Table of Access Roads
- Appendix I6: Site-specific Residential Construction Plans; Table of Residences within 50 Feet of WEP Construction Right-of-way and ATWS; Site-specific School Construction Plans
- Appendix I7: Utilities Crossed
- Appendix I8: Major Roads and Railroads Crossed



## **APPENDIX I1**

### **WEP FACILITY LOCATION MAPS**

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| REFERENCE DRAWINGS |           |    |             |          |      |      | WASHINGTON EXPANSION PROJECT                            |                 |                          |                               |
|--------------------|-----------|----|-------------|----------|------|------|---|-----------------|--------------------------|-------------------------------|
| DRAWING NO.        | TITLE     |    |             |          |      |      |   |                 |                          |                               |
|                    |           |    |             |          |      |      | Pipe Yard Locations<br>CLARK COUNTY<br>T3N, R2E, Sec. 5 |                 |                          |                               |
| REVISIONS          |           |    |             |          |      |      | DRAWN BY: MC  | DATE: 5/17/2013 | ISSUED FOR BID:          | SCALE: 1"=1000'               |
| NO.                | DATE      | BY | DESCRIPTION | W.O. NO. | CHK. | APP. | CHECKED BY:   | DATE:           | ISSUED FOR CONSTRUCTION: |                               |
| 01                 | 5/15/2013 | MC |             |          |      |      | APPROVED BY:  | DATE:           | DRAWING NUMBER:          |                               |
|                    |           |    |             |          |      |      |   |                 |                          | SHEET<br><b>1</b> OF <b>4</b> |



Fredrickson Pipe Yard 13.87 Acres

192nd St E

38th Ave E

Source: Esri, DigitalGlobe, GeoEye, I-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, and the GIS User Community

| REFERENCE DRAWINGS |           |    |             |          |      |      | WASHINGTON EXPANSION PROJECT                              |                 |                          |                               |
|--------------------|-----------|----|-------------|----------|------|------|---|-----------------|--------------------------|-------------------------------|
| DRAWING NO.        | TITLE     |    |             |          |      |      |   |                 |                          |                               |
|                    |           |    |             |          |      |      | Pipe Yard Locations<br>PIERCE COUNTY<br>T19N, R3E, Sec 36 |                 |                          |                               |
|                    |           |    |             |          |      |      |   |                 |                          |                               |
| REVISIONS          |           |    |             |          |      |      | DRAWN BY: MC  | DATE: 5/17/2013 | ISSUED FOR BID:          | SCALE: 1"=1000'               |
| NO.                | DATE      | BY | DESCRIPTION | W.O. NO. | CHK. | APP. | CHECKED BY:   | DATE:           | ISSUED FOR CONSTRUCTION: |                               |
| 01                 | 5/15/2013 | MC |             |          |      |      | APPROVED BY:  | DATE:           | DRAWING NUMBER:          |                               |
|                    |           |    |             |          |      |      |   |                 |                          | SHEET<br><b>2</b> OF <b>4</b> |



Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, and the GIS User Community

| REFERENCE DRAWINGS |           |    |             |          |      |      | WASHINGTON EXPANSION PROJECT                             |                 |                          |                               |
|--------------------|-----------|----|-------------|----------|------|------|--|-----------------|--------------------------|-------------------------------|
| DRAWING NO.        | TITLE     |    |             |          |      |      |  |                 |                          |                               |
|                    |           |    |             |          |      |      | Pipe Yard Locations<br>KING COUNTY<br>T25N, R6E, Sec. 22 |                 |                          |                               |
| REVISIONS          |           |    |             |          |      |      | DRAWN BY: MC   | DATE: 5/17/2013 | ISSUED FOR BID:          | SCALE: 1"=1000'               |
| NO.                | DATE      | BY | DESCRIPTION | W.O. NO. | CHK. | APP. | CHECKED BY:  | DATE:           | ISSUED FOR CONSTRUCTION: |                               |
| 01                 | 5/15/2013 | MC |             |          |      |      | APPROVED BY:   | DATE:           | DRAWING NUMBER:          |                               |
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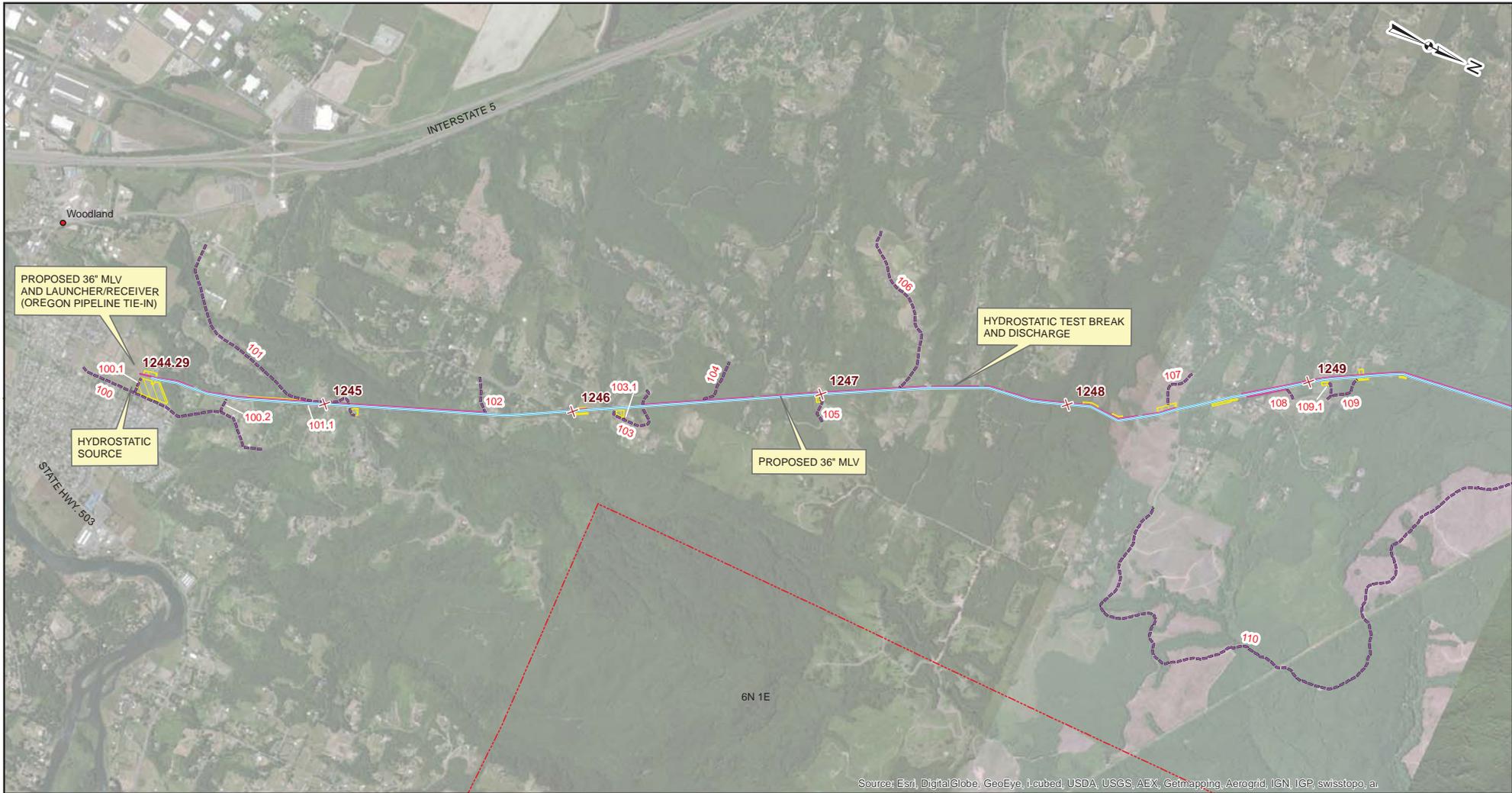


| REFERENCE DRAWINGS |       |
|--------------------|-------|
| DRAWING NO.        | TITLE |
|                    |       |

**WASHINGTON EXPANSION PROJECT**  
  
**Pipe Yard Locations**  
**WHATCOM COUNTY**  
**T41N, R4E, Sec. 34**

| REVISIONS |           |    |             |          |           |
|-----------|-----------|----|-------------|----------|-----------|
| NO.       | DATE      | BY | DESCRIPTION | W.O. NO. | CHK. APP. |
| 01        | 5/15/2013 | MC |             |          |           |

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| APPROVED BY: | DATE:           | DRAWING NUMBER:          |                 |



**Legend**

- New Pipeline Segment
- × Mileposts
- - - Existing Access Road
- Temporary Construction ROW
- Temporary Extra Work Space
- Township & Range Line
- Cities

NOTES:

0 1,000 2,000 4,000  
Feet



**WASHINGTON EXPANSION  
PROJECT SITE LOCATION MAPS  
WOODLAND MP 1244.29 TO 1289.54  
COWLITZ AND LEWIS  
COUNTIES, WASHINGTON**

|                |                |                          |                   |
|----------------|----------------|--------------------------|-------------------|
| DRAWN BY: MC   | DATE: 5/6/2014 | ISSUED FOR BID:          | SCALE: 1" = 2000' |
| CHECKED BY: MD | DATE:          | ISSUED FOR CONSTRUCTION: |                   |
| APPROVED BY:   |                | DRAWING NUMBER: 1A - 1   | SHEET 1 OF 8      |



Sources: Esri, DigitalGlobe, GeoEye, I-satellite, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swiss.

**Legend**

- New Pipeline Segment
- × Mileposts
- - - Existing Access Road
- ▨ Temporary Construction ROW
- ▨ Temporary Extra Work Space
- - - Township & Range Line
- Cities

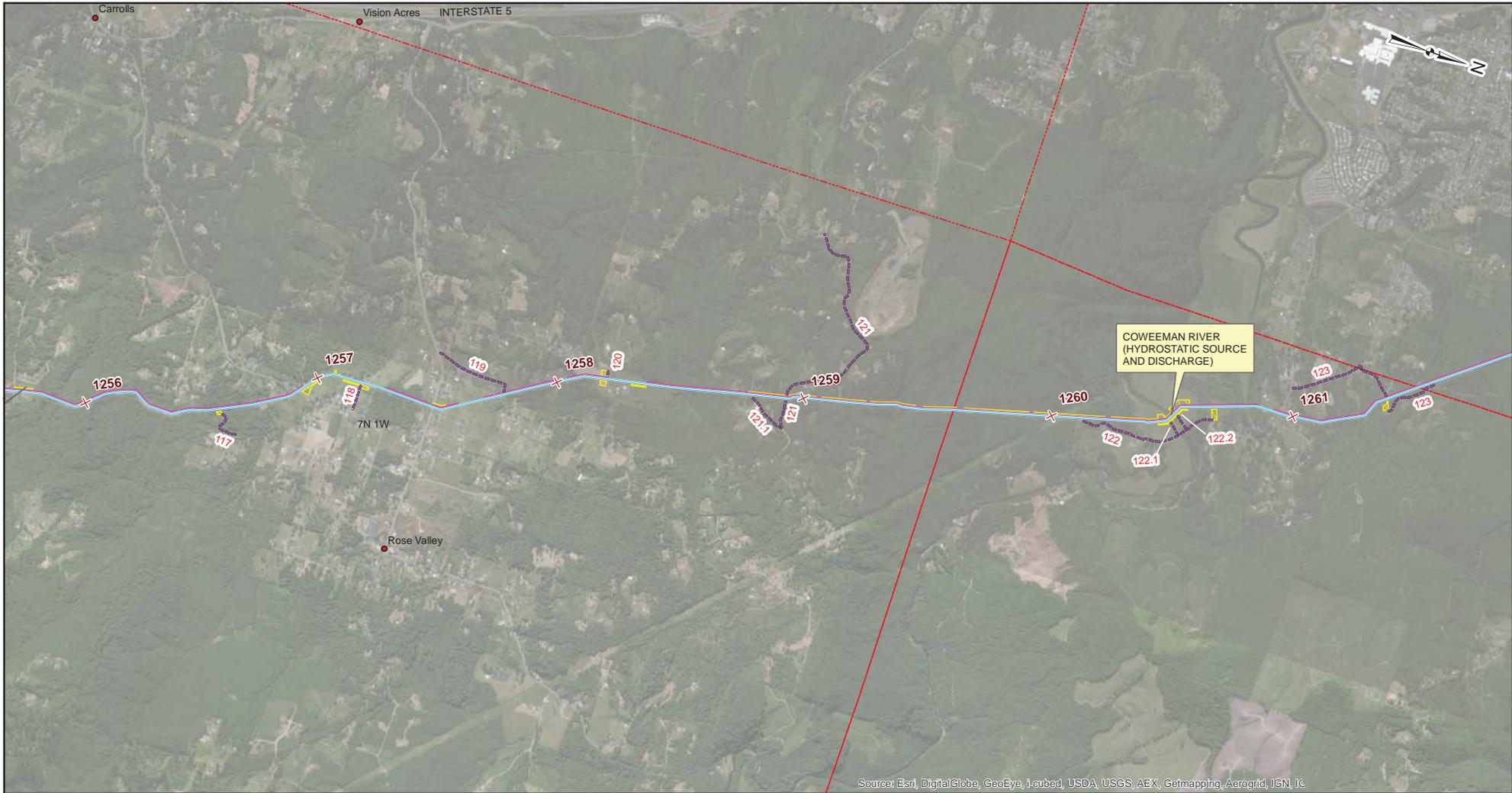
NOTES:

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**WASHINGTON EXPANSION  
 PROJECT SITE LOCATION MAPS  
 WOODLAND MP 1244.29 TO 1289.54  
 COWLITZ AND LEWIS  
 COUNTIES, WASHINGTON**

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| CHECKED BY: MD | DATE:          | ISSUED FOR CONSTRUCTION: |                   |
| APPROVED BY:   |                | DRAWING NUMBER: 1A - 2   | SHEET 2 OF 8      |



Sources: Esri, DigitalGlobe, GeoEye, I-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGC

**Legend**

- New Pipeline Segment
- × Mileposts
- Existing Access Road
- ▨ Temporary Construction ROW
- ▨ Temporary Extra Work Space
- ▭ Township & Range Line
- Cities

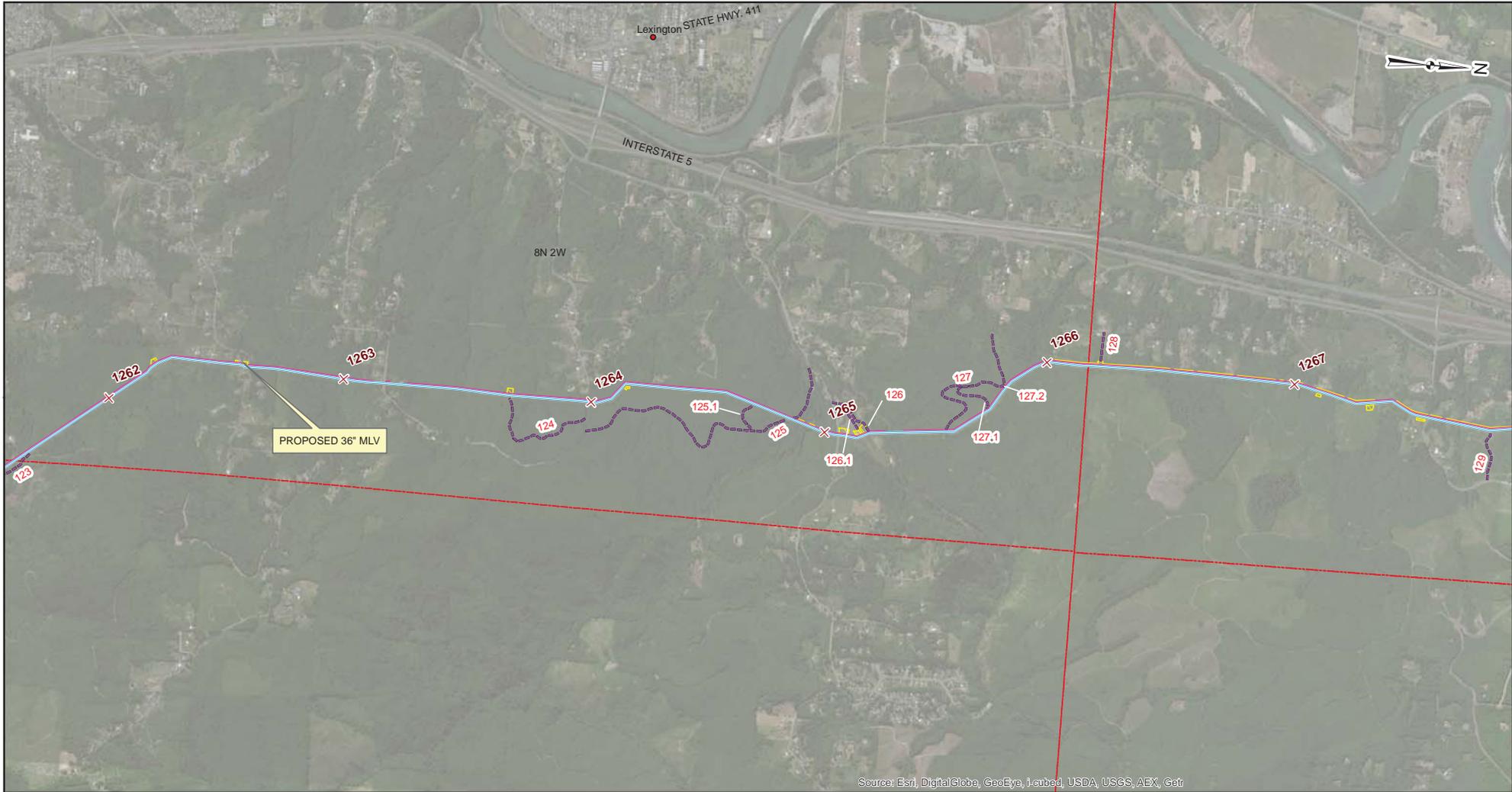
NOTES:

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**WASHINGTON EXPANSION  
PROJECT SITE LOCATION MAPS  
WOODLAND MP 1244.29 TO 1289.54  
COWLITZ AND LEWIS  
COUNTIES, WASHINGTON**

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| DRAWN BY: MC   | DATE: 5/6/2014 | ISSUED FOR BID:          | SCALE: 1" = 2000' |
| CHECKED BY: MD | DATE:          | ISSUED FOR CONSTRUCTION: |                   |
| APPROVED BY:   |                | DRAWING NUMBER: 1A - 3   | SHEET 3 OF 8      |



Source: Esri, DigitalGlobe, GeoEye, I-cubed, USDA, USGS, AEX, Get

**Legend**

- New Pipeline Segment
- × Mileposts
- - - Existing Access Road
- ▨ Temporary Construction ROW
- ▨ Temporary Extra Work Space
- ▭ Township & Range Line
- Cities

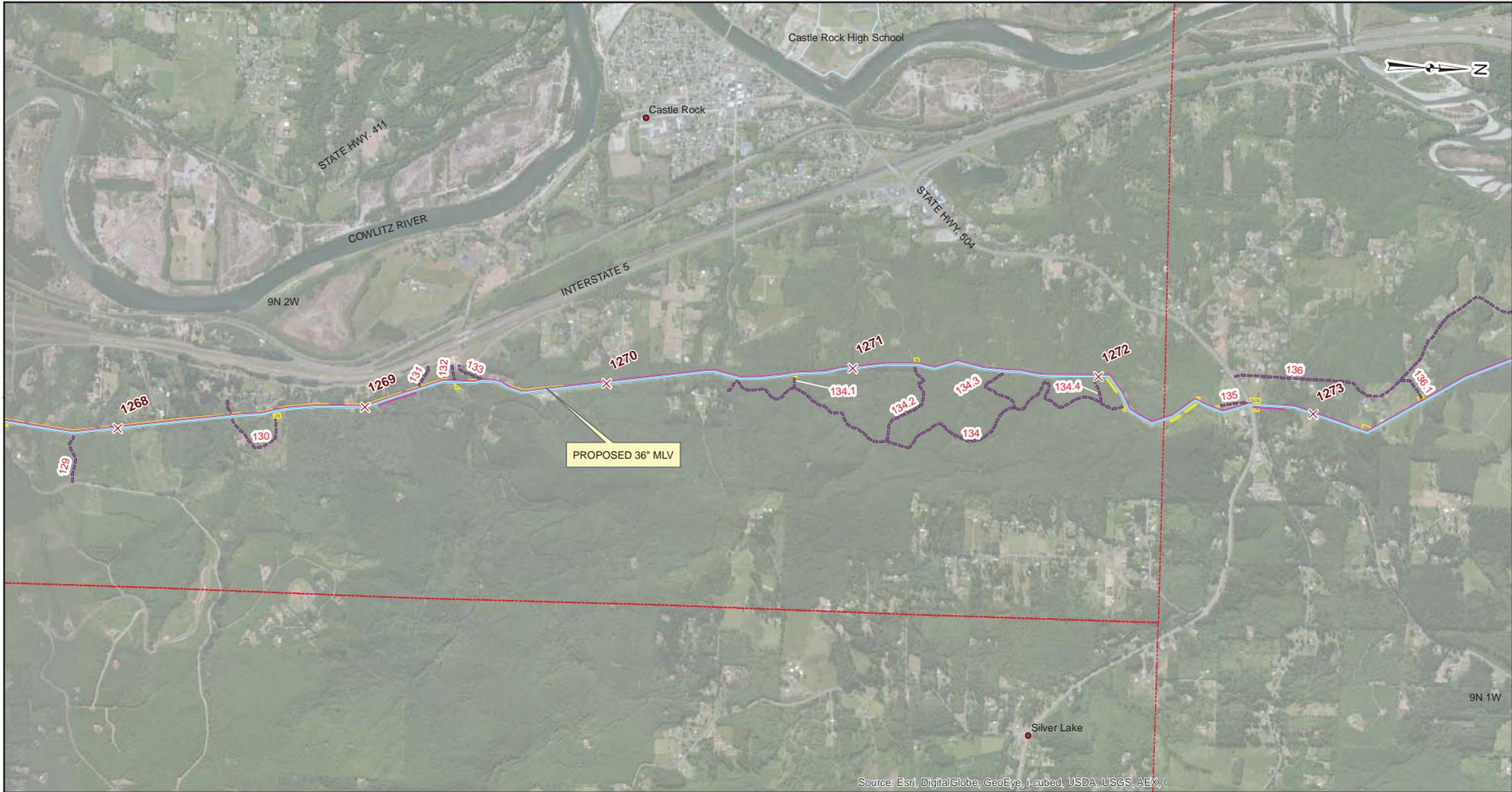
NOTES:

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**WASHINGTON EXPANSION  
PROJECT SITE LOCATION MAPS  
WOODLAND MP 1244.29 TO 1289.54  
COWLITZ AND LEWIS  
COUNTIES, WASHINGTON**

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| DRAWN BY: MC   | DATE: 5/6/2014 | ISSUED FOR BID:          | SCALE: 1" = 2000' |
| CHECKED BY: MD | DATE:          | ISSUED FOR CONSTRUCTION: |                   |
| APPROVED BY:   |                | DRAWING NUMBER: 1A - 4   | SHEET 4 OF 8      |



Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, C

**Legend**

- New Pipeline Segment
- × Mileposts
- Existing Access Road
- ▨ Temporary Construction ROW
- ▨ Temporary Extra Work Space
- Township & Range Line
- Cities

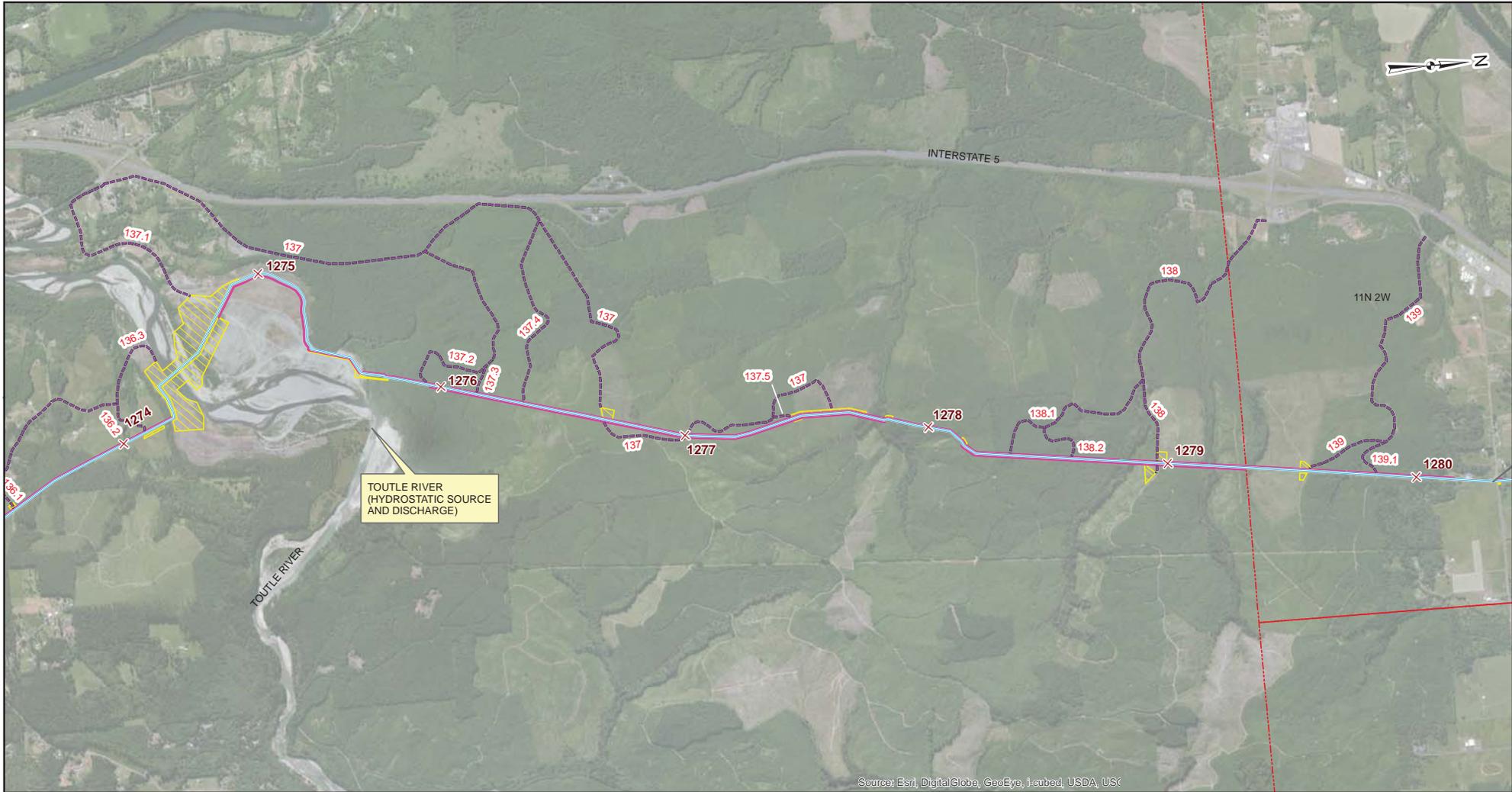
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**WASHINGTON EXPANSION  
PROJECT SITE LOCATION MAPS  
WOODLAND MP 1244.29 TO 1289.54  
COWLITZ AND LEWIS  
COUNTIES, WASHINGTON**

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| DRAWN BY: MC   | DATE: 5/6/2014 | ISSUED FOR BID:          | SCALE: 1" = 2000' |
| CHECKED BY: MD | DATE:          | ISSUED FOR CONSTRUCTION: |                   |
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**Legend**

- New Pipeline Segment
- ✕ Mileposts
- Existing Access Road
- ▨ Temporary Construction ROW
- ▨ Temporary Extra Work Space
- ▨ Township & Range Line
- Cities

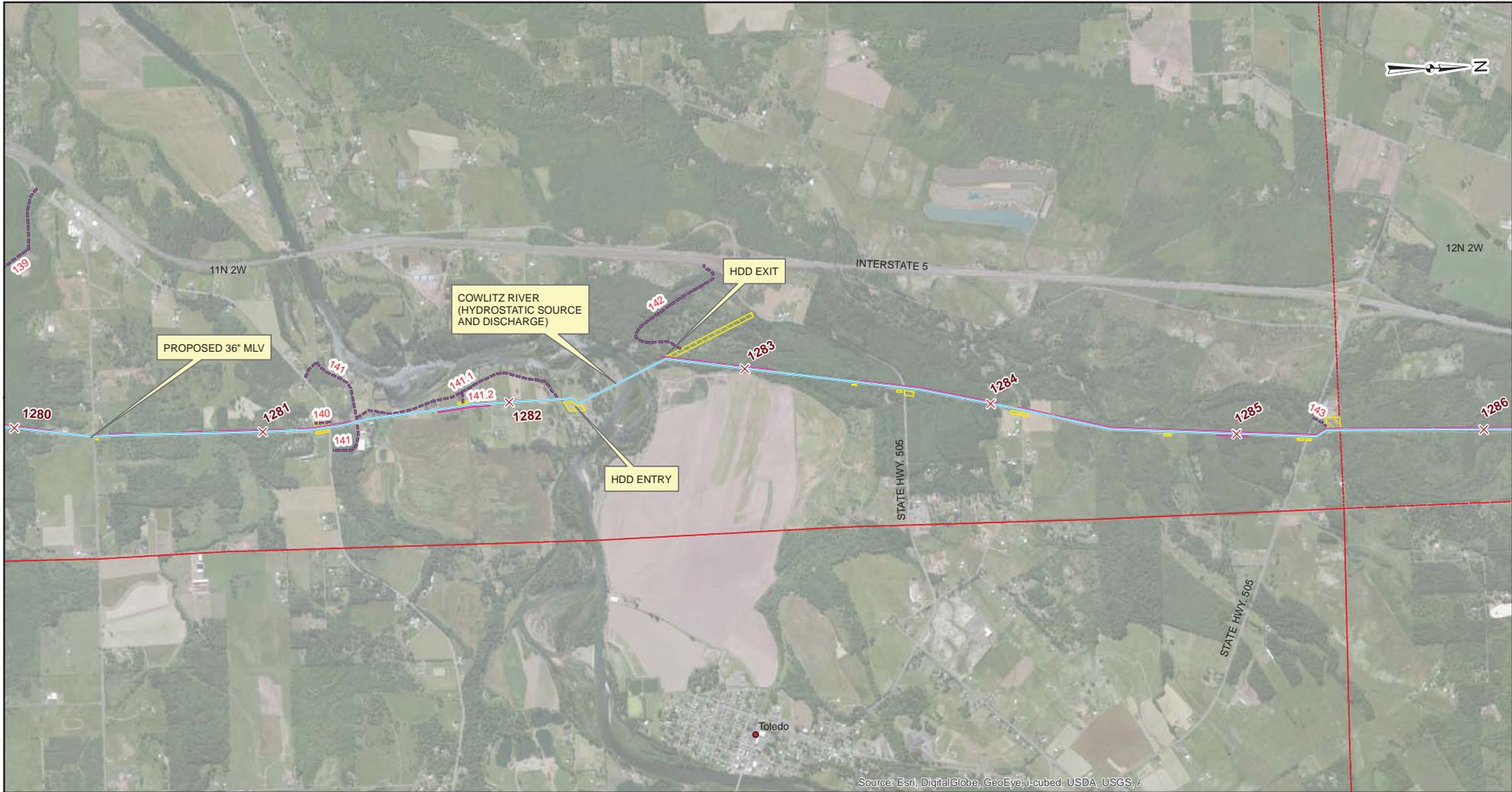
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**WASHINGTON EXPANSION  
PROJECT SITE LOCATION MAPS  
WOODLAND MP 1244.29 TO 1289.54  
COWLITZ AND LEWIS  
COUNTIES, WASHINGTON**

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| DRAWN BY: MC   | DATE: 5/6/2014 | ISSUED FOR BID:          | SCALE: 1" = 2000' |
| CHECKED BY: MD | DATE:          | ISSUED FOR CONSTRUCTION: |                   |
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**Legend**

- New Pipeline Segment
- ✕ Mileposts
- - - Existing Access Road
- ▨ Temporary Construction ROW
- ▨ Temporary Extra Work Space
- ▨ Township & Range Line
- Cities

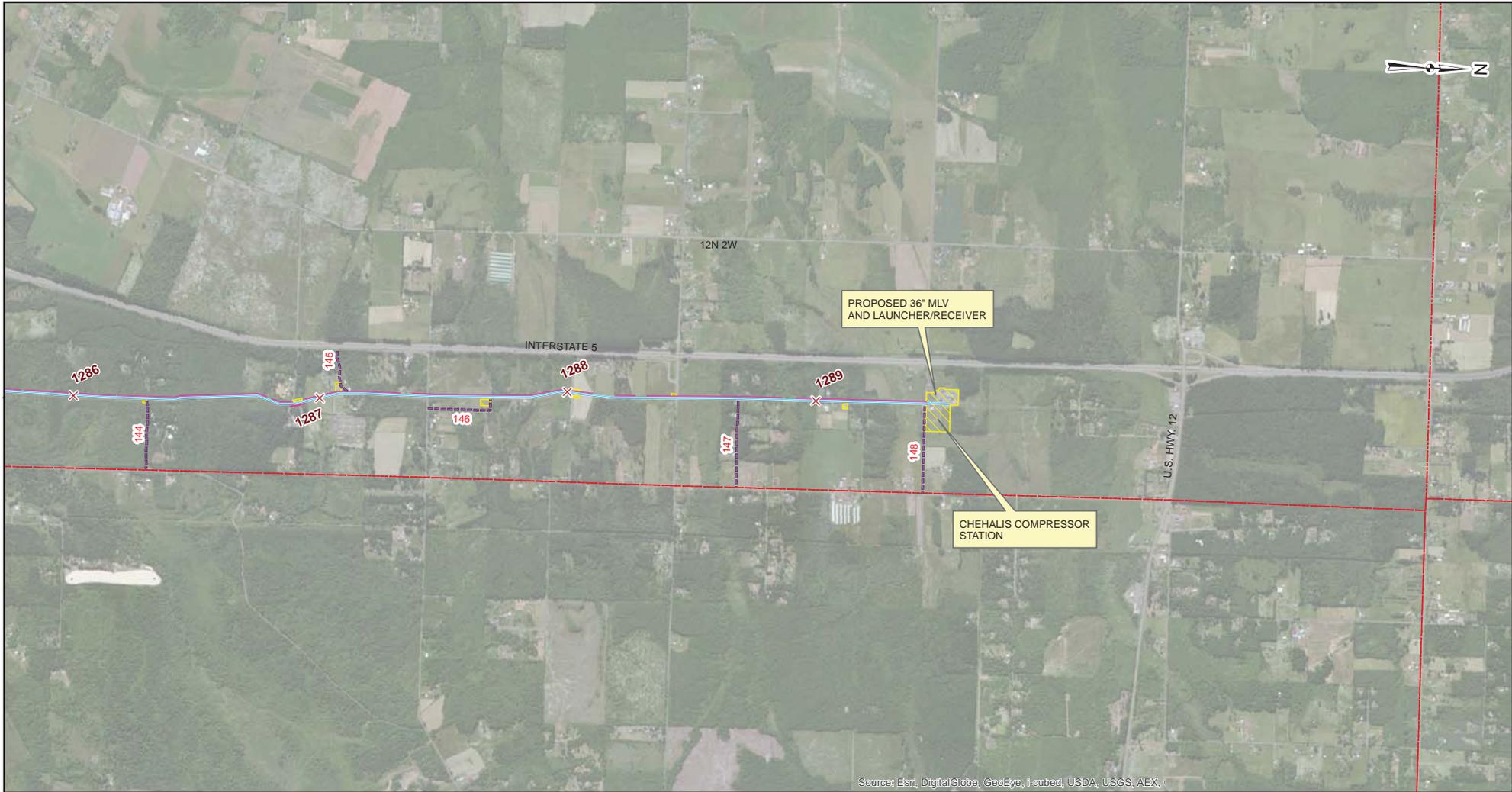
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**WASHINGTON EXPANSION  
 PROJECT SITE LOCATION MAPS  
 WOODLAND MP 1244.29 TO 1289.54  
 COWLITZ AND LEWIS  
 COUNTIES, WASHINGTON**

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| DRAWN BY: MC   | DATE: 5/6/2014 | ISSUED FOR BID:          | SCALE: 1" = 2000' |
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| APPROVED BY:   |                | DRAWING NUMBER: 1A - 7   | SHEET 7 OF 8      |



Source: Esri, DigitalGlobe, GeoEye, I-cubed, USDA, USGS, AEX,

**Legend**

- New Pipeline Segment
- × Mileposts
- Existing Access Road
- Temporary Construction ROW
- Temporary Extra Work Space
- Township & Range Line
- Cities

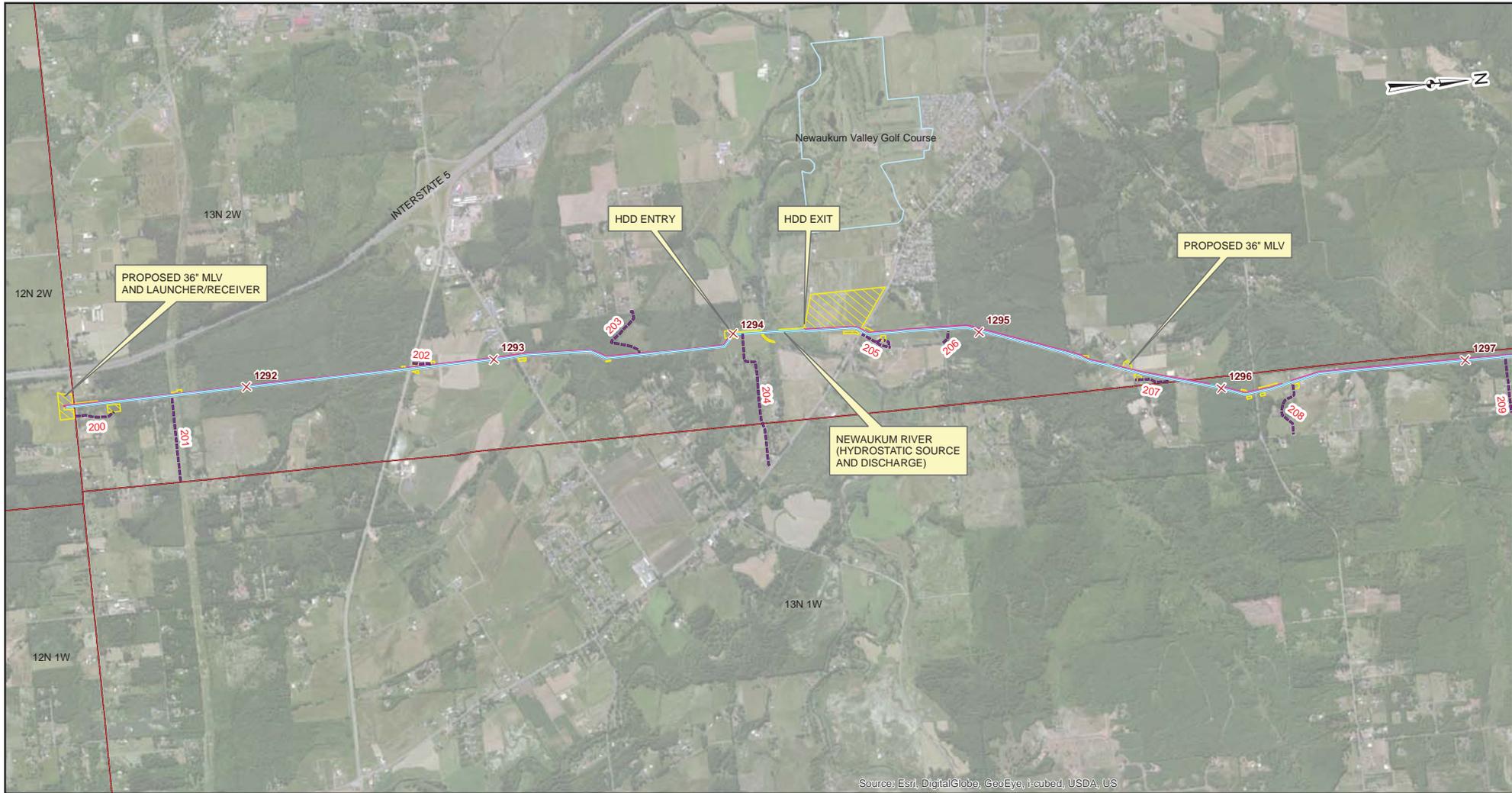
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**WASHINGTON EXPANSION  
PROJECT SITE LOCATION MAPS  
WOODLAND MP 1244.29 TO 1289.54  
COWLITZ AND LEWIS  
COUNTIES, WASHINGTON**

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|----------------|----------------|--------------------------|-------------------|
| DRAWN BY: MC   | DATE: 5/6/2014 | ISSUED FOR BID:          | SCALE: 1" = 2000' |
| CHECKED BY: MD | DATE:          | ISSUED FOR CONSTRUCTION: |                   |
| APPROVED BY:   |                | DRAWING NUMBER: 1A - 8   | SHEET 8 OF 8      |



Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, US

**Legend**

- New Pipeline Segment
- × Mileposts
- Existing Access Road
- Temporary Construction ROW
- Temporary Extra Work Space
- Township & Range Line
- Cities

NOTES:

0 1,000 2,000 4,000  
Feet



**WASHINGTON EXPANSION  
PROJECT SITE LOCATION MAPS  
CHEHALIS MP 1291.27 TO 1315.62  
LEWIS COUNTY, WASHINGTON**

|                |                |                          |                   |
|----------------|----------------|--------------------------|-------------------|
| DRAWN BY: MC   | DATE: 5/6/2014 | ISSUED FOR BID:          | SCALE: 1" = 2000' |
| CHECKED BY: MD | DATE:          | ISSUED FOR CONSTRUCTION: |                   |
| APPROVED BY:   |                | DRAWING NUMBER: 1A - 9   | SHEET 1 OF 4      |



**Legend**

- New Pipeline Segment
- ✕ Mileposts
- - - Existing Access Road
- Temporary Construction ROW
- Temporary Extra Work Space
- Township & Range Line
- Cities

NOTES:

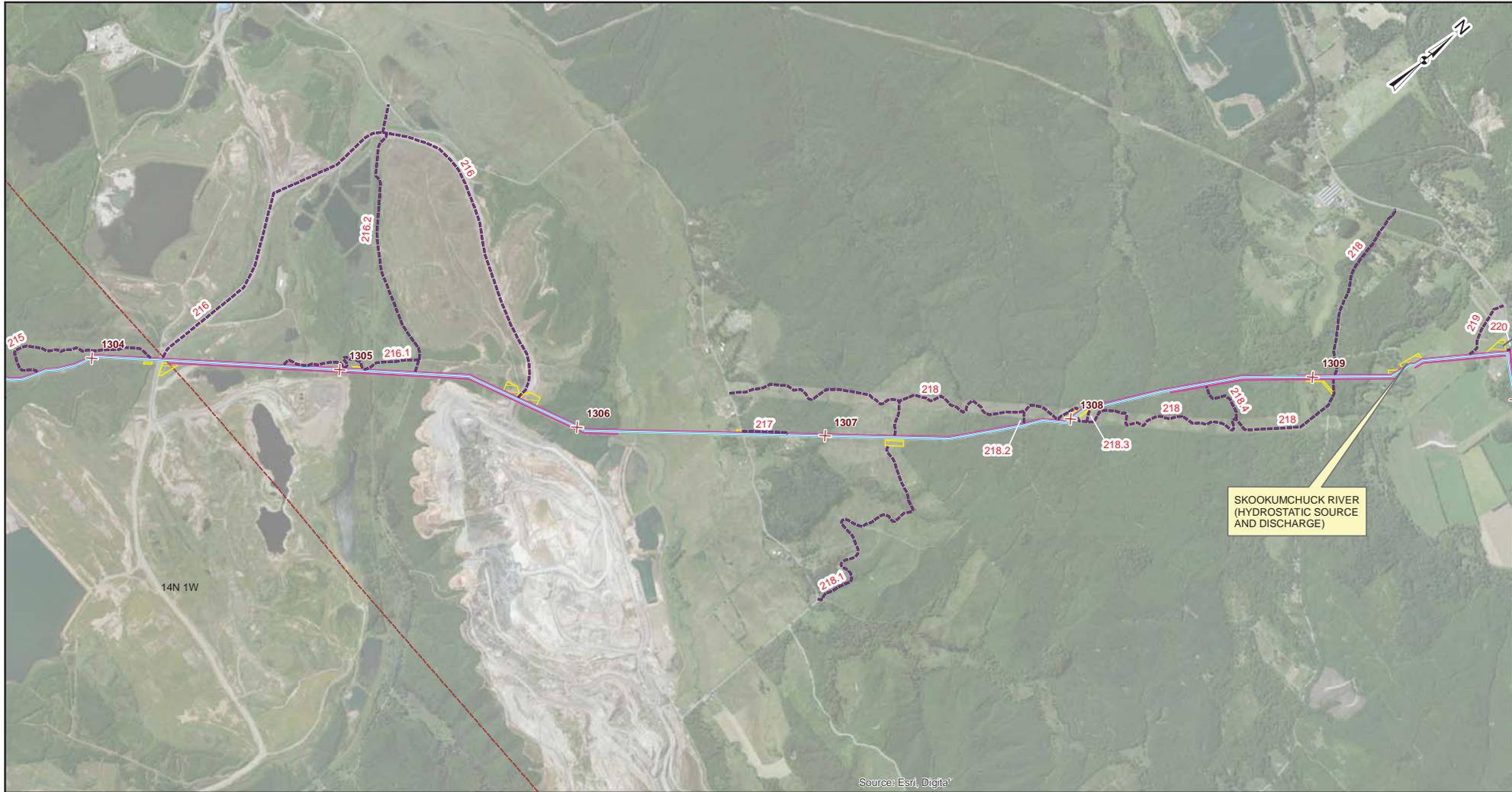
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**WASHINGTON EXPANSION  
PROJECT SITE LOCATION MAPS  
CHEHALIS MP 1291.27 TO 1315.62  
LEWIS COUNTY, WASHINGTON**

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| DRAWN BY: MC   | DATE: 5/6/2014 | ISSUED FOR BID:          | SCALE: 1" = 2000' |
| CHECKED BY: MD | DATE:          | ISSUED FOR CONSTRUCTION: |                   |
| APPROVED BY:   |                | DRAWING NUMBER: 1A - 10  | SHEET 2 OF 4      |



**Legend**

- New Pipeline Segment
- × Mileposts
- Existing Access Road
- ▨ Temporary Construction ROW
- ▨ Temporary Extra Work Space
- ▭ Township & Range Line
- Cities

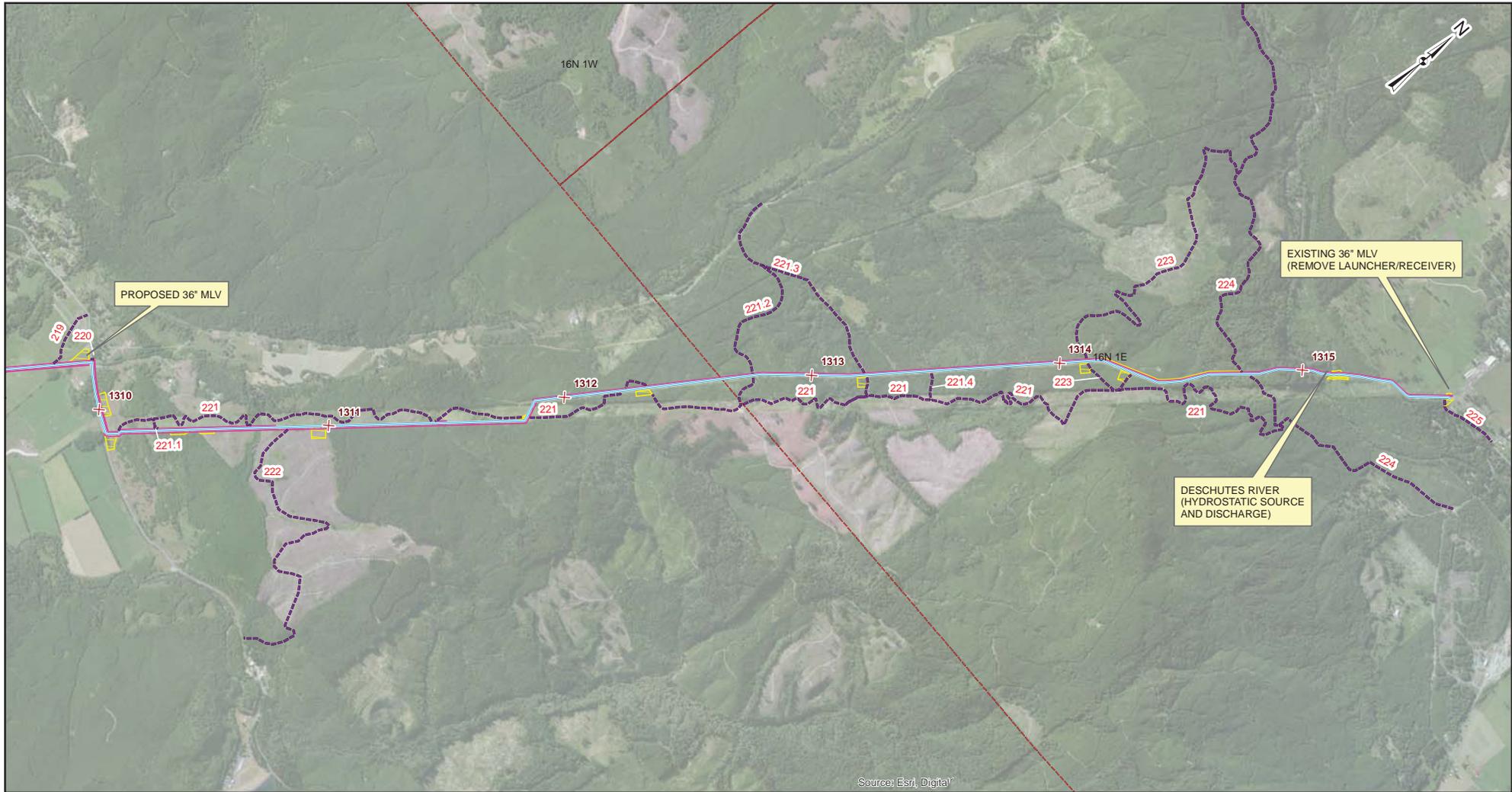
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**WASHINGTON EXPANSION  
PROJECT SITE LOCATION MAPS  
CHEHALIS MP 1291.27 TO 1315.62  
LEWIS COUNTY, WASHINGTON**

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| DRAWN BY: MC   | DATE: 5/6/2014 | ISSUED FOR BID:          | SCALE: 1" = 2000' |
| CHECKED BY: MD | DATE:          | ISSUED FOR CONSTRUCTION: |                   |
| APPROVED BY:   |                | DRAWING NUMBER: 1A - 11  | SHEET 3 OF 4      |



**Legend**

- New Pipeline Segment
- × Mileposts
- - - Existing Access Road
- Temporary Construction ROW
- Temporary Extra Work Space
- Township & Range Line
- Cities

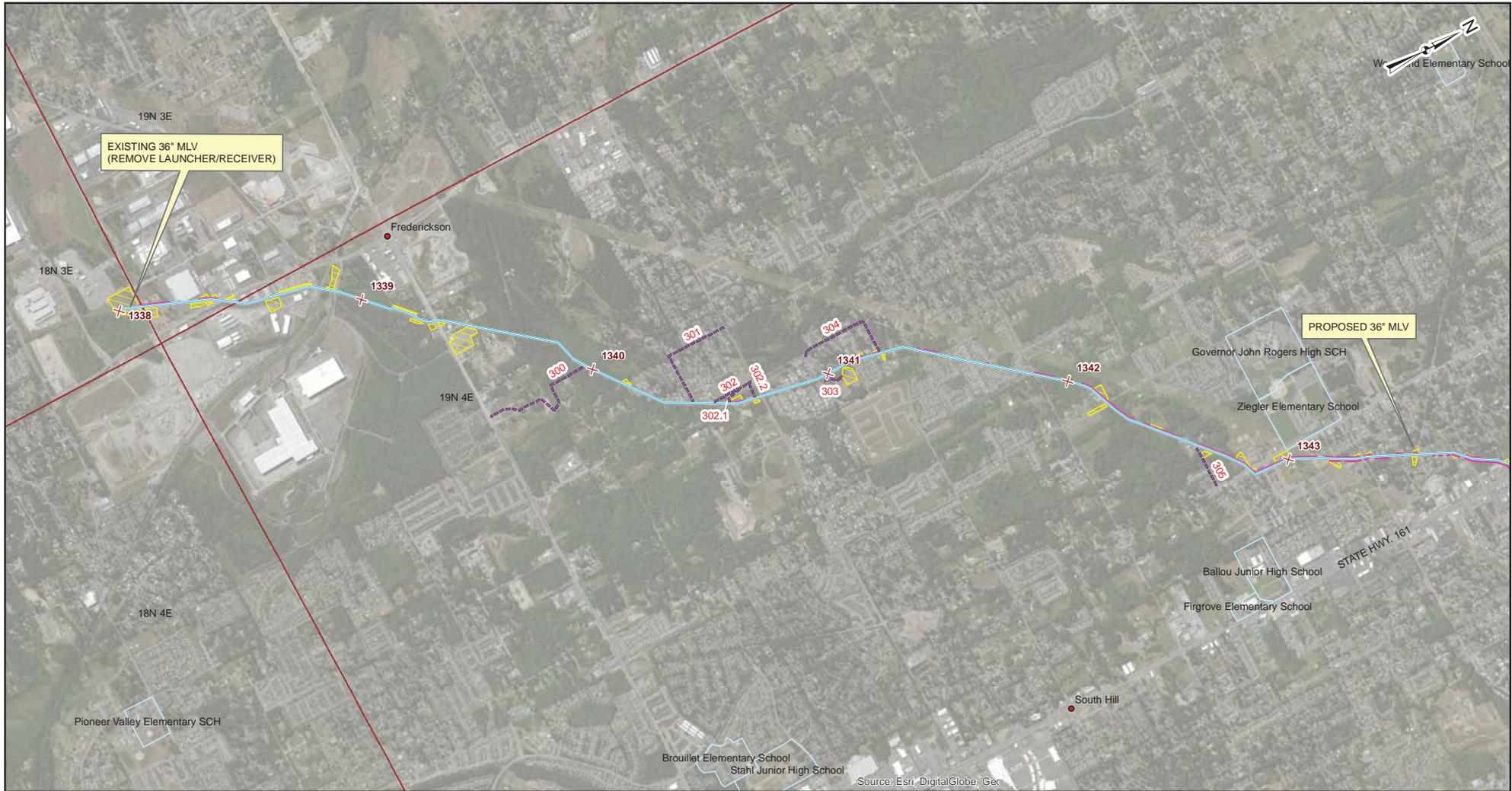
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**WASHINGTON EXPANSION  
PROJECT SITE LOCATION MAPS  
CHEHALIS MP 1291.27 TO 1315.62  
LEWIS COUNTY, WASHINGTON**

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|----------------|----------------|--------------------------|-------------------|
| DRAWN BY: MC   | DATE: 5/6/2014 | ISSUED FOR BID:          | SCALE: 1" = 2000' |
| CHECKED BY: MD | DATE:          | ISSUED FOR CONSTRUCTION: |                   |
| APPROVED BY:   |                | DRAWING NUMBER: 1A - 12  | SHEET 4 OF 4      |



**Legend**

- New Pipeline Segment
- × Mileposts
- Existing Access Road
- Temporary Construction ROW
- Temporary Extra Work Space
- Township & Range Line
- Cities

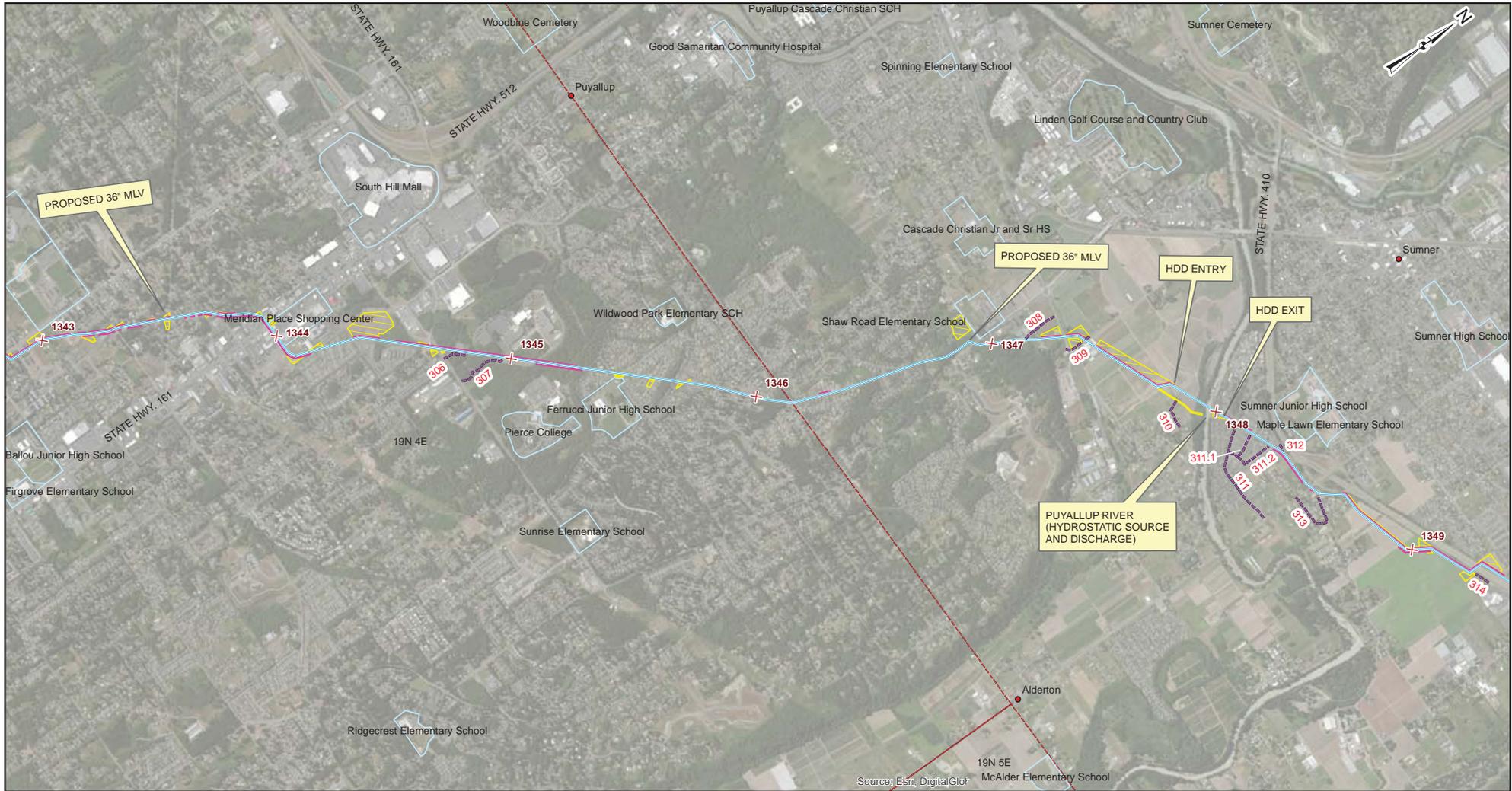
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**WASHINGTON EXPANSION PROJECT  
SITE LOCATION MAPS  
SUMNER SOUTH MP 1338.00 TO  
1351.82 PIERCE COUNTY,  
WASHINGTON**

|                |                |                          |                   |
|----------------|----------------|--------------------------|-------------------|
| DRAWN BY: MC   | DATE: 5/6/2014 | ISSUED FOR BID:          | SCALE: 1" = 2000' |
| CHECKED BY: MD | DATE:          | ISSUED FOR CONSTRUCTION: |                   |
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**Legend**

- New Pipeline Segment
- × Mileposts
- Existing Access Road
- Temporary Construction ROW
- Temporary Extra Work Space
- Township & Range Line
- Cities

**NOTES:**

0 1,000 2,000 4,000 Feet



**WASHINGTON EXPANSION PROJECT  
SITE LOCATION MAPS  
SUMNER SOUTH MP 1338.00 TO  
1351.82 PIERCE COUNTY,  
WASHINGTON**

|                |                |                          |                   |
|----------------|----------------|--------------------------|-------------------|
| DRAWN BY: MC   | DATE: 5/6/2014 | ISSUED FOR BID:          | SCALE: 1" = 2000' |
| CHECKED BY: MD | DATE:          | ISSUED FOR CONSTRUCTION: |                   |
| APPROVED BY:   |                | DRAWING NUMBER: 1A - 14  | SHEET 2 OF 3      |



**Legend**

- New Pipeline Segment
- × Mileposts
- Existing Access Road
- Temporary Construction ROW
- Temporary Extra Work Space
- Township & Range Line
- Cities

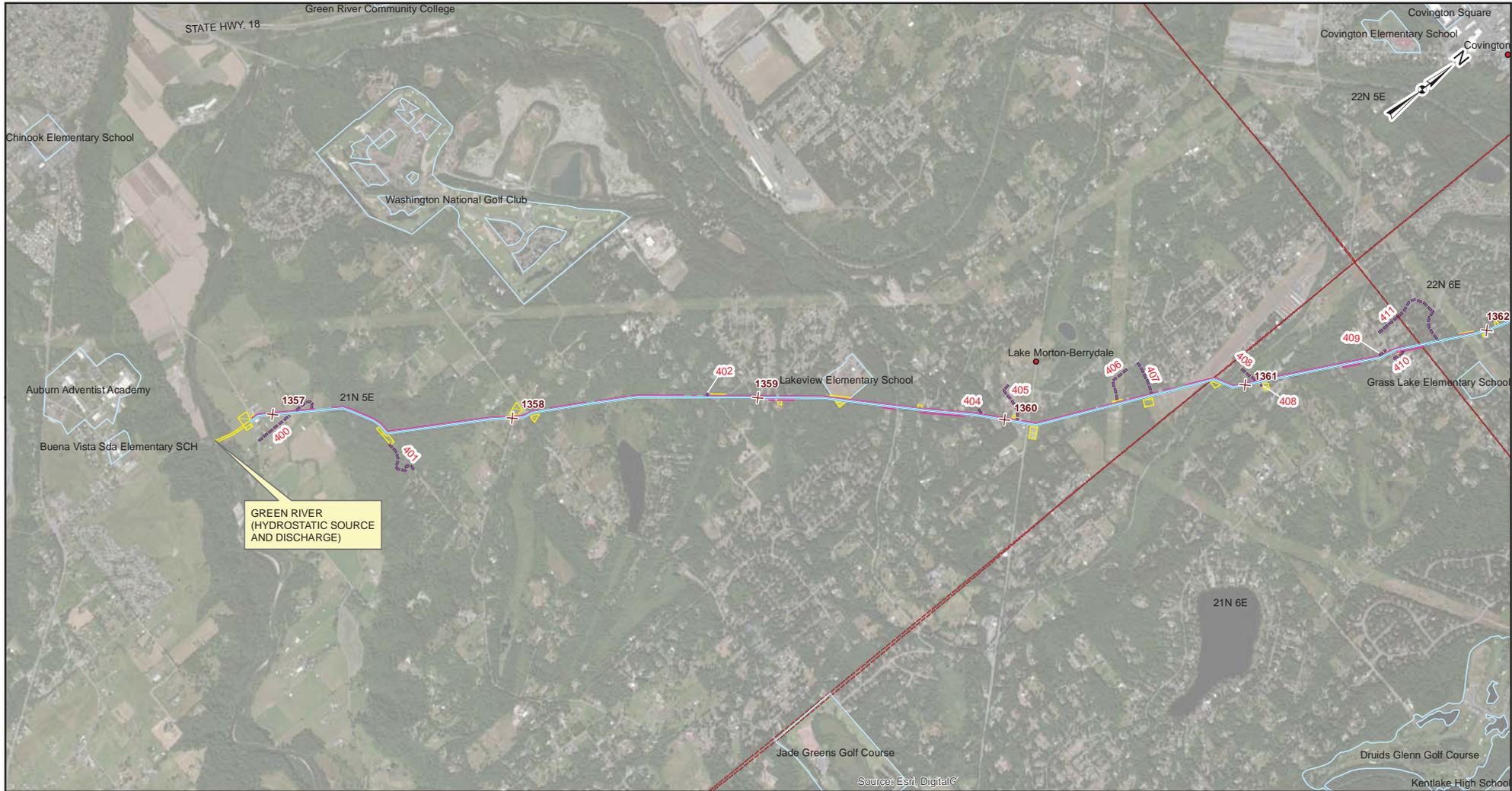
NOTES:

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**WASHINGTON EXPANSION PROJECT  
SITE LOCATION MAPS  
SUMNER SOUTH MP 1338.00 TO  
1351.82 PIERCE COUNTY,  
WASHINGTON**

|                |                |                          |                   |
|----------------|----------------|--------------------------|-------------------|
| DRAWN BY: MC   | DATE: 5/6/2014 | ISSUED FOR BID:          | SCALE: 1" = 2000' |
| CHECKED BY: MD | DATE:          | ISSUED FOR CONSTRUCTION: |                   |
| APPROVED BY:   |                | DRAWING NUMBER: 1A - 15  | SHEET 3 OF 3      |



**Legend**

- New Pipeline Segment
- ✕ Mileposts
- Existing Access Road
- Temporary Construction ROW
- Temporary Extra Work Area
- Township & Range Line
- Cities

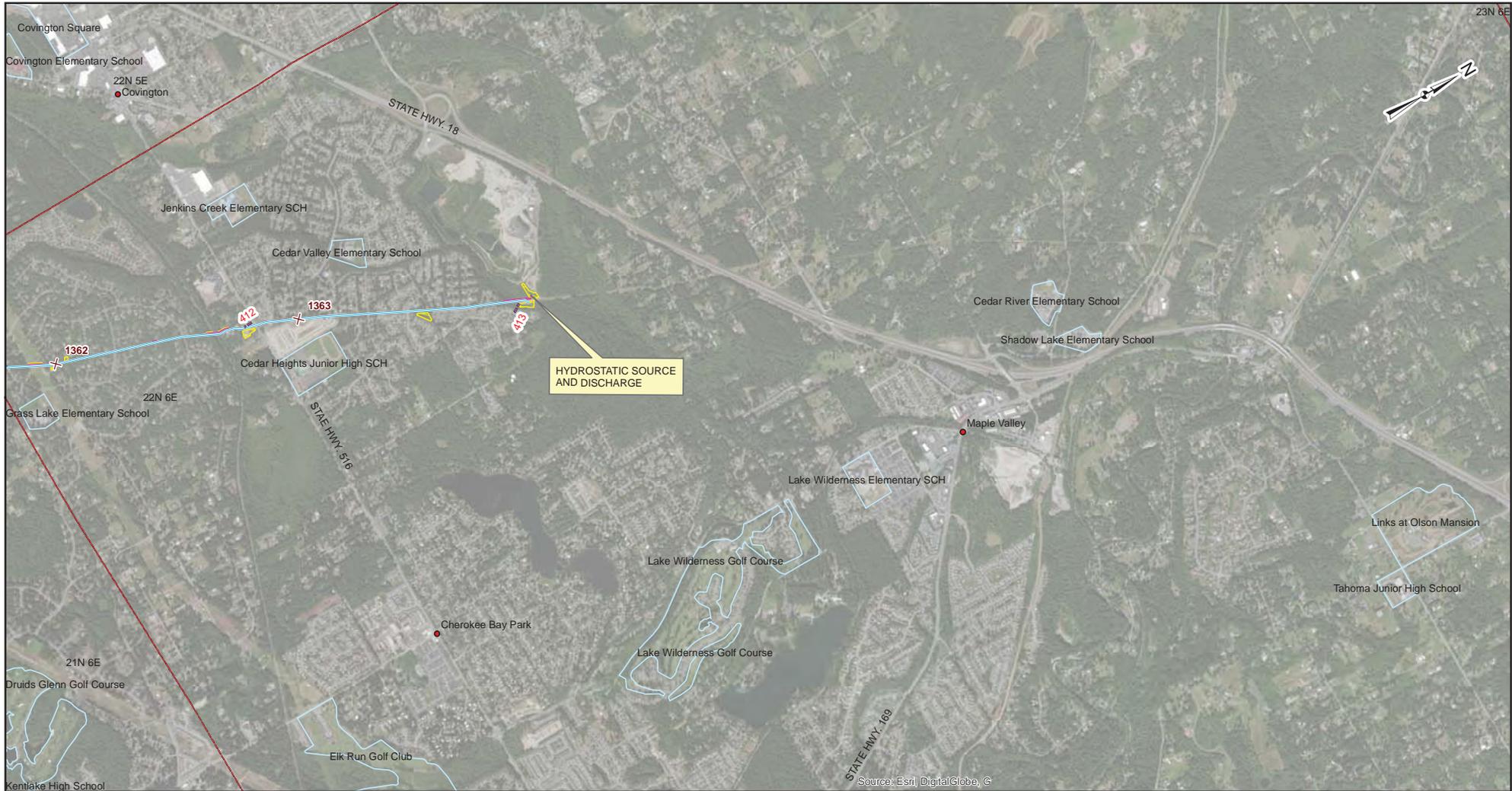
**NOTES:**

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Feet



**WASHINGTON EXPANSION PROJECT SITE  
LOCATION MAPS  
SUMNER NORTH "A" MP 1356.90 TO 1363.93  
KING COUNTY, WASHINGTON**

|                |                |                          |                   |
|----------------|----------------|--------------------------|-------------------|
| DRAWN BY: MC   | DATE: 5/6/2014 | ISSUED FOR BID:          | SCALE: 1" = 2000' |
| CHECKED BY: MD | DATE:          | ISSUED FOR CONSTRUCTION: |                   |
| APPROVED BY:   |                | DRAWING NUMBER: 1A - 16  | SHEET 1 OF 2      |



**Legend**

- New Pipeline Segment
- ✕ Mileposts
- Existing Access Road
- Temporary Construction ROW
- Temporary Extra Work Area
- Township & Range Line
- Cities

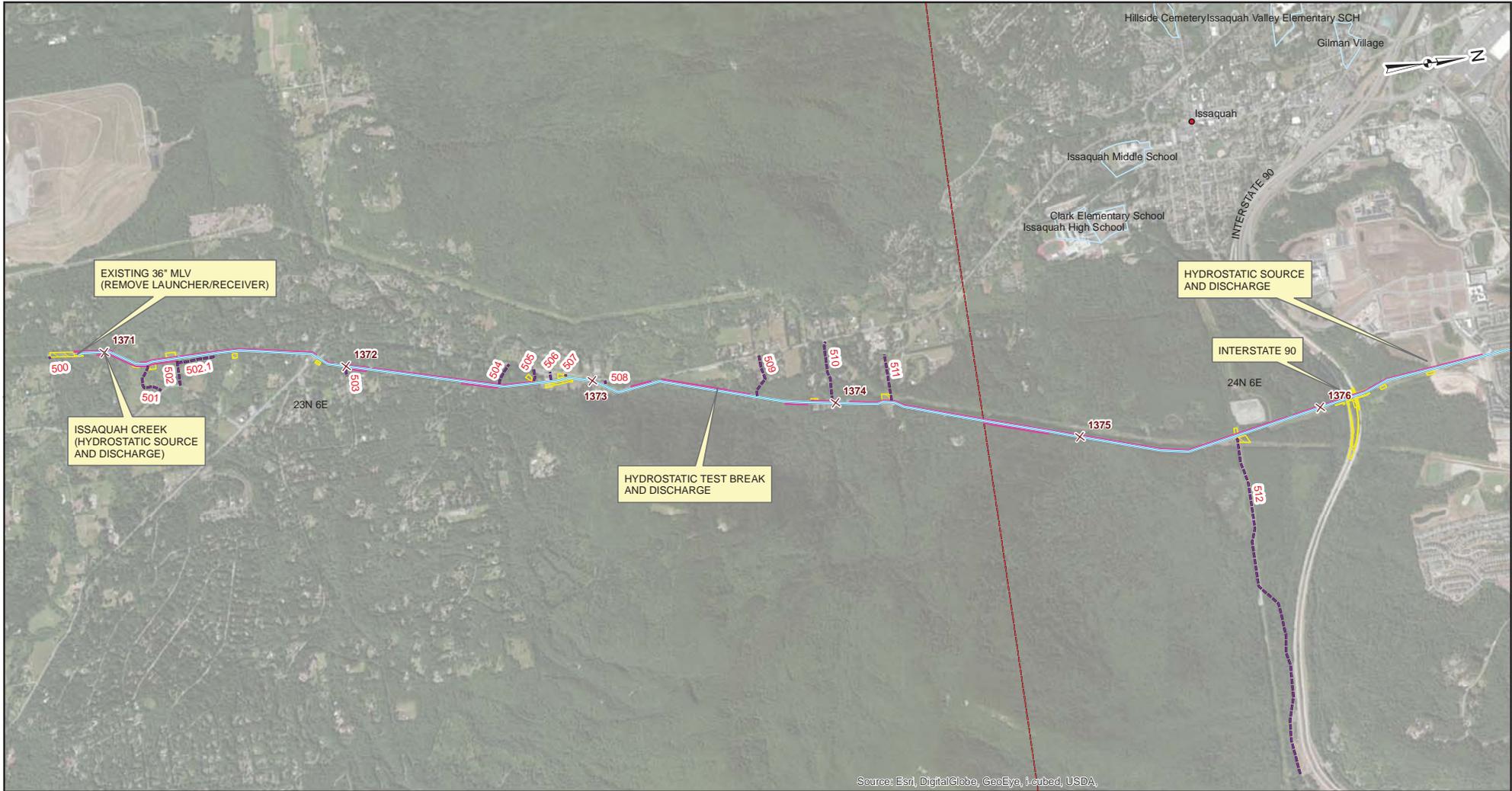
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**WASHINGTON EXPANSION PROJECT SITE  
LOCATION MAPS  
SUMNER NORTH "A" MP 1356.90 TO  
1363.93 KING COUNTY, WASHINGTON**

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|----------------|----------------|--------------------------|-------------------|
| DRAWN BY: MC   | DATE: 5/6/2014 | ISSUED FOR BID:          | SCALE: 1" = 2000' |
| CHECKED BY: MD | DATE:          | ISSUED FOR CONSTRUCTION: |                   |
| APPROVED BY:   |                | DRAWING NUMBER: 1A-17    | SHEET 2 OF 2      |



Source: Esri, DigitalGlobe, GeoEye, i-ubod, USDA,

**Legend**

- New Pipeline Segment
- × Mileposts
- Existing Access Road
- Temporary Construction ROW
- Temporary Extra Work Space
- Cities

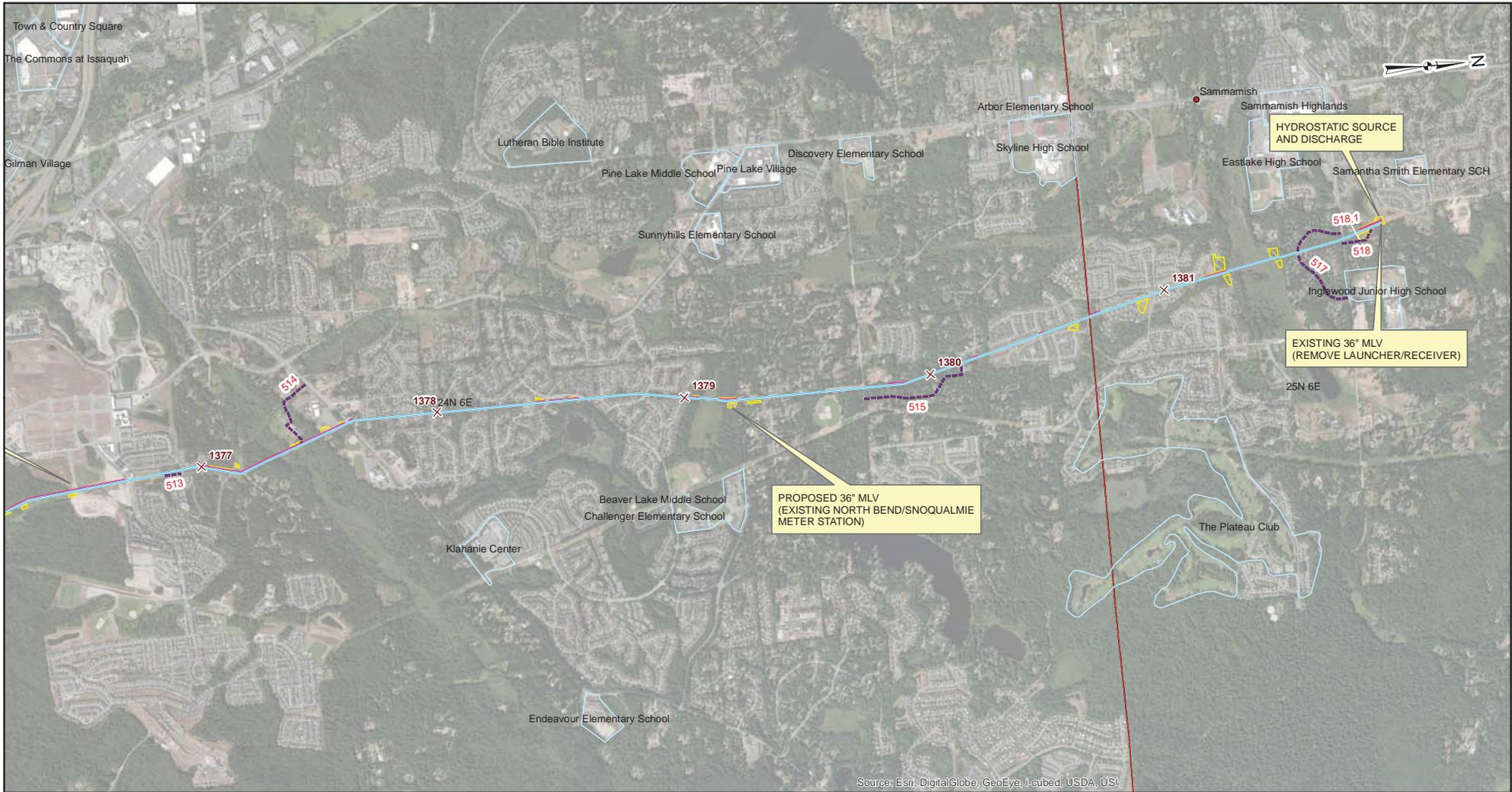
**NOTES:**

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**WASHINGTON EXPANSION PROJECT SITE  
LOCATION MAPS  
SUMNER NORTH "B" MP 1370.89 TO  
1381.92 KING COUNTY, WASHINGTON**

|                |                |                          |                   |
|----------------|----------------|--------------------------|-------------------|
| DRAWN BY: MC   | DATE: 5/6/2014 | ISSUED FOR BID:          | SCALE: 1" = 2000' |
| CHECKED BY: MD | DATE:          | ISSUED FOR CONSTRUCTION: |                   |
| APPROVED BY:   |                | DRAWING NUMBER: 1A - 18  | SHEET 1 OF 2      |



Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS

**Legend**

- New Pipeline Segment
- × Mileposts
- Existing Access Road
- Temporary Construction ROW
- Temporary Extra Work Space
- Cities

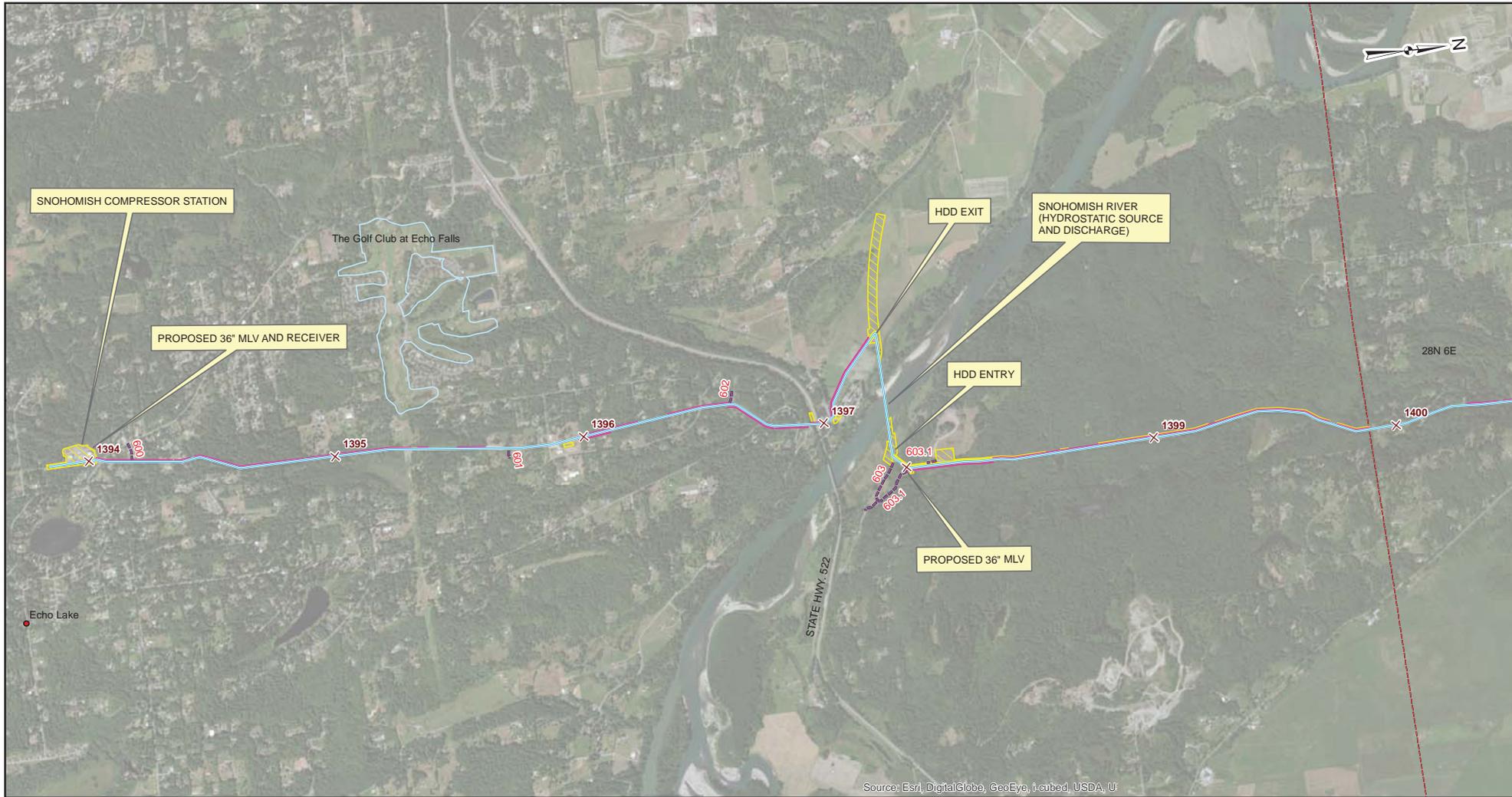
NOTES:

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**WASHINGTON EXPANSION PROJECT SITE LOCATION MAPS**  
**SUMNER NORTH "B" MP 1370.89 TO 1381.92 KING COUNTY, WASHINGTON**

|                |                |                          |                   |
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| DRAWN BY: MC   | DATE: 5/6/2014 | ISSUED FOR BID:          | SCALE: 1" = 2000' |
| CHECKED BY: MD | DATE:          | ISSUED FOR CONSTRUCTION: |                   |
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Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, U

**Legend**

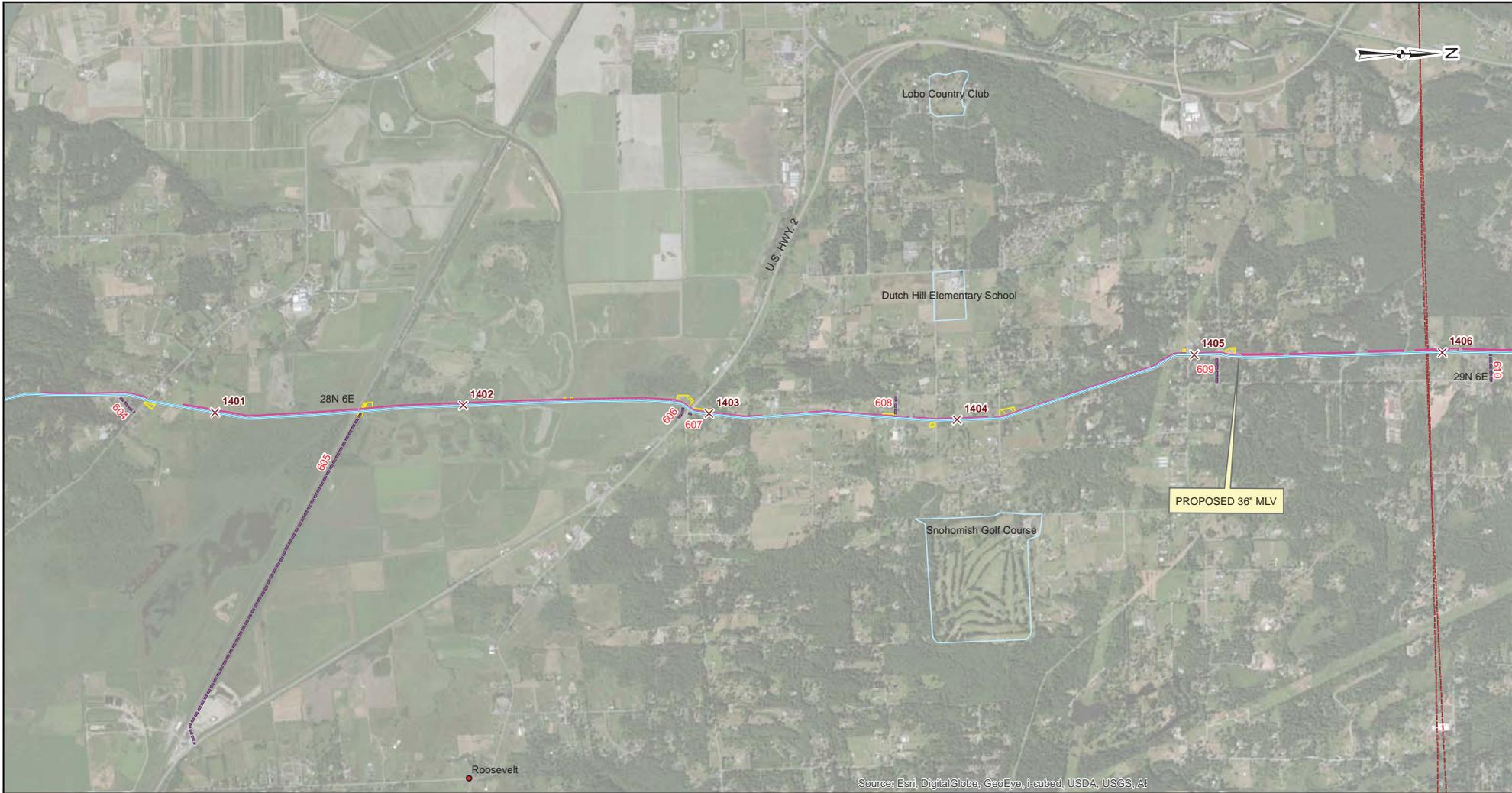
- New Pipeline Segment
- × Mileposts
- Existing Access Road
- Temporary Construction ROW
- Temporary Extra Work Area
- Cities

**NOTES:**



**WASHINGTON EXPANSION  
PROJECT SITE LOCATION MAPS  
SNOHOMISH MP 1393.84 TO 1409.39  
SNOHOMISH COUNTY,  
WASHINGTON**

|                |                |                          |                   |
|----------------|----------------|--------------------------|-------------------|
| DRAWN BY: MC   | DATE: 5/6/2014 | ISSUED FOR BID:          | SCALE: 1" = 2000' |
| CHECKED BY: MD | DATE:          | ISSUED FOR CONSTRUCTION: |                   |
| APPROVED BY:   |                | DRAWING NUMBER: 1A - 20  | SHEET 1 OF 3      |



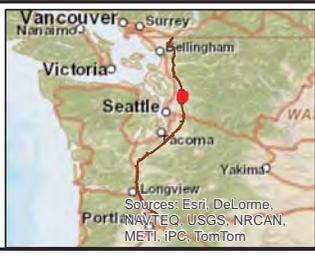
Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AT

### Legend

- New Pipeline Segment
- × Mileposts
- - - Existing Access Road
- Temporary Construction ROW
- Temporary Extra Work Area
- Cities

NOTES:

0 1,000 2,000 4,000  
Feet



### EXPANSION PROJECT SITE LOCATION MAPS SNOHOMISH MP 1393.84 TO 1409.39 SNOHOMISH COUNTY, WASHINGTON

|                |                |                          |                   |
|----------------|----------------|--------------------------|-------------------|
| DRAWN BY: MC   | DATE: 5/6/2014 | ISSUED FOR BID:          | SCALE: 1" = 2000' |
| CHECKED BY: MD | DATE:          | ISSUED FOR CONSTRUCTION: |                   |
| APPROVED BY:   |                | DRAWING NUMBER: 1A - 21  | SHEET 2 OF 3      |



Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, US

### Legend

- New Pipeline Segment
- × Mileposts
- Existing Access Road
- Temporary Construction ROW
- Temporary Extra Work Area
- Cities

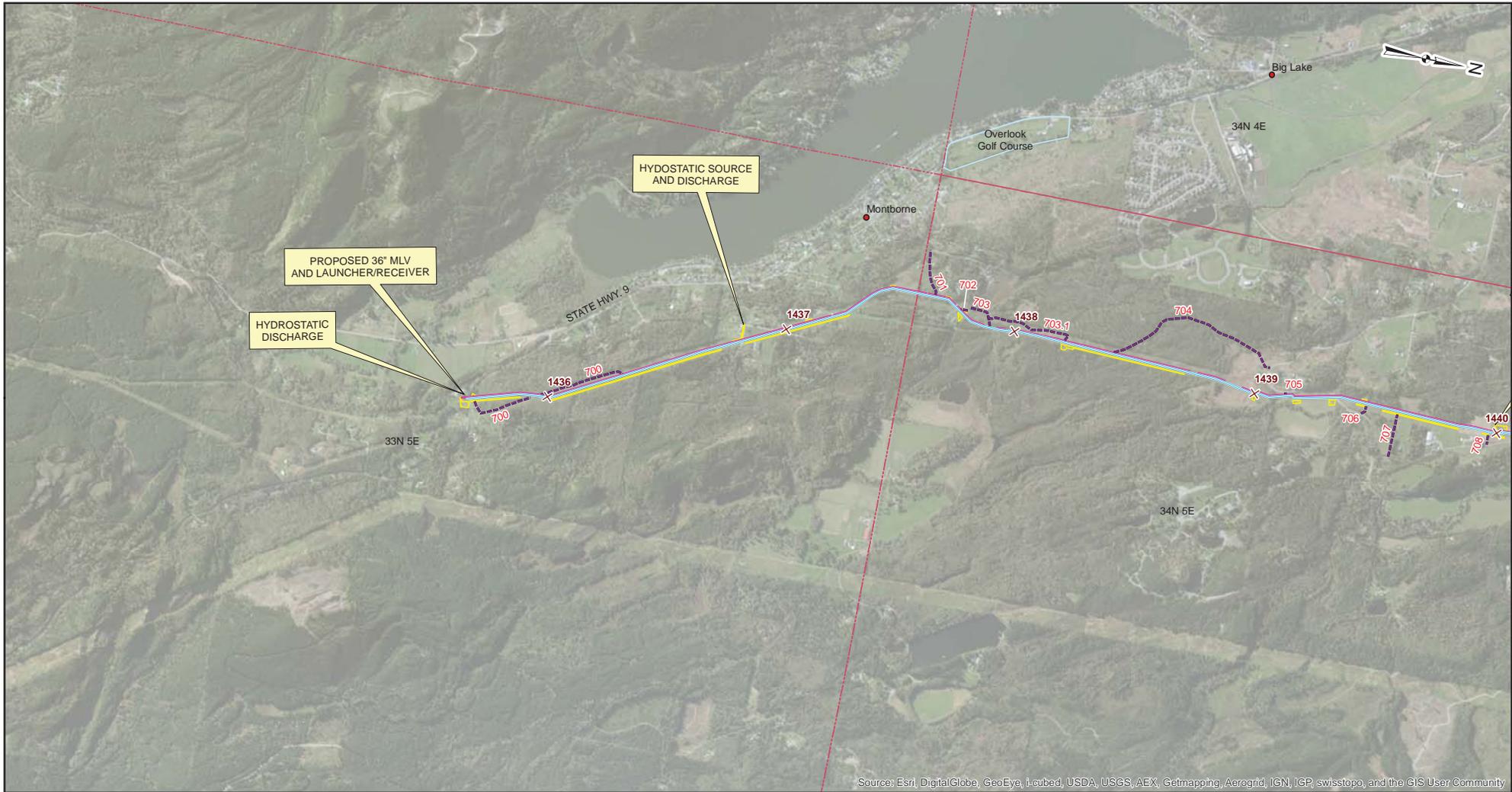
NOTES:

0 1,000 2,000 4,000  
Feet



### WASHINGTON EXPANSION PROJECT SITE LOCATION MAPS SNOHOMISH MP 1393.84 TO 1409.39 SNOHOMISH COUNTY, WASHINGTON

|                |                |                          |                   |
|----------------|----------------|--------------------------|-------------------|
| DRAWN BY: MC   | DATE: 5/6/2014 | ISSUED FOR BID:          | SCALE: 1" = 2000' |
| CHECKED BY: MD | DATE:          | ISSUED FOR CONSTRUCTION: |                   |
| APPROVED BY:   |                | DRAWING NUMBER: 1A - 22  | SHEET 3 OF 3      |



Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

**Legend**

- New Pipeline Segment
- × Mileposts
- Existing Access Road
- Temporary Construction
- ROW Temporary Extra Work
- Area Township & Range Line
- Cities

NOTES:

0 1,000 2,000 4,000

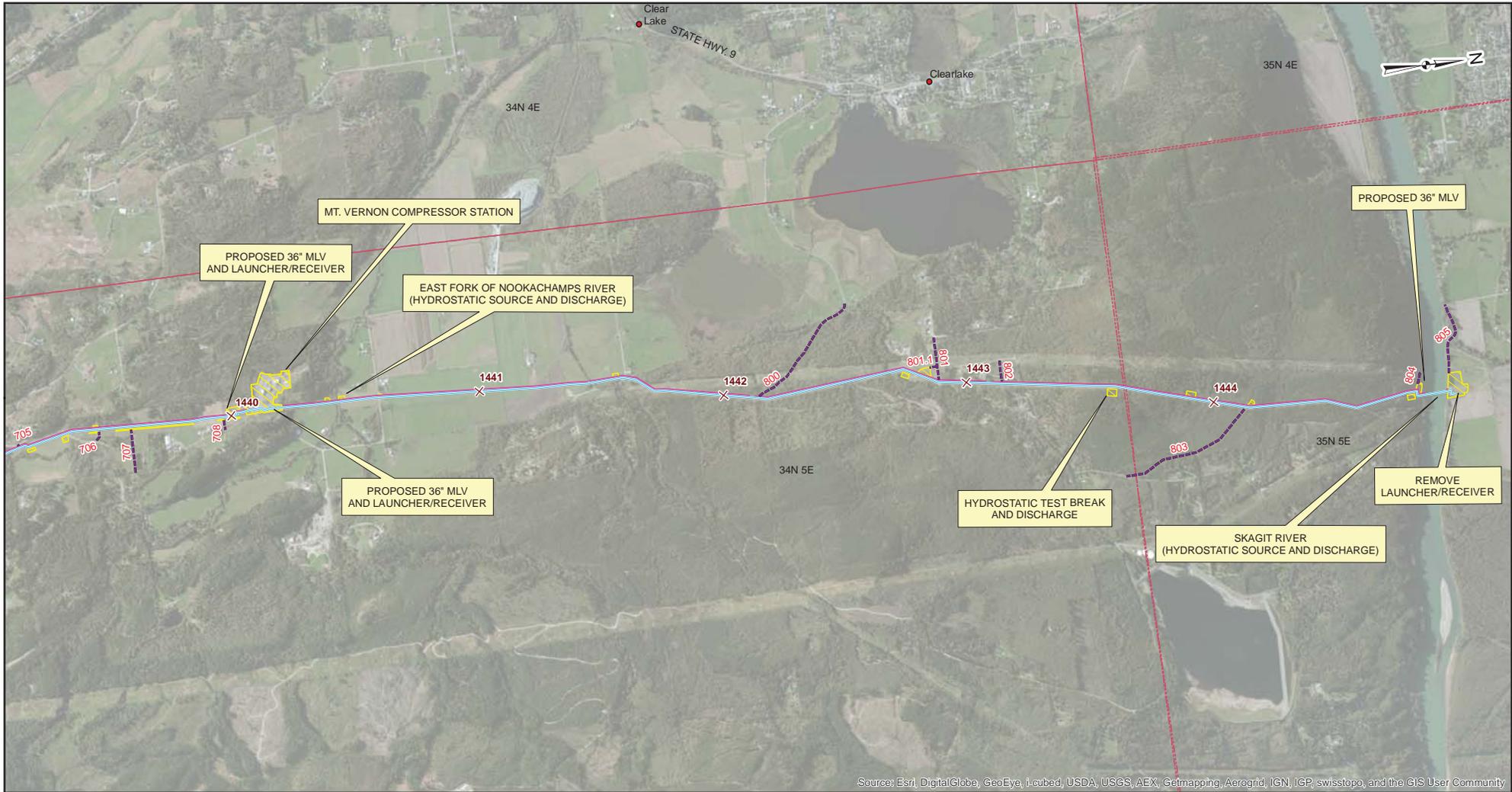
Feet



**WASHINGTON EXPANSION PROJECT SITE LOCATION MAPS**

Mt. VERNON SOUTH MP 1435.67 TO 1440.18 AND Mt. VERNON NORTH "A" MP 1440.18 TO 1445.02  
SKAGIT COUNTY, WASHINGTON

|                |                |                          |                   |
|----------------|----------------|--------------------------|-------------------|
| DRAWN BY: MC   | DATE: 5/6/2014 | ISSUED FOR BID:          | SCALE: 1" = 2000' |
| CHECKED BY: MD | DATE:          | ISSUED FOR CONSTRUCTION: |                   |
| APPROVED BY:   |                | DRAWING NUMBER: 1A - 23  | SHEET 1 OF 2      |



**Legend**

- New Pipeline Segment
- × Mileposts
- Existing Access Road
- Temporary Construction
- ROW Temporary Extra Work
- Area Township & Range Line
- Cities

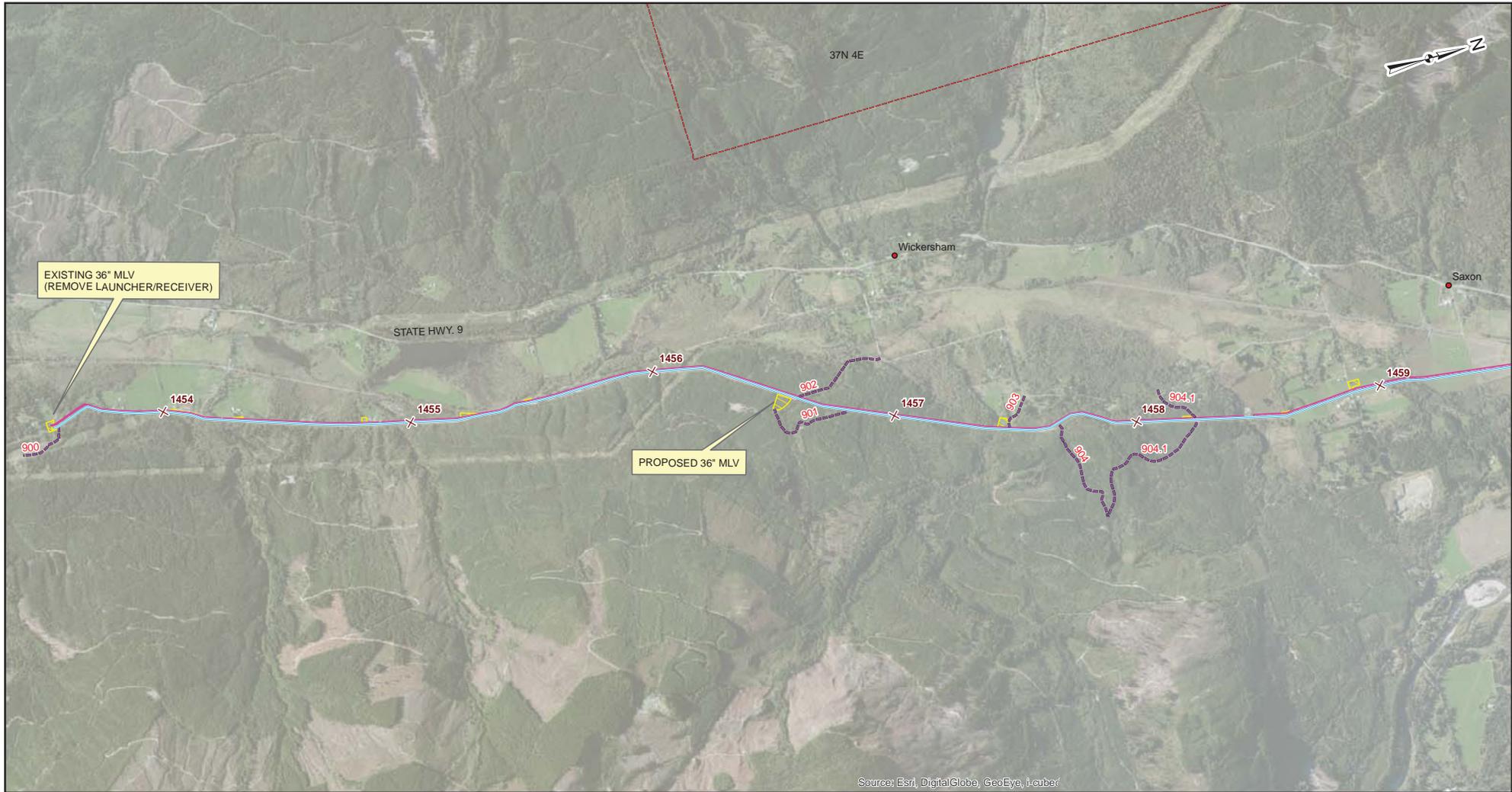
NOTES:

0 1,000 2,000 4,000  
Feet



**WASHINGTON EXPANSION PROJECT SITE LOCATION MAPS**  
 Mt. VERNON SOUTH MP 1435.67 TO 1440.18 AND Mt. VERNON NORTH "A" MP 1440.18 TO 1445.02  
 SKAGIT COUNTY, WASHINGTON

|                |                |                          |                   |
|----------------|----------------|--------------------------|-------------------|
| DRAWN BY: MC   | DATE: 5/6/2014 | ISSUED FOR BID:          | SCALE: 1" = 2000' |
| CHECKED BY: MD | DATE:          | ISSUED FOR CONSTRUCTION: |                   |
| APPROVED BY:   |                | DRAWING NUMBER: 1A - 24  | SHEET 2 OF 2      |



**Legend**

- New Pipeline Segment
- × Mileposts
- - - Existing Access Road
- Temporary Construction ROW
- Temporary Extra Work Area
- Township & Range Line
- Cities

NOTES:

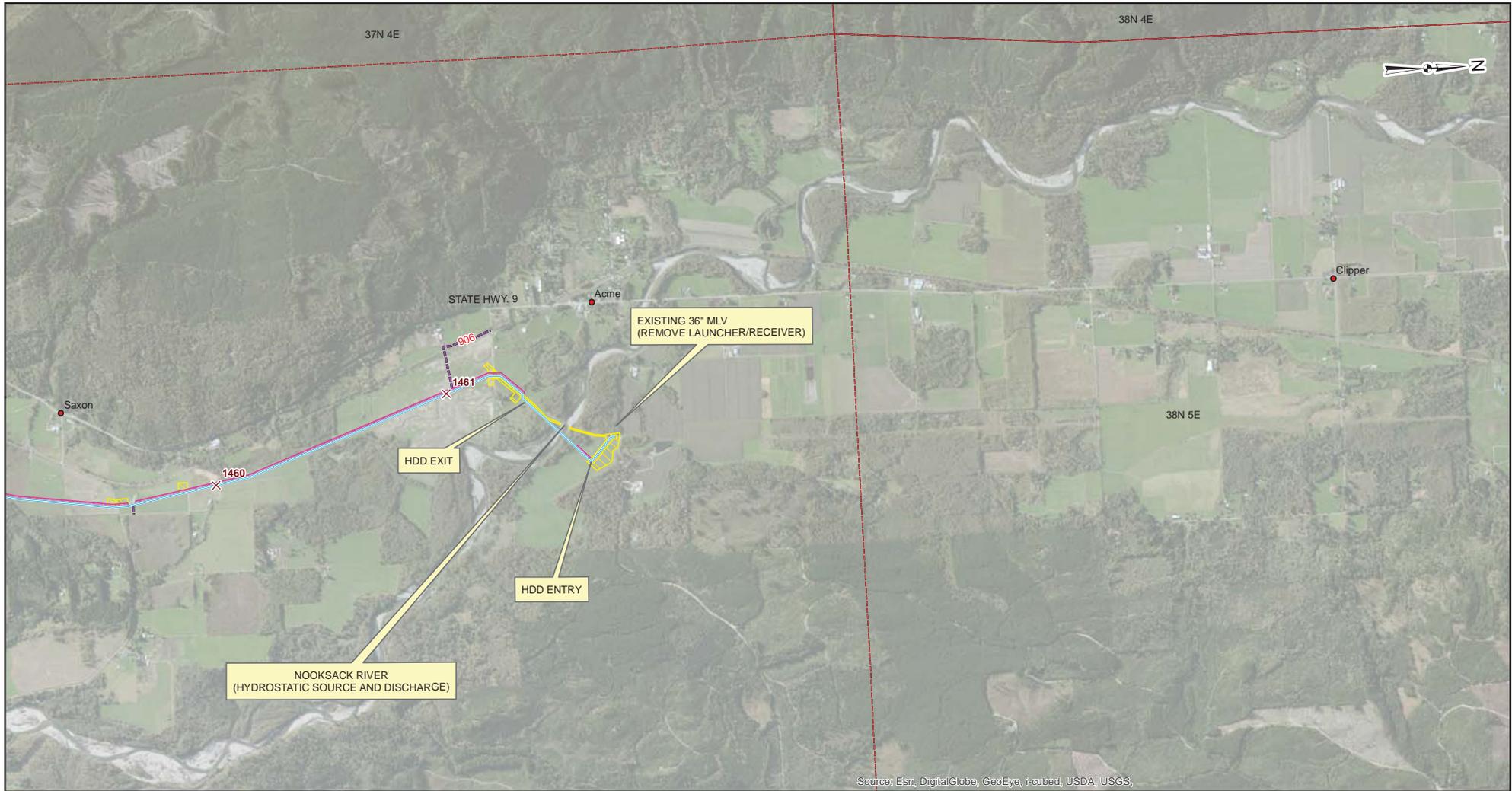
0 1,000 2,000 4,000  
Feet



**WASHINGTON EXPANSION PROJECT  
SITE LOCATION MAPS**

**Mt. VERNON NORTH "B" MP 1453.53 TO 1461.88  
SKAGIT & WHATCOM COUNTIES, WASHINGTON**

|                |                |                          |                   |
|----------------|----------------|--------------------------|-------------------|
| DRAWN BY: MC   | DATE: 5/6/2014 | ISSUED FOR BID:          | SCALE: 1" = 2000' |
| CHECKED BY: MD | DATE:          | ISSUED FOR CONSTRUCTION: |                   |
| APPROVED BY:   |                | DRAWING NUMBER: 1A - 25  | SHEET 1 OF 2      |



Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS,

**Legend**

- New Pipeline Segment
- × Mileposts
- Existing Access Road
- Temporary Construction ROW
- Temporary Extra Work Area
- Township & Range Line
- Cities

NOTES:

0 1,000 2,000 4,000

Feet



**WASHINGTON EXPANSION PROJECT**  
**SITE LOCATION MAPS**  
 Mt. VERNON NORTH "B" MP 1453.53 TO 1461.88  
 SKAGIT & WHATCOM COUNTIES, WASHINGTON

|                |                |                          |                   |
|----------------|----------------|--------------------------|-------------------|
| DRAWN BY: MC   | DATE: 5/6/2014 | ISSUED FOR BID:          | SCALE: 1" = 2000' |
| CHECKED BY: MD | DATE:          | ISSUED FOR CONSTRUCTION: |                   |
| APPROVED BY:   |                | DRAWING NUMBER: 1A - 26  | SHEET 2 OF 2      |



**Legend**

- New Pipeline Segment
- × Mileposts
- - - Existing Access Road
- Temporary Construction ROW
- Temporary Extra Work Area
- Township & Range Line
- Cities

NOTES:

0 1,000 2,000 4,000  
Feet



**WASHINGTON EXPANSION  
PROJECT SITE LOCATION MAPS  
SUMAS MP 1478.58 TO 1484.48  
WHATCOM COUNTY, WASHINGTON**

|                |                |                          |                   |
|----------------|----------------|--------------------------|-------------------|
| DRAWN BY: MC   | DATE: 5/6/2014 | ISSUED FOR BID:          | SCALE: 1" = 2000' |
| CHECKED BY: MD | DATE:          | ISSUED FOR CONSTRUCTION: |                   |
| APPROVED BY:   |                | DRAWING NUMBER: 1A - 27  | SHEET 1 OF 1      |



## **APPENDIX I2**

### **PIPELINE CONSTRUCTION RIGHT-OF-WAY CROSS SECTIONS AND CONFIGURATION TABLE**

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Pipeline Construction Right-of-way Cross Sections and Configuration Table

| Milepost Start       | Milepost End | ROW Typical <sup>a</sup> |
|----------------------|--------------|--------------------------|
| <b>Woodland Loop</b> |              |                          |
| 1244.29              | 1244.46      | 1                        |
| 1244.46              | 1244.48      | 2                        |
| 1244.48              | 1244.50      | Nontypical               |
| 1244.50              | 1244.50      | 2                        |
| 1244.50              | 1244.95      | 1                        |
| 1244.95              | 1244.96      | Nontypical               |
| 1244.96              | 1245.01      | 2                        |
| 1245.0               | 1245.64      | 1                        |
| 1245.64              | 1246.02      | 2                        |
| 1246.02              | 1246.06      | 1                        |
| 1246.06              | 1246.22      | 2                        |
| 1246.22              | 1246.22      | Nontypical               |
| 1246.22              | 1246.28      | 2                        |
| 1246.28              | 1246.73      | 1                        |
| 1246.73              | 1246.76      | 2                        |
| 1246.76              | 1247.42      | 1                        |
| 1247.42              | 1247.45      | 2                        |
| 1247.45              | 1247.63      | 1                        |
| 1247.63              | 1247.66      | 2                        |
| 1247.66              | 1247.73      | 1                        |
| 1247.73              | 1247.74      | 2                        |
| 1247.74              | 1248.30      | 1                        |
| 1248.30              | 1248.32      | 2                        |
| 1248.32              | 1248.45      | 1                        |
| 1248.45              | 1248.73      | 2                        |
| 1248.73              | 1248.75      | 1                        |
| 1248.75              | 1248.90      | Nontypical               |
| 1248.90              | 1248.97      | 1                        |
| 1248.97              | 1248.97      | 2                        |
| 1248.97              | 1251.32      | 1                        |
| 1251.32              | 1251.38      | 2                        |
| 1251.38              | 1253.44      | 1                        |
| 1253.44              | 1253.50      | 2                        |
| 1253.50              | 1253.52      | 1                        |
| 1253.52              | 1253.53      | 2                        |
| 1253.53              | 1255.30      | 1                        |
| 1255.30              | 1255.32      | 2                        |
| 1255.32              | 1255.74      | 1                        |
| 1255.74              | 1255.75      | Nontypical               |
| 1255.75              | 1256.41      | 1                        |
| 1256.41              | 1256.42      | 2                        |
| 1256.42              | 1256.90      | 1                        |
| 1256.90              | 1256.91      | 2                        |
| 1256.91              | 1256.93      | 1                        |
| 1256.93              | 1256.94      | 2                        |
| 1256.94              | 1256.95      | Nontypical               |
| 1256.95              | 1257.28      | 2                        |
| 1257.28              | 1257.47      | 1                        |
| 1257.47              | 1257.48      | 2                        |
| 1257.48              | 1257.52      | 1                        |
| 1257.52              | 1257.53      | Nontypical               |
| 1257.53              | 1257.59      | 1                        |
| 1257.59              | 1257.70      | 2                        |
| 1257.70              | 1257.74      | 1                        |

| Milepost Start | Milepost End | ROW Typical <sup>a</sup> |
|----------------|--------------|--------------------------|
| 1257.74        | 1257.75      | Nontypical               |
| 1257.75        | 1257.75      | 2                        |
| 1257.75        | 1257.77      | 1                        |
| 1257.77        | 1257.79      | 2                        |
| 1257.79        | 1258.02      | 1                        |
| 1258.02        | 1258.03      | 2                        |
| 1258.03        | 1258.05      | Nontypical               |
| 1258.05        | 1258.20      | 1                        |
| 1258.20        | 1258.37      | 2                        |
| 1258.37        | 1258.97      | 1                        |
| 1258.97        | 1259.00      | 2                        |
| 1259.00        | 1260.82      | 1                        |
| 1260.82        | 1260.83      | 2                        |
| 1260.83        | 1260.86      | 1                        |
| 1260.86        | 1260.88      | 2                        |
| 1260.88        | 1260.89      | Nontypical               |
| 1260.89        | 1260.92      | 2                        |
| 1260.92        | 1261.20      | 1                        |
| 1261.20        | 1261.21      | 2                        |
| 1261.21        | 1262.20      | 1                        |
| 1262.20        | 1262.59      | Nontypical               |
| 1262.59        | 1262.61      | 2                        |
| 1262.61        | 1263.12      | 1                        |
| 1263.12        | 1263.17      | 2                        |
| 1263.17        | 1263.19      | 1                        |
| 1263.19        | 1263.24      | 2                        |
| 1263.24        | 1263.25      | Nontypical               |
| 1263.25        | 1263.26      | 2                        |
| 1263.26        | 1265.25      | 1                        |
| 1265.25        | 1265.32      | 2                        |
| 1265.32        | 1269.06      | 1                        |
| 1269.06        | 1269.21      | Nontypical               |
| 1269.21        | 1269.54      | 1                        |
| 1269.54        | 1269.55      | 2                        |
| 1269.55        | 1274.00      | 1                        |
| 1274.00        | 1274.02      | 2                        |
| 1274.02        | 1274.22      | 1                        |
| 1274.22        | 1274.74      | 2                        |
| 1274.74        | 1275.67      | 1                        |
| 1275.67        | 1275.68      | 2                        |
| 1275.68        | 1275.77      | 1                        |
| 1275.77        | 1277.82      | Nontypical               |
| 1277.82        | 1278.16      | 1                        |
| 1278.16        | 1279.32      | Nontypical               |
| 1279.32        | 1279.71      | 1                        |
| 1279.71        | 1279.72      | 2                        |
| 1279.72        | 1280.15      | 1                        |
| 1280.15        | 1280.20      | 2                        |
| 1280.20        | 1280.21      | Nontypical               |
| 1280.21        | 1280.32      | 2                        |
| 1280.32        | 1280.34      | 1                        |
| 1280.34        | 1280.38      | 2                        |
| 1280.38        | 1280.48      | 1                        |
| 1280.48        | 1280.67      | 2                        |
| 1280.67        | 1280.76      | 1                        |

Pipeline Construction Right-of-way Cross Sections and Configuration Table

| Milepost Start       | Milepost End | ROW Typical <sup>a</sup> | Milepost Start           | Milepost End | ROW Typical <sup>a</sup> |
|----------------------|--------------|--------------------------|--------------------------|--------------|--------------------------|
| 1280.76              | 1280.82      | 2                        | 1293.40                  | 1293.63      | 1                        |
| 1280.82              | 1281.09      | 1                        | 1293.63                  | 1293.89      | 5                        |
| 1281.09              | 1281.13      | 2                        | 1293.89                  | 1294.00      | 1                        |
| 1281.13              | 1281.14      | Nontypical               | 1294.00                  | 1294.30      | Nontypical               |
| 1281.14              | 1281.14      | 2                        | 1294.30                  | 1295.52      | 1                        |
| 1281.14              | 1281.20      | 1                        | 1295.52                  | 1295.56      | 2                        |
| 1281.20              | 1281.20      | 2                        | 1295.56                  | 1295.61      | 1                        |
| 1281.20              | 1281.92      | Nontypical               | 1295.61                  | 1295.61      | Nontypical               |
| 1281.92              | 1282.03      | 2                        | 1295.61                  | 1295.95      | 1                        |
| 1282.03              | 1282.68      | Nontypical               | 1295.95                  | 1295.98      | 2                        |
| 1282.68              | 1282.87      | 1                        | 1295.98                  | 1296.26      | 1                        |
| 1282.87              | 1282.89      | 2                        | 1296.26                  | 1296.30      | 2                        |
| 1282.89              | 1282.92      | 1                        | 1296.30                  | 1297.20      | 1                        |
| 1282.92              | 1282.95      | 2                        | 1297.20                  | 1297.21      | Nontypical               |
| 1282.95              | 1283.12      | 1                        | 1297.21                  | 1297.96      | 1                        |
| 1283.12              | 1283.47      | 2                        | 1297.96                  | 1297.98      | 2                        |
| 1283.47              | 1284.03      | 1                        | 1297.98                  | 1298.07      | 1                        |
| 1284.03              | 1284.11      | 2                        | 1298.07                  | 1298.15      | 2                        |
| 1284.11              | 1284.25      | 1                        | 1298.15                  | 1298.53      | 1                        |
| 1284.25              | 1284.26      | 2                        | 1298.53                  | 1298.68      | Nontypical               |
| 1284.26              | 1284.74      | 1                        | 1298.68                  | 1299.10      | 1                        |
| 1284.74              | 1284.75      | 2                        | 1299.10                  | 1299.17      | 2                        |
| 1284.75              | 1284.92      | 1                        | 1299.17                  | 1299.19      | 1                        |
| 1284.92              | 1285.05      | Nontypical               | 1299.19                  | 1299.70      | Nontypical               |
| 1285.05              | 1285.43      | 1                        | 1299.70                  | 1300.77      | 1                        |
| 1285.43              | 1285.46      | 2                        | 1300.77                  | 1300.78      | 2                        |
| 1285.46              | 1285.79      | 1                        | 1300.78                  | 1302.72      | 1                        |
| 1285.79              | 1285.80      | 2                        | 1302.72                  | 1302.75      | 2                        |
| 1285.80              | 1286.17      | 1                        | 1302.75                  | 1304.31      | 1                        |
| 1286.17              | 1286.18      | 2                        | 1304.31                  | 1306.17      | Nontypical               |
| 1286.18              | 1286.77      | 1                        | 1306.17                  | 1308.42      | 1                        |
| 1286.77              | 1286.80      | 2                        | 1308.42                  | 1309.80      | Nontypical               |
| 1286.80              | 1286.88      | 1                        | 1309.80                  | 1310.10      | 1                        |
| 1286.88              | 1286.94      | Nontypical               | 1310.10                  | 1311.88      | Nontypical               |
| 1286.94              | 1287.33      | 1                        | 1311.88                  | 1315.62      | 1                        |
| 1287.33              | 1287.37      | 2                        | <b>Sumner South Loop</b> |              |                          |
| 1287.37              | 1287.72      | 1                        | 1338.00                  | 1338.21      | 1                        |
| 1287.72              | 1287.73      | 2                        | 1338.21                  | 1338.33      | 2                        |
| 1287.73              | 1288.10      | 1                        | 1338.33                  | 1338.40      | 1                        |
| 1288.10              | 1288.19      | 2                        | 1338.40                  | 1338.46      | 2                        |
| 1288.19              | 1288.27      | 1                        | 1338.46                  | 1338.48      | Nontypical               |
| 1288.27              | 1288.32      | 2                        | 1338.48                  | 1338.51      | 2                        |
| 1288.32              | 1288.87      | 1                        | 1338.51                  | 1338.54      | Nontypical               |
| 1288.87              | 1288.92      | 2                        | 1338.54                  | 1338.56      | 2                        |
| 1288.92              | 1289.03      | 1                        | 1338.56                  | 1338.58      | Nontypical               |
| 1289.03              | 1289.04      | Nontypical               | 1338.58                  | 1338.60      | 2                        |
| 1289.04              | 1289.54      | 1                        | 1338.60                  | 1338.63      | Nontypical               |
| <b>Chehalis Loop</b> |              |                          | 1338.63                  | 1338.66      | 2                        |
| 1291.27              | 1291.40      | 1                        | 1338.66                  | 1339.12      | 1                        |
| 1291.40              | 1291.56      | 5                        | 1339.12                  | 1339.24      | Nontypical               |
| 1291.56              | 1291.59      | Nontypical               | 1339.24                  | 1339.38      | 1                        |
| 1291.59              | 1292.06      | 5                        | 1339.38                  | 1339.38      | Nontypical               |
| 1292.06              | 1292.28      | 1                        | 1339.38                  | 1340.17      | 1                        |
| 1292.28              | 1292.65      | 5                        | 1340.17                  | 1340.46      | 2                        |
| 1292.65              | 1293.14      | 1                        | 1340.46                  | 1340.47      | Nontypical               |
| 1293.14              | 1293.40      | 5                        | 1340.47                  | 1340.59      | 2                        |

Pipeline Construction Right-of-way Cross Sections and Configuration Table

| Milepost Start | Milepost End | ROW Typical <sup>a</sup> | Milepost Start | Milepost End | ROW Typical <sup>a</sup> |
|----------------|--------------|--------------------------|----------------|--------------|--------------------------|
| 1340.59        | 1340.64      | 1                        | 1343.12        | 1343.13      | Nontypical               |
| 1340.64        | 1340.66      | 2                        | 1343.13        | 1343.14      | 2                        |
| 1340.66        | 1340.67      | Nontypical               | 1343.14        | 1343.17      | 1                        |
| 1340.67        | 1340.78      | 2                        | 1343.17        | 1343.21      | Nontypical               |
| 1340.78        | 1340.79      | Nontypical               | 1343.21        | 1343.23      | 1                        |
| 1340.79        | 1340.80      | 2                        | 1343.23        | 1343.26      | Nontypical               |
| 1340.80        | 1340.80      | Nontypical               | 1343.26        | 1343.26      | 1                        |
| 1340.80        | 1340.82      | 2                        | 1343.26        | 1343.29      | Nontypical               |
| 1340.82        | 1340.82      | Nontypical               | 1343.29        | 1343.30      | 2                        |
| 1340.82        | 1340.86      | 2                        | 1343.30        | 1343.31      | 1                        |
| 1340.86        | 1340.86      | Nontypical               | 1343.31        | 1343.35      | Nontypical               |
| 1340.86        | 1340.90      | 2                        | 1343.35        | 1343.35      | 3                        |
| 1340.90        | 1340.90      | Nontypical               | 1343.35        | 1343.44      | Nontypical               |
| 1340.90        | 1341.10      | 2                        | 1343.44        | 1343.46      | 1                        |
| 1341.10        | 1341.13      | 1                        | 1343.46        | 1343.51      | 2                        |
| 1341.13        | 1341.17      | Nontypical               | 1343.51        | 1343.52      | 1                        |
| 1341.17        | 1341.19      | 2                        | 1343.52        | 1343.58      | 2                        |
| 1341.19        | 1341.19      | Nontypical               | 1343.58        | 1343.59      | Nontypical               |
| 1341.19        | 1341.21      | 1                        | 1343.59        | 1343.60      | 3                        |
| 1341.21        | 1341.22      | Nontypical               | 1343.60        | 1343.62      | Nontypical               |
| 1341.22        | 1341.38      | 2                        | 1343.62        | 1343.64      | 3                        |
| 1341.38        | 1341.45      | 1                        | 1343.64        | 1343.65      | Nontypical               |
| 1341.45        | 1341.46      | Nontypical               | 1343.65        | 1343.66      | 3                        |
| 1341.46        | 1341.47      | 3                        | 1343.66        | 1343.70      | Nontypical               |
| 1341.47        | 1341.48      | Nontypical               | 1343.70        | 1343.72      | 3                        |
| 1341.48        | 1341.60      | 3                        | 1343.72        | 1343.79      | Nontypical               |
| 1341.60        | 1341.60      | Nontypical               | 1343.79        | 1343.79      | 1                        |
| 1341.60        | 1341.61      | 3                        | 1343.79        | 1344.18      | Nontypical               |
| 1341.61        | 1341.62      | Nontypical               | 1344.18        | 1344.24      | 3                        |
| 1341.62        | 1341.68      | 3                        | 1344.24        | 1344.25      | Nontypical               |
| 1341.68        | 1341.69      | Nontypical               | 1344.25        | 1344.35      | 3                        |
| 1341.69        | 1341.70      | 3                        | 1344.35        | 1344.36      | 2                        |
| 1341.70        | 1341.71      | Nontypical               | 1344.36        | 1344.37      | 1                        |
| 1341.71        | 1341.75      | 3                        | 1344.37        | 1344.38      | Nontypical               |
| 1341.75        | 1341.77      | Nontypical               | 1344.38        | 1344.44      | 1                        |
| 1341.77        | 1341.79      | 3                        | 1344.44        | 1344.45      | Nontypical               |
| 1341.79        | 1341.84      | Nontypical               | 1344.45        | 1344.46      | 1                        |
| 1341.84        | 1341.86      | 3                        | 1344.46        | 1344.53      | 2                        |
| 1341.86        | 1341.86      | 2                        | 1344.53        | 1344.60      | 1                        |
| 1341.86        | 1341.95      | 1                        | 1344.60        | 1344.61      | Nontypical               |
| 1341.95        | 1342.06      | 2                        | 1344.61        | 1344.66      | 1                        |
| 1342.06        | 1342.11      | 1                        | 1344.66        | 1344.67      | 2                        |
| 1342.11        | 1342.13      | Nontypical               | 1344.67        | 1345.10      | 1                        |
| 1342.13        | 1342.32      | 1                        | 1345.10        | 1345.29      | Nontypical               |
| 1342.32        | 1342.35      | 2                        | 1345.29        | 1345.45      | 3                        |
| 1342.35        | 1342.46      | 1                        | 1345.45        | 1345.46      | Nontypical               |
| 1342.46        | 1342.47      | 2                        | 1345.46        | 1345.50      | 3                        |
| 1342.47        | 1342.50      | 1                        | 1345.50        | 1345.50      | Nontypical               |
| 1342.50        | 1342.50      | Nontypical               | 1345.50        | 1345.57      | 3                        |
| 1342.50        | 1342.56      | 2                        | 1345.57        | 1345.57      | Nontypical               |
| 1342.56        | 1342.56      | Nontypical               | 1345.57        | 1345.60      | 3                        |
| 1342.56        | 1342.59      | 2                        | 1345.60        | 1345.61      | Nontypical               |
| 1342.59        | 1342.83      | 1                        | 1345.61        | 1345.76      | 3                        |
| 1342.83        | 1343.02      | Nontypical               | 1345.76        | 1345.77      | Nontypical               |
| 1343.02        | 1343.12      | 1                        | 1345.77        | 1345.93      | 3                        |
| 1343.12        | 1343.12      | 2                        | 1345.93        | 1346.05      | Nontypical               |

Pipeline Construction Right-of-way Cross Sections and Configuration Table

| Milepost Start | Milepost End | ROW Typical <sup>a</sup> | Milepost Start             | Milepost End | ROW Typical <sup>a</sup> |
|----------------|--------------|--------------------------|----------------------------|--------------|--------------------------|
| 1346.05        | 1346.16      | 3                        | 1349.91                    | 1349.92      | 1                        |
| 1346.16        | 1346.17      | Nontypical               | 1349.92                    | 1349.95      | Nontypical               |
| 1346.17        | 1346.26      | 3                        | 1349.95                    | 1349.96      | 1                        |
| 1346.26        | 1346.30      | Nontypical               | 1349.96                    | 1349.97      | Nontypical               |
| 1346.30        | 1346.51      | 3                        | 1349.97                    | 1349.99      | 2                        |
| 1346.51        | 1346.52      | Nontypical               | 1349.99                    | 1349.99      | Nontypical               |
| 1346.52        | 1346.53      | 3                        | 1349.99                    | 1351.15      | 1                        |
| 1346.53        | 1346.55      | Nontypical               | 1351.15                    | 1351.28      | Nontypical               |
| 1346.55        | 1346.56      | 3                        | 1351.28                    | 1351.35      | 2                        |
| 1346.56        | 1346.60      | Nontypical               | 1351.35                    | 1351.36      | Nontypical               |
| 1346.60        | 1346.63      | 3                        | 1351.36                    | 1351.44      | 2                        |
| 1346.63        | 1346.63      | Nontypical               | 1351.44                    | 1351.45      | Nontypical               |
| 1346.63        | 1346.69      | 3                        | 1351.45                    | 1351.48      | 2                        |
| 1346.69        | 1346.71      | 2                        | 1351.48                    | 1351.50      | Nontypical               |
| 1346.71        | 1346.72      | Nontypical               | 1351.50                    | 1351.57      | 2                        |
| 1346.72        | 1347.13      | 2                        | 1351.57                    | 1351.58      | Nontypical               |
| 1347.13        | 1347.13      | Nontypical               | 1351.58                    | 1351.61      | 2                        |
| 1347.13        | 1347.20      | 2                        | 1351.61                    | 1351.61      | Nontypical               |
| 1347.20        | 1347.29      | 1                        | 1351.61                    | 1351.82      | 2                        |
| 1347.29        | 1347.30      | 2                        |                            |              |                          |
| 1347.30        | 1347.39      | 1                        | <b>Sumner North A Loop</b> |              |                          |
| 1347.39        | 1347.42      | Nontypical               | 1356.90                    | 1356.91      | 2                        |
| 1347.42        | 1347.43      | 2                        | 1356.91                    | 1356.92      | 1                        |
| 1347.43        | 1347.45      | Nontypical               | 1356.92                    | 1356.94      | Nontypical               |
| 1347.45        | 1347.78      | 1                        | 1356.94                    | 1357.17      | 1                        |
| 1347.78        | 1348.10      | Nontypical               | 1357.17                    | 1357.24      | 2                        |
| 1348.10        | 1348.16      | 1                        | 1357.24                    | 1358.00      | 1                        |
| 1348.16        | 1348.17      | 2                        | 1358.00                    | 1358.01      | 2                        |
| 1348.17        | 1348.18      | Nontypical               | 1358.01                    | 1358.11      | 1                        |
| 1348.18        | 1348.19      | 2                        | 1358.11                    | 1358.16      | 2                        |
| 1348.19        | 1348.20      | Nontypical               | 1358.16                    | 1358.31      | 1                        |
| 1348.20        | 1348.22      | 2                        | 1358.31                    | 1358.34      | 2                        |
| 1348.22        | 1348.24      | Nontypical               | 1358.34                    | 1358.47      | 1                        |
| 1348.24        | 1348.26      | 2                        | 1358.47                    | 1358.49      | 2                        |
| 1348.26        | 1348.27      | Nontypical               | 1358.49                    | 1358.70      | 1                        |
| 1348.27        | 1348.28      | 2                        | 1358.70                    | 1358.73      | 2                        |
| 1348.28        | 1348.46      | Nontypical               | 1358.73                    | 1358.75      | 1                        |
| 1348.46        | 1348.48      | 3                        | 1358.75                    | 1358.78      | 2                        |
| 1348.48        | 1348.49      | Nontypical               | 1358.78                    | 1359.00      | 1                        |
| 1348.49        | 1348.50      | 2                        | 1359.00                    | 1359.01      | 2                        |
| 1348.50        | 1348.53      | Nontypical               | 1359.01                    | 1359.04      | 1                        |
| 1348.53        | 1348.54      | 2                        | 1359.04                    | 1359.14      | Nontypical               |
| 1348.54        | 1348.55      | Nontypical               | 1359.14                    | 1359.50      | 1                        |
| 1348.55        | 1348.61      | 2                        | 1359.50                    | 1359.56      | Nontypical               |
| 1348.61        | 1348.62      | Nontypical               | 1359.56                    | 1359.66      | 1                        |
| 1348.62        | 1348.63      | 2                        | 1359.66                    | 1359.83      | Nontypical               |
| 1348.63        | 1348.94      | 1                        | 1359.83                    | 1360.05      | 1                        |
| 1348.94        | 1349.08      | Nontypical               | 1360.05                    | 1360.07      | Nontypical               |
| 1349.08        | 1349.32      | 1                        | 1360.07                    | 1360.37      | 1                        |
| 1349.32        | 1349.42      | Nontypical               | 1360.37                    | 1360.39      | 2                        |
| 1349.42        | 1349.46      | 2                        | 1360.39                    | 1360.51      | 1                        |
| 1349.46        | 1349.47      | Nontypical               | 1360.51                    | 1360.52      | 2                        |
| 1349.47        | 1349.55      | 2                        | 1360.52                    | 1360.63      | 1                        |
| 1349.55        | 1349.65      | Nontypical               | 1360.63                    | 1360.64      | 2                        |
| 1349.65        | 1349.66      | 1                        | 1360.64                    | 1360.65      | Nontypical               |
| 1349.66        | 1349.91      | Nontypical               | 1360.65                    | 1360.66      | 2                        |
|                |              |                          | 1360.66                    | 1360.68      | 1                        |

Pipeline Construction Right-of-way Cross Sections and Configuration Table

| Milepost Start             | Milepost End | ROW Typical <sup>a</sup> | Milepost Start | Milepost End | ROW Typical <sup>a</sup> |
|----------------------------|--------------|--------------------------|----------------|--------------|--------------------------|
| 1360.68                    | 1360.69      | Nontypical               | 1373.25        | 1373.29      | 2                        |
| 1360.69                    | 1360.71      | 1                        | 1373.29        | 1373.52      | 1                        |
| 1360.71                    | 1360.75      | 2                        | 1373.52        | 1373.56      | Nontypical               |
| 1360.75                    | 1360.86      | 1                        | 1373.56        | 1373.65      | 1                        |
| 1360.86                    | 1360.91      | Nontypical               | 1373.65        | 1373.69      | 2                        |
| 1360.91                    | 1361.39      | 1                        | 1373.69        | 1373.71      | Nontypical               |
| 1361.39                    | 1361.47      | Nontypical               | 1373.71        | 1373.80      | 2                        |
| 1361.47                    | 1361.53      | 1                        | 1373.80        | 1373.89      | Nontypical               |
| 1361.53                    | 1361.55      | Nontypical               | 1373.89        | 1373.90      | 2                        |
| 1361.55                    | 1361.60      | 1                        | 1373.90        | 1373.96      | 1                        |
| 1361.60                    | 1361.74      | Nontypical               | 1373.96        | 1373.96      | Nontypical               |
| 1361.74                    | 1361.89      | 2                        | 1373.96        | 1373.99      | 1                        |
| 1361.89                    | 1361.95      | 1                        | 1373.99        | 1374.06      | 2                        |
| 1361.95                    | 1362.27      | 2                        | 1374.06        | 1374.61      | 1                        |
| 1362.27                    | 1362.35      | 1                        | 1374.61        | 1374.87      | Nontypical               |
| 1362.35                    | 1362.40      | 2                        | 1374.87        | 1375.86      | 1                        |
| 1362.40                    | 1362.42      | 1                        | 1375.86        | 1375.89      | 2                        |
| 1362.42                    | 1362.62      | 2                        | 1375.89        | 1376.69      | 1                        |
| 1362.62                    | 1362.71      | 1                        | 1376.69        | 1377.01      | 2                        |
| 1362.71                    | 1362.83      | 2                        | 1377.01        | 1377.63      | 1                        |
| 1362.83                    | 1362.84      | 3                        | 1377.63        | 1377.65      | 2                        |
| 1362.84                    | 1362.85      | Nontypical               | 1377.65        | 1377.67      | 1                        |
| 1362.85                    | 1362.88      | 3                        | 1377.67        | 1377.68      | Nontypical               |
| 1362.88                    | 1363.24      | Nontypical               | 1377.68        | 1377.72      | 2                        |
| 1363.24                    | 1363.31      | 2                        | 1377.72        | 1377.72      | Nontypical               |
| 1363.31                    | 1363.34      | Nontypical               | 1377.72        | 1377.77      | 2                        |
| 1363.34                    | 1363.34      | 2                        | 1377.77        | 1377.79      | Nontypical               |
| 1363.34                    | 1363.36      | Nontypical               | 1377.79        | 1377.80      | 2                        |
| 1363.36                    | 1363.73      | 2                        | 1377.80        | 1377.84      | Nontypical               |
| 1363.73                    | 1363.81      | Nontypical               | 1377.84        | 1377.87      | 2                        |
| 1363.81                    | 1363.83      | 2                        | 1377.87        | 1377.90      | Nontypical               |
| 1363.83                    | 1363.93      | 1                        | 1377.90        | 1377.93      | 2                        |
| <b>Sumner North B Loop</b> |              |                          | 1377.93        | 1377.95      | Nontypical               |
| 1370.89                    | 1370.97      | 1                        | 1377.95        | 1378.40      | 2                        |
| 1370.97                    | 1371.31      | Nontypical               | 1378.40        | 1378.44      | 1                        |
| 1371.31                    | 1371.32      | 2                        | 1378.44        | 1378.45      | 2                        |
| 1371.32                    | 1371.87      | 1                        | 1378.45        | 1378.51      | 1                        |
| 1371.87                    | 1371.89      | 2                        | 1378.51        | 1378.53      | 2                        |
| 1371.89                    | 1371.90      | Nontypical               | 1378.53        | 1378.57      | 1                        |
| 1371.90                    | 1371.91      | 2                        | 1378.57        | 1378.65      | 2                        |
| 1371.91                    | 1371.95      | 1                        | 1378.65        | 1378.66      | Nontypical               |
| 1371.95                    | 1371.98      | 2                        | 1378.66        | 1378.67      | 2                        |
| 1371.98                    | 1372.02      | 1                        | 1378.67        | 1378.69      | Nontypical               |
| 1372.02                    | 1372.08      | Nontypical               | 1378.69        | 1379.03      | 2                        |
| 1372.08                    | 1372.09      | 1                        | 1379.03        | 1379.06      | 1                        |
| 1372.09                    | 1372.11      | 2                        | 1379.06        | 1379.14      | Nontypical               |
| 1372.11                    | 1372.47      | 1                        | 1379.14        | 1379.21      | 1                        |
| 1372.47                    | 1372.61      | Nontypical               | 1379.21        | 1379.23      | 2                        |
| 1372.61                    | 1372.76      | 1                        | 1379.23        | 1379.25      | Nontypical               |
| 1372.76                    | 1372.78      | 2                        | 1379.25        | 1379.32      | 2                        |
| 1372.78                    | 1372.78      | Nontypical               | 1379.32        | 1379.36      | Nontypical               |
| 1372.78                    | 1372.82      | 2                        | 1379.36        | 1379.83      | 2                        |
| 1372.82                    | 1372.82      | Nontypical               | 1379.83        | 1379.91      | 1                        |
| 1372.82                    | 1372.97      | 2                        | 1379.91        | 1380.19      | 2                        |
| 1372.97                    | 1373.17      | Nontypical               | 1380.19        | 1380.21      | 1                        |
| 1373.17                    | 1373.25      | 1                        | 1380.21        | 1380.47      | 2                        |

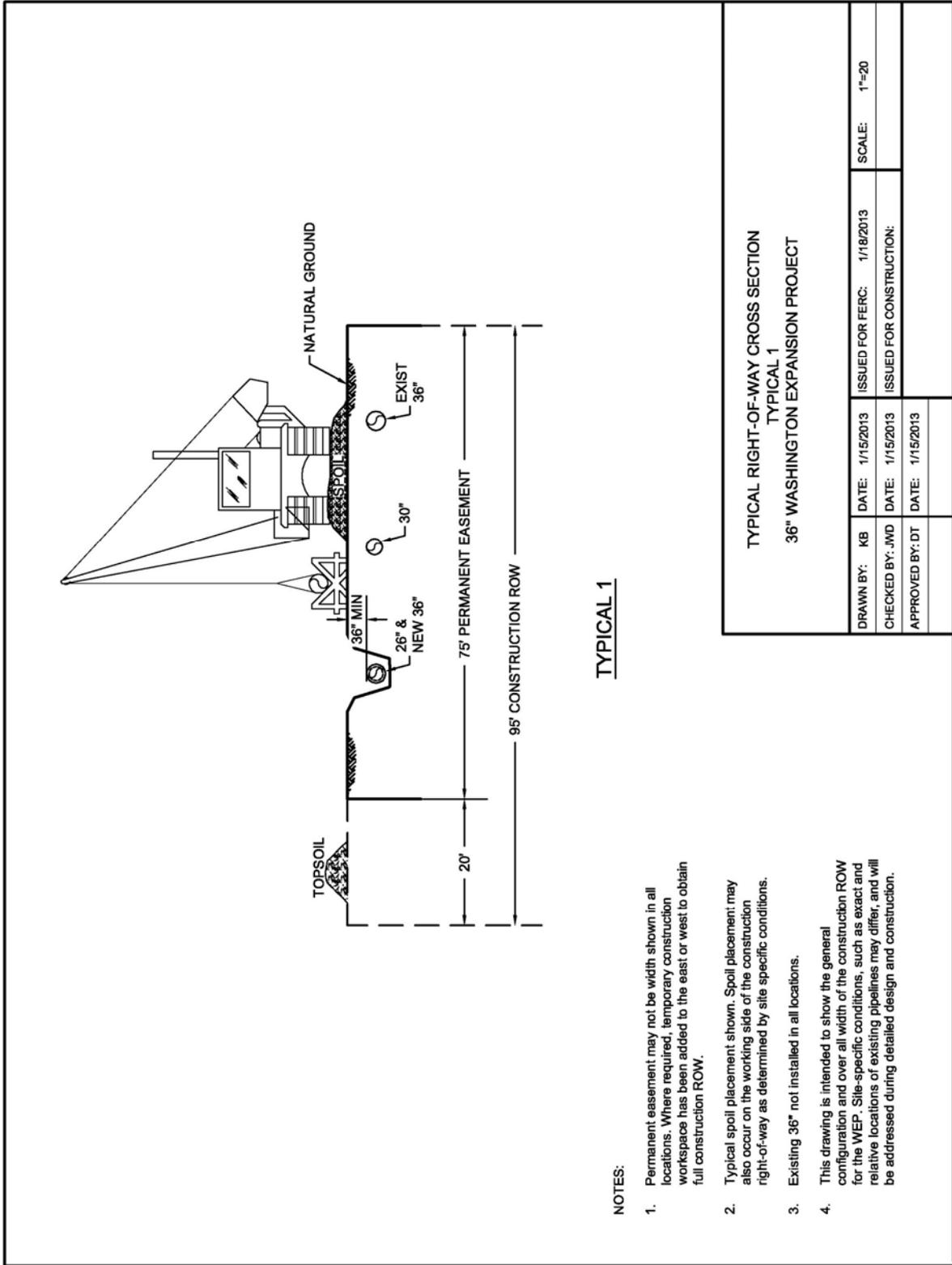
Pipeline Construction Right-of-way Cross Sections and Configuration Table

| Milepost Start        | Milepost End | ROW Typical <sup>a</sup> | Milepost Start | Milepost End | ROW Typical <sup>a</sup> |
|-----------------------|--------------|--------------------------|----------------|--------------|--------------------------|
| 1380.47               | 1380.49      | 1                        | 1401.58        | 1402.86      | 4                        |
| 1380.49               | 1380.68      | 2                        | 1402.86        | 1403.21      | 1                        |
| 1380.68               | 1380.73      | 1                        | 1403.21        | 1403.30      | 2                        |
| 1380.73               | 1380.74      | 2                        | 1403.30        | 1403.38      | 1                        |
| 1380.74               | 1380.87      | Nontypical               | 1403.38        | 1403.40      | 2                        |
| 1380.87               | 1381.18      | 2                        | 1403.40        | 1403.66      | 1                        |
| 1381.18               | 1381.27      | 1                        | 1403.66        | 1403.73      | Nontypical               |
| 1381.27               | 1381.49      | Nontypical               | 1403.73        | 1403.80      | 1                        |
| 1381.49               | 1381.75      | 2                        | 1403.80        | 1403.82      | Nontypical               |
| 1381.75               | 1381.92      | Nontypical               | 1403.82        | 1403.88      | 1                        |
| <b>Snohomish Loop</b> |              |                          | 1403.88        | 1403.89      | Nontypical               |
| 1393.84               | 1394.06      | 1                        | 1403.89        | 1404.12      | 1                        |
| 1394.06               | 1394.39      | Nontypical               | 1404.12        | 1404.15      | 2                        |
| 1394.39               | 1394.41      | 1                        | 1404.15        | 1404.32      | 1                        |
| 1394.41               | 1394.43      | 2                        | 1404.32        | 1404.34      | 2                        |
| 1394.43               | 1394.47      | 1                        | 1404.34        | 1404.40      | 1                        |
| 1394.47               | 1394.48      | 2                        | 1404.40        | 1404.43      | 2                        |
| 1394.48               | 1394.87      | 1                        | 1404.43        | 1404.94      | 1                        |
| 1394.87               | 1394.89      | 2                        | 1404.94        | 1404.94      | Nontypical               |
| 1394.89               | 1395.30      | 1                        | 1404.94        | 1404.97      | 1                        |
| 1395.30               | 1395.33      | 2                        | 1404.97        | 1405.01      | 2                        |
| 1395.33               | 1395.37      | 1                        | 1405.01        | 1405.36      | 1                        |
| 1395.37               | 1395.49      | 2                        | 1405.36        | 1405.39      | 2                        |
| 1395.49               | 1395.60      | 1                        | 1405.39        | 1405.48      | 1                        |
| 1395.60               | 1396.11      | Nontypical               | 1405.48        | 1405.49      | Nontypical               |
| 1396.11               | 1396.22      | 1                        | 1405.49        | 1405.65      | 1                        |
| 1396.22               | 1396.35      | 2                        | 1405.65        | 1405.70      | 2                        |
| 1396.35               | 1396.59      | 1                        | 1405.70        | 1405.85      | 1                        |
| 1396.59               | 1396.95      | Nontypical               | 1405.85        | 1405.89      | 2                        |
| 1396.95               | 1396.99      | 1                        | 1405.89        | 1406.00      | 1                        |
| 1396.99               | 1397.06      | Nontypical               | 1406.00        | 1406.06      | Nontypical               |
| 1397.06               | 1397.39      | 1                        | 1406.06        | 1406.08      | 2                        |
| 1397.39               | 1397.43      | 2                        | 1406.08        | 1406.32      | 1                        |
| 1397.43               | 1398.35      | Nontypical               | 1406.32        | 1406.39      | 2                        |
| 1398.35               | 1399.65      | 1                        | 1406.39        | 1406.53      | 1                        |
| 1399.65               | 1399.67      | Nontypical               | 1406.53        | 1406.59      | 2                        |
| 1399.67               | 1399.72      | 1                        | 1406.59        | 1406.66      | 1                        |
| 1399.72               | 1399.75      | 2                        | 1406.66        | 1406.67      | 2                        |
| 1399.75               | 1399.89      | 1                        | 1406.67        | 1406.95      | 1                        |
| 1399.89               | 1399.95      | 2                        | 1406.95        | 1407.45      | Nontypical               |
| 1399.95               | 1399.97      | Nontypical               | 1407.45        | 1407.53      | 2                        |
| 1399.97               | 1400.03      | 2                        | 1407.53        | 1407.63      | 1                        |
| 1400.03               | 1400.04      | Nontypical               | 1407.63        | 1407.64      | Nontypical               |
| 1400.04               | 1400.10      | 2                        | 1407.64        | 1407.64      | 2                        |
| 1400.10               | 1400.11      | Nontypical               | 1407.64        | 1407.93      | 1                        |
| 1400.11               | 1400.30      | 2                        | 1407.93        | 1407.98      | 2                        |
| 1400.30               | 1400.33      | 1                        | 1407.98        | 1407.99      | Nontypical               |
| 1400.33               | 1400.34      | 2                        | 1407.99        | 1408.02      | 2                        |
| 1400.34               | 1400.42      | 1                        | 1408.02        | 1408.21      | 1                        |
| 1400.42               | 1400.44      | 2                        | 1408.21        | 1408.22      | 2                        |
| 1400.44               | 1400.45      | 1                        | 1408.22        | 1408.54      | 1                        |
| 1400.45               | 1400.46      | 2                        | 1408.54        | 1408.60      | 2                        |
| 1400.46               | 1400.72      | 1                        | 1408.60        | 1408.75      | 1                        |
| 1400.72               | 1400.87      | 2                        | 1408.75        | 1408.76      | Nontypical               |
| 1400.87               | 1401.57      | 4                        | 1408.76        | 1408.95      | 1                        |
| 1401.57               | 1401.58      | Nontypical               | 1408.95        | 1408.96      | 2                        |

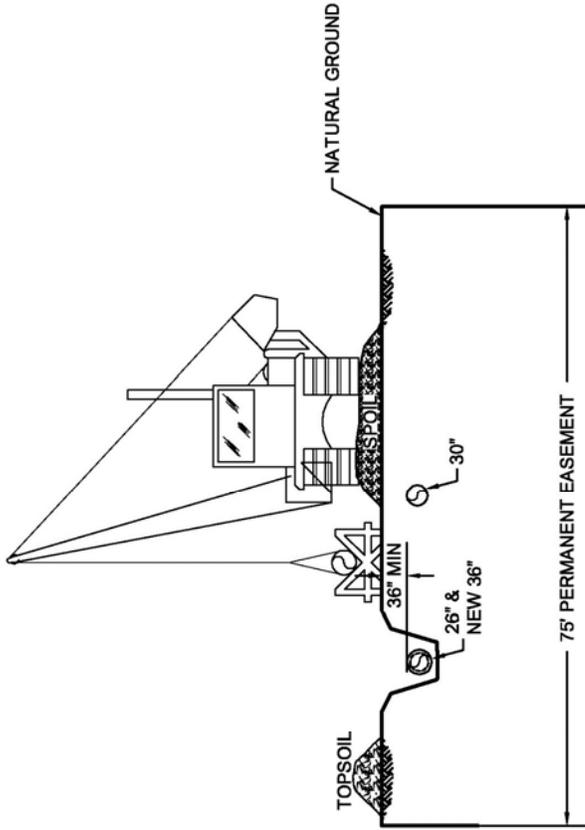
Pipeline Construction Right-of-way Cross Sections and Configuration Table

| Milepost Start                 | Milepost End | ROW Typical <sup>a</sup> | Milepost Start  | Milepost End | ROW Typical <sup>a</sup> |
|--------------------------------|--------------|--------------------------|---|--------------|--------------------------|
| 1408.96                        | 1409.4       | 1                        | 1478.97   | 1478.98      | Nontypical               |
| <b>Mt. Vernon South Loop</b>   |              |                          | 1478.98   | 1479.29      | 1                        |
| 1435.67                        | 1437.19      | 1                        | 1479.29   | 1479.33      | 2                        |
| 1437.19                        | 1437.20      | 2                        | 1479.33   | 1479.74      | 1                        |
| 1437.20                        | 1437.60      | 1                        | 1479.74   | 1479.76      | 2                        |
| 1437.60                        | 1437.61      | 2                        | 1479.76   | 1479.90      | 1                        |
| 1437.61                        | 1437.73      | 1                        | 1479.90   | 1479.94      | 2                        |
| 1437.73                        | 1437.74      | 2                        | 1479.94   | 1479.98      | 1                        |
| 1437.74                        | 1437.87      | 1                        | 1479.98   | 1479.99      | 2                        |
| 1437.87                        | 1437.93      | 2                        | 1479.99   | 1480.03      | 1                        |
| 1437.93                        | 1437.96      | 1                        | 1480.03   | 1480.05      | 2                        |
| 1437.96                        | 1438.02      | 2                        | 1480.05   | 1480.30      | 1                        |
| 1438.02                        | 1438.73      | 1                        | 1480.30   | 1480.33      | 2                        |
| 1438.73                        | 1438.76      | 2                        | 1480.33   | 1480.68      | 1                        |
| 1438.76                        | 1438.87      | 1                        | 1480.68   | 1480.72      | 2                        |
| 1438.87                        | 1438.94      | 2                        | 1480.72   | 1480.87      | 1                        |
| 1438.94                        | 1439.00      | 1                        | 1480.87   | 1480.88      | 2                        |
| 1439.00                        | 1439.17      | Nontypical               | 1480.88   | 1481.53      | 1                        |
| 1439.17                        | 1440.07      | 1                        | 1481.53   | 1481.56      | Nontypical               |
| 1440.07                        | 1440.18      | Nontypical               | 1481.56   | 1483.05      | 4                        |
| <b>Mt. Vernon North A Loop</b> |              |                          | 1483.05   | 1483.13      | Nontypical               |
| 1440.20                        | 1441.44      | 1                        | 1483.13   | 1484.21      | 4                        |
| 1441.44                        | 1441.45      | 2                        | 1484.21   | 1484.48      | Nontypical               |
| 1441.45                        | 1442.10      | 1                        | <sup>a</sup> The numbers in this column correlate with the typical drawings that follow. Nontypical right-of-way configurations are those areas for which the typicals do not apply. Nontypical configurations occur for 23.0 miles of WEP. |              |                          |
| 1442.10                        | 1442.12      | 2                        |   |              |                          |
| 1442.12                        | 1443.08      | 1                        |   |              |                          |
| 1443.08                        | 1443.10      | 2                        |   |              |                          |
| 1443.10                        | 1444.88      | 1                        |   |              |                          |
| 1444.88                        | 1444.97      | River Crossing           |   |              |                          |
| 1444.97                        | 1444.98      | 1                        |   |              |                          |
| 1444.98                        | 1445.02      | Nontypical               |   |              |                          |
| <b>Mt. Vernon North B Loop</b> |              |                          |   |              |                          |
| 1453.53                        | 1454.17      | 1                        |   |              |                          |
| 1454.17                        | 1454.18      | 2                        |   |              |                          |
| 1454.18                        | 1454.24      | 1                        |   |              |                          |
| 1454.24                        | 1454.24      | 2                        |   |              |                          |
| 1454.24                        | 1454.87      | 1                        |   |              |                          |
| 1454.87                        | 1454.88      | 2                        |   |              |                          |
| 1454.88                        | 1458.43      | 1                        |   |              |                          |
| 1458.43                        | 1458.45      | 2                        |   |              |                          |
| 1458.45                        | 1458.47      | Nontypical               |   |              |                          |
| 1458.47                        | 1458.73      | 4                        |   |              |                          |
| 1458.73                        | 1458.78      | Nontypical               |   |              |                          |
| 1458.78                        | 1458.82      | 4                        |   |              |                          |
| 1458.82                        | 1458.95      | Nontypical               |   |              |                          |
| 1458.95                        | 1459.03      | 4                        |   |              |                          |
| 1459.03                        | 1459.39      | Nontypical               |   |              |                          |
| 1459.39                        | 1459.64      | 4                        |   |              |                          |
| 1459.64                        | 1459.66      | Nontypical               |   |              |                          |
| 1459.66                        | 1460.37      | 4                        |   |              |                          |
| 1460.37                        | 1460.48      | Nontypical               |   |              |                          |
| 1460.48                        | 1461.37      | 4                        |   |              |                          |
| 1461.37                        | 1461.74      | Nontypical               |   |              |                          |
| 1461.74                        | 1461.88      | 2                        |   |              |                          |
| <b>Sumas Loop</b>              |              |                          |   |              |                          |
| 1478.58                        | 1478.97      | 1                        |   |              |                          |

Pipeline Construction Right-of-way Cross Sections and Configuration Table



Pipeline Construction Right-of-way Cross Sections and Configuration Table



TYPICAL 2

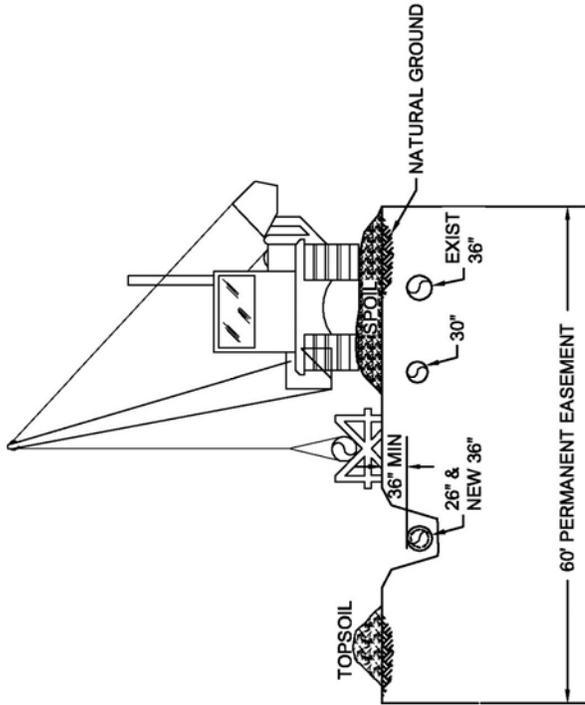
NOTES:

1. Permanent easement may not be width shown in all locations. Where required, temporary construction workspace has been added to the east or west to obtain full construction ROW.
2. Typical spoil placement shown. Spoil placement may also occur on the working side of the construction right-of-way as determined by site specific conditions.
3. Existing 36" not installed in all locations.
4. This drawing is intended to show the general configuration and over all width of the construction ROW for the WEP. Site-specific conditions, such as exact and relative locations of existing pipelines may differ, and will be addressed during detailed design and construction.

