## **APPENDIX E**

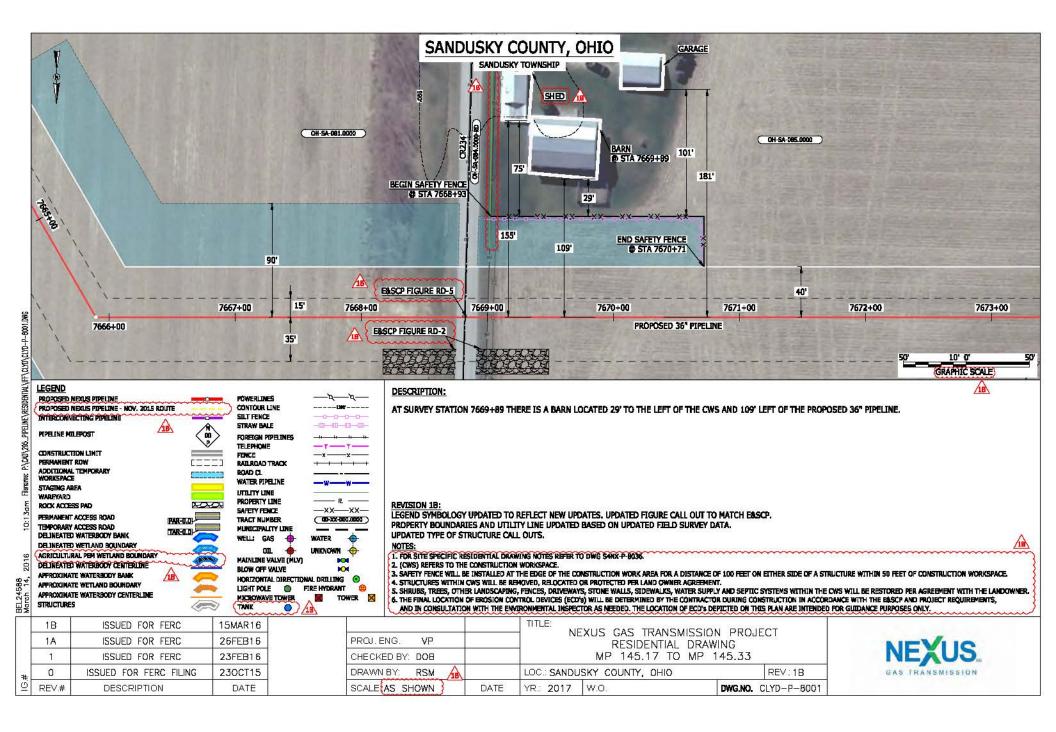
### CONSTRUCTION, RESTORATION, AND MITIGATION PLANS

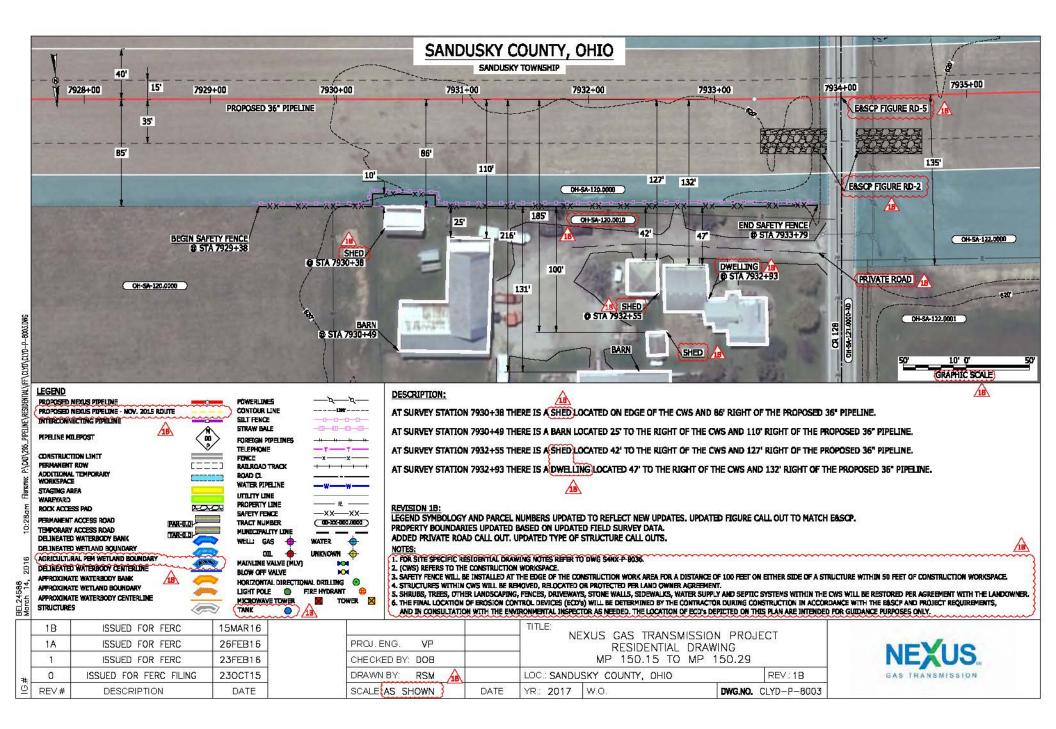
- E-1: NGT PROJECT BLASTING PLAN (in Part 1 of 2)
- E-2: TEAL PROJECT BLASTING PLAN (in Part 1 of 2)
- E-3: NGT PROJECT DRAIN TILE MITIGATION PLAN (in Part 1 of 2)
- E-4: HDD DESIGN REPORT AND HDD MONITORING AND INADVERTENT RETURN CONTINGENCY PLAN (in Part 1 of 2)
- E-5: NGT RESIDENTIAL CONSTRUCTION PLANS (in Part 2 of 2)

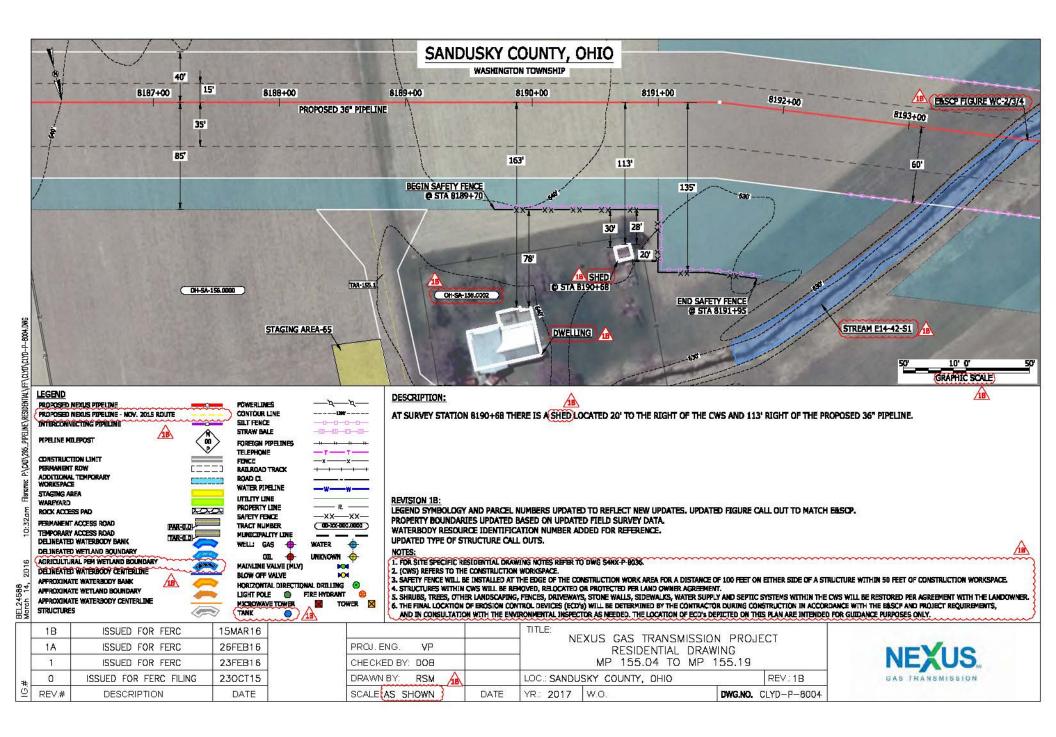
(PART 2 OF 2)

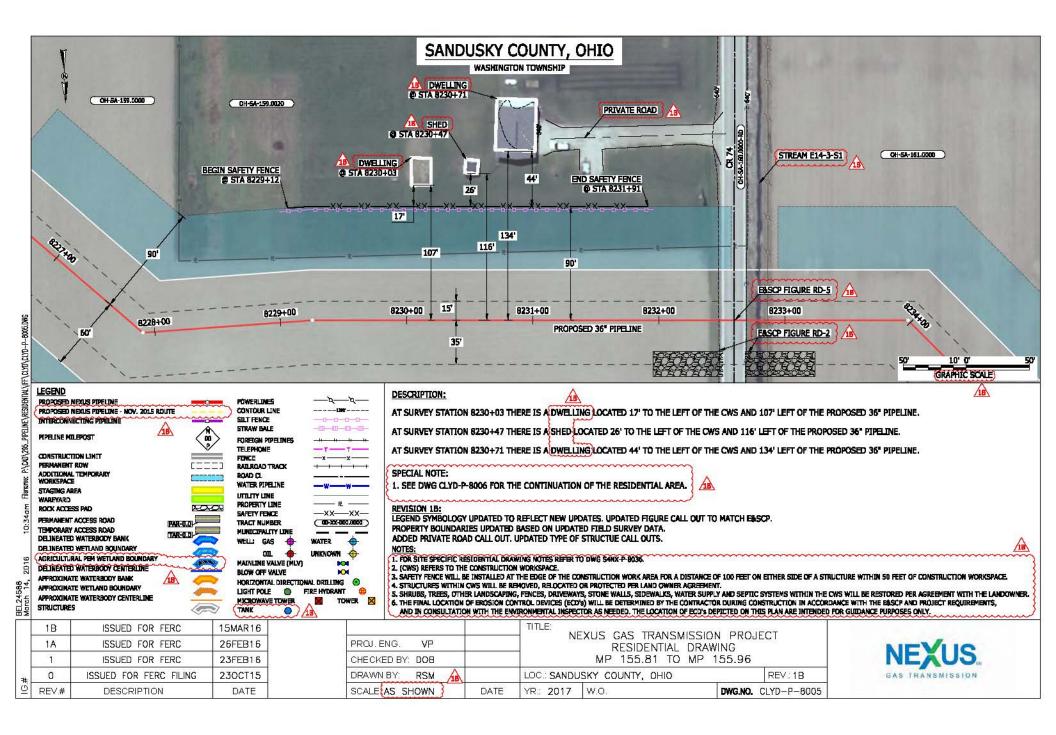
# **APPENDIX E-5**

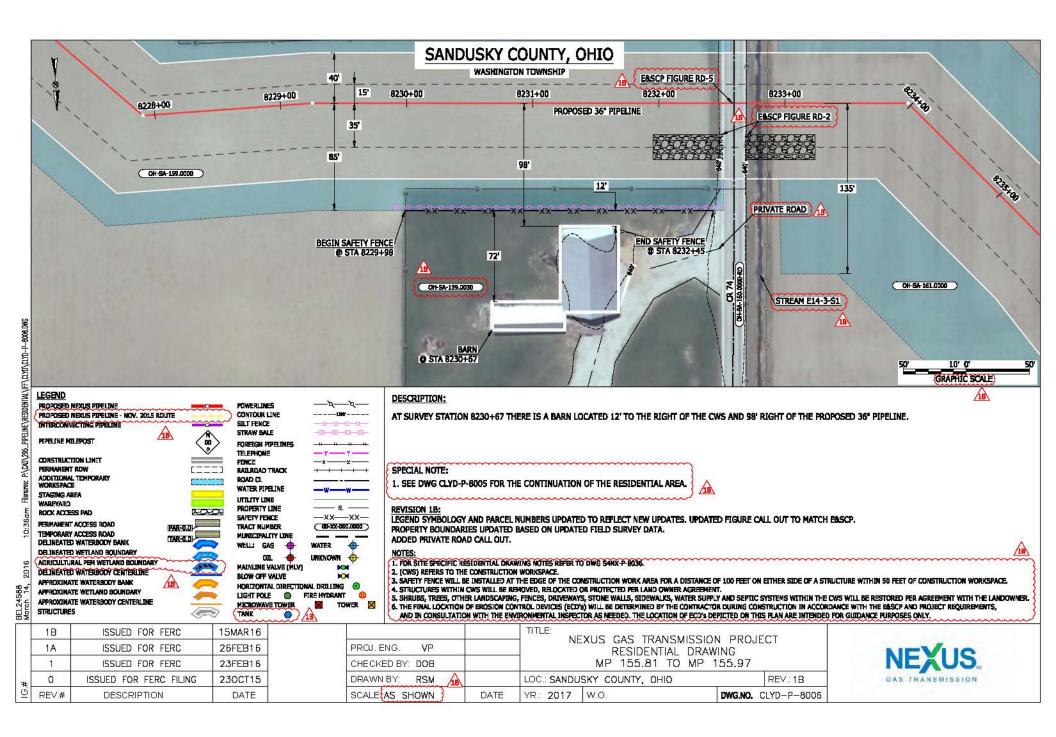
## NGT RESIDENTIAL CONSTRUCTION PLAN



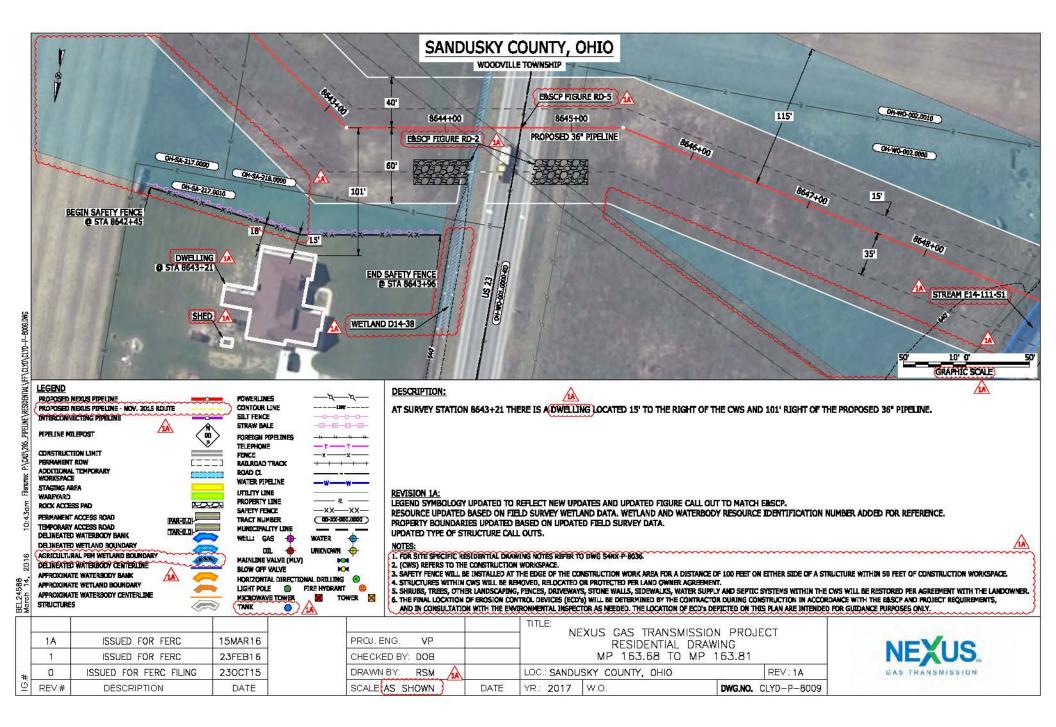


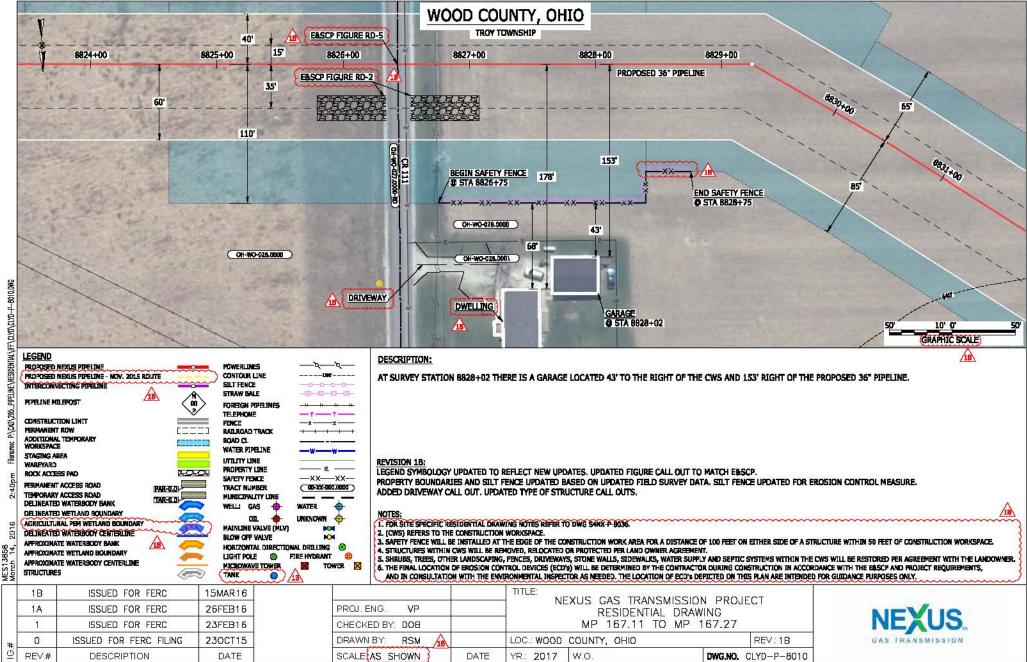


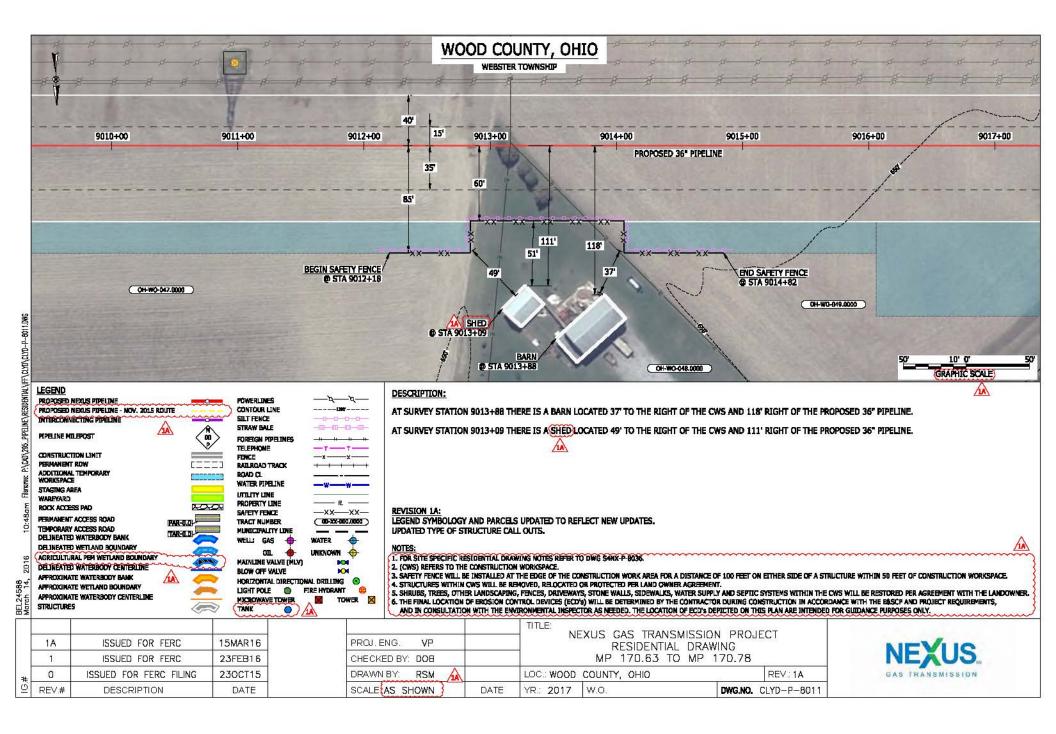


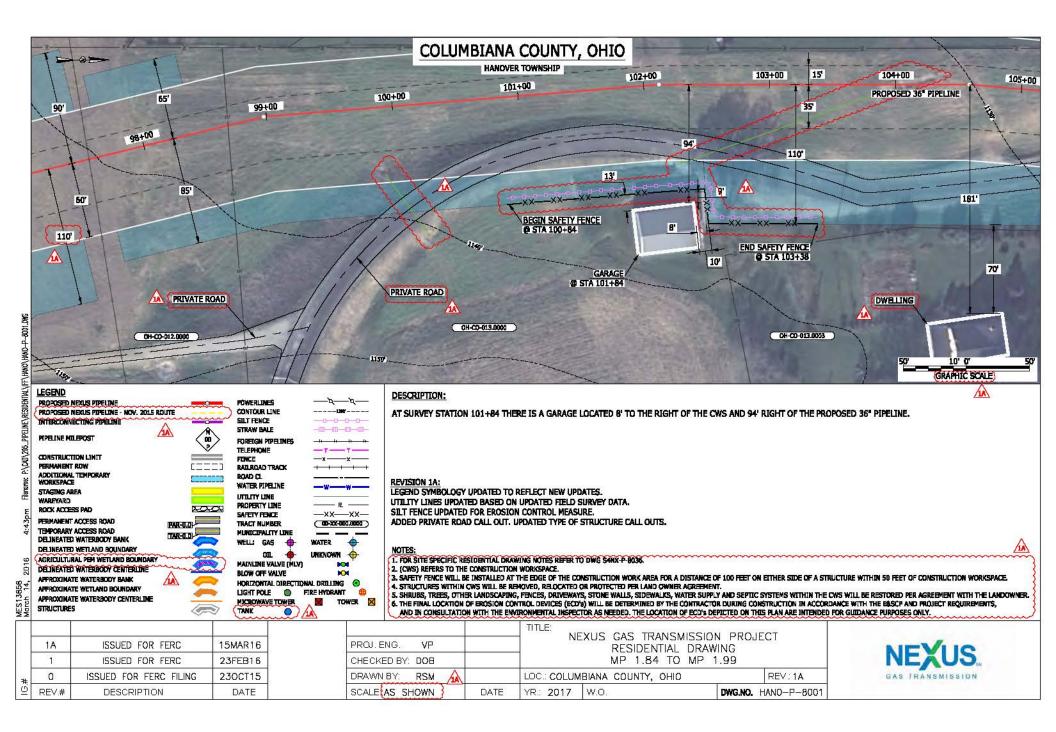


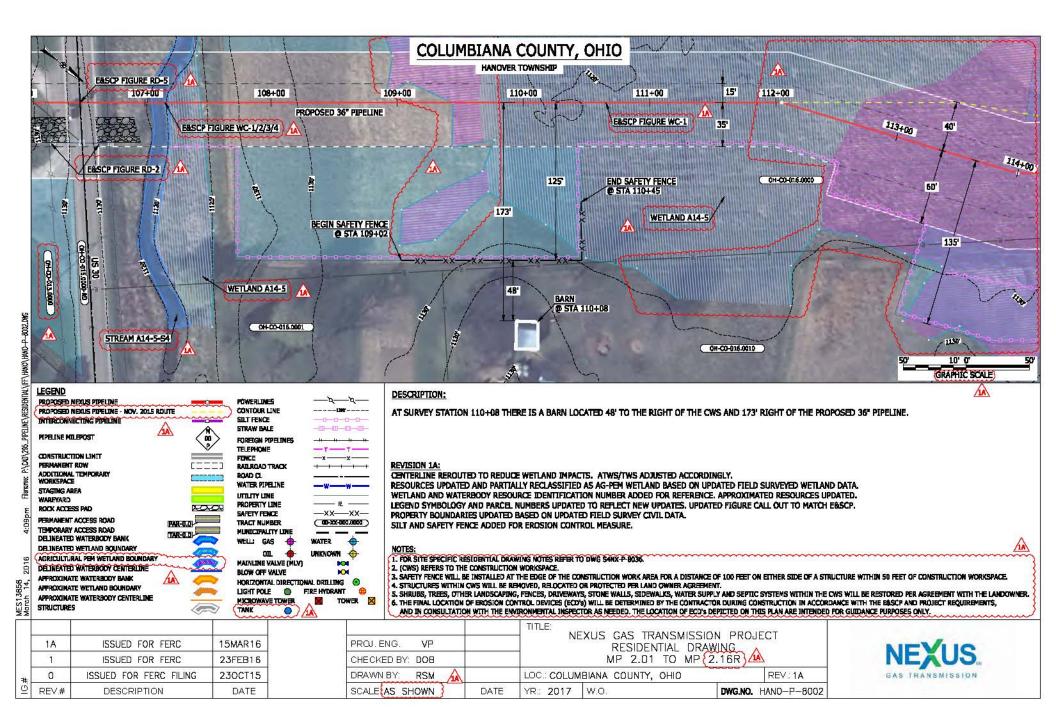
|   | SANDUSKY COUNTY, OHIO  |  |  |
|---|--|--|--|
|   | 8324+00 8325+00 8326+00 15' 8327+00  |  |  |
| B322+00 B323+00   | PROPOSED 36" PIPELINE  |  |  |
|   | 35   |  |  |
| 60' 60'   |  |  |  |
| AAAAA   | 85'  |  |  |
|   | 135' SEPTIC SYSTEM   |  |  |
|   |  |  |  |
|   |  |  |  |
|   | BEGIN SAFETY FENCE   |  |  |
|   |  |  |  |
|   |  |  |  |
|   |  |  |  |
| ¥   | ● STA 8324+95 ● 56   学 学   学   |  |  |
| WETLAND D14-41  |  |  |  |
|   |  |  |  |
|   | GARAGE GRAPHIC SCALE)  |  |  |
|   |  |  |  |
| Proposed nexus operane         Powerlands         مراح           المراح         Proposed nexus operane         Contour line       | AT SURVEY STATION 8324+95 THERE IS A DWELLING LOCATED 34' TO THE RIGHT OF THE CWS AND 169' RIGHT OF THE PROPOSED 36" PIPELINE.   |  |  |
|   |  |  |  |
|   |  |  |  |
| CONSTRUCTION LIMIT PERCE -x -x  |  |  |  |
| ADOTTIONAL TEMPORARY ROAD CL  |  |  |  |
| E SURAINE ANCH<br>WAREYARD UTILITY LINEE<br>E ROCK ACCESS PAD RECEVEN   | REVISION 1B:<br>LEGEND SYMBOLOGY UPDATED TO REFLECT NEW UPDATES. UPDATED FIGURE CALL OUT TO MATCH E&SCP.   |  |  |
| PERMANENT ACCESS ROAD FAR-UD TRACT NUMBER (05-XX-0000000)   | PROPERTY BOUNDARIES, FOREIGN PIPELINE AND SEWER LINE UPDATED BASED ON UPDATED FIELD SURVEY DATA.<br>WETLAND RESOURCE IDENTIFICATION NUMBER AND SEPTIC SYSTEM CALLOUT ADDED FOR REFERENCE.  |  |  |
| CHARGED ALCESS ROAD MURDERALTY LINE   | UPDATED TYPE OF STRUCTURE CALL OUTS.   |  |  |
|   | NOTES:<br>{ 1. FOR SITE SPECIFIC RESIDENTIAL DRAWING NOTES REFER TO DWG SANK P 8036.   |  |  |
|   | 2. (CMS) REFERS TO THE CONSTRUCTION WORKSPACE.   |  |  |
| APPROXIMATE WETLAND BOUNDARY  | 4. STRUCTURES WITHIN CWS WILL BE REMOVED, RELOCATED OR PROTECTED PER LAND OWNER AGREEMENT.<br>5. SHRUBS, TREES, OTHER LANDSCAPING, FENCES, DRIVEWAYS, STORE WALLS, STOREWALLS, WATER SUPPLY AND SEPTIC SYSTEMS WITHIN THE CWS WILL BE RESTORED PER AGREEMENT WITH THE LANDOWNER.<br>4. THE FUNCTION OF EXAMPLE AND THE CANADACTION OF THE DESTINATION OF THE CANADACTION OF THE CANADACTION OF THE CANADACTION OF THE DESCRIPTION OF THE DESCRIPTIO |  |  |
|   | 6. THE FINAL LOCATION OF BROSION CONTROL DEVICES (ECD'S) WILL BE DETERMINED BY THE CONTRACTOR DURING CONSTRUCTION IN ACCORDANCE WITH THE EASCP AND PROJECT REQUIREMENTS,<br>AND IN CONSULTATION WITH THE ENVIRONMENTAL INSPECTOR AS NEEDED. THE LOCATION OF ECD'S DEPICTED ON THIS PLAN ARE INTENDED FOR GUIDANCE PURPOSES ONLY.   |  |  |
| 1B ISSUED FOR FERC 15MAR16  | TITLE:<br>NEXUS GAS TRANSMISSION PROJECT   |  |  |
| 1A ISSUED FOR FERC 26FEB16 PROJ.E   | NG. VP RESIDENTIAL DRAWING NEVIC   |  |  |
|   | ED BY: DOB MP 157.6 TO MP 157.73 NEADO   |  |  |
| 1         ISSUED FOR FERC         23FEB16         CHECKI           0         ISSUED FOR FERC FILING         23OCT15         DRAWN |  |  |  |