TYPICAL RIGHT-OF-WAY CROSS SECTION  
TYPICAL 2  
36" WASHINGTON EXPANSION PROJECT

|                 |                 |                            |               |
|-----------------|-----------------|----------------------------|---------------|
| DRAWN BY: KB    | DATE: 1/15/2013 | ISSUED FOR FERC: 1/19/2013 | SCALE: 1"=20' |
| CHECKED BY: JWD | DATE: 1/15/2013 | ISSUED FOR CONSTRUCTION:   |               |
| APPROVED BY: DT | DATE: 1/15/2013 |                            |               |

Pipeline Construction Right-of-way Cross Sections and Configuration Table



**TYPICAL 3**

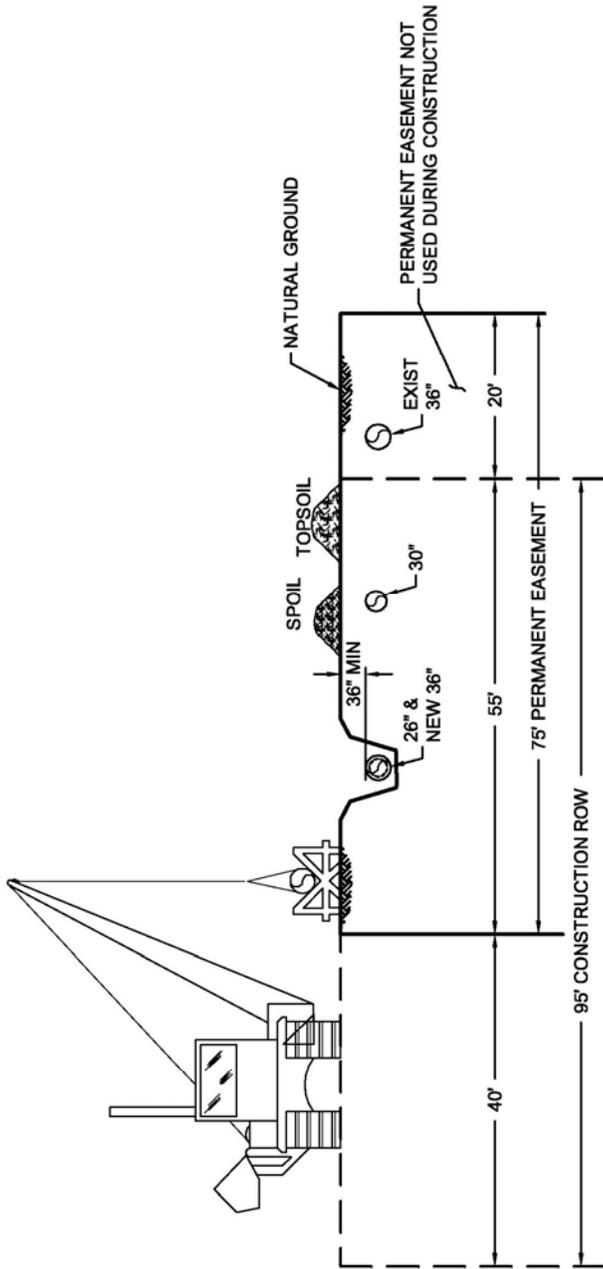
**NOTES:**

1. Permanent easement may not be width shown in all locations. Where required, temporary construction workspace has been added to the east or west to obtain full construction ROW.
2. Typical spoil placement shown. Spoil placement may also occur on the working side of the construction right-of-way as determined by site specific conditions.
3. Existing 36" not installed in all locations.
4. This drawing is intended to show the general configuration and over all width of the construction ROW for the WEP. Site-specific conditions, such as exact and relative locations of existing pipelines may differ, and will be addressed during detailed design and construction.

**TYPICAL RIGHT-OF-WAY CROSS SECTION  
TYPICAL 3  
36" WASHINGTON EXPANSION PROJECT**

|                 |                 |                            |               |
|-----------------|-----------------|----------------------------|---------------|
| DRAWN BY: KB    | DATE: 1/15/2013 | ISSUED FOR FERC: 1/18/2013 | SCALE: 1"=20' |
| CHECKED BY: JWD | DATE: 1/15/2013 | ISSUED FOR CONSTRUCTION:   |               |
| APPROVED BY: DT | DATE: 1/15/2013 |                            |               |

Pipeline Construction Right-of-way Cross Sections and Configuration Table



**TYPICAL 4**

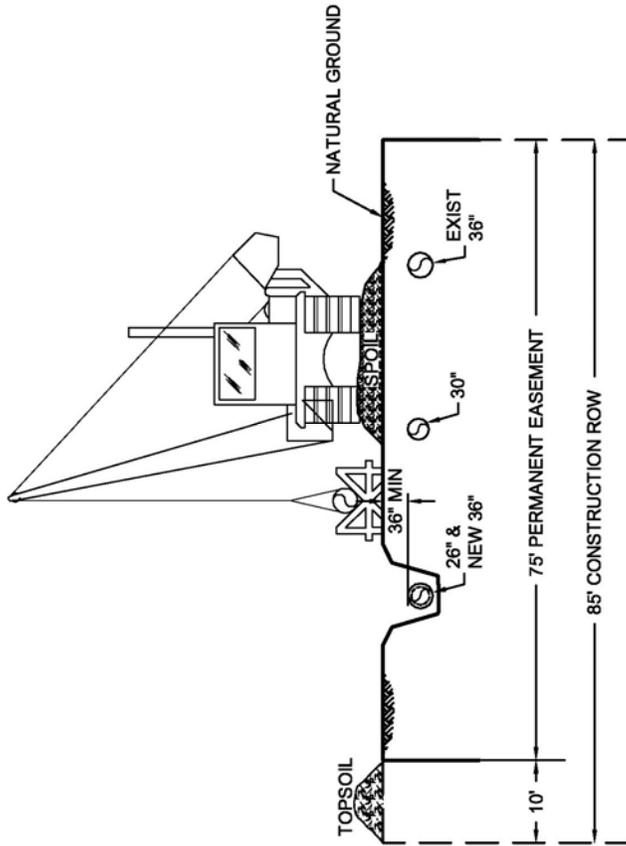
**NOTES:**

1. Permanent easement may not be width shown in all locations. Where required, temporary construction workspace has been added to the east or west to obtain full construction ROW.
2. Typical spoil placement shown. Spoil placement may also occur on the working side of the construction right-of-way as determined by site specific conditions.
3. Existing 36" not installed in all locations.
4. This drawing is intended to show the general configuration and over all width of the construction ROW for the WEP. Site-specific conditions, such as exact and relative locations of existing pipelines may differ, and will be addressed during detailed design and construction.

TYPICAL RIGHT-OF-WAY CROSS SECTION  
TYPICAL 4  
36" WASHINGTON EXPANSION PROJECT

|                 |                 |                            |               |
|-----------------|-----------------|----------------------------|---------------|
| DRAWN BY: KB    | DATE: 1/15/2013 | ISSUED FOR FERC: 1/18/2013 | SCALE: 1"=20' |
| CHECKED BY: JWD | DATE: 1/15/2013 | ISSUED FOR CONSTRUCTION:   |               |
| APPROVED BY: DT | DATE: 1/15/2013 |                            |               |

Pipeline Construction Right-of-way Cross Sections and Configuration Table



TYPICAL 5

NOTES:

1. Permanent easement may not be width shown in all locations. Where required, temporary construction workspace has been added to the east or west to obtain full construction ROW.
2. Typical spoil placement shown. Spoil placement may also occur on the working side of the construction right-of-way as determined by site specific conditions.
3. Existing 36" not installed in all locations.
4. This drawing is intended to show the general configuration and over all width of the construction ROW for the WEP. Site-specific conditions, such as exact and relative locations of existing pipelines may differ, and will be addressed during detailed design and construction.

TYPICAL RIGHT-OF-WAY CROSS SECTION  
TYPICAL 5  
36" WASHINGTON EXPANSION PROJECT

|                 |                 |                            |               |
|-----------------|-----------------|----------------------------|---------------|
| DRAWN BY: KB    | DATE: 1/15/2013 | ISSUED FOR FERC: 1/18/2013 | SCALE: 1"=20' |
| CHECKED BY: JWD | DATE: 1/15/2013 | ISSUED FOR CONSTRUCTION:   |               |
| APPROVED BY: DT | DATE: 1/15/2013 |                            |               |

## **APPENDIX I3**

### **PIPELINE ROUTE MINOR VARIATIONS**

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# Appendix I3 Figure 1

## Kalama River Crossing

### LEGEND

- Washington Expansion Project
- Route Milepost (10th mile)
- Compressor Station
- Washington Expansion Project Route
- Minor Route Variations
- Kalama River - Option B

Kalama River Option C is collocated within the WEP route, but utilizes a different crossing method.



0 1,000 2,000  
Feet



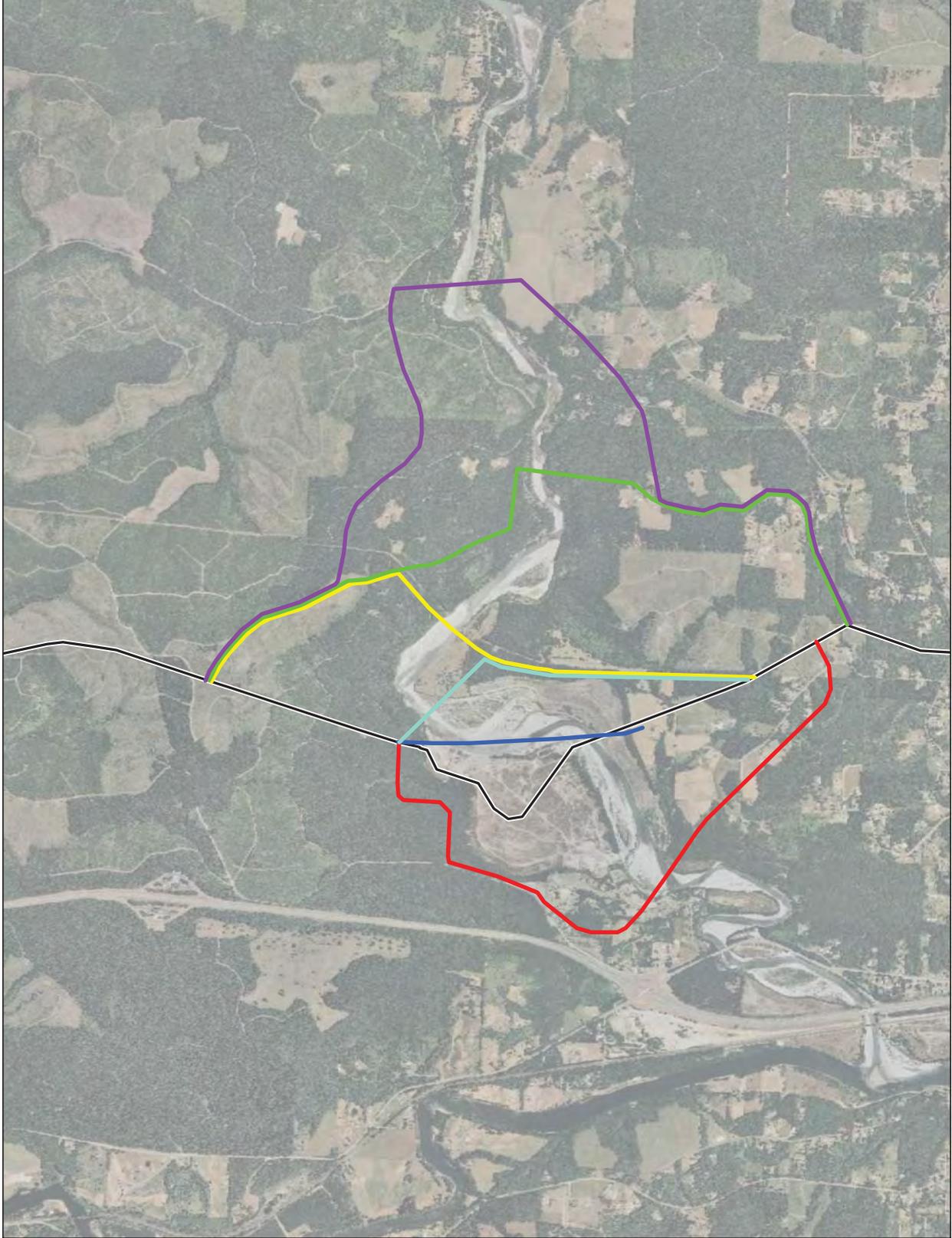
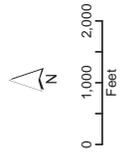
# Appendix I3 Figure 2

## 2007 Toutle River

### HDD Evaluation

#### LEGEND

- Existing Williams Pipeline Route
- Alternative A
- Alternative B
- Alternative BC
- Alternative C
- Alternative D
- Alternative E

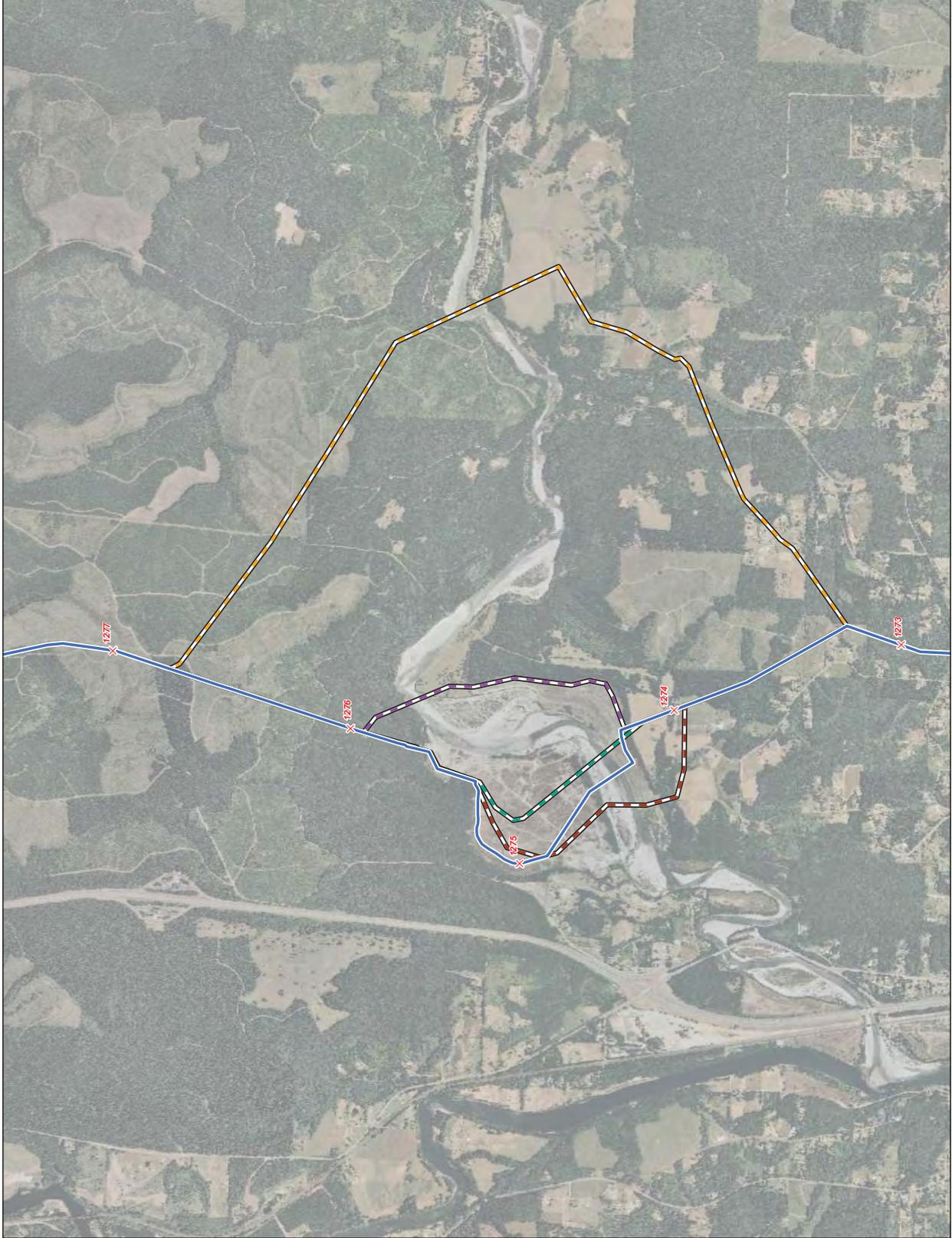
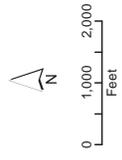


# Appendix I3 Figure 3

## Toutle River Crossing

### LEGEND

- Washington Expansion Project
- Route Milepost (10th mile)
- Compressor Station
- Washington Expansion Project Route
- Minor Route Variations
- Toutle River - Option B
- Toutle River - Option C
- Toutle River - Option D
- Toutle River - Option E



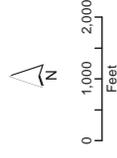
# Appendix I3 Figure 4a

## Deschutes River and Vail Mountain Crossing

### LEGEND

- Washington Expansion Project
- Route Milepost (10th mile)
- Compressor Station
- Washington Expansion Project Route
- Minor Route Variations

Deschutes River/Vail Mountain -  
Option B

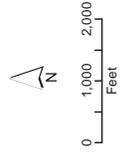


# Appendix I3 Figure 4b Deschutes River and Vail Mountain Crossing

## LEGEND

- Washington Expansion Project
- Route Milepost (10th mile)
- Compressor Station
- Washington Expansion Project Route
- Minor Route Variations

Deschutes River/Vail Mountain - Option B



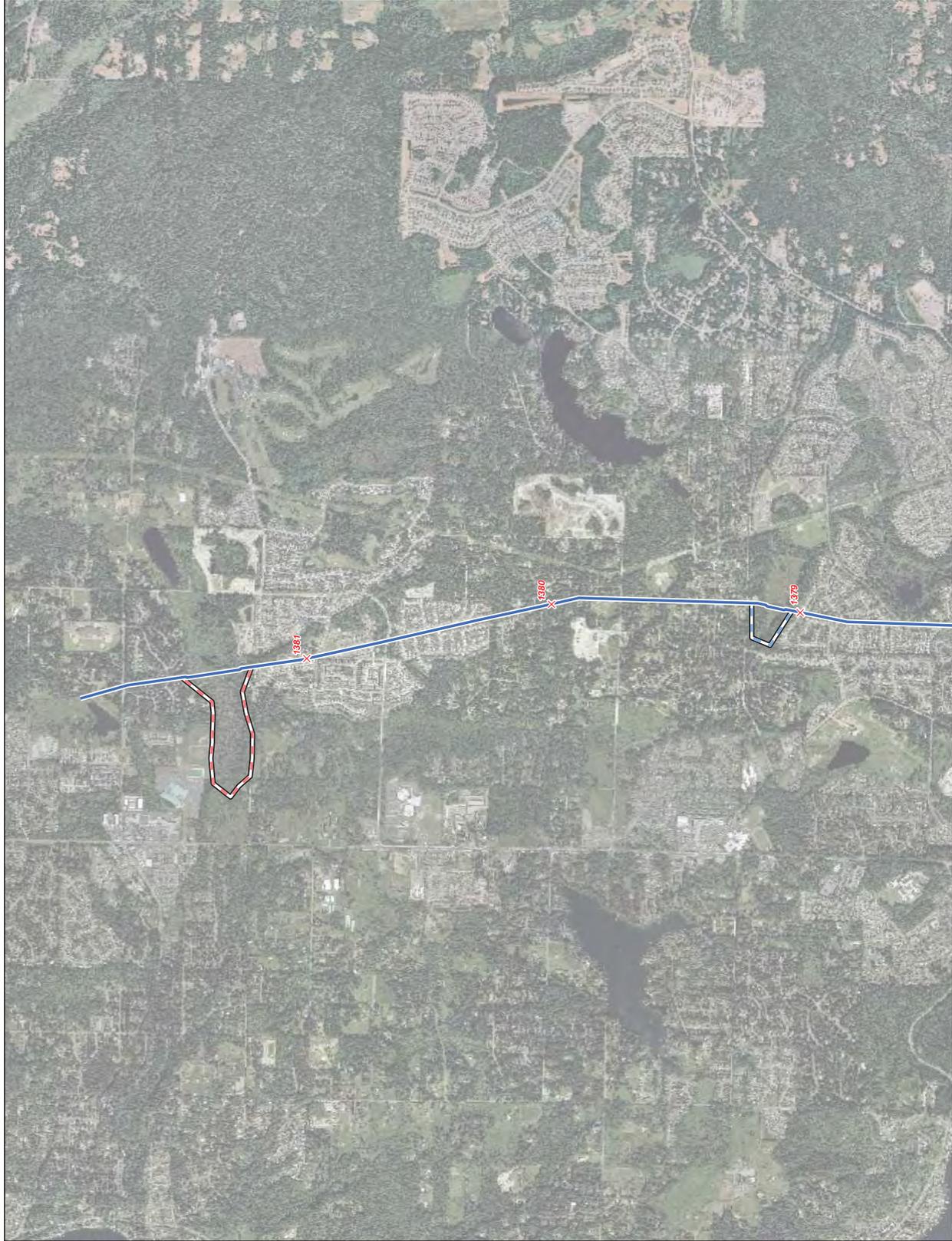
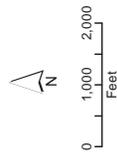
# Appendix I3 Figure 5

## Queens Bog and Unnamed Bog at MP 1381.3 Crossing

### LEGEND

- Washington Expansion Project
- Route Milepost (10th mile)
- Compressor Station
- Washington Expansion Project Route
- Minor Route Variations

- Queens Bog - Option B
- Unnamed Bog at MP 1381.3 - Option B



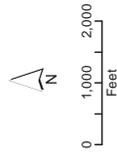
# Appendix I3 Figure 6

## Skagit River and Heartbreak Hill Crossing

### LEGEND

- Washington Expansion Project
- Route Milepost (10th mile)
- Compressor Station
- Washington Expansion Project Route
- Minor Route Variations

Skagit River - Option B





## **APPENDIX I4**

### **ADDITIONAL TEMPORARY WORKSPACE FOR THE PIPELINE ROUTE**



## Appendix I4

## Additional Temporary Workspace for the Pipeline Route

| Loop Number | Loop Name | ATWS ID  | Description/Justification <sup>a</sup>   | Access            | Land Use Code and Description               | Land Use Acreage <sup>b</sup> |
|-------------|-----------|----------|--|-------------------|---|-------------------------------|
| 1           | Woodland  | 1244.31a | Mobilization, pipe stockpile, hydrotest, aboveground facilities installation           | AR 100.1          | 62-Nonforested wetland                      | 0.51                          |
| 1           | Woodland  | 1244.31b | Mobilization, pipe stockpile, hydrotest  | AR 100.1          | 21-Cropland and pasture                     | 4.10                          |
|             |           |          |  |                   | 62-Nonforested wetland                      | 0.00                          |
|             |           |          |  |                   | 62-Nonforested wetland                      | 0.39                          |
| 1           | Woodland  | 1244.78  | Steep terrain  | ROW               | 11-Residential                              | 0.43                          |
|             |           |          |  |                   | 14-Transportation, communication, utilities | 0.00                          |
| 1           | Woodland  | 1244.89  | Steep terrain  | ROW               | 11-Residential                              | 0.07                          |
| 1           | Woodland  | 1245.12  | Removal of existing pipe, equipment staging  | AR 101            | 43-Mixed forest land                        | 0.40                          |
| 1           | Woodland  | 1246.03  | Spoil storage, passing lane  | ROW               | 21-Cropland and pasture                     | 0.14                          |
| 1           | Woodland  | 1246.04  | Spoil storage, passing lane  | ROW               | 21-Cropland and pasture                     | 0.08                          |
| 1           | Woodland  | 1246.19  | Removal of existing pipe, equipment staging  | AR 103            | 11-Residential                              | 0.43                          |
| 1           | Woodland  | 1246.99  | Removal of existing pipe, timber storage, equipment staging, nearby valve installation | AR 105            | 43-Mixed forest land                        | 0.25                          |
| 1           | Woodland  | 1248.09  | Steep terrain, point of intersection   | ROW               | 43-Mixed forest land                        | 0.34                          |
| 1           | Woodland  | 1248.21  | Steep terrain, point of intersection   | ROW               | 21-Cropland and pasture                     | 0.22                          |
| 1           | Woodland  | 1248.42  | Removal of existing pipe, equipment staging, road crossing, vehicle parking            | AR 107            | 21-Cropland and pasture                     | 0.94                          |
|             |           |          |  |                   | 14-Transportation, communication, utilities | 0.00                          |
| 1           | Woodland  | 1248.65  | Spoil storage, slight side hill  | ROW               | 21-Cropland and pasture                     | 0.44                          |
| 1           | Woodland  | 1249.07  | Removal of existing pipe, timber storage, equipment staging                            | AR 109.1          | 43-Mixed forest land                        | 0.22                          |
| 1           | Woodland  | 1249.21  | Removal of existing pipe, timber storage, equipment staging                            | AR 109            | 43-Mixed forest land                        | 0.22                          |
| 1           | Woodland  | 1249.22  | Side slope   | AR 109            | 43-Mixed forest land                        | 0.11                          |
| 1           | Woodland  | 1249.38  | Point of intersection  | ROW               | 43-Mixed forest land                        | 0.07                          |
| 1           | Woodland  | 1250.66  | Removal of existing pipe, timber storage, equipment staging                            | AR 110            | 14-Transportation, communication, utilities | 0.22                          |
| 1           | Woodland  | 1251.27  | Existing Northwest Pipeline facility, road crossing                                    | China Garden Road | 11-Residential                              | 0.17                          |
|             |           |          |  |                   | 14-Transportation, communication, utilities | 0.00                          |
| 1           | Woodland  | 1251.67  | Removal of existing pipe, timber storage, equipment staging                            | AR 111            | 43-Mixed forest land                        | 0.46                          |
| 1           | Woodland  | 1252.46  | Steep terrain, timber storage  | AR 112.1          | 43-Mixed forest land                        | 0.15                          |
| 1           | Woodland  | 1252.58  | Steep terrain, timber storage  | ROW               | 21-Cropland and pasture                     | 0.25                          |
| 1           | Woodland  | 1252.94  | Removal of existing pipe, equipment staging  | AR 113            | 43-Mixed forest land                        | 0.23                          |
| 1           | Woodland  | 1253.37  | Point of intersection, river crossing construction, equipment egress, hydrotest        | AR 114            | 43-Mixed forest land                        | 0.13                          |
| 1           | Woodland  | 1253.47  | Point of intersection, river crossing construction, road crossing, hydrotest           | Kalama River Road | 11-Residential                              | 0.64                          |
|             |           |          |  |                   | 51-Streams and canals                       | 0.00                          |
|             |           |          |  |                   | 14-Transportation, communication, utilities | 0.01                          |
| 1           | Woodland  | 1253.52  | Road crossing, equipment staging   | Kalama River Road | 11-Residential                              | 0.11                          |
|             |           |          |  |                   | 14-Transportation, communication, utilities | 0.06                          |

## Appendix I4

## Additional Temporary Workspace for the Pipeline Route

| Loop Number | Loop Name | ATWS ID  | Description/Justification <sup>a</sup>   | Access           | Land Use Code and Description  | Land Use Acreage <sup>b</sup> |
|-------------|-----------|----------|--|------------------|--|-------------------------------|
| 1           | Woodland  | 1253.95  | Equipment/crew staging, parking area   | AR 115.1         | 43-Mixed forest land   | 0.03                          |
| 1           | Woodland  | 1253.96  | Pipe staging, removal of existing pipe, timber storage, steep terrain, turnaround area | AR 115.1         | 43-Mixed forest land   | 0.29                          |
| 1           | Woodland  | 1253.97a | Equipment/crew staging, parking area   | AR 115.1         | 43-Mixed forest land   | 0.10                          |
| 1           | Woodland  | 1253.97b | Equipment/crew staging, parking area   | AR 115.1         | 43-Mixed forest land   | 0.33                          |
| 1           | Woodland  | 1253.98  | Removal of existing pipe, equipment staging  | AR 115.1         | 43-Mixed forest land   | 0.21                          |
| 1           | Woodland  | 1254.50  | Timber storage, turnaround area, equipment staging                                     | AR 116           | 42-Evergreen forest land<br>43-Mixed forest land   | 0.14<br>0.09                  |
| 1           | Woodland  | 1255.74  | Road crossing, valve installation  | Kool Road        | 21-Cropland and pasture<br>14-Transportation, communication, utilities                   | 0.34<br>0.02                  |
| 1           | Woodland  | 1256.58  | Removal of existing pipe, timber storage, equipment staging                            | AR 117           | 43-Mixed forest land   | 0.15                          |
| 1           | Woodland  | 1256.95  | Pipe staging, removal of existing pipe, road crossing, wetland staging                 | Fishpond Road    | 21-Cropland and pasture  | 0.50                          |
| 1           | Woodland  | 1257.07  | Point of intersection, wetland/stream crossing   | ROW              | 21-Cropland and pasture  | 0.05                          |
| 1           | Woodland  | 1257.09  | Wetland/stream crossing  | ROW              | 21-Cropland and pasture  | 0.01                          |
| 1           | Woodland  | 1257.15  | Wetland/stream crossing, passing lane  | AR 118           | 21-Cropland and pasture<br>11-Residential<br>14-Transportation, communication, utilities | 0.10<br>0.08<br>0.00          |
| 1           | Woodland  | 1257.20  | Pipe staging, removal of existing pipe, equipment staging                              | AR 118           | 21-Cropland and pasture  | 0.23                          |
| 1           | Woodland  | 1257.51  | Point of intersection, road crossing, wetland staging                                  | Rose Valley Road | 21-Cropland and pasture<br>14-Transportation, communication, utilities                   | 0.22<br>0.03                  |
| 1           | Woodland  | 1258.19a | Existing Northwest Pipeline facility, parking  | AR 120           | 14-Transportation, communication, utilities  | 0.29                          |
| 1           | Woodland  | 1258.19b | Removal of existing pipe, equipment staging, wetland staging                           | AR 120           | 21-Cropland and pasture  | 0.36                          |
| 1           | Woodland  | 1258.33  | Passing lane, wetland crossing   | ROW              | 21-Cropland and pasture  | 0.14                          |
| 1           | Woodland  | 1258.78  | Road crossing  | AR 121.1         | 43-Mixed forest land<br>14-Transportation, communication, utilities                      | 0.02<br>0.00                  |
| 1           | Woodland  | 1258.86  | Side slope, wetland crossing   | AR 120           | 43-Mixed forest land<br>14-Transportation, communication, utilities                      | 0.33<br>0.00                  |
| 1           | Woodland  | 1258.95  | Points of intersection, road crossing, side slope, 26-inch abandonment cap             | AR 120           | 43-Mixed forest land<br>11-Residential<br>14-Transportation, communication, utilities    | 0.07<br>0.01<br>0.01          |
| 1           | Woodland  | 1259.02  | Side slope, stream crossing  | ROW              | 43-Mixed forest land<br>11-Residential   | 0.12<br>0.02                  |
| 1           | Woodland  | 1259.16  | Steep terrain, stream crossing   | ROW              | 43-Mixed forest land   | 0.43                          |
| 1           | Woodland  | 1259.36  | Steep terrain, stream crossing   | ROW              | 43-Mixed forest land   | 0.44                          |
| 1           | Woodland  | 1259.55  | Steep terrain, stream crossing   | ROW              | 43-Mixed forest land   | 0.32                          |

## Appendix I4

## Additional Temporary Workspace for the Pipeline Route

| Loop Number | Loop Name | ATWS ID | Description/Justification <sup>a</sup>   | Access            | Land Use Code and Description               | Land Use Acreage <sup>b</sup> |
|-------------|-----------|---------|--|-------------------|---|-------------------------------|
| 1           | Woodland  | 1259.78 | Side slope, steep terrain, stream crossing   | ROW               | 43-Mixed forest land                        | 0.63                          |
| 1           | Woodland  | 1260.07 | Steep terrain, stream crossing   | AR 122            | 43-Mixed forest land                        | 0.69                          |
| 1           | Woodland  | 1260.44 | Side slope, steep terrain, wetland/waterbody crossing, points of intersection          | AR 122.1/AR 122.2 | 21-Cropland and pasture                     | 1.23                          |
|             |           |         |  |                   | 43-Mixed forest land                        | 0.22                          |
|             |           |         |  |                   | 62-Nonforested wetland                      | 0.00                          |
|             |           |         |  |                   | 62-Nonforested wetland                      | 0.52                          |
|             |           |         |  |                   | 51-Streams and canals                       | 0.04                          |
| 1           | Woodland  | 1260.49 | Waterbody crossing, points of intersection, hydrotest                                  | AR 122.1/AR 122.2 | 21-Cropland and pasture                     | 0.22                          |
|             |           |         |  |                   | 51-Streams and canals                       | 0.05                          |
|             |           |         |  |                   | 62-Nonforested wetland                      | 0.07                          |
| 1           | Woodland  | 1260.68 | Removal of existing pipe, pipe/equipment staging                                       | AR 122            | 21-Cropland and pasture                     | 0.51                          |
| 1           | Woodland  | 1261.40 | Removal of existing pipe, pipe/equipment staging                                       | AR 123            | 43-Mixed forest land                        | 0.30                          |
| 1           | Woodland  | 1262.23 | Removal of existing pipe, timber storage, 26-inch abandonment cap                      | ROW               | 43-Mixed forest land                        | 0.27                          |
| 1           | Woodland  | 1262.56 | Turnaround area, valve installation  | ROW               | 11-Residential                              | 0.05                          |
| 1           | Woodland  | 1262.60 | Existing Northwest Pipeline facility, parking, road crossing, 26-inch abandonment cap  | Mt Brynion Road   | 11-Residential                              | 0.08                          |
|             |           |         |  |                   | 14-Transportation, communication, utilities | 0.07                          |
| 1           | Woodland  | 1263.67 | Timber storage, removal of existing pipe, equipment/pipe staging                       | AR 124            | 43-Mixed forest land                        | 0.32                          |
| 1           | Woodland  | 1264.16 | Point of intersection  | ROW               | 43-Mixed forest land                        | 0.10                          |
| 1           | Woodland  | 1264.90 | Waterbody crossing   | ROW               | 43-Mixed forest land                        | 0.06                          |
| 1           | Woodland  | 1264.94 | Waterbody crossing   | ROW               | 43-Mixed forest land                        | 0.06                          |
| 1           | Woodland  | 1265.08 | Pipe staging, removal of existing pipe, timber storage, road crossing, wetland staging | Ostrander Road    | 21-Cropland and pasture                     | 0.51                          |
| 1           | Woodland  | 1265.14 | Existing Northwest Pipeline facility, parking, road crossing                           | AR 126.1          | 62-Nonforested wetland                      | 0.00                          |
|             |           |         |  |                   | 14-Transportation, communication, utilities | 0.27                          |
| 1           | Woodland  | 1265.17 | Pipe staging, removal of existing pipe, timber storage, road crossing, wetland staging | AR 126            | 21-Cropland and pasture                     | 0.47                          |
|             |           |         |  |                   | 14-Transportation, communication, utilities | 0.07                          |
| 1           | Woodland  | 1265.21 | Side slope   | ROW               | 43-Mixed forest land                        | 0.16                          |
|             |           |         |  |                   | 14-Transportation, communication, utilities | 0.00                          |
| 1           | Woodland  | 1265.22 | Wetland staging, stream crossing   | ROW               | 43-Mixed forest land                        | 0.08                          |
| 1           | Woodland  | 1266.26 | Side slope, parking, stream crossing, parking  | AR 128            | 43-Mixed forest land                        | 1.20                          |
|             |           |         |  |                   | 14-Transportation, communication, utilities | 0.03                          |
| 1           | Woodland  | 1266.55 | Side slope, wetland/stream crossing  | ROW               | 43-Mixed forest land                        | 0.18                          |
| 1           | Woodland  | 1266.68 | Side slope, wetland/stream crossing  | ROW               | 21-Cropland and pasture                     | 0.10                          |
|             |           |         |  |                   | 43-Mixed forest land                        | 0.25                          |
| 1           | Woodland  | 1266.84 | Side slope, wetland/stream crossing  | ROW               | 21-Cropland and pasture                     | 0.03                          |
|             |           |         |  |                   | 43-Mixed forest land                        | 0.34                          |
| 1           | Woodland  | 1266.95 | Side slope, wetland/stream crossing  | ROW               | 43-Mixed forest land                        | 0.03                          |
| 1           | Woodland  | 1267.00 | Side slope, wetland/stream crossing  | ROW               | 43-Mixed forest land                        | 0.15                          |

## Appendix I4

## Additional Temporary Workspace for the Pipeline Route

| Loop Number | Loop Name | ATWS ID | Description/Justification <sup>a</sup>  | Access            | Land Use Code and Description               | Land Use Acreage <sup>b</sup> |
|-------------|-----------|---------|---|-------------------|---|-------------------------------|
| 1           | Woodland  | 1267.11 | Wetland/stream crossing, timber storage   | ROW               | 43-Mixed forest land                        | 0.12                          |
| 1           | Woodland  | 1267.15 | Side slope, wetland/stream crossing   | ROW               | 21-Cropland and pasture                     | 0.08                          |
|             |           |         |   |                   | 43-Mixed forest land                        | 0.20                          |
| 1           | Woodland  | 1267.28 | Side slope, wetland/stream crossing   | ROW               | 43-Mixed forest land                        | 0.27                          |
| 1           | Woodland  | 1267.31 | Wetland/stream crossing, turnaround area, equipment staging                                   | ROW               | 43-Mixed forest land                        | 0.32                          |
| 1           | Woodland  | 1267.49 | Wetland/stream crossing, road crossing  | Headquarters Road | 21-Cropland and pasture                     | 0.23                          |
|             |           |         |   |                   | 43-Mixed forest land                        | 0.10                          |
|             |           |         |   |                   | 14-Transportation, communication, utilities | 0.01                          |
| 1           | Woodland  | 1267.54 | Road crossing, pipe/equipment staging   | Headquarters Road | 21-Cropland and pasture                     | 0.16                          |
|             |           |         |   |                   | 14-Transportation, communication, utilities | 0.01                          |
| 1           | Woodland  | 1267.60 | Stream crossing, road crossing  | Headquarters Road | 43-Mixed forest land                        | 0.11                          |
|             |           |         |   |                   | 14-Transportation, communication, utilities | 0.01                          |
| 1           | Woodland  | 1267.77 | Side slope, stream crossing   | AR 129            | 43-Mixed forest land                        | 0.65                          |
| 1           | Woodland  | 1267.95 | Side slope, wetland/stream crossing   | ROW               | 43-Mixed forest land                        | 0.08                          |
| 1           | Woodland  | 1268.20 | Side slope, wetland/stream crossing   | ROW               | 43-Mixed forest land                        | 1.06                          |
| 1           | Woodland  | 1268.47 | Side slope, wetland/stream crossing   | AR 130            | 43-Mixed forest land                        | 0.11                          |
|             |           |         |   |                   | 14-Transportation, communication, utilities | 0.01                          |
| 1           | Woodland  | 1268.60 | Side slope, wetland/stream crossing   | ROW               | 11-Residential                              | 0.14                          |
| 1           | Woodland  | 1268.64 | Pipe/equipment staging, removal of existing pipe, timber storage                              | AR 130            | 21-Cropland and pasture                     | 0.35                          |
| 1           | Woodland  | 1268.75 | Wetland/stream crossings, side slope  | AR 130/ROW        | 11-Residential                              | 0.48                          |
| 1           | Woodland  | 1269.04 | Point of intersection, wetland/stream crossings   | ROW               | 43-Mixed forest land                        | 0.13                          |
|             |           |         |   |                   | 11-Residential                              | 0.43                          |
| 1           | Woodland  | 1269.26 | Point of intersection, wetland/stream crossings   | AR 131            | 43-Mixed forest land                        | 0.41                          |
| 1           | Woodland  | 1269.39 | Pipe staging, removal of existing pipe, timber storage, road crossing, wetland staging        | AR 132            | 21-Cropland and pasture                     | 0.14                          |
| 1           | Woodland  | 1269.46 | Side slope, point of intersection, 26-inch abandonment cap                                    | AR 133            | 43-Mixed forest land                        | 0.11                          |
|             |           |         |   |                   | 14-Transportation, communication, utilities | 0.00                          |
| 1           | Woodland  | 1269.63 | Side slope, point of intersection, 26-inch abandonment cap, road crossing, valve installation | Kalmbach Road     | 43-Mixed forest land                        | 0.15                          |
| 1           | Woodland  | 1269.75 | Side slope, road crossing, stream crossing  | Kalmbach Road     | 43-Mixed forest land                        | 0.36                          |
| 1           | Woodland  | 1270.77 | Vehicle parking   | AR 134.1          | 43-Mixed forest land                        | 0.03                          |
| 1           | Woodland  | 1271.26 | Pipe/equipment staging, timber storage, removal of existing pipe                              | AR 134.2          | 43-Mixed forest land                        | 0.21                          |
| 1           | Woodland  | 1272.08 | Side slope, point of intersection, 26-inch abandonment cap                                    | ROW               | 43-Mixed forest land                        | 0.16                          |
| 1           | Woodland  | 1272.19 | Pipe/equipment staging, timber storage, removal of existing pipe                              | AR 134            | 43-Mixed forest land                        | 0.12                          |
| 1           | Woodland  | 1272.40 | Wetland crossing  | ROW               | 43-Mixed forest land                        | 0.17                          |
| 1           | Woodland  | 1272.48 | Wetland/stream crossings  | ROW               | 43-Mixed forest land                        | 0.20                          |
| 1           | Woodland  | 1272.51 | Point of intersection, timber storage   | ROW               | 43-Mixed forest land                        | 0.09                          |

## Appendix I4

## Additional Temporary Workspace for the Pipeline Route

| Loop Number | Loop Name | ATWS ID  | Description/Justification <sup>a</sup>   | Access             | Land Use Code and Description               | Land Use Acreage <sup>b</sup> |
|-------------|-----------|----------|--|--------------------|---|-------------------------------|
| 1           | Woodland  | 1272.60  | Timber storage, removal of existing pipe   | AR 135             | 43-Mixed forest land                        | 0.13                          |
| 1           | Woodland  | 1272.71  | Road crossing  | 504 Road           | 21-Cropland and pasture                     | 0.11                          |
| 1           | Woodland  | 1272.76  | Pipe/equipment staging, removal of existing pipe, road crossing  | 504 Road           | 21-Cropland and pasture                     | 0.36                          |
|             |           |          |  |                    | 43-Mixed forest land                        | 0.11                          |
| 1           | Woodland  | 1272.77  | Pipe/equipment staging, removal of existing pipe, road crossing  | 504 Road           | 21-Cropland and pasture                     | 0.19                          |
| 1           | Woodland  | 1273.22  | Point of intersection  | ROW                | 21-Cropland and pasture                     | 0.23                          |
|             |           |          |  |                    | 43-Mixed forest land                        | 0.15                          |
| 1           | Woodland  | 1273.48  | Pipe/equipment staging, removal of existing pipe   | AR 136.1           | 43-Mixed forest land                        | 0.14                          |
|             |           |          |  |                    | 14-Transportation, communication, utilities | 0.00                          |
| 1           | Woodland  | 1273.50  | Pipe/equipment staging, removal of existing pipe   | AR 136.1           | 43-Mixed forest land                        | 0.11                          |
| 1           | Woodland  | 1274.13  | Passing lane, equipment staging  | AR 136.2           | 21-Cropland and pasture                     | 0.49                          |
|             |           |          |  |                    | 51-Streams and canals                       | 0.00                          |
| 1           | Woodland  | 1274.22a | Spoil placement for waterbody crossing, timber storage, hydrotest  | AR 136.3           | 21-Cropland and pasture                     | 10.76                         |
|             |           |          |  |                    | 43-Mixed forest land                        | 1.51                          |
|             |           |          |  |                    | 51-Streams and canals                       | 2.8                           |
|             |           |          |  |                    | 73-Barren land - Non-beach sandy area       | 7.94                          |
| 1           | Woodland  | 1274.22b | Spoil placement for waterbody crossing, pipe section layout, sharp point of intersection, 26 inch abandonment cap, timber storage, hydrotest | AR 136.3/AR 137.1  | 21-Cropland and pasture                     | 3.62                          |
|             |           |          |  |                    | 43-Mixed forest land                        | 2.63                          |
|             |           |          |  |                    | 51-Streams and canals                       | 1.71                          |
|             |           |          |  |                    | 73-Barren land - Non-beach sandy area       | 18.77                         |
| 1           | Woodland  | 1275.43  | Passing lane, pipe staging, pipeline crossover, timber storage   | ROW                | 43-Mixed forest land                        | 0.16                          |
|             |           |          |  |                    | 73-Barren land - Non-beach sandy area       | 0.96                          |
| 1           | Woodland  | 1276.17  | Pipe/equipment staging, removal of existing pipe, timber storage   | AR 137             | 43-Mixed forest land                        | 1.11                          |
| 1           | Woodland  | 1276.95  | Parking  | AR 137.4           | 42-Evergreen forest land                    | 0.08                          |
| 1           | Woodland  | 1277.08  | Side slope, steep terrain, points of intersection, wetland/stream crossings  | AR 137/ROW         | 21-Cropland and pasture                     | 1.36                          |
|             |           |          |  |                    | 42-Evergreen forest land                    | 0.29                          |
|             |           |          |  |                    | 43-Mixed forest land                        | 0.03                          |
| 1           | Woodland  | 1277.33  | Side slope, steep terrain, points of intersection, wetland/stream crossings  | ROW                | 43-Mixed forest land                        | 0.15                          |
| 1           | Woodland  | 1277.65  | Side slope, points of intersection   | ROW                | 42-Evergreen forest land                    | 0.15                          |
| 1           | Woodland  | 1278.42  | Pipe/equipment staging, removal of existing pipe, timber storage, wetland crossing   | AR 138             | 43-Mixed forest land                        | 1.09                          |
| 1           | Woodland  | 1278.47  | Pipe/equipment staging, removal of existing pipe   | AR 138             | 43-Mixed forest land                        | 0.92                          |
| 1           | Woodland  | 1279.04a | Pipe/equipment staging, removal of existing pipe, timber storage   | AR 139             | 43-Mixed forest land                        | 0.40                          |
| 1           | Woodland  | 1279.04b | Pipe/equipment staging, removal of existing pipe, timber storage   | AR 139             | 43-Mixed forest land                        | 0.57                          |
| 1           | Woodland  | 1279.83  | Road crossing, valve installation  | Smokey Valley Road | 62-Nonforested wetland                      | 0.01                          |
|             |           |          |  |                    | 62-Nonforested wetland                      | 0.02                          |
| 1           | Woodland  | 1280.73a | Pipe/equipment staging, removal of existing pipe, road crossing  | Jackson Hwy        | 21-Cropland and pasture                     | 0.25                          |

## Appendix I4

## Additional Temporary Workspace for the Pipeline Route

| Loop Number | Loop Name | ATWS ID  | Description/Justification <sup>a</sup>   | Access             | Land Use Code and Description               | Land Use Acreage <sup>b</sup> |
|-------------|-----------|----------|--|--------------------|---|-------------------------------|
| 1           | Woodland  | 1280.73b | Pipe/equipment staging, removal of existing pipe, road crossing  | AR 140             | 21-Cropland and pasture                     | 0.53                          |
|             |           |          |  |                    | 14-Transportation, communication, utilities | 0.00                          |
| 1           | Woodland  | 1281.30  | Parking, turnaround area   | AR 141.2           | 21-Cropland and pasture                     | 0.08                          |
| 1           | Woodland  | 1281.32  | Parking, turnaround area   | AR 141.2           | 21-Cropland and pasture                     | 0.08                          |
| 1           | Woodland  | 1281.78  | HDD entry, hydrotest   | AR 141.1           | 21-Cropland and pasture                     | 1.24                          |
| 1           | Woodland  | 1282.34  | HDD pullback   | AR 142             | 61-Forested wetland                         | 0.17                          |
|             |           |          |  |                    | 43-Mixed forest land                        | 3.36                          |
|             |           |          |  |                    | 62-Nonforested wetland                      | 0.81                          |
| 1           | Woodland  | 1282.94  | Wetland crossing, pipeline crossover   | ROW                | 43-Mixed forest land                        | 0.05                          |
| 1           | Woodland  | 1283.12  | Road crossing  | Toledo Vader Road  | 42-Evergreen forest land                    | 0.12                          |
| 1           | Woodland  | 1283.16  | Road crossing, pipe/equipment staging  | Toledo Vader Road  | 42-Evergreen forest land                    | 0.44                          |
| 1           | Woodland  | 1283.59  | Road crossing, wetland crossing  | Drews Prairie Road | 21-Cropland and pasture                     | 0.26                          |
|             |           |          |  |                    | 14-Transportation, communication, utilities | 0.01                          |
| 1           | Woodland  | 1283.63  | Road crossing, pipe/equipment staging  | Drews Prairie Road | 21-Cropland and pasture                     | 0.24                          |
| 1           | Woodland  | 1284.21  | Wetland crossing   | ROW                | 42-Evergreen forest land                    | 0.14                          |
| 1           | Woodland  | 1284.75  | Road crossing  | 505 Hwy            | 43-Mixed forest land                        | 0.13                          |
| 1           | Woodland  | 1284.78  | Road crossing  | 505 Hwy            | 43-Mixed forest land                        | 0.08                          |
|             |           |          |  |                    | 62-Nonforested wetland                      | 0.01                          |
| 1           | Woodland  | 1284.89  | Pipe/equipment staging, removal of existing pipe, timber storage, wetland/stream crossings                                     | AR 143             | 21-Cropland and pasture                     | 0.78                          |
|             |           |          |  |                    | 43-Mixed forest land                        | 0.78                          |
| 1           | Woodland  | 1285.78  | Wetland crossing, parking  | AR 144             | 41-Deciduous forest land                    | 0.08                          |
| 1           | Woodland  | 1286.40  | Road crossing  | Frost Road         | 21-Cropland and pasture                     | 0.00                          |
|             |           |          |  |                    | 11-Residential                              | 0.17                          |
| 1           | Woodland  | 1286.57  | Pipe/equipment staging, removal of existing pipe   | AR 145             | 21-Cropland and pasture                     | 0.51                          |
| 1           | Woodland  | 1287.16  | Pipe/equipment staging, removal of existing pipe   | AR 146             | 21-Cropland and pasture                     | 0.64                          |
| 1           | Woodland  | 1287.53a | Road crossing  | Bremgartner Road   | 21-Cropland and pasture                     | 0.15                          |
| 1           | Woodland  | 1287.53b | Road crossing  | Bremgartner Road   | 21-Cropland and pasture                     | 0.14                          |
| 1           | Woodland  | 1287.92  | Road crossing, wetland crossing  | Park Road          | 21-Cropland and pasture                     | 0.02                          |
|             |           |          |  |                    | 62-Nonforested wetland                      | 0.08                          |
|             |           |          |  |                    | 14-Transportation, communication, utilities | 0.01                          |
| 1           | Woodland  | 1288.61  | Spoil storage, passing lane, pipe/equipment staging  | ROW                | 21-Cropland and pasture                     | 0.23                          |
| 1           | Woodland  | 1289.00  | Existing Northwest Pipeline facility, demobilization, removal of existing pipe, aboveground facilities installation, hydrotest | AR 148             | 21-Cropland and pasture                     | 4.20                          |
|             |           |          |  |                    | 62-Nonforested wetland                      | 2.23                          |
|             |           |          |  |                    | 14-Transportation, communication, utilities | 5.22                          |

Appendix I4

Additional Temporary Workspace for the Pipeline Route

| Loop Number | Loop Name | ATWS ID | Description/Justification <sup>a</sup>  | Access      | Land Use Code and Description               | Land Use Acreage <sup>b</sup> |
|-------------|-----------|---------|---|-------------|---|-------------------------------|
| 2           | Chehalis  | 1291.27 | Mobilization, pipe stockpile, hydrotest, aboveground facilities installation              | Koontz Road | 21-Cropland and pasture                     | 3.28                          |
| 2           | Chehalis  | 1291.35 | Road crossing, wetland/stream crossing  | Koontz Road | 43-Mixed forest land                        | 0.22                          |
|             |           |         |   |             | 14-Transportation, communication, utilities | 0.00                          |
| 2           | Chehalis  | 1291.46 | Pipe/equipment staging, removal of existing pipe, wetland crossing                        | AR 200      | 21-Cropland and pasture                     | 0.96                          |
| 2           | Chehalis  | 1291.72 | Wetland crossing  | AR 201      | 62-Nonforested wetland                      | 0.00                          |
|             |           |         |   |             | 62-Nonforested wetland                      | 0.28                          |
|             |           |         |   |             | 11-Residential                              | 0.00                          |
| 2           | Chehalis  | 1292.64 | Road crossing   | Hwy 508     | 61-Forested wetland                         | 0.05                          |
| 2           | Chehalis  | 1292.68 | Road crossing   | Hwy 508     | 11-Residential                              | 0.11                          |
| 2           | Chehalis  | 1292.69 | Road crossing   | Hwy 508     | 11-Residential                              | 0.08                          |
| 2           | Chehalis  | 1292.76 | Removal of existing pipe, timber storage, wetland staging                                 | AR 202      | 11-Residential                              | 0.11                          |
| 2           | Chehalis  | 1293.11 | Road crossing, wetland staging  | Forest      | 21-Cropland and pasture                     | 0.00                          |
|             |           |         |   | Napavine    | 62-Nonforested wetland                      | 0.24                          |
| 2           | Chehalis  | 1293.47 | Point of intersection, wetland crossing   | ROW         | 42-Evergreen forest land                    | 0.05                          |
| 2           | Chehalis  | 1293.59 | Parking, turnaround area  | AR 203      | 42-Evergreen forest land                    | 0.01                          |
| 2           | Chehalis  | 1293.60 | Parking, turnaround area  | AR 203      | 42-Evergreen forest land                    | 0.01                          |
| 2           | Chehalis  | 1294.01 | HDD entry   | AR 204      | 43-Mixed forest land                        | 0.06                          |
| 2           | Chehalis  | 1294.03 | HDD entry   | AR 204      | 21-Cropland and pasture                     | 0.28                          |
|             |           |         |   |             | 43-Mixed forest land                        | 0.64                          |
|             |           |         |   |             | 14-Transportation, communication, utilities | 0.02                          |
| 2           | Chehalis  | 1294.14 | Access to hydrotest/HDD water   | AR 204      | 21-Cropland and pasture                     | 0.21                          |
|             |           |         |   |             | 61-Forested wetland                         | 0.02                          |
| 2           | Chehalis  | 1294.42 | HDD pullback, equipment staging, pipe stockpile, road crossing, wetlands, vehicle parking | Jackson Hwy | 21-Cropland and pasture                     | 12.60                         |
|             |           |         |   |             | 62-Nonforested wetland                      | 12.45                         |
| 2           | Chehalis  | 1294.48 | Road crossing, wetlands   | Jackson Hwy | 62-Nonforested wetland                      | 0.37                          |
| 2           | Chehalis  | 1294.54 | Road crossing, point of intersection  | Jackson Hwy | 62-Nonforested wetland                      | 0.25                          |
| 2           | Chehalis  | 1294.61 | Pipe/equipment staging, removal of existing pipe, wetland crossing                        | AR 205      | 62-Nonforested wetland                      | 0.00                          |
|             |           |         |   |             | 62-Nonforested wetland                      | 0.20                          |
|             |           |         |   |             | 14-Transportation, communication, utilities | 0.03                          |
| 2           | Chehalis  | 1295.44 | Point of intersection, 26-inch abandonment cap  | ROW         | 21-Cropland and pasture                     | 0.02                          |
|             |           |         |   |             | 43-Mixed forest land                        | 0.09                          |
|             |           |         |   |             | 62-Nonforested wetland                      | 0.00                          |
| 2           | Chehalis  | 1295.61 | Pipe/equipment staging, removal of existing pipe, road crossing, valve installation       | Yates Road  | 21-Cropland and pasture                     | 0.34                          |
|             |           |         |   |             | 11-Residential                              | 0.17                          |
| 2           | Chehalis  | 1295.67 | Road crossing   | Yates Road  | 21-Cropland and pasture                     | 0.27                          |
| 2           | Chehalis  | 1296.09 | Point of intersection, road crossing, wetland/stream crossings                            | ROW         | 43-Mixed forest land                        | 0.14                          |
| 2           | Chehalis  | 1296.12 | Road crossing, wetland/stream crossings   | ROW         | 43-Mixed forest land                        | 0.12                          |
| 2           | Chehalis  | 1296.17 | Road crossing, wetland/stream crossings   | Logan Hill  | 21-Cropland and pasture                     | 0.03                          |
|             |           |         |   | Road        | 43-Mixed forest land                        | 0.09                          |

Appendix I4

Additional Temporary Workspace for the Pipeline Route

| Loop Number | Loop Name | ATWS ID | Description/Justification <sup>a</sup>  | Access               | Land Use Code and Description               | Land Use Acreage <sup>b</sup> |
|-------------|-----------|---------|---|----------------------|---|-------------------------------|
| 2           | Chehalis  | 1296.20 | Road crossing, wetland/stream crossings   | ROW via Logan Hill   | 21-Cropland and pasture                     | 0.31                          |
|             |           |         |   |                      | 43-Mixed forest land                        | 0.05                          |
| 2           | Chehalis  | 1296.31 | Removal of existing pipe, pipe/equipment staging  | AR 208               | 21-Cropland and pasture                     | 0.28                          |
| 2           | Chehalis  | 1297.83 | Removal of existing pipe, pipe/equipment staging, timber storage                                  | AR 210               | 42-Evergreen forest land                    | 0.27                          |
| 2           | Chehalis  | 1298.17 | Existing Northwest Pipeline facility, road crossing, parking                                      | Centralia Alpha Road | 14-Transportation, communication, utilities | 0.04                          |
| 2           | Chehalis  | 1298.20 | Road crossing, equipment staging  | Centralia Alpha Road | 42-Evergreen forest land                    | 0.09                          |
|             |           |         |   |                      | 43-Mixed forest land                        | 0.60                          |
|             |           |         |   |                      | 14-Transportation, communication, utilities | 0.00                          |
| 2           | Chehalis  | 1298.96 | Timber storage, wetland/stream crossing, pipe/equipment staging                                   | ROW                  | 21-Cropland and pasture                     | 0.47                          |
| 2           | Chehalis  | 1299.08 | Road crossing   | Profitt Road         | 43-Mixed forest land                        | 0.08                          |
|             |           |         |   |                      | 14-Transportation, communication, utilities | 0.00                          |
| 2           | Chehalis  | 1299.64 | Removal of existing pipe, pipe/equipment staging, timber storage                                  | AR 211.1             | 43-Mixed forest land                        | 0.27                          |
| 2           | Chehalis  | 1300.08 | wetland crossing  | AR 212.2             | 43-Mixed forest land                        | 0.07                          |
|             |           |         |   |                      | 62-Nonforested wetland                      | 0.02                          |
| 2           | Chehalis  | 1300.34 | Removal of existing pipe, pipe/equipment staging, timber storage                                  | AR 212               | 43-Mixed forest land                        | 0.18                          |
| 2           | Chehalis  | 1300.51 | Point of intersection   | ROW                  | 43-Mixed forest land                        | 0.23                          |
| 2           | Chehalis  | 1300.63 | Point of intersection   | ROW                  | 43-Mixed forest land                        | 0.23                          |
| 2           | Chehalis  | 1300.98 | Point of intersection, side slope   | ROW                  | 14-Transportation, communication, utilities | 0.05                          |
| 2           | Chehalis  | 1301.06 | Point of intersection, side slope   | ROW                  | 14-Transportation, communication, utilities | 0.01                          |
| 2           | Chehalis  | 1301.07 | Point of intersection, side slope, equipment staging  | ROW                  | 43-Mixed forest land                        | 0.35                          |
| 2           | Chehalis  | 1301.54 | Pipe/equipment staging, removal of existing pipe, timber storage, road crossing, wetland crossing | Little Hanaford      | 21-Cropland and pasture                     | 0.26                          |
|             |           |         |   |                      | 62-Nonforested wetland                      | 2.27                          |
| 2           | Chehalis  | 1301.61 | Road crossing, wetland crossing   | Little Hanaford      | 21-Cropland and pasture                     | 0.00                          |
|             |           |         |   |                      | 62-Nonforested wetland                      | 0.26                          |
| 2           | Chehalis  | 1302.24 | Points of intersection  | AR 214               | 43-Mixed forest land                        | 0.10                          |
|             |           |         |   |                      | 14-Transportation, communication, utilities | 0.58                          |
| 2           | Chehalis  | 1302.94 | Removal of existing pipe, pipe/equipment staging  | AR 214.2             | 43-Mixed forest land                        | 1.95                          |
| 2           | Chehalis  | 1304.23 | Road crossing, stream crossing  | AR 215               | 43-Mixed forest land                        | 0.16                          |
| 2           | Chehalis  | 1304.31 | Pipe/equipment staging, removal of existing pipe, timber storage, road crossing, wetland crossing | AR 216               | 62-Nonforested wetland                      | 0.13                          |
| 2           | Chehalis  | 1304.31 | Pipe/equipment staging, removal of existing pipe, timber storage, road crossing, wetland crossing | AR 216               | 75-Strip mines, quarries, gravel pits       | 1.17                          |
| 2           | Chehalis  | 1305.07 | wetland/stream crossing   | AR 216.1             | 43-Mixed forest land                        | 0.17                          |
| 2           | Chehalis  | 1305.70 | Pipe/equipment staging, removal of existing pipe, timber storage, road crossing                   | AR 216               | 43-Mixed forest land                        | 1.31                          |
|             |           |         |   |                      | 75-Strip mines, quarries, gravel pits       | 0.07                          |
| 2           | Chehalis  | 1305.79 | Pipe/equipment staging, removal of existing pipe, timber storage, road crossing                   | AR 216               | 43-Mixed forest land                        | 1.54                          |

## Appendix I4

## Additional Temporary Workspace for the Pipeline Route

| Loop Number | Loop Name | ATWS ID | Description/Justification <sup>a</sup>   | Access            | Land Use Code and Description               | Land Use Acreage <sup>b</sup> |
|-------------|-----------|---------|--|-------------------|---|-------------------------------|
| 2           | Chehalis  | 1306.65 | Road crossing  | Big Hanaford Road | 21-Cropland and pasture                     | 0.11                          |
| 2           | Chehalis  | 1307.28 | Pipe/equipment staging, removal of existing pipe   | AR 218.1          | 43-Mixed forest land                        | 1.09                          |
|             |           |         |  |                   | 62-Nonforested wetland                      | 0.02                          |
| 2           | Chehalis  | 1308.01 | Points of intersection   | AR 218            | 14-Transportation, communication, utilities | 0.37                          |
| 2           | Chehalis  | 1308.06 | Points of intersection   | AR 218.3          | 14-Transportation, communication, utilities | 0.11                          |
| 2           | Chehalis  | 1309.03 | Stream crossing, access  | AR 218            | 43-Mixed forest land                        | 0.53                          |
|             |           |         |  |                   | 62-Nonforested wetland                      | 0.10                          |
| 2           | Chehalis  | 1309.32 | Waterbody crossing, points of intersection   | ROW               | 43-Mixed forest land                        | 0.29                          |
| 2           | Chehalis  | 1309.40 | Waterbody crossing, points of intersection, hydrotest  | ROW               | 21-Cropland and pasture                     | 1.05                          |
|             |           |         |  |                   | 43-Mixed forest land                        | 0.10                          |
| 2           | Chehalis  | 1309.77 | Removal of existing pipe, pipe/equipment staging, sharp point of intersection, road crossing, valve installation | Skookumchuck Road | 21-Cropland and pasture                     | 1.33                          |
|             |           |         |  |                   | 14-Transportation, communication, utilities | 0.14                          |
| 2           | Chehalis  | 1309.81 | Point of intersection, road crossing, 26-inch abandonment cap  | AR 220            | 14-Transportation, communication, utilities | 0.02                          |
| 2           | Chehalis  | 1309.99 | Equipment and pipe staging/layout area for short section of non-typical construction workspace                   | ROW               | 21-Cropland and pasture                     | 1.69                          |
| 2           | Chehalis  | 1310.12 | Removal of existing pipe, pipe/equipment staging, sharp point of intersection, cross-over                        | Skookumchuck Road | 21-Cropland and pasture                     | 0.99                          |
|             |           |         |  |                   | 43-Mixed forest land                        | 0.17                          |
|             |           |         |  |                   | 14-Transportation, communication, utilities | 0.06                          |
| 2           | Chehalis  | 1310.40 | Side slope, steep terrain, passing lane  | ROW               | 43-Mixed forest land                        | 0.32                          |
| 2           | Chehalis  | 1310.51 | Side slope, steep terrain, passing lane  | ROW               | 21-Cropland and pasture                     | 0.28                          |
| 2           | Chehalis  | 1310.96 | Steep terrain, side slope, timber storage  | ROW               | 21-Cropland and pasture                     | 1.38                          |
|             |           |         |  |                   | 43-Mixed forest land                        | 0.00                          |
| 2           | Chehalis  | 1311.80 | Point of intersection  | AR 221            | 43-Mixed forest land                        | 0.04                          |
|             |           |         |  |                   | 14-Transportation, communication, utilities | 0.03                          |
| 2           | Chehalis  | 1312.32 | Pipe/equipment staging, removal of existing pipe, timber storage   | AR 221            | 43-Mixed forest land                        | 0.73                          |
| 2           | Chehalis  | 1312.73 | Pipe/equipment staging, removal of existing pipe, timber storage   | AR 221.2          | 43-Mixed forest land                        | 0.75                          |
|             |           |         |  |                   | 62-Nonforested wetland                      | 0.03                          |
| 2           | Chehalis  | 1313.20 | Pipe/equipment staging, removal of existing pipe, timber storage   | AR 221.3          | 43-Mixed forest land                        | 0.90                          |
|             |           |         |  |                   | 14-Transportation, communication, utilities | 0.00                          |
| 2           | Chehalis  | 1314.10 | Pipe/equipment staging, removal of existing pipe, timber storage   | AR 223            | 43-Mixed forest land                        | 0.85                          |
| 2           | Chehalis  | 1314.28 | Pipe/equipment staging, removal of existing pipe, timber storage   | AR 223            | 43-Mixed forest land                        | 0.82                          |
| 2           | Chehalis  | 1314.47 | Steep terrain, side slope  | AR 223            | 43-Mixed forest land                        | 1.41                          |
|             |           |         |  |                   | 62-Nonforested wetland                      | 0.01                          |
| 2           | Chehalis  | 1315.13 | Waterbody crossing, steep terrain, hydrotest   | ROW               | 43-Mixed forest land                        | 0.18                          |
| 2           | Chehalis  | 1315.15 | Waterbody crossing, steep terrain, hydrotest   | ROW               | 43-Mixed forest land                        | 0.39                          |

## Appendix I4

## Additional Temporary Workspace for the Pipeline Route

| Loop Number | Loop Name    | ATWS ID | Description/Justification <sup>a</sup>   | Access                      | Land Use Code and Description               | Land Use Acreage <sup>b</sup> |
|-------------|--------------|---------|--|-----------------------------|---|-------------------------------|
| 2           | Chehalis     | 1315.62 | Existing Northwest Pipeline facility, demobilization, removal of existing pipe, aboveground facilities removal | AR 225                      | 14-Transportation, communication, utilities | 0.10                          |
| 2           | Chehalis     | 1315.63 | Existing Northwest Pipeline facility, demobilization, removal of existing pipe                                 | AR 225                      | 21-Cropland and pasture                     | 0.11                          |
|             |              |         |  |                             | 43-Mixed forest land                        | 0.01                          |
|             |              |         |  |                             | 14-Transportation, communication, utilities | 0.19                          |
| 3           | Sumner South | 1338.03 | Existing Northwest Pipeline facility, mobilization, pipe stockpile, road crossing                              | 192nd St                    | 21-Cropland and pasture                     | 3.43                          |
|             |              |         |  |                             | 43-Mixed forest land                        | 0.08                          |
|             |              |         |  |                             | 14-Transportation, communication, utilities | 2.45                          |
| 3           | Sumner South | 1338.14 | Road crossing, pipe stockpile  | 192nd St                    | 21-Cropland and pasture                     | 0.90                          |
| 3           | Sumner South | 1338.33 | Removal of existing pipe, road crossing, parking   | Canyon Road                 | 15-Industrial and commercial complexes      | 0.52                          |
|             |              |         |  |                             | 14-Transportation, communication, utilities | 0.14                          |
| 3           | Sumner South | 1338.37 | Road/railroad crossing, parking  | Canyon Road                 | 15-Industrial and commercial complexes      | 0.03                          |
|             |              |         |  |                             | 14-Transportation, communication, utilities | 0.32                          |
| 3           | Sumner South | 1338.45 | Parking  | Canyon Road                 | 15-Industrial and commercial complexes      | 0.04                          |
|             |              |         |  |                             | 14-Transportation, communication, utilities | 0.10                          |
| 3           | Sumner South | 1338.63 | Removal of existing pipe, pipe/equipment staging, road crossing, parking                                       | 184th St                    | 15-Industrial and commercial complexes      | 1.51                          |
| 3           | Sumner South | 1338.73 | Spoil and concrete storage   | 184th St                    | 15-Industrial and commercial complexes      | 0.33                          |
| 3           | Sumner South | 1338.87 | Road/railroad crossing, pipe/equipment staging, parking  | Fredrickson Industrial Park | 21-Cropland and pasture                     | 1.20                          |
|             |              |         |  |                             | 14-Transportation, communication, utilities | 0.13                          |
| 3           | Sumner South | 1339.18 | Points of intersection, 26" abandonment caps   | ROW                         | 42-Evergreen forest land                    | 0.01                          |
|             |              |         |  |                             | 43-Mixed forest land                        | 0.19                          |
|             |              |         |  |                             | 62-Nonforested wetland                      | 0.03                          |
|             |              |         |  |                             | 14-Transportation, communication, utilities | 0.01                          |
| 3           | Sumner South | 1339.24 | Existing Northwest Pipeline facility, parking, valve removal   | ROW                         | 11-Residential                              | 0.03                          |
|             |              |         |  |                             | 14-Transportation, communication, utilities | 0.23                          |
| 3           | Sumner South | 1339.30 | Road crossing  | 176th St                    | 42-Evergreen forest land                    | 0.34                          |
| 3           | Sumner South | 1339.35 | Road crossing, wetland   | 176th St                    | 11-Residential                              | 0.12                          |
| 3           | Sumner South | 1339.45 | Removal of existing pipe, pipe/equipment staging, road crossing, parking                                       | 176th St                    | 21-Cropland and pasture                     | 4.10                          |
|             |              |         |  |                             | 11-Residential                              | 0.39                          |
| 3           | Sumner South | 1340.15 | Stream crossing, pipe/equipment staging  | ROW                         | 21-Cropland and pasture                     | 0.04                          |
|             |              |         |  |                             | 43-Mixed forest land                        | 0.12                          |
| 3           | Sumner South | 1340.61 | Removal of existing pipe, pipe/equipment staging, parking  | AR 302.1                    | 43-Mixed forest land                        | 0.23                          |
|             |              |         |  |                             | 11-Residential                              | 0.25                          |
| 3           | Sumner South | 1340.69 | Road crossing, parking, turnaround area  | AR 302.2                    | 11-Residential                              | 0.12                          |

Appendix I4

Additional Temporary Workspace for the Pipeline Route

| Loop Number | Loop Name    | ATWS ID | Description/Justification <sup>a</sup>  | Access             | Land Use Code and Description               | Land Use Acreage <sup>b</sup> |
|-------------|--------------|---------|---|--------------------|---|-------------------------------|
| 3           | Sumner South | 1341.07 | Removal of existing pipe, pipe/equipment staging, parking                                 | AR 303             | 21-Cropland and pasture                     | 1.52                          |
|             |              |         |   |                    | 43-Mixed forest land                        | 0.25                          |
| 3           | Sumner South | 1341.13 | Spoil storage   | ROW                | 11-Residential                              | 0.22                          |
| 3           | Sumner South | 1341.21 | Spoil storage   | AR 304             | 21-Cropland and pasture                     | 0.00                          |
|             |              |         |   |                    | 11-Residential                              | 0.09                          |
| 3           | Sumner South | 1341.24 | Parking, Road Crossing  | 76th Ave           | 11-Residential                              | 0.09                          |
| 3           | Sumner South | 1342.14 | Removal of existing pipe, pipe/equipment staging, road crossing, parking                  | 86th Ave           | 21-Cropland and pasture                     | 0.44                          |
|             |              |         |   |                    | 62-Nonforested wetland                      | 0.15                          |
|             |              |         |   |                    | 11-Residential                              | 0.26                          |
| 3           | Sumner South | 1342.17 | Pipe/equipment staging, road crossing, parking, wetlands                                  | 86th Ave           | 12-Commercial and services                  | 0.60                          |
|             |              |         |   |                    | 41-Deciduous forest land                    | 0.11                          |
|             |              |         |   |                    | 14-Transportation, communication, utilities | 0.01                          |
| 3           | Sumner South | 1342.41 | wetland crossings   | ROW                | 41-Deciduous forest land                    | 0.14                          |
| 3           | Sumner South | 1342.63 | Removal of existing pipe, pipe/equipment staging, road crossing, parking, stream crossing | AR 305             | 41-Deciduous forest land                    | 0.41                          |
| 3           | Sumner South | 1342.78 | Road crossing, pipe/equipment staging   | 94th Ave           | 12-Commercial and services                  | 0.45                          |
|             |              |         |   |                    | 41-Deciduous forest land                    | 0.26                          |
| 3           | Sumner South | 1342.84 | Sharp point of intersection, road crossing  | 94th Ave           | 11-Residential                              | 0.10                          |
|             |              |         |   |                    | 14-Transportation, communication, utilities | 0.01                          |
| 3           | Sumner South | 1342.98 | Pipe/equipment staging, spoil storage   | 94th Ave           | 11-Residential                              | 0.94                          |
|             |              |         |   |                    | 14-Transportation, communication, utilities | 0.02                          |
| 3           | Sumner South | 1343.19 | Pipe/equipment staging, spoil storage   | ROW                | 12-Commercial and services                  | 0.00                          |
|             |              |         |   |                    | 21-Cropland and pasture                     | 0.44                          |
|             |              |         |   |                    | 11-Residential                              | 0.00                          |
| 3           | Sumner South | 1343.28 | Road crossing, Existing Northwest Facility  | 128th St           | 11-Residential                              | 0.05                          |
|             |              |         |   |                    | 14-Transportation, communication, utilities | 0.08                          |
| 3           | Sumner South | 1343.32 | Road crossing   | 128th St           | 11-Residential                              | 0.12                          |
| 3           | Sumner South | 1343.45 | Spoil storage   | 126th St           | 11-Residential                              | 0.03                          |
|             |              |         |   |                    | 14-Transportation, communication, utilities | 0.00                          |
| 3           | Sumner South | 1343.51 | Pipe/equipment staging access   | 98th Ave           | 11-Residential                              | 0.32                          |
| 3           | Sumner South | 1343.52 | Pipe/equipment staging, nearby valve installation   | 98th Ave           | 11-Residential                              | 0.12                          |
| 3           | Sumner South | 1343.68 | Spoil storage, point of intersection  | 99th Ave<br>E /ROW | 11-Residential                              | 0.07                          |
| 3           | Sumner South | 1343.73 | Spoil storage   | 122nd St           | 11-Residential                              | 0.03                          |
|             |              |         |   |                    | 14-Transportation, communication, utilities | 0.01                          |

Appendix I4

Additional Temporary Workspace for the Pipeline Route

| Loop Number | Loop Name    | ATWS ID | Description/Justification <sup>a</sup>   | Access          | Land Use Code and Description               | Land Use Acreage <sup>b</sup> |
|-------------|--------------|---------|--|-----------------|---|-------------------------------|
| 3           | Sumner South | 1343.89 | Point of intersection  | 120th St/ROW    | 12-Commercial and services                  | 0.09                          |
|             |              |         |  |                 | 14-Transportation, communication, utilities | 0.02                          |
| 3           | Sumner South | 1343.93 | Road crossing  | Meridian Ave    | 12-Commercial and services                  | 0.14                          |
| 3           | Sumner South | 1343.95 | Road crossing  | Meridian Ave    | 12-Commercial and services                  | 0.14                          |
| 3           | Sumner South | 1344.11 | Pipe staging, points of intersection, parking, spoil storage                                 | ROW             | 12-Commercial and services                  | 0.53                          |
| 3           | Sumner South | 1344.20 | Pipe staging, side slope   | ROW             | 12-Commercial and services                  | 0.30                          |
|             |              |         |  |                 | 11-Residential                              | 0.14                          |
| 3           | Sumner South | 1344.42 | Removal of existing pipe, pipe stockpile, equipment staging, road crossing, wetland crossing | 43rd Ave        | 21-Cropland and pasture                     | 8.18                          |
|             |              |         |  |                 | 42-Evergreen forest land                    | 0.50                          |
| 3           | Sumner South | 1344.64 | Road crossing, spoil storage   | ROW             | 11-Residential                              | 0.13                          |
| 3           | Sumner South | 1344.69 | Road crossing  | 39th Ave        | 11-Residential                              | 0.26                          |
|             |              |         |  |                 | 14-Transportation, communication, utilities | 0.00                          |
| 3           | Sumner South | 1344.72 | Road crossing  | 39th Ave        | 43-Mixed forest land                        | 0.02                          |
|             |              |         |  |                 | 14-Transportation, communication, utilities | 0.02                          |
| 3           | Sumner South | 1345.44 | Removal of existing pipe, pipe/equipment staging, road crossing, parking, spoil storage      | 31st Ave        | 11-Residential                              | 0.17                          |
|             |              |         |  |                 | 14-Transportation, communication, utilities | 0.00                          |
| 3           | Sumner South | 1345.57 | Removal of existing pipe, pipe/equipment staging, road crossing, parking, spoil storage      | Thornhill Road  | 11-Residential                              | 0.31                          |
| 3           | Sumner South | 1345.68 | Removal of existing pipe, pipe/equipment staging, road crossing, parking, spoil storage      | Larkspur Dr     | 11-Residential                              | 0.12                          |
| 3           | Sumner South | 1345.72 | Removal of existing pipe, pipe/equipment staging, road crossing, parking, spoil storage      | ROW via 20th St | 11-Residential                              | 0.08                          |
| 3           | Sumner South | 1346.91 | Pipe/equipment staging, point of Intersection, wetland staging, valve installation           | 12th Ave        | 43-Mixed forest land                        | 0.68                          |
|             |              |         |  |                 | 62-Nonforested wetland                      | 1.12                          |
|             |              |         |  |                 | 62-Nonforested wetland                      | 1.02                          |
| 3           | Sumner South | 1347.25 | Existing Northwest Pipeline facility, road/railroad crossing, parking                        | Pioneer Way     | 21-Cropland and pasture                     | 0.25                          |
|             |              |         |  |                 | 62-Nonforested wetland                      | 0.79                          |
|             |              |         |  |                 | 14-Transportation, communication, utilities | 0.14                          |
| 3           | Sumner South | 1347.33 | Road/railroad crossing, pipe/equipment staging, spoil storage, point of intersection         | AR 309          | 21-Cropland and pasture                     | 0.57                          |
|             |              |         |  |                 | 62-Nonforested wetland                      | 0.19                          |
|             |              |         |  |                 | 62-Nonforested wetland                      | 0.07                          |
|             |              |         |  |                 | 14-Transportation, communication, utilities | 0.03                          |
| 3           | Sumner South | 1347.35 | Road/railroad crossing, pipe/equipment staging, spoil storage, point of intersection         | AR 309          | 21-Cropland and pasture                     | 0.42                          |
|             |              |         |  |                 | 62-Nonforested wetland                      | 0.84                          |
|             |              |         |  |                 | 14-Transportation, communication, utilities | 0.01                          |

## Appendix I4

## Additional Temporary Workspace for the Pipeline Route

| Loop Number | Loop Name    | ATWS ID | Description/Justification <sup>a</sup>  | Access                         | Land Use Code and Description               | Land Use Acreage <sup>b</sup> |
|-------------|--------------|---------|---|--------------------------------|---|-------------------------------|
| 3           | Sumner South | 1347.60 | HDD pullback and entry point  | ROW via AR 309                 | 21-Cropland and pasture                     | 1.48                          |
|             |              |         |   |                                | 62-Nonforested wetland                      | 4.97                          |
| 3           | Sumner South | 1347.86 | Access to hydrotest/HDD water   | AR 310                         | 21-Cropland and pasture                     | 0.58                          |
|             |              |         |   |                                | 43-Mixed forest land                        | 0.01                          |
|             |              |         |   |                                | 62-Nonforested wetland                      | 0.14                          |
| 3           | Sumner South | 1348.02 | HDD exit, spoil storage   | ROW via AR 311                 | 11-Residential                              | 0.50                          |
| 3           | Sumner South | 1348.88 | Removal of existing pipe, point of intersection, pipeline crossover, spoil storage  | ROW                            | 21-Cropland and pasture                     | 1.00                          |
|             |              |         |   |                                | 43-Mixed forest land                        | 0.10                          |
|             |              |         |   |                                | 62-Nonforested wetland                      | 0.40                          |
| 3           | Sumner South | 1349.07 | Point of intersection, pipeline crossover   | ROW                            | 21-Cropland and pasture                     | 0.01                          |
|             |              |         |   |                                | 62-Nonforested wetland                      | 0.07                          |
| 3           | Sumner South | 1349.26 | Highway crossing  | AR 314                         | 21-Cropland and pasture                     | 0.62                          |
|             |              |         |   |                                | 62-Nonforested wetland                      | 0.07                          |
| 3           | Sumner South | 1349.35 | Highway crossing  | ROW                            | 21-Cropland and pasture                     | 1.64                          |
| 3           | Sumner South | 1349.35 | Highway crossing  | ROW                            | 14-Transportation, communication, utilities | 0.00                          |
| 3           | Sumner South | 1349.54 | Spoil storage, sharp point of intersection, road crossing   | 64th St                        | 12-Commercial and services                  | 0.02                          |
|             |              |         |   |                                | 21-Cropland and pasture                     | 0.48                          |
|             |              |         |   |                                | 62-Nonforested wetland                      | 0.02                          |
|             |              |         |   |                                | 11-Residential                              | 0.37                          |
| 3           | Sumner South | 1349.62 | Road crossing, parking  | 64th St                        | 14-Transportation, communication, utilities | 0.02                          |
|             |              |         |   |                                | 62-Nonforested wetland                      | 0.00                          |
|             |              |         |   |                                | 11-Residential                              | 0.28                          |
| 3           | Sumner South | 1349.62 | Road crossing, parking  | 64th St                        | 14-Transportation, communication, utilities | 0.00                          |
| 3           | Sumner South | 1349.67 | Road crossing, spoil storage  | 64th St                        | 11-Residential                              | 0.08                          |
| 3           | Sumner South | 1349.8  | Spoil storage, timber storage, pipe/equipment staging   | 60th St/ROW                    | 21-Cropland and pasture                     | 0.13                          |
|             |              |         |   |                                | 11-Residential                              | 0.34                          |
|             |              |         |   |                                | 14-Transportation, communication, utilities | 0.01                          |
| 3           | Sumner South | 1350.98 | Road crossing, pipe/equipment staging   | ROW                            | 21-Cropland and pasture                     | 0.43                          |
| 3           | Sumner South | 1351.26 | Pipe/equipment staging, road crossing, parking, spoil storage   | 38th St                        | 21-Cropland and pasture                     | 0.53                          |
| 3           | Sumner South | 1351.74 | Existing Northwest Pipeline facility, demobilization, removal of existing pipe, aboveground facilities removal, hydrotest | Compressor Station (166th Ave) | 11-Residential                              | 0.35                          |
|             |              |         |   |                                | 14-Transportation, communication, utilities | 5.33                          |

## Appendix I4

## Additional Temporary Workspace for the Pipeline Route

| Loop Number | Loop Name      | ATWS ID  | Description/Justification <sup>a</sup>  | Access                    | Land Use Code and Description               | Land Use Acreage <sup>b</sup> |
|-------------|----------------|----------|---|---------------------------|---|-------------------------------|
| 4           | Sumner North A | 1356.90a | Access to hydrotest/HDD water   | ROW via Green Valley Road | 21-Cropland and pasture                     | 0.58                          |
|             |                |          |   |                           | 41-Deciduous forest land                    | 0.01                          |
|             |                |          |   |                           | 61-Forested wetland                         | 0.04                          |
| 4           | Sumner North A | 1356.90b | Existing Northwest Pipeline facility, mobilization, removal of existing pipe, road crossing, hydrotest, aboveground facility installation | Green Valley Road         | 21-Cropland and pasture                     | 0.21                          |
|             |                |          |   |                           | 14-Transportation, communication, utilities | 0.00                          |
| 4           | Sumner North A | 1356.90c | Existing Northwest Pipeline facility, mobilization, removal of existing pipe, road crossing   | Green Valley Road         | 21-Cropland and pasture                     | 0.89                          |
| 4           | Sumner North A | 1356.92  | Road crossing, avoidance of structure on east side of ROW   | Green Valley Road         | 11-Residential                              | 0.05                          |
| 4           | Sumner North A | 1357.49  | Point of intersection, equipment staging, parking, access   | AR 401                    | 43-Mixed forest land                        | 0.73                          |
| 4           | Sumner North A | 1358.01  | Removal of existing pipe, pipe/equipment staging, road crossing, point of Intersection, valve installation                                | Lake Holm Road            | 11-Residential                              | 1.01                          |
| 4           | Sumner North A | 1358.10  | Road crossing, wetland staging  | Lake Holm Road            | 43-Mixed forest land                        | 0.27                          |
|             |                |          |   |                           | 14-Transportation, communication, utilities | 0.07                          |
| 4           | Sumner North A | 1358.84  | Road crossings, hydrotest   | 326th St                  | 41-Deciduous forest land                    | 0.17                          |
| 4           | Sumner North A | 1359.09  | Turnaround area, parking, spoil storage, pipe/equipment staging   | ROW via 322nd St          | 11-Residential                              | 0.16                          |
| 4           | Sumner North A | 1359.33a | Pipe staging, timber storage, spoil storage   | ROW                       | 21-Cropland and pasture                     | 0.37                          |
|             |                |          |   |                           | 42-Evergreen forest land                    | 0.01                          |
| 4           | Sumner North A | 1359.33b | Pipe staging, timber storage, spoil storage   | ROW                       | 21-Cropland and pasture                     | 0.21                          |
| 4           | Sumner North A | 1359.65  | Road crossing, spoil storage pipe/equipment staging   | 169th Ave                 | 11-Residential                              | 0.13                          |
| 4           | Sumner North A | 1360.04  | Removal of existing pipe, avoidance of structure on east side of ROW  | AR 405                    | 11-Residential                              | 0.17                          |
| 4           | Sumner North A | 1360.12  | Existing Northwest Pipeline facility, road crossing, parking  | Kent Black Diamond Road   | 14-Transportation, communication, utilities | 0.84                          |
| 4           | Sumner North A | 1360.47  | Removal of existing pipe, pipe/equipment staging  | AR 406                    | 43-Mixed forest land                        | 0.00                          |
|             |                |          |   |                           | 14-Transportation, communication, utilities | 0.18                          |
| 4           | Sumner North A | 1360.59  | Removal of existing pipe, pipe/equipment staging, timber storage, spoil storage   | AR 407                    | 43-Mixed forest land                        | 0.66                          |
|             |                |          |   |                           | 11-Residential                              | 0.02                          |
| 4           | Sumner North A | 1360.88  | Point of intersection, road crossing, wetland crossing  | Thomas Road               | 43-Mixed forest land                        | 0.29                          |
|             |                |          |   |                           | 14-Transportation, communication, utilities | 0.01                          |
| 4           | Sumner North A | 1361.08  | wetland crossing  | AR 408                    | 21-Cropland and pasture                     | 0.00                          |
|             |                |          |   |                           | 62-Nonforested wetland                      | 0.36                          |
|             |                |          |   |                           | 14-Transportation, communication, utilities | 0.00                          |
| 4           | Sumner North A | 1361.58  | Road crossing, pipe/equipment staging   | AR 409                    | 21-Cropland and pasture                     | 0.00                          |
|             |                |          |   |                           | 11-Residential                              | 0.08                          |
|             |                |          |   |                           | 14-Transportation, communication, utilities | 0.00                          |

Appendix I4

Additional Temporary Workspace for the Pipeline Route

| Loop Number | Loop Name      | ATWS ID | Description/Justification <sup>a</sup>   | Access             | Land Use Code and Description               | Land Use Acreage <sup>b</sup> |
|-------------|----------------|---------|--|--------------------|---|-------------------------------|
| 4           | Sumner North A | 1361.64 | Avoidance of firehouse, valve removal  | AR 410             | 12-Commercial and services                  | 0.02                          |
|             |                |         |  |                    | 11-Residential                              | 0.04                          |
| 4           | Sumner North A | 1361.92 | Spoil storage, pipe/equipment staging  | ROW                | 11-Residential                              | 0.00                          |
|             |                |         |  |                    | 14-Transportation, communication, utilities | 0.13                          |
| 4           | Sumner North A | 1361.99 | Turnaround area, parking   | ROW                | 11-Residential                              | 0.08                          |
| 4           | Sumner North A | 1362.05 | Spoil storage, equipment/pipe staging  | ROW                | 11-Residential                              | 0.13                          |
| 4           | Sumner North A | 1362.63 | Railroad crossing, stream crossing   | ROW                | 11-Residential                              | 0.01                          |
|             |                |         |  |                    | 14-Transportation, communication, utilities | 0.05                          |
| 4           | Sumner North A | 1362.69 | Railroad crossing, stream crossing, points of intersection, 26-inch abandonment cap  | ROW                | 11-Residential                              | 0.10                          |
| 4           | Sumner North A | 1362.79 | Existing Northwest Pipeline facility, road crossing, parking, equipment/pipe staging, removal of existing pipe                 | 516th St           | 14-Transportation, communication, utilities | 0.65                          |
| 4           | Sumner North A | 1363.51 | Equipment/pipe staging, spoil storage  | 262nd St           | 43-Mixed forest land                        | 0.65                          |
| 4           | Sumner North A | 1363.92 | Existing Northwest Pipeline facility, demobilization, removal of existing pipe, aboveground facilities removal, hydrotest      | AR 413             | 43-Mixed forest land                        | 1.19                          |
|             |                |         |  |                    | 14-Transportation, communication, utilities | 0.44                          |
| 5           | Sumner North B | 1370.89 | Existing Northwest Pipeline facility, removal of existing pipe and aboveground facility, pipe/equipment staging, road crossing | AR 500             | 41-Deciduous forest land                    | 1.13                          |
| 5           | Sumner North B | 1371.14 | Stream crossing, wetland staging, point of Intersection  | ROW                | 41-Deciduous forest land                    | 0.06                          |
|             |                |         |  |                    | 62-Nonforested wetland                      | 0.00                          |
| 5           | Sumner North B | 1371.20 | Removal of existing pipe, pipe/equipment staging   | AR 501             | 41-Deciduous forest land                    | 0.33                          |
| 5           | Sumner North B | 1371.28 | Equipment/pipe staging, spoil storage, timber storage  | AR 502             | 41-Deciduous forest land                    | 0.46                          |
|             |                |         |  |                    | 11-Residential                              | 0.00                          |
| 5           | Sumner North B | 1371.54 | Stream crossings, staging  | ROW                | 43-Mixed forest land                        | 0.22                          |
| 5           | Sumner North B | 1371.89 | Road crossing, stream crossing   | Issaquah Hobart Dr | 43-Mixed forest land                        | 0.15                          |
| 5           | Sumner North B | 1372.75 | Existing Northwest Pipeline facility, parking  | AR 505             | 11-Residential                              | 0.24                          |
|             |                |         |  |                    | 14-Transportation, communication, utilities | 0.01                          |
| 5           | Sumner North B | 1372.86 | Pipeline crossover, spoil storage  | AR 507             | 15-Industrial and commercial complexes      | 0.21                          |
|             |                |         |  |                    | 11-Residential                              | 0.50                          |
| 5           | Sumner North B | 1372.88 | Removal of existing pipe, pipe/equipment staging   | Issaquah-Hobart Rd | 11-Residential                              | 0.23                          |
| 5           | Sumner North B | 1373.91 | Timber storage   | ROW                | 21-Cropland and pasture                     | 0.00                          |
|             |                |         |  |                    | 42-Evergreen forest land                    | 0.04                          |
|             |                |         |  |                    | 11-Residential                              | 0.09                          |

## Appendix I4

## Additional Temporary Workspace for the Pipeline Route

| Loop Number | Loop Name      | ATWS ID  | Description/Justification <sup>a</sup>   | Access                  | Land Use Code and Description               | Land Use Acreage <sup>b</sup> |
|-------------|----------------|----------|--|-------------------------|---|-------------------------------|
| 5           | Sumner North B | 1374.20  | Removal of existing pipe, pipe/equipment staging, points of intersection, 26-inch abandonment caps | AR 511                  | 41-Deciduous forest land                    | 0.01                          |
|             |                |          |  |                         | 43-Mixed forest land                        | 0.36                          |
|             |                |          |  |                         | 11-Residential                              | 0.15                          |
|             |                |          |  |                         | 14-Transportation, communication, utilities | 0.00                          |
| 5           | Sumner North B | 1375.65  | Parking, timber storage  | AR 512                  | 14-Transportation, communication, utilities | 0.18                          |
| 5           | Sumner North B | 1375.67  | Removal of existing pipe, pipe/equipment staging, points of intersection, 26-inch abandonment caps | AR 512                  | 42-Evergreen forest land                    | 0.20                          |
|             |                |          |  |                         | 43-Mixed forest land                        | 0.34                          |
|             |                |          |  |                         | 14-Transportation, communication, utilities | 0.08                          |
| 5           | Sumner North B | 1376.08a | Highway crossing   | I-90                    | 42-Evergreen forest land                    | 0.00                          |
|             |                |          |  |                         | 14-Transportation, communication, utilities | 0.06                          |
| 5           | Sumner North B | 1376.08b | Highway crossing   | I-90                    | 14-Transportation, communication, utilities | 0.08                          |
| 5           | Sumner North B | 1376.09  | Highway crossing, stream crossing  | I-90                    | 14-Transportation, communication, utilities | 1.49                          |
| 5           | Sumner North B | 1376.13  | Highway crossing, stream crossing  | I-90                    | 14-Transportation, communication, utilities | 0.24                          |
| 5           | Sumner North B | 1376.17a | Highway crossing, stream crossing  | I-90                    | 43-Mixed forest land                        | 0.07                          |
|             |                |          |  |                         | 14-Transportation, communication, utilities | 0.13                          |
| 5           | Sumner North B | 1376.17b | Highway crossing, stream crossing  | I-90                    | 43-Mixed forest land                        | 0.05                          |
|             |                |          |  |                         | 14-Transportation, communication, utilities | 0.07                          |
| 5           | Sumner North B | 1376.26  | Parking, turnaround area, hydrotest  | ROW                     | 43-Mixed forest land                        | 0.19                          |
| 5           | Sumner North B | 1376.47  | Road crossing, spoil storage   | ROW                     | 14-Transportation, communication, utilities | 0.19                          |
| 5           | Sumner North B | 1377.07  | Steep terrain, road crossings  | Black Nugget Road       | 43-Mixed forest land                        | 0.23                          |
| 5           | Sumner North B | 1377.14  | Pipe/equipment staging, parking  | Black Nugget Road       | 43-Mixed forest land                        | 0.11                          |
| 5           | Sumner North B | 1377.40  | wetland crossings  | AR 514                  | 43-Mixed forest land                        | 0.03                          |
|             |                |          |  |                         | 62-Nonforested wetland                      | 0.01                          |
|             |                |          |  |                         | 62-Nonforested wetland                      | 0.05                          |
| 5           | Sumner North B | 1377.43  | wetland crossings  | ROW                     | 43-Mixed forest land                        | 0.08                          |
| 5           | Sumner North B | 1377.54  | Removal of existing pipe, pipe/equipment staging, timber storage                                   | ROW                     | 12-Commercial and services                  | 0.03                          |
|             |                |          |  |                         | 43-Mixed forest land                        | 0.35                          |
| 5           | Sumner North B | 1377.62  | Road crossing  | Issaquah Fall City Road | 14-Transportation, communication, utilities | 0.09                          |
| 5           | Sumner North B | 1378.42  | Removal of existing pipe, pipe/equipment staging, spoil storage                                    | 244th PI                | 43-Mixed forest land                        | 0.21                          |
| 5           | Sumner North B | 1378.55  | Road crossing  | Klahanie Blvd           | 43-Mixed forest land                        | 0.07                          |

## Appendix I4

## Additional Temporary Workspace for the Pipeline Route

| Loop Number | Loop Name      | ATWS ID  | Description/Justification <sup>a</sup>   | Access         | Land Use Code and Description  | Land Use Acreage <sup>b</sup> |
|-------------|----------------|----------|--|----------------|--|-------------------------------|
| 5           | Sumner North B | 1379.05  | Wetland crossing, 26" abandonment  | ROW            | 43-Mixed forest land   | 0.06                          |
| 5           | Sumner North B | 1379.18  | Wetland crossing, road crossing  | 32nd St        | 43-Mixed forest land<br>14-Transportation, communication, utilities                            | 0.07<br>0.10                  |
| 5           | Sumner North B | 1379.19  | Existing Northwest Pipeline facility, parking, aboveground facility installation   | 32nd St        | 14-Transportation, communication, utilities  | 0.40                          |
| 5           | Sumner North B | 1379.28  | Passing lane, parking, turnaround area, spoil storage  | ROW            | 11-Residential   | 0.25                          |
| 5           | Sumner North B | 1380.61  | Removal of existing pipe, pipe/equipment staging, passing lane, parking, turnaround area                                     | ROW            | 11-Residential   | 0.40                          |
| 5           | Sumner North B | 1380.70  | Road crossing, staging   | 244th Ave      | 41-Deciduous forest land   | 0.32                          |
| 5           | Sumner North B | 1380.90  | Removal of existing pipe, pipe/equipment staging, passing lane, parking, turnaround area, spoil storage                      | ROW            | 21-Cropland and pasture<br>11-Residential  | 0.73<br>0.22                  |
| 5           | Sumner North B | 1381.22  | Pipe/equipment staging for wetland crossing, steep terrain   | ROW            | 43-Mixed forest land   | 1.57                          |
| 5           | Sumner North B | 1381.26  | Pipe/equipment staging for wetland crossing, steep terrain   | ROW            | 43-Mixed forest land<br>62-Nonforested wetland<br>11-Residential<br>51-Streams and canals      | 0.57<br>0.01<br>0.11<br>0.01  |
| 5           | Sumner North B | 1381.49a | Pipe/equipment staging for wetland crossing, steep terrain   | ROW via AR 517 | 61-Forested wetland<br>43-Mixed forest land<br>62-Nonforested wetland                          | 0.08<br>0.67<br>0.03          |
| 5           | Sumner North B | 1381.49b | Pipe/equipment staging for wetland crossing, steep terrain   | ROW via AR 517 | 61-Forested wetland<br>43-Mixed forest land  | 0.04<br>0.29                  |
| 5           | Sumner North B | 1381.84  | Removal of existing pipe, demobilization, timber storage   | AR 518.1       | 43-Mixed forest land   | 0.67                          |
| 5           | Sumner North B | 1381.89  | Existing Northwest Pipeline facility, hydrotest, aboveground facility removal  | AR 518         | 43-Mixed forest land<br>62-Nonforested wetland   | 0.35<br>0.22                  |
| 6           | Snohomish      | 1393.94  | Existing Northwest Pipeline facility, mobilization, pipe/equipment staging, road crossing, aboveground facility installation | Echo Lake Road | 43-Mixed forest land<br>14-Transportation, communication, utilities                            | 1.46<br>5.29                  |
| 6           | Snohomish      | 1395.93  | Pipe/equipment staging, wetland crossing   | ROW            | 21-Cropland and pasture  | 0.33                          |
| 6           | Snohomish      | 1396.95  | Highway crossing, parking  | Hwy 522        | 43-Mixed forest land<br>14-Transportation, communication, utilities                            | 0.01<br>0.28                  |
| 6           | Snohomish      | 1397.05  | 26-inch abandonment cap, sharp point of intersection   | Elliott Road   | 21-Cropland and pasture<br>43-Mixed forest land<br>14-Transportation, communication, utilities | 0.25<br>0.02<br>0.08          |
| 6           | Snohomish      | 1397.40  | HDD pullback   | ROW            | 21-Cropland and pasture  | 0.27                          |
| 6           | Snohomish      | 1397.43  | HDD pullback, point of intersection  | ROW            | 21-Cropland and pasture<br>43-Mixed forest land<br>62-Nonforested wetland                      | 8.18<br>0.30<br>3.50          |
| 6           | Snohomish      | 1397.92  | HDD entry, point of intersection, 26-inch abandonment cap, hydrotest   | AR 603         | 43-Mixed forest land   | 1.30                          |

## Appendix I4

## Additional Temporary Workspace for the Pipeline Route

| Loop Number | Loop Name | ATWS ID | Description/Justification <sup>a</sup>   | Access                       | Land Use Code and Description               | Land Use Acreage <sup>b</sup> |
|-------------|-----------|---------|--|------------------------------|---|-------------------------------|
| 6           | Snohomish | 1398.02 | Valve installation   | AR 603.1                     | 43-Mixed forest land                        | 0.16                          |
|             |           |         |  |                              | 14-Transportation, communication, utilities | 0.03                          |
| 6           | Snohomish | 1398.19 | HDD entry, pipe/equipment staging  | AR 603.1                     | 21-Cropland and pasture                     | 2.17                          |
|             |           |         |  |                              | 43-Mixed forest land                        | 3.05                          |
|             |           |         |  |                              | 51-Streams and canals                       | 0.16                          |
|             |           |         |  |                              | 14-Transportation, communication, utilities | 0.01                          |
| 6           | Snohomish | 1398.64 | Steep terrain, wetland crossings   | ROW                          | 43-Mixed forest land                        | 0.07                          |
| 6           | Snohomish | 1399.00 | Steep terrain, wetland crossings   | ROW                          | 41-Deciduous forest land                    | 1.01                          |
|             |           |         |  |                              | 43-Mixed forest land                        | 0.07                          |
| 6           | Snohomish | 1399.49 | Steep terrain, wetland crossings   | ROW                          | 41-Deciduous forest land                    | 1.15                          |
| 6           | Snohomish | 1399.82 | Steep terrain, wetland crossings   | 139th Ave SE                 | 41-Deciduous forest land                    | 0.13                          |
|             |           |         |  |                              | 43-Mixed forest land                        | 0.20                          |
| 6           | Snohomish | 1399.82 | Steep terrain, wetland crossings   | 139th Ave SE                 | 14-Transportation, communication, utilities | 0.00                          |
| 6           | Snohomish | 1400.74 | Road crossing, removal of existing pipe, pipe/equipment staging  | Old Snohomish Monroe Road    | 21-Cropland and pasture                     | 0.32                          |
| 6           | Snohomish | 1400.74 | Road crossing, removal of existing pipe, pipe/equipment staging  | Old Snohomish Monroe Road    | 14-Transportation, communication, utilities | 0.03                          |
| 6           | Snohomish | 1401.58 | Road crossing  | AR 605                       | 21-Cropland and pasture                     | 0.00                          |
|             |           |         |  |                              | 43-Mixed forest land                        | 0.06                          |
|             |           |         |  |                              | 14-Transportation, communication, utilities | 0.00                          |
| 6           | Snohomish | 1401.59 | Road crossing  | AR 605                       | 43-Mixed forest land                        | 0.05                          |
| 6           | Snohomish | 1401.60 | Road crossing  | AR 605                       | 21-Cropland and pasture                     | 0.02                          |
|             |           |         |  |                              | 62-Nonforested wetland                      | 0.08                          |
| 6           | Snohomish | 1401.62 | Road crossing, removal of existing pipe, pipe/equipment staging  | AR 605                       | 21-Cropland and pasture                     | 0.08                          |
|             |           |         |  |                              | 62-Nonforested wetland                      | 0.29                          |
| 6           | Snohomish | 1402.41 | Ditch crossing   | ROW                          | 21-Cropland and pasture                     | 0.02                          |
| 6           | Snohomish | 1402.44 | Ditch crossing   | ROW                          | 21-Cropland and pasture                     | 0.02                          |
| 6           | Snohomish | 1402.88 | Road crossing, removal of existing pipe, pipe/equipment staging, point of intersection                                       | AR 606                       | 21-Cropland and pasture                     | 0.41                          |
|             |           |         |  |                              | 61-Forested wetland                         | 0.24                          |
|             |           |         |  |                              | 62-Nonforested wetland                      | 0.47                          |
|             |           |         |  |                              | 14-Transportation, communication, utilities | 0.00                          |
| 6           | Snohomish | 1402.97 | Existing Northwest Pipeline facility, road crossing, removal of existing pipe, pipe/equipment staging, point of intersection | State Hwy 2-Stevens Pass Hwy | 14-Transportation, communication, utilities | 0.36                          |

## Appendix I4

## Additional Temporary Workspace for the Pipeline Route

| Loop Number | Loop Name       | ATWS ID  | Description/Justification <sup>a</sup>   | Access               | Land Use Code and Description               | Land Use Acreage <sup>b</sup> |
|-------------|-----------------|----------|--|----------------------|---|-------------------------------|
| 6           | Snohomish       | 1403.72  | Removal of existing pipe, pipe/equipment staging   | AR 608               | 21-Cropland and pasture                     | 0.24                          |
| 6           | Snohomish       | 1403.90  | Road crossing  | 84th St              | 21-Cropland and pasture                     | 0.20                          |
| 6           | Snohomish       | 1404.21  | Road crossing, removal of existing pipe, pipe/equipment staging, 26-inch abandonment cap, hydrotest  | 80th St              | 43-Mixed forest land                        | 0.63                          |
|             |                 |          |  |                      | 62-Nonforested wetland                      | 0.00                          |
|             |                 |          |  |                      | 62-Nonforested wetland                      | 0.27                          |
| 6           | Snohomish       | 1404.96  | Road crossing  | Three Lakes Road     | 11-Residential                              | 0.06                          |
| 6           | Snohomish       | 1405.15  | Valve installation, 26-inch abandonment cap, wetland crossing, and spoil storage for pipeline crossover  | ROW via AR 609       | 43-Mixed forest land                        | 0.53                          |
| 6           | Snohomish       | 1406.72  | Pipeline crossover, road crossing  | ROW via Dubuque Road | 11-Residential                              | 0.14                          |
| 6           | Snohomish       | 1406.78  | Road crossing, parking   | Dubuque Road         | 14-Transportation, communication, utilities | 0.13                          |
| 6           | Snohomish       | 1407.04  | Removal of existing pipe, pipe/equipment staging   | AR 611               | 21-Cropland and pasture                     | 0.35                          |
| 6           | Snohomish       | 1407.78a | Point of intersection, steep terrain, waterbody crossing   | ROW                  | 43-Mixed forest land                        | 0.11                          |
| 6           | Snohomish       | 1407.78b | Point of intersection, steep terrain, waterbody crossing   | ROW                  | 43-Mixed forest land                        | 0.16                          |
| 6           | Snohomish       | 1407.84a | Point of intersection, steep terrain, waterbody crossing, road crossing, hydrotest water access  | Pilchuck Way         | 43-Mixed forest land                        | 0.06                          |
| 6           | Snohomish       | 1407.84b | Point of intersection, steep terrain, waterbody crossing, road crossing, hydrotest water access  | Pilchuck Way         | 43-Mixed forest land                        | 0.08                          |
| 6           | Snohomish       | 1407.88  | Removal of existing pipe, pipe/equipment staging   | Pilchuck Way         | 21-Cropland and pasture                     | 0.54                          |
|             |                 |          |  |                      | 43-Mixed forest land                        | 0.01                          |
| 6           | Snohomish       | 1407.89  | Removal of existing pipe, pipe/equipment staging, pipe stockpile   | Pilchuck Way         | 21-Cropland and pasture                     | 0.99                          |
| 6           | Snohomish       | 1408.50  | Existing Northwest Pipeline facility, removal of existing pipe, pipe/equipment staging   | AR 613               | 21-Cropland and pasture                     | 2.50                          |
|             |                 |          |  |                      | 43-Mixed forest land                        | 0.05                          |
|             |                 |          |  |                      | 14-Transportation, communication, utilities | 0.36                          |
| 6           | Snohomish       | 1409.35  | Existing Northwest Pipeline facility, demobilization, removal of existing pipe, road crossing, wetland crossing, hydrotest, aboveground facility removal | Meridian St          | 43-Mixed forest land                        | 0.33                          |
|             |                 |          |  |                      | 14-Transportation, communication, utilities | 0.10                          |
| 6           | Snohomish       | 1409.39  | Existing Northwest Pipeline facility, demobilization, removal of existing pipe, road crossing, wetland crossing, hydrotest, aboveground facility removal | ROW via Meridian St  | 14-Transportation, communication, utilities | 0.13                          |
| 7           | Mt Vernon South | 1435.67  | Existing Northwest Pipeline facility, mobilization, pipe/equipment staging, road crossing, hydrotest, aboveground facility installation                  | Lake Cavanaugh Road  | 43-Mixed forest land                        | 0.48                          |
|             |                 |          |  |                      | 14-Transportation, communication, utilities | 0.06                          |
| 7           | Mt Vernon South | 1435.70  | Road crossing  | Lake Cavanaugh Road  | 43-Mixed forest land                        | 0.05                          |
|             |                 |          |  |                      | 14-Transportation, communication, utilities | 0.02                          |

## Appendix I4

## Additional Temporary Workspace for the Pipeline Route

| Loop Number | Loop Name       | ATWS ID  | Description/Justification <sup>a</sup>   | Access              | Land Use Code and Description               | Land Use Acreage <sup>b</sup> |
|-------------|-----------------|----------|--|---------------------|---|-------------------------------|
| 7           | Mt Vernon South | 1435.79  | Passing lane, hilly terrain, side slope  | Lake Cavanaugh Road | 43-Mixed forest land                        | 0.36                          |
|             |                 |          |  |                     | 14-Transportation, communication, utilities | 0.00                          |
| 7           | Mt Vernon South | 1436.36  | Passing lane, parking  | AR 700              | 41-Deciduous forest land                    | 0.98                          |
|             |                 |          |  |                     | 43-Mixed forest land                        | 0.35                          |
| 7           | Mt Vernon South | 1436.81  | Access to hydrotest water  | Stonewood Dr        | 41-Deciduous forest land                    | 0.09                          |
|             |                 |          |  |                     | 14-Transportation, communication, utilities | 0.13                          |
| 7           | Mt Vernon South | 1436.91  | Passing lane, hilly terrain, side slope  | Crestwood Dr        | 41-Deciduous forest land                    | 0.18                          |
|             |                 |          |  |                     | 11-Residential                              | 0.08                          |
|             |                 |          |  |                     | 14-Transportation, communication, utilities | 0.04                          |
| 7           | Mt Vernon South | 1437.05  | Passing lane, hilly terrain, side slope  | Crestwood Dr        | 41-Deciduous forest land                    | 0.18                          |
| 7           | Mt Vernon South | 1437.10  | Turnaround area, parking, staging  | Briarwood Ct        | 41-Deciduous forest land                    | 0.11                          |
| 7           | Mt Vernon South | 1437.18  | Passing lane, parking  | ROW                 | 41-Deciduous forest land                    | 0.06                          |
|             |                 |          |  |                     | 11-Residential                              | 0.24                          |
| 7           | Mt Vernon South | 1437.46  | Point of intersection  | ROW                 | 21-Cropland and pasture                     | 0.05                          |
| 7           | Mt Vernon South | 1437.69  | Point of intersection  | ROW                 | 21-Cropland and pasture                     | 0.05                          |
| 7           | Mt Vernon South | 1437.77a | Road crossing, pipe/equipment staging  | Walker Valley Road  | 14-Transportation, communication, utilities | 0.08                          |
|             |                 |          |  |                     | 14-Transportation, communication, utilities | 0.18                          |
| 7           | Mt Vernon South | 1438.42  | Hilly terrain, side slope, parking, turnaround area, timber storage, wetland crossings       | AR 703.1/AR 704     | 42-Evergreen forest land                    | 1.19                          |
|             |                 |          |  |                     | 61-Forested wetland                         | 0.08                          |
| 7           | Mt Vernon South | 1439.00  | Wetland crossings, points of intersection, 26-inch abandonment cap                           | ROW                 | 21-Cropland and pasture                     | 0.11                          |
| 7           | Mt Vernon South | 1439.18  | Wetland crossings, points of intersection, 26-inch abandonment cap                           | ROW                 | 21-Cropland and pasture                     | 0.23                          |
| 7           | Mt Vernon South | 1439.32  | Road crossing, wetland crossing, pipe/equipment staging, turnaround area                     | Gunderson Road      | 62-Nonforested wetland                      | 0.32                          |
|             |                 |          |  |                     | 14-Transportation, communication, utilities | 0.00                          |
| 7           | Mt Vernon South | 1439.44  | Wetland crossings  | AR 706              | 42-Evergreen forest land                    | 0.06                          |
|             |                 |          |  |                     | 62-Nonforested wetland                      | 0.00                          |
| 7           | Mt Vernon South | 1439.45  | Wetland crossings  | AR 706              | 42-Evergreen forest land                    | 0.10                          |
| 7           | Mt Vernon South | 1439.69  | Passing lane, parking, wetland crossings   | AR 707              | 62-Nonforested wetland                      | 0.10                          |
|             |                 |          |  |                     | 14-Transportation, communication, utilities | 0.48                          |
| 7           | Mt Vernon South | 1439.96  | wetland crossings  | AR 708              | 21-Cropland and pasture                     | 0.05                          |
| 7           | Mt Vernon South | 1440.01  | wetland crossings  | ROW                 | 21-Cropland and pasture                     | 0.11                          |
| 7           | Mt Vernon South | 1440.03  | wetland crossings, removal of existing pipe, points of intersection, 26-inch abandonment cap | ROW                 | 21-Cropland and pasture                     | 0.62                          |

## Appendix I4

## Additional Temporary Workspace for the Pipeline Route

| Loop Number | Loop Name         | ATWS ID | Description/Justification <sup>a</sup>   | Access           | Land Use Code and Description               | Land Use Acreage <sup>b</sup> |
|-------------|-------------------|---------|--|------------------|---|-------------------------------|
| 7           | Mt Vernon South   | 1440.17 | Existing Northwest Pipeline facility, mobilization/demobilization, removal of existing pipe, aboveground facilities installation, pipe/equipment staging | Lange Road       | 21-Cropland and pasture                     | 1.09                          |
|             |                   |         |  |                  | 62-Nonforested wetland                      | 0.32                          |
|             |                   |         |  |                  | 14-Transportation, communication, utilities | 10.84                         |
| 8           | Mt Vernon North A | 1440.39 | Waterbody crossing, hydrotest water access and discharge   | ROW              | 21-Cropland and pasture                     | 0.16                          |
| 8           | Mt Vernon North A | 1440.45 | Waterbody crossing, hydrotest water access and discharge   | ROW              | 21-Cropland and pasture                     | 0.22                          |
| 8           | Mt Vernon North A | 1440.60 | Existing Northwest Pipeline facility, road crossing, parking   | Beaver Lake Road | 14-Transportation, communication, utilities | 0.02                          |
| 8           | Mt Vernon North A | 1441.55 | wetland crossings, road crossing, turnaround area, parking, staging  | ROW              | 21-Cropland and pasture                     | 0.19                          |
| 8           | Mt Vernon North A | 1442.75 | Steep terrain, wetland crossing, timber storage, point of intersection, parking, turnaround area   | ROW              | 14-Transportation, communication, utilities | 0.35                          |
| 8           | Mt Vernon North A | 1442.82 | Steep terrain, removal of existing pipe, timber storage, pipe/equipment staging, hydrotest   | AR 801.1         | 21-Cropland and pasture                     | 0.80                          |
| 8           | Mt Vernon North A | 1443.59 | Steep terrain, timber removal, removal of existing pipe, hydrotest   | ROW              | 42-Evergreen forest land                    | 0.70                          |
| 8           | Mt Vernon North A | 1443.90 | Steep terrain, timber removal, removal of existing pipe  | ROW              | 42-Evergreen forest land                    | 0.46                          |
| 8           | Mt Vernon North A | 1444.15 | Steep terrain, pipe/equipment staging  | AR 803           | 42-Evergreen forest land                    | 0.13                          |
|             |                   |         |  |                  | 14-Transportation, communication, utilities | 0.12                          |
| 8           | Mt Vernon North A | 1444.81 | Steep terrain, points of intersection, valve installation, demobilization, tie-in to existing span   | AR 804           | 42-Evergreen forest land                    | 0.37                          |
| 8           | Mt Vernon North A | 1444.83 | Steep terrain, points of intersection, valve installation, demobilization, tie-in to existing span, hydrotest  | AR 804           | 42-Evergreen forest land                    | 0.42                          |
| 8           | Mt Vernon North A | 1444.99 | Existing Northwest Pipeline facility, aboveground facility removal, demobilization, tie-in to existing span, hydrotest                                   | AR 805           | 21-Cropland and pasture                     | 3.12                          |
|             |                   |         |  |                  | 14-Transportation, communication, utilities | 0.96                          |
| 9           | Mt Vernon North B | 1453.53 | Existing Northwest Pipeline facility, aboveground facility removal, mobilization, pipe/equipment staging, road crossing, hydrotest                       | AR 900           | 21-Cropland and pasture                     | 0.22                          |
|             |                   |         |  |                  | 14-Transportation, communication, utilities | 0.39                          |
| 9           | Mt Vernon North B | 1454.04 | Cross-over   | Cruse Road       | 11-Residential                              | 0.04                          |
|             |                   |         |  |                  | 14-Transportation, communication, utilities | 0.05                          |
| 9           | Mt Vernon North B | 1454.08 | Parking, turnaround area   | Cruse Road       | 14-Transportation, communication, utilities | 0.02                          |
| 9           | Mt Vernon North B | 1454.12 | Wetland crossings, parking, turnaround area  | Cruse Road       | 14-Transportation, communication, utilities | 0.02                          |
| 9           | Mt Vernon North B | 1454.31 | Wetland crossings, parking, turnaround area  | Cruse Road       | 41-Deciduous forest land                    | 0.09                          |
|             |                   |         |  |                  | 14-Transportation, communication, utilities | 0.04                          |
| 9           | Mt Vernon North B | 1454.81 | Stream crossing, timber storage, parking, staging  | ROW              | 11-Residential                              | 0.23                          |

## Appendix I4

## Additional Temporary Workspace for the Pipeline Route

| Loop Number | Loop Name         | ATWS ID | Description/Justification <sup>a</sup>  | Access              | Land Use Code and Description               | Land Use Acreage <sup>b</sup> |
|-------------|-------------------|---------|---|---------------------|---|-------------------------------|
| 9           | Mt Vernon North B | 1455.23 | Pipeline crossover, timber storage  | ROW                 | 41-Deciduous forest land                    | 0.27                          |
|             |                   |         |   |                     | 61-Forested wetland                         | 0.16                          |
| 9           | Mt Vernon North B | 1455.48 | Pipeline crossover, timber storage, staging   | ROW                 | 43-Mixed forest land                        | 0.10                          |
| 9           | Mt Vernon North B | 1456.55 | Removal of existing pipe, timber storage, pipe/equipment staging, valve installation  | AR 901/AR 902       | 42-Evergreen forest land                    | 1.69                          |
| 9           | Mt Vernon North B | 1457.44 | Removal of existing pipe, timber storage, pipe/equipment staging, stream crossing   | AR 903              | 21-Cropland and pasture                     | 0.65                          |
|             |                   |         |   |                     | 43-Mixed forest land                        | 0.22                          |
| 9           | Mt Vernon North B | 1458.21 | Removal of existing pipe, pipe/equipment staging, timber storage  | AR 904.1            | 43-Mixed forest land                        | 0.22                          |
| 9           | Mt Vernon North B | 1458.60 | wetland crossing, point of intersection   | ROW                 | 21-Cropland and pasture                     | 0.01                          |
|             |                   |         |   |                     | 43-Mixed forest land                        | 0.07                          |
| 9           | Mt Vernon North B | 1458.90 | Removal of existing pipe, pipe/equipment staging, wetland crossings, road crossing  | Doren Road          | 21-Cropland and pasture                     | 0.73                          |
|             |                   |         |   |                     | 62-Nonforested wetland                      | 0.03                          |
| 9           | Mt Vernon North B | 1459.57 | Road crossing, pipe/equipment staging   | Saxon Road          | 21-Cropland and pasture                     | 0.42                          |
| 9           | Mt Vernon North B | 1459.62 | Road crossing, pipe/equipment staging   | Saxon Road/Lay Road | 21-Cropland and pasture                     | 0.47                          |
|             |                   |         |   |                     | 14-Transportation, communication, utilities | 0.02                          |
| 9           | Mt Vernon North B | 1459.87 | Removal of existing pipe, pipe/equipment staging, road crossing, wetland staging  | Maleng Road         | 21-Cropland and pasture                     | 0.67                          |
| 9           | Mt Vernon North B | 1461.17 | HDD pullback  | Rothenbuhler Road   | 21-Cropland and pasture                     | 0.51                          |
|             |                   |         |   |                     | 14-Transportation, communication, utilities | 0.01                          |
| 9           | Mt Vernon North B | 1461.19 | Road crossing, HDD equipment, extra pipe for HDD 2nd weld   | Rothenbuhler Road   | 21-Cropland and pasture                     | 0.34                          |
| 9           | Mt Vernon North B | 1461.21 | HDD pullback, road crossing   | Rothenbuhler Road   | 21-Cropland and pasture                     | 0.07                          |
|             |                   |         |   |                     | 62-Nonforested wetland                      | 0.00                          |
| 9           | Mt Vernon North B | 1461.30 | HDD pullback, HDD equipment, removal of existing pipe, 26-inch abandonment cap  | Rothenbuhler Road   | 21-Cropland and pasture                     | 1.22                          |
|             |                   |         |   |                     | 62-Nonforested wetland                      | 0.05                          |
|             |                   |         |   |                     | 51-Streams and canals                       | 0.06                          |
|             |                   |         |   |                     | 14-Transportation, communication, utilities | 0.01                          |
| 9           | Mt Vernon North B | 1461.46 | Hydrotest water access  | ROW                 | 21-Cropland and pasture                     | 0.51                          |
|             |                   |         |   |                     | 62-Nonforested wetland                      | 0.17                          |
|             |                   |         |   |                     | 51-Streams and canals                       | 0.01                          |
| 9           | Mt Vernon North B | 1461.80 | Existing Northwest Pipeline Facility, demobilization, hydrotest, waterbody crossing, HDD Entry, aboveground facility removal            | Mosquito Lake Road  | 21-Cropland and pasture                     | 4.44                          |
|             |                   |         |   |                     | 43-Mixed forest land                        | 0.40                          |
|             |                   |         |   |                     | 14-Transportation, communication, utilities | 0.36                          |
| 10          | Sumas             | 1478.58 | Existing Northwest Pipeline facility, mobilization, pipe/equipment staging,   | Leibrant Road       | 21-Cropland and pasture                     | 0.45                          |
| 10          | Sumas             | 1478.58 | Existing Northwest Pipeline facility, mobilization, aboveground facility installation, pipe/equipment staging, road crossing, hydrotest | Leibrant Road       | 14-Transportation, communication, utilities | 0.05                          |
| 10          | Sumas             | 1479.19 | Removal of existing pipe, pipe/equipment staging  | AR 1000             | 21-Cropland and pasture                     | 2.79                          |

## Appendix I4

## Additional Temporary Workspace for the Pipeline Route

| Loop Number | Loop Name | ATWS ID | Description/Justification <sup>a</sup>  | Access          | Land Use Code and Description               | Land Use Acreage <sup>b</sup> |
|-------------|-----------|---------|---|-----------------|---|-------------------------------|
| 10          | Sumas     | 1480.61 | Removal of existing pipe, timber storage, pipe/equipment staging  | AR 1002         | 43-Mixed forest land                        | 0.94                          |
| 10          | Sumas     | 1481.47 | Removal of existing pipe, pipe/equipment staging, road crossing   | Minaker Road    | 21-Cropland and pasture                     | 1.36                          |
|             |           |         |   |                 | 14-Transportation, communication, utilities | 0.00                          |
| 10          | Sumas     | 1481.51 | Road crossing   | Minaker Road    | 21-Cropland and pasture                     | 0.30                          |
|             |           |         |   |                 | 14-Transportation, communication, utilities | 0.00                          |
| 10          | Sumas     | 1481.55 | Road crossing   | Minaker Rd      | 21-Cropland and pasture                     | 0.39                          |
|             |           |         |   |                 | 14-Transportation, communication, utilities | 0.00                          |
| 10          | Sumas     | 1482.78 | Waterbody crossing  | Reese Hill Road | 21-Cropland and pasture                     | 0.10                          |
|             |           |         |   |                 | 43-Mixed forest land                        | 0.01                          |
| 10          | Sumas     | 1482.82 | Waterbody crossing, road crossing   | ROW             | 21-Cropland and pasture                     | 0.09                          |
| 10          | Sumas     | 1482.96 | Road crossing, removal of existing pipe, pipe/equipment staging   | Hillview Road   | 21-Cropland and pasture                     | 0.30                          |
|             |           |         |   |                 | 14-Transportation, communication, utilities | 0.01                          |
| 10          | Sumas     | 1483.05 | Waterbody crossing  | ROW             | 21-Cropland and pasture                     | 0.03                          |
| 10          | Sumas     | 1483.08 | Waterbody crossing  | ROW             | 21-Cropland and pasture                     | 0.02                          |
| 10          | Sumas     | 1483.86 | Road crossing, removal of existing pipe, pipe/equipment staging   | Rock Road       | 21-Cropland and pasture                     | 0.33                          |
| 10          | Sumas     | 1484.30 | Existing Northwest Pipeline facility, mobilization/demobilization, pipe stockpile, removal of existing pipe   | Jones Road      | 21-Cropland and pasture                     | 29.06                         |
|             |           |         |   |                 | 62-Nonforested wetland                      | 4.71                          |
|             |           |         |   |                 | 11-Residential                              | 0.86                          |
|             |           |         |   |                 | 14-Transportation, communication, utilities | 0.36                          |
| 10          | Sumas     | 1484.32 | Existing Northwest Pipeline facility, mobilization/demobilization, pipe stockpile, removal of existing pipe   | Jones Road      | 21-Cropland and pasture                     | 1.98                          |
|             |           |         |   |                 | 14-Transportation, communication, utilities | 0.17                          |
| 10          | Sumas     | 1484.48 | Existing Northwest Pipeline facility, mobilization/demobilization, pipe stockpile, aboveground facility installation, hydrotest, removal of existing pipe | Jones Road      | 14-Transportation, communication, utilities | 22.83                         |

<sup>a</sup> Only major hydrotest sources and discharge TEWAs are identified on the Alignment Sheets provided in Revised Appendix 1C of Revised Resource Report 1—General Project Description.

<sup>b</sup> Amounts showing as 0.00 indicate a fractional amount less than two decimal places. However, these values are included in TEWA totals presented on the Alignment Sheets provided in Revised Appendix 1C of Revised Resource Report 1—General Project Description.

<sup>c</sup> ROW = right-of-way



## **APPENDIX I5**

### **TABLE OF ACCESS ROADS**

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## Appendix I5

## Table of Access Roads

Washington Expansion Project Access Roads<sup>a, b, c</sup>

| Access #        | Milepost | Length (Miles) | Approximate Width (Feet) | Road Name                | Surfacing | Road Status <sup>d</sup> |
|-----------------|----------|----------------|--------------------------|--------------------------|-----------|--------------------------|
| <b>Woodland</b> |          |                |                          |                          |           |                          |
| 100             | 1244.29  | 0.86           | 24                       | Insel Road               | Asphalt   | Existing Permanent       |
| 100.1           | 1244.29  | 0.06           | 20                       | Insel Road Extension     | Gravel    | Future Permanent         |
| 100.2           | 1244.60  | 0.06           | 20                       | Bozarth Heights Road     | Gravel    | Existing Permanent       |
| 101             | 1245.10  | 1.07           | 24                       | Hillsdale Drive          | Asphalt   | Existing Permanent       |
| 101.1           | 1245.01  | 0.01           | 24                       | Insel Road               | Asphalt   | Existing Permanent       |
| 102             | 1245.65  | 0.15           | 24                       | Fairwood Road            | Asphalt   | Existing Permanent       |
| 103             | 1246.17  | 0.30           | 24                       | Pompano Road/Runyan Road | Asphalt   | Existing Permanent       |
| 103.1           | 1246.20  | 0.01           | 24                       | No Name                  | Asphalt   | Existing Permanent       |
| 104             | 1246.53  | 0.20           | 20                       | No Name                  | Gravel    | Existing Permanent       |
| 105             | 1246.98  | 0.11           | 24                       | No Name                  | Asphalt   | Temporary                |
| 106             | 1247.32  | 0.72           | 24                       | Varsity Road             | Asphalt   | Existing Permanent       |
| 107             | 1248.43  | 0.19           | 20                       | No Name                  | Gravel    | Existing Permanent       |
| 108             | 1248.90  | 0.05           | 20                       | No Name                  | Gravel    | Temporary                |
| 109             | 1249.20  | 0.16           | 12                       | No Name                  | Two Track | Temporary                |
| 109.1           | 1249.08  | 0.06           | 20                       | No Name                  | Gravel    | Temporary                |
| 110             | 1250.44  | 4.88           | 20                       | JE Johnson Road          | Gravel    | Existing Permanent       |
| 111             | 1251.65  | 1.01           | 20                       | No Name                  | Gravel    | Future Permanent         |
| 111.1           | 1251.79  | 0.36           | 12                       | No Name                  | Two Track | Existing Permanent       |
| 112             | 1252.71  | 1.04           | 24                       | Faber Road               | Asphalt   | Existing Permanent       |
| 112.1           | 1252.46  | 0.43           | 24                       | No Name                  | Asphalt   | Existing Permanent       |
| 113             | 1252.94  | 0.29           | 12                       | Lady Blue Lane           | Two Track | Existing Permanent       |
| 114             | 1253.40  | 0.57           | 20                       | Bates Road               | Gravel    | Existing Permanent       |
| 115             | 1253.55  | 0.30           | 12                       | No Name                  | Two Track | Existing Permanent       |
| 115.1           | 1253.97  | 0.99           | 12                       | No Name                  | Two Track | Existing Permanent       |
| 116             | 1254.51  | 0.74           | 12                       | No Name                  | Two Track | Existing Permanent       |
| 116.1           | 1254.22  | 0.27           | 12                       | No Name                  | Two Track | Existing Permanent       |
| 117             | 1256.58  | 0.16           | 12                       | No Name                  | Two Track | Existing Permanent       |
| 118             | 1257.19  | 0.11           | 12                       | No Name                  | Two Track | Existing Permanent       |
| 119             | 1257.78  | 0.33           | 24                       | Owl Creek Road           | Asphalt   | Existing Permanent       |
| 120             | 1258.21  | 0.03           | 24                       | Ranch Road               | Asphalt   | Existing Permanent       |
| 121             | 1258.93  | 2.03           | 20                       | Walker Road              | Gravel    | Existing Permanent       |
| 121.1           | 1258.79  | 0.17           | 24                       | Wildlife Drive           | Asphalt   | Existing Permanent       |
| 122             | 1260.13  | 0.57           | 12                       | No Name                  | Two Track | Existing Permanent       |
| 122.1           | 1260.47  | 0.06           | 12                       | No Name                  | Two Track | Existing Permanent       |
| 122.2           | 1260.51  | 0.07           | 12                       | No Name                  | Two Track | Existing Permanent       |
| 123             | 1261.40  | 0.70           | 24                       | Harris Street            | Asphalt   | Existing Permanent       |
| 124             | 1263.67  | 0.50           | 12                       | No Name                  | Two Track | Existing Permanent       |
| 125             | 1264.84  | 1.23           | 12                       | No Name                  | Two Track | Existing Permanent       |
| 125.1           | 1264.69  | 0.13           | 12                       | No Name                  | Two Track | Existing Permanent       |
| 126             | 1265.19  | 0.20           | 20                       | No Name                  | Gravel    | Existing Permanent       |
| 126.1           | 1265.15  | 0.12           | 20                       | No Name                  | Gravel    | Existing Permanent       |
| 127             | 1265.49  | 0.74           | 12                       | No Name                  | Two Track | Existing Permanent       |
| 127.1           | 1265.69  | 0.19           | 12                       | No Name                  | Two Track | Existing Permanent       |
| 127.2           | 1265.80  | 0.01           | 12                       | No Name                  | Two Track | Existing Permanent       |
| 128             | 1266.22  | 0.12           | 12                       | Walnut Acres Road        | Two Track | Existing Permanent       |
| 129             | 1267.82  | 0.20           | 12                       | No Name                  | Two Track | Existing Permanent       |
| 130             | 1268.46  | 0.38           | 20                       | No Name                  | Gravel    | Existing Permanent       |
| 131             | 1269.23  | 0.09           | 20                       | No Name                  | Gravel    | Existing Permanent       |
| 132             | 1269.38  | 0.06           | 12                       | No Name                  | Two Track | Existing Permanent       |

## Table of Access Roads

Washington Expansion Project Access Roads<sup>a, b, c</sup>

| Access #        | Milepost | Length (Miles) | Approximate Width (Feet) | Road Name                   | Surfacing | Road Status <sup>d</sup> |
|-----------------|----------|----------------|--------------------------|-----------------------------|-----------|--------------------------|
| 133             | 1269.48  | 0.12           | 24                       | Kalmbach Road               | Asphalt   | Existing Permanent       |
| 134             | 1272.18  | 2.04           | 12                       | No Name                     | Two Track | Existing Permanent       |
| 134.1           | 1270.76  | 0.04           | 12                       | No Name                     | Two Track | Existing Permanent       |
| 134.2           | 1271.25  | 0.41           | 12                       | No Name                     | Two Track | Existing Permanent       |
| 134.3           | 1271.62  | 0.25           | 12                       | No Name                     | Two Track | Existing Permanent       |
| 134.4           | 1271.98  | 0.10           | 12                       | No Name                     | Two Track | Existing Permanent       |
| 135             | 1272.61  | 0.11           | 12                       | No Name                     | Two Track | Existing Permanent       |
| 136             | 1272.71  | 1.44           | 20                       | Kroll Road                  | Gravel    | Existing Permanent       |
| 136.1           | 1273.49  | 0.13           | 12                       | No Name                     | Two Track | Existing Permanent       |
| 136.2           | 1274.10  | 0.19           | 24                       | No Name                     | Asphalt   | Existing Permanent       |
| 136.3           | 1274.21  | 0.59           | 12                       | No Name                     | Two Track | Existing Permanent       |
| 137             | 1276.65  | 4.06           | 20                       | Burma Road                  | Gravel    | Existing Permanent       |
| 137.1           | 1274.77  | 0.90           | 30                       | Toutle Park Road            | Gravel    | Existing Permanent       |
| 137.2           | 1275.94  | 1.05           | 20                       | No Name                     | Gravel    | Existing Permanent       |
| 137.3           | 1276.15  | 0.11           | 12                       | No Name                     | Two Track | Existing Permanent       |
| 137.4           | 1276.33  | 0.82           | 20                       | No Name                     | Gravel    | Existing Permanent       |
| 137.5           | 1277.44  | 0.07           | 12                       | No Name                     | Two Track | Existing Permanent       |
| 138             | 1278.96  | 1.48           | 20                       | No Name                     | Gravel    | Existing Permanent       |
| 138.1           | 1278.37  | 0.77           | 20                       | No Name                     | Gravel    | Existing Permanent       |
| 138.2           | 1278.61  | 0.22           | 20                       | No Name                     | Gravel    | Existing Permanent       |
| 139             | 1279.57  | 1.35           | 20                       | No Name                     | Gravel    | Existing Permanent       |
| 139.1           | 1279.84  | 0.20           | 20                       | No Name                     | Gravel    | Existing Permanent       |
| 140             | 1281.21  | 0.07           | 20                       | No Name                     | Gravel    | Existing Permanent       |
| 141             | 1281.38  | 0.57           | 24                       | Herriford Road / Mandy Road | Asphalt   | Existing Permanent       |
| 141.1           | 1282.20  | 0.89           | 24                       | Shoreline Drive             | Asphalt   | Existing Permanent       |
| 141.2           | 1281.82  | 0.05           | 24                       | No Name                     | Asphalt   | Existing Permanent       |
| 142             | 1282.74  | 0.67           | 24                       | Bill Creek Road             | Asphalt   | Temporary                |
| 143             | 1285.37  | 0.07           | 12                       | No Name                     | Two Track | Existing Permanent       |
| 144             | 1286.30  | 0.28           | 20                       | Campground Lane             | Gravel    | Existing Permanent       |
| 145             | 1287.12  | 0.18           | 12                       | No Name                     | Two Track | Existing Permanent       |
| 146             | 1287.69  | 0.30           | 20                       | Florence Place              | Gravel    | Existing Permanent       |
| 147             | 1288.69  | 0.35           | 12                       | No Name                     | Two Track | Existing Permanent       |
| 148             | 1289.44  | 0.35           | 24                       | Meier Road West             | Asphalt   | Existing Permanent       |
| <b>Chehalis</b> |          |                |                          |                             |           |                          |
| 200             | 1291.46  | 0.16           | 12                       | No Name                     | Two Track | Temporary                |
| 201             | 1291.70  | 0.34           | 12                       | No Name                     | Two Track | Existing Permanent       |
| 202             | 1292.75  | 0.08           | 20                       | No Name                     | Gravel    | Temporary                |
| 203             | 1293.59  | 0.30           | 12                       | No Name                     | Two Track | Future Permanent         |
| 204             | 1294.04  | 0.58           | 24                       | Pier Road                   | Asphalt   | Existing Permanent       |
| 205             | 1294.52  | 0.19           | 24                       | Taylor Road South           | Asphalt   | Temporary                |
| 206             | 1294.87  | 0.06           | 20                       | No Name                     | Gravel    | Existing Permanent       |
| 207             | 1295.80  | 0.14           | 24                       | Yates Road                  | Asphalt   | Existing Permanent       |
| 208             | 1296.30  | 0.24           | 24                       | Ryan Drive                  | Asphalt   | Existing Permanent       |
| 209             | 1297.16  | 0.22           | 20                       | Mountain Sun Road           | Gravel    | Existing Permanent       |
| 210             | 1297.85  | 0.31           | 12                       | No Name                     | Two Track | Temporary                |
| 211             | 1299.48  | 0.97           | 12                       | No Name                     | Two Track | Future Permanent         |
| 211.1           | 1299.64  | 0.10           | 12                       | No Name                     | Two Track | Future Permanent         |
| 212             | 1300.33  | 0.88           | 24                       | Reinke Road                 | Asphalt   | Future Permanent         |
| 212.1           | 1300.00  | 0.14           | 12                       | No Name                     | Two Track | Existing Permanent       |
| 212.2           | 1300.09  | 0.11           | 12                       | No Name                     | Two Track | Temporary                |

## Table of Access Roads

Washington Expansion Project Access Roads<sup>a, b, c</sup>

| Access #              | Milepost | Length (Miles) | Approximate Width (Feet) | Road Name                                 | Surfacing | Road Status <sup>d</sup> |
|-----------------------|----------|----------------|--------------------------|---|-----------|--------------------------|
| 213                   | 1301.21  | 0.41           | 12                       | No Name                                   | Two Track | Existing Permanent       |
| 214                   | 1302.23  | 1.67           | 12                       | Anderson Road                             | Two Track | Existing Permanent       |
| 214.1                 | 1301.93  | 0.11           | 12                       | No Name                                   | Two Track | Existing Permanent       |
| 214.2                 | 1302.81  | 1.18           | 20                       | No Name                                   | Gravel    | Existing Permanent       |
| 215                   | 1303.78  | 0.73           | 12                       | No Name                                   | Two Track | Existing Permanent       |
| 216                   | 1304.29  | 1.46           | 20                       | No Name                                   | Gravel    | Existing Permanent       |
| 216.1                 | 1304.77  | 0.65           | 12                       | No Name                                   | Two Track | Existing Permanent       |
| 216.2                 | 1305.31  | 1.02           | 20                       | No Name                                   | Gravel    | Existing Permanent       |
| 217                   | 1306.85  | 0.19           | 20                       | Elkview Lane                              | Gravel    | Existing Permanent       |
| 218                   | 1308.04  | 3.67           | 20                       | Thompson Creek Road SE                    | Gravel    | Existing Permanent       |
| 218.1                 | 1307.27  | 1.25           | 20                       | No Name                                   | Gravel    | Existing Permanent       |
| 218.2                 | 1307.81  | 0.05           | 12                       | No Name                                   | Two Track | Existing Permanent       |
| 218.3                 | 1308.10  | 0.05           | 12                       | No Name                                   | Two Track | Existing Permanent       |
| 218.4                 | 1308.57  | 0.22           | 12                       | No Name                                   | Two Track | Existing Permanent       |
| 219                   | 1309.65  | 0.25           | 12                       | No Name                                   | Two Track | Temporary                |
| 220                   | 1309.80  | 0.02           | 20                       | No Name                                   | Gravel    | Temporary                |
| 221                   | 1310.16  | 5.86           | 12                       | No Name                                   | Two Track | Existing Permanent       |
| 221.1                 | 1310.30  | 0.06           | 12                       | No Name                                   | Two Track | Existing Permanent       |
| 221.2                 | 1312.77  | 0.75           | 20                       | No Name                                   | Gravel    | Existing Permanent       |
| 221.3                 | 1313.22  | 1.05           | 12                       | No Name                                   | Two Track | Existing Permanent       |
| 221.4                 | 1313.48  | 0.11           | 12                       | No Name                                   | Two Track | Existing Permanent       |
| 222                   | 1310.84  | 1.56           | 12                       | No Name                                   | Two Track | Temporary                |
| 223                   | 1314.11  | 1.91           | 20                       | No Name                                   | Gravel    | Existing Permanent       |
| 224                   | 1314.76  | 3.40           | 20                       | NF-900                                    | Gravel    | Existing Permanent       |
| 225                   | 1315.60  | 0.27           | 12                       | 160th Lane SE                             | Two Track | Existing Permanent       |
| <b>Sumner South</b>   |          |                |                          |   |           |                          |
| 300                   | 1339.96  | 0.56           | 20                       | No Name                                   | Gravel    | Existing Permanent       |
| 301                   | 1340.44  | 0.46           | 24                       | 70th Avenue East / 164th Street East      | Asphalt   | Existing Permanent       |
| 302                   | 1340.52  | 0.17           | 20                       | 74th Avenue East                          | Gravel    | Existing Permanent       |
| 302.1                 | 1340.58  | 0.07           | 20                       | No Name                                   | Gravel    | Temporary                |
| 302.2                 | 1340.69  | 0.06           | 20                       | No Name                                   | Gravel    | Existing Permanent       |
| 303                   | 1341.05  | 0.08           | 20                       | No Name                                   | Gravel    | Temporary                |
| 304                   | 1341.22  | 0.42           | 24                       | 74th Avenue E / 152nd Street East         | Asphalt   | Existing Permanent       |
| 305                   | 1342.59  | 0.17           | 24                       | 137th Street East                         | Asphalt   | Existing Permanent       |
| 306                   | 1344.82  | 0.10           | 24                       | 10th Street SE                            | Asphalt   | Existing Permanent       |
| 307                   | 1344.96  | 0.21           | 24                       | No Name                                   | Asphalt   | Existing Permanent       |
| 308                   | 1347.14  | 0.15           | 20                       | No Name                                   | Gravel    | Temporary                |
| 309                   | 1347.38  | 0.10           | 24                       | 134th Avenue East                         | Asphalt   | Existing Permanent       |
| 310                   | 1347.84  | 0.12           | 12                       | No Name                                   | Two Track | Temporary                |
| 311                   | 1348.10  | 0.45           | 24                       | 143rd Avenue East / Rivergrove Drive East | Asphalt   | Existing Permanent       |
| 311.1                 | 1348.17  | 0.14           | 24                       | Village Drive East                        | Asphalt   | Existing Permanent       |
| 311.2                 | 1348.25  | 0.16           | 24                       | 72nd St E / 74th St Ct East               | Asphalt   | Existing Permanent       |
| 312                   | 1348.31  | 0.03           | 12                       | No Name                                   | Two Track | Temporary                |
| 313                   | 1348.54  | 0.29           | 24                       | 74th Street East / Riverside Road East    | Asphalt   | Existing Permanent       |
| 314                   | 1349.28  | 0.06           | 20                       | No Name                                   | Gravel    | Future Permanent         |
| <b>Sumner North A</b> |          |                |                          |   |           |                          |
| 400                   | 1357.07  | 0.26           | 12                       | 144th Avenue SE                           | Two Track | Existing Permanent       |
| 401                   | 1357.49  | 0.21           | 12                       | No Name                                   | Two Track | Existing Permanent       |
| 402                   | 1358.79  | 0.01           | 12                       | No Name                                   | Two Track | Existing Permanent       |
| 404                   | 1359.91  | 0.02           | 12                       | No Name                                   | Two Track | Existing Permanent       |
| 405                   | 1360.05  | 0.16           | 12                       | No Name                                   | Two Track | Temporary                |

## Table of Access Roads

Washington Expansion Project Access Roads<sup>a, b, c</sup>

| Access #                | Milepost | Length (Miles) | Approximate Width (Feet) | Road Name  | Surfacing | Road Status <sup>d</sup> |
|-------------------------|----------|----------------|--------------------------|--|-----------|--------------------------|
| 406                     | 1360.47  | 0.16           | 12                       | No Name / 176th Avenue SE                        | Two Track | Existing Permanent       |
| 407                     | 1360.61  | 0.14           | 12                       | SE 303rd Street                                  | Asphalt   | Existing Permanent       |
| 408                     | 1361.05  | 0.09           | 20                       | SE 299th Place                                   | Gravel    | Temporary                |
| 409                     | 1361.55  | 0.04           | 20                       | No Name  | Gravel    | Existing Permanent       |
| 410                     | 1361.65  | 0.05           | 12                       | 186th Place SE                                   | Two Track | Existing Permanent       |
| 411                     | 1361.80  | 0.42           | 12                       | 184th Place SE / SE 287th Street                 | Two Track | Existing Permanent       |
| 412                     | 1362.78  | 0.03           | 12                       | No Name  | Two Track | Existing Permanent       |
| 413                     | 1363.89  | 0.04           | 20                       | No Name  | Gravel    | Existing Permanent       |
| <b>Sumner North B</b>   |          |                |                          |  |           |                          |
| 500                     | 1370.89  | 0.01           | 20                       | No Name  | Gravel    | Existing Permanent       |
| 501                     | 1371.18  | 0.17           | 20                       | No Name  | Gravel    | Temporary                |
| 502                     | 1371.30  | 0.10           | 20                       | SE 148th Place                                   | Gravel    | Existing Permanent       |
| 502.1                   | 1371.45  | 0.15           | 20                       | 23Road Avenue SE                                 | Gravel    | Existing Permanent       |
| 503                     | 1372.00  | 0.03           | 20                       | SE 137th Street                                  | Gravel    | Existing Permanent       |
| 504                     | 1372.62  | 0.09           | 20                       | SE 127th Street                                  | Gravel    | Existing Permanent       |
| 505                     | 1372.76  | 0.05           | 20                       | SE 125th Place                                   | Gravel    | Existing Permanent       |
| 506                     | 1372.83  | 0.03           | 24                       | No Name  | Asphalt   | Existing Permanent       |
| 507                     | 1372.89  | 0.01           | 24                       | No Name  | Asphalt   | Temporary                |
| 508                     | 1373.05  | 0.01           | 20                       | No Name  | Gravel    | Temporary                |
| 509                     | 1373.68  | 0.18           | 24                       | SE 111th Street                                  | Asphalt   | Existing Permanent       |
| 510                     | 1373.99  | 0.24           | 20                       | SE 106th Place                                   | Gravel    | Existing Permanent       |
| 511                     | 1374.23  | 0.19           | 20                       | SE 103Road Street                                | Gravel    | Existing Permanent       |
| 512                     | 1375.64  | 1.41           | 20                       | SE 79th Street                                   | Gravel    | Existing Permanent       |
| 513                     | 1376.84  | 0.07           | 20                       | No Name  | Gravel    | Temporary                |
| 514                     | 1377.43  | 0.32           | 20                       | No Name  | Gravel    | Temporary                |
| 515                     | 1380.13  | 0.47           | 24                       | 245th Avenue SE / 244th Avenue SE / 242nd Avenue | Asphalt   | Existing Permanent       |
| 517                     | 1381.57  | 0.51           | 24                       | 237th Place NE / NE 5th Street / 242nd Avenue NE | Asphalt   | Existing Permanent       |
| 518                     | 1381.88  | 0.15           | 24                       | 238th Avenue NE                                  | Asphalt   | Existing Permanent       |
| 518.1                   | 1381.82  | 0.01           | 12                       | No Name  | Two Track | Existing Permanent       |
| <b>Snohomish</b>        |          |                |                          |  |           |                          |
| 600                     | 1394.18  | 0.07           | 24                       | No Name  | Asphalt   | Temporary                |
| 601                     | 1395.69  | 0.03           | 20                       | No Name  | Gravel    | Existing Permanent       |
| 602                     | 1396.60  | 0.05           | 24                       | No Name  | Asphalt   | Existing Permanent       |
| 603                     | 1397.95  | 0.17           | 20                       | Tester Branch Road / No Name                     | Gravel    | Existing Permanent       |
| 603.1                   | 1398.01  | 0.28           | 20                       | No Name  | Gravel    | Existing Permanent       |
| 604                     | 1400.61  | 0.09           | 20                       | No Name  | Gravel    | Existing Permanent       |
| 605                     | 1401.59  | 1.51           | 20                       | No Name  | Gravel    | Existing Permanent       |
| 606                     | 1402.89  | 0.05           | 20                       | No Name  | Gravel    | Existing Permanent       |
| 607                     | 1402.94  | 0.01           | 20                       | No Name  | Gravel    | Existing Permanent       |
| 608                     | 1403.75  | 0.08           | 20                       | 84th Street SE                                   | Gravel    | Existing Permanent       |
| 609                     | 1405.09  | 0.10           | 20                       | No Name  | Gravel    | Existing Permanent       |
| 610                     | 1406.19  | 0.11           | 20                       | No Name  | Gravel    | Existing Permanent       |
| 611                     | 1407.02  | 0.07           | 20                       | No Name  | Gravel    | Existing Permanent       |
| 612                     | 1407.25  | 0.04           | 20                       | No Name  | Gravel    | Existing Permanent       |
| 613                     | 1408.53  | 0.13           | 24                       | 12th Street SE                                   | Asphalt   | Existing Permanent       |
| 614                     | 1408.60  | 0.13           | 20                       | No Name  | Gravel    | Existing Permanent       |
| 615                     | 1408.75  | 0.12           | 20                       | No Name  | Gravel    | Existing Permanent       |
| <b>Mt. Vernon South</b> |          |                |                          |  |           |                          |
| 700                     | 1435.70  | 0.61           | 20                       | No Name  | Gravel    | Existing Permanent       |
| 701                     | 1437.64  | 0.18           | 20                       | Walker Valley Road                               | Gravel    | Existing Permanent       |
| 702                     | 1437.75  | 0.03           | 24                       | No Name  | Asphalt   | Existing Permanent       |

Table of Access Roads

Washington Expansion Project Access Roads <sup>a, b, c</sup>

| Access #                  | Milepost | Length (Miles) | Approximate Width (Feet) | Road Name               | Surfacing | Road Status <sup>d</sup> |
|---------------------------|----------|----------------|--------------------------|-------------------------|-----------|--------------------------|
| 703                       | 1437.90  | 0.13           | 20                       | No Name                 | Gravel    | Existing Permanent       |
| 703.1                     | 1438.20  | 0.36           | 20                       | No Name                 | Gravel    | Existing Permanent       |
| 704                       | 1438.41  | 0.74           | 20                       | No Name                 | Gravel    | Temporary                |
| 705                       | 1439.13  | 0.01           | 20                       | No Name                 | Gravel    | Temporary                |
| 706                       | 1439.46  | 0.04           | 20                       | No Name                 | Gravel    | Temporary                |
| 707                       | 1439.59  | 0.17           | 20                       | No Name                 | Gravel    | Temporary                |
| 708                       | 1439.97  | 0.04           | 20                       | No Name                 | Gravel    | Existing Permanent       |
| <b>Mt. Vernon North A</b> |          |                |                          |                         |           |                          |
| 800                       | 1442.14  | 0.52           | 20                       | Fox Road                | Gravel    | Existing Permanent       |
| 801                       | 1442.89  | 0.17           | 20                       | No Name                 | Gravel    | Existing Permanent       |
| 801.1                     | 1442.83  | 0.03           | 20                       | No Name                 | Gravel    | Existing Permanent       |
| 802                       | 1443.14  | 0.09           | 20                       | No Name                 | Gravel    | Existing Permanent       |
| 803                       | 1444.13  | 0.57           | 20                       | Morford Road            | Gravel    | Existing Permanent       |
| 804                       | 1444.83  | 0.05           | 20                       | No Name                 | Gravel    | Existing Permanent       |
| 805                       | 1444.99  | 0.30           | 20                       | River Lane              | Gravel    | Existing Permanent       |
| <b>Mt. Vernon North B</b> |          |                |                          |                         |           |                          |
| 900                       | 1453.55  | 0.22           | 20                       | Duval Drive             | Gravel    | Existing Permanent       |
| 901                       | 1456.81  | 0.39           | 20                       | No Name                 | Gravel    | Temporary                |
| 902                       | 1456.61  | 0.39           | 20                       | Pacific Northwest Trail | Gravel    | Existing Permanent       |
| 903                       | 1457.47  | 0.15           | 20                       | No Name                 | Gravel    | Temporary                |
| 904                       | 1457.67  | 0.46           | 20                       | No Name                 | Gravel    | Existing Permanent       |
| 904.1                     | 1458.24  | 0.84           | 20                       | No Name                 | Gravel    | Existing Permanent       |
| 905                       | 1459.65  | 0.03           | 20                       | No Name                 | Gravel    | Existing Permanent       |
| 906                       | 1461.03  | 0.37           | 20                       | No Name                 | Gravel    | Temporary                |
| <b>Sumas</b>              |          |                |                          |                         |           |                          |
| 1000                      | 1479.19  | 0.13           | 20                       | No Name                 | Gravel    | Temporary                |
| 1001                      | 1480.20  | 0.57           | 20                       | No Name                 | Gravel    | Existing Permanent       |
| 1002                      | 1480.59  | 0.34           | 20                       | No Name                 | Gravel    | Temporary                |
| 1003                      | 1481.61  | 0.08           | 20                       | No Name                 | Gravel    | Existing Permanent       |

NE= northeast

SE= southeast

| Note | Purpose        | Explanation   |
|------|----------------|---|
| a    | <b>Safety</b>  | It is necessary to provide sufficient access for emergency vehicles. The pipeline crosses many locations along the right-of-way (ROW) that emergency vehicles would not be able to travel, and the ability to get emergency vehicles into the ROW requires several access points.   |
| b    | <b>Terrain</b> | The pipeline crosses several locations along the ROW that construction vehicles would not be able to access, including areas with steep terrain, gorges, creeks, or rivers. Additionally, in order to minimize construction impacts, the ROW is narrow and has multiple side slopes. This type of terrain requires access points for pipe trucks to enter at one end of a construction site and leave at the opposite end. There is limited space for two-way traffic along the construction site and there are minimal turnaround locations for long equipment such as pipe trucks and trailers. |
| c    | <b>Traffic</b> | During construction, multiple construction tasks will occur concurrently, including removal of existing 26-inch pipe, delivery of new pipe, timber removal, and dust control operations, and will necessitate continual site access for construction vehicles and equipment.  |
| d    |                | Existing Permanent: Existing roads used currently and in the past by Northwest operations personnel for ROW,  |



## **APPENDIX I6**

### **SITE-SPECIFIC RESIDENTIAL CONSTRUCTION PLANS; TABLE OF RESIDENCES WITHIN 50 FEET OF WEP CONSTRUCTION RIGHT-OF- WAY; SITE-SPECIFIC SCHOOL CONSTRUCTION PLANS**

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# Site-Specific Plans for Residences within 25 Feet

Northwest will work with each landowner/resident on an individual basis to ensure fair treatment during the time of construction. Site specifics will be worked out with individual landowners prior to construction. Construction stipulations will be negotiated with each landowner regarding specific measures that will be taken.

In general, Northwest Pipeline LLC (Northwest) plans to incorporate the following measures for residences within 10 feet of the proposed workspace, which encompasses the construction right-of-way (ROW) and temporary extra workspace area (TEWA):

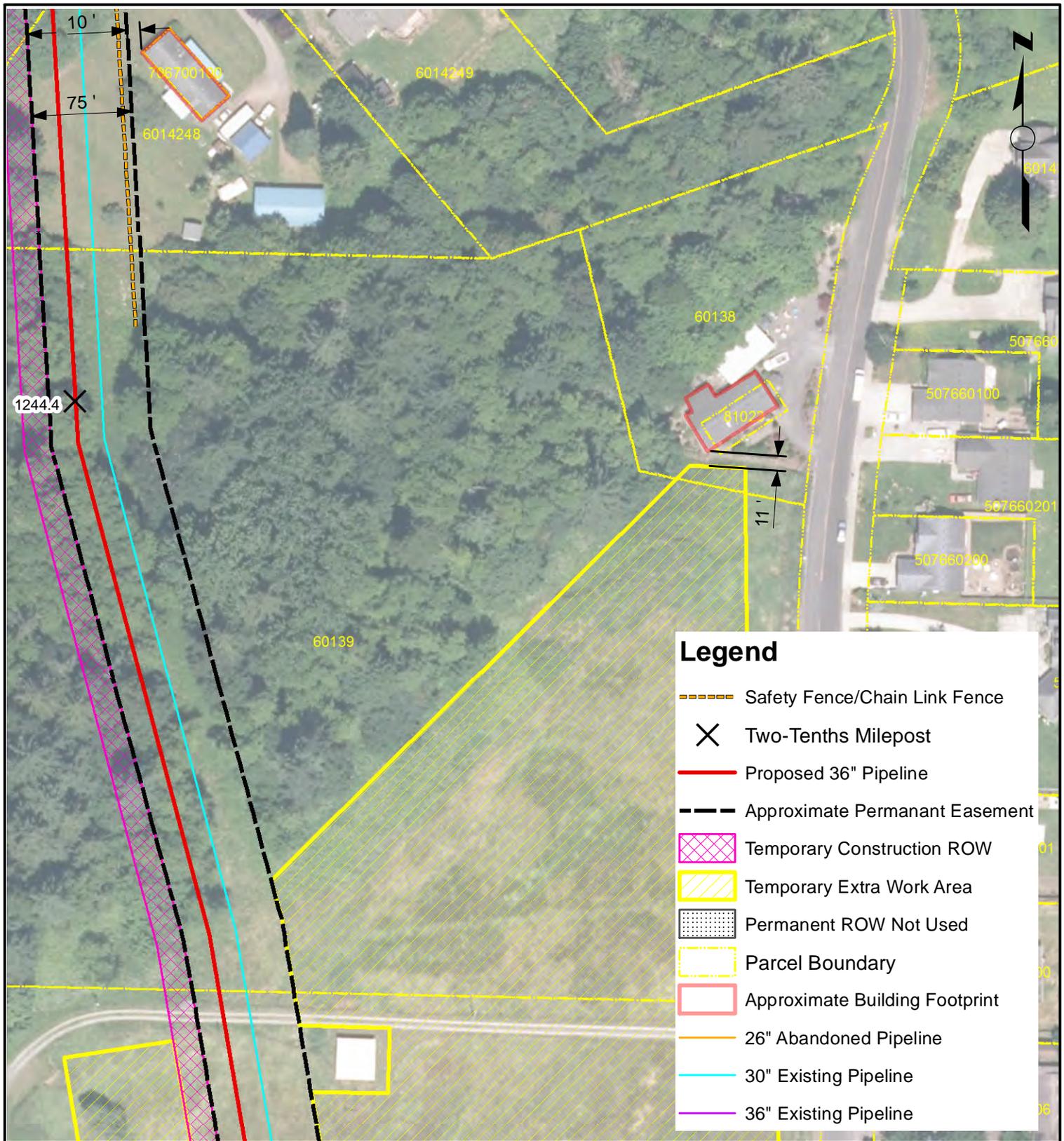
- Temporary chain-link and reinforced orange safety fencing will be placed between the residence and the construction work area at a distance no less than 5 feet away from the foundation of the home.
- Temporary chain-link and reinforced orange safety fencing will be enclosed where needed to keep children and pets away from construction workspace. Northwest will communicate with residents about the placement and timing of temporary fencing.
- For areas where construction will inhibit driveways or access to the home, Northwest will contact the resident prior to the fence installation to discuss the timing of temporary fencing installation and removal. Residents will be able to access their homes when needed. Temporary rerouting of a driveway or entrance may be required, and safety fencing may be needed between the entrance and the ROW or TEWA. These actions will be relayed to the contractor. If a resident needs to be relocated for safety or other reasons, Northwest will define details on an individual basis.
- Open trenches will be covered using steel (or similar material) plates each night before contract workers leave the construction site. In densely populated areas, chain-link fencing will also surround the covered trench.
- Northwest will not remove any structures or buildings unless they inhibit construction. Structures or buildings within Northwest's existing permanent easement will not be permitted. Northwest will make accommodations with landowners prior to removal of structures or buildings within TEWAs that are not located in Northwest's easement.
- Northwest will comply with local noise ordinances in these residential locations. Where there are additional concerns, Northwest will work with individuals and local jurisdictions to mitigate the effect.
- In densely populated areas, Northwest intends to use methods of construction that limit the duration of construction in one area. Stove piping (an open trench of only one pipe joint length) will be the primary method of installation through densely populated areas. One or two pipe sections per day will be installed.
- Spoil will be stored in TEWAs or hauled offsite where tight areas do not allow for spoil storage on the ROW. Topsoil will be segregated in all residential areas, and replaced upon completion.
- For residences within 50 feet of the construction workspace, temporary chain-link and reinforced orange safety fencing will be installed near the home at the edge of the construction work area.

Northwest will apply the above measures to homes within 25 feet of the construction workspace where needed, or as agreed upon with the landowner.



# Woodland Loop





**Legend**

- Safety Fence/Chain Link Fence
- Two-Tenths Milepost
- Proposed 36" Pipeline
- Approximate Permanant Easement
- Temporary Construction ROW
- Temporary Extra Work Area
- Permanent ROW Not Used
- Parcel Boundary
- Approximate Building Footprint
- 26" Abandoned Pipeline
- 30" Existing Pipeline
- 36" Existing Pipeline

**NOTES**

NOTES:  
 1. Only structures intended for human occupancy are delineated as "residences" on these sheets. Outbuildings, garages, sheds, etc. may be present within 25-ft of the ROW and appropriate safety measures will be developed during the land acquisition and construction planning phase.  
 2. Non-residential structures within the construction workspace will be removed during construction. Removal details shall be addressed in accordance with current landowner agreements at the time of construction.

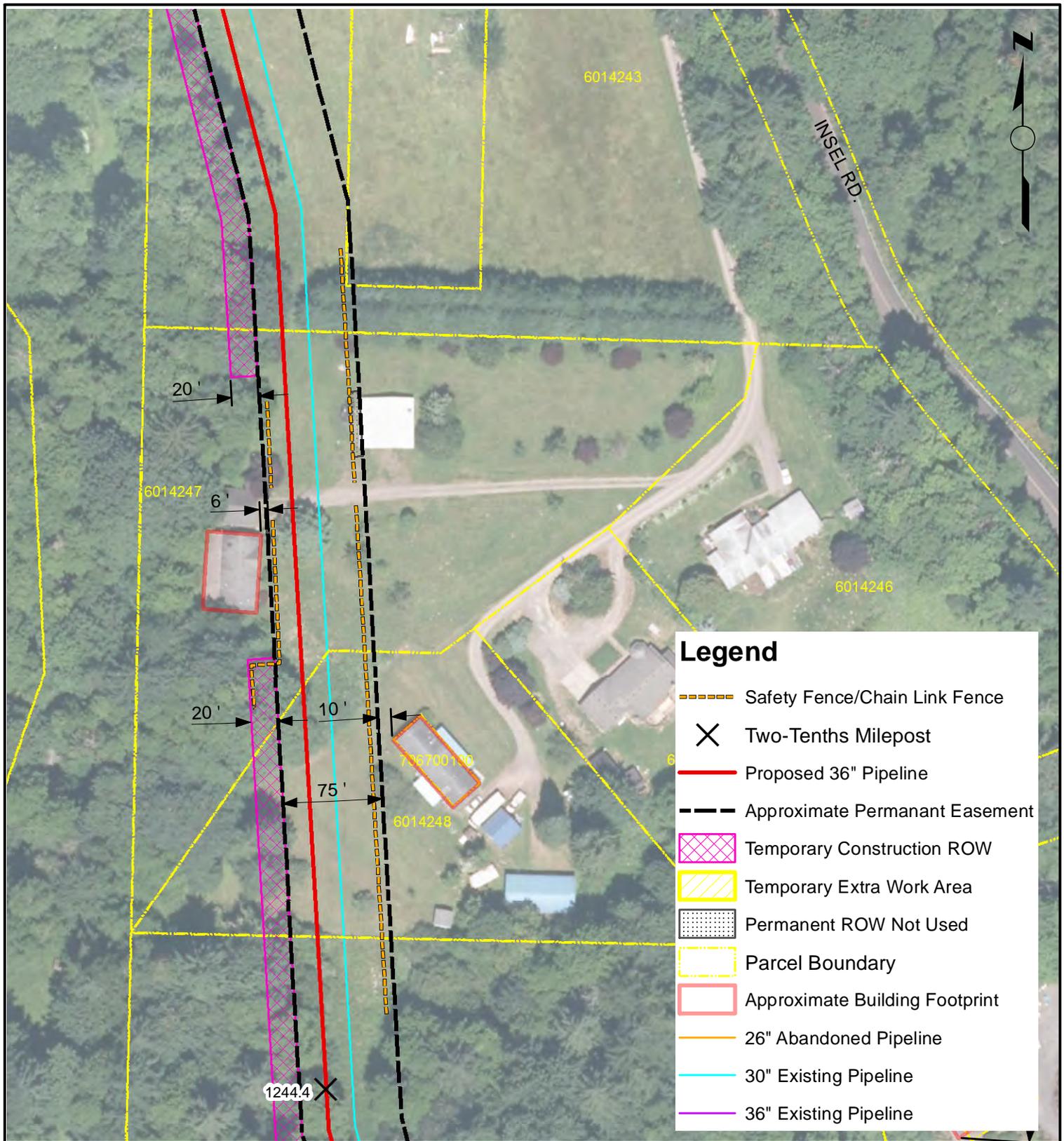
NORTHWEST PIPELINE LLC  
 WASHINGTON EXPANSION PROJECT  
 RESIDENTIAL SITE SPECIFIC MAP  
 MP 1244.37  
 T-5-N, R-1-E, S-7  
 COWLITZ COUNTY, WASHINGTON



**REVISIONS**

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### Legend

- Safety Fence/Chain Link Fence
- Two-Tenths Milepost
- Proposed 36" Pipeline
- Approximate Permanant Easement
- Temporary Construction ROW
- Temporary Extra Work Area
- Permanent ROW Not Used
- Parcel Boundary
- Approximate Building Footprint
- 26" Abandoned Pipeline
- 30" Existing Pipeline
- 36" Existing Pipeline

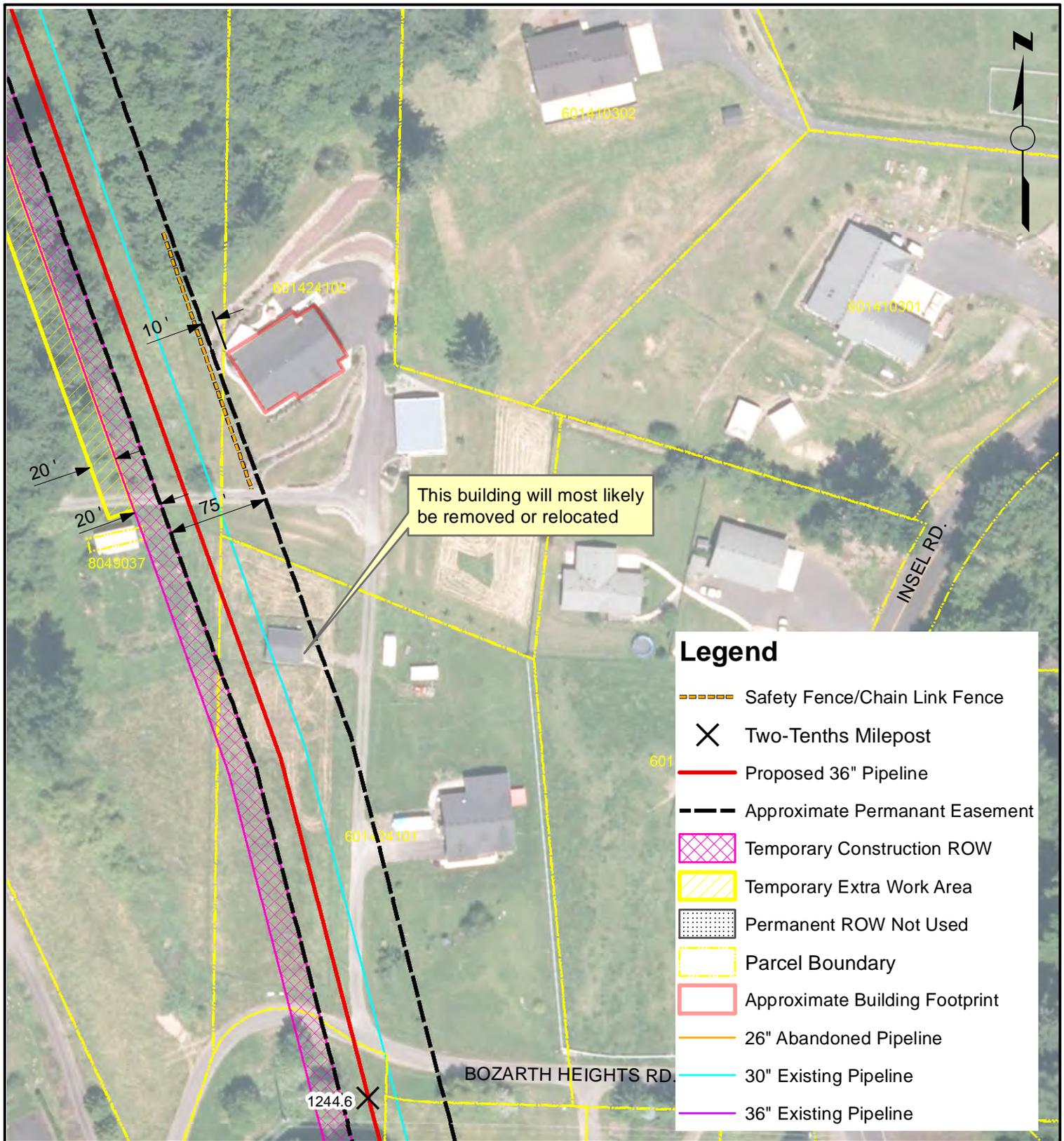
**NOTES**

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 1. Only structures intended for human occupancy are delineated as "residences" on these sheets. Outbuildings, garages, sheds, etc. may be present within 25-ft of the ROW and appropriate safety measures will be developed during the land acquisition and construction planning phase.

2. Non-residential structures within the construction workspace will be removed during construction. Removal details shall be addressed in accordance with current landowner agreements at the time of construction.

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 RESIDENTIAL SITE SPECIFIC MAP  
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| 01        | 6/4/2013 | MC | Review Comments                     |          | KK  | WD   | APPROVED BY: JGT | DATE:         | DRAWING NUMBER: 1244.47 - 1002 | SHEET 2          |
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**NOTES**

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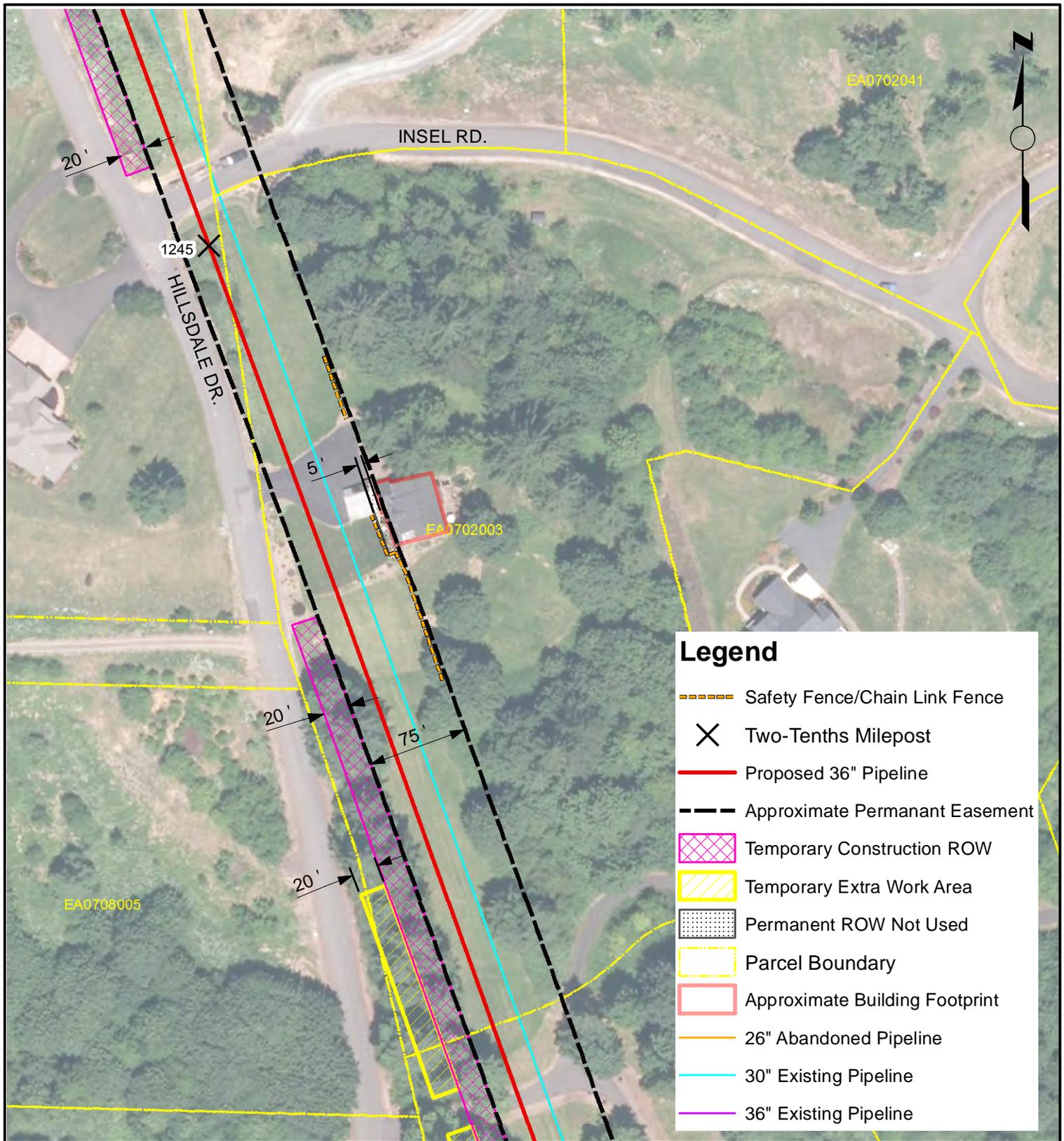
NORTHWEST PIPELINE LLC  
 WASHINGTON EXPANSION PROJECT  
 RESIDENTIAL SITE SPECIFIC MAP  
 MP 1244.69  
 T-5-N, R-1-E, S-7  
 COWLITZ COUNTY, WASHINGTON



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### Legend

- Safety Fence/Chain Link Fence
- X Two-Tenths Milepost
- Proposed 36" Pipeline
- Approximate Permanent Easement
- Temporary Construction ROW
- Temporary Extra Work Area
- Permanent ROW Not Used
- Parcel Boundary
- Approximate Building Footprint
- 26" Abandoned Pipeline
- 30" Existing Pipeline
- 36" Existing Pipeline

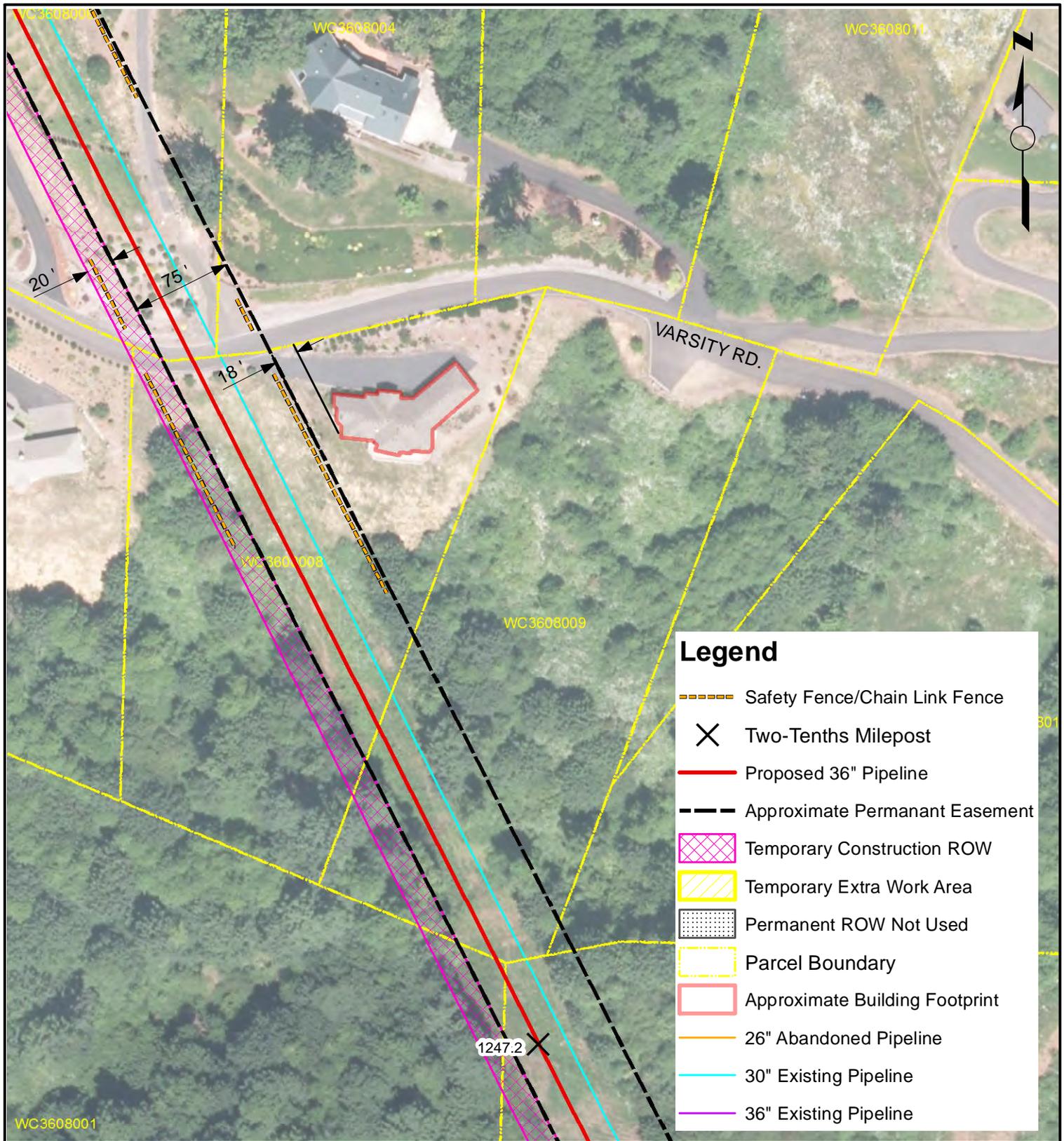
**NOTES**

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2. Non-residential structures within the construction workspace will be removed during construction. Removal details shall be addressed in accordance with current landowner agreements at the time of construction.

**NORTHWEST PIPELINE LLC**  
**WASHINGTON EXPANSION PROJECT**  
**RESIDENTIAL SITE SPECIFIC MAP**  
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**T-5-N, R-1-E, S-7**  
**COWLITZ COUNTY, WASHINGTON**

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| 02        | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD | JGT  |                  |               | NUMBER: 1244.95 - 1004         | OF 20            |



**NOTES**

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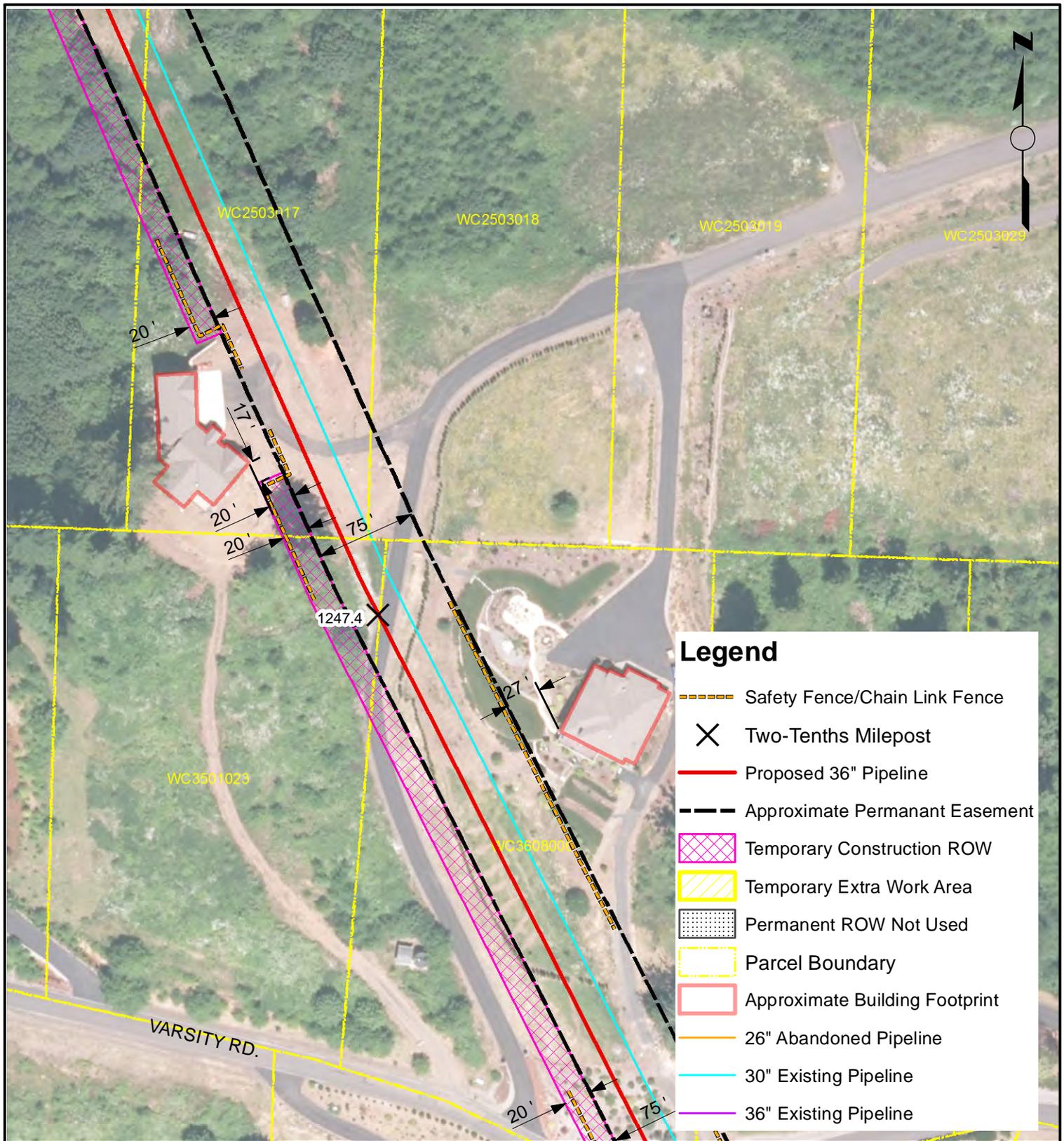
NORTHWEST PIPELINE LLC  
 WASHINGTON EXPANSION PROJECT  
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 COWLITZ COUNTY, WASHINGTON



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**NOTES**

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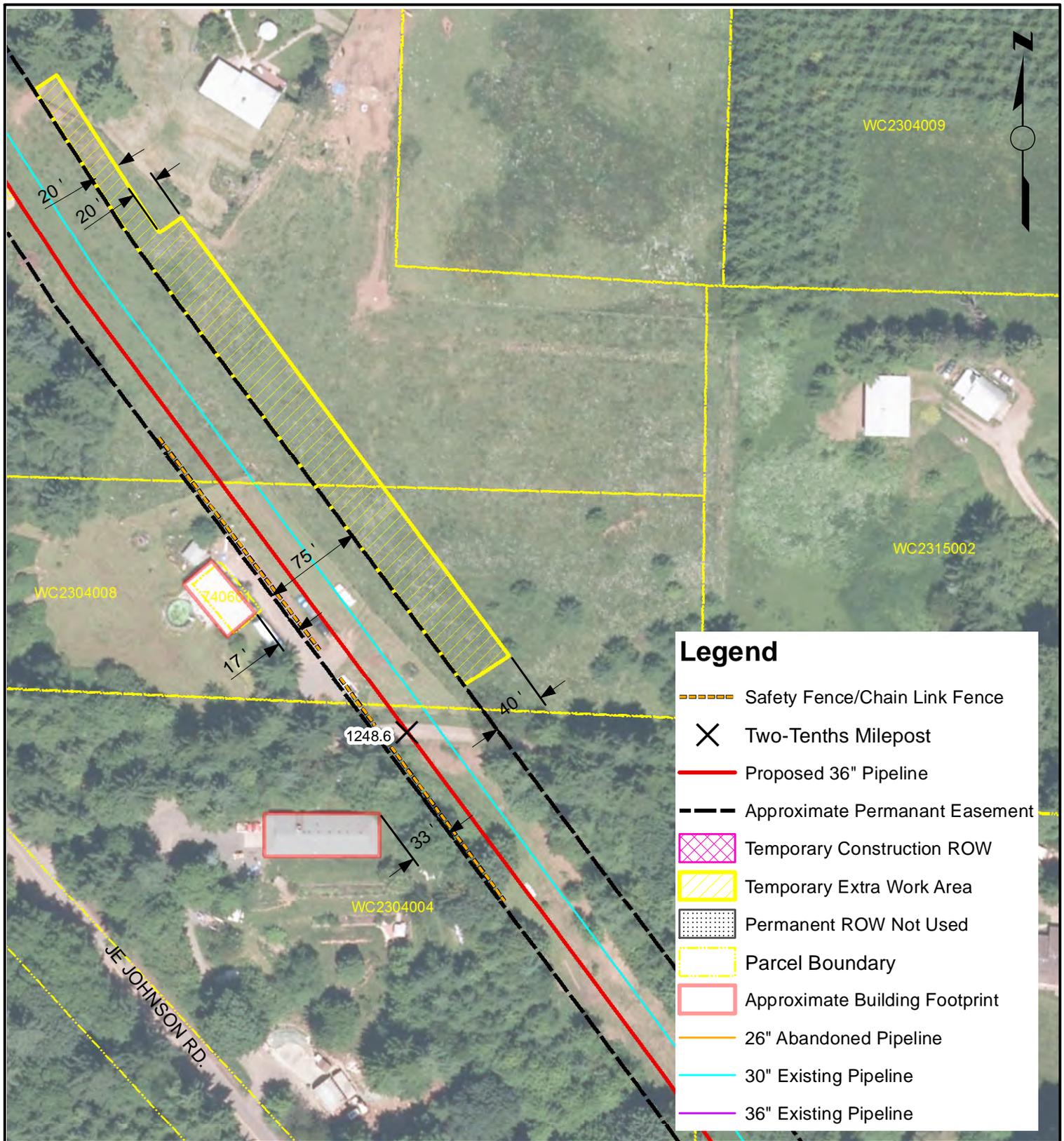
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 WASHINGTON EXPANSION PROJECT  
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 COWLITZ COUNTY, WASHINGTON



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|------------------|---------------|--------------------------------|------------------|
| DRAWN BY: MC     | DATE: 5/15/13 | ISSUED FOR BID:                | SCALE: 1" = 100' |
| CHECKED BY: JWD  | DATE:         | ISSUED FOR CONSTRUCTION:       |                  |
| APPROVED BY: JGT | DATE:         | DRAWING NUMBER: 1247.40 - 1006 | SHEET 6 OF 20    |



### Legend

- Safety Fence/Chain Link Fence
- Two-Tenths Milepost
- Proposed 36" Pipeline
- Approximate Permanant Easement
- Temporary Construction ROW
- Temporary Extra Work Area
- Permanent ROW Not Used
- Parcel Boundary
- Approximate Building Footprint
- 26" Abandoned Pipeline
- 30" Existing Pipeline
- 36" Existing Pipeline

**NOTES**

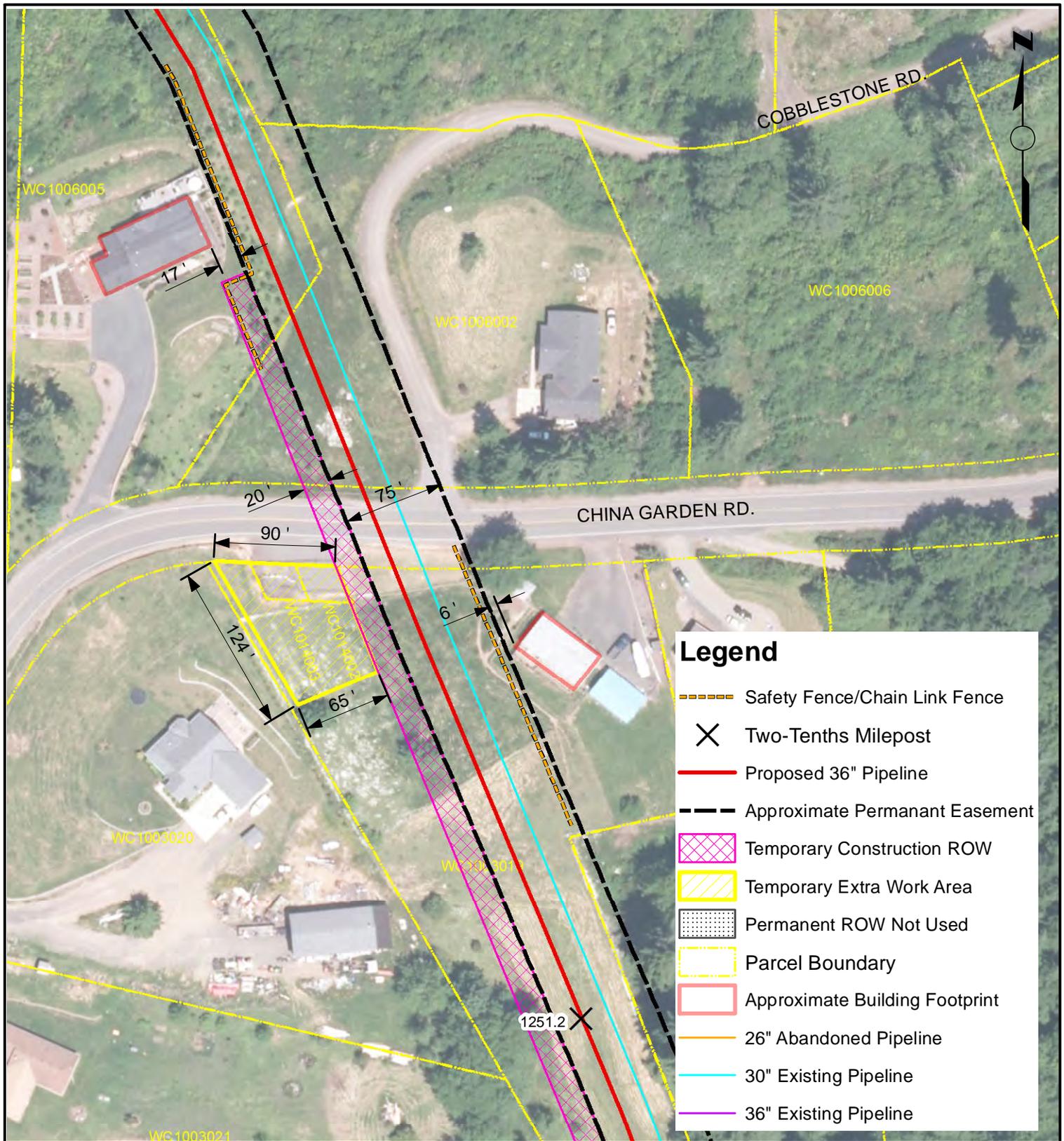
NOTES:  
 1. Only structures intended for human occupancy are delineated as "residences" on these sheets. Outbuildings, garages, sheds, etc. may be present within 25-ft of the ROW and appropriate safety measures will be developed during the land acquisition and construction planning phase.

2. Non-residential structures within the construction workspace will be removed during construction. Removal details shall be addressed in accordance with current landowner agreements at the time of construction.

NORTHWEST PIPELINE LLC  
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 COWLITZ COUNTY, WASHINGTON

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| DRAWN BY: MC     | DATE: 5/15/13 | ISSUED FOR BID:                | SCALE: 1" = 100' |
| CHECKED BY: JWD  | DATE:         | ISSUED FOR CONSTRUCTION:       |                  |
| APPROVED BY: JGT | DATE:         | DRAWING NUMBER: 1248.59 - 1007 | SHEET 7 OF 20    |



**NOTES**

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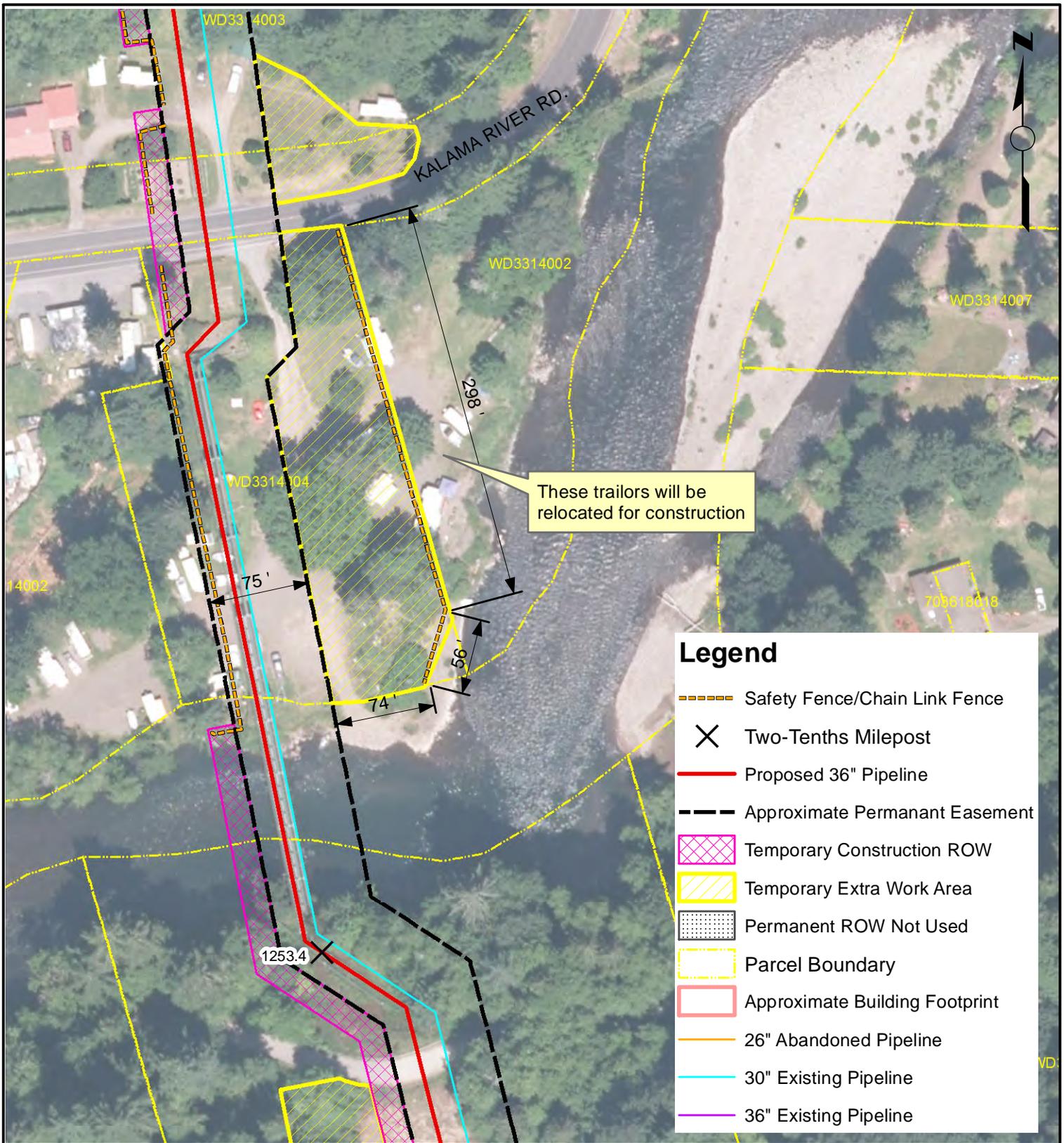
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 WASHINGTON EXPANSION PROJECT  
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 MP 1251.27  
 T-6-N, R-1-W, S-10  
 COWLITZ COUNTY, WASHINGTON



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| CHECKED BY: JWD  | DATE:         | ISSUED FOR CONSTRUCTION:       |                  |
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These trailers will be relocated for construction

### Legend

- Safety Fence/Chain Link Fence
- Two-Tenths Milepost
- Proposed 36" Pipeline
- Approximate Permanent Easement
- Temporary Construction ROW
- Temporary Extra Work Area
- Permanent ROW Not Used
- Parcel Boundary
- Approximate Building Footprint
- 26" Abandoned Pipeline
- 30" Existing Pipeline
- 36" Existing Pipeline

**NOTES**

NOTES:  
 1. Only structures intended for human occupancy are delineated as "residences" on these sheets. Outbuildings, garages, sheds, etc. may be present within 25-ft of the ROW and appropriate safety measures will be developed during the land acquisition and construction planning phase.  
 2. Non-residential structures within the construction workspace will be removed during construction. Removal details shall be addressed in accordance with current landowner agreements at the time of construction.

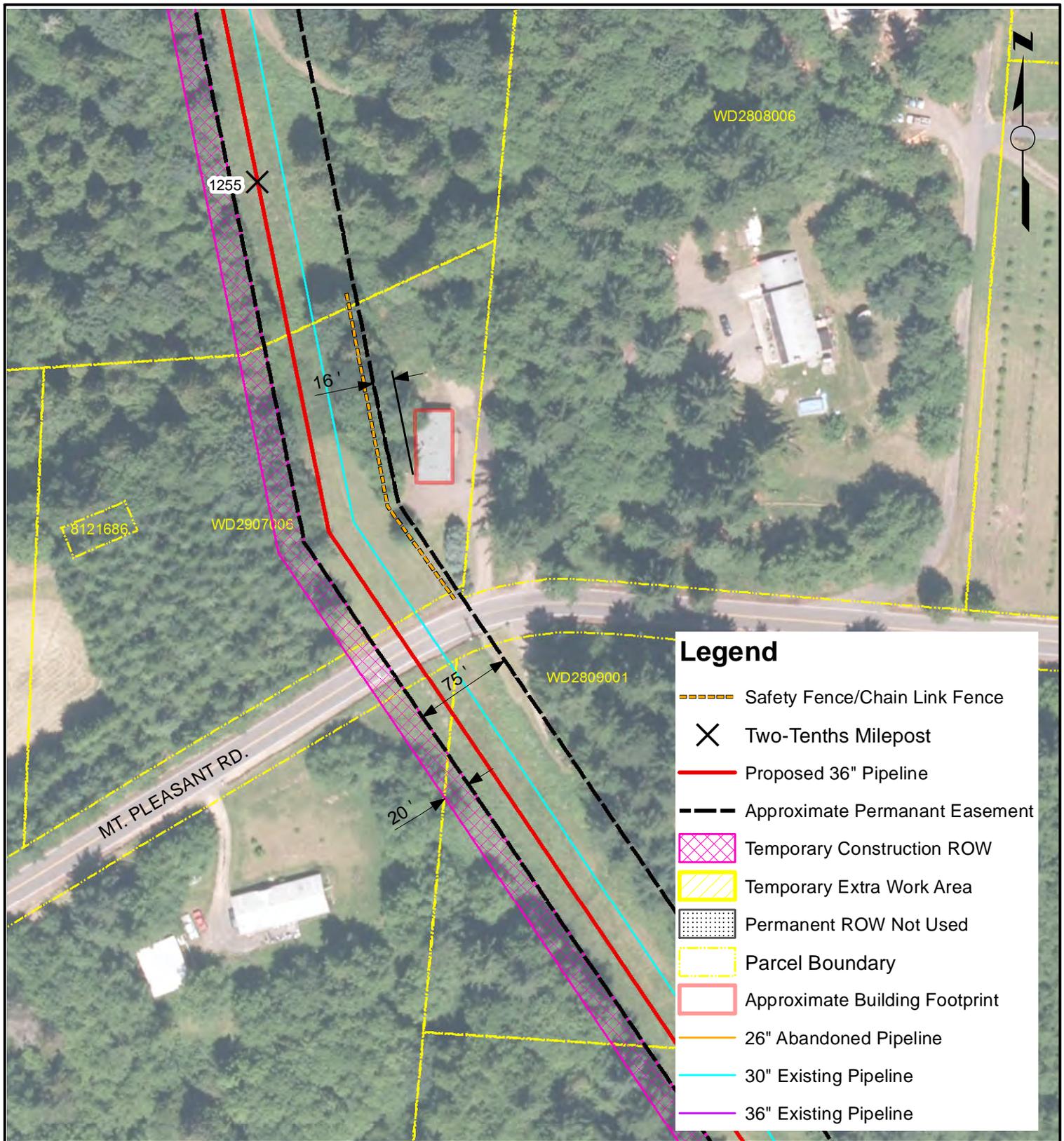
NORTHWEST PIPELINE LLC  
 WASHINGTON EXPANSION PROJECT  
 RESIDENTIAL SITE SPECIFIC MAP  
 MP 1253.44  
 T-7-N, R-1-W, S-33  
 COWLITZ COUNTY, WASHINGTON



**REVISIONS**

| NO. | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK | APP. |
|-----|----------|----|-------------------------------------|----------|-----|------|
| 01  | 6/4/2013 | MC | Review Comments                     |          | KK  | WD   |
| 02  | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD | JGT  |

|                  |               |                                |                  |
|------------------|---------------|--------------------------------|------------------|
| DRAWN BY: MC     | DATE: 5/15/13 | ISSUED FOR BID:                | SCALE: 1" = 100' |
| CHECKED BY: JWD  | DATE:         | ISSUED FOR CONSTRUCTION:       |                  |
| APPROVED BY: JGT | DATE:         | DRAWING NUMBER: 1253.45 - 1009 | SHEET 9 OF 20    |



**NOTES**

NOTES:  
 1. Only structures intended for human occupancy are delineated as "residences" on these sheets. Outbuildings, garages, sheds, etc. may be present within 25-ft of the ROW and appropriate safety measures will be developed during the land acquisition and construction planning phase.  
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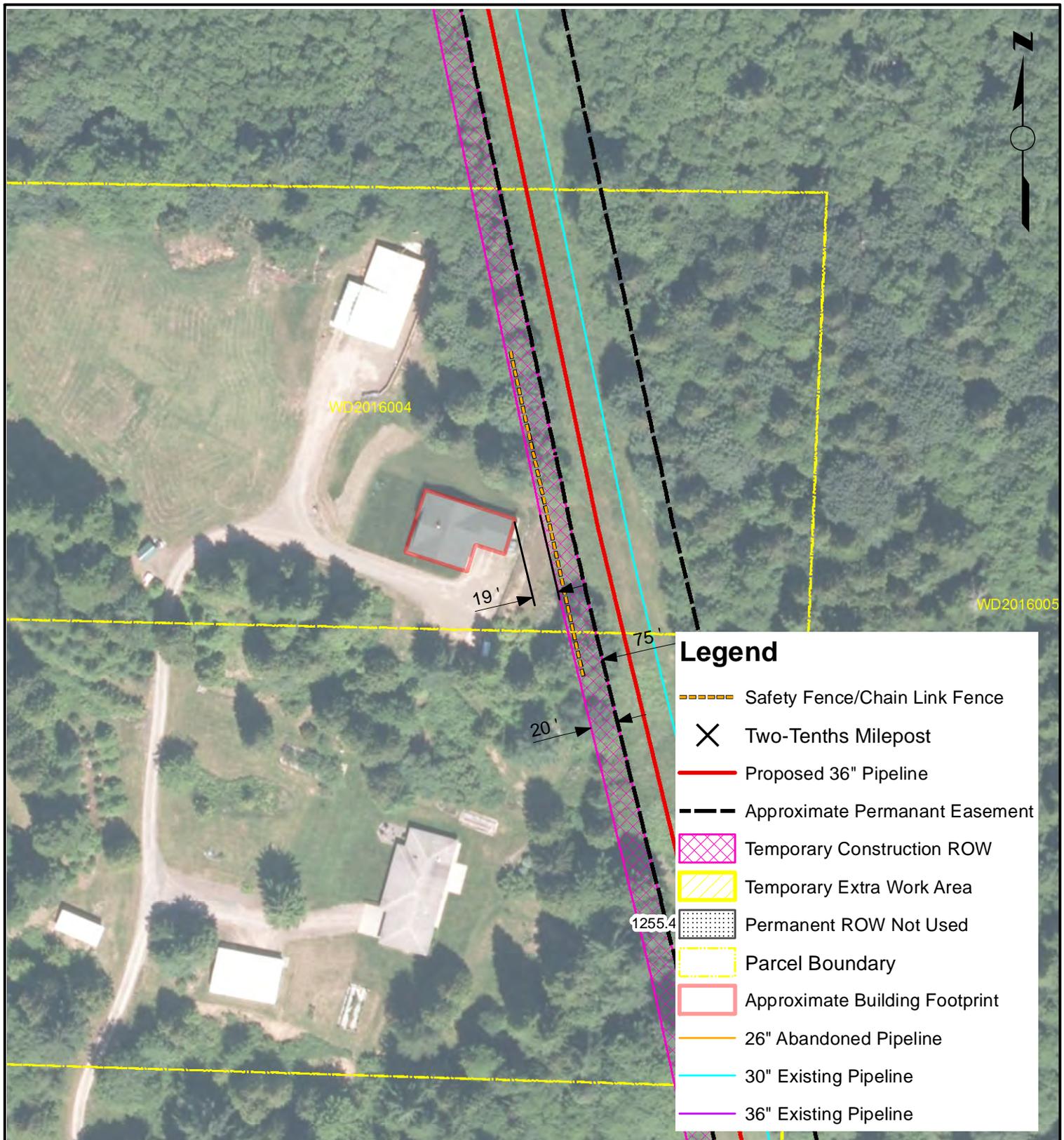
NORTHWEST PIPELINE LLC  
 WASHINGTON EXPANSION PROJECT  
 RESIDENTIAL SITE SPECIFIC MAP  
 MP 1254.95  
 T-7-N, R-1-W, S-28  
 COWLITZ COUNTY, WASHINGTON



**REVISIONS**

| NO. | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK | APP. |
|-----|----------|----|-------------------------------------|----------|-----|------|
| 01  | 6/4/2013 | MC | Review Comments                     |          | KK  | WD   |
| 02  | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD | JGT  |

|                  |               |                                 |                  |
|------------------|---------------|---------------------------------|------------------|
| DRAWN BY: MC     | DATE: 5/15/13 | ISSUED FOR BID:                 | SCALE: 1" = 100' |
| CHECKED BY: JWD  | DATE:         | ISSUED FOR CONSTRUCTION:        |                  |
| APPROVED BY: JGT | DATE:         | DRAWING NUMBER: 1254.96 - 10010 | SHEET 10 OF 20   |



**NOTES**

NOTES:  
 1. Only structures intended for human occupancy are delineated as "residences" on these sheets. Outbuildings, garages, sheds, etc. may be present within 25-ft of the ROW and appropriate safety measures will be developed during the land acquisition and construction planning phase.  
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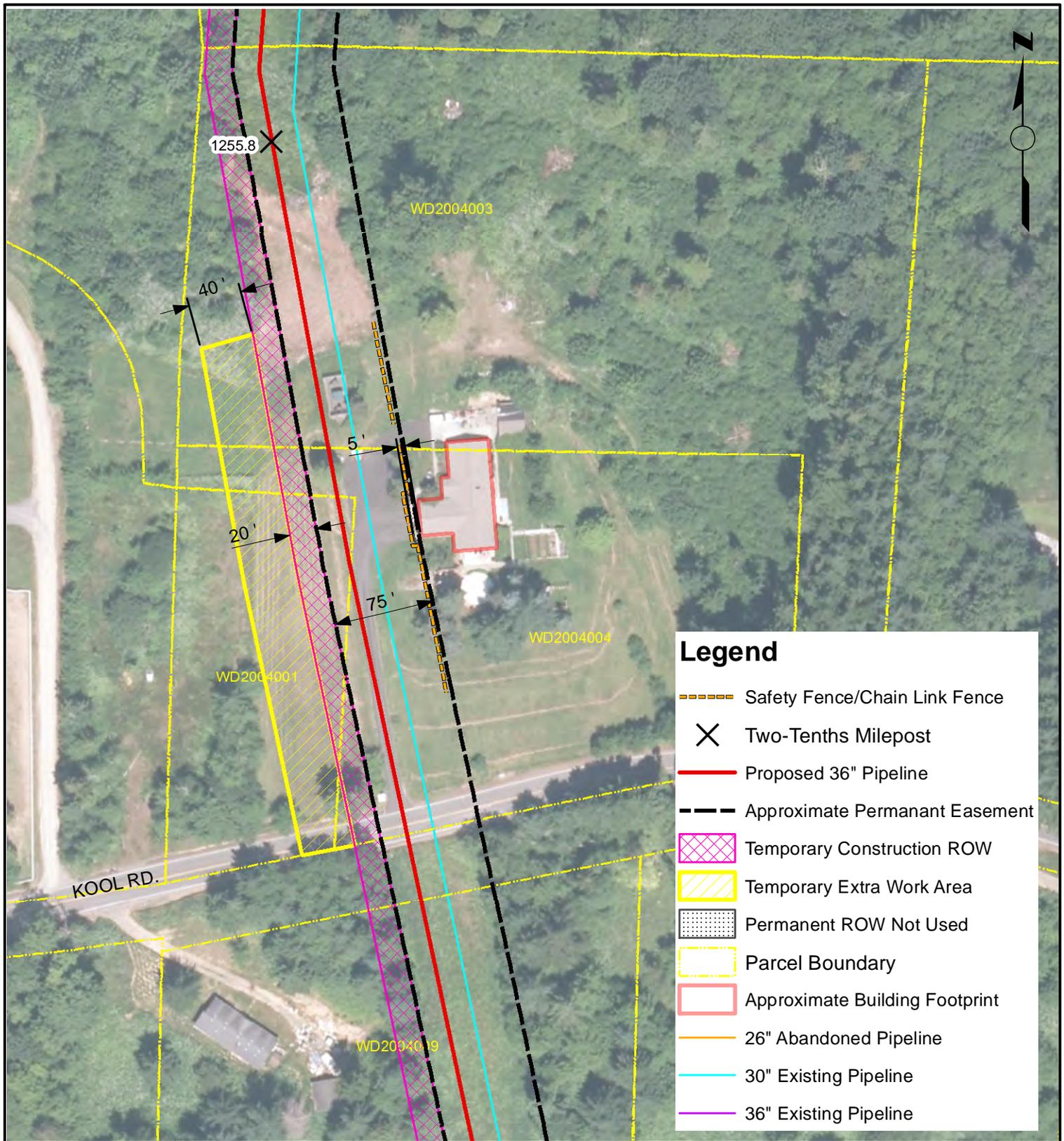
NORTHWEST PIPELINE LLC  
 WASHINGTON EXPANSION PROJECT  
 RESIDENTIAL SITE SPECIFIC MAP  
 MP 1255.44  
 T-7-N, R-1-W, S-20  
 COWLITZ COUNTY, WASHINGTON



**REVISIONS**

| NO. | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK | APP. |
|-----|----------|----|-------------------------------------|----------|-----|------|
| 01  | 6/4/2013 | MC | Review Comments                     |          | KK  | WD   |
| 02  | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD | JGT  |

|                  |               |                                 |                  |
|------------------|---------------|---------------------------------|------------------|
| DRAWN BY: MC     | DATE: 5/15/13 | ISSUED FOR BID:                 | SCALE: 1" = 100' |
| CHECKED BY: JWD  | DATE:         | ISSUED FOR CONSTRUCTION:        |                  |
| APPROVED BY: JGT | DATE:         | DRAWING NUMBER: 1255.45 - 10011 | SHEET 11 OF 20   |



### Legend

- Safety Fence/Chain Link Fence
- X Two-Tenths Milepost
- Proposed 36" Pipeline
- Approximate Permanent Easement
- Temporary Construction ROW
- Temporary Extra Work Area
- Permanent ROW Not Used
- Parcel Boundary
- Approximate Building Footprint
- 26" Abandoned Pipeline
- 30" Existing Pipeline
- 36" Existing Pipeline

**NOTES**

NOTES:  
 1. Only structures intended for human occupancy are delineated as "residences" on these sheets. Outbuildings, garages, sheds, etc. may be present within 25-ft of the ROW and appropriate safety measures will be developed during the land acquisition and construction planning phase.  
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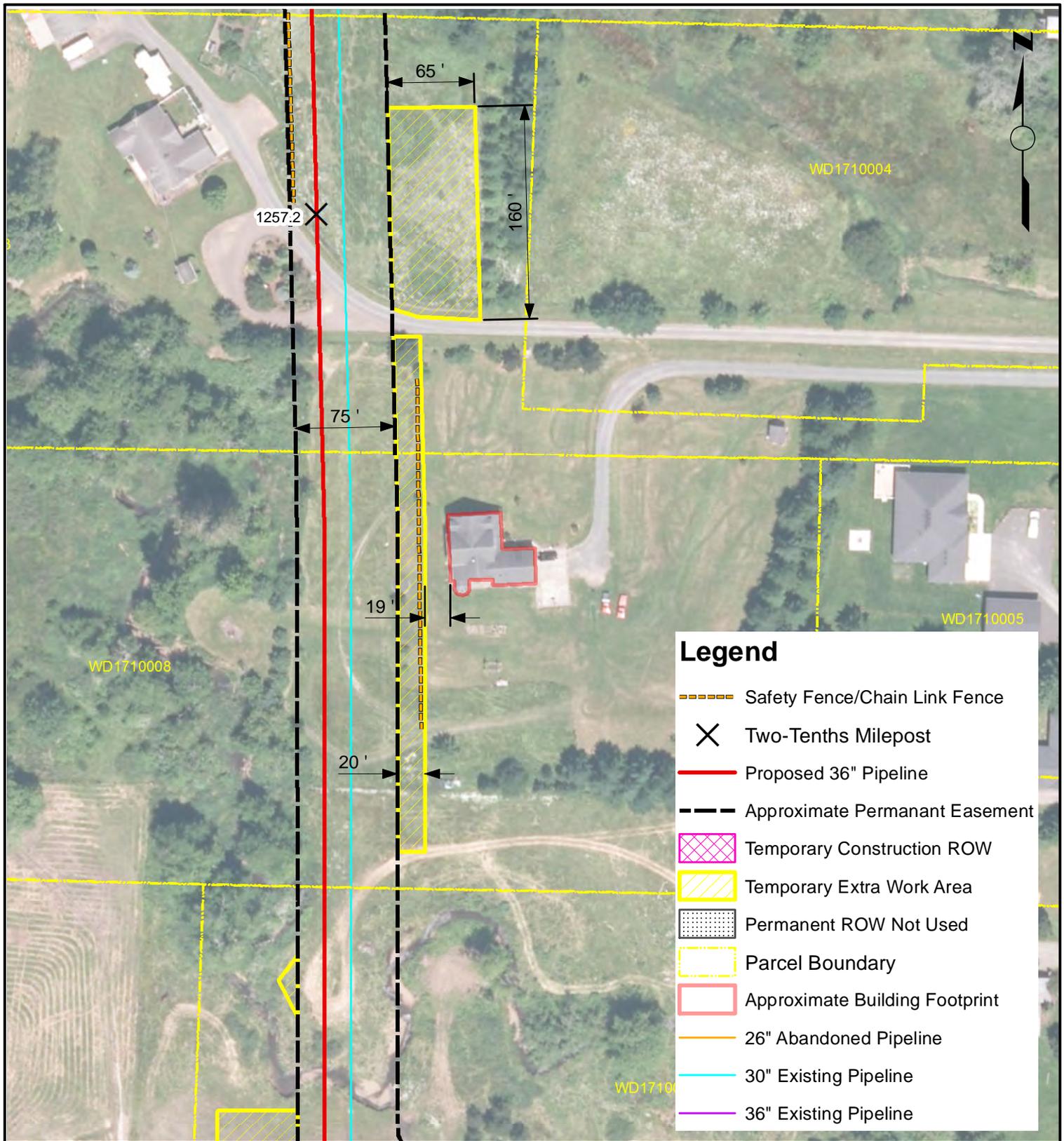
NORTHWEST PIPELINE LLC  
 WASHINGTON EXPANSION PROJECT  
 RESIDENTIAL SITE SPECIFIC MAP  
 MP 1255.72  
 T-7-N, R-1-W, S-20  
 COWLITZ COUNTY, WASHINGTON



**REVISIONS**

| NO. | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK | APP. |
|-----|----------|----|-------------------------------------|----------|-----|------|
| 01  | 6/4/2013 | MC | Review Comments                     |          | KK  | WD   |
| 02  | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD | JGT  |

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|------------------|---------------|---------------------------------|------------------|
| DRAWN BY: MC     | DATE: 5/15/13 | ISSUED FOR BID:                 | SCALE: 1" = 100' |
| CHECKED BY: JWD  | DATE:         | ISSUED FOR CONSTRUCTION:        |                  |
| APPROVED BY: JGT | DATE:         | DRAWING NUMBER: 1255.73 - 10012 | SHEET 12 OF 20   |



### Legend

- Safety Fence/Chain Link Fence
- Two-Tenths Milepost
- Proposed 36" Pipeline
- Approximate Permanent Easement
- Temporary Construction ROW
- Temporary Extra Work Area
- Permanent ROW Not Used
- Parcel Boundary
- Approximate Building Footprint
- 26" Abandoned Pipeline
- 30" Existing Pipeline
- 36" Existing Pipeline

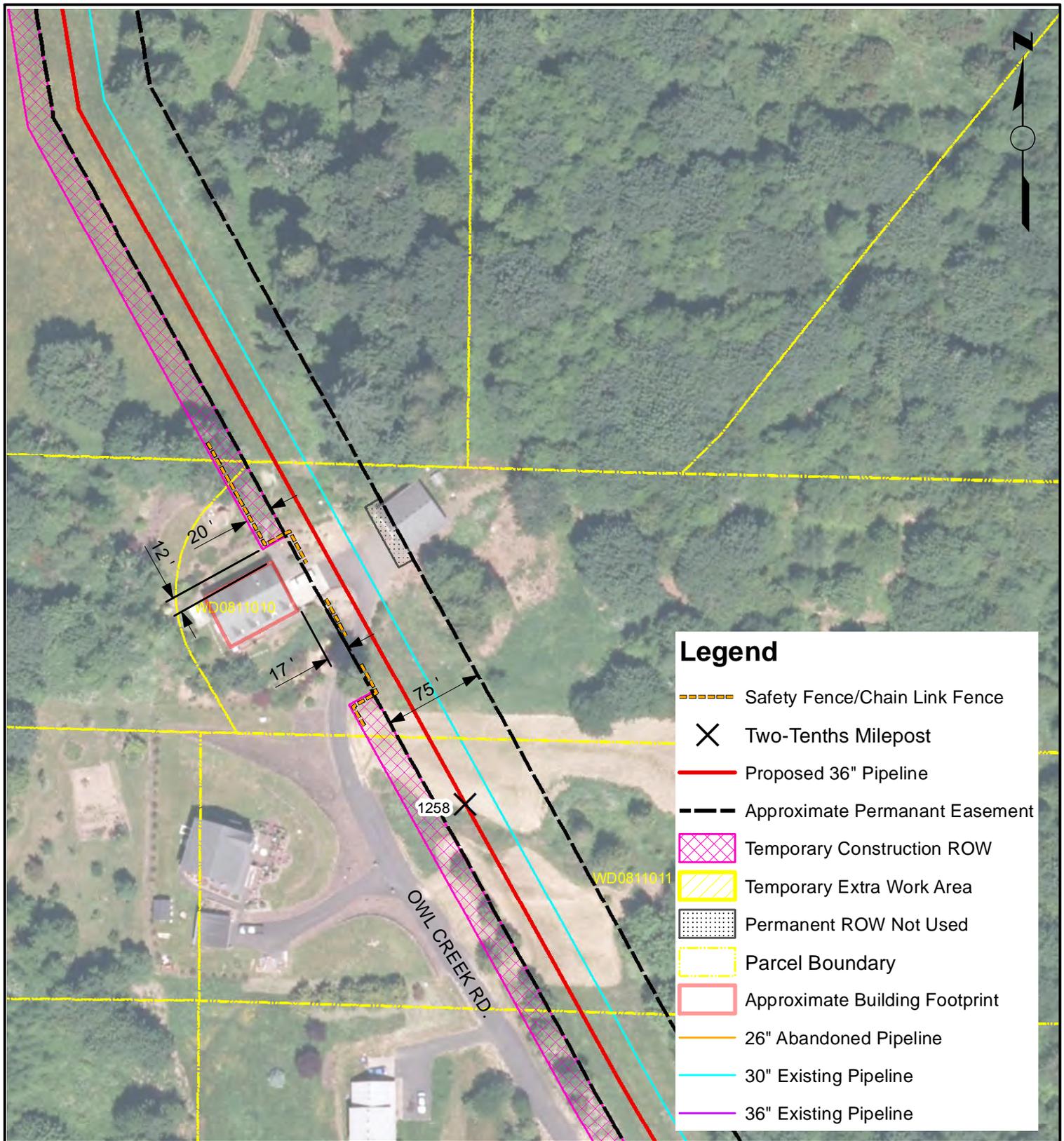
**NOTES**

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2. Non-residential structures within the construction workspace will be removed during construction. Removal details shall be addressed in accordance with current landowner agreements at the time of construction.

**NORTHWEST PIPELINE LLC**  
**WASHINGTON EXPANSION PROJECT**  
**RESIDENTIAL SITE SPECIFIC MAP**  
**MP 1257.14**  
**T-7-N, R-1-W, S-17**  
**COWLITZ COUNTY, WASHINGTON**

| REVISIONS |          |    |                                     |          |     |      | DRAWN BY: MC     | DATE: 5/15/13 | ISSUED FOR BID:                 | SCALE: 1" = 100' |
|-----------|----------|----|-------------------------------------|----------|-----|------|------------------|---------------|---------------------------------|------------------|
| NO.       | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK | APP. | CHECKED BY: JWD  | DATE:         | ISSUED FOR CONSTRUCTION:        |                  |
| 01        | 6/4/2013 | MC | Review Comments                     |          | KK  | WD   | APPROVED BY: JGT | DATE:         | DRAWING NUMBER: 1257.15 - 10013 | SHEET 13         |
| 02        | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD | JGT  |                  |               |                                 | OF 20            |



### Legend

- Safety Fence/Chain Link Fence
- X Two-Tenths Milepost
- Proposed 36" Pipeline
- Approximate Permanant Easement
- Temporary Construction ROW
- Temporary Extra Work Area
- Permanent ROW Not Used
- Parcel Boundary
- Approximate Building Footprint
- 26" Abandoned Pipeline
- 30" Existing Pipeline
- 36" Existing Pipeline

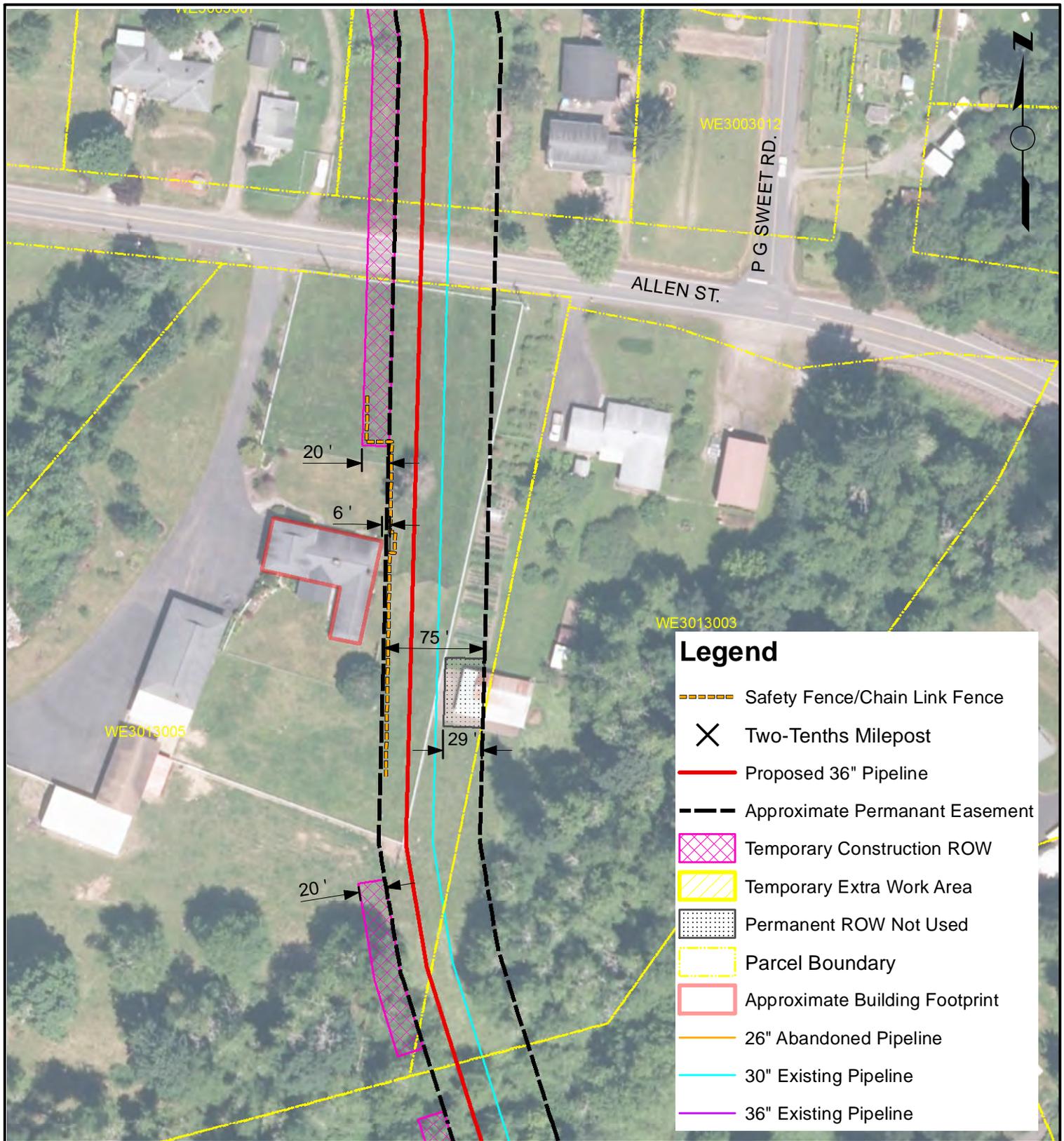
**NOTES**

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NORTHWEST PIPELINE LLC  
 WASHINGTON EXPANSION PROJECT  
 RESIDENTIAL SITE SPECIFIC MAP  
 MP 1258.03  
 T-7-N, R-1-W, S-8  
 COWLITZ COUNTY, WASHINGTON



| REVISIONS |          |    |                                     |          |     |      | DRAWN BY: MC     | DATE: 5/15/13 | ISSUED FOR BID:                 | SCALE: 1" = 100' |
|-----------|----------|----|-------------------------------------|----------|-----|------|------------------|---------------|---------------------------------|------------------|
| NO.       | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK | APP. | CHECKED BY: JWD  | DATE:         | ISSUED FOR CONSTRUCTION:        |                  |
| 01        | 6/4/2013 | MC | Review Comments                     |          | KK  | WD   | APPROVED BY: JGT | DATE:         | DRAWING NUMBER: 1258.03 - 10014 | SHEET 14         |
| 02        | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD | JGT  |                  |               | NUMBER: 1258.03 - 10014         | OF 20            |



**NOTES**

**NOTES:**

1. Only structures intended for human occupancy are delineated as "residences" on these sheets. Outbuildings, garages, sheds, etc. may be present within 25-ft of the ROW and appropriate safety measures will be developed during the land acquisition and construction planning phase.

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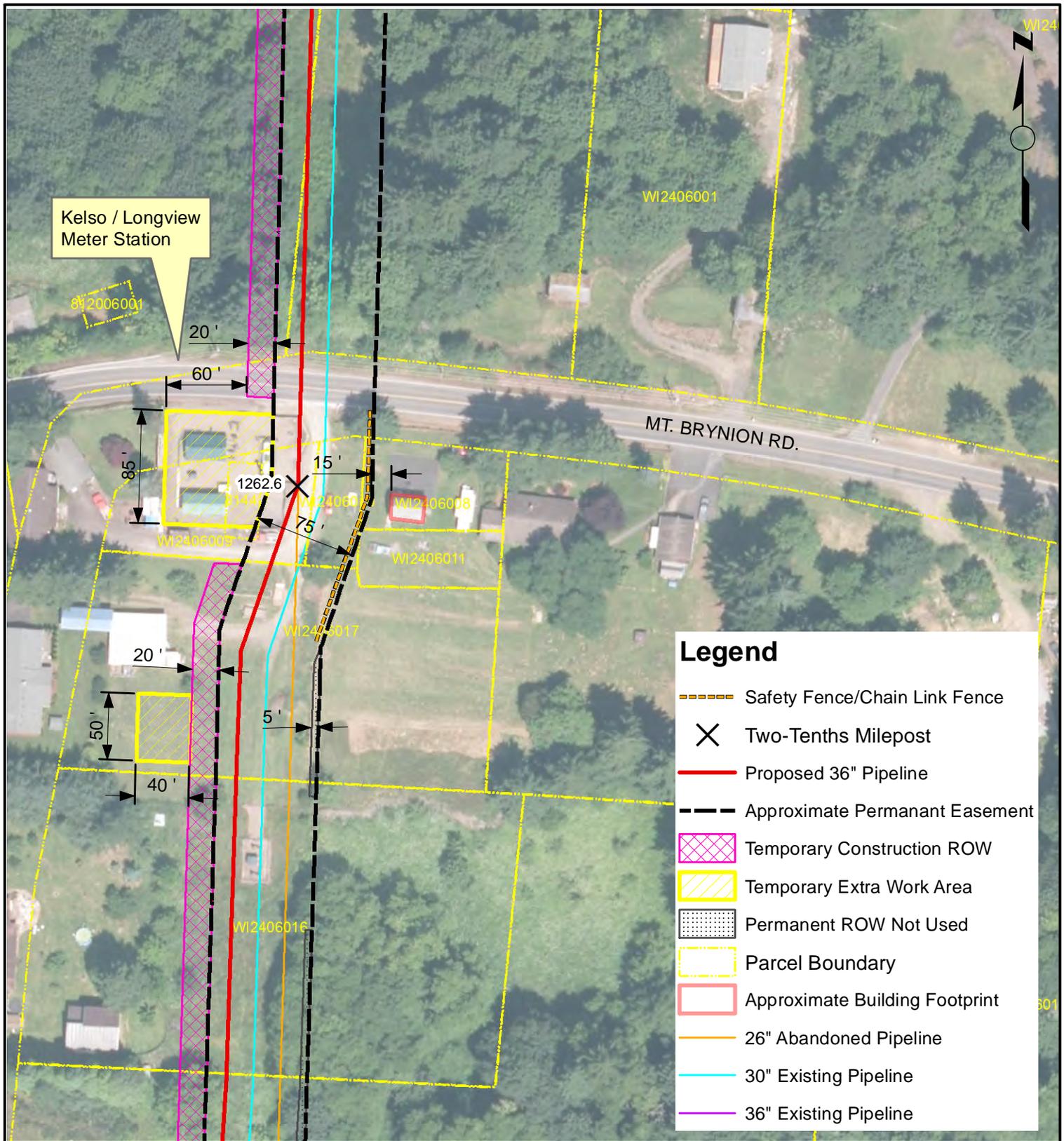
NORTHWEST PIPELINE LLC  
 WASHINGTON EXPANSION PROJECT  
 RESIDENTIAL SITE SPECIFIC MAP  
 MP 1260.9  
 T-8-N, R-1-W, S-30  
 COWLITZ COUNTY, WASHINGTON



**REVISIONS**

| NO. | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK | APP. |
|-----|----------|----|-------------------------------------|----------|-----|------|
| 01  | 6/4/2013 | MC | Review Comments                     |          | KK  | WD   |
| 02  | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD | JGT  |

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|------------------|---------------|--------------------------------|------------------|
| DRAWN BY: MC     | DATE: 5/15/13 | ISSUED FOR BID:                | SCALE: 1" = 100' |
| CHECKED BY: JWD  | DATE:         | ISSUED FOR CONSTRUCTION:       |                  |
| APPROVED BY: JGT | DATE:         | DRAWING NUMBER: 1260.9 - 10015 | SHEET 15 OF 20   |



**NOTES**

NOTES:  
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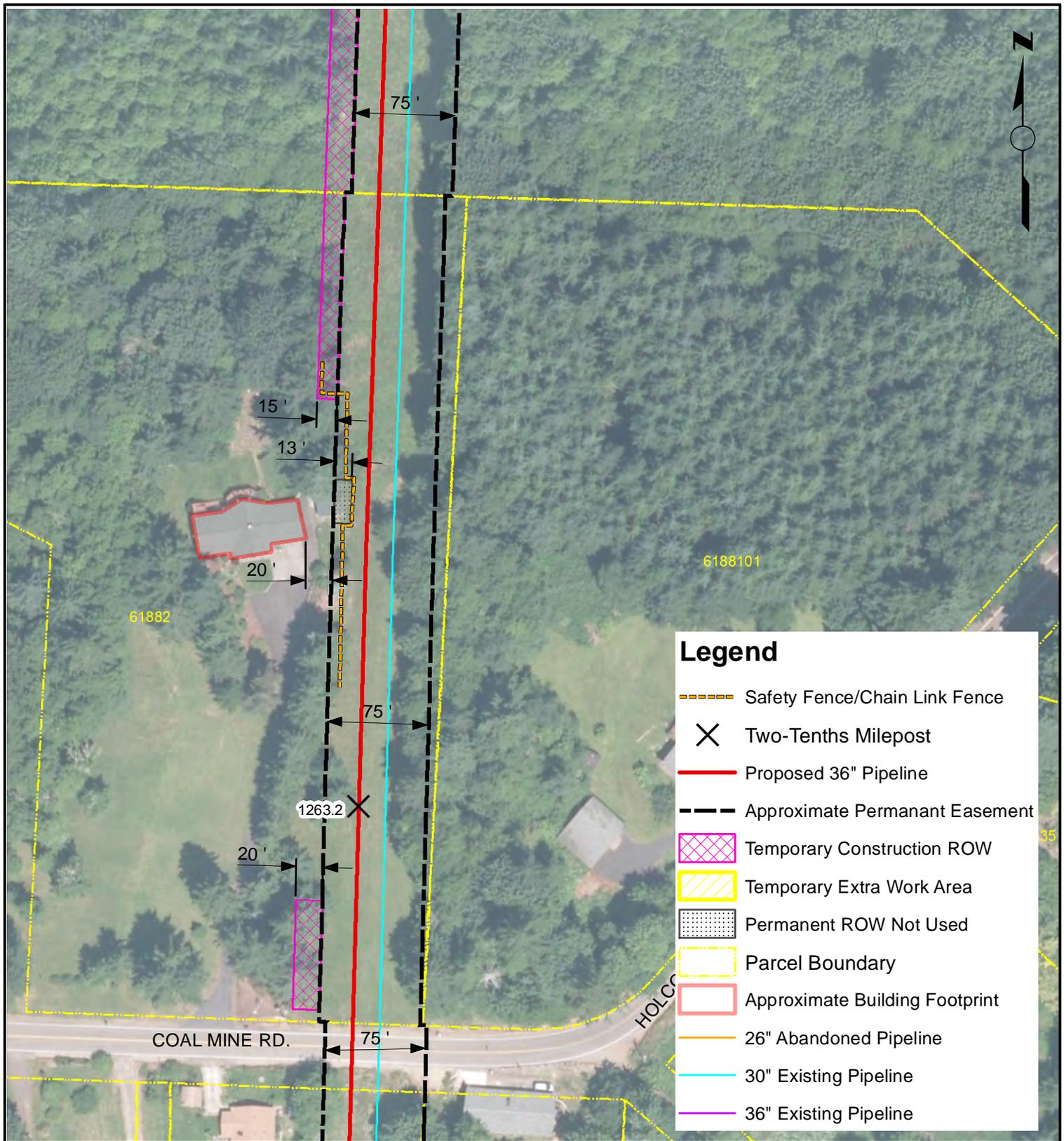
NORTHWEST PIPELINE LLC  
 WASHINGTON EXPANSION PROJECT  
 RESIDENTIAL SITE SPECIFIC MAP  
 MP 1262.59  
 T-8-N, R-2-W, S-24  
 COWLITZ COUNTY, WASHINGTON



**REVISIONS**

| NO. | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK | APP. |
|-----|----------|----|-------------------------------------|----------|-----|------|
| 01  | 6/4/2013 | MC | Review Comments                     |          | KK  | WD   |
| 02  | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD | JGT  |

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|------------------|---------------|---------------------------------|------------------|
| DRAWN BY: MC     | DATE: 5/15/13 | ISSUED FOR BID:                 | SCALE: 1" = 100' |
| CHECKED BY: JWD  | DATE:         | ISSUED FOR CONSTRUCTION:        |                  |
| APPROVED BY: JGT | DATE:         | DRAWING NUMBER: 1262.59 - 10016 | SHEET 16 OF 20   |



### Legend

- Safety Fence/Chain Link Fence
- Two-Tenths Milepost
- Proposed 36" Pipeline
- Approximate Permanant Easement
- Temporary Construction ROW
- Temporary Extra Work Area
- Permanent ROW Not Used
- Parcel Boundary
- Approximate Building Footprint
- 26" Abandoned Pipeline
- 30" Existing Pipeline
- 36" Existing Pipeline

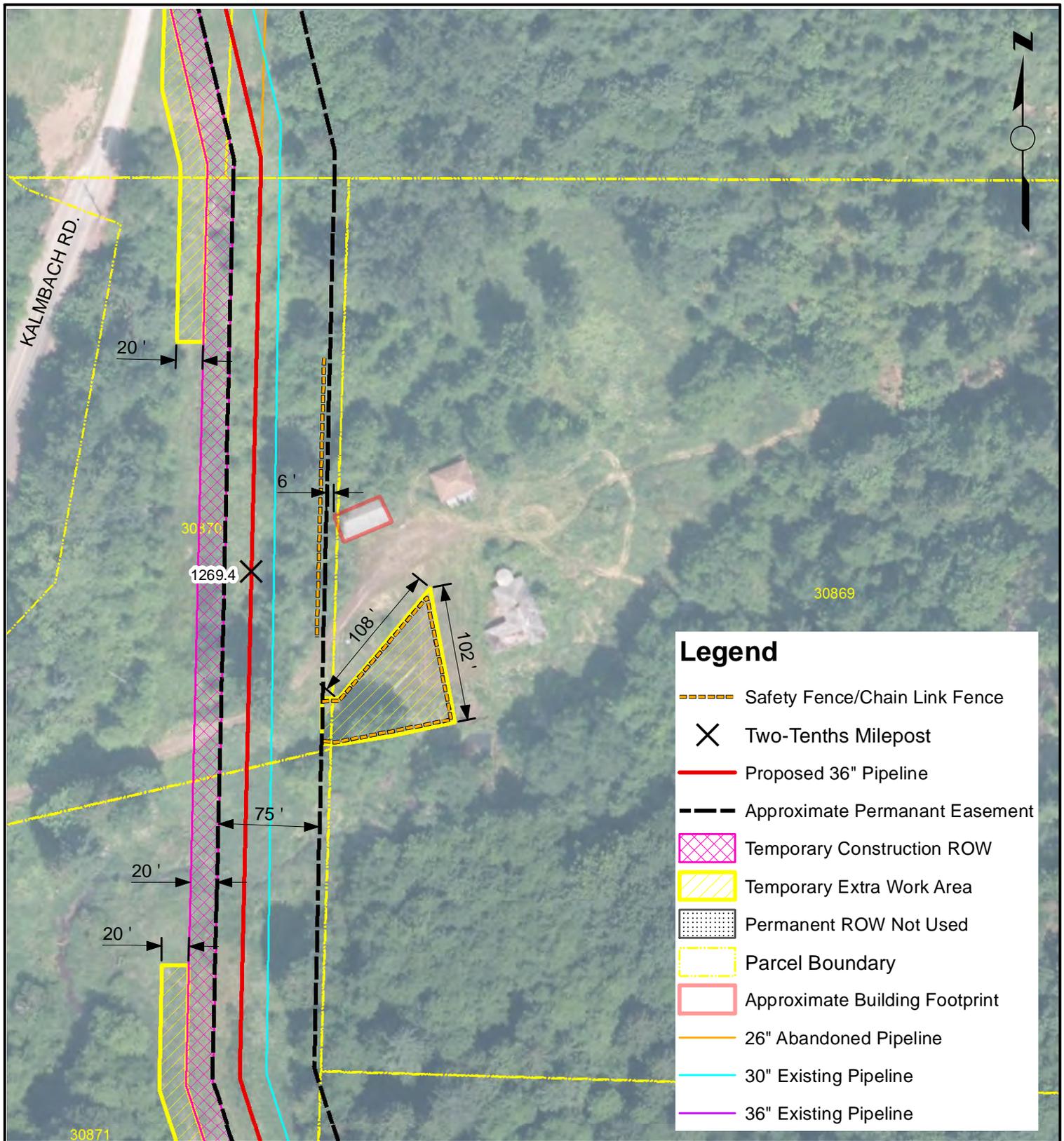
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NORTHWEST PIPELINE LLC  
 WASHINGTON EXPANSION PROJECT  
 RESIDENTIAL SITE SPECIFIC MAP  
 MP 1263.22  
 T-8-N, R-2-W, S-13  
 COWLITZ COUNTY, WASHINGTON

| REVISIONS |          |    |                                     |          |     |      | DRAWN BY: MC     | DATE: 5/15/13 | ISSUED FOR BID:                 | SCALE: 1" = 100' |
|-----------|----------|----|-------------------------------------|----------|-----|------|------------------|---------------|---------------------------------|------------------|
| NO.       | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK | APP. | CHECKED BY: JWD  | DATE:         | ISSUED FOR CONSTRUCTION:        |                  |
| 01        | 6/4/2013 | MC | Review Comments                     |          | KK  | WD   | APPROVED BY: JGT | DATE:         | DRAWING NUMBER: 1263.23 - 10017 | SHEET 17         |
| 02        | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD | JGT  |                  |               | NUMBER: 1263.23 - 10017         | OF 20            |



### Legend

- Safety Fence/Chain Link Fence
- Two-Tenths Milepost
- Proposed 36" Pipeline
- Approximate Permanant Easement
- Temporary Construction ROW
- Temporary Extra Work Area
- Permanent ROW Not Used
- Parcel Boundary
- Approximate Building Footprint
- 26" Abandoned Pipeline
- 30" Existing Pipeline
- 36" Existing Pipeline

**NOTES**

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NORTHWEST PIPELINE LLC  
 WASHINGTON EXPANSION PROJECT  
 RESIDENTIAL SITE SPECIFIC MAP  
 MP 1269.39  
 T-9-N, R-2-W, S-13  
 COWLITZ COUNTY, WASHINGTON



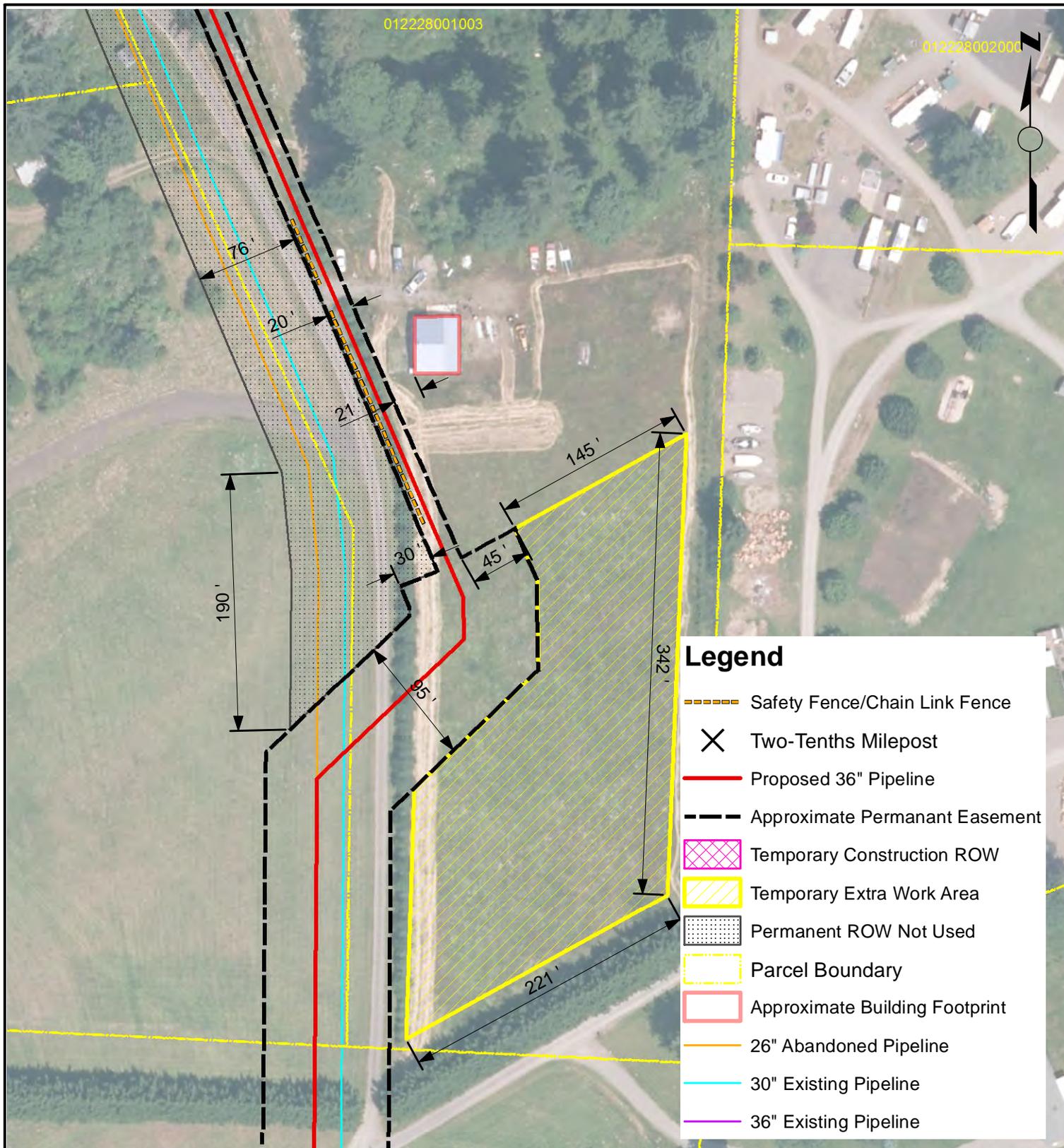
**REVISIONS**

| NO. | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK | APP. |
|-----|----------|----|-------------------------------------|----------|-----|------|
| 01  | 6/4/2013 | MC | Review Comments                     |          | KK  | WD   |
| 02  | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD | JGT  |

|                  |               |                                |                  |
|------------------|---------------|--------------------------------|------------------|
| DRAWN BY: MC     | DATE: 5/15/13 | ISSUED FOR BID:                | SCALE: 1" = 100' |
| CHECKED BY: JWD  | DATE:         | ISSUED FOR CONSTRUCTION:       |                  |
| APPROVED BY: JGT | DATE:         | DRAWING NUMBER: 1269.4 - 10018 | SHEET 18 OF 20   |

012228001003

012228002000



**Legend**

- Safety Fence/Chain Link Fence
- Two-Tenths Milepost
- Proposed 36" Pipeline
- Approximate Permanent Easement
- Temporary Construction ROW
- Temporary Extra Work Area
- Permanent ROW Not Used
- Parcel Boundary
- Approximate Building Footprint
- 26" Abandoned Pipeline
- 30" Existing Pipeline
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**NOTES**

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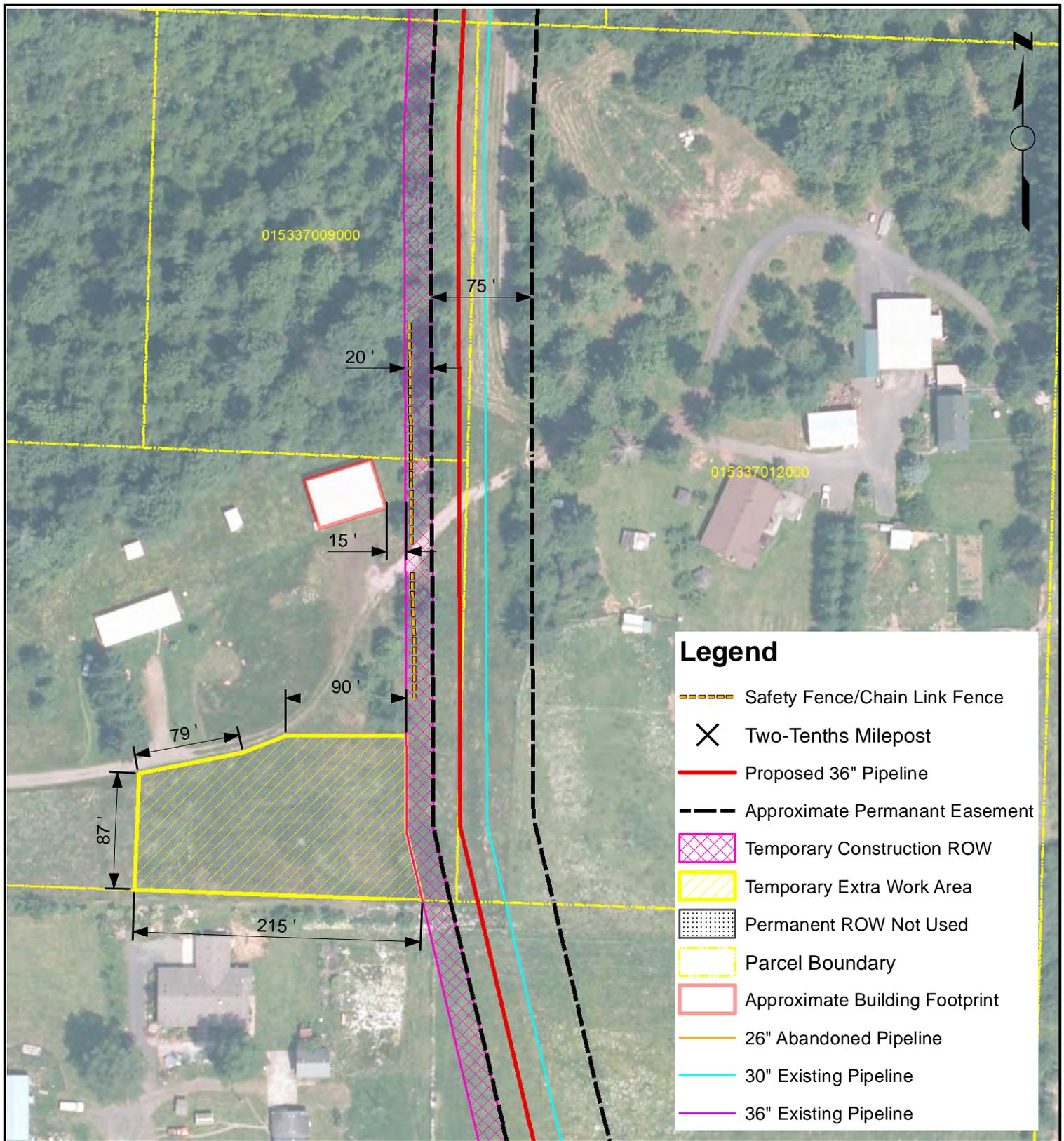
NORTHWEST PIPELINE LLC  
 WASHINGTON EXPANSION PROJECT  
 RESIDENTIAL SITE SPECIFIC MAP  
 MP 1282.3  
 T-12-N, R-2-W, S-25  
 LEWIS COUNTY, WASHINGTON



**REVISIONS**

| NO. | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK | APP. |
|-----|----------|----|-------------------------------------|----------|-----|------|
| 01  | 6/4/2013 | MC | Review Comments                     |          | KK  | WD   |
| 02  | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD | JGT  |

|                  |               |                                |                  |
|------------------|---------------|--------------------------------|------------------|
| DRAWN BY: MC     | DATE: 5/15/13 | ISSUED FOR BID:                | SCALE: 1" = 100' |
| CHECKED BY: JWD  | DATE:         | ISSUED FOR CONSTRUCTION:       |                  |
| APPROVED BY: JGT | DATE:         | DRAWING NUMBER: 1282.3 - 10019 | SHEET 19 OF 20   |



### Legend

- Safety Fence/Chain Link Fence
- X Two-Tenths Milepost
- Proposed 36" Pipeline
- Approximate Permanant Easement
- Temporary Construction ROW
- Temporary Extra Work Area
- Permanent ROW Not Used
- Parcel Boundary
- Approximate Building Footprint
- 26" Abandoned Pipeline
- 30" Existing Pipeline
- 36" Existing Pipeline

**NOTES**

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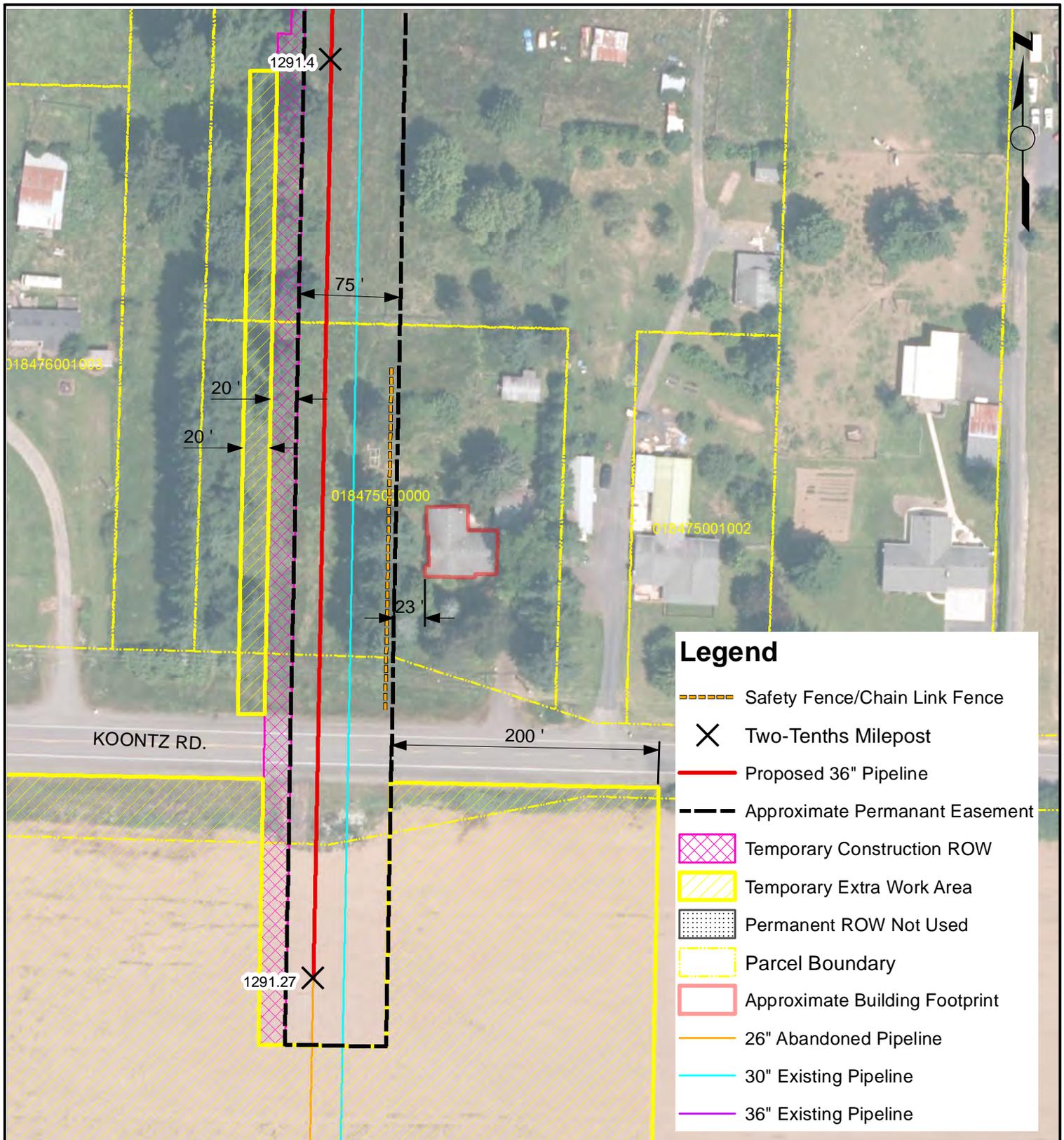
NORTHWEST PIPELINE LLC  
 WASHINGTON EXPANSION PROJECT  
 RESIDENTIAL SITE SPECIFIC MAP  
 MP 1287.1  
 T-12-N, R-2-W, S-25  
 LEWIS COUNTY, WASHINGTON



| REVISIONS |          |    |                                     |          |     |      | DRAWN BY: MC     | DATE: 5/15/13 | ISSUED FOR BID:                | SCALE: 1" = 100' |
|-----------|----------|----|-------------------------------------|----------|-----|------|------------------|---------------|--------------------------------|------------------|
| NO.       | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK | APP. | CHECKED BY: JWD  | DATE:         | ISSUED FOR CONSTRUCTION:       |                  |
| 01        | 6/4/2013 | MC | Review Comments                     |          | KK  | WD   | APPROVED BY: JGT | DATE:         | DRAWING NUMBER: 1287.1 - 10020 | SHEET 20         |
| 02        | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD | JGT  |                  |               |                                | OF 20            |

# Chehalis Loop





**NOTES**

NOTES:  
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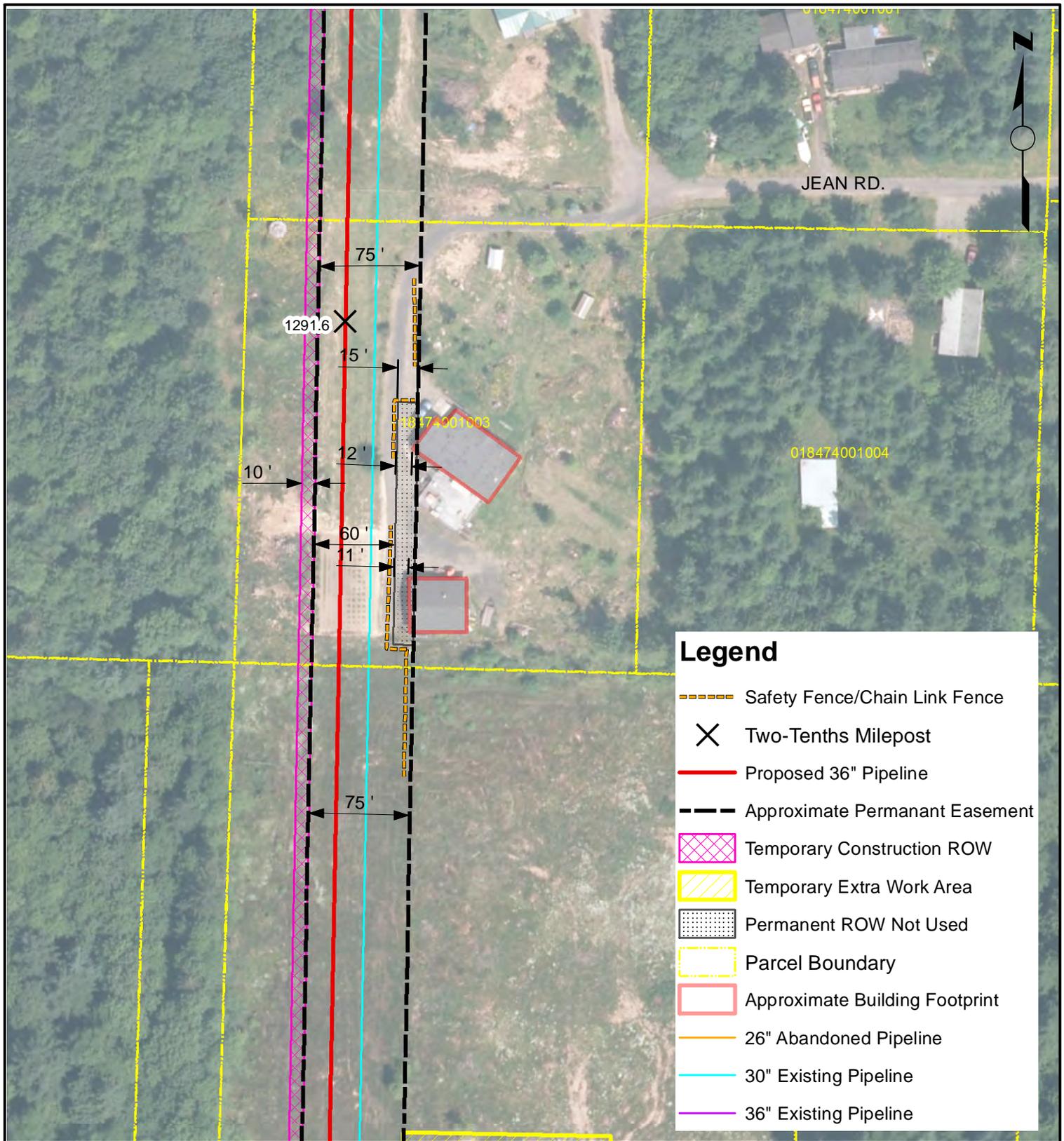
NORTHWEST PIPELINE LLC  
 WASHINGTON EXPANSION PROJECT  
 RESIDENTIAL SITE SPECIFIC MAP  
 MP 1291.32  
 T-13-N, R-2-W, S-36  
 LEWIS COUNTY, WASHINGTON



**REVISIONS**

| NO. | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK | APP. |
|-----|----------|----|-------------------------------------|----------|-----|------|
| 01  | 6/4/2013 | MC | Review Comments                     |          | KK  | WD   |
| 02  | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD | JGT  |

|                  |               |                                |                  |
|------------------|---------------|--------------------------------|------------------|
| DRAWN BY: MC     | DATE: 5/15/13 | ISSUED FOR BID:                | SCALE: 1" = 100' |
| CHECKED BY: JWD  | DATE:         | ISSUED FOR CONSTRUCTION:       |                  |
| APPROVED BY: JGT | DATE:         | DRAWING NUMBER: 1291.33 - 2001 | SHEET 1 OF 4     |



### Legend

- Safety Fence/Chain Link Fence
- Two-Tenths Milepost
- Proposed 36" Pipeline
- Approximate Permanant Easement
- Temporary Construction ROW
- Temporary Extra Work Area
- Permanent ROW Not Used
- Parcel Boundary
- Approximate Building Footprint
- 26" Abandoned Pipeline
- 30" Existing Pipeline
- 36" Existing Pipeline

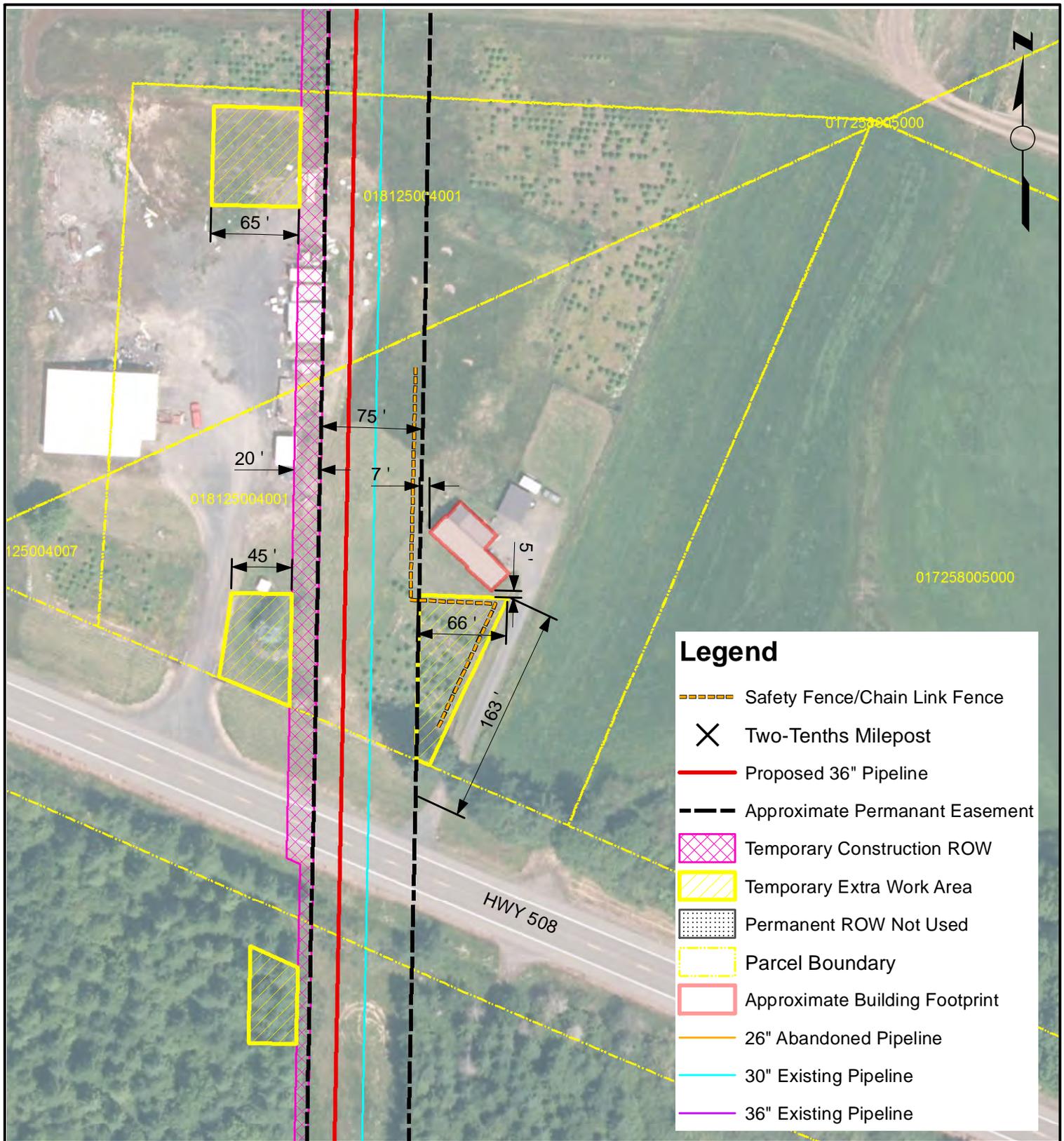
**NOTES**

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**NORTHWEST PIPELINE LLC**  
**WASHINGTON EXPANSION PROJECT**  
**RESIDENTIAL SITE SPECIFIC MAP**  
**MP 1291.56**  
**T-13-N, R-2-W, S-36**  
**LEWIS COUNTY, WASHINGTON**

| REVISIONS |          |    |                                     |          |     |      | DRAWN BY: MC     | DATE: 5/15/13 | ISSUED FOR BID:                | SCALE: 1" = 100' |
|-----------|----------|----|-------------------------------------|----------|-----|------|------------------|---------------|--------------------------------|------------------|
| NO.       | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK | APP. | CHECKED BY: JWD  | DATE:         | ISSUED FOR CONSTRUCTION:       |                  |
| 01        | 6/4/2013 | MC | Review Comments                     |          | KK  | WD   | APPROVED BY: JGT | DATE:         | DRAWING NUMBER: 1291.56 - 2002 |                  |
| 02        | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD | JGT  |                  |               | SHEET                          | 2                |
|           |          |    |                                     |          |     |      |                  |               | OF                             | 4                |



### Legend

- Safety Fence/Chain Link Fence
- X Two-Tenths Milepost
- Proposed 36" Pipeline
- Approximate Permanant Easement
- Temporary Construction ROW
- Temporary Extra Work Area
- Permanent ROW Not Used
- Parcel Boundary
- Approximate Building Footprint
- 26" Abandoned Pipeline
- 30" Existing Pipeline
- 36" Existing Pipeline

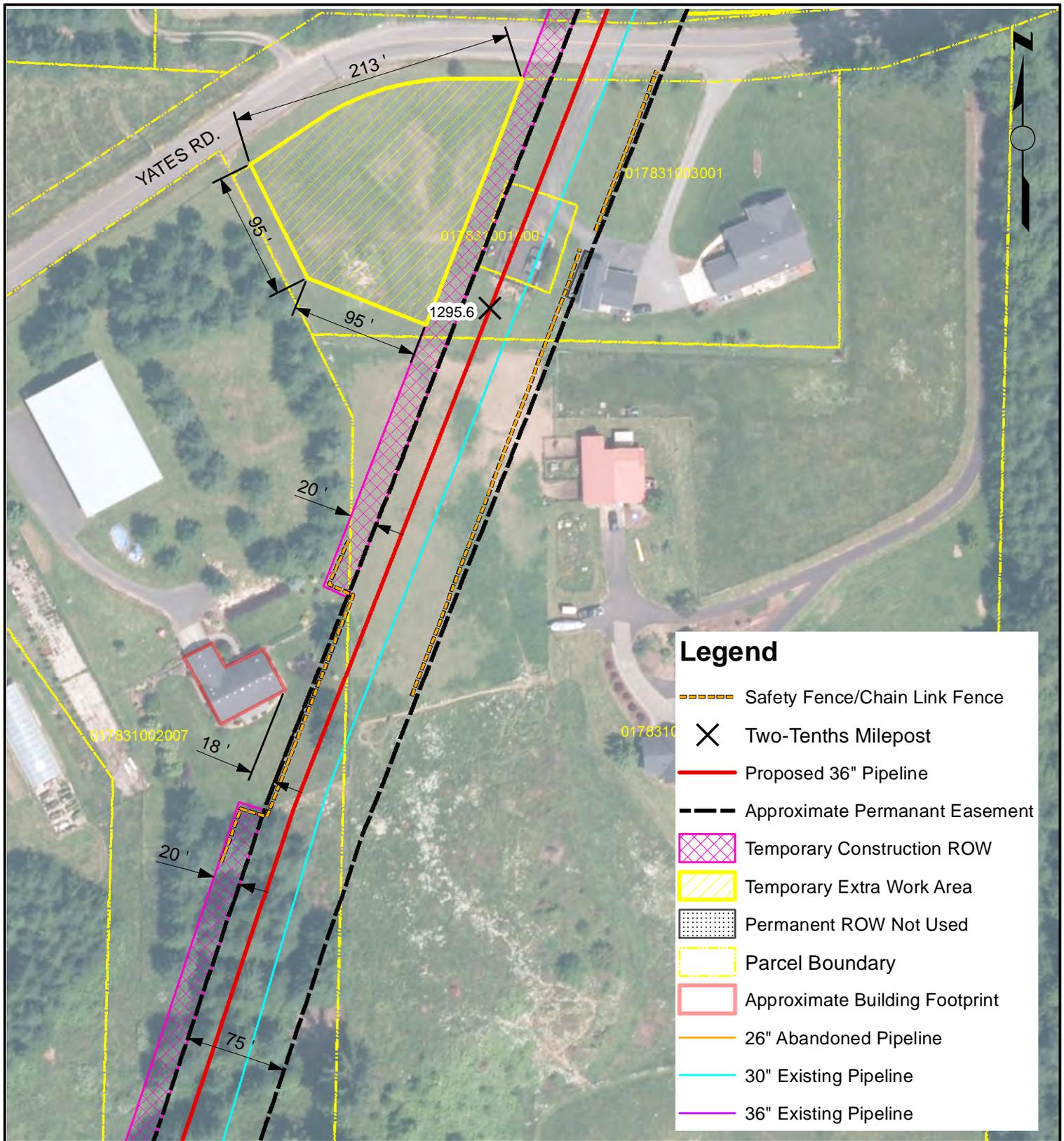
**NOTES**

NOTES:  
 1. Only structures intended for human occupancy are delineated as "residences" on these sheets. Outbuildings, garages, sheds, etc. may be present within 25-ft of the ROW and appropriate safety measures will be developed during the land acquisition and construction planning phase.