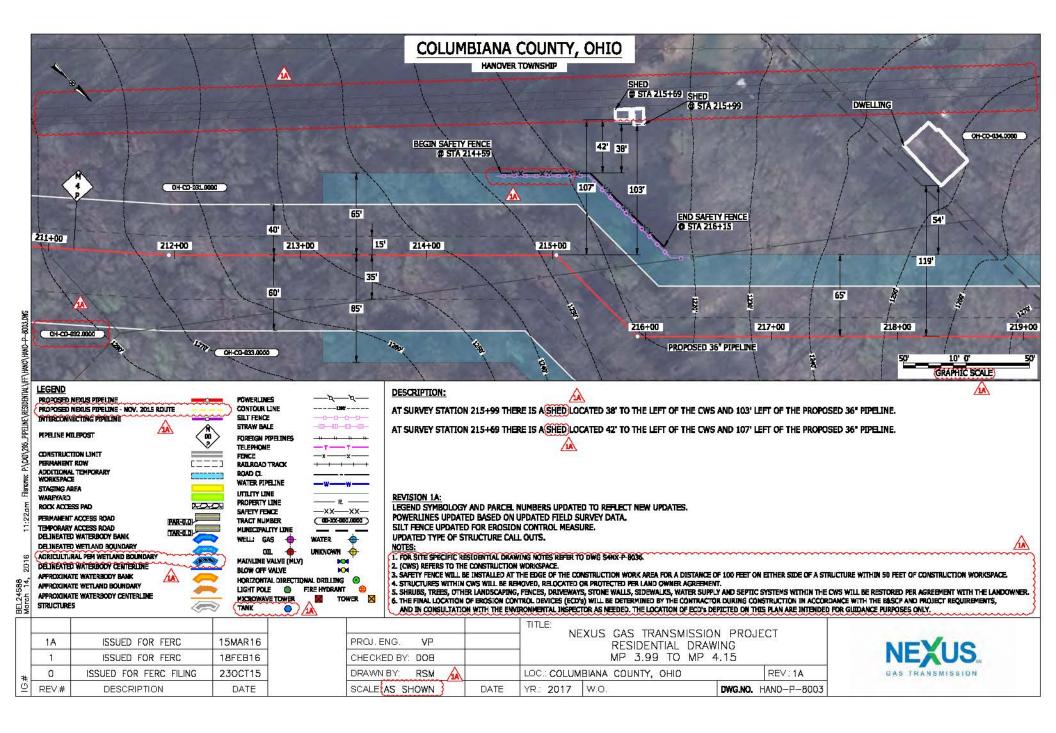


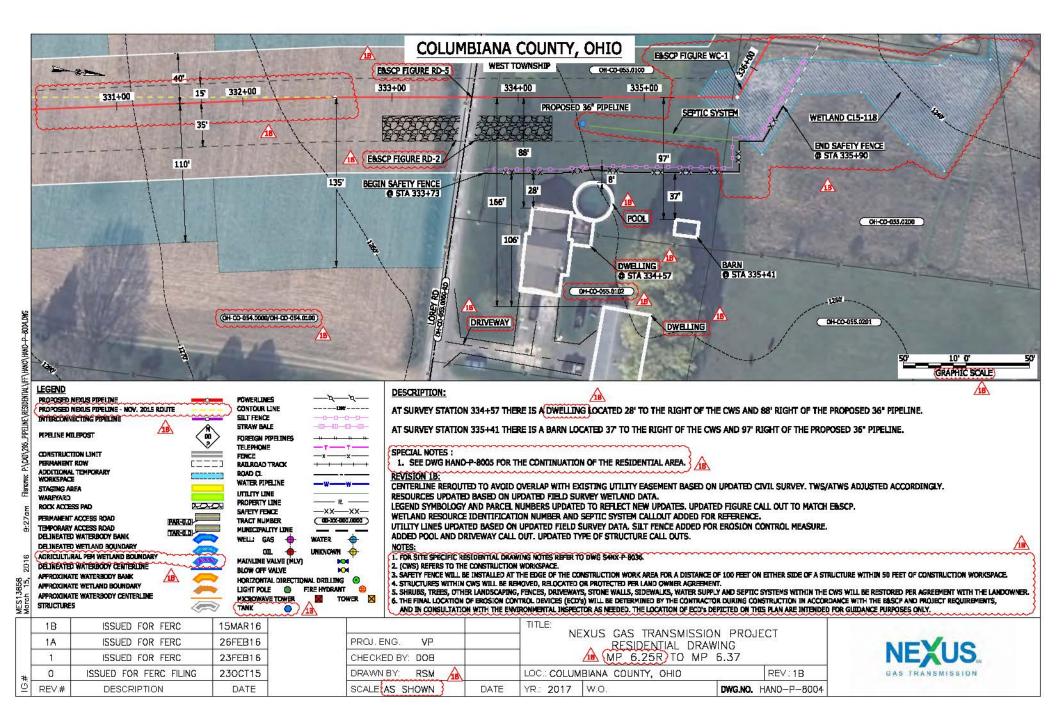


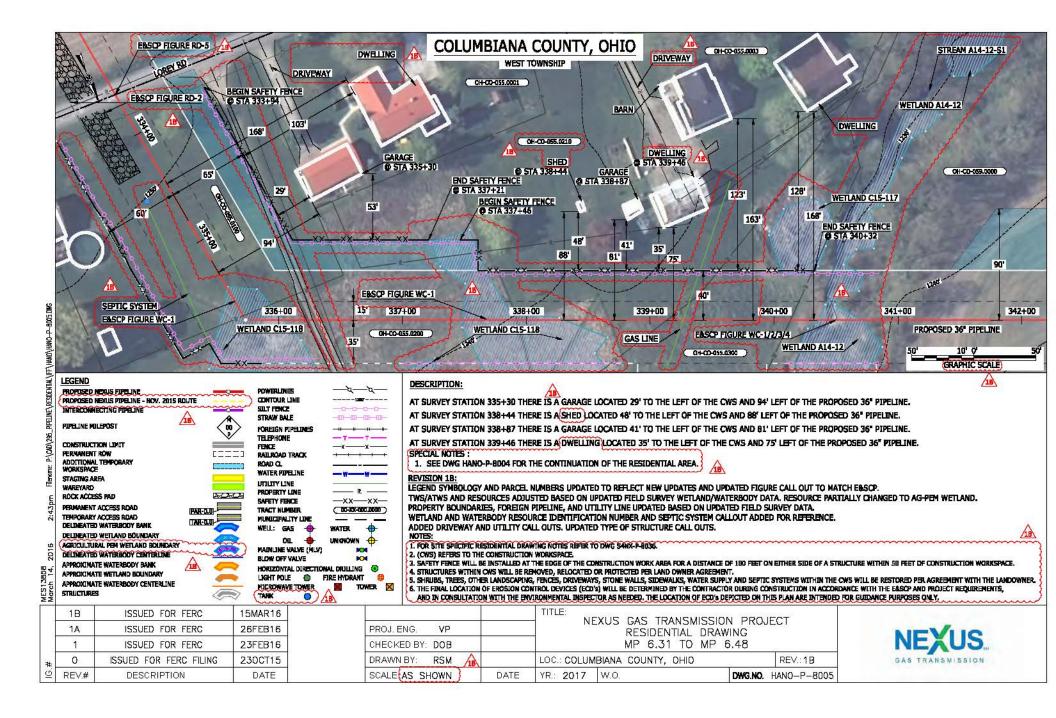


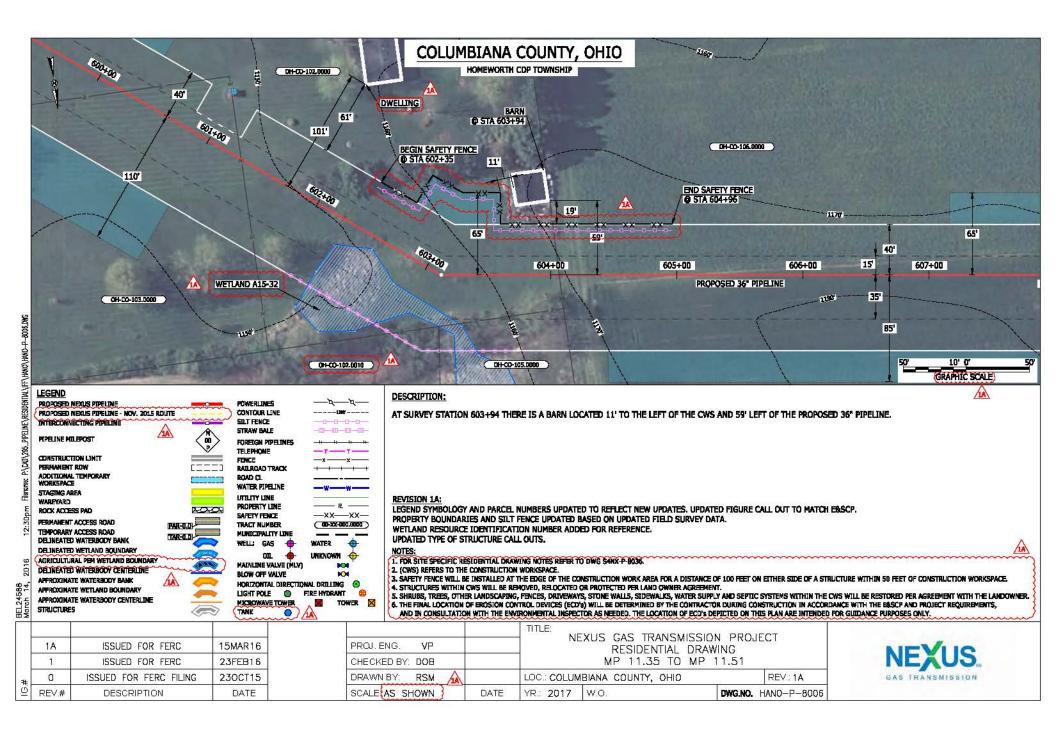


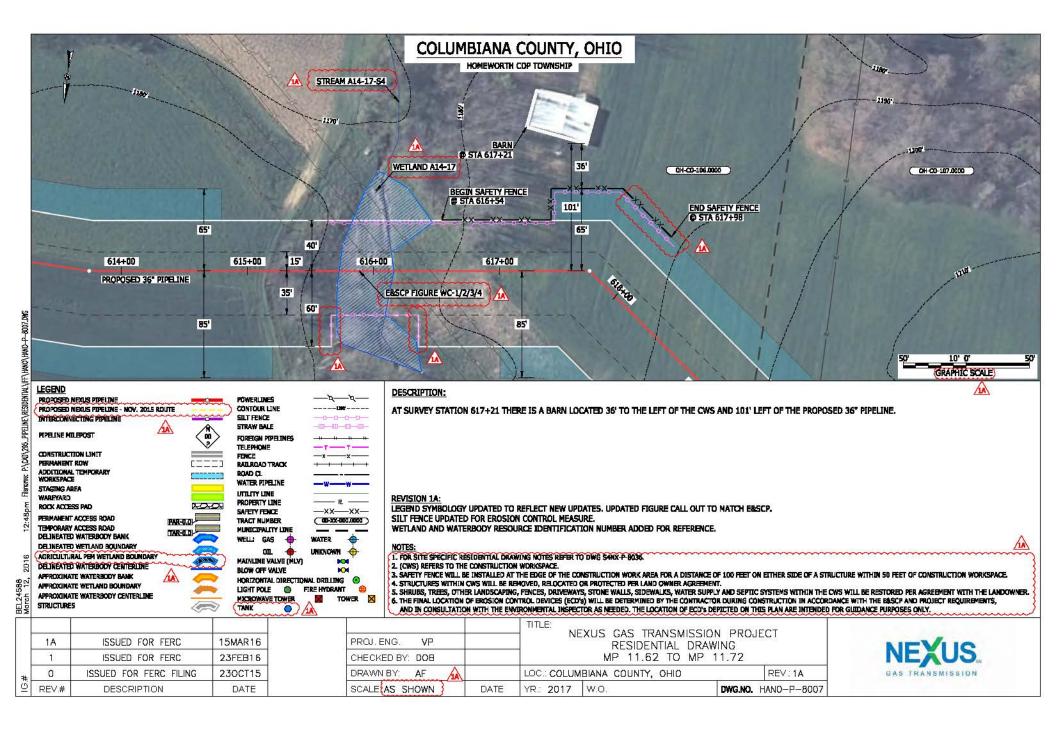




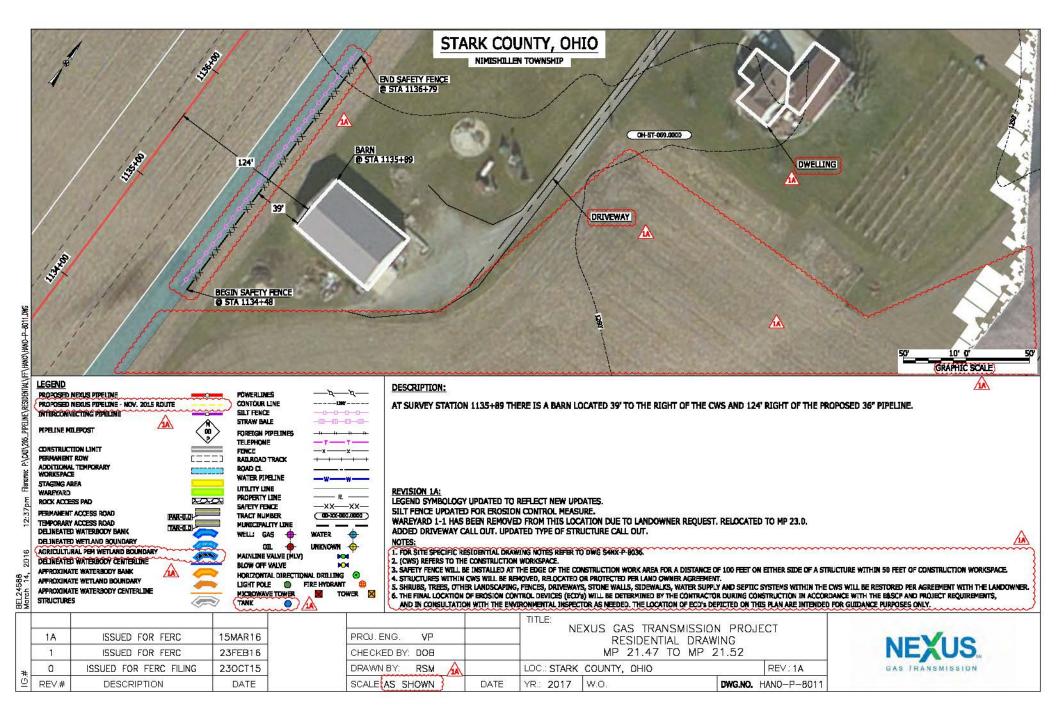


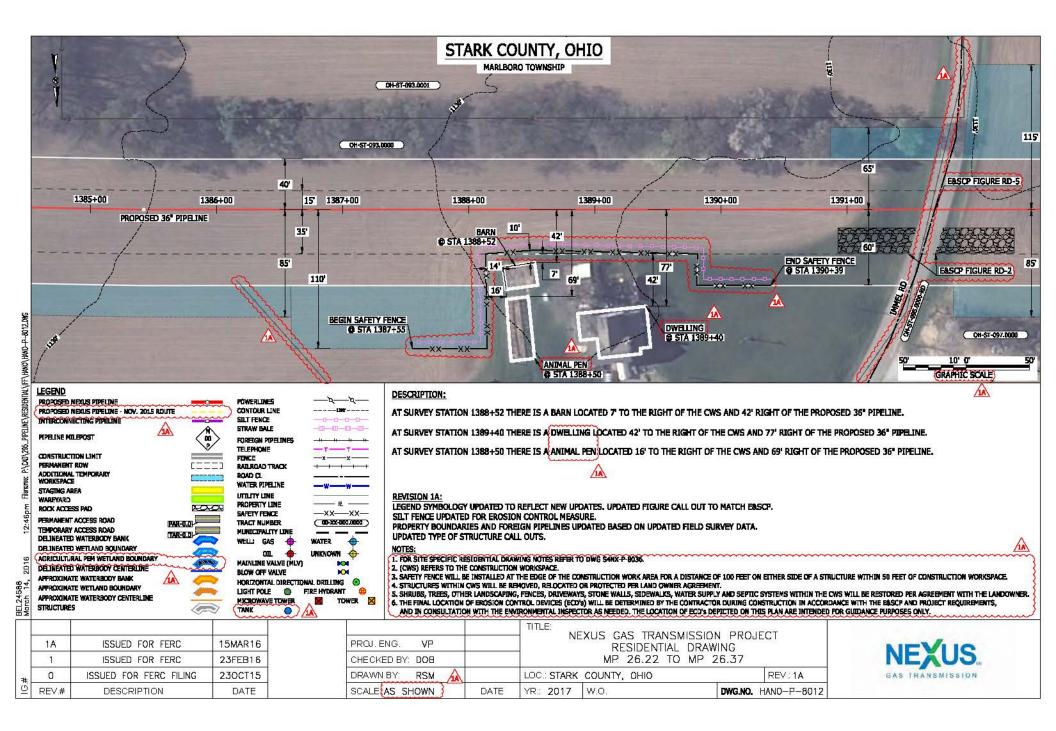


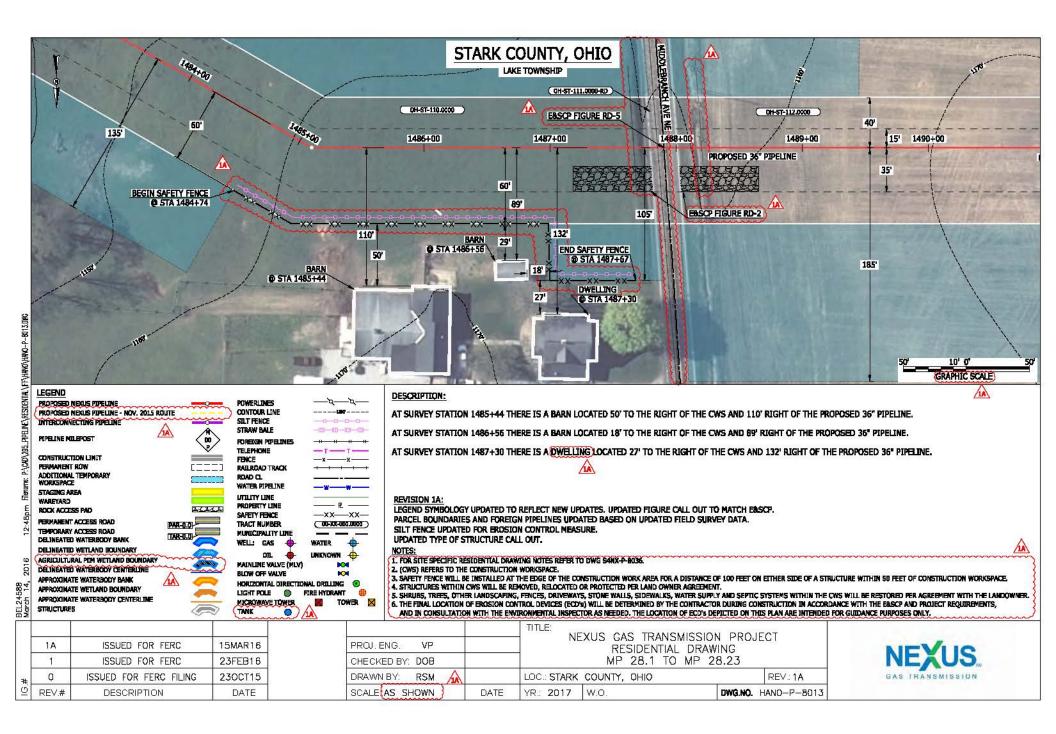


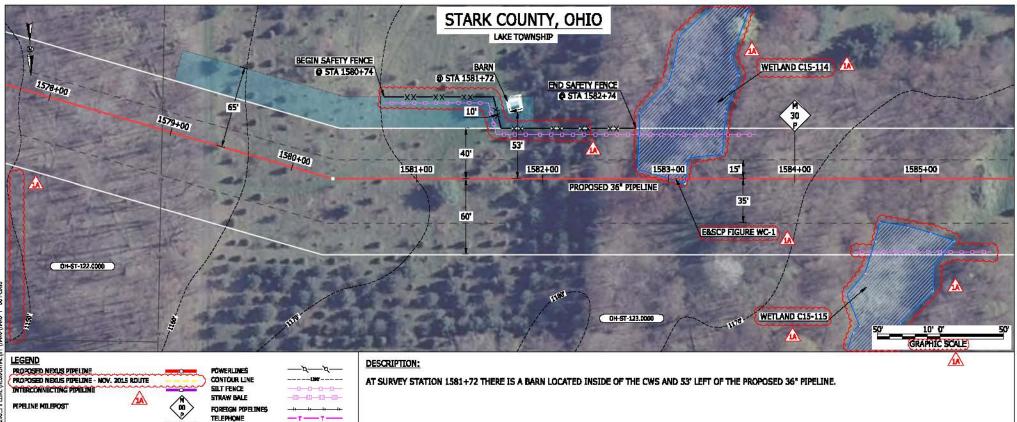


| DRIVEWAY<br>OH-ST-OHLODO<br>DRIVEWAY<br>OH-ST-OHLODO<br>BEGIN SAFETY FENCE<br>Q STA 969+20<br>SY   |  |
|--|--|
| Image: State of the state |  |









#### **REVISION LA:**

LEGEND SYMBOLOGY AND PARCEL NUMBERS UPDATED TO REFLECT NEW UPDATES. UPDATED FIGURE CALL OUT TO MATCH E&SCP. RESOURCES AND APPROXIMATED RESOURCES UPDATED BASED ON WETLAND/WATERBODY FIELD SURVEY. TWS AND PROPERTY BOUNDARIES UPDATED BASED ON UPDATED FIELD SURVEY DATA. SILT FENCE UPDATED FOR EROSION CONTROL MEASURE. WETLAND RESOURCE IDENTIFICATION NUMBER ADDED FOR REFERENCE. NOTES: 1. FOR SITE SPECIFIC RESIDENTIAL DRAWING NOTES REFER TO DWG SANX-P-BO36.

MP 29.88 TO MP 30.03

REV:1A

DWG.NO. HANO-P-8014

#### 2. (CWS) REFERS TO THE CONSTRUCTION WORKSPACE.

DATE

BLOW OFF VALVE 1O 3. SAFETY FENCE WILL BE INSTALLED AT THE EDGE OF THE CONSTRUCTION WORK AREA FOR A DISTANCE OF 100 FEET ON EITHER SIDE OF A STRUCTURE WITHIN 50 FEET OF CONSTRUCTION WORKSPACE. HORIZONTAL DIRECTIONAL DRILLING 📀 4. STRUCTURES WITHIN CWS WILL BE REMOVED, RELOCATED OR PROTECTED PER LAND OWNER AGREEMENT. LIGHT POLE () FIRE HYDRANT A TOWER X MIXINGWAVE TOWER X TANK 0

CHECKED BY: DOB

SCALE AS SHOWN

RSM

DRAWN BY:

-----

WATER

-xx--xx-

( 00-XX-000.0000 )

UNKNOWN

FENCE

ROAD CI

2020

PAR-0.0

TAR-0

11

ISSUED FOR FERC

ISSUED FOR FERC

ISSUED FOR FERC FILING

DESCRIPTION

RAILROAD TRACK

WATER PIPELINE

UTILITY LINE

PROPERTY LINE

SAFETY FEWE

TRACT NUMBER

WELL: GAS

15MAR16

23FFB16

230CT15

DATE

MUNICIPALITY LINE

OIL.

MAINLINE VALVE (MLV)

AGRICULTURAL PEM WETLAND BOUNDARY 2016 DELINEATED WATERBODY CENTERLINE APPROXIMATE WATERBODY BANK BEL24588 March 12. APPROXIMATE WETLAND BOUNDARY APPROXIMATE WATERBODY CENTERLINE STRUCTURES

1A

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REV.#

Q

CONSTRUCTION LINT

ADDITIONAL TEMPORARY

PERMANENT ACCESS ROAD

TEMPORARY ACCESS ROAD

DELINEATED WATERBODY BANK

DELINEATED WETLAND BOUNDARY

PERMANENT ROW

ROCK ACCESS PAD

WORKSPACE

WAREVARD

STAGING AREA

| r 🌐<br>Wer 🛛 | 5. SHRUBS, TREES, OT<br>6. THE FINAL LOCATIO | HER LANDSCAPING, FENCES, DR<br>N OF EROSION CONTROL DEVICE | WIEWAYS, STONE WALLS, SIDEWALKS, WATER SUPPLY AND SEPTIC SYSTEMS WITHIN THE C<br>S (ECD'9) WILL BE DETERMINED BY THE CONTRACTOR DURING CONSTRUCTION IN ACCORD<br>INSPECTOR AS NEEDED. THE LOCATION OF ECD'8 DEPICTED ON THIS PLAN ARE INTENDED | NANCE WITH THE EASCP AND PROJECT REQUIREMENTS, |
|--------------|--|--|--|--|
|              | 21.01  | TITLE:   | NEXUS GAS TRANSMISSION PROJECT   |  |
| PROJ.        | ENG. VP                                      |  | RESIDENTIAL DRAWING  | NEVUC  |

| N   | FYUS         |
|-----|--------------|
|     | LV00"        |
| GAS | TRANSMISSION |

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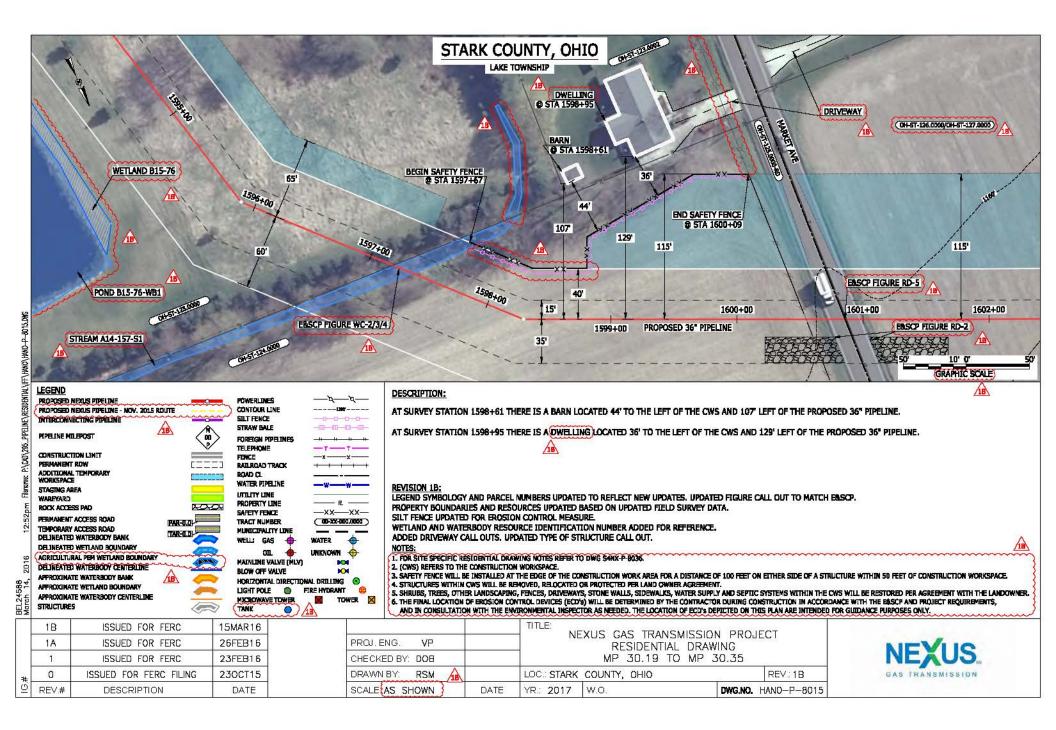
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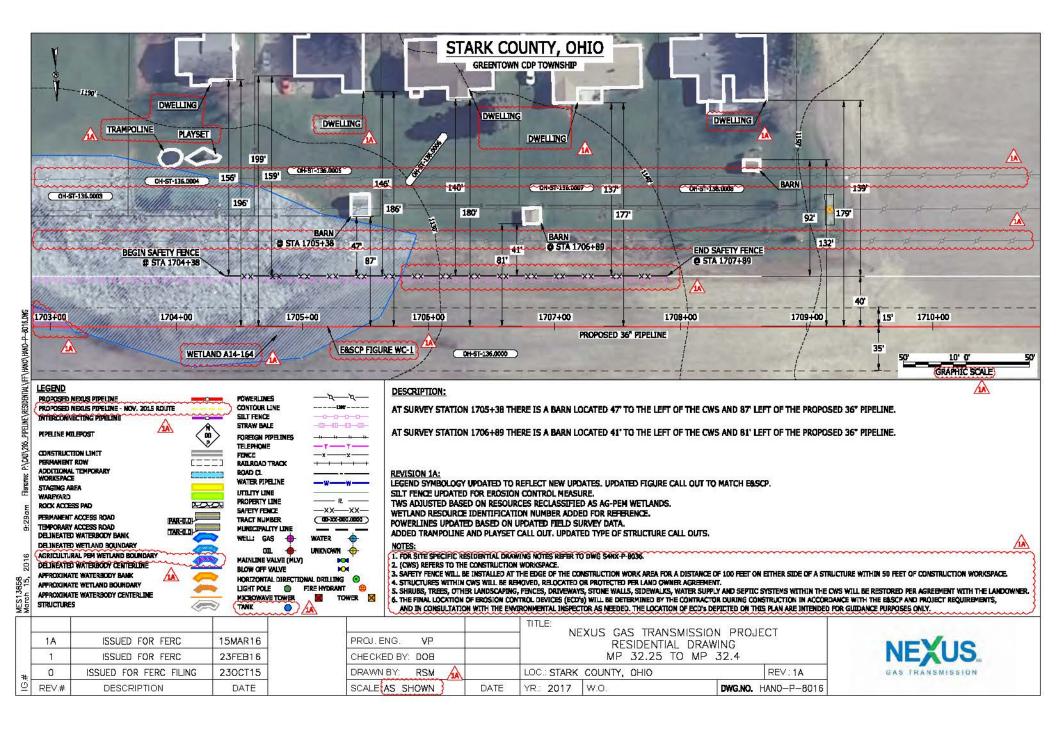
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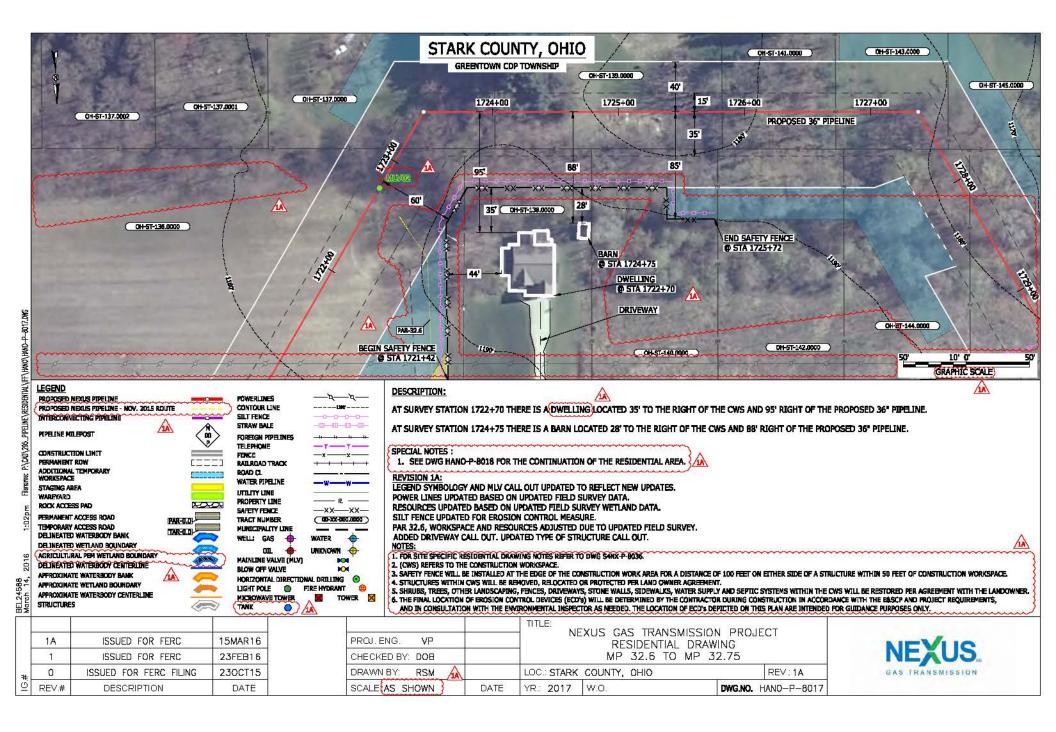
YR.: 2017

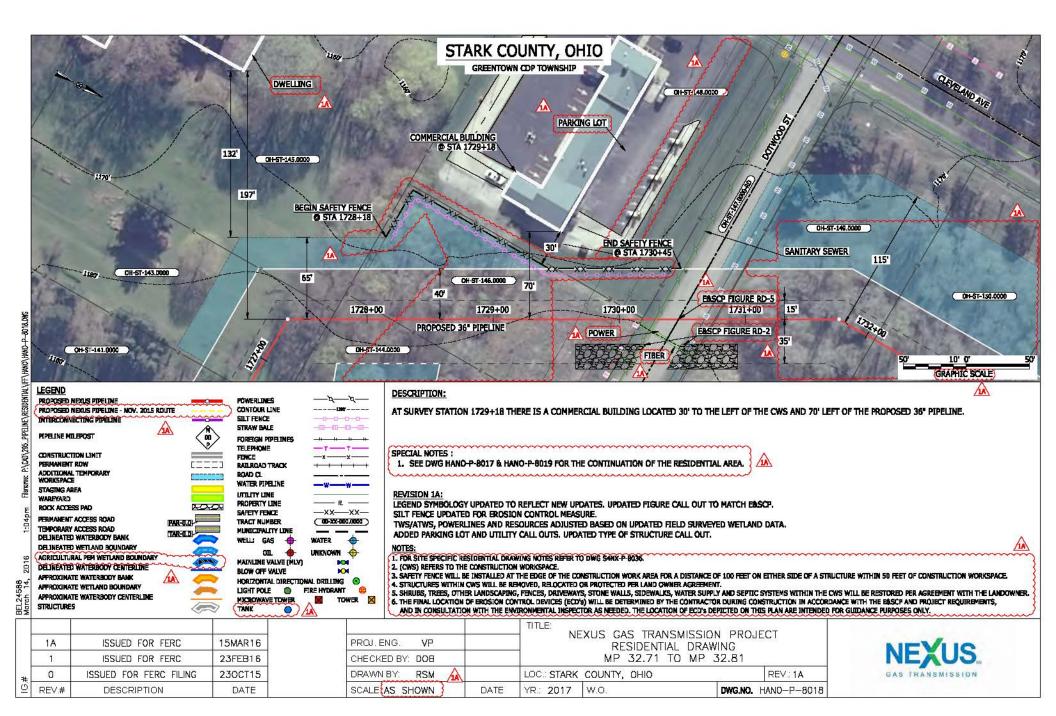
LOC .: STARK COUNTY, OHIO

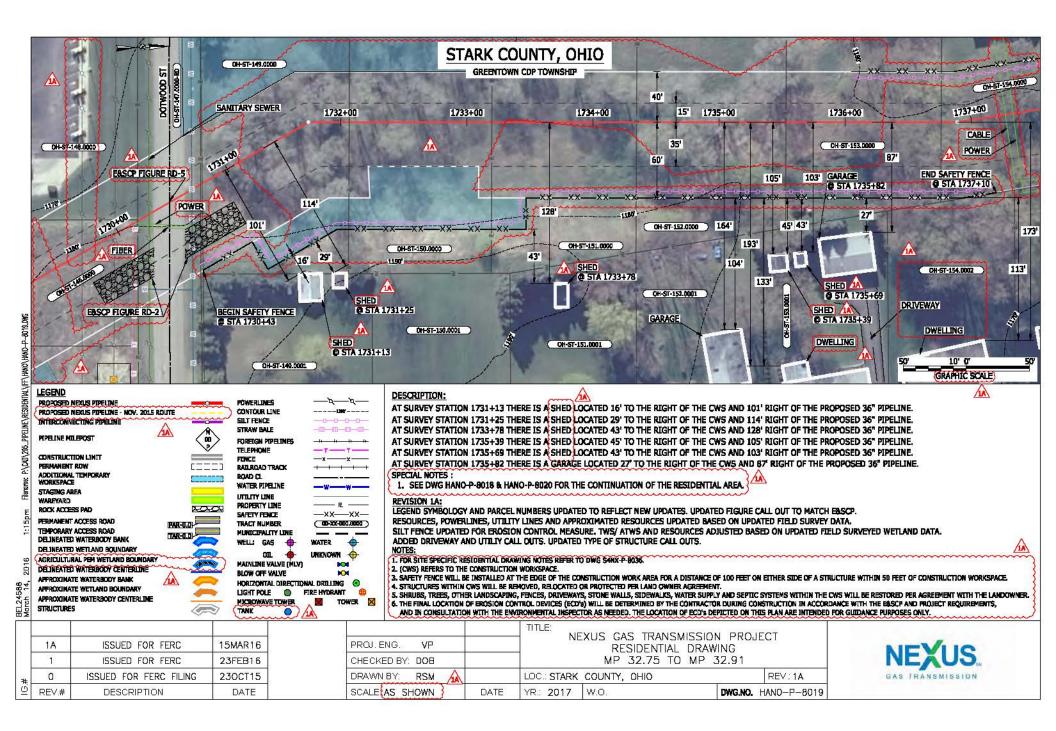
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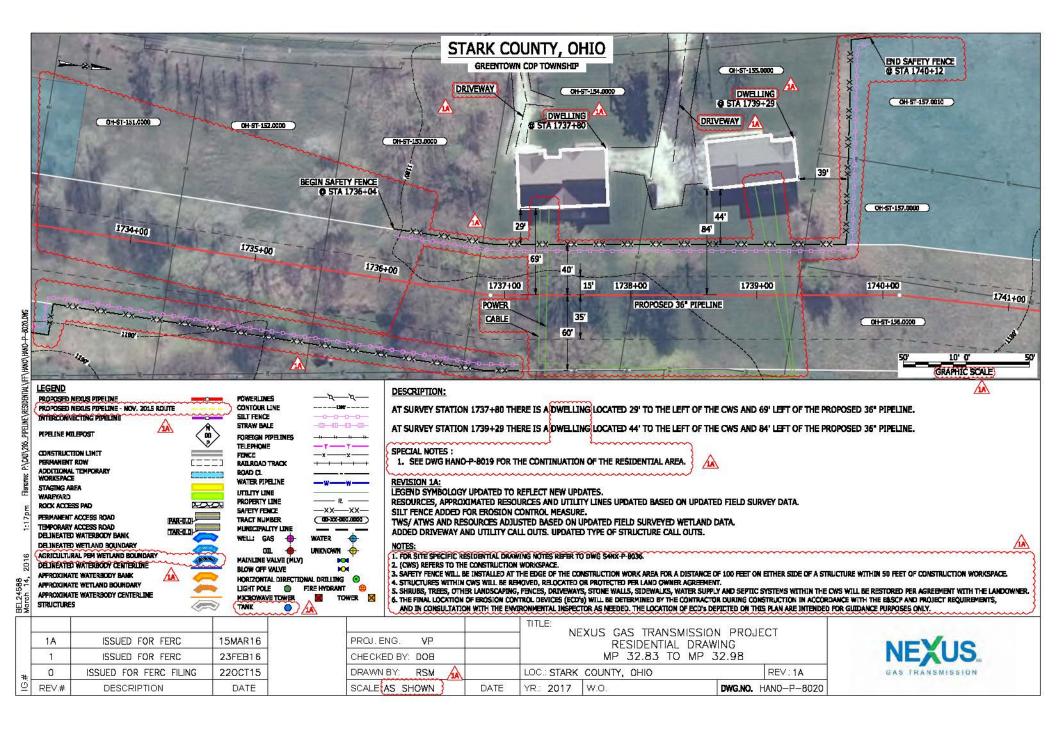


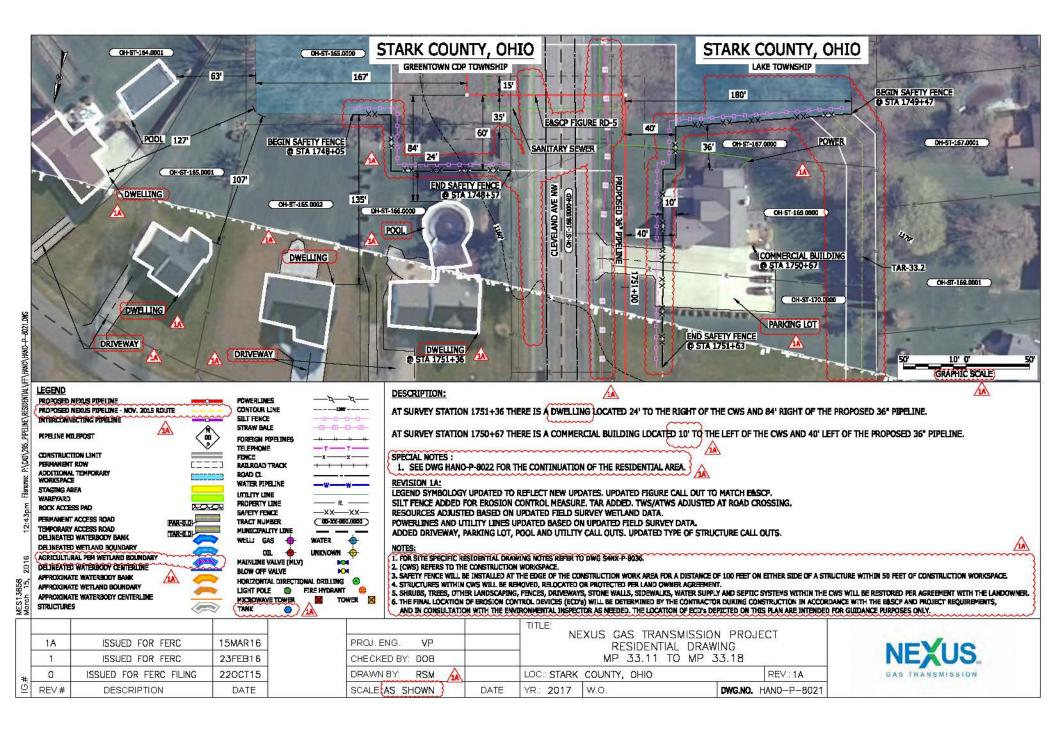


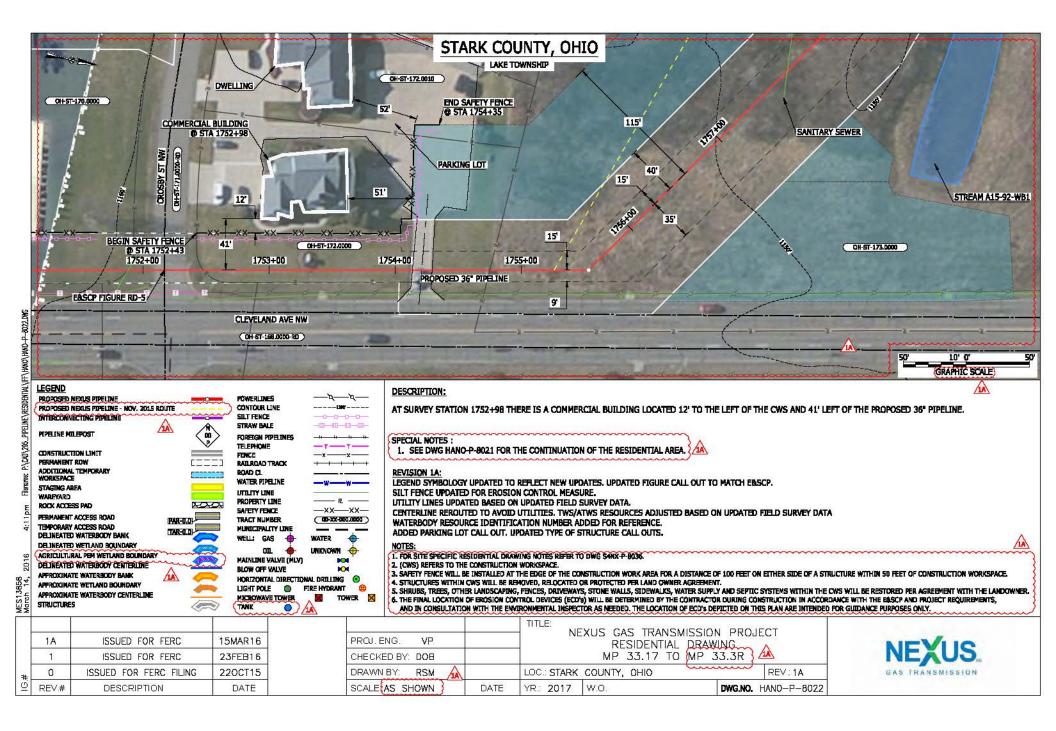


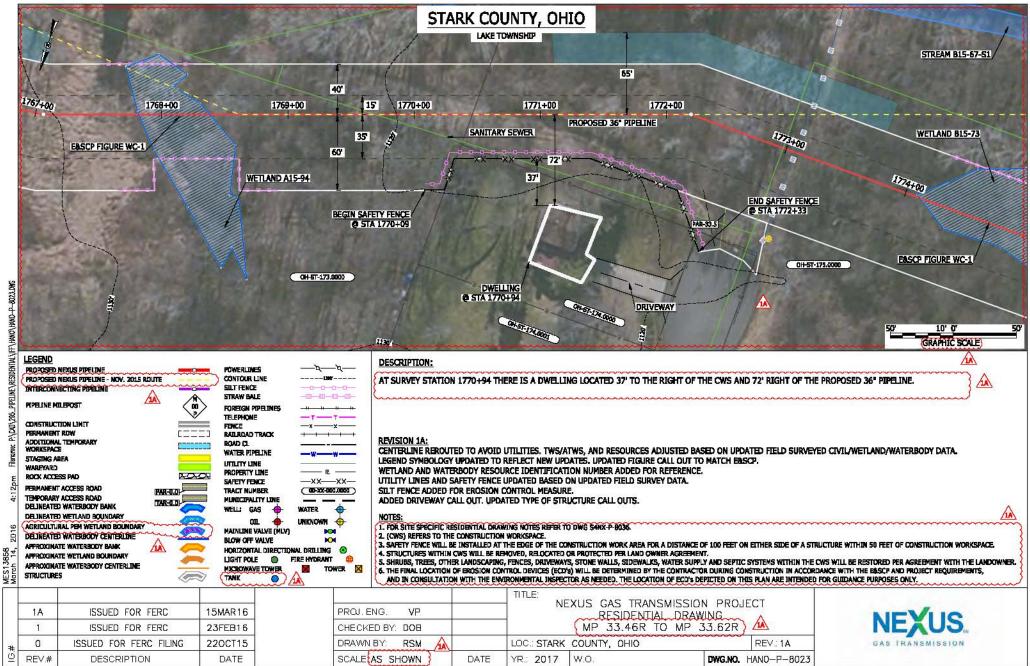


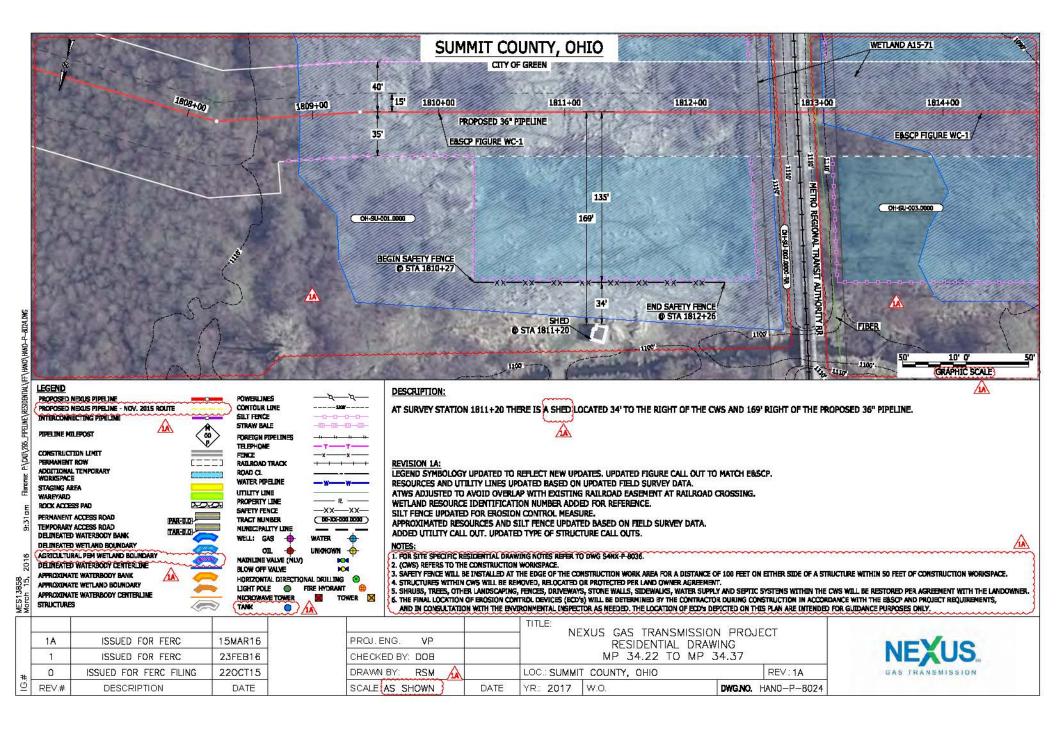


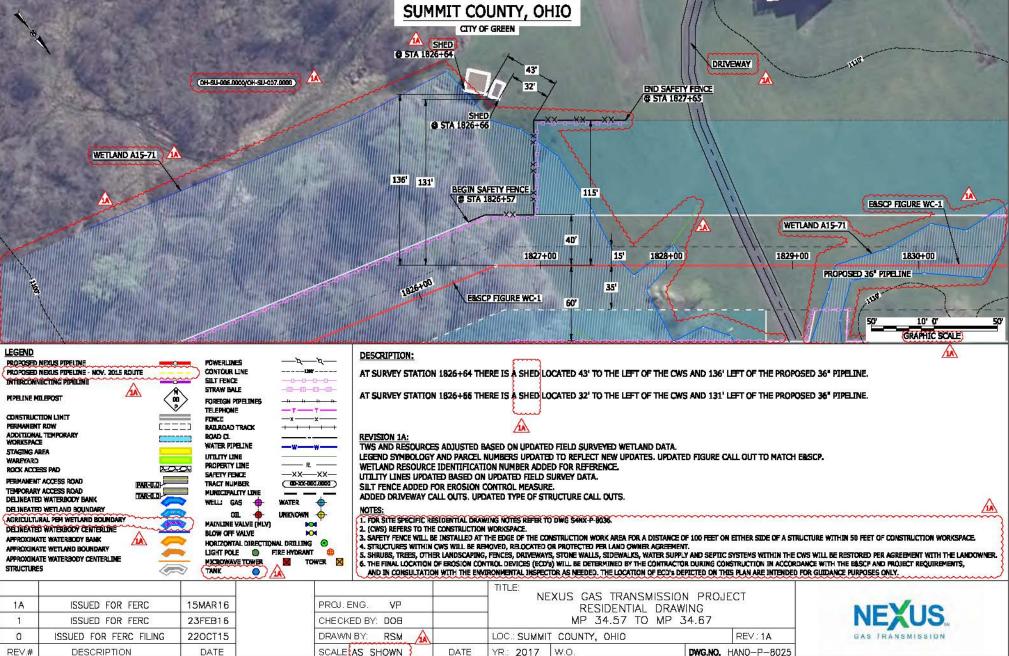










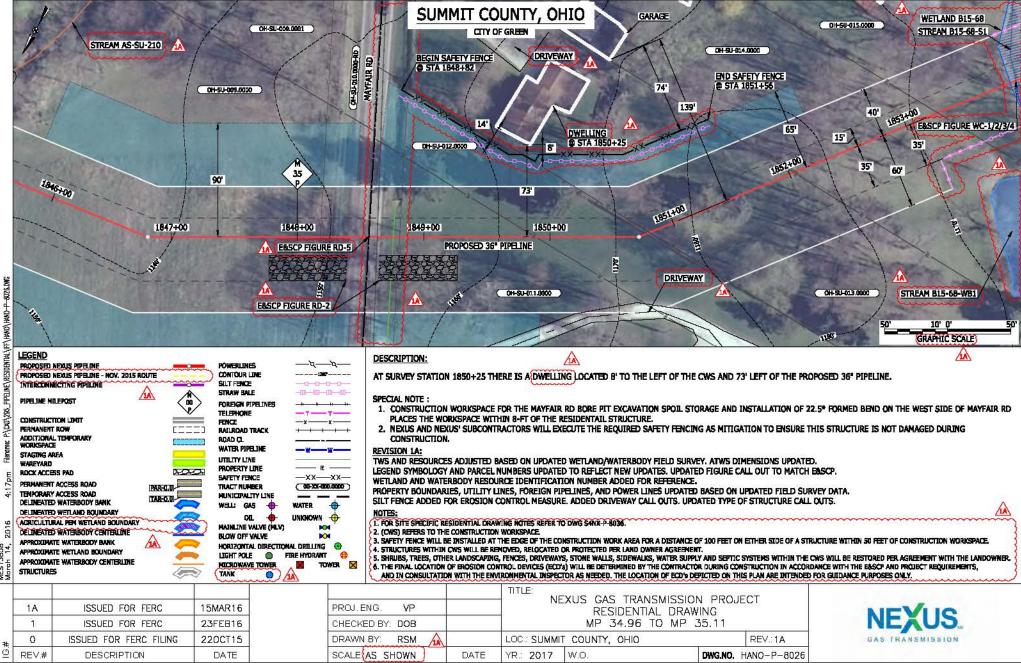


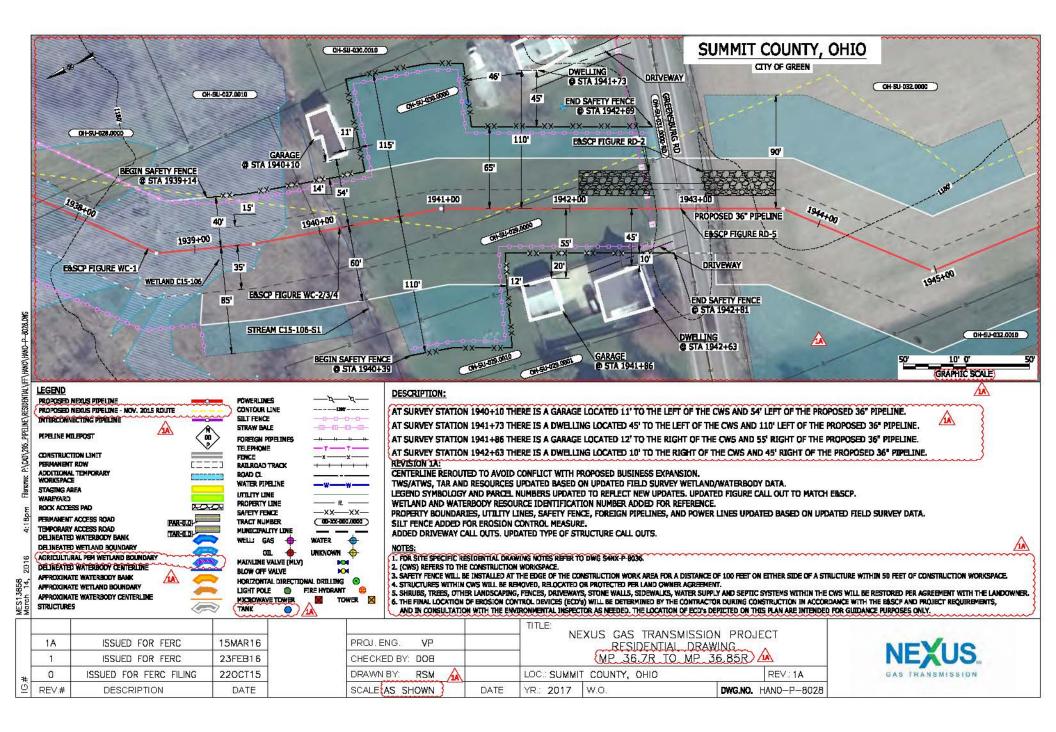
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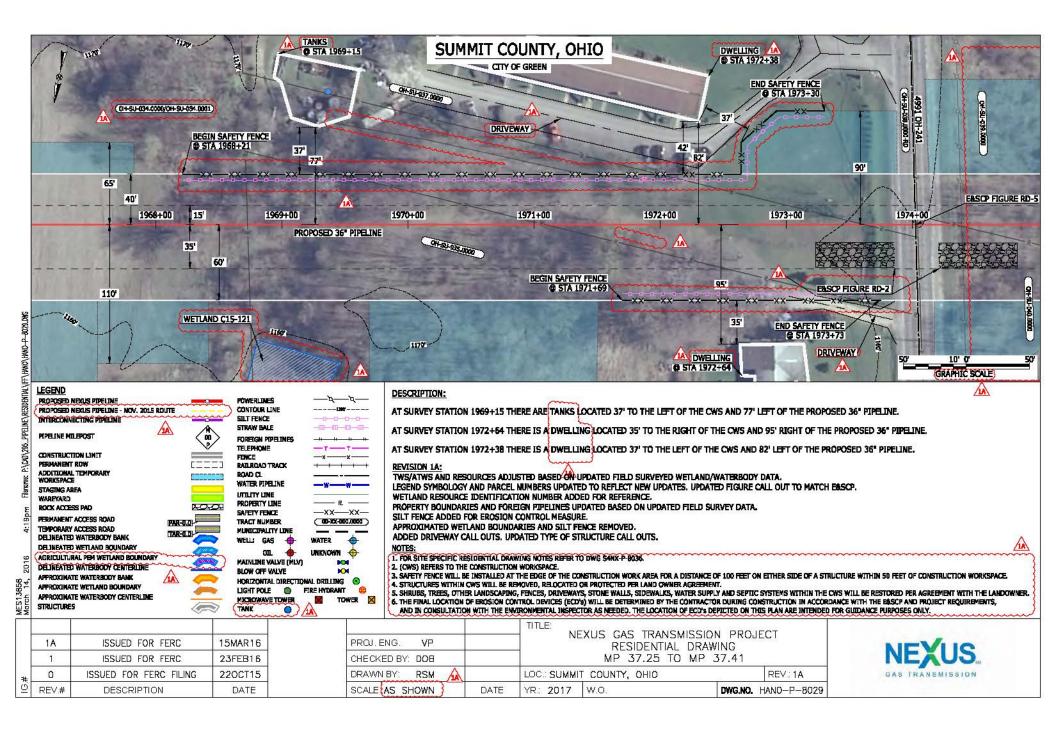
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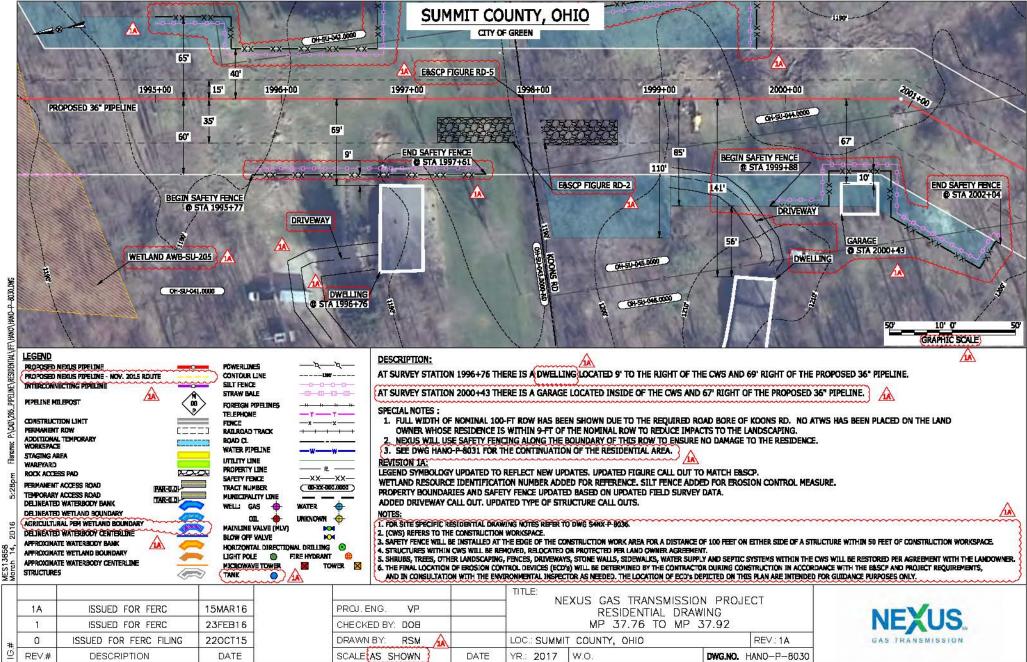
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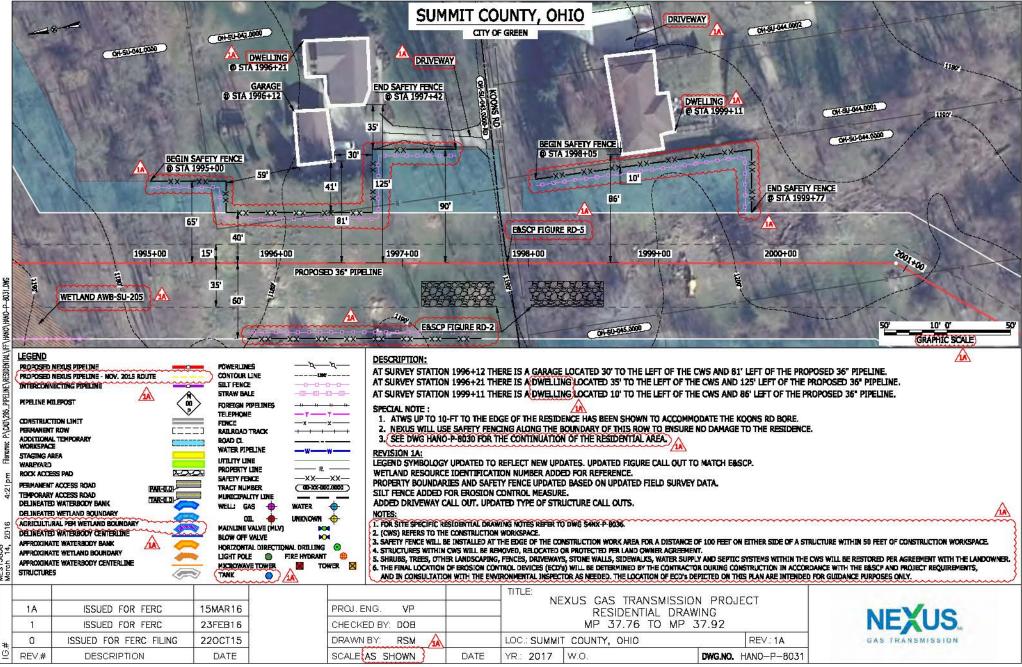
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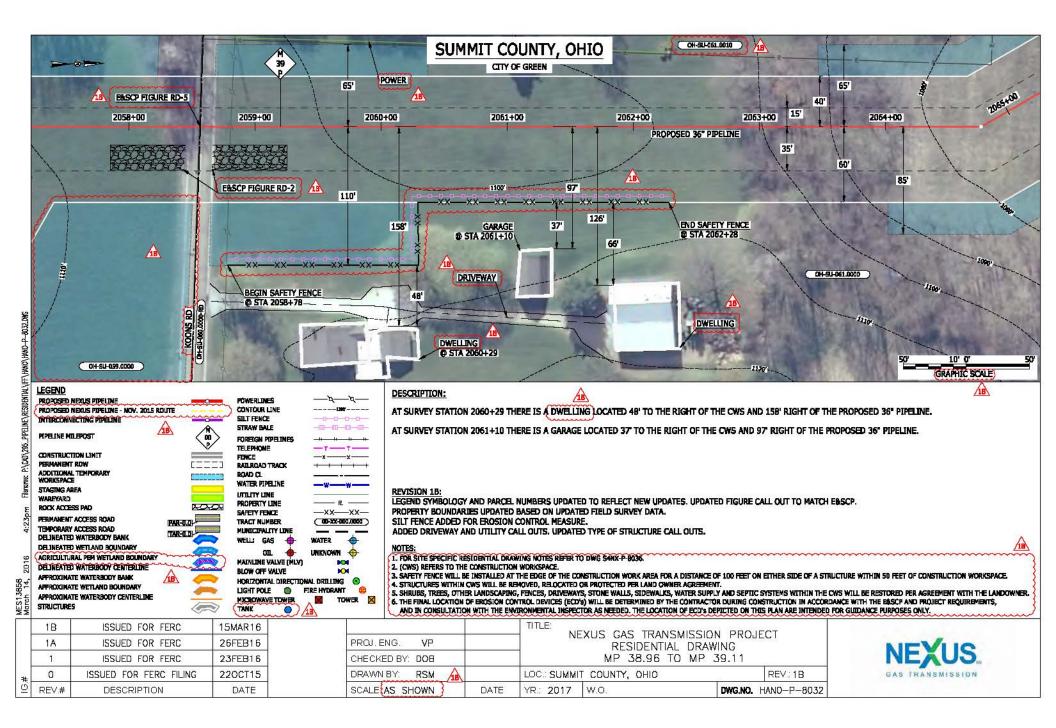


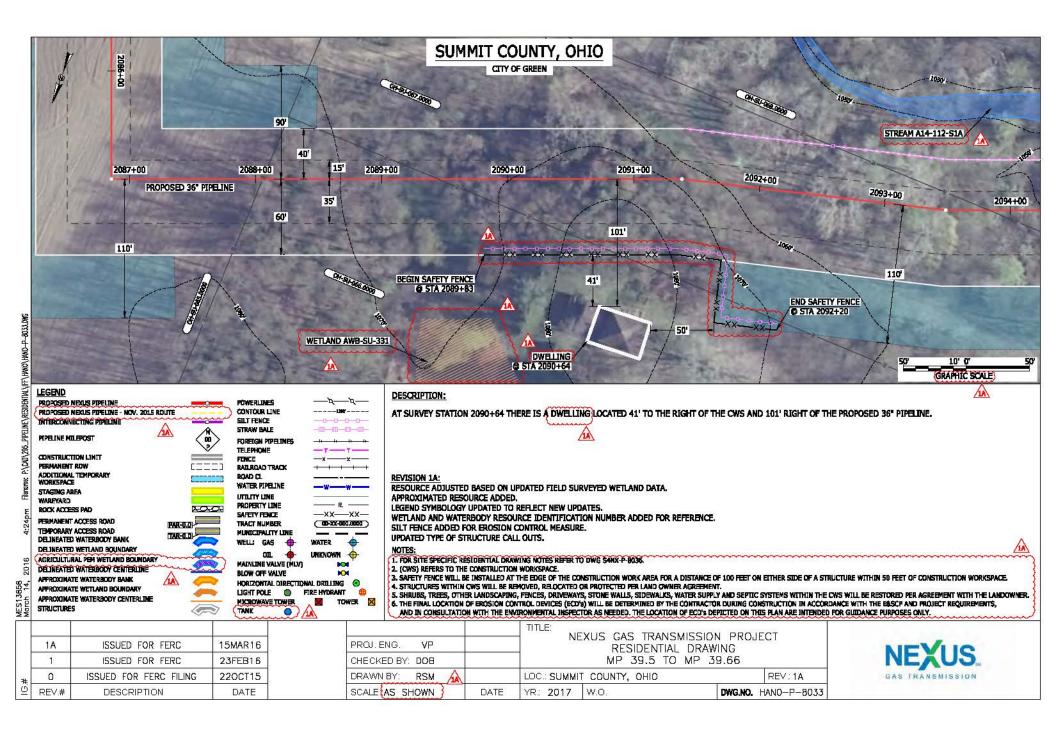


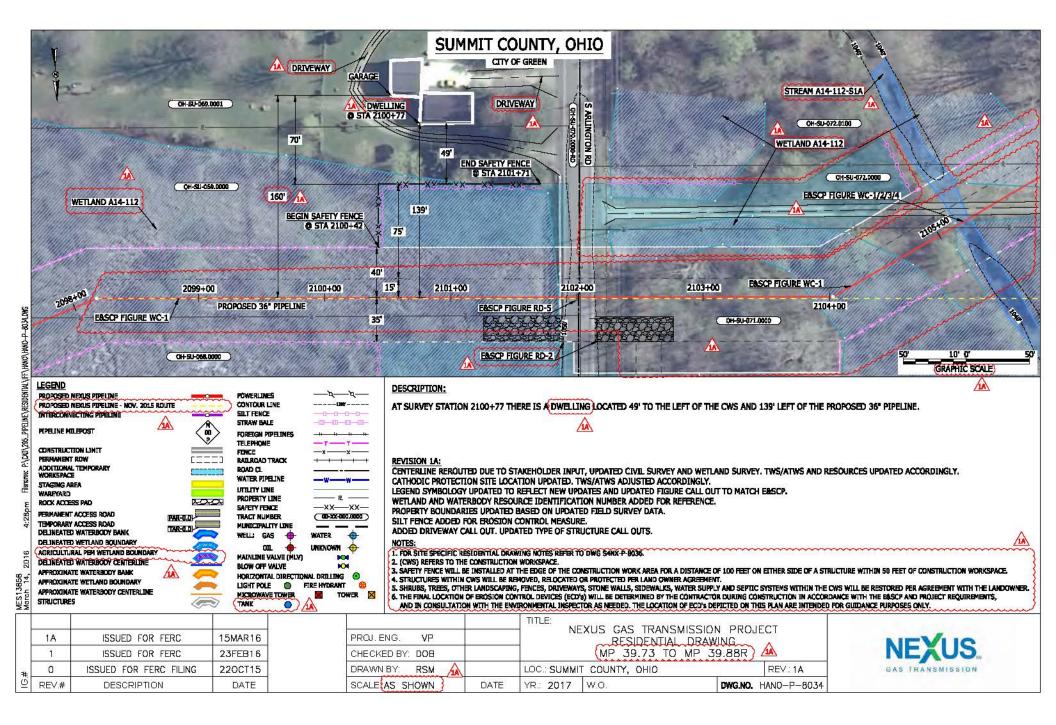




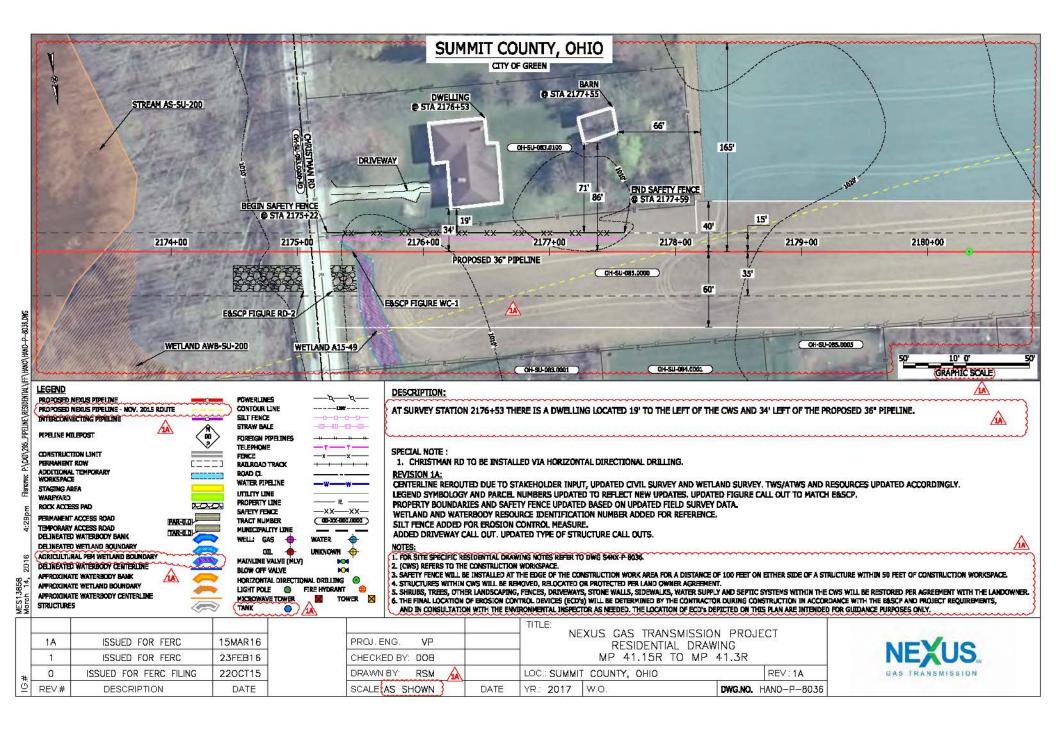


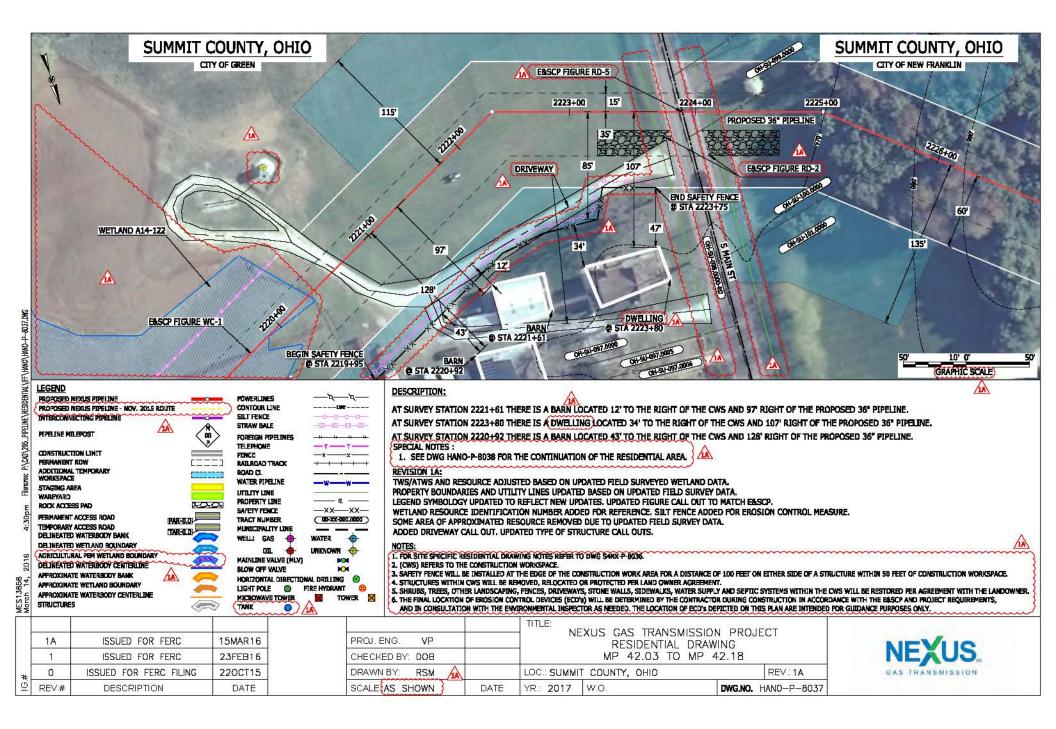


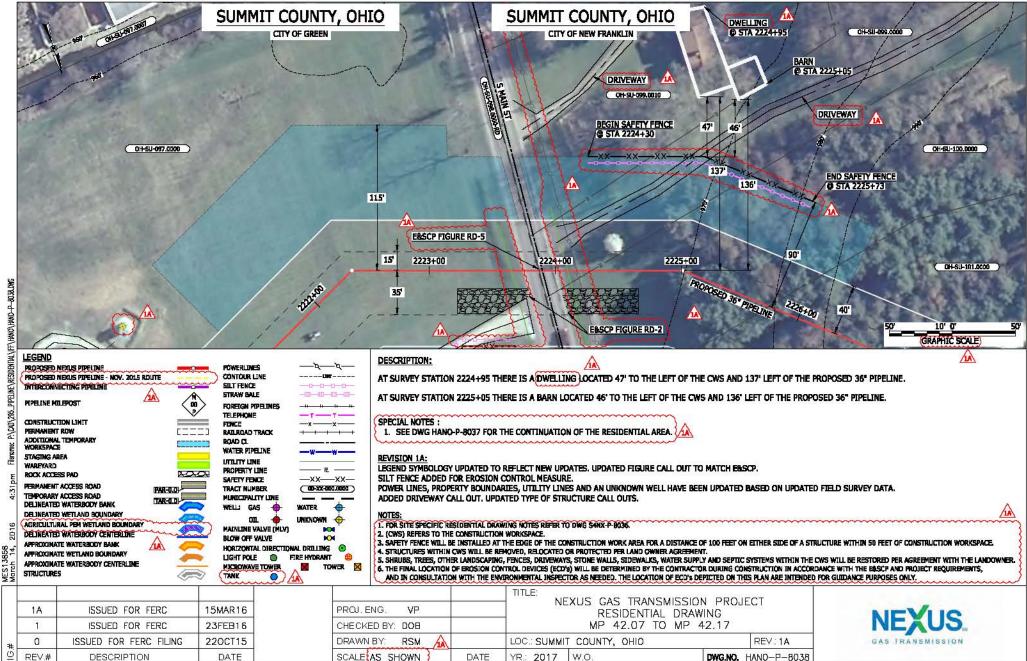


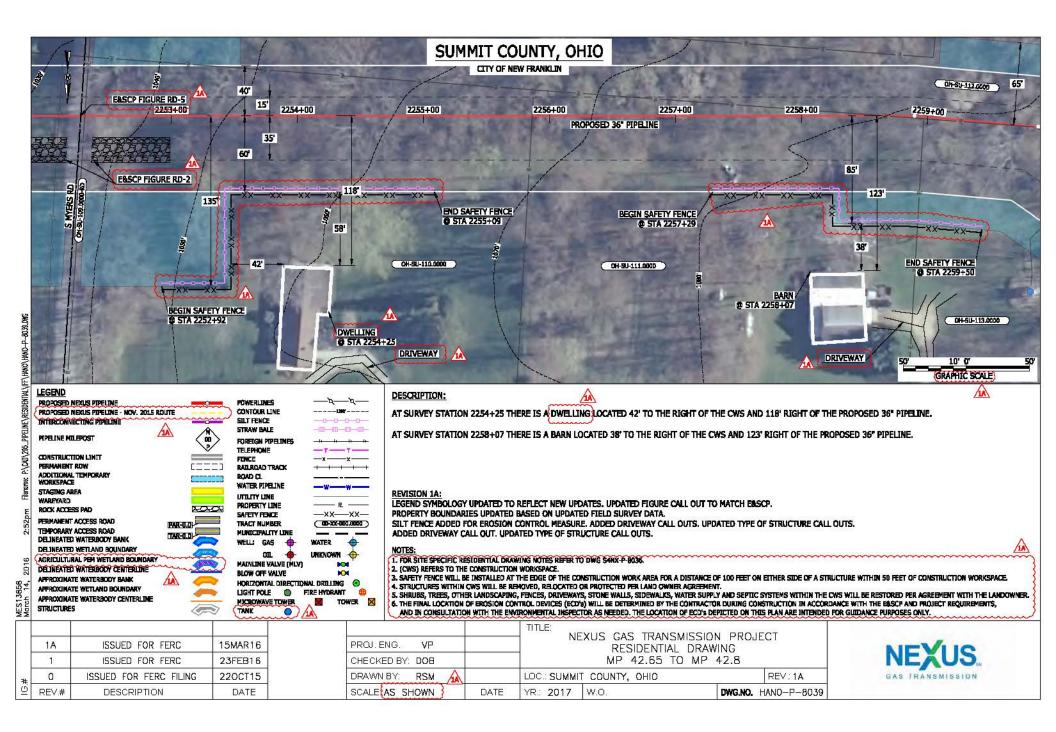


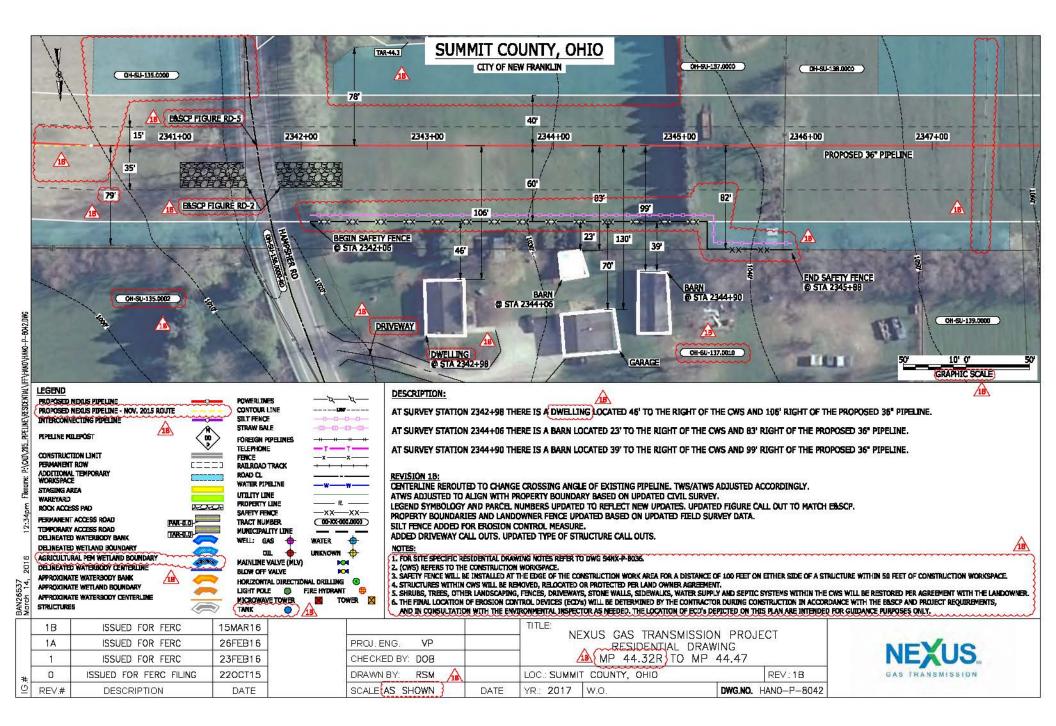
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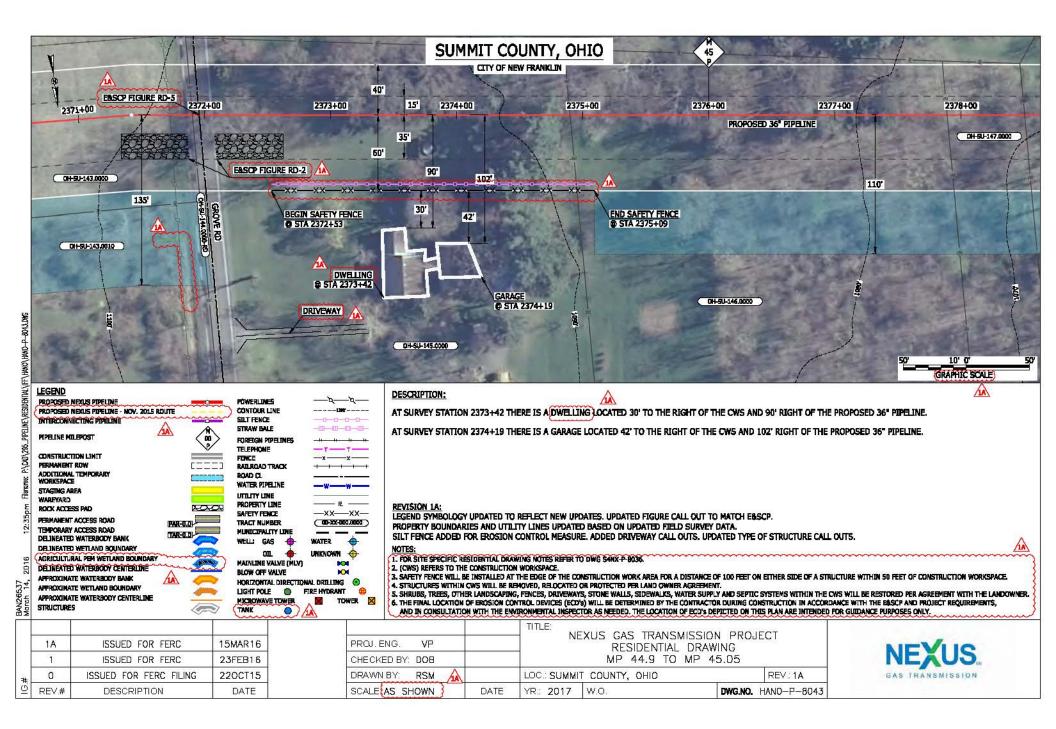


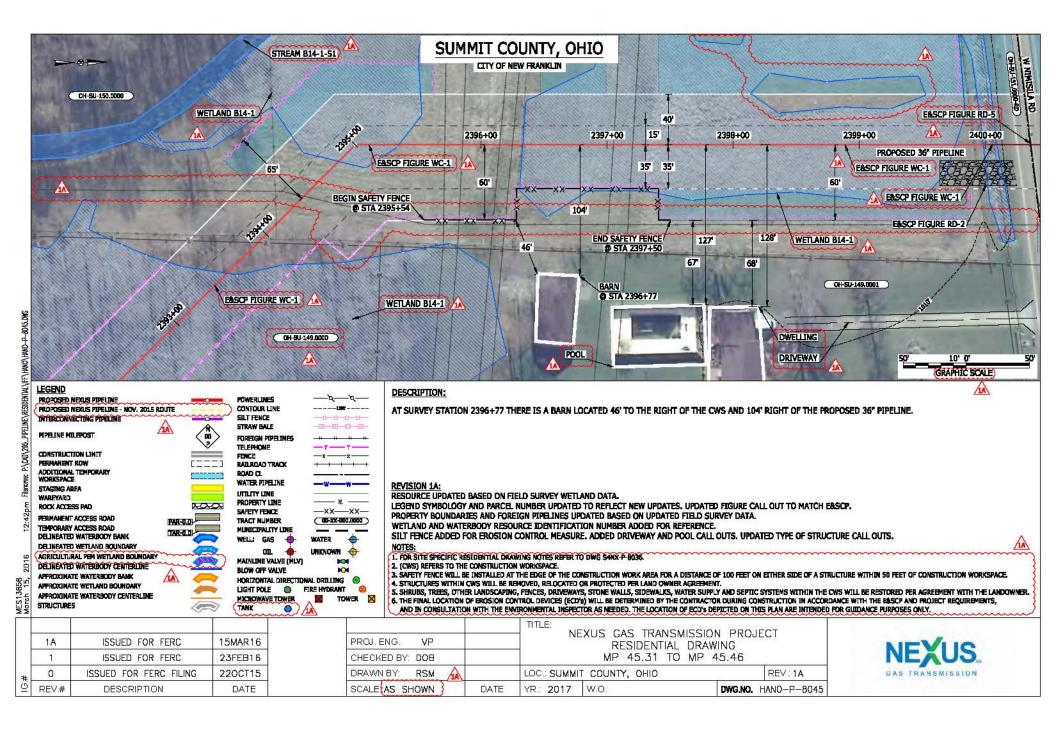


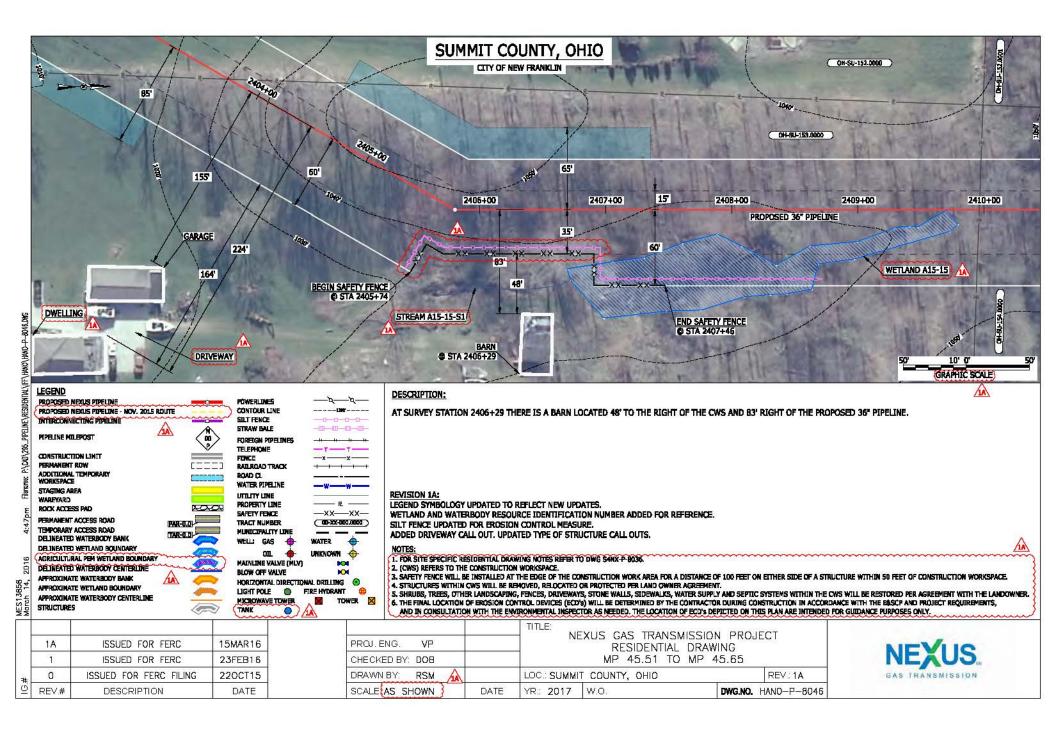


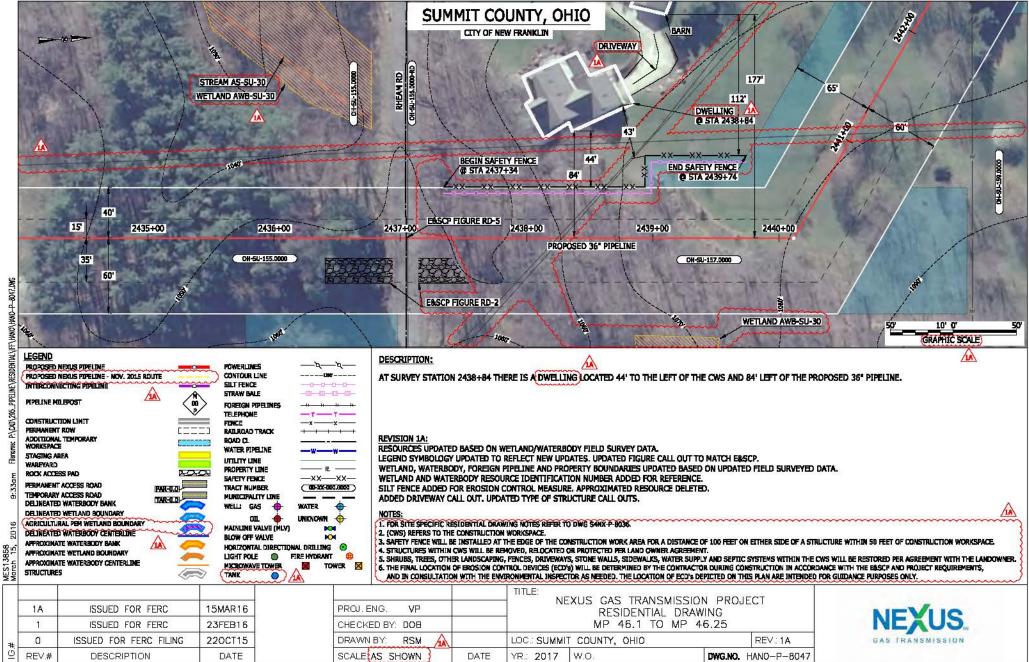


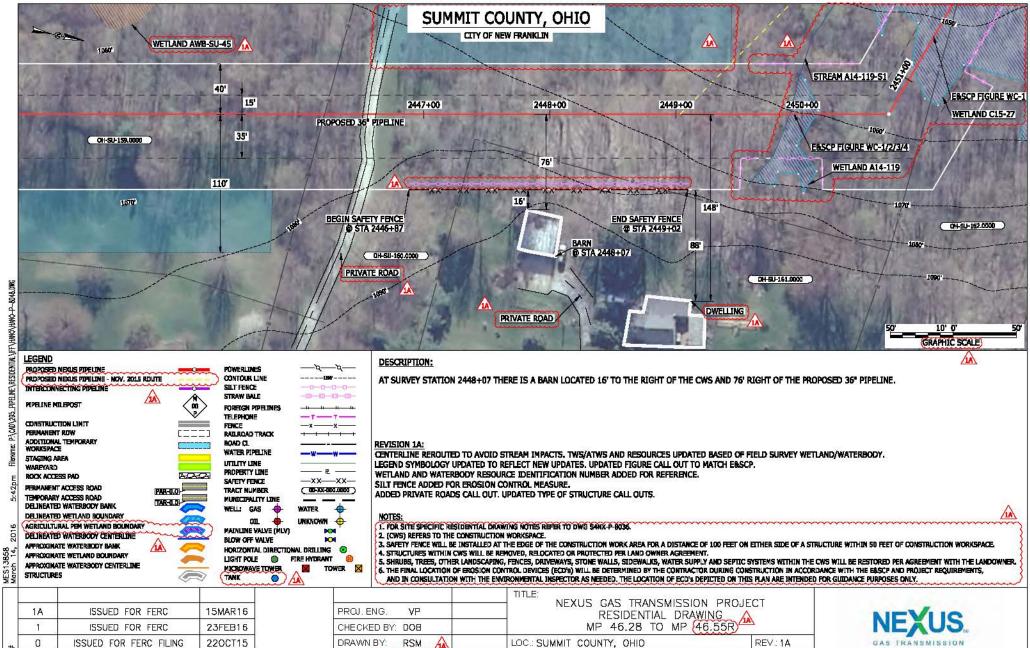












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REV.#

DESCRIPTION

DATE

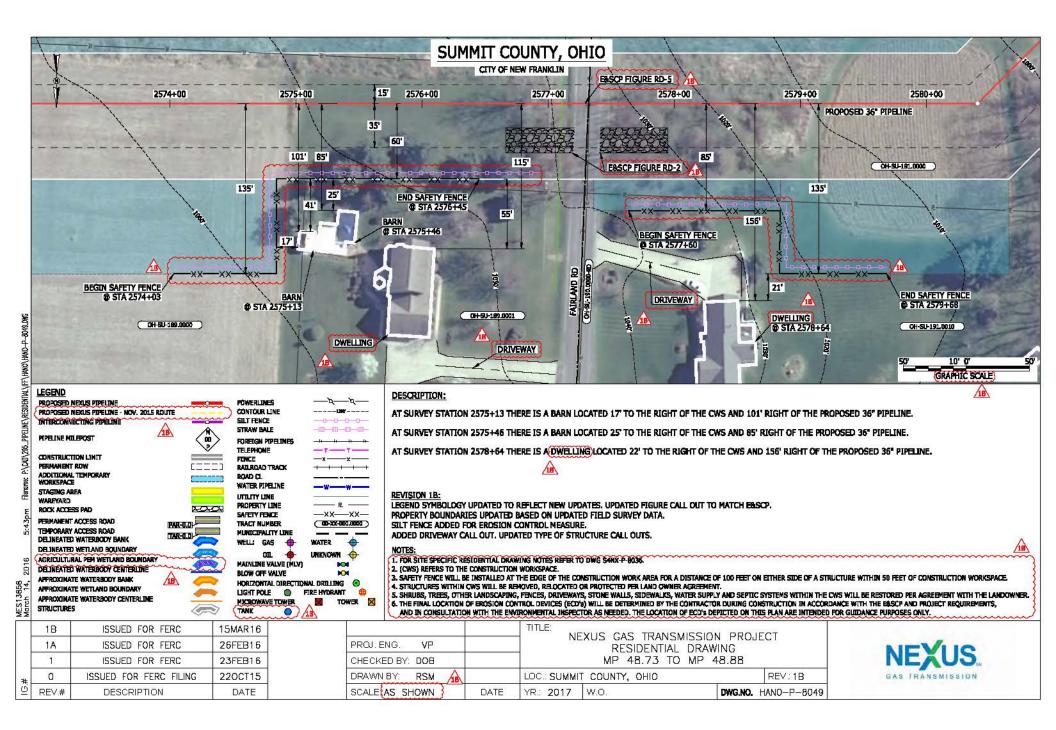
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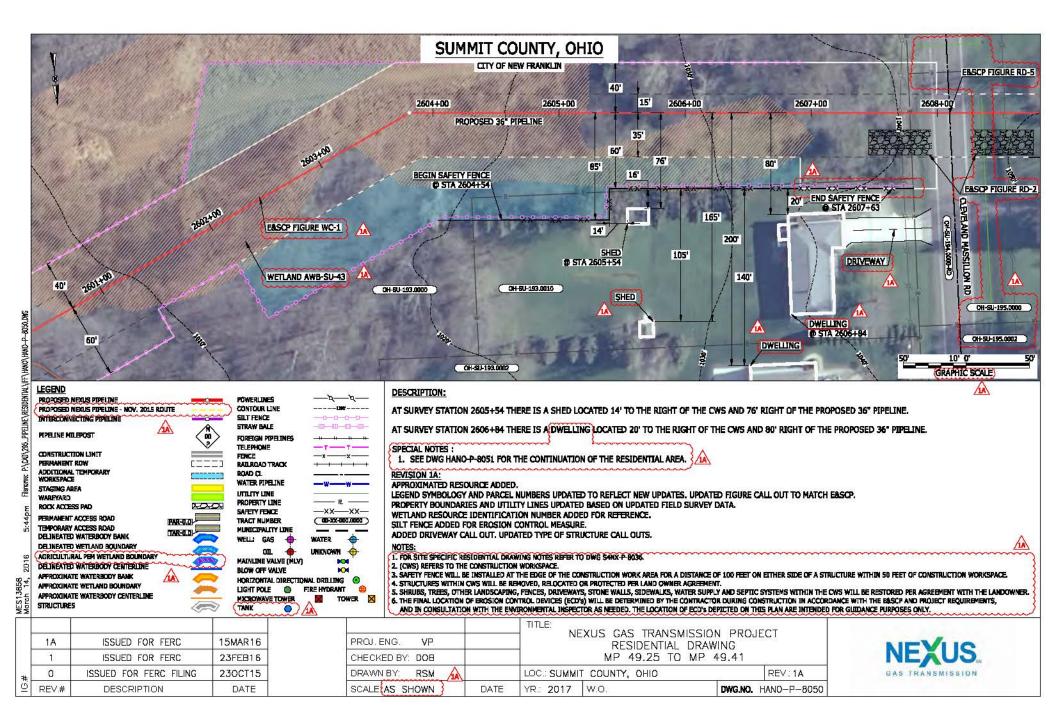
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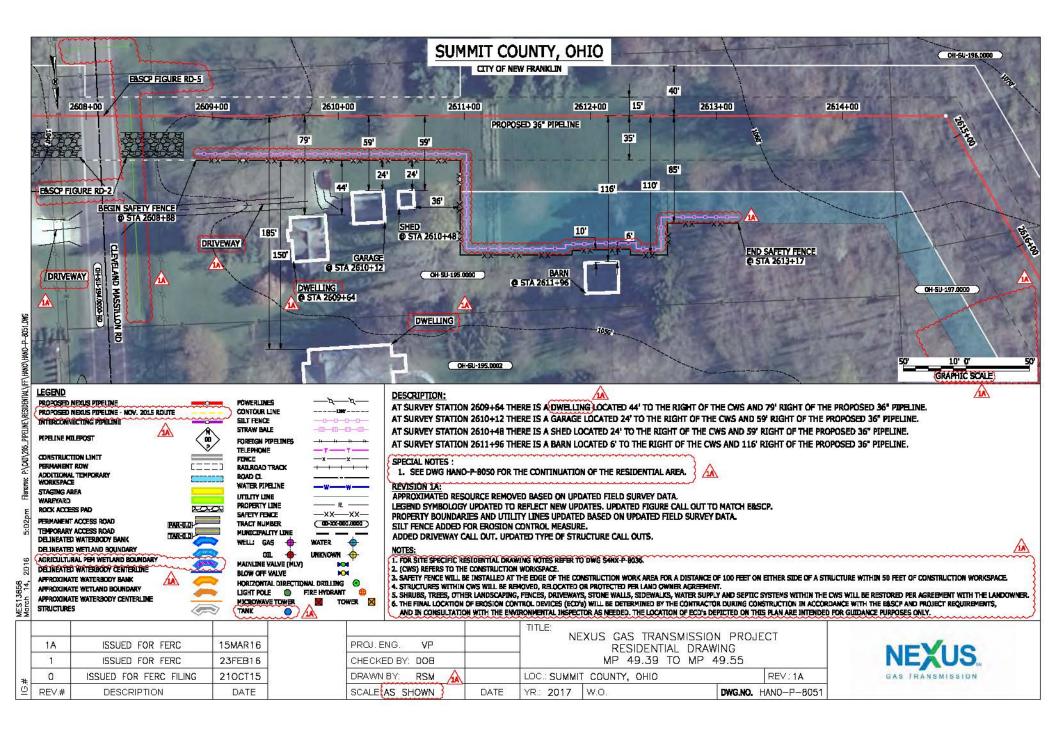
DWG.NO. HANO-P-8048