2. Non-residential structures within the construction workspace will be removed during construction. Removal details shall be addressed in accordance with current landowner agreements at the time of construction.

**NORTHWEST PIPELINE LLC**  
**WASHINGTON EXPANSION PROJECT**  
**RESIDENTIAL SITE SPECIFIC MAP**  
**MP 1292.7**  
**T-13-N, R-2-W, S-25**  
**LEWIS COUNTY, WASHINGTON**

| REVISIONS |          |    |                                     |          |     |      | DRAWN BY: MC     | DATE: 5/15/13 | ISSUED FOR BID:                | SCALE: 1" = 100' |
|-----------|----------|----|-------------------------------------|----------|-----|------|------------------|---------------|--------------------------------|------------------|
| NO.       | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK | APP. | CHECKED BY: JWD  | DATE:         | ISSUED FOR CONSTRUCTION:       |                  |
| 01        | 6/4/2013 | MC | Review Comments                     |          | KK  | WD   | APPROVED BY: JGT | DATE:         | DRAWING NUMBER: 1292.71 - 2003 | SHEET 3          |
| 02        | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD | JGT  |                  |               |                                | OF 4             |



### Legend

- Safety Fence/Chain Link Fence
- × Two-Tenths Milepost
- Proposed 36" Pipeline
- Approximate Permanant Easement
- Temporary Construction ROW
- Temporary Extra Work Area
- Permanent ROW Not Used
- Parcel Boundary
- Approximate Building Footprint
- 26" Abandoned Pipeline
- 30" Existing Pipeline
- 36" Existing Pipeline

**NOTES**

NOTES:  
 1. Only structures intended for human occupancy are delineated as "residences" on these sheets. Outbuildings, garages, sheds, etc. may be present within 25-ft of the ROW and appropriate safety measures will be developed during the land acquisition and construction planning phase.  
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**NORTHWEST PIPELINE LLC**  
**WASHINGTON EXPANSION PROJECT**  
**RESIDENTIAL SITE SPECIFIC MAP**  
**MP 1295.53**  
**T-13-N, R-2-W, S-12**  
**LEWIS COUNTY, WASHINGTON**



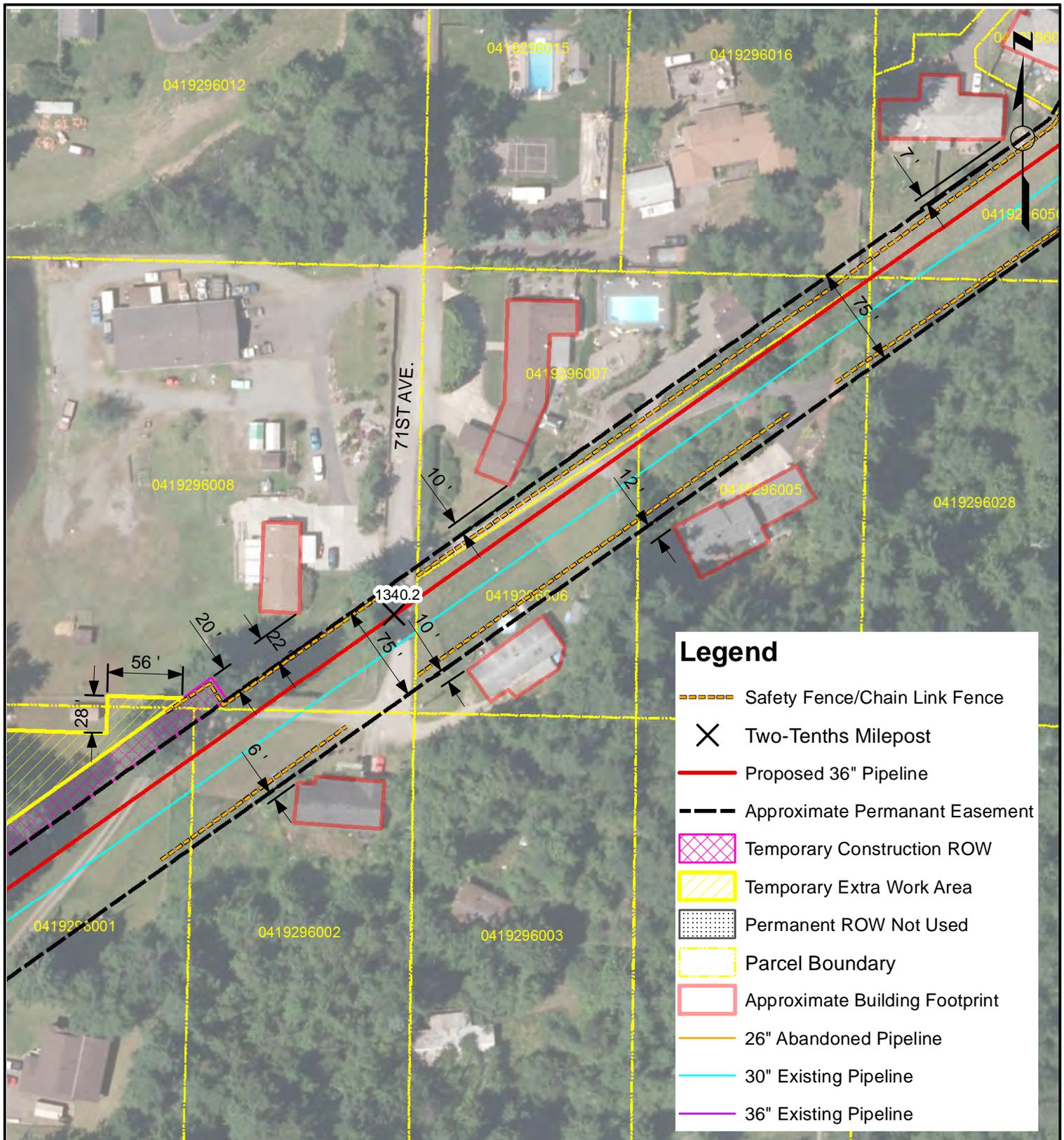
**REVISIONS**

| NO. | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK | APP. |
|-----|----------|----|-------------------------------------|----------|-----|------|
| 01  | 6/4/2013 | MC | Review Comments                     |          | KK  | WD   |
| 02  | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD | JGT  |

|                  |               |                                |                  |
|------------------|---------------|--------------------------------|------------------|
| DRAWN BY: MC     | DATE: 5/15/13 | ISSUED FOR BID:                | SCALE: 1" = 100' |
| CHECKED BY: JWD  | DATE:         | ISSUED FOR CONSTRUCTION:       |                  |
| APPROVED BY: JGT | DATE:         | DRAWING NUMBER: 1295.54 - 2004 | SHEET 4 OF 4     |

Sumner South Loop





**NOTES**

NOTES:  
 1. Only structures intended for human occupancy are delineated as "residences" on these sheets. Outbuildings, garages, sheds, etc. may be present within 25-ft of the ROW and appropriate safety measures will be developed during the land acquisition and construction planning phase.  
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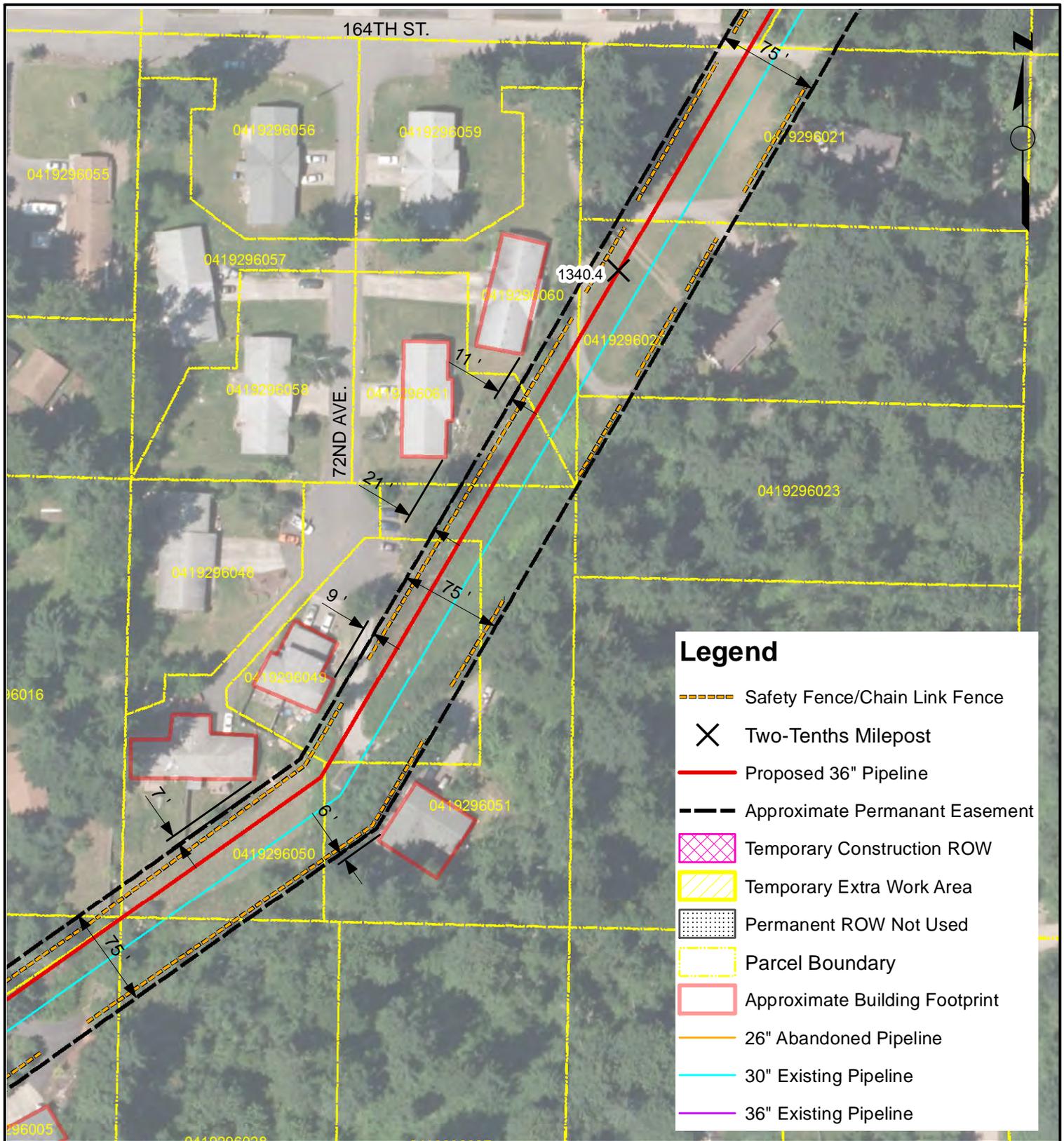
NORTHWEST PIPELINE LLC  
 WASHINGTON EXPANSION PROJECT  
 RESIDENTIAL SITE SPECIFIC MAP  
 MP 1340.21  
 T-19-N, R-4-E, S-29  
 PIERCE COUNTY, WASHINGTON



**REVISIONS**

| NO. | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK | APP. |
|-----|----------|----|-------------------------------------|----------|-----|------|
| 01  | 6/4/2013 | MC | Review Comments                     |          | KK  | WD   |
| 02  | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD | JGT  |

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|------------------|---------------|--------------------------------|------------------|
| DRAWN BY: MC     | DATE: 5/15/13 | ISSUED FOR BID:                | SCALE: 1" = 100' |
| CHECKED BY: JWD  | DATE:         | ISSUED FOR CONSTRUCTION:       |                  |
| APPROVED BY: JGT | DATE:         | DRAWING NUMBER: 1340.22 - 3001 | SHEET 1 OF 39    |



### Legend

- Safety Fence/Chain Link Fence
- Two-Tenths Milepost
- Proposed 36" Pipeline
- Approximate Permanent Easement
- Temporary Construction ROW
- Temporary Extra Work Area
- Permanent ROW Not Used
- Parcel Boundary
- Approximate Building Footprint
- 26" Abandoned Pipeline
- 30" Existing Pipeline
- 36" Existing Pipeline

**NOTES**

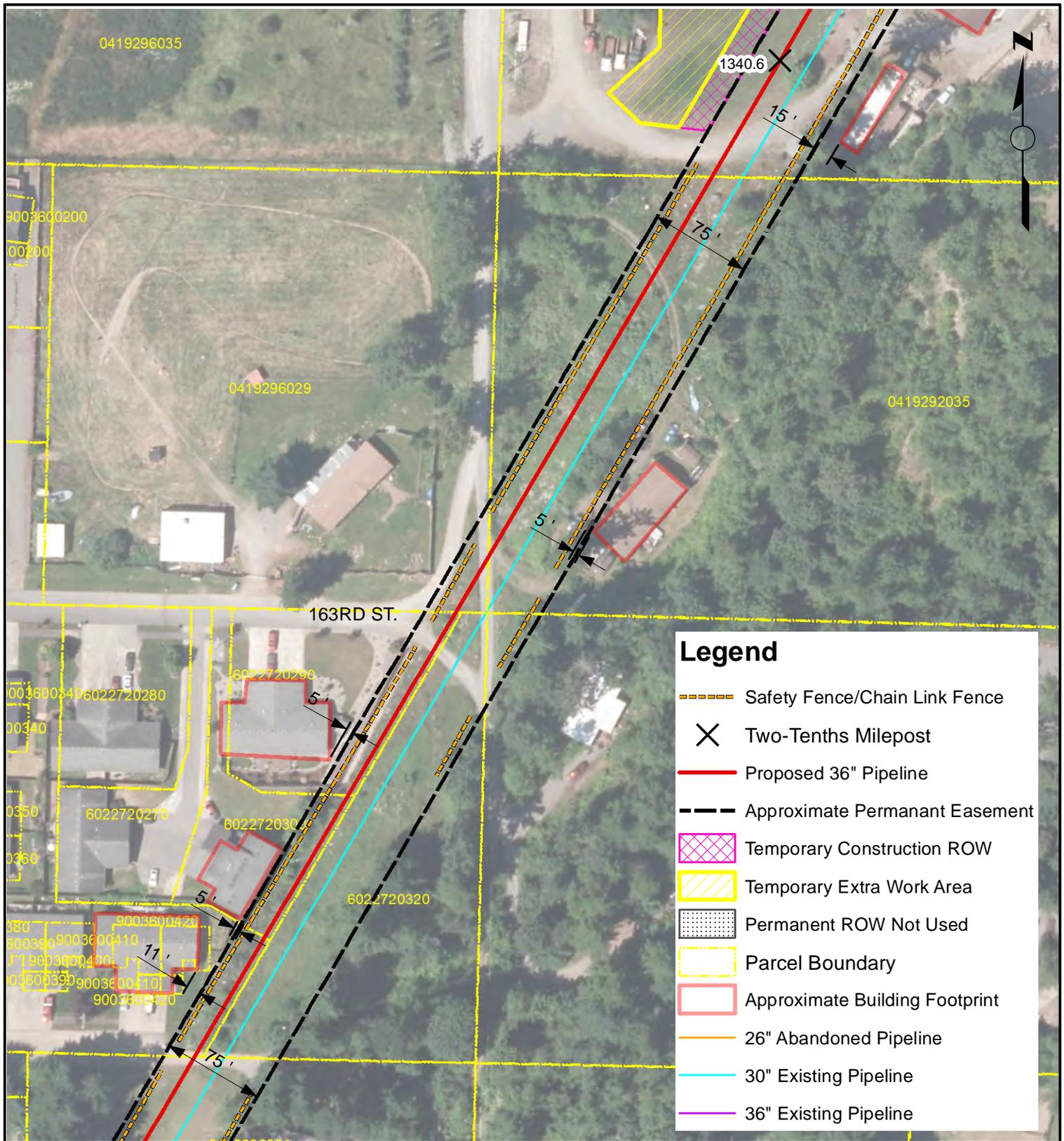
NOTES:  
 1. Only structures intended for human occupancy are delineated as "residences" on these sheets. Outbuildings, garages, sheds, etc. may be present within 25-ft of the ROW and appropriate safety measures will be developed during the land acquisition and construction planning phase.

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**NORTHWEST PIPELINE LLC**  
**WASHINGTON EXPANSION PROJECT**  
**RESIDENTIAL SITE SPECIFIC MAP**  
**MP 1340.34**  
**T-19-N, R-4-E, S-29**  
**PIERCE COUNTY, WASHINGTON**

| REVISIONS |          |    |                                     |          |     |      |
|-----------|----------|----|-------------------------------------|----------|-----|------|
| NO.       | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK | APP. |
| 01        | 6/4/2013 | MC | Review Comments                     |          | KK  | WD   |
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|                  |               |                                |                  |
|------------------|---------------|--------------------------------|------------------|
| DRAWN BY: MC     | DATE: 5/15/13 | ISSUED FOR BID:                | SCALE: 1" = 100' |
| CHECKED BY: JWD  | DATE:         | ISSUED FOR CONSTRUCTION:       |                  |
| APPROVED BY: JGT | DATE:         | DRAWING NUMBER: 1340.35 - 3002 | SHEET 2 OF 39    |



**NOTES**

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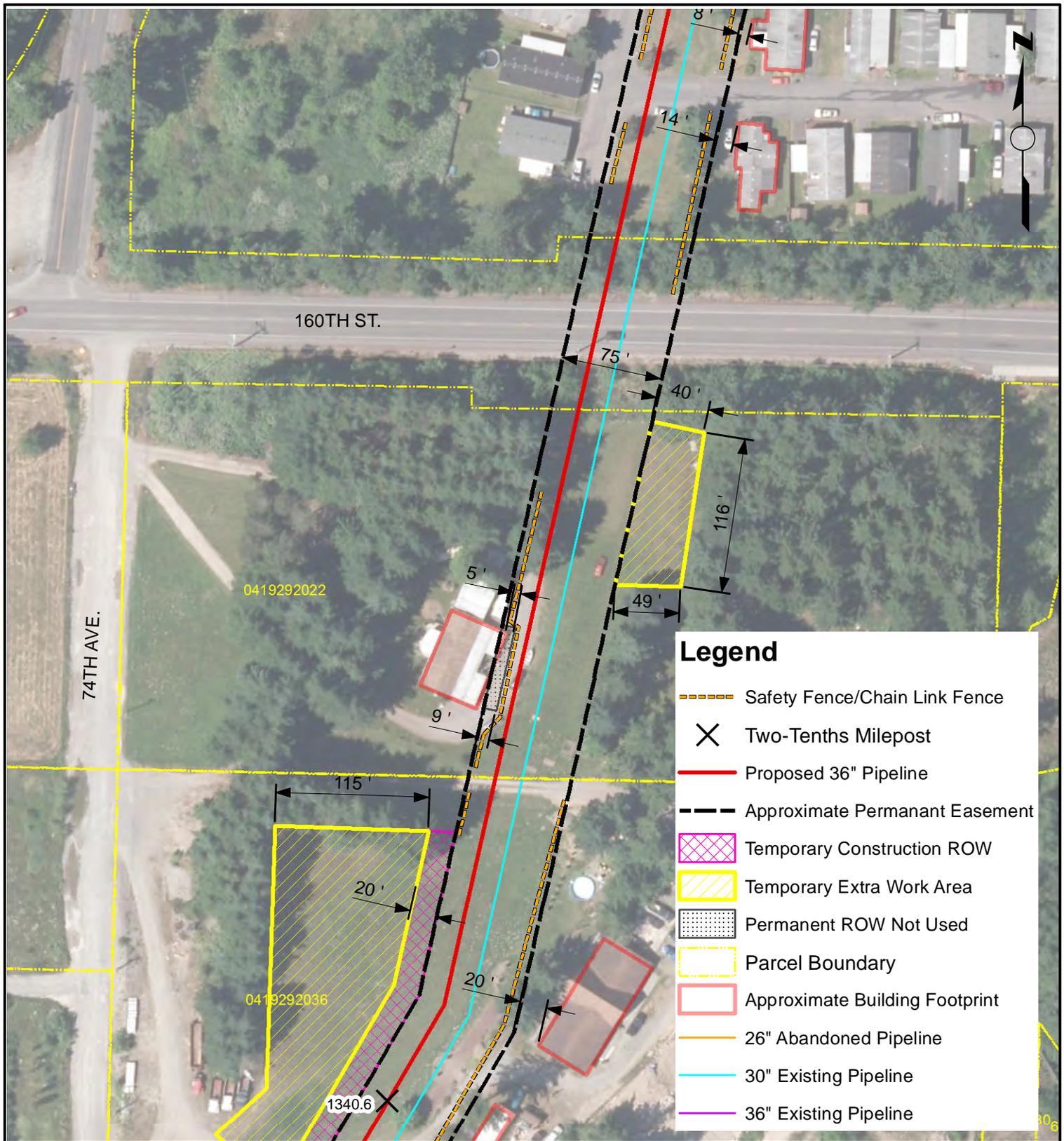
NORTHWEST PIPELINE LLC  
 WASHINGTON EXPANSION PROJECT  
 RESIDENTIAL SITE SPECIFIC MAP  
 MP 1340.51  
 T-19-N, R-4-E, S-29  
 PIERCE COUNTY, WASHINGTON



**REVISIONS**

| NO. | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK | APP. |
|-----|----------|----|-------------------------------------|----------|-----|------|
| 01  | 6/4/2013 | MC | Review Comments                     |          | KK  | WD   |
| 02  | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD | JGT  |

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| DRAWN BY: MC     | DATE: 5/15/13 | ISSUED FOR BID:                | SCALE: 1" = 100' |
| CHECKED BY: JWD  | DATE:         | ISSUED FOR CONSTRUCTION:       |                  |
| APPROVED BY: JGT | DATE:         | DRAWING NUMBER: 1340.52 - 3003 | SHEET 3 OF 39    |



**NOTES**

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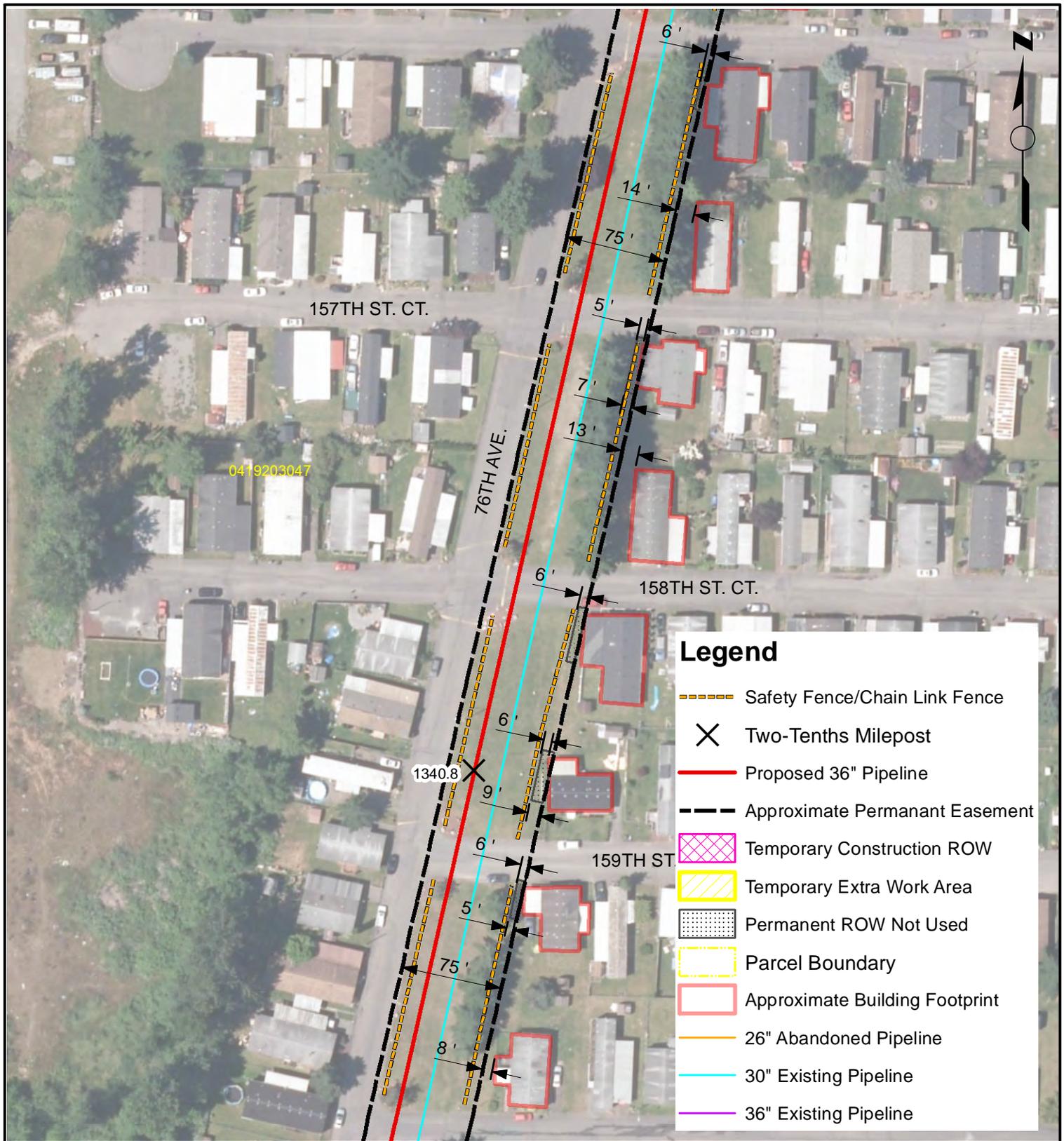
NORTHWEST PIPELINE LLC  
 WASHINGTON EXPANSION PROJECT  
 RESIDENTIAL SITE SPECIFIC MAP  
 MP 1340.67  
 T-19-N, R-4-E, S-29  
 PIERCE COUNTY, WASHINGTON



**REVISIONS**

| NO. | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK | APP. |
|-----|----------|----|-------------------------------------|----------|-----|------|
| 01  | 6/4/2013 | MC | Review Comments                     |          | KK  | WD   |
| 02  | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD | JGT  |

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|------------------|---------------|--------------------------------|------------------|
| DRAWN BY: MC     | DATE: 5/15/13 | ISSUED FOR BID:                | SCALE: 1" = 100' |
| CHECKED BY: JWD  | DATE:         | ISSUED FOR CONSTRUCTION:       |                  |
| APPROVED BY: JGT | DATE:         | DRAWING NUMBER: 1340.68 - 3004 | SHEET 4 OF 39    |



**Legend**

- Safety Fence/Chain Link Fence
- Two-Tenths Milepost
- Proposed 36" Pipeline
- Approximate Permanent Easement
- Temporary Construction ROW
- Temporary Extra Work Area
- Permanent ROW Not Used
- Parcel Boundary
- Approximate Building Footprint
- 26" Abandoned Pipeline
- 30" Existing Pipeline
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**NOTES**

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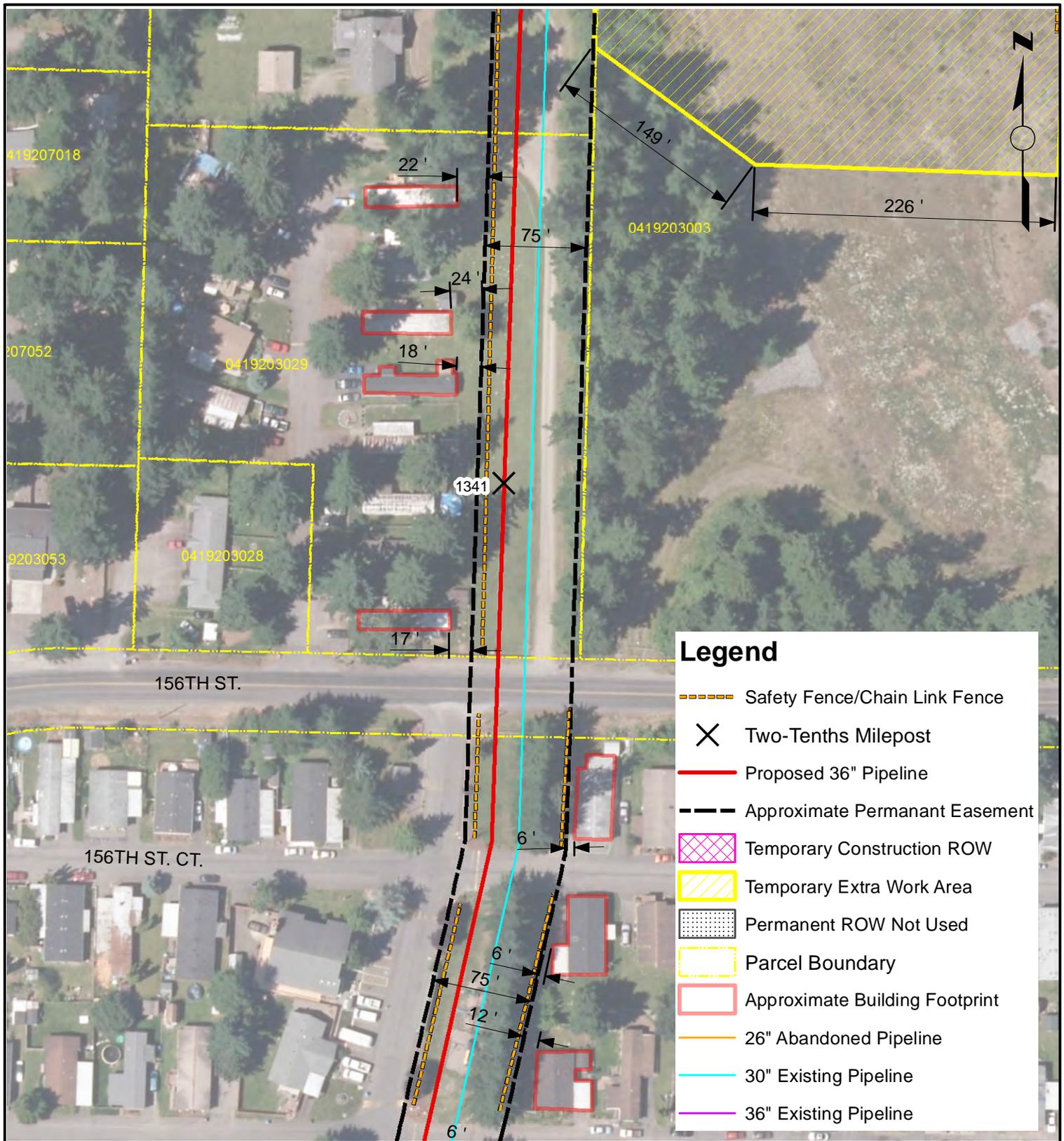
NORTHWEST PIPELINE LLC  
 WASHINGTON EXPANSION PROJECT  
 RESIDENTIAL SITE SPECIFIC MAP  
 MP 1340.82  
 T-19-N, R-4-E, S-20  
 PIERCE COUNTY, WASHINGTON



**REVISIONS**

| NO. | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK | APP. |
|-----|----------|----|-------------------------------------|----------|-----|------|
| 01  | 6/4/2013 | MC | Review Comments                     |          | KK  | WD   |
| 02  | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD | JGT  |

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|------------------|---------------|--------------------------------|------------------|
| DRAWN BY: MC     | DATE: 5/15/13 | ISSUED FOR BID:                | SCALE: 1" = 100' |
| CHECKED BY: JWD  | DATE:         | ISSUED FOR CONSTRUCTION:       |                  |
| APPROVED BY: JGT | DATE:         | DRAWING NUMBER: 1340.83 - 3005 | SHEET 5 OF 39    |



### Legend

- Safety Fence/Chain Link Fence
- × Two-Tenths Milepost
- Proposed 36" Pipeline
- Approximate Permanent Easement
- Temporary Construction ROW
- Temporary Extra Work Area
- Permanent ROW Not Used
- Parcel Boundary
- Approximate Building Footprint
- 26" Abandoned Pipeline
- 30" Existing Pipeline
- 36" Existing Pipeline

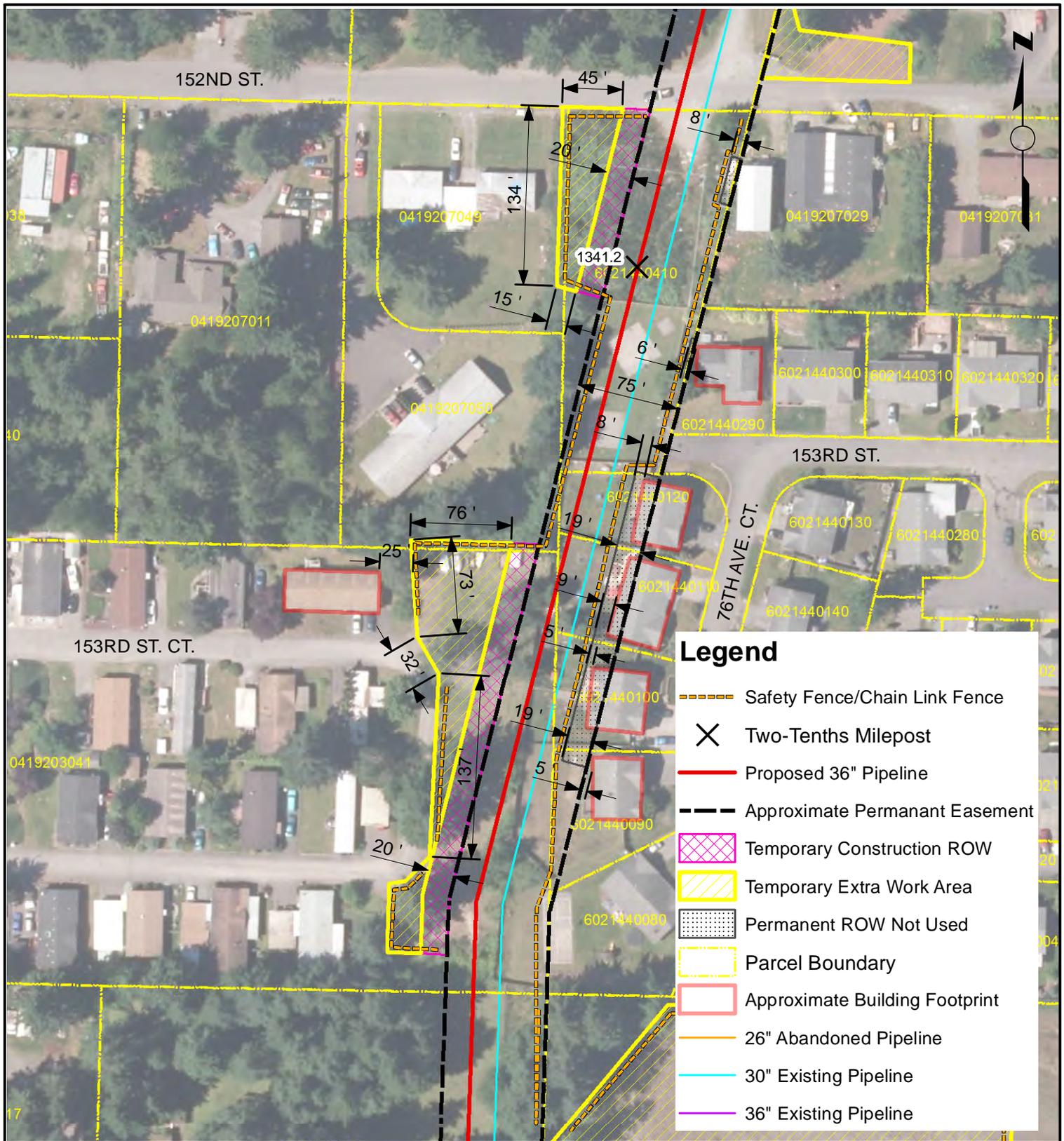
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**NORTHWEST PIPELINE LLC**  
**WASHINGTON EXPANSION PROJECT**  
**RESIDENTIAL SITE SPECIFIC MAP**  
**MP 1340.98**  
**T-19-N, R-4-E, S-20**  
**PIERCE COUNTY, WASHINGTON**

| REVISIONS |          |    |                                     |          |     |      |
|-----------|----------|----|-------------------------------------|----------|-----|------|
| NO.       | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK | APP. |
| 01        | 6/4/2013 | MC | Review Comments                     |          | KK  | WD   |
| 02        | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD | JGT  |

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|------------------|---------------|--------------------------------|--------------------------------|
| DRAWN BY: MC     | DATE: 5/15/13 | ISSUED FOR BID:                | SCALE: 1" = 100'               |
| CHECKED BY: JWD  | DATE:         | ISSUED FOR CONSTRUCTION:       |                                |
| APPROVED BY: JGT | DATE:         | DRAWING NUMBER: 1340.99 - 3006 | SHEET <b>6</b><br>OF <b>39</b> |



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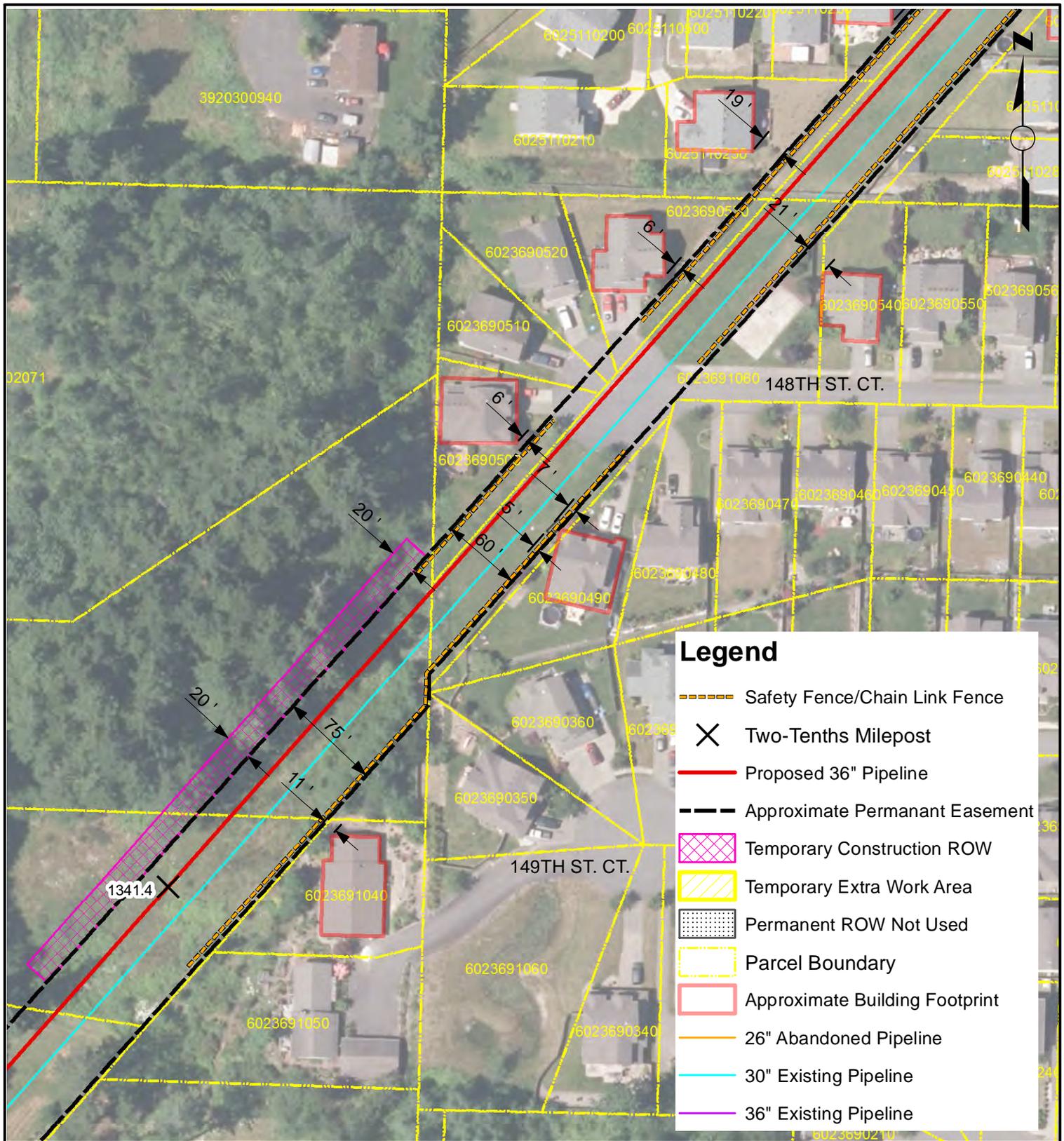
NORTHWEST PIPELINE LLC  
 WASHINGTON EXPANSION PROJECT  
 RESIDENTIAL SITE SPECIFIC MAP  
 MP 1341.15  
 T-19-N, R-4-E, S-20  
 PIERCE COUNTY, WASHINGTON



**REVISIONS**

| NO. | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK | APP. |
|-----|----------|----|-------------------------------------|----------|-----|------|
| 01  | 6/4/2013 | MC | Review Comments                     |          | KK  | WD   |
| 02  | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD | JGT  |

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|------------------|---------------|--------------------------------|------------------|
| DRAWN BY: MC     | DATE: 5/15/13 | ISSUED FOR BID:                | SCALE: 1" = 100' |
| CHECKED BY: JWD  | DATE:         | ISSUED FOR CONSTRUCTION:       |                  |
| APPROVED BY: JGT | DATE:         | DRAWING NUMBER: 1341.15 - 3007 | SHEET 7 OF 39    |



**NOTES**

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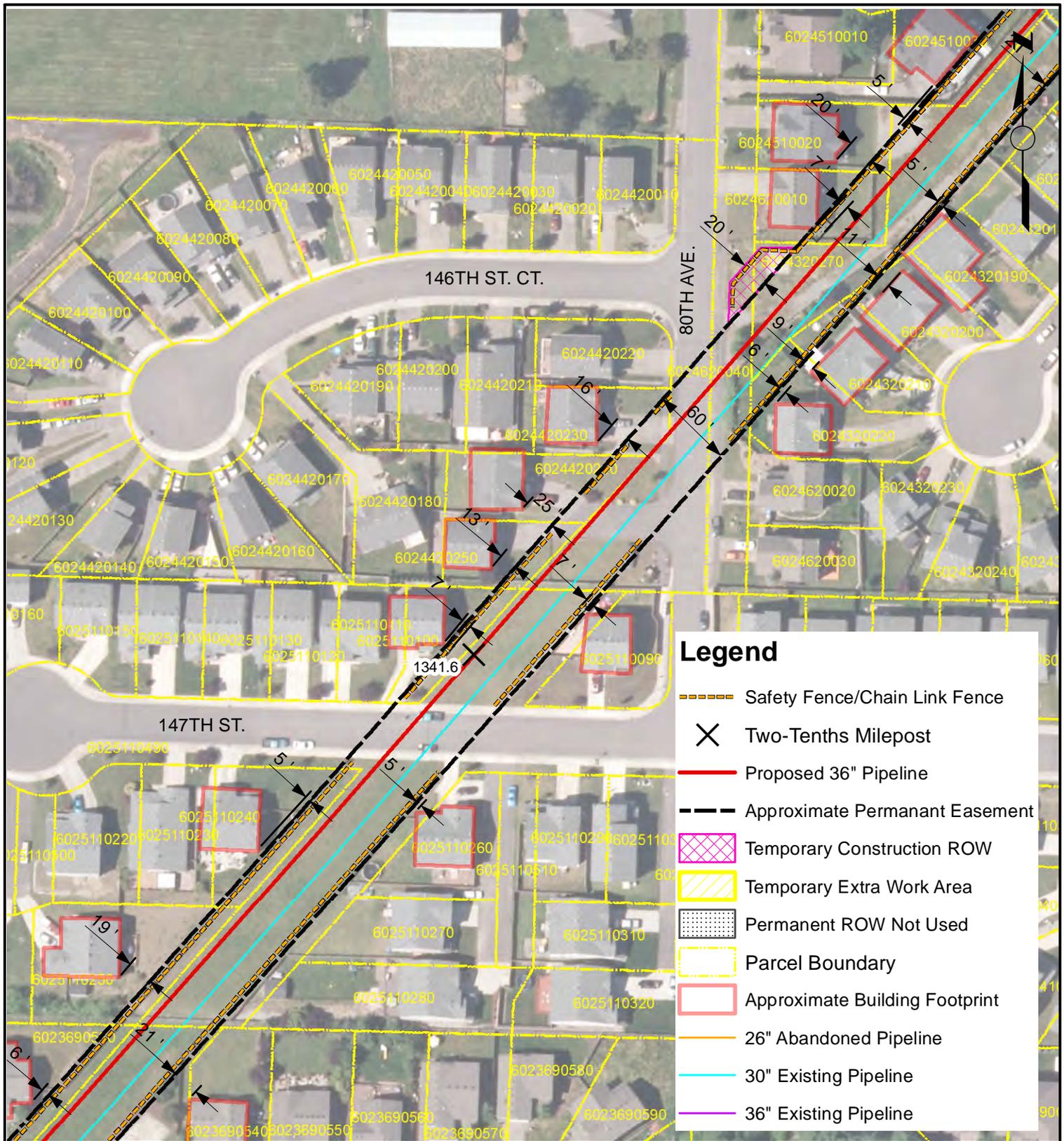
NORTHWEST PIPELINE LLC  
 WASHINGTON EXPANSION PROJECT  
 RESIDENTIAL SITE SPECIFIC MAP  
 MP 1341.46  
 T-19-N, R-4-E, S-20  
 PIERCE COUNTY, WASHINGTON



**REVISIONS**

| NO. | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK | APP. |
|-----|----------|----|-------------------------------------|----------|-----|------|
| 01  | 6/4/2013 | MC | Review Comments                     |          | KK  | WD   |
| 02  | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD | JGT  |

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|------------------|---------------|--------------------------------|------------------|
| DRAWN BY: MC     | DATE: 5/15/13 | ISSUED FOR BID:                | SCALE: 1" = 100' |
| CHECKED BY: JWD  | DATE:         | ISSUED FOR CONSTRUCTION:       |                  |
| APPROVED BY: JGT | DATE:         | DRAWING NUMBER: 1341.47 - 3008 | SHEET 8 OF 39    |



### Legend

- Safety Fence/Chain Link Fence
- X Two-Tenths Milepost
- Proposed 36" Pipeline
- Approximate Permanent Easement
- Temporary Construction ROW
- Temporary Extra Work Area
- Permanent ROW Not Used
- Parcel Boundary
- Approximate Building Footprint
- 26" Abandoned Pipeline
- 30" Existing Pipeline
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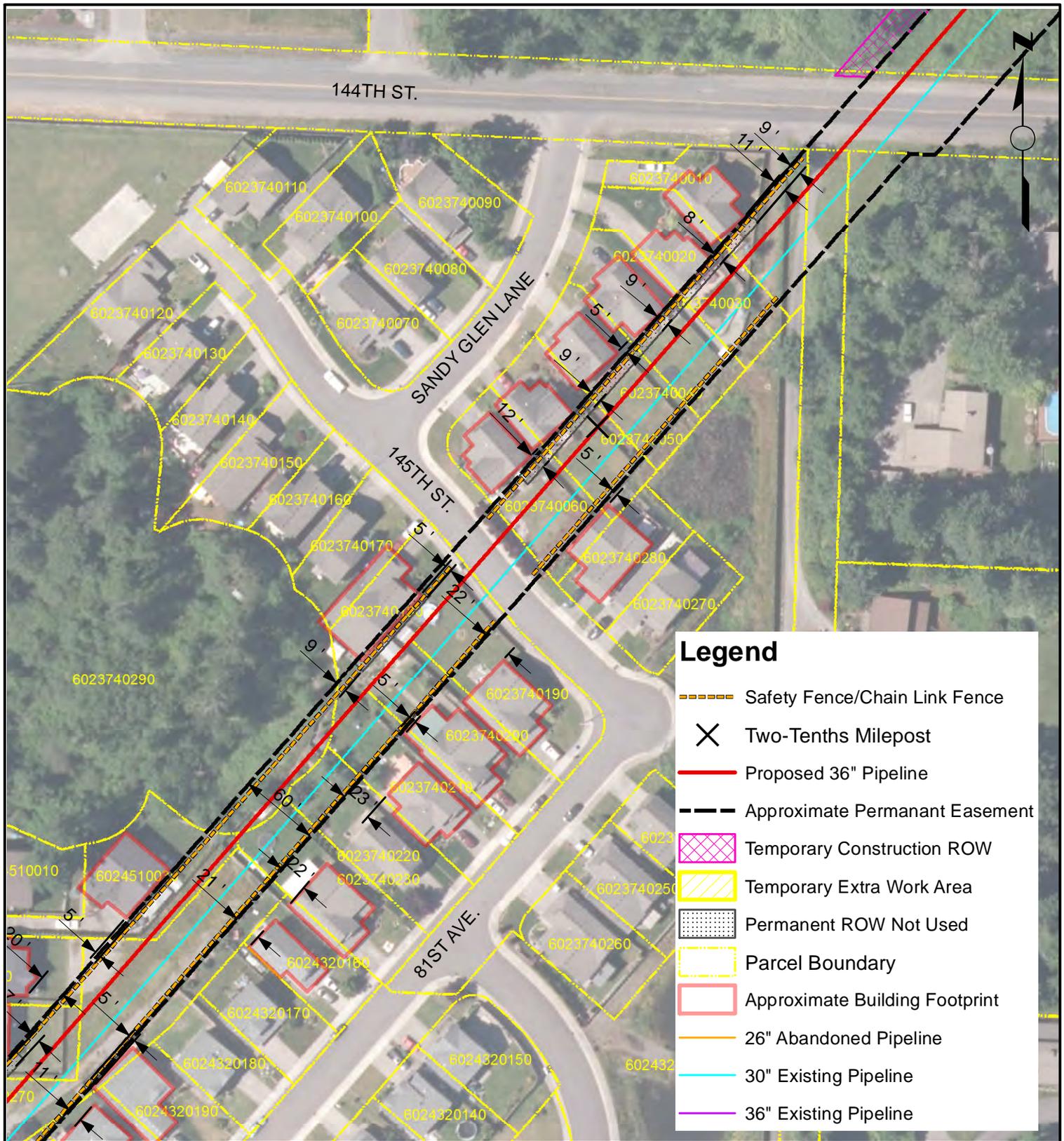
**NORTHWEST PIPELINE LLC**  
**WASHINGTON EXPANSION PROJECT**  
**RESIDENTIAL SITE SPECIFIC MAP**  
**MP 1341.61**  
**T-19-N, R-4-E, S-20**  
**PIERCE COUNTY, WASHINGTON**



**REVISIONS**

| NO. | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK | APP. |
|-----|----------|----|-------------------------------------|----------|-----|------|
| 01  | 6/4/2013 | MC | Review Comments                     |          | KK  | WD   |
| 02  | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD | JGT  |

|                  |               |                                |                  |
|------------------|---------------|--------------------------------|------------------|
| DRAWN BY: MC     | DATE: 5/15/13 | ISSUED FOR BID:                | SCALE: 1" = 100' |
| CHECKED BY: JWD  | DATE:         | ISSUED FOR CONSTRUCTION:       |                  |
| APPROVED BY: JGT | DATE:         | DRAWING NUMBER: 1341.61 - 3009 | SHEET 9 OF 39    |



**NOTES**

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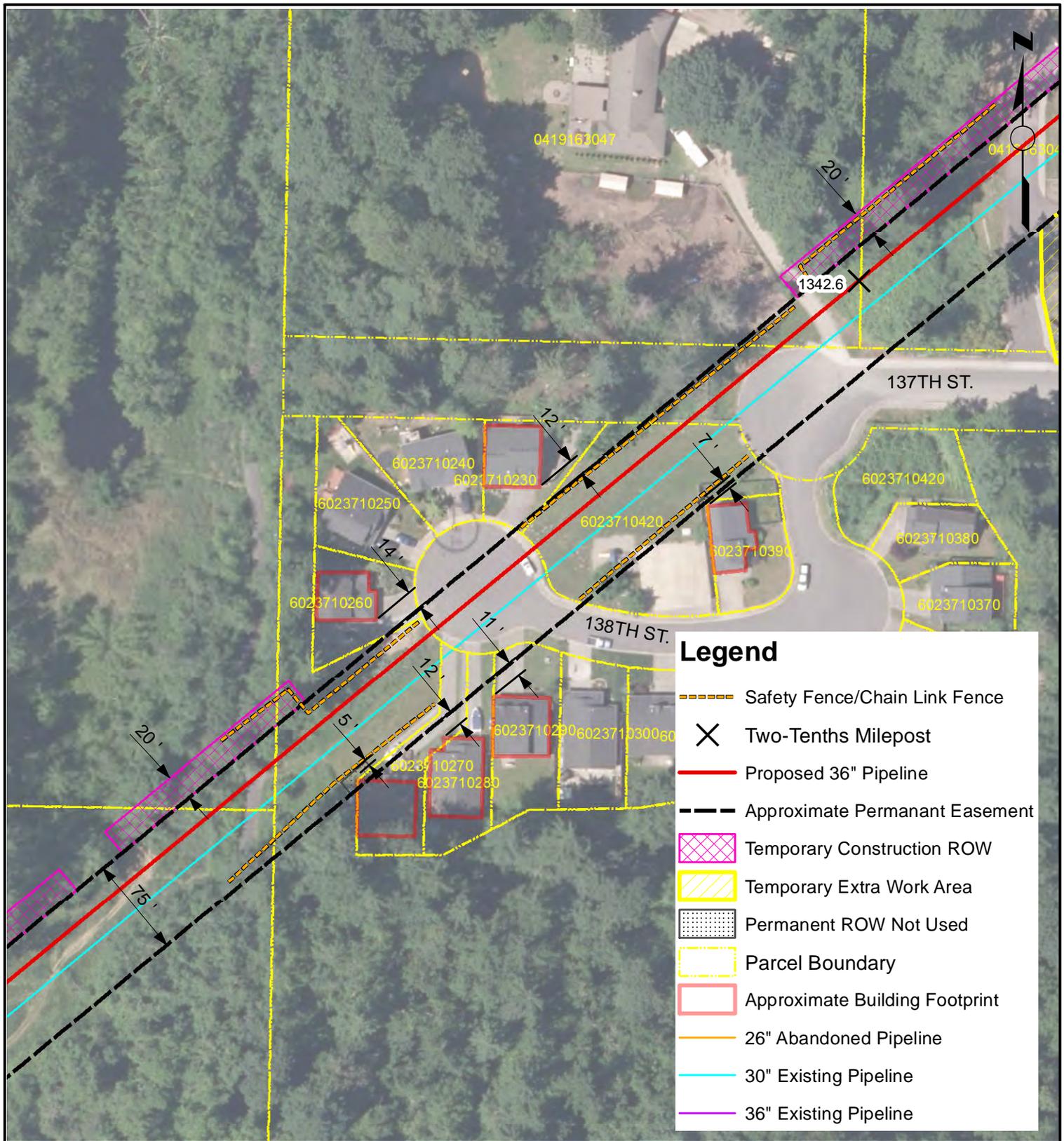
NORTHWEST PIPELINE LLC  
 WASHINGTON EXPANSION PROJECT  
 RESIDENTIAL SITE SPECIFIC MAP  
 MP 1341.77  
 T-19-N, R-4-E, S-20  
 PIERCE COUNTY, WASHINGTON



**REVISIONS**

| NO. | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK | APP. |
|-----|----------|----|-------------------------------------|----------|-----|------|
| 01  | 6/4/2013 | MC | Review Comments                     |          | KK  | WD   |
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| DRAWN BY: MC     | DATE: 5/15/13 | ISSUED FOR BID:                 | SCALE: 1" = 100' |
| CHECKED BY: JWD  | DATE:         | ISSUED FOR CONSTRUCTION:        |                  |
| APPROVED BY: JGT | DATE:         | DRAWING NUMBER: 1341.78 - 30010 | SHEET 10 OF 39   |



**NOTES**

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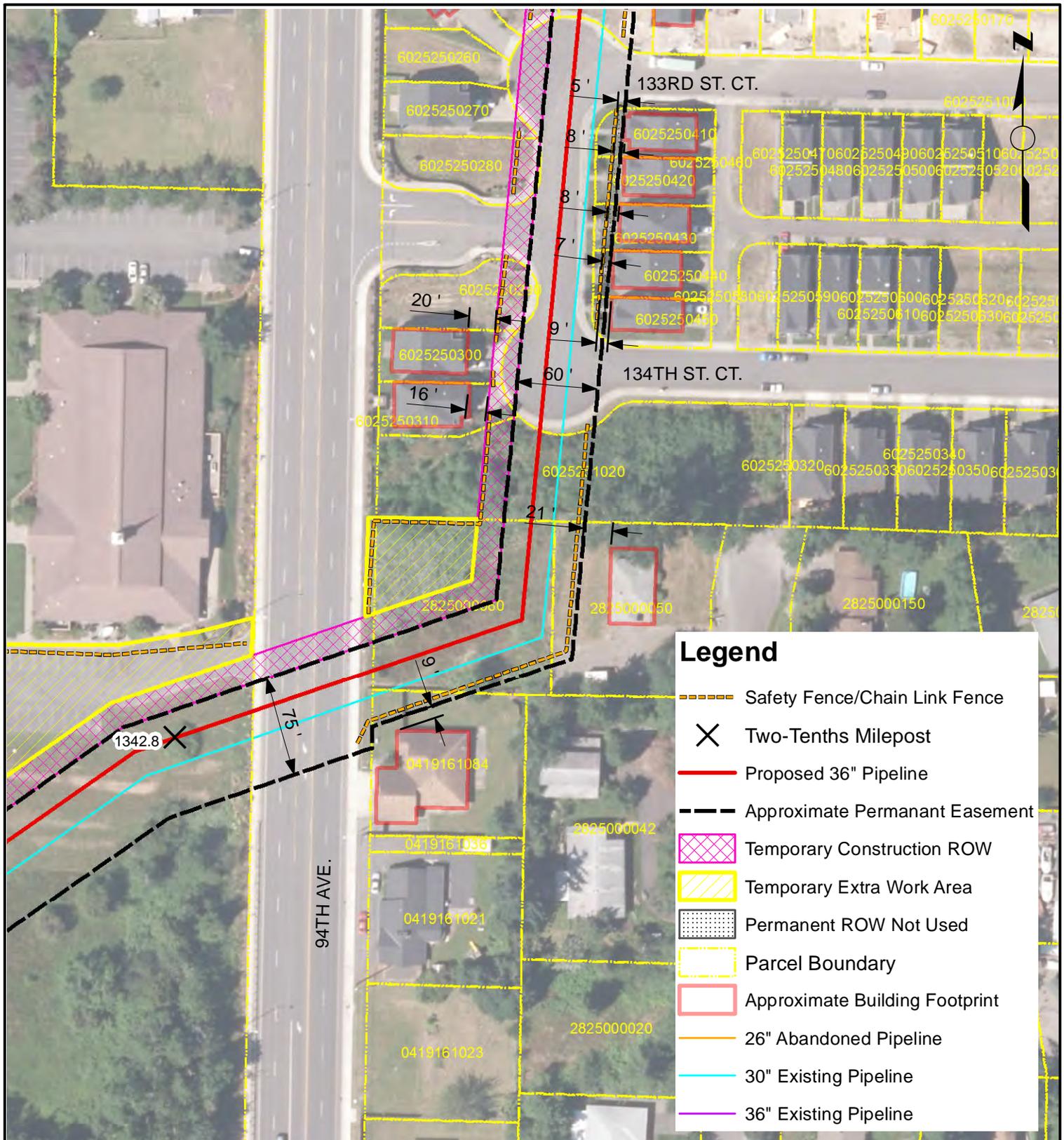
NORTHWEST PIPELINE LLC  
 WASHINGTON EXPANSION PROJECT  
 RESIDENTIAL SITE SPECIFIC MAP  
 MP 1342.53  
 T-19-N, R-4-E, S-16  
 PIERCE COUNTY, WASHINGTON



**REVISIONS**

| NO. | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK | APP. |
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| 01  | 6/4/2013 | MC | Review Comments                     |          | KK  | WD   |
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|------------------|---------------|---------------------------------|------------------|
| DRAWN BY: MC     | DATE: 5/15/13 | ISSUED FOR BID:                 | SCALE: 1" = 100' |
| CHECKED BY: JWD  | DATE:         | ISSUED FOR CONSTRUCTION:        |                  |
| APPROVED BY: JGT | DATE:         | DRAWING NUMBER: 1342.54 - 30011 | SHEET 11 OF 39   |



### Legend

- Safety Fence/Chain Link Fence
- Two-Tenths Milepost
- Proposed 36" Pipeline
- Approximate Permanent Easement
- Temporary Construction ROW
- Temporary Extra Work Area
- Permanent ROW Not Used
- Parcel Boundary
- Approximate Building Footprint
- 26" Abandoned Pipeline
- 30" Existing Pipeline
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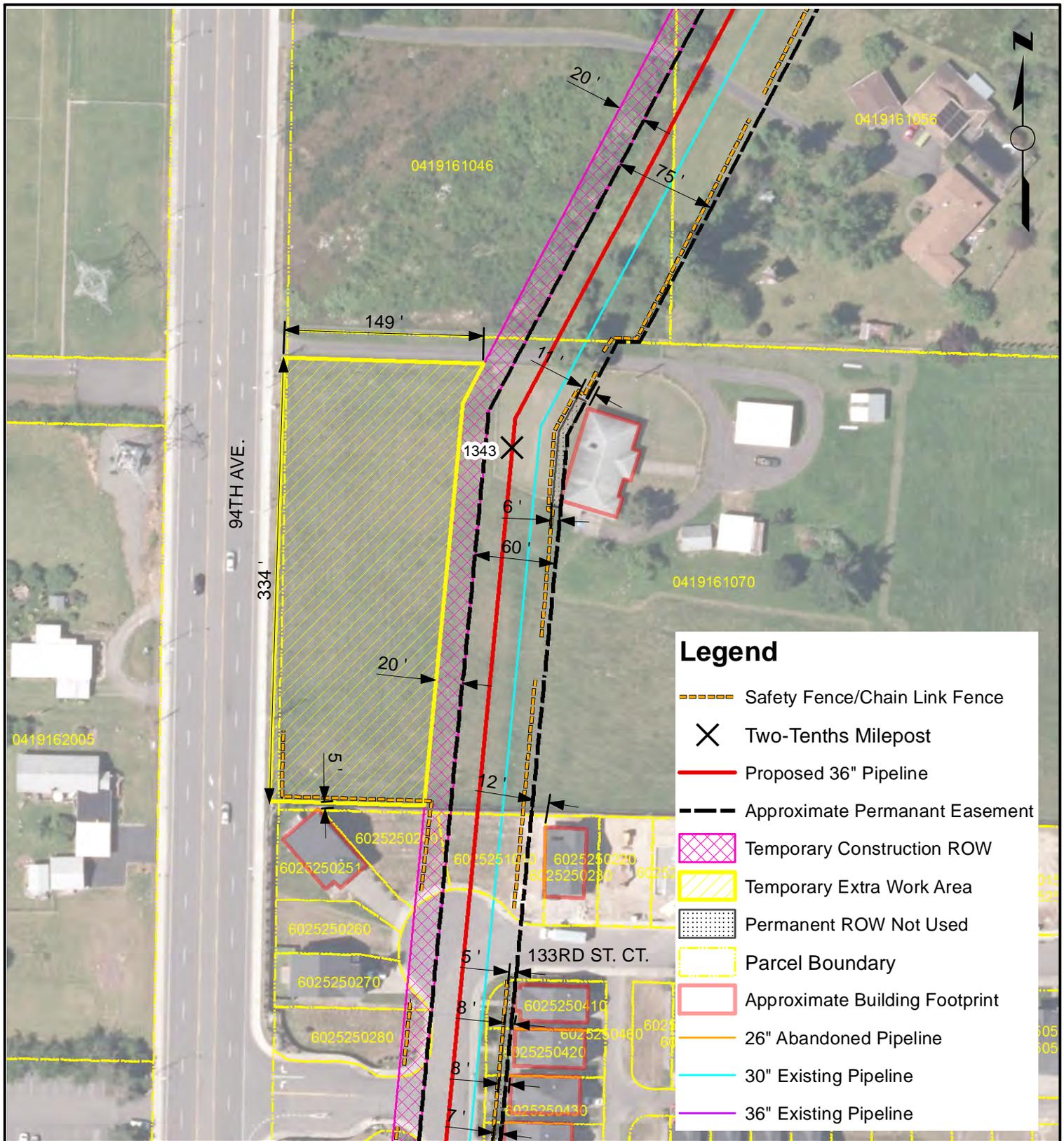
NORTHWEST PIPELINE LLC  
 WASHINGTON EXPANSION PROJECT  
 RESIDENTIAL SITE SPECIFIC MAP  
 MP 1342.85  
 T-19-N, R-4-E, S-16  
 PIERCE COUNTY, WASHINGTON



**REVISIONS**

| NO. | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK | APP. |
|-----|----------|----|-------------------------------------|----------|-----|------|
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|------------------|---------------|---------------------------------|------------------|
| DRAWN BY: MC     | DATE: 5/15/13 | ISSUED FOR BID:                 | SCALE: 1" = 100' |
| CHECKED BY: JWD  | DATE:         | ISSUED FOR CONSTRUCTION:        |                  |
| APPROVED BY: JGT | DATE:         | DRAWING NUMBER: 1342.86 - 30012 | SHEET 12 OF 39   |



### Legend

- Safety Fence/Chain Link Fence
- Two-Tenths Milepost
- Proposed 36" Pipeline
- Approximate Permanent Easement
- Temporary Construction ROW
- Temporary Extra Work Area
- Permanent ROW Not Used
- Parcel Boundary
- Approximate Building Footprint
- 26" Abandoned Pipeline
- 30" Existing Pipeline
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**NOTES**

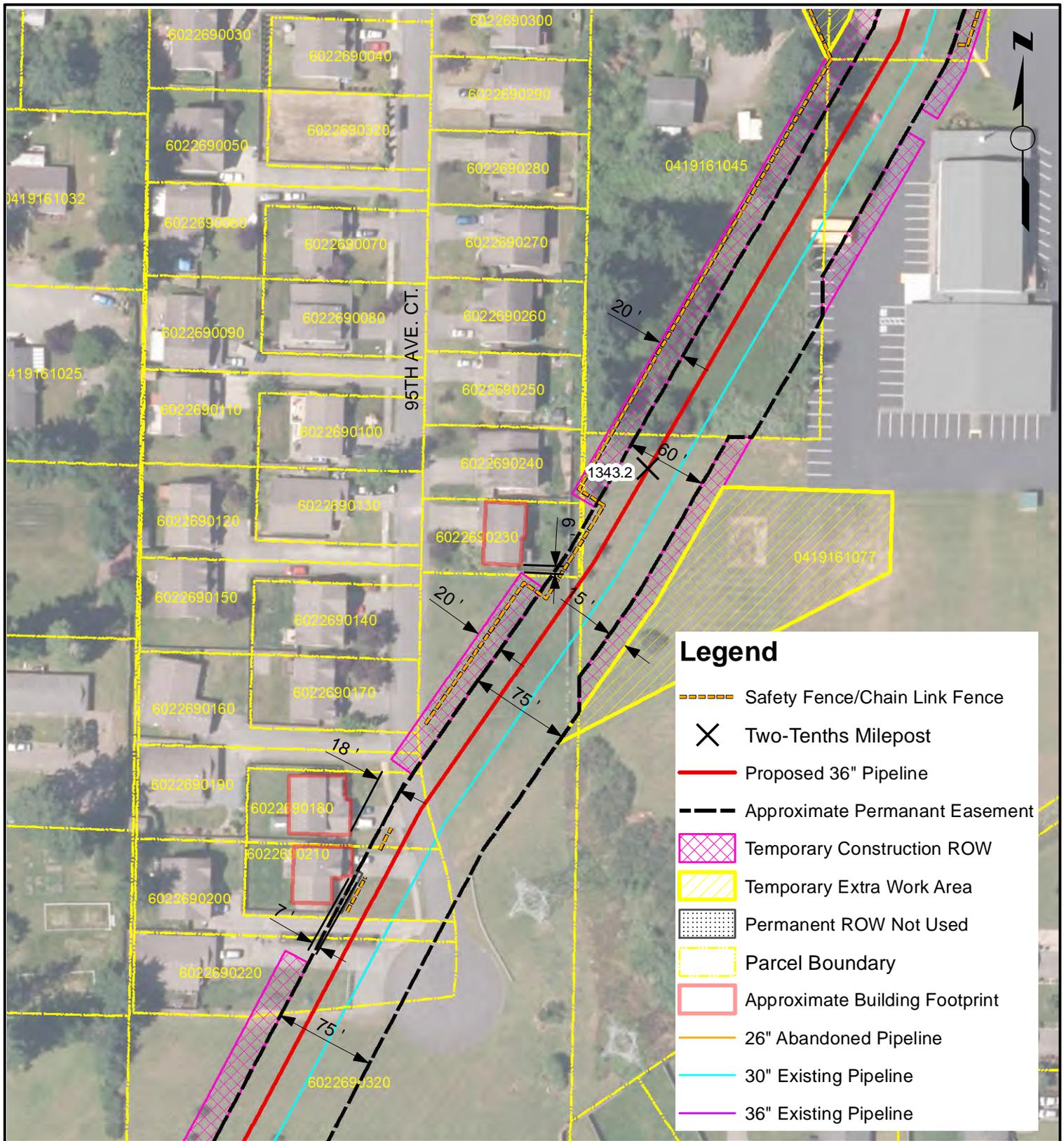
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**NORTHWEST PIPELINE LLC**  
**WASHINGTON EXPANSION PROJECT**  
**RESIDENTIAL SITE SPECIFIC MAP**  
**MP 1342.98**  
**T-19-N, R-4-E, S-16**  
**PIERCE COUNTY, WASHINGTON**

| REVISIONS |          |    |                                     |          |     |      |
|-----------|----------|----|-------------------------------------|----------|-----|------|
| NO.       | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK | APP. |
| 01        | 6/4/2013 | MC | Review Comments                     |          | KK  | WD   |
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|                  |               |                                 |                  |
|------------------|---------------|---------------------------------|------------------|
| DRAWN BY: MC     | DATE: 5/15/13 | ISSUED FOR BID:                 | SCALE: 1" = 100' |
| CHECKED BY: JWD  | DATE:         | ISSUED FOR CONSTRUCTION:        |                  |
| APPROVED BY: JGT | DATE:         | DRAWING NUMBER: 1342.98 - 30013 | SHEET 13 OF 39   |



**Legend**

- Safety Fence/Chain Link Fence
- Two-Tenths Milepost
- Proposed 36" Pipeline
- Approximate Permanent Easement
- Temporary Construction ROW
- Temporary Extra Work Area
- Permanent ROW Not Used
- Parcel Boundary
- Approximate Building Footprint
- 26" Abandoned Pipeline
- 30" Existing Pipeline
- 36" Existing Pipeline

**NOTES**

NOTES:  
 1. Only structures intended for human occupancy are delineated as "residences" on these sheets. Outbuildings, garages, sheds, etc. may be present within 25-ft of the ROW and appropriate safety measures will be developed during the land acquisition and construction planning phase.  
 2. Non-residential structures within the construction workspace will be removed during construction. Removal details shall be addressed in accordance with current landowner agreements at the time of construction.

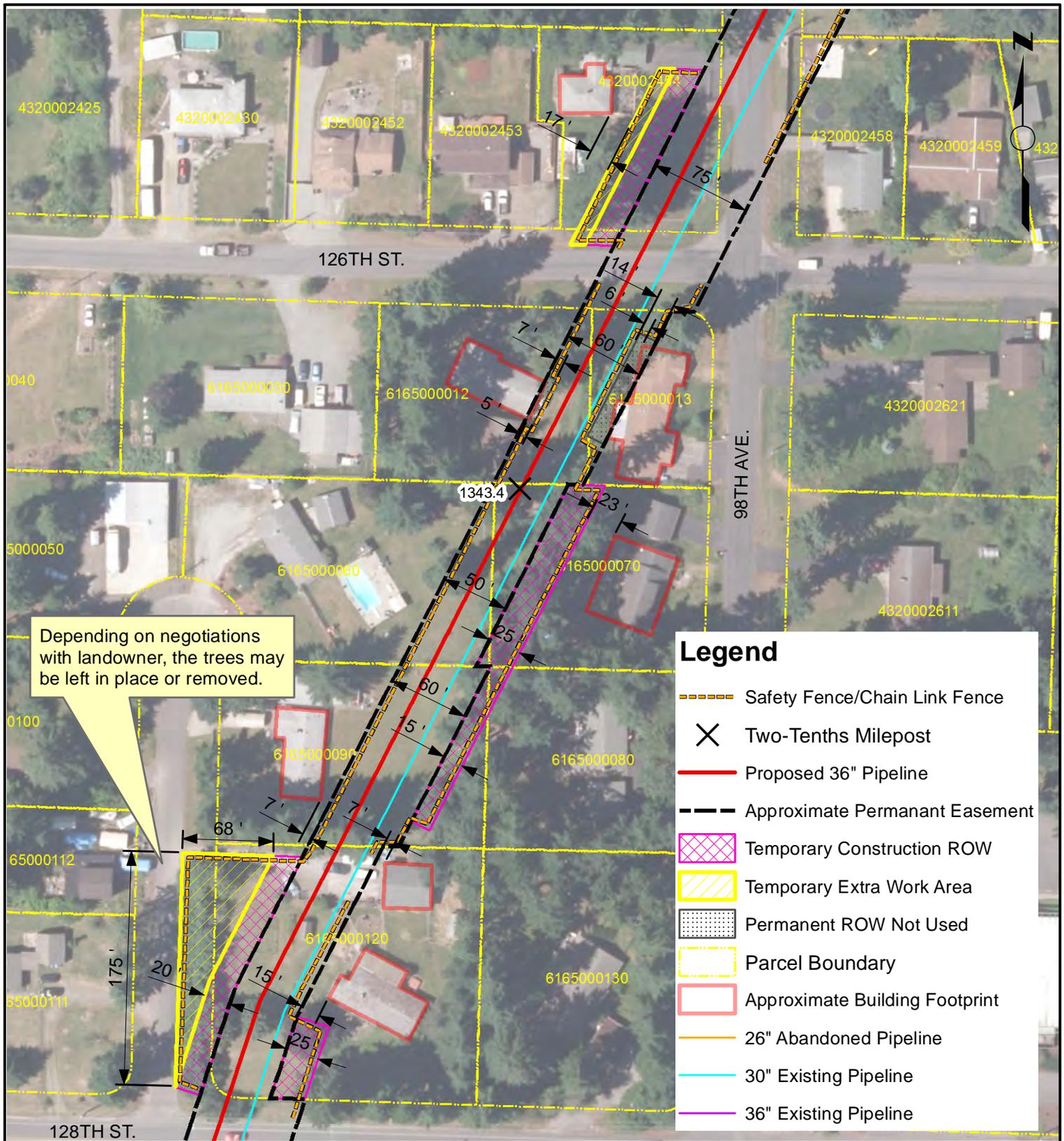
NORTHWEST PIPELINE LLC  
 WASHINGTON EXPANSION PROJECT  
 RESIDENTIAL SITE SPECIFIC MAP  
 MP 1343.17  
 T-19-N, R-4-E, S-16  
 PIERCE COUNTY, WASHINGTON



**REVISIONS**

| NO. | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK | APP. |
|-----|----------|----|-------------------------------------|----------|-----|------|
| 01  | 6/4/2013 | MC | Review Comments                     |          | KK  | WD   |
| 02  | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD | JGT  |

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|------------------|---------------|---------------------------------|------------------|
| DRAWN BY: MC     | DATE: 5/15/13 | ISSUED FOR BID:                 | SCALE: 1" = 100' |
| CHECKED BY: JWD  | DATE:         | ISSUED FOR CONSTRUCTION:        |                  |
| APPROVED BY: JGT | DATE:         | DRAWING NUMBER: 1343.17 - 30014 | SHEET 14 OF 39   |



Depending on negotiations with landowner, the trees may be left in place or removed.

### Legend

- Safety Fence/Chain Link Fence
- Two-Tenths Milepost
- Proposed 36" Pipeline
- Approximate Permanent Easement
- Temporary Construction ROW
- Temporary Extra Work Area
- Permanent ROW Not Used
- Parcel Boundary
- Approximate Building Footprint
- 26" Abandoned Pipeline
- 30" Existing Pipeline
- 36" Existing Pipeline

**NOTES**

NOTES:  
 1. Only structures intended for human occupancy are delineated as "residences" on these sheets. Outbuildings, garages, sheds, etc. may be present within 25-ft of the ROW and appropriate safety measures will be developed during the land acquisition and construction planning phase.  
 2. Non-residential structures within the construction workspace will be removed during construction. Removal details shall be addressed in accordance with current landowner agreements at the time of construction.

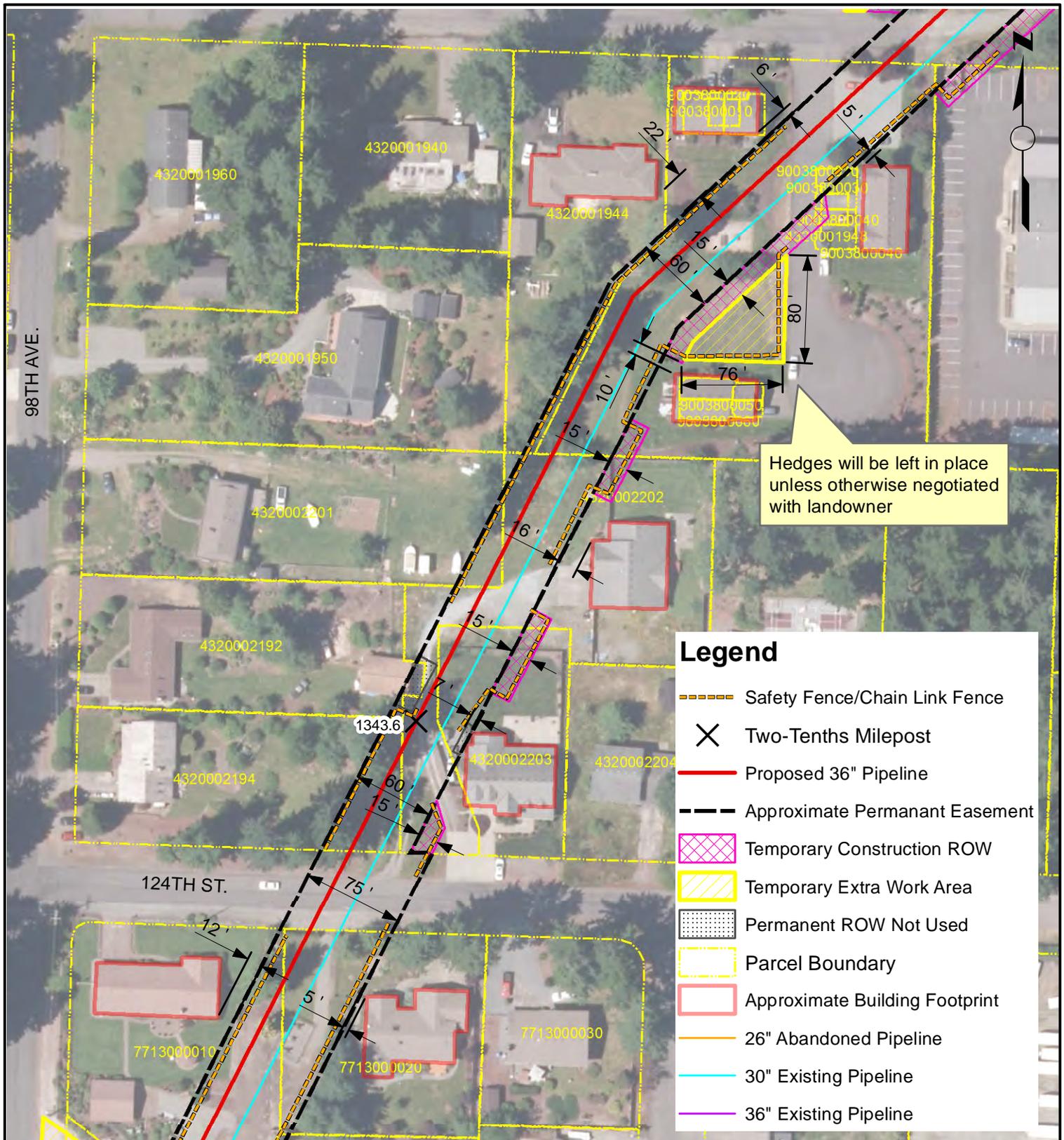
NORTHWEST PIPELINE LLC  
 WASHINGTON EXPANSION PROJECT  
 RESIDENTIAL SITE SPECIFIC MAP  
 MP 1343.38  
 T-19-N, R-4-E, S-9  
 PIERCE COUNTY, WASHINGTON



**REVISIONS**

| NO. | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK | APP. |
|-----|----------|----|-------------------------------------|----------|-----|------|
| 01  | 6/4/2013 | MC | Review Comments                     |          | KK  | WD   |
| 02  | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD | JGT  |

|                  |               |                                 |                  |
|------------------|---------------|---------------------------------|------------------|
| DRAWN BY: MC     | DATE: 5/15/13 | ISSUED FOR BID:                 | SCALE: 1" = 100' |
| CHECKED BY: JWD  | DATE:         | ISSUED FOR CONSTRUCTION:        |                  |
| APPROVED BY: JGT | DATE:         | DRAWING NUMBER: 1343.39 - 30015 | SHEET 15 OF 39   |



Hedges will be left in place unless otherwise negotiated with landowner

### Legend

- Safety Fence/Chain Link Fence
- Two-Tenths Milepost
- Proposed 36" Pipeline
- Approximate Permanent Easement
- Temporary Construction ROW
- Temporary Extra Work Area
- Permanent ROW Not Used
- Parcel Boundary
- Approximate Building Footprint
- 26" Abandoned Pipeline
- 30" Existing Pipeline
- 36" Existing Pipeline

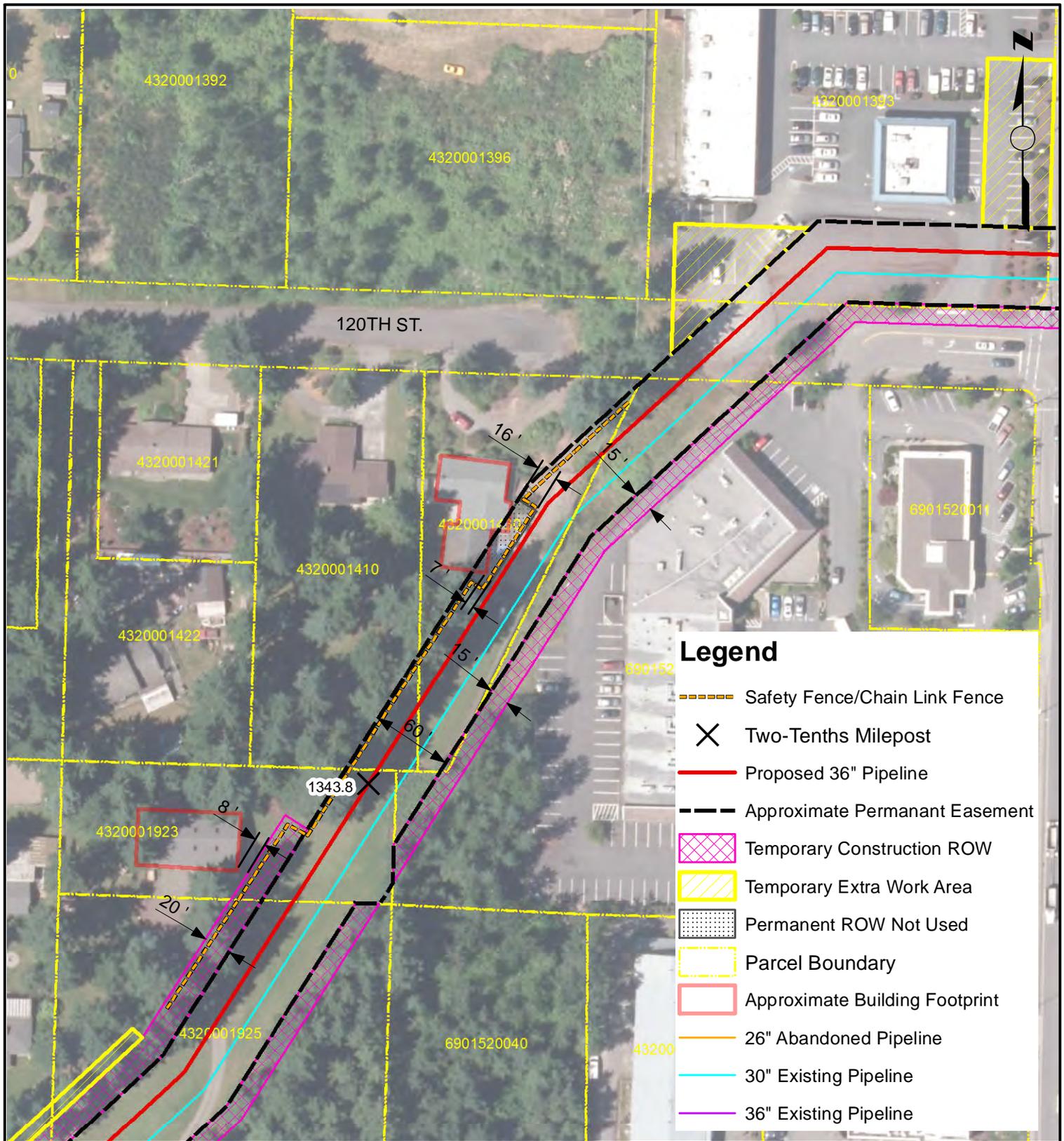
**NOTES**

NOTES:  
 1. Only structures intended for human occupancy are delineated as "residences" on these sheets. Outbuildings, garages, sheds, etc. may be present within 25-ft of the ROW and appropriate safety measures will be developed during the land acquisition and construction planning phase.  
 2. Non-residential structures within the construction workspace will be removed during construction. Removal details shall be addressed in accordance with current landowner agreements at the time of construction.

NORTHWEST PIPELINE LLC  
 WASHINGTON EXPANSION PROJECT  
 RESIDENTIAL SITE SPECIFIC MAP  
 MP 1343.62  
 T-19-N, R-4-E, S-9  
 PIERCE COUNTY, WASHINGTON



| REVISIONS |          |    |                                     |          |     |      | DRAWN BY: MC     | DATE: 5/15/13 | ISSUED FOR BID:                 | SCALE: 1" = 100' |
|-----------|----------|----|-------------------------------------|----------|-----|------|------------------|---------------|---------------------------------|------------------|
| NO.       | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK | APP. | CHECKED BY: JWD  | DATE:         | ISSUED FOR CONSTRUCTION:        |                  |
| 01        | 6/4/2013 | MC | Review Comments                     |          | KK  | WD   | APPROVED BY: JGT | DATE:         | DRAWING NUMBER: 1343.63 - 30016 | SHEET 16         |
| 02        | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD | JGT  |                  |               |                                 | OF 39            |



**NOTES**

NOTES:  
 1. Only structures intended for human occupancy are delineated as "residences" on these sheets. Outbuildings, garages, sheds, etc. may be present within 25-ft of the ROW and appropriate safety measures will be developed during the land acquisition and construction planning phase.  
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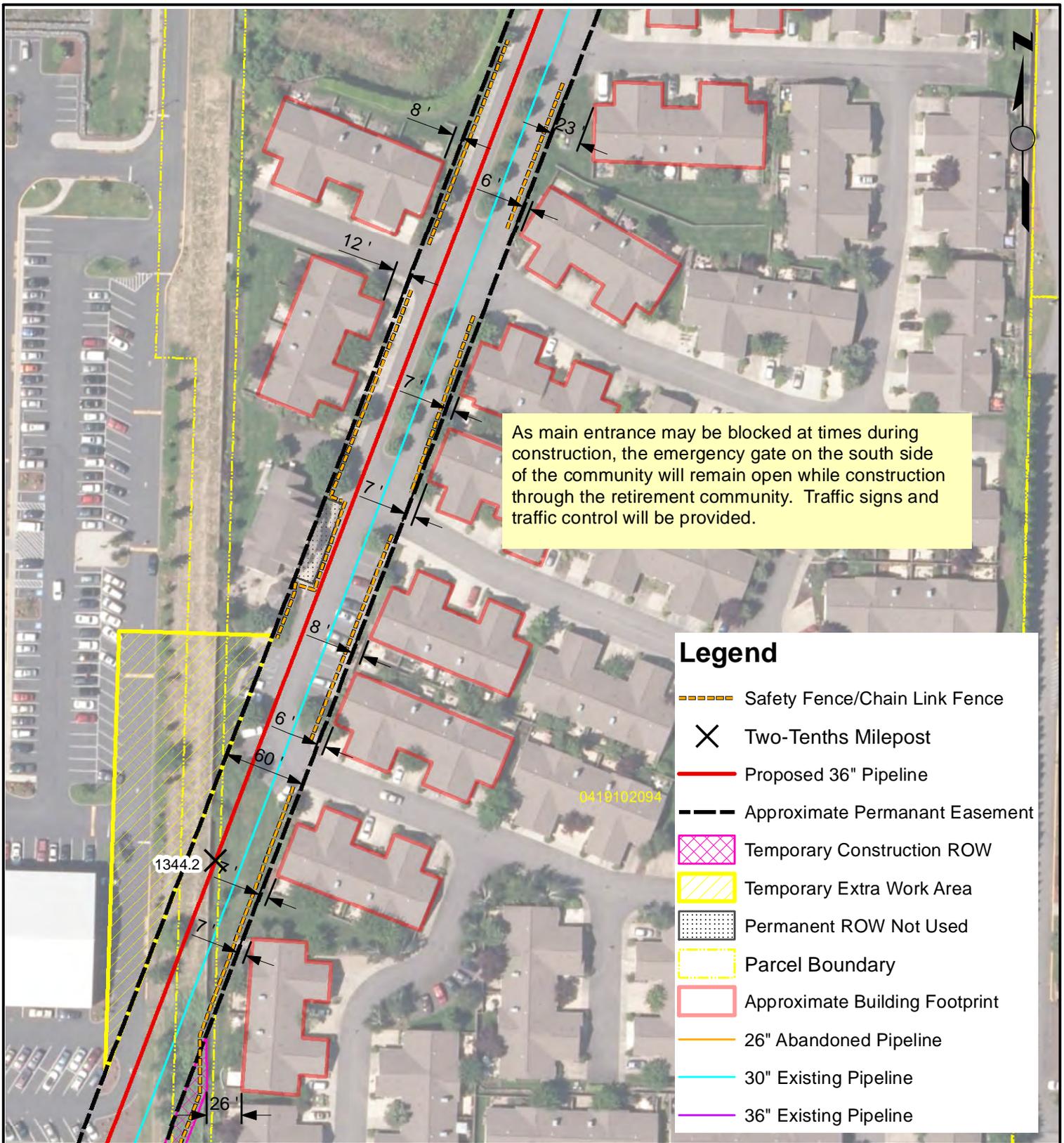
NORTHWEST PIPELINE LLC  
 WASHINGTON EXPANSION PROJECT  
 RESIDENTIAL SITE SPECIFIC MAP  
 MP 1343.83  
 T-19-N, R-4-E, S-9  
 PIERCE COUNTY, WASHINGTON



**REVISIONS**

| NO. | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK | APP. |
|-----|----------|----|-------------------------------------|----------|-----|------|
| 01  | 6/4/2013 | MC | Review Comments                     |          | KK  | WD   |
| 02  | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD | JGT  |

|                  |               |                                 |                  |
|------------------|---------------|---------------------------------|------------------|
| DRAWN BY: MC     | DATE: 5/15/13 | ISSUED FOR BID:                 | SCALE: 1" = 100' |
| CHECKED BY: JWD  | DATE:         | ISSUED FOR CONSTRUCTION:        |                  |
| APPROVED BY: JGT | DATE:         | DRAWING NUMBER: 1343.84 - 30017 | SHEET 17 OF 39   |



As main entrance may be blocked at times during construction, the emergency gate on the south side of the community will remain open while construction through the retirement community. Traffic signs and traffic control will be provided.

### Legend

- Safety Fence/Chain Link Fence
- Two-Tenths Milepost
- Proposed 36" Pipeline
- Approximate Permanent Easement
- Temporary Construction ROW
- Temporary Extra Work Area
- Permanent ROW Not Used
- Parcel Boundary
- Approximate Building Footprint
- 26" Abandoned Pipeline
- 30" Existing Pipeline
- 36" Existing Pipeline

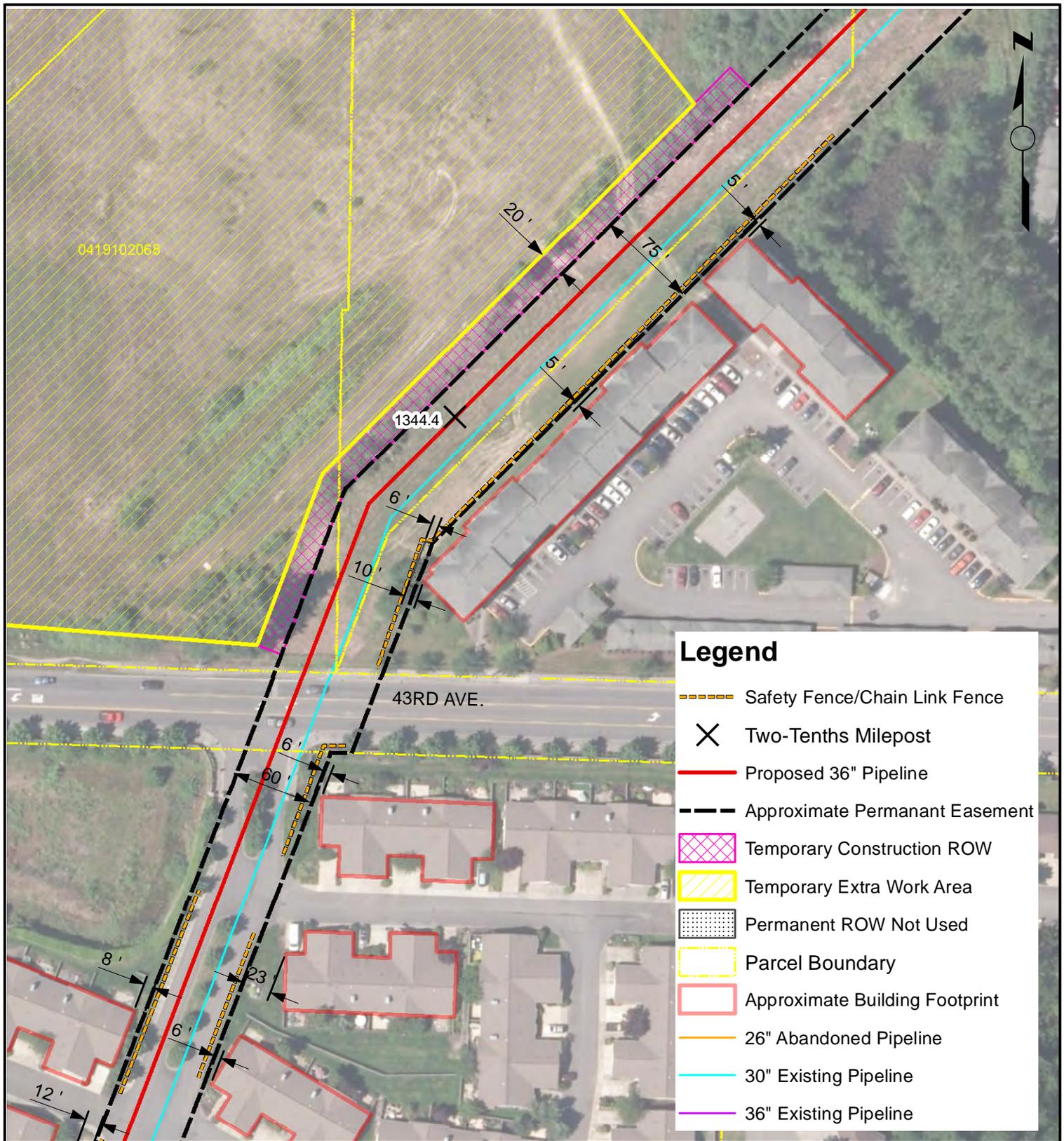
**NOTES**

NOTES:  
 1. Only structures intended for human occupancy are delineated as "residences" on these sheets. Outbuildings, garages, sheds, etc. may be present within 25-ft of the ROW and appropriate safety measures will be developed during the land acquisition and construction planning phase.  
 2. Non-residential structures within the construction workspace will be removed during construction. Removal details shall be addressed in accordance with current landowner agreements at the time of construction.

NORTHWEST PIPELINE LLC  
 WASHINGTON EXPANSION PROJECT  
 RESIDENTIAL SITE SPECIFIC MAP  
 MP 1344.24  
 T-19-N, R-4-E, S-10  
 PIERCE COUNTY, WASHINGTON



| REVISIONS |          |    |                                     |          |     |      | DRAWN BY: MC     | DATE: 5/15/13 | ISSUED FOR BID:                 | SCALE: 1" = 100' |
|-----------|----------|----|-------------------------------------|----------|-----|------|------------------|---------------|---------------------------------|------------------|
| NO.       | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK | APP. | CHECKED BY: JWD  | DATE:         | ISSUED FOR CONSTRUCTION:        |                  |
| 01        | 6/4/2013 | MC | Review Comments                     |          | KK  | WD   | APPROVED BY: JGT | DATE:         | DRAWING NUMBER: 1344.24 - 30018 | SHEET 18         |
| 02        | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD | JGT  |                  |               |                                 | OF 39            |



### Legend

- Safety Fence/Chain Link Fence
- Two-Tenths Milepost
- Proposed 36" Pipeline
- Approximate Permanent Easement
- Temporary Construction ROW
- Temporary Extra Work Area
- Permanent ROW Not Used
- Parcel Boundary
- Approximate Building Footprint
- 26" Abandoned Pipeline
- 30" Existing Pipeline
- 36" Existing Pipeline

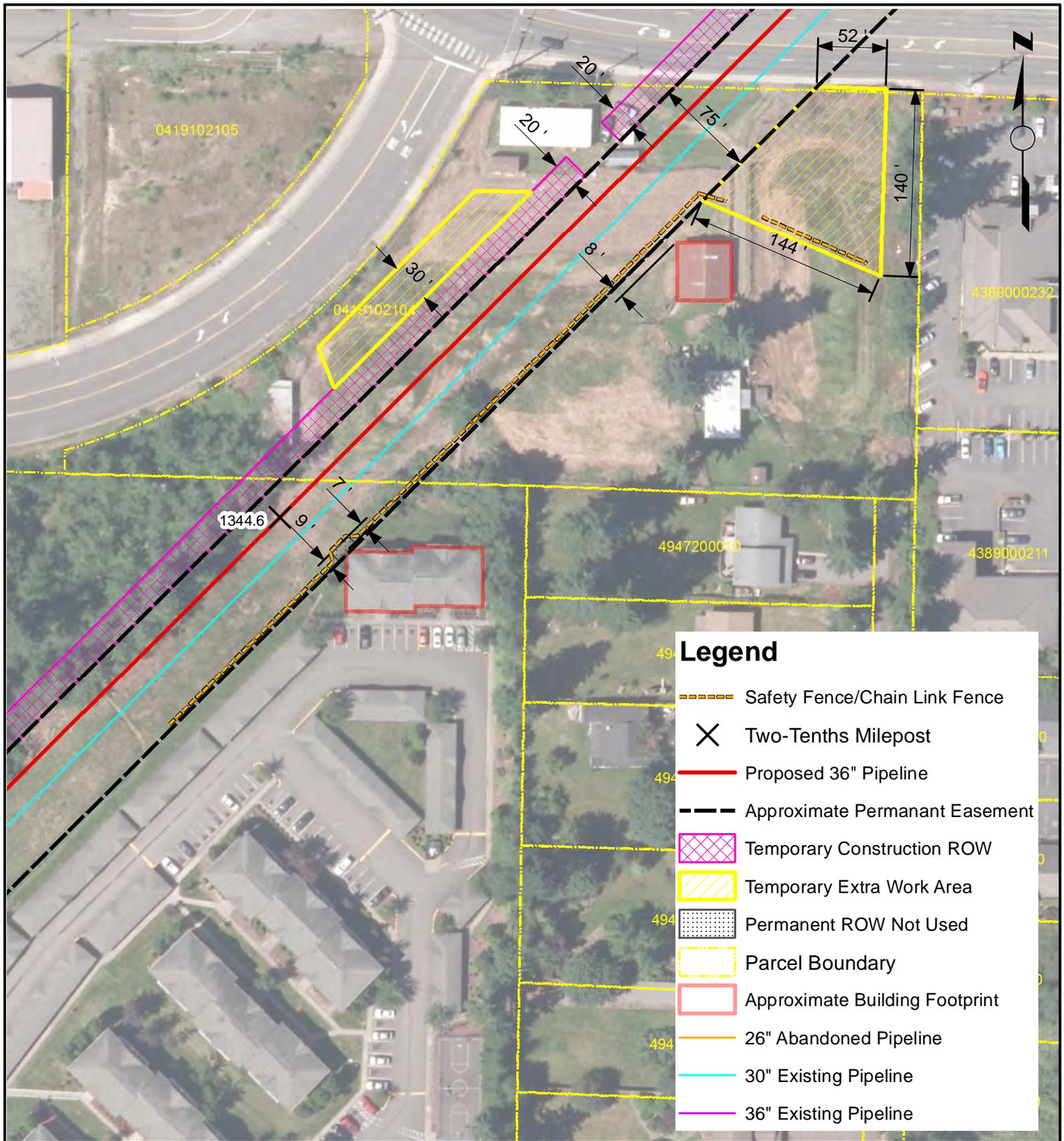
**NOTES**

NOTES:  
 1. Only structures intended for human occupancy are delineated as "residences" on these sheets. Outbuildings, garages, sheds, etc. may be present within 25-ft of the ROW and appropriate safety measures will be developed during the land acquisition and construction planning phase.  
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NORTHWEST PIPELINE LLC  
 WASHINGTON EXPANSION PROJECT  
 RESIDENTIAL SITE SPECIFIC MAP  
 MP 1344.39  
 T-19-N, R-4-E, S-10  
 PIERCE COUNTY, WASHINGTON



| REVISIONS |          |    |                                     |          |     |      | DRAWN BY: MC     | DATE: 5/15/13 | ISSUED FOR BID:                 | SCALE: 1" = 100' |
|-----------|----------|----|-------------------------------------|----------|-----|------|------------------|---------------|---------------------------------|------------------|
| NO.       | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK | APP. | CHECKED BY: JWD  | DATE:         | ISSUED FOR CONSTRUCTION:        |                  |
| 01        | 6/4/2013 | MC | Review Comments                     |          | KK  | WD   | APPROVED BY: JGT | DATE:         | DRAWING NUMBER: 1344.39 - 30019 | SHEET 19         |
| 02        | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD | JGT  |                  |               |                                 | OF 39            |



**Legend**

- Safety Fence/Chain Link Fence
- Two-Tenths Milepost
- Proposed 36" Pipeline
- Approximate Permanent Easement
- Temporary Construction ROW
- Temporary Extra Work Area
- Permanent ROW Not Used
- Parcel Boundary
- Approximate Building Footprint
- 26" Abandoned Pipeline
- 30" Existing Pipeline
- 36" Existing Pipeline

**NOTES**

NOTES:  
 1. Only structures intended for human occupancy are delineated as "residences" on these sheets. Outbuildings, garages, sheds, etc. may be present within 25-ft of the ROW and appropriate safety measures will be developed during the land acquisition and construction planning phase.  
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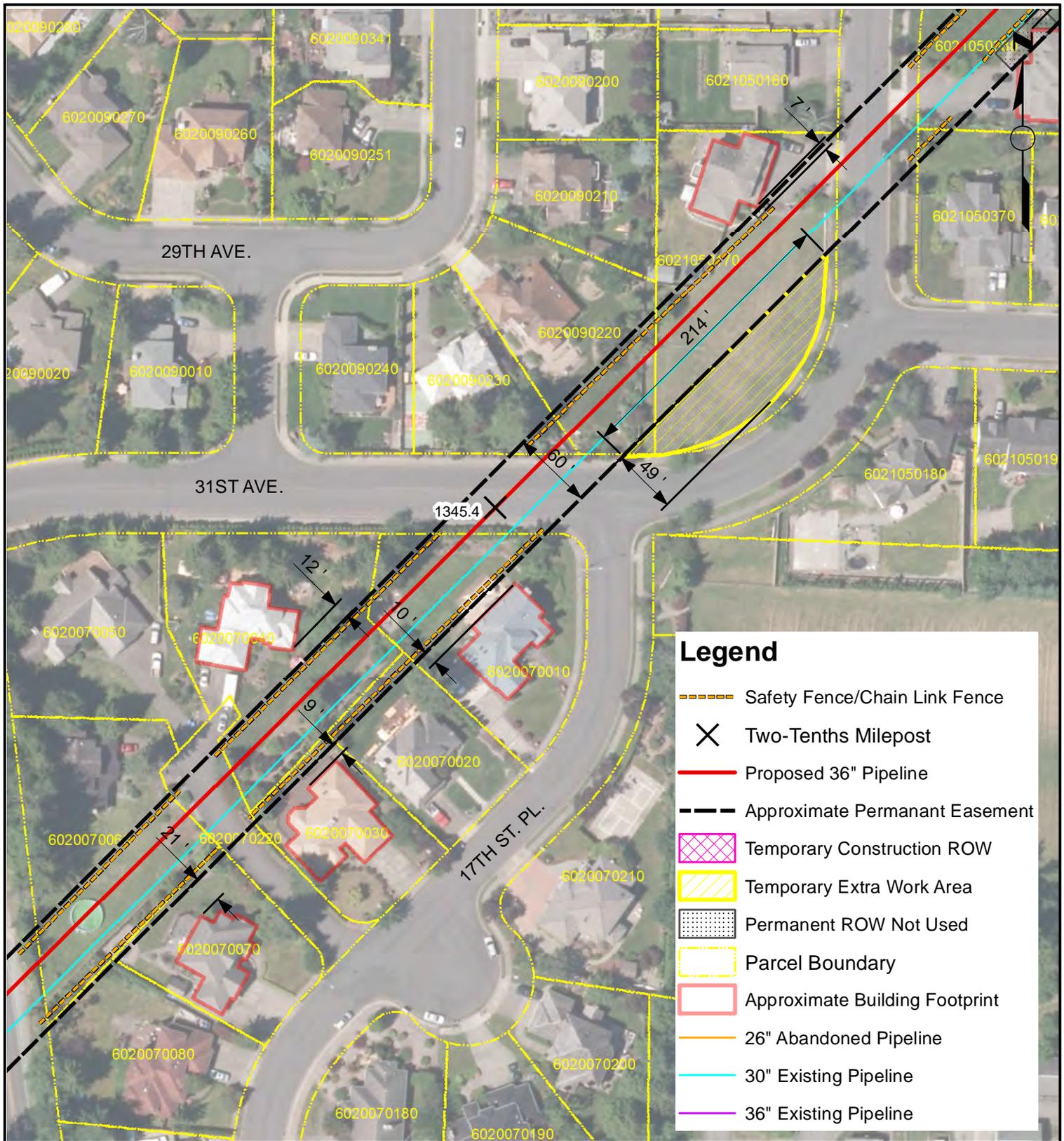
NORTHWEST PIPELINE LLC  
 WASHINGTON EXPANSION PROJECT  
 RESIDENTIAL SITE SPECIFIC MAP  
 MP 1344.61  
 T-19-N, R-4-E, S-10  
 PIERCE COUNTY, WASHINGTON



**REVISIONS**

| NO. | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK | APP. |
|-----|----------|----|-------------------------------------|----------|-----|------|
| 01  | 6/4/2013 | MC | Review Comments                     |          | KK  | WD   |
| 02  | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD | JGT  |

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|------------------|---------------|---------------------------------|------------------|
| DRAWN BY: MC     | DATE: 5/15/13 | ISSUED FOR BID:                 | SCALE: 1" = 100' |
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| APPROVED BY: JGT | DATE:         | DRAWING NUMBER: 1344.62 - 30020 | SHEET 20 OF 39   |



**NOTES**

NOTES:  
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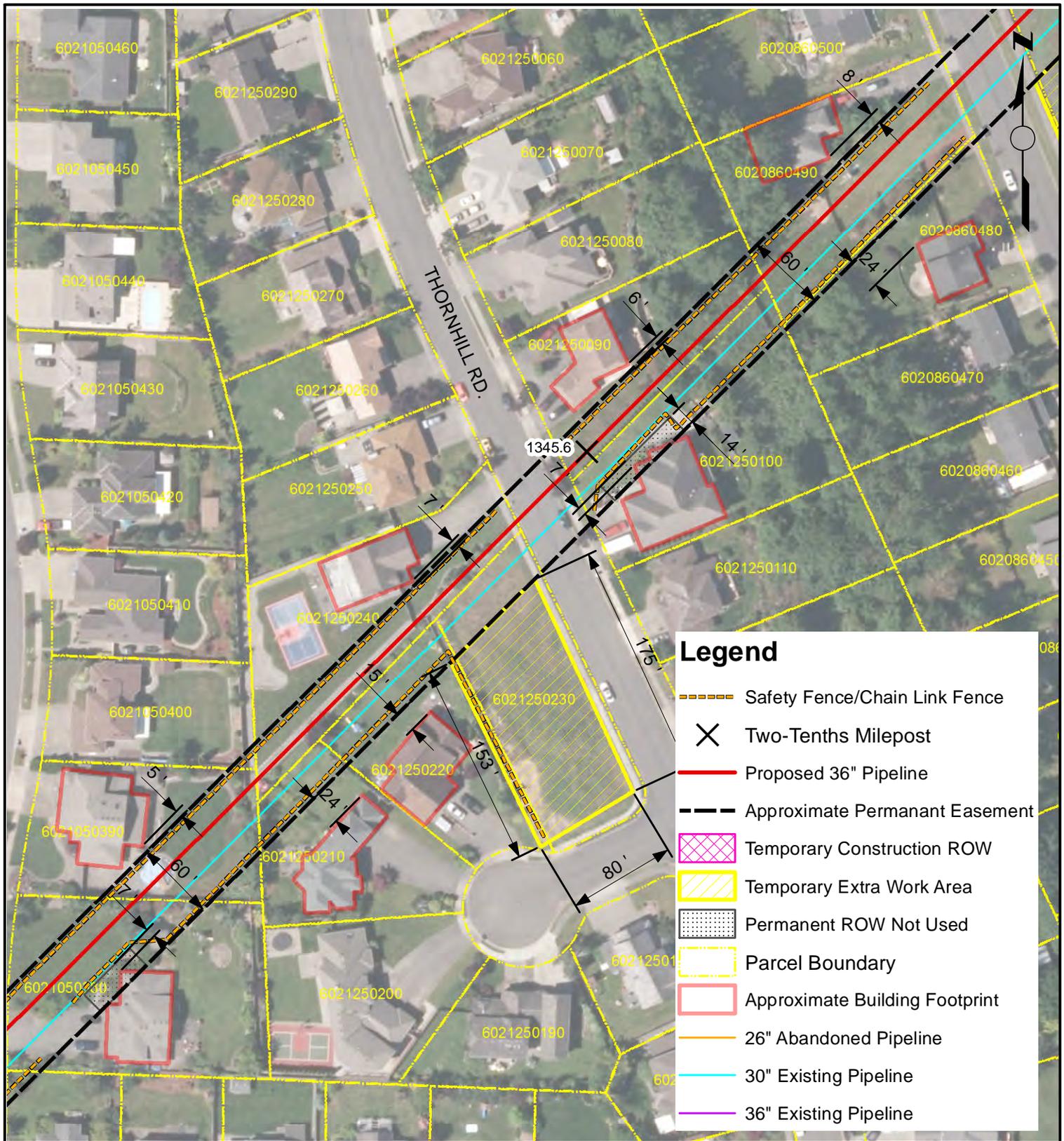
NORTHWEST PIPELINE LLC  
 WASHINGTON EXPANSION PROJECT  
 RESIDENTIAL SITE SPECIFIC MAP  
 MP 1345.39  
 T-19-N, R-4-E, S-3  
 PIERCE COUNTY, WASHINGTON



**REVISIONS**

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|-----|----------|----|-------------------------------------|----------|-----|------|
| 01  | 6/4/2013 | MC | Review Comments                     |          | KK  | WD   |
| 02  | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD | JGT  |

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| DRAWN BY: MC     | DATE: 5/15/13 | ISSUED FOR BID:                | SCALE: 1" = 100' |
| CHECKED BY: JWD  | DATE:         | ISSUED FOR CONSTRUCTION:       |                  |
| APPROVED BY: JGT | DATE:         | DRAWING NUMBER: 1345.4 - 30021 | SHEET 21 OF 39   |



**NOTES**

NOTES:  
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NORTHWEST PIPELINE LLC  
 WASHINGTON EXPANSION PROJECT  
 RESIDENTIAL SITE SPECIFIC MAP  
 MP 1345.58  
 T-19-N, R-4-E, S-2  
 PIERCE COUNTY, WASHINGTON



**REVISIONS**

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|-----|----------|----|-------------------------------------|----------|-----|------|
| 01  | 6/4/2013 | MC | Review Comments                     |          | KK  | WD   |
| 02  | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD | JGT  |

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|------------------|---------------|---------------------------------|------------------|
| DRAWN BY: MC     | DATE: 5/15/13 | ISSUED FOR BID:                 | SCALE: 1" = 100' |
| CHECKED BY: JWD  | DATE:         | ISSUED FOR CONSTRUCTION:        |                  |
| APPROVED BY: JGT | DATE:         | DRAWING NUMBER: 1345.58 - 30022 | SHEET 22 OF 39   |



### Legend

- Safety Fence/Chain Link Fence
- Two-Tenths Milepost
- Proposed 36" Pipeline
- Approximate Permanant Easement
- Temporary Construction ROW
- Temporary Extra Work Area
- Permanent ROW Not Used
- Parcel Boundary
- Approximate Building Footprint
- 26" Abandoned Pipeline
- 30" Existing Pipeline
- 36" Existing Pipeline

**NOTES**

NOTES:  
 1. Only structures intended for human occupancy are delineated as "residences" on these sheets. Outbuildings, garages, sheds, etc. may be present within 25-ft of the ROW and appropriate safety measures will be developed during the land acquisition and construction planning phase.  
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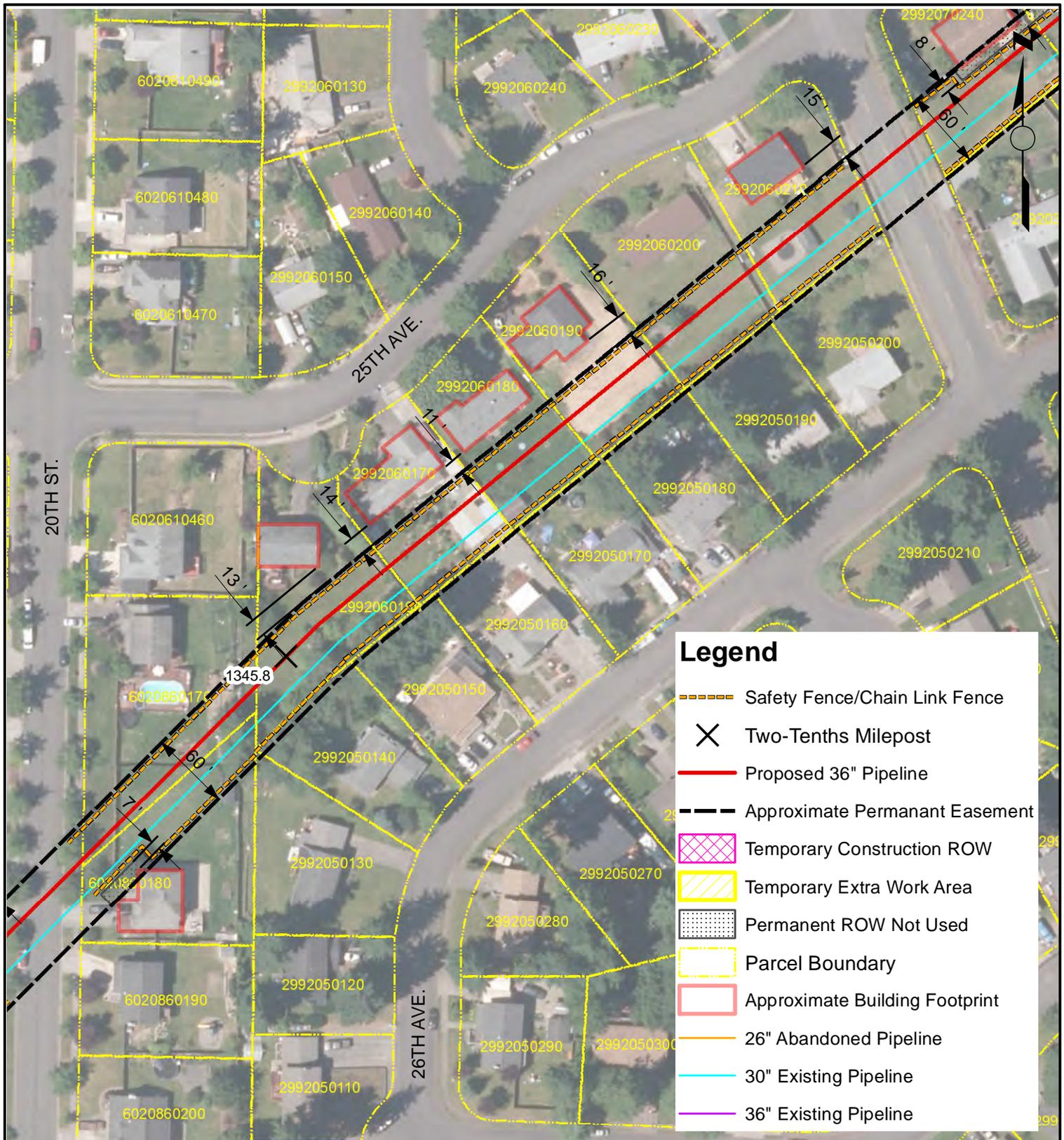
NORTHWEST PIPELINE LLC  
 WASHINGTON EXPANSION PROJECT  
 RESIDENTIAL SITE SPECIFIC MAP  
 MP 1345.73  
 T-19-N, R-4-E, S-2  
 PIERCE COUNTY, WASHINGTON



**REVISIONS**

| NO. | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK | APP. |
|-----|----------|----|-------------------------------------|----------|-----|------|
| 01  | 6/4/2013 | MC | Review Comments                     |          | KK  | WD   |
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|------------------|---------------|---------------------------------|------------------|
| DRAWN BY: MC     | DATE: 5/15/13 | ISSUED FOR BID:                 | SCALE: 1" = 100' |
| CHECKED BY: JWD  | DATE:         | ISSUED FOR CONSTRUCTION:        |                  |
| APPROVED BY: JGT | DATE:         | DRAWING NUMBER: 1345.73 - 30023 | SHEET 23 OF 39   |



### Legend

- Safety Fence/Chain Link Fence
- Two-Tenths Milepost
- Proposed 36" Pipeline
- Approximate Permanent Easement
- Temporary Construction ROW
- Temporary Extra Work Area
- Permanent ROW Not Used
- Parcel Boundary
- Approximate Building Footprint
- 26" Abandoned Pipeline
- 30" Existing Pipeline
- 36" Existing Pipeline

**NOTES**

NOTES:  
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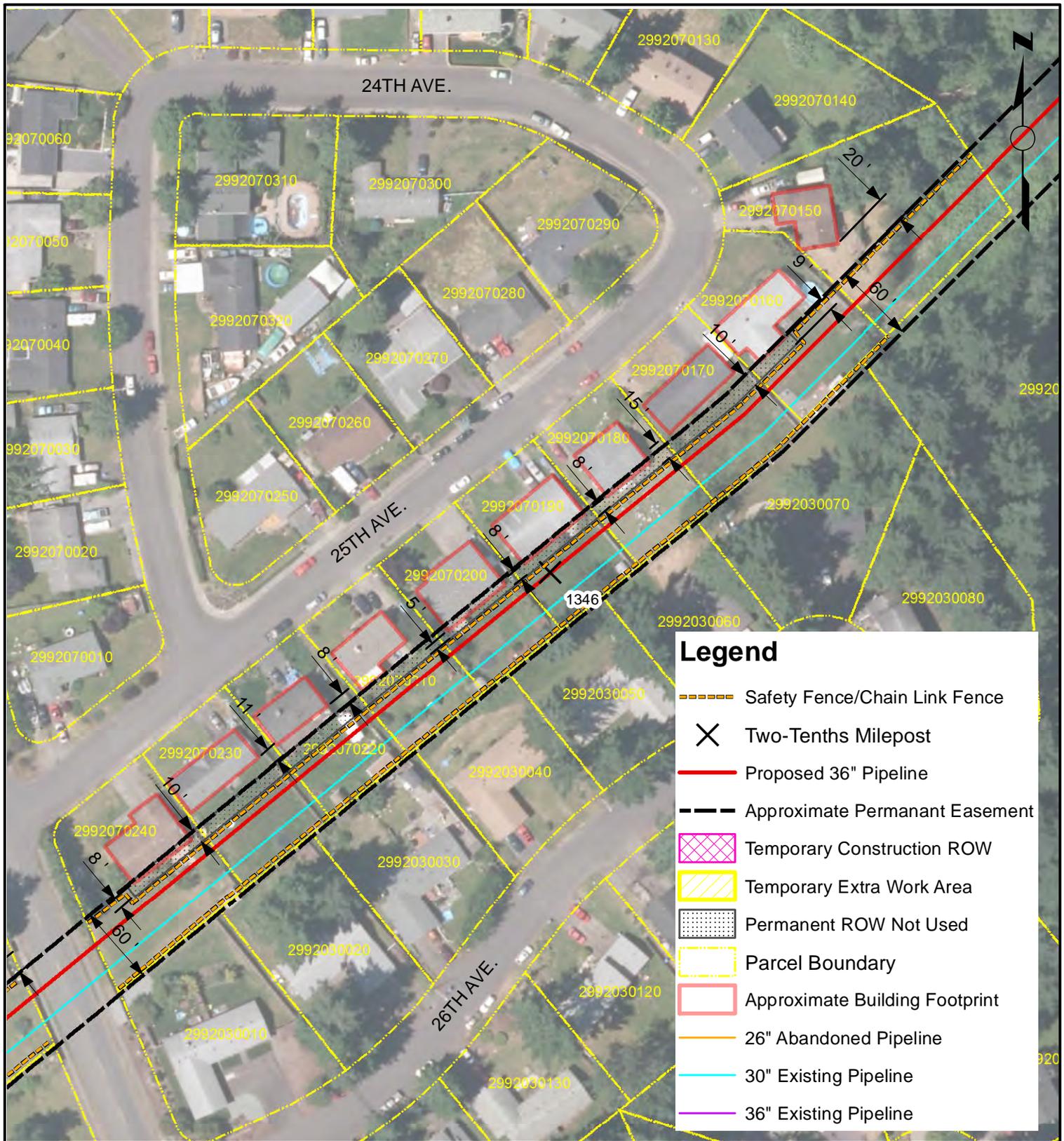
NORTHWEST PIPELINE LLC  
 WASHINGTON EXPANSION PROJECT  
 RESIDENTIAL SITE SPECIFIC MAP  
 MP 1345.83  
 T-19-N, R-4-E, S-2  
 PIERCE COUNTY, WASHINGTON



**REVISIONS**

| NO. | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK | APP. |
|-----|----------|----|-------------------------------------|----------|-----|------|
| 01  | 6/4/2013 | MC | Review Comments                     |          | KK  | WD   |
| 02  | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD | JGT  |

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|------------------|---------------|---------------------------------|------------------|
| DRAWN BY: MC     | DATE: 5/15/13 | ISSUED FOR BID:                 | SCALE: 1" = 100' |
| CHECKED BY: JWD  | DATE:         | ISSUED FOR CONSTRUCTION:        |                  |
| APPROVED BY: JGT | DATE:         | DRAWING NUMBER: 1345.83 - 30024 | SHEET 24 OF 39   |



**NOTES**

NOTES:  
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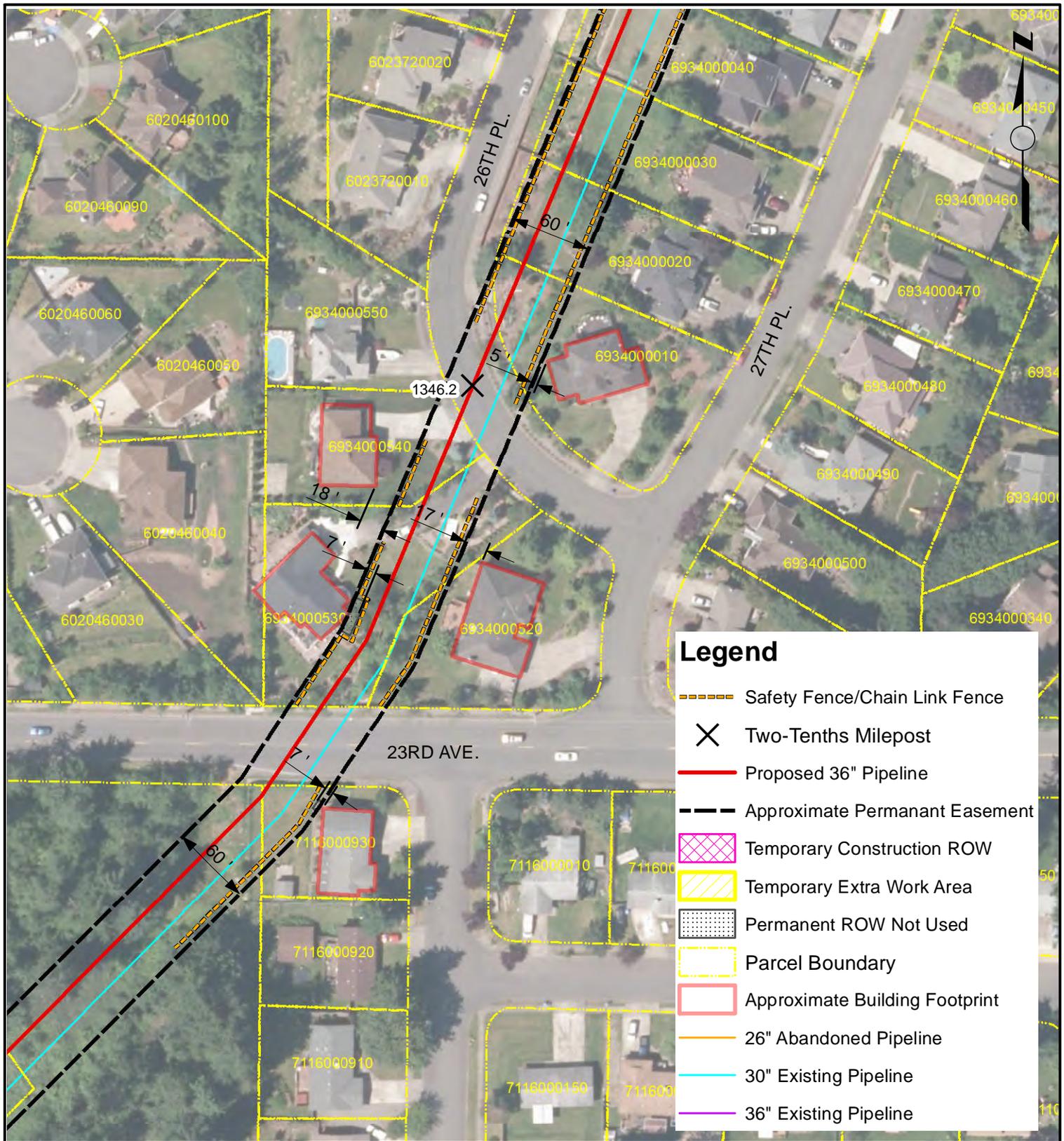
NORTHWEST PIPELINE LLC  
 WASHINGTON EXPANSION PROJECT  
 RESIDENTIAL SITE SPECIFIC MAP  
 MP 1345.99  
 T-19-N, R-4-E, S-2  
 PIERCE COUNTY, WASHINGTON



**REVISIONS**

| NO. | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK | APP. |
|-----|----------|----|-------------------------------------|----------|-----|------|
| 01  | 6/4/2013 | MC | Review Comments                     |          | KK  | WD   |
| 02  | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD | JGT  |

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|------------------|---------------|------------------------------|------------------|
| DRAWN BY: MC     | DATE: 5/15/13 | ISSUED FOR BID:              | SCALE: 1" = 100' |
| CHECKED BY: JWD  | DATE:         | ISSUED FOR CONSTRUCTION:     |                  |
| APPROVED BY: JGT | DATE:         | DRAWING NUMBER: 1346 - 30025 | SHEET 25 OF 39   |



### Legend

- Safety Fence/Chain Link Fence
- Two-Tenths Milepost
- Proposed 36" Pipeline
- Approximate Permanent Easement
- Temporary Construction ROW
- Temporary Extra Work Area
- Permanent ROW Not Used
- Parcel Boundary
- Approximate Building Footprint
- 26" Abandoned Pipeline
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**NOTES**

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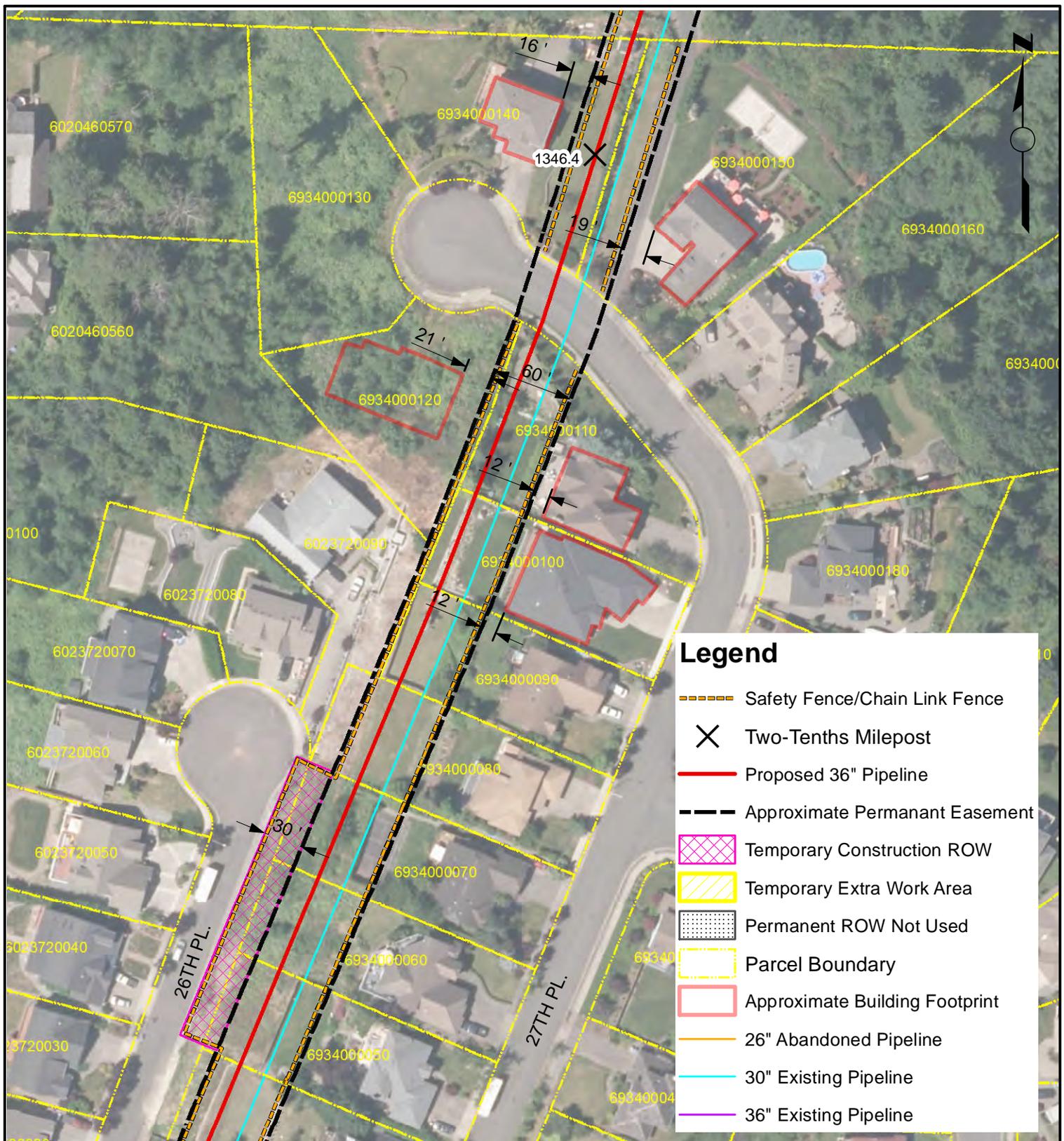
NORTHWEST PIPELINE LLC  
 WASHINGTON EXPANSION PROJECT  
 RESIDENTIAL SITE SPECIFIC MAP  
 MP 1346.17  
 T-20-N, R-4-E, S-35  
 PIERCE COUNTY, WASHINGTON



**REVISIONS**

| NO. | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK | APP. |
|-----|----------|----|-------------------------------------|----------|-----|------|
| 01  | 6/4/2013 | MC | Review Comments                     |          | KK  | WD   |
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|                  |               |                                 |                  |
|------------------|---------------|---------------------------------|------------------|
| DRAWN BY: MC     | DATE: 5/15/13 | ISSUED FOR BID:                 | SCALE: 1" = 100' |
| CHECKED BY: JWD  | DATE:         | ISSUED FOR CONSTRUCTION:        |                  |
| APPROVED BY: JGT | DATE:         | DRAWING NUMBER: 1346.18 - 30026 | SHEET 26 OF 39   |



**NOTES**

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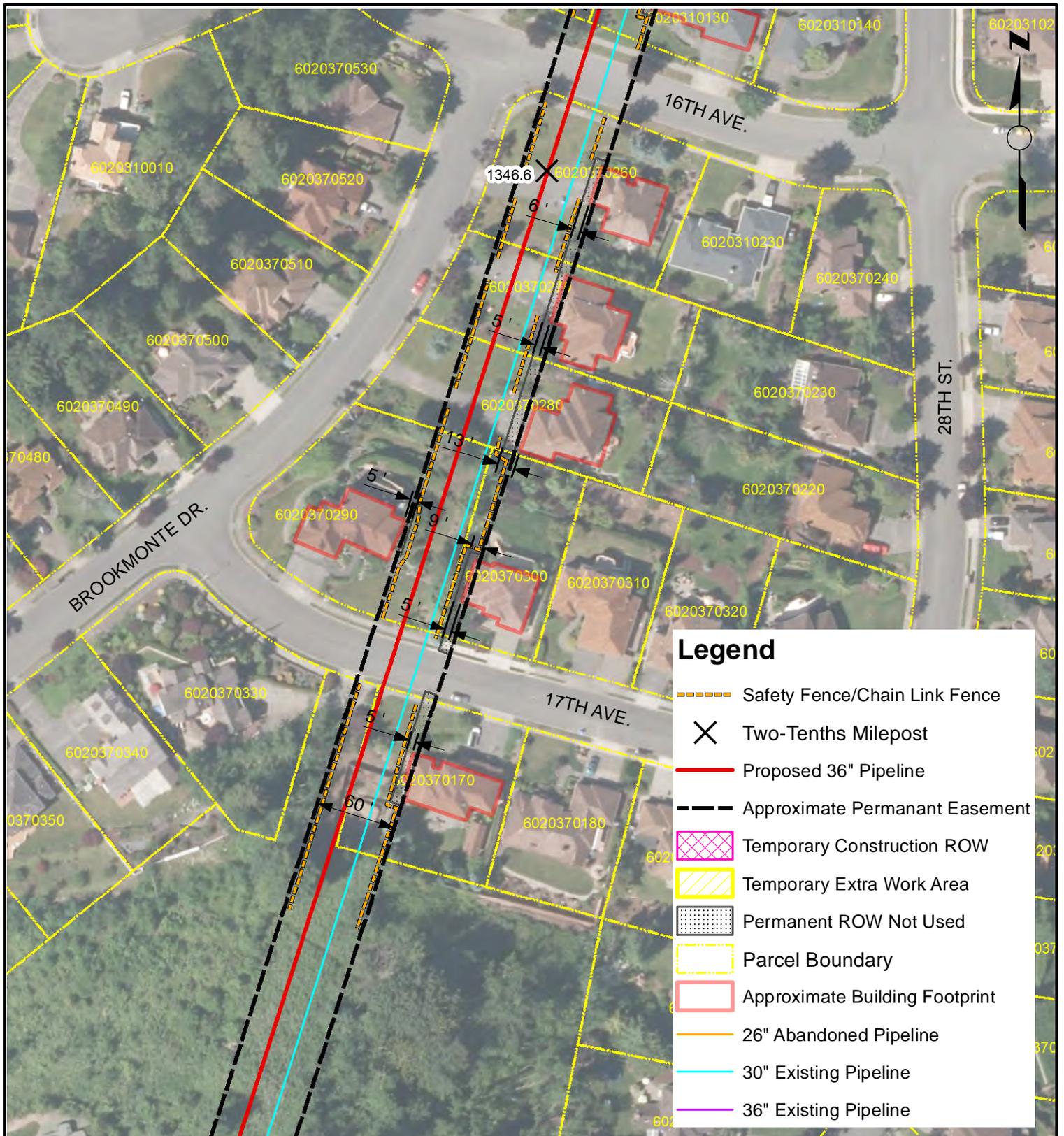
NORTHWEST PIPELINE LLC  
 WASHINGTON EXPANSION PROJECT  
 RESIDENTIAL SITE SPECIFIC MAP  
 MP 1346.34  
 T-20-N, R-4-E, S-35  
 PIERCE COUNTY, WASHINGTON



**REVISIONS**

| NO. | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK | APP. |
|-----|----------|----|-------------------------------------|----------|-----|------|
| 01  | 6/4/2013 | MC | Review Comments                     |          | KK  | WD   |
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| DRAWN BY: MC     | DATE: 5/15/13 | ISSUED FOR BID:                 | SCALE: 1" = 100' |
| CHECKED BY: JWD  | DATE:         | ISSUED FOR CONSTRUCTION:        |                  |
| APPROVED BY: JGT | DATE:         | DRAWING NUMBER: 1346.34 - 30027 | SHEET 27 OF 39   |



### Legend

- Safety Fence/Chain Link Fence
- Two-Tenths Milepost
- Proposed 36" Pipeline
- Approximate Permanant Easement
- Temporary Construction ROW
- Temporary Extra Work Area
- Permanent ROW Not Used
- Parcel Boundary
- Approximate Building Footprint
- 26" Abandoned Pipeline
- 30" Existing Pipeline
- 36" Existing Pipeline

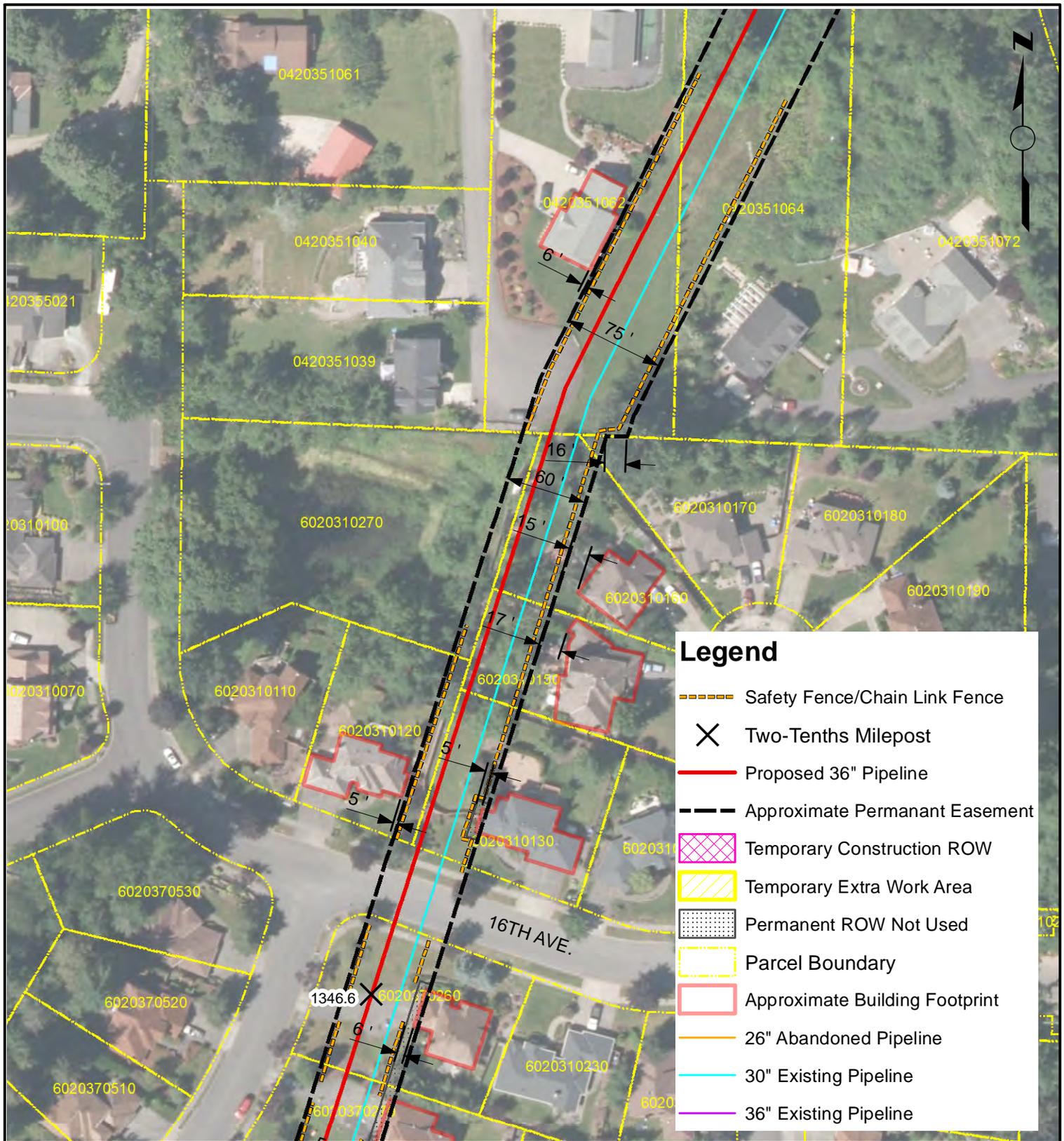
**NOTES**

NOTES:  
 1. Only structures intended for human occupancy are delineated as "residences" on these sheets. Outbuildings, garages, sheds, etc. may be present within 25-ft of the ROW and appropriate safety measures will be developed during the land acquisition and construction planning phase.  
 2. Non-residential structures within the construction workspace will be removed during construction. Removal details shall be addressed in accordance with current landowner agreements at the time of construction.