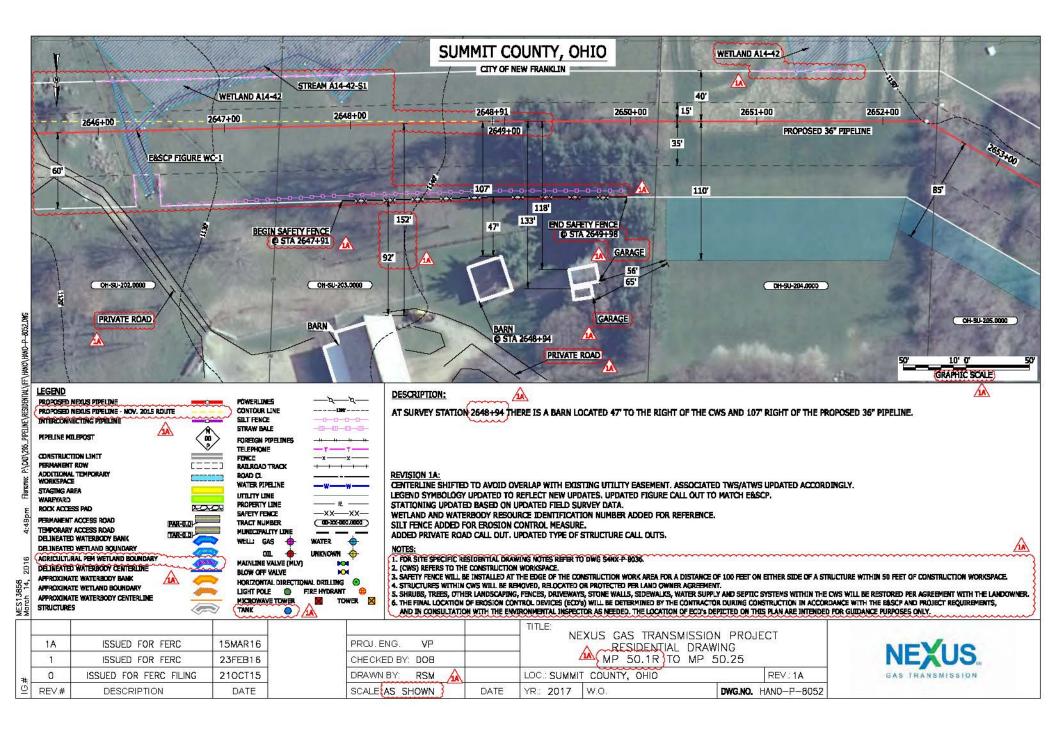
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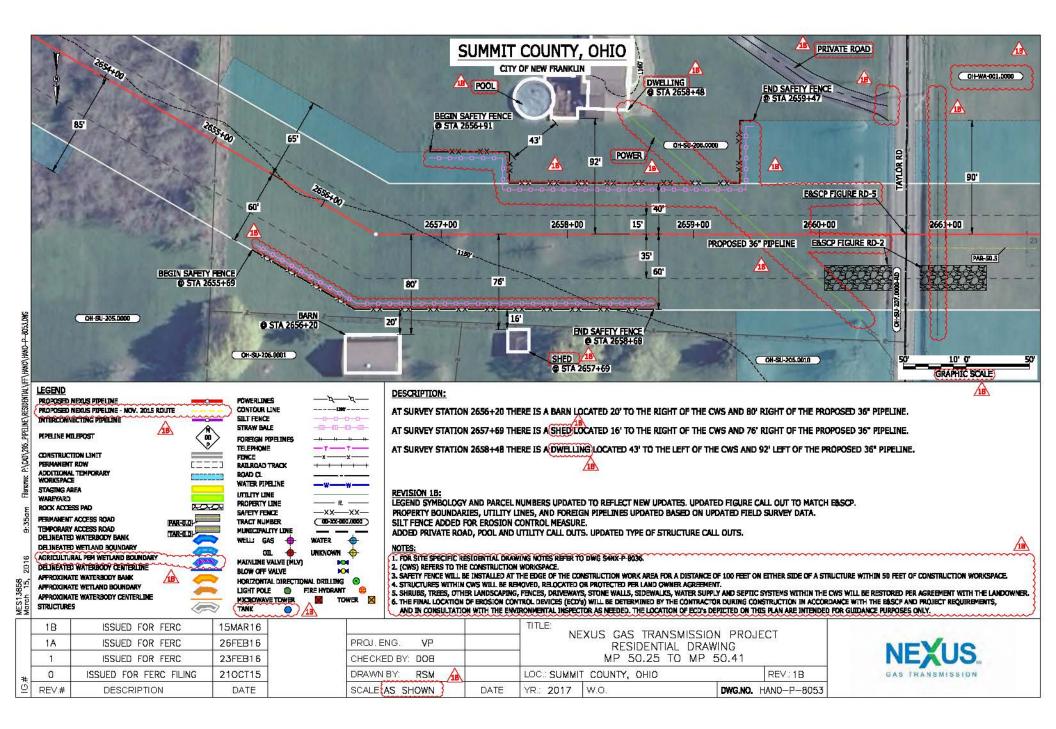
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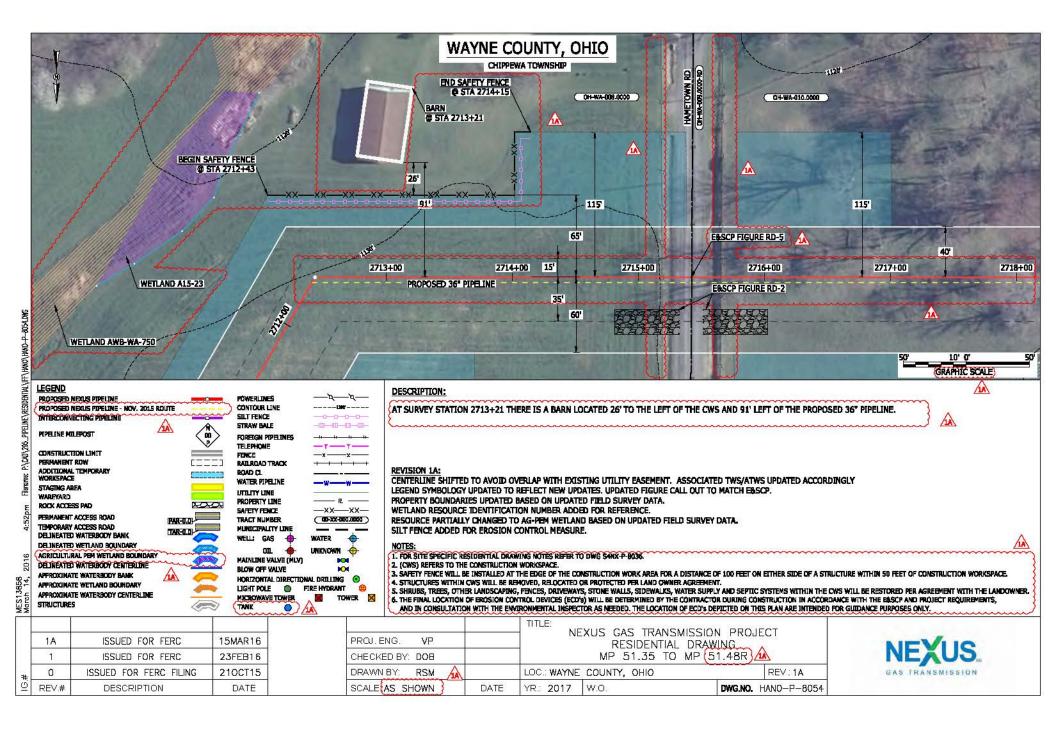


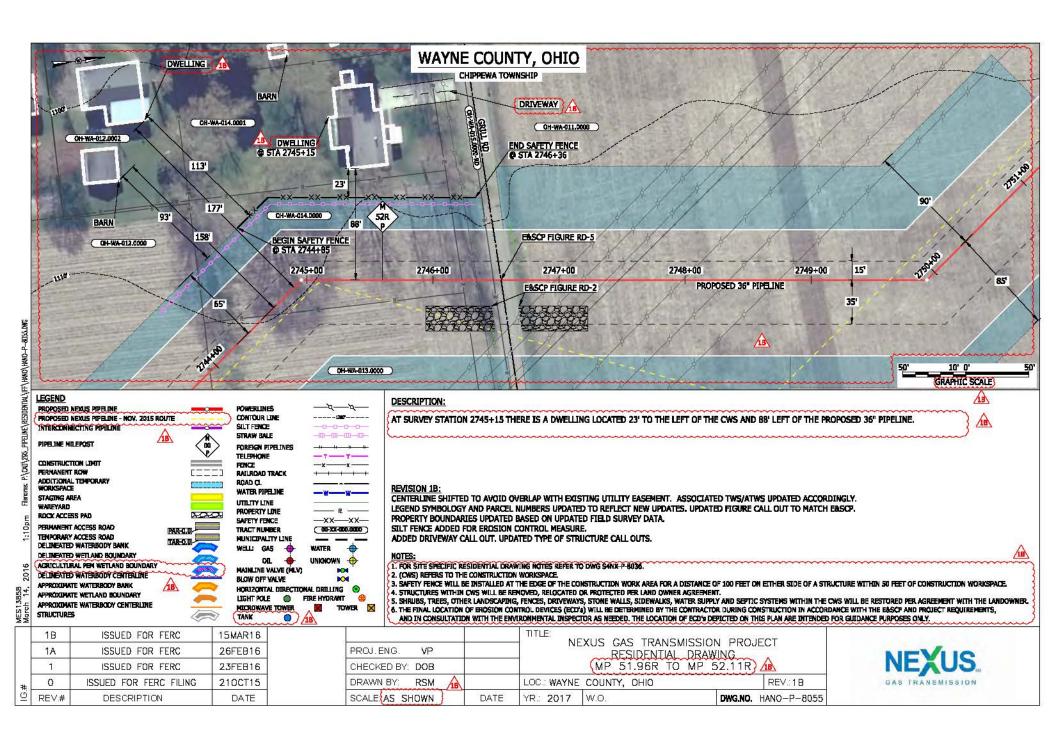


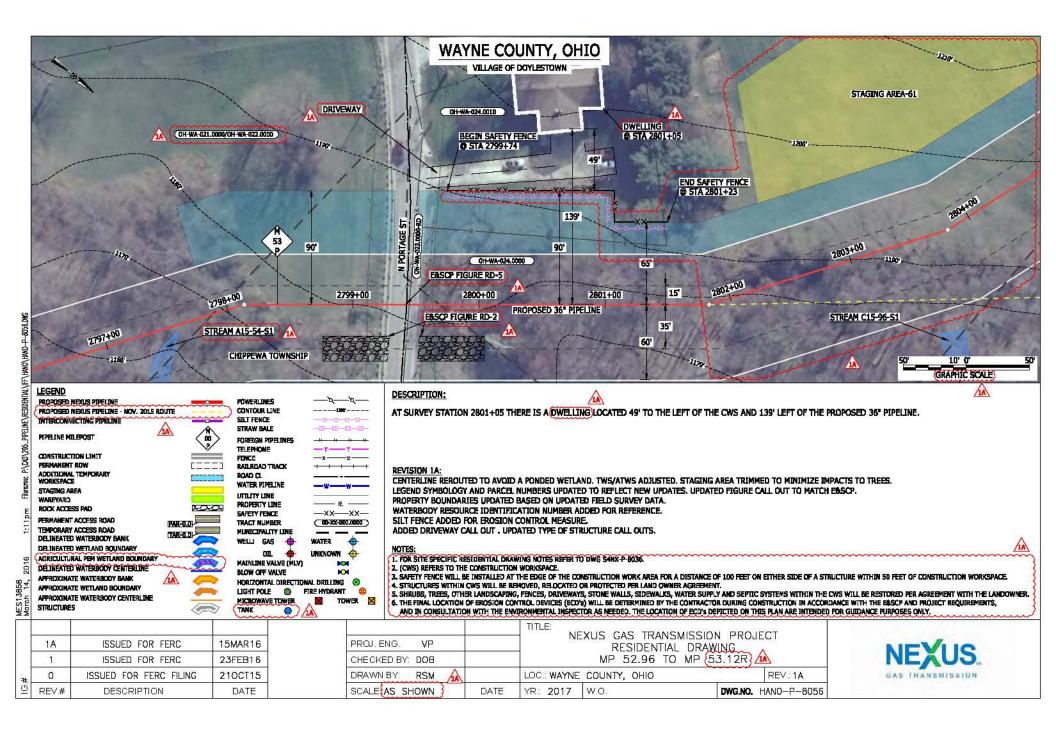


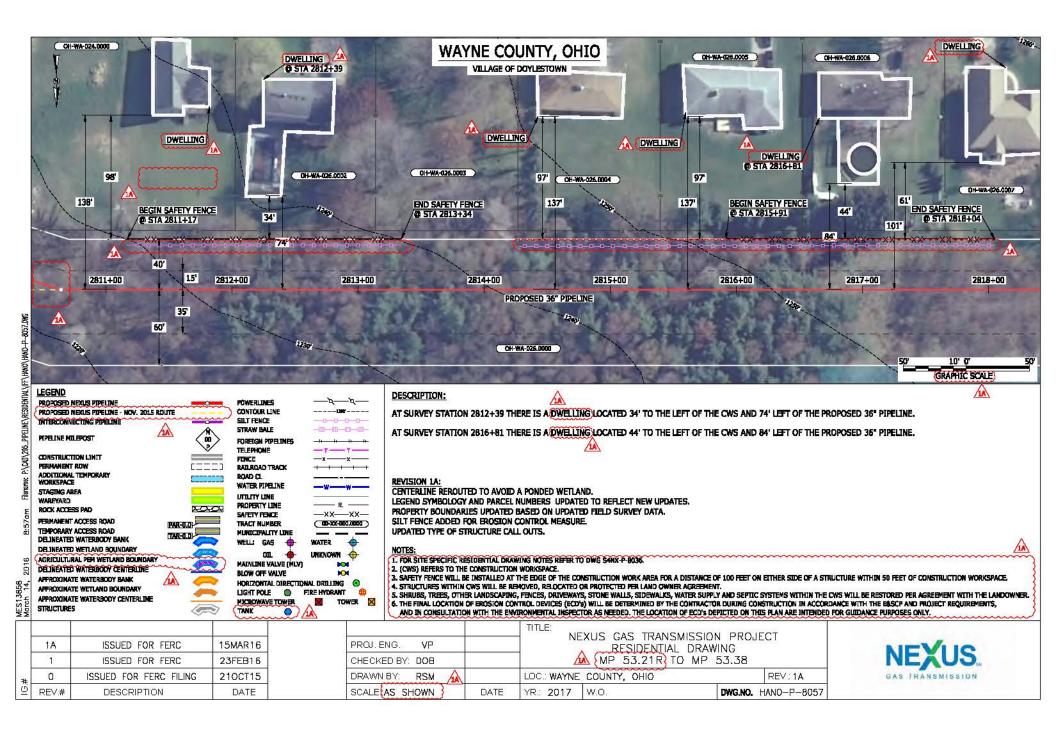


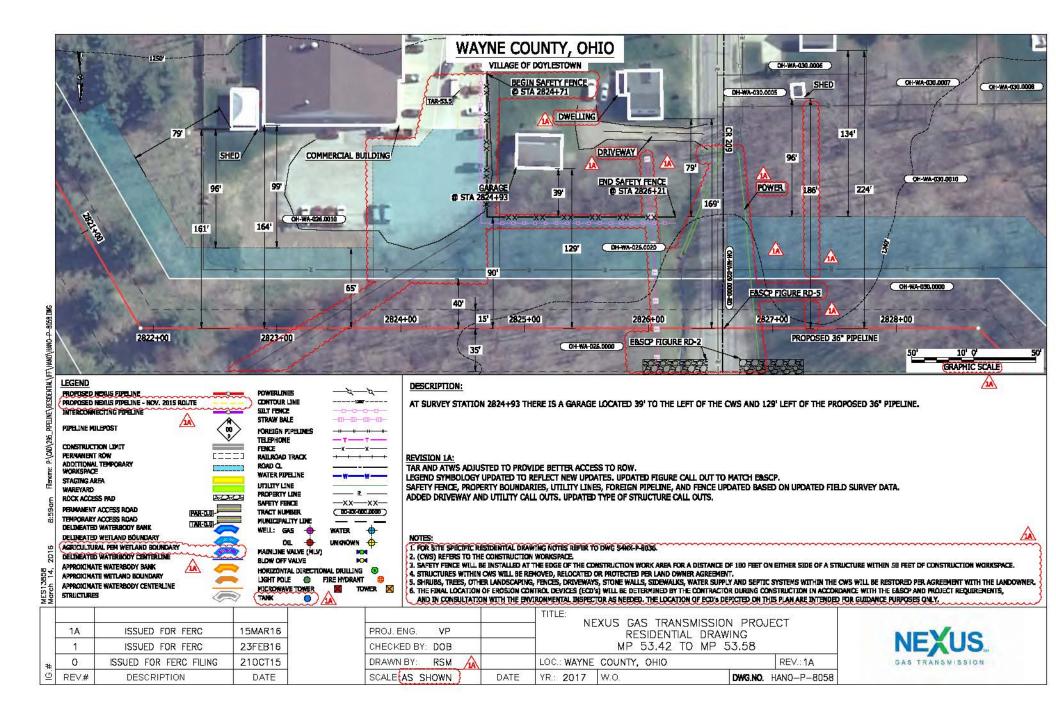


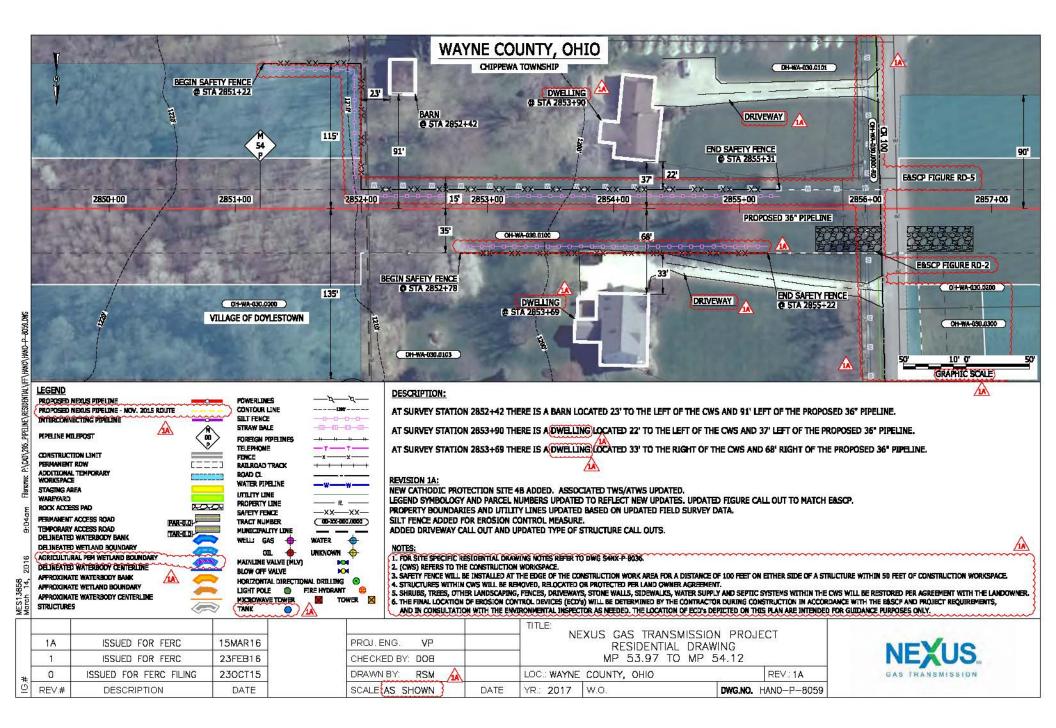


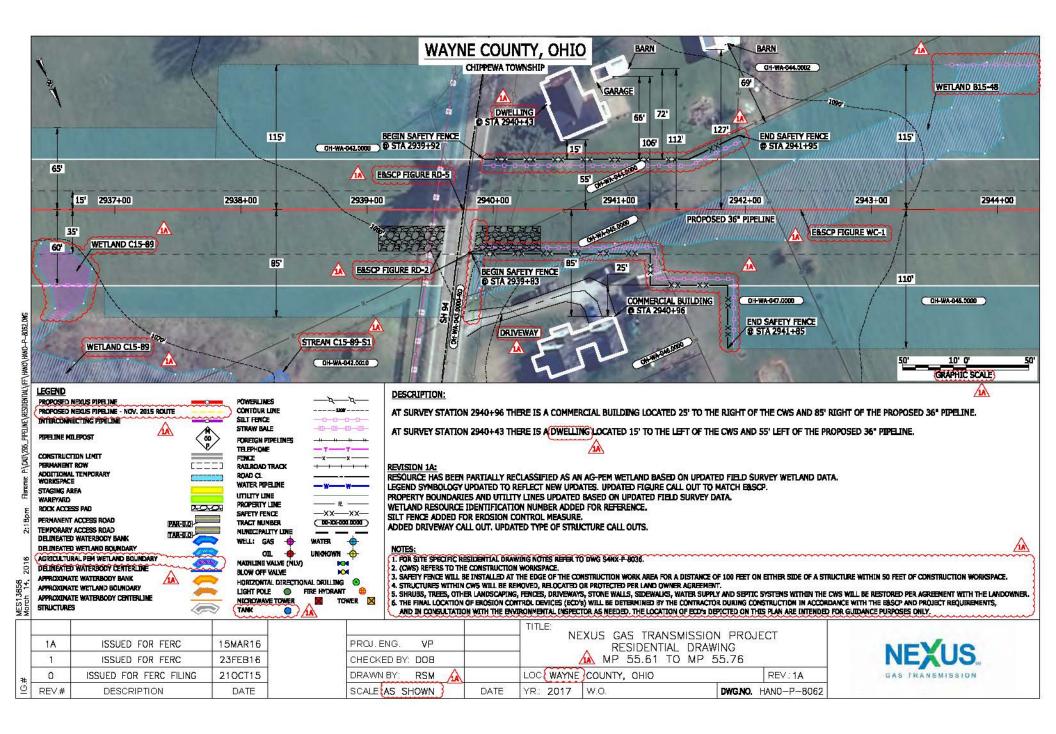


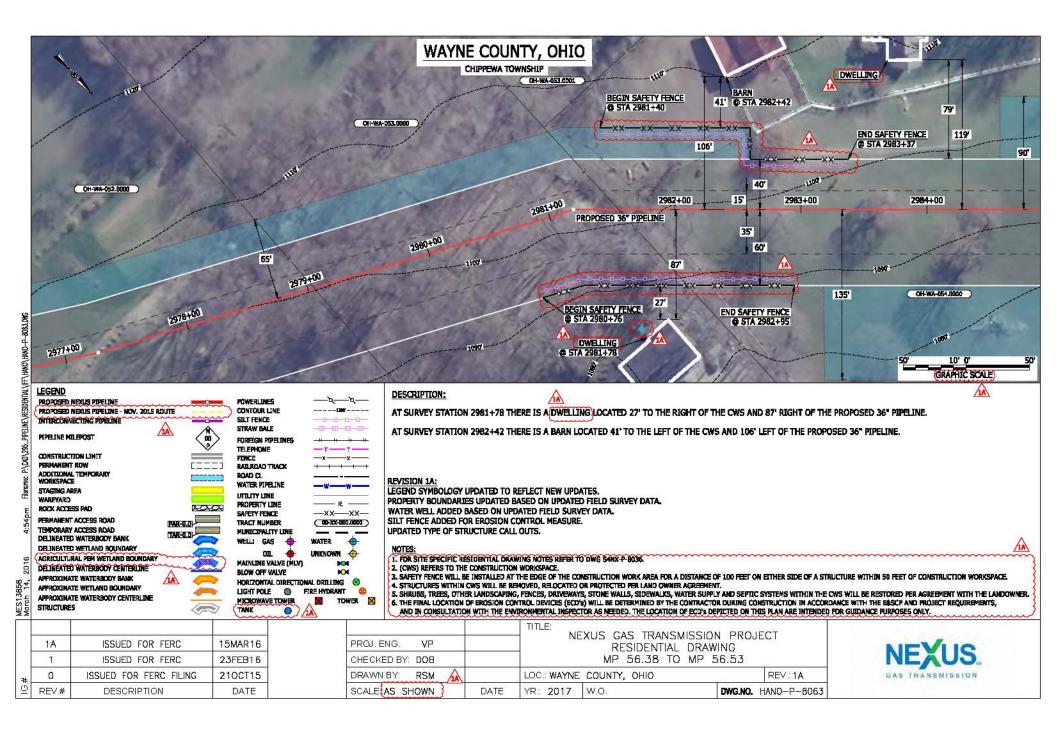


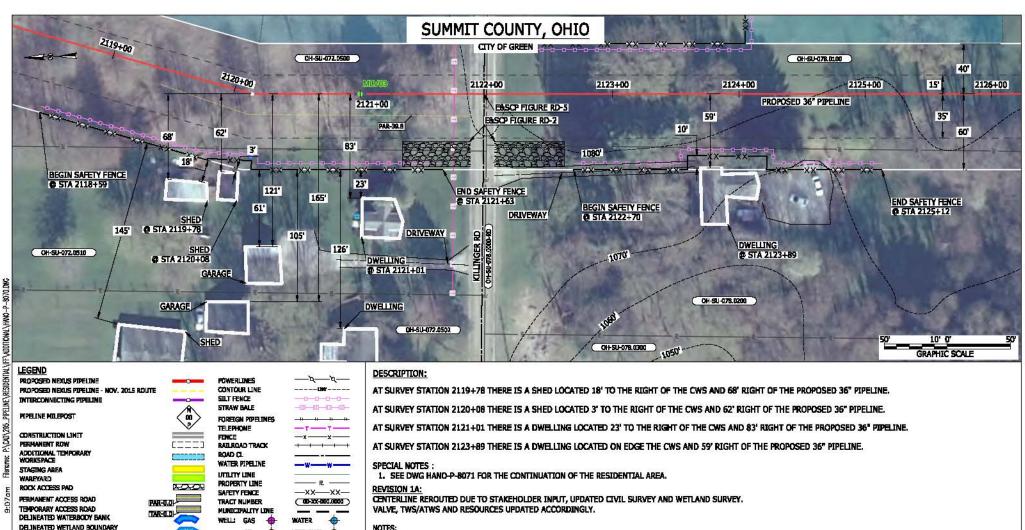












## NOTES:

OIL.

MAINLINE VALVE (MLV)

HORIZONTAL DIRECTIONAL DRILLING 📀

0

BLOW OFF VALVE

LIGHT POLE

MICROWAVE TOWER

TANK

AGRICULTURAL PEH WETLAND BOUNDARY

DELINEATED WATERBODY CENTERLINE

APPROXIMATE WATERBODY CENTERLINE

APPROXIMATE WATERBODY BANK

APPROXIMATE WETLAND BOUNDARY

2016

13858

Marc Marc

STRUCTURES

UNKNOWN

FIRE HYDRANT

 $\mathbf{x}$ 

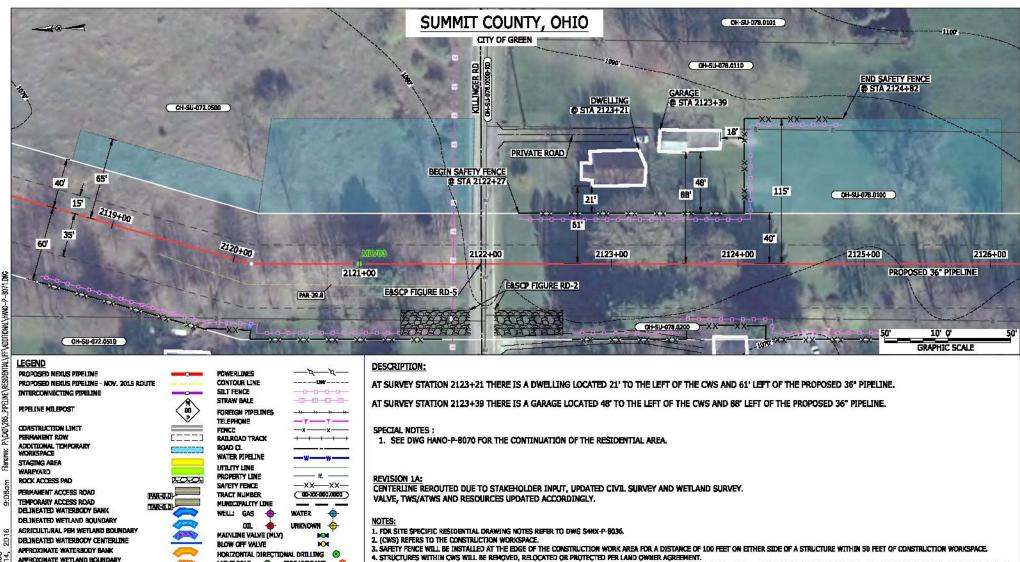
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TOWER 🔀

- 1. FOR SITE SPECIFIC RESIDENTIAL DRAWING NOTES REFER TO DWG S4NX-P-8036.
- 2. (CWS) REFERS TO THE CONSTRUCTION WORKSPACE.
- 3. SAFETY FENCE WILL BE INSTALLED AT THE EDGE OF THE CONSTRUCTION WORK AREA FOR A DISTANCE OF 100 FEET ON EITHER SIDE OF A STRUCTURE WITHIN 50 FEET OF CONSTRUCTION WORKSPACE. 4. STRUCTURES WITHIN CWS WILL BE RENOVED, RELOCATED OR PROTECTED PER LAND OWNER AGREEMENT. 5. SHRUBS, TREES, OTHER LANDSCAPENG, FENCES, DRIVEWAYS, STONE WALLS, SIDEWALKS, WATER SUPPLY AND SEPTIC SYSTEMS WITHIN THE CWS WILL BE RESTORED PER AGREEMENT WITH THE LANDOWNER.
- 6. THE FINAL LOCATION OF BROSION CONTROL DEVICES (ECD's) WILL BE DETERMINED BY THE CONTRACTOR DURING CONSTRUCTION IN ACCORDANCE WITH THE EASCP AND PROJECT REQUIREMENTS. AND IN CONSULTATION WITH THE ENVIRONMENTAL INSPECTOR AS NEEDED. THE LOCATION OF ECO'S DEPICTED ON THIS PLAN ARE INTENDED FOR GUIDANCE PURPOSES ONLY.

|   | 1A<br>1 | ISSUED FOR FERC | 15MAR16<br>23FEB16 | PROJ. ENG. VP<br>CHECKED BY: DOB |      | TITLE:<br>NEXUS GAS TRANSMISSION PROJECT<br>RESIDENTIAL DRAWING<br>MP 40.12R TO MP 40.27R |                 |         | NEXUS       |                  |
|---|---------|-----------------|--------------------|----------------------------------|------|---|-----------------|---------|-------------|------------------|
| * | 0       | ISSUED FOR FERC | 23FEB16            | DRAWN BY: RSM                    |      | LOC.: SUMM  | IT COUNTY, OHIO |         | REV.: 1A    | GAS TRANSMISSION |
| Ŭ | REV.#   | DESCRIPTION     | DATE               | SCALE: AS SHOWN                  | DATE | YR.: 2017   | W.O.            | DWG.NO. | HANO-P-8070 |                  |

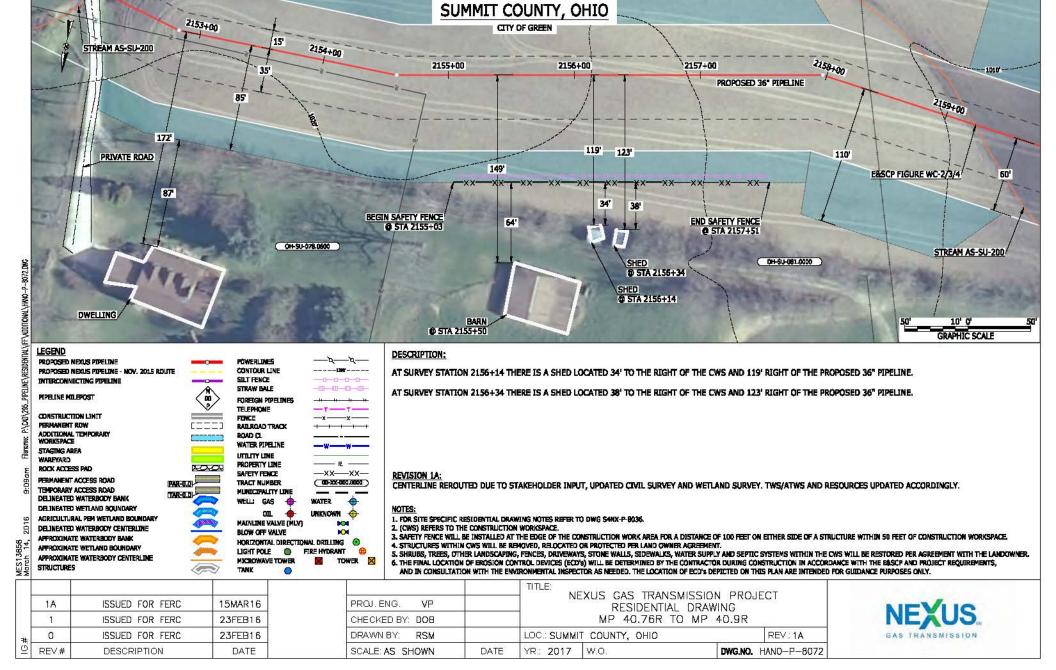


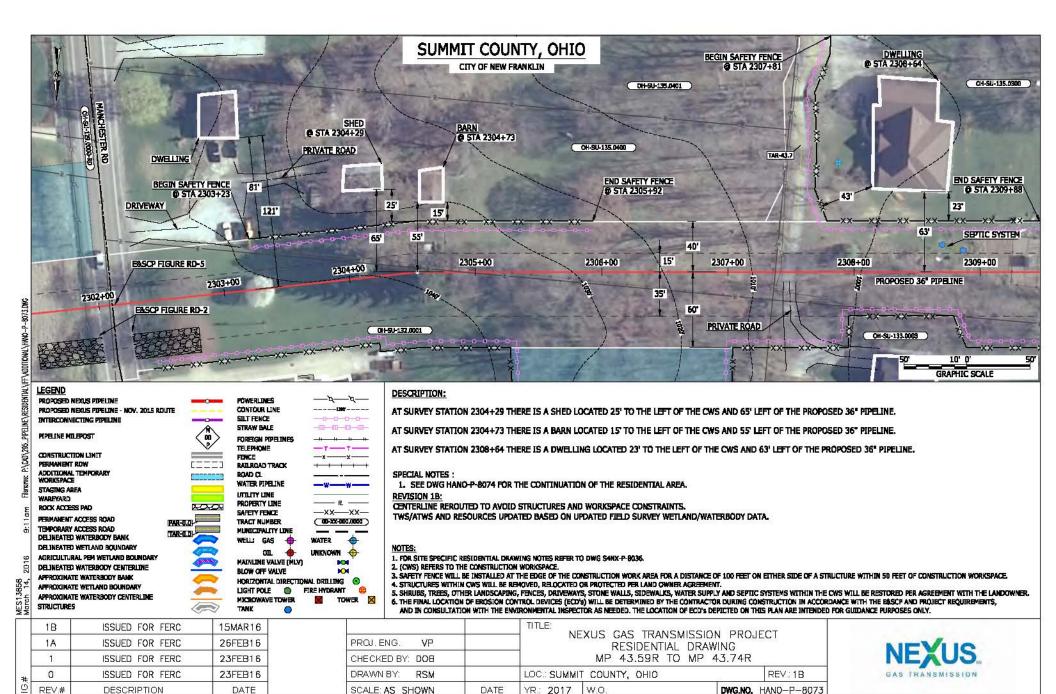
P:\CAD\295\_PIPELNE\RESIDENTAL\IFFY P-DRom 2016 13858 APPROXIMATE WETLAND BOUNDARY APPROXIMATE WATERBODY CENTERLINE Marci Marci STRUCTURES

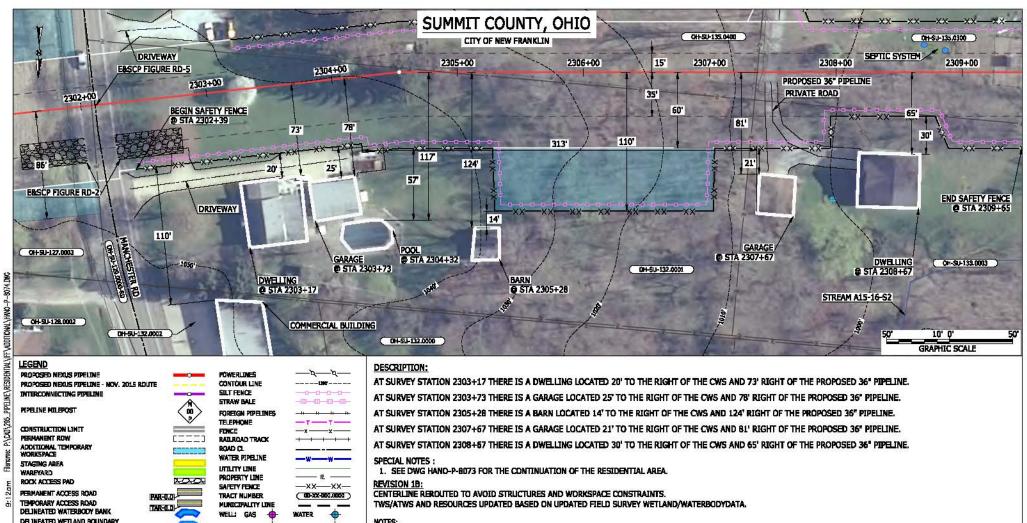
| CONTOUR LINE        |   |
|---------------------|---|
| SILT FENCE          | -0-0-0-0-                               |
| STRAW BALE          | <u>-m-m-m-</u>                          |
| FOREIGN PIPELINES   | - 0 0 0 0                               |
| TELEPHONE           | T                                       |
| FENCE               | _x x                                    |
| RAILROAD TRACK      | + |
| ROAD (L             |   |
| WATER PIPELINE      | -w                                      |
| UTILITY LINE        |   |
| PROPERTY LINE       |   |
| SAFETY FENCE        | —xx—xx—                                 |
| TRACT NUMBER        | ( 00-XX-000.0000 )                      |
| MUNICIPALITY LINE   |   |
| WELL: GAS 🔶         | WATER 🔶                                 |
| աւ 🔶                | UNKNOWN 🔶                               |
| MAINLINE VALVE (MLV | ງ 💌 ້                                   |
| BLOW OFF VALVE      | IOI                                     |
| HORIZONTAL DIRECTL  | ONAL DRILLING (                         |
| LIGHT POLE          | FIRE HYDRANT                            |
| MICROWAVE TOWER     | TOWER X                                 |
| TANK                |   |
|                     |   |

5. SHRUBS, TREES, OTHER LANDSCAPENG, FENCES, DRIVEWAYS, STORE WALLS, SIDEWALKS, WATER SUPPLY AND SEPTIC SYSTEMS WITHIN THE CWS WILL BE RESTORED PER AGREEMENT WITH THE LANDOWNER. 6. THE FINAL LOCATION OF BROSION CONTROL DEVICES (ECD's) WILL BE DETERMINED BY THE CONTRACTOR DURING CONSTRUCTION IN ACCORDANCE WITH THE EASCP AND PROJECT REQUIREMENTS. AND IN CONSULTATION WITH THE ENVIRONMENTAL INSPECTOR AS NEEDED. THE LOCATION OF ECD's DEPICTED ON THIS PLAN ARE INTENDED FOR GUIDANCE PURPOSES ONLY.

|   | 1A<br>1 | ISSUED FOR FERC | 15MAR16<br>23FEB16 | PROJ. ENG. VP<br>CHECKED BY: DOB |      | TITLE:<br>NEXUS GAS TRANSMISSION F<br>RESIDENTIAL DRAWING<br>MP 40.12R TO MP 40.2 | NEXUS             |                  |
|---|---------|-----------------|--------------------|----------------------------------|------|---|-------------------|------------------|
| # | 0       | ISSUED FOR FERC | 23FEB16            | DRAWN BY: RSM                    |      | LOC .: SUMMIT COUNTY, OHIO  | REV.: 1A          | GAS TRANSMISSION |
| 9 | REV.#   | DESCRIPTION     | DATE               | SCALE: AS SHOWN                  | DATE | YR.: 2017 W.O. DW   | G.NO. HANO-P-8071 |                  |







## NOTES:

OIL.

MAINLINE VALVE (MLV)

HORIZONTAL DIRECTIONAL DRILLING

0

BLOW OFF VALVE

LIGHT POLE

MICROWAVE TOWER

TANK

AGRICULTURAL PEH WETLAND BOUNDARY

DELINEATED WATERBODY CENTERLINE

APPROXIMATE WATERBODY CENTERLINE

APPROXIMATE WATERBODY BANK

APPROXIMATE WETLAND BOUNDARY

2016

3858

Marc Marc

STRUCTURES

UNKNOWN

FIRE HYDRANT

~

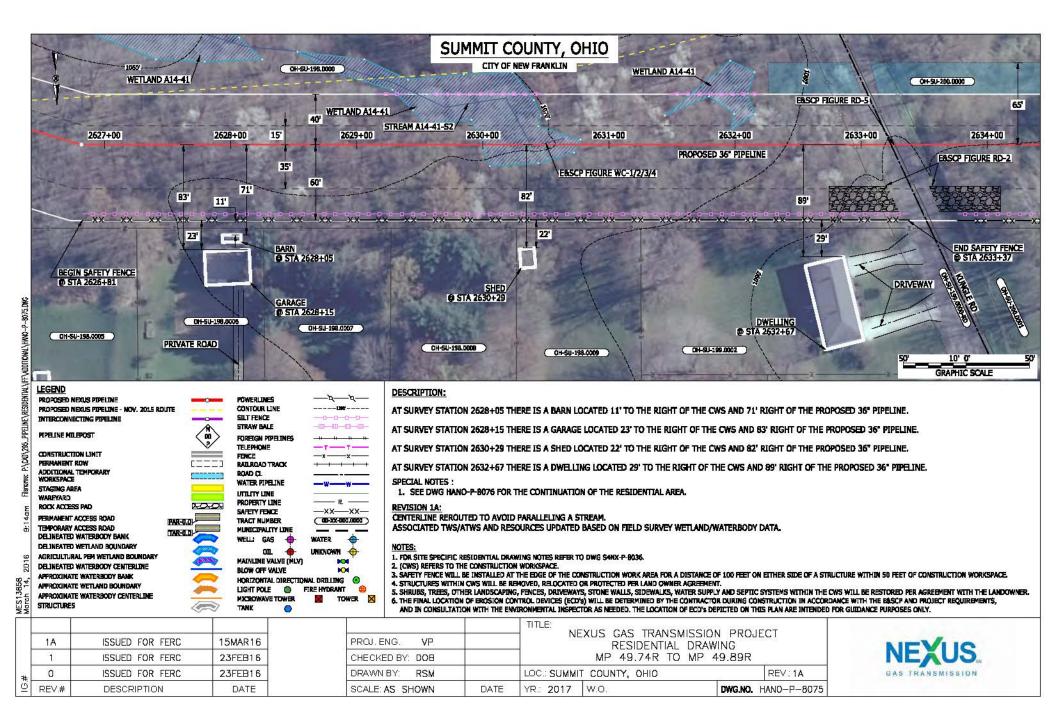
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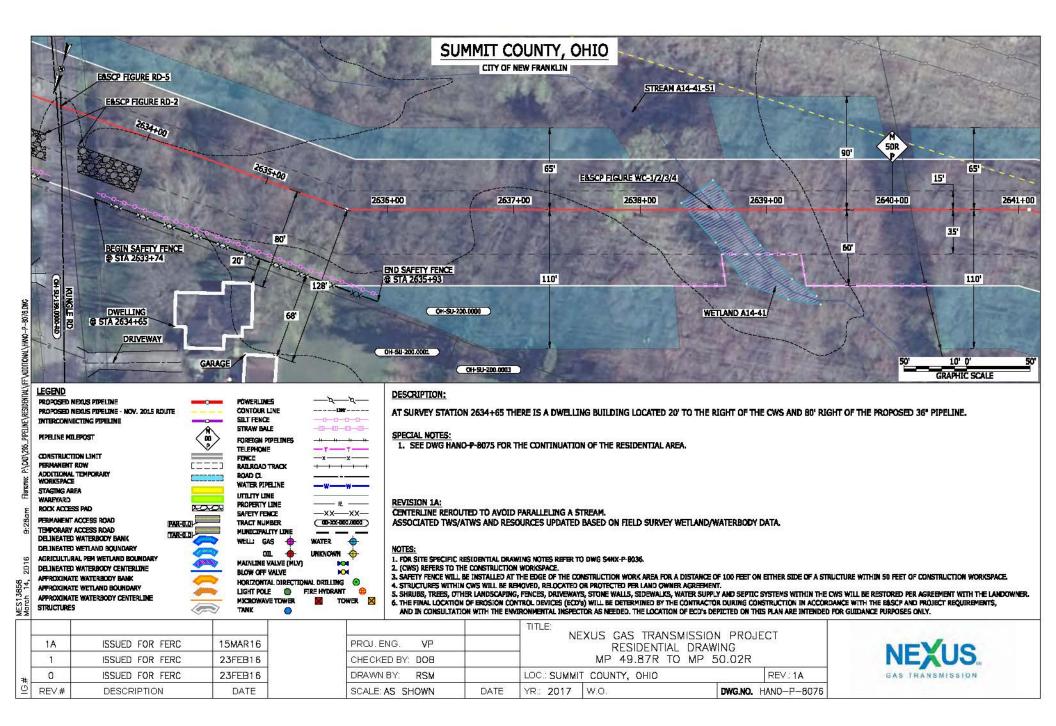
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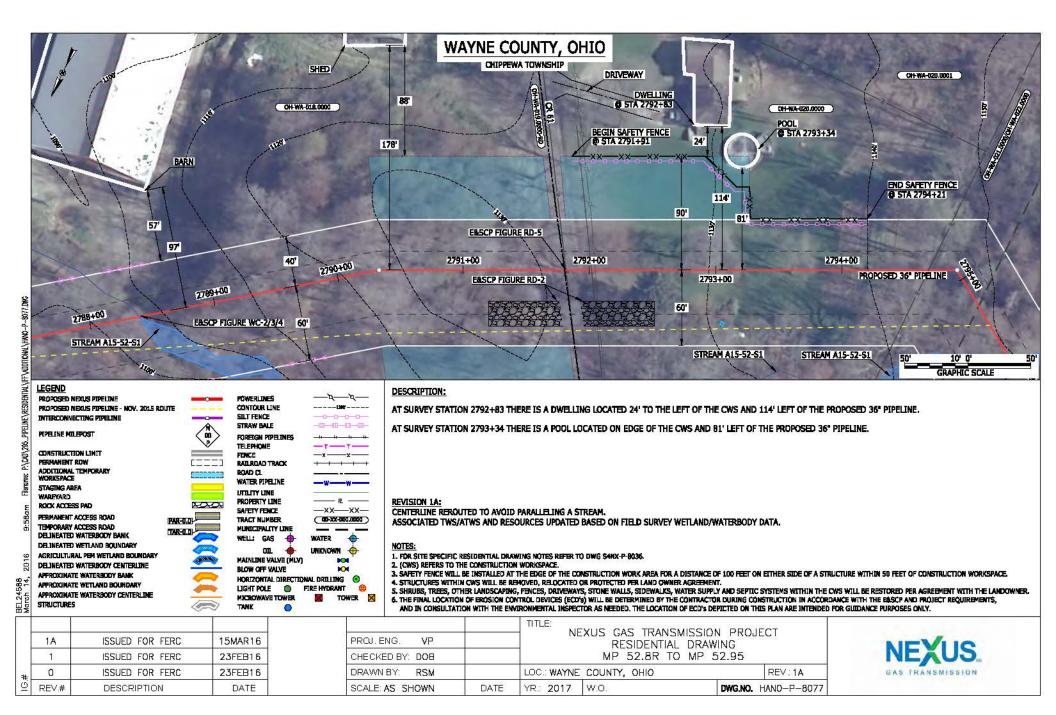
TOWER X

- 1. FOR SITE SPECIFIC RESIDENTIAL DRAWING NOTES REFER TO DWG S4NX-P-8036.
- 2. (CWS) REFERS TO THE CONSTRUCTION WORKSPACE.
- 3. SAFETY FENCE WILL BE INSTALLED AT THE EDGE OF THE CONSTRUCTION WORK AREA FOR A DISTANCE OF 100 FEET ON EITHER SIDE OF A STRUCTURE WITHIN 50 FEET OF CONSTRUCTION WORKSPACE. 4. STRUCTURES WITHIN CWS WILL BE RENOVED, RELOCATED OR PROTECTED PER LAND OWNER AGREEMENT. 5. SHRUBS, TREES, OTHER LANDSCAPENG, FENCES, DRIVEWAYS, STONE WALLS, SIDEWALKS, WATER SUPPLY AND SEPTIC SYSTEMS WITHIN THE CWS WILL BE RESTORED PER AGREEMENT WITH THE LANDOWNER.
- 6. THE FINAL LOCATION OF EROSION CONTROL DEVICES (ECO's) WILL BE DETERMINED BY THE CONTRACTOR DURING CONSTRUCTION IN ACCORDANCE WITH THE EASCP AND PROJECT REQUIREMENTS. AND IN CONSULTATION WITH THE ENVIRONMENTAL INSPECTOR AS NEEDED. THE LOCATION OF ECD'S DEPICTED ON THIS PLAN ARE INTENDED FOR GUIDANCE PURPOSES ONLY.

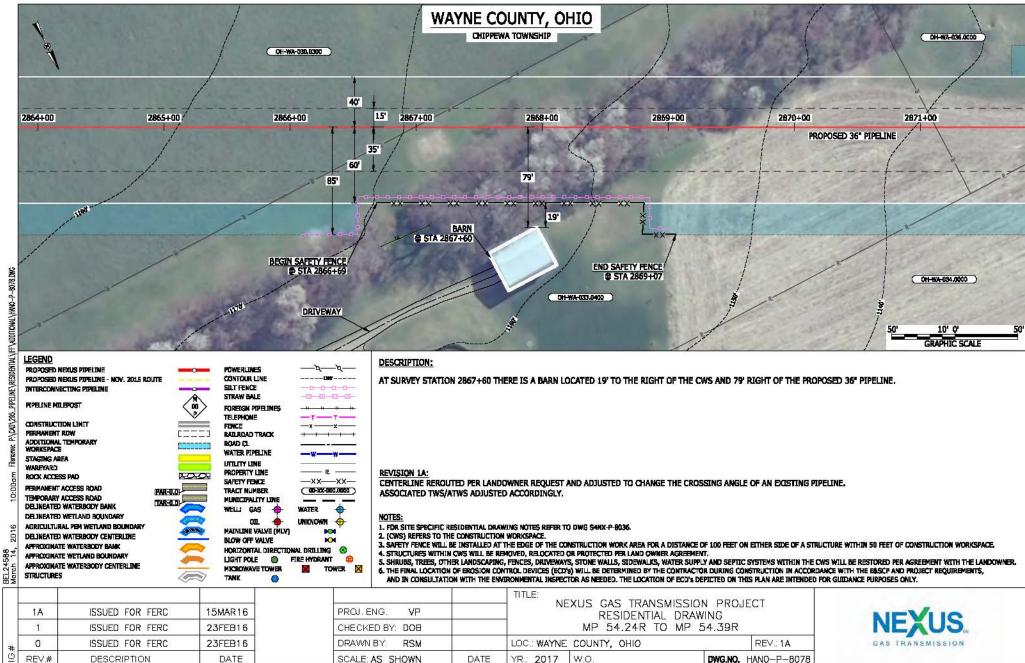
| 1 | 1B    | ISSUED FOR FERC                                    | 15MAR16 |                                  | TITLE: NEXUS GAS TRANSMISSION PROJECT |                        |                |                     |                  |
|---|-------|--|---------|----------------------------------|---------------------------------------|------------------------|----------------|---------------------|------------------|
|   | 1A    | ISSUED FOR FERC                                    | 26FEB16 | PROJ. ENG. VP<br>CHECKED BY: DOB |                                       | RESIDENTIAL            |                | NEVUO               |                  |
|   | 1     | ISSUED FOR FERC 23FEB16<br>ISSUED FOR FERC 23FEB16 | 23FEB16 |                                  |                                       | MP 43.59R TO MP 43.74R |                |                     | NEXUS.           |
| # | 0     |  | 23FEB16 | DRAWN BY: RSM                    |                                       | LOC.: SUMMI            | T COUNTY, OHIO | REV. 1B             | GAS TRANSMISSION |
| Ő | REV.# | DESCRIPTION  | DATE    | SCALE: AS SHOWN                  | DATE                                  | YR.: 2017              | W.O.           | DWG.NO. HANO-P-8074 |                  |



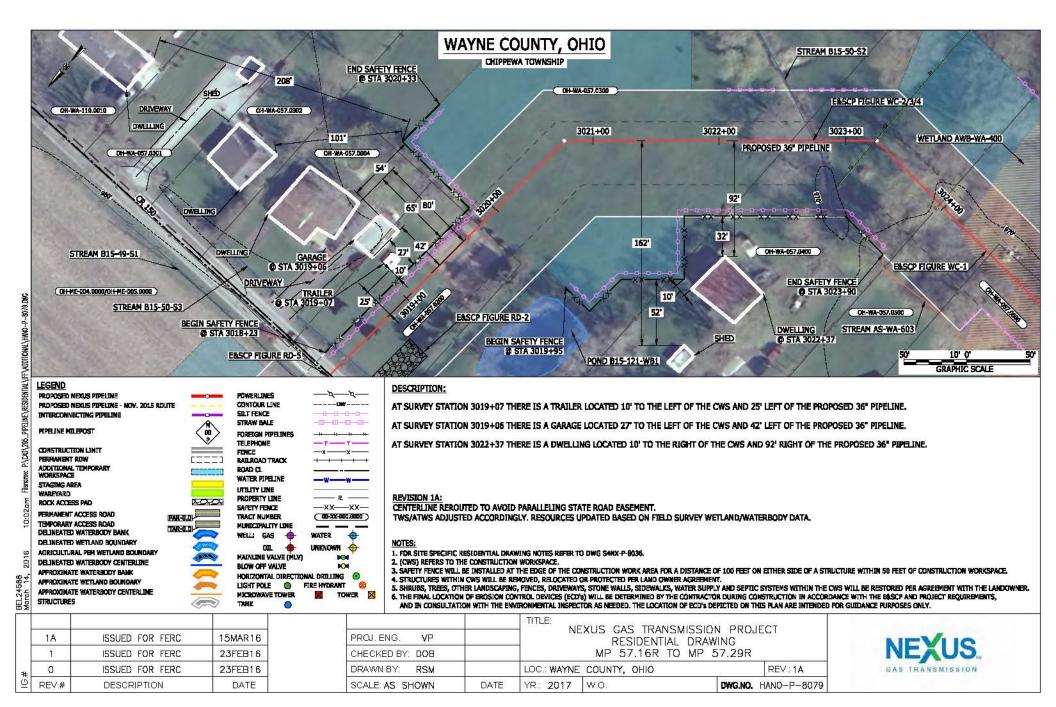




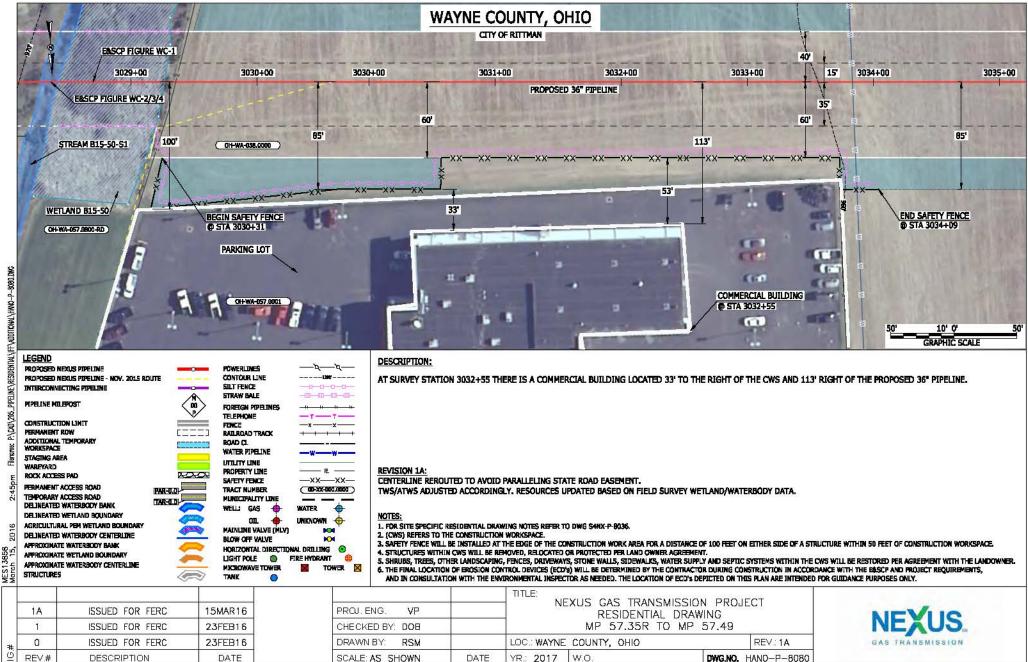
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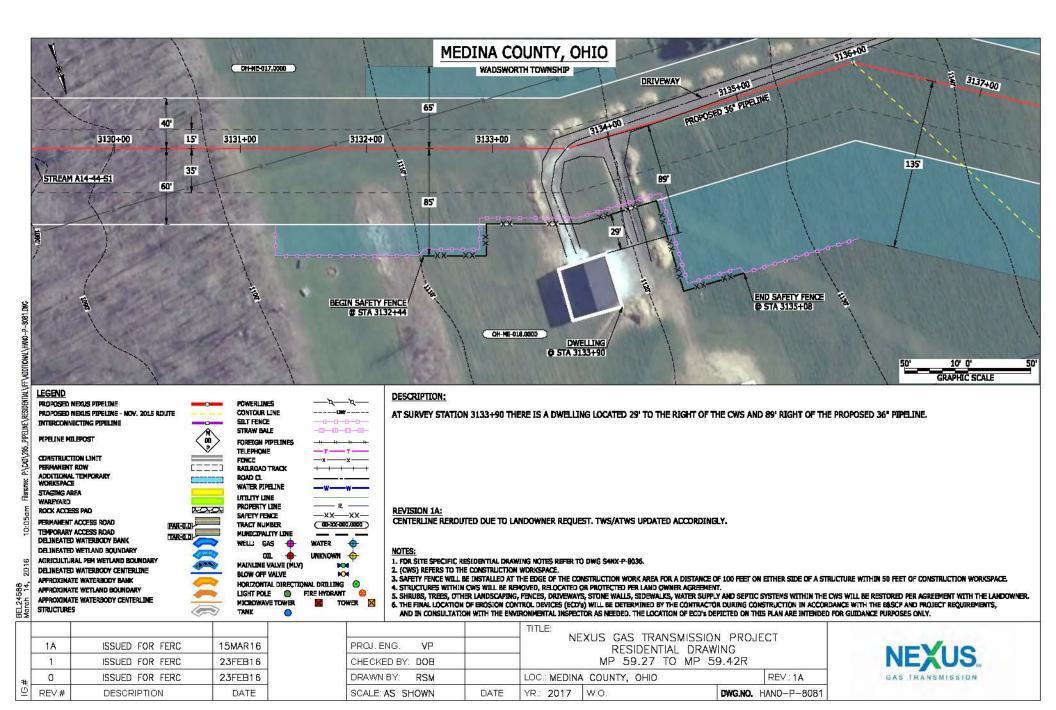


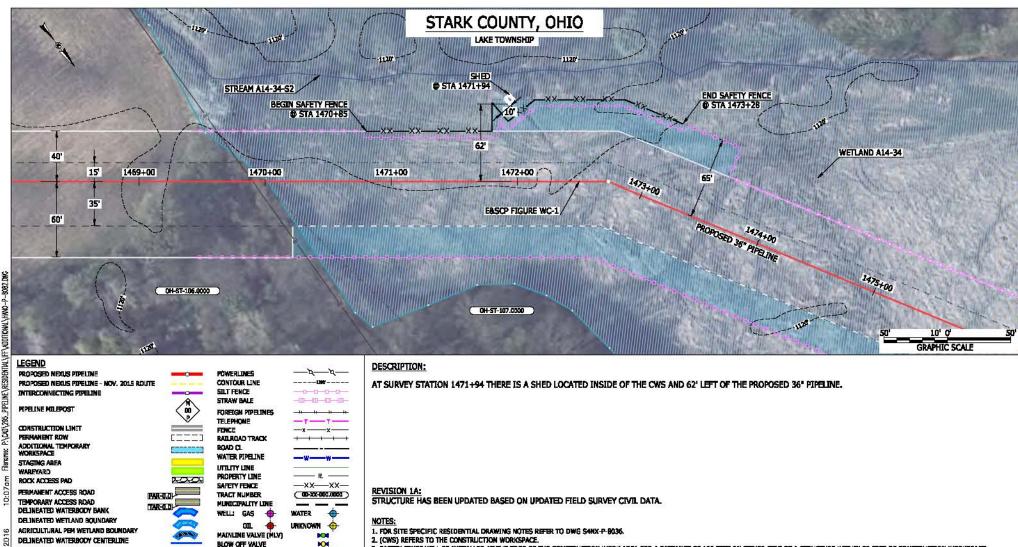
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E-5-73







BEL24568 March 14.

G

APPROXIMATE WATERBODY BANK

STRUCTURES

1A

1 0

REV.#

APPROXIMATE WETLAND BOUNDARY

APPROXIMATE WATERBODY CENTERLINE

ISSUED FOR FERC 15MAR16 ISSUED FOR FERC 23FEB16 ISSUED FOR FERC 23FEB16 DESCRIPTION DATE

HORIZONTAL DIRECTIONAL DRILLING

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PROJ. ENG.

DRAWN BY:

CHECKED BY: DOB

SCALE: AS SHOWN

VP

RSM

TOWER X

LIGHT POLE () FIRE HYDRAWT

0

MICROWAVE TOWER

TANK

E-5-76

DATE

4. STRUCTURES WITHIN CWS WILL BE RENOVED, RELOCATED OR PROTECTED PER LAND OWNER AGREEMENT.

LOC. STARK COUNTY, OHIO

W.O.

TITLE:

YR.: 2017

3. SAFETY FENCE WILL BE INSTALLED AT THE EDGE OF THE CONSTRUCTION WORK AREA FOR A DISTANCE OF 100 FEET ON EITHER SIDE OF A STRUCTURE WITHIN 50 FEET OF CONSTRUCTION WORKSPACE.

6. THE FINAL LOCATION OF BROSION CONTROL DEVICES (ECD's) WILL BE DETERMINED BY THE CONTRACTOR DURING CONSTRUCTION IN ACCORDANCE WITH THE EASCP AND PROJECT REQUIREMENTS.

AND IN CONSULTATION WITH THE ENVIRONMENTAL INSPECTOR AS NEEDED. THE LOCATION OF ECD'S DEPICTED ON THIS PLAN ARE INTENDED FOR GUIDANCE PURPOSES ONLY.

NEXUS GAS TRANSMISSION PROJECT

RESIDENTIAL DRAWING MP 27.8 TO MP 27.96

5. SHRUBS, TREES, OTHER LANDSCAPENG, FENCES, DRIVEWAYS, STONE WALLS, SIDEWALKS, WATER SUPPLY AND SEPTIC SYSTEMS WITHIN THE CWS WILL BE RESTORED PER AGREEMENT WITH THE LANDOWNER.

REV:1A

DWG.NO. HANO-P-8082

GAS TRANSMISSION

# GENERAL

IN GENERAL, THE FOLLOWING MEASURES WILL BE TAKEN ON RESIDENTIAL PROPERTIES:

- LOCAL RESIDENTS WILL BE NOTIFIED OF THE PROPOSED CONSTRUCTION SCHEDULE IN ADVANCE OF CONSTRUCTION
   ACTIVITIES.
- SAFETY FENCE WILL BE INSTALLED ALONG THE EDGE OF THE CONSTRUCTION WORKSPACE (CWS) FOR A MINIMUM OF 100 FEET ON BOTH SIDES OF RESIDENCES, TO MAINTAIN EQUIPMENT, MATERIAL AND SPOIL WITHIN THE CWS.
- PRESERVE ALL MATURE TREES AND LANDSCAPING WHERE PRACTICAL, CONSISTENT WITH CONSTRUCTION SAFETY. UNLESS OTHERWISE AGREED WITH THE LANDOWNER.
- COMPLETE INSTALLATION OF WELDED PIPELINE SECTIONS AS QUICKLY AS REASONABLY POSSIBLE, CONSISTENT WITH PRUDENT PIPELINE CONSTRUCTION PRACTICES, TO MINIMIZE CONSTRUCTION TIME AFFECTING RESIDENCES.
- BACKFILL THE TRENCH AS SOON AS THE PIPELINE IS INSTALLED OR PLACE TEMPORARY STEEL PLATES OVER THE TRENCH TO MAINTAIN LAND OWNER ACCESS, AS NECESSARY.
- COMPLETE FINAL CLEANUP (INCLUDING FINAL GRADING) AND INSTALLATION OF PERMANENT EROSION CONTROL MEASURES WITHIN 10 DAYS AFTER THE TRENCH IS BACKFILLED, WEATHER CONDITIONS PERMITTING.
- CONFIGURE USE OF CWS TO PROVIDE ACCESS FOR EMERGENCY VEHICLES AND TO RESIDENTIAL DRIVEWAYS, INCLUDING MATERIALS AVAILABLE ON SITE TO PROVIDE TEMPORARY BRIDGING ACROSS THE PIPELINE TRENCH IF NECESSARY.
- ACCESS TO HOMES WILL BE MAINTAINED DURING CONSTRUCTION EXCEPT FOR THE BRIEF PERIOD ESSENTIAL FOR LAYING THE NEW PIPELINE. IN WHICH CASE HOME OWNERS WILL BE NOTIFIED IN ADVANCE.
- WHERE THE PIPELINE FACILITIES CROSS RESIDENTIAL PROPERTIES, TOPSOIL WILL BE STRIPPED AND STOCKPILED SEPARATELY FROM THE SUBSOIL DURING GRADING WITHIN THE CONSTRUCTION WORKSPACE.
- DISTURBED RESIDENTIAL LAWNS WILL BE RESEEDED WITH A SEED MIXTURE ACCEPTABLE TO LANDOWNER OR COMPARABLE TO THE ADJOINING LAWN.
- FOR EROSION AND SEDIMENTATION TYPICAL FIGURES REFER TO DWG ES-0001 THRU DWG ES-0038.

# CONSTRUCTION TECHNIQUES

P:\CAD\295\_PIFELINE\RESIDENTIAL\FF\S4NX-P-BO36.0WC

2016

- EXCAVATION OF THE PIPELINE TRENCH WILL NOT BE INITIATED UNTIL THE PIPE IS READY FOR INSTALLATION IN LOCATIONS WHERE THE PIPELINE CENTERLINE IS WITHIN 25 FEET OF A RESIDENCE.
- ONE OF THE FOLLOWING TECHNIQUES SHALL BE UTILIZED FOR A LONGITUDINAL DISTANCE OF 100 FEET EITHER SIDE OF AN OCCUPIED RESIDENTIAL STRUCTURE LOCATED WITHIN 50 FEET OF THE CWS:
  - STOVE-PIPE CONSTRUCTION TECHNIQUE THIS TECHNIQUE IS TYPICALLY USED WHEN THE PIPELINE IS TO BE INSTALLED IN VERY CLOSE PROXIMITY TO AN EXISTING STRUCTURE AND AN OPEN TRENCH WOULD HAVE AN ADVERSE EFFECT. THE TECHNIQUE INVOLVES INSTALLING ONE JOINT OF PIPE AT A TIME, IN WHICH THE WELDING, WELD INSPECTION, AND COATING ACTIVITIES ARE ALL PERFORMED IN THE OPEN TRENCH, THEREBY REDUCING THE WIDTH OF THE CONSTRUCTION ROW.
  - DRAG SECTION TECHNIQUE THIS TECHNIQUE IS ANOTHER METHOD THAT REDUCES THE WIDTH OF THE CONSTRUCTION ROW AND IS NORMALLY PREFERRED OVER THE STOVE-PIPE METHOD. THIS TECHNIQUE INVOLVES TRENCHING, INSTALLATION OF A PREFABRICATED LENGTH OF PIPE CONTAINING SEVERAL SEGMENTS, AND BACKFILLING, ALL IN ONE DAY.

### WORKSPACE RESTRICTIONS

- EXISTING STRUCTURES INCLUDING BUT NOT LIMITED TO; FENCES, SHEDS, SWING-SETS, TRAMPOLINES, SHRUBBERY, TREES, GARDENS, FLOWERBEDS, POOLS WILL BE REMOVED FROM THE CWS. LANDOWNERS WILL BE MADE AWARE OF WHAT WILL BE RELOCATED DURING NEGOTIATIONS FOR TEMPORARY WORKSPACE AND DAMAGES.
- STRUCTURES WITHIN THE EXISTING PERMANENT EASEMENT AREA WILL BE ALLOWED TO BE RETURNED TO THE EXISTING PERMANENT EASEMENT PROVIDED THEY ARE NOT IN VIOLATION OF NEXUS' EXISTING PERMANENT EASEMENT RIGHTS THAT WILL BE MADE AVAILABLE TO LANDOWNERS UNLESS OTHERWISE AGREED WITH THE LAND OWNER.
- STRUCTURES OUTSIDE OF THE EXISTING PERMANENT EASEMENT; HOWEVER, WITHIN THE CONSTRUCTION WORKSPACE, WILL BE REPLACED AS CLOSE TO AS PRACTICABLE TO THEIR PREVIOUS LOCATIONS.
- REMOVAL AND REPLACEMENT RESPONSIBILITIES WILL BE ISSUES THAT ARE NEGOTIATED WITH EACH LANDOWNER.

### ANTICIPATED CONSTRUCTION SCHEDULE

- PIPELINE CONSTRUCTION WORK IS TYPICALLY SCHEDULED TO TAKE ADVANTAGE OF DAYLIGHT HOURS, GENERALLY STARTING AT 7:DD A.M. AND COMPLETING AT 6:00 P.M. (6 DAYS A WEEK).
- AFFECTED LANDOWNERS WILL BE NOTIFIED IMMEDIATELY IF CONSTRUCTION WORK EXTENDS BEYOND THESE WORK HOURS.

### PUBLIC SAFETY CONSIDERATIONS

- TRAFFIC CONTROL WILL CONSIST OF DEVICES OUTLINED IN STATE AND LOCAL CODES ACCOMPANIED BY LOCAL LAW ENFORCEMENT DETAILS AND QUALIFIED FLAGMEN TO SAFELY COORDINATE TRANSPORT OF PIPELINE CONSTRUCTION PERSONNEL, EQUIPMENT AND MATERIAL (CONSTRUCTION ACTIVITIES WILL NOT UNDULY OBSTRUCT OR RESTRUCT)
- SITE SECURITY WILL BE EVALUATED ON A CASE BY CASE BASIS, EMPLOYING DAILY AND/OR 24 HOUR QUALIFIED SECURITY SERVICES AS REQUIRED. NEXUS WILL STAFF A LANDOWNER HOTLINE TO RECEIVE LANDOWNER CONSTRUCTION CONCERNS. THE TOLL-FREE LANDOWNER HOTLINE IS (844) 589-365S. THE LANDOWNER HOTLINE WILL BE STAFFED MONDAY THROUGH FRIDAY FROM 7 A.M. TO 5 P.M. AND ON SATURATY FROM 7 A.M. TO 12 P.M. BY NEXUS RIGHT OF WAY PERSONNEL. OUTSIDE OF THESE HOURS, A CALL FORWARDING SYSTEM WILL BE AVAILABLE TO RECEIVE CALLS AND PAGE THE COMPLAINT RESOLUTION COORDINATOR. ALL CALLS WILL BE RETURNED WITHIN 24 HOURS OF RECEIPT.

### OTHER CONSIDERATIONS

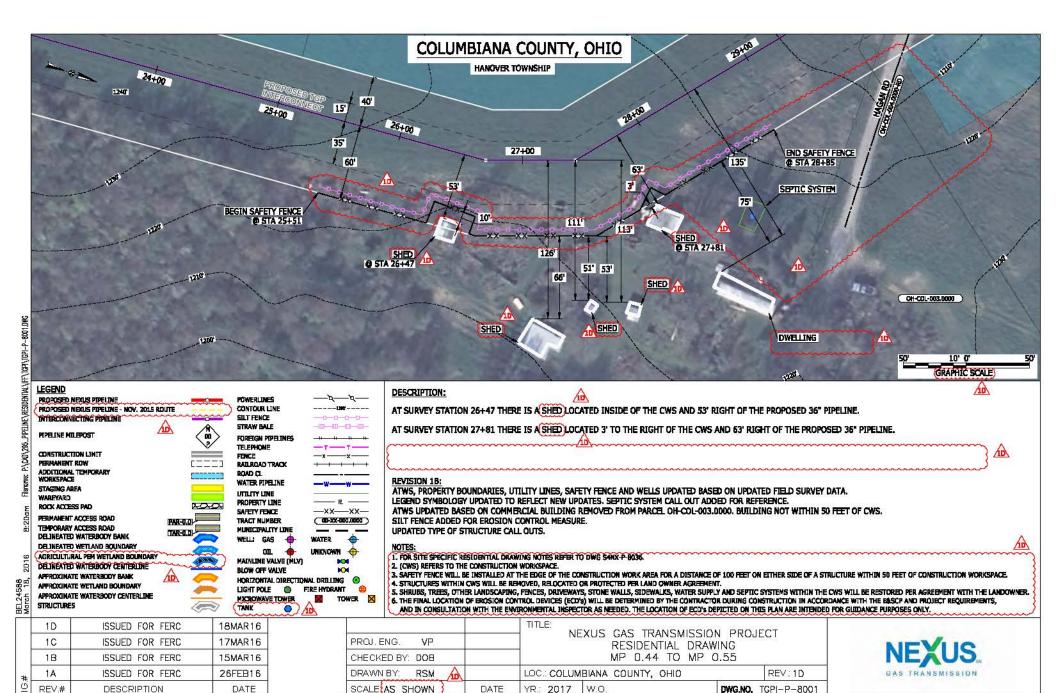
- FUGITIVE DUST WILL RESULT FROM LAND CLEARING, GRADING, EXCAVATION, CONCRETE WORK, AND VEHICLE TRAFFIC ON PAYED AND UNPAYED ROADS. THE AMOUNT OF DUST GENERATED WILL BE A FUNCTION OF CONSTRUCTION ACTIVITY, SOIL TYPE, SOIL MOISTURE CONTENT, WIND SPEED, PRECIPITATION, VEHICLE TRAFFIC, VEHICLE TYPES, AND ROADWAY CHARACTERISTICS. NEXUS WILL EMPLOY PROVEN CONSTRUCTION RELATED PRACTICES TO CONTROL RUGTIVE DUST SUCH AS APPLICATION OF WATER OR OTHER COMMERCIALLY AVAILABLE DUST CONTROL AGENTS ON UNPAVED AREAS SUBJECT TO FREQUENT VEHICLE TRAFFIC.
- NOISE MITIGATION MEASURES TO BE EMPLOYED DURING CONSTRUCTION INCLUDE USE OF SOUND MUFFLING DEVICES THAT ARE PROVIDED AS STANDARD EQUIPMENT BY THE CONSTRUCTION EQUIPMENT MANUFACTURERS. THE CONTRACTOR WILL KEEP THESE SOUND MUFFLING DEVICES IN GOOD WORKING ORDER DURING CONSTRUCTION.
- THE STORAGE OF HAZARDOUS MATERIALS INCLUDING CHEMICALS, FUELS, AND LUBRICATING OILS AND THE REFUELING OF CONSTRUCTION EQUIPMENT IS PROHIBITED WITHIN A 100 FEET OF ALL WATERBODIES, WETLANDS OR DESIGNATED MUNICIPAL WATERSHED AREAS IDENTIFIED IN THE RESIDENTIAL DRAWINGS. IF THE 100-FOOT SETBACK CANNOT BE MET, THIS ACTIVITY MAY BE PERFORMED WITHIN THE 100-FOOT SETBACK WITH ENVIRONMENT INSPECTOR APPROVAL, IF DONE IN ACCORDANCE WITH THE SPILL PREVENTION CONTROL AND COUNTERMEASURE (SPCC) PLAN/PREPAREDNESS, PREVENTION, AND CONTINGENCY (PPC) PLAN.
- ALL BLASTING SHALL BE PERFORMED IN ACCORDANCE WITH NEXUS BLASTING PLAN. NEXUS SHALL CONDUCT PRE-BLAST SURVEYS, WITH LANDOWNER PERMISSION, TO ASSESS THE CONDITIONS OF STRUCTURES, WELLS, SPRINGS, AND UTILITIES WITHIN 150 FEET OF THE PROPOSED CONSTRUCTION RIGHT-OF-WAY. WHERE THIS ENGINEERING ASSESSMENT INDICATES THAT THE RISK TO THE FRAGILE SENSITIVE ELEMENT IS TOO HIGH FOR BLASTING, ALTERNATE HARD-ROCK EXCAVATION METHODS WILL BE USED.

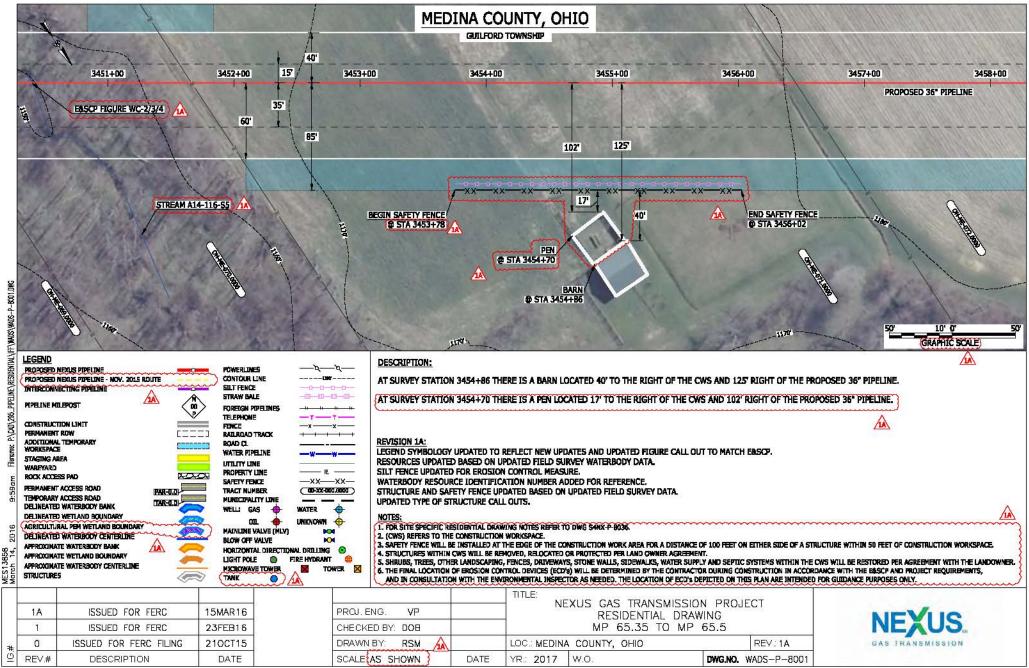
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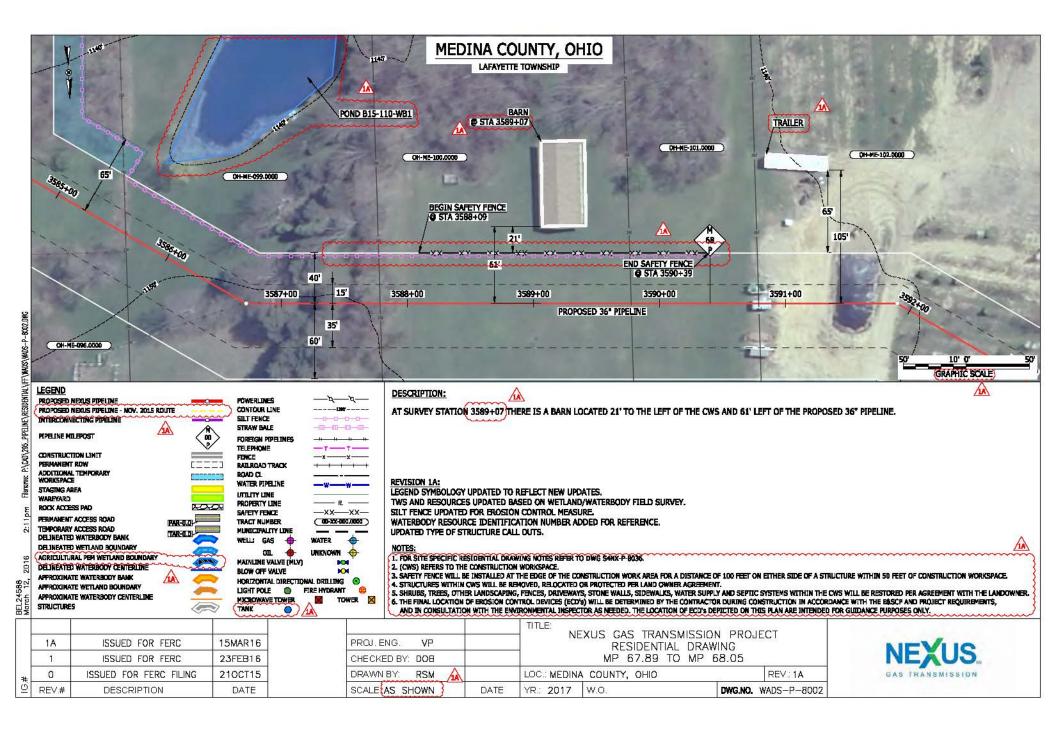
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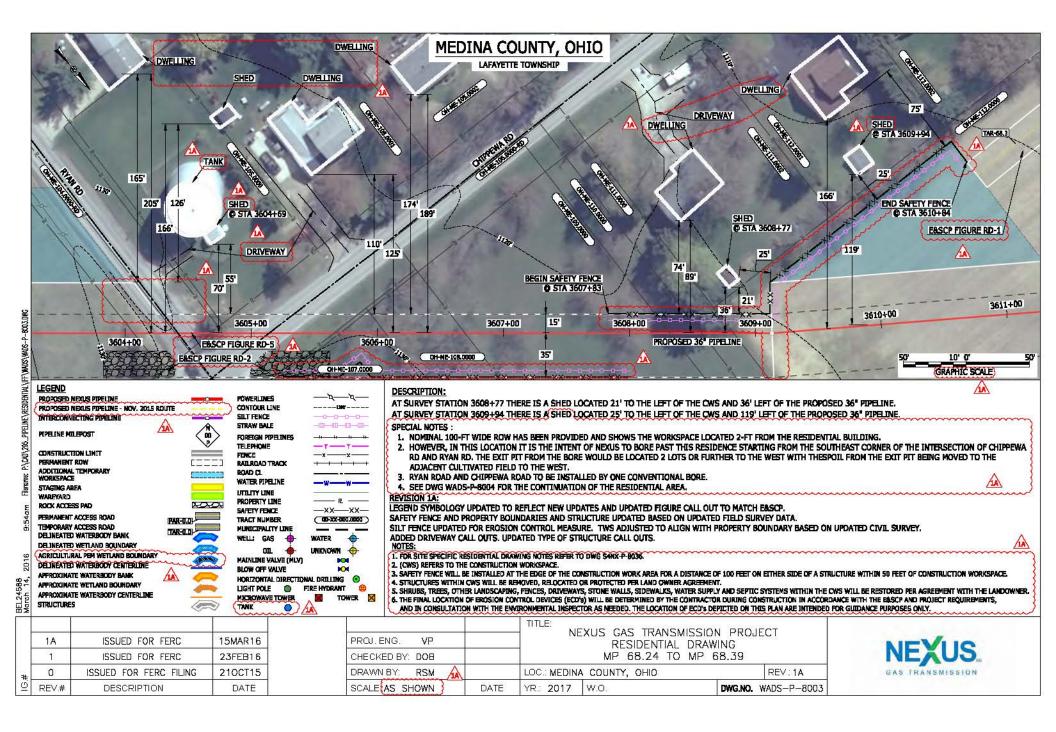
WATER FEATURES IDENTIFIED BY CIVIL SURVEY FIELD CREWS INDICATED BY LIGHT BLUE LINES ON THE RESIDENTIAL DRAWINGS FILED IN NOVEMBER HAVE BEEN REMOVED FROM THE REVISION 1 RESIDENTIAL DRAWINGS TO AVOID CONFUSION WITH JURISDICTIONAL RESOURCES.