NORTHWEST PIPELINE LLC  
 WASHINGTON EXPANSION PROJECT  
 RESIDENTIAL SITE SPECIFIC MAP  
 MP 1346.54  
 T-20-N, R-4-E, S-35  
 PIERCE COUNTY, WASHINGTON



| REVISIONS |          |    |                                     |          |     |      | DRAWN BY: MC     | DATE: 5/15/13 | ISSUED FOR BID:                 | SCALE: 1" = 100' |
|-----------|----------|----|-------------------------------------|----------|-----|------|------------------|---------------|---------------------------------|------------------|
| NO.       | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK | APP. | CHECKED BY: JWD  | DATE:         | ISSUED FOR CONSTRUCTION:        |                  |
| 01        | 6/4/2013 | MC | Review Comments                     |          | KK  | WD   | APPROVED BY: JGT | DATE:         | DRAWING NUMBER: 1346.54 - 30028 | SHEET 28         |
| 02        | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD | JGT  |                  |               |                                 | OF 39            |



**NOTES**

NOTES:  
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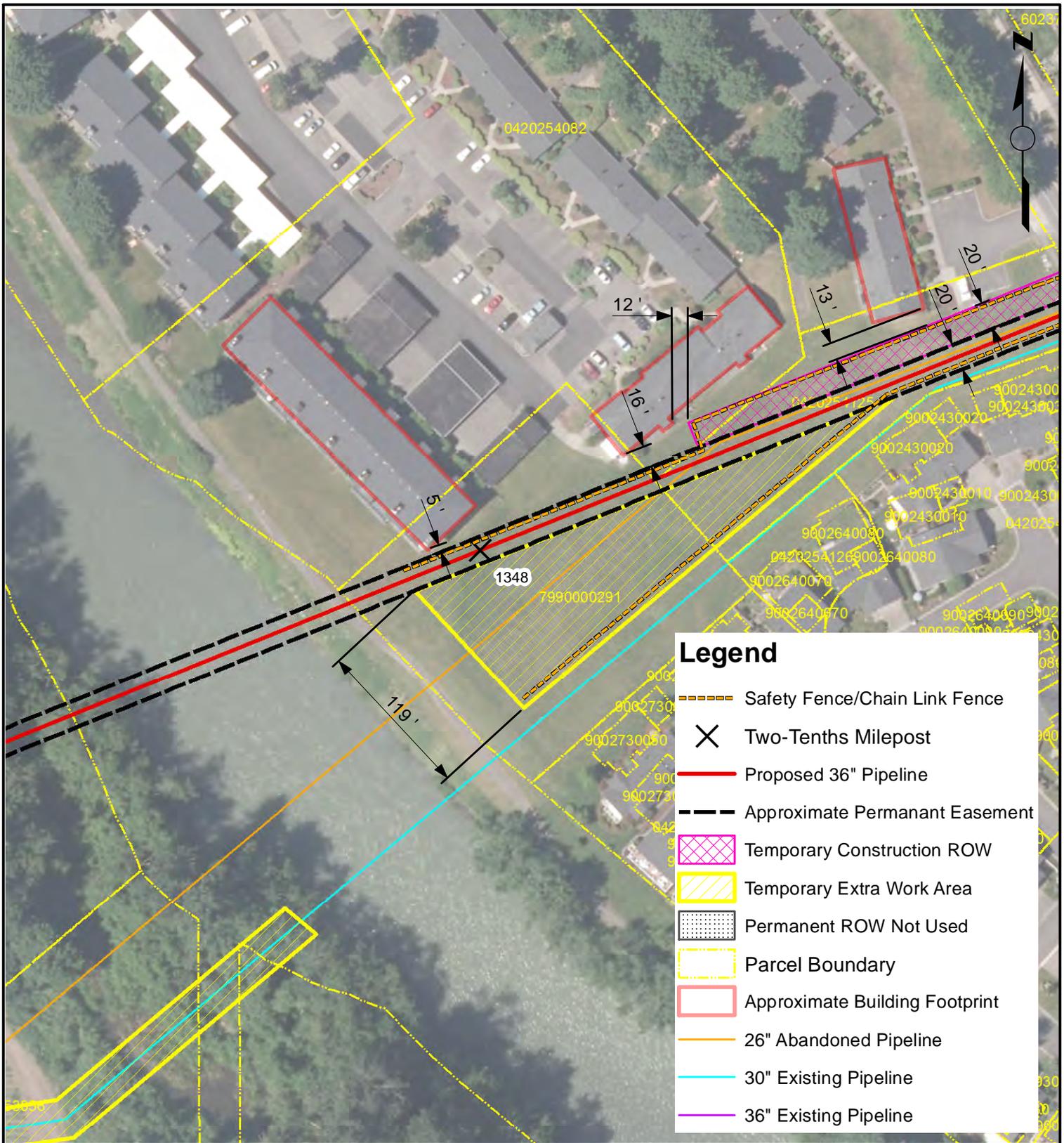
NORTHWEST PIPELINE LLC  
 WASHINGTON EXPANSION PROJECT  
 RESIDENTIAL SITE SPECIFIC MAP  
 MP 1346.66  
 T-20-N, R-4-E, S-35  
 PIERCE COUNTY, WASHINGTON



**REVISIONS**

| NO. | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK | APP. |
|-----|----------|----|-------------------------------------|----------|-----|------|
| 01  | 6/4/2013 | MC | Review Comments                     |          | KK  | WD   |
| 02  | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD | JGT  |

|                  |               |                                 |                  |
|------------------|---------------|---------------------------------|------------------|
| DRAWN BY: MC     | DATE: 5/15/13 | ISSUED FOR BID:                 | SCALE: 1" = 100' |
| CHECKED BY: JWD  | DATE:         | ISSUED FOR CONSTRUCTION:        |                  |
| APPROVED BY: JGT | DATE:         | DRAWING NUMBER: 1346.66 - 30029 | SHEET 29 OF 39   |



**NOTES**

NOTES:  
 1. Only structures intended for human occupancy are delineated as "residences" on these sheets. Outbuildings, garages, sheds, etc. may be present within 25-ft of the ROW and appropriate safety measures will be developed during the land acquisition and construction planning phase.  
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NORTHWEST PIPELINE LLC  
 WASHINGTON EXPANSION PROJECT  
 RESIDENTIAL SITE SPECIFIC MAP  
 MP 1348.01  
 T-20-N, R-4-E, S-25  
 PIERCE COUNTY, WASHINGTON

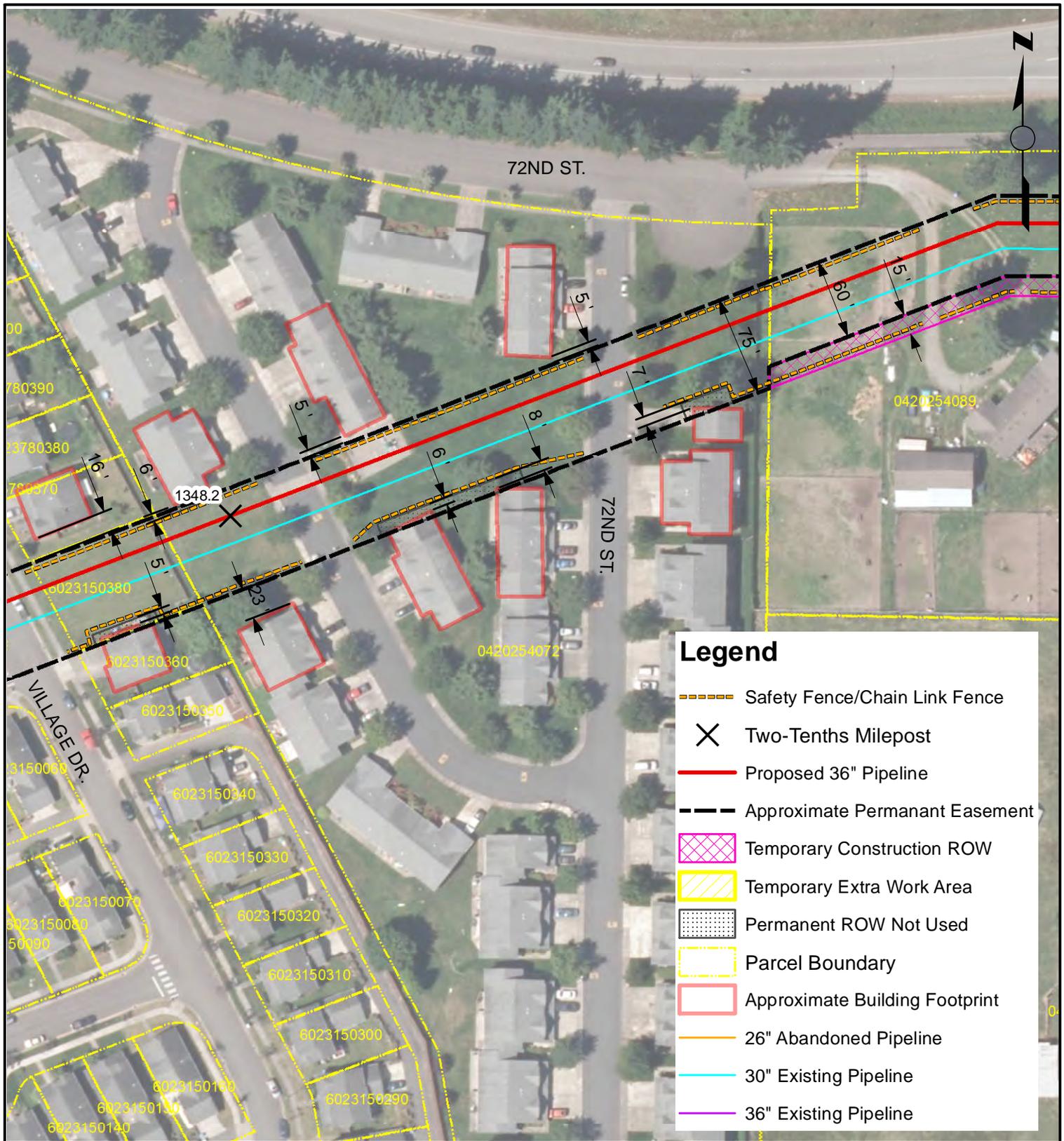


**REVISIONS**

| NO. | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK | APP. |
|-----|----------|----|-------------------------------------|----------|-----|------|
| 01  | 6/4/2013 | MC | Review Comments                     |          | KK  | WD   |
| 02  | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD | JGT  |

|                  |               |                                 |                  |
|------------------|---------------|---------------------------------|------------------|
| DRAWN BY: MC     | DATE: 5/15/13 | ISSUED FOR BID:                 | SCALE: 1" = 100' |
| CHECKED BY: JWD  | DATE:         | ISSUED FOR CONSTRUCTION:        |                  |
| APPROVED BY: JGT | DATE:         | DRAWING NUMBER: 1348.01 - 30030 | SHEET 30 OF 39   |





**NOTES**

NOTES:  
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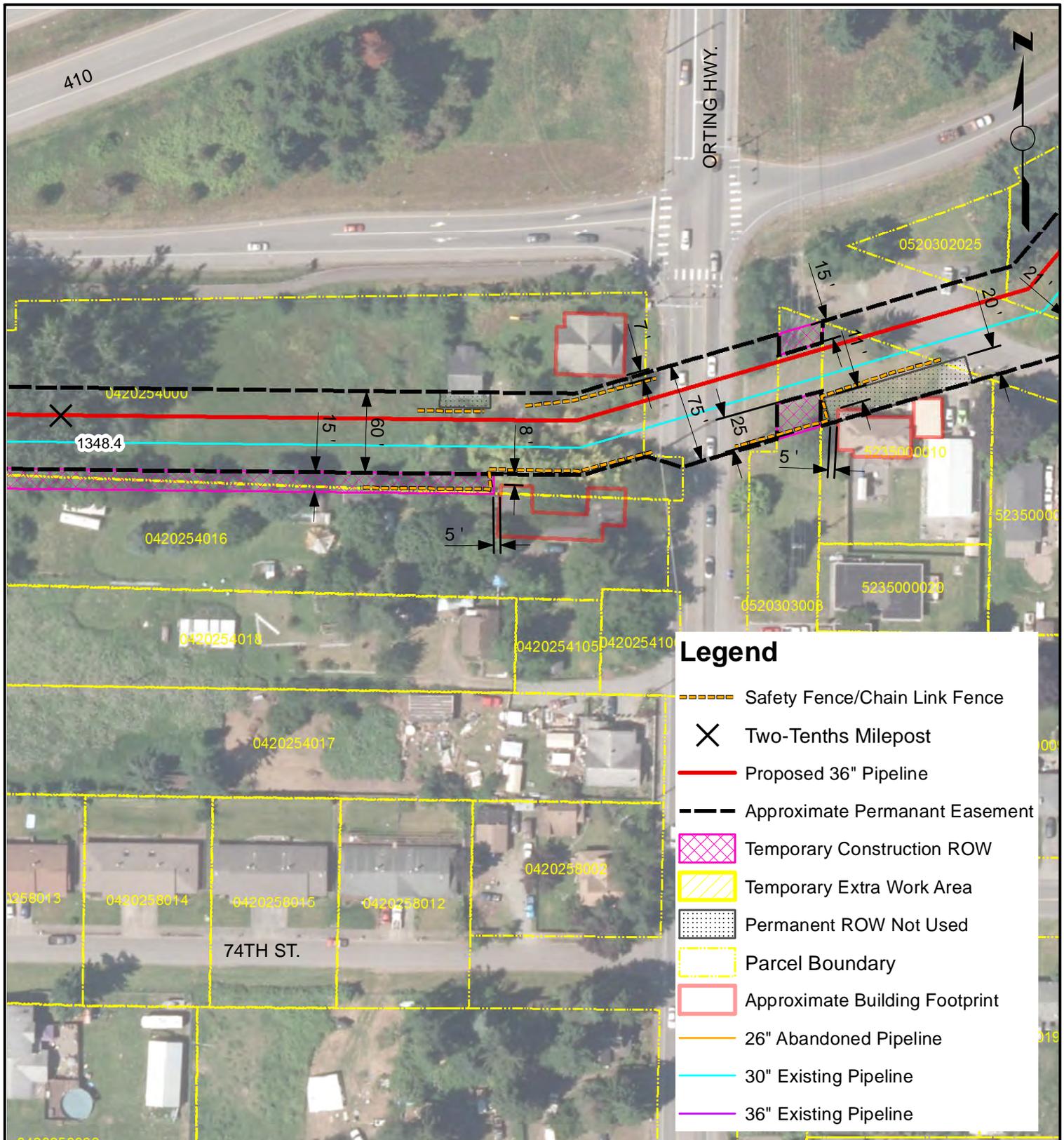
NORTHWEST PIPELINE LLC  
 WASHINGTON EXPANSION PROJECT  
 RESIDENTIAL SITE SPECIFIC MAP  
 MP 1348.24  
 T-20-N, R-4-E, S-25  
 PIERCE COUNTY, WASHINGTON



**REVISIONS**

| NO. | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK | APP. |
|-----|----------|----|-------------------------------------|----------|-----|------|
| 01  | 6/4/2013 | MC | Review Comments                     |          | KK  | WD   |
| 02  | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD | JGT  |

|                  |               |                                 |                  |
|------------------|---------------|---------------------------------|------------------|
| DRAWN BY: MC     | DATE: 5/15/13 | ISSUED FOR BID:                 | SCALE: 1" = 100' |
| CHECKED BY: JWD  | DATE:         | ISSUED FOR CONSTRUCTION:        |                  |
| APPROVED BY: JGT | DATE:         | DRAWING NUMBER: 1348.24 - 30032 | SHEET 32 OF 39   |



### Legend

- Safety Fence/Chain Link Fence
- Two-Tenths Milepost
- Proposed 36" Pipeline
- Approximate Permanant Easement
- Temporary Construction ROW
- Temporary Extra Work Area
- Permanent ROW Not Used
- Parcel Boundary
- Approximate Building Footprint
- 26" Abandoned Pipeline
- 30" Existing Pipeline
- 36" Existing Pipeline

**NOTES**

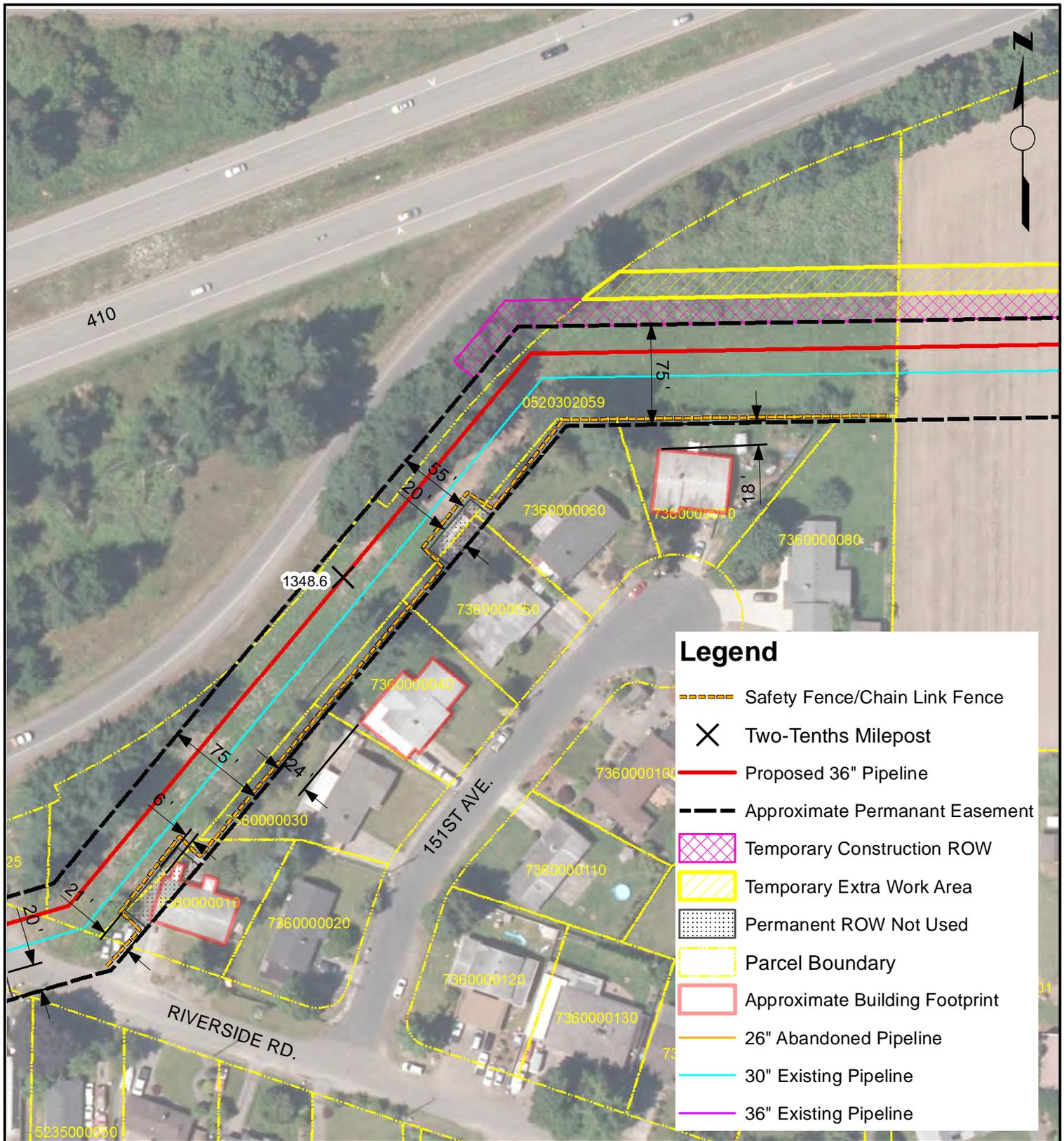
NOTES:  
 1. Only structures intended for human occupancy are delineated as "residences" on these sheets. Outbuildings, garages, sheds, etc. may be present within 25-ft of the ROW and appropriate safety measures will be developed during the land acquisition and construction planning phase.

2. Non-residential structures within the construction workspace will be removed during construction. Removal details shall be addressed in accordance with current landowner agreements at the time of construction.

**NORTHWEST PIPELINE LLC**  
**WASHINGTON EXPANSION PROJECT**  
**RESIDENTIAL SITE SPECIFIC MAP**  
**MP 1348.48**  
**T-20-N, R-4-E, S-25**  
**PIERCE COUNTY, WASHINGTON**

| REVISIONS |          |    |                                     |          |     |      |
|-----------|----------|----|-------------------------------------|----------|-----|------|
| NO.       | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK | APP. |
| 01        | 6/4/2013 | MC | Review Comments                     |          | KK  | WD   |
| 02        | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD | JGT  |

|                  |               |                                 |                  |
|------------------|---------------|---------------------------------|------------------|
| DRAWN BY: MC     | DATE: 5/15/13 | ISSUED FOR BID:                 | SCALE: 1" = 100' |
| CHECKED BY: JWD  | DATE:         | ISSUED FOR CONSTRUCTION:        |                  |
| APPROVED BY: JGT | DATE:         | DRAWING NUMBER: 1348.48 - 30033 | SHEET 33 OF 39   |



### Legend

- Safety Fence/Chain Link Fence
- × Two-Tenths Milepost
- Proposed 36" Pipeline
- Approximate Permanent Easement
- Temporary Construction ROW
- Temporary Extra Work Area
- Permanent ROW Not Used
- Parcel Boundary
- Approximate Building Footprint
- 26" Abandoned Pipeline
- 30" Existing Pipeline
- 36" Existing Pipeline

**NOTES**

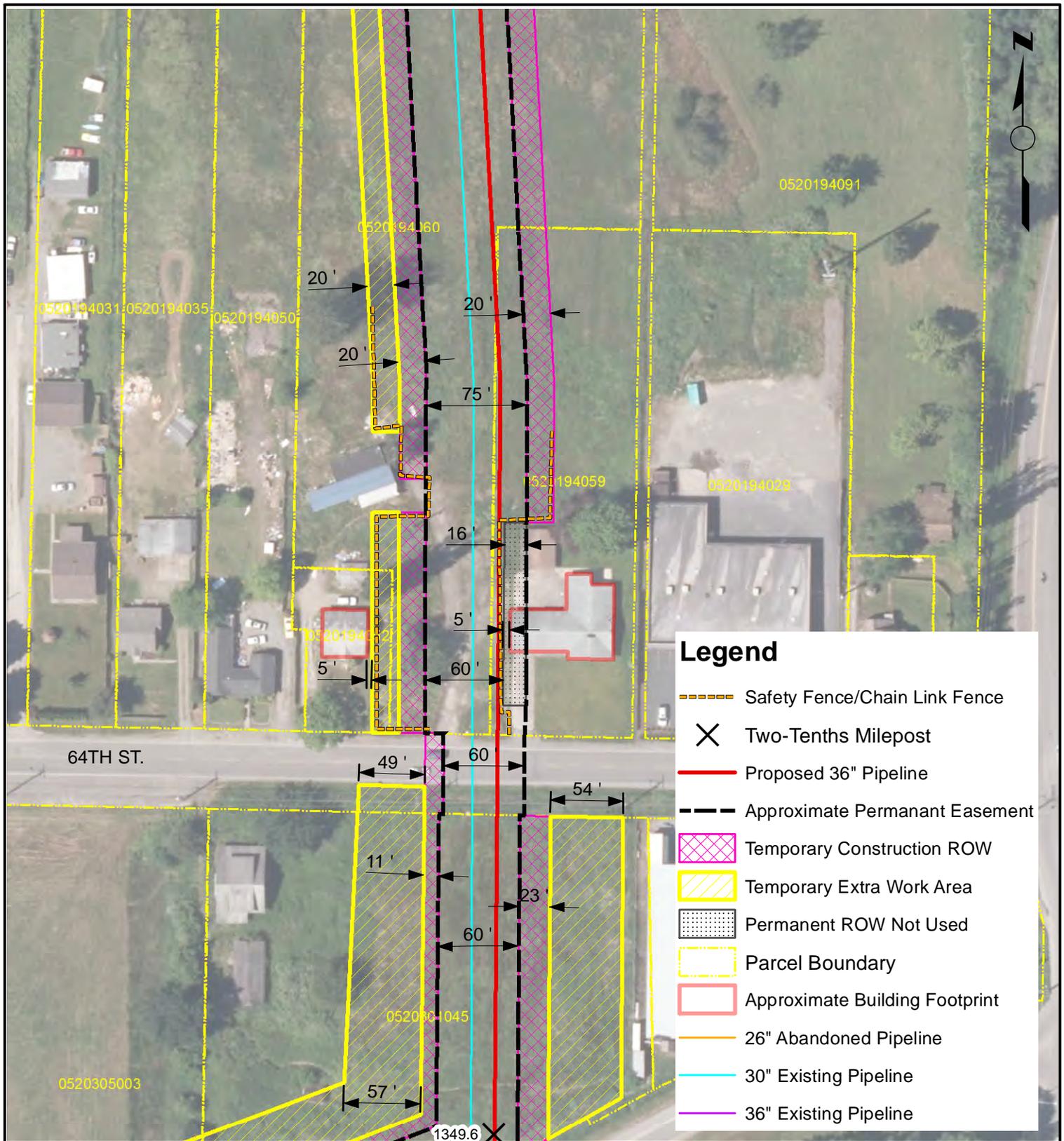
NOTES:  
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**NORTHWEST PIPELINE LLC**  
**WASHINGTON EXPANSION PROJECT**  
**RESIDENTIAL SITE SPECIFIC MAP**  
**MP 1348.61**  
**T-20-N, R-5-E, S-30**  
**PIERCE COUNTY, WASHINGTON**

| REVISIONS |          |    |                                     |          |     |      |
|-----------|----------|----|-------------------------------------|----------|-----|------|
| NO.       | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK | APP. |
| 01        | 6/4/2013 | MC | Review Comments                     |          | KK  | WD   |
| 02        | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD | JGT  |

|                  |               |                                 |                   |
|------------------|---------------|---------------------------------|-------------------|
| DRAWN BY: MC     | DATE: 5/15/13 | ISSUED FOR BID:                 | SCALE: 1" = 100'  |
| CHECKED BY: JWD  | DATE:         | ISSUED FOR CONSTRUCTION:        |                   |
| APPROVED BY: JGT | DATE:         | DRAWING NUMBER: 1348.62 - 30034 | SHEET 34<br>OF 39 |



### Legend

- Safety Fence/Chain Link Fence
- Two-Tenths Milepost
- Proposed 36" Pipeline
- Approximate Permanent Easement
- Temporary Construction ROW
- Temporary Extra Work Area
- Permanent ROW Not Used
- Parcel Boundary
- Approximate Building Footprint
- 26" Abandoned Pipeline
- 30" Existing Pipeline
- 36" Existing Pipeline

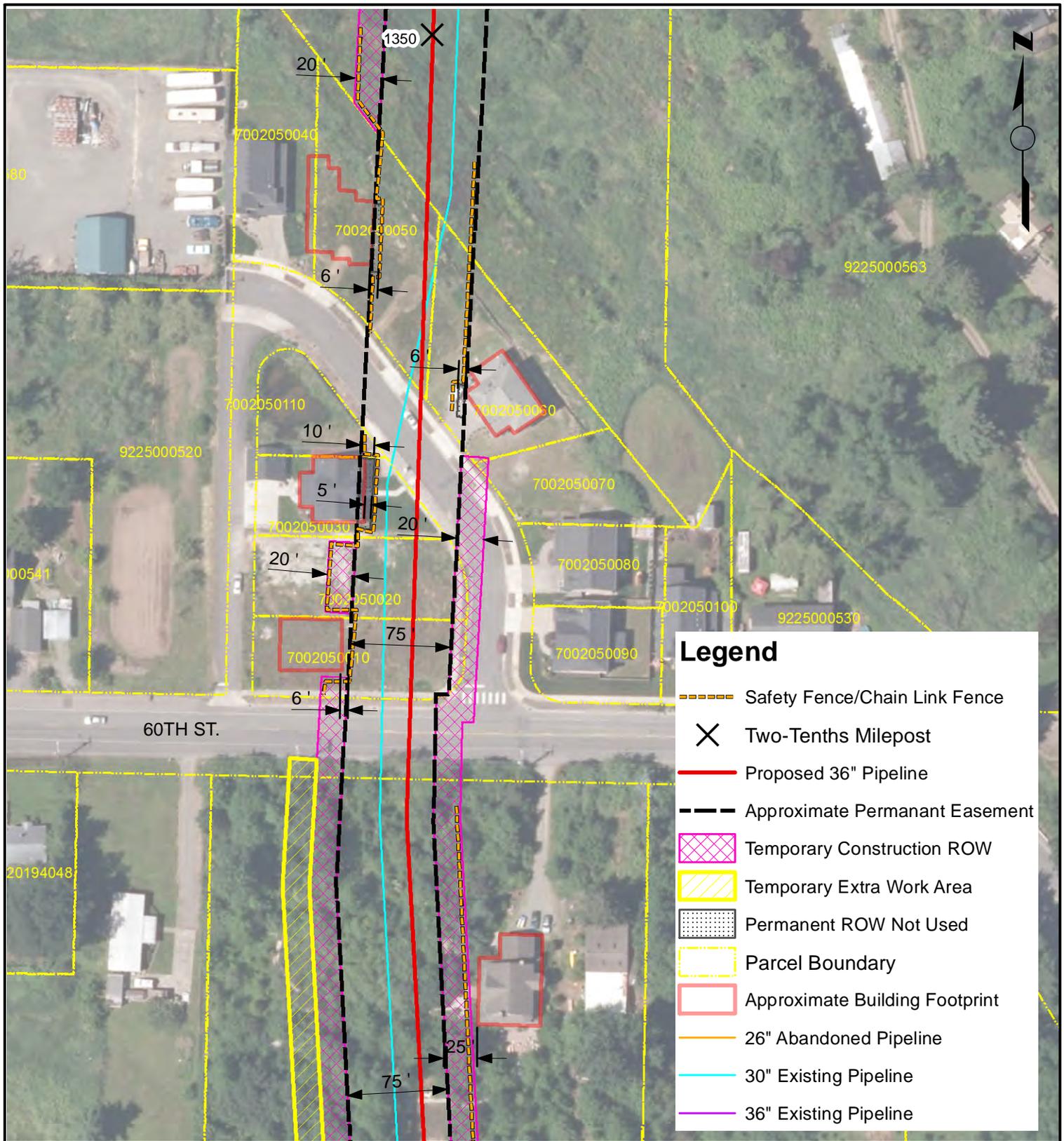
**NOTES**

NOTES:  
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NORTHWEST PIPELINE LLC  
 WASHINGTON EXPANSION PROJECT  
 RESIDENTIAL SITE SPECIFIC MAP  
 MP 1349.67  
 T-20-N, R-5-E, S-19  
 PIERCE COUNTY, WASHINGTON



| REVISIONS |          |    |                                     |          |     |      | DRAWN BY: MC     | DATE: 5/15/13 | ISSUED FOR BID:                 | SCALE: 1" = 100' |
|-----------|----------|----|-------------------------------------|----------|-----|------|------------------|---------------|---------------------------------|------------------|
| NO.       | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK | APP. | CHECKED BY: JWD  | DATE:         | ISSUED FOR CONSTRUCTION:        |                  |
| 01        | 6/4/2013 | MC | Review Comments                     |          | KK  | WD   | APPROVED BY: JGT | DATE:         | DRAWING NUMBER: 1349.67 - 30035 | SHEET 35         |
| 02        | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD | JGT  |                  |               |                                 | OF 39            |



### Legend

- Safety Fence/Chain Link Fence
- Two-Tenths Milepost
- Proposed 36" Pipeline
- Approximate Permanant Easement
- Temporary Construction ROW
- Temporary Extra Work Area
- Permanent ROW Not Used
- Parcel Boundary
- Approximate Building Footprint
- 26" Abandoned Pipeline
- 30" Existing Pipeline
- 36" Existing Pipeline

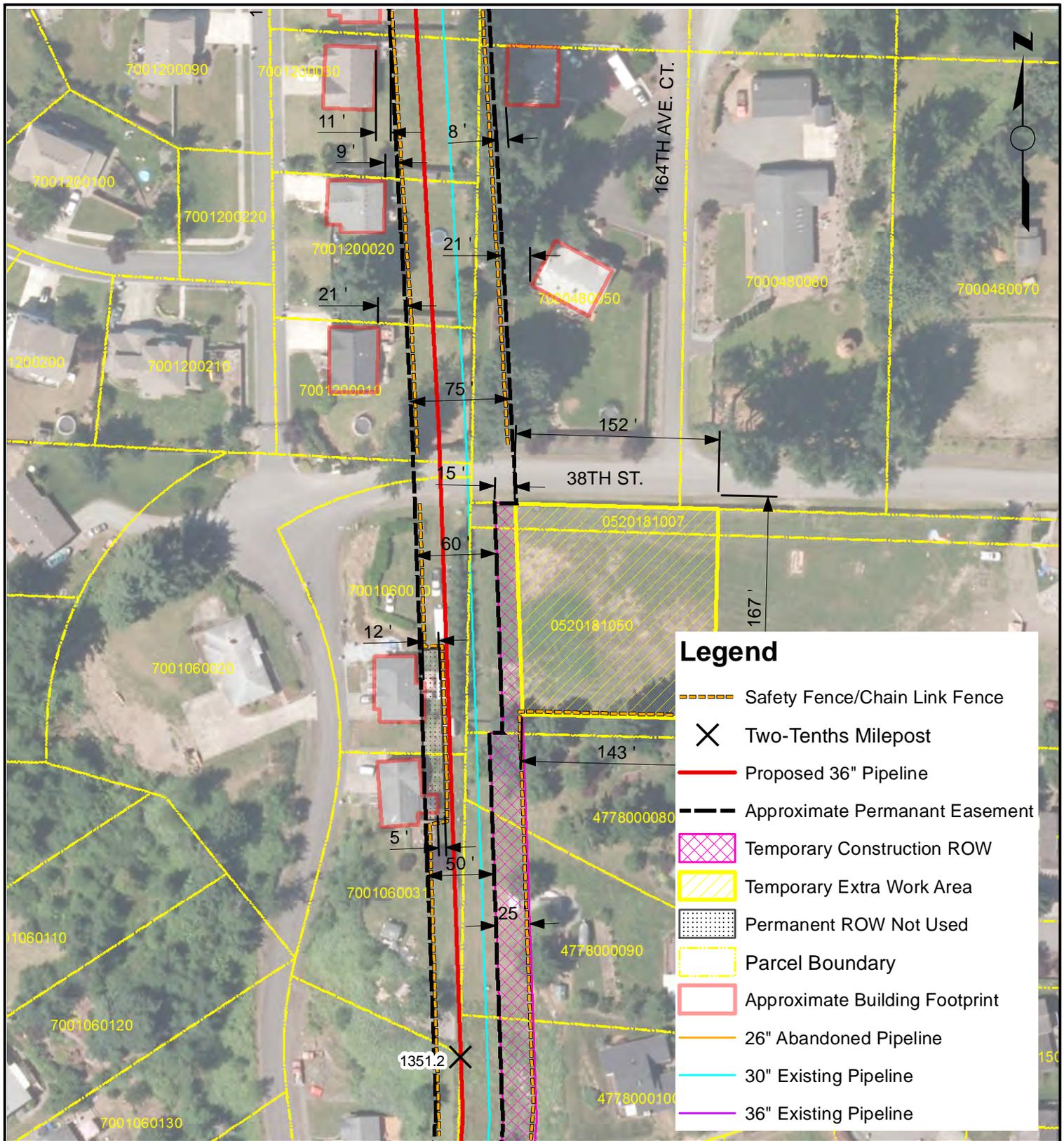
**NOTES**

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**NORTHWEST PIPELINE LLC**  
**WASHINGTON EXPANSION PROJECT**  
**RESIDENTIAL SITE SPECIFIC MAP**  
**MP 1349.89**  
**T-20-N, R-5-E, S-19**  
**PIERCE COUNTY, WASHINGTON**

| REVISIONS |          |    |                                     |          |     |      | DRAWN BY: MC     | DATE: 5/15/13 | ISSUED FOR BID:                | SCALE: 1" = 100' |
|-----------|----------|----|-------------------------------------|----------|-----|------|------------------|---------------|--------------------------------|------------------|
| NO.       | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK | APP. | CHECKED BY: JWD  | DATE:         | ISSUED FOR CONSTRUCTION:       |                  |
| 01        | 6/4/2013 | MC | Review Comments                     |          | KK  | WD   | APPROVED BY: JGT | DATE:         | DRAWING NUMBER: 1349.9 - 30036 | SHEET 36         |
| 02        | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD | JGT  |                  |               |                                | OF 39            |



### Legend

- Safety Fence/Chain Link Fence
- Two-Tenths Milepost
- Proposed 36" Pipeline
- Approximate Permanent Easement
- Temporary Construction ROW
- Temporary Extra Work Area
- Permanent ROW Not Used
- Parcel Boundary
- Approximate Building Footprint
- 26" Abandoned Pipeline
- 30" Existing Pipeline
- 36" Existing Pipeline

**NOTES**

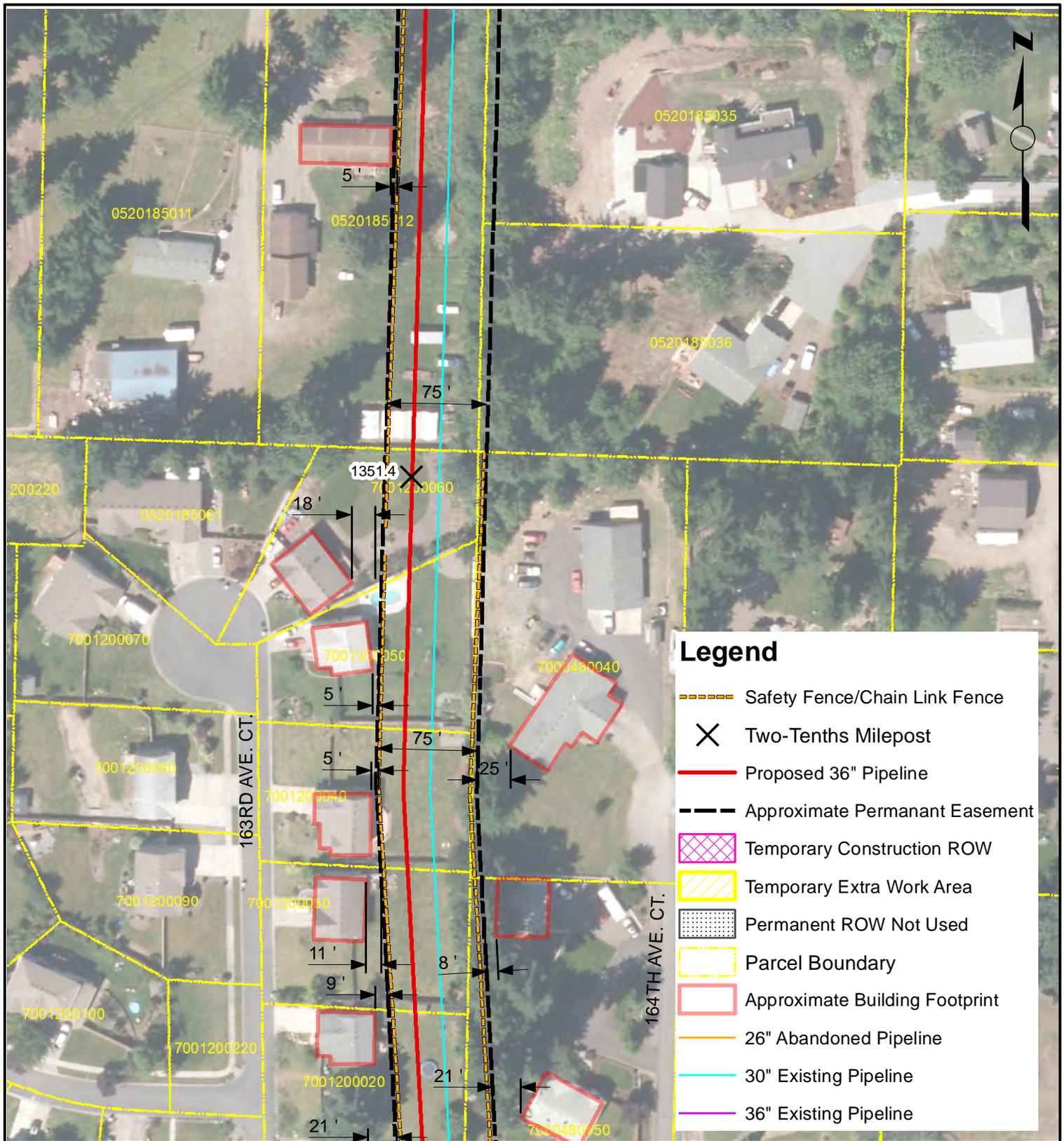
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**NORTHWEST PIPELINE LLC**  
**WASHINGTON EXPANSION PROJECT**  
**RESIDENTIAL SITE SPECIFIC MAP**  
**MP 1351.26**  
**T-20-N, R-5-E, S-18**  
**PIERCE COUNTY, WASHINGTON**

| REVISIONS |          |    |                                     |          |     |      |
|-----------|----------|----|-------------------------------------|----------|-----|------|
| NO.       | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK | APP. |
| 01        | 6/4/2013 | MC | Review Comments                     |          | KK  | WD   |
| 02        | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD | JGT  |

|                  |               |                                 |                  |
|------------------|---------------|---------------------------------|------------------|
| DRAWN BY: MC     | DATE: 5/15/13 | ISSUED FOR BID:                 | SCALE: 1" = 100' |
| CHECKED BY: JWD  | DATE:         | ISSUED FOR CONSTRUCTION:        |                  |
| APPROVED BY: JGT | DATE:         | DRAWING NUMBER: 1351.26 - 30037 | SHEET 37 OF 39   |



**Legend**

- Safety Fence/Chain Link Fence
- X Two-Tenths Milepost
- Proposed 36" Pipeline
- Approximate Permanent Easement
- Temporary Construction ROW
- Temporary Extra Work Area
- Permanent ROW Not Used
- Parcel Boundary
- Approximate Building Footprint
- 26" Abandoned Pipeline
- 30" Existing Pipeline
- 36" Existing Pipeline

**NOTES**

NOTES:  
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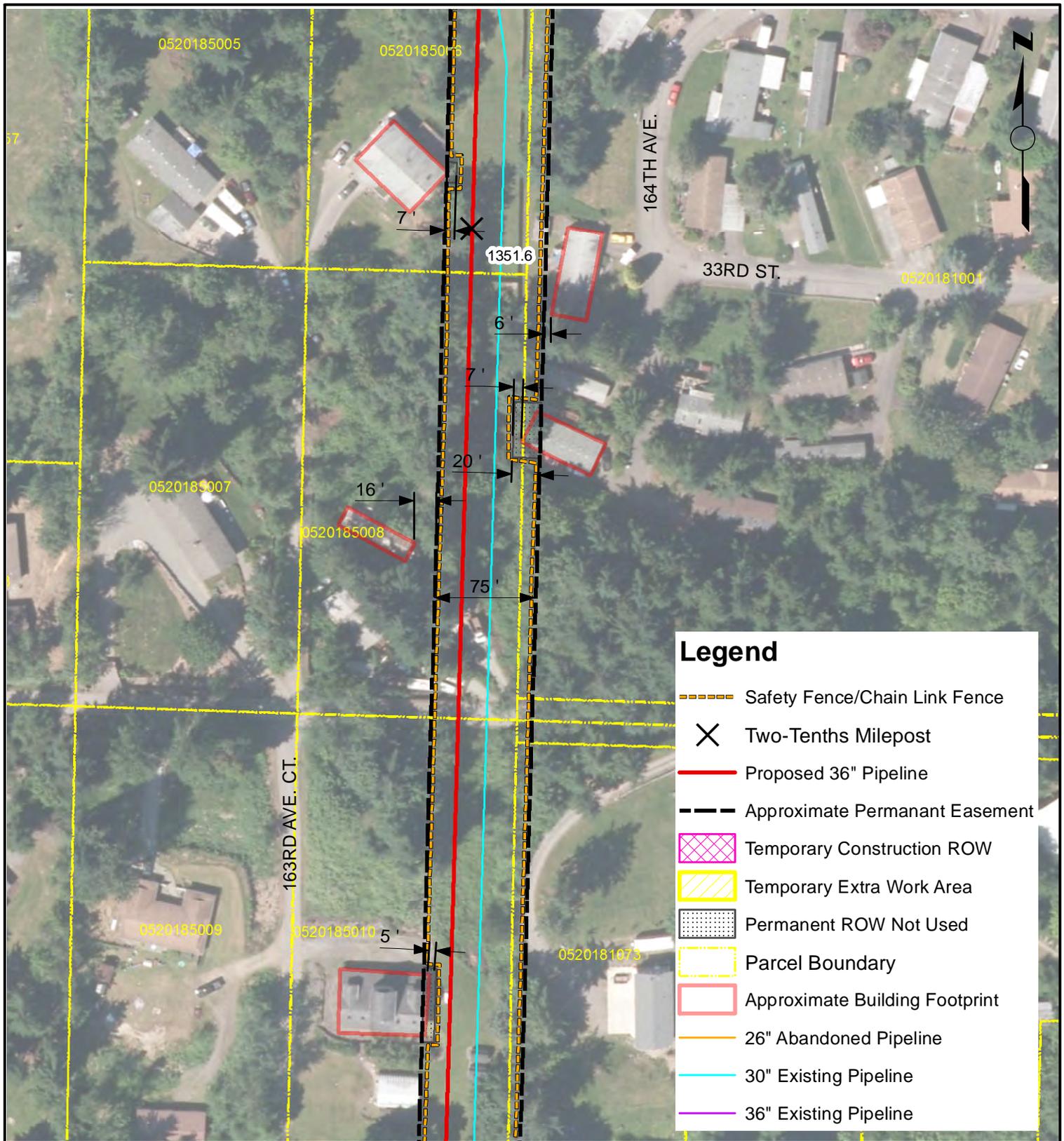
NORTHWEST PIPELINE LLC  
 WASHINGTON EXPANSION PROJECT  
 RESIDENTIAL SITE SPECIFIC MAP  
 MP 1351.38  
 T-20-N, R-5-E, S-18  
 PIERCE COUNTY, WASHINGTON



**REVISIONS**

| NO. | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK | APP. |
|-----|----------|----|-------------------------------------|----------|-----|------|
| 01  | 6/4/2013 | MC | Review Comments                     |          | KK  | WD   |
| 02  | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD | JGT  |

|                  |               |                                 |                  |
|------------------|---------------|---------------------------------|------------------|
| DRAWN BY: MC     | DATE: 5/15/13 | ISSUED FOR BID:                 | SCALE: 1" = 100' |
| CHECKED BY: JWD  | DATE:         | ISSUED FOR CONSTRUCTION:        |                  |
| APPROVED BY: JGT | DATE:         | DRAWING NUMBER: 1351.38 - 30038 | SHEET 38 OF 39   |



**NOTES**

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NORTHWEST PIPELINE LLC  
 WASHINGTON EXPANSION PROJECT  
 RESIDENTIAL SITE SPECIFIC MAP  
 MP 1351.54  
 T-20-N, R-5-E, S-18  
 PIERCE COUNTY, WASHINGTON



**REVISIONS**

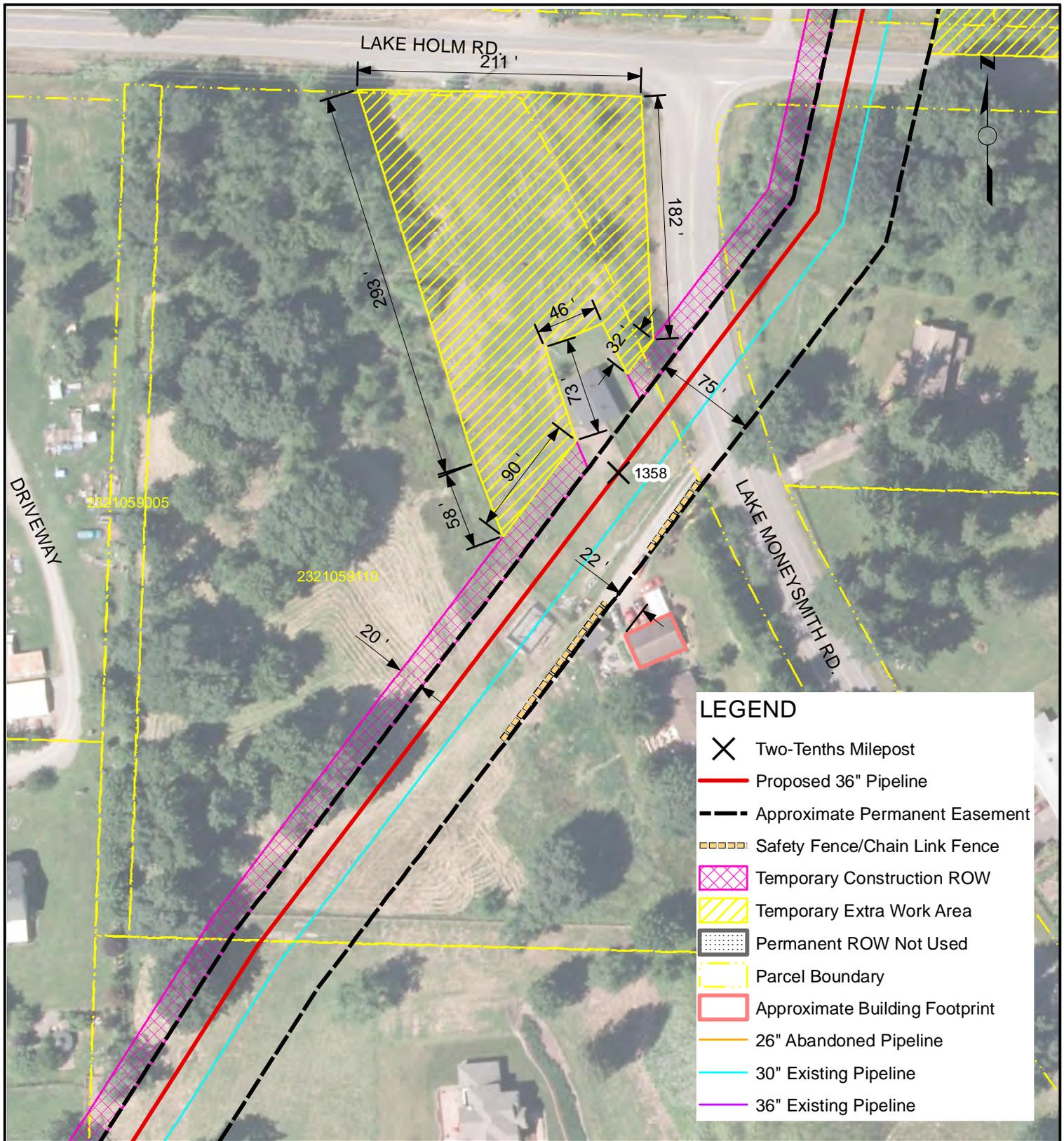
| NO. | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK | APP. |
|-----|----------|----|-------------------------------------|----------|-----|------|
| 01  | 6/4/2013 | MC | Review Comments                     |          | KK  | WD   |
| 02  | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD | JGT  |

|                  |               |                                 |                  |
|------------------|---------------|---------------------------------|------------------|
| DRAWN BY: MC     | DATE: 5/15/13 | ISSUED FOR BID:                 | SCALE: 1" = 100' |
| CHECKED BY: JWD  | DATE:         | ISSUED FOR CONSTRUCTION:        |                  |
| APPROVED BY: JGT | DATE:         | DRAWING NUMBER: 1351.55 - 30039 | SHEET 39 OF 39   |



# Sumner North “A” Loop





**LEGEND**

- ✕ Two-Tenths Milepost
- Proposed 36" Pipeline
- - - Approximate Permanent Easement
- ▤ Safety Fence/Chain Link Fence
- ▨ Temporary Construction ROW
- ▧ Temporary Extra Work Area
- ▩ Permanent ROW Not Used
- ▭ Parcel Boundary
- ▭ Approximate Building Footprint
- 26" Abandoned Pipeline
- 30" Existing Pipeline
- 36" Existing Pipeline

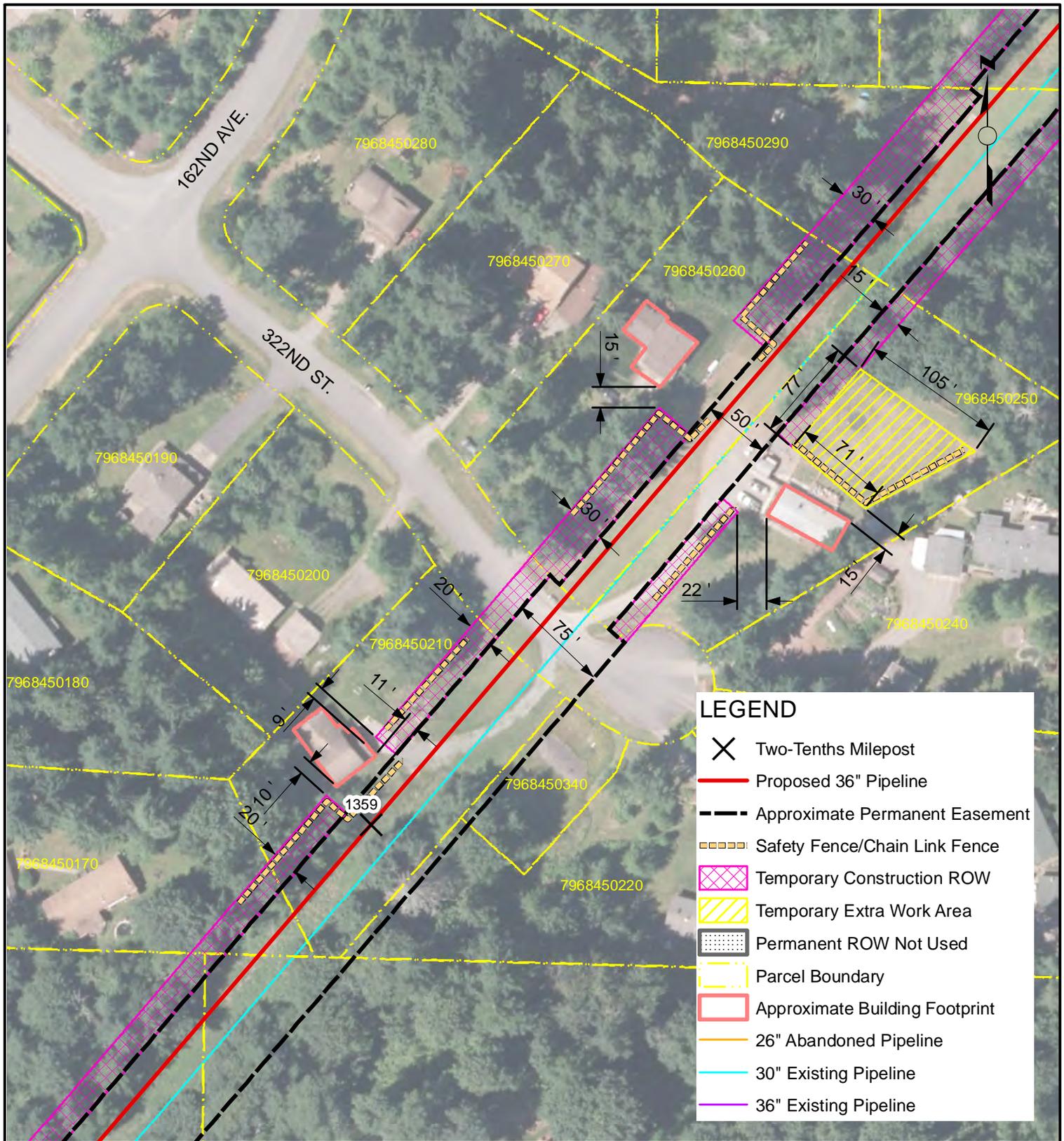
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**NORTHWEST PIPELINE LLC**  
**WASHINGTON EXPANSION PROJECT**  
**RESIDENTIAL SITE SPECIFIC MAP**  
**MP 1357.98**  
**T-21-N, R-5-E, S-23**  
**KING COUNTY, WASHINGTON**

| REVISIONS |          |    |                                     |          |     |      | DRAWN BY: EKA    | DATE: 5/15/13 | ISSUED FOR BID:                | SCALE: 1" = 100' |
|-----------|----------|----|-------------------------------------|----------|-----|------|------------------|---------------|--------------------------------|------------------|
| NO.       | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK | APP. | CHECKED BY: JWD  | DATE:         | ISSUED FOR CONSTRUCTION:       |                  |
| 01        | 6/4/2013 | EA | REVIEW COMMENTS                     |          | KK  | WD   | APPROVED BY: JGT | DATE:         | DRAWING NUMBER: 1357.97 - 4001 | SHEET 1          |
| 02        | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD | JGT  |                  |               |                                | OF 16            |



**LEGEND**

- X Two-Tenths Milepost
- Proposed 36" Pipeline
- - - Approximate Permanent Easement
- - - Safety Fence/Chain Link Fence
- Temporary Construction ROW
- Temporary Extra Work Area
- Permanent ROW Not Used
- Parcel Boundary
- Approximate Building Footprint
- 26" Abandoned Pipeline
- 30" Existing Pipeline
- 36" Existing Pipeline

**NOTES**

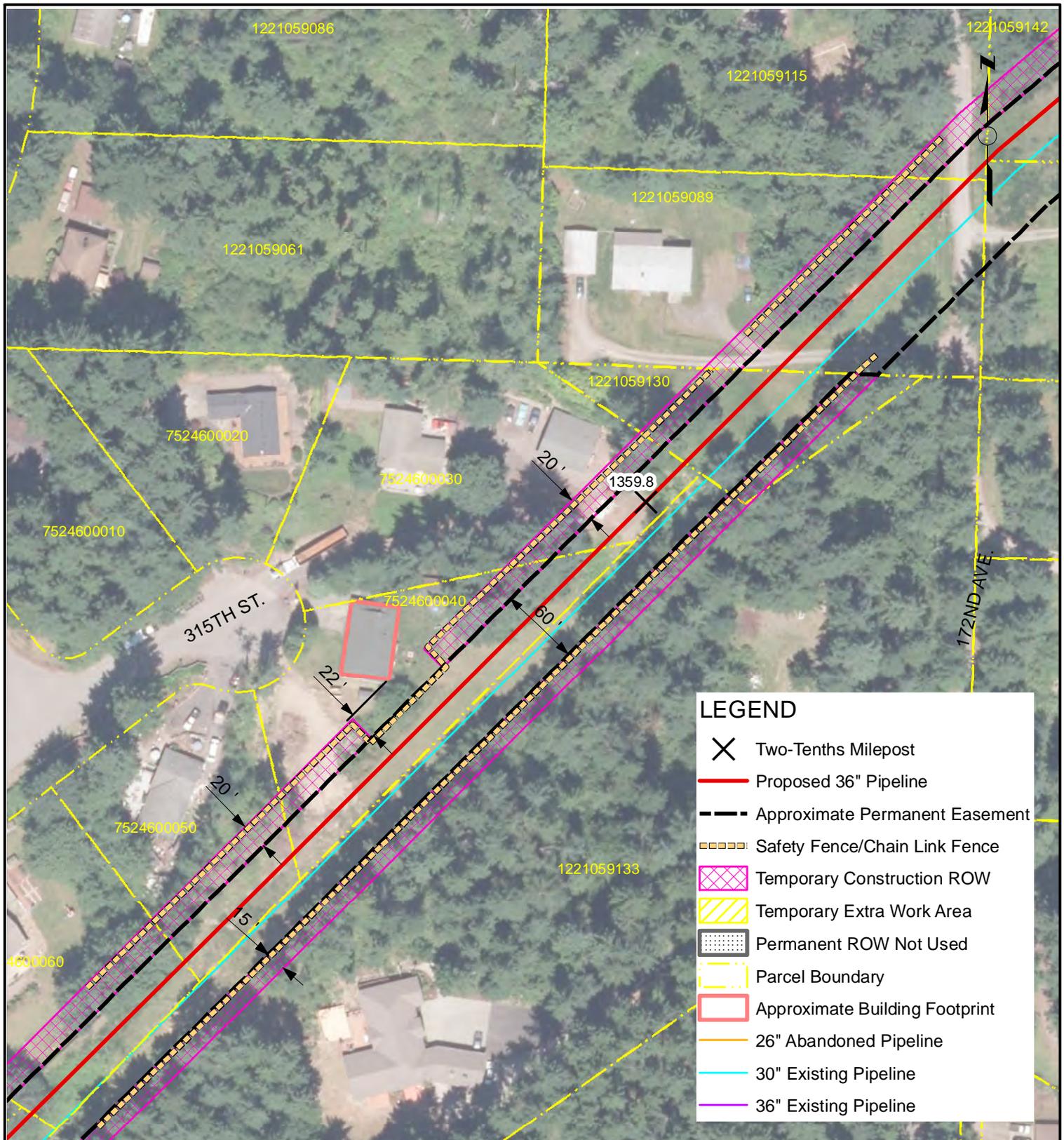
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**NORTHWEST PIPELINE LLC**  
**WASHINGTON EXPANSION PROJECT**  
**RESIDENTIAL SITE SPECIFIC MAP**  
**MP 1359.04**  
**T-21-N, R-5-E, S-14**  
**KING COUNTY, WASHINGTON**

| REVISIONS |          |    |                                     |          |     |      |
|-----------|----------|----|-------------------------------------|----------|-----|------|
| NO.       | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK | APP. |
| 01        | 6/4/2013 | EA | REVIEW COMMENTS                     |          | KK  | WD   |
| 02        | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD | JGT  |

|                  |               |                                |                  |
|------------------|---------------|--------------------------------|------------------|
| DRAWN BY: EKA    | DATE: 5/15/13 | ISSUED FOR BID:                | SCALE: 1" = 100' |
| CHECKED BY: JWD  | DATE:         | ISSUED FOR CONSTRUCTION:       |                  |
| APPROVED BY: JGT | DATE:         | DRAWING NUMBER: 1359.04 - 4002 | SHEET 2 OF 16    |



**LEGEND**

- X Two-Tenths Milepost
- Proposed 36" Pipeline
- - - Approximate Permanent Easement
- - - Safety Fence/Chain Link Fence
- Temporary Construction ROW
- Temporary Extra Work Area
- Permanent ROW Not Used
- Parcel Boundary
- Approximate Building Footprint
- 26" Abandoned Pipeline
- 30" Existing Pipeline
- 36" Existing Pipeline

**NOTES**

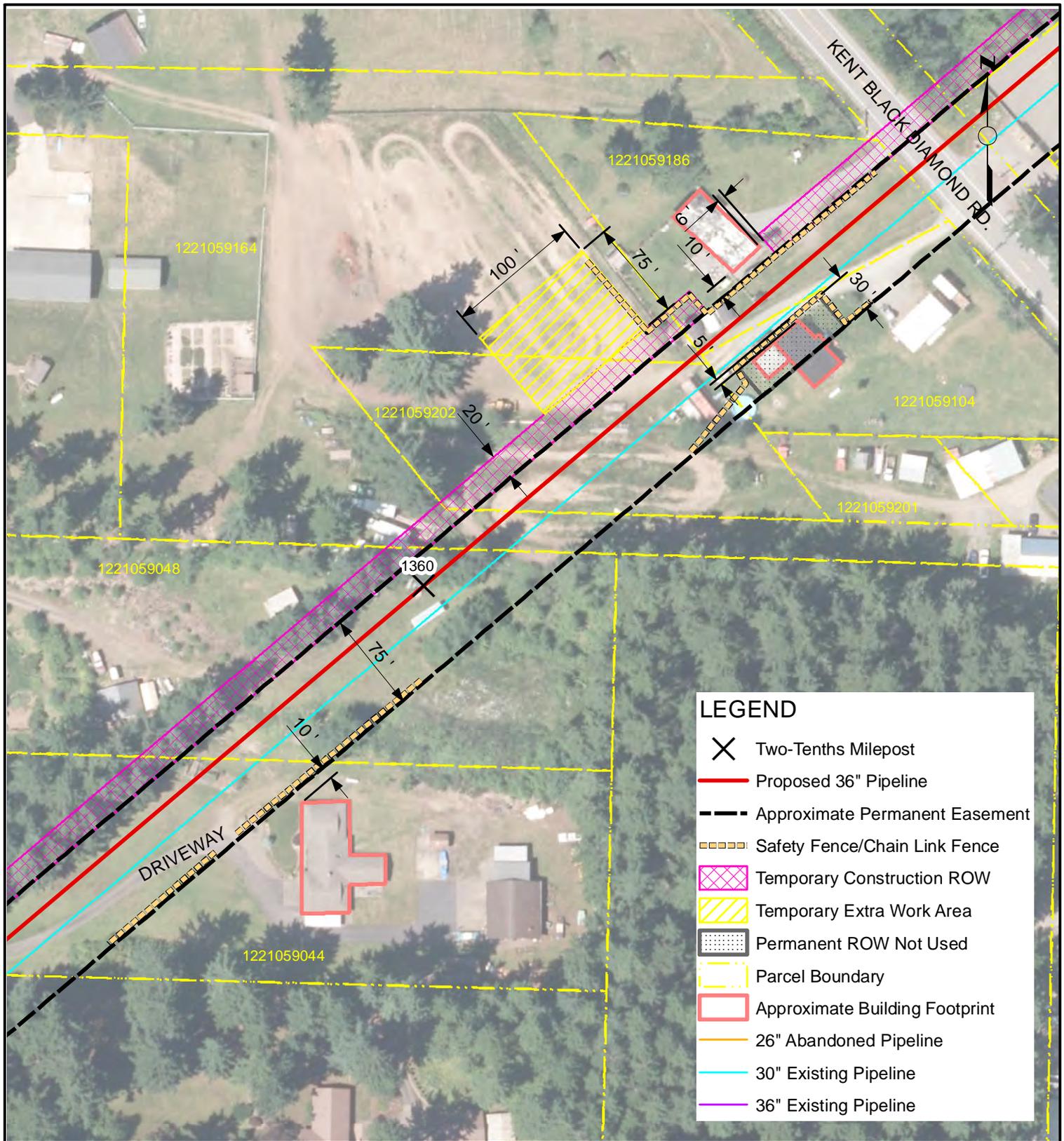
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**NORTHWEST PIPELINE LLC**  
**WASHINGTON EXPANSION PROJECT**  
**RESIDENTIAL SITE SPECIFIC MAP**  
**MP 1359.78**  
**T-21-N, R-5-E, S-12**  
**KING COUNTY, WASHINGTON**

| REVISIONS |          |    |                                     |          |     |      |
|-----------|----------|----|-------------------------------------|----------|-----|------|
| NO.       | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK | APP. |
| 01        | 6/4/2013 | EA | REVIEW COMMENTS                     |          | KK  | WD   |
| 02        | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD | JGT  |

|                  |               |                                |                  |
|------------------|---------------|--------------------------------|------------------|
| DRAWN BY: EKA    | DATE: 5/15/13 | ISSUED FOR BID:                | SCALE: 1" = 100' |
| CHECKED BY: JWD  | DATE:         | ISSUED FOR CONSTRUCTION:       |                  |
| APPROVED BY: JGT | DATE:         | DRAWING NUMBER: 1359.78 - 4003 | SHEET 3 OF 16    |



### LEGEND

- Two-Tenths Milepost
- Proposed 36" Pipeline
- Approximate Permanent Easement
- Safety Fence/Chain Link Fence
- Temporary Construction ROW
- Temporary Extra Work Area
- Permanent ROW Not Used
- Parcel Boundary
- Approximate Building Footprint
- 26" Abandoned Pipeline
- 30" Existing Pipeline
- 36" Existing Pipeline

**NOTES**

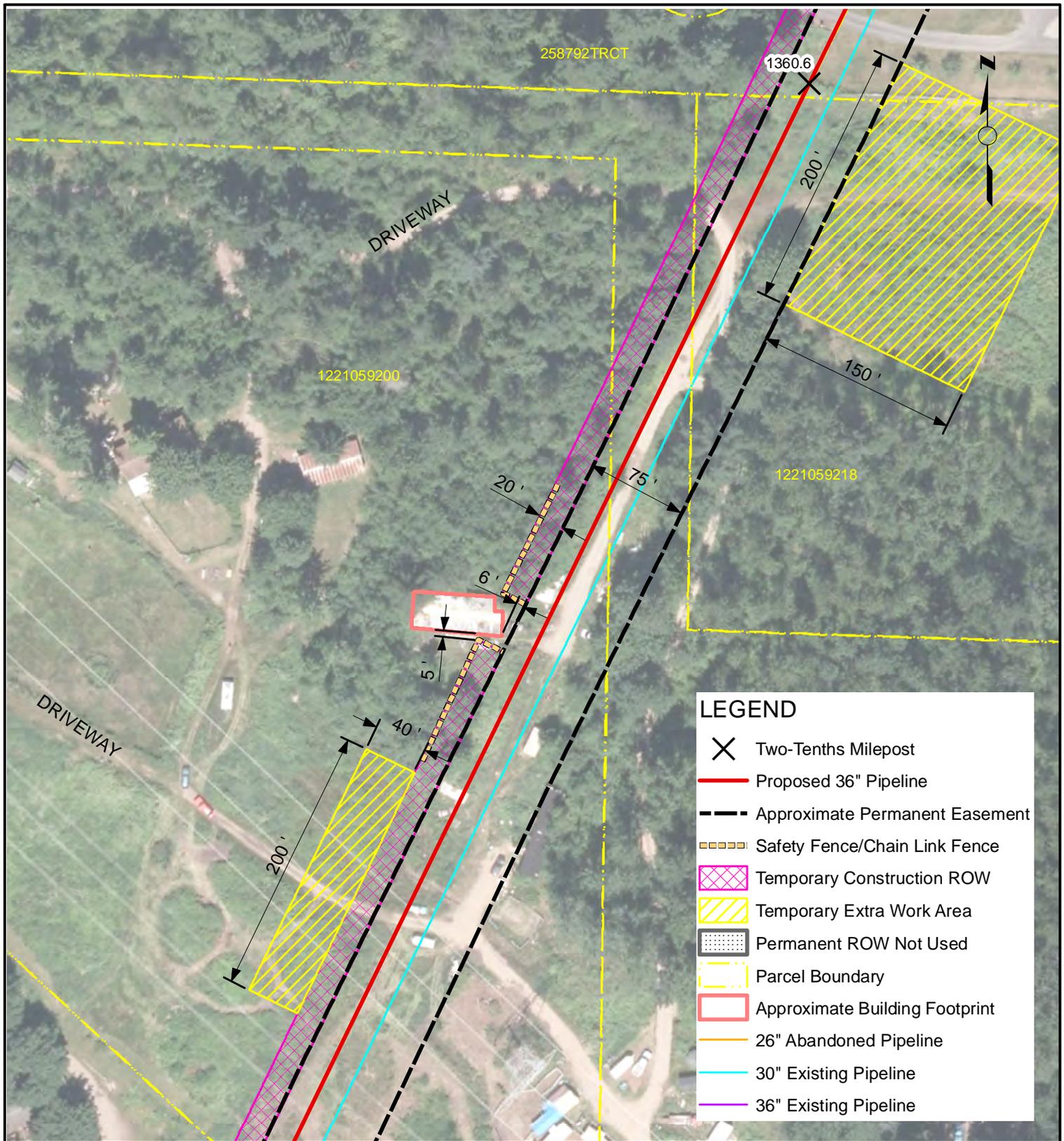
NOTES:  
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**NORTHWEST PIPELINE LLC**  
**WASHINGTON EXPANSION PROJECT**  
**RESIDENTIAL SITE SPECIFIC MAP**  
**MP 1360.01**  
**T-21-N, R-5-E, S-12**  
**KING COUNTY, WASHINGTON**

| REVISIONS |          |    |                                     |          |     |      |
|-----------|----------|----|-------------------------------------|----------|-----|------|
| NO.       | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK | APP. |
| 01        | 6/4/2013 | EA | REVIEW COMMENTS                     |          | KK  | WD   |
| 02        | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD | JGT  |

|                  |               |                                |                  |
|------------------|---------------|--------------------------------|------------------|
| DRAWN BY: EKA    | DATE: 5/15/13 | ISSUED FOR BID:                | SCALE: 1" = 100' |
| CHECKED BY: JWD  | DATE:         | ISSUED FOR CONSTRUCTION:       |                  |
| APPROVED BY: JGT | DATE:         | DRAWING NUMBER: 1360.01 - 4004 | SHEET 4 OF 16    |



**LEGEND**

- X Two-Tenths Milepost
- Proposed 36" Pipeline
- - - Approximate Permanent Easement
- Safety Fence/Chain Link Fence
- ▨ Temporary Construction ROW
- ▧ Temporary Extra Work Area
- ▩ Permanent ROW Not Used
- - - Parcel Boundary
- Approximate Building Footprint
- 26" Abandoned Pipeline
- 30" Existing Pipeline
- 36" Existing Pipeline

**NOTES**

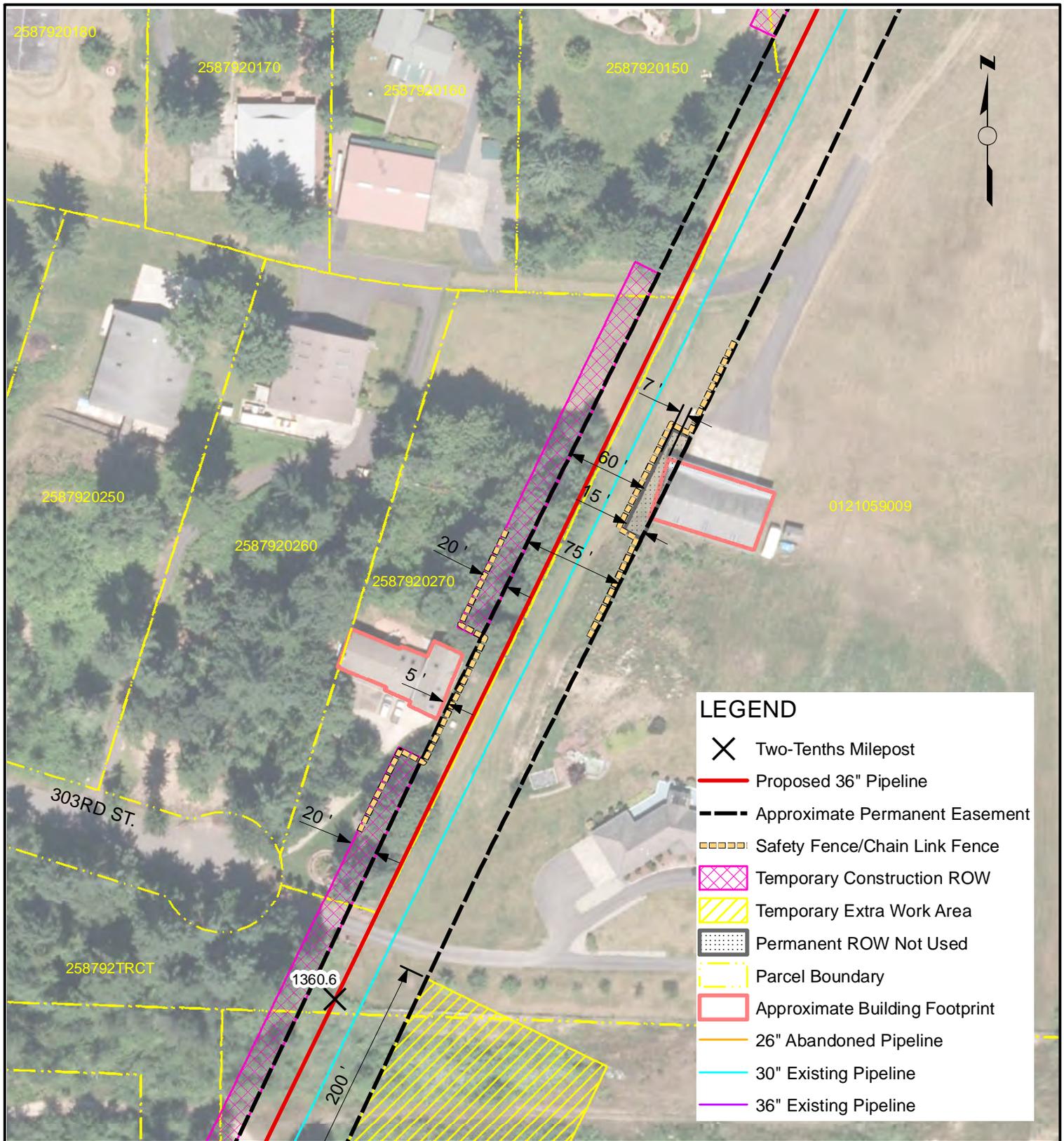
NOTES:  
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**NORTHWEST PIPELINE LLC**  
**WASHINGTON EXPANSION PROJECT**  
**RESIDENTIAL SITE SPECIFIC MAP**  
**MP 1360.51**  
**T-21-N, R-5-E, S-12**  
**KING COUNTY, WASHINGTON**

| REVISIONS |          |    |                                     |          |     |      |
|-----------|----------|----|-------------------------------------|----------|-----|------|
| NO.       | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK | APP. |
| 01        | 6/4/2013 | EA | REVIEW COMMENTS                     |          | KK  | WD   |
| 02        | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD | JGT  |

|                  |               |                                |                  |
|------------------|---------------|--------------------------------|------------------|
| DRAWN BY: EKA    | DATE: 5/15/13 | ISSUED FOR BID:                | SCALE: 1" = 100' |
| CHECKED BY: JWD  | DATE:         | ISSUED FOR CONSTRUCTION:       |                  |
| APPROVED BY: JGT | DATE:         | DRAWING NUMBER: 1360.51 - 4005 | SHEET 5 OF 16    |



**LEGEND**

- ✕ Two-Tenths Milepost
- Proposed 36" Pipeline
- - - Approximate Permanent Easement
- ▤ Safety Fence/Chain Link Fence
- ▨ Temporary Construction ROW
- ▧ Temporary Extra Work Area
- ▩ Permanent ROW Not Used
- - - Parcel Boundary
- ▭ Approximate Building Footprint
- 26" Abandoned Pipeline
- 30" Existing Pipeline
- 36" Existing Pipeline

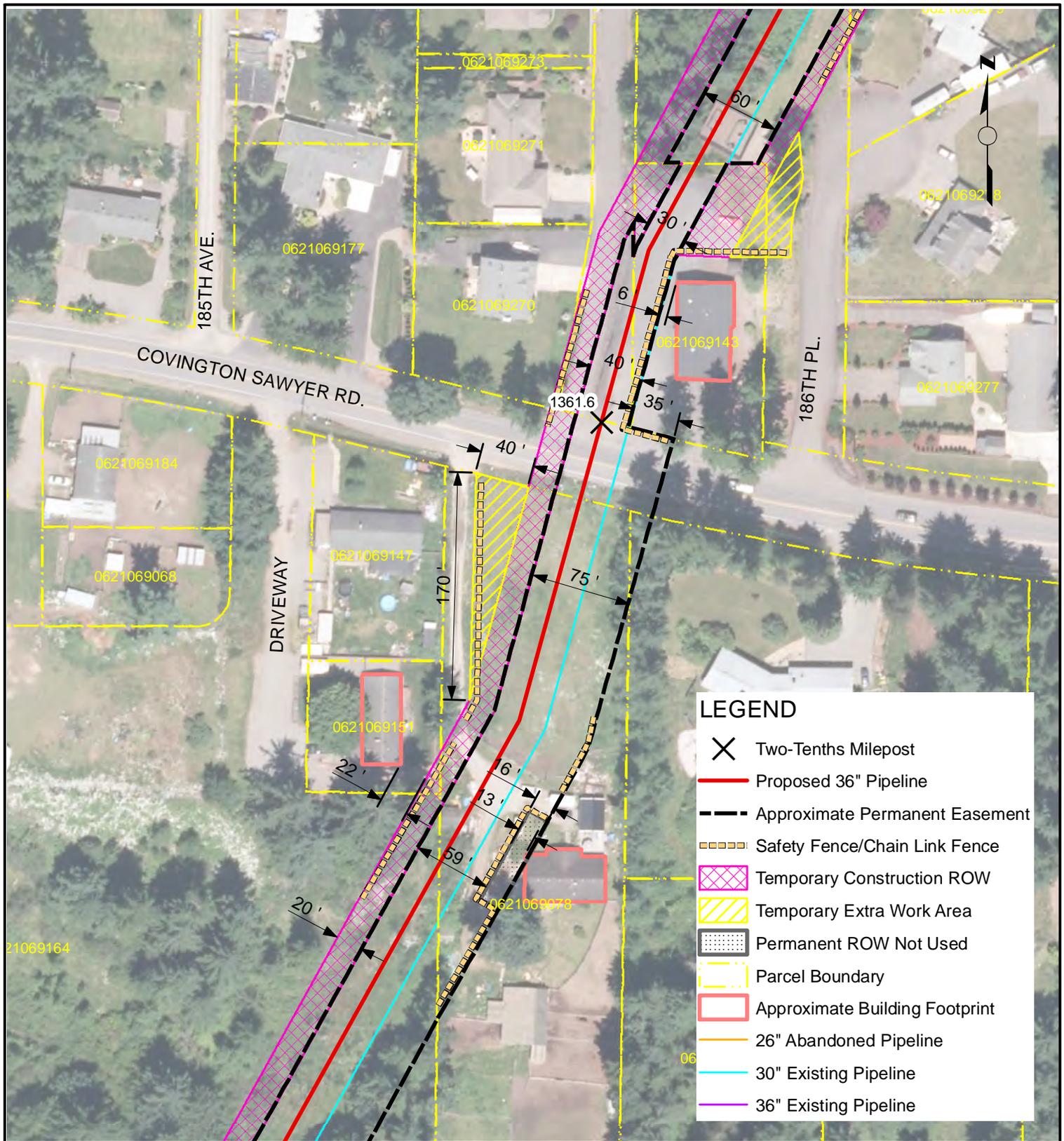
**NOTES**

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**NORTHWEST PIPELINE LLC**  
**WASHINGTON EXPANSION PROJECT**  
**RESIDENTIAL SITE SPECIFIC MAP**  
**MP 1360.67**  
**T-21-N, R-5-E, S-1**  
**KING COUNTY, WASHINGTON**

| REVISIONS |          |    |                                     |          |     | DRAWN BY: EKA | DATE: 5/15/13    | ISSUED FOR BID: | SCALE: 1" = 100'               |
|-----------|----------|----|-------------------------------------|----------|-----|---------------|------------------|-----------------|--------------------------------|
| NO.       | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK | APP.          | CHECKED BY: JWD  | DATE:           | ISSUED FOR CONSTRUCTION:       |
| 01        | 6/4/2013 | EA | REVIEW COMMENTS                     |          | KK  | WD            | APPROVED BY: JGT | DATE:           | DRAWING NUMBER: 1360.67 - 4006 |
| 02        | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD | JGT           |                  |                 | SHEET 6 OF 16                  |



**LEGEND**

- ✕ Two-Tenths Milepost
- Proposed 36" Pipeline
- - - Approximate Permanent Easement
- ▤ Safety Fence/Chain Link Fence
- ▨ Temporary Construction ROW
- ▧ Temporary Extra Work Area
- ▩ Permanent ROW Not Used
- ▭ Parcel Boundary
- ▭ Approximate Building Footprint
- 26" Abandoned Pipeline
- 30" Existing Pipeline
- 36" Existing Pipeline

**NOTES**

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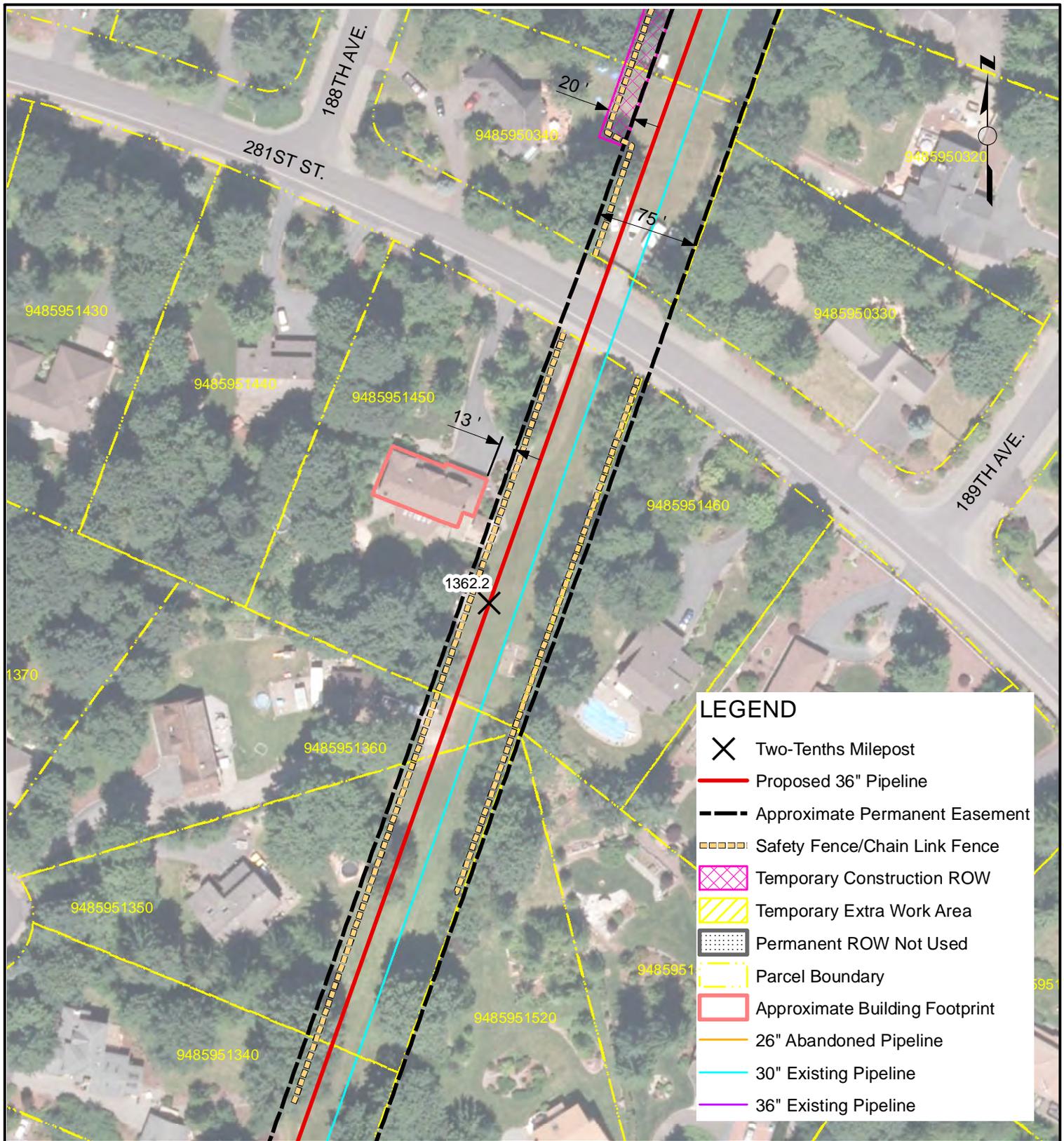
NORTHWEST PIPELINE LLC  
 WASHINGTON EXPANSION PROJECT  
 RESIDENTIAL SITE SPECIFIC MAP  
 MP 1361.58  
 T-21-N, R-6-E, S-6  
 KING COUNTY, WASHINGTON



**REVISIONS**

| NO. | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK | APP. |
|-----|----------|----|-------------------------------------|----------|-----|------|
| 01  | 6/4/2013 | EA | REVIEW COMMENTS                     |          | KK  | WD   |
| 02  | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD | JGT  |

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|------------------|---------------|--------------------------------|------------------|
| DRAWN BY: EKA    | DATE: 5/15/13 | ISSUED FOR BID:                | SCALE: 1" = 100' |
| CHECKED BY: JWD  | DATE:         | ISSUED FOR CONSTRUCTION:       |                  |
| APPROVED BY: JGT | DATE:         | DRAWING NUMBER: 1361.57 - 4007 | SHEET 7 OF 16    |



**LEGEND**

- ✕ Two-Tenths Milepost
- Proposed 36" Pipeline
- - - Approximate Permanent Easement
- ▤ Safety Fence/Chain Link Fence
- ▨ Temporary Construction ROW
- ▧ Temporary Extra Work Area
- ▩ Permanent ROW Not Used
- - - Parcel Boundary
- ▭ Approximate Building Footprint
- 26" Abandoned Pipeline
- 30" Existing Pipeline
- 36" Existing Pipeline

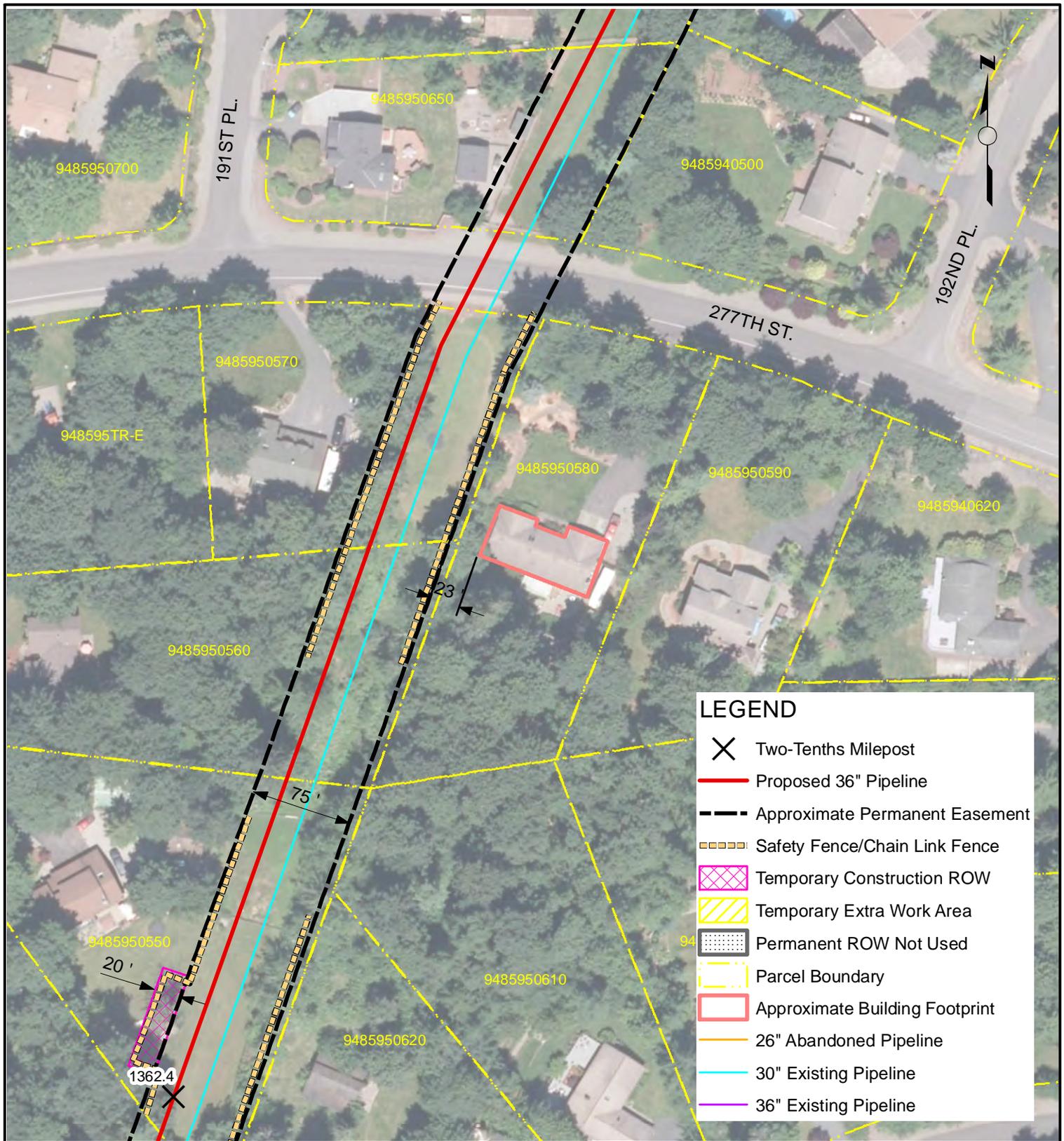
**NOTES**

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**NORTHWEST PIPELINE LLC**  
**WASHINGTON EXPANSION PROJECT**  
**RESIDENTIAL SITE SPECIFIC MAP**  
**MP 1362.2**  
**T-22-N, R-6-E, S-31**  
**KING COUNTY, WASHINGTON**

| REVISIONS |          |    |                                     |          |     |      | DRAWN BY: EKA    | DATE: 5/15/13 | ISSUED FOR BID:                | SCALE: 1" = 100' |
|-----------|----------|----|-------------------------------------|----------|-----|------|------------------|---------------|--------------------------------|------------------|
| NO.       | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK | APP. | CHECKED BY: JWD  | DATE:         | ISSUED FOR CONSTRUCTION:       |                  |
| 01        | 6/4/2013 | EA | REVIEW COMMENTS                     |          | KK  | WD   | APPROVED BY: JGT | DATE:         | DRAWING NUMBER: 1362.19 - 4008 | SHEET 8          |
| 02        | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD | JGT  |                  |               |                                | OF 16            |



**LEGEND**

- X Two-Tenths Milepost
- Proposed 36" Pipeline
- - - Approximate Permanent Easement
- Safety Fence/Chain Link Fence
- ▨ Temporary Construction ROW
- ▧ Temporary Extra Work Area
- ▩ Permanent ROW Not Used
- Parcel Boundary
- Approximate Building Footprint
- 26" Abandoned Pipeline
- 30" Existing Pipeline
- 36" Existing Pipeline

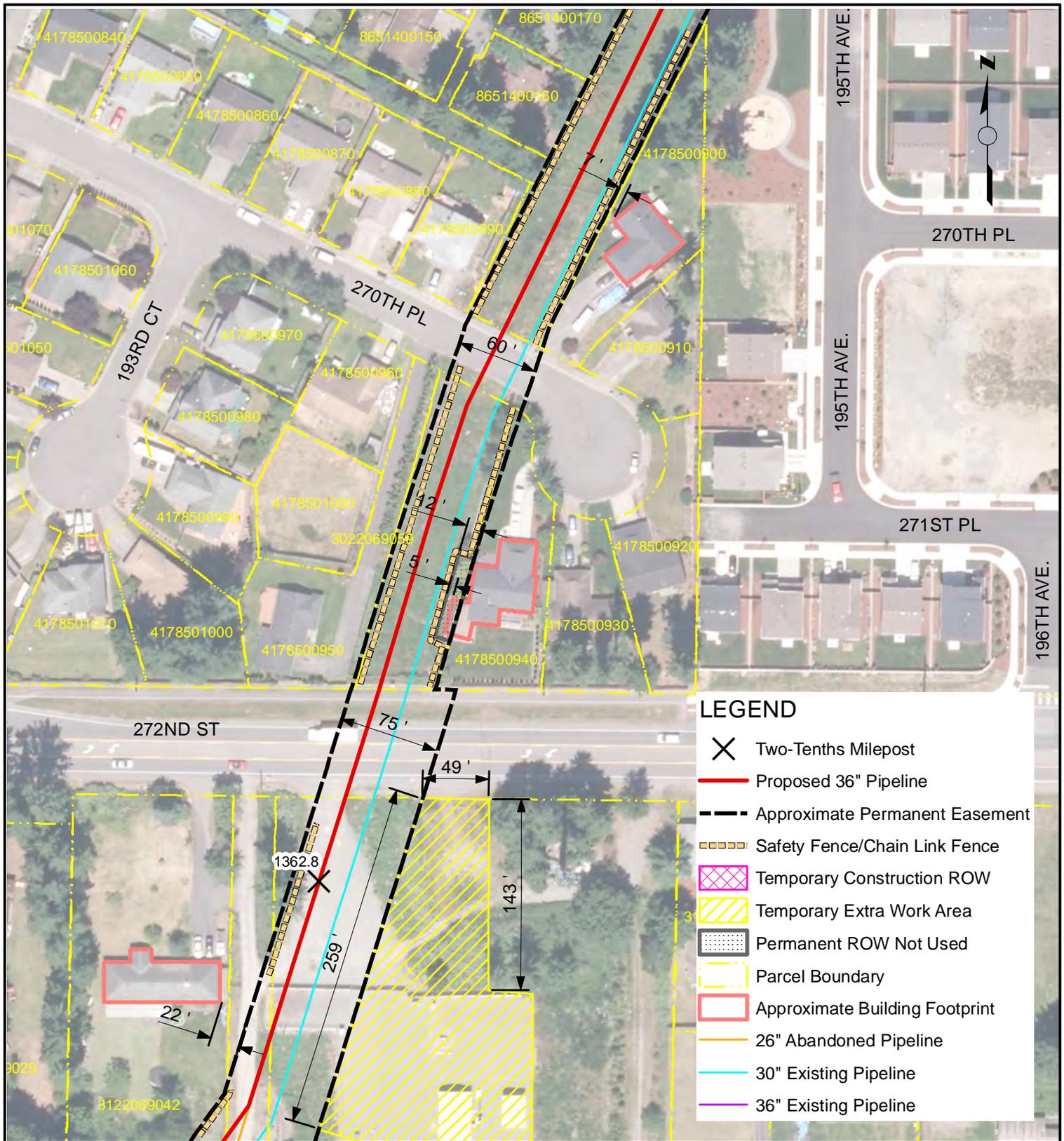
**NOTES**

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NORTHWEST PIPELINE LLC  
 WASHINGTON EXPANSION PROJECT  
 RESIDENTIAL SITE SPECIFIC MAP  
 MP 1362.49  
 T-22-N, R-6-E, S-31  
 KING COUNTY, WASHINGTON



| REVISIONS |          |    |                                     |          |     |      | DRAWN BY: EKA    | DATE: 5/15/13 | ISSUED FOR BID:                | SCALE: 1" = 100' |
|-----------|----------|----|-------------------------------------|----------|-----|------|------------------|---------------|--------------------------------|------------------|
| NO.       | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK | APP. | CHECKED BY: JWD  | DATE:         | ISSUED FOR CONSTRUCTION:       |                  |
| 01        | 6/4/2013 | EA | REVIEW COMMENTS                     |          | KK  | WD   | APPROVED BY: JGT | DATE:         | DRAWING NUMBER: 1362.48 - 4009 | SHEET 9          |
| 02        | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD | JGT  |                  |               |                                | OF 16            |



**LEGEND**

- X Two-Tenths Milepost
- Proposed 36" Pipeline
- - - Approximate Permanent Easement
- Safety Fence/Chain Link Fence
- ▨ Temporary Construction ROW
- ▧ Temporary Extra Work Area
- ▩ Permanent ROW Not Used
- Parcel Boundary
- Approximate Building Footprint
- 26" Abandoned Pipeline
- 30" Existing Pipeline
- 36" Existing Pipeline

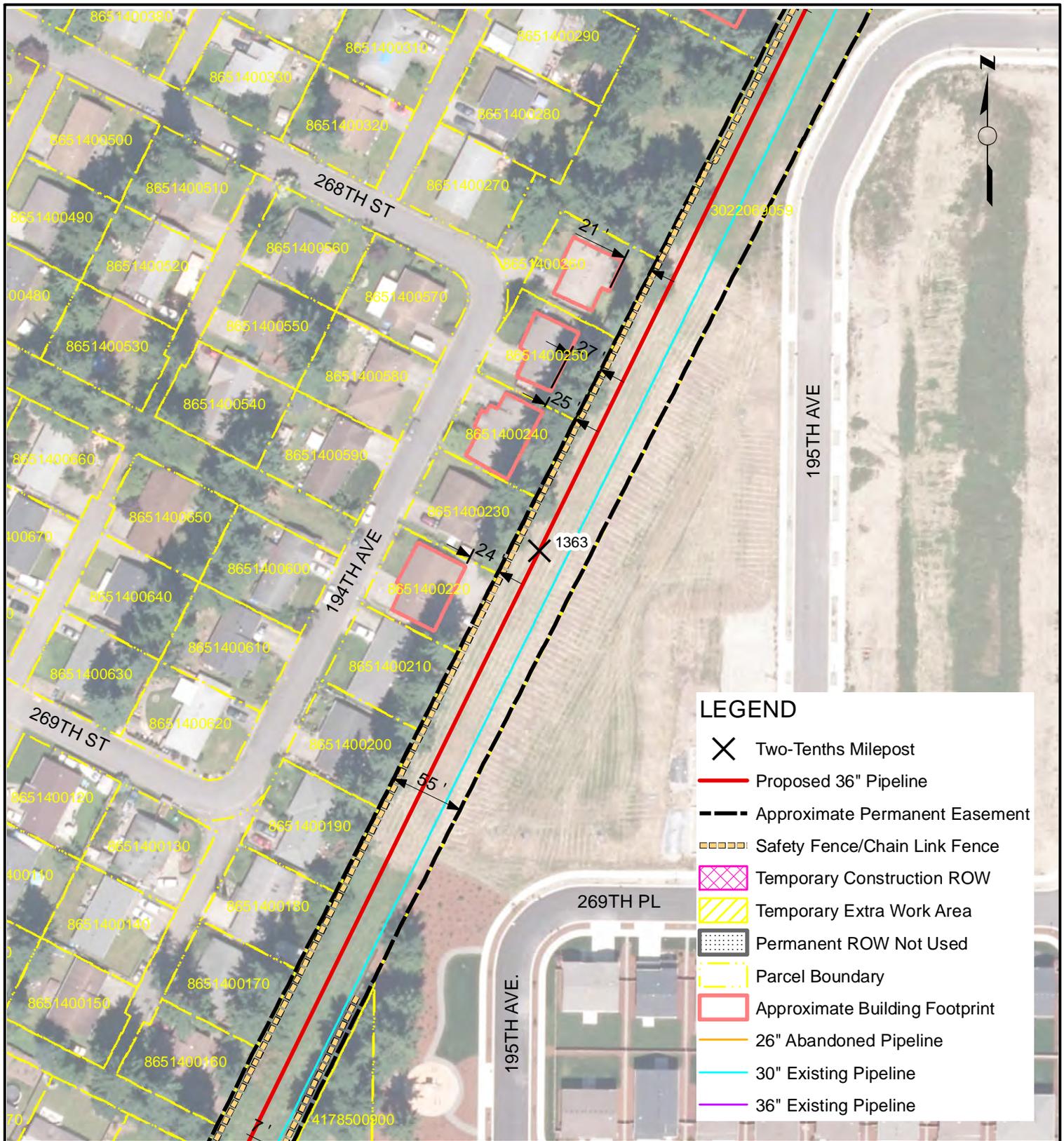
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NORTHWEST PIPELINE LLC  
 WASHINGTON EXPANSION PROJECT  
 RESIDENTIAL SITE SPECIFIC MAP  
 MP 1362.83  
 T-22-N, R-6-E, S-30 & 31  
 KING COUNTY, WASHINGTON



| REVISIONS |          |    |                                     |          |     | DRAWN BY: EKA | DATE: 5/15/13    | ISSUED FOR BID: | SCALE: 1" = 100'                |
|-----------|----------|----|-------------------------------------|----------|-----|---------------|------------------|-----------------|---------------------------------|
| NO.       | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK | APP.          | CHECKED BY: JWD  | DATE:           | ISSUED FOR CONSTRUCTION:        |
| 01        | 6/4/2013 | EA | REVIEW COMMENTS                     |          | KK  | WD            | APPROVED BY: JGT | DATE:           | DRAWING NUMBER: 1362.82 - 40010 |
| 02        | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD | JGT           |                  |                 | SHEET 10 OF 16                  |



**LEGEND**

- Two-Tenths Milepost
- Proposed 36" Pipeline
- Approximate Permanent Easement
- Safety Fence/Chain Link Fence
- Temporary Construction ROW
- Temporary Extra Work Area
- Permanent ROW Not Used
- Parcel Boundary
- Approximate Building Footprint
- 26" Abandoned Pipeline
- 30" Existing Pipeline
- 36" Existing Pipeline

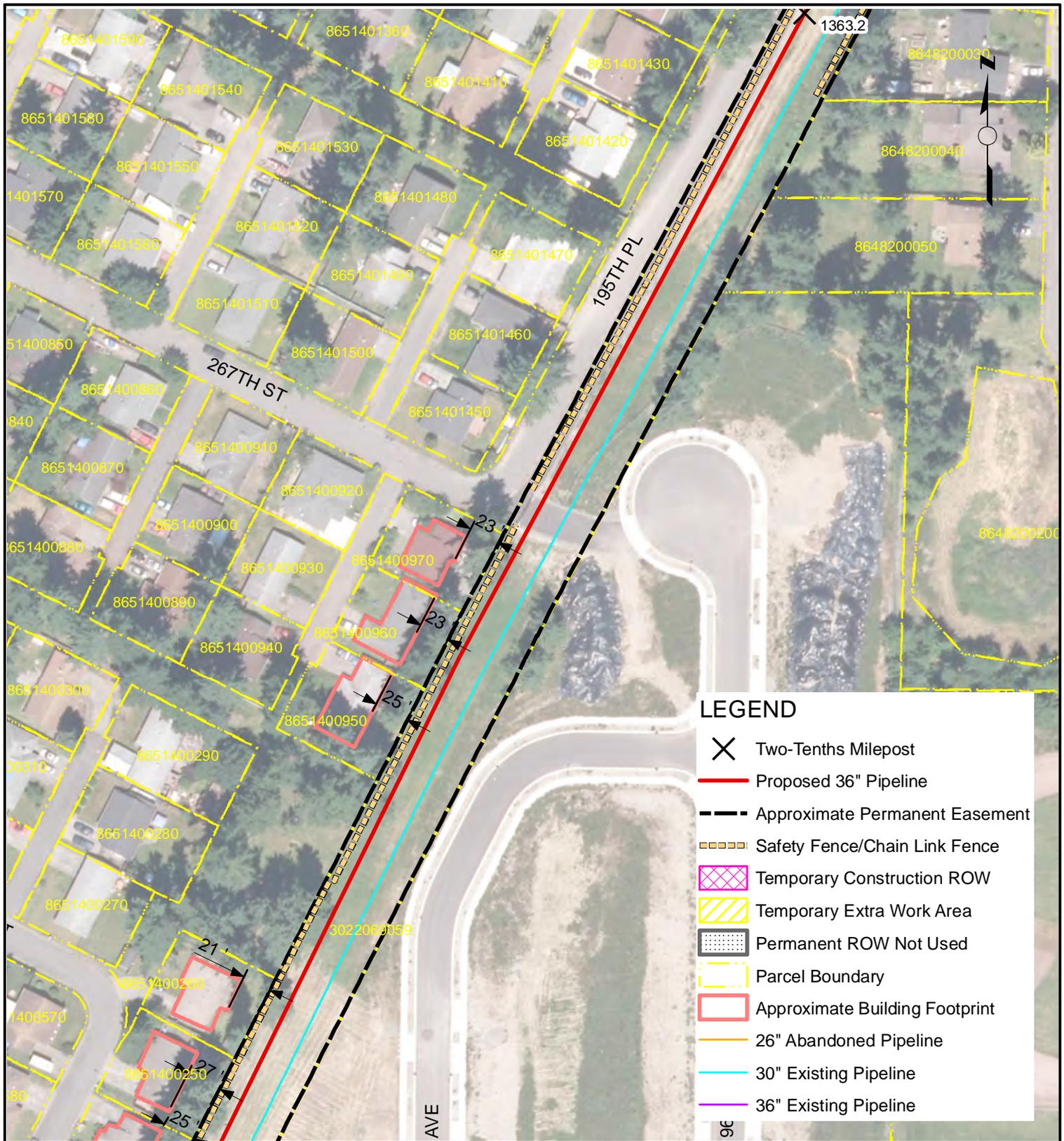
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NORTHWEST PIPELINE LLC  
 WASHINGTON EXPANSION PROJECT  
 RESIDENTIAL SITE SPECIFIC MAP  
 MP 1362.98  
 T-22-N, R-6-E, S-30  
 KING COUNTY, WASHINGTON



| REVISIONS |          |    |                                     | DRAWN BY: EKA | DATE: 5/15/13 | ISSUED FOR BID: | SCALE: 1" = 100' |       |                                 |          |
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| NO.       | DATE     | BY | DESCRIPTION                         | W.O. NO.      | CHK           | APP.            | CHECKED BY: JWD  | DATE: | ISSUED FOR CONSTRUCTION:        |          |
| 01        | 6/4/2013 | EA | REVIEW COMMENTS                     |               | KK            | WD              | APPROVED BY: JGT | DATE: | DRAWING NUMBER: 1362.97 - 40011 | SHEET 11 |
| 02        | 5/1/2014 | RC | Issued for FERC Supplemental Filing |               | JWD           | JGT             |                  |       |                                 | OF 16    |



**LEGEND**

- ✕ Two-Tenths Milepost
- Proposed 36" Pipeline
- - - Approximate Permanent Easement
- - - Safety Fence/Chain Link Fence
- ▨ Temporary Construction ROW
- ▨ Temporary Extra Work Area
- ▨ Permanent ROW Not Used
- - - Parcel Boundary
- ▭ Approximate Building Footprint
- 26" Abandoned Pipeline
- 30" Existing Pipeline
- 36" Existing Pipeline

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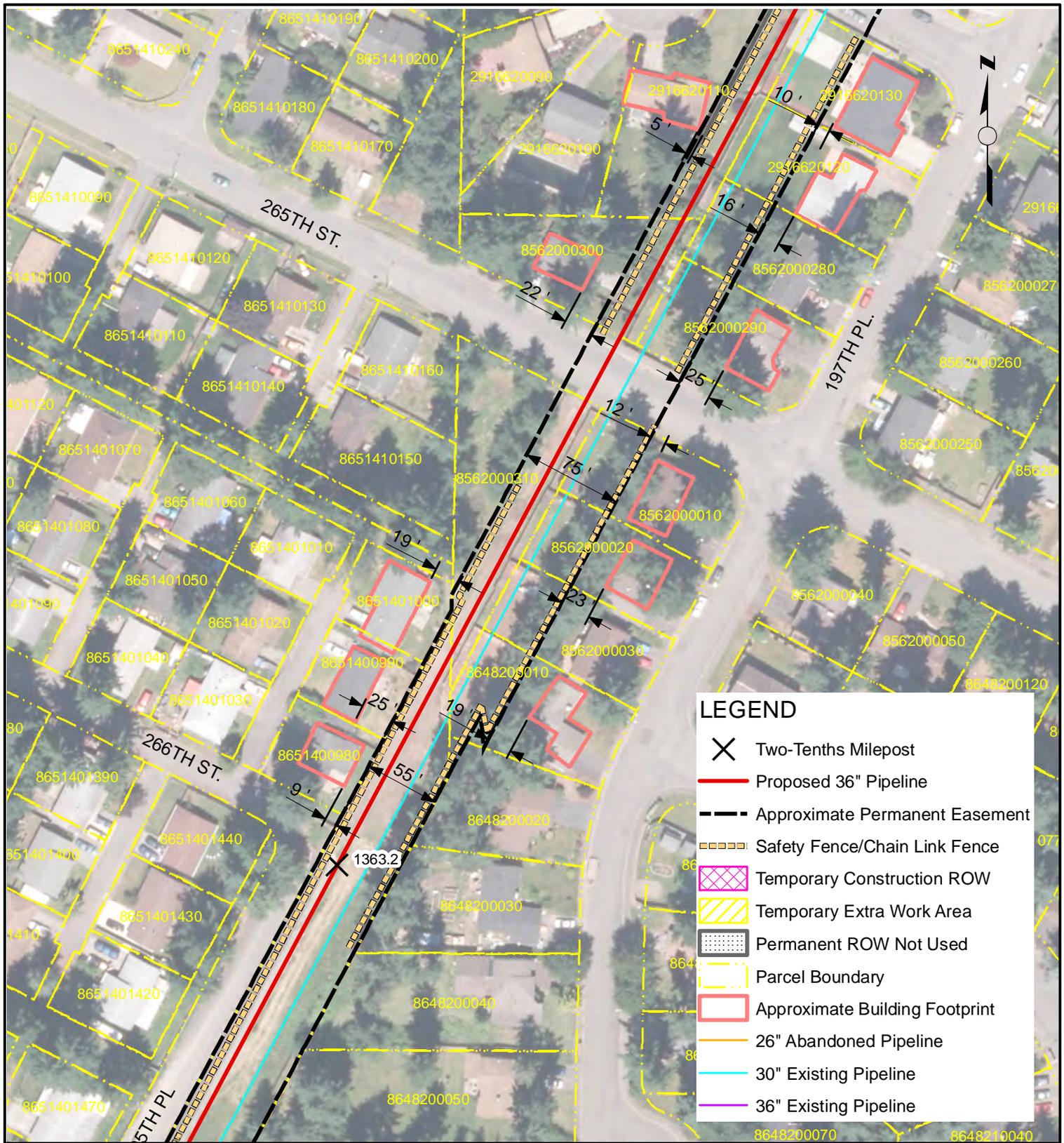
NORTHWEST PIPELINE LLC  
 WASHINGTON EXPANSION PROJECT  
 RESIDENTIAL SITE SPECIFIC MAP  
 MP 1363.09  
 T-22-N, R-6-E, S-30  
 KING COUNTY, WASHINGTON



**REVISIONS**

| NO. | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK | APP. |
|-----|----------|----|-------------------------------------|----------|-----|------|
| 01  | 6/4/2013 | EA | REVIEW COMMENTS                     |          | KK  | WD   |
| 02  | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD | JGT  |

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|------------------|---------------|---------------------------------|------------------|
| DRAWN BY: EKA    | DATE: 5/15/13 | ISSUED FOR BID:                 | SCALE: 1" = 100' |
| CHECKED BY: JWD  | DATE:         | ISSUED FOR CONSTRUCTION:        |                  |
| APPROVED BY: JGT | DATE:         | DRAWING NUMBER: 1363.08 - 40012 | SHEET 12 OF 16   |



**LEGEND**

- X Two-Tenths Milepost
- Proposed 36" Pipeline
- - - Approximate Permanent Easement
- - - Safety Fence/Chain Link Fence
- Temporary Construction ROW
- Temporary Extra Work Area
- Permanent ROW Not Used
- Parcel Boundary
- Approximate Building Footprint
- 26" Abandoned Pipeline
- 30" Existing Pipeline
- 36" Existing Pipeline

**NOTES**

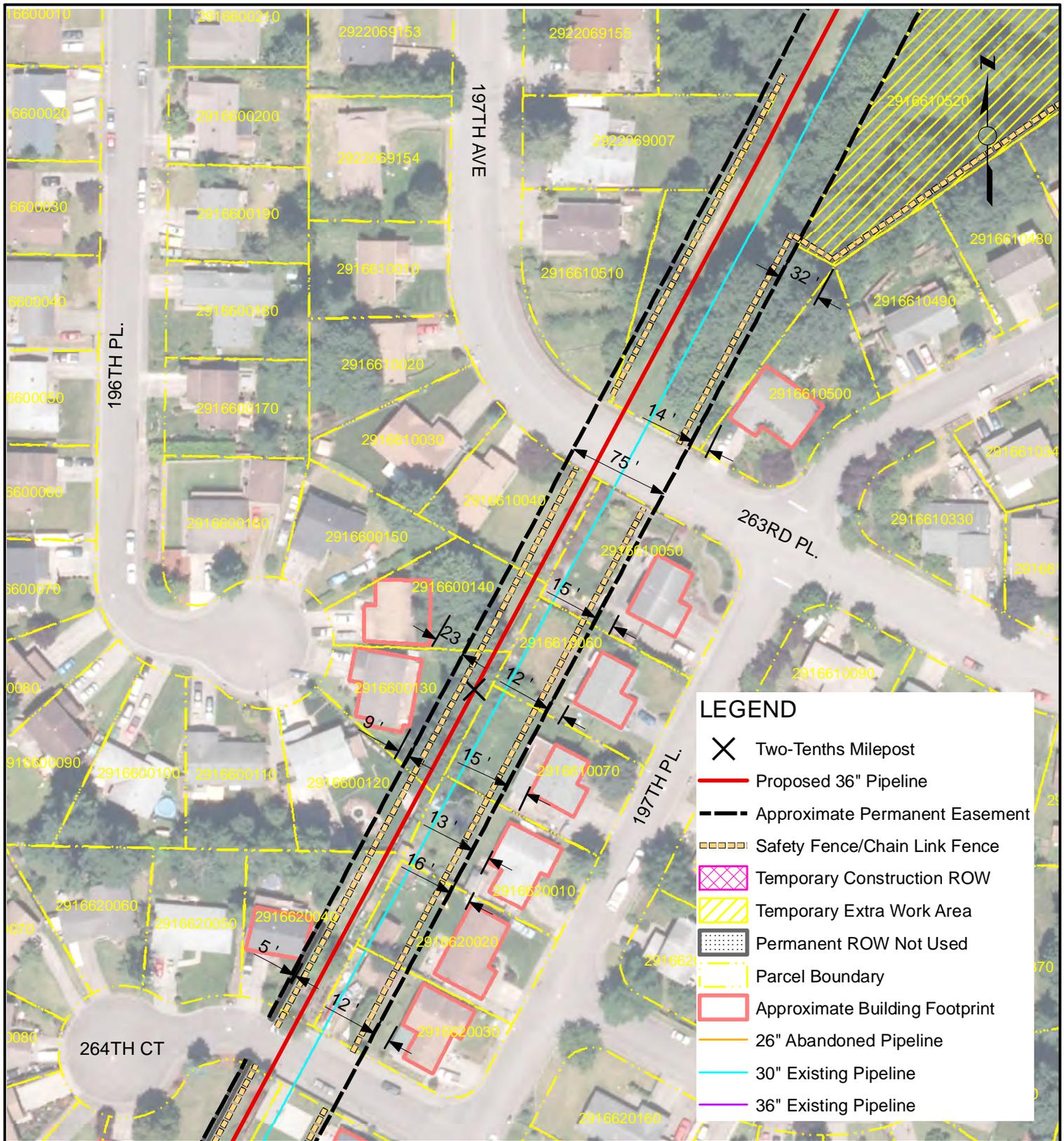
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**NORTHWEST PIPELINE LLC**  
**WASHINGTON EXPANSION PROJECT**  
**RESIDENTIAL SITE SPECIFIC MAP**  
**MP 1363.25**  
**T-22-N, R-6-E, S-29 & 30**  
**KING COUNTY, WASHINGTON**

| REVISIONS |          |    |                                     |          |          |
|-----------|----------|----|-------------------------------------|----------|----------|
| NO.       | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK APP. |
| 01        | 6/4/2013 | EA | REVIEW COMMENTS                     |          | KK WD    |
| 02        | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD JGT  |

|                  |               |                                 |                  |
|------------------|---------------|---------------------------------|------------------|
| DRAWN BY: EKA    | DATE: 5/15/13 | ISSUED FOR BID:                 | SCALE: 1" = 100' |
| CHECKED BY: JWD  | DATE:         | ISSUED FOR CONSTRUCTION:        |                  |
| APPROVED BY: JGT | DATE:         | DRAWING NUMBER: 1363.25 - 40013 | SHEET 13 OF 16   |



**LEGEND**

- X Two-Tenths Milepost
- Proposed 36" Pipeline
- - - Approximate Permanent Easement
- ▤ Safety Fence/Chain Link Fence
- ▨ Temporary Construction ROW
- ▧ Temporary Extra Work Area
- ▩ Permanent ROW Not Used
- ▭ Parcel Boundary
- ▭ Approximate Building Footprint
- 26" Abandoned Pipeline
- 30" Existing Pipeline
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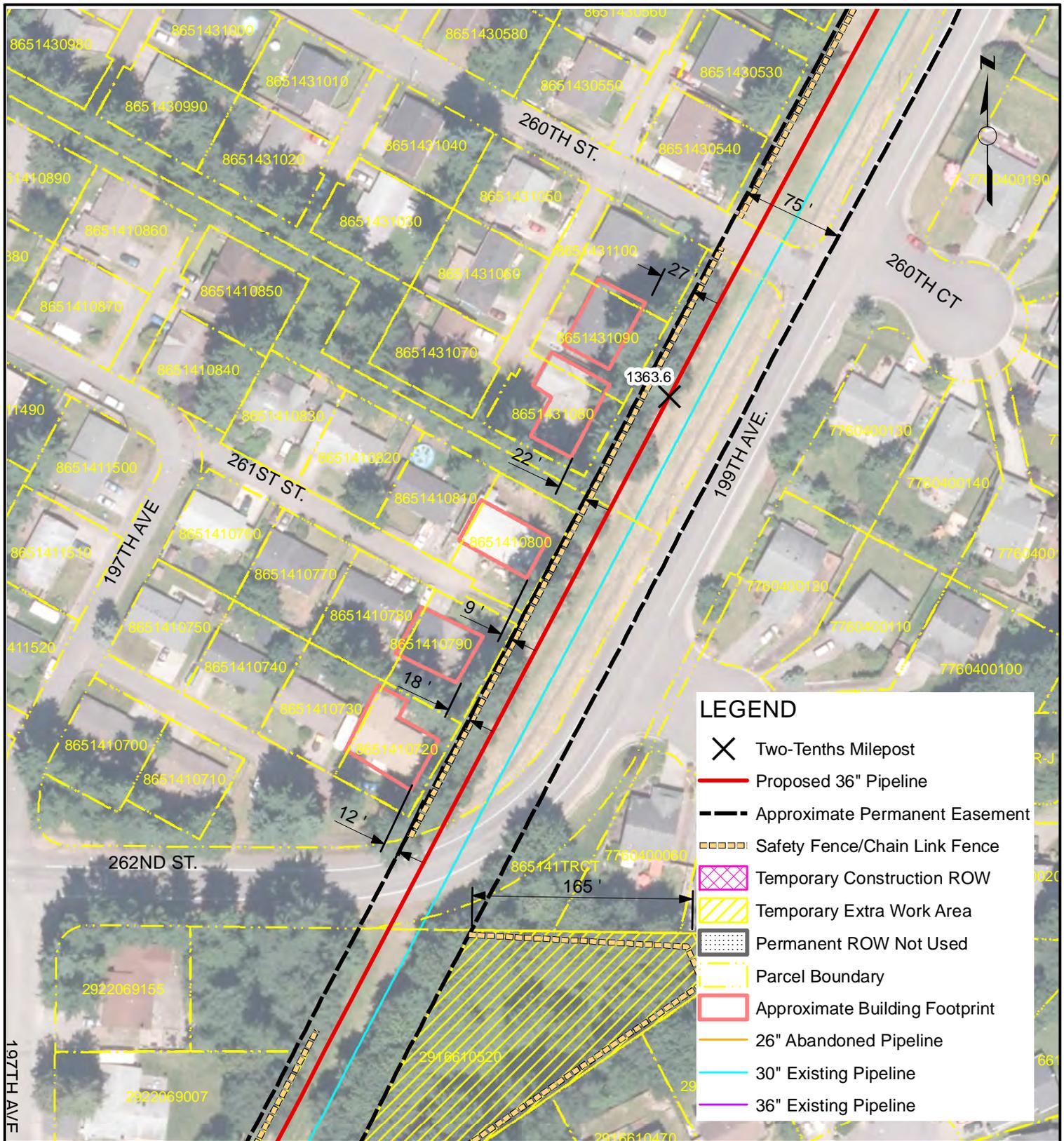
NORTHWEST PIPELINE LLC  
 WASHINGTON EXPANSION PROJECT  
 RESIDENTIAL SITE SPECIFIC MAP  
 MP 1363.42  
 T-22-N, R-6-E, S-29  
 KING COUNTY, WASHINGTON



**REVISIONS**

| NO. | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK | APP. |
|-----|----------|----|-------------------------------------|----------|-----|------|
| 01  | 6/4/2013 | EA | REVIEW COMMENTS                     |          | KK  | WD   |
| 02  | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD | JGT  |

|                  |               |                                 |                  |
|------------------|---------------|---------------------------------|------------------|
| DRAWN BY: EKA    | DATE: 5/15/13 | ISSUED FOR BID:                 | SCALE: 1" = 100' |
| CHECKED BY: JWD  | DATE:         | ISSUED FOR CONSTRUCTION:        |                  |
| APPROVED BY: JGT | DATE:         | DRAWING NUMBER: 1363.42 - 40014 | SHEET 14 OF 16   |



**LEGEND**

- X Two-Tenths Milepost
- Proposed 36" Pipeline
- - - Approximate Permanent Easement
- ▤ Safety Fence/Chain Link Fence
- ▨ Temporary Construction ROW
- ▧ Temporary Extra Work Area
- ▩ Permanent ROW Not Used
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- ▭ Approximate Building Footprint
- 26" Abandoned Pipeline
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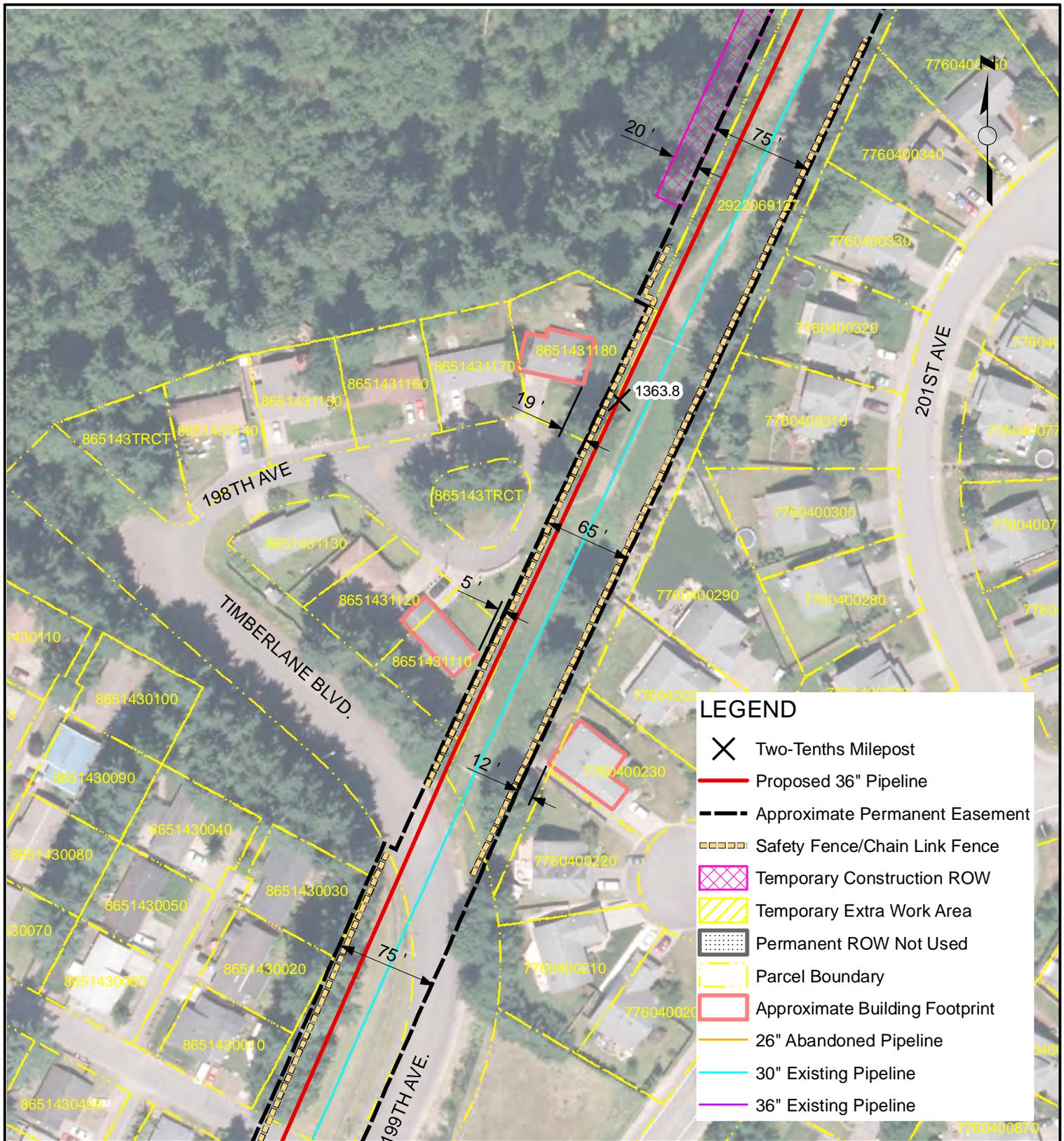
NORTHWEST PIPELINE LLC  
 WASHINGTON EXPANSION PROJECT  
 RESIDENTIAL SITE SPECIFIC MAP  
 MP 1363.57  
 T-22-N, R-6-E, S-29  
 KING COUNTY, WASHINGTON



**REVISIONS**

| NO. | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK | APP. |
|-----|----------|----|-------------------------------------|----------|-----|------|
| 01  | 6/4/2013 | EA | REVIEW COMMENTS                     |          | KK  | WD   |
| 02  | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD | JGT  |

|                  |               |                                 |                  |
|------------------|---------------|---------------------------------|------------------|
| DRAWN BY: EKA    | DATE: 5/15/13 | ISSUED FOR BID:                 | SCALE: 1" = 100' |
| CHECKED BY: JWD  | DATE:         | ISSUED FOR CONSTRUCTION:        |                  |
| APPROVED BY: JGT | DATE:         | DRAWING NUMBER: 1363.56 - 40015 | SHEET 15 OF 16   |



**LEGEND**

- X Two-Tenths Milepost
- Proposed 36" Pipeline
- - - Approximate Permanent Easement
- ▤ Safety Fence/Chain Link Fence
- ▨ Temporary Construction ROW
- ▧ Temporary Extra Work Area
- ▩ Permanent ROW Not Used
- ▭ Parcel Boundary
- ▭ Approximate Building Footprint
- 26" Abandoned Pipeline
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NORTHWEST PIPELINE LLC  
 WASHINGTON EXPANSION PROJECT  
 RESIDENTIAL SITE SPECIFIC MAP  
 MP 1363.77  
 T-22-N, R-6-E, S-29  
 KING COUNTY, WASHINGTON



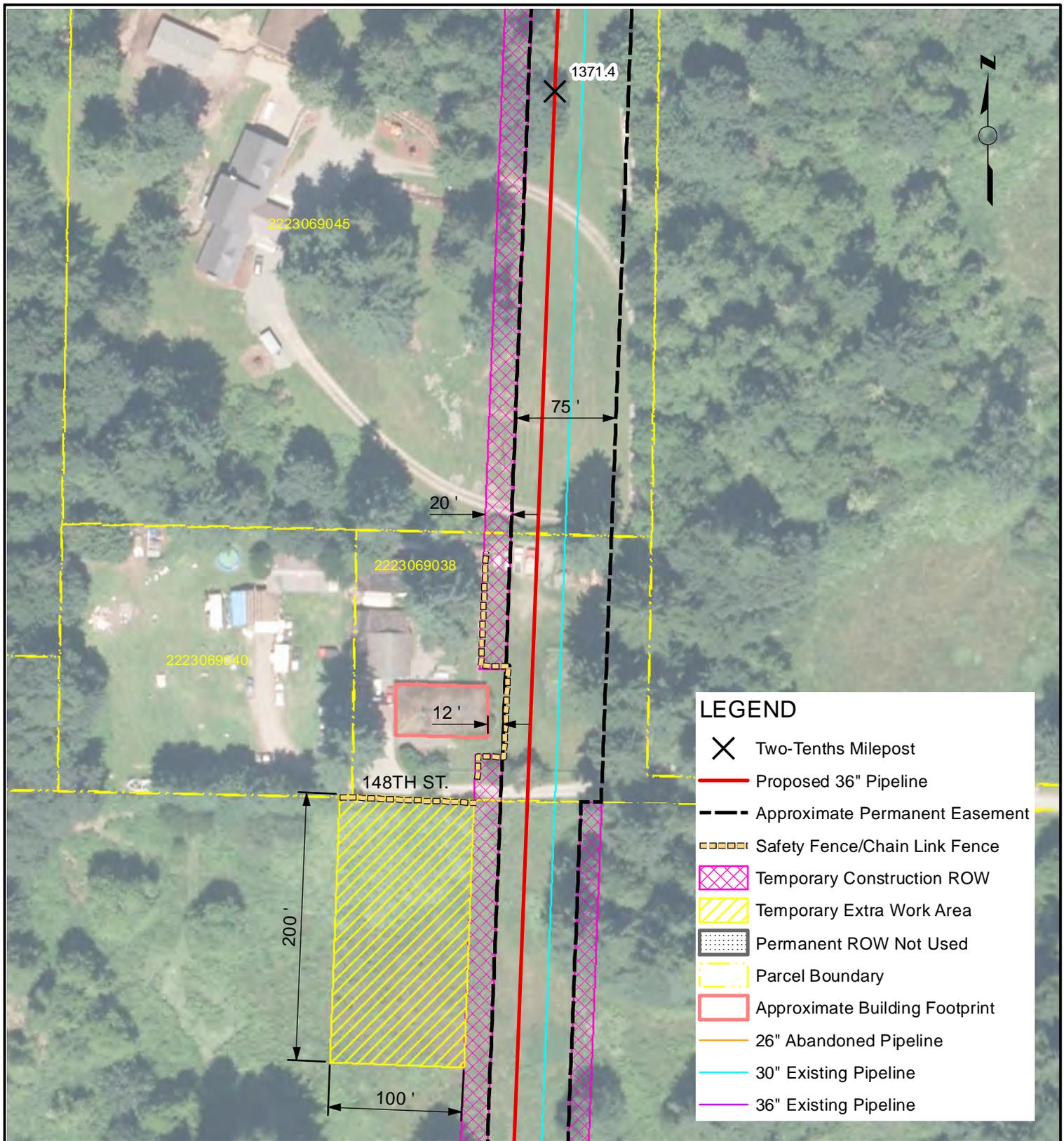
**REVISIONS**

| NO. | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK | APP. |
|-----|----------|----|-------------------------------------|----------|-----|------|
| 01  | 6/4/2013 | EA | REVIEW COMMENTS                     |          | KK  | WD   |
| 02  | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD | JGT  |

|                  |               |                                 |                  |
|------------------|---------------|---------------------------------|------------------|
| DRAWN BY: EKA    | DATE: 5/15/13 | ISSUED FOR BID:                 | SCALE: 1" = 100' |
| CHECKED BY: JWD  | DATE:         | ISSUED FOR CONSTRUCTION:        |                  |
| APPROVED BY: JGT | DATE:         | DRAWING NUMBER: 1363.77 - 40016 | SHEET 16 OF 16   |

# Sumner North “B” Loop





**LEGEND**

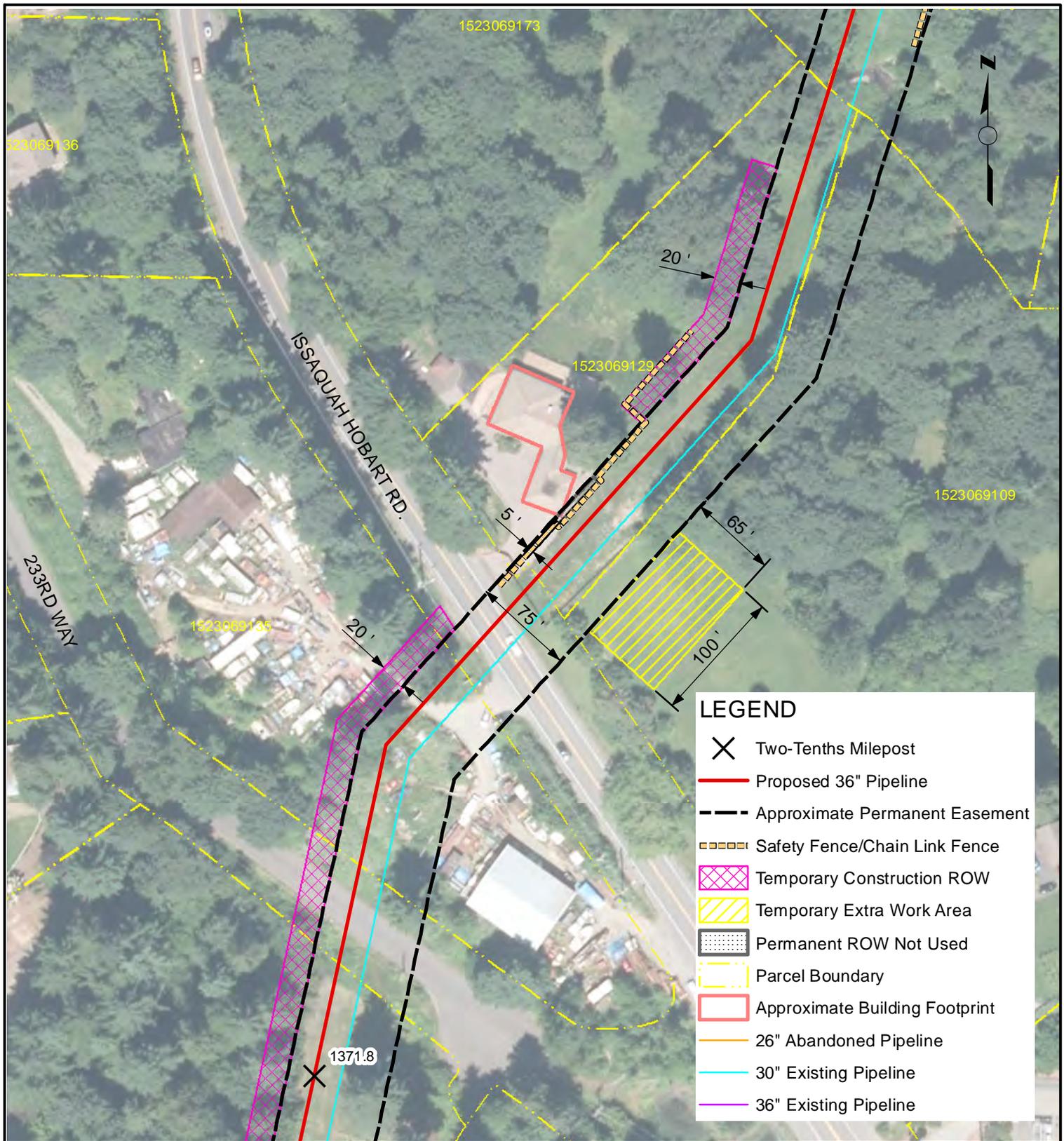
- ✕ Two-Tenths Milepost
- Proposed 36" Pipeline
- - - Approximate Permanent Easement
- - - Safety Fence/Chain Link Fence
- ▨ Temporary Construction ROW
- ▨ Temporary Extra Work Area
- ▨ Permanent ROW Not Used
- - - Parcel Boundary
- ▭ Approximate Building Footprint
- 26" Abandoned Pipeline
- 30" Existing Pipeline
- 36" Existing Pipeline

**NOTES**

NOTES:  
 1. Only structures intended for human occupancy are delineated as "residences" on these sheets. Outbuildings, garages, sheds, etc. may be present within 25-ft of the ROW and appropriate safety measures will be developed during the land acquisition and construction planning phase.  
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NORTHWEST PIPELINE LLC  
 WASHINGTON EXPANSION PROJECT  
 RESIDENTIAL SITE SPECIFIC MAP  
 MP 1371.31  
 T-23-N, R-6-E, S-22  
 KING COUNTY, WASHINGTON

| REVISIONS |          |    |                                     |          |      |      | DRAWN BY: EKA    | DATE: 5/1/14 | ISSUED FOR BID:                | SCALE: 1" = 100' |
|-----------|----------|----|-------------------------------------|----------|------|------|------------------|--------------|--------------------------------|------------------|
| NO.       | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK. | APP. | CHECKED BY: JWD  | DATE:        | ISSUED FOR CONSTRUCTION:       |                  |
| 01        | 6/4/2013 | EA | REVIEW COMMENTS                     |          | KK   | WD   | APPROVED BY: JGT | DATE:        | DRAWING NUMBER: 1371.31 - 5001 | SHEET 1          |
| 02        | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD  | JGT  |                  |              |                                | OF 30            |



**LEGEND**

- X Two-Tenths Milepost
- Proposed 36" Pipeline
- - - Approximate Permanent Easement
- - - Safety Fence/Chain Link Fence
- Temporary Construction ROW
- Temporary Extra Work Area
- Permanent ROW Not Used
- Parcel Boundary
- Approximate Building Footprint
- 26" Abandoned Pipeline
- 30" Existing Pipeline
- 36" Existing Pipeline

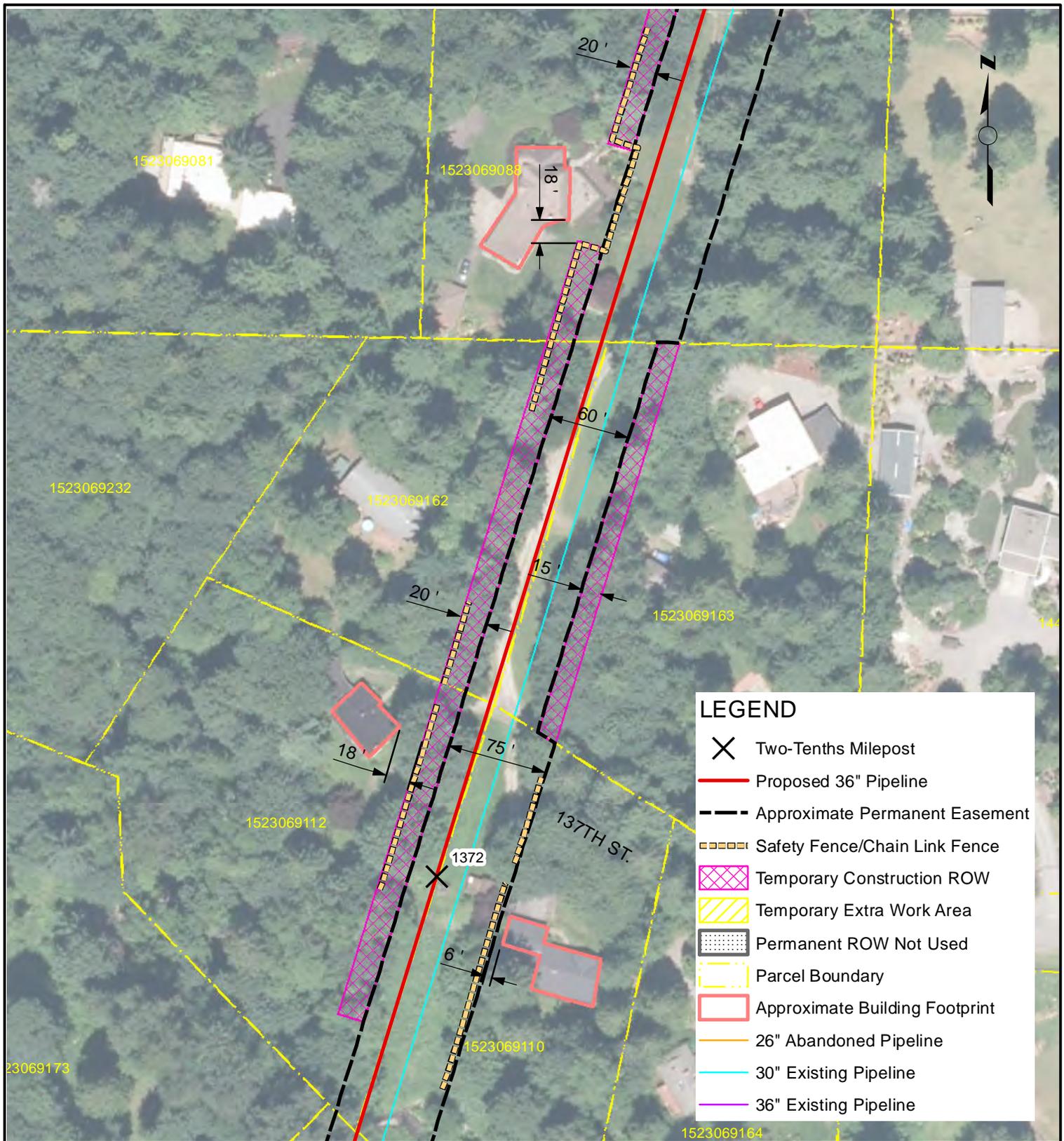
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**NORTHWEST PIPELINE LLC**  
**WASHINGTON EXPANSION PROJECT**  
**RESIDENTIAL SITE SPECIFIC MAP**  
**MP 1371.89**  
**T-23-N, R-6-E, S-15**  
**KING COUNTY, WASHINGTON**

| REVISIONS |          |    |                                     |          |      |      |
|-----------|----------|----|-------------------------------------|----------|------|------|
| NO.       | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK. | APP. |
| 01        | 6/4/2013 | EA | REVIEW COMMENTS                     |          | KK   | WD   |
| 02        | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD  | JGT  |

|                  |              |                                |                  |
|------------------|--------------|--------------------------------|------------------|
| DRAWN BY: EKA    | DATE: 5/1/14 | ISSUED FOR BID:                | SCALE: 1" = 100' |
| CHECKED BY: JWD  | DATE:        | ISSUED FOR CONSTRUCTION:       |                  |
| APPROVED BY: JGT | DATE:        | DRAWING NUMBER: 1371.89 - 5002 | SHEET 2 OF 30    |