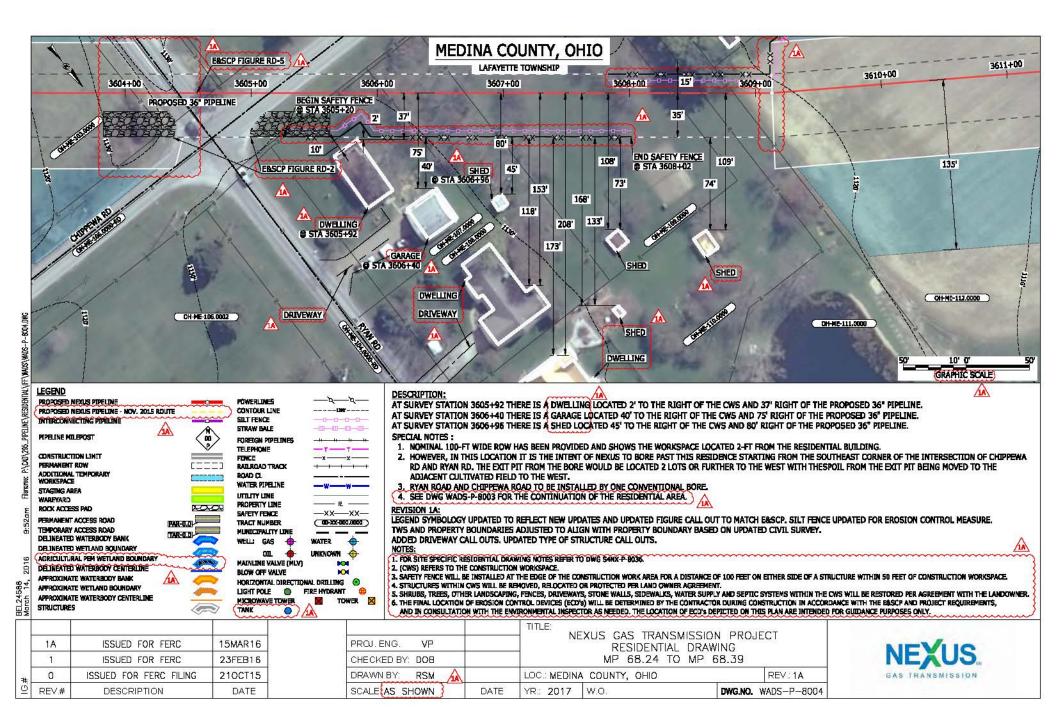
| S.r | 1A<br>1 | ISSUED FOR FERC        | 15MAR16<br>23FEB16 | PROJ.ENG. VP<br>CHECKED BY: DOB |      | - TITLE:<br>NE | TITLE:<br>NEXUS GAS TRANSMISSION PROJECT<br>NOTES FOR SITE SPECIFIC<br>RESIDENTIAL DRAWINGS |                     | REXUS. |
|-----|---------|------------------------|--------------------|---------------------------------|------|----------------|---|---------------------|--------|
| #   | 0       | ISSUED FOR FERC FILING | 03NOV15            | DRAWN BY: RSM                   |      | LOC.: N/A      |   | REV.: 1A            |        |
| Ø   | REV.#   | DESCRIPTION            | DATE               | SCALE: NTS                      | DATE | YR.: 2017      | W.O.  | DWG.NO. S4NX-P-8036 |        |

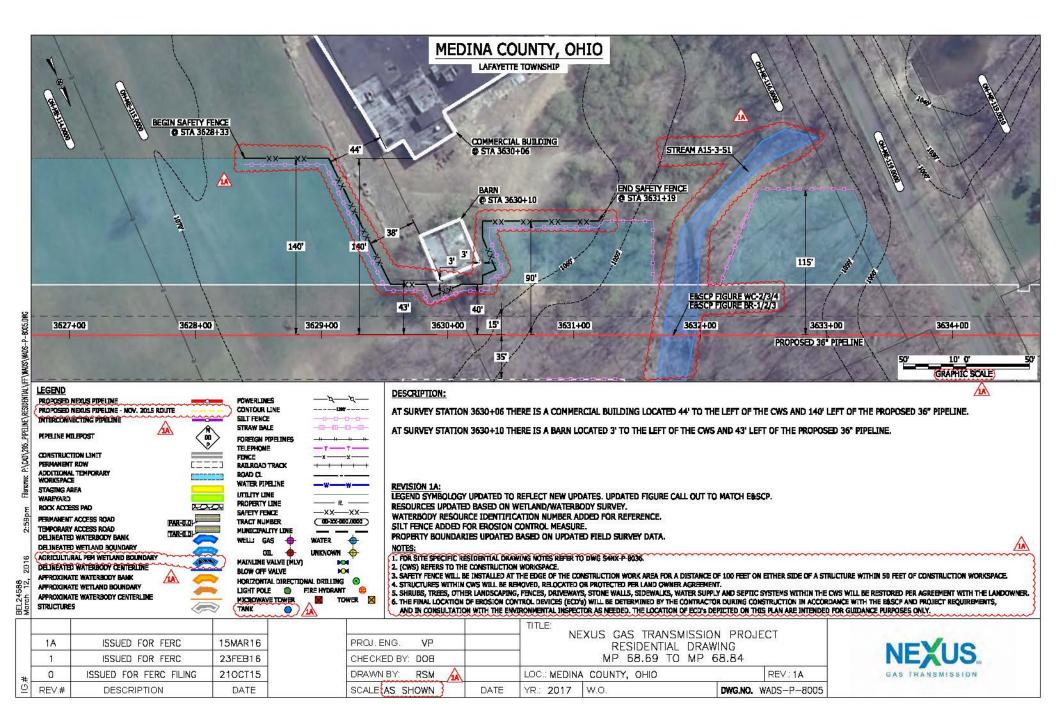


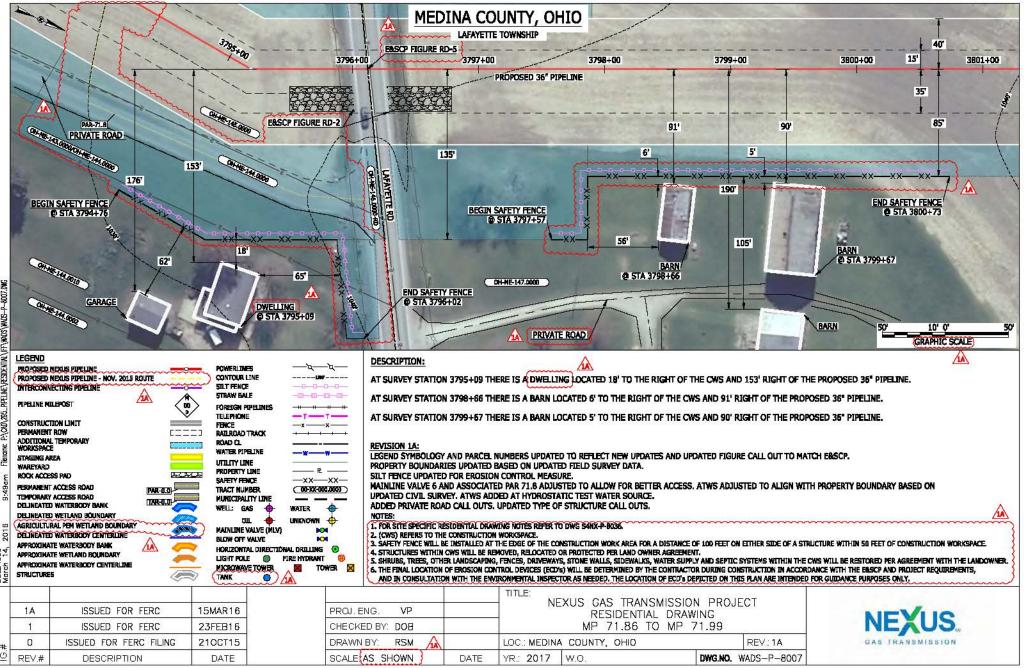






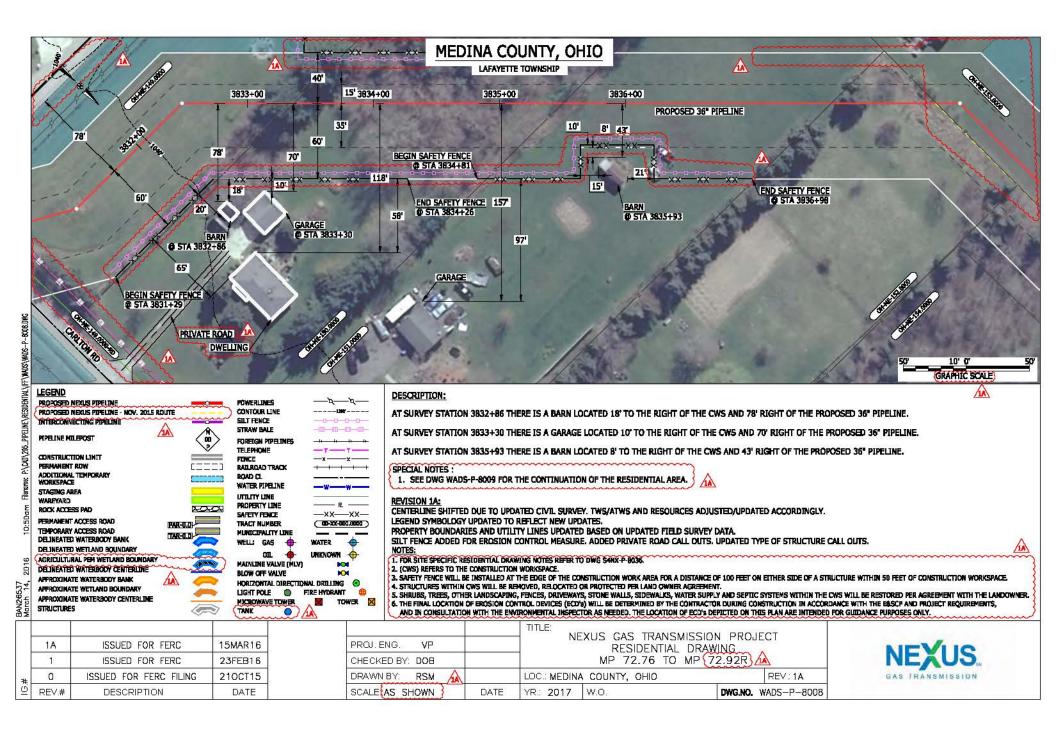


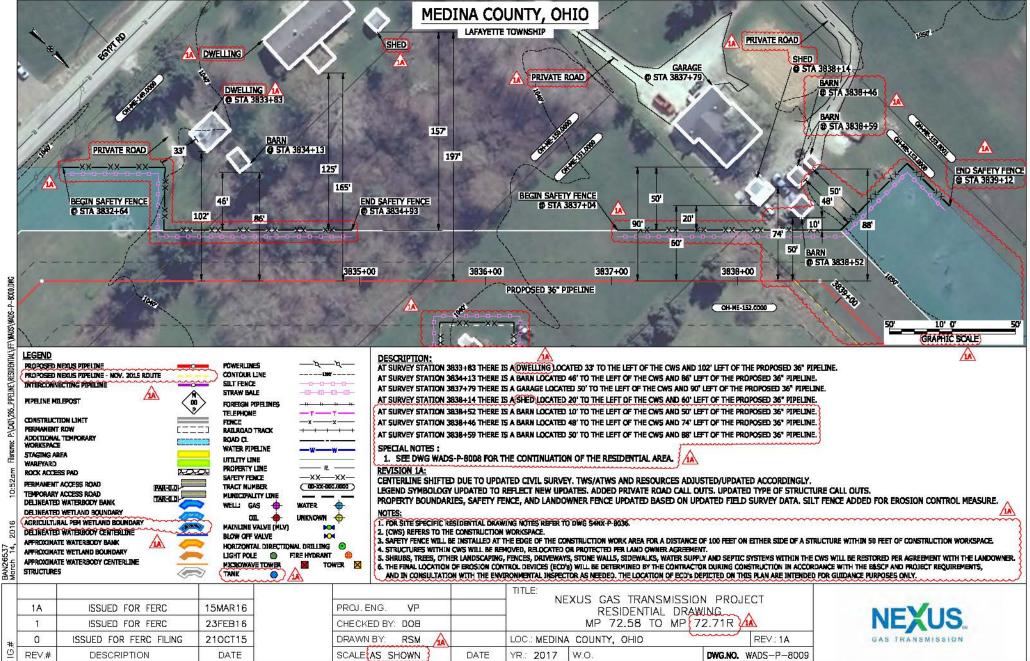


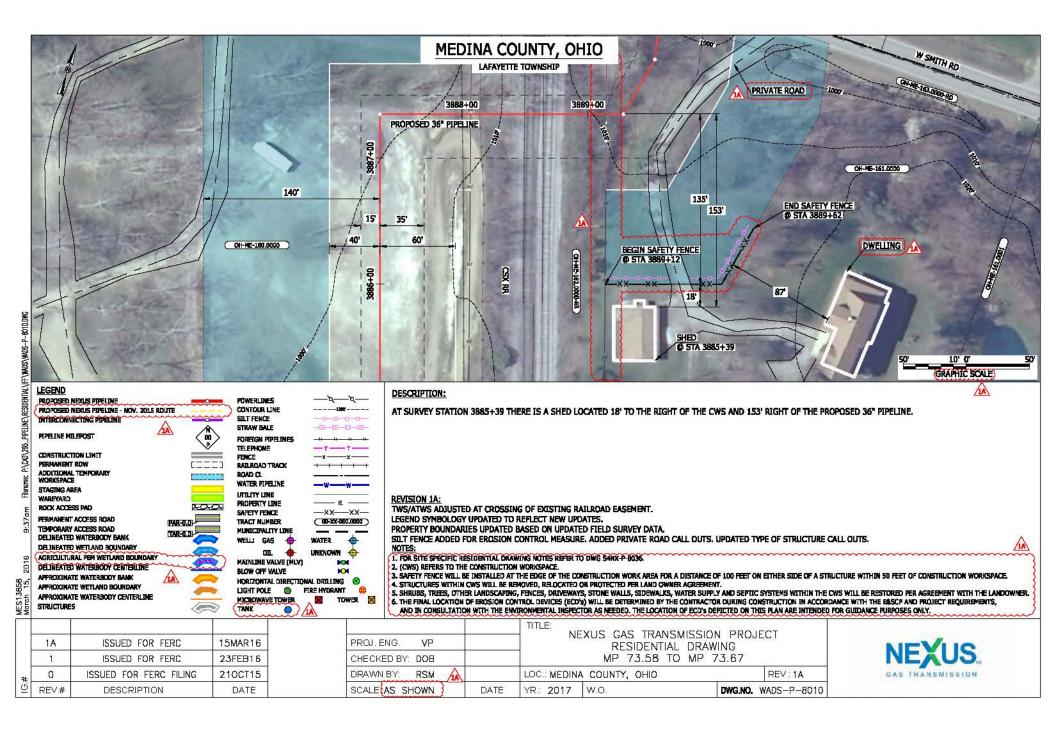


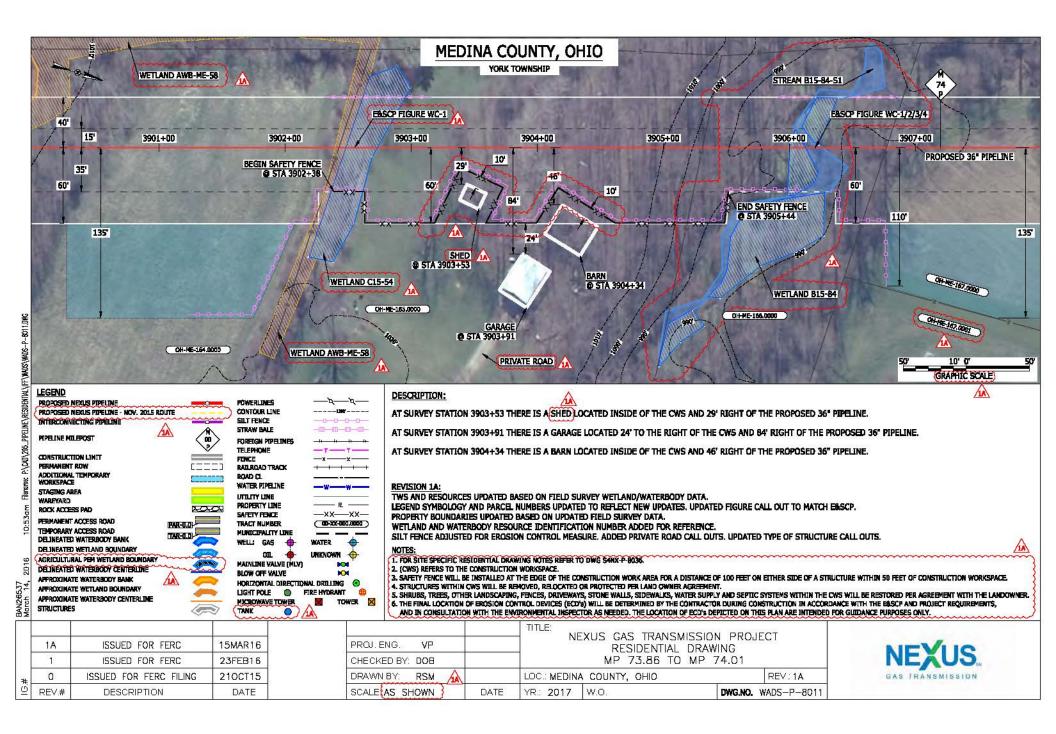
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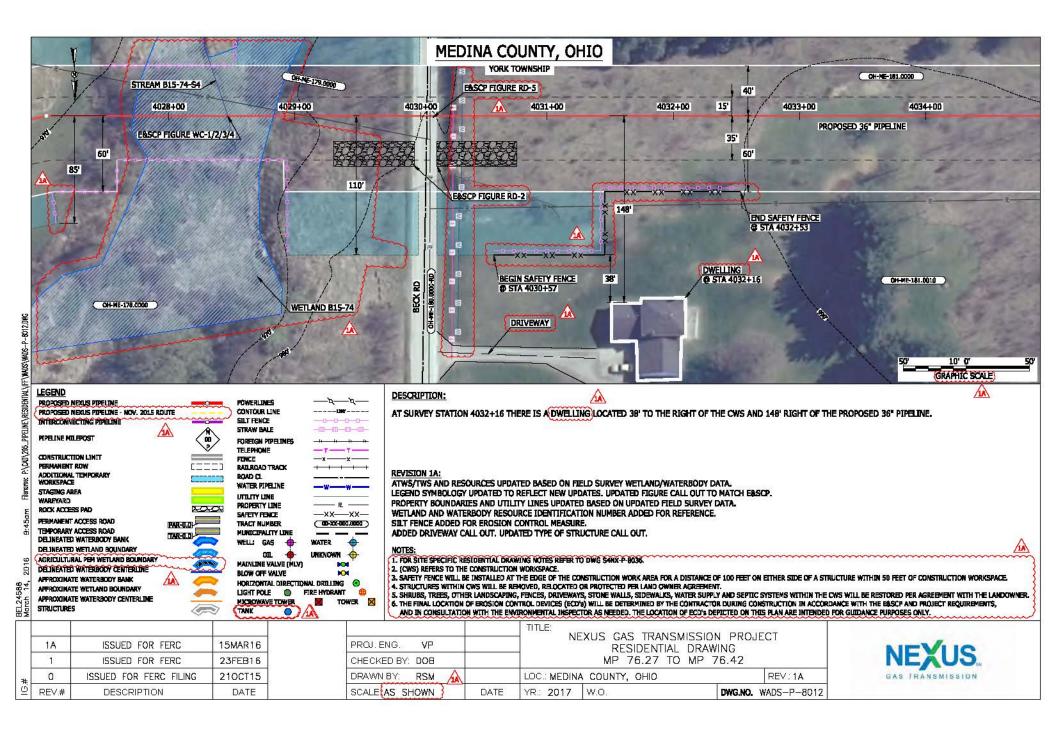
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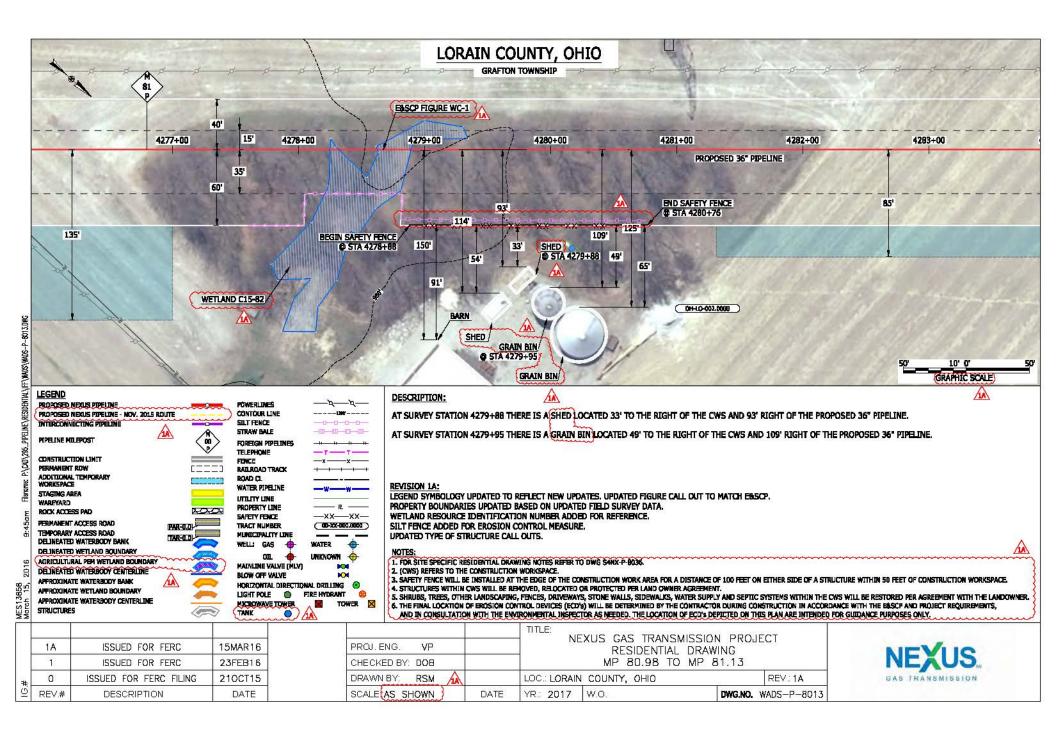