### LEGEND

- Two-Tenths Milepost
- Proposed 36" Pipeline
- Approximate Permanent Easement
- Safety Fence/Chain Link Fence
- Temporary Construction ROW
- Temporary Extra Work Area
- Permanent ROW Not Used
- Parcel Boundary
- Approximate Building Footprint
- 26" Abandoned Pipeline
- 30" Existing Pipeline
- 36" Existing Pipeline

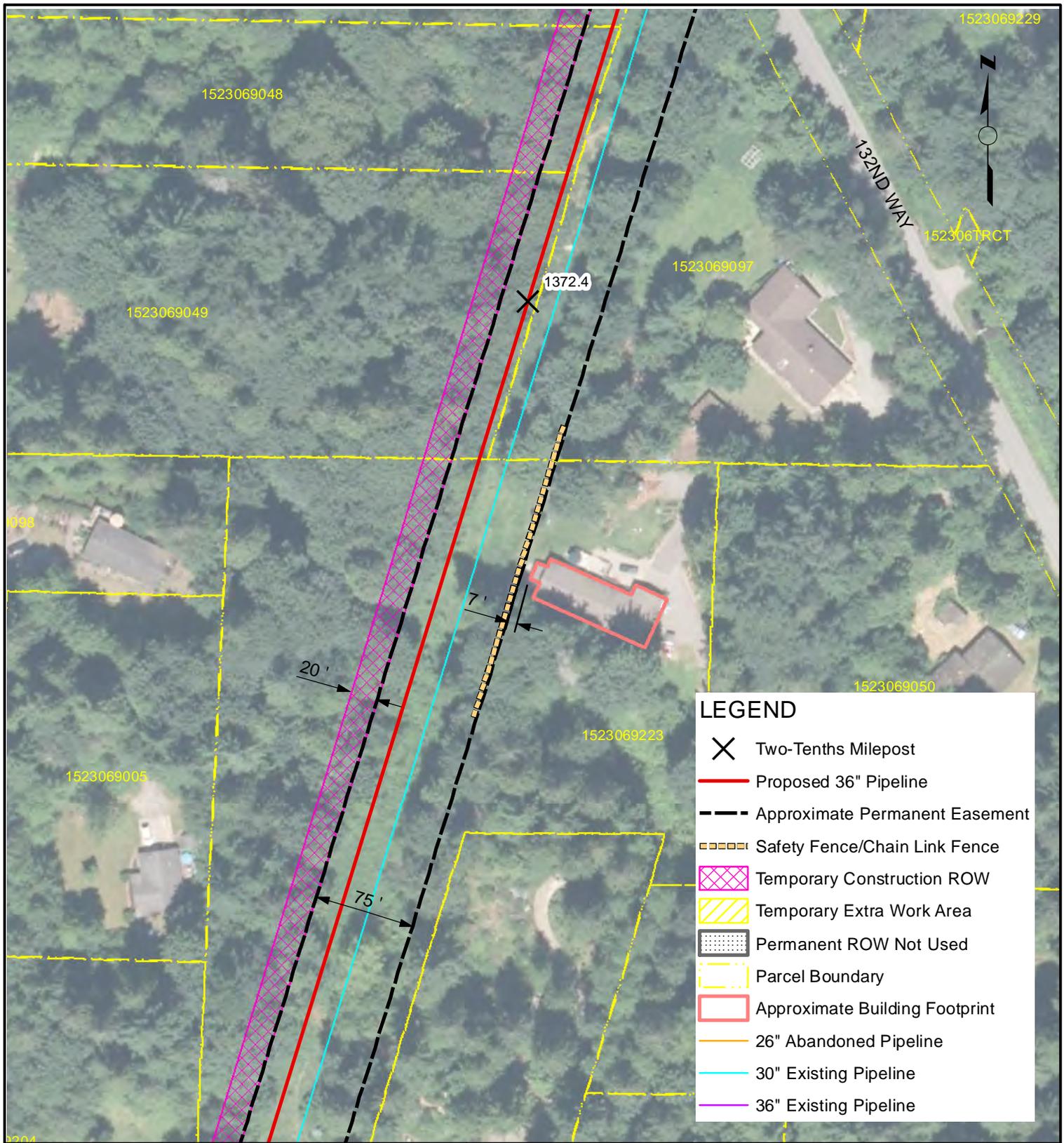
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**NORTHWEST PIPELINE LLC**  
**WASHINGTON EXPANSION PROJECT**  
**RESIDENTIAL SITE SPECIFIC MAP**  
**MP 1372.05**  
**T-23-N, R-6-E, S-15**  
**KING COUNTY, WASHINGTON**

| REVISIONS |          |    |                                     |          |      |      | DRAWN BY: EKA    | DATE: 5/1/14 | ISSUED FOR BID:                | SCALE: 1" = 100' |
|-----------|----------|----|-------------------------------------|----------|------|------|------------------|--------------|--------------------------------|------------------|
| NO.       | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK. | APP. | CHECKED BY: JWD  | DATE:        | ISSUED FOR CONSTRUCTION:       |                  |
| 01        | 6/4/2013 | EA | REVIEW COMMENTS                     |          | KK   | WD   | APPROVED BY: JGT | DATE:        | DRAWING NUMBER: 1372.05 - 5003 | SHEET 3          |
| 02        | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD  | JGT  |                  |              |                                | OF 30            |



**LEGEND**

- ✕ Two-Tenths Milepost
- Proposed 36" Pipeline
- - - Approximate Permanent Easement
- ▤ Safety Fence/Chain Link Fence
- ▨ Temporary Construction ROW
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- ▩ Permanent ROW Not Used
- - - Parcel Boundary
- ▭ Approximate Building Footprint
- 26" Abandoned Pipeline
- 30" Existing Pipeline
- 36" Existing Pipeline

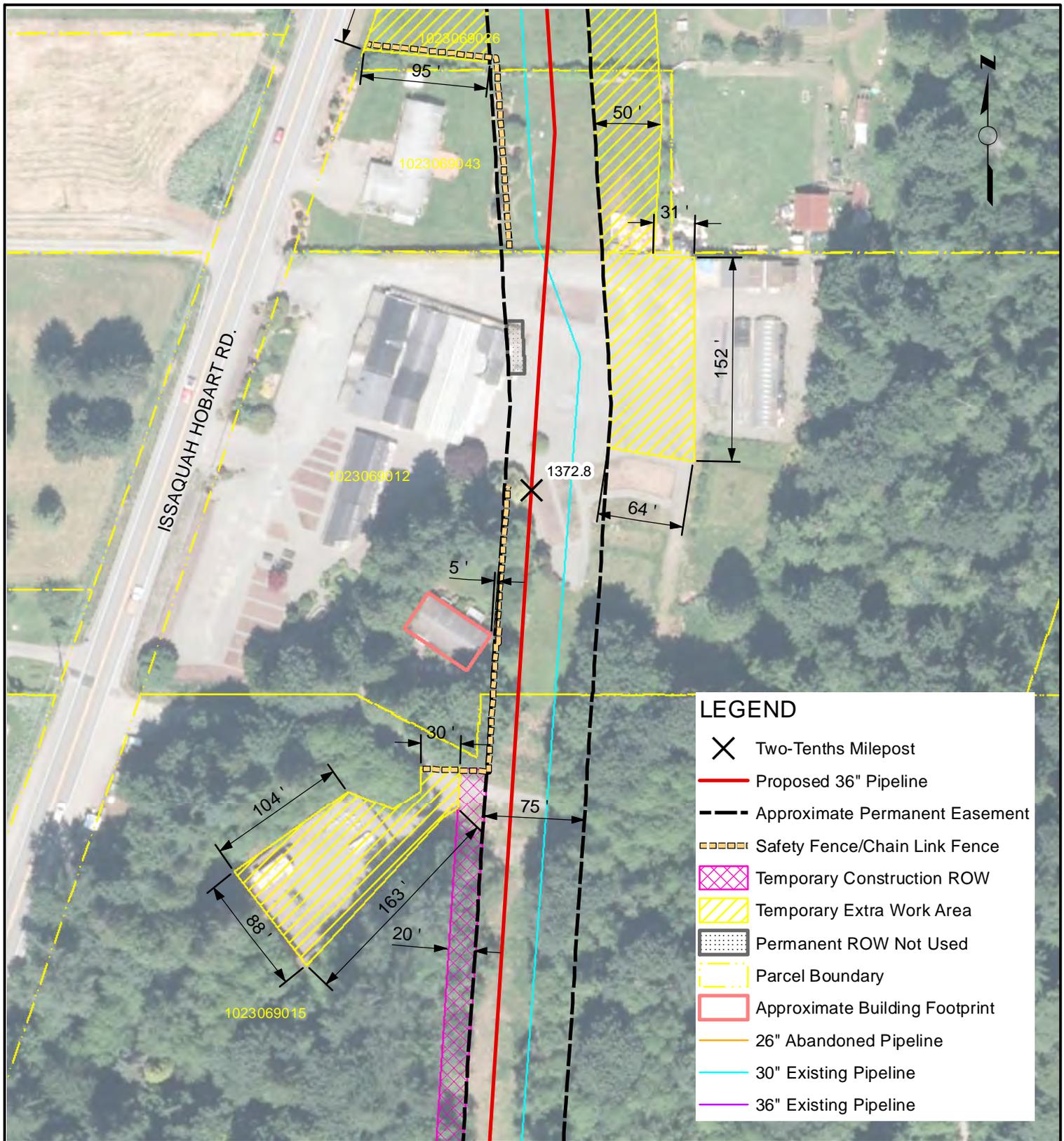
**NOTES**

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**NORTHWEST PIPELINE LLC**  
**WASHINGTON EXPANSION PROJECT**  
**RESIDENTIAL SITE SPECIFIC MAP**  
**MP 1372.36**  
**T-23-N, R-6-E, S-15**  
**KING COUNTY, WASHINGTON**

| REVISIONS |          |    |                                     |          |      |      | DRAWN BY: EKA    | DATE: 5/1/14 | ISSUED FOR BID:                | SCALE: 1" = 100' |
|-----------|----------|----|-------------------------------------|----------|------|------|------------------|--------------|--------------------------------|------------------|
| NO.       | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK. | APP. | CHECKED BY: JWD  | DATE:        | ISSUED FOR CONSTRUCTION:       |                  |
| 01        | 6/4/2013 | EA | REVIEW COMMENTS                     |          | KK   | WD   | APPROVED BY: JGT | DATE:        | DRAWING NUMBER: 1372.35 - 5004 | SHEET 4          |
| 02        | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD  | JGT  |                  |              |                                | OF 30            |



**LEGEND**

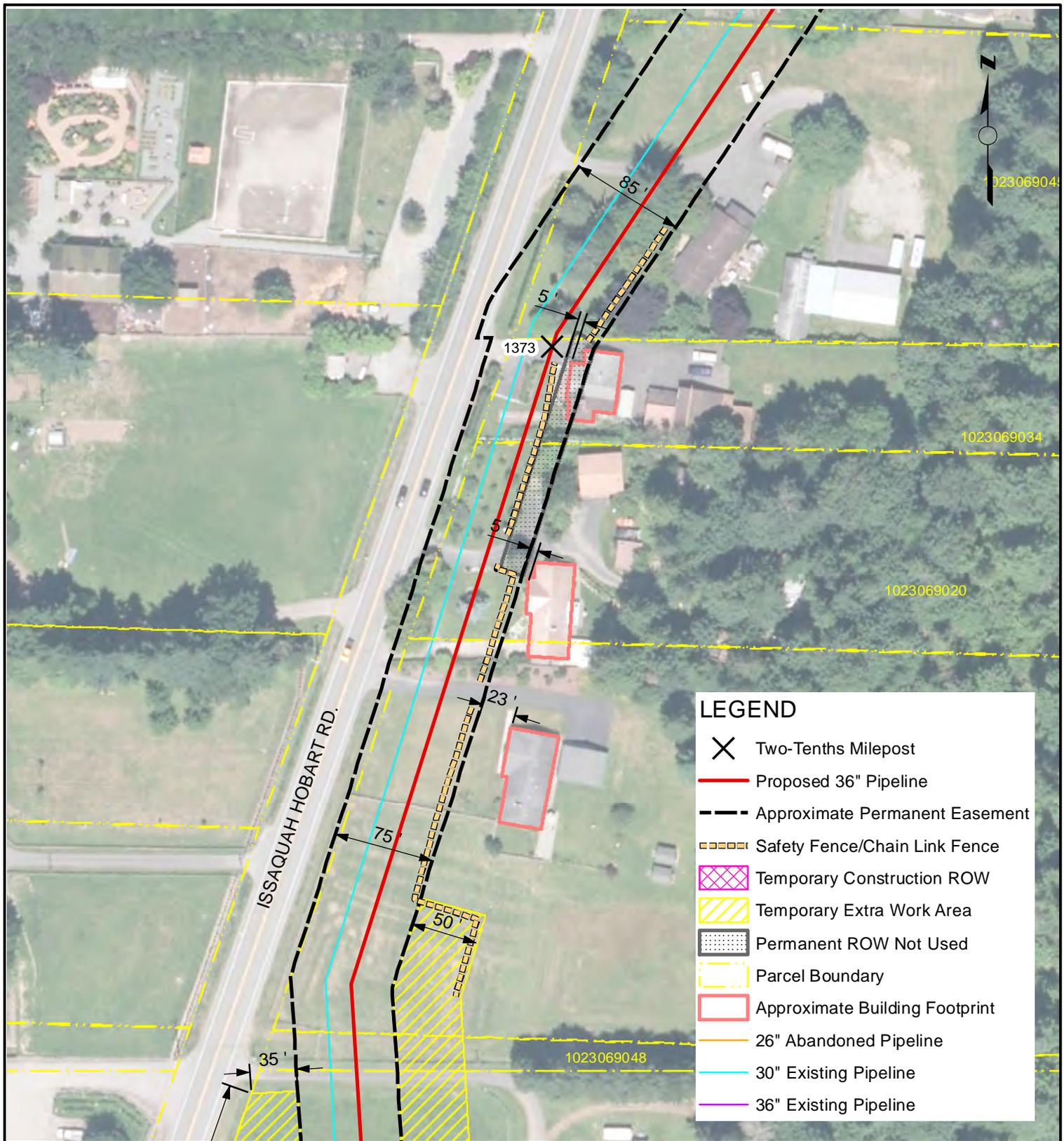
- X Two-Tenths Milepost
- Proposed 36" Pipeline
- - - Approximate Permanent Easement
- - - Safety Fence/Chain Link Fence
- Temporary Construction ROW
- Temporary Extra Work Area
- Permanent ROW Not Used
- Parcel Boundary
- Approximate Building Footprint
- 26" Abandoned Pipeline
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- 36" Existing Pipeline

**NOTES**

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**NORTHWEST PIPELINE LLC**  
**WASHINGTON EXPANSION PROJECT**  
**RESIDENTIAL SITE SPECIFIC MAP**  
**MP 1372.79**  
**T-23-N, R-6-E, S-10**  
**KING COUNTY, WASHINGTON**

| REVISIONS |          |    |                                     |          |      | DRAWN BY: EKA | DATE: 5/1/14     | ISSUED FOR BID: | SCALE: 1" = 100'               |
|-----------|----------|----|-------------------------------------|----------|------|---------------|------------------|-----------------|--------------------------------|
| NO.       | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK. | APP.          | CHECKED BY: JWD  | DATE:           | ISSUED FOR CONSTRUCTION:       |
| 01        | 6/4/2013 | EA | REVIEW COMMENTS                     |          | KK   | WD            | APPROVED BY: JGT | DATE:           | DRAWING NUMBER: 1372.79 - 5005 |
| 02        | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD  | JGT           |                  |                 | SHEET 5 OF 30                  |



**LEGEND**

- X Two-Tenths Milepost
- Proposed 36" Pipeline
- - - Approximate Permanent Easement
- - - Safety Fence/Chain Link Fence
- ▨ Temporary Construction ROW
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- ▨ Permanent ROW Not Used
- - - Parcel Boundary
- ▭ Approximate Building Footprint
- 26" Abandoned Pipeline
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- 36" Existing Pipeline

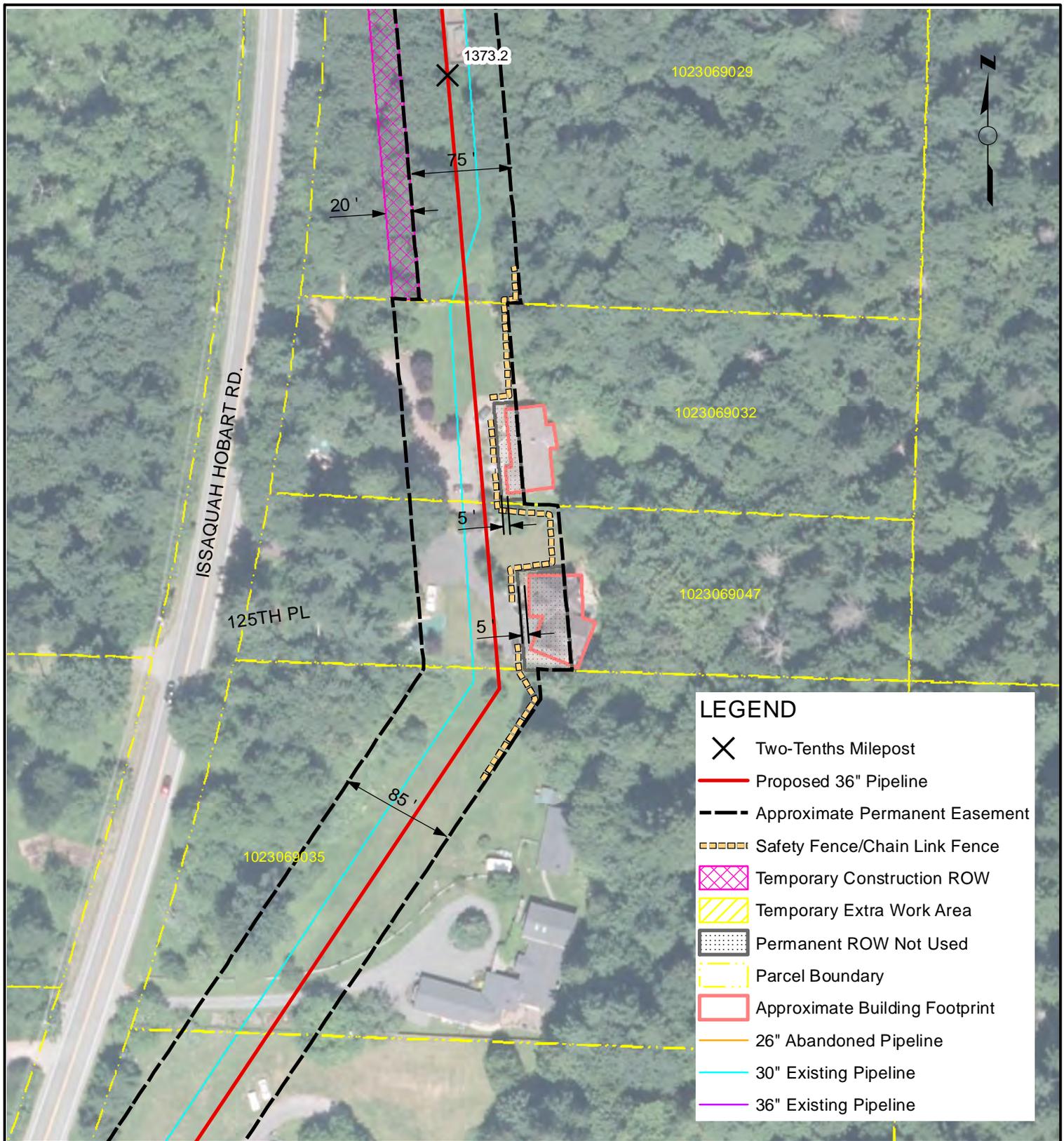
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NORTHWEST PIPELINE LLC  
 WASHINGTON EXPANSION PROJECT  
 RESIDENTIAL SITE SPECIFIC MAP  
 MP 1372.97  
 T-23-N, R-6-E, S-10  
 KING COUNTY, WASHINGTON



| REVISIONS |          |    |                                     |          |      |      | DRAWN BY: EKA    | DATE: 5/1/14 | ISSUED FOR BID:                | SCALE: 1" = 100' |
|-----------|----------|----|-------------------------------------|----------|------|------|------------------|--------------|--------------------------------|------------------|
| NO.       | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK. | APP. | CHECKED BY: JWD  | DATE:        | ISSUED FOR CONSTRUCTION:       |                  |
| 01        | 6/4/2013 | EA | REVIEW COMMENTS                     |          | KK   | WD   | APPROVED BY: JGT | DATE:        | DRAWING NUMBER: 1372.96 - 5006 | SHEET 6          |
| 02        | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD  | JGT  |                  |              |                                | OF 30            |



**LEGEND**

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- 26" Abandoned Pipeline
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**NOTES**

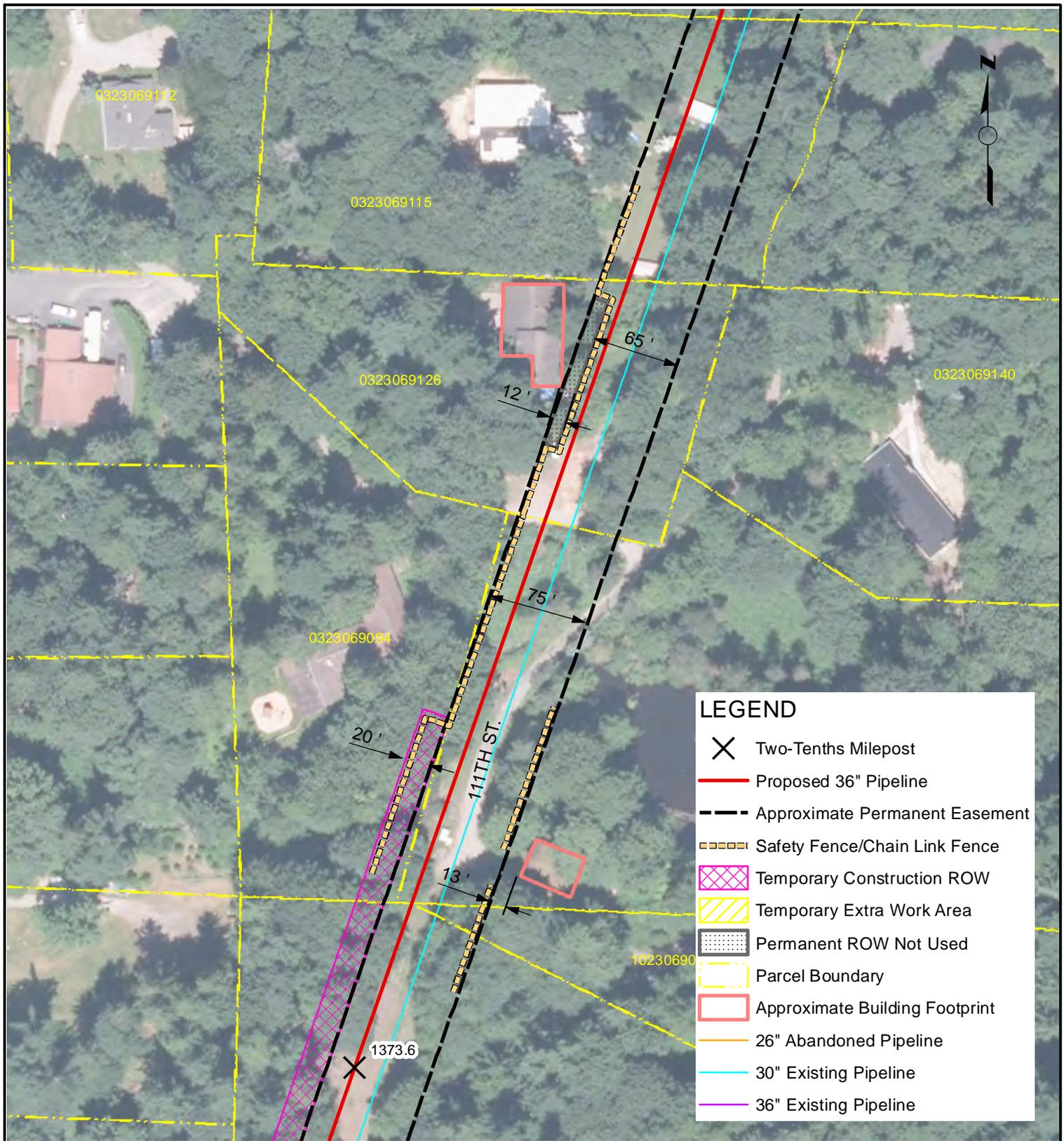
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NORTHWEST PIPELINE LLC  
 WASHINGTON EXPANSION PROJECT  
 RESIDENTIAL SITE SPECIFIC MAP  
 MP 1373.13  
 T-23-N, R-6-E, S-10  
 KING COUNTY, WASHINGTON



| REVISIONS |          |    |                                     |          |      |      | DRAWN BY: EKA    | DATE: 5/1/14 | ISSUED FOR BID:                | SCALE: 1" = 100' |
|-----------|----------|----|-------------------------------------|----------|------|------|------------------|--------------|--------------------------------|------------------|
| NO.       | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK. | APP. | CHECKED BY: JWD  | DATE:        | ISSUED FOR CONSTRUCTION:       |                  |
| 01        | 6/4/2013 | EA | REVIEW COMMENTS                     |          | KK   | WD   | APPROVED BY: JGT | DATE:        | DRAWING NUMBER: 1373.13 - 5007 | SHEET 7          |
| 02        | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD  | JGT  |                  |              |                                | OF 30            |



**LEGEND**

- X Two-Tenths Milepost
- Proposed 36" Pipeline
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- ▨ Temporary Construction ROW
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- 26" Abandoned Pipeline
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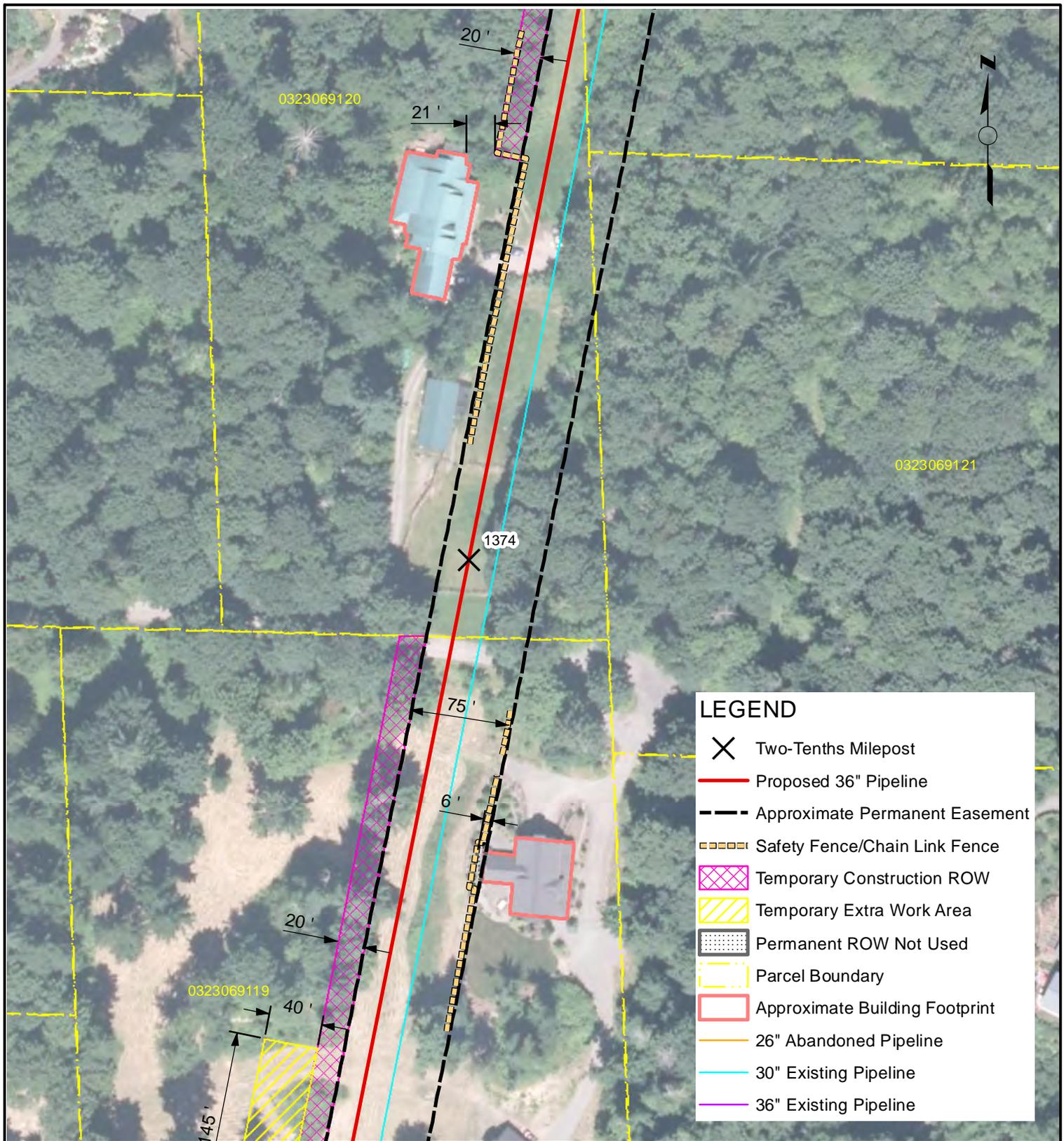
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**NORTHWEST PIPELINE LLC**  
**WASHINGTON EXPANSION PROJECT**  
**RESIDENTIAL SITE SPECIFIC MAP**  
**MP 1373.68**  
**T-23-N, R-6-E, S-3**  
**KING COUNTY, WASHINGTON**

| REVISIONS |          |    |                                     |          |      | DRAWN BY: EKA | DATE: 5/1/14     | ISSUED FOR BID: | SCALE: 1" = 100'               |
|-----------|----------|----|-------------------------------------|----------|------|---------------|------------------|-----------------|--------------------------------|
| NO.       | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK. | APP.          | CHECKED BY: JWD  | DATE:           | ISSUED FOR CONSTRUCTION:       |
| 01        | 6/4/2013 | EA | REVIEW COMMENTS                     |          | KK   | WD            | APPROVED BY: JGT | DATE:           | DRAWING NUMBER: 1373.68 - 5008 |
| 02        | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD  | JGT           |                  |                 | SHEET 8 OF 30                  |



**LEGEND**

- ✕ Two-Tenths Milepost
- Proposed 36" Pipeline
- - - Approximate Permanent Easement
- - - Safety Fence/Chain Link Fence
- ▨ Temporary Construction ROW
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- ▨ Permanent ROW Not Used
- - - Parcel Boundary
- ▭ Approximate Building Footprint
- 26" Abandoned Pipeline
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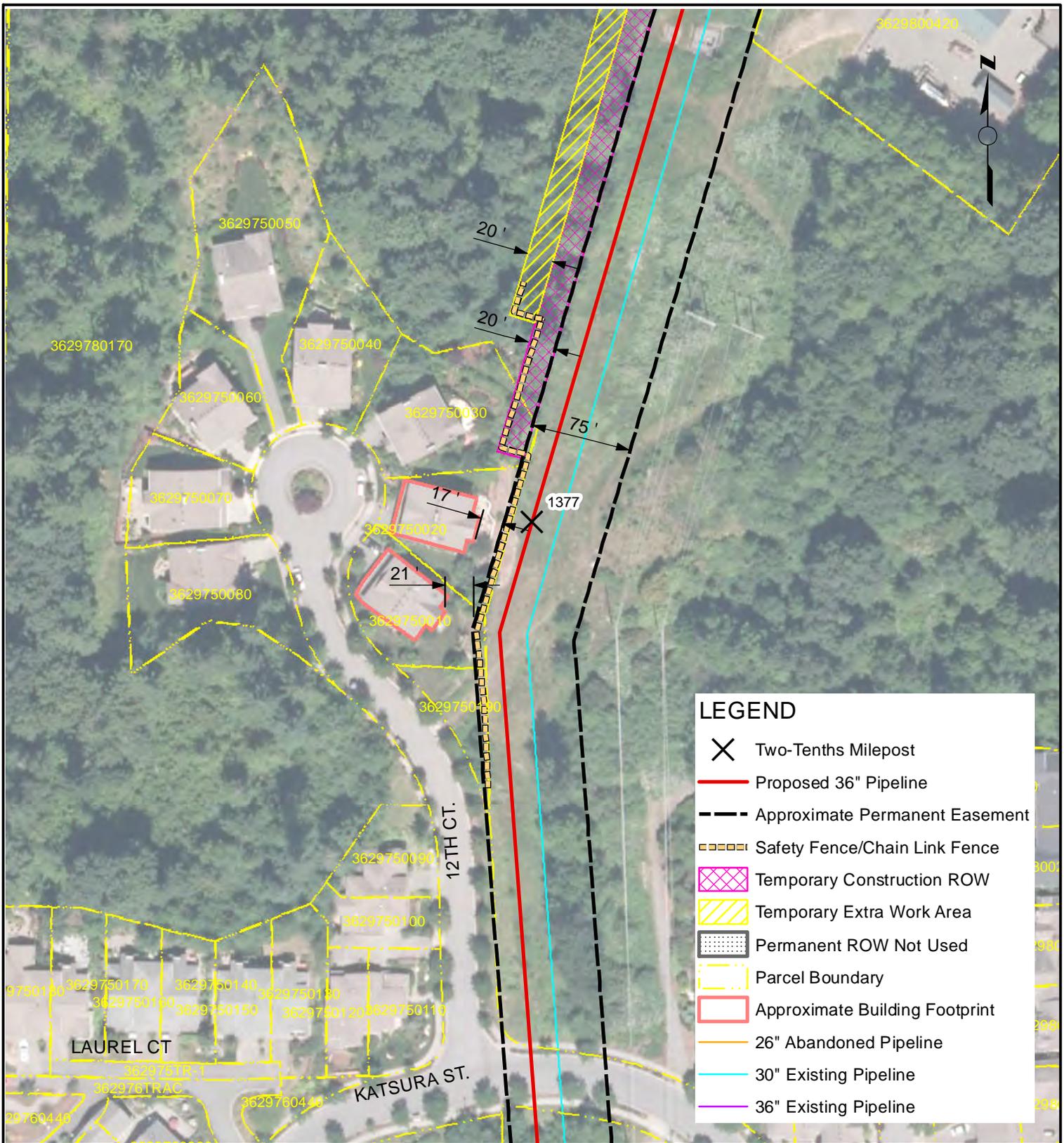
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NORTHWEST PIPELINE LLC  
 WASHINGTON EXPANSION PROJECT  
 RESIDENTIAL SITE SPECIFIC MAP  
 MP 1374  
 T-23-N, R-6-E, S-3  
 KING COUNTY, WASHINGTON



| REVISIONS |          |    |                                     |          |      |      | DRAWN BY: EKA    | DATE: 5/1/14 | ISSUED FOR BID:                | SCALE: 1" = 100' |
|-----------|----------|----|-------------------------------------|----------|------|------|------------------|--------------|--------------------------------|------------------|
| NO.       | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK. | APP. | CHECKED BY: JWD  | DATE:        | ISSUED FOR CONSTRUCTION:       |                  |
| 01        | 6/4/2013 | EA | REVIEW COMMENTS                     |          | KK   | WD   | APPROVED BY: JGT | DATE:        | DRAWING NUMBER: 1374.00 - 5009 | SHEET 9          |
| 02        | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD  | JGT  |                  |              |                                | OF 30            |



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NORTHWEST PIPELINE LLC  
 WASHINGTON EXPANSION PROJECT  
 RESIDENTIAL SITE SPECIFIC MAP  
 MP 1376.99  
 T-24-N, R-6-E, S-23  
 KING COUNTY, WASHINGTON



**REVISIONS**

| NO. | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK. | APP. |
|-----|----------|----|-------------------------------------|----------|------|------|
| 01  | 6/4/2013 | EA | REVIEW COMMENTS                     |          | KK   | WD   |
| 02  | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD  | JGT  |

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|------------------|--------------|---------------------------------|------------------|
| DRAWN BY: EKA    | DATE: 5/1/14 | ISSUED FOR BID:                 | SCALE: 1" = 100' |
| CHECKED BY: JWD  | DATE:        | ISSUED FOR CONSTRUCTION:        |                  |
| APPROVED BY: JGT | DATE:        | DRAWING NUMBER: 1376.98 - 50010 | SHEET 10 OF 30   |



**LEGEND**

- ✕ Two-Tenths Milepost
- Proposed 36" Pipeline
- - - Approximate Permanent Easement
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- ▨ Temporary Construction ROW
- ▨ Temporary Extra Work Area
- ▨ Permanent ROW Not Used
- ▭ Parcel Boundary
- ▭ Approximate Building Footprint
- 26" Abandoned Pipeline
- 30" Existing Pipeline
- 36" Existing Pipeline

**NOTES**

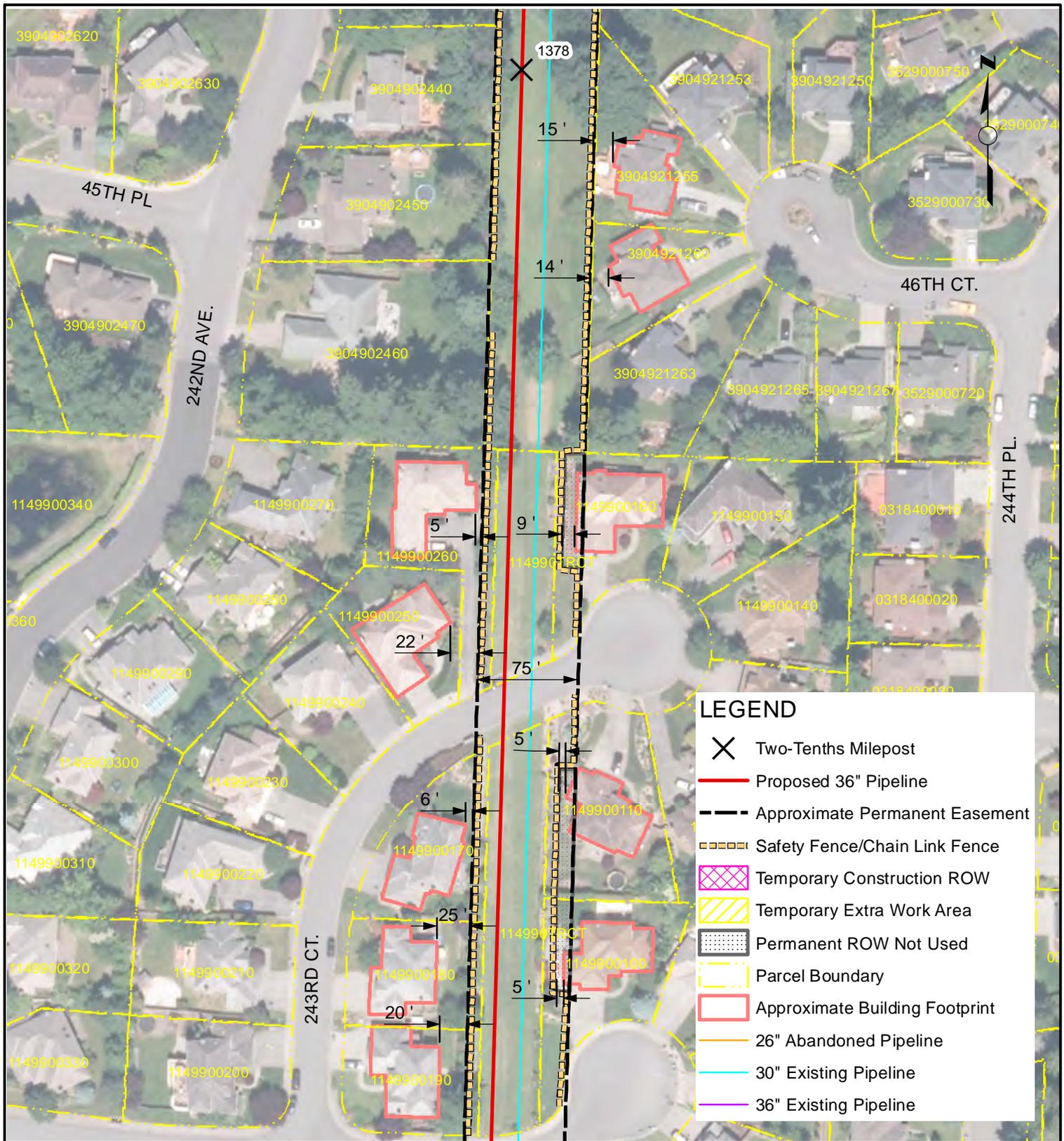
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**NORTHWEST PIPELINE LLC**  
**WASHINGTON EXPANSION PROJECT**  
**RESIDENTIAL SITE SPECIFIC MAP**  
**MP 1377.77**  
**T-24-N, R-6-E, S-15**  
**KING COUNTY, WASHINGTON**

| REVISIONS |          |    |                                     |          |           |
|-----------|----------|----|-------------------------------------|----------|-----------|
| NO.       | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK. APP. |
| 01        | 6/4/2013 | EA | REVIEW COMMENTS                     |          | KK WD     |
| 02        | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD JGT   |

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|------------------|--------------|---------------------------------|------------------|
| DRAWN BY: EKA    | DATE: 5/1/14 | ISSUED FOR BID:                 | SCALE: 1" = 100' |
| CHECKED BY: JWD  | DATE:        | ISSUED FOR CONSTRUCTION:        |                  |
| APPROVED BY: JGT | DATE:        | DRAWING NUMBER: 1377.77 - 50011 | SHEET 11 OF 30   |



**LEGEND**

- Two-Tenths Milepost
- Proposed 36" Pipeline
- Approximate Permanent Easement
- Safety Fence/Chain Link Fence
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- Temporary Extra Work Area
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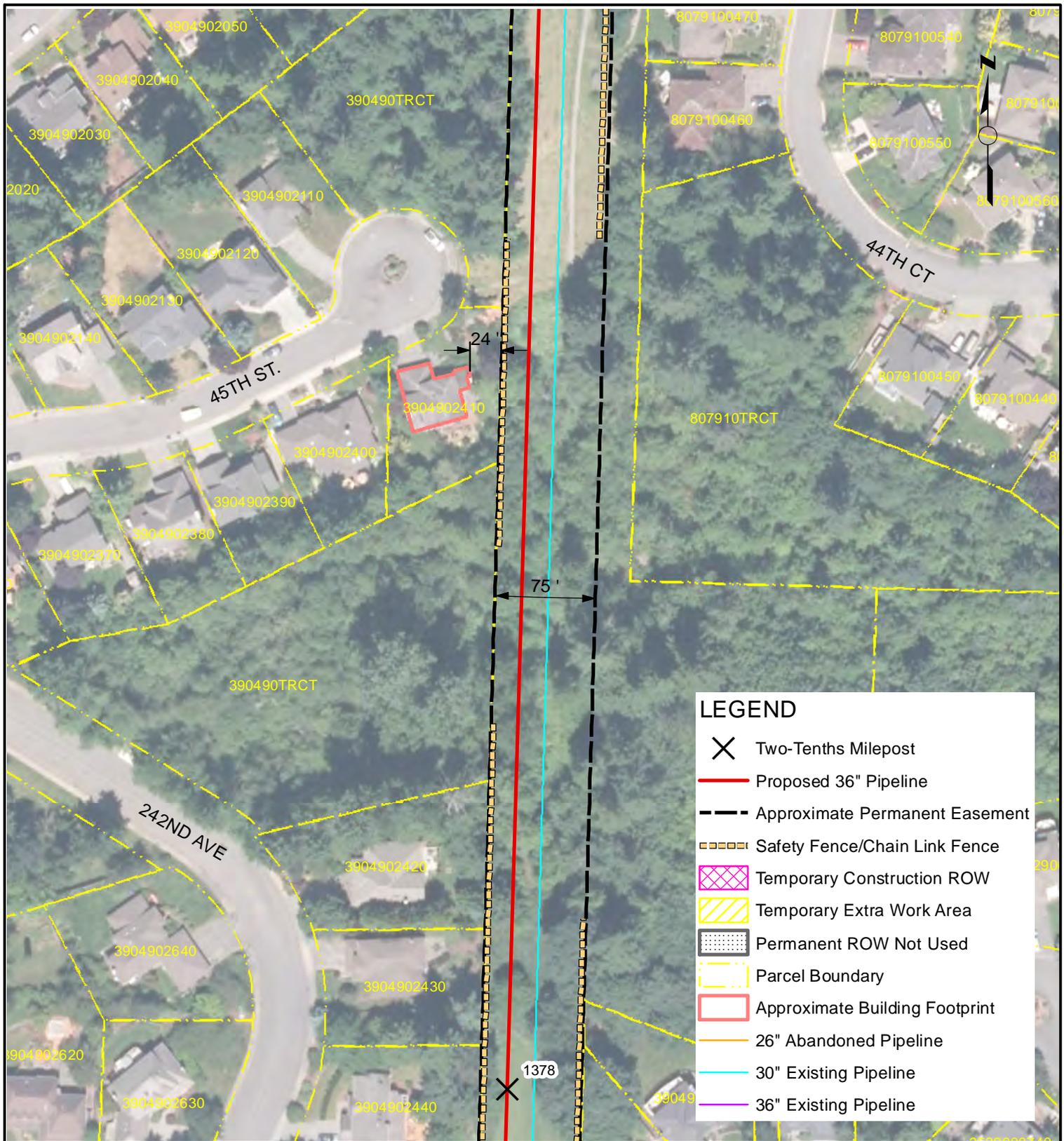
NORTHWEST PIPELINE LLC  
 WASHINGTON EXPANSION PROJECT  
 RESIDENTIAL SITE SPECIFIC MAP  
 MP 1377.92  
 T-24-N, R-6-E, S-15  
 KING COUNTY, WASHINGTON



**REVISIONS**

| NO. | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK. | APP. |
|-----|----------|----|-------------------------------------|----------|------|------|
| 01  | 6/4/2013 | EA | REVIEW COMMENTS                     |          | KK   | WD   |
| 02  | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD  | JGT  |

|                  |              |                                 |                  |
|------------------|--------------|---------------------------------|------------------|
| DRAWN BY: EKA    | DATE: 5/1/14 | ISSUED FOR BID:                 | SCALE: 1" = 100' |
| CHECKED BY: JWD  | DATE:        | ISSUED FOR CONSTRUCTION:        |                  |
| APPROVED BY: JGT | DATE:        | DRAWING NUMBER: 1377.92 - 50012 | SHEET 12 OF 30   |



**LEGEND**

- X Two-Tenths Milepost
- Proposed 36" Pipeline
- - - Approximate Permanent Easement
- - - Safety Fence/Chain Link Fence
- ▨ Temporary Construction ROW
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- ▨ Permanent ROW Not Used
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- 26" Abandoned Pipeline
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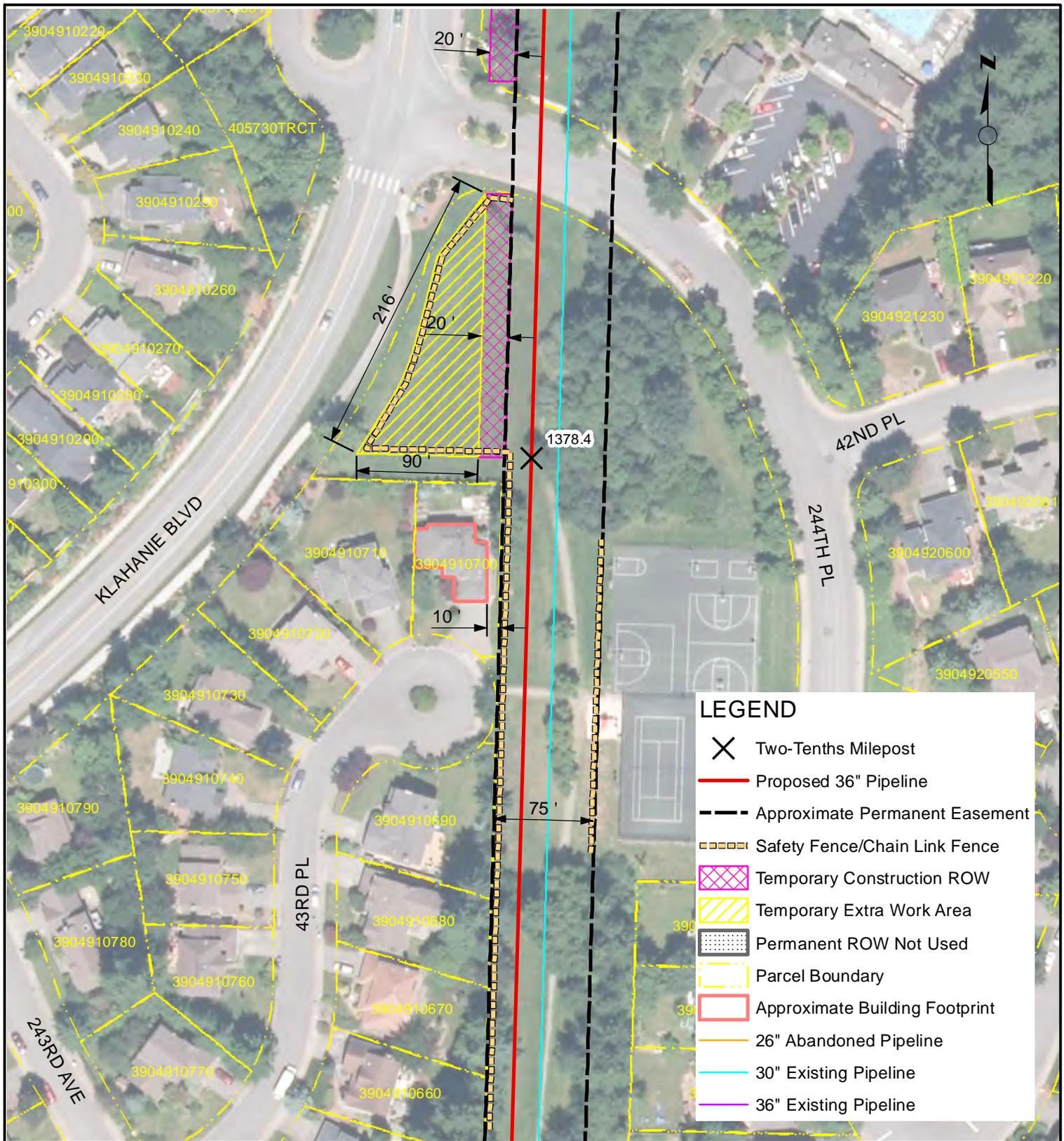
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**NORTHWEST PIPELINE LLC**  
**WASHINGTON EXPANSION PROJECT**  
**RESIDENTIAL SITE SPECIFIC MAP**  
**MP 1378.1**  
**T-24-N, R-6-E, S-15**  
**KING COUNTY, WASHINGTON**

| REVISIONS |          |    |                                     |          |      |      |
|-----------|----------|----|-------------------------------------|----------|------|------|
| NO.       | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK. | APP. |
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| CHECKED BY: JWD  | DATE:        | ISSUED FOR CONSTRUCTION:        |                  |
| APPROVED BY: JGT | DATE:        | DRAWING NUMBER: 1378.09 - 50013 | SHEET 13 OF 30   |



**LEGEND**

- ✕ Two-Tenths Milepost
- Proposed 36" Pipeline
- - - Approximate Permanent Easement
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- Temporary Construction ROW
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- Permanent ROW Not Used
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- 26" Abandoned Pipeline
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- 36" Existing Pipeline

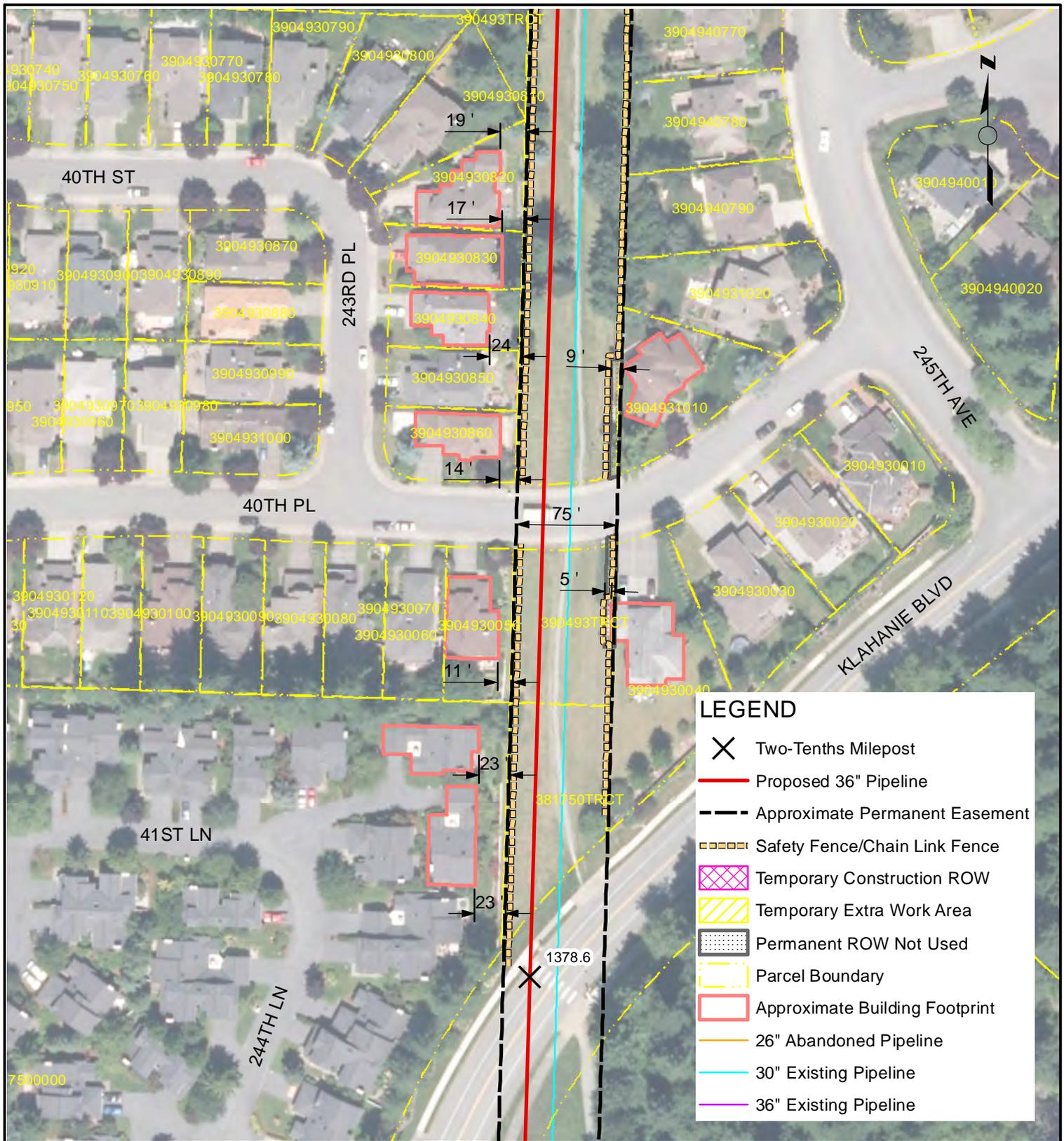
**NOTES**

NOTES:  
 1. Only structures intended for human occupancy are delineated as "residences" on these sheets. Outbuildings, garages, sheds, etc. may be present within 25-ft of the ROW and appropriate safety measures will be developed during the land acquisition and construction planning phase.  
 2. Non-residential structures within the construction workspace will be removed during construction. Removal details shall be addressed in accordance with current landowner agreements at the time of construction.

**NORTHWEST PIPELINE LLC**  
**WASHINGTON EXPANSION PROJECT**  
**RESIDENTIAL SITE SPECIFIC MAP**  
**MP 1378.39**  
**T-24-N, R-6-E, S-15**  
**KING COUNTY, WASHINGTON**

| REVISIONS |          |    |                                     |          |      |      |
|-----------|----------|----|-------------------------------------|----------|------|------|
| NO.       | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK. | APP. |
| 01        | 6/4/2013 | EA | REVIEW COMMENTS                     |          | KK   | WD   |
| 02        | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD  | JGT  |

|                  |              |                                 |                  |
|------------------|--------------|---------------------------------|------------------|
| DRAWN BY: EKA    | DATE: 5/1/14 | ISSUED FOR BID:                 | SCALE: 1" = 100' |
| CHECKED BY: JWD  | DATE:        | ISSUED FOR CONSTRUCTION:        |                  |
| APPROVED BY: JGT | DATE:        | DRAWING NUMBER: 1378.39 - 50014 | SHEET 14 OF 30   |



**LEGEND**

- ✕ Two-Tenths Milepost
- Proposed 36" Pipeline
- - - Approximate Permanent Easement
- ▤ Safety Fence/Chain Link Fence
- ▨ Temporary Construction ROW
- ▧ Temporary Extra Work Area
- ▩ Permanent ROW Not Used
- ▭ Parcel Boundary
- ▭ Approximate Building Footprint
- 26" Abandoned Pipeline
- 30" Existing Pipeline
- 36" Existing Pipeline

**NOTES**

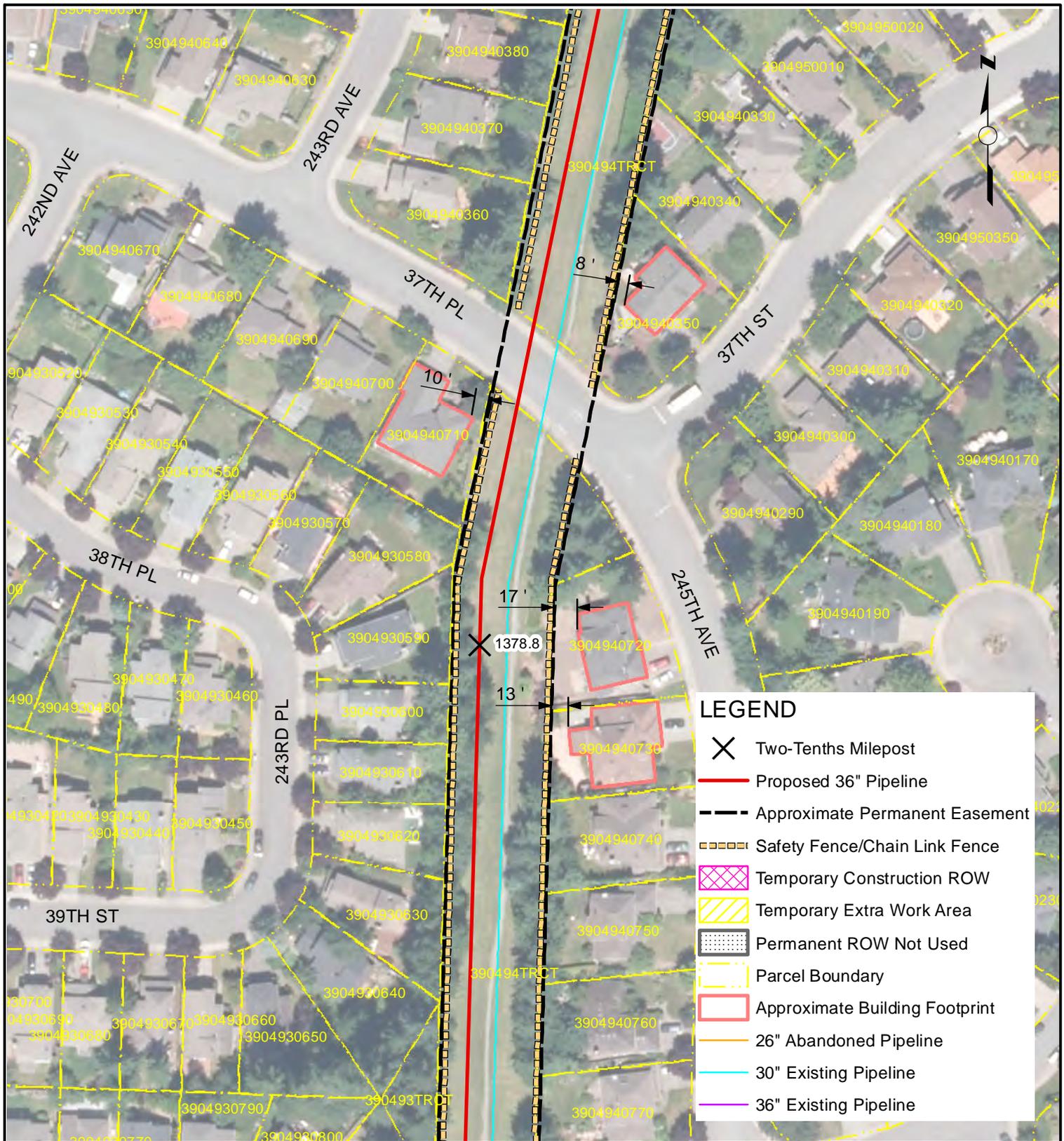
NOTES:  
 1. Only structures intended for human occupancy are delineated as "residences" on these sheets. Outbuildings, garages, sheds, etc. may be present within 25-ft of the ROW and appropriate safety measures will be developed during the land acquisition and construction planning phase.

2. Non-residential structures within the construction workspace will be removed during construction. Removal details shall be addressed in accordance with current landowner agreements at the time of construction.

**NORTHWEST PIPELINE LLC**  
**WASHINGTON EXPANSION PROJECT**  
**RESIDENTIAL SITE SPECIFIC MAP**  
**MP 1378.66**  
**T-24-N, R-6-E, S-10 & 15**  
**KING COUNTY, WASHINGTON**

| REVISIONS |          |    |                                     |          |            |
|-----------|----------|----|-------------------------------------|----------|------------|
| NO.       | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK. APPR. |
| 01        | 6/4/2013 | EA | REVIEW COMMENTS                     |          | KK WD      |
| 02        | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD JGT    |

|                  |              |                                 |                  |
|------------------|--------------|---------------------------------|------------------|
| DRAWN BY: EKA    | DATE: 5/1/14 | ISSUED FOR BID:                 | SCALE: 1" = 100' |
| CHECKED BY: JWD  | DATE:        | ISSUED FOR CONSTRUCTION:        |                  |
| APPROVED BY: JGT | DATE:        | DRAWING NUMBER: 1378.66 - 50015 | SHEET 15 OF 30   |



**LEGEND**

- X Two-Tenths Milepost
- Proposed 36" Pipeline
- - - Approximate Permanent Easement
- - - Safety Fence/Chain Link Fence
- ▨ Temporary Construction ROW
- ▧ Temporary Extra Work Area
- ▩ Permanent ROW Not Used
- - - Parcel Boundary
- ▭ Approximate Building Footprint
- 26" Abandoned Pipeline
- 30" Existing Pipeline
- 36" Existing Pipeline

**NOTES**

NOTES:  
 1. Only structures intended for human occupancy are delineated as "residences" on these sheets. Outbuildings, garages, sheds, etc. may be present within 25-ft of the ROW and appropriate safety measures will be developed during the land acquisition and construction planning phase.  
 2. Non-residential structures within the construction workspace will be removed during construction. Removal details shall be addressed in accordance with current landowner agreements at the time of construction.

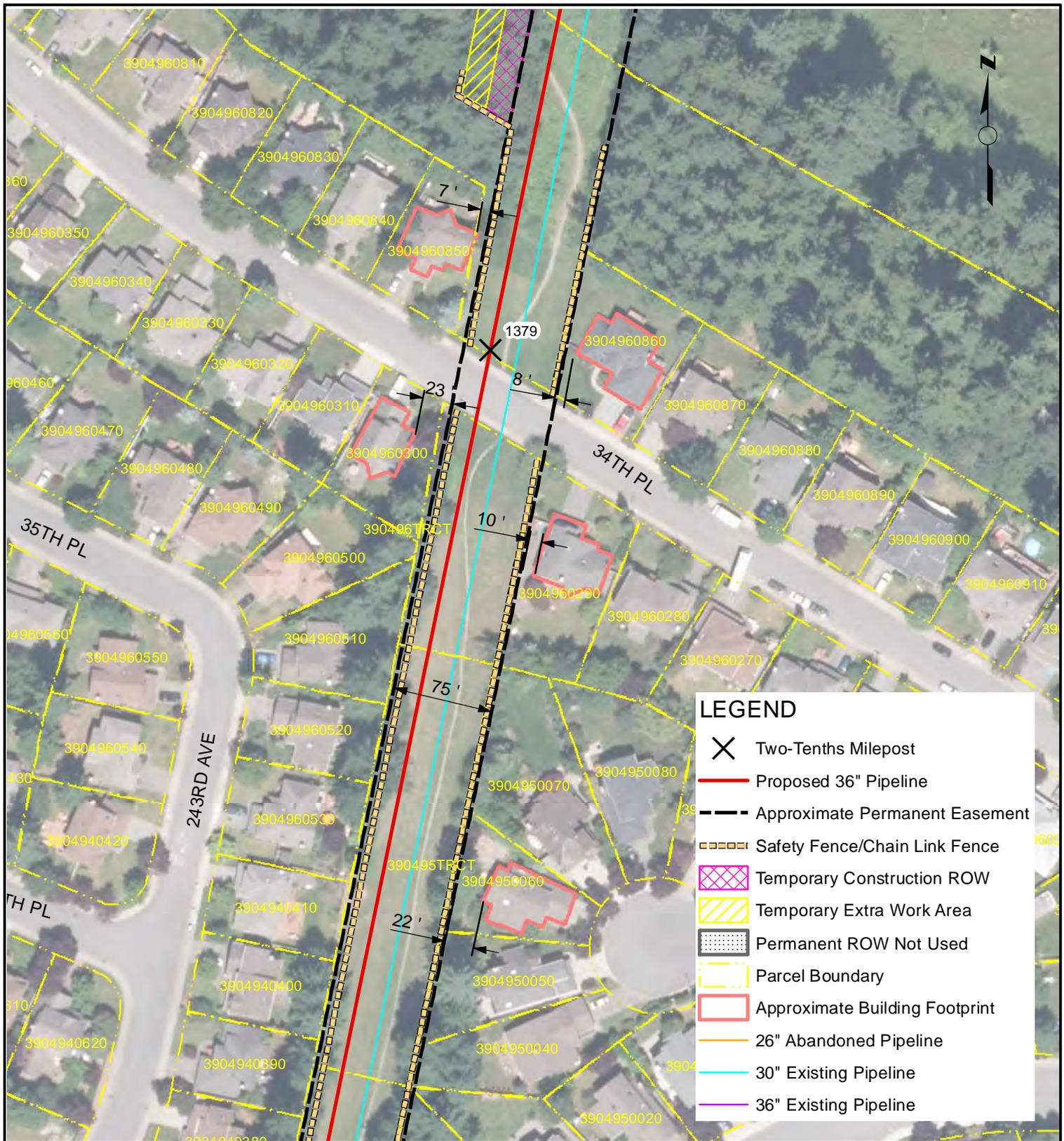
NORTHWEST PIPELINE LLC  
 WASHINGTON EXPANSION PROJECT  
 RESIDENTIAL SITE SPECIFIC MAP  
 MP 1378.81  
 T-24-N, R-6-E, S-10  
 KING COUNTY, WASHINGTON



**REVISIONS**

| NO. | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK. | APP. |
|-----|----------|----|-------------------------------------|----------|------|------|
| 01  | 6/4/2013 | EA | REVIEW COMMENTS                     |          | KK   | WD   |
| 02  | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD  | JGT  |

|                  |              |                                 |                  |
|------------------|--------------|---------------------------------|------------------|
| DRAWN BY: EKA    | DATE: 5/1/14 | ISSUED FOR BID:                 | SCALE: 1" = 100' |
| CHECKED BY: JWD  | DATE:        | ISSUED FOR CONSTRUCTION:        |                  |
| APPROVED BY: JGT | DATE:        | DRAWING NUMBER: 1378.81 - 50016 | SHEET 16 OF 30   |



**LEGEND**

- X Two-Tenths Milepost
- Proposed 36" Pipeline
- - - Approximate Permanent Easement
- - - Safety Fence/Chain Link Fence
- Temporary Construction ROW
- Temporary Extra Work Area
- Permanent ROW Not Used
- Parcel Boundary
- Approximate Building Footprint
- 26" Abandoned Pipeline
- 30" Existing Pipeline
- 36" Existing Pipeline

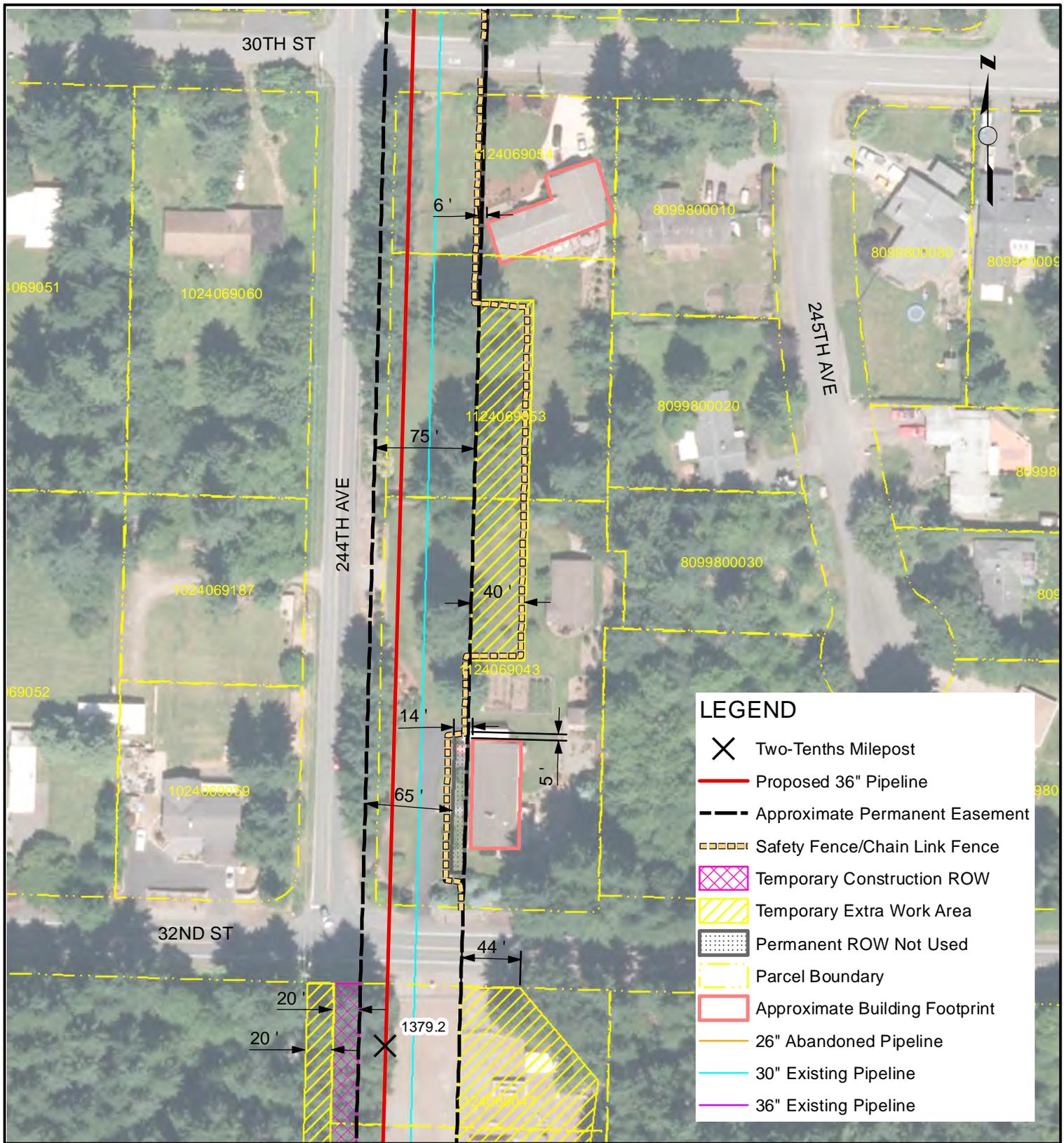
**NOTES**

NOTES:  
 1. Only structures intended for human occupancy are delineated as "residences" on these sheets. Outbuildings, garages, sheds, etc. may be present within 25-ft of the ROW and appropriate safety measures will be developed during the land acquisition and construction planning phase.  
 2. Non-residential structures within the construction workspace will be removed during construction. Removal details shall be addressed in accordance with current landowner agreements at the time of construction.

NORTHWEST PIPELINE LLC  
 WASHINGTON EXPANSION PROJECT  
 RESIDENTIAL SITE SPECIFIC MAP  
 MP 1378.97  
 T-24-N, R-6-E, S-10 & 11  
 KING COUNTY, WASHINGTON



| REVISIONS |          |    |                                     | DRAWN BY: EKA | DATE: 5/1/14 | ISSUED FOR BID: | SCALE: 1" = 100' |       |                                 |
|-----------|----------|----|-------------------------------------|---------------|--------------|-----------------|------------------|-------|---------------------------------|
| NO.       | DATE     | BY | DESCRIPTION                         | W.O. NO.      | CHK.         | APP.            | CHECKED BY: JWD  | DATE: | ISSUED FOR CONSTRUCTION:        |
| 01        | 6/4/2013 | EA | REVIEW COMMENTS                     |               | KK           | WD              | APPROVED BY: JGT | DATE: | DRAWING NUMBER: 1378.96 - 50017 |
| 02        | 5/1/2014 | RC | Issued for FERC Supplemental Filing |               | JWD          | JGT             |                  |       | SHEET 17 OF 30                  |



**LEGEND**

- X Two-Tenths Milepost
- Proposed 36" Pipeline
- - - Approximate Permanent Easement
- - - Safety Fence/Chain Link Fence
- ▨ Temporary Construction ROW
- ▨ Temporary Extra Work Area
- ▨ Permanent ROW Not Used
- ▭ Parcel Boundary
- ▭ Approximate Building Footprint
- 26" Abandoned Pipeline
- 30" Existing Pipeline
- 36" Existing Pipeline

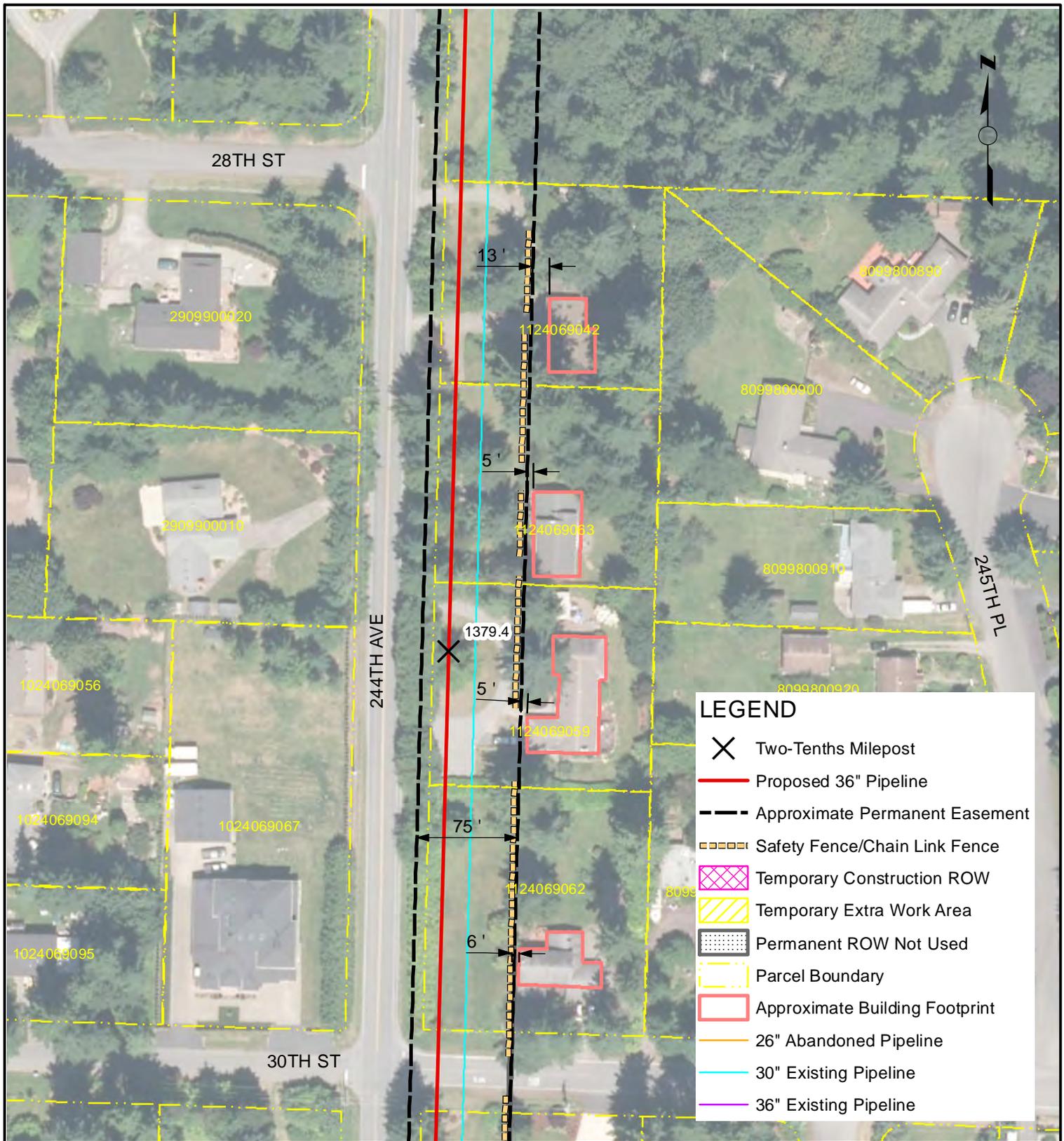
**NOTES**

NOTES:  
 1. Only structures intended for human occupancy are delineated as "residences" on these sheets. Outbuildings, garages, sheds, etc. may be present within 25-ft of the ROW and appropriate safety measures will be developed during the land acquisition and construction planning phase.  
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**NORTHWEST PIPELINE LLC**  
**WASHINGTON EXPANSION PROJECT**  
**RESIDENTIAL SITE SPECIFIC MAP**  
**MP 1379.28**  
**T-24-N, R-6-E, S-11**  
**KING COUNTY, WASHINGTON**

| REVISIONS |          |    |                                     |          |           |
|-----------|----------|----|-------------------------------------|----------|-----------|
| NO.       | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK. APP. |
| 01        | 6/4/2013 | EA | REVIEW COMMENTS                     |          | KK WD     |
| 02        | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD JGT   |

|                  |              |                                 |                  |
|------------------|--------------|---------------------------------|------------------|
| DRAWN BY: EKA    | DATE: 5/1/14 | ISSUED FOR BID:                 | SCALE: 1" = 100' |
| CHECKED BY: JWD  | DATE:        | ISSUED FOR CONSTRUCTION:        |                  |
| APPROVED BY: JGT | DATE:        | DRAWING NUMBER: 1379.28 - 50018 | SHEET 18 OF 30   |



**LEGEND**

- ✕ Two-Tenths Milepost
- Proposed 36" Pipeline
- - - Approximate Permanent Easement
- ▤ Safety Fence/Chain Link Fence
- ▨ Temporary Construction ROW
- ▧ Temporary Extra Work Area
- ▩ Permanent ROW Not Used
- ▭ Parcel Boundary
- ▭ Approximate Building Footprint
- 26" Abandoned Pipeline
- 30" Existing Pipeline
- 36" Existing Pipeline

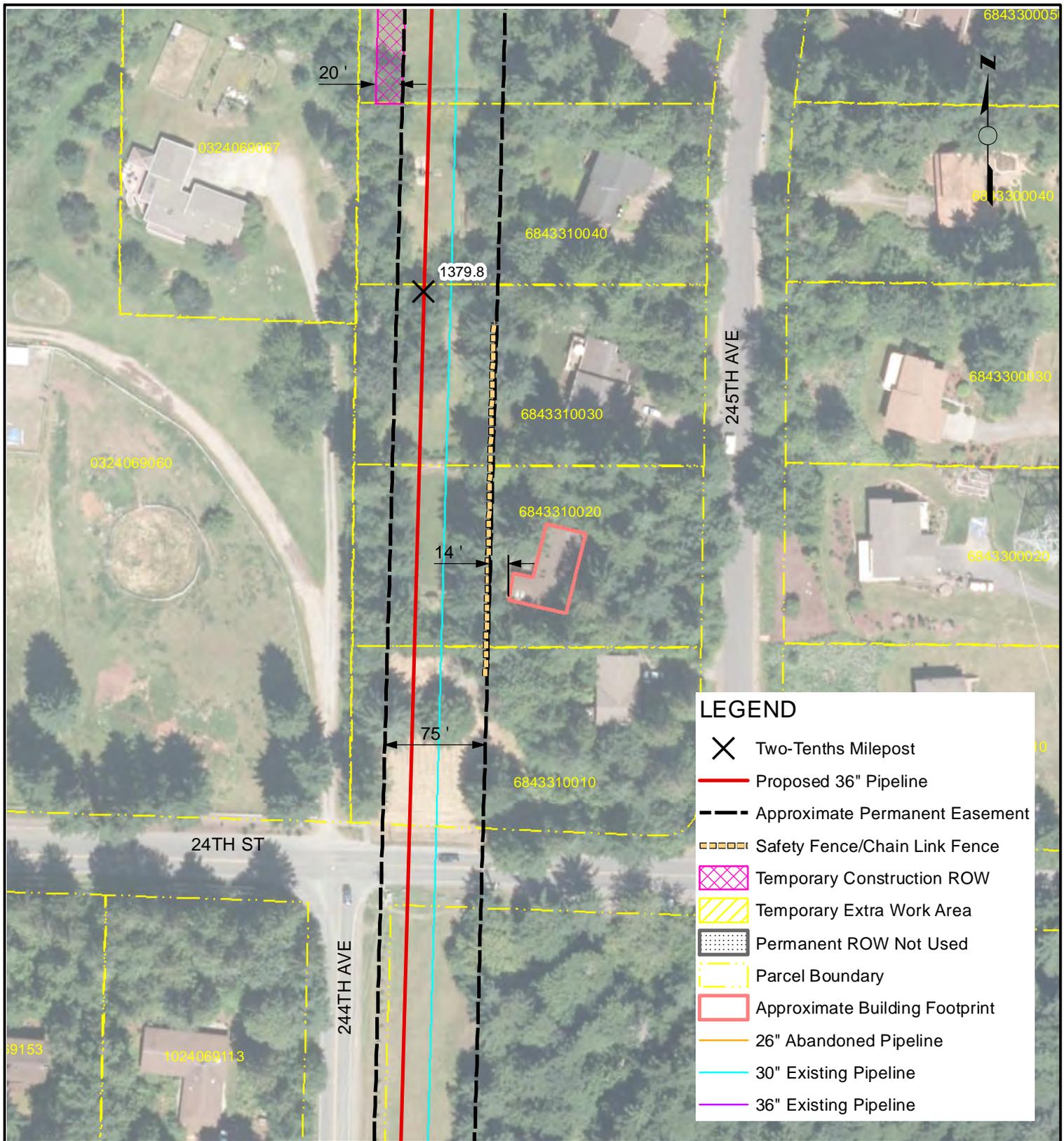
**NOTES**

NOTES:  
 1. Only structures intended for human occupancy are delineated as "residences" on these sheets. Outbuildings, garages, sheds, etc. may be present within 25-ft of the ROW and appropriate safety measures will be developed during the land acquisition and construction planning phase.  
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**NORTHWEST PIPELINE LLC**  
**WASHINGTON EXPANSION PROJECT**  
**RESIDENTIAL SITE SPECIFIC MAP**  
**MP 1379.41**  
**T-24-N, R-6-E, S-11**  
**KING COUNTY, WASHINGTON**

| REVISIONS |          |    |                                     |          |      |      |
|-----------|----------|----|-------------------------------------|----------|------|------|
| NO.       | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK. | APP. |
| 01        | 6/4/2013 | EA | REVIEW COMMENTS                     |          | KK   | WD   |
| 02        | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD  | JGT  |

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|------------------|--------------|---------------------------------|------------------|
| DRAWN BY: EKA    | DATE: 5/1/14 | ISSUED FOR BID:                 | SCALE: 1" = 100' |
| CHECKED BY: JWD  | DATE:        | ISSUED FOR CONSTRUCTION:        |                  |
| APPROVED BY: JGT | DATE:        | DRAWING NUMBER: 1379.41 - 50019 | SHEET 19 OF 30   |



**LEGEND**

- X Two-Tenths Milepost
- Proposed 36" Pipeline
- - - Approximate Permanent Easement
- - - Safety Fence/Chain Link Fence
- Temporary Construction ROW
- Temporary Extra Work Area
- Permanent ROW Not Used
- Parcel Boundary
- Approximate Building Footprint
- 26" Abandoned Pipeline
- 30" Existing Pipeline
- 36" Existing Pipeline

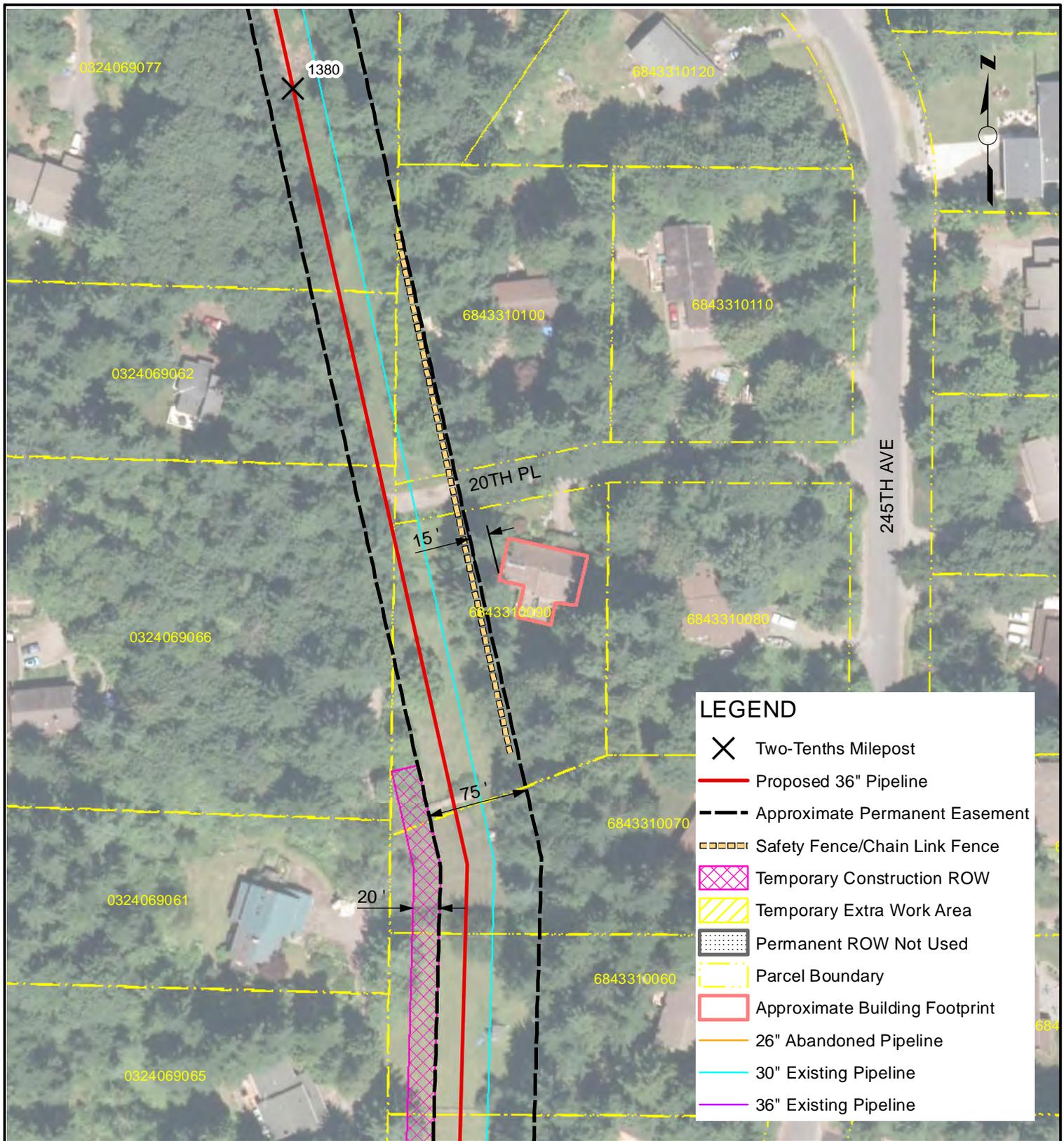
**NOTES**

NOTES:  
 1. Only structures intended for human occupancy are delineated as "residences" on these sheets. Outbuildings, garages, sheds, etc. may be present within 25-ft of the ROW and appropriate safety measures will be developed during the land acquisition and construction planning phase.  
 2. Non-residential structures within the construction workspace will be removed during construction. Removal details shall be addressed in accordance with current landowner agreements at the time of construction.

**NORTHWEST PIPELINE LLC**  
**WASHINGTON EXPANSION PROJECT**  
**RESIDENTIAL SITE SPECIFIC MAP**  
**MP 1379.76**  
**T-24-N, R-6-E, S-2**  
**KING COUNTY, WASHINGTON**

| REVISIONS |          |    |                                     |          |      |      |
|-----------|----------|----|-------------------------------------|----------|------|------|
| NO.       | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK. | APP. |
| 01        | 6/4/2013 | EA | REVIEW COMMENTS                     |          | KK   | WD   |
| 02        | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD  | JGT  |

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|------------------|--------------|---------------------------------|------------------|
| DRAWN BY: EKA    | DATE: 5/1/14 | ISSUED FOR BID:                 | SCALE: 1" = 100' |
| CHECKED BY: JWD  | DATE:        | ISSUED FOR CONSTRUCTION:        |                  |
| APPROVED BY: JGT | DATE:        | DRAWING NUMBER: 1379.76 - 50020 | SHEET 20 OF 30   |



**LEGEND**

- X Two-Tenths Milepost
- Proposed 36" Pipeline
- - - Approximate Permanent Easement
- - - Safety Fence/Chain Link Fence
- Temporary Construction ROW
- Temporary Extra Work Area
- Permanent ROW Not Used
- Parcel Boundary
- Approximate Building Footprint
- 26" Abandoned Pipeline
- 30" Existing Pipeline
- 36" Existing Pipeline

**NOTES**

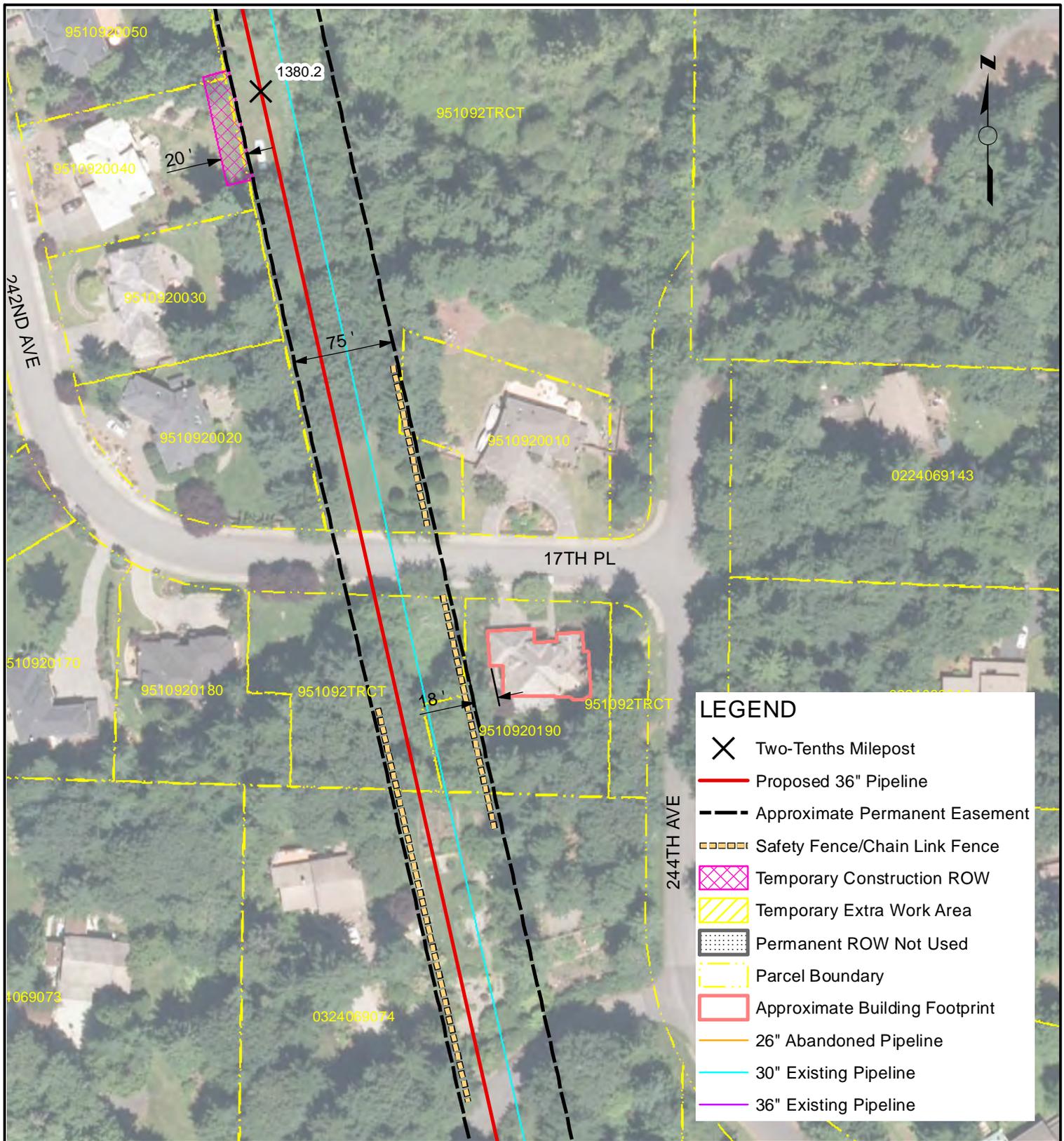
NOTES:  
 1. Only structures intended for human occupancy are delineated as "residences" on these sheets. Outbuildings, garages, sheds, etc. may be present within 25-ft of the ROW and appropriate safety measures will be developed during the land acquisition and construction planning phase.  
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**NORTHWEST PIPELINE LLC**  
**WASHINGTON EXPANSION PROJECT**  
**RESIDENTIAL SITE SPECIFIC MAP**  
**MP 1379.92**  
**T-24-N, R-6-E, S-2**  
**KING COUNTY, WASHINGTON**

| REVISIONS |          |    |                                     |          |      |      |
|-----------|----------|----|-------------------------------------|----------|------|------|
| NO.       | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK. | APP. |
| 01        | 6/4/2013 | EA | REVIEW COMMENTS                     |          | KK   | WD   |
| 02        | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD  | JGT  |

|                  |              |                                 |                  |
|------------------|--------------|---------------------------------|------------------|
| DRAWN BY: EKA    | DATE: 5/1/14 | ISSUED FOR BID:                 | SCALE: 1" = 100' |
| CHECKED BY: JWD  | DATE:        | ISSUED FOR CONSTRUCTION:        |                  |
| APPROVED BY: JGT | DATE:        | DRAWING NUMBER: 1379.92 - 50021 | SHEET 21 OF 30   |





**LEGEND**

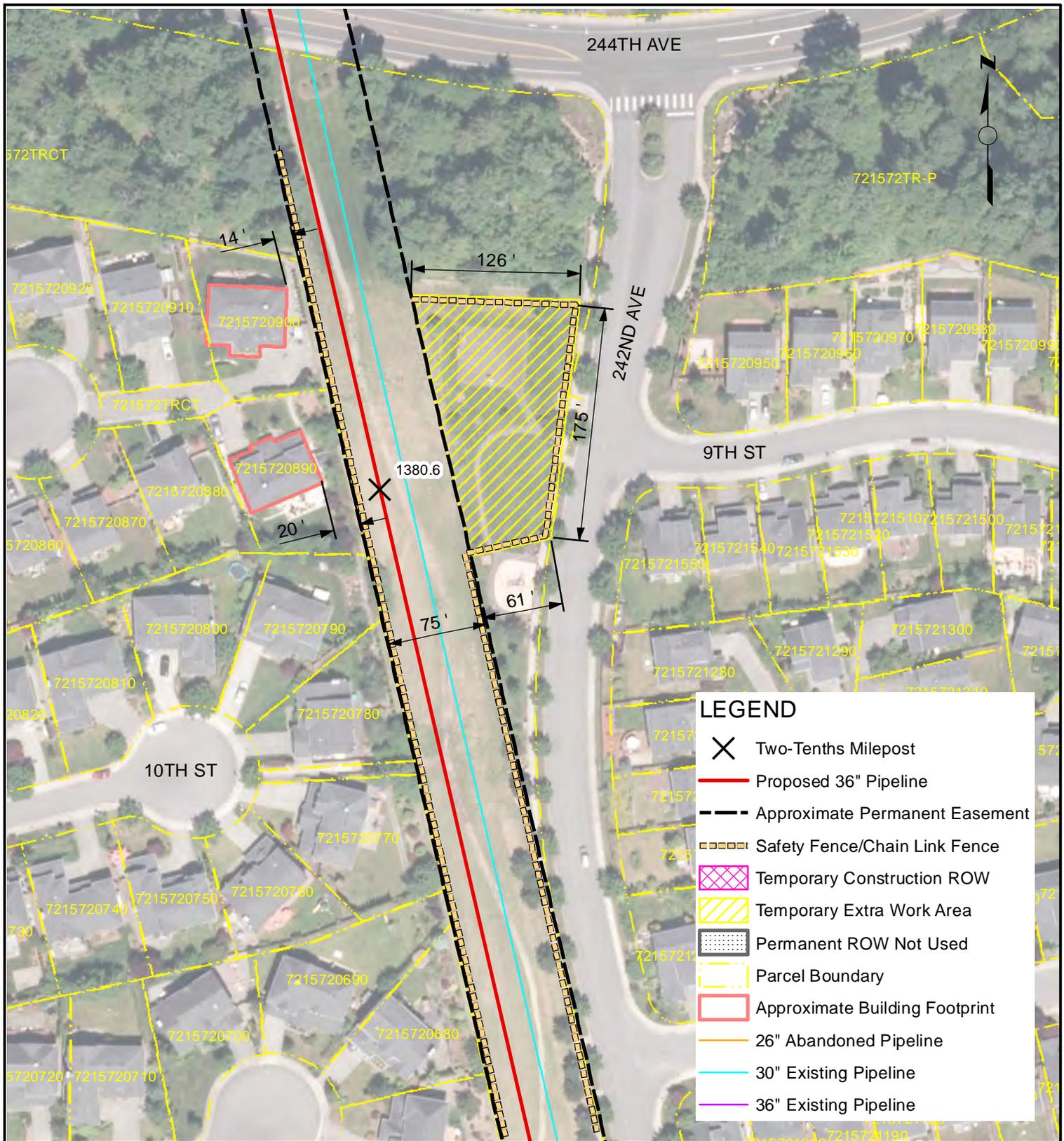
- X Two-Tenths Milepost
- Proposed 36" Pipeline
- - - Approximate Permanent Easement
- - - Safety Fence/Chain Link Fence
- Temporary Construction ROW
- Temporary Extra Work Area
- Permanent ROW Not Used
- Parcel Boundary
- Approximate Building Footprint
- 26" Abandoned Pipeline
- 30" Existing Pipeline
- 36" Existing Pipeline

**NOTES**

NOTES:  
 1. Only structures intended for human occupancy are delineated as "residences" on these sheets. Outbuildings, garages, sheds, etc. may be present within 25-ft of the ROW and appropriate safety measures will be developed during the land acquisition and construction planning phase.  
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**NORTHWEST PIPELINE LLC**  
**WASHINGTON EXPANSION PROJECT**  
**RESIDENTIAL SITE SPECIFIC MAP**  
**MP 1380.13**  
**T-24-N, R-6-E, S-3**  
**KING COUNTY, WASHINGTON**

| REVISIONS |          |    |                                     |          |      |      | DRAWN BY: EKA    | DATE: 5/1/14 | ISSUED FOR BID:                 | SCALE: 1" = 100' |
|-----------|----------|----|-------------------------------------|----------|------|------|------------------|--------------|---------------------------------|------------------|
| NO.       | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK. | APP. | CHECKED BY: JWD  | DATE:        | ISSUED FOR CONSTRUCTION:        |                  |
| 01        | 6/4/2013 | EA | REVIEW COMMENTS                     |          | KK   | WD   | APPROVED BY: JGT | DATE:        | DRAWING NUMBER: 1380.12 - 50022 | SHEET 23         |
| 02        | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD  | JGT  |                  |              |                                 | OF 30            |



**LEGEND**

- ✕ Two-Tenths Milepost
- Proposed 36" Pipeline
- - - Approximate Permanent Easement
- ▤ Safety Fence/Chain Link Fence
- ▨ Temporary Construction ROW
- ▧ Temporary Extra Work Area
- ▩ Permanent ROW Not Used
- ▭ Parcel Boundary
- ▭ Approximate Building Footprint
- 26" Abandoned Pipeline
- 30" Existing Pipeline
- 36" Existing Pipeline

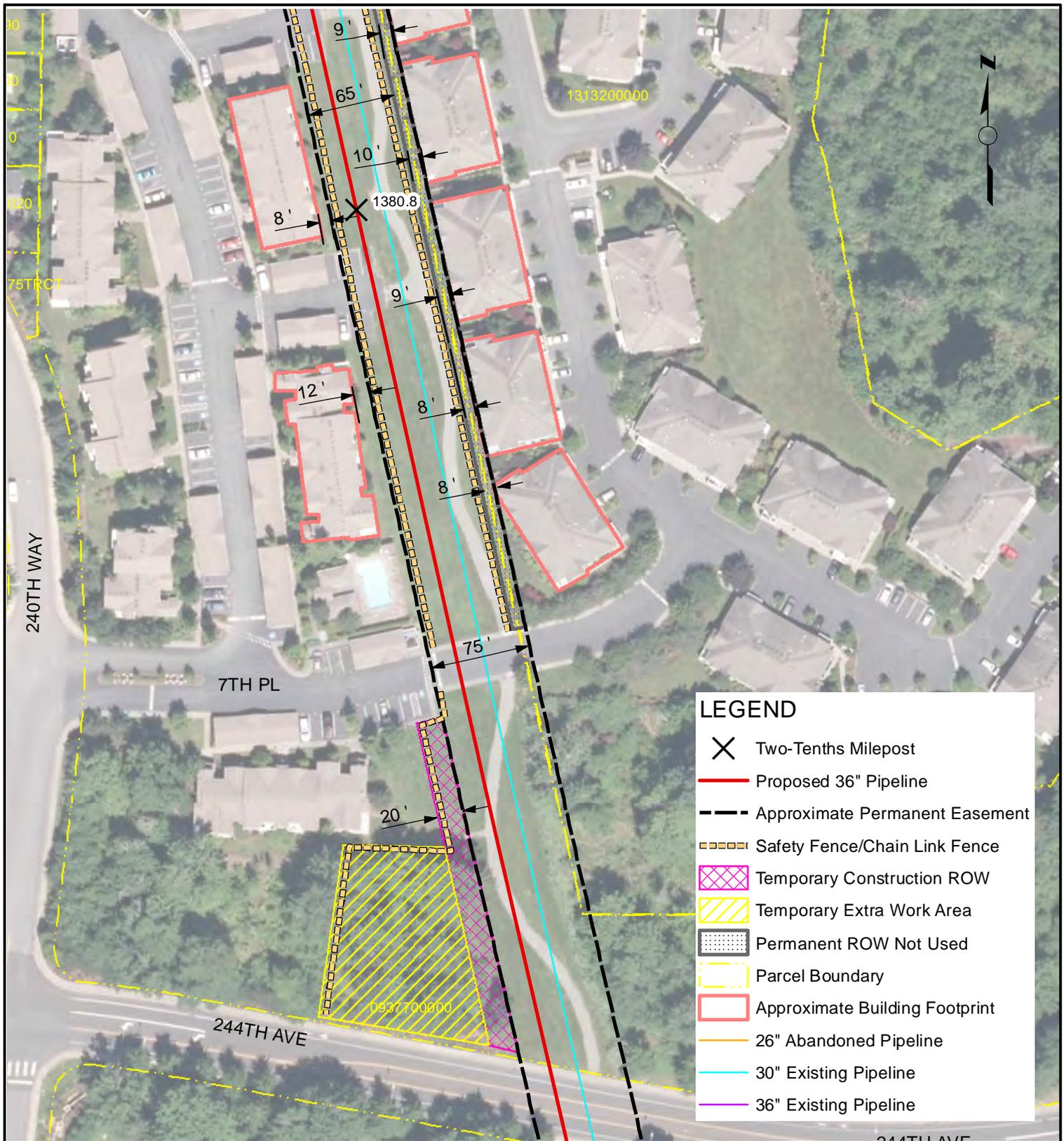
**NOTES**

NOTES:  
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**NORTHWEST PIPELINE LLC**  
**WASHINGTON EXPANSION PROJECT**  
**RESIDENTIAL SITE SPECIFIC MAP**  
**MP 1380.57**  
**T-24-N, R-6-E, S-3**  
**KING COUNTY, WASHINGTON**

| REVISIONS |          |    |                                     |          |      |      |
|-----------|----------|----|-------------------------------------|----------|------|------|
| NO.       | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK. | APP. |
| 01        | 6/4/2013 | EA | REVIEW COMMENTS                     |          | KK   | WD   |
| 02        | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD  | JGT  |

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|------------------|--------------|---------------------------------|------------------|
| DRAWN BY: EKA    | DATE: 5/1/14 | ISSUED FOR BID:                 | SCALE: 1" = 100' |
| CHECKED BY: JWD  | DATE:        | ISSUED FOR CONSTRUCTION:        |                  |
| APPROVED BY: JGT | DATE:        | DRAWING NUMBER: 1380.56 - 50024 | SHEET 24 OF 30   |



**LEGEND**

- ✕ Two-Tenths Milepost
- Proposed 36" Pipeline
- - - Approximate Permanent Easement
- - - Safety Fence/Chain Link Fence
- ▨ Temporary Construction ROW
- ▨ Temporary Extra Work Area
- ▨ Permanent ROW Not Used
- - - Parcel Boundary
- ▭ Approximate Building Footprint
- 26" Abandoned Pipeline
- 30" Existing Pipeline
- 36" Existing Pipeline

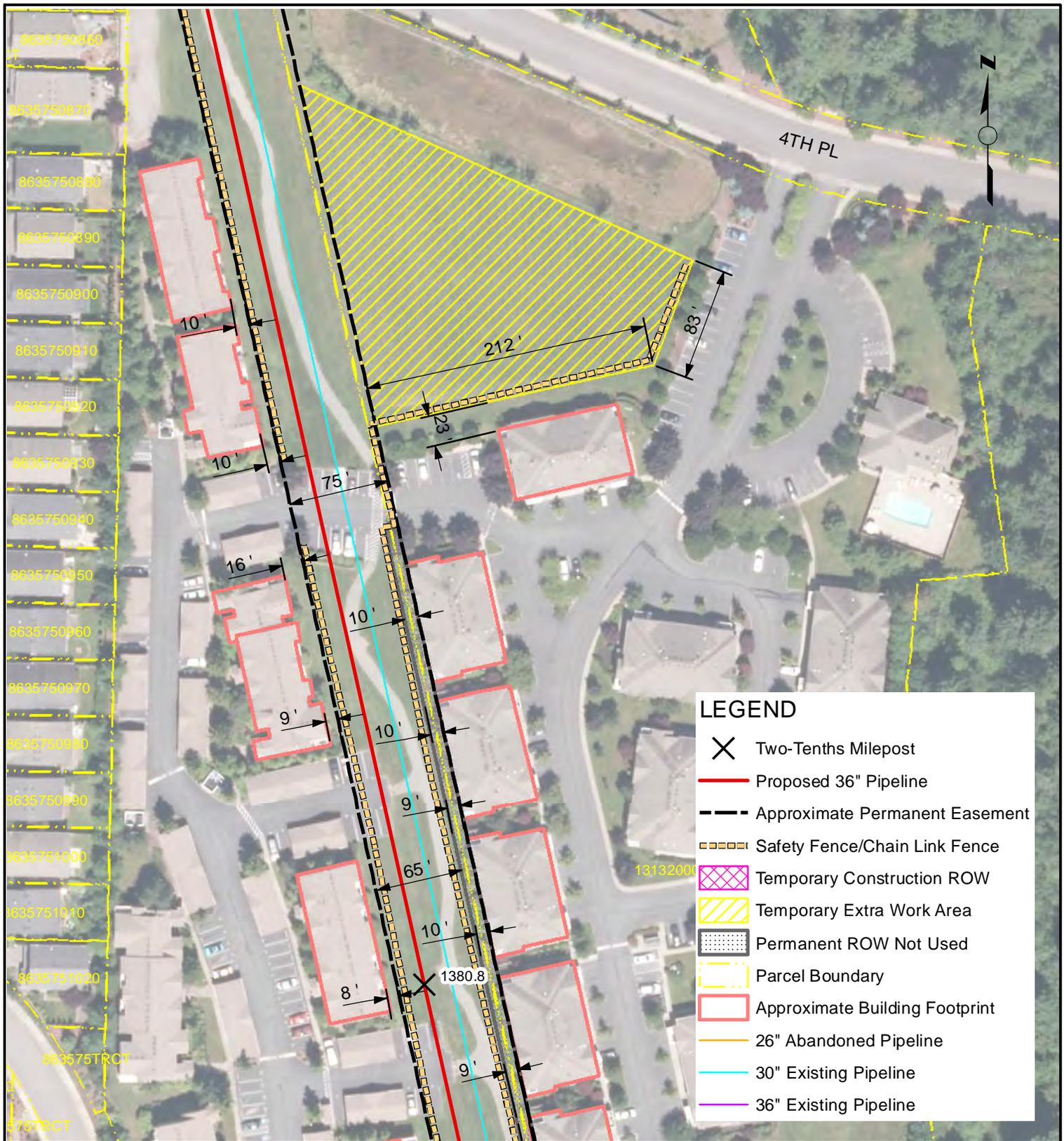
**NOTES**

NOTES:  
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**NORTHWEST PIPELINE LLC**  
**WASHINGTON EXPANSION PROJECT**  
**RESIDENTIAL SITE SPECIFIC MAP**  
**MP 1380.75**  
**T-25-N, R-6-E, S-34**  
**KING COUNTY, WASHINGTON**

| REVISIONS |          |    |                                     |          |      |      |
|-----------|----------|----|-------------------------------------|----------|------|------|
| NO.       | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK. | APP. |
| 01        | 6/4/2013 | EA | REVIEW COMMENTS                     |          | KK   | WD   |
| 02        | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD  | JGT  |

|                  |              |                                 |                  |
|------------------|--------------|---------------------------------|------------------|
| DRAWN BY: EKA    | DATE: 5/1/14 | ISSUED FOR BID:                 | SCALE: 1" = 100' |
| CHECKED BY: JWD  | DATE:        | ISSUED FOR CONSTRUCTION:        |                  |
| APPROVED BY: JGT | DATE:        | DRAWING NUMBER: 1380.75 - 50025 | SHEET 25 OF 30   |



**LEGEND**

- X Two-Tenths Milepost
- Proposed 36" Pipeline
- - - Approximate Permanent Easement
- - - Safety Fence/Chain Link Fence
- ▨ Temporary Construction ROW
- ▨ Temporary Extra Work Area
- ▨ Permanent ROW Not Used
- - - Parcel Boundary
- ▭ Approximate Building Footprint
- 26" Abandoned Pipeline
- 30" Existing Pipeline
- 36" Existing Pipeline

**NOTES**

NOTES:  
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**NORTHWEST PIPELINE LLC**  
**WASHINGTON EXPANSION PROJECT**  
**RESIDENTIAL SITE SPECIFIC MAP**  
**MP 1380.85**  
**T-25-N, R-6-E, S-34**  
**KING COUNTY, WASHINGTON**

| REVISIONS |          |    |                                     |          |           |
|-----------|----------|----|-------------------------------------|----------|-----------|
| NO.       | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK. APP. |
| 01        | 6/4/2013 | EA | REVIEW COMMENTS                     |          | KK WD     |
| 02        | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD JGT   |

|                  |              |                                 |                  |
|------------------|--------------|---------------------------------|------------------|
| DRAWN BY: EKA    | DATE: 5/1/14 | ISSUED FOR BID:                 | SCALE: 1" = 100' |
| CHECKED BY: JWD  | DATE:        | ISSUED FOR CONSTRUCTION:        |                  |
| APPROVED BY: JGT | DATE:        | DRAWING NUMBER: 1380.84 - 50026 | SHEET 26 OF 30   |



**LEGEND**

- ✕ Two-Tenths Milepost
- Proposed 36" Pipeline
- - - Approximate Permanent Easement
- ▤ Safety Fence/Chain Link Fence
- ▨ Temporary Construction ROW
- ▧ Temporary Extra Work Area
- ▩ Permanent ROW Not Used
- ▭ Parcel Boundary
- ▭ Approximate Building Footprint
- 26" Abandoned Pipeline
- 30" Existing Pipeline
- 36" Existing Pipeline

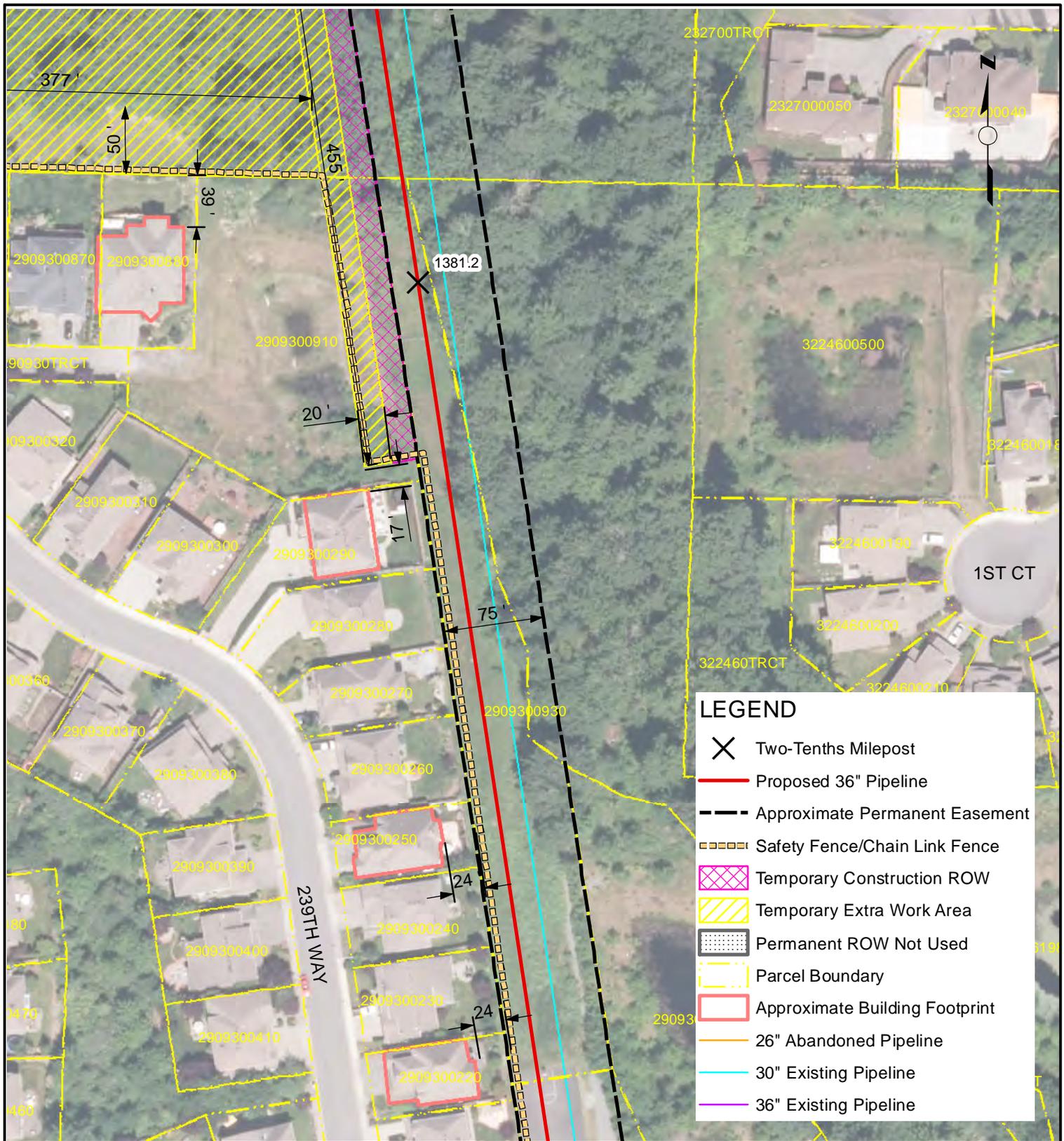
**NOTES**

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**NORTHWEST PIPELINE LLC**  
**WASHINGTON EXPANSION PROJECT**  
**RESIDENTIAL SITE SPECIFIC MAP**  
**MP 1381**  
**T-25-N, R-6-E, S-34**  
**KING COUNTY, WASHINGTON**

| REVISIONS |          |    |                                     |          |           |
|-----------|----------|----|-------------------------------------|----------|-----------|
| NO.       | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK. APP. |
| 01        | 6/4/2013 | EA | REVIEW COMMENTS                     |          | KK WD     |
| 02        | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD JGT   |

|                  |              |                              |                  |
|------------------|--------------|------------------------------|------------------|
| DRAWN BY: EKA    | DATE: 5/1/14 | ISSUED FOR BID:              | SCALE: 1" = 100' |
| CHECKED BY: JWD  | DATE:        | ISSUED FOR CONSTRUCTION:     |                  |
| APPROVED BY: JGT | DATE:        | DRAWING NUMBER: 1381 - 50027 | SHEET 27 OF 30   |



**LEGEND**

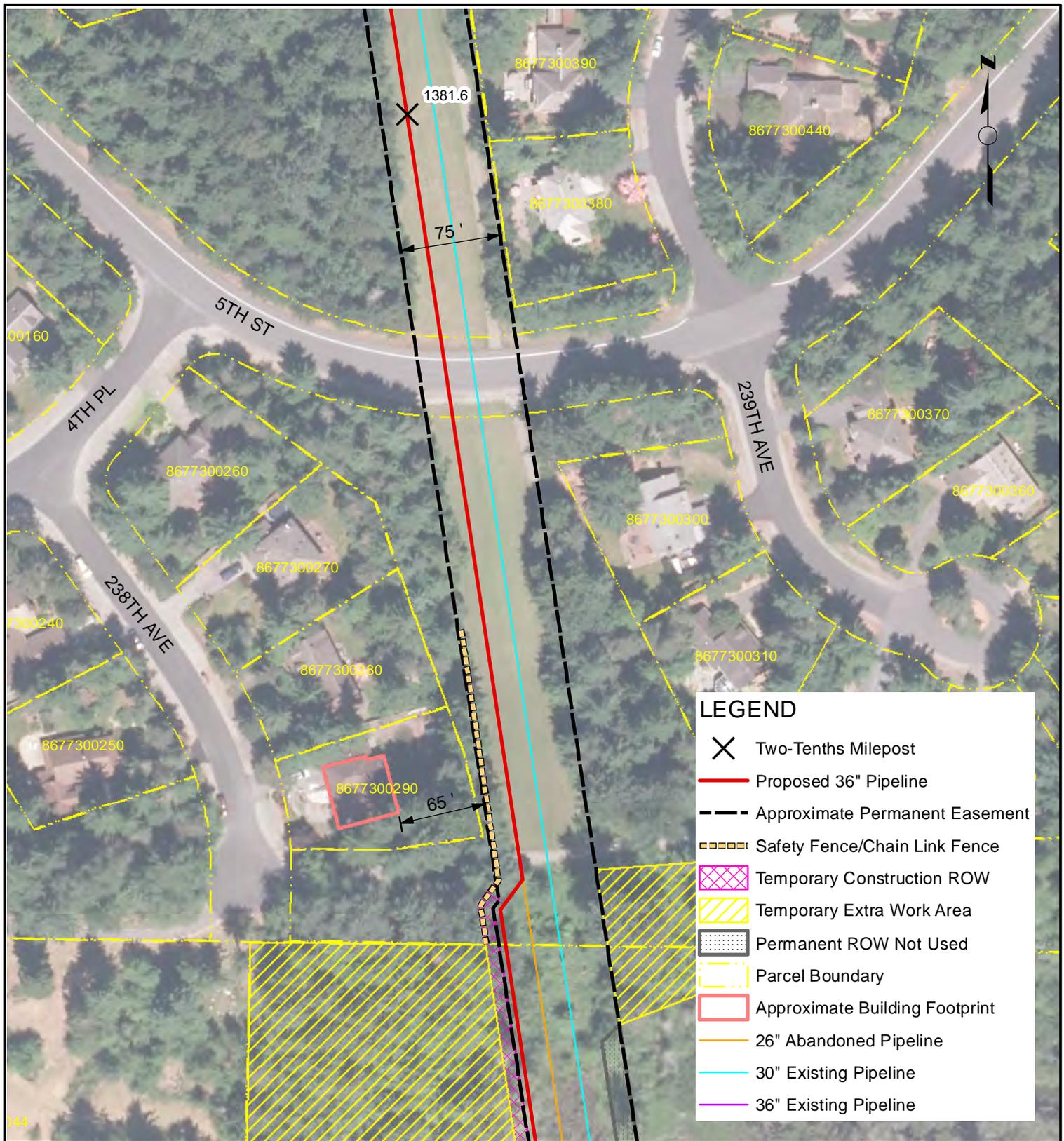
- X Two-Tenths Milepost
- Proposed 36" Pipeline
- - - Approximate Permanent Easement
- - - Safety Fence/Chain Link Fence
- Temporary Construction ROW
- Temporary Extra Work Area
- Permanent ROW Not Used
- Parcel Boundary
- Approximate Building Footprint
- 26" Abandoned Pipeline
- 30" Existing Pipeline
- 36" Existing Pipeline

**NOTES**

NOTES:  
 1. Only structures intended for human occupancy are delineated as "residences" on these sheets. Outbuildings, garages, sheds, etc. may be present within 25-ft of the ROW and appropriate safety measures will be developed during the land acquisition and construction planning phase.  
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**NORTHWEST PIPELINE LLC**  
**WASHINGTON EXPANSION PROJECT**  
**RESIDENTIAL SITE SPECIFIC MAP**  
**MP 1381.16**  
**T-25-N, R-6-E, S-34**  
**KING COUNTY, WASHINGTON**

| REVISIONS |          |    |                                     | DRAWN BY: EKA | DATE: 5/1/14 | ISSUED FOR BID: | SCALE: 1" = 100' |       |                                 |
|-----------|----------|----|-------------------------------------|---------------|--------------|-----------------|------------------|-------|---------------------------------|
| NO.       | DATE     | BY | DESCRIPTION                         | W.O. NO.      | CHK.         | APP.            | CHECKED BY: JWD  | DATE: | ISSUED FOR CONSTRUCTION:        |
| 01        | 6/4/2013 | EA | REVIEW COMMENTS                     |               | KK           | WD              | APPROVED BY: JGT | DATE: | DRAWING NUMBER: 1381.16 - 50028 |
| 02        | 5/1/2014 | RC | Issued for FERC Supplemental Filing |               | JWD          | JGT             |                  |       | SHEET 28 OF 30                  |



**LEGEND**

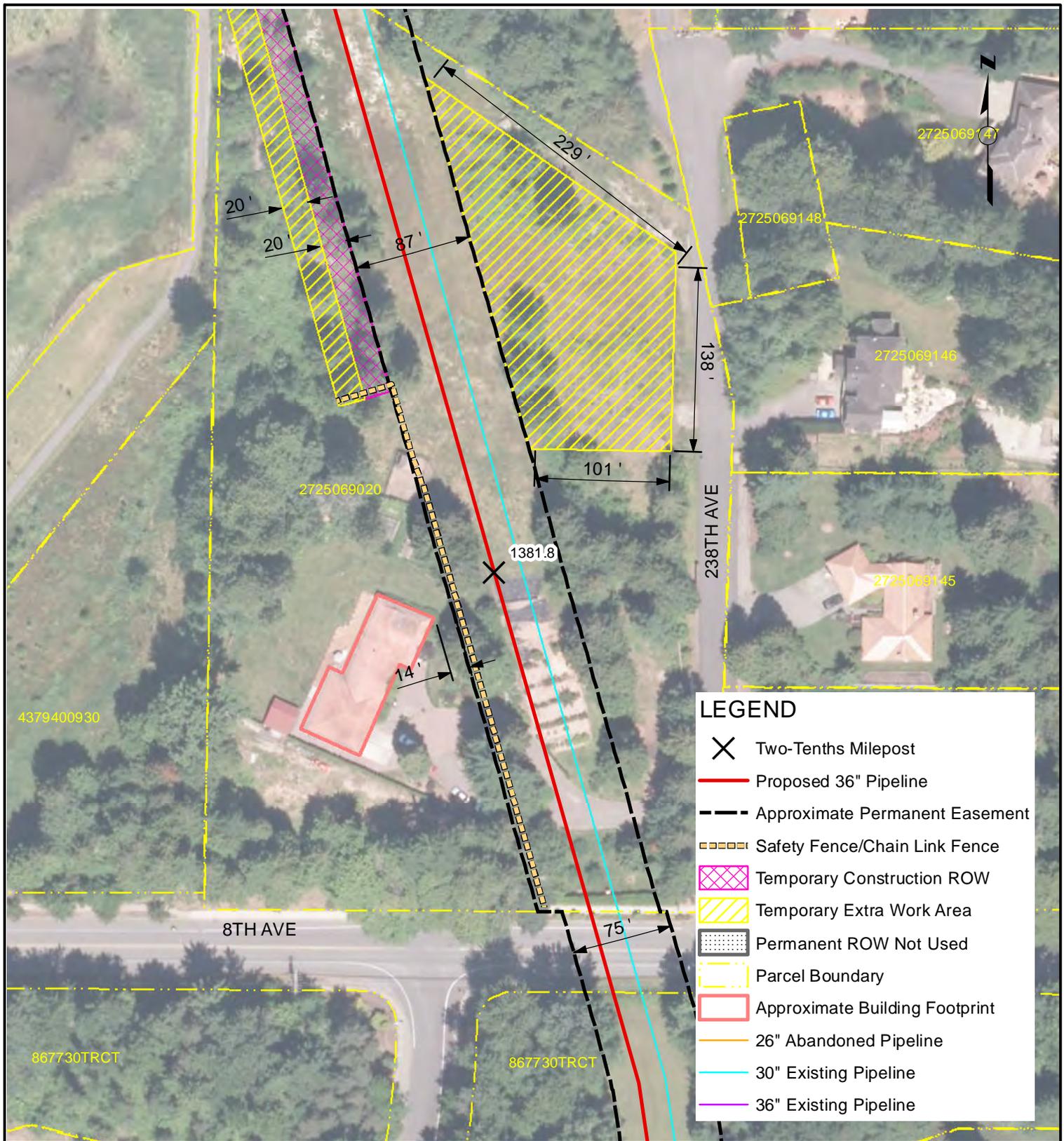
- ✕ Two-Tenths Milepost
- Proposed 36" Pipeline
- - - Approximate Permanent Easement
- ▤ Safety Fence/Chain Link Fence
- ▨ Temporary Construction ROW
- ▧ Temporary Extra Work Area
- ▩ Permanent ROW Not Used
- ▭ Parcel Boundary
- ▭ Approximate Building Footprint
- 26" Abandoned Pipeline
- 30" Existing Pipeline
- 36" Existing Pipeline

**NOTES**

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**NORTHWEST PIPELINE LLC**  
**WASHINGTON EXPANSION PROJECT**  
**RESIDENTIAL SITE SPECIFIC MAP**  
**MP 1381.51**  
**T-25-N, R-6-E, S-34**  
**KING COUNTY, WASHINGTON**

| REVISIONS |          |    |                                     |          |           | DRAWN BY: EKA    | DATE: 5/1/14 | ISSUED FOR BID:                 | SCALE: 1" = 100' |
|-----------|----------|----|-------------------------------------|----------|-----------|------------------|--------------|---------------------------------|------------------|
| NO.       | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK. APP. | CHECKED BY: JWD  | DATE:        | ISSUED FOR CONSTRUCTION:        |                  |
| 01        | 6/4/2013 | EA | REVIEW COMMENTS                     |          | KK WD     | APPROVED BY: JGT | DATE:        | DRAWING NUMBER: 1381.51 - 50029 | SHEET 29         |
| 02        | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | KK WD     |                  |              |                                 | OF 30            |



**LEGEND**

- X Two-Tenths Milepost
- Proposed 36" Pipeline
- - - Approximate Permanent Easement
- Safety Fence/Chain Link Fence
- ▨ Temporary Construction ROW
- ▧ Temporary Extra Work Area
- ▩ Permanent ROW Not Used
- Parcel Boundary
- Approximate Building Footprint
- 26" Abandoned Pipeline
- 30" Existing Pipeline
- 36" Existing Pipeline

**NOTES**

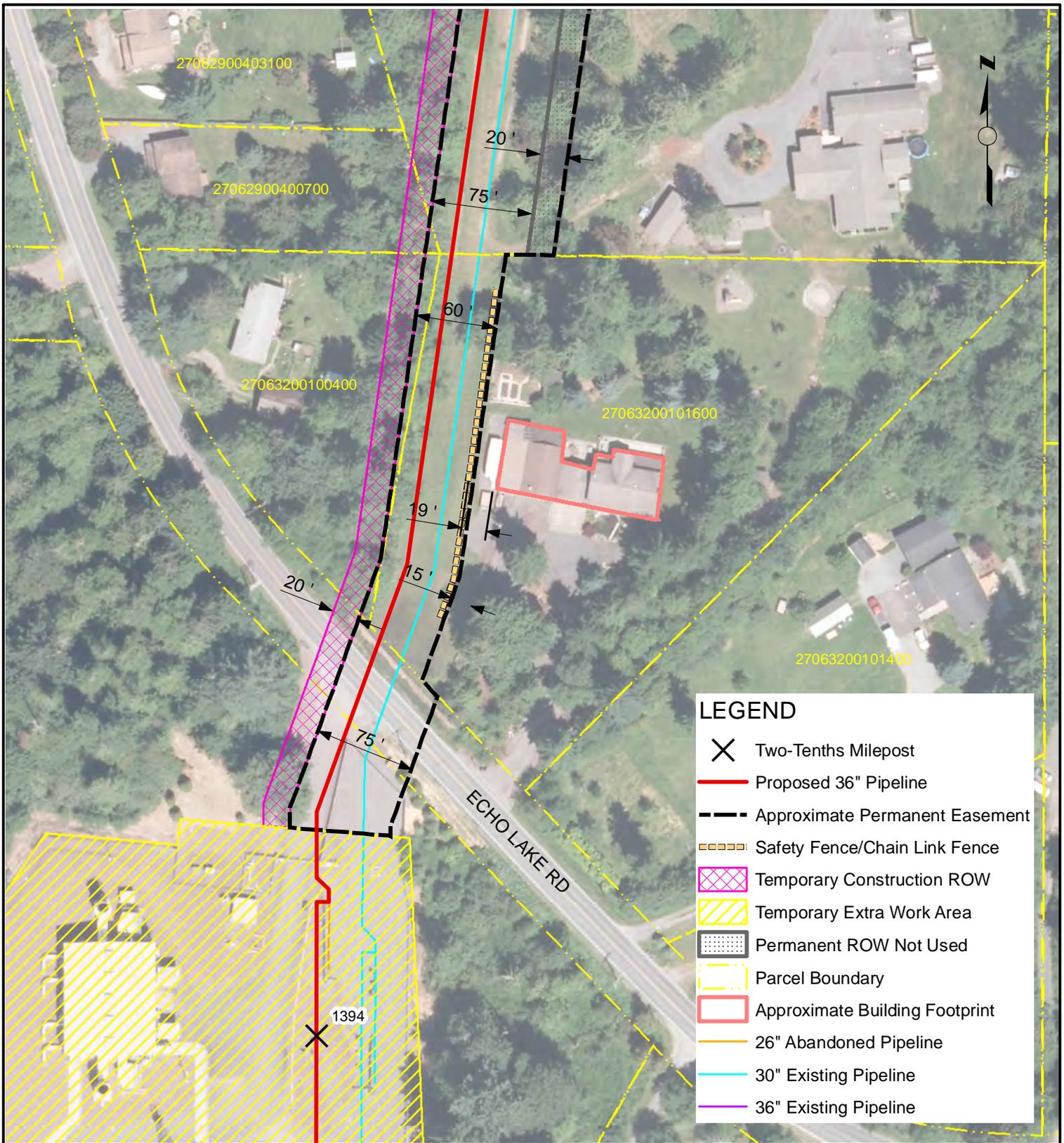
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**NORTHWEST PIPELINE LLC**  
**WASHINGTON EXPANSION PROJECT**  
**RESIDENTIAL SITE SPECIFIC MAP**  
**MP 1381.8**  
**T-25-N, R-6-E, S-34**  
**KING COUNTY, WASHINGTON**

| REVISIONS |          |    |                                     |          |      | DRAWN BY: EKA | DATE: 5/1/14     | ISSUED FOR BID: | SCALE: 1" = 100'               |
|-----------|----------|----|-------------------------------------|----------|------|---------------|------------------|-----------------|--------------------------------|
| NO.       | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK. | APP.          | CHECKED BY: JWD  | DATE:           | ISSUED FOR CONSTRUCTION:       |
| 01        | 6/4/2013 | EA | REVIEW COMMENTS                     |          | KK   | WD            | APPROVED BY: JGT | DATE:           | DRAWING NUMBER: 1381.8 - 50030 |
| 02        | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD  | JGT           |                  |                 | SHEET 30 OF 30                 |

# Snohomish Loop





**LEGEND**

- ✕ Two-Tenths Milepost
- Proposed 36" Pipeline
- - - Approximate Permanent Easement
- ▤ Safety Fence/Chain Link Fence
- ▨ Temporary Construction ROW
- ▧ Temporary Extra Work Area
- ▩ Permanent ROW Not Used
- ▭ Parcel Boundary
- ▭ Approximate Building Footprint
- 26" Abandoned Pipeline
- 30" Existing Pipeline
- 36" Existing Pipeline

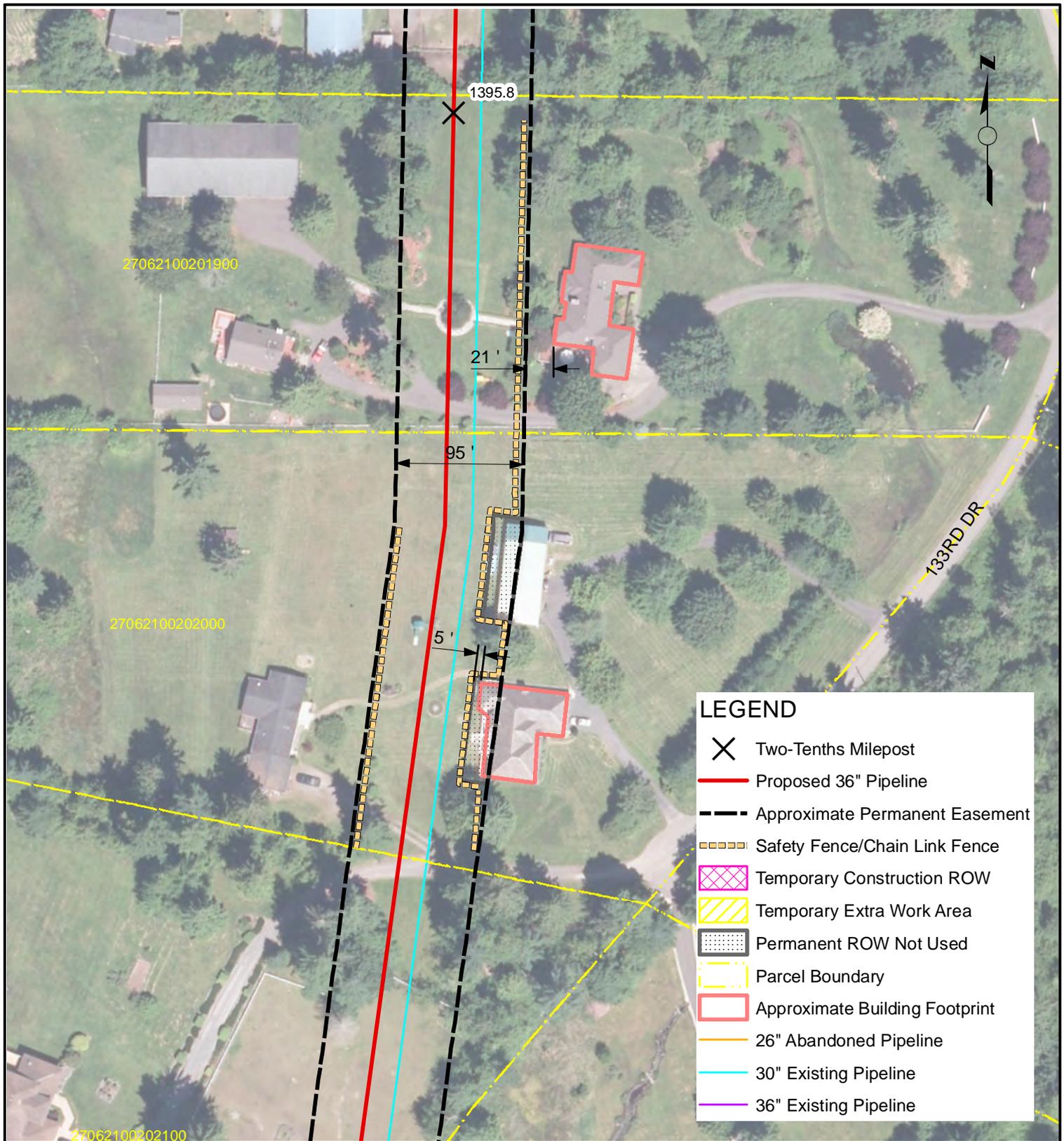
**NOTES**

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NORTHWEST PIPELINE LLC  
 WASHINGTON EXPANSION PROJECT  
 RESIDENTIAL SITE SPECIFIC MAP  
 MP 1394.07  
 T-27-N, R-6-E, S-29  
 SNOHOMISH COUNTY, WASHINGTON



| REVISIONS |          |    |                                     |          |     | DRAWN BY: EKA | DATE: 5/15/13    | ISSUED FOR BID: | SCALE: 1" = 100'               |
|-----------|----------|----|-------------------------------------|----------|-----|---------------|------------------|-----------------|--------------------------------|
| NO.       | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK | APP.          | CHECKED BY: JWD  | DATE:           | ISSUED FOR CONSTRUCTION:       |
| 01        | 6/4/2013 | EA | REVIEW COMMENTS                     |          | KK  | WD            | APPROVED BY: JGT | DATE:           | DRAWING NUMBER: 1394.06 - 6001 |
| 02        | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD | JGT           |                  |                 | SHEET 1 OF 21                  |



**LEGEND**

- ✕ Two-Tenths Milepost
- Proposed 36" Pipeline
- - - Approximate Permanent Easement
- ▤ Safety Fence/Chain Link Fence
- ▨ Temporary Construction ROW
- ▧ Temporary Extra Work Area
- ▩ Permanent ROW Not Used
- - - Parcel Boundary
- ▭ Approximate Building Footprint
- 26" Abandoned Pipeline
- 30" Existing Pipeline
- 36" Existing Pipeline

**NOTES**

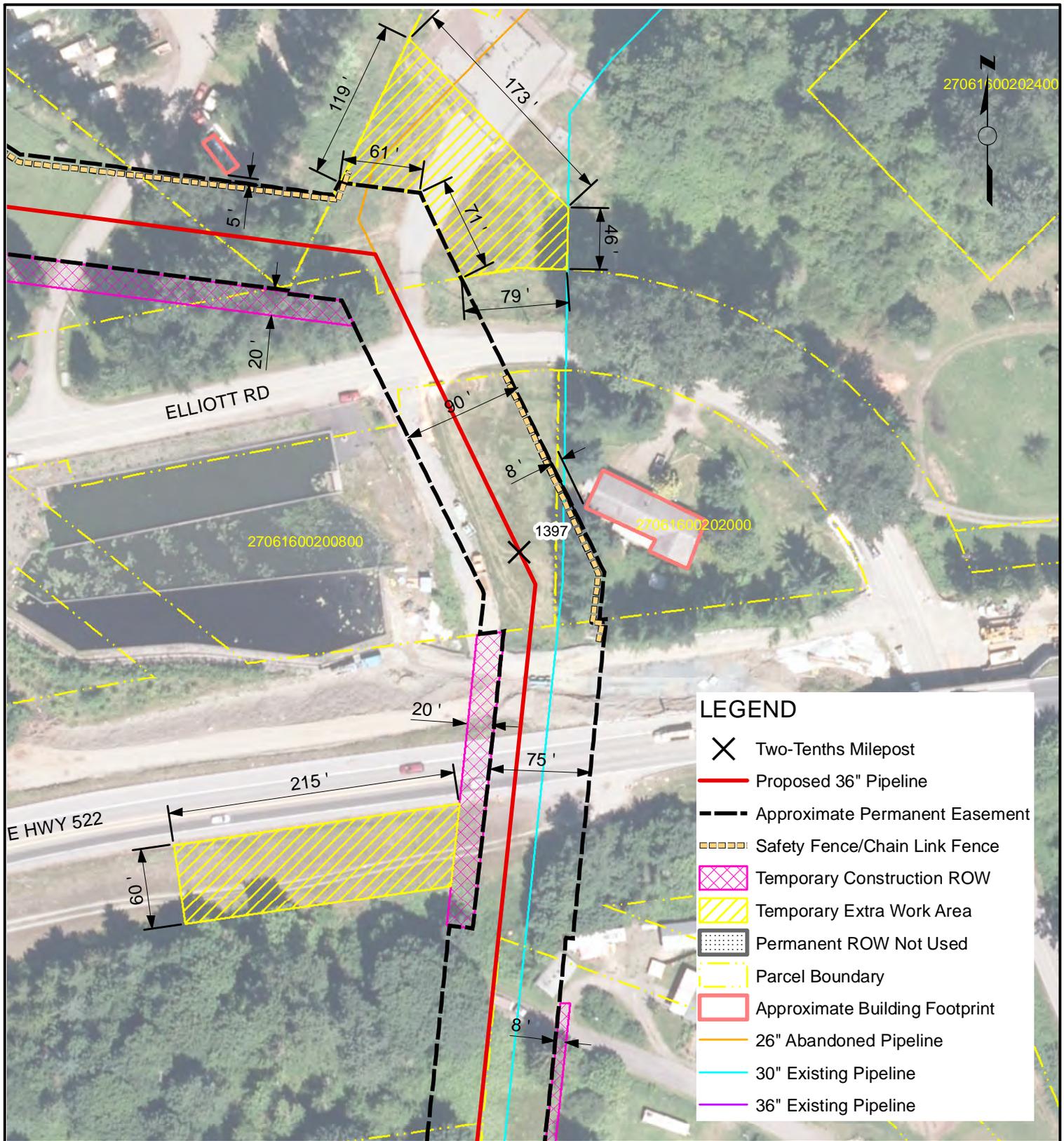
NOTES:  
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2. Non-residential structures within the construction workspace will be removed during construction. Removal details shall be addressed in accordance with current landowner agreements at the time of construction.