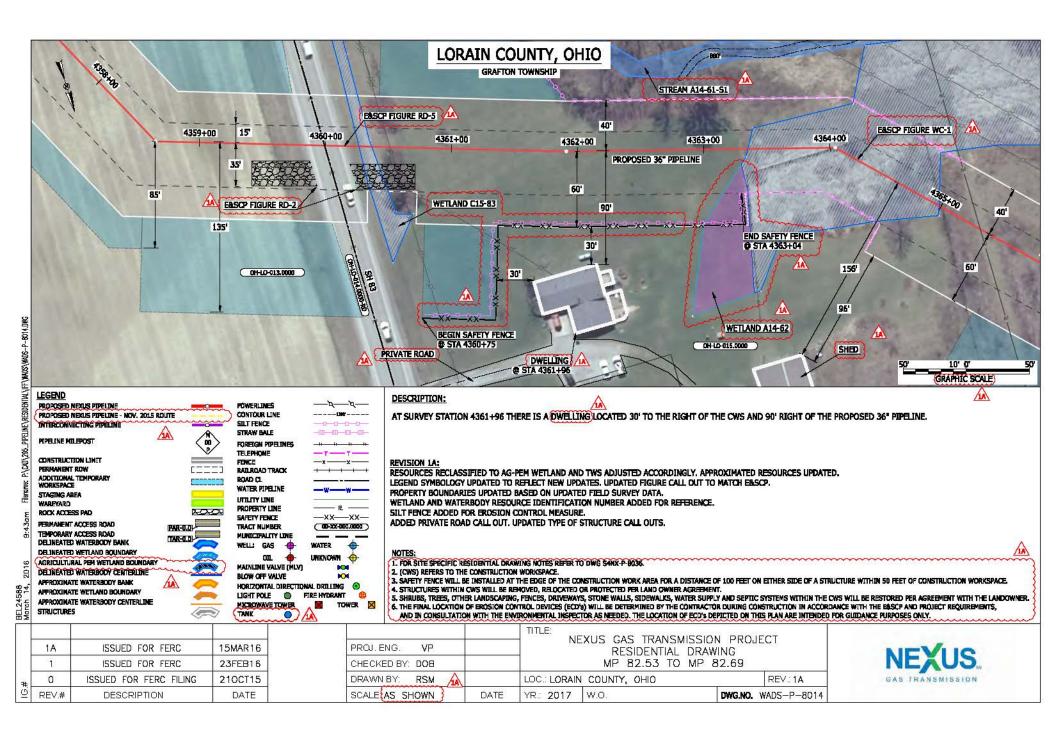


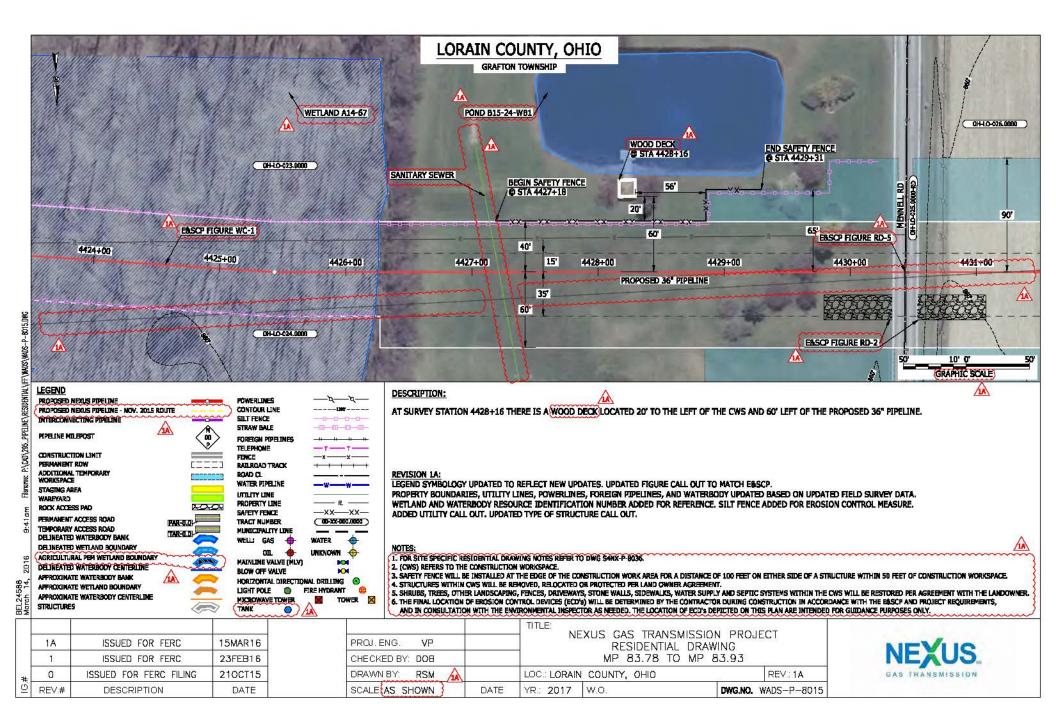


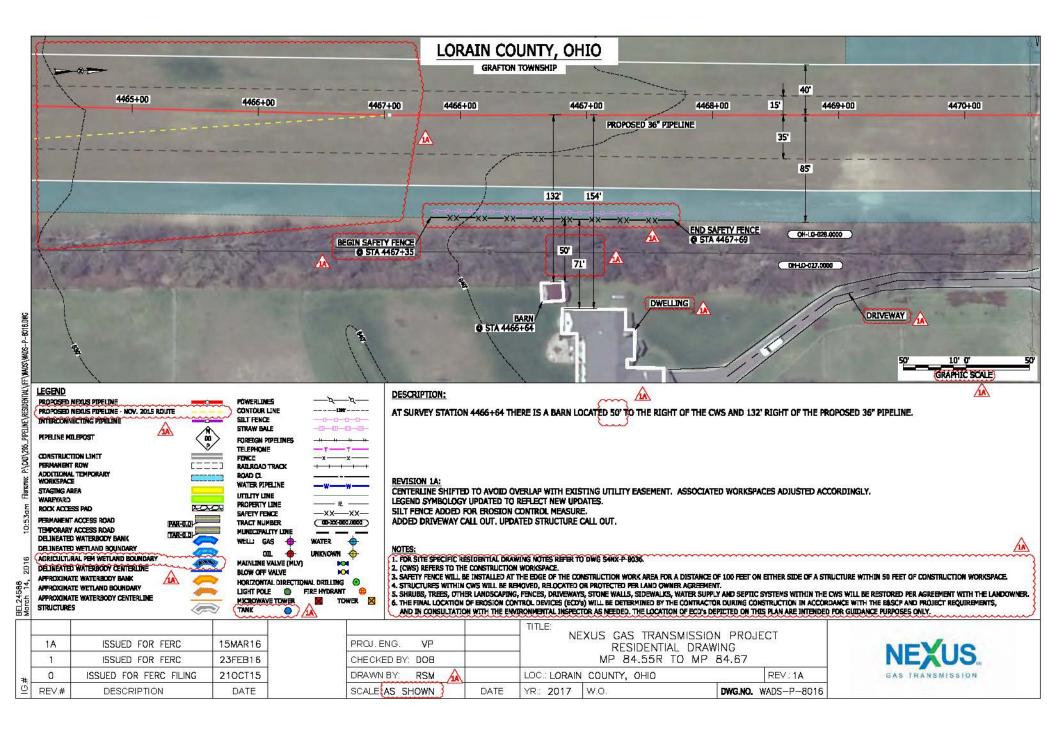


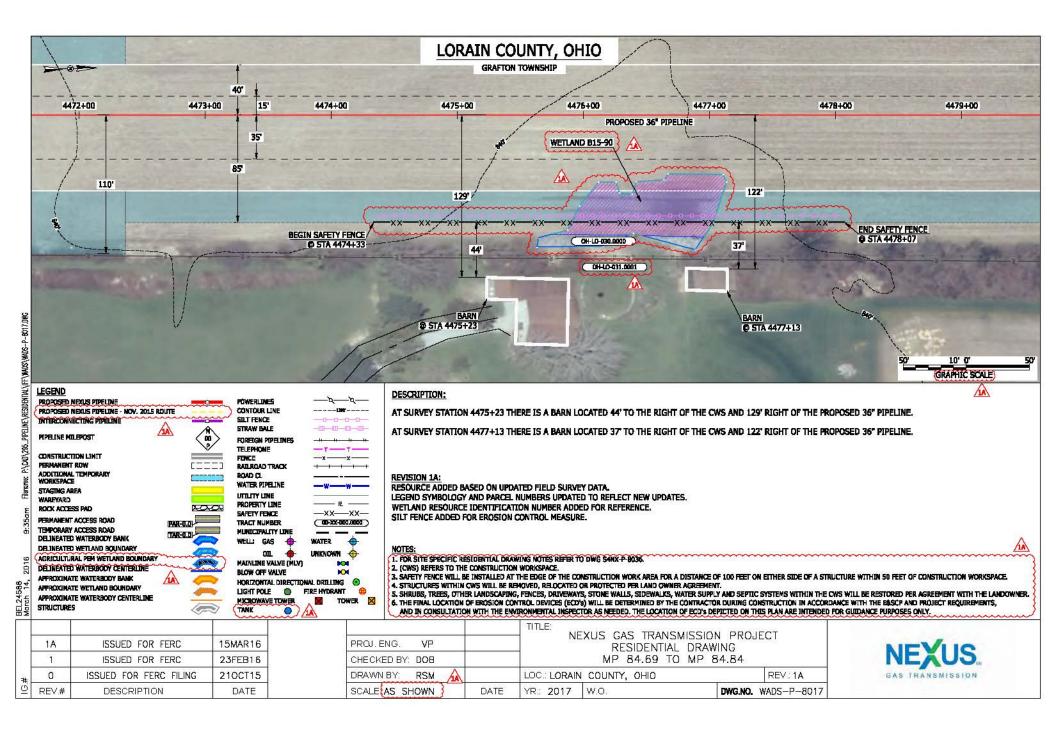


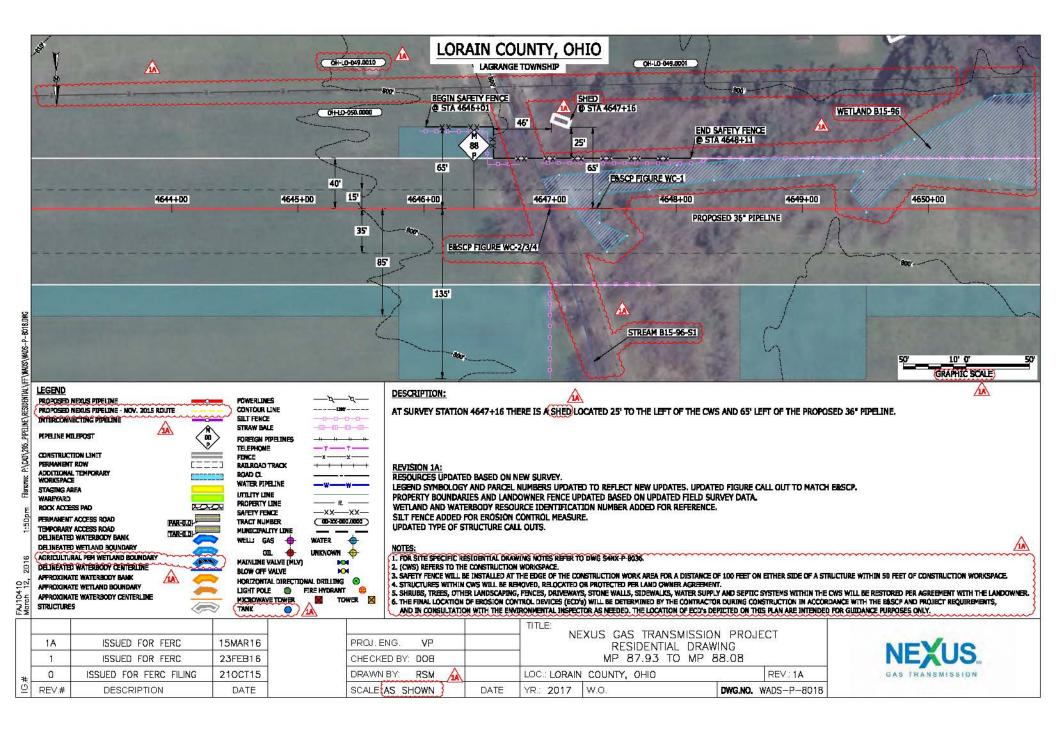


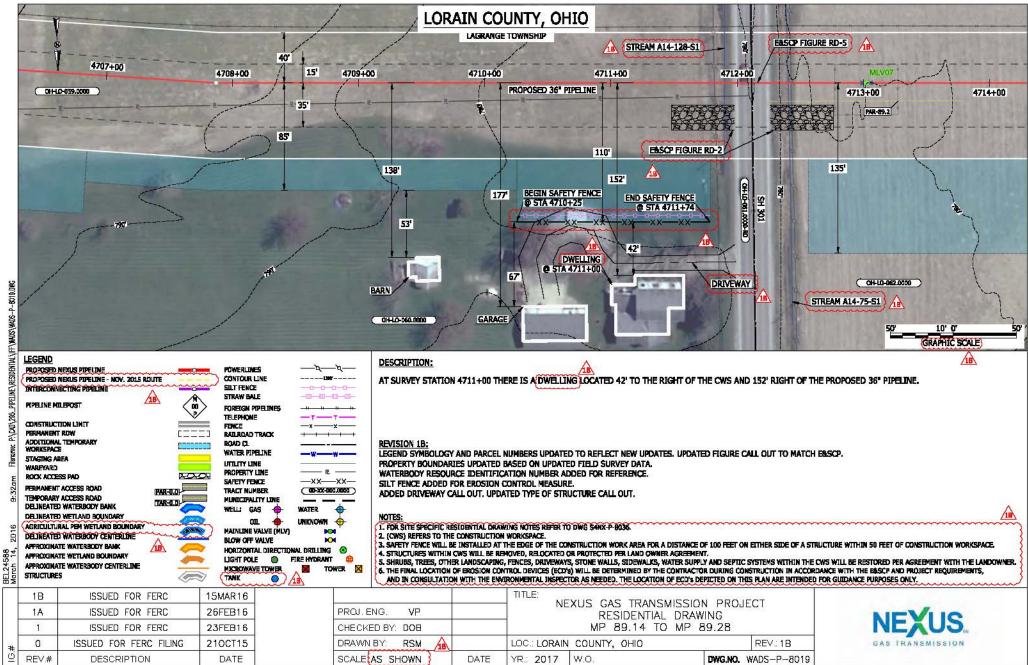


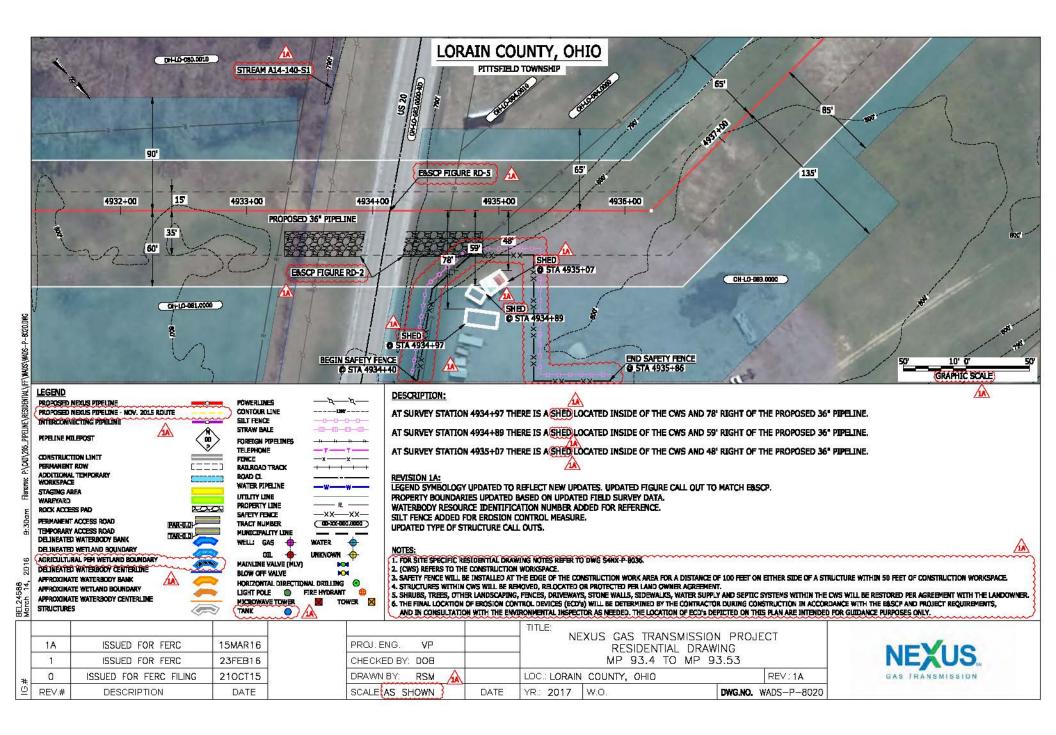


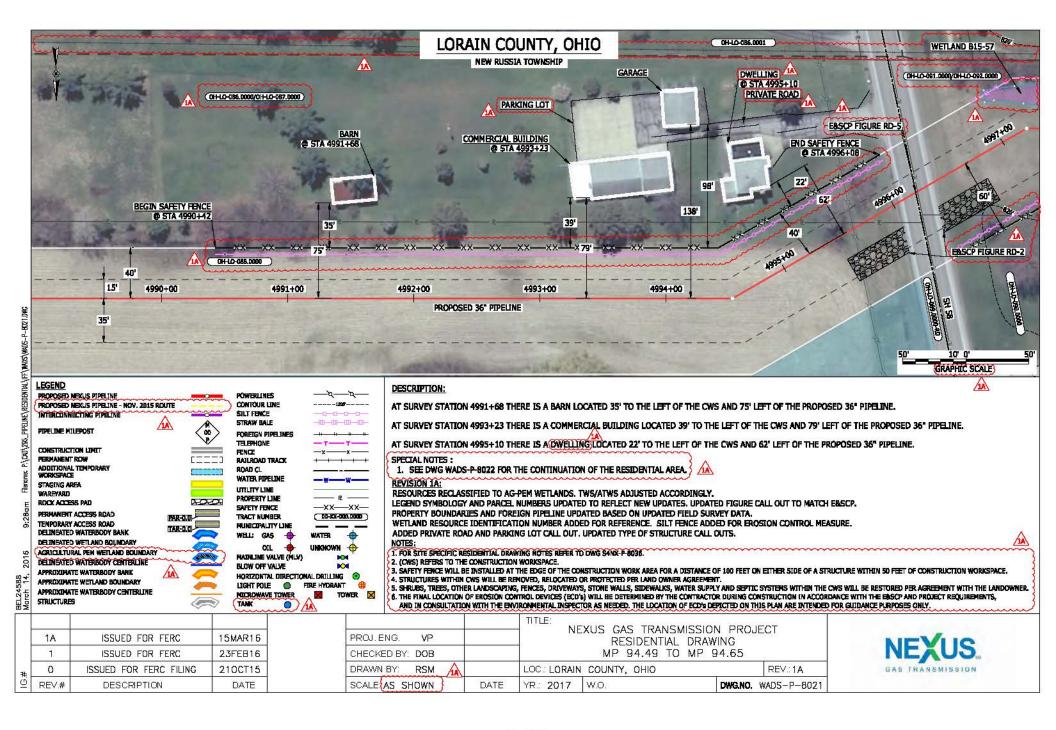


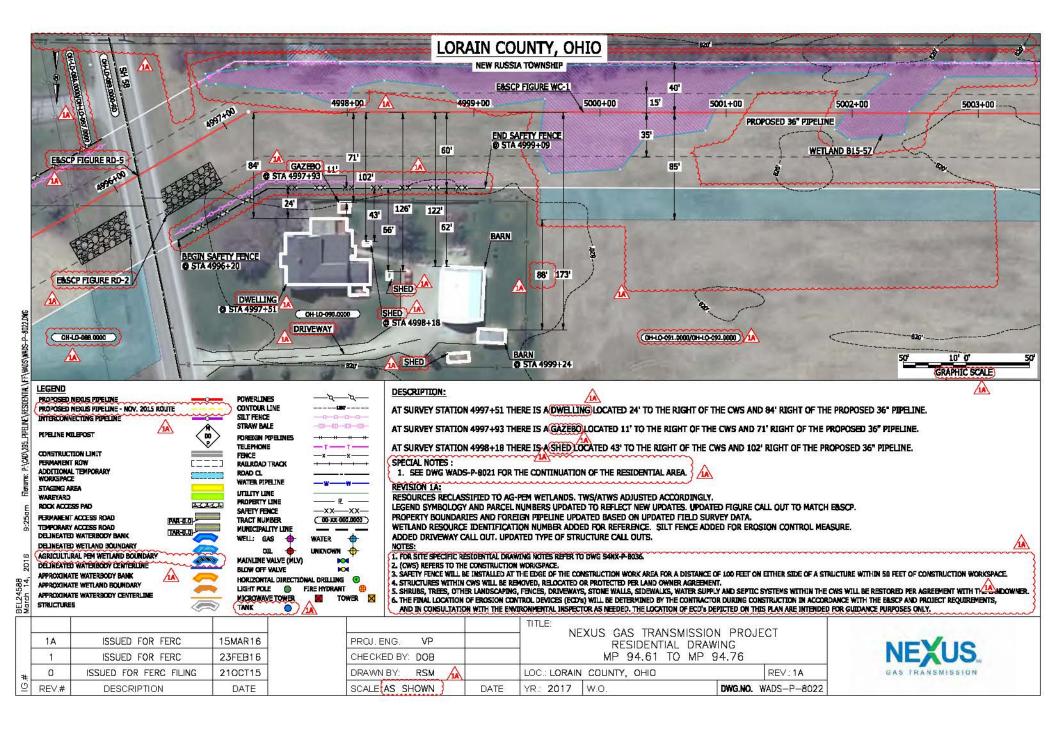


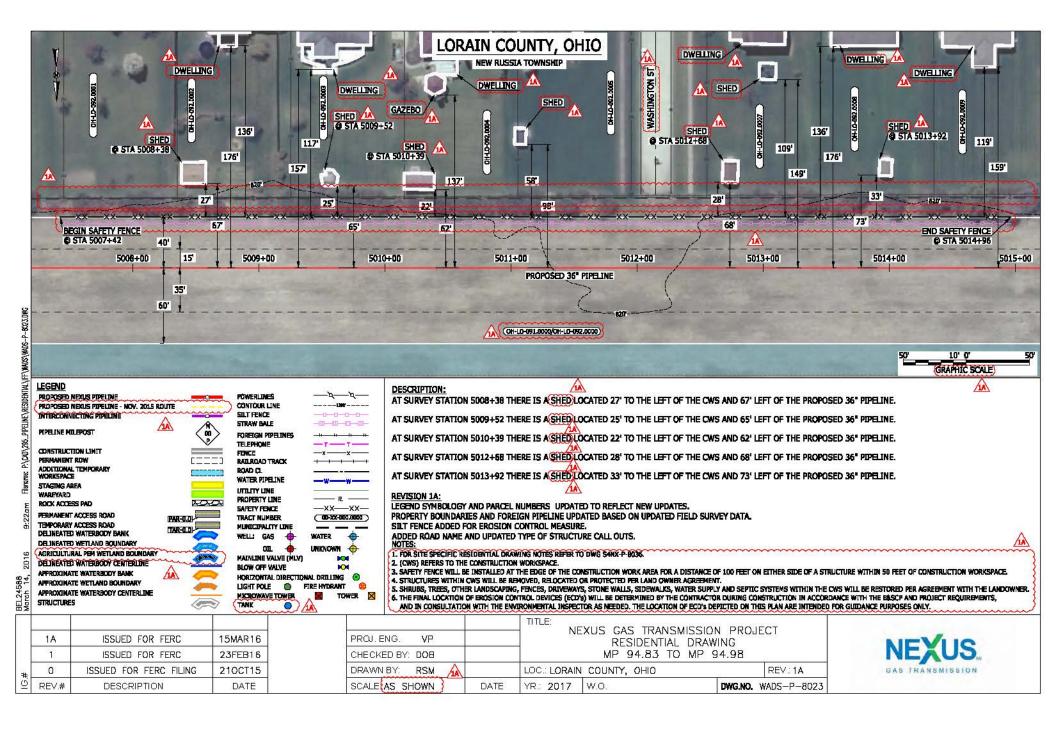


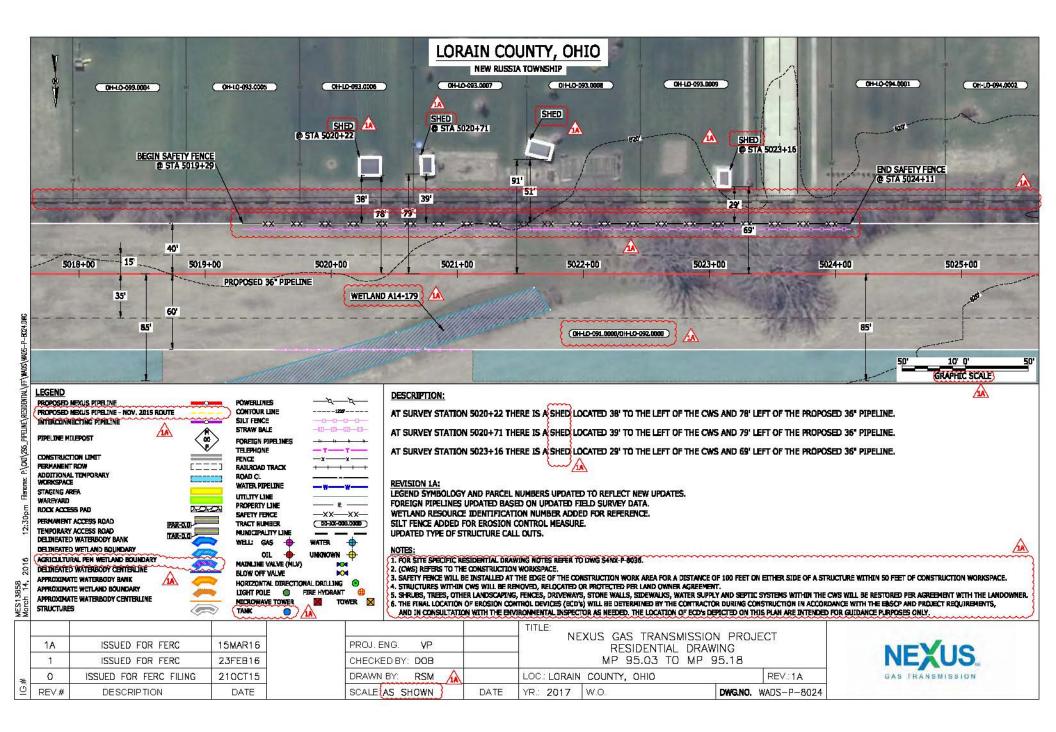


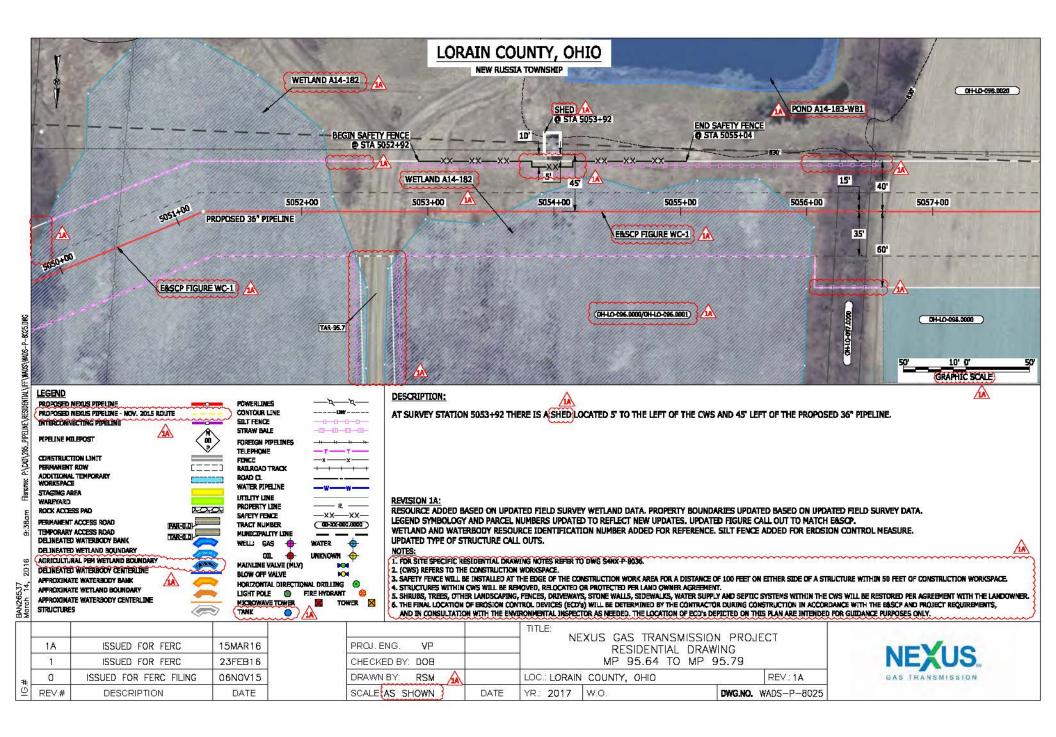


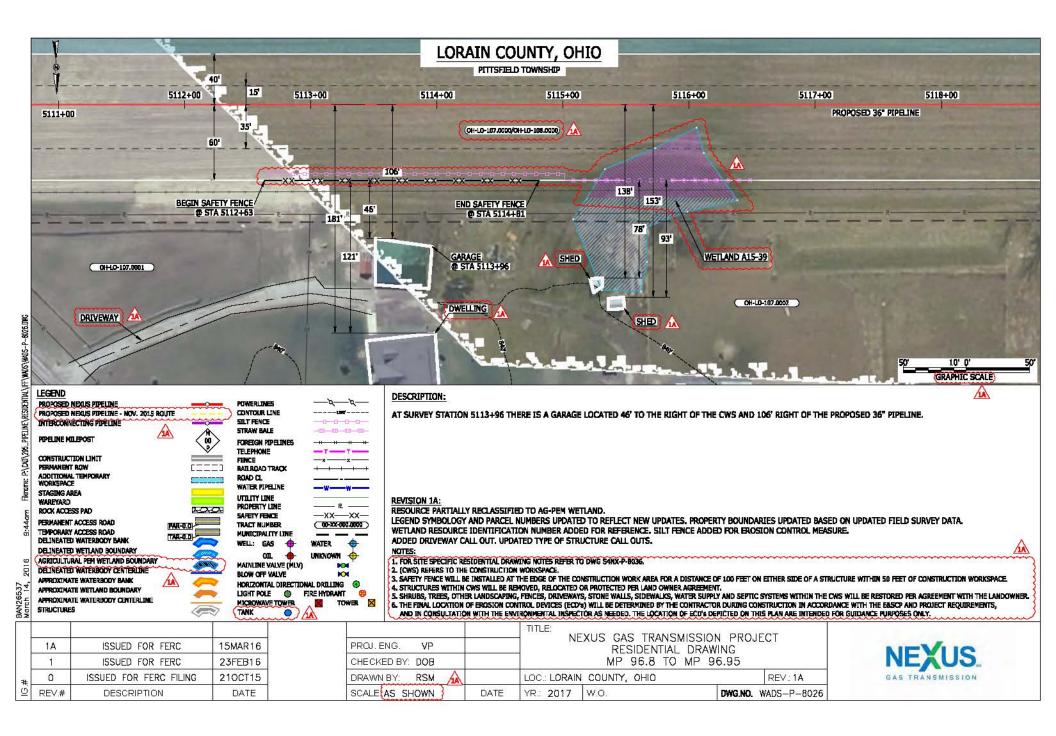


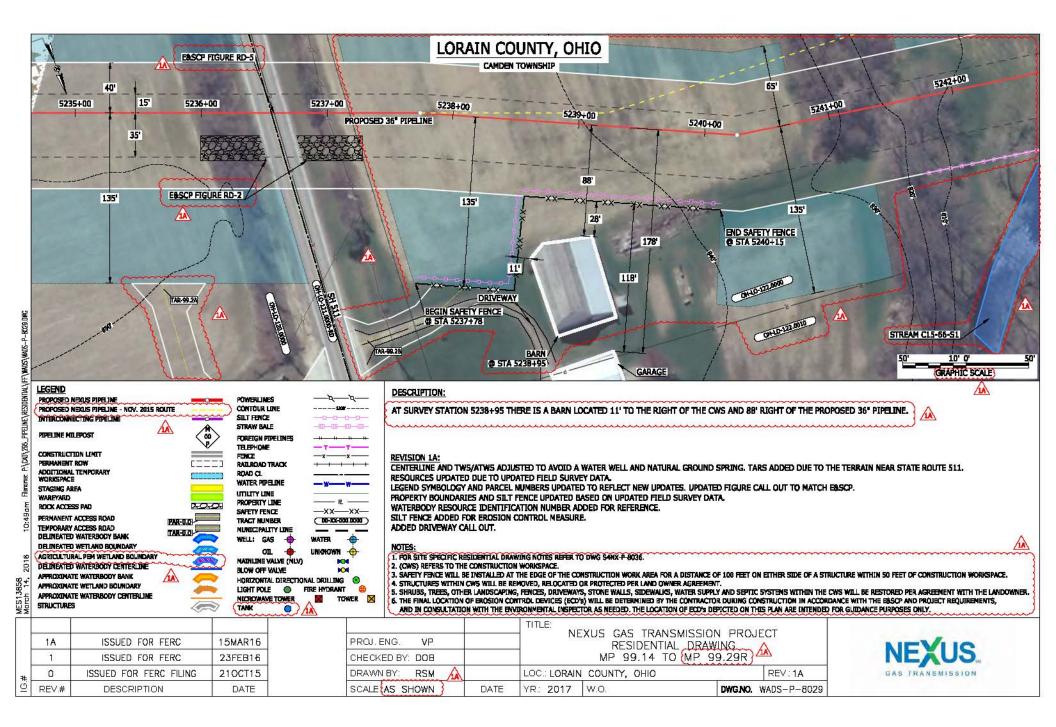


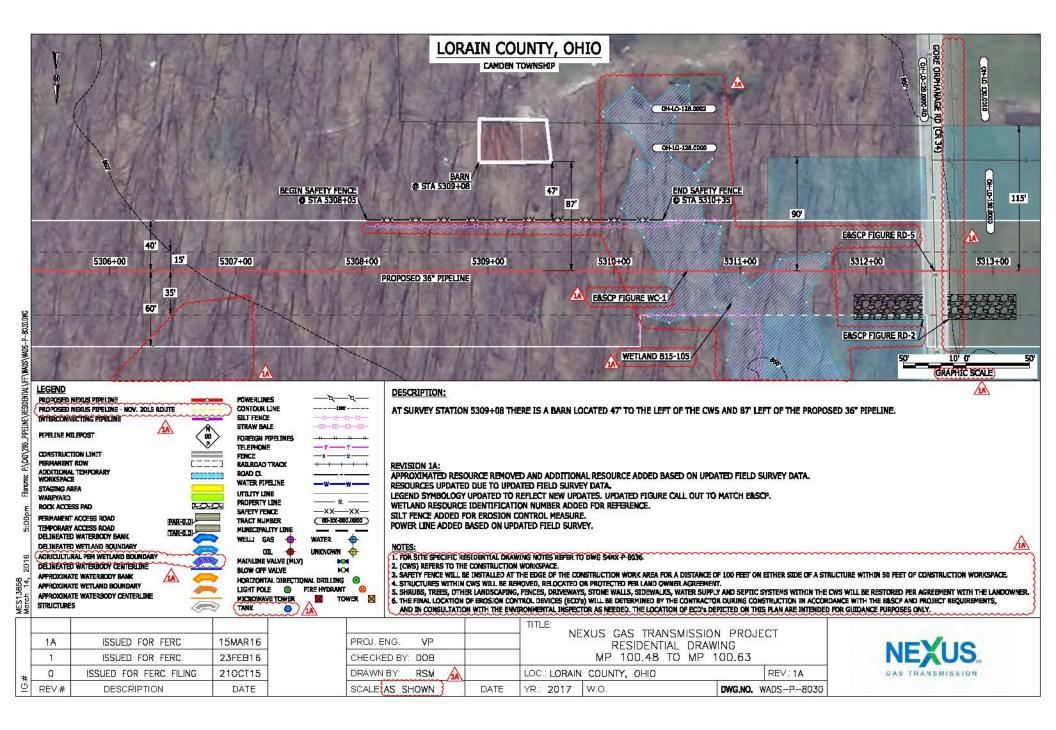




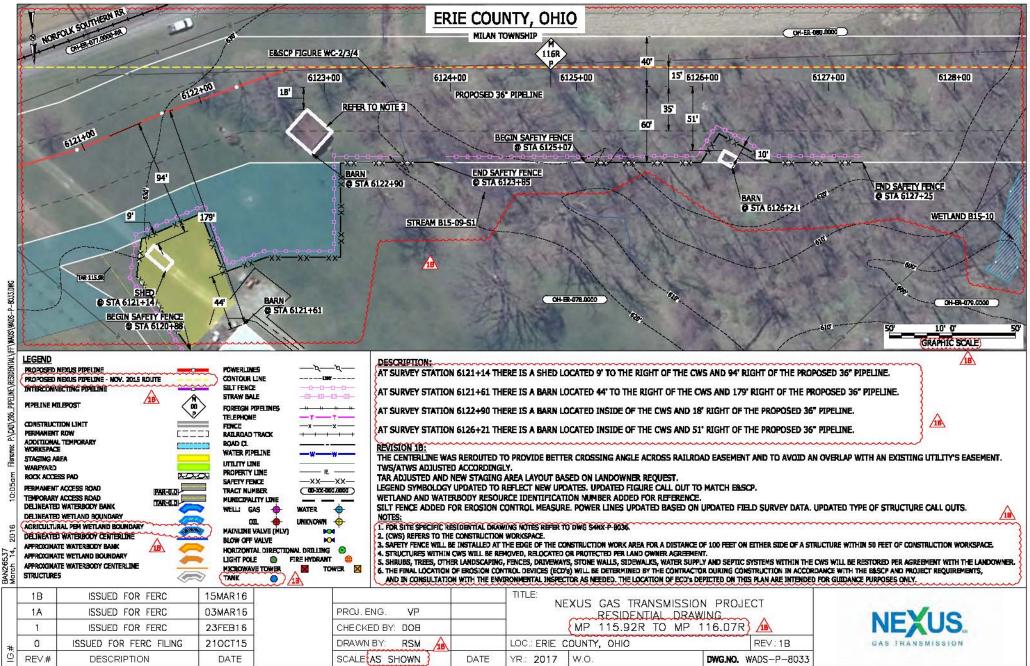


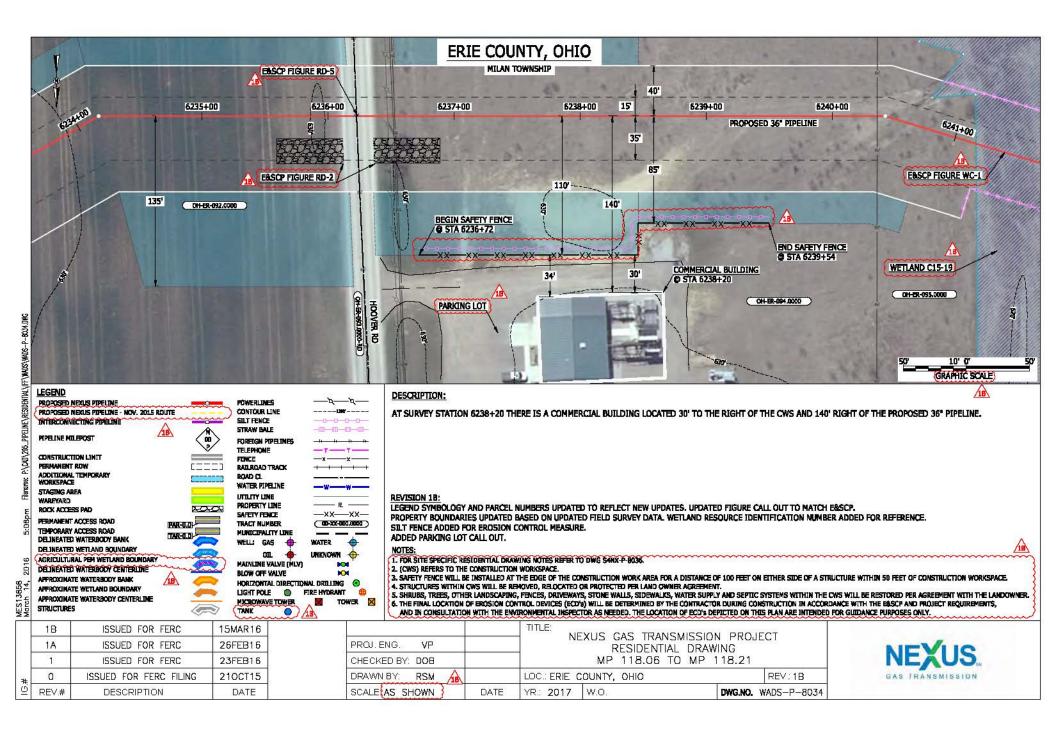


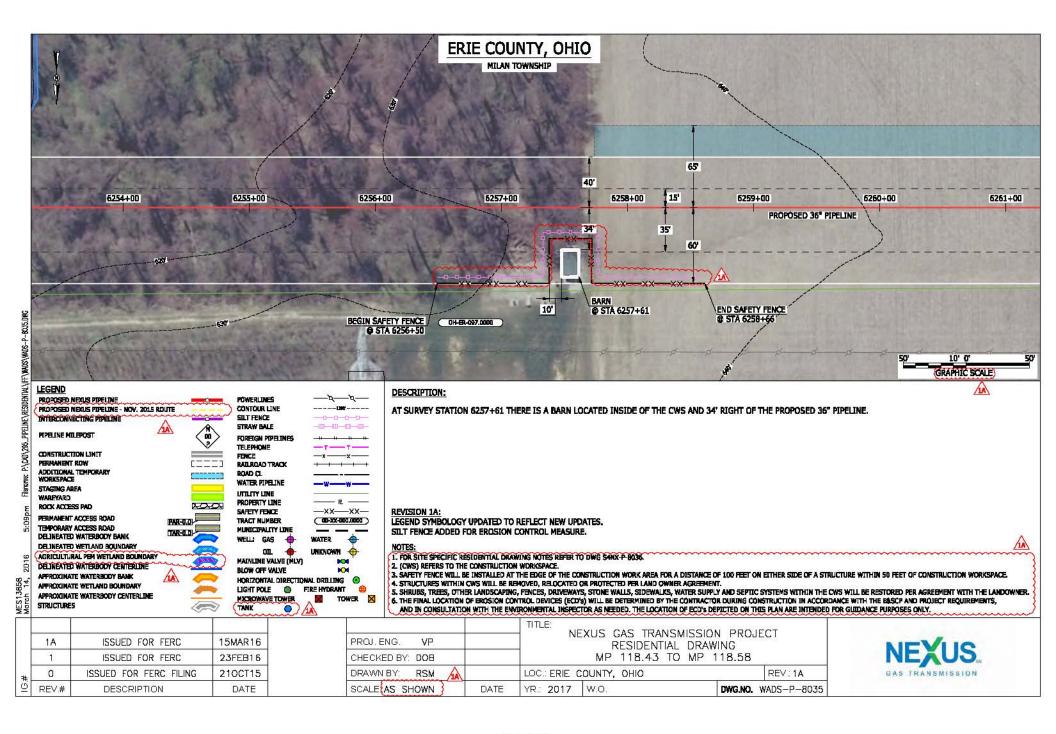


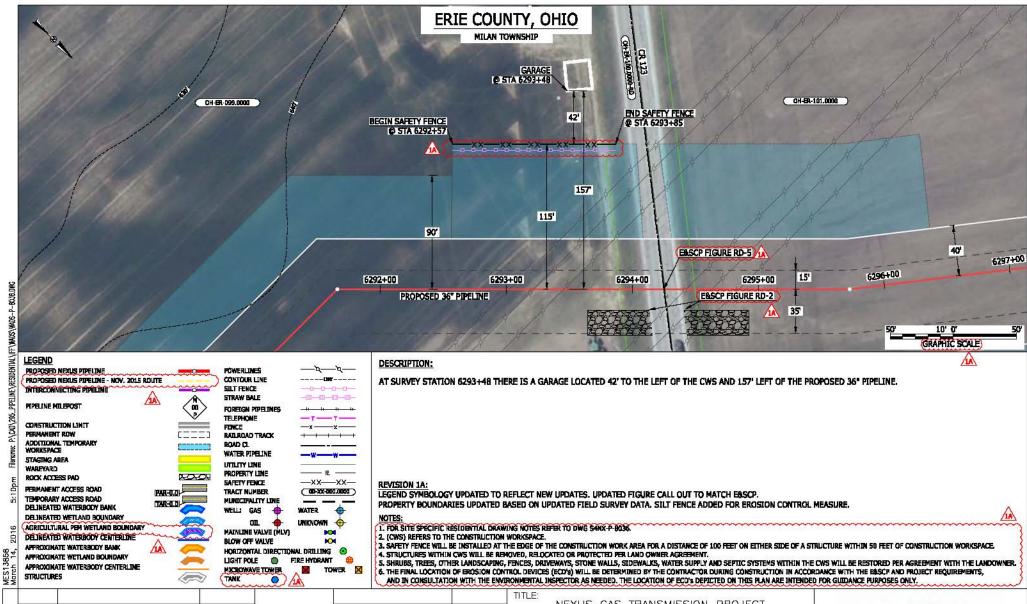


| DH-ER-560.0003 DTVEWAY OH-R-663.000 60' BERLIN TOWNSHIP<br>BARN 0 STA 5971+30<br>BERLIN TOWNSHIP<br>BARN 0 STA 5971+90<br>STREAM AL4-187-51 DX   |  |  |  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|--|--|--|
| CH-ER-96L002   | 175' 28'<br>1 XX XX XX XX<br>END SAFETY FENCE<br>@ STA 5972+73<br>164'<br>143'<br>115'   |  |  |  |  |  |  |  |  |
| ET MANDS (MADS - P - BUZZ DIRC   | 5972+00 5973+0<br>PROPOSED 36" PIPELINE<br>EASCP FIGURE  |  |  |  |  |  |  |  |  |
| LEGEND PROPOSED NEALS PPEUNE NTERCOMMECTING PPEUNE NTERCOMMECTING PPEUNE PIPELINE MILEPOST PIPELINE MILEPOST CONSTRUCTION LIMIT PERCEMANENT ROW CONSTRUCTION LIMIT PERCE STARTW SALE T T ELEMANENT ROW CONSTRUCTION LIMIT RENCE STARTW SALE T T ELEMANENT ROW CONSTRUCTION LIMIT RENCE STARTW SALE T T ELEMANENT ROW CONSTRUCTION LIMIT RENCE STARTW SALE T T ELEMANENT ROW CONSTRUCTION LIMIT RENCE STARTW SALE T T ELEMANENT ROW CONSTRUCTION LIMIT RENCE STARTW SALE T T ELEMANENT ROW CONSTRUCTION LIMIT RENCE STARTW SALE T T ELEMANENT ROW CONSTRUCTION LIMIT RENCE STARTW SALE T T ELEMANENT ROW CONSTRUCTION LIMIT RENCE STARTW SALE T ELEMANENT ROW CONSTRUCTION LIMIT RENCE STARTW SALE T T ELEMANENT ROW CONSTRUCTION LIMIT RENCE STARTW SALE T T ELEMANENT ROW CONSTRUCTION LIMIT RENCE STARTW SALE T T ELEMANENT ROW CONSTRUCTION LIMIT RENCE STARTW SALE T T ELEMANENT ROW CONSTRUCTION LIMIT RENCE STARTW SALE T T ELEMANENT ROW CONSTRUCTION LIMIT RENCE STARTW SALE START |  | REFLECT NEW UPDATES. UPDATED FIGURE CALL OUT TO MATCH E&SCP.<br>ATION NUMBER ADDED FOR REFERENCE.<br>BASED ON UPDATED FIELD SURVEY DATA. |  |  |  |  |  |  |  |
| PERMANENT ACCESS ROAD     PRRECIDIO       THACT NUMBER     OBJECTION AND AND AND AND AND AND AND AND AND AN  | SILT FENCE ADDED FOR EROSION CONTROL MEASURE.<br>ADDED DRIVEWAY CALL OUT.<br>NOTES:<br>1. FOR SITE SHECIFIC RESIDENTIAL DRAWING NOTES REFER TO DWG SANK-P-8036.<br>2. (CMS) REFERS TO THE CONSTRUCTION WORKSPACE<br>3. SAFETY FENCE WILL BE INSTALLED AT THE EDGE OF THE CONSTRUCTION WORK AREA FOR A DISTANCE OF 100 FEET ON EITHER SIDE OF A STRUCTURE WITHIN 50 FEET OF CONSTRUCTION WORKSPACE.<br>4. STRUCTURES WITHIN CWS WILL BE ENFORCED, REPORTED RE RADICATED OR REPORTED. THE PROTECTED PRE LAND OWNER AGREEMENT.<br>5. SHRUBS, TREES, OTHER LANDSCAPING, FENCES, DRIVEWAYS, STONE WALLS, SIDEWALKS, WATER SUPPLY AND SEPTIC SYSTEMS WITHIN THE CWS WILL BE RESTORED PER AGREEMENT WITH THE LANDOWNER.<br>6. THE FINAL LOCATION OF EROSION CONTROL DEVICES (CCD's) WILL BE DEFENDINGED BY THE CONTRACTOR DURING CONSTRUCTION IN ACCORDANCE WITH THE EASCP AND PROJECT REQUIREMENTS,<br>AND IN CONSULTATION WITH THE ENVIRONMENTAL INSPECTOR AS NEEDED. THE LOCATION OF ECO's DEPICTED ON THIS PLAN ARE INTERIDED FOR GUIDANCE PURPOSES ONLY.<br>TITLE:<br>NEXUS GAS TRANSMISSION PROJECT |  |  |  |  |  |  |  |  |
| * 0 ISSUED FOR FERC FILING 210CT15 DRAW  |  | 113.18R     REV.:1A       DWG.NO.     WADS-P-8032  |  |  |  |  |  |  |  |



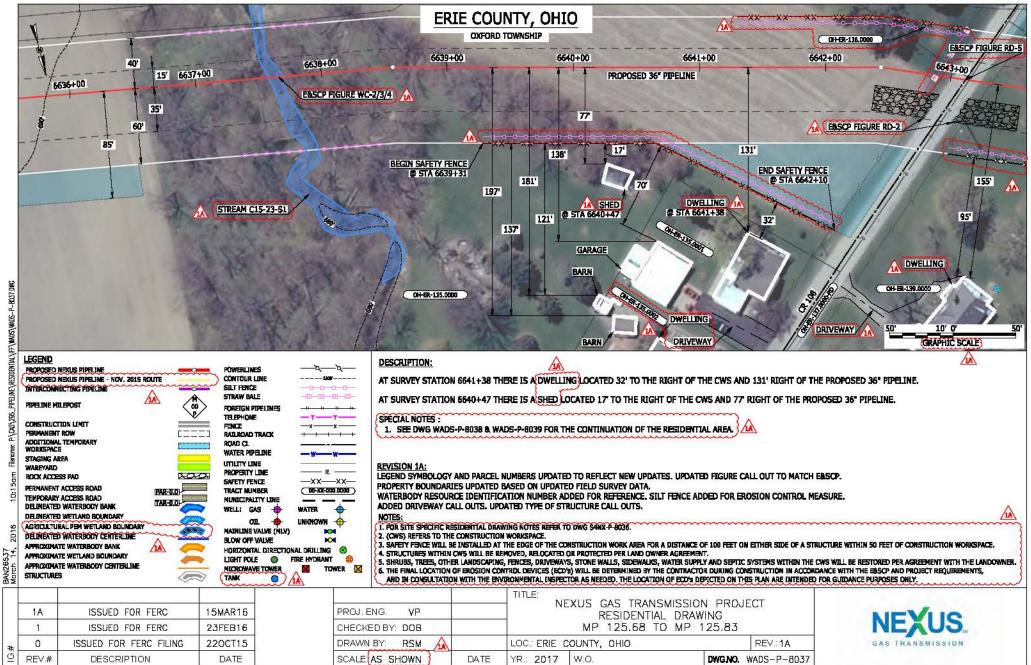


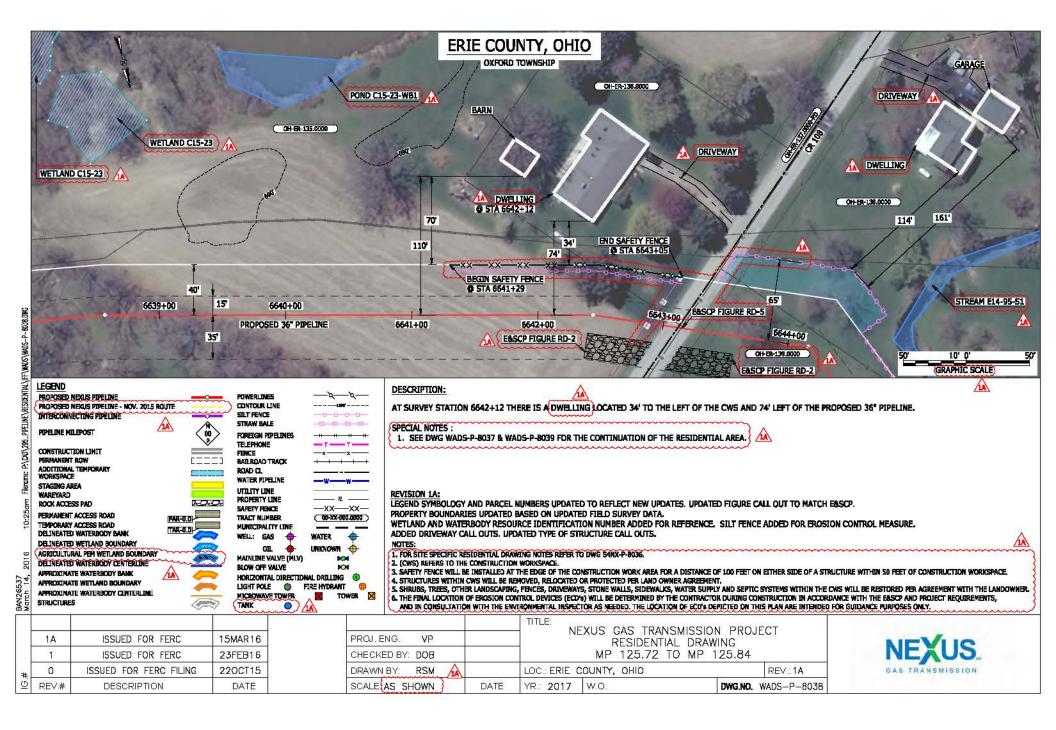


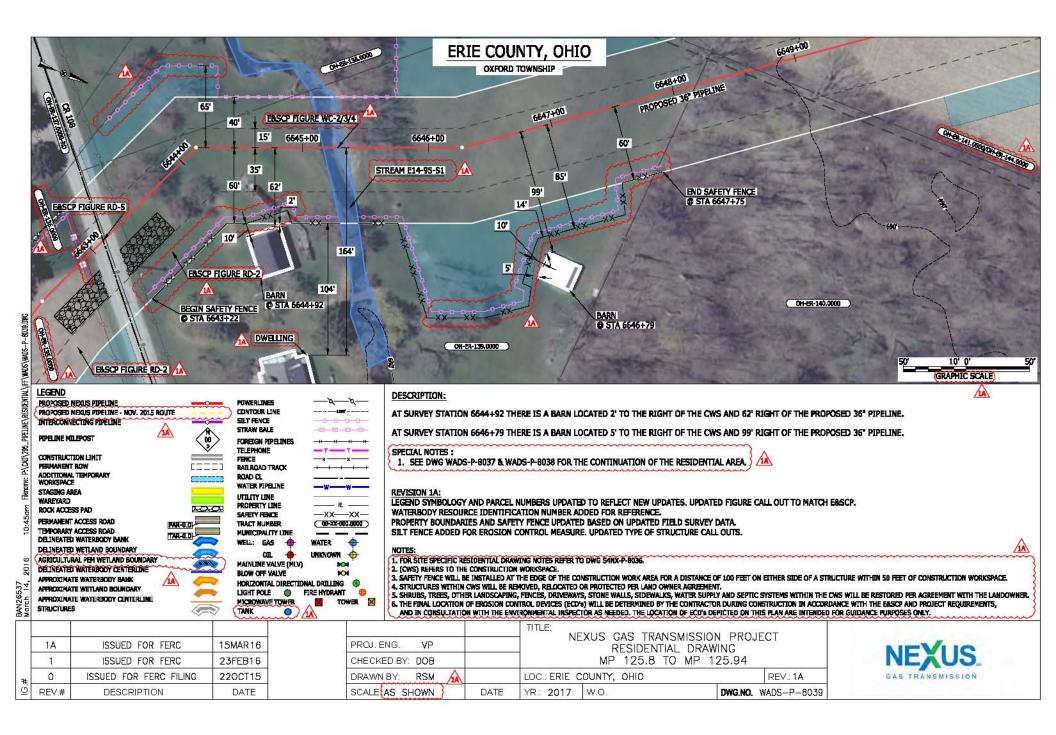


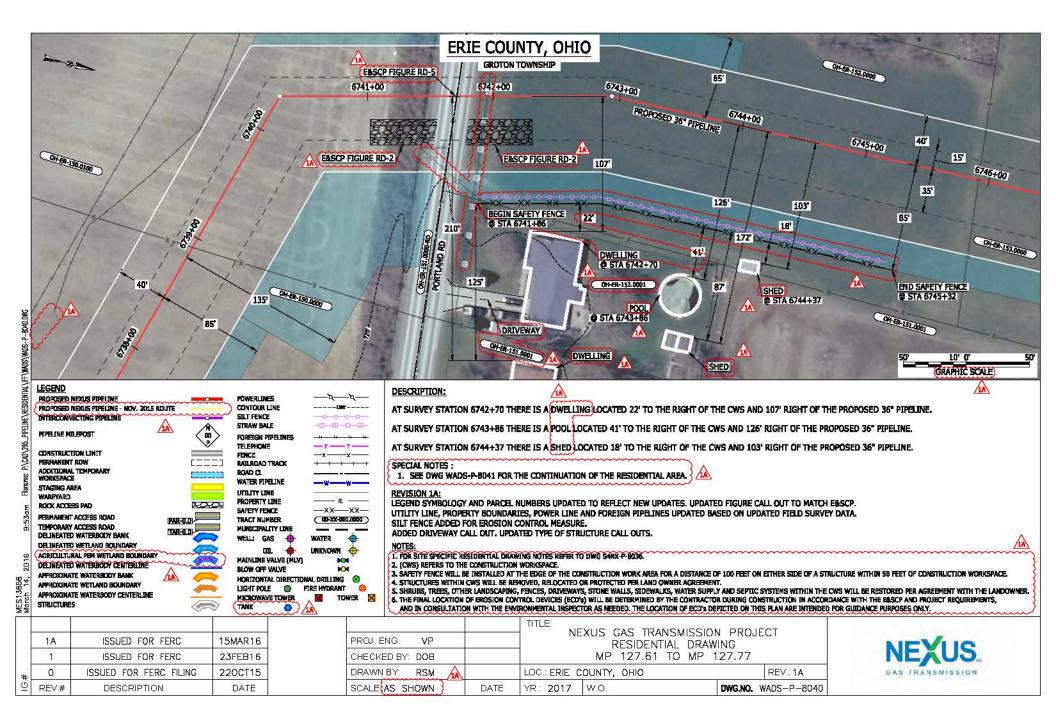
|     |       |                        |                 |                     | TITLE:<br>NEXUS GAS TRANSMISSION PROJECT      |                        |
|-----|-------|------------------------|-----------------|---------------------|---|------------------------|
| IG# | 1A    | ISSUED FOR FERC        | OR FERC 15MAR16 | PROJ. ENG. VP       | RESIDENTIAL DRAWING<br>MP 119.15 TO MP 119.26 | NEVUC                  |
|     | 1     | ISSUED FOR FERC        | 23FEB16         | CHECKED BY: DOB     |   | NEXUS.                 |
|     | 0     | ISSUED FOR FERC FILING | 210CT15         | DRAWN BY: RSM       | LOC.: ERIE COUNTY, OHIO RE                    | V. 1A GAS TRANSMISSION |
|     | REV.# | DESCRIPTION            | DATE            | SCALE AS SHOWN DATE | YR.: 2017 W.O. DWG.NO. WADS                   | S-P-8036               |

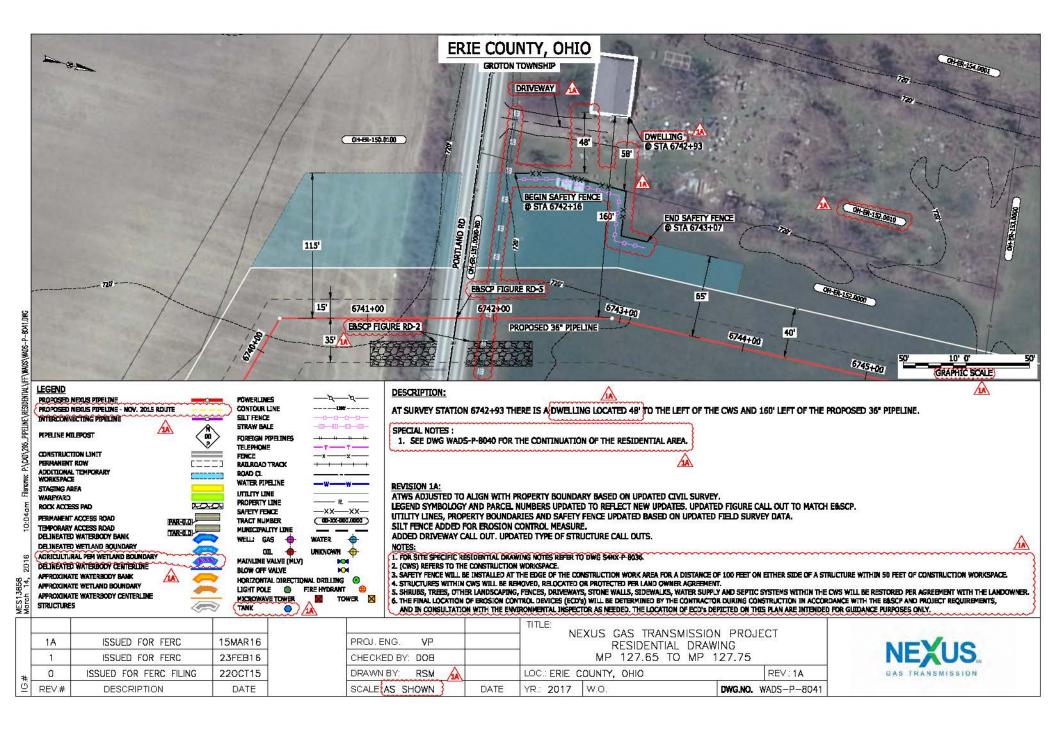
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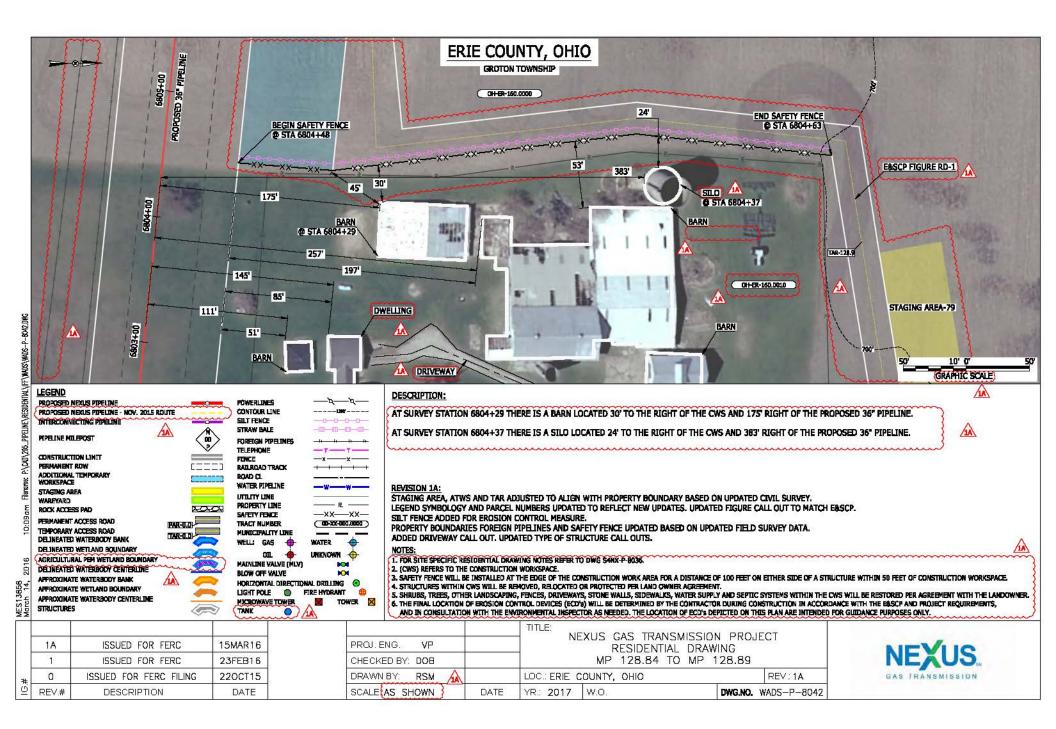


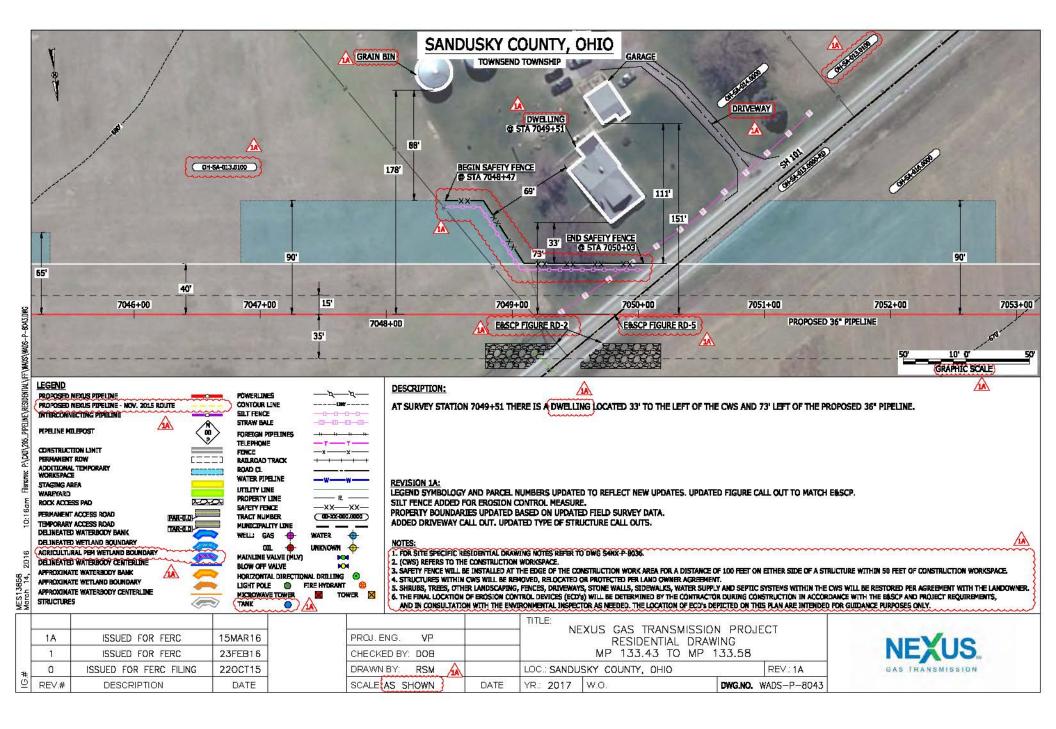


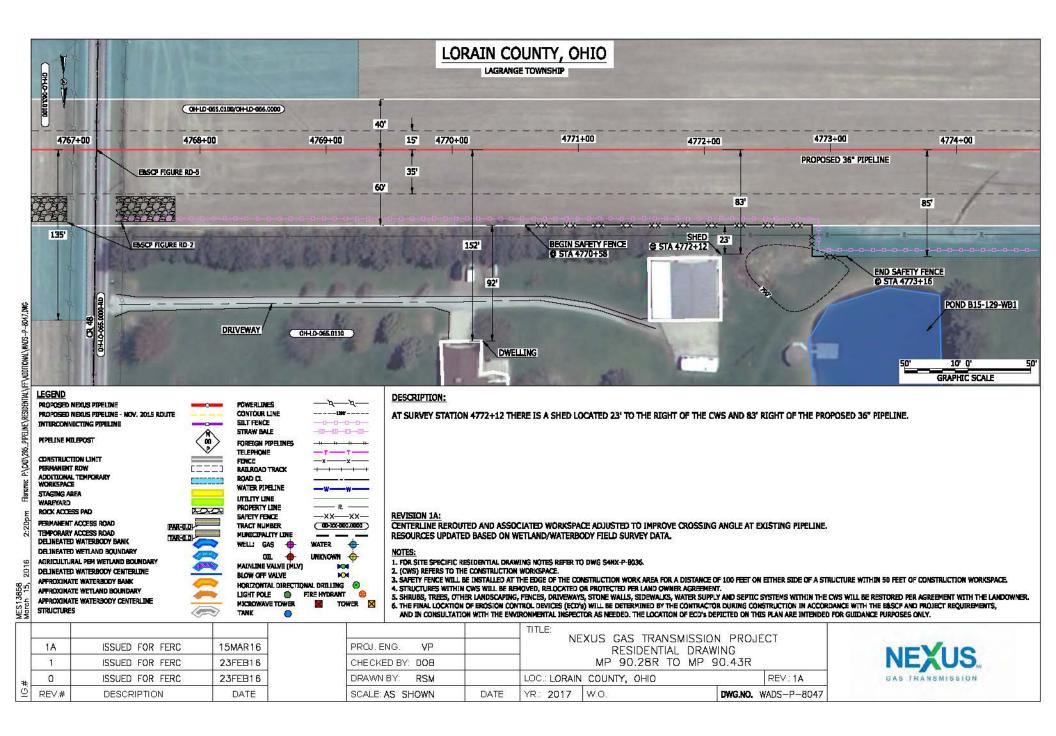


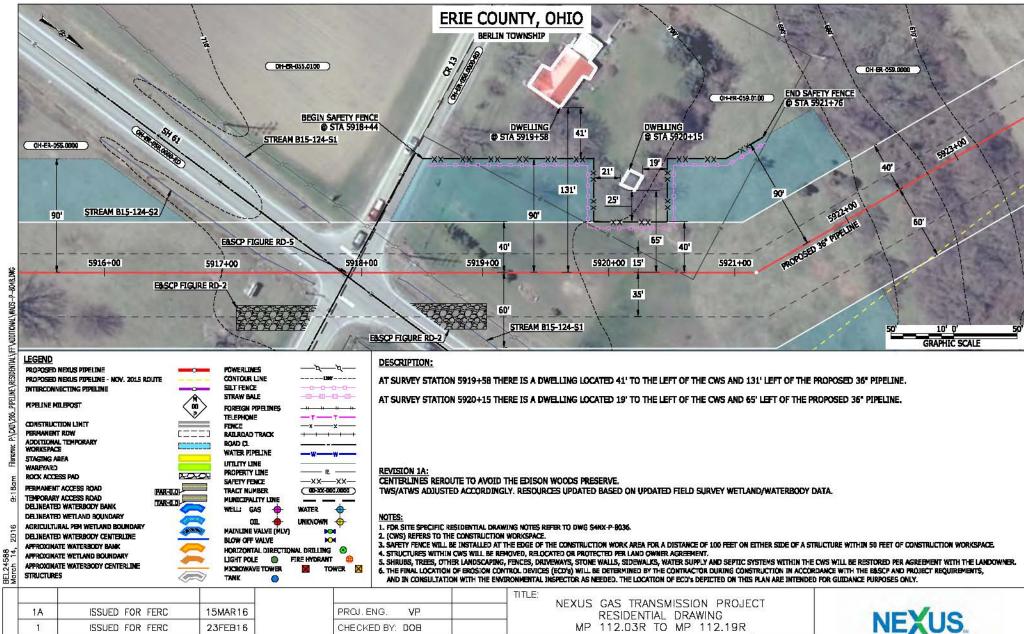












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ISSUED FOR FERC

DESCRIPTION

23FEB16

DATE

DRAWN BY:

SCALE: AS SHOWN

RSM

YR.: 2017

DATE

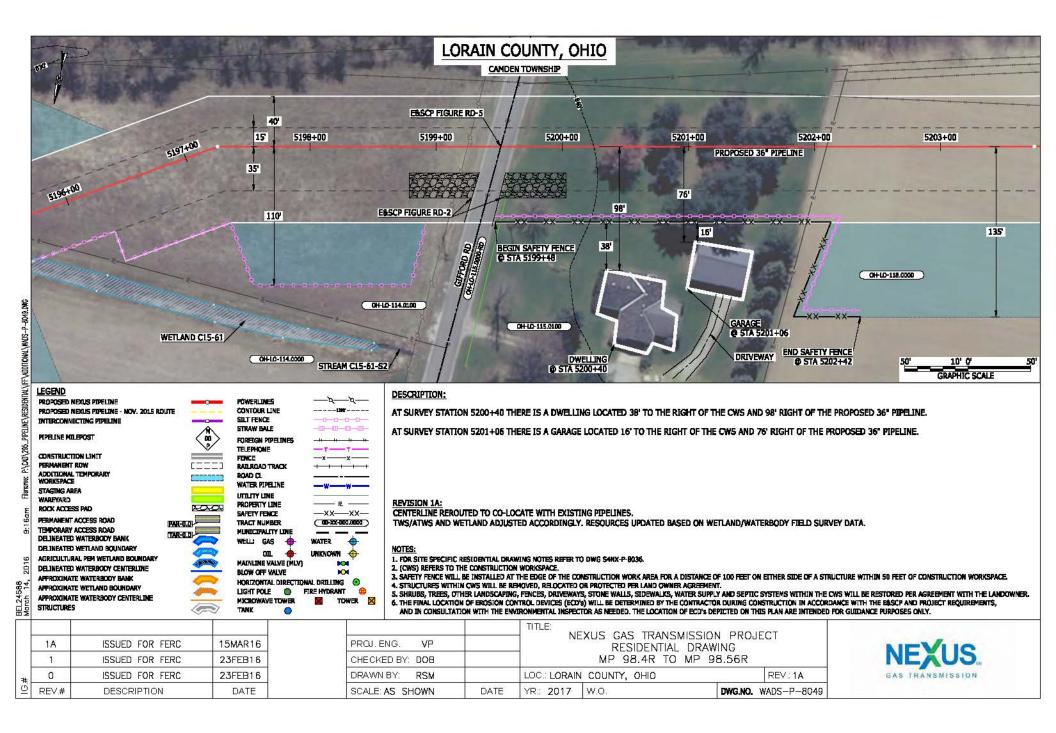
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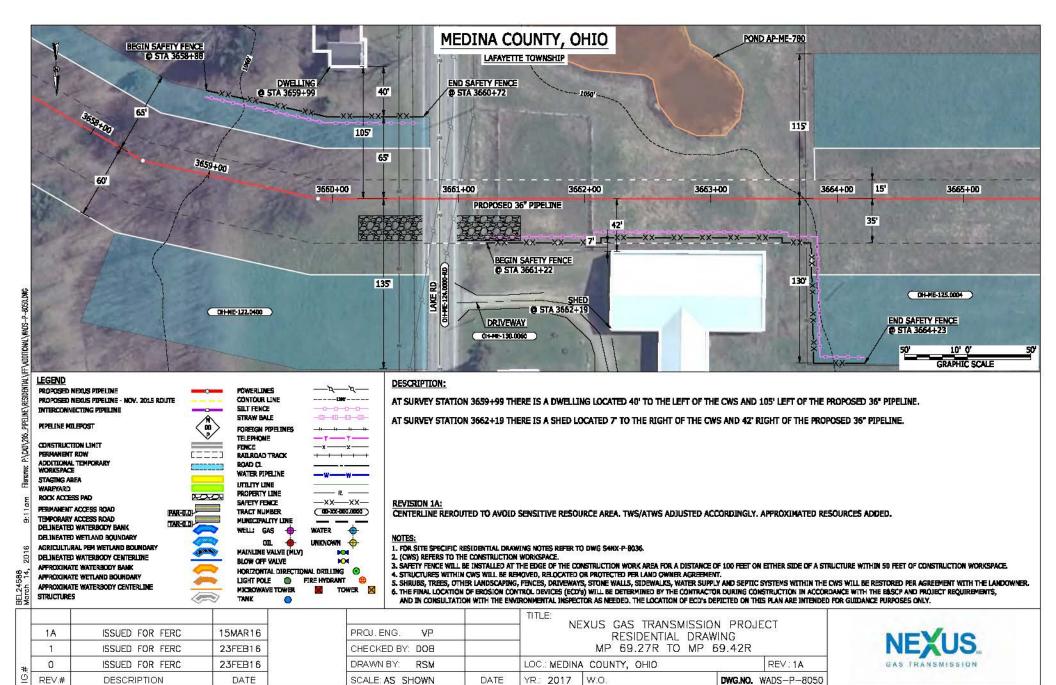
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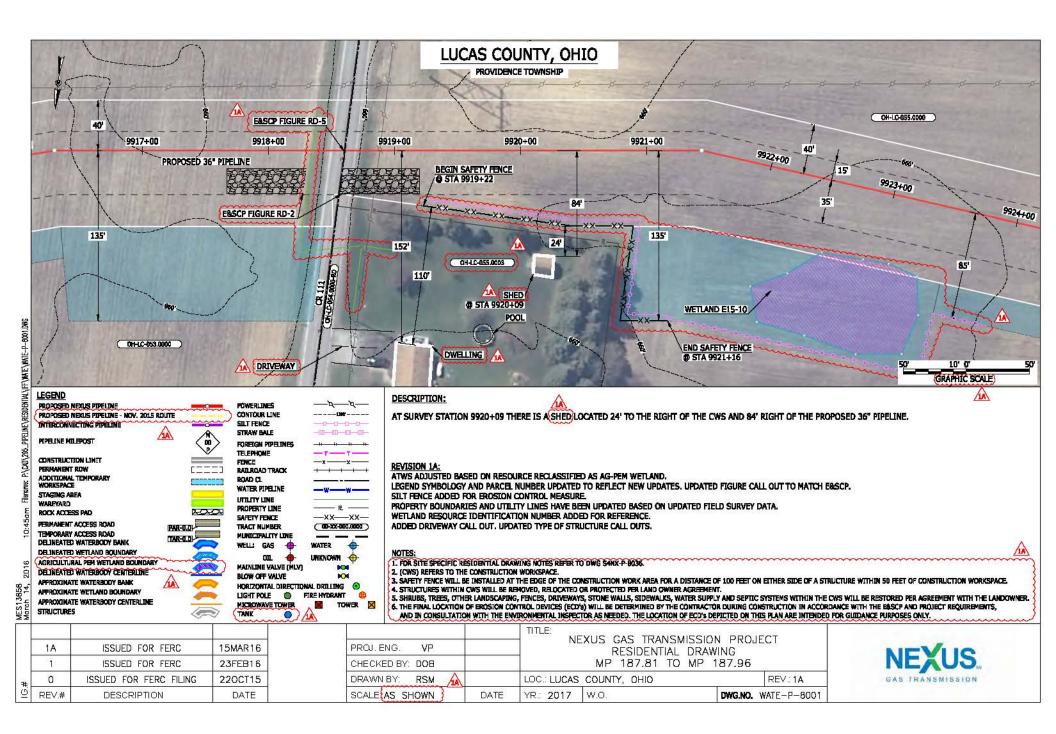
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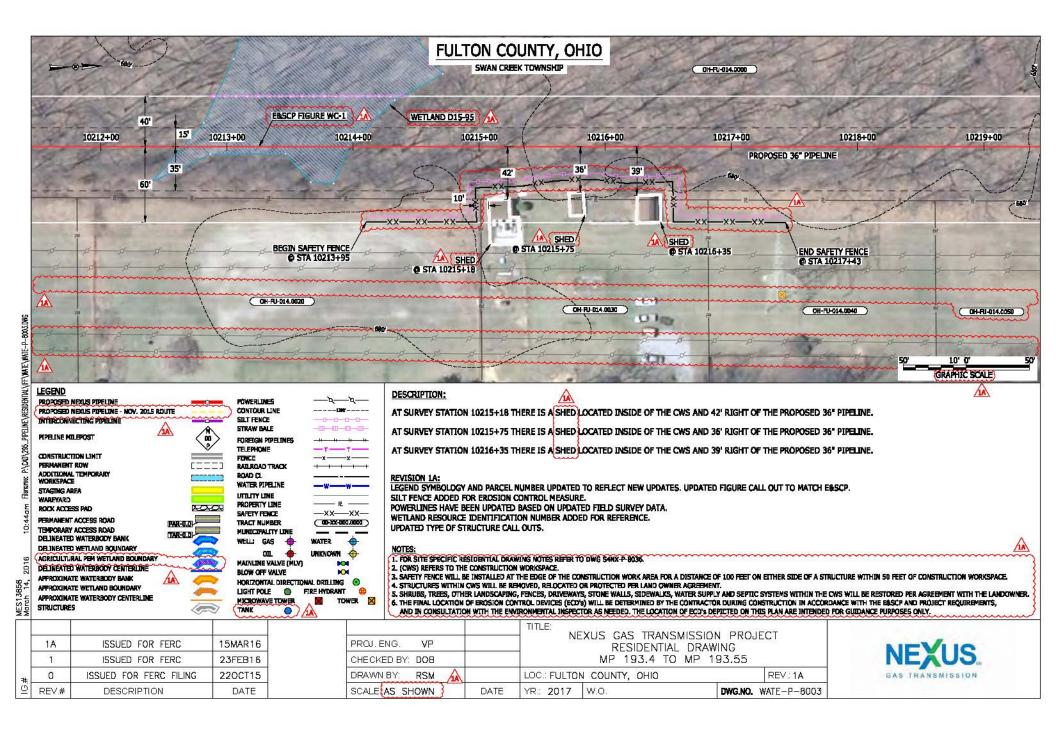
GAS TRANSMISSION

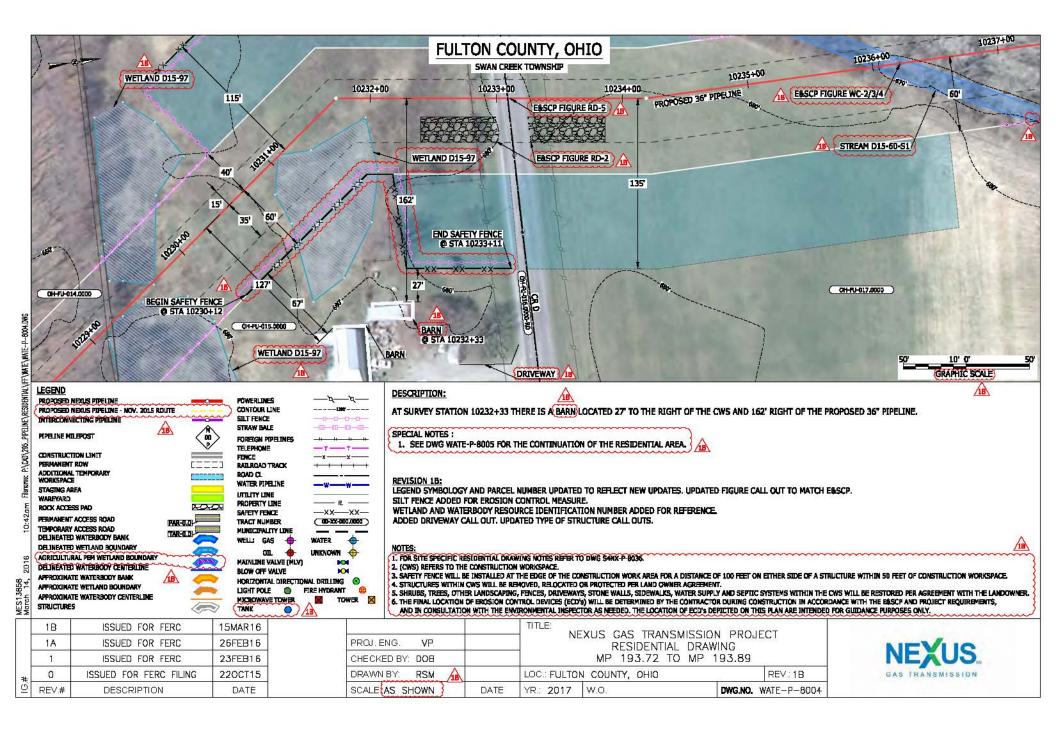


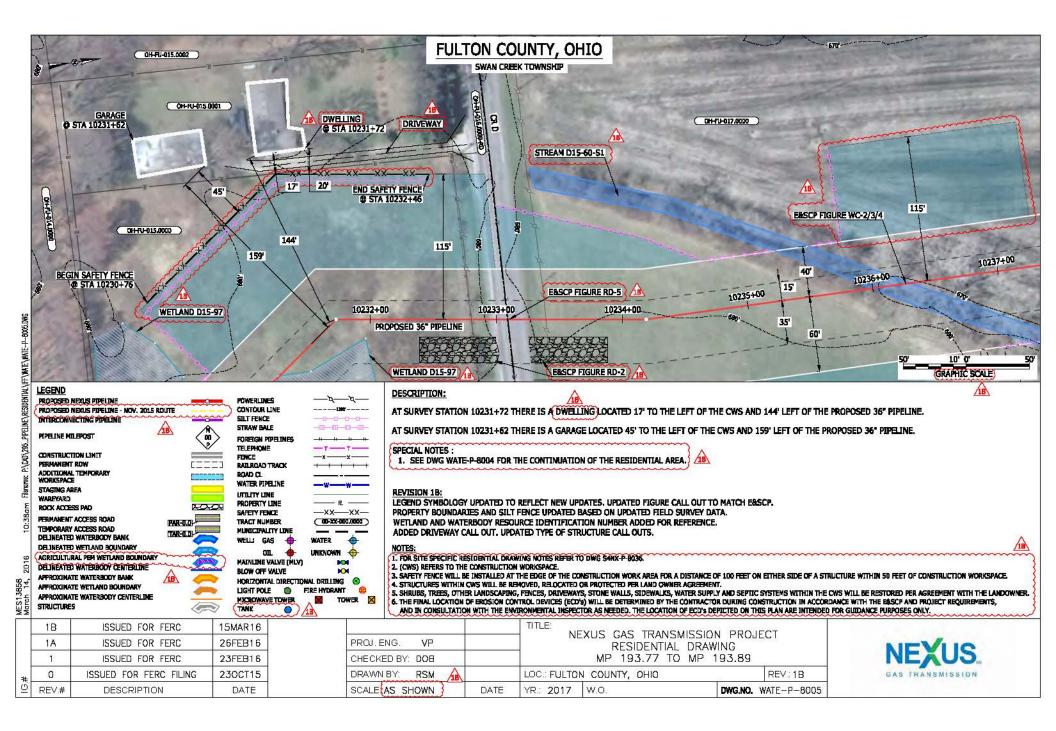


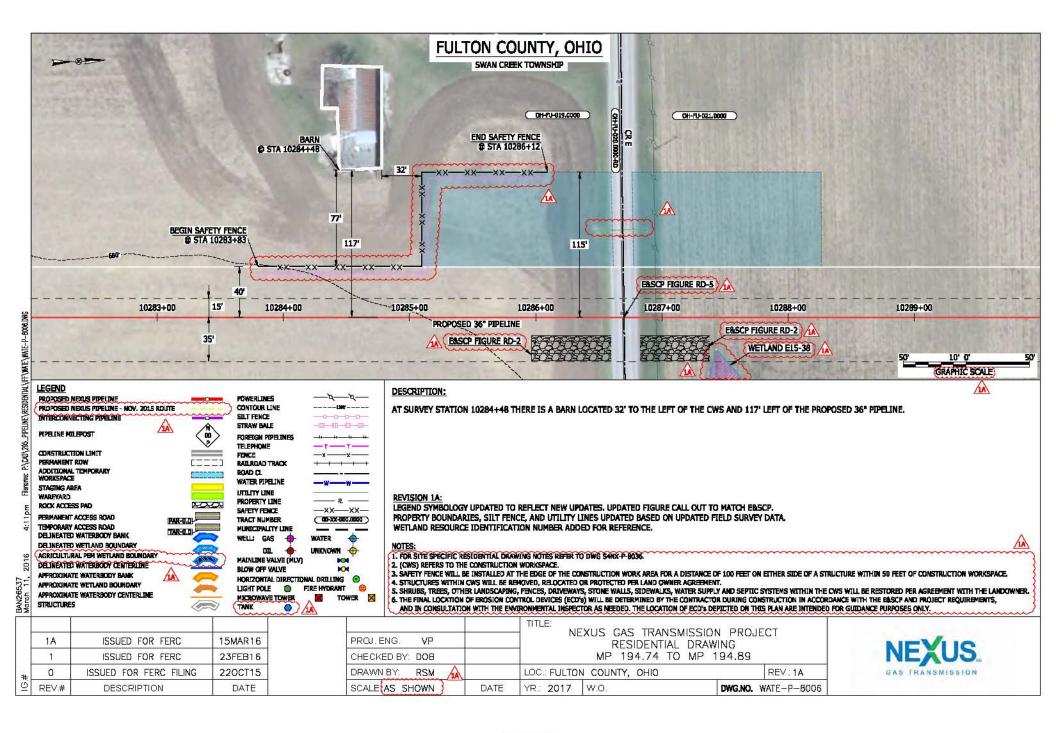


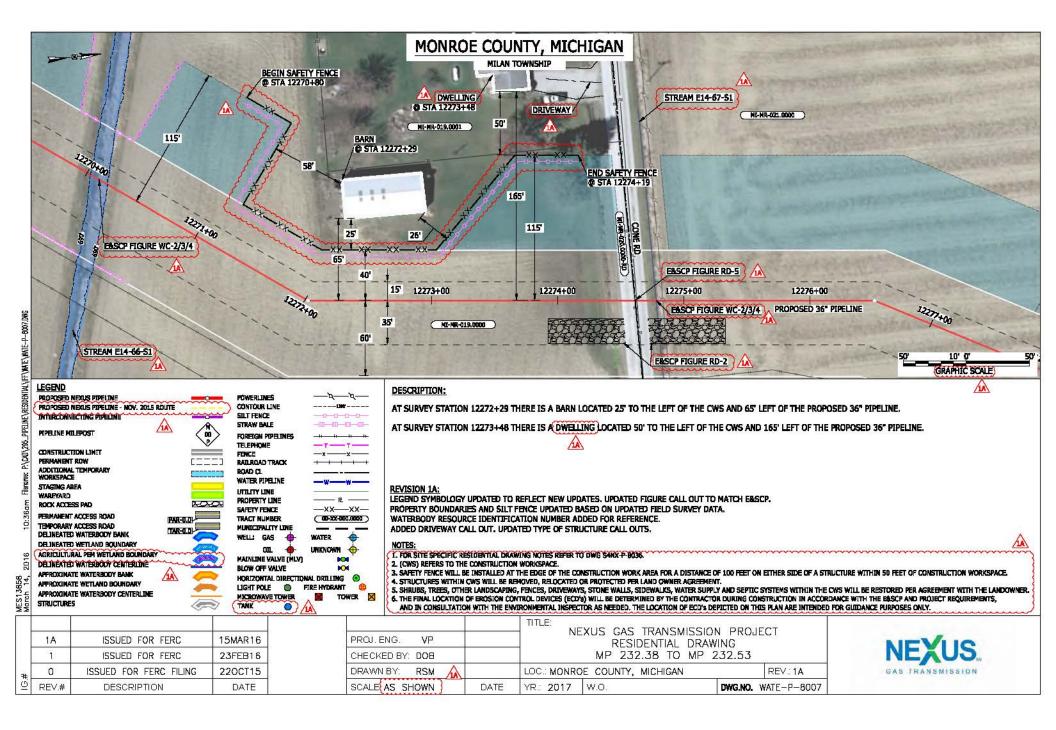
| J.   |   |  |  |  |  |  |
|--|---|--|--|--|--|--|
| 01HLC-064.0000   | E BARN<br>BARN<br>@ STA 9996+63<br>WETLAND EL5-27   |  |  |  |  |  |
|  | BEGIN SAFETY FENCE<br>G STA 9995+10<br>28'<br>57'<br>END SAFETY FENCE   |  |  |  |  |  |
| 115'   | 97<br>97<br>28<br>55<br>55<br>65<br>65<br>40  |  |  |  |  |  |
| 99994+00 9995<br>357<br>PAR-189.2  | HOD         9996+00         9997+00         9998+00         9999+00           EBSCP FIGURE RD-2         PROPOSED 36" PIPELINE           D         EBSCP FIGURE WC-1         50"         10" 0"         50"  |  |  |  |  |  |
|  | GRAPHIC SCALE   |  |  |  |  |  |
| CONSTRUCTION LIMIT  PERMANENT ROW  ADDITIONAL TEMPORARY  ADDITIONAL TEMPORARY  ADDITIONAL TEMPORARY  CONSTRUCTION LIMIT  PERMANENT ROW  ADDITIONAL TEMPORARY  CONSTRUCTION LIMIT  FILEPHONE  FOR AREA  CONSTRUCTION  FOR CONSTRUCTIO | REVISION 1A:<br>MAINLINE VALVE 14 RELOCATED FROM MP 190.5 TO MP 189.3 AND RENAMED MLV13. PERMANENT EASEMENT, PAR, AND ATWS ADJUSTED ACCORDINGLY.<br>TWS/ATWS AND RESOURCES ADJUSTED BASED ON UPDATED FIELD SURVEY WETLAND/WATERBODY DATA.<br>LEGEND SYMBOLOGY AND PARCEL NUMBER UPDATED TO REFLECT NEW UPDATES. UPDATED FIGURE CALL OUT TO MATCH EASCP.<br>SILT FENCE ADDED FOR EROSION CONTROL MEASURE.<br>PROPERTY BOUNDARIES HAVE BEEN UPDATED BASED ON UPDATED FIELD SURVEY DATA.<br>WETLAND RESOURCE IDENTIFICATION NUMBER ADDED FOR REFERENCE.  |  |  |  |  |  |
| DELINEATED WATERBOOY GANK WELL GAS WATER OF A WATER OF A DELINEATED WATERBOOY CENTERLINE ARRENDED THE CONSTRUCTION WORKSPACE.  |   |  |  |  |  |  |
| 1A     ISSUED FOR FERC     15MAR16     PROJ. I       1     ISSUED FOR FERC     23FEB16     CHECK   | ITITLE:     NEXUS GAS TRANSMISSION PROJECT       ENG.     VP       ED BY:     DOB         NEXUS     GAS TRANSMISSION PROJECT       RESIDENTIAL     DRAWING       MP     189.25       TO MP     189.4  |  |  |  |  |  |
| *         0         ISSUED FOR FERC FILING         220CT15         DRAWN           ©         REV.#         DESCRIPTION         DATE         SCALE  | VBY:         RSM         LOC.: HENRY         COUNTY,         OHIO         REV.: 1A         GAS         FRANSMISSION           (AS SHOWN)         DATE         YR.:         2017         W.O.         DWG.NO.         WATE-P-8002         COUNTY         COUNTY |  |  |  |  |  |

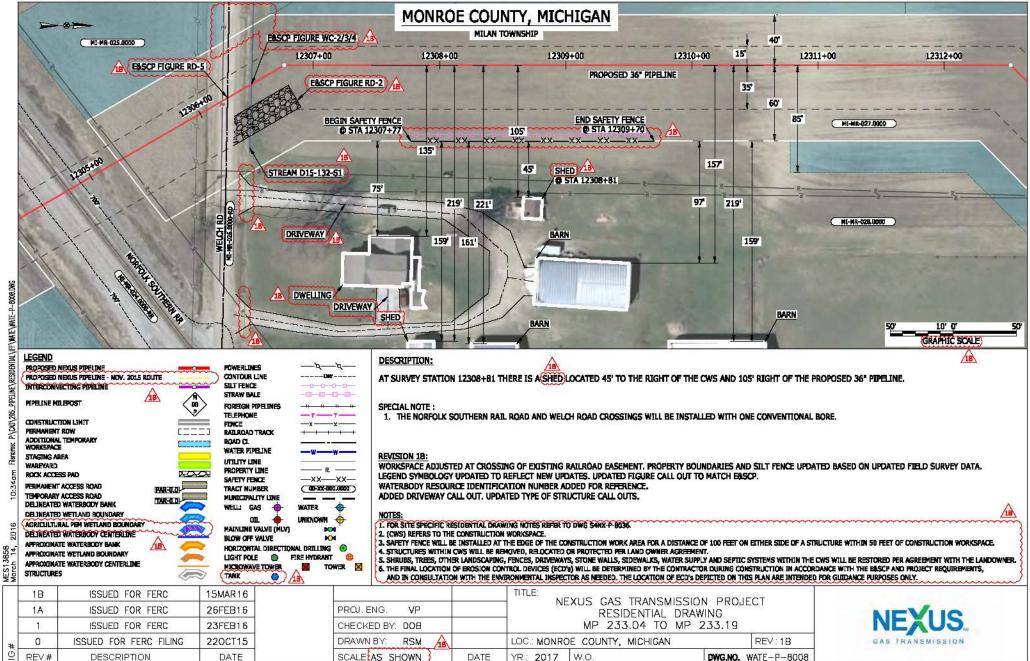


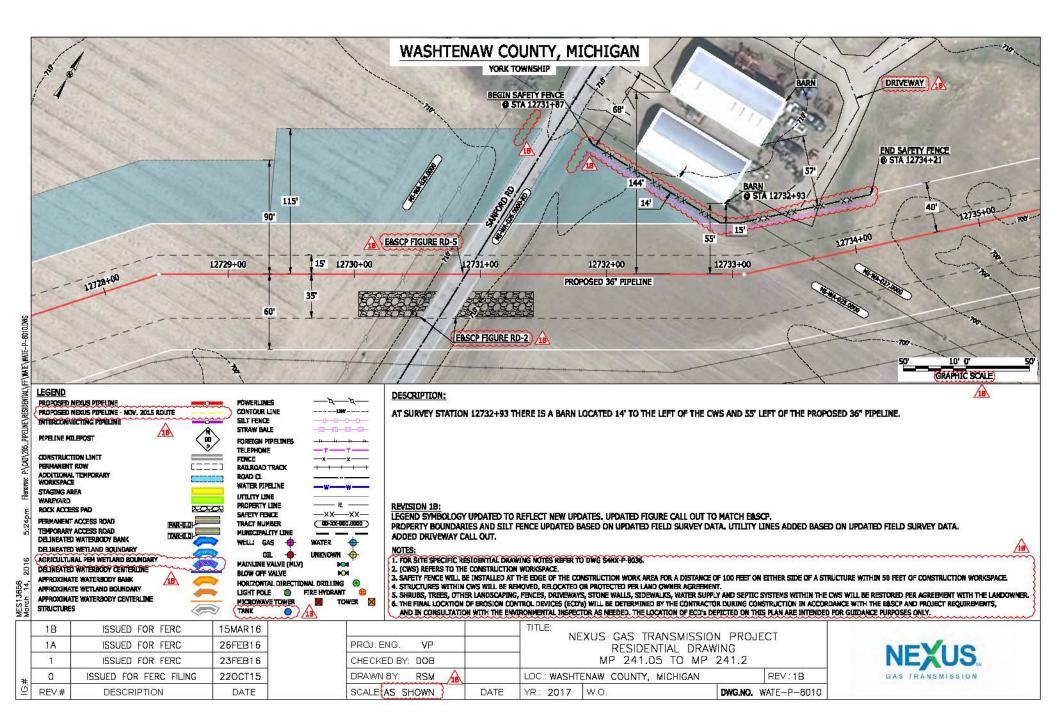


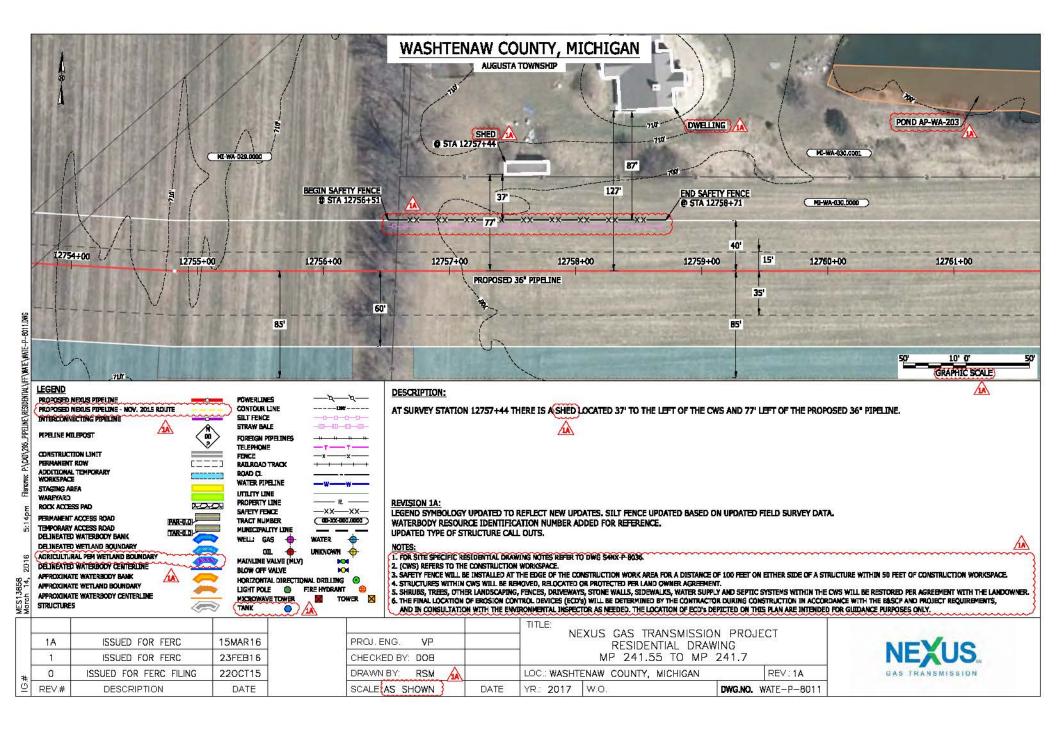


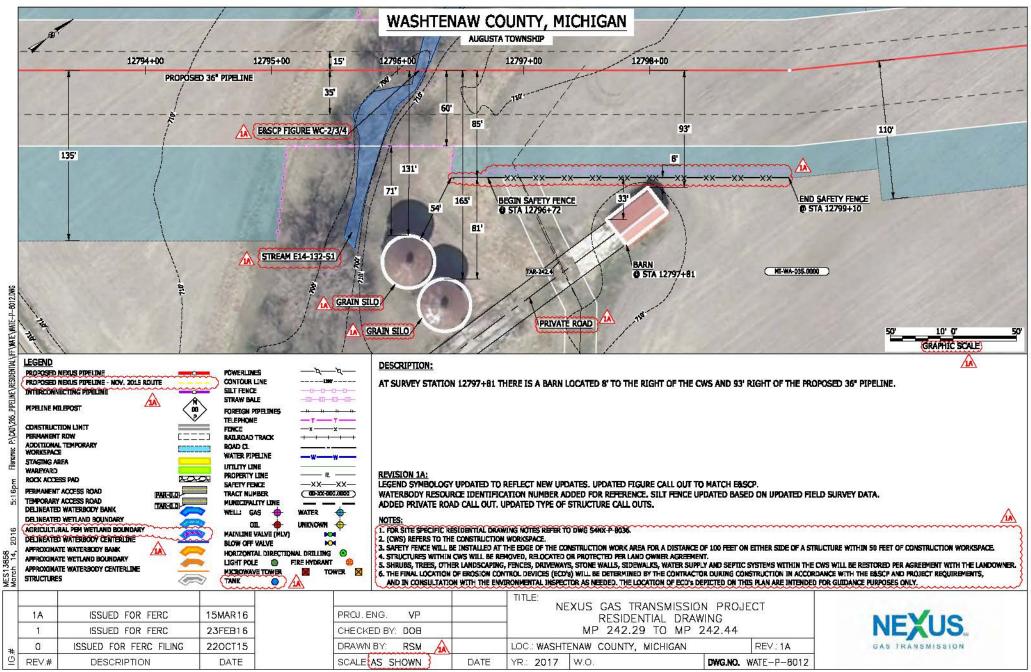


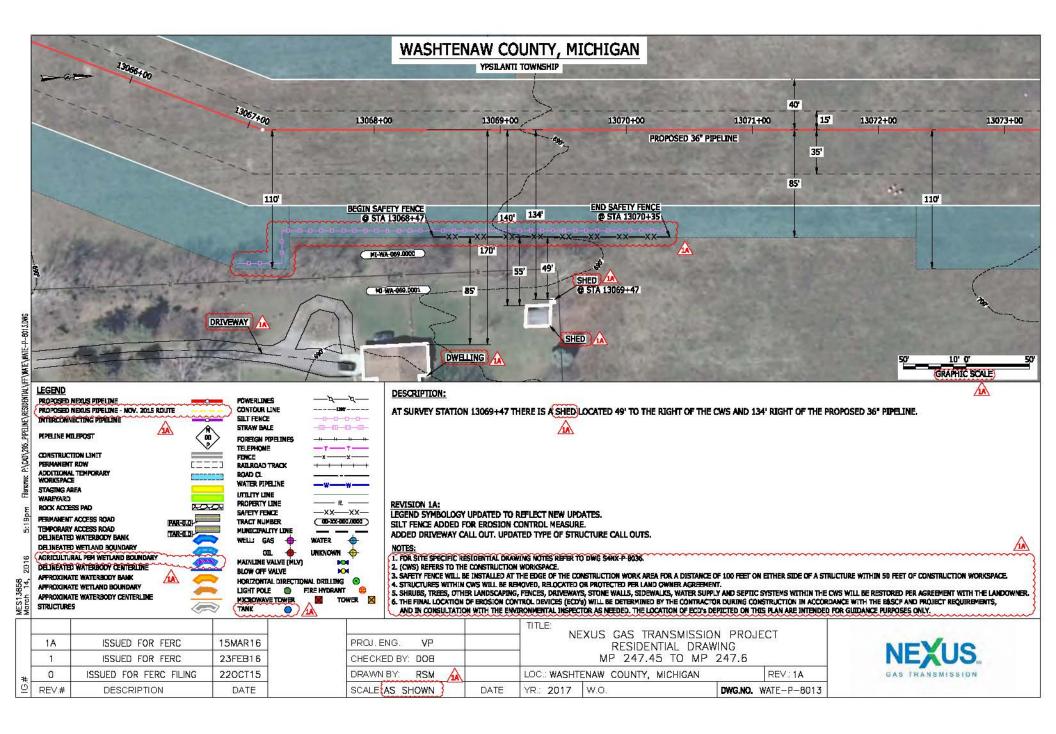


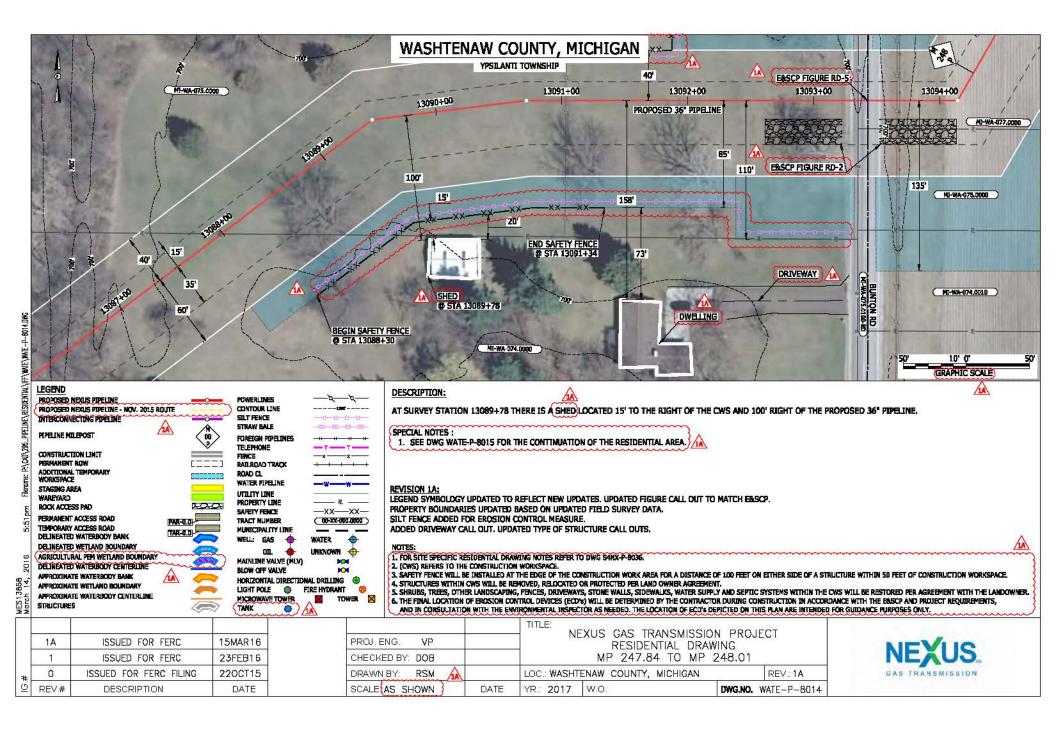