NORTHWEST PIPELINE LLC  
 WASHINGTON EXPANSION PROJECT  
 RESIDENTIAL SITE SPECIFIC MAP  
 MP 1395.74  
 T-27-N, R-6-E, S-21  
 SNOHOMISH COUNTY, WASHINGTON

| REVISIONS |          |    |                                     |          |     |      |
|-----------|----------|----|-------------------------------------|----------|-----|------|
| NO.       | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK | APP. |
| 01        | 6/4/2013 | EA | REVIEW COMMENTS                     |          | KK  | WD   |
| 02        | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD | JGT  |

|                  |               |                                |                  |
|------------------|---------------|--------------------------------|------------------|
| DRAWN BY: EKA    | DATE: 5/15/13 | ISSUED FOR BID:                | SCALE: 1" = 100' |
| CHECKED BY: JWD  | DATE:         | ISSUED FOR CONSTRUCTION:       |                  |
| APPROVED BY: JGT | DATE:         | DRAWING NUMBER: 1395.73 - 6002 | SHEET 2 OF 21    |



**NOTES**

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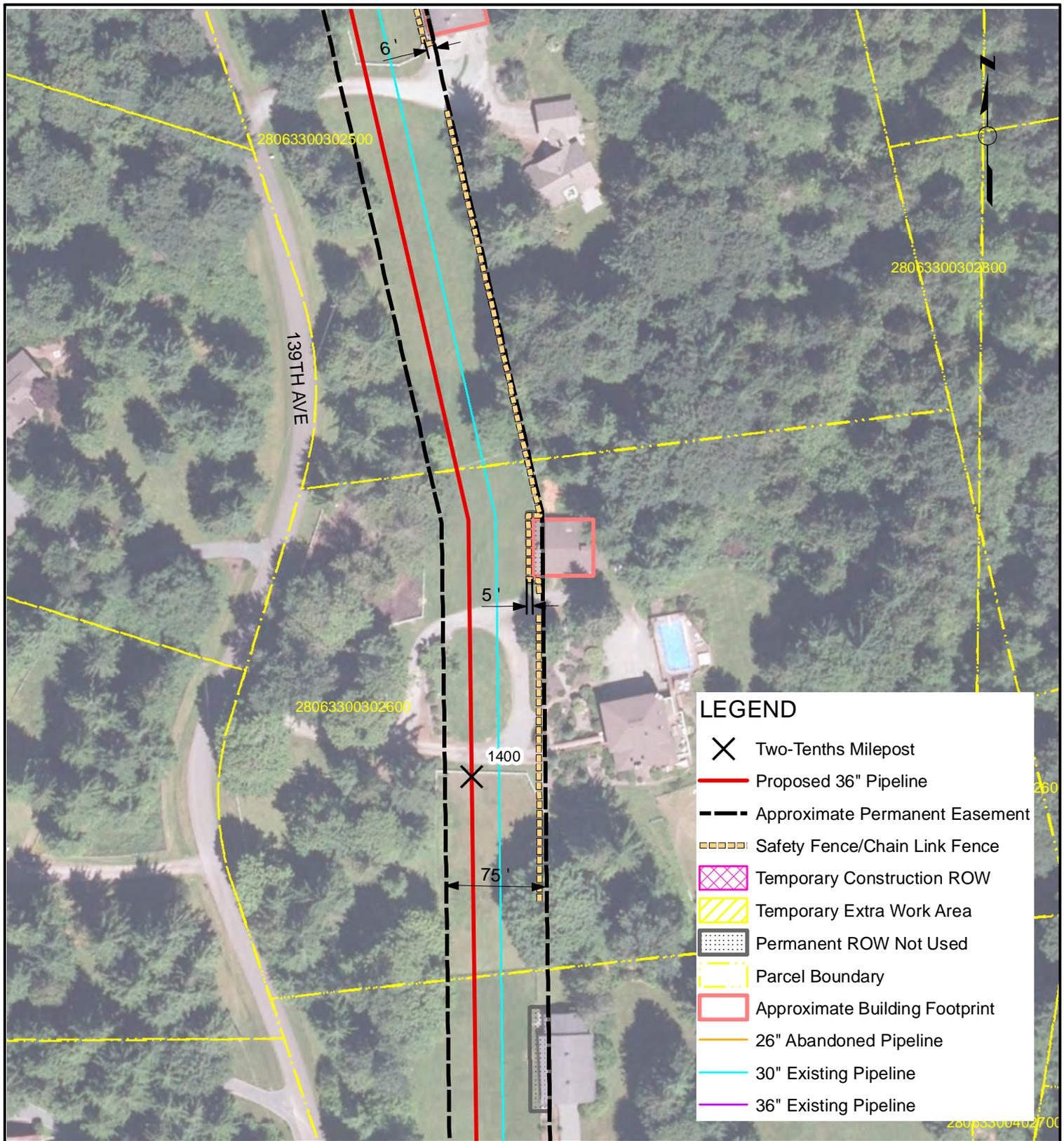
NORTHWEST PIPELINE LLC  
 WASHINGTON EXPANSION PROJECT  
 RESIDENTIAL SITE SPECIFIC MAP  
 MP 1396.93  
 T-27-N, R-6-E, S-16  
 SNOHOMISH COUNTY, WASHINGTON



**REVISIONS**

| NO. | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK | APP. |
|-----|----------|----|-------------------------------------|----------|-----|------|
| 01  | 6/4/2013 | EA | REVIEW COMMENTS                     |          | KK  | WD   |
| 02  | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD | JGT  |

|                  |               |                                |                  |
|------------------|---------------|--------------------------------|------------------|
| DRAWN BY: EKA    | DATE: 5/15/13 | ISSUED FOR BID:                | SCALE: 1" = 100' |
| CHECKED BY: JWD  | DATE:         | ISSUED FOR CONSTRUCTION:       |                  |
| APPROVED BY: JGT | DATE:         | DRAWING NUMBER: 1396.93 - 6003 | SHEET 3 OF 21    |



**LEGEND**

- ✕ Two-Tenths Milepost
- Proposed 36" Pipeline
- - - Approximate Permanent Easement
- - - Safety Fence/Chain Link Fence
- ▨ Temporary Construction ROW
- ▨ Temporary Extra Work Area
- ▨ Permanent ROW Not Used
- - - Parcel Boundary
- ▭ Approximate Building Footprint
- - - 26" Abandoned Pipeline
- 30" Existing Pipeline
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**NOTES**

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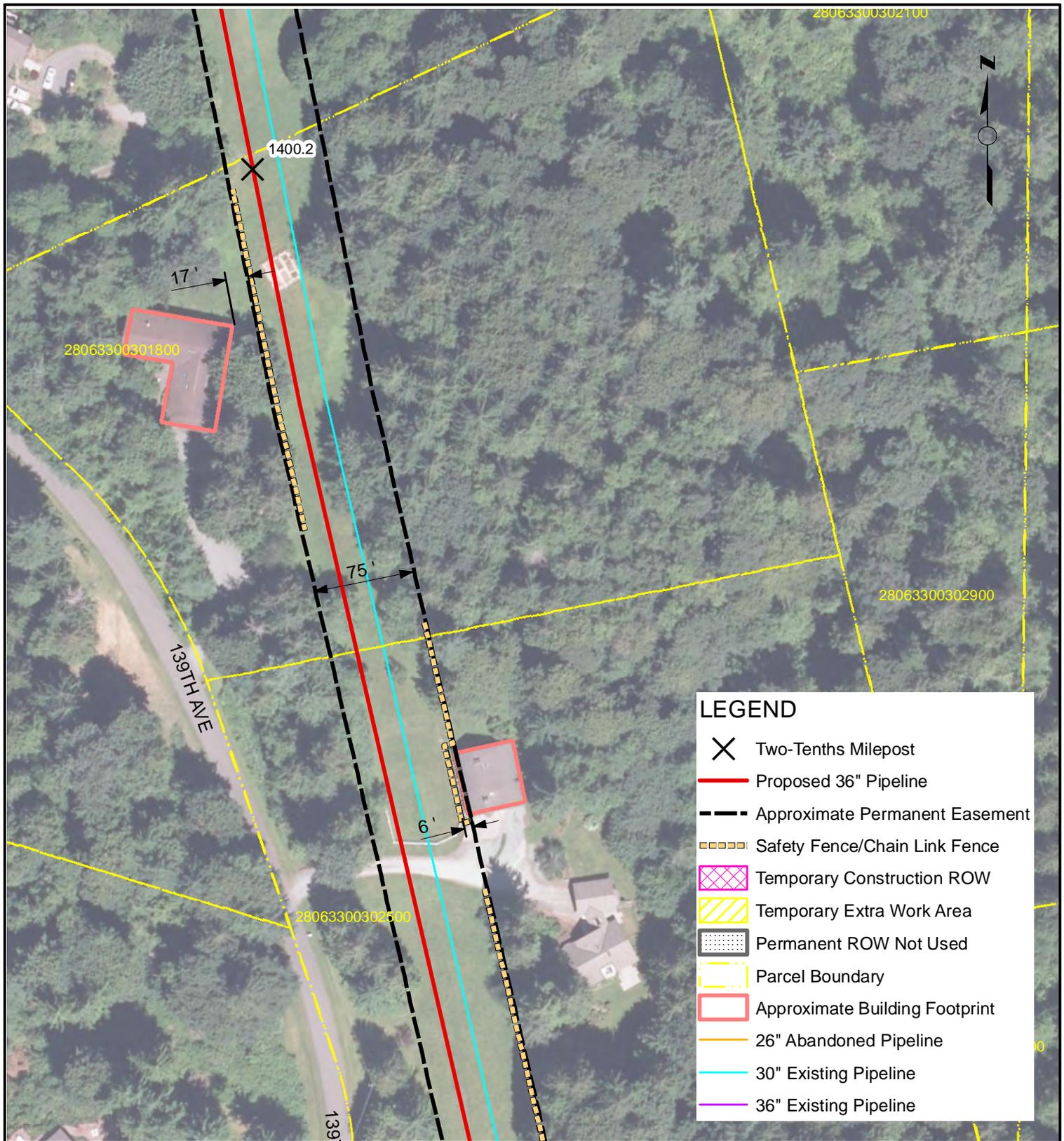
NORTHWEST PIPELINE LLC  
 WASHINGTON EXPANSION PROJECT  
 RESIDENTIAL SITE SPECIFIC MAP  
 MP 1400.06  
 T-28-N, R-6-E, S-33  
 SNOHOMISH COUNTY, WASHINGTON



**REVISIONS**

| NO. | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK | APP. |
|-----|----------|----|-------------------------------------|----------|-----|------|
| 01  | 6/4/2013 | EA | REVIEW COMMENTS                     |          | KK  | WD   |
| 02  | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD | JGT  |

|                  |               |                                |                  |
|------------------|---------------|--------------------------------|------------------|
| DRAWN BY: EKA    | DATE: 5/15/13 | ISSUED FOR BID:                | SCALE: 1" = 100' |
| CHECKED BY: JWD  | DATE:         | ISSUED FOR CONSTRUCTION:       |                  |
| APPROVED BY: JGT | DATE:         | DRAWING NUMBER: 1400.06 - 6004 | SHEET 4 OF 21    |



**LEGEND**

- ✕ Two-Tenths Milepost
- Proposed 36" Pipeline
- - - Approximate Permanent Easement
- ▤ Safety Fence/Chain Link Fence
- ▨ Temporary Construction ROW
- ▧ Temporary Extra Work Area
- ▩ Permanent ROW Not Used
- ▭ Parcel Boundary
- ▭ Approximate Building Footprint
- 26" Abandoned Pipeline
- 30" Existing Pipeline
- 36" Existing Pipeline

**NOTES**

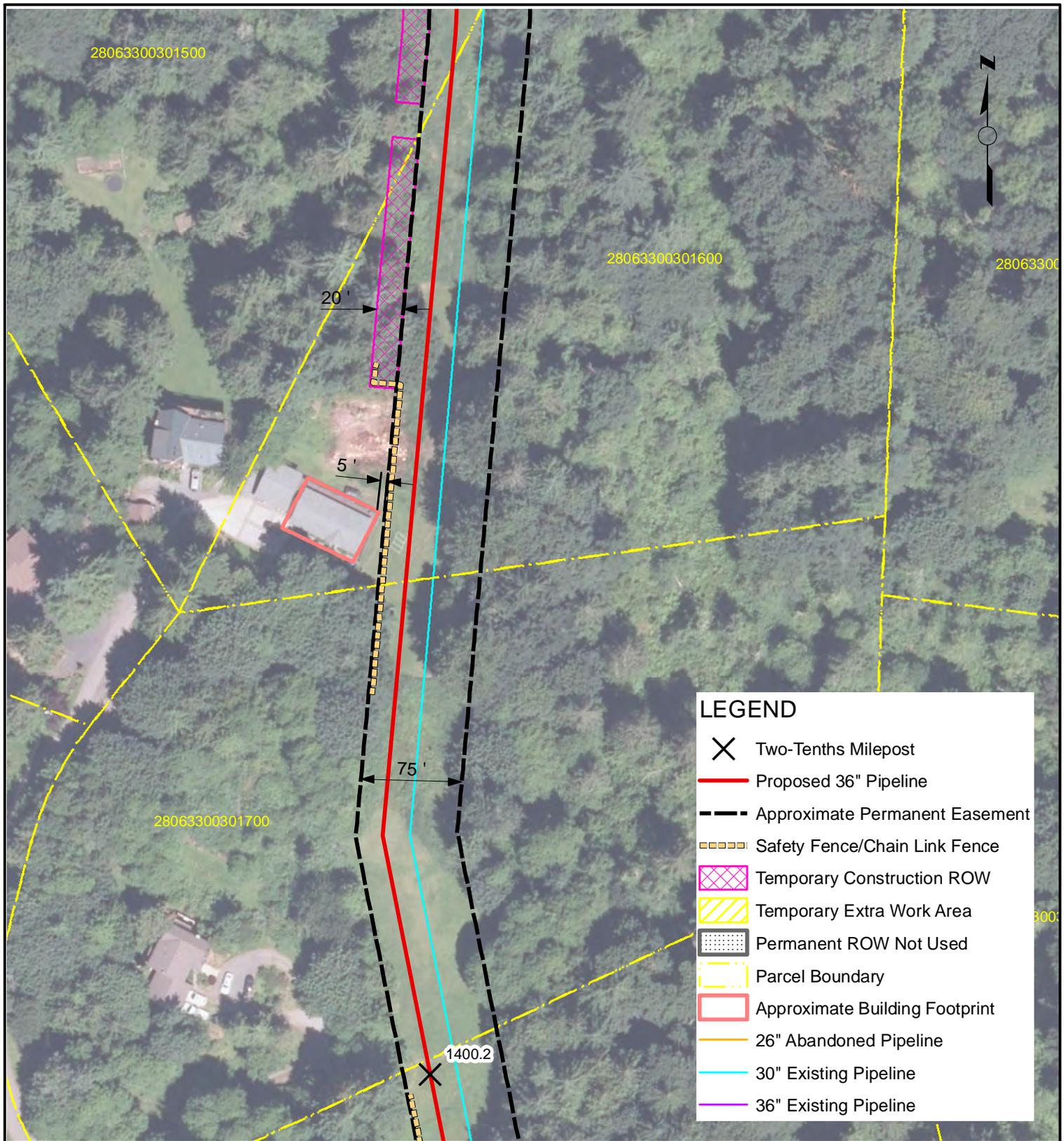
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NORTHWEST PIPELINE LLC  
 WASHINGTON EXPANSION PROJECT  
 RESIDENTIAL SITE SPECIFIC MAP  
 MP 1400.15  
 T-28-N, R-6-E, S-33  
 SNOHOMISH COUNTY, WASHINGTON

| REVISIONS |          |    |                                     |          |     |      |
|-----------|----------|----|-------------------------------------|----------|-----|------|
| NO.       | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK | APP. |
| 01        | 6/4/2013 | EA | REVIEW COMMENTS                     |          | KK  | WD   |
| 02        | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD | JGT  |

|                  |               |                                |                  |
|------------------|---------------|--------------------------------|------------------|
| DRAWN BY: EKA    | DATE: 5/15/13 | ISSUED FOR BID:                | SCALE: 1" = 100' |
| CHECKED BY: JWD  | DATE:         | ISSUED FOR CONSTRUCTION:       |                  |
| APPROVED BY: JGT | DATE:         | DRAWING NUMBER: 1400.15 - 6005 | SHEET 5 OF 21    |



**LEGEND**

- ✕ Two-Tenths Milepost
- Proposed 36" Pipeline
- - - Approximate Permanent Easement
- Safety Fence/Chain Link Fence
- ▨ Temporary Construction ROW
- ▧ Temporary Extra Work Area
- ▤ Permanent ROW Not Used
- - - Parcel Boundary
- Approximate Building Footprint
- 26" Abandoned Pipeline
- 30" Existing Pipeline
- 36" Existing Pipeline

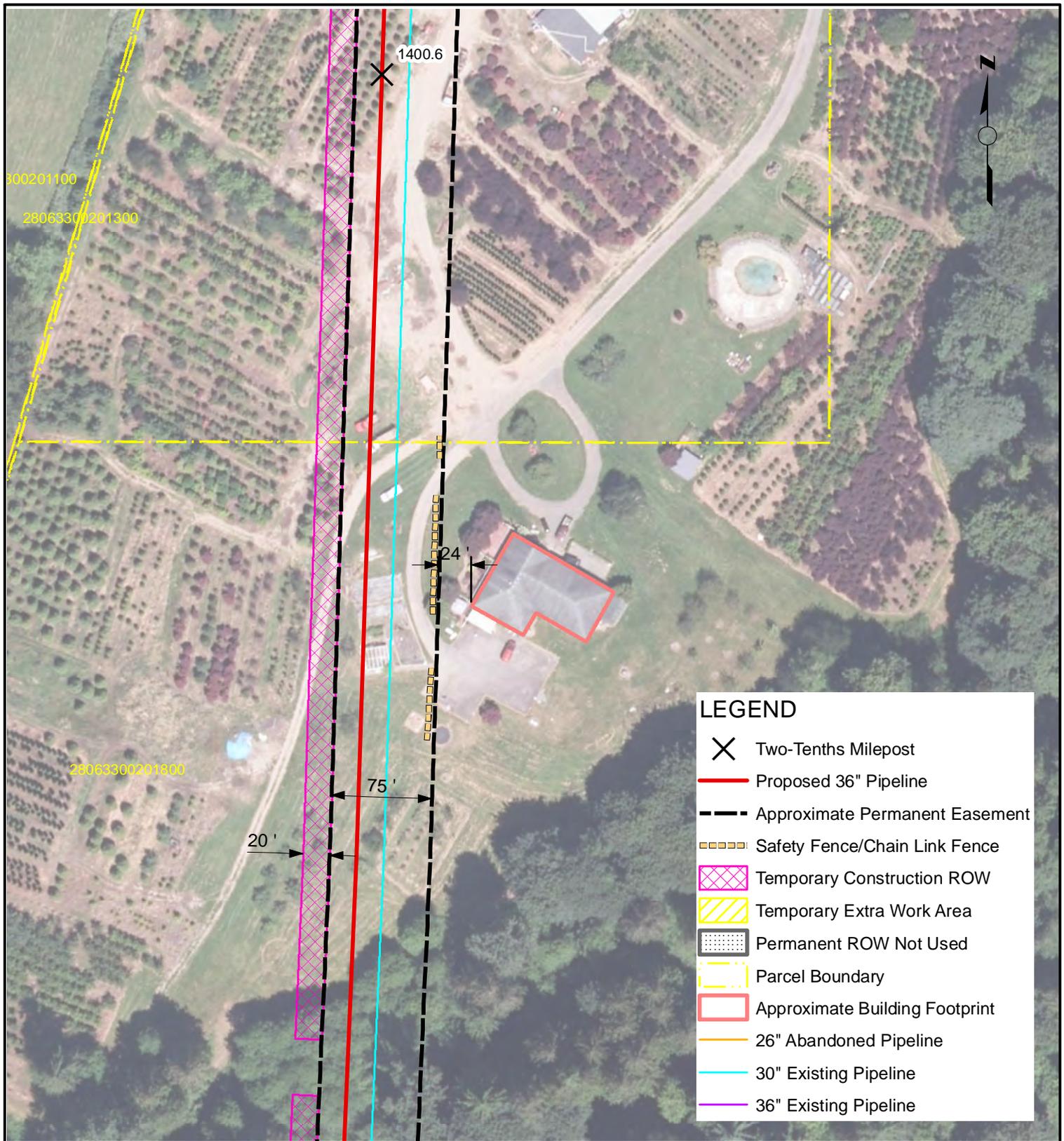
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NORTHWEST PIPELINE LLC  
 WASHINGTON EXPANSION PROJECT  
 RESIDENTIAL SITE SPECIFIC MAP  
 MP 1400.28  
 T-28-N, R-6-E, S-33  
 SNOHOMISH COUNTY, WASHINGTON

| REVISIONS |          |    |                                     |          |     |      | DRAWN BY: EKA    | DATE: 5/15/13 | ISSUED FOR BID:                | SCALE: 1" = 100' |
|-----------|----------|----|-------------------------------------|----------|-----|------|------------------|---------------|--------------------------------|------------------|
| NO.       | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK | APP. | CHECKED BY: JWD  | DATE:         | ISSUED FOR CONSTRUCTION:       |                  |
| 01        | 6/4/2013 | EA | REVIEW COMMENTS                     |          | KK  | WD   | APPROVED BY: JGT | DATE:         | DRAWING NUMBER: 1400.28 - 6006 | SHEET 6          |
| 02        | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD | JGT  |                  |               | DRAWING NUMBER: 1400.28 - 6006 | OF 21            |



**LEGEND**

- X Two-Tenths Milepost
- Proposed 36" Pipeline
- - - Approximate Permanent Easement
- Safety Fence/Chain Link Fence
- ▨ Temporary Construction ROW
- ▧ Temporary Extra Work Area
- ▤ Permanent ROW Not Used
- Parcel Boundary
- ▭ Approximate Building Footprint
- 26" Abandoned Pipeline
- 30" Existing Pipeline
- 36" Existing Pipeline

**NOTES**

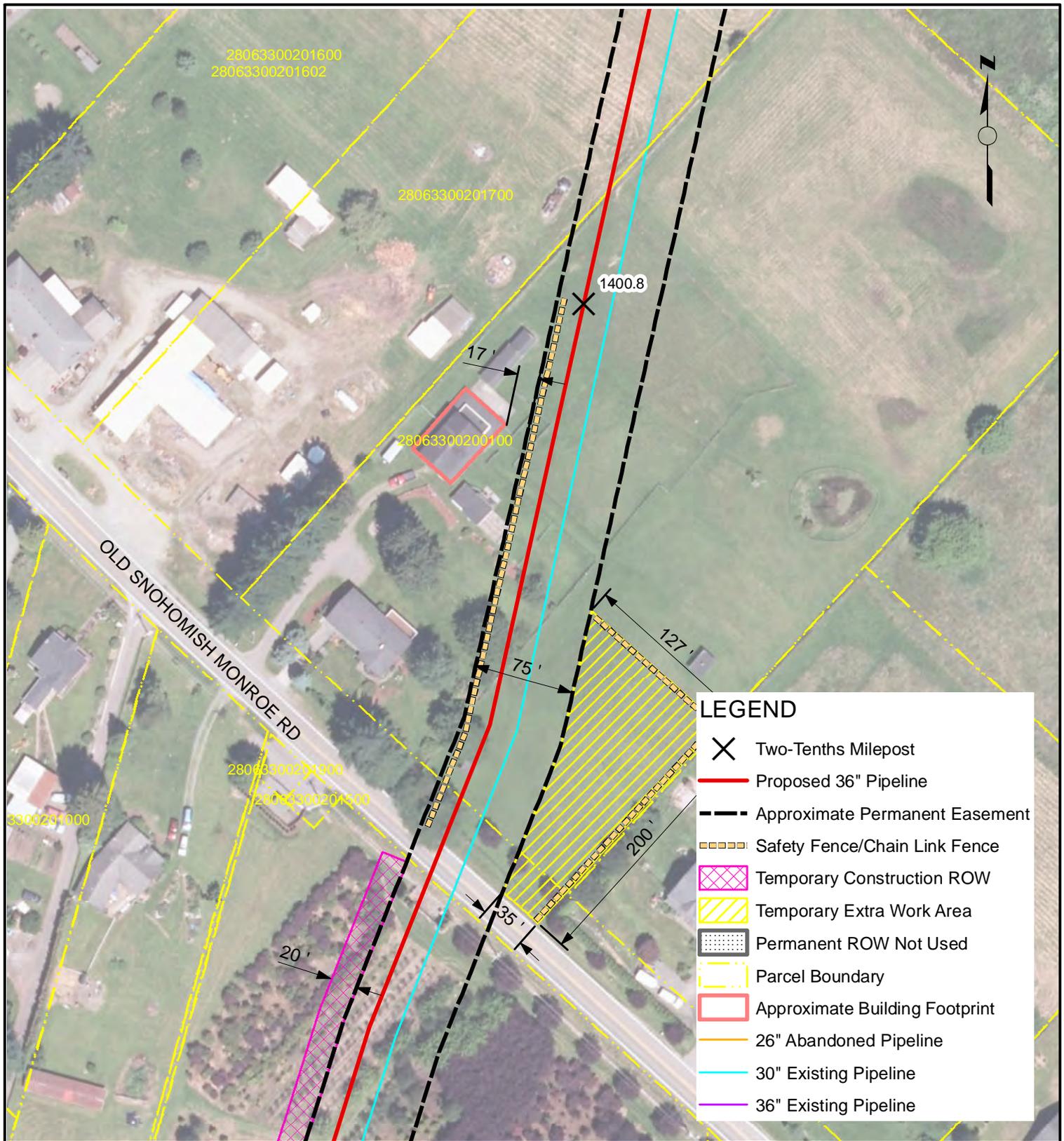
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NORTHWEST PIPELINE LLC  
 WASHINGTON EXPANSION PROJECT  
 RESIDENTIAL SITE SPECIFIC MAP  
 MP 1400.53  
 T-28-N, R-6-E, S-33  
 SNOHOMISH COUNTY, WASHINGTON



| REVISIONS |          |    |                                     |          |     |      |
|-----------|----------|----|-------------------------------------|----------|-----|------|
| NO.       | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK | APP. |
| 01        | 6/4/2013 | EA | REVIEW COMMENTS                     |          | KK  | WD   |
| 02        | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD | JGT  |

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|------------------|---------------|--------------------------------|------------------|
| DRAWN BY: EKA    | DATE: 5/15/13 | ISSUED FOR BID:                | SCALE: 1" = 100' |
| CHECKED BY: JWD  | DATE:         | ISSUED FOR CONSTRUCTION:       |                  |
| APPROVED BY: JGT | DATE:         | DRAWING NUMBER: 1400.53 - 6007 | SHEET 7 OF 21    |



**LEGEND**

- ✕ Two-Tenths Milepost
- Proposed 36" Pipeline
- - - Approximate Permanent Easement
- ▤ Safety Fence/Chain Link Fence
- ▨ Temporary Construction ROW
- ▧ Temporary Extra Work Area
- ▩ Permanent ROW Not Used
- ▭ Parcel Boundary
- ▭ Approximate Building Footprint
- 26" Abandoned Pipeline
- 30" Existing Pipeline
- 36" Existing Pipeline

**NOTES**

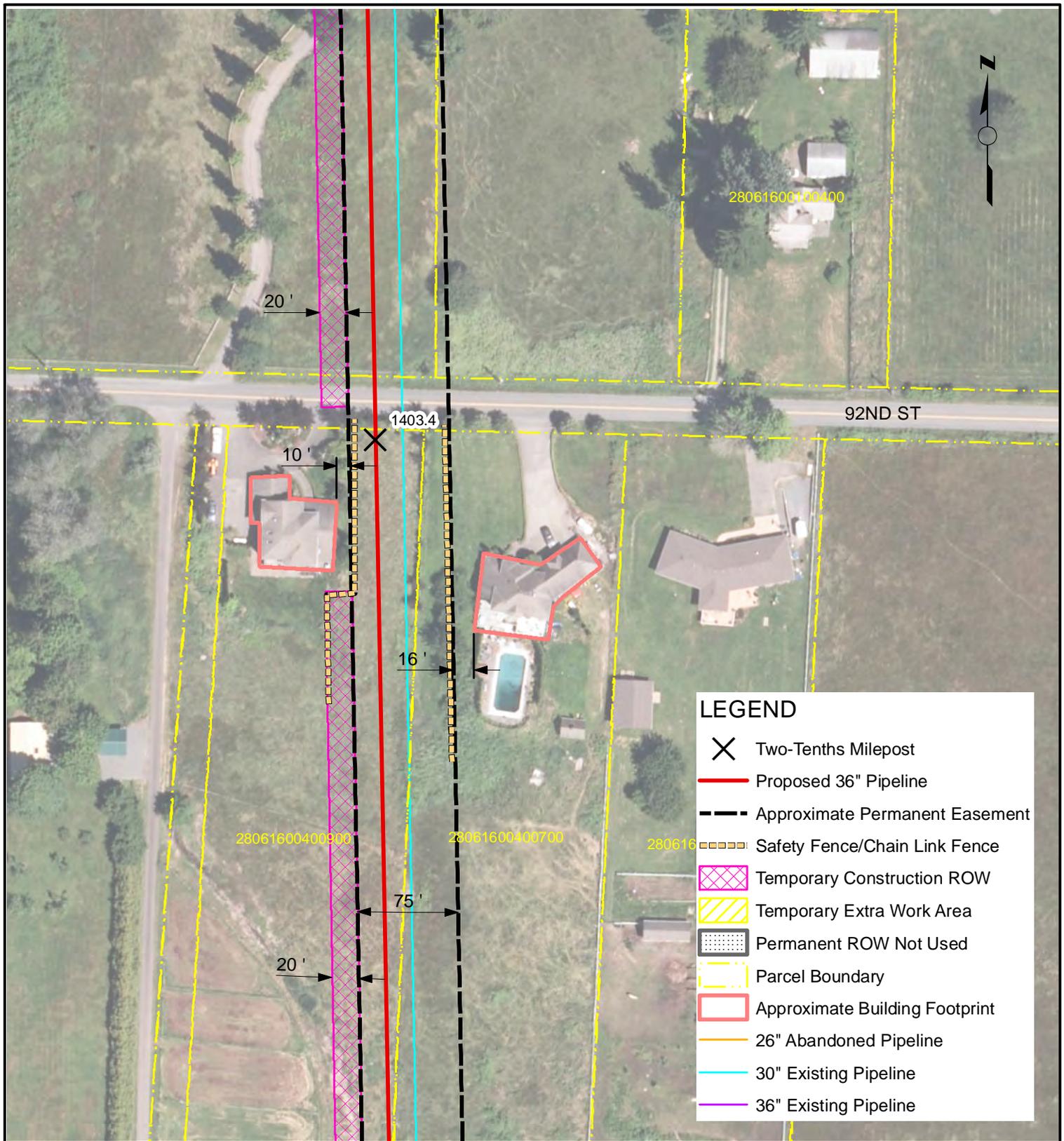
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NORTHWEST PIPELINE LLC  
 WASHINGTON EXPANSION PROJECT  
 RESIDENTIAL SITE SPECIFIC MAP  
 MP 1400.77  
 T-28-N, R-6-E, S-33  
 SNOHOMISH COUNTY, WASHINGTON



| REVISIONS |          |    |                                     |          |     |      | DRAWN BY: EKA    | DATE: 5/15/13 | ISSUED FOR BID:                | SCALE: 1" = 100' |
|-----------|----------|----|-------------------------------------|----------|-----|------|------------------|---------------|--------------------------------|------------------|
| NO.       | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK | APP. | CHECKED BY: JWD  | DATE:         | ISSUED FOR CONSTRUCTION:       |                  |
| 01        | 6/4/2013 | EA | REVIEW COMMENTS                     |          | KK  | WD   | APPROVED BY: JGT | DATE:         | DRAWING NUMBER: 1400.77 - 6008 | SHEET 8          |
| 02        | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD | JGT  |                  |               | DRAWING NUMBER: 1400.77 - 6008 | OF 21            |



**LEGEND**

- X Two-Tenths Milepost
- Proposed 36" Pipeline
- - - Approximate Permanent Easement
- - - Safety Fence/Chain Link Fence
- ▨ Temporary Construction ROW
- ▨ Temporary Extra Work Area
- ▨ Permanent ROW Not Used
- - - Parcel Boundary
- ▭ Approximate Building Footprint
- 26" Abandoned Pipeline
- 30" Existing Pipeline
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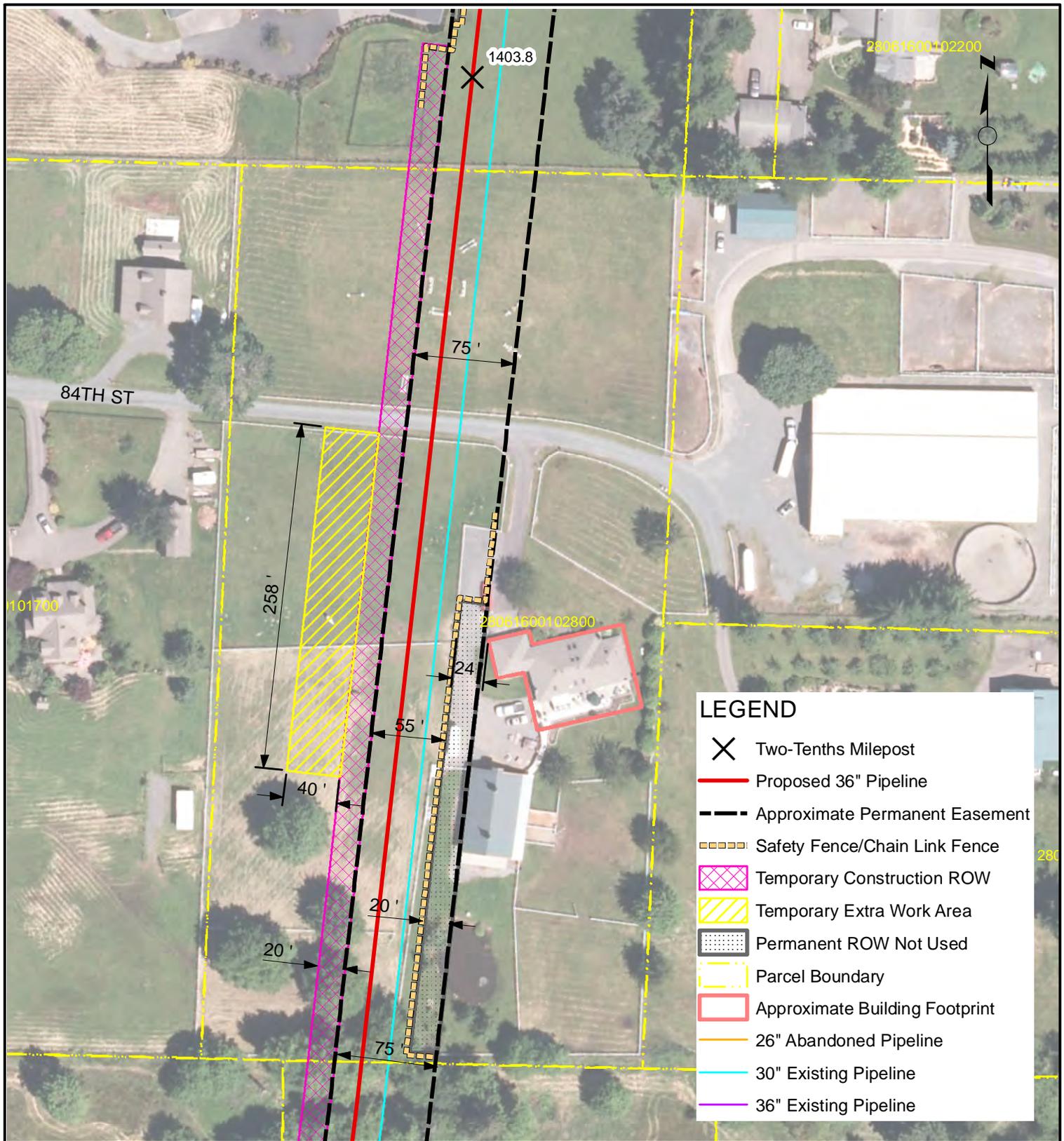
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**NORTHWEST PIPELINE LLC**  
**WASHINGTON EXPANSION PROJECT**  
**RESIDENTIAL SITE SPECIFIC MAP**  
**MP 1403.39**  
**T-28-N, R-6-E, S-16**  
**SNOHOMISH COUNTY, WASHINGTON**

| REVISIONS |          |    |                                     |          |     |      |
|-----------|----------|----|-------------------------------------|----------|-----|------|
| NO.       | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK | APP. |
| 01        | 6/4/2013 | EA | REVIEW COMMENTS                     |          | KK  | WD   |
| 02        | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD | JGT  |

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|------------------|---------------|--------------------------------|------------------|
| DRAWN BY: EKA    | DATE: 5/15/13 | ISSUED FOR BID:                | SCALE: 1" = 100' |
| CHECKED BY: JWD  | DATE:         | ISSUED FOR CONSTRUCTION:       |                  |
| APPROVED BY: JGT | DATE:         | DRAWING NUMBER: 1403.39 - 6009 | SHEET 9 OF 21    |





**LEGEND**

- ✕ Two-Tenths Milepost
- Proposed 36" Pipeline
- - - Approximate Permanent Easement
- ▤ Safety Fence/Chain Link Fence
- ▨ Temporary Construction ROW
- ▧ Temporary Extra Work Area
- ▩ Permanent ROW Not Used
- - - Parcel Boundary
- ▭ Approximate Building Footprint
- 26" Abandoned Pipeline
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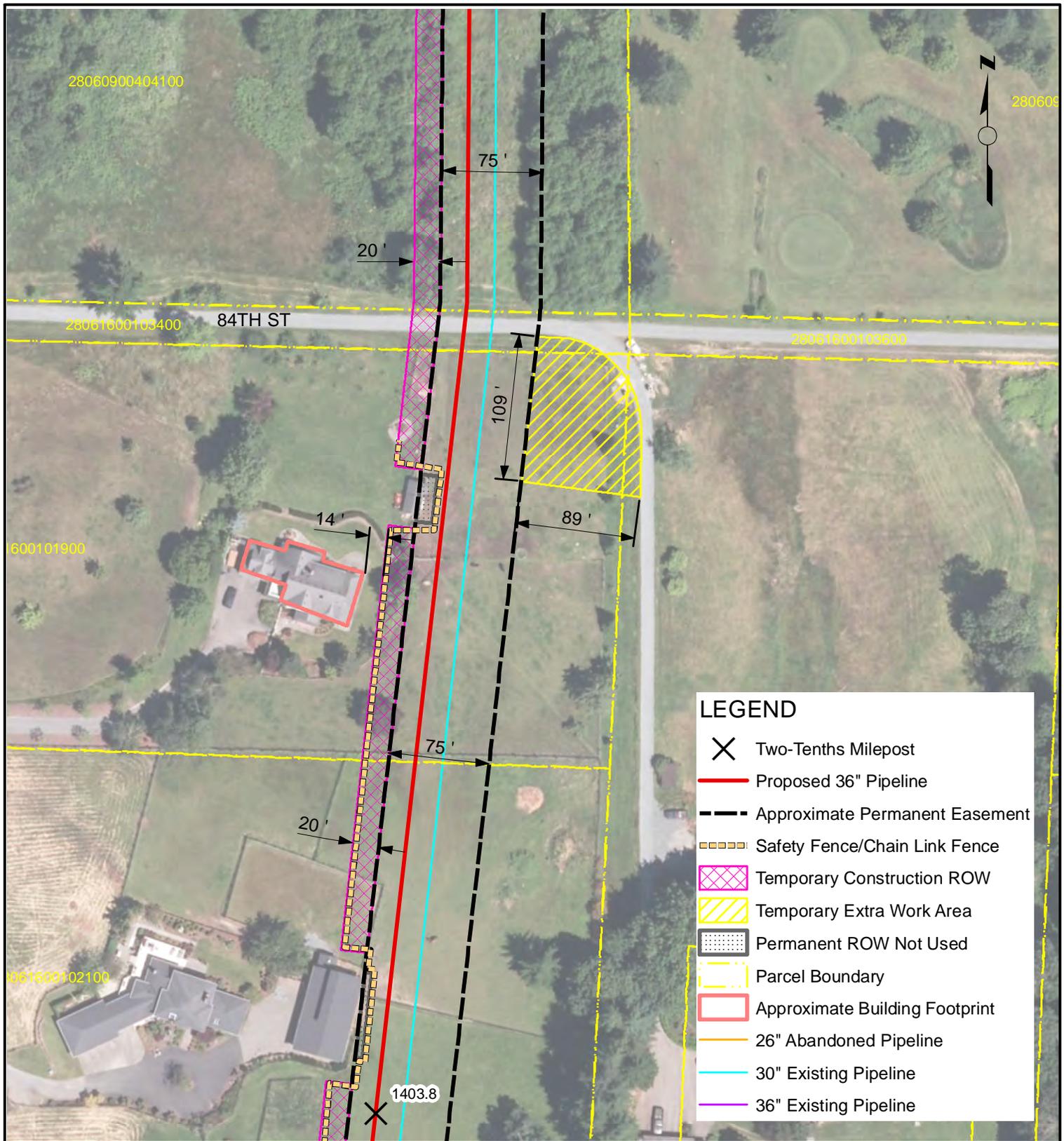
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NORTHWEST PIPELINE LLC  
 WASHINGTON EXPANSION PROJECT  
 RESIDENTIAL SITE SPECIFIC MAP  
 MP 1403.72  
 T-28-N, R-6-E, S-16  
 SNOHOMISH COUNTY, WASHINGTON



| REVISIONS |          |    |                                     |          |     | DRAWN BY: EKA | DATE: 5/15/13    | ISSUED FOR BID: | SCALE: 1" = 100'                |
|-----------|----------|----|-------------------------------------|----------|-----|---------------|------------------|-----------------|---------------------------------|
| NO.       | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK | APP.          | CHECKED BY: JWD  | DATE:           | ISSUED FOR CONSTRUCTION:        |
| 01        | 6/4/2013 | EA | REVIEW COMMENTS                     |          | KK  | WD            | APPROVED BY: JGT | DATE:           | DRAWING NUMBER: 1403.71 - 60011 |
| 02        | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD | JGT           |                  |                 | SHEET 11 OF 21                  |



**LEGEND**

- X Two-Tenths Milepost
- Proposed 36" Pipeline
- - - Approximate Permanent Easement
- - - Safety Fence/Chain Link Fence
- ▨ Temporary Construction ROW
- ▨ Temporary Extra Work Area
- ▨ Permanent ROW Not Used
- - - Parcel Boundary
- ▭ Approximate Building Footprint
- 26" Abandoned Pipeline
- 30" Existing Pipeline
- 36" Existing Pipeline

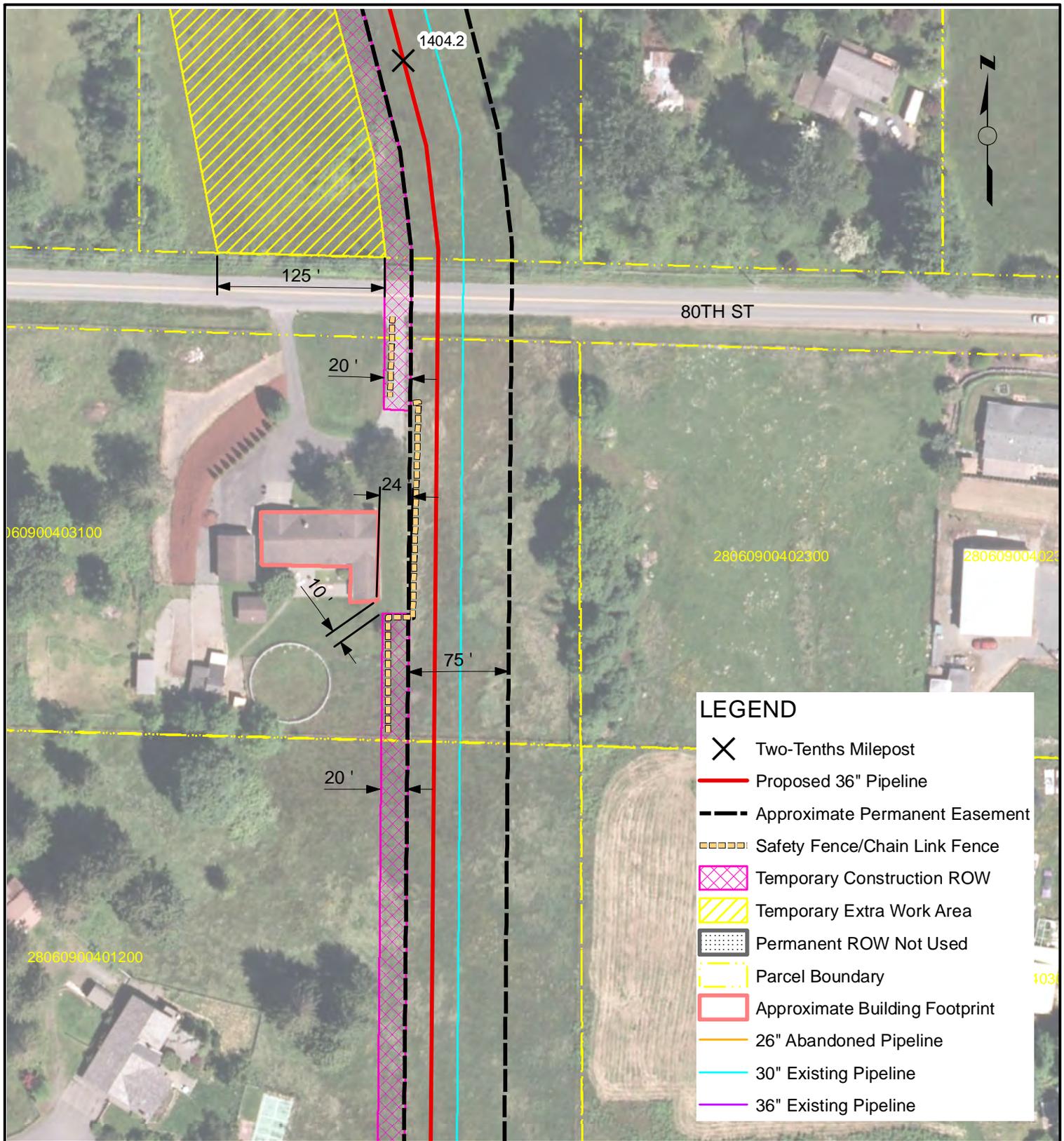
**NOTES**

NOTES:  
 1. Only structures intended for human occupancy are delineated as "residences" on these sheets. Outbuildings, garages, sheds, etc. may be present within 25-ft of the ROW and appropriate safety measures will be developed during the land acquisition and construction planning phase.

2. Non-residential structures within the construction workspace will be removed during construction. Removal details shall be addressed in accordance with current landowner agreements at the time of construction.

**NORTHWEST PIPELINE LLC**  
**WASHINGTON EXPANSION PROJECT**  
**RESIDENTIAL SITE SPECIFIC MAP**  
**MP 1403.87**  
**T-28-N, R-6-E, S-16**  
**SNOHOMISH COUNTY, WASHINGTON**

| REVISIONS |          |    |                                     |          |     |      | DRAWN BY: EKA    | DATE: 5/15/13 | ISSUED FOR BID:                 | SCALE: 1" = 100' |
|-----------|----------|----|-------------------------------------|----------|-----|------|------------------|---------------|---------------------------------|------------------|
| NO.       | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK | APP. | CHECKED BY: JWD  | DATE:         | ISSUED FOR CONSTRUCTION:        |                  |
| 01        | 6/4/2013 | EA | REVIEW COMMENTS                     |          | KK  | WD   | APPROVED BY: JGT | DATE:         | DRAWING NUMBER: 1403.86 - 60012 | SHEET 12         |
| 02        | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD | JGT  |                  |               |                                 | OF 21            |



**LEGEND**

- ✕ Two-Tenths Milepost
- Proposed 36" Pipeline
- - - Approximate Permanent Easement
- Safety Fence/Chain Link Fence
- ▨ Temporary Construction ROW
- ▨ Temporary Extra Work Area
- ▨ Permanent ROW Not Used
- ▨ Parcel Boundary
- ▭ Approximate Building Footprint
- 26" Abandoned Pipeline
- 30" Existing Pipeline
- 36" Existing Pipeline

**NOTES**

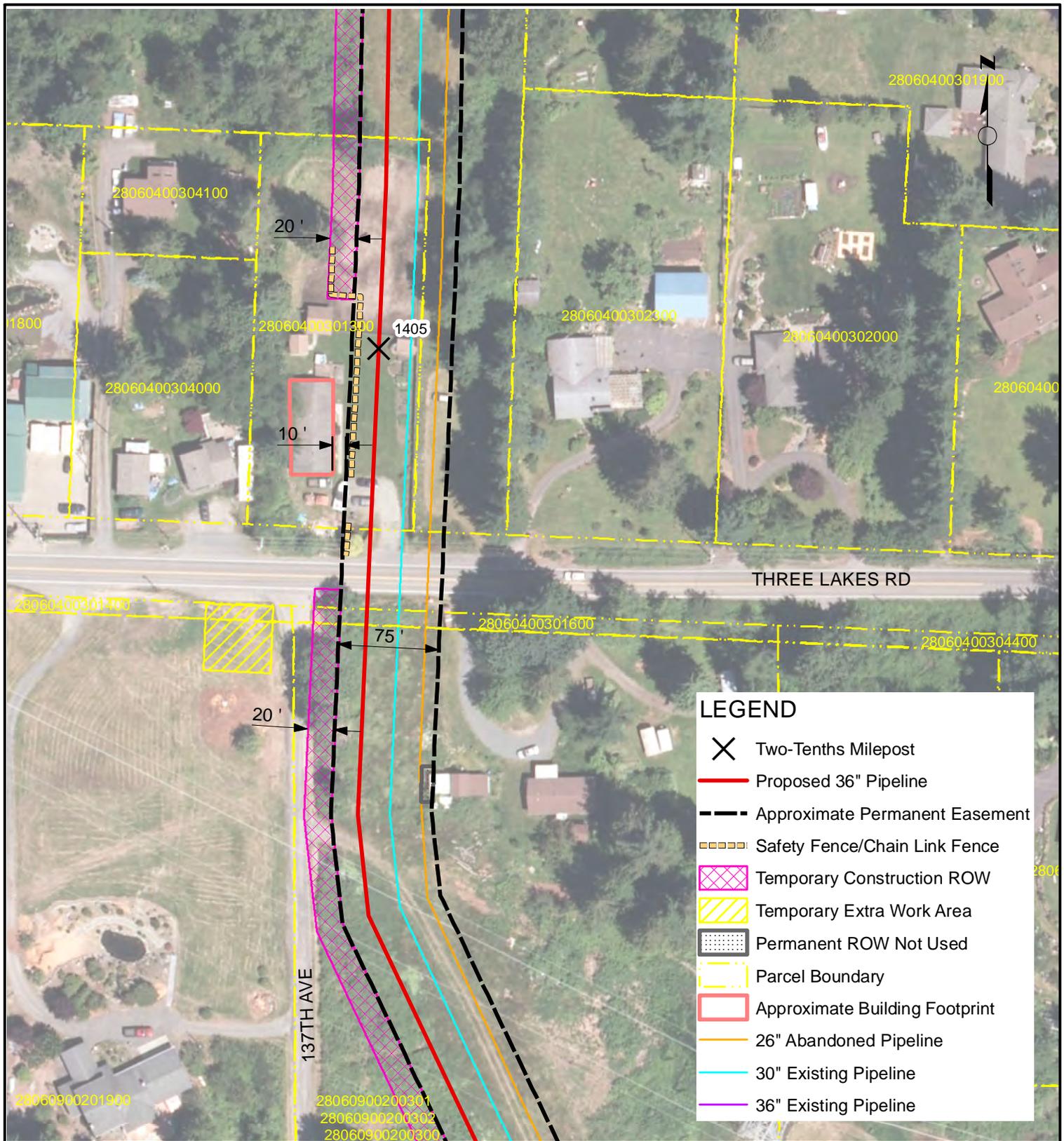
NOTES:  
 1. Only structures intended for human occupancy are delineated as "residences" on these sheets. Outbuildings, garages, sheds, etc. may be present within 25-ft of the ROW and appropriate safety measures will be developed during the land acquisition and construction planning phase.

2. Non-residential structures within the construction workspace will be removed during construction. Removal details shall be addressed in accordance with current landowner agreements at the time of construction.

**NORTHWEST PIPELINE LLC**  
**WASHINGTON EXPANSION PROJECT**  
**RESIDENTIAL SITE SPECIFIC MAP**  
**MP 1404.13**  
**T-28-N, R-6-E, S-9**  
**SNOHOMISH COUNTY, WASHINGTON**

| REVISIONS |          |    |                                     |          |     |      |
|-----------|----------|----|-------------------------------------|----------|-----|------|
| NO.       | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK | APP. |
| 01        | 6/4/2013 | EA | REVIEW COMMENTS                     |          | KK  | WD   |
| 02        | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD | JGT  |

|                  |               |                                 |                  |
|------------------|---------------|---------------------------------|------------------|
| DRAWN BY: EKA    | DATE: 5/15/13 | ISSUED FOR BID:                 | SCALE: 1" = 100' |
| CHECKED BY: JWD  | DATE:         | ISSUED FOR CONSTRUCTION:        |                  |
| APPROVED BY: JGT | DATE:         | DRAWING NUMBER: 1404.13 - 60013 | SHEET 13 OF 21   |



**LEGEND**

- ✕ Two-Tenths Milepost
- Proposed 36" Pipeline
- - - Approximate Permanent Easement
- ▤ Safety Fence/Chain Link Fence
- ▨ Temporary Construction ROW
- ▧ Temporary Extra Work Area
- ▩ Permanent ROW Not Used
- - - Parcel Boundary
- ▭ Approximate Building Footprint
- 26" Abandoned Pipeline
- 30" Existing Pipeline
- 36" Existing Pipeline

**NOTES**

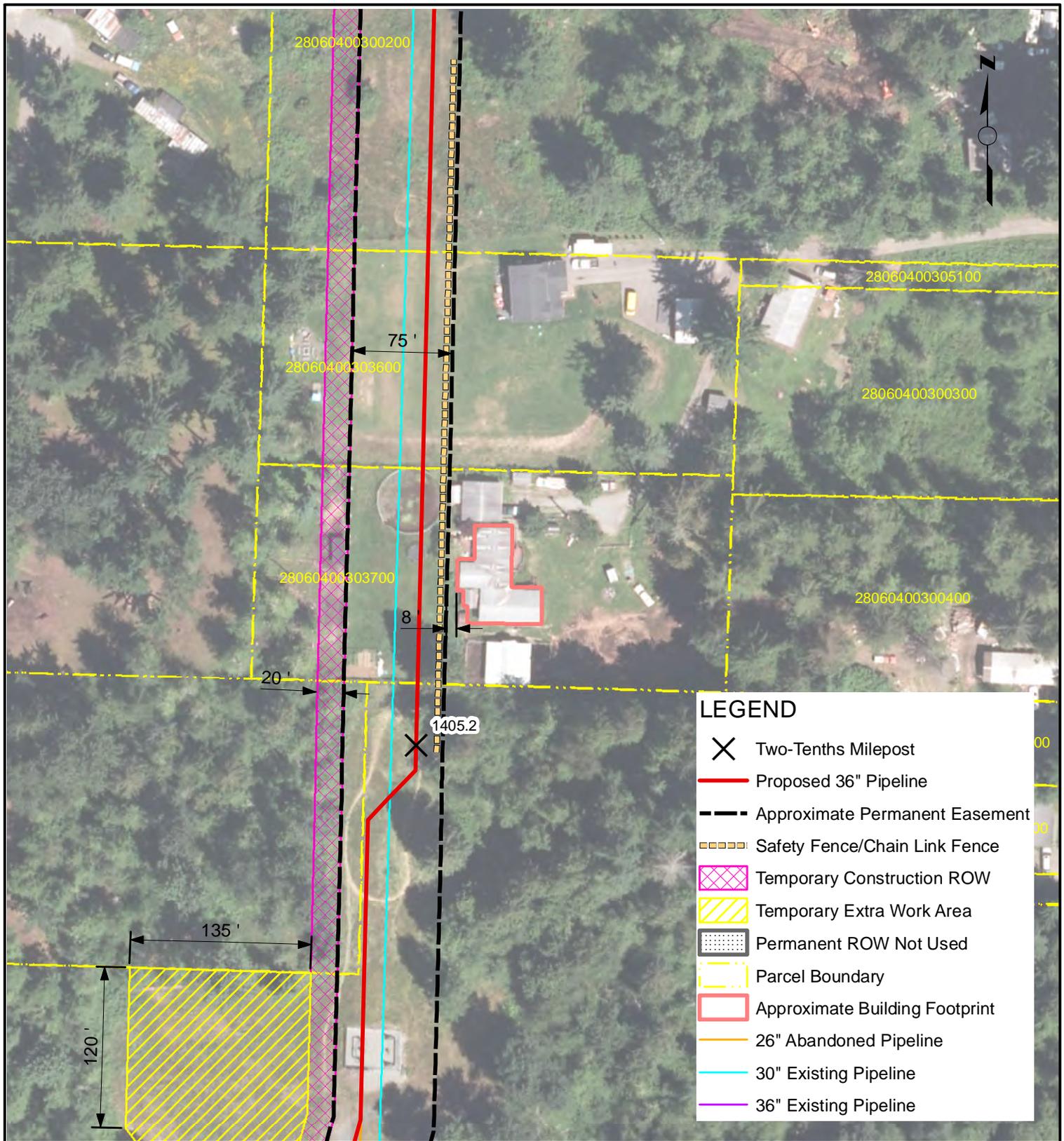
NOTES:  
 1. Only structures intended for human occupancy are delineated as "residences" on these sheets. Outbuildings, garages, sheds, etc. may be present within 25-ft of the ROW and appropriate safety measures will be developed during the land acquisition and construction planning phase.

2. Non-residential structures within the construction workspace will be removed during construction. Removal details shall be addressed in accordance with current landowner agreements at the time of construction.

**NORTHWEST PIPELINE LLC**  
**WASHINGTON EXPANSION PROJECT**  
**RESIDENTIAL SITE SPECIFIC MAP**  
**MP 1404.99**  
**T-28-N, R-6-E, S-4**  
**SNOHOMISH COUNTY, WASHINGTON**

| REVISIONS |          |    |                                     |          |          |
|-----------|----------|----|-------------------------------------|----------|----------|
| NO.       | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK APP. |
| 01        | 6/4/2013 | EA | REVIEW COMMENTS                     |          | KK WD    |
| 02        | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD JGT  |

|                  |               |                                 |                  |
|------------------|---------------|---------------------------------|------------------|
| DRAWN BY: EKA    | DATE: 5/15/13 | ISSUED FOR BID:                 | SCALE: 1" = 100' |
| CHECKED BY: JWD  | DATE:         | ISSUED FOR CONSTRUCTION:        |                  |
| APPROVED BY: JGT | DATE:         | DRAWING NUMBER: 1404.98 - 60014 | SHEET 14 OF 21   |



**LEGEND**

- ✕ Two-Tenths Milepost
- Proposed 36" Pipeline
- - - Approximate Permanent Easement
- ▤ Safety Fence/Chain Link Fence
- ▨ Temporary Construction ROW
- ▧ Temporary Extra Work Area
- ▩ Permanent ROW Not Used
- ▭ Parcel Boundary
- ▭ Approximate Building Footprint
- 26" Abandoned Pipeline
- 30" Existing Pipeline
- 36" Existing Pipeline

**NOTES**

NOTES:  
 1. Only structures intended for human occupancy are delineated as "residences" on these sheets. Outbuildings, garages, sheds, etc. may be present within 25-ft of the ROW and appropriate safety measures will be developed during the land acquisition and construction planning phase.  
 2. Non-residential structures within the construction workspace will be removed during construction. Removal details shall be addressed in accordance with current landowner agreements at the time of construction.

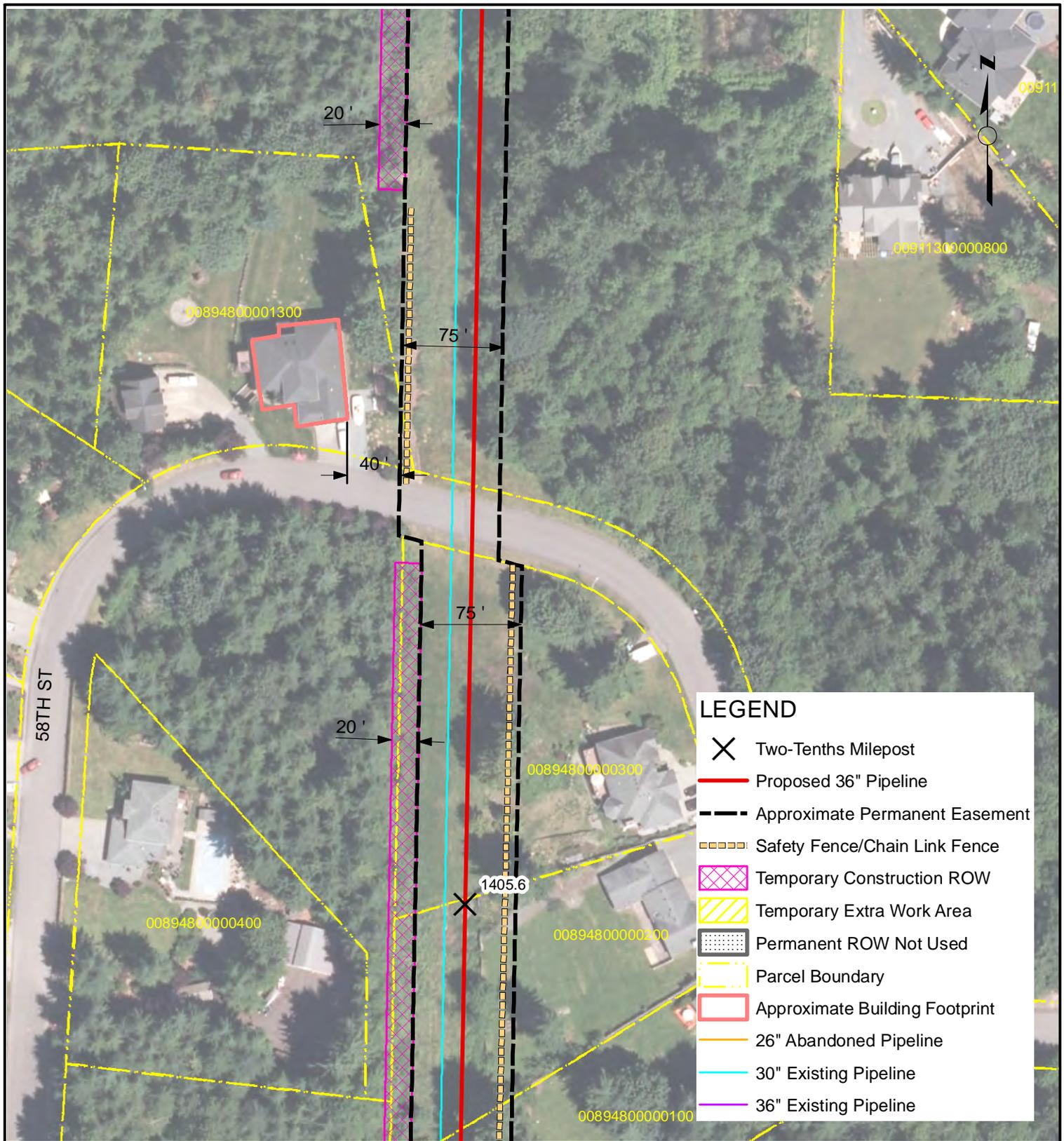
NORTHWEST PIPELINE LLC  
 WASHINGTON EXPANSION PROJECT  
 RESIDENTIAL SITE SPECIFIC MAP  
 MP 1405.22  
 T-28-N, R-6-E, S-4  
 SNOHOMISH COUNTY, WASHINGTON



**REVISIONS**

| NO. | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK | APP. |
|-----|----------|----|-------------------------------------|----------|-----|------|
| 01  | 6/4/2013 | EA | REVIEW COMMENTS                     |          | KK  | WD   |
| 02  | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD | JGT  |

|                  |               |                                 |                  |
|------------------|---------------|---------------------------------|------------------|
| DRAWN BY: EKA    | DATE: 5/15/13 | ISSUED FOR BID:                 | SCALE: 1" = 100' |
| CHECKED BY: JWD  | DATE:         | ISSUED FOR CONSTRUCTION:        |                  |
| APPROVED BY: JGT | DATE:         | DRAWING NUMBER: 1405.21 - 60015 | SHEET 15 OF 21   |



**LEGEND**

- X Two-Tenths Milepost
- Proposed 36" Pipeline
- - - Approximate Permanent Easement
- Safety Fence/Chain Link Fence
- ▨ Temporary Construction ROW
- ▧ Temporary Extra Work Area
- ▤ Permanent ROW Not Used
- - - Parcel Boundary
- Approximate Building Footprint
- 26" Abandoned Pipeline
- 30" Existing Pipeline
- 36" Existing Pipeline

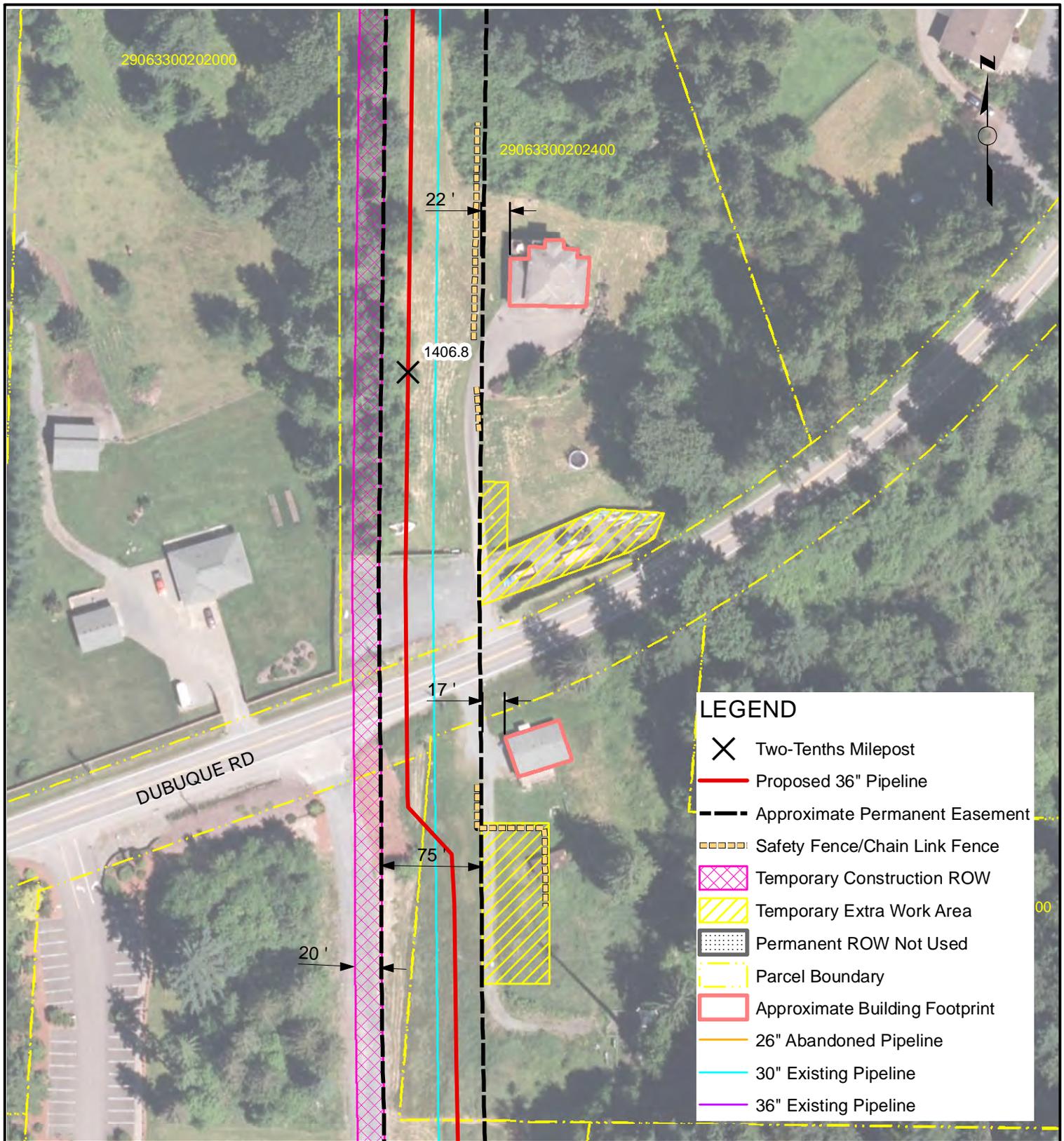
**NOTES**

NOTES:  
 1. Only structures intended for human occupancy are delineated as "residences" on these sheets. Outbuildings, garages, sheds, etc. may be present within 25-ft of the ROW and appropriate safety measures will be developed during the land acquisition and construction planning phase.  
 2. Non-residential structures within the construction workspace will be removed during construction. Removal details shall be addressed in accordance with current landowner agreements at the time of construction.

NORTHWEST PIPELINE LLC  
 WASHINGTON EXPANSION PROJECT  
 RESIDENTIAL SITE SPECIFIC MAP  
 MP 1405.67  
 T-28-N, R-6-E, S-4  
 SNOHOMISH COUNTY, WASHINGTON



| REVISIONS |          |    |                                     |          |     |      | DRAWN BY: EKA    | DATE: 5/15/13 | ISSUED FOR BID:                 | SCALE: 1" = 100' |
|-----------|----------|----|-------------------------------------|----------|-----|------|------------------|---------------|---------------------------------|------------------|
| NO.       | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK | APP. | CHECKED BY: JWD  | DATE:         | ISSUED FOR CONSTRUCTION:        |                  |
| 01        | 6/4/2013 | EA | REVIEW COMMENTS                     |          | KK  | WD   | APPROVED BY: JGT | DATE:         | DRAWING NUMBER: 1405.67 - 60016 | SHEET 16         |
| 02        | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD | JGT  |                  |               |                                 | OF 21            |



**NOTES**

NOTES:  
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 2. Non-residential structures within the construction workspace will be removed during construction. Removal details shall be addressed in accordance with current landowner agreements at the time of construction.

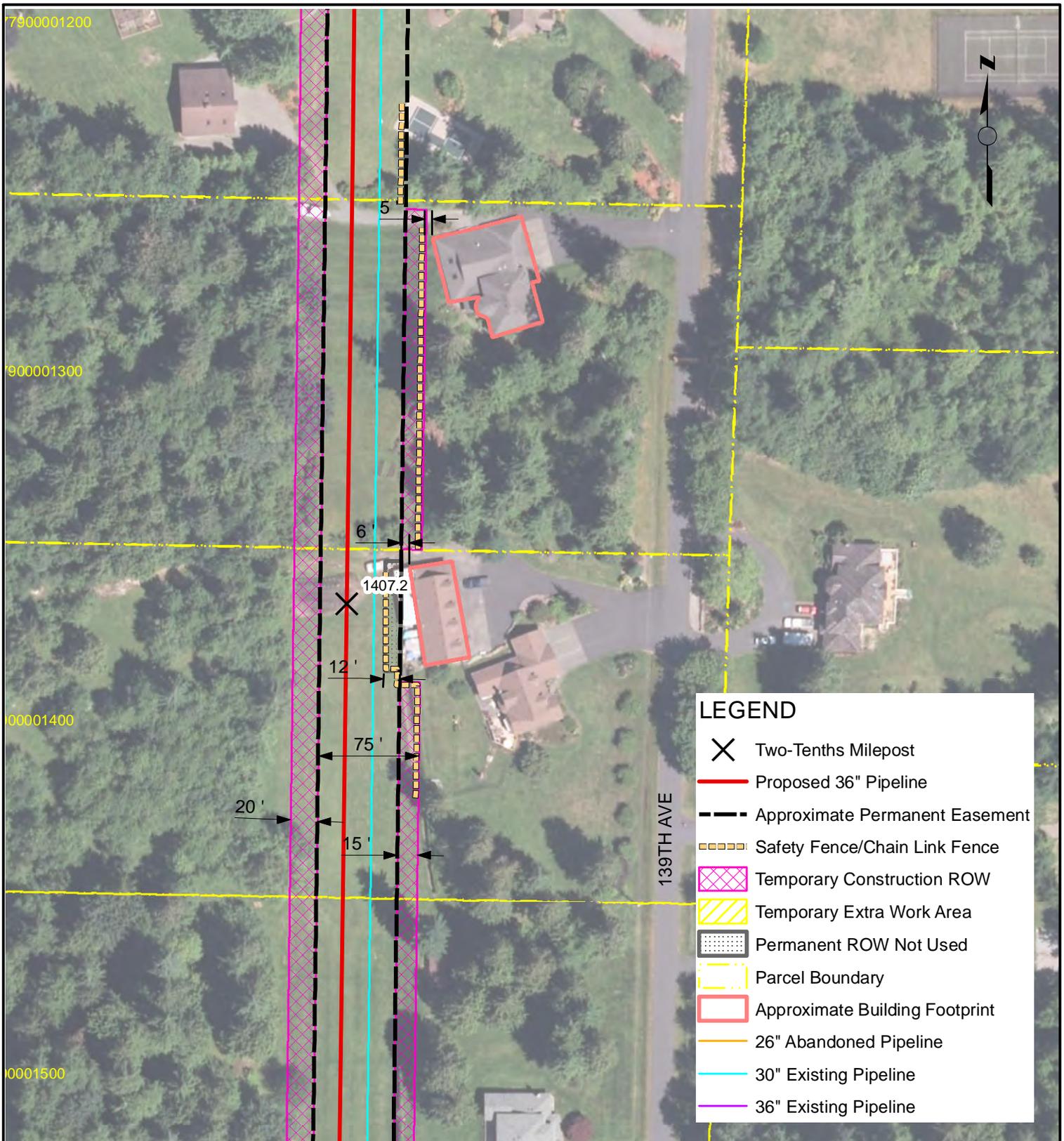
NORTHWEST PIPELINE LLC  
 WASHINGTON EXPANSION PROJECT  
 RESIDENTIAL SITE SPECIFIC MAP  
 MP 1406.77  
 T-29-N, R-6-E, S-33  
 SNOHOMISH COUNTY, WASHINGTON



**REVISIONS**

| NO. | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK | APP. |
|-----|----------|----|-------------------------------------|----------|-----|------|
| 01  | 6/4/2013 | EA | REVIEW COMMENTS                     |          | KK  | WD   |
| 02  | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD | JGT  |

|                  |               |                                 |                  |
|------------------|---------------|---------------------------------|------------------|
| DRAWN BY: EKA    | DATE: 5/15/13 | ISSUED FOR BID:                 | SCALE: 1" = 100' |
| CHECKED BY: JWD  | DATE:         | ISSUED FOR CONSTRUCTION:        |                  |
| APPROVED BY: JGT | DATE:         | DRAWING NUMBER: 1406.77 - 60017 | SHEET 17 OF 21   |



**LEGEND**

- ✕ Two-Tenths Milepost
- Proposed 36" Pipeline
- - - Approximate Permanent Easement
- Safety Fence/Chain Link Fence
- ▨ Temporary Construction ROW
- ▧ Temporary Extra Work Area
- ▩ Permanent ROW Not Used
- Parcel Boundary
- Approximate Building Footprint
- 26" Abandoned Pipeline
- 30" Existing Pipeline
- 36" Existing Pipeline

**NOTES**

NOTES:  
 1. Only structures intended for human occupancy are delineated as "residences" on these sheets. Outbuildings, garages, sheds, etc. may be present within 25-ft of the ROW and appropriate safety measures will be developed during the land acquisition and construction planning phase.  
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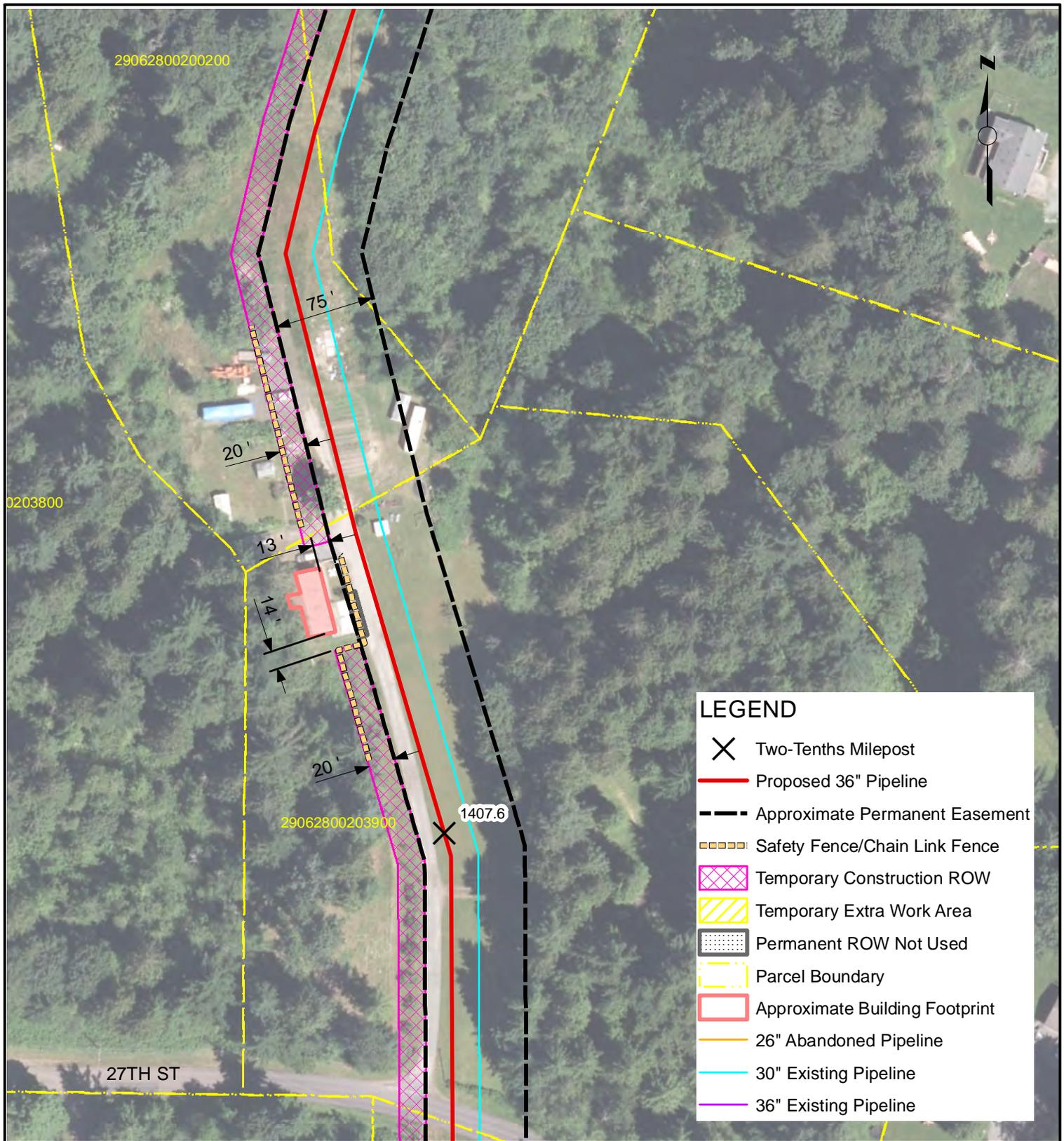
NORTHWEST PIPELINE LLC  
 WASHINGTON EXPANSION PROJECT  
 RESIDENTIAL SITE SPECIFIC MAP  
 MP 1407.2  
 T-29-N, R-6-E, S-28  
 SNOHOMISH COUNTY, WASHINGTON



**REVISIONS**

| NO. | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK | APP. |
|-----|----------|----|-------------------------------------|----------|-----|------|
| 01  | 6/4/2013 | EA | REVIEW COMMENTS                     |          | KK  | WD   |
| 02  | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD | JGT  |

|                  |               |                                 |                  |
|------------------|---------------|---------------------------------|------------------|
| DRAWN BY: EKA    | DATE: 5/15/13 | ISSUED FOR BID:                 | SCALE: 1" = 100' |
| CHECKED BY: JWD  | DATE:         | ISSUED FOR CONSTRUCTION:        |                  |
| APPROVED BY: JGT | DATE:         | DRAWING NUMBER: 1407.19 - 60018 | SHEET 18 OF 21   |



**LEGEND**

- ✕ Two-Tenths Milepost
- Proposed 36" Pipeline
- - - Approximate Permanent Easement
- ▤ Safety Fence/Chain Link Fence
- ▨ Temporary Construction ROW
- ▧ Temporary Extra Work Area
- ▩ Permanent ROW Not Used
- - - Parcel Boundary
- ▭ Approximate Building Footprint
- 26" Abandoned Pipeline
- 30" Existing Pipeline
- 36" Existing Pipeline

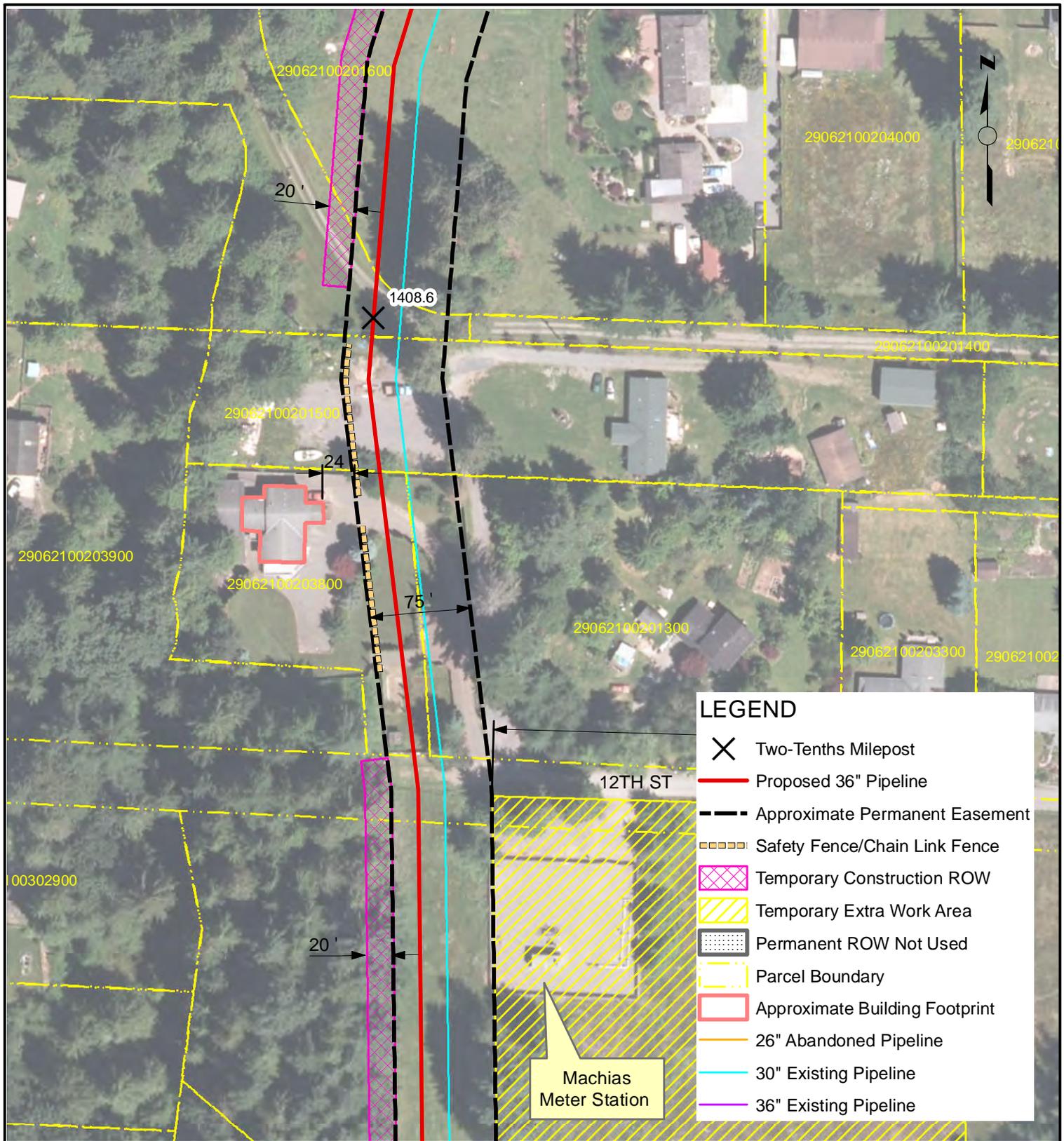
**NOTES**

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NORTHWEST PIPELINE LLC  
 WASHINGTON EXPANSION PROJECT  
 RESIDENTIAL SITE SPECIFIC MAP  
 MP 1407.63  
 T-29-N, R-6-E, S-28  
 SNOHOMISH COUNTY, WASHINGTON

| REVISIONS |          |    |                                     |          |     |      | DRAWN BY: EKA    | DATE: 5/15/13 | ISSUED FOR BID:                 | SCALE: 1" = 100' |
|-----------|----------|----|-------------------------------------|----------|-----|------|------------------|---------------|---------------------------------|------------------|
| NO.       | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK | APP. | CHECKED BY: JWD  | DATE:         | ISSUED FOR CONSTRUCTION:        |                  |
| 01        | 6/4/2013 | EA | REVIEW COMMENTS                     |          | KK  | WD   | APPROVED BY: JGT | DATE:         | DRAWING NUMBER: 1407.63 - 60019 | SHEET 19         |
| 02        | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD | JGT  |                  |               | 1407.63 - 60019                 | OF 21            |



**NOTES**

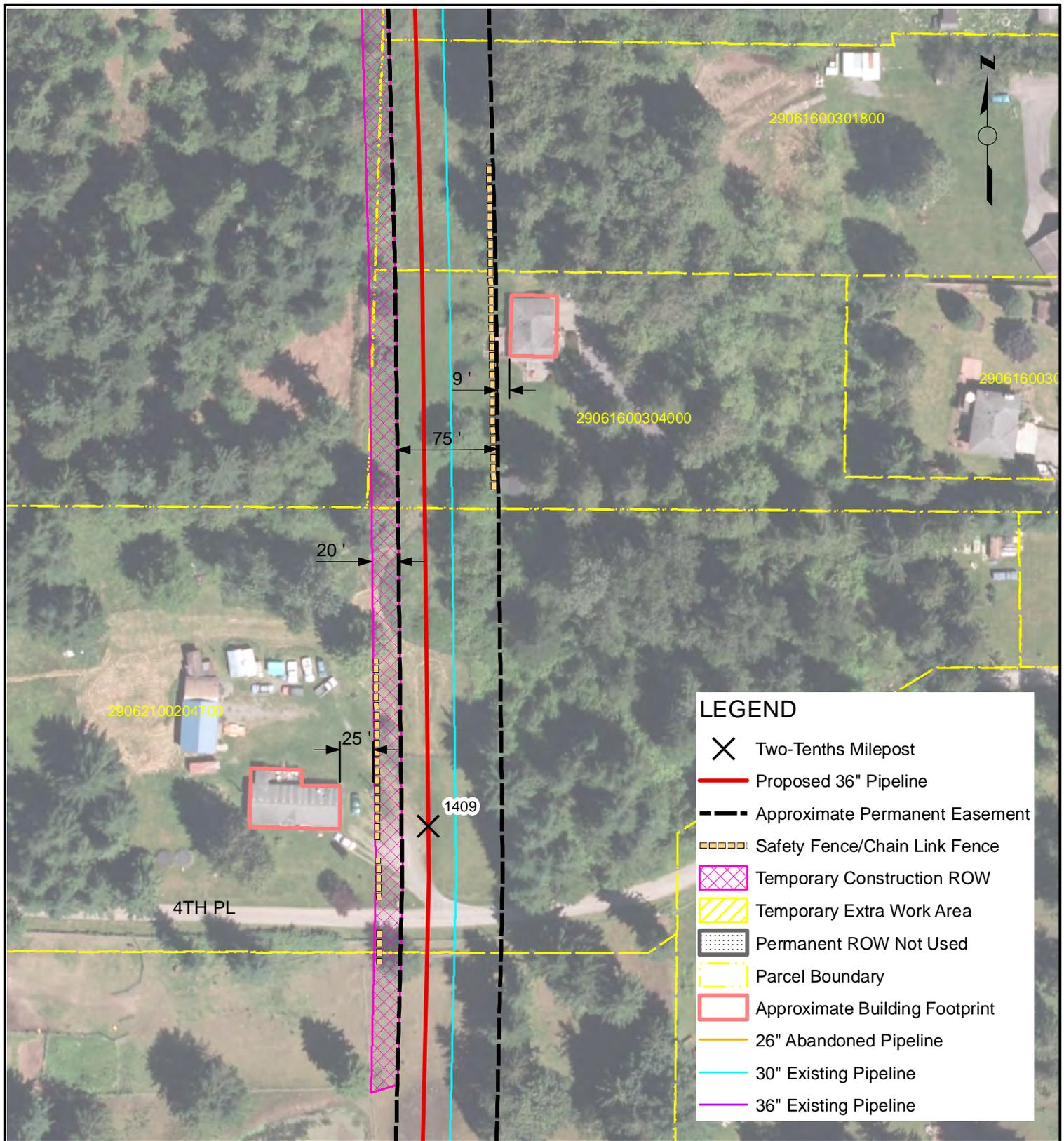
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NORTHWEST PIPELINE LLC  
 WASHINGTON EXPANSION PROJECT  
 RESIDENTIAL SITE SPECIFIC MAP  
 MP 1408.56  
 T-29-N, R-6-E, S-21  
 SNOHOMISH COUNTY, WASHINGTON



| REVISIONS |          |    |                                     |          |     |      | DRAWN BY: EKA    | DATE: 5/15/13 | ISSUED FOR BID:                 | SCALE: 1" = 100' |
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| NO.       | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK | APP. | CHECKED BY: JWD  | DATE:         | ISSUED FOR CONSTRUCTION:        |                  |
| 01        | 6/4/2013 | EA | REVIEW COMMENTS                     |          | KK  | WD   | APPROVED BY: JGT | DATE:         | DRAWING NUMBER: 1408.56 - 60020 | SHEET 20         |
| 02        | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD | JGT  |                  |               |                                 | OF 21            |



**LEGEND**

- ✕ Two-Tenths Milepost
- Proposed 36" Pipeline
- - - Approximate Permanent Easement
- Safety Fence/Chain Link Fence
- ▨ Temporary Construction ROW
- ▧ Temporary Extra Work Area
- ▩ Permanent ROW Not Used
- Parcel Boundary
- ▭ Approximate Building Footprint
- 26" Abandoned Pipeline
- 30" Existing Pipeline
- 36" Existing Pipeline

**NOTES**

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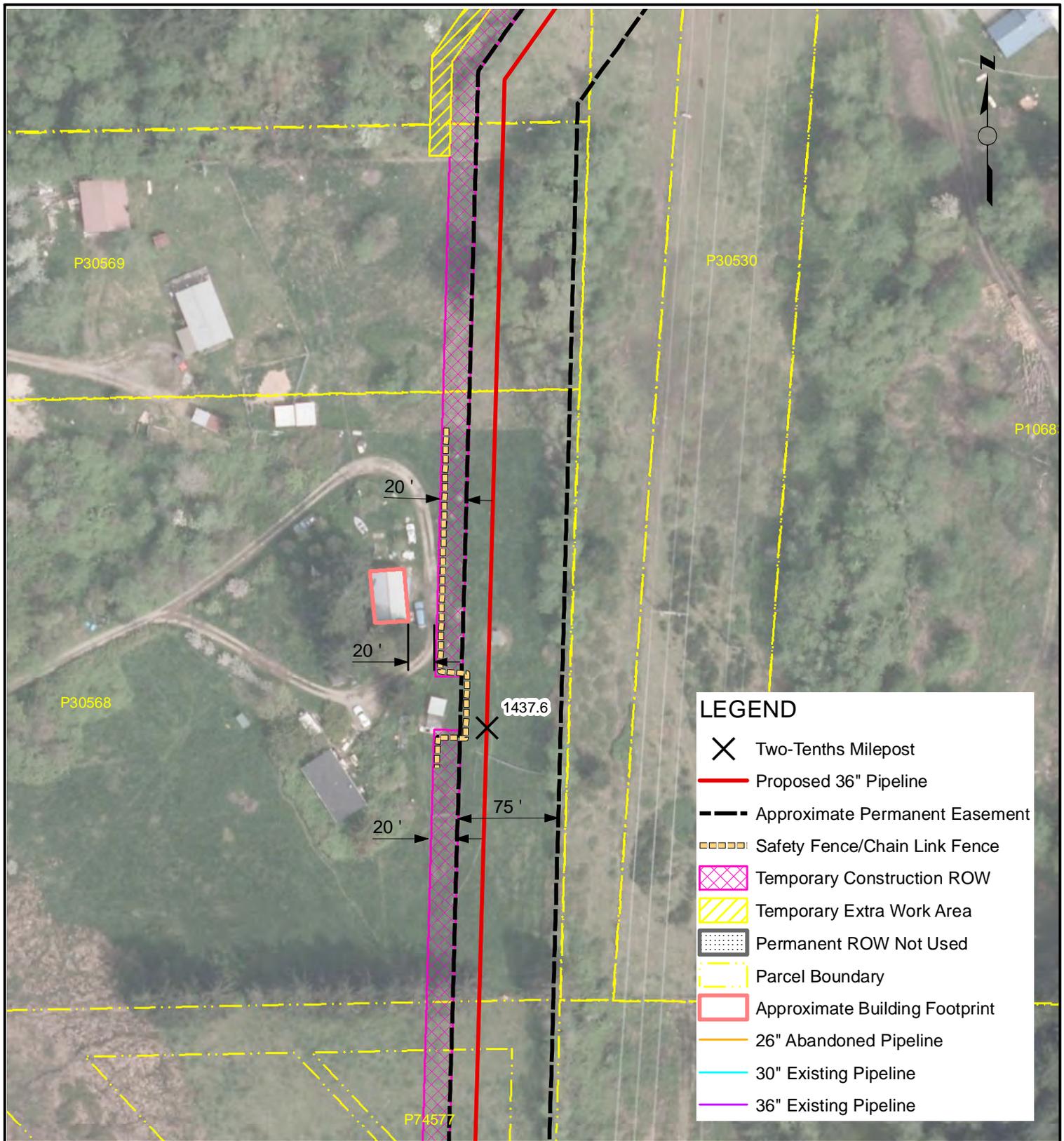
NORTHWEST PIPELINE LLC  
 WASHINGTON EXPANSION PROJECT  
 RESIDENTIAL SITE SPECIFIC MAP  
 MP 1409.04  
 T-29-N, R-6-E, S-21  
 SNOHOMISH COUNTY, WASHINGTON

| REVISIONS |          |    |                                     |          |     |      | DRAWN BY: EKA    | DATE: 5/15/13 | ISSUED FOR BID:                 | SCALE: 1" = 100' |
|-----------|----------|----|-------------------------------------|----------|-----|------|------------------|---------------|---------------------------------|------------------|
| NO.       | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK | APP. | CHECKED BY: JWD  | DATE:         | ISSUED FOR CONSTRUCTION:        |                  |
| 01        | 6/4/2013 | EA | REVIEW COMMENTS                     |          | KK  | WD   | APPROVED BY: JGT | DATE:         | DRAWING NUMBER: 1409.04 - 60021 | SHEET 21         |
| 02        | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD | JGT  |                  |               |                                 | OF 21            |



# Mt. Vernon South Loop





**LEGEND**

- ✕ Two-Tenths Milepost
- Proposed 36" Pipeline
- - - Approximate Permanent Easement
- - - Safety Fence/Chain Link Fence
- Temporary Construction ROW
- Temporary Extra Work Area
- Permanent ROW Not Used
- Parcel Boundary
- Approximate Building Footprint
- 26" Abandoned Pipeline
- 30" Existing Pipeline
- 36" Existing Pipeline

**NOTES**

NOTES:  
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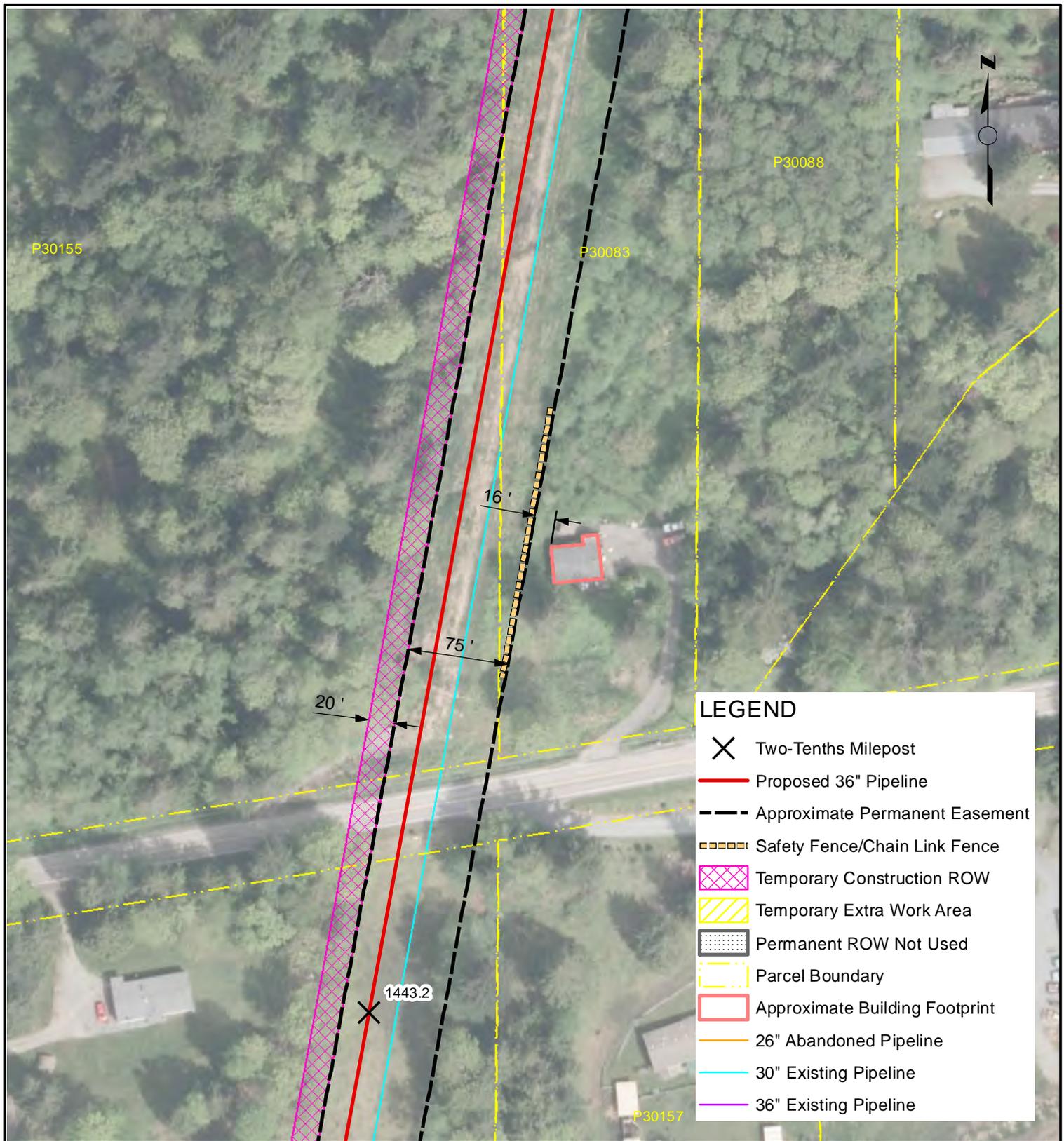
NORTHWEST PIPELINE LLC  
 WASHINGTON EXPANSION PROJECT  
 RESIDENTIAL SITE SPECIFIC MAP  
 MP 1437.62  
 T-34-N, R-5-E, S-31  
 SKAGIT COUNTY, WASHINGTON

| REVISIONS |          |    |                                     |          |     |      | DRAWN BY: EKA    | DATE: 5/15/13 | ISSUED FOR BID:                | SCALE: 1" = 100' |
|-----------|----------|----|-------------------------------------|----------|-----|------|------------------|---------------|--------------------------------|------------------|
| NO.       | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK | APP. | CHECKED BY: JWD  | DATE:         | ISSUED FOR CONSTRUCTION:       |                  |
| 01        | 6/4/2013 | EA | REVIEW COMMENTS                     |          | KK  | WD   | APPROVED BY: JGT | DATE:         | DRAWING NUMBER: 1437.61 - 7001 | SHEET 1          |
| 02        | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD | JGT  |                  |               |                                | OF 1             |



# Mt. Vernon North “A” Loop





**LEGEND**

- Two-Tenths Milepost
- Proposed 36" Pipeline
- Approximate Permanent Easement
- Safety Fence/Chain Link Fence
- Temporary Construction ROW
- Temporary Extra Work Area
- Permanent ROW Not Used
- Parcel Boundary
- Approximate Building Footprint
- 26" Abandoned Pipeline
- 30" Existing Pipeline
- 36" Existing Pipeline

**NOTES**

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NORTHWEST PIPELINE LLC  
 WASHINGTON EXPANSION PROJECT  
 RESIDENTIAL SITE SPECIFIC MAP  
 MP 1443.27  
 T-34-N, R-5-E, S-6  
 SKAGIT COUNTY, WASHINGTON



**REVISIONS**

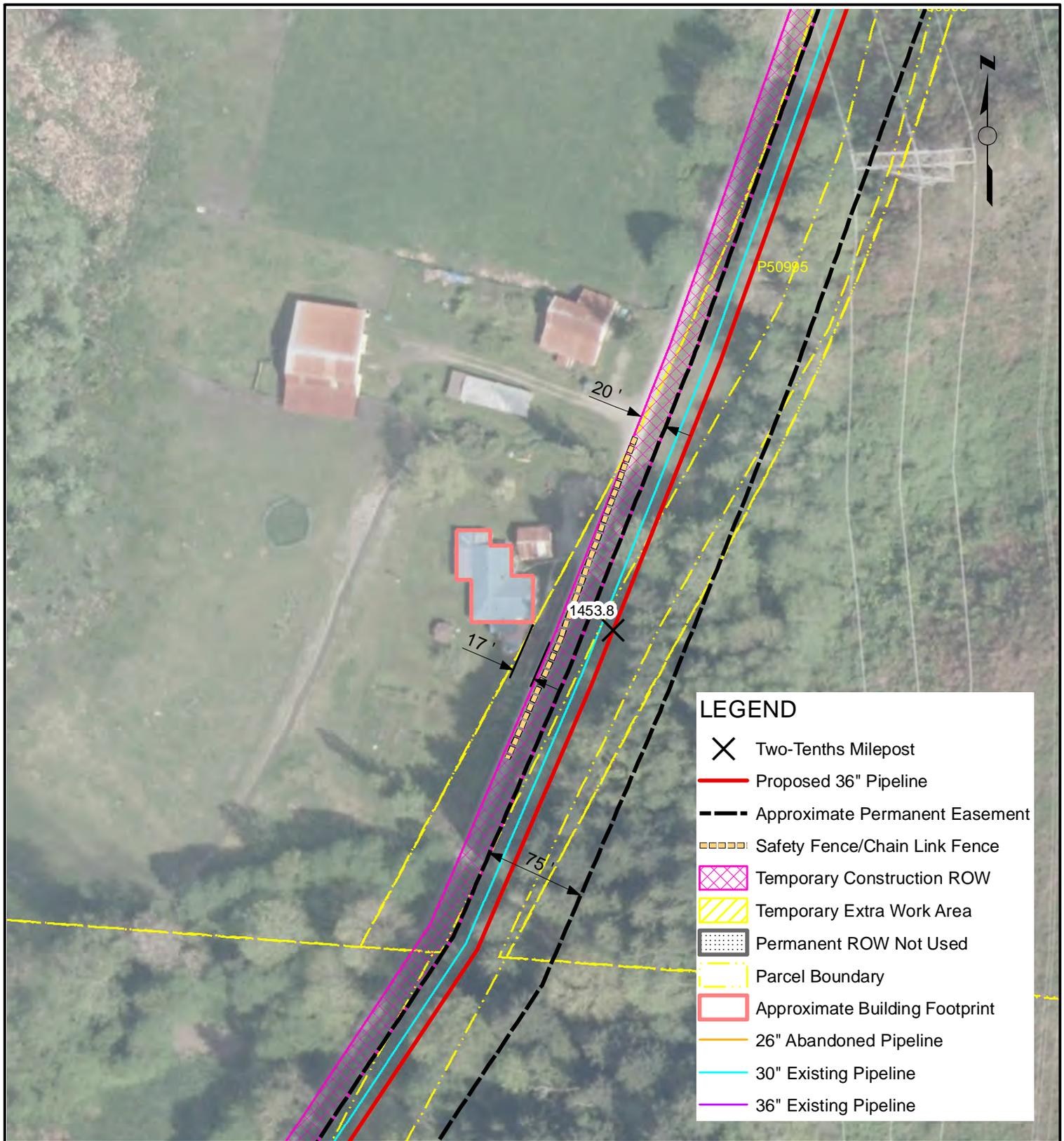
| NO. | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK. | APP. |
|-----|----------|----|-------------------------------------|----------|------|------|
| 01  | 6/4/2013 | EA | REVIEW COMMENTS                     |          | KK   | WD   |
| 02  | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD  | JGT  |

|                  |              |                                |                  |
|------------------|--------------|--------------------------------|------------------|
| DRAWN BY: EKA    | DATE: 5/1/14 | ISSUED FOR BID:                | SCALE: 1" = 100' |
| CHECKED BY: JWD  | DATE:        | ISSUED FOR CONSTRUCTION:       |                  |
| APPROVED BY: JGT | DATE:        | DRAWING NUMBER: 1443.27 - 8001 | SHEET 1 OF 1     |



# Mt. Vernon North “B” Loop





**LEGEND**

- X Two-Tenths Milepost
- Proposed 36" Pipeline
- - - Approximate Permanent Easement
- Safety Fence/Chain Link Fence
- ▨ Temporary Construction ROW
- ▧ Temporary Extra Work Area
- ▩ Permanent ROW Not Used
- - - Parcel Boundary
- Approximate Building Footprint
- 26" Abandoned Pipeline
- 30" Existing Pipeline
- 36" Existing Pipeline

**NOTES**

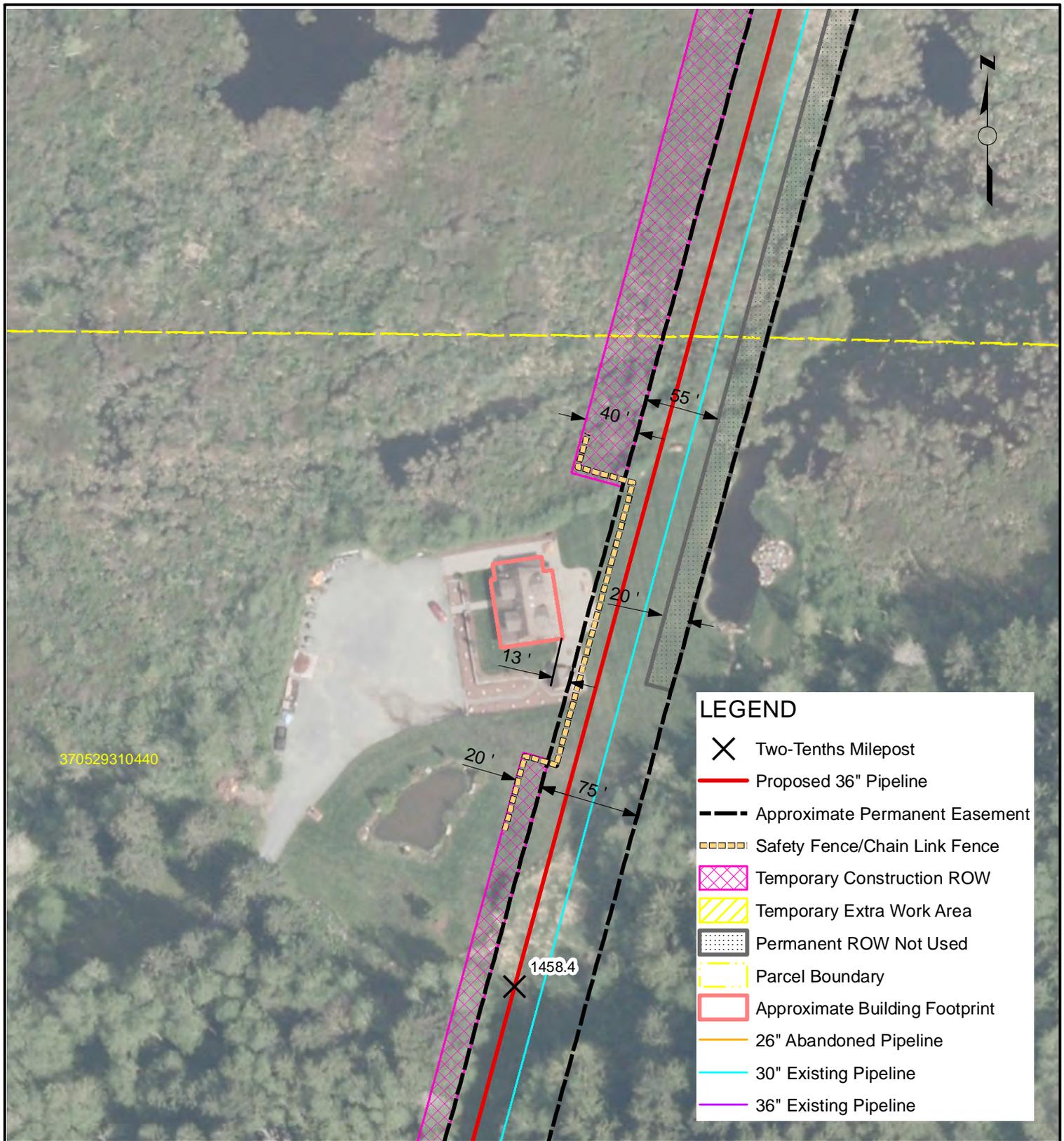
NOTES:  
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NORTHWEST PIPELINE LLC  
 WASHINGTON EXPANSION PROJECT  
 RESIDENTIAL SITE SPECIFIC MAP  
 MP 1453.8  
 T-36-N, R-5-E, S-18  
 SKAGIT COUNTY, WASHINGTON



| REVISIONS |          |    |                                     |          |     |      | DRAWN BY: EKA    | DATE: 5/15/13 | ISSUED FOR BID:               | SCALE: 1" = 100' |
|-----------|----------|----|-------------------------------------|----------|-----|------|------------------|---------------|-------------------------------|------------------|
| NO.       | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK | APP. | CHECKED BY: JWD  | DATE:         | ISSUED FOR CONSTRUCTION:      |                  |
| 01        | 6/4/2013 | EA | REVIEW COMMENTS                     |          | KK  | WD   | APPROVED BY: JGT | DATE:         | DRAWING NUMBER: 1453.8 - 9001 | SHEET 1          |
| 02        | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD | JGT  |                  |               |                               | OF 2             |



**LEGEND**

- X Two-Tenths Milepost
- Proposed 36" Pipeline
- - - Approximate Permanent Easement
- - - Safety Fence/Chain Link Fence
- Temporary Construction ROW
- Temporary Extra Work Area
- Permanent ROW Not Used
- Parcel Boundary
- Approximate Building Footprint
- 26" Abandoned Pipeline
- 30" Existing Pipeline
- 36" Existing Pipeline

**NOTES**

NOTES:  
 1. Only structures intended for human occupancy are delineated as "residences" on these sheets. Outbuildings, garages, sheds, etc. may be present within 25-ft of the ROW and appropriate safety measures will be developed during the land acquisition and construction planning phase.  
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NORTHWEST PIPELINE LLC  
 WASHINGTON EXPANSION PROJECT  
 RESIDENTIAL SITE SPECIFIC MAP  
 MP 1458.46  
 T-37-N, R-5-E, S-29  
 WHATCOM COUNTY, WASHINGTON



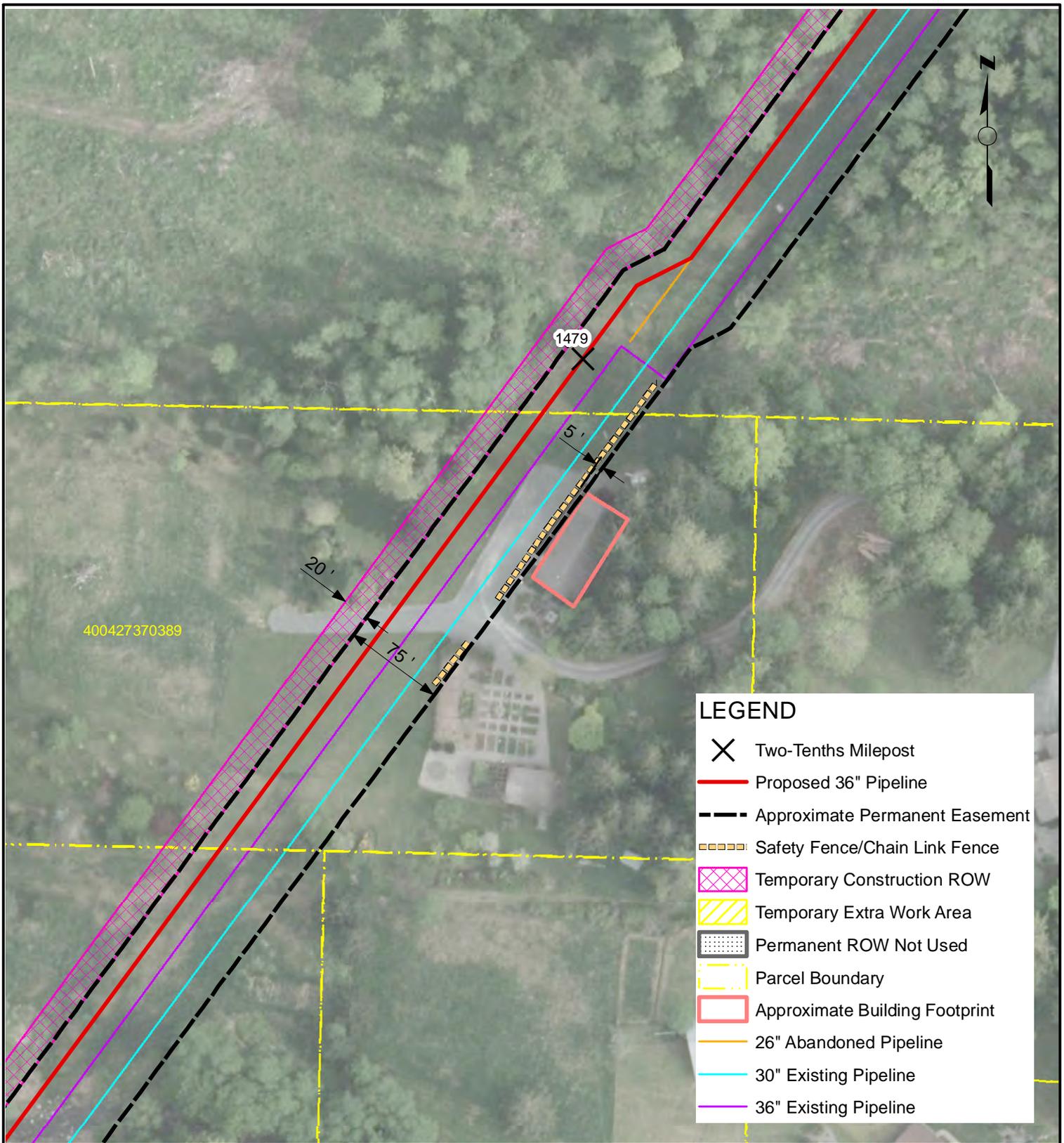
**REVISIONS**

| NO. | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK | APP. |
|-----|----------|----|-------------------------------------|----------|-----|------|
| 01  | 6/4/2013 | EA | REVIEW COMMENTS                     |          | KK  | WD   |
| 02  | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD | JGT  |

|                  |               |                                |                  |
|------------------|---------------|--------------------------------|------------------|
| DRAWN BY: EKA    | DATE: 5/15/13 | ISSUED FOR BID:                | SCALE: 1" = 100' |
| CHECKED BY: JWD  | DATE:         | ISSUED FOR CONSTRUCTION:       |                  |
| APPROVED BY: JGT | DATE:         | DRAWING NUMBER: 1458.45 - 9002 | SHEET 2 OF 2     |

# Sumas Loop





**LEGEND**

- ✕ Two-Tenths Milepost
- Proposed 36" Pipeline
- - - Approximate Permanent Easement
- ▤ Safety Fence/Chain Link Fence
- ▨ Temporary Construction ROW
- ▧ Temporary Extra Work Area
- ▩ Permanent ROW Not Used
- - - Parcel Boundary
- ▭ Approximate Building Footprint
- 26" Abandoned Pipeline
- 30" Existing Pipeline
- 36" Existing Pipeline

**NOTES**

NOTES:  
 1. Only structures intended for human occupancy are delineated as "residences" on these sheets. Outbuildings, garages, sheds, etc. may be present within 25-ft of the ROW and appropriate safety measures will be developed during the land acquisition and construction planning phase.

2. Non-residential structures within the construction workspace will be removed during construction. Removal details shall be addressed in accordance with current landowner agreements at the time of construction.

**NORTHWEST PIPELINE LLC**  
**WASHINGTON EXPANSION PROJECT**  
**RESIDENTIAL SITE SPECIFIC MAP**  
**MP 1478.97**  
**T-40-N, R-4-E, S-27**  
**WHATCOM COUNTY, WASHINGTON**

| REVISIONS |          |    |                                     |          |     |      | DRAWN BY: EKA    | DATE: 5/15/13 | ISSUED FOR BID:                 | SCALE: 1" = 100' |
|-----------|----------|----|-------------------------------------|----------|-----|------|------------------|---------------|---------------------------------|------------------|
| NO.       | DATE     | BY | DESCRIPTION                         | W.O. NO. | CHK | APP. | CHECKED BY: JWD  | DATE:         | ISSUED FOR CONSTRUCTION:        |                  |
| 01        | 6/4/2013 | EA | REVIEW COMMENTS                     |          | KK  | WD   | APPROVED BY: JGT | DATE:         | DRAWING NUMBER: 1478.96 - 10001 | SHEET 1          |
| 02        | 5/1/2014 | RC | Issued for FERC Supplemental Filing |          | JWD | JGT  |                  |               |                                 | OF 1             |



APPENDIX I6

Table I6-1

Residences within 50 Feet of WEP Construction Right-of-Way

| Loop Name    | Milepost (approx) | Distance to Workspace (feet) <sup>a</sup> | APN          | Site Address           | Site City   | Site ZIP Code | Site County |
|--------------|-------------------|---|--------------|------------------------|-------------|---------------|-------------|
| WOODLAND     | 1244              | 11.0                                      | 60138/81023  | 603 INSEL RD           | WOODLAND    | 98674         | COWLITZ     |
| WOODLAND     | 1244.45           | 9.9                                       | 706700100    | 611 INSEL RD           | WOODLAND    | 98674         | COWLITZ     |
| WOODLAND     | 1244.48           | 6.0                                       | 6014247      | 677 INSEL RD           | WOODLAND    | 98674         | COWLITZ     |
| WOODLAND     | 1244.63           | 47.2                                      | 601424101    | 110 BOZARTH HEIGHTS RD | WOODLAND    | 98674         | COWLITZ     |
| WOODLAND     | 1244.71           | 10.1                                      | 601424102    | 112 BOZARTH HEIGHTS RD | WOODLAND    | 98674         | COWLITZ     |
| WOODLAND     | 1244.95           | 5.0                                       | EA0702003    | 360 HILLSDALE DR       | WOODLAND    | 98674         | COWLITZ     |
| WOODLAND     | 1245.06           | 48.6                                      | EA0702039    | 386 HILLSDALE DR       | WOODLAND    | 98674         | COWLITZ     |
| WOODLAND     | 1245.54           | 46.9                                      | WB0104011    | 124 FAIRWOOD RD        | WOODLAND    | 98674         | COWLITZ     |
| WOODLAND     | 1245.83           | 49.4                                      | WB0107002    | 6270 GREEN MOUNTAIN RD | WOODLAND    | 98674         | COWLITZ     |
| WOODLAND     | 1245.92           | 43.1                                      | WB0106005    | 130 GLORY RD           | WOODLAND    | 98674         | COWLITZ     |
| WOODLAND     | 1246.09           | 47.0                                      | WB0105005    | 5900 GREEN MOUNTAIN RD | WOODLAND    | 98674         | COWLITZ     |
| WOODLAND     | 1246.19           | 37.4                                      | WB0105009    | 210 POMPAN0 RD         | WOODLAND    | 98674         | COWLITZ     |
| WOODLAND     | 1246.95           | 41.8                                      | WC3609014    | 204 CANYON CREEK RD    | WOODLAND    | 98674         | COWLITZ     |
| WOODLAND     | 1247.29           | 17.8                                      | WC3608008    | 756 VARSITY RD         | KALAMA      | 98625         | COWLITZ     |
| WOODLAND     | 1247.30           | 41.5                                      | WC3608002    | 704 VARSITY RD         | KALAMA      | 98625         | COWLITZ     |
| WOODLAND     | 1247.37           | 26.7                                      | WC3608006    | 759 VARSITY RD         | KALAMA      | 98625         | COWLITZ     |
| WOODLAND     | 1247.43           | 17.0                                      | WC2503017    | 377 RESORT LN          | KALAMA      | 98625         | COWLITZ     |
| WOODLAND     | 1247.43           | 31.7                                      | WC2503017    | 377 RESORT LN          | KALAMA      | 98625         | COWLITZ     |
| WOODLAND     | 1248.59           | 32.8                                      | WC2304004    | 151 JOHNSON RD         | KALAMA      | 98625         | COWLITZ     |
| WOODLAND     | 1248.59           | 41.5                                      | WC2304004    | 151 JOHNSON RD         | KALAMA      | 98625         | COWLITZ     |
| WOODLAND     | 1248.63           | 17.4                                      | 740601       | 157 JOHNSON RD         | KALAMA      | 98625         | COWLITZ     |
| WOODLAND     | 1248.80           | 46.6                                      | WC2312009    | 250 JOHNSON RD         | KALAMA      | 98625         | COWLITZ     |
| WOODLAND     | 1249.20           | 34.7                                      | WC2309007    | 248 SHIPVIEW RD        | KALAMA      | 98625         | COWLITZ     |
| WOODLAND     | 1251.25           | 6.6                                       | WC1003019    | 2299 CHINA GARDEN RD   | KALAMA      | 98625         | COWLITZ     |
| WOODLAND     | 1251.32           | 17.4                                      | WC1006005    | 2298 CHINA GARDEN RD   | KALAMA      | 98625         | COWLITZ     |
| WOODLAND     | 1253.53           | 47.7                                      | WD3314003    | 1144 KALAMA RIVER RD   | KALAMA      | 98625         | COWLITZ     |
| WOODLAND     | 1254.95           | 16.4                                      | WD2907006    | 1686 MOUNT PLEASANT RD | KELSO       | 98626         | COWLITZ     |
| WOODLAND     | 1255.46           | 19.1                                      | WD2016004    | 326 OLSEN RD           | KELSO       | 98626         | COWLITZ     |
| WOODLAND     | 1255.50           | 42.8                                      | WD2016004    | 326 OLSEN RD           | KELSO       | 98626         | COWLITZ     |
| WOODLAND     | 1255.74           | 5.1                                       | WD2004004    | 1010 KOOL RD           | KELSO       | 98626         | COWLITZ     |
| WOODLAND     | 1257.16           | 19.0                                      | WD1710008    | 235 FISHPOND RD        | KELSO       | 98626         | COWLITZ     |
| WOODLAND     | 1258.04           | 11.8                                      | WD0811010    | 295 OWL CREEK RD       | KELSO       | 98626         | COWLITZ     |
| WOODLAND     | 1258.28           | 44.9                                      | WD0808002    | 141 RANCH RD           | KELSO       | 98626         | COWLITZ     |
| WOODLAND     | 1258.99           | 37.6                                      | WD0604005    | 273 WALKER RD          | KELSO       | 98626         | COWLITZ     |
| WOODLAND     | 1258.99           | 45.3                                      | WD0604005    | 273 WALKER RD          | KELSO       | 98626         | COWLITZ     |
| WOODLAND     | 1260.90           | 6.0                                       | WE3013005    | 3146 ALLEN ST          | KELSO       | 98626         | COWLITZ     |
| WOODLAND     | 1260.96           | 39.2                                      | WE3003006    | 3125 ALLEN ST          | KELSO       | 98626         | COWLITZ     |
| WOODLAND     | 1260.97           | 45.7                                      | WE3003006    | 3125 ALLEN ST          | KELSO       | 98626         | COWLITZ     |
| WOODLAND     | 1261.00           | 25.8                                      | WE3003007    | 3115 ALLEN ST          | KELSO       | 98626         | COWLITZ     |
| WOODLAND     | 1262.60           | 14.9                                      | WI2406008    | 2502 MT BRYNION RD     | KELSO       | 98626         | COWLITZ     |
| WOODLAND     | 1263.16           | 33.9                                      | 61826        | 935 HOLCOMB RD         | KELSO       | 98626         | COWLITZ     |
| WOODLAND     | 1263.16           | 38.5                                      | 61824        | 925 HOLCOMB RD         | KELSO       | 98626         | COWLITZ     |
| WOODLAND     | 1263.24           | 20.1                                      | 61882        | 924 HOLCOMB RD         | KELSO       | 98626         | COWLITZ     |
| WOODLAND     | 1266.72           | 44.2                                      | WJ3609008    | 320 WALNUT ACRES RD    | KELSO       | 98626         | COWLITZ     |
| WOODLAND     | 1268.59           | 36.5                                      | WJ2420013    | 110 YADEN LN           | CASTLE ROCK | 98611         | COWLITZ     |
| WOODLAND     | 1268.62           | 36.5                                      | WJ2420014    | 112 YADEN LN           | CASTLE ROCK | 98611         | COWLITZ     |
| WOODLAND     | 1269.39           | 37.9                                      | 30869        | 356 BOND DR            | CASTLE ROCK | 98611         | COWLITZ     |
| WOODLAND     | 1269.41           | 5.5                                       | 30869        | 356 BOND DR            | CASTLE ROCK | 98611         | COWLITZ     |
| WOODLAND     | 1282.32           | 21.5                                      | 012228001003 | 0 SHORELINE DR         | TOLEDO      | 98591         | LEWIS       |
| WOODLAND     | 1287.12           | 14.7                                      | 015337006000 | 477 HART RD            | WINLOCK     | 98596         | LEWIS       |
| WOODLAND     | 1287.33           | 45.3                                      | 015337016002 | 369 22 HART RD         | WINLOCK     | 98596         | LEWIS       |
| CHEHALIS     | 1291.33           | 22.6                                      | 018475000000 | 973 KOONTZ RD          | CHEHALIS    | 98532         | LEWIS       |
| CHEHALIS     | 1291.56           | 11.0                                      | 018474001003 | 173 JEAN RD            | CHEHALIS    | 98532         | LEWIS       |
| CHEHALIS     | 1291.58           | 11.9                                      | 018474001003 | 173 JEAN RD            | CHEHALIS    | 98532         | LEWIS       |
| CHEHALIS     | 1291.65           | 46.3                                      | 018474001002 | 174 JEAN RD            | CHEHALIS    | 98532         | LEWIS       |
| CHEHALIS     | 1292.70           | 7.0                                       | 018125004001 | 749 STATE ROUTE 508    | CHEHALIS    | 98532         | LEWIS       |
| CHEHALIS     | 1295.54           | 18.0                                      | 017831002007 | 330 YATES RD           | CHEHALIS    | 98532         | LEWIS       |
| CHEHALIS     | 1295.59           | 45.4                                      | 017831003002 | 362 YATES ROAD         | CHEHALIS    | 98532         | LEWIS       |
| CHEHALIS     | 1296.29           | 43.0                                      | 016887007000 | 153 RYAN DR            | CHEHALIS    | 98532         | LEWIS       |
| CHEHALIS     | 1299.92           | 35.9                                      | 021729008000 | 409 REINKE RD          | CENTRALIA   | 98531         | LEWIS       |
| CHEHALIS     | 1315.62           | 32.4                                      | 21622320600  | 12522 160TH LN SE      | RAINIER     | 98576         | THURSTON    |
| SUMNER SOUTH | 1339.56           | 41.8                                      | 0419304044   | 17223 64TH AVE E       | PUYALLUP    | 98375         | PIERCE      |
| SUMNER SOUTH | 1340.18           | 6.0                                       | 0419296002   | 16714 71ST AVE E       | PUYALLUP    | 98375         | PIERCE      |
| SUMNER SOUTH | 1340.19           | 22.2                                      | 0419296008   | 16616 71ST AVE E       | PUYALLUP    | 98375         | PIERCE      |

APPENDIX I6

Table I6-1

Residences within 50 Feet of WEP Construction Right-of-Way

| Loop Name    | Milepost (approx) | Distance to Workspace (feet) <sup>a</sup> | APN        | Site Address               | Site City | Site ZIP Code | Site County |
|--------------|-------------------|---|------------|----------------------------|-----------|---------------|-------------|
| SUMNER SOUTH | 1340.21           | 9.2                                       | 0419296006 | 16617 71ST AVE E           | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1340.22           | 9.6                                       | 0419296007 | 16603 71ST AVE E           | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1340.24           | 12.3                                      | 0419296005 | 16609 71ST AVE E           | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1340.31           | 7.3                                       | 0419296050 | 16514 TO 16516 72ND AVCT E | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1340.32           | 6.1                                       | 0419296051 | 16509 TO 16511 72ND STCT E | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1340.33           | 9.0                                       | 0419296049 | 16515 TO 16517 72ND AVCT E | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1340.36           | 21.1                                      | 0419296061 | 16421 TO 16423 72ND AVCT E | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1340.38           | 10.8                                      | 0419296060 | 16413 TO 16415 72ND AVCT E | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1340.40           | 31.9                                      | 0419296022 | 16414 TO 16416 74TH AV E   | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1340.43           | 36.2                                      | 0419296021 | 16404 TO 16406 74TH AV E   | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1340.45           | 10.9                                      | 9003600420 | 7321 164TH ST E            | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1340.46           | 5.1                                       | 6022720300 | 7320 TO 7322 163RD ST E    | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1340.48           | 5.1                                       | 6022720290 | 7326 TO 7328 163RD ST E    | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1340.51           | 46.2                                      | 0419292023 | 16405 74TH AV E            | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1340.53           | 5.0                                       | 0419292035 | 16215 74TH AVE E           | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1340.60           | 14.6                                      | 0419292036 | 16115 74TH AVE E           | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1340.62           | 20.7                                      | 0419292036 | 16115 74TH AVE E           | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1340.67           | 5.0                                       | 0419292022 | 16015 74TH AVE E           | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1340.74           | 30.8                                      | 0419203047 | 15616 76TH AVE E           | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1340.75           | 14.0                                      | 0419203047 | 15616 76TH AVE E           | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1340.75           | 31.7                                      | 0419203047 | 15616 76TH AVE E           | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1340.76           | 7.6                                       | 0419203047 | 15616 76TH AVE E           | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1340.76           | 36.1                                      | 0419203047 | 15616 76TH AVE E           | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1340.77           | 33.2                                      | 0419203047 | 15616 76TH AVE E           | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1340.78           | 5.0                                       | 0419203047 | 15616 76TH AVE E           | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1340.78           | 40.0                                      | 0419203047 | 15616 76TH AVE E           | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1340.79           | 37.7                                      | 0419203047 | 15616 76TH AVE E           | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1340.79           | 47.3                                      | 0419203047 | 15616 76TH AVE E           | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1340.80           | 6.0                                       | 0419203047 | 15616 76TH AVE E           | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1340.81           | 36.8                                      | 0419203047 | 15616 76TH AVE E           | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1340.81           | 41.4                                      | 0419203047 | 15616 76TH AVE E           | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1340.82           | 6.0                                       | 0419203047 | 15616 76TH AVE E           | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1340.83           | 39.0                                      | 0419203047 | 15616 76TH AVE E           | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1340.85           | 12.8                                      | 0419203047 | 15616 76TH AVE E           | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1340.85           | 42.5                                      | 0419203047 | 15616 76TH AVE E           | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1340.86           | 5.0                                       | 0419203047 | 15616 76TH AVE E           | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1340.88           | 14.1                                      | 0419203047 | 15616 76TH AVE E           | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1340.88           | 42.6                                      | 0419203047 | 15616 76TH AVE E           | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1340.90           | 6.0                                       | 0419203047 | 15616 76TH AVE E           | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1340.92           | 12.2                                      | 0419203047 | 15616 76TH AVE E           | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1340.94           | 6.0                                       | 0419203047 | 15616 76TH AVE E           | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1340.95           | 6.4                                       | 0419203047 | 15616 76TH AVE E           | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1340.98           | 16.9                                      | 0419203029 | 15408 75TH AVCT E          | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1341.00           | 34.9                                      | 0419203029 | 15408 75TH AVCT E          | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1341.01           | 18.2                                      | 0419203029 | 15408 75TH AVCT E          | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1341.02           | 23.5                                      | 0419203029 | 15408 75TH AVCT E          | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1341.04           | 22.3                                      | 0419203029 | 15408 75TH AVCT E          | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1341.10           | 33.0                                      | 0419203041 | 15400 74TH AVE E           | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1341.11           | 36.4                                      | 0419203041 | 15400 74TH AVE E           | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1341.11           | 40.7                                      | 6021440080 | 7606 154TH ST E            | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1341.13           | 5.0                                       | 6021440090 | 15320 76TH AVCT E          | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1341.13           | 38.5                                      | 0419203041 | 15400 74TH AVE E           | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1341.14           | 5.1                                       | 6021440100 | 15314 76TH AVCT E          | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1341.14           | 24.4                                      | 0419203041 | 15400 74TH AVE E           | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1341.15           | 9.5                                       | 6021440110 | 15308 76TH AVCT E          | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1341.16           | 36.3                                      | 0419207050 | 7522 TO 7524 152ND ST E    | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1341.17           | 8.0                                       | 6021440120 | 15302 76TH AVCT E          | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1341.19           | 6.0                                       | 6021440290 | 7603 153RD ST E            | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1341.21           | 29.5                                      | 0419207049 | 7516 TO 7518 152ND ST E    | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1341.22           | 36.1                                      | 0419207029 | 7606 152ND ST E            | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1341.25           | 40.2                                      | 0419206033 | 7619 152ND ST E            | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1341.27           | 34.8                                      | 0419206012 | 15026 TO 15028 76TH AV E   | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1341.27           | 38.4                                      | 0419206032 | 15025 76TH AVE E           | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1341.30           | 34.9                                      | 0419206011 | 15018 EL PASO LN E NA      | PUYALLUP  | 98375         | PIERCE      |

APPENDIX I6

Table I6-1

Residences within 50 Feet of WEP Construction Right-of-Way

| Loop Name    | Milepost (approx) | Distance to Workspace (feet) <sup>a</sup> | APN        | Site Address           | Site City | Site ZIP Code | Site County |
|--------------|-------------------|---|------------|------------------------|-----------|---------------|-------------|
| SUMNER SOUTH | 1341.42           | 10.9                                      | 6023691040 | 7801 149TH STCT E      | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1341.47           | 5.0                                       | 6023690490 | 7810 148TH STCT E      | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1341.48           | 6.0                                       | 6023690500 | 7804 148TH STCT E      | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1341.48           | 45.8                                      | 6023690480 | 7818 148TH STREET CT E | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1341.49           | 45.9                                      | 6023690510 | 7803 148TH STCT E      | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1341.50           | 44.3                                      | 6023690520 | 7809 148TH STCT E      | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1341.51           | 6.3                                       | 6023690530 | 7811 148TH STCT E      | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1341.53           | 19.3                                      | 6025110250 | 7818 147TH ST E        | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1341.53           | 20.5                                      | 6023690540 | 7825 148TH STCT E      | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1341.55           | 38.6                                      | 6025110230 | 7824 147TH ST E        | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1341.56           | 5.0                                       | 6025110230 | 7824 147TH ST E        | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1341.57           | 36.6                                      | 6025110270 | 7910 147TH ST E        | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1341.58           | 5.0                                       | 6025110090 | 7927 147TH ST E        | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1341.59           | 30.5                                      | 6025110110 | 7829 147TH ST E        | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1341.60           | 7.0                                       | 6025110100 | 7901 147TH ST E        | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1341.61           | 7.0                                       | 6025110090 | 7927 147TH ST E        | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1341.61           | 13.1                                      | 6024420240 | 14624 80TH AVE E       | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1341.62           | 24.6                                      | 6024420210 | 7924 146TH STCT E      | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1341.63           | 15.7                                      | 6024420220 | 7928 146TH STCT E      | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1341.64           | 42.0                                      | 6024420220 | 7928 146TH STCT E      | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1341.65           | 5.7                                       | 6024320220 | 14626 81ST AVE E       | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1341.65           | 42.8                                      | 6024620020 | 14619 80TH AVE E       | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1341.66           | 9.4                                       | 6024320210 | 14622 81ST AVE E       | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1341.68           | 7.0                                       | 6024620010 | 14611 80TH AVE E       | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1341.68           | 11.0                                      | 6024320210 | 14622 81ST AVE E       | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1341.69           | 5.2                                       | 6024320190 | 14616 81ST AVE E       | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1341.69           | 20.1                                      | 6024510020 | 14525 80TH AVE E       | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1341.70           | 41.2                                      | 6024320180 | 14612 81ST AVE E       | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1341.71           | 5.1                                       | 6024510030 | 14513 80TH AVE E       | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1341.71           | 20.8                                      | 6024320160 | 14604 81ST AVE E       | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1341.71           | 46.3                                      | 6024320170 | 14608 81ST AVE E       | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1341.72           | 22.4                                      | 6024320160 | 14604 81ST AVE E       | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1341.74           | 23.3                                      | 6023740210 | 14518 81ST AVE E       | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1341.74           | 32.0                                      | 6023740220 | 14518 81ST AVE E       | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1341.75           | 5.2                                       | 6023740200 | 14514 81ST AVE E       | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1341.76           | 5.0                                       | 6023740180 | 8020 145TH ST E        | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1341.76           | 20.3                                      | 6023740190 | 14504 81ST AVCT E      | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1341.79           | 12.0                                      | 6023740060 | 14423 SANDY GLEN LN E  | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1341.79           | 5.0                                       | 6023740280 | 14423 SANDY GLEN LN E  | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1341.80           | 9.0                                       | 6023740050 | 14423 SANDY GLEN LN E  | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1341.81           | 14.5                                      | 6023740040 | 14413 SANDY GLEN LN E  | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1341.82           | 9.4                                       | 6023740030 | 14409 SANDY GLEN LN E  | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1341.83           | 8.0                                       | 6023740020 | 14401 SANDY GLEN LN E  | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1341.83           | 11.0                                      | 6023740010 | 14409 SANDY GLEN LN E  | PUYALLUP  | 98375         | PIERCE      |
| SUMNER SOUTH | 1342.50           | 5.0                                       | 6023710270 | 9008 138TH ST E        | PUYALLUP  | 98373         | PIERCE      |
| SUMNER SOUTH | 1342.51           | 11.6                                      | 6023710280 | 9012 138TH ST E        | PUYALLUP  | 98373         | PIERCE      |
| SUMNER SOUTH | 1342.52           | 11.1                                      | 6023710290 | 9012 138TH ST E        | PUYALLUP  | 98373         | PIERCE      |
| SUMNER SOUTH | 1342.52           | 13.5                                      | 6023710260 | 9001 138TH ST E        | PUYALLUP  | 98373         | PIERCE      |
| SUMNER SOUTH | 1342.53           | 40.6                                      | 6023710300 | 9020 138TH ST E        | PUYALLUP  | 98373         | PIERCE      |
| SUMNER SOUTH | 1342.54           | 46.4                                      | 6023710240 | 9009 138TH ST E        | PUYALLUP  | 98373         | PIERCE      |
| SUMNER SOUTH | 1342.55           | 12.5                                      | 6023710230 | 9017 138TH ST E        | PUYALLUP  | 98373         | PIERCE      |
| SUMNER SOUTH | 1342.56           | 7.0                                       | 6023710390 | 9107 138TH ST E        | PUYALLUP  | 98373         | PIERCE      |
| SUMNER SOUTH | 1342.83           | 8.6                                       | 0419161084 | 13425 94TH AVE E       | PUYALLUP  | 98373         | PIERCE      |
| SUMNER SOUTH | 1342.86           | 21.3                                      | 2825000050 | 13418 95TH AVE E       | PUYALLUP  | 98373         | PIERCE      |
| SUMNER SOUTH | 1342.88           | 16.0                                      | 6025250310 | 13328 94TH AVCT E      | PUYALLUP  | 98373         | PIERCE      |
| SUMNER SOUTH | 1342.89           | 20.0                                      | 6025250300 | 13326 94TH AVCT E      | PUYALLUP  | 98373         | PIERCE      |
| SUMNER SOUTH | 1342.90           | 9.0                                       | 6025250450 | 13325 94TH AVCT E      | PUYALLUP  | 98373         | PIERCE      |
| SUMNER SOUTH | 1342.90           | 6.5                                       | 6025250440 | 13321 94TH AVCT E      | PUYALLUP  | 98373         | PIERCE      |
| SUMNER SOUTH | 1342.91           | 8.3                                       | 6025250430 | 13317 94TH AVCT E      | PUYALLUP  | 98373         | PIERCE      |
| SUMNER SOUTH | 1342.92           | 8.0                                       | 6025250420 | 13313 94TH AVCT E      | PUYALLUP  | 98373         | PIERCE      |
| SUMNER SOUTH | 1342.92           | 5.0                                       | 6025250410 | 13309 94TH AVCT E      | PUYALLUP  | 98373         | PIERCE      |
| SUMNER SOUTH | 1342.92           | 40.5                                      | 6025250270 | 13306 94TH AVCT E      | PUYALLUP  | 98373         | PIERCE      |
| SUMNER SOUTH | 1342.94           | 5.0                                       | 6025250251 | 13211 94TH AVE E       | PUYALLUP  | 98373         | PIERCE      |
| SUMNER SOUTH | 1342.95           | 11.6                                      | 6025250230 | 9409 133RD ST E        | PUYALLUP  | 98373         | PIERCE      |

APPENDIX I6

Table I6-1

Residences within 50 Feet of WEP Construction Right-of-Way

| Loop Name    | Milepost (approx) | Distance to Workspace (feet) <sup>a</sup> | APN        | Site Address                | Site City | Site ZIP Code | Site County |
|--------------|-------------------|---|------------|-----------------------------|-----------|---------------|-------------|
| SUMNER SOUTH | 1342.99           | 6.0                                       | 0419161070 | 13211 94TH AVE E            | PUYALLUP  | 98373         | PIERCE      |
| SUMNER SOUTH | 1343.11           | 42.4                                      | 6022690220 | 13022 95TH AVCT E           | PUYALLUP  | 98373         | PIERCE      |
| SUMNER SOUTH | 1343.13           | 6.5                                       | 6022690210 | 13014 95TH AVCT E           | PUYALLUP  | 98373         | PIERCE      |
| SUMNER SOUTH | 1343.13           | 18.3                                      | 6022690180 | 13010 95TH AVCT E           | PUYALLUP  | 98373         | PIERCE      |
| SUMNER SOUTH | 1343.18           | 5.8                                       | 6022690230 | 12919 95TH AVCT E           | PUYALLUP  | 98373         | PIERCE      |
| SUMNER SOUTH | 1343.19           | 36.0                                      | 6022690240 | 12915 95TH AVCT E           | PUYALLUP  | 98373         | PIERCE      |
| SUMNER SOUTH | 1343.32           | 43.3                                      | 6165000112 | 12734 97TH AVE E            | PUYALLUP  | 98373         | PIERCE      |
| SUMNER SOUTH | 1343.33           | 15.1                                      | 6165000120 | 9707 128TH ST E             | PUYALLUP  | 98373         | PIERCE      |
| SUMNER SOUTH | 1343.34           | 6.7                                       | 6165000120 | 9707 128TH ST E             | PUYALLUP  | 98373         | PIERCE      |
| SUMNER SOUTH | 1343.35           | 7.4                                       | 6165000090 | 12625 97TH AVE E            | PUYALLUP  | 98373         | PIERCE      |
| SUMNER SOUTH | 1343.40           | 23.4                                      | 6165000070 | 12614 98TH AVE E            | PUYALLUP  | 98373         | PIERCE      |
| SUMNER SOUTH | 1343.41           | 5.0                                       | 6165000012 | 9712 126TH ST E             | PUYALLUP  | 98373         | PIERCE      |
| SUMNER SOUTH | 1343.41           | 37.6                                      | 6165000070 | 12614 98TH AVE E            | PUYALLUP  | 98373         | PIERCE      |
| SUMNER SOUTH | 1343.42           | 6.0                                       | 6165000013 | 12604 98TH AVE E            | PUYALLUP  | 98373         | PIERCE      |
| SUMNER SOUTH | 1343.44           | 43.7                                      | 4320002453 | 9715 126TH ST E             | PUYALLUP  | 98373         | PIERCE      |
| SUMNER SOUTH | 1343.45           | 17.3                                      | 4320002454 | 12516 98TH AVE E            | PUYALLUP  | 98373         | PIERCE      |
| SUMNER SOUTH | 1343.46           | 39.4                                      | 4320002458 | 9801 126TH ST E             | PUYALLUP  | 98373         | PIERCE      |
| SUMNER SOUTH | 1343.52           | 43.9                                      | 7713000090 | 12416 99TH AVCT E           | PUYALLUP  | 98373         | PIERCE      |
| SUMNER SOUTH | 1343.55           | 11.6                                      | 7713000010 | 9802 124TH ST E             | PUYALLUP  | 98373         | PIERCE      |
| SUMNER SOUTH | 1343.56           | 5.1                                       | 7713000020 | 9820 124TH ST E             | PUYALLUP  | 98373         | PIERCE      |
| SUMNER SOUTH | 1343.60           | 7.0                                       | 4320002203 | 9901 124TH ST E             | PUYALLUP  | 98373         | PIERCE      |
| SUMNER SOUTH | 1343.63           | 16.0                                      | 4320002202 | 9827 124TH ST E             | PUYALLUP  | 98373         | PIERCE      |
| SUMNER SOUTH | 1343.66           | 10.0                                      | 9003800050 | 12220 99TH AVCT E           | PUYALLUP  | 98373         | PIERCE      |
| SUMNER SOUTH | 1343.68           | 22.2                                      | 4320001944 | 9904 122ND ST E             | PUYALLUP  | 98373         | PIERCE      |
| SUMNER SOUTH | 1343.70           | 5.0                                       | 4320001948 | 4743 Lakeridge DR E (owner) | PUYALLUP  | 98373         | PIERCE      |
| SUMNER SOUTH | 1343.70           | 6.4                                       | 9003800010 | 12214 99TH AVCT E           | PUYALLUP  | 98373         | PIERCE      |
| SUMNER SOUTH | 1343.74           | 43.7                                      | 4320001900 | 9915 122ND ST E             | PUYALLUP  | 98373         | PIERCE      |
| SUMNER SOUTH | 1343.78           | 7.8                                       | 4320001923 | 9915 122ND ST E             | PUYALLUP  | 98373         | PIERCE      |
| SUMNER SOUTH | 1343.84           | 7.0                                       | 4320001430 | 10102 120TH ST E            | PUYALLUP  | 98373         | PIERCE      |
| SUMNER SOUTH | 1344.17           | 30.7                                      | 0419102094 | 502 43RD AVE SE             | PUYALLUP  | 98374         | PIERCE      |
| SUMNER SOUTH | 1344.19           | 6.6                                       | 0419102094 | 502 43RD AVE SE             | PUYALLUP  | 98374         | PIERCE      |
| SUMNER SOUTH | 1344.20           | 7.0                                       | 0419102094 | 502 43RD AVE SE             | PUYALLUP  | 98374         | PIERCE      |
| SUMNER SOUTH | 1344.23           | 6.3                                       | 0419102094 | 502 43RD AVE SE             | PUYALLUP  | 98374         | PIERCE      |
| SUMNER SOUTH | 1344.24           | 8.4                                       | 0419102094 | 502 43RD AVE SE             | PUYALLUP  | 98374         | PIERCE      |
| SUMNER SOUTH | 1344.26           | 7.2                                       | 0419102094 | 502 43RD AVE SE             | PUYALLUP  | 98374         | PIERCE      |
| SUMNER SOUTH | 1344.27           | 11.0                                      | 0419102094 | 502 43RD AVE SE             | PUYALLUP  | 98374         | PIERCE      |
| SUMNER SOUTH | 1344.28           | 6.5                                       | 0419102094 | 502 43RD AVE SE             | PUYALLUP  | 98374         | PIERCE      |
| SUMNER SOUTH | 1344.30           | 5.5                                       | 0419102094 | 502 43RD AVE SE             | PUYALLUP  | 98374         | PIERCE      |
| SUMNER SOUTH | 1344.30           | 7.5                                       | 0419102094 | 502 43RD AVE SE             | PUYALLUP  | 98374         | PIERCE      |
| SUMNER SOUTH | 1344.32           | 22.7                                      | 0419102094 | 502 43RD AVE SE             | PUYALLUP  | 98374         | PIERCE      |
| SUMNER SOUTH | 1344.34           | 5.7                                       | 0419102094 | 502 43RD AVE SE             | PUYALLUP  | 98374         | PIERCE      |
| SUMNER SOUTH | 1344.42           | 5.0                                       | 0419102072 | 701 43RD AVE SE             | PUYALLUP  | 98374         | PIERCE      |
| SUMNER SOUTH | 1344.44           | 5.1                                       | 0419102072 | 701 43RD AVE SE             | PUYALLUP  | 98374         | PIERCE      |
| SUMNER SOUTH | 1344.60           | 5.0                                       | 0419102072 | 701 43RD AVE SE             | PUYALLUP  | 98374         | PIERCE      |
| SUMNER SOUTH | 1344.67           | 8.4                                       | 0419102104 | 810 39TH AVE SE             | PUYALLUP  | 98374         | PIERCE      |
| SUMNER SOUTH | 1345.33           | 21.0                                      | 6020070070 | 3202 17TH STPL SE           | PUYALLUP  | 98374         | PIERCE      |
| SUMNER SOUTH | 1345.33           | 37.9                                      | 6020070060 | 3132 17TH STPL SE           | PUYALLUP  | 98374         | PIERCE      |
| SUMNER SOUTH | 1345.36           | 9.3                                       | 6020070030 | 3114 17TH SE STPL           | PUYALLUP  | 98374         | PIERCE      |
| SUMNER SOUTH | 1345.37           | 11.7                                      | 6020070040 | 3120 17TH STREET PL SE      | PUYALLUP  | 98374         | PIERCE      |
| SUMNER SOUTH | 1345.37           | 28.7                                      | 6020070020 | 3108 17TH STPL SE           | PUYALLUP  | 98374         | PIERCE      |
| SUMNER SOUTH | 1345.39           | 9.8                                       | 6020070010 | 3102 17TH STREET PL SE      | PUYALLUP  | 98374         | PIERCE      |
| SUMNER SOUTH | 1345.41           | 48.2                                      | 6020090230 | 1612 29TH AVE SE            | PUYALLUP  | 98374         | PIERCE      |
| SUMNER SOUTH | 1345.43           | 41.3                                      | 6020090220 | 2931 16TH ST SE             | PUYALLUP  | 98374         | PIERCE      |
| SUMNER SOUTH | 1345.46           | 7.0                                       | 6021050170 | 3016 18TH ST SE             | PUYALLUP  | 98374         | PIERCE      |
| SUMNER SOUTH | 1345.47           | 41.5                                      | 6021050160 | 3008 18TH ST SE             | PUYALLUP  | 98374         | PIERCE      |
| SUMNER SOUTH | 1345.48           | 37.1                                      | 6021050370 | 1801 31ST AVE SE            | PUYALLUP  | 98374         | PIERCE      |
| SUMNER SOUTH | 1345.50           | 7.0                                       | 6021050380 | 2911 18TH ST SE             | PUYALLUP  | 98374         | PIERCE      |
| SUMNER SOUTH | 1345.51           | 5.0                                       | 6021050390 | 2903 18TH ST SE             | PUYALLUP  | 98374         | PIERCE      |
| SUMNER SOUTH | 1345.53           | 23.5                                      | 6021250210 | 1803 THORNHILL CT           | PUYALLUP  | 98374         | PIERCE      |
| SUMNER SOUTH | 1345.56           | 15.0                                      | 6021250220 | 1811 THORNHILL CT           | PUYALLUP  | 98374         | PIERCE      |
| SUMNER SOUTH | 1345.57           | 7.0                                       | 6021250240 | 2734 THORNHILL RD           | PUYALLUP  | 98374         | PIERCE      |
| SUMNER SOUTH | 1345.58           | 44.6                                      | 6021250250 | 2726 THORNHILL RD           | PUYALLUP  | 98374         | PIERCE      |
| SUMNER SOUTH | 1345.60           | 7.0                                       | 6021250100 | 2729 THORNHILL RD           | PUYALLUP  | 98374         | PIERCE      |
| SUMNER SOUTH | 1345.61           | 6.0                                       | 6021250090 | 2721 THORNHILL RD           | PUYALLUP  | 98374         | PIERCE      |

APPENDIX I6

Table I6-1

Residences within 50 Feet of WEP Construction Right-of-Way

| Loop Name    | Milepost (approx) | Distance to Workspace (feet) <sup>a</sup> | APN        | Site Address            | Site City | Site ZIP Code | Site County |
|--------------|-------------------|---|------------|-------------------------|-----------|---------------|-------------|
| SUMNER SOUTH | 1345.65           | 7.9                                       | 6020860490 | 2718 LARKSPUR DR        | PUYALLUP  | 98374         | PIERCE      |
| SUMNER SOUTH | 1345.65           | 24.2                                      | 6020860480 | 2726 LARKSPUR DR        | PUYALLUP  | 98374         | PIERCE      |
| SUMNER SOUTH | 1345.67           | 45.9                                      | 6020860500 | 2710 LARKSPUR DR        | PUYALLUP  | 98374         | PIERCE      |
| SUMNER SOUTH | 1345.70           | 10.2                                      | 6020860080 | 2701 LARKSPUR DR        | PUYALLUP  | 98374         | PIERCE      |
| SUMNER SOUTH | 1345.71           | 13.1                                      | 6020860120 | 2618 20TH ST SE         | PUYALLUP  | 98374         | PIERCE      |
| SUMNER SOUTH | 1345.74           | 9.0                                       | 6020860130 | 2610 20TH ST SE         | PUYALLUP  | 98374         | PIERCE      |
| SUMNER SOUTH | 1345.75           | 32.9                                      | 6020860190 | 2609 20TH ST SE         | PUYALLUP  | 98374         | PIERCE      |
| SUMNER SOUTH | 1345.75           | 36.5                                      | 6020860140 | 2602 20TH ST SE         | PUYALLUP  | 98374         | PIERCE      |
| SUMNER SOUTH | 1345.76           | 7.0                                       | 6020860180 | 2601 20TH ST SE         | PUYALLUP  | 98374         | PIERCE      |
| SUMNER SOUTH | 1345.79           | 40.1                                      | 6020860170 | 2509 20TH ST SE         | PUYALLUP  | 98374         | PIERCE      |
| SUMNER SOUTH | 1345.80           | 43.7                                      | 2992050140 | 2111 26TH AVE SE        | PUYALLUP  | 98374         | PIERCE      |
| SUMNER SOUTH | 1345.81           | 13.1                                      | 6020610460 | 2501 20TH ST SE         | PUYALLUP  | 98374         | PIERCE      |
| SUMNER SOUTH | 1345.81           | 43.6                                      | 2992050150 | 2113 26TH AVE SE        | PUYALLUP  | 98374         | PIERCE      |
| SUMNER SOUTH | 1345.83           | 14.0                                      | 2992060170 | 2012 25TH AVE SE        | PUYALLUP  | 98374         | PIERCE      |
| SUMNER SOUTH | 1345.83           | 36.7                                      | 2992050160 | 2115 26TH AVE SE        | PUYALLUP  | 98374         | PIERCE      |
| SUMNER SOUTH | 1345.84           | 43.9                                      | 2992050170 | 2117 26TH AVE SE        | PUYALLUP  | 98374         | PIERCE      |
| SUMNER SOUTH | 1345.85           | 11.0                                      | 2992060180 | 2014 25TH AVE SE        | PUYALLUP  | 98374         | PIERCE      |
| SUMNER SOUTH | 1345.86           | 16.0                                      | 2992060190 | 2102 25TH AVE SE        | PUYALLUP  | 98374         | PIERCE      |
| SUMNER SOUTH | 1345.87           | 44.1                                      | 2992050190 | 2205 26TH AVE SE        | PUYALLUP  | 98374         | PIERCE      |
| SUMNER SOUTH | 1345.88           | 28.4                                      | 2992060200 | 2104 25TH AVE SE        | PUYALLUP  | 98374         | PIERCE      |
| SUMNER SOUTH | 1345.90           | 15.0                                      | 2992060210 | 2106 25TH AVE SE        | PUYALLUP  | 98374         | PIERCE      |
| SUMNER SOUTH | 1345.92           | 49.5                                      | 2992030010 | 2211 TO 2213 26TH AV SE | PUYALLUP  | 98374         | PIERCE      |
| SUMNER SOUTH | 1345.93           | 8.0                                       | 2992070240 | 2110 25TH AVE SE        | PUYALLUP  | 98374         | PIERCE      |
| SUMNER SOUTH | 1345.95           | 21.5                                      | 2992070230 | 2112 25TH AVE SE        | PUYALLUP  | 98374         | PIERCE      |
| SUMNER SOUTH | 1345.96           | 18.6                                      | 2992070220 | 2202 25TH AVE SE        | PUYALLUP  | 98374         | PIERCE      |
| SUMNER SOUTH | 1345.96           | 49.2                                      | 2992030030 | 2305 TO 2307 26TH AV SE | PUYALLUP  | 98374         | PIERCE      |
| SUMNER SOUTH | 1345.97           | 11.6                                      | 2992070210 | 2204 25TH AVE SE        | PUYALLUP  | 98374         | PIERCE      |
| SUMNER SOUTH | 1345.97           | 36.0                                      | 2992030040 | 2309 TO 2311 26TH AV SE | PUYALLUP  | 98374         | PIERCE      |
| SUMNER SOUTH | 1345.99           | 5.0                                       | 2992070200 | 2206 25TH AVE SE        | PUYALLUP  | 98374         | PIERCE      |
| SUMNER SOUTH | 1346.00           | 8.3                                       | 2992070190 | 2208 25TH AVE SE        | PUYALLUP  | 98374         | PIERCE      |
| SUMNER SOUTH | 1346.00           | 45.4                                      | 2992030050 | 2313 TO 2315 26TH AV SE | PUYALLUP  | 98374         | PIERCE      |
| SUMNER SOUTH | 1346.01           | 47.1                                      | 2992030060 | 2401 TO 2403 26TH AV SE | PUYALLUP  | 98374         | PIERCE      |
| SUMNER SOUTH | 1346.02           | 7.4                                       | 2992070180 | 2210 25TH AVE SE        | PUYALLUP  | 98374         | PIERCE      |
| SUMNER SOUTH | 1346.03           | 14.7                                      | 2992070170 | 2212 25TH AVE SE        | PUYALLUP  | 98374         | PIERCE      |
| SUMNER SOUTH | 1346.03           | 49.0                                      | 2992030070 | 2405 TO 2407 26TH AV SE | PUYALLUP  | 98374         | PIERCE      |
| SUMNER SOUTH | 1346.04           | 9.0                                       | 2992070160 | 2214 25TH AVE SE        | PUYALLUP  | 98374         | PIERCE      |
| SUMNER SOUTH | 1346.06           | 20.3                                      | 2992070160 | 2214 25TH AVE SE        | PUYALLUP  | 98374         | PIERCE      |
| SUMNER SOUTH | 1346.12           | 38.1                                      | 7116000920 | 2310 26TH ST SE         | PUYALLUP  | 98374         | PIERCE      |
| SUMNER SOUTH | 1346.14           | 7.0                                       | 7116000930 | 2304 26TH ST SE         | PUYALLUP  | 98374         | PIERCE      |
| SUMNER SOUTH | 1346.16           | 7.0                                       | 6934000530 | 2218 26TH PL SE         | PUYALLUP  | 98372         | PIERCE      |
| SUMNER SOUTH | 1346.18           | 17.3                                      | 6934000520 | 2226 27TH PL SE         | PUYALLUP  | 98372         | PIERCE      |
| SUMNER SOUTH | 1346.18           | 17.9                                      | 6934000540 | 2210 26TH PL SE         | PUYALLUP  | 98372         | PIERCE      |
| SUMNER SOUTH | 1346.21           | 5.0                                       | 6934000010 | 2202 27TH PL SE         | PUYALLUP  | 98372         | PIERCE      |
| SUMNER SOUTH | 1346.23           | 30.0                                      | 6934000020 | 2134 27TH PL SE         | PUYALLUP  | 98372         | PIERCE      |
| SUMNER SOUTH | 1346.24           | 35.1                                      | 6934000030 | 2126 27TH PL SE         | PUYALLUP  | 98372         | PIERCE      |
| SUMNER SOUTH | 1346.25           | 41.7                                      | 6934000040 | 2118 27TH PL SE         | PUYALLUP  | 98372         | PIERCE      |
| SUMNER SOUTH | 1346.27           | 41.5                                      | 6934000050 | 2110 27TH PL SE         | PUYALLUP  | 98372         | PIERCE      |
| SUMNER SOUTH | 1346.28           | 30.1                                      | 6934000060 | 2102 27TH PL SE         | PUYALLUP  | 98372         | PIERCE      |
| SUMNER SOUTH | 1346.30           | 42.0                                      | 6934000070 | 2026 27TH PL SE         | PUYALLUP  | 98372         | PIERCE      |
| SUMNER SOUTH | 1346.31           | 37.3                                      | 6934000080 | 2018 27TH PL SE         | PUYALLUP  | 98372         | PIERCE      |
| SUMNER SOUTH | 1346.33           | 35.4                                      | 6934000090 | 2010 27TH PL SE         | PUYALLUP  | 98372         | PIERCE      |
| SUMNER SOUTH | 1346.34           | 12.0                                      | 6934000100 | 2002 27TH PL SE         | PUYALLUP  | 98372         | PIERCE      |
| SUMNER SOUTH | 1346.34           | 42.4                                      | 6023720090 | 2002 26TH PL SE         | PUYALLUP  | 98372         | PIERCE      |
| SUMNER SOUTH | 1346.35           | 12.3                                      | 6934000110 | 1918 27TH PL SE         | PUYALLUP  | 98372         | PIERCE      |
| SUMNER SOUTH | 1346.36           | 21.2                                      | 6934000120 | 1910 27TH PL SE         | PUYALLUP  | 98372         | PIERCE      |
| SUMNER SOUTH | 1346.39           | 18.9                                      | 6934000150 | 1909 27TH PL SE         | PUYALLUP  | 98372         | PIERCE      |
| SUMNER SOUTH | 1346.40           | 15.5                                      | 6934000140 | 1901 27TH PL SE         | PUYALLUP  | 98372         | PIERCE      |
| SUMNER SOUTH | 1346.51           | 5.1                                       | 6020370170 | 2718 17TH AVE SE        | PUYALLUP  | 98372         | PIERCE      |
| SUMNER SOUTH | 1346.54           | 5.0                                       | 6020370290 | 2705 17TH AVE SE        | PUYALLUP  | 98372         | PIERCE      |
| SUMNER SOUTH | 1346.54           | 5.1                                       | 6020370300 | 2713 17TH AVE SE        | PUYALLUP  | 98372         | PIERCE      |
| SUMNER SOUTH | 1346.56           | 13.0                                      | 6020370280 | 1617 BROOKMONTE DR SE   | PUYALLUP  | 98372         | PIERCE      |
| SUMNER SOUTH | 1346.58           | 5.1                                       | 6020370270 | 1609 BROOKMONTE DR SE   | PUYALLUP  | 98372         | PIERCE      |
| SUMNER SOUTH | 1346.60           | 6.0                                       | 6020370260 | 2718 16TH AVE SE        | PUYALLUP  | 98372         | PIERCE      |
| SUMNER SOUTH | 1346.63           | 5.0                                       | 6020310120 | 2717 16TH AVE SE        | PUYALLUP  | 98372         | PIERCE      |

APPENDIX I6

Table I6-1

Residences within 50 Feet of WEP Construction Right-of-Way

| Loop Name    | Milepost (approx) | Distance to Workspace (feet) <sup>a</sup> | APN        | Site Address        | Site City   | Site ZIP Code | Site County |
|--------------|-------------------|---|------------|---------------------|-------------|---------------|-------------|
| SUMNER SOUTH | 1346.63           | 5.0                                       | 6020310130 | 2725 16TH AVE SE    | PUYALLUP    | 98372         | PIERCE      |
| SUMNER SOUTH | 1346.66           | 15.1                                      | 6020310160 | 1512 28TH ST SE     | PUYALLUP    | 98372         | PIERCE      |
| SUMNER SOUTH | 1346.66           | 17.1                                      | 6020310150 | 1520 28TH ST SE     | PUYALLUP    | 98372         | PIERCE      |
| SUMNER SOUTH | 1346.70           | 39.9                                      | 0420351064 | 1402 SHAW RD        | PUYALLUP    | 98372         | PIERCE      |
| SUMNER SOUTH | 1346.71           | 6.0                                       | 0420351062 | 1409 27TH ST SE     | PUYALLUP    | 98372         | PIERCE      |
| SUMNER SOUTH | 1346.74           | 44.1                                      | 0420351062 | 1409 27TH ST SE     | PUYALLUP    | 98372         | PIERCE      |
| SUMNER SOUTH | 1346.97           | 46.9                                      | 0420355018 | 1103 SHAW RD        | PUYALLUP    | 98372         | PIERCE      |
| SUMNER SOUTH | 1347.99           | 5.0                                       | 0420254082 | 14206 72ND ST E     | SUMNER      | 98390         | PIERCE      |
| SUMNER SOUTH | 1348.03           | 11.6                                      | 0420254082 | 14206 72ND ST E     | SUMNER      | 98390         | PIERCE      |
| SUMNER SOUTH | 1348.07           | 13.1                                      | 0420254097 | 14206 72ND ST E     | SUMNER      | 98390         | PIERCE      |
| SUMNER SOUTH | 1348.07           | 45.6                                      | 0420254121 | 143RD AVE CT E      | SUMNER      | 98390         | PIERCE      |
| SUMNER SOUTH | 1348.08           | 44.0                                      | 9002430030 | 7405 143RD AVE CT E | SUMNER      | 98390         | PIERCE      |
| SUMNER SOUTH | 1348.11           | 18.0                                      | 6023780680 | 14403 73RD ST CT E  | SUMNER      | 98390         | PIERCE      |
| SUMNER SOUTH | 1348.11           | 19.0                                      | 6023780670 | 14401 73RD ST CT E  | SUMNER      | 98390         | PIERCE      |
| SUMNER SOUTH | 1348.12           | 18.0                                      | 6023780690 | 14405 73RD ST CT E  | SUMNER      | 98390         | PIERCE      |
| SUMNER SOUTH | 1348.12           | 24.5                                      | 6023150010 | 14408 73RD ST CT E  | SUMNER      | 98390         | PIERCE      |
| SUMNER SOUTH | 1348.13           | 16.5                                      | 6023780690 | 14405 73RD ST CT E  | SUMNER      | 98390         | PIERCE      |
| SUMNER SOUTH | 1348.13           | 24.0                                      | 6023150020 | 14410 73RD ST CT E  | SUMNER      | 98390         | PIERCE      |
| SUMNER SOUTH | 1348.13           | 29.4                                      | 6023150030 | 14414 73RD ST CT E  | SUMNER      | 98390         | PIERCE      |
| SUMNER SOUTH | 1348.14           | 18.3                                      | 6023780710 | 4411 73RD ST CT E   | SUMNER      | 98390         | PIERCE      |
| SUMNER SOUTH | 1348.14           | 19.1                                      | 6023780720 | 14413 73RD ST CT E  | SUMNER      | 98390         | PIERCE      |
| SUMNER SOUTH | 1348.14           | 23.3                                      | 6023150040 | 14418 73RD ST CT E  | SUMNER      | 98390         | PIERCE      |
| SUMNER SOUTH | 1348.15           | 24.2                                      | 6023780730 | 14417 73RD ST CT E  | SUMNER      | 98390         | PIERCE      |
| SUMNER SOUTH | 1348.15           | 28.2                                      | 6023150050 | 14420 73RD ST CT E  | SUMNER      | 98390         | PIERCE      |
| SUMNER SOUTH | 1348.16           | 29.4                                      | 6023150060 | 14424 73RD ST CT E  | SUMNER      | 98390         | PIERCE      |
| SUMNER SOUTH | 1348.18           | 5.0                                       | 6023150360 | 7313 VILLAGE DR     | SUMNER      | 98390         | PIERCE      |
| SUMNER SOUTH | 1348.18           | 15.6                                      | 6023780370 | 7305 VILLAGE DR     | SUMNER      | 98390         | PIERCE      |
| SUMNER SOUTH | 1348.20           | 6.0                                       | 0420254072 | 14624 72ND ST E     | SUMNER      | 98390         | PIERCE      |
| SUMNER SOUTH | 1348.20           | 22.6                                      | 0420254072 | 14624 72ND ST E     | SUMNER      | 98390         | PIERCE      |
| SUMNER SOUTH | 1348.22           | 5.0                                       | 0420254072 | 14624 72ND ST E     | SUMNER      | 98390         | PIERCE      |
| SUMNER SOUTH | 1348.23           | 5.5                                       | 0420254072 | 14624 72ND ST E     | SUMNER      | 98390         | PIERCE      |
| SUMNER SOUTH | 1348.24           | 8.0                                       | 0420254072 | 14624 72ND ST E     | SUMNER      | 98390         | PIERCE      |
| SUMNER SOUTH | 1348.25           | 5.0                                       | 0420254072 | 14624 72ND ST E     | SUMNER      | 98390         | PIERCE      |
| SUMNER SOUTH | 1348.26           | 21.9                                      | 0420254072 | 14624 72ND ST E     | SUMNER      | 98390         | PIERCE      |
| SUMNER SOUTH | 1348.27           | 7.0                                       | 0420254072 | 14624 72ND ST E     | SUMNER      | 98390         | PIERCE      |
| SUMNER SOUTH | 1348.32           | 41.4                                      | 0420254089 | 14712 72ND ST E     | SUMNER      | 98390         | PIERCE      |
| SUMNER SOUTH | 1348.46           | 5.0                                       | 420254016  | 7210 ORTING HWY E   | SUMNER      | 98390         | PIERCE      |
| SUMNER SOUTH | 1348.48           | 7.0                                       | 0420254000 | 7210 ORTING HWY E   | SUMNER      | 98390         | PIERCE      |
| SUMNER SOUTH | 1348.51           | 5.0                                       | 5235000010 | 7208 RIVERSIDE RD E | SUMNER      | 98390         | PIERCE      |
| SUMNER SOUTH | 1348.52           | 19.4                                      | 5235000010 | 7208 RIVERSIDE RD E | SUMNER      | 98390         | PIERCE      |
| SUMNER SOUTH | 1348.55           | 6.1                                       | 7360000010 | 7215 RIVERSIDE RD E | SUMNER      | 98390         | PIERCE      |
| SUMNER SOUTH | 1348.58           | 33.5                                      | 7360000030 | 7118 151ST AVE E    | SUMNER      | 98390         | PIERCE      |
| SUMNER SOUTH | 1348.59           | 24.0                                      | 7360000040 | 7114 151ST AVE E    | SUMNER      | 98390         | PIERCE      |
| SUMNER SOUTH | 1348.61           | 38.8                                      | 7360000050 | 7110 151ST AVE E    | SUMNER      | 98390         | PIERCE      |
| SUMNER SOUTH | 1348.63           | 34.9                                      | 7360000060 | 7106 151ST AVE E    | SUMNER      | 98390         | PIERCE      |
| SUMNER SOUTH | 1348.66           | 18.2                                      | 7360000070 | 7102 151ST AVE E    | SUMNER      | 98390         | PIERCE      |
| SUMNER SOUTH | 1349.34           | 43.6                                      | 7001880160 | 16102 64TH ST E     | SUMNER      | 98390         | PIERCE      |
| SUMNER SOUTH | 1349.36           | 47.1                                      | 7001880160 | 16102 64TH ST E     | SUMNER      | 98390         | PIERCE      |
| SUMNER SOUTH | 1349.37           | 46.1                                      | 7001880160 | 16102 64TH ST E     | SUMNER      | 98390         | PIERCE      |
| SUMNER SOUTH | 1349.39           | 46.1                                      | 7001880160 | 16102 64TH ST E     | SUMNER      | 98390         | PIERCE      |
| SUMNER SOUTH | 1349.67           | 5.0                                       | 0520194052 | 16407 64TH ST E     | SUMNER      | 98390         | PIERCE      |
| SUMNER SOUTH | 1349.67           | 5.0                                       | 0520194059 | 16421 64TH ST E     | SUMNER      | 98390         | PIERCE      |
| SUMNER SOUTH | 1349.86           | 5.0                                       | 0520194074 | 16416 60TH ST E     | SUMNER      | 98390         | PIERCE      |
| SUMNER SOUTH | 1349.91           | 6.0                                       | 7002050010 | 5922 164TH AVE CT E | LAKE TAPPS  | 98391         | PIERCE      |
| SUMNER SOUTH | 1349.93           | 5.0                                       | 7002050030 | 5912 164TH AVE CT E | LAKE TAPPS  | 98391         | PIERCE      |
| SUMNER SOUTH | 1349.95           | 6.0                                       | 7002050060 | 5909 164TH AVE CT E | LAKE TAPPS  | 98391         | PIERCE      |
| SUMNER SOUTH | 1349.97           | 6.0                                       | 7002050050 | 5825 164TH AVE CT E | LAKE TAPPS  | 98391         | PIERCE      |
| SUMNER SOUTH | 1350.79           | 49.5                                      | 9194500150 | 16412 45TH ST CT E  | LAKE TAPPS  | 98391         | PIERCE      |
| SUMNER SOUTH | 1350.83           | 33.5                                      | 9194500130 | 16407 45TH ST CT E  | LAKE TAPPS  | 98391         | PIERCE      |
| SUMNER SOUTH | 1351.18           | 39.6                                      | 7001060032 | 3909 163RD AVE CT E | LAKE TAPPS  | 98391         | PIERCE      |
| SUMNER SOUTH | 1351.18           | 46.0                                      | 4778000110 | 16408 39TH ST CT E  | LAKE TAPPS  | 98391         | PIERCE      |
| SUMNER SOUTH | 1351.20           | 43.4                                      | 4778000100 | 16412 39TH ST CT E  | BONNEY LAKE | 98391         | PIERCE      |
| SUMNER SOUTH | 1351.24           | 5.0                                       | 7001060031 | 3911 163RD AVE CT E | BONNEY LAKE | 98391         | PIERCE      |
| SUMNER SOUTH | 1351.25           | 12.0                                      | 7001060010 | 3815 163RD AVE CT E | BONNEY LAKE | 98391         | PIERCE      |

APPENDIX I6

Table I6-1

Residences within 50 Feet of WEP Construction Right-of-Way

| Loop Name      | Milepost (approx) | Distance to Workspace (feet) <sup>a</sup> | APN        | Site Address                     | Site City   | Site ZIP Code | Site County |
|----------------|-------------------|---|------------|----------------------------------|-------------|---------------|-------------|
| SUMNER SOUTH   | 1351.30           | 20.9                                      | 7001200010 | 3717 163RD AVE CT E              | BONNEY LAKE | 98391         | PIERCE      |
| SUMNER SOUTH   | 1351.31           | 20.4                                      | 7000480050 | 3716 164TH AVE CT E              | BONNEY LAKE | 98391         | PIERCE      |
| SUMNER SOUTH   | 1351.32           | 9.7                                       | 7001200020 | 3711 163RD AVE CT E              | BONNEY LAKE | 98391         | PIERCE      |
| SUMNER SOUTH   | 1351.34           | 8.3                                       | 7000480050 | 3716 164TH AVE CT E              | BONNEY LAKE | 98391         | PIERCE      |
| SUMNER SOUTH   | 1351.34           | 10.8                                      | 7001200030 | 3707 163RD AVE CT E              | BONNEY LAKE | 98391         | PIERCE      |
| SUMNER SOUTH   | 1351.35           | 5.0                                       | 7001200040 | 3615 163RD AVE CT E              | BONNEY LAKE | 98391         | PIERCE      |
| SUMNER SOUTH   | 1351.36           | 25.0                                      | 7000480040 | 3704 164TH AVE CT E              | BONNEY LAKE | 98391         | PIERCE      |
| SUMNER SOUTH   | 1351.37           | 5.4                                       | 7001200050 | 3609 163RD AVE CT E              | BONNEY LAKE | 98391         | PIERCE      |
| SUMNER SOUTH   | 1351.38           | 18.0                                      | 7001200060 | 3601 163RD AVE CT E              | BONNEY LAKE | 98391         | PIERCE      |
| SUMNER SOUTH   | 1351.45           | 5.0                                       | 0520185012 | 3513 163RD AVE CT E              | BONNEY LAKE | 98391         | PIERCE      |
| SUMNER SOUTH   | 1351.49           | 5.0                                       | 0520185010 | 3415 163RD AVE CT E              | BONNEY LAKE | 98391         | PIERCE      |
| SUMNER SOUTH   | 1351.54           | 34.8                                      | 0520185008 | 16317 34TH ST E                  | SUMNER      | 98391         | PIERCE      |
| SUMNER SOUTH   | 1351.56           | 16.2                                      | 0520185008 | 16317 34TH ST E                  | SUMNER      | 98391         | PIERCE      |
| SUMNER SOUTH   | 1351.57           | 7.0                                       | 0520181001 | 3202 CONRAD JOHNSON RD           | BONNEY LAKE | 98391         | PIERCE      |
| SUMNER SOUTH   | 1351.59           | 5.8                                       | 0520181001 | 3202 CONRAD JOHNSON RD           | BONNEY LAKE | 98391         | PIERCE      |
| SUMNER SOUTH   | 1351.61           | 7.0                                       | 0520185006 | 3221 163rd AVE CT E              | BONNEY LAKE | 98391         | PIERCE      |
| SUMNER NORTH A | 1356.91           | 47.6                                      | 2221059028 | 14120 SE GREEN VALLEY RD         | AUBURN      | 98092         | KING        |
| SUMNER NORTH A | 1357.98           | 21.9                                      | 2321059110 | 15325 SE LAKE MONEYSMITH RD      | AUBURN      | 98092         | KING        |
| SUMNER NORTH A | 1358.20           | 47.6                                      | 1421059067 | 15530 SE LAKE HOLM RD            | AUBURN      | 98092         | KING        |
| SUMNER NORTH A | 1359.01           | 9.1                                       | 7968450210 | 16227 SE 322ND ST                | AUBURN      | 98092         | KING        |
| SUMNER NORTH A | 1359.07           | 14.9                                      | 7968450250 | 16236 SE 322ND ST                | AUBURN      | 98092         | KING        |
| SUMNER NORTH A | 1359.08           | 15.5                                      | 7968450260 | 16226 SE 322ND ST                | AUBURN      | 98092         | KING        |
| SUMNER NORTH A | 1359.53           | 32.6                                      | 1221059099 | 16911 SE AUBURN BLACK DIAMOND RD | AUBURN      | 98092         | KING        |
| SUMNER NORTH A | 1359.69           | 43.0                                      | 7524600060 | 16911 SE 315TH ST                | AUBURN      | 98092         | KING        |
| SUMNER NORTH A | 1359.72           | 33.6                                      | 7524600050 | 17009 SE 315TH ST                | AUBURN      | 98092         | KING        |
| SUMNER NORTH A | 1359.76           | 21.9                                      | 7524600040 | 17015 SE 315TH ST                | AUBURN      | 98092         | KING        |
| SUMNER NORTH A | 1359.97           | 9.6                                       | 1221059044 | 31226 172ND AVE SE               | AUBURN      | 98092         | KING        |
| SUMNER NORTH A | 1360.06           | 5.0                                       | 1221059104 | 31055 KENT BLACK DIAMOND RD SE   | AUBURN      | 98092         | KING        |
| SUMNER NORTH A | 1360.06           | 5.3                                       | 1221059104 | 31055 KENT BLACK DIAMOND RD SE   | AUBURN      | 98092         | KING        |
| SUMNER NORTH A | 1360.06           | 5.7                                       | 1221059186 | 31035 KENT BLACK DIAMOND RD SE   | AUBURN      | 98092         | KING        |
| SUMNER NORTH A | 1360.51           | 5.0                                       | 1221059200 | 17631 SE 304TH ST                | KENT        | 98042         | KING        |
| SUMNER NORTH A | 1360.64           | 5.0                                       | 2587920270 | 17654 SE 303RD ST                | KENT        | 98042         | KING        |
| SUMNER NORTH A | 1360.69           | 6.7                                       | 0121059009 | 17667 SE 303RD ST                | KENT        | 98042         | KING        |
| SUMNER NORTH A | 1361.39           | 39.6                                      | 0621069275 | 29247 188TH AVE SE               | KENT        | 98042         | KING        |
| SUMNER NORTH A | 1361.54           | 13.4                                      | 0621069078 | 18517 SE COVINGTON SAWYER RD     | KENT        | 98042         | KING        |
| SUMNER NORTH A | 1361.54           | 21.5                                      | 0621069151 | 18503 SE COVINGTON SAWYER RD     | KENT        | 98042         | KING        |
| SUMNER NORTH A | 1361.58           | 37.8                                      | 0621069147 | 18507 SE COVINGTON SAWYER RD     | KENT        | 98042         | KING        |
| SUMNER NORTH A | 1361.61           | 33.9                                      | 0621069270 | 28931 186TH AVE SE               | KENT        | 98042         | KING        |
| SUMNER NORTH A | 1361.62           | 6.1                                       | 0621069143 | 18610 SE COVINGTON SAWYER RD     | KENT        | 98042         | KING        |
| SUMNER NORTH A | 1361.68           | 35.3                                      | 0621069279 | 28912 186TH PL SE                | KENT        | 98042         | KING        |
| SUMNER NORTH A | 1361.76           | 45.5                                      | 9485930370 | 18605 SE 287TH ST                | KENT        | 98042         | KING        |
| SUMNER NORTH A | 1361.78           | 30.5                                      | 9485930380 | 18707 SE 287TH ST                | KENT        | 98042         | KING        |
| SUMNER NORTH A | 1362.20           | 44.4                                      | 9485951460 | 18837 SE 281ST ST                | KENT        | 98042         | KING        |
| SUMNER NORTH A | 1362.21           | 13.0                                      | 9485951450 | 18817 SE 281ST ST                | KENT        | 98042         | KING        |
| SUMNER NORTH A | 1362.33           | 48.3                                      | 9485950300 | 28007 189TH AVE SE               | KENT        | 98042         | KING        |
| SUMNER NORTH A | 1362.41           | 35.4                                      | 9485950620 | 19210 SE 278TH ST                | KENT        | 98042         | KING        |
| SUMNER NORTH A | 1362.49           | 23.0                                      | 9485950580 | 19129 SE 277TH ST                | KENT        | 98042         | KING        |
| SUMNER NORTH A | 1362.49           | 39.2                                      | 9485950570 | 19107 SE 277TH ST                | KENT        | 98042         | KING        |
| SUMNER NORTH A | 1362.78           | 22.0                                      | 3122069042 | 19229 SE 272ND ST                | KENT        | 98042         | KING        |
| SUMNER NORTH A | 1362.83           | 41.5                                      | 4178500950 | 19323 SE 270TH PL                | COVINGTON   | 98042         | KING        |
| SUMNER NORTH A | 1362.84           | 5.0                                       | 417800940  | 19331 SE 270TH PL                | COVINGTON   | 98042         | KING        |
| SUMNER NORTH A | 1362.86           | 43.9                                      | 4178500960 | 19317 SE 270TH PL                | COVINGTON   | 98042         | KING        |
| SUMNER NORTH A | 1362.89           | 28.2                                      | 4178500890 | 19318 SE 270TH PL                | COVINGTON   | 98042         | KING        |
| SUMNER NORTH A | 1362.90           | 6.9                                       | 4178500900 | 19330 SE 270TH PL                | COVINGTON   | 98042         | KING        |
| SUMNER NORTH A | 1362.91           | 28.8                                      | 8651400160 | 19253 SE 269TH ST                | COVINGTON   | 98042         | KING        |
| SUMNER NORTH A | 1362.93           | 36.0                                      | 8651400170 | 19255 SE 269TH ST                | COVINGTON   | 98042         | KING        |
| SUMNER NORTH A | 1362.94           | 34.8                                      | 8651400180 | 19257 SE 269TH ST                | COVINGTON   | 98042         | KING        |
| SUMNER NORTH A | 1362.95           | 33.5                                      | 8651400190 | 26844 194TH AVE SE               | COVINGTON   | 98042         | KING        |
| SUMNER NORTH A | 1362.96           | 34.1                                      | 8651400200 | 26838 194TH AVE SE               | COVINGTON   | 98042         | KING        |
| SUMNER NORTH A | 1362.98           | 37.5                                      | 8651400210 | 26830 194TH AVE SE               | COVINGTON   | 98042         | KING        |
| SUMNER NORTH A | 1362.99           | 23.6                                      | 8651400220 | 26824 194TH AVE SE               | COVINGTON   | 98042         | KING        |
| SUMNER NORTH A | 1363.00           | 29.4                                      | 8651400230 | 26818 194TH AVE SE               | COVINGTON   | 98042         | KING        |
| SUMNER NORTH A | 1363.01           | 24.7                                      | 8651400240 | 26812 194TH AVE SE               | COVINGTON   | 98042         | KING        |
| SUMNER NORTH A | 1363.03           | 26.7                                      | 8651400250 | 26806 194TH AVE SE               | COVINGTON   | 98042         | KING        |

## APPENDIX I6

Table I6-1

## Residences within 50 Feet of WEP Construction Right-of-Way

| Loop Name      | Milepost (approx) | Distance to Workspace (feet) <sup>a</sup> | APN        | Site Address                | Site City | Site ZIP Code | Site County |
|----------------|-------------------|---|------------|-----------------------------|-----------|---------------|-------------|
| SUMNER NORTH A | 1363.04           | 21.5                                      | 8651400260 | 26800 194TH AVE SE          | COVINGTON | 98042         | KING        |
| SUMNER NORTH A | 1363.09           | 26.1                                      | 8651400950 | 19459 SE 267TH ST           | COVINGTON | 98042         | KING        |
| SUMNER NORTH A | 1363.10           | 23.2                                      | 8651400960 | 19463 SE 267TH ST           | COVINGTON | 98042         | KING        |
| SUMNER NORTH A | 1363.11           | 23.3                                      | 8651400970 | 19463 SE 267TH ST           | COVINGTON | 98042         | KING        |
| SUMNER NORTH A | 1363.21           | 9.3                                       | 8651400980 | 19480 SE 266TH ST           | COVINGTON | 98042         | KING        |
| SUMNER NORTH A | 1363.22           | 24.7                                      | 8651401000 | 19478 SE 266TH ST           | COVINGTON | 98042         | KING        |
| SUMNER NORTH A | 1363.23           | 18.9                                      | 8648200010 | 26601 197TH PL SE           | COVINGTON | 98042         | KING        |
| SUMNER NORTH A | 1363.23           | 19.1                                      | 8651400990 | 19478 SE 266TH ST           | COVINGTON | 98042         | KING        |
| SUMNER NORTH A | 1363.24           | 34.1                                      | 8562000030 | 26517 197TH PL SE           | COVINGTON | 98042         | KING        |
| SUMNER NORTH A | 1363.25           | 22.8                                      | 8562000020 | 26511 197TH PL SE           | COVINGTON | 98042         | KING        |
| SUMNER NORTH A | 1363.27           | 12.4                                      | 8562000010 | 26505 197TH PL SE           | COVINGTON | 98042         | KING        |
| SUMNER NORTH A | 1363.29           | 21.9                                      | 8562000300 | 19606 SE 265TH ST           | COVINGTON | 98042         | KING        |
| SUMNER NORTH A | 1363.29           | 24.4                                      | 8562000290 | 26439 197TH PL SE           | COVINGTON | 98042         | KING        |
| SUMNER NORTH A | 1363.30           | 32.8                                      | 8562000280 | 26433 197TH PL SE           | COVINGTON | 98042         | KING        |
| SUMNER NORTH A | 1363.32           | 5.0                                       | 2916620110 | 19623 SE 264TH CT           | COVINGTON | 98042         | KING        |
| SUMNER NORTH A | 1363.32           | 15.6                                      | 2916620120 | 26427 197TH PL SE           | COVINGTON | 98042         | KING        |
| SUMNER NORTH A | 1363.33           | 10.0                                      | 2916620130 | 26419 197TH PL SE           | COVINGTON | 98042         | KING        |
| SUMNER NORTH A | 1363.36           | 5.0                                       | 2916620040 | 19628 SE 264TH CT           | COVINGTON | 98042         | KING        |
| SUMNER NORTH A | 1363.36           | 12.0                                      | 2916620030 | 26409 197TH PL SE           | COVINGTON | 98042         | KING        |
| SUMNER NORTH A | 1363.37           | 16.0                                      | 2916620020 | 26401 197TH PL SE           | COVINGTON | 98042         | KING        |
| SUMNER NORTH A | 1363.38           | 13.0                                      | 2916620010 | 26335 197TH PL SE           | COVINGTON | 98042         | KING        |
| SUMNER NORTH A | 1363.38           | 38.9                                      | 2916600120 | 26249 196TH PL SE           | COVINGTON | 98042         | KING        |
| SUMNER NORTH A | 1363.39           | 9.0                                       | 2916600130 | 26251 196TH PL SE           | COVINGTON | 98042         | KING        |
| SUMNER NORTH A | 1363.39           | 15.0                                      | 2916610070 | 26327 197TH PL SE           | COVINGTON | 98042         | KING        |
| SUMNER NORTH A | 1363.40           | 23.0                                      | 2916600140 | 26250 196TH PL SE           | COVINGTON | 98042         | KING        |
| SUMNER NORTH A | 1363.41           | 12.0                                      | 2916610060 | 26319 197TH PL SE           | COVINGTON | 98042         | KING        |
| SUMNER NORTH A | 1363.43           | 15.0                                      | 2916610050 | 26311 197TH PL SE           | COVINGTON | 98042         | KING        |
| SUMNER NORTH A | 1363.43           | 40.7                                      | 2916610040 | 19709 SE 263RD PL           | COVINGTON | 98042         | KING        |
| SUMNER NORTH A | 1363.45           | 14.0                                      | 2916610500 | 19718 SE 263RD PL           | COVINGTON | 98042         | KING        |
| SUMNER NORTH A | 1363.46           | 44.9                                      | 2916610510 | 26220 197TH AVE SE          | COVINGTON | 98042         | KING        |
| SUMNER NORTH A | 1363.54           | 12.0                                      | 8651410720 | 26112 197TH AVE SE          | COVINGTON | 98042         | KING        |
| SUMNER NORTH A | 1363.55           | 18.0                                      | 8651410790 | 19713 SE 261ST ST           | COVINGTON | 98042         | KING        |
| SUMNER NORTH A | 1363.57           | 9.0                                       | 8651410800 | 19720 SE 261ST ST           | COVINGTON | 98042         | KING        |
| SUMNER NORTH A | 1363.59           | 22.0                                      | 8651431080 | 19657 SE 260TH ST           | COVINGTON | 98042         | KING        |
| SUMNER NORTH A | 1363.61           | 29.0                                      | 8651431090 | 19657 SE 260TH ST           | COVINGTON | 98042         | KING        |
| SUMNER NORTH A | 1363.62           | 34.1                                      | 8651431100 | 19659 SE 260TH ST           | COVINGTON | 98042         | KING        |
| SUMNER NORTH A | 1363.63           | 45.5                                      | 8651430540 | 19656 SE 260TH ST           | COVINGTON | 98042         | KING        |
| SUMNER NORTH A | 1363.65           | 45.8                                      | 8651430530 | 19654 SE 260TH ST           | COVINGTON | 98042         | KING        |
| SUMNER NORTH A | 1363.66           | 44.5                                      | 8651430510 | 19663 SE 259TH ST           | COVINGTON | 98042         | KING        |
| SUMNER NORTH A | 1363.68           | 44.5                                      | 8651430520 | 19665 SE 259TH ST           | COVINGTON | 98042         | KING        |
| SUMNER NORTH A | 1363.69           | 44.3                                      | 8651430010 | 19670 SE 259TH ST           | COVINGTON | 98042         | KING        |
| SUMNER NORTH A | 1363.70           | 42.3                                      | 8651430020 | 19668 SE 259TH ST           | COVINGTON | 98042         | KING        |
| SUMNER NORTH A | 1363.72           | 45.3                                      | 8651430030 | 19666 SE 259TH ST           | COVINGTON | 98042         | KING        |
| SUMNER NORTH A | 1363.74           | 31.8                                      | 7760400220 | 19977 SE 259TH CT           | COVINGTON | 98042         | KING        |
| SUMNER NORTH A | 1363.75           | 11.7                                      | 7760400230 | 19976 SE 259TH CT           | COVINGTON | 98042         | KING        |
| SUMNER NORTH A | 1363.76           | 5.1                                       | 8651431110 | 25708 198TH PL SE           | COVINGTON | 98042         | KING        |
| SUMNER NORTH A | 1363.76           | 37.9                                      | 7760400240 | 19980 SE 259TH CT           | COVINGTON | 98042         | KING        |
| SUMNER NORTH A | 1363.80           | 19.4                                      | 8651431180 | 25707 198TH PL SE           | COVINGTON | 98042         | KING        |
| SUMNER NORTH A | 1363.82           | 43.0                                      | 7760400320 | 25833 201ST AVE SE          | COVINGTON | 98042         | KING        |
| SUMNER NORTH A | 1363.84           | 40.6                                      | 7760400330 | 25827 201ST AVE SE          | COVINGTON | 98042         | KING        |
| SUMNER NORTH B | 1371.31           | 11.5                                      | 2223069038 | 23232 SE 148TH ST           | ISSAQUAH  | 98027         | KING        |
| SUMNER NORTH B | 1371.89           | 5.0                                       | 1523069129 | 13830 ISSAQUAH HOBART RD SE | ISSAQUAH  | 98027         | KING        |
| SUMNER NORTH B | 1372.00           | 6.0                                       | 1523069110 | 23515 SE 137TH ST           | ISSAQUAH  | 98027         | KING        |
| SUMNER NORTH B | 1372.02           | 18.0                                      | 1523069112 | 23505 SE 137TH ST           | ISSAQUAH  | 98027         | KING        |
| SUMNER NORTH B | 1372.09           | 18.0                                      | 1523069088 | 13508 ISSAQUAH HOBART RD SE | ISSAQUAH  | 98027         | KING        |
| SUMNER NORTH B | 1372.36           | 7.1                                       | 1523069223 | 23737 SE 132ND WAY          | ISSAQUAH  | 98027         | KING        |
| SUMNER NORTH B | 1372.78           | 5.0                                       | 1023069012 | 23710 SE 125TH PL           | ISSAQUAH  | 98027         | KING        |
| SUMNER NORTH B | 1372.86           | 25.1                                      | 1023069043 | 12328 ISSAQUAH HOBART RD SE | ISSAQUAH  | 98027         | KING        |
| SUMNER NORTH B | 1372.95           | 23.0                                      | 1023069025 | 12208 ISSAQUAH-HOBART RD SE | ISSAQUAH  | 98027         | KING        |
| SUMNER NORTH B | 1372.97           | 5.0                                       | 1023069020 | 12132 ISSAQUAH-HOBART RD SE | ISSAQUAH  | 98027         | KING        |
| SUMNER NORTH B | 1373.00           | 5.0                                       | 1023069034 | 12120 ISSAQUAH HOBART RD SE | ISSAQUAH  | 98027         | KING        |
| SUMNER NORTH B | 1373.12           | 5.0                                       | 1023069047 | 11922 ISSAQUAH HOBART RD SE | ISSAQUAH  | 98027         | KING        |
| SUMNER NORTH B | 1373.14           | 5.3                                       | 1023069032 | 11904 ISSAQUAH HOBART RD SE | ISSAQUAH  | 98027         | KING        |
| SUMNER NORTH B | 1373.63           | 13.0                                      | 0323069035 | 24047 SE 111TH ST           | ISSAQUAH  | 98027         | KING        |

## APPENDIX I6

Table I6-1

## Residences within 50 Feet of WEP Construction Right-of-Way

| Loop Name      | Milepost (approx) | Distance to Workspace (feet) <sup>a</sup> | APN        | Site Address         | Site City | Site ZIP Code | Site County |
|----------------|-------------------|---|------------|----------------------|-----------|---------------|-------------|
| SUMNER NORTH B | 1373.70           | 12.0                                      | 0323069126 | 24016 SE 111TH ST    | ISSAQUAH  | 98027         | KING        |
| SUMNER NORTH B | 1373.92           | 38.3                                      | 0323069119 | 24211 SE 106TH PL    | ISSAQUAH  | 98027         | KING        |
| SUMNER NORTH B | 1373.96           | 6.0                                       | 0323069119 | 24211 SE 106TH PL    | ISSAQUAH  | 98027         | KING        |
| SUMNER NORTH B | 1374.05           | 21.0                                      | 0323069120 | 24210 SE 106TH PL    | ISSAQUAH  | 98027         | KING        |
| SUMNER NORTH B | 1376.99           | 21.0                                      | 3629750010 | 2014 12TH CT NE      | ISSAQUAH  | 98029         | KING        |
| SUMNER NORTH B | 1377.00           | 17.0                                      | 3629750020 | 2022 12TH CT NE      | ISSAQUAH  | 98029         | KING        |
| SUMNER NORTH B | 1377.01           | 30.8                                      | 3629750030 | 2030 12TH CT NE      | ISSAQUAH  | 98029         | KING        |
| SUMNER NORTH B | 1377.71           | 13.1                                      | 1150900130 | BROOKSHIRE RIDGE HOA | ISSAQUAH  | 98029         | KING        |
| SUMNER NORTH B | 1377.72           | 5.0                                       | 1524069044 | 24278 SE 47TH PL     | ISSAQUAH  | 98029         | KING        |
| SUMNER NORTH B | 1377.73           | 37.6                                      | 1150900060 | 24266 SE 47TH PL     | ISSAQUAH  | 98029         | KING        |
| SUMNER NORTH B | 1377.74           | 35.8                                      | 1150900070 | 24260 SE 47TH PL     | ISSAQUAH  | 98029         | KING        |
| SUMNER NORTH B | 1377.75           | 35.9                                      | 1150900080 | 24258 SE 47TH PL     | ISSAQUAH  | 98029         | KING        |
| SUMNER NORTH B | 1377.77           | 5.0                                       | 1149600060 | 24311 SE 47TH ST     | ISSAQUAH  | 98029         | KING        |
| SUMNER NORTH B | 1377.77           | 7.0                                       | 1149600050 | 24229 SE 47TH ST     | ISSAQUAH  | 98029         | KING        |
| SUMNER NORTH B | 1377.78           | 5.0                                       | 1149600070 | 24305 SE 47TH ST     | ISSAQUAH  | 98029         | KING        |
| SUMNER NORTH B | 1377.79           | 8.2                                       | 1149600110 | 24228 SE 47TH ST     | ISSAQUAH  | 98029         | KING        |
| SUMNER NORTH B | 1377.81           | 11.0                                      | 1149600100 | 24306 SE 47TH ST     | ISSAQUAH  | 98029         | KING        |
| SUMNER NORTH B | 1377.81           | 33.6                                      | 1149600120 | 24224 SE 47TH ST     | ISSAQUAH  | 98029         | KING        |
| SUMNER NORTH B | 1377.83           | 5.0                                       | 1149900050 | 24315 SE 46TH WAY    | ISSAQUAH  | 98029         | KING        |
| SUMNER NORTH B | 1377.86           | 20.3                                      | 1149900190 | 4646 243RD CT SE     | ISSAQUAH  | 98029         | KING        |
| SUMNER NORTH B | 1377.87           | 5.0                                       | 1149900100 | 24324 SE 46TH WAY    | ISSAQUAH  | 98029         | KING        |
| SUMNER NORTH B | 1377.87           | 24.9                                      | 1149900180 | 4646 243RD CT SE     | ISSAQUAH  | 98029         | KING        |
| SUMNER NORTH B | 1377.89           | 5.8                                       | 1149900170 | 4640 243RD CT SE     | ISSAQUAH  | 98029         | KING        |
| SUMNER NORTH B | 1377.90           | 5.0                                       | 1149900110 | 4616 243RD CT SE     | ISSAQUAH  | 98029         | KING        |
| SUMNER NORTH B | 1377.92           | 21.6                                      | 1149900250 | 4623 243RD CT SE     | ISSAQUAH  | 98029         | KING        |
| SUMNER NORTH B | 1377.94           | 5.4                                       | 1149900260 | 4619 243RD CT SE     | ISSAQUAH  | 98029         | KING        |
| SUMNER NORTH B | 1377.94           | 9.3                                       | 1149900160 | 4615 243RD CT SE     | ISSAQUAH  | 98029         | KING        |
| SUMNER NORTH B | 1377.96           | 30.0                                      | 3904921263 | 24405 SE 46TH CT     | ISSAQUAH  | 98029         | KING        |
| SUMNER NORTH B | 1377.97           | 14.0                                      | 3904921255 | 24400 SE 46TH CT     | ISSAQUAH  | 98029         | KING        |
| SUMNER NORTH B | 1377.99           | 15.1                                      | 3904921255 | 24400 SE 46TH CT     | ISSAQUAH  | 98029         | KING        |
| SUMNER NORTH B | 1378.02           | 44.2                                      | 3904902430 | 4536 242ND AVE SE    | ISSAQUAH  | 98029         | KING        |
| SUMNER NORTH B | 1378.03           | 45.0                                      | 3904902420 | 4528 242ND AVE SE    | ISSAQUAH  | 98029         | KING        |
| SUMNER NORTH B | 1378.10           | 23.5                                      | 3904902410 | 24243 SE 45TH ST     | ISSAQUAH  | 98029         | KING        |
| SUMNER NORTH B | 1378.14           | 47.0                                      | 8079100460 | 24417 SE 44TH CT     | ISSAQUAH  | 98029         | KING        |
| SUMNER NORTH B | 1378.15           | 45.3                                      | 8079100470 | 24413 SE 44TH CT     | ISSAQUAH  | 98029         | KING        |
| SUMNER NORTH B | 1378.17           | 48.2                                      | 8079100480 | 24409 SE 44TH CT     | ISSAQUAH  | 98029         | KING        |
| SUMNER NORTH B | 1378.18           | 41.6                                      | 8079100490 | 24405 SE 44TH CT     | ISSAQUAH  | 98029         | KING        |
| SUMNER NORTH B | 1378.19           | 44.5                                      | 3904902090 | 24263 SE 44TH PL     | ISSAQUAH  | 98029         | KING        |
| SUMNER NORTH B | 1378.20           | 43.2                                      | 3904902100 | 24269 SE 44TH PL     | ISSAQUAH  | 98029         | KING        |
| SUMNER NORTH B | 1378.22           | 38.3                                      | 3904910580 | 4370 243RD AVE SE    | ISSAQUAH  | 98029         | KING        |
| SUMNER NORTH B | 1378.23           | 39.9                                      | 3904910590 | 4364 243RD AVE SE    | ISSAQUAH  | 98029         | KING        |
| SUMNER NORTH B | 1378.24           | 37.4                                      | 3904910600 | 4358 243RD AVE SE    | ISSAQUAH  | 98029         | KING        |
| SUMNER NORTH B | 1378.26           | 38.3                                      | 3904910610 | 4352 243RD AVE SE    | ISSAQUAH  | 98029         | KING        |
| SUMNER NORTH B | 1378.34           | 36.7                                      | 3904910680 | 24327 SE 43RD PL     | ISSAQUAH  | 98029         | KING        |
| SUMNER NORTH B | 1378.35           | 43.1                                      | 3904910690 | 24337 SE 43RD PL     | ISSAQUAH  | 98029         | KING        |
| SUMNER NORTH B | 1378.38           | 10.0                                      | 3904910700 | 24356 SE 43RD PL     | ISSAQUAH  | 98029         | KING        |
| SUMNER NORTH B | 1378.61           | 37.8                                      | 3817500000 | 4147 244TH LN SE     | ISSAQUAH  | 98029         | KING        |
| SUMNER NORTH B | 1378.62           | 23.3                                      | 3817500000 | 4147 244TH LN SE     | ISSAQUAH  | 98029         | KING        |
| SUMNER NORTH B | 1378.63           | 23.1                                      | 3817500000 | 4147 244TH LN SE     | ISSAQUAH  | 98029         | KING        |
| SUMNER NORTH B | 1378.65           | 5.0                                       | 3904930040 | 24325 SE 40TH PL     | ISSAQUAH  | 98029         | KING        |
| SUMNER NORTH B | 1378.65           | 11.3                                      | 3904930050 | 24307 SE 40TH PL     | ISSAQUAH  | 98029         | KING        |
| SUMNER NORTH B | 1378.68           | 9.0                                       | 3904931010 | 24336 SE 40TH PL     | ISSAQUAH  | 98029         | KING        |
| SUMNER NORTH B | 1378.68           | 14.2                                      | 3904930860 | 24308 SE 40TH PL     | ISSAQUAH  | 98029         | KING        |
| SUMNER NORTH B | 1378.68           | 27.8                                      | 3904930850 | 4016 243RD PL SE     | ISSAQUAH  | 98029         | KING        |
| SUMNER NORTH B | 1378.69           | 24.2                                      | 3904930840 | 4012 243RD PL SE     | ISSAQUAH  | 98029         | KING        |
| SUMNER NORTH B | 1378.70           | 16.6                                      | 3904930830 | 4008 243RD PL SE     | ISSAQUAH  | 98029         | KING        |
| SUMNER NORTH B | 1378.71           | 19.0                                      | 3904930820 | 4004 243RD PL SE     | ISSAQUAH  | 98029         | KING        |
| SUMNER NORTH B | 1378.72           | 39.4                                      | 3904940780 | 3901 245TH AVE SE    | ISSAQUAH  | 98029         | KING        |
| SUMNER NORTH B | 1378.73           | 41.2                                      | 3904940770 | 3817 245TH AVE SE    | ISSAQUAH  | 98029         | KING        |
| SUMNER NORTH B | 1378.75           | 36.1                                      | 3904940760 | 3809 245TH AVE SE    | ISSAQUAH  | 98029         | KING        |
| SUMNER NORTH B | 1378.76           | 32.7                                      | 3904930630 | 3820 243RD PL SE     | ISSAQUAH  | 98029         | KING        |
| SUMNER NORTH B | 1378.76           | 34.7                                      | 3904940750 | 3801 245TH AVE SE    | ISSAQUAH  | 98029         | KING        |
| SUMNER NORTH B | 1378.77           | 30.5                                      | 3904930620 | 3816 243RD PL SE     | ISSAQUAH  | 98029         | KING        |
| SUMNER NORTH B | 1378.77           | 33.0                                      | 3904940740 | 3723 245TH AVE SE    | ISSAQUAH  | 98029         | KING        |

APPENDIX I6

Table I6-1

Residences within 50 Feet of WEP Construction Right-of-Way

| Loop Name      | Milepost (approx) | Distance to Workspace (feet) <sup>a</sup> | APN        | Site Address      | Site City | Site ZIP Code | Site County |
|----------------|-------------------|---|------------|-------------------|-----------|---------------|-------------|
| SUMNER NORTH B | 1378.78           | 31.5                                      | 3904930610 | 3812 243RD PL SE  | ISSAQUAH  | 98029         | KING        |
| SUMNER NORTH B | 1378.79           | 12.9                                      | 3904940730 | 3715 245TH AVE SE | ISSAQUAH  | 98029         | KING        |
| SUMNER NORTH B | 1378.79           | 32.0                                      | 3904930600 | 3810 243RD PL SE  | ISSAQUAH  | 98029         | KING        |
| SUMNER NORTH B | 1378.80           | 17.0                                      | 3904940720 | 3707 245TH AVE SE | ISSAQUAH  | 98029         | KING        |
| SUMNER NORTH B | 1378.80           | 32.8                                      | 3904930590 | 3804 243RD PL SE  | ISSAQUAH  | 98029         | KING        |
| SUMNER NORTH B | 1378.81           | 46.8                                      | 3904930580 | 3800 243RD PL SE  | ISSAQUAH  | 98029         | KING        |
| SUMNER NORTH B | 1378.83           | 10.0                                      | 3904940710 | 24309 SE 37TH PL  | ISSAQUAH  | 98029         | KING        |
| SUMNER NORTH B | 1378.85           | 7.8                                       | 3904940350 | 24506 SE 37TH ST  | ISSAQUAH  | 98029         | KING        |
| SUMNER NORTH B | 1378.86           | 31.2                                      | 3904940340 | 24512 SE 37TH ST  | ISSAQUAH  | 98029         | KING        |
| SUMNER NORTH B | 1378.87           | 41.1                                      | 3904940370 | 3620 243RD AVE SE | ISSAQUAH  | 98029         | KING        |
| SUMNER NORTH B | 1378.88           | 43.6                                      | 3904940380 | 3614 243RD AVE SE | ISSAQUAH  | 98029         | KING        |
| SUMNER NORTH B | 1378.89           | 45.4                                      | 3904940390 | 3608 243RD AVE SE | ISSAQUAH  | 98029         | KING        |
| SUMNER NORTH B | 1378.91           | 38.7                                      | 3904950050 | 3633 246TH AVE SE | ISSAQUAH  | 98029         | KING        |
| SUMNER NORTH B | 1378.91           | 43.4                                      | 3904940400 | 3602 243RD AVE SE | ISSAQUAH  | 98029         | KING        |
| SUMNER NORTH B | 1378.92           | 21.7                                      | 3904950060 | 3629 246TH AVE SE | ISSAQUAH  | 98029         | KING        |
| SUMNER NORTH B | 1378.92           | 46.1                                      | 3904940410 | 3524 243RD AVE SE | ISSAQUAH  | 98029         | KING        |
| SUMNER NORTH B | 1378.93           | 35.5                                      | 3904960530 | 3518 243RD AVE SE | ISSAQUAH  | 98029         | KING        |
| SUMNER NORTH B | 1378.94           | 37.7                                      | 3904950070 | 3630 246TH AVE SE | ISSAQUAH  | 98029         | KING        |
| SUMNER NORTH B | 1378.94           | 41.5                                      | 3904960520 | 3512 243RD AVE SE | ISSAQUAH  | 98029         | KING        |
| SUMNER NORTH B | 1378.95           | 46.7                                      | 3904960510 | 3506 243RD AVE SE | ISSAQUAH  | 98029         | KING        |
| SUMNER NORTH B | 1378.97           | 10.0                                      | 3904960290 | 24405 SE 34TH PL  | ISSAQUAH  | 98029         | KING        |
| SUMNER NORTH B | 1378.99           | 22.7                                      | 3904960300 | 24325 SE 34TH PL  | ISSAQUAH  | 98029         | KING        |
| SUMNER NORTH B | 1379.00           | 8.2                                       | 3904960860 | 24402 SE 34TH PL  | ISSAQUAH  | 98029         | KING        |
| SUMNER NORTH B | 1379.01           | 7.0                                       | 3904960850 | 24322 SE 34TH PL  | ISSAQUAH  | 98029         | KING        |
| SUMNER NORTH B | 1379.23           | 5.0                                       | 1124069043 | 24416 SE 32ND ST  | SAMMAMISH | 98075         | KING        |
| SUMNER NORTH B | 1379.32           | 5.6                                       | 1124069054 | 24409 SE 30TH ST  | SAMMAMISH | 98075         | KING        |
| SUMNER NORTH B | 1379.36           | 6.0                                       | 1124069062 | 24408 SE 30TH ST  | SAMMAMISH | 98075         | KING        |
| SUMNER NORTH B | 1379.39           | 5.0                                       | 1124069059 | 2906 244TH AVE SE | SAMMAMISH | 98075         | KING        |
| SUMNER NORTH B | 1379.42           | 5.1                                       | 1124069063 | 2824 244TH AVE SE | SAMMAMISH | 98075         | KING        |
| SUMNER NORTH B | 1379.44           | 12.9                                      | 1124069042 | 2808 244TH AVE SE | SAMMAMISH | 98075         | KING        |
| SUMNER NORTH B | 1379.76           | 14.0                                      | 6843310020 | 2303 245TH AVE SE | SAMMAMISH | 98075         | KING        |
| SUMNER NORTH B | 1379.93           | 15.0                                      | 6843310090 | 24409 SE 20TH PL  | SAMMAMISH | 98075         | KING        |
| SUMNER NORTH B | 1380.09           | 40.0                                      | 0324069074 | 24318 SE 18TH PL  | SAMMAMISH | 98075         | KING        |
| SUMNER NORTH B | 1380.11           | 18.0                                      | 9510920190 | 24325 SE 17TH PL  | SAMMAMISH | 98075         | KING        |
| SUMNER NORTH B | 1380.14           | 45.2                                      | 9510920010 | 24324 SE 17TH PL  | SAMMAMISH | 98075         | KING        |
| SUMNER NORTH B | 1380.25           | 28.9                                      | 7215730780 | 1439 242ND PL SE  | SAMMAMISH | 98075         | KING        |
| SUMNER NORTH B | 1380.26           | 21.0                                      | 7215730760 | 1431 242ND PL SE  | SAMMAMISH | 98075         | KING        |
| SUMNER NORTH B | 1380.26           | 28.8                                      | 7215730770 | 1435 242ND PL SE  | SAMMAMISH | 98075         | KING        |
| SUMNER NORTH B | 1380.27           | 24.0                                      | 7215730750 | 1427 242ND PL SE  | SAMMAMISH | 98075         | KING        |
| SUMNER NORTH B | 1380.27           | 31.4                                      | 7215730650 | 1434 241ST PL SE  | SAMMAMISH | 98075         | KING        |
| SUMNER NORTH B | 1380.28           | 34.7                                      | 7215730740 | 1423 242ND PL SE  | SAMMAMISH | 98075         | KING        |
| SUMNER NORTH B | 1380.28           | 47.4                                      | 7215730660 | 1428 241ST PL SE  | SAMMAMISH | 98075         | KING        |
| SUMNER NORTH B | 1380.29           | 28.5                                      | 7215730730 | 1419 242ND PL SE  | SAMMAMISH | 98075         | KING        |
| SUMNER NORTH B | 1380.30           | 26.7                                      | 7215730720 | 1415 242ND PL SE  | SAMMAMISH | 98075         | KING        |
| SUMNER NORTH B | 1380.30           | 37.2                                      | 7215730670 | 1420 241ST PL SE  | SAMMAMISH | 98075         | KING        |
| SUMNER NORTH B | 1380.31           | 22.0                                      | 7215730710 | 1411 242ND PL SE  | SAMMAMISH | 98075         | KING        |
| SUMNER NORTH B | 1380.31           | 44.2                                      | 7215730680 | 1414 241ST PL SE  | SAMMAMISH | 98075         | KING        |
| SUMNER NORTH B | 1380.32           | 11.0                                      | 7215730700 | 1405 242ND PL SE  | SAMMAMISH | 98075         | KING        |
| SUMNER NORTH B | 1380.32           | 45.7                                      | 7215730690 | 1406 241ST PL SE  | SAMMAMISH | 98075         | KING        |
| SUMNER NORTH B | 1380.35           | 45.9                                      | 7215730010 | 1314 241ST PL SE  | SAMMAMISH | 98075         | KING        |
| SUMNER NORTH B | 1380.36           | 34.6                                      | 7215730020 | 1308 241ST PL SE  | SAMMAMISH | 98075         | KING        |
| SUMNER NORTH B | 1380.39           | 46.9                                      | 7215730040 | 24042 SE 13TH PL  | SAMMAMISH | 98075         | KING        |
| SUMNER NORTH B | 1380.40           | 46.3                                      | 7215730180 | 24041 SE 12TH PL  | SAMMAMISH | 98075         | KING        |
| SUMNER NORTH B | 1380.41           | 33.3                                      | 7215730190 | 24043 SE 12TH PL  | SAMMAMISH | 98075         | KING        |
| SUMNER NORTH B | 1380.42           | 39.1                                      | 7215730200 | 24045 SE 12TH PL  | SAMMAMISH | 98075         | KING        |
| SUMNER NORTH B | 1380.43           | 35.1                                      | 7215730210 | 1120 241ST AVE SE | SAMMAMISH | 98075         | KING        |
| SUMNER NORTH B | 1380.43           | 36.2                                      | 7215730220 | 1114 241ST AVE SE | SAMMAMISH | 98075         | KING        |
| SUMNER NORTH B | 1380.44           | 41.8                                      | 7215730230 | 1108 241ST AVE SE | SAMMAMISH | 98075         | KING        |
| SUMNER NORTH B | 1380.45           | 34.2                                      | 7215730240 | 1102 241ST AVE SE | SAMMAMISH | 98075         | KING        |
| SUMNER NORTH B | 1380.51           | 34.7                                      | 7215720670 | 24043 SE 10TH CT  | SAMMAMISH | 98075         | KING        |
| SUMNER NORTH B | 1380.52           | 31.0                                      | 7215720680 | 24042 SE 10TH CT  | SAMMAMISH | 98075         | KING        |
| SUMNER NORTH B | 1380.56           | 39.0                                      | 7215720770 | 24039 SE 10TH ST  | SAMMAMISH | 98075         | KING        |
| SUMNER NORTH B | 1380.57           | 38.3                                      | 7215720780 | 24044 SE 10TH ST  | SAMMAMISH | 98075         | KING        |
| SUMNER NORTH B | 1380.59           | 35.4                                      | 7215720790 | 24038 SE 10TH ST  | SAMMAMISH | 98075         | KING        |

APPENDIX I6

Table I6-1

Residences within 50 Feet of WEP Construction Right-of-Way

| Loop Name      | Milepost (approx) | Distance to Workspace (feet) <sup>a</sup> | APN            | Site Address       | Site City | Site ZIP Code | Site County |
|----------------|-------------------|---|----------------|--------------------|-----------|---------------|-------------|
| SUMNER NORTH B | 1380.60           | 20.4                                      | 7215720890     | 24045 SE 9TH CT    | SAMMAMISH | 98075         | KING        |
| SUMNER NORTH B | 1380.63           | 14.5                                      | 7215720900     | 24040 SE 9TH CT    | SAMMAMISH | 98075         | KING        |
| SUMNER NORTH B | 1380.76           | 8.1                                       | 1313200000     | 24100 SE 4TH PL    | SAMMAMISH | 98074         | KING        |
| SUMNER NORTH B | 1380.77           | 8.7                                       | 1313200000     | 24100 SE 4TH PL    | SAMMAMISH | 98074         | KING        |
| SUMNER NORTH B | 1380.78           | 11.4                                      | 0937700000     | 710 240TH WAY SE   | SAMMAMISH | 98074         | KING        |
| SUMNER NORTH B | 1380.79           | 9.8                                       | 1313200000     | 24100 SE 4TH PL    | SAMMAMISH | 98074         | KING        |
| SUMNER NORTH B | 1380.80           | 9.1                                       | 0937700000     | 710 240TH WAY SE   | SAMMAMISH | 98074         | KING        |
| SUMNER NORTH B | 1380.81           | 9.5                                       | 1313200000     | 24100 SE 4TH PL    | SAMMAMISH | 98074         | KING        |
| SUMNER NORTH B | 1380.83           | 9.8                                       | 1313200000     | 24100 SE 4TH PL    | SAMMAMISH | 98074         | KING        |
| SUMNER NORTH B | 1380.84           | 9.4                                       | 0937700000     | 710 240TH WAY SE   | SAMMAMISH | 98074         | KING        |
| SUMNER NORTH B | 1380.85           | 9.6                                       | 1313200000     | 24100 SE 4TH PL    | SAMMAMISH | 98074         | KING        |
| SUMNER NORTH B | 1380.86           | 16.0                                      | 0937700000     | 710 240TH WAY SE   | SAMMAMISH | 98074         | KING        |
| SUMNER NORTH B | 1380.87           | 22.4                                      | 1313200000     | 24100 SE 4TH PL    | SAMMAMISH | 98074         | KING        |
| SUMNER NORTH B | 1380.88           | 10.1                                      | 0937700000     | 710 240TH WAY SE   | SAMMAMISH | 98074         | KING        |
| SUMNER NORTH B | 1380.91           | 9.6                                       | 0937700000     | 710 240TH WAY SE   | SAMMAMISH | 98074         | KING        |
| SUMNER NORTH B | 1380.97           | 13.5                                      | 2909300100     | 325 240TH PL SE    | SAMMAMISH | 98074         | KING        |
| SUMNER NORTH B | 1380.97           | 30.2                                      | 2909300110     | 336 239TH WAY SE   | SAMMAMISH | 98074         | KING        |
| SUMNER NORTH B | 1380.98           | 27.0                                      | 2909300090     | 331 240TH PL SE    | SAMMAMISH | 98074         | KING        |
| SUMNER NORTH B | 1380.99           | 18.4                                      | 2909300080     | 327 240TH PL SE    | SAMMAMISH | 98074         | KING        |
| SUMNER NORTH B | 1380.99           | 29.3                                      | 2909300120     | 332 239TH WAY SE   | SAMMAMISH | 98074         | KING        |
| SUMNER NORTH B | 1381.00           | 27.8                                      | 2909300130     | 328 239TH WAY SE   | SAMMAMISH | 98074         | KING        |
| SUMNER NORTH B | 1381.01           | 13.0                                      | 2909300070     | 323 240TH PL SE    | SAMMAMISH | 98074         | KING        |
| SUMNER NORTH B | 1381.01           | 31.9                                      | 2909300140     | 324 239TH WAY SE   | SAMMAMISH | 98074         | KING        |
| SUMNER NORTH B | 1381.02           | 27.9                                      | 2909300150     | 320 239TH WAY SE   | SAMMAMISH | 98074         | KING        |
| SUMNER NORTH B | 1381.03           | 20.5                                      | 2909300060     | 317 240TH PL SE    | SAMMAMISH | 98074         | KING        |
| SUMNER NORTH B | 1381.03           | 21.9                                      | 2909300160     | 316 239TH WAY SE   | SAMMAMISH | 98074         | KING        |
| SUMNER NORTH B | 1381.04           | 28.6                                      | 2909300170     | 312 239TH WAY SE   | SAMMAMISH | 98074         | KING        |
| SUMNER NORTH B | 1381.05           | 23.8                                      | 2909300180     | 308 239TH WAY SE   | SAMMAMISH | 98074         | KING        |
| SUMNER NORTH B | 1381.06           | 23.4                                      | 2909300190     | 304 239TH WAY SE   | SAMMAMISH | 98074         | KING        |
| SUMNER NORTH B | 1381.07           | 23.9                                      | 2909300200     | 230 239TH WAY SE   | SAMMAMISH | 98074         | KING        |
| SUMNER NORTH B | 1381.08           | 27.9                                      | 2909300210     | 226 239TH WAY SE   | SAMMAMISH | 98074         | KING        |
| SUMNER NORTH B | 1381.09           | 24.8                                      | 2909300220     | 222 239TH WAY SE   | SAMMAMISH | 98074         | KING        |
| SUMNER NORTH B | 1381.10           | 32.8                                      | 2909300230     | 218 239TH WAY SE   | SAMMAMISH | 98074         | KING        |
| SUMNER NORTH B | 1381.11           | 30.2                                      | 2909300240     | 214 239TH WAY SE   | SAMMAMISH | 98074         | KING        |
| SUMNER NORTH B | 1381.12           | 24.3                                      | 2909300250     | 210 239TH WAY SE   | SAMMAMISH | 98074         | KING        |
| SUMNER NORTH B | 1381.13           | 47.9                                      | 2909300260     | 239TH WAY SE       | SAMMAMISH | 98074         | KING        |
| SUMNER NORTH B | 1381.14           | 36.7                                      | 2909300270     | 204 239TH WAY SE   | SAMMAMISH | 98074         | KING        |
| SUMNER NORTH B | 1381.15           | 45.4                                      | 2909300280     | 202 239TH WAY SE   | SAMMAMISH | 98074         | KING        |
| SUMNER NORTH B | 1381.17           | 17.2                                      | 2909300910     | 801 228TH Ave SE   | SAMMAMISH | 98074         | KING        |
| SUMNER NORTH B | 1381.21           | 31.2                                      | 2909300880     | 118 239TH WAY SE   | SAMMAMISH | 98074         | KING        |
| SUMNER NORTH B | 1381.58           | 28.7                                      | 8677300380     | 507 239TH AVE NE   | SAMMAMISH | 98074         | KING        |
| SUMNER NORTH B | 1381.60           | 44.9                                      | 8677300390     | 513 239TH AVE NE   | SAMMAMISH | 98074         | KING        |
| SUMNER NORTH B | 1381.63           | 44.1                                      | 8677300090     | 23715 NE 6TH CT    | SAMMAMISH | 98074         | KING        |
| SUMNER NORTH B | 1381.66           | 46.1                                      | 8677300080     | 23716 NE 6TH CT    | SAMMAMISH | 98074         | KING        |
| SUMNER NORTH B | 1381.80           | 14.0                                      | 2725069020     | 809 238TH AVE NE   | SAMMAMISH | 98074         | KING        |
| SNOHOMISH      | 1394.09           | 19.0                                      | 27063200101600 | 22823 ECHO LAKE RD | SNOHOMISH | 98296         | SNOHOMISH   |
| SNOHOMISH      | 1394.21           | 48.6                                      | 27062900401800 | 22627 ECHO LAKE RD | SNOHOMISH | 98296         | SNOHOMISH   |
| SNOHOMISH      | 1394.36           | 34.8                                      | 00423200000900 | 12930 LOST LAKE RD | SNOHOMISH | 98296         | SNOHOMISH   |
| SNOHOMISH      | 1394.38           | 35.3                                      | 00423200001000 | 13012 LOST LAKE RD | SNOHOMISH | 98296         | SNOHOMISH   |
| SNOHOMISH      | 1394.60           | 47.6                                      | 27062800302900 | 13125 LOST LAKE RD | SNOHOMISH | 98296         | SNOHOMISH   |
| SNOHOMISH      | 1395.72           | 5.0                                       | 27062100202000 | 20220 133RD DR SE  | SNOHOMISH | 98296         | SNOHOMISH   |
| SNOHOMISH      | 1395.77           | 20.8                                      | 27062100201900 | 20116 133RD DR SE  | SNOHOMISH | 98296         | SNOHOMISH   |
| SNOHOMISH      | 1396.50           | 45.6                                      | 27061700401500 | 18829 131ST DR SE  | SNOHOMISH | 98296         | SNOHOMISH   |
| SNOHOMISH      | 1396.67           | 40.7                                      | 27061600202800 | 18731 131ST DR SE  | SNOHOMISH | 98296         | SNOHOMISH   |
| SNOHOMISH      | 1396.78           | 48.0                                      | 27061600201200 | 18523 WELCH RD     | SNOHOMISH | 98296         | SNOHOMISH   |
| SNOHOMISH      | 1397.00           | 8.0                                       | 27061600202000 | 13304 ELLIOTT RD   | SNOHOMISH | 98296         | SNOHOMISH   |
| SNOHOMISH      | 1397.07           | 5.6                                       | 00960011900601 | 13201 ELLIOTT RD   | SNOHOMISH | 98296         | SNOHOMISH   |
| SNOHOMISH      | 1399.92           | 34.3                                      | 28063300302700 | 14719 139TH AVE SE | SNOHOMISH | 98290         | SNOHOMISH   |
| SNOHOMISH      | 1400.01           | 42.9                                      | 28063300302600 | 14611 139TH AVE SE | SNOHOMISH | 98290         | SNOHOMISH   |
| SNOHOMISH      | 1400.03           | 5.0                                       | 28063300302600 | 14611 139TH AVE SE | SNOHOMISH | 98290         | SNOHOMISH   |
| SNOHOMISH      | 1400.08           | 46.4                                      | 28063300302500 | 14413 139TH AVE SE | SNOHOMISH | 98290         | SNOHOMISH   |
| SNOHOMISH      | 1400.11           | 6.0                                       | 28063300302500 | 14413 139TH AVE SE | SNOHOMISH | 98290         | SNOHOMISH   |
| SNOHOMISH      | 1400.18           | 17.0                                      | 28063300301800 | 3200 139TH AVE SE  | SNOHOMISH | 98290         | SNOHOMISH   |
| SNOHOMISH      | 1400.28           | 5.0                                       | 28063300301600 | 14115 139TH AVE SE | SNOHOMISH | 98290         | SNOHOMISH   |

APPENDIX I6

Table I6-1

**Residences within 50 Feet of WEP Construction Right-of-Way**

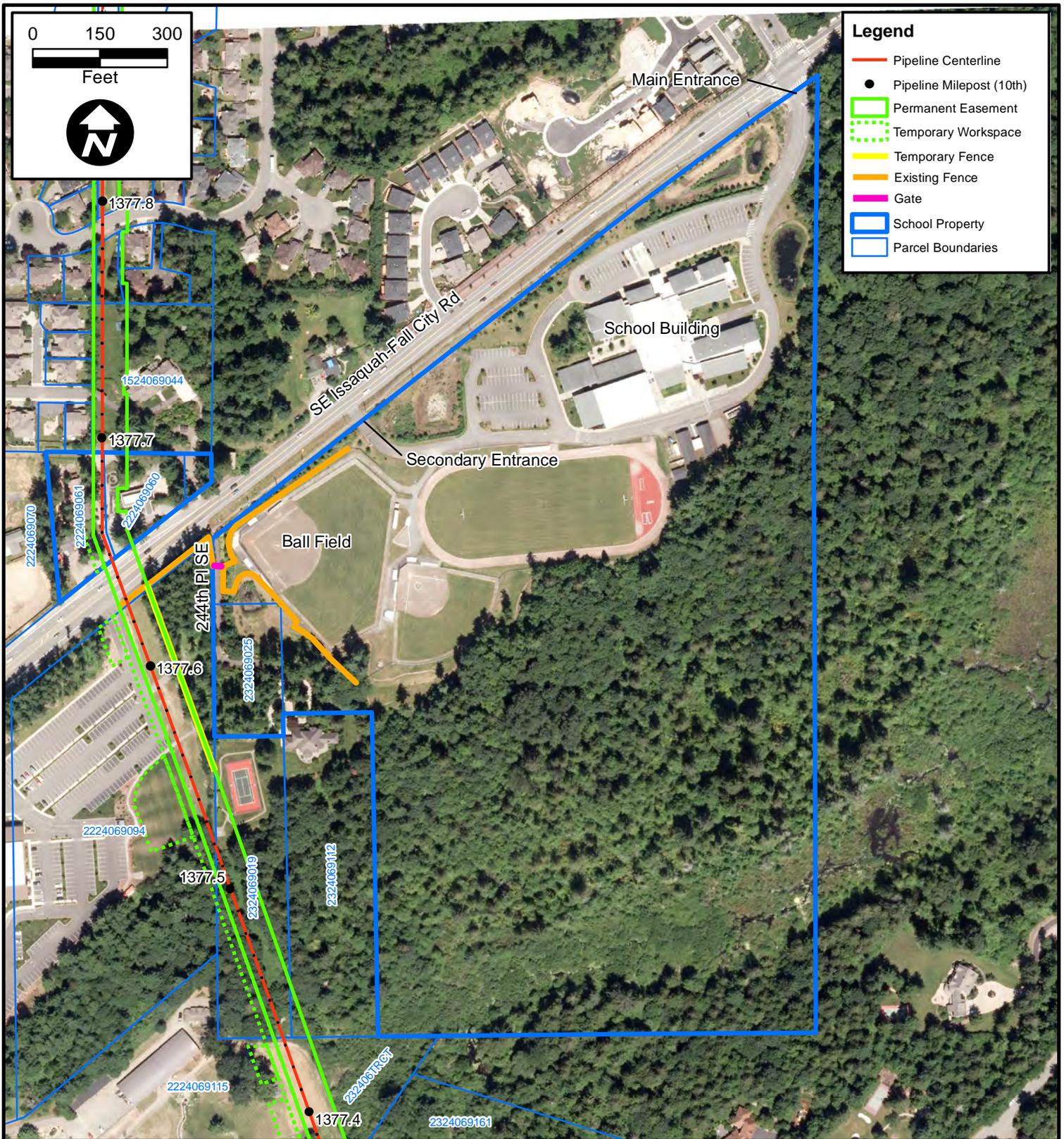
| Loop Name          | Milepost (approx) | Distance to Workspace (feet) <sup>a</sup> | APN            | Site Address                  | Site City     | Site ZIP Code | Site County |
|--------------------|-------------------|---|----------------|-------------------------------|---------------|---------------|-------------|
| SNOHOMISH          | 1400.53           | 24.4                                      | 28063300201800 | 13520 OLD SNOHOMISH MONROE RD | SNOHOMISH     | 98290         | SNOHOMISH   |
| SNOHOMISH          | 1400.78           | 17.0                                      | 28063300200100 | 13405 OLD SNOHOMISH MONROE RD | SNOHOMISH     | 98290         | SNOHOMISH   |
| SNOHOMISH          | 1403.26           | 32.6                                      | 28061600402500 | 13930 92ND ST SE              | SNOHOMISH     | 98290         | SNOHOMISH   |
| SNOHOMISH          | 1403.37           | 15.8                                      | 28061600400700 | 14014 92ND ST SE              | SNOHOMISH     | 98290         | SNOHOMISH   |
| SNOHOMISH          | 1403.39           | 9.8                                       | 28061600400900 | 13928 92ND ST SE              | SNOHOMISH     | 98290         | SNOHOMISH   |
| SNOHOMISH          | 1403.55           | 16.1                                      | 28061600100300 | 13929 92ND ST SE              | SNOHOMISH     | 98290         | SNOHOMISH   |
| SNOHOMISH          | 1403.72           | 23.6                                      | 28061600102800 | 8621 139TH AVE SE             | SNOHOMISH     | 98290         | SNOHOMISH   |
| SNOHOMISH          | 1403.88           | 14.0                                      | 28061600101900 | 8423 138TH AVE SE             | SNOHOMISH     | 98290         | SNOHOMISH   |
| SNOHOMISH          | 1404.13           | 10.0                                      | 28060900403100 | 13932 80TH ST SE              | SNOHOMISH     | 98290         | SNOHOMISH   |
| SNOHOMISH          | 1404.98           | 9.9                                       | 28060400301300 | 13703 THREE LAKES RD          | SNOHOMISH     | 98290         | SNOHOMISH   |
| SNOHOMISH          | 1405.22           | 7.2                                       | 28060400303700 | 6300 139TH AVE SE             | SNOHOMISH     | 98290         | SNOHOMISH   |
| SNOHOMISH          | 1405.27           | 41.5                                      | 28060400303600 | 6232 139TH AVE SE             | SNOHOMISH     | 98290         | SNOHOMISH   |
| SNOHOMISH          | 1405.67           | 40.1                                      | 00894800001300 | 13623 58TH ST SE              | SNOHOMISH     | 98290         | SNOHOMISH   |
| SNOHOMISH          | 1406.75           | 17.8                                      | 29063300200300 | 13630 DUBUQUE RD              | SNOHOMISH     | 98290         | SNOHOMISH   |
| SNOHOMISH          | 1406.81           | 22.0                                      | 29063300202400 | 13707 DUBUQUE RD              | SNOHOMISH     | 98290         | SNOHOMISH   |
| SNOHOMISH          | 1407.13           | 47.0                                      | 00777900001500 | 3306 139TH AVE SE             | SNOHOMISH     | 98290         | SNOHOMISH   |
| SNOHOMISH          | 1407.20           | 7.9                                       | 00777900001400 | 3212 139TH AVE SE             | SNOHOMISH     | 98290         | SNOHOMISH   |
| SNOHOMISH          | 1407.25           | 5.0                                       | 00777900001300 | 3118 139TH AVE SE             | SNOHOMISH     | 98290         | SNOHOMISH   |
| SNOHOMISH          | 1407.64           | 13.2                                      | 29062800203900 | 13623 27TH ST SE              | SNOHOMISH     | 98290         | SNOHOMISH   |
| SNOHOMISH          | 1407.90           | 38.2                                      | 00543500004400 | 13523 PILCHUCK WAY            | SNOHOMISH     | 98290         | SNOHOMISH   |
| SNOHOMISH          | 1407.97           | 44.9                                      | 00543500000100 | 13511 RIVIERA BLVD            | SNOHOMISH     | 98290         | SNOHOMISH   |
| SNOHOMISH          | 1408.09           | 33.9                                      | 29062100302800 | 13423 S MACHIAS RD            | SNOHOMISH     | 98290         | SNOHOMISH   |
| SNOHOMISH          | 1408.57           | 24.0                                      | 29062100203800 | 13229 12TH ST SE              | SNOHOMISH     | 98290         | SNOHOMISH   |
| SNOHOMISH          | 1408.77           | 41.0                                      | 29062100200800 | 818 135TH AVE SE              | SNOHOMISH     | 98290         | SNOHOMISH   |
| SNOHOMISH          | 1409.00           | 25.9                                      | 29062100204700 | 13303 4TH PL SE               | SNOHOMISH     | 98290         | SNOHOMISH   |
| SNOHOMISH          | 1409.07           | 9.4                                       | 29061600304000 | 326 135TH AVE SE              | SNOHOMISH     | 98290         | SNOHOMISH   |
| SNOHOMISH          | 1409.27           | 38.6                                      | 29061600300300 | 13314 MERIDIAN ST             | LAKE STEVENS  | 98258         | SNOHOMISH   |
| SNOHOMISH          | 1409.29           | 46.2                                      | 29061600301000 | 13232 MERIDIAN ST             | LAKE STEVENS  | 98258         | SNOHOMISH   |
| MT. VERNON SOUTH   | 1435.67           | 27.1                                      | P18039         | 25172 LAKE CAVANAUGH RD       | MOUNT VERNON  | 98274         | SKAGIT      |
| MT. VERNON SOUTH   | 1436.87           | 34.1                                      | P17966         | 24825 STONEWOOD DR            | MOUNT VERNON  | 98274         | SKAGIT      |
| MT. VERNON SOUTH   | 1437.62           | 21.3                                      | P30568         | 24306 WALKER VALLEY RD        | MOUNT VERNON  | 98274         | SKAGIT      |
| MT. VERNON NORTH A | 1443.27           | 16.0                                      | P30083         | 24903 OLD DAY CREEK RD        | SEDRO WOOLLEY | 98284         | SKAGIT      |
| MT. VERNON NORTH B | 1453.80           | 17.0                                      | P50994         | 2410 CRUSE RD                 | SEDRO WOOLLEY | 98284         | SKAGIT      |
| MT. VERNON NORTH B | 1454.04           | 43.1                                      | P50990         | 2206 CRUSE RD                 | SEDRO WOOLLEY | 98284         | SKAGIT      |
| MT. VERNON NORTH B | 1458.45           | 13.8                                      | 370529310440   | 800 INNIS CREEK RD            | ACME          | 98220         | WHATCOM     |
| MT. VERNON NORTH B | 1458.86           | 49.3                                      | 370520353076   | 5575 DORAN RD                 | ACME          | 98220         | WHATCOM     |
| SUMAS              | 1478.98           | 5.0                                       | 400427370389   | 8000 CRANE HILL RD            | EVERSON       | 98247         | WHATCOM     |

<sup>a</sup> Distances are approximate as a civil survey has not yet been completed.









**Legend**

- Pipeline Centerline
- Pipeline Milepost (10th)
- Permanent Easement
- Temporary Workspace
- Temporary Fence
- Existing Fence
- Gate
- School Property
- Parcel Boundaries

0 150 300  
Feet

**NOTES**

1. Ensure access to school entrance by maintaining traffic flow on SE Issaquah-Fall City Road.
2. Maintain existing school perimeter fences.
3. Construct during summer (no school) if possible.
4. Refine plan with school officials prior to construction.

**NORTHWEST PIPELINE LLC**  
**WASHINGTON EXPANSION PROJECT**  
**PACIFIC CASCADE MIDDLE SCHOOL**  
**SITE SPECIFIC MAP**  
**MP 1377.57**  
**T-24-N, R-6-E, S-14**  
**KING COUNTY, WASHINGTON**

| NO. | DATE | BY | DESCRIPTION | W.O. NO. | CHK. | APP. | DWG. BY: DC | DATE: 10/14/14 | ISSUED FOR BID:                            | SCALE: 1" = 300' |
|-----|------|----|-------------|----------|------|------|-------------|----------------|--|------------------|
|     |      |    |             |          |      |      | CHK. BY:    | DATE:          | ISSUED FOR CONTS:                          |                  |
|     |      |    |             |          |      |      | APPR. BY:   | DATE:          | DRAWING NUMBER: <b>SSP Pacific Cascade</b> | SHEET 3 OF 4     |





**APPENDIX I7**

**UTILITIES CROSSED**

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Appendix I7

Utilities Crossed

| Utility Type          | Milepost |
|-----------------------|----------|
| <b>Cowlitz County</b> |          |
| Power Line            | 1244.31  |
| Telephone Line        | 1244.31  |
| Power Line            | 1244.31  |
| Telephone Cable       | 1244.60  |
| Power Line            | 1244.60  |
| Telephone Cable       | 1244.61  |
| Telephone Cable       | 1244.90  |
| Telephone Cable       | 1246.25  |
| Telephone Cable       | 1246.83  |
| Multiple Utilities    | 1247.32  |
| Power Line            | 1247.71  |
| Telephone Cable       | 1247.71  |
| Telephone Cable       | 1248.46  |
| Power Line            | 1248.46  |
| Telephone Cable       | 1248.60  |
| Power Line            | 1248.60  |
| Telephone Line        | 1248.60  |
| Telephone Line        | 1248.65  |
| Power Line            | 1248.65  |
| Telephone Cable       | 1249.51  |
| Power Line            | 1250.60  |
| Telephone Cable       | 1251.28  |
| Telephone Line        | 1251.28  |
| Power Line            | 1251.28  |
| Telephone Cable       | 1252.72  |
| Telephone Cable       | 1252.72  |
| Telephone Line        | 1252.77  |
| Telephone Line        | 1252.83  |
| Telephone Cable       | 1253.38  |
| Power Line            | 1253.47  |
| Power Line            | 1253.51  |
| Telephone Line        | 1253.51  |
| Telephone Cable       | 1253.51  |
| Telephone Cable       | 1254.86  |
| Power Line            | 1254.92  |
| Telephone Line        | 1254.92  |
| Telephone Cable       | 1255.70  |
| Telephone Line        | 1255.70  |
| Power Line            | 1255.70  |
| Telephone Cable       | 1255.71  |

## Appendix I7

## Utilities Crossed

| Utility Type        | Milepost |
|---------------------|----------|
| Telephone Cable     | 1255.85  |
| Power Line          | 1256.91  |
| Telephone Line      | 1257.48  |
| Power Line          | 1257.48  |
| Telephone Cable     | 1258.21  |
| Power Line          | 1258.22  |
| Telephone Cable     | 1258.93  |
| Power Line          | 1260.03  |
| Power Line          | 1260.94  |
| Telephone Line      | 1260.94  |
| Telephone Line      | 1262.49  |
| Power Line          | 1262.49  |
| Telephone Line      | 1262.62  |
| Telephone Cable     | 1262.62  |
| Gas Line            | 1262.62  |
| Telephone Line      | 1262.63  |
| Power Line          | 1262.63  |
| Telephone Cable     | 1262.63  |
| Telephone Cable     | 1263.16  |
| Power Line          | 1263.17  |
| Telephone Line      | 1263.17  |
| Telephone Cable     | 1265.06  |
| Power Line          | 1265.08  |
| Telephone Cable     | 1265.19  |
| Power Line          | 1267.56  |
| Power Line          | 1268.48  |
| Telephone Line      | 1269.38  |
| Power Line          | 1269.38  |
| Telephone Cable     | 1269.69  |
| Power Line          | 1270.41  |
| Telephone Cable     | 1270.42  |
| Gas Line            | 1270.45  |
| Gas Line            | 1270.48  |
| Telephone Cable     | 1270.48  |
| Power Line          | 1272.73  |
| Power Line          | 1272.75  |
| Telephone Line      | 1272.75  |
| Telephone Cable     | 1272.75  |
| <b>Lewis County</b> |          |
| Power Line          | 1280.32  |
| Power Line          | 1281.27  |

Appendix I7

**Utilities Crossed**

| Utility Type    | Milepost |
|-----------------|----------|
| Telephone Line  | 1281.28  |
| Telephone Cable | 1281.38  |
| Power Line      | 1281.38  |
| Power Line      | 1281.55  |
| Power Line      | 1281.62  |
| Telephone Line  | 1283.64  |
| Power Line      | 1283.65  |
| Power Line      | 1284.12  |
| Power Line      | 1285.29  |
| Telephone Line  | 1285.29  |
| Telephone Cable | 1286.29  |
| Telephone Line  | 1286.88  |
| Power Line      | 1286.88  |
| Telephone Line  | 1287.03  |
| Power Line      | 1287.03  |
| Telephone Cable | 1287.42  |
| Power Line      | 1287.42  |
| Telephone Line  | 1287.42  |
| Telephone Cable | 1287.43  |
| Telephone Line  | 1288.02  |
| Power Line      | 1288.02  |
| Telephone Cable | 1288.43  |
| Telephone Cable | 1288.44  |
| Power Line      | 1288.44  |
| Telephone Cable | 1288.45  |
| Telephone Cable | 1288.66  |
| Telephone Cable | 1288.79  |
| Telephone Cable | 1289.45  |
| Power Line      | 1289.45  |
| Power Line      | 1289.45  |
| Telephone Cable | 1291.31  |
| Power Line      | 1291.31  |
| Telephone Line  | 1291.31  |
| Telephone Line  | 1291.32  |
| Power Line      | 1291.32  |
| Power Line      | 1291.7   |
| Power Line      | 1291.72  |
| Telephone Cable | 1292.61  |
| Telephone Cable | 1292.64  |
| Telephone Cable | 1292.67  |
| Telephone Cable | 1292.71  |
| Telephone Cable | 1293.08  |
| Telephone Cable | 1293.08  |
| Power Line      | 1293.09  |
| Telephone Line  | 1294.08  |

## Appendix I7

## Utilities Crossed

| Utility Type           | Milepost |
|------------------------|----------|
| Power Line             | 1294.08  |
| Telephone Cable        | 1294.08  |
| Gas Line               | 1294.51  |
| Telephone Line         | 1294.51  |
| Gas Line               | 1294.51  |
| Power Line             | 1294.52  |
| Power Line             | 1295.58  |
| Power Line             | 1295.63  |
| Telephone Cable        | 1295.64  |
| Telephone Line         | 1295.65  |
| Telephone Cable        | 1296.14  |
| Telephone Cable        | 1296.14  |
| Telephone Cable        | 1296.29  |
| Telephone Cable        | 1298.17  |
| Telephone Cable        | 1298.17  |
| Power Line             | 1298.18  |
| Gas Line               | 1298.18  |
| Power Line             | 1299.06  |
| Telephone Line         | 1299.06  |
| Power Line             | 1300.99  |
| Power Line             | 1301.02  |
| Power Line             | 1301.05  |
| Telephone Cable        | 1301.57  |
| Telephone Cable        | 1301.58  |
| Power Line             | 1301.58  |
| Telephone Line         | 1301.58  |
| Power Line             | 1302.26  |
| Power Line             | 1304.77  |
| Telephone Line         | 1305.31  |
| Power Line             | 1305.32  |
| Power Line             | 1306.45  |
| Power Line             | 1306.66  |
| Telephone Cable        | 1306.66  |
| Telephone Cable        | 1306.67  |
| Telephone Line         | 1306.67  |
| <b>Thurston County</b> |          |
| Power Line             | 1308.00  |
| Power Line             | 1308.04  |
| Telephone Cable        | 1309.10  |
| Multiple Utilities     | 1309.10  |
| Telephone Cable        | 1309.82  |
| Telephone Cable        | 1309.84  |
| Power Line             | 1310.02  |
| Power Line             | 1310.07  |
| Power Line             | 1311.80  |

Appendix I7

Utilities Crossed

| Utility Type         | Milepost |
|----------------------|----------|
| Power Line           | 1311.83  |
| Power Line           | 1315.36  |
| Power Line           | 1315.39  |
| <b>Pierce County</b> |          |
| Gas Line             | 1338.00  |
| Gas Line             | 1338.00  |
| Gas Line             | 1338.10  |
| Gas Line             | 1338.10  |
| Telephone Cable      | 1338.11  |
| Telephone Cable      | 1338.45  |
| Telephone Line       | 1338.58  |
| Power Line           | 1338.58  |
| Gas Line             | 1338.66  |
| Power Line           | 1338.86  |
| Telephone Line       | 1338.86  |
| Telephone Cable      | 1338.88  |
| Telephone Cable      | 1338.89  |
| Telephone Cable      | 1339.10  |
| Power Line           | 1339.14  |
| Telephone Line       | 1339.14  |
| Gas Line             | 1339.23  |
| Telephone Line       | 1339.32  |
| Power Line           | 1339.32  |
| Gas Line             | 1339.32  |
| Telephone Cable      | 1339.32  |
| Gas Line             | 1339.33  |
| Telephone Cable      | 1340.15  |
| Telephone Cable      | 1340.19  |
| Telephone Cable      | 1340.20  |
| Telephone Cable      | 1340.27  |
| Telephone Cable      | 1340.48  |
| Gas Line             | 1340.48  |
| Telephone Cable      | 1340.51  |
| Telephone Line       | 1340.71  |
| Power Line           | 1340.71  |
| Telephone Cable      | 1340.75  |
| Telephone Cable      | 1340.78  |
| Telephone Cable      | 1340.79  |
| Telephone Cable      | 1340.82  |
| Telephone Cable      | 1340.83  |
| Telephone Cable      | 1340.86  |
| Telephone Cable      | 1340.88  |
| Telephone Cable      | 1340.90  |
| Telephone Cable      | 1340.93  |
| Telephone Cable      | 1340.95  |

## Appendix I7

## Utilities Crossed

| Utility Type    | Milepost |
|-----------------|----------|
| Power Line      | 1340.97  |
| Telephone Cable | 1341.19  |
| Telephone Cable | 1341.23  |
| Gas Line        | 1341.59  |
| Telephone Cable | 1341.59  |
| Telephone Cable | 1341.66  |
| Power Line      | 1341.66  |
| Telephone Cable | 1341.66  |
| Power Line      | 1341.67  |
| Power Line      | 1341.86  |
| Gas Line        | 1341.86  |
| Telephone Line  | 1342.17  |
| Power Line      | 1342.18  |
| Gas Line        | 1342.63  |
| Telephone Cable | 1342.81  |
| Power Line      | 1342.82  |
| Telephone Cable | 1342.82  |
| Gas Line        | 1342.82  |
| Gas Line        | 1342.82  |
| Gas Line        | 1342.89  |
| Telephone Cable | 1342.89  |
| Gas Line        | 1342.90  |
| Telephone Cable | 1342.90  |
| Telephone Cable | 1342.91  |
| Gas Line        | 1342.91  |
| Gas Line        | 1342.92  |
| Telephone Cable | 1342.92  |
| Telephone Cable | 1342.93  |
| Gas Line        | 1342.93  |
| Gas Line        | 1342.98  |
| Telephone Line  | 1343.01  |
| Power Line      | 1343.01  |
| Power Line      | 1343.05  |
| Gas Line        | 1343.05  |
| Power Line      | 1343.10  |
| Gas Line        | 1343.28  |
| Gas Line        | 1343.29  |
| Gas Line        | 1343.29  |
| Telephone Cable | 1343.30  |
| Telephone Cable | 1343.30  |
| Telephone Line  | 1343.30  |
| Power Line      | 1343.30  |
| Gas Line        | 1343.43  |
| Telephone Line  | 1343.44  |
| Power Line      | 1343.44  |

## Appendix I7

## Utilities Crossed

| Utility Type       | Milepost |
|--------------------|----------|
| Gas Line           | 1343.46  |
| Telephone Line     | 1343.47  |
| Telephone Line     | 1343.47  |
| Gas Line           | 1343.48  |
| Telephone Line     | 1343.48  |
| Telephone Cable    | 1343.57  |
| Power Line         | 1343.57  |
| Gas Line           | 1343.57  |
| Multiple Utilities | 1343.71  |
| Gas Line           | 1343.72  |
| Gas Line           | 1343.85  |
| Telephone Cable    | 1343.88  |
| Power Line         | 1343.88  |
| Telephone Cable    | 1343.93  |
| Power Line         | 1343.93  |
| Gas Line           | 1343.93  |
| Telephone Cable    | 1343.94  |
| Gas Line           | 1343.97  |
| Telephone Cable    | 1344.35  |
| Telephone Line     | 1344.36  |
| Power Line         | 1344.36  |
| Telephone Cable    | 1344.36  |
| Power Line         | 1344.69  |
| Telephone Cable    | 1344.82  |
| Gas Line           | 1345.30  |
| Telephone Cable    | 1345.31  |
| Gas Line           | 1345.35  |
| Telephone Cable    | 1345.41  |
| Gas Line           | 1345.41  |
| Gas Line           | 1345.68  |
| Telephone Cable    | 1345.68  |
| Telephone Cable    | 1345.76  |
| Gas Line           | 1345.76  |
| Gas Line           | 1345.77  |
| Telephone Cable    | 1345.77  |
| Telephone Cable    | 1345.91  |
| Gas Line           | 1345.91  |
| Telephone Cable    | 1345.91  |
| Gas Line           | 1346.14  |
| Power Line         | 1346.15  |
| Telephone Cable    | 1346.15  |
| Gas Line           | 1346.18  |
| Telephone Cable    | 1346.20  |
| Gas Line           | 1346.21  |
| Gas Line           | 1346.29  |

Appendix I7

**Utilities Crossed**

| Utility Type    | Milepost |
|-----------------|----------|
| Telephone Cable | 1346.29  |
| Telephone Cable | 1346.39  |
| Telephone Cable | 1346.39  |
| Gas Line        | 1346.39  |
| Gas Line        | 1346.39  |
| Gas Line        | 1346.53  |
| Gas Line        | 1346.58  |
| Telephone Cable | 1346.58  |
| Telephone Cable | 1346.62  |
| Gas Line        | 1346.62  |
| Gas Line        | 1346.92  |
| Telephone Cable | 1346.92  |
| Telephone Line  | 1346.92  |
| Power Line      | 1346.92  |
| Telephone Cable | 1346.93  |
| Telephone Line  | 1347.28  |
| Power Line      | 1347.28  |
| Telephone Cable | 1347.29  |
| Gas Line        | 1347.29  |
| Telephone Cable | 1347.37  |
| Telephone Line  | 1347.38  |
| Telephone Cable | 1347.38  |
| Power Line      | 1347.38  |
| Telephone Cable | 1347.38  |
| Gas Line        | 1347.38  |
| Power Line      | 1348.48  |
| Telephone Line  | 1348.48  |
| Power Line      | 1348.48  |
| Gas Line        | 1348.48  |
| Telephone Cable | 1348.49  |
| Power Line      | 1348.49  |
| Power Line      | 1348.50  |
| Telephone Cable | 1348.50  |
| Power Line      | 1348.50  |
| Power Line      | 1348.52  |
| Power Line      | 1348.52  |
| Power Line      | 1348.53  |
| Telephone Cable | 1348.53  |
| Power Line      | 1349.64  |
| Telephone Line  | 1349.64  |
| Telephone Cable | 1349.64  |

Appendix I7

Utilities Crossed

| Utility Type       | Milepost |
|--------------------|----------|
| Gas Line           | 1349.64  |
| Telephone Line     | 1349.65  |
| Power Line         | 1349.66  |
| Gas Line           | 1349.89  |
| Telephone Line     | 1349.89  |
| Power Line         | 1349.89  |
| Telephone Cable    | 1349.89  |
| Power Line         | 1350.12  |
| Power Line         | 1350.42  |
| Gas Line           | 1351.01  |
| Telephone Line     | 1351.27  |
| Power Line         | 1351.27  |
| Telephone Cable    | 1351.52  |
| Gas Line           | 1351.82  |
| Telephone Line     | 1351.82  |
| Power Line         | 1351.82  |
| Telephone Cable    | 1351.82  |
| Multiple Utilities | 1351.82  |
| <b>King County</b> |          |
| Power Line         | 1356.92  |
| Telephone Line     | 1356.92  |
| Telephone Cable    | 1358.02  |
| Power Line         | 1358.02  |
| Gas Line           | 1358.06  |
| Telephone Cable    | 1358.06  |
| Power Line         | 1358.07  |
| Telephone Line     | 1358.07  |
| Telephone Cable    | 1359.50  |
| Power Line         | 1359.55  |
| Multiple Utilities | 1359.65  |
| Power Line         | 1359.65  |
| Telephone Line     | 1359.85  |
| Power Line         | 1359.85  |
| Telephone Cable    | 1359.86  |
| Gas Line           | 1360.09  |
| Telephone Cable    | 1360.09  |
| Telephone Line     | 1360.09  |
| Power Line         | 1360.09  |
| Gas Line           | 1360.09  |
| Telephone Cable    | 1360.09  |
| Power Line         | 1360.43  |
| Power Line         | 1360.46  |
| Gas Line           | 1360.61  |
| Gas Line           | 1360.90  |
| Power Line         | 1360.92  |

## Appendix I7

## Utilities Crossed

| Utility Type       | Milepost |
|--------------------|----------|
| Telephone Line     | 1360.92  |
| Telephone Cable    | 1360.92  |
| Telephone Cable    | 1361.07  |
| Telephone Cable    | 1361.54  |
| Telephone Line     | 1361.58  |
| Power Line         | 1361.58  |
| Telephone Cable    | 1361.58  |
| Telephone Cable    | 1361.58  |
| Telephone Cable    | 1361.58  |
| Power Line         | 1361.59  |
| Telephone Line     | 1361.59  |
| Gas Line           | 1361.59  |
| Telephone Cable    | 1361.79  |
| Power Line         | 1361.90  |
| Power Line         | 1361.92  |
| Telephone Cable    | 1362.23  |
| Gas Line           | 1362.24  |
| Telephone Cable    | 1362.51  |
| Gas Line           | 1362.53  |
| Telephone Line     | 1362.64  |
| Power Line         | 1362.77  |
| Multiple Utilities | 1362.78  |
| Gas Line           | 1362.81  |
| Telephone Cable    | 1362.81  |
| Telephone Line     | 1362.81  |
| Telephone Cable    | 1362.81  |
| Telephone Cable    | 1362.82  |
| Power Line         | 1362.82  |
| Gas Line           | 1362.87  |
| Telephone Cable    | 1362.87  |
| Telephone Cable    | 1362.87  |
| Power Line         | 1362.87  |
| Gas Line           | 1363.28  |
| Telephone Cable    | 1363.33  |
| Gas Line           | 1363.33  |
| Gas Line           | 1363.43  |
| Gas Line           | 1363.51  |
| Telephone Cable    | 1363.52  |
| Telephone Cable    | 1363.61  |
| Telephone Cable    | 1363.61  |
| Telephone Cable    | 1363.61  |
| Gas Line           | 1363.62  |
| Telephone Cable    | 1363.68  |
| Telephone Cable    | 1363.68  |
| Gas Line           | 1363.68  |

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**Utilities Crossed**

| Utility Type    | Milepost |
|-----------------|----------|
| Telephone Cable | 1363.72  |
| Gas Line        | 1363.73  |
| Telephone Cable | 1370.89  |
| Telephone Cable | 1370.89  |
| Power Line      | 1371.19  |
| Power Line      | 1371.31  |
| Telephone Line  | 1371.31  |
| Power Line      | 1371.40  |
| Telephone Line  | 1371.40  |
| Power Line      | 1371.45  |
| Telephone Line  | 1371.49  |
| Power Line      | 1371.49  |
| Gas Line        | 1371.62  |
| Telephone Cable | 1371.62  |
| Telephone Cable | 1371.68  |
| Gas Line        | 1371.71  |
| Telephone Cable | 1371.71  |
| Power Line      | 1371.82  |
| Telephone Cable | 1371.82  |
| Telephone Cable | 1371.83  |
| Telephone Cable | 1371.83  |
| Gas Line        | 1371.83  |
| Telephone Cable | 1371.87  |
| Telephone Cable | 1371.87  |
| Power Line      | 1371.87  |
| Telephone Cable | 1371.88  |
| Telephone Line  | 1371.88  |
| Telephone Cable | 1372.02  |
| Telephone Cable | 1372.03  |
| Telephone Cable | 1372.48  |
| Power Line      | 1372.48  |
| Telephone Line  | 1372.48  |
| Telephone Cable | 1372.48  |
| Telephone Cable | 1372.62  |
| Telephone Line  | 1372.62  |
| Power Line      | 1372.62  |
| Telephone Cable | 1372.77  |
| Telephone Line  | 1372.90  |
| Telephone Line  | 1372.95  |
| Telephone Line  | 1372.96  |
| Power Line      | 1372.96  |
| Telephone Line  | 1373.00  |
| Telephone Cable | 1373.01  |
| Power Line      | 1373.01  |
| Telephone Line  | 1373.01  |

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**Utilities Crossed**

| Utility Type       | Milepost |
|--------------------|----------|
| Telephone Line     | 1373.04  |
| Telephone Cable    | 1373.06  |
| Gas Line           | 1373.11  |
| Power Line         | 1373.11  |
| Telephone Line     | 1373.11  |
| Telephone Line     | 1373.14  |
| Power Line         | 1373.14  |
| Power Line         | 1373.67  |
| Telephone Line     | 1373.67  |
| Telephone Line     | 1373.68  |
| Power Line         | 1373.68  |
| Telephone Cable    | 1373.72  |
| Multiple Utilities | 1373.93  |
| Power Line         | 1374.22  |
| Telephone Line     | 1374.22  |
| Power Line         | 1375.55  |
| Power Line         | 1375.64  |
| Power Line         | 1375.65  |
| Power Line         | 1375.65  |
| Power Line         | 1375.80  |
| Multiple Utilities | 1376.15  |
| Telephone Cable    | 1376.44  |
| Telephone Cable    | 1376.44  |
| Gas Line           | 1376.49  |
| Multiple Utilities | 1376.68  |
| Telephone Cable    | 1376.71  |
| Telephone Cable    | 1376.72  |
| Telephone Cable    | 1376.75  |
| Gas Line           | 1376.75  |
| Multiple Utilities | 1376.91  |
| Telephone Cable    | 1376.93  |
| Telephone Cable    | 1377.13  |
| Telephone Cable    | 1377.13  |
| Gas Line           | 1377.14  |
| Telephone Cable    | 1377.14  |
| Telephone Line     | 1377.17  |
| Power Line         | 1377.17  |
| Telephone Cable    | 1377.17  |
| Gas Line           | 1377.17  |
| Power Line         | 1377.17  |
| Power Line         | 1377.63  |
| Multiple Utilities | 1377.64  |
| Telephone Cable    | 1377.64  |
| Telephone Cable    | 1377.64  |
| Gas Line           | 1377.64  |

## Appendix I7

## Utilities Crossed

| Utility Type       | Milepost |
|--------------------|----------|
| Gas Line           | 1377.64  |
| Telephone Cable    | 1377.66  |
| Power Line         | 1377.68  |
| Telephone Cable    | 1377.69  |
| Gas Line           | 1377.79  |
| Telephone Cable    | 1377.79  |
| Telephone Cable    | 1377.82  |
| Gas Line           | 1377.84  |
| Telephone Cable    | 1377.84  |
| Telephone Cable    | 1377.91  |
| Gas Line           | 1377.91  |
| Gas Line           | 1378.45  |
| Telephone Cable    | 1378.45  |
| Gas Line           | 1378.57  |
| Telephone Cable    | 1378.57  |
| Telephone Cable    | 1378.65  |
| Gas Line           | 1378.65  |
| Gas Line           | 1378.83  |
| Telephone Cable    | 1378.83  |
| Telephone Cable    | 1378.95  |
| Gas Line           | 1378.95  |
| Telephone Cable    | 1379.20  |
| Multiple Utilities | 1379.20  |
| Power Line         | 1379.20  |
| Gas Line           | 1379.20  |
| Telephone Cable    | 1379.21  |
| Power Line         | 1379.25  |
| Telephone Line     | 1379.25  |
| Telephone Cable    | 1379.26  |
| Power Line         | 1379.32  |
| Telephone Line     | 1379.32  |
| Telephone Cable    | 1379.33  |
| Power Line         | 1379.33  |
| Gas Line           | 1379.37  |
| Telephone Line     | 1379.71  |
| Telephone Cable    | 1379.71  |
| Gas Line           | 1379.71  |
| Gas Line           | 1379.94  |
| Gas Line           | 1380.06  |
| Telephone Cable    | 1380.22  |
| Telephone Cable    | 1380.22  |
| Gas Line           | 1380.22  |
| Multiple Utilities | 1380.37  |
| Gas Line           | 1380.67  |
| Multiple Utilities | 1380.75  |

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Utilities Crossed

| Utility Type            | Milepost |
|-------------------------|----------|
| Multiple Utilities      | 1380.87  |
| Multiple Utilities      | 1380.97  |
| Telephone Cable         | 1381.52  |
| Telephone Cable         | 1381.56  |
| Gas Line                | 1381.74  |
| Power Line              | 1381.74  |
| Telephone Line          | 1381.74  |
| Gas Line                | 1381.76  |
| Telephone Cable         | 1381.77  |
| Gas Line                | 1381.92  |
| <b>Snohomish County</b> |          |
| Gas Line                | 1393.84  |
| Gas Line                | 1393.84  |
| Power Line              | 1394.02  |
| Telephone Line          | 1394.02  |
| Telephone Cable         | 1394.05  |
| Gas Line                | 1394.05  |
| Telephone Cable         | 1394.05  |
| Telephone Line          | 1394.05  |
| Power Line              | 1394.05  |
| Telephone Cable         | 1394.06  |
| Telephone Line          | 1394.39  |
| Power Line              | 1394.39  |
| Telephone Cable         | 1394.39  |
| Telephone Cable         | 1394.39  |
| Power Line              | 1395.28  |
| Power Line              | 1396.47  |
| Power Line              | 1396.59  |
| Telephone Line          | 1396.75  |
| Power Line              | 1396.75  |
| Telephone Line          | 1396.94  |
| Power Line              | 1396.94  |
| Telephone Line          | 1397.03  |
| Power Line              | 1397.03  |
| Telephone Cable         | 1398.07  |
| Power Line              | 1400.01  |
| Telephone Cable         | 1400.01  |
| Telephone Cable         | 1400.07  |
| Power Line              | 1400.71  |
| Telephone Line          | 1400.71  |
| Telephone Cable         | 1400.71  |
| Power Line              | 1401.54  |
| Power Line              | 1401.55  |
| Telephone Line          | 1401.56  |
| Telephone Cable         | 1402.90  |

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**Utilities Crossed**

| Utility Type         | Milepost |
|----------------------|----------|
| Power Line           | 1402.90  |
| Telephone Cable      | 1402.91  |
| Telephone Line       | 1402.92  |
| Power Line           | 1402.92  |
| Power Line           | 1403.41  |
| Telephone Cable      | 1403.66  |
| Power Line           | 1404.17  |
| Gas Line             | 1404.22  |
| Power Line           | 1404.88  |
| Power Line           | 1404.91  |
| Telephone Cable      | 1404.96  |
| Power Line           | 1404.97  |
| Gas Line             | 1405.19  |
| Multiple Utilities   | 1405.94  |
| Gas Line             | 1406.73  |
| Telephone Line       | 1406.75  |
| Power Line           | 1406.76  |
| Power Line           | 1406.76  |
| Power Line           | 1406.95  |
| Power Line           | 1407.55  |
| Power Line           | 1407.93  |
| Telephone Line       | 1407.95  |
| Power Line           | 1407.95  |
| Telephone Cable      | 1408.05  |
| Power Line           | 1408.05  |
| Telephone Line       | 1408.05  |
| Telephone Line       | 1408.18  |
| Power Line           | 1408.59  |
| Power Line           | 1408.59  |
| Telephone Line       | 1408.59  |
| Telephone Cable      | 1408.76  |
| Power Line           | 1408.88  |
| Power Line           | 1409.14  |
| <b>Skagit County</b> |          |
| Gas Line             | 1435.67  |
| Power Line           | 1435.69  |
| Telephone Line       | 1435.69  |
| Power Line           | 1435.95  |
| Power Line           | 1435.98  |
| Telephone Cable      | 1437.81  |
| Telephone Line       | 1437.81  |
| Telephone Cable      | 1437.81  |
| Power Line           | 1437.91  |
| Gas Line             | 1439.00  |
| Gas Line             | 1439.17  |

Appendix I7

Utilities Crossed

| Utility Type          | Milepost |
|-----------------------|----------|
| Power Line            | 1439.25  |
| Power Line            | 1439.29  |
| Telephone Cable       | 1439.33  |
| Telephone Line        | 1439.33  |
| Telephone Cable       | 1440.09  |
| Power Line            | 1440.21  |
| Telephone Line        | 1440.59  |
| Power Line            | 1440.60  |
| Telephone Cable       | 1441.59  |
| Power Line            | 1441.67  |
| Power Line            | 1441.69  |
| Power Line            | 1441.71  |
| Telephone Cable       | 1442.89  |
| Telephone Line        | 1443.23  |
| Power Line            | 1443.24  |
| Telephone Cable       | 1444.13  |
| Power Line            | 1445.02  |
| Power Line            | 1445.02  |
| Gas Line              | 1445.02  |
| Power Line            | 1453.91  |
| Power Line            | 1453.96  |
| Telephone Cable       | 1454.13  |
| <b>Whatcom County</b> |          |
| Power Line            | 1458.85  |
| Telephone Line        | 1458.86  |
| Telephone Cable       | 1459.60  |
| Power Line            | 1459.60  |
| Telephone Line        | 1459.88  |
| Power Line            | 1459.89  |
| Power Line            | 1461.20  |
| Gas Line              | 1461.21  |
| Multiple Utilities    | 1478.94  |
| Telephone Cable       | 1480.03  |
| Telephone Cable       | 1480.03  |
| Multiple Utilities    | 1481.51  |
| Power Line            | 1481.54  |
| Telephone Line        | 1481.55  |
| Gas Line              | 1481.73  |
| Power Line            | 1482.85  |
| Power Line            | 1482.86  |
| Gas Line              | 1482.86  |
| Power Line            | 1483.00  |
| Gas Line              | 1483.01  |
| Gas Line              | 1483.01  |
| Power Line            | 1483.01  |

Appendix I7

**Utilities Crossed**

| <b>Utility Type</b> | <b>Milepost</b> |
|---------------------|-----------------|
| Gas Line            | 1483.57         |
| Gas Line            | 1483.87         |
| Power Line          | 1483.87         |
| Gas Line            | 1483.88         |
| Power Line          | 1483.88         |
| Gas Line            | 1484.15         |
| Gas Line            | 1484.40         |
| Power Line          | 1484.41         |
| Gas Line            | 1484.42         |
| Telephone Cable     | 1484.42         |
| Gas Line            | 1484.45         |



## **APPENDIX I8**

### **MAJOR ROADS AND RAILROADS CROSSED**

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## Appendix I8

## Major Roads and Railroads Crossed

| County   | Nearest Milepost | Pipeline Section  | Crossing Type | Road/Railroad Name <sup>a</sup> |
|----------|------------------|-------------------|---------------|---------------------------------|
| Cowlitz  | 1246.85          | Woodland Loop     | Road          | Shirley Gordon Road             |
| Cowlitz  | 1248.46          | Woodland Loop     | Road          | Green Mountain Road             |
| Cowlitz  | 1248.73          | Woodland Loop     | Road          | J.E. Johnson Road               |
| Cowlitz  | 1251.28          | Woodland Loop     | Road          | China Garden Road               |
| Cowlitz  | 1252.71          | Woodland Loop     | Road          | Modrow Road                     |
| Cowlitz  | 1253.51          | Woodland Loop     | Road          | Kalama River Road               |
| Cowlitz  | 1254.93          | Woodland Loop     | Road          | Mt. Pleasant Road               |
| Cowlitz  | 1255.70          | Woodland Loop     | Road          | Kool Road                       |
| Cowlitz  | 1256.91          | Woodland Loop     | Road          | Fish Pond Road                  |
| Cowlitz  | 1257.49          | Woodland Loop     | Road          | Rose Valley Road                |
| Cowlitz  | 1260.95          | Woodland Loop     | Road          | Allen Street Road               |
| Cowlitz  | 1262.61          | Woodland Loop     | Road          | Mt. Brynion Road                |
| Cowlitz  | 1263.17          | Woodland Loop     | Road          | Holcomb Road                    |
| Cowlitz  | 1265.06          | Woodland Loop     | Road          | Ostrander Road                  |
| Cowlitz  | 1265.16          | Woodland Loop     | Railroad      | Patriot Woods Railroad          |
| Cowlitz  | 1267.56          | Woodland Loop     | Road          | Headquarters Road               |
| Cowlitz  | 1270.48          | Woodland Loop     | Road          | Powell Road                     |
| Cowlitz  | 1272.74          | Woodland Loop     | Road          | State Route 504                 |
| Lewis    | 1280.33          | Woodland Loop     | Road          | Smokey Valley Road              |
| Lewis    | 1281.27          | Woodland Loop     | Road          | Jackson Highway                 |
| Lewis    | 1281.38          | Woodland Loop     | Road          | Herriford Road                  |
| Lewis    | 1283.65          | Woodland Loop     | Road          | Toledo Vader Road               |
| Lewis    | 1284.12          | Woodland Loop     | Road          | Drews Prairie Road              |
| Lewis    | 1285.28          | Woodland Loop     | Road          | State Route 505                 |
| Lewis    | 1286.89          | Woodland Loop     | Road          | Frost Road                      |
| Lewis    | 1287.44          | Woodland Loop     | Road          | Hart Road                       |
| Lewis    | 1288.02          | Woodland Loop     | Road          | Bremgartner Road                |
| Lewis    | 1288.44          | Woodland Loop     | Road          | Park Road                       |
| Lewis    | 1289.44          | Woodland Loop     | Road          | Meier Road W.                   |
| Lewis    | 1291.30          | Chehalis Loop     | Road          | Koontz Road                     |
| Lewis    | 1292.66          | Chehalis Loop     | Road          | State Route 508                 |
| Lewis    | 1293.09          | Chehalis Loop     | Road          | Forest Napavine Road            |
| Lewis    | 1294.04          | Chehalis Loop     | Road          | Pier Road                       |
| Lewis    | 1294.52          | Chehalis Loop     | Road          | Jackson Highway                 |
| Lewis    | 1295.64          | Chehalis Loop     | Road          | Yates Road                      |
| Lewis    | 1296.14          | Chehalis Loop     | Road          | Logan Hill Road                 |
| Lewis    | 1298.18          | Chehalis Loop     | Road          | Centralia Alpha Road            |
| Lewis    | 1299.07          | Chehalis Loop     | Road          | Proffitt Road                   |
| Lewis    | 1301.58          | Chehalis Loop     | Road          | Little Hanaford Road            |
| Lewis    | 1306.67          | Chehalis Loop     | Road          | Big Hanaford Road               |
| Thurston | 1309.09          | Chehalis Loop     | Road          | Thompson Creek Road S.E.        |
| Thurston | 1309.80          | Chehalis Loop     | Road          | Skookumchuck Road S.E.          |
| Thurston | 1309.82          | Chehalis Loop     | Road          | Johnson Creek Road S.E.         |
| Thurston | 1315.17          | Chehalis Loop     | Railroad      | Tacoma Rail Mountain Division   |
| Pierce   | 1338.09          | Sumner South Loop | Road          | 192nd Street E.                 |
| Pierce   | 1338.41          | Sumner South Loop | Road          | Canyon Road E.                  |
| Pierce   | 1338.81          | Sumner South Loop | Railroad      | Tacoma Rail Mountain Division   |
| Pierce   | 1338.83          | Sumner South Loop | Railroad      | Tacoma Rail Mountain Division   |

## Appendix I8

## Major Roads and Railroads Crossed

| County | Nearest Milepost | Pipeline Section    | Crossing Type | Road/Railroad Name <sup>a</sup> |
|--------|------------------|---------------------|---------------|---------------------------------|
| Pierce | 1339.32          | Sumner South Loop   | Road          | 176th Street E.                 |
| Pierce | 1340.71          | Sumner South Loop   | Road          | 160th Street E.                 |
| Pierce | 1340.97          | Sumner South Loop   | Road          | 156th Street E.                 |
| Pierce | 1341.86          | Sumner South Loop   | Road          | 144th Street E.                 |
| Pierce | 1342.18          | Sumner South Loop   | Road          | 86th Avenue E.                  |
| Pierce | 1342.82          | Sumner South Loop   | Road          | 94th Avenue E.                  |
| Pierce | 1343.30          | Sumner South Loop   | Road          | 128th Street E.                 |
| Pierce | 1343.44          | Sumner South Loop   | Road          | 126th Street E.                 |
| Pierce | 1343.47          | Sumner South Loop   | Road          | 98th Avenue E.                  |
| Pierce | 1343.57          | Sumner South Loop   | Road          | 124th Street E.                 |
| Pierce | 1343.72          | Sumner South Loop   | Road          | 122nd Street E.                 |
| Pierce | 1343.94          | Sumner South Loop   | Road          | State Route 161                 |
| Pierce | 1344.35          | Sumner South Loop   | Road          | 43rd Avenue S.E.                |
| Pierce | 1344.70          | Sumner South Loop   | Road          | 39th Avenue S.E.                |
| Pierce | 1345.30          | Sumner South Loop   | Road          | Wild Wood Park Drive            |
| Pierce | 1346.14          | Sumner South Loop   | Road          | 23rd Avenue S.E.                |
| Pierce | 1346.92          | Sumner South Loop   | Road          | Shaw Road S.E.                  |
| Pierce | 1347.29          | Sumner South Loop   | Road          | E. Pioneer Avenue               |
| Pierce | 1347.30          | Sumner South Loop   | Railroad      | Meeker Southern Railroad        |
| Pierce | 1347.38          | Sumner South Loop   | Road          | 134th Avenue E.                 |
| Pierce | 1348.49          | Sumner South Loop   | Road          | State Route 162                 |
| Pierce | 1348.53          | Sumner South Loop   | Road          | Riverside Drive E.              |
| Pierce | 1349.29          | Sumner South Loop   | Road          | State Route 410                 |
| Pierce | 1349.30          | Sumner South Loop   | Road          | State Route 410                 |
| Pierce | 1349.65          | Sumner South Loop   | Road          | 64th Street E.                  |
| Pierce | 1349.90          | Sumner South Loop   | Road          | 60th Street E.                  |
| Pierce | 1350.19          | Sumner South Loop   | Road          | Sumner-Tapps Highway E.         |
| King   | 1356.91          | Sumner North A Loop | Road          | S.E. Green Valley Road          |
| King   | 1358.02          | Sumner North A Loop | Road          | S.E. Lake Moneysmith Road       |
| King   | 1358.07          | Sumner North A Loop | Road          | S.E. Lake Holm Road             |
| King   | 1358.82          | Sumner North A Loop | Road          | S.E. 326th Street               |
| King   | 1358.85          | Sumner North A Loop | Road          | 162nd Street S.E.               |
| King   | 1359.04          | Sumner North A Loop | Road          | S.E. 322nd Street               |
| King   | 1359.56          | Sumner North A Loop | Road          | S.E. Auburn Black Diamond Road  |
| King   | 1359.67          | Sumner North A Loop | Road          | 169th Avenue S.E.               |
| King   | 1360.09          | Sumner North A Loop | Road          | Kent Black Diamond Road         |
| King   | 1360.61          | Sumner North A Loop | Road          | SE 303rd Street                 |
| King   | 1360.91          | Sumner North A Loop | Road          | Thomas Road S.E.                |
| King   | 1361.59          | Sumner North A Loop | Road          | S.E. Covington Sawyer Road      |
| King   | 1361.80          | Sumner North A Loop | Road          | S.E. 287th Street               |
| King   | 1362.24          | Sumner North A Loop | Road          | S.E. 281st Street               |
| King   | 1362.52          | Sumner North A Loop | Road          | S.E. 277th Street               |
| King   | 1362.65          | Sumner North A Loop | Railroad      | Burlington Northern Railway     |
| King   | 1362.82          | Sumner North A Loop | Road          | State Route 516                 |
| King   | 1371.82          | Sumner North B Loop | Road          | 233rd Way S.E.                  |
| King   | 1371.87          | Sumner North B Loop | Road          | Issaquah Hobart Road S.E.       |
| King   | 1372.47          | Sumner North B Loop | Road          | S.E. 132nd Way                  |
| King   | 1376.10          | Sumner North B Loop | Road          | Eastbound Lane I-90             |

## Appendix I8

## Major Roads and Railroads Crossed

| County    | Nearest Milepost | Pipeline Section        | Crossing Type | Road/Railroad Name <sup>a</sup>                 |
|-----------|------------------|-------------------------|---------------|---|
| King      | 1376.14          | Sumner North B Loop     | Road          | Westbound Lane I-90                             |
| King      | 1376.70          | Sumner North B Loop     | Road          | N.E. Park Drive                                 |
| King      | 1377.17          | Sumner North B Loop     | Road          | S.E. Old Black Nugget Road                      |
| King      | 1377.64          | Sumner North B Loop     | Road          | S.E. Issaquah Fall-City Road                    |
| King      | 1377.79          | Sumner North B Loop     | Road          | S.E. 47th Street                                |
| King      | 1377.85          | Sumner North B Loop     | Road          | S.E. 46th Way                                   |
| King      | 1377.91          | Sumner North B Loop     | Road          | 243rd Court S.E.                                |
| King      | 1378.44          | Sumner North B Loop     | Road          | 244th Place S.E.                                |
| King      | 1378.59          | Sumner North B Loop     | Road          | S.E. Klahanie Boulevard                         |
| King      | 1378.67          | Sumner North B Loop     | Road          | S.E. 40th Place                                 |
| King      | 1378.84          | Sumner North B Loop     | Road          | S.E. 37th Place                                 |
| King      | 1378.99          | Sumner North B Loop     | Road          | S.E. 34th Street                                |
| King      | 1379.21          | Sumner North B Loop     | Road          | S.E. 32nd Street                                |
| King      | 1380.67          | Sumner North B Loop     | Road          | S.E. 8th Street                                 |
| King      | 1381.74          | Sumner North B Loop     | Road          | N.E. 8th Street                                 |
| Snohomish | 1394.05          | Snohomish Loop          | Road          | Echo Lake Road                                  |
| Snohomish | 1394.39          | Snohomish Loop          | Road          | Lost Lake Road                                  |
| Snohomish | 1396.75          | Snohomish Loop          | Road          | Welch Road                                      |
| Snohomish | 1396.97          | Snohomish Loop          | Road          | State Route 522                                 |
| Snohomish | 1397.03          | Snohomish Loop          | Road          | Elliott Road                                    |
| Snohomish | 1400.72          | Snohomish Loop          | Road          | Old Snohomish-Monroe Road                       |
| Snohomish | 1401.57          | Snohomish Loop          | Railroad      | Burlington Northern Railway                     |
| Snohomish | 1402.92          | Snohomish Loop          | Road          | State Route 2                                   |
| Snohomish | 1403.00          | Snohomish Loop          | Road          | State Route 2                                   |
| Snohomish | 1403.41          | Snohomish Loop          | Road          | 92nd Street S.E.                                |
| Snohomish | 1404.17          | Snohomish Loop          | Road          | 80th Street S.E.                                |
| Snohomish | 1404.97          | Snohomish Loop          | Road          | Three Lakes Road                                |
| Snohomish | 1406.75          | Snohomish Loop          | Road          | Dubuque Road                                    |
| Snohomish | 1407.95          | Snohomish Loop          | Road          | Riviera Boulevard                               |
| Snohomish | 1408.05          | Snohomish Loop          | Road          | S. Machias Road                                 |
| Snohomish | 1408.20          | Snohomish Loop          | Railroad      | Burlington Southern Railway                     |
| Snohomish | 1409.31          | Snohomish Loop          | Road          | Meridian Street                                 |
| Skagit    | 1435.69          | Mt. Vernon South Loop   | Road          | Lake Cavanaugh Road                             |
| Skagit    | 1437.78          | Mt. Vernon South Loop   | Road          | Walker Valley Road                              |
| Skagit    | 1439.33          | Mt. Vernon South Loop   | Road          | Gunderson Road                                  |
| Skagit    | 1440.59          | Mt. Vernon North A Loop | Road          | Beaver Lake Road                                |
| Skagit    | 1443.23          | Mt. Vernon North A Loop | Road          | Old Day Creek Road                              |
| Skagit    | 1444.87          | Mt. Vernon North A Loop | Road          | South Skagit Highway                            |
| Skagit    | 1444.98          | Mt. Vernon North A Loop | Road          | River Road                                      |
| Whatcom   | 1458.88          | Mt. Vernon North B Loop | Road          | Doran Road                                      |
| Whatcom   | 1459.59          | Mt. Vernon North B Loop | Road          | Saxon Road                                      |
| Whatcom   | 1459.88          | Mt. Vernon North B Loop | Road          | Maleng Road                                     |
| Whatcom   | 1461.21          | Mt. Vernon North B Loop | Road          | Rothenbuhler Road                               |
| Whatcom   | 1478.62          | Sumas Loop              | Road          | Leibrant Road                                   |
| Whatcom   | 1480.00          | Sumas Loop              | Road          | North Pass Road                                 |
| Whatcom   | 1481.52          | Sumas Loop              | Road          | Minaker Road                                    |
| Whatcom   | 1482.19          | Sumas Loop              | Railroad      | Chicago, Milwaukee, St. Paul & Pacific Railroad |
| Whatcom   | 1482.83          | Sumas Loop              | Road          | State Route 547                                 |

Appendix I8

**Major Roads and Railroads Crossed**

| <b>County</b> | <b>Nearest Milepost</b> | <b>Pipeline Section</b> | <b>Crossing Type</b> | <b>Road/Railroad Name<sup>a</sup></b> |
|---------------|-------------------------|-------------------------|----------------------|---------------------------------------|
| Whatcom       | 1482.99                 | Sumas Loop              | Road                 | Hillview Road                         |
| Whatcom       | 1483.85                 | Sumas Loop              | Road                 | Rock Road                             |
| Whatcom       | 1484.45                 | Sumas Loop              | Road                 | Jones Road                            |

Source: GIS and Roadway Data Office, Washington State Department of Transportation, 2012

<sup>a</sup> Major roads listed are paved roadways and do not include unpaved roads.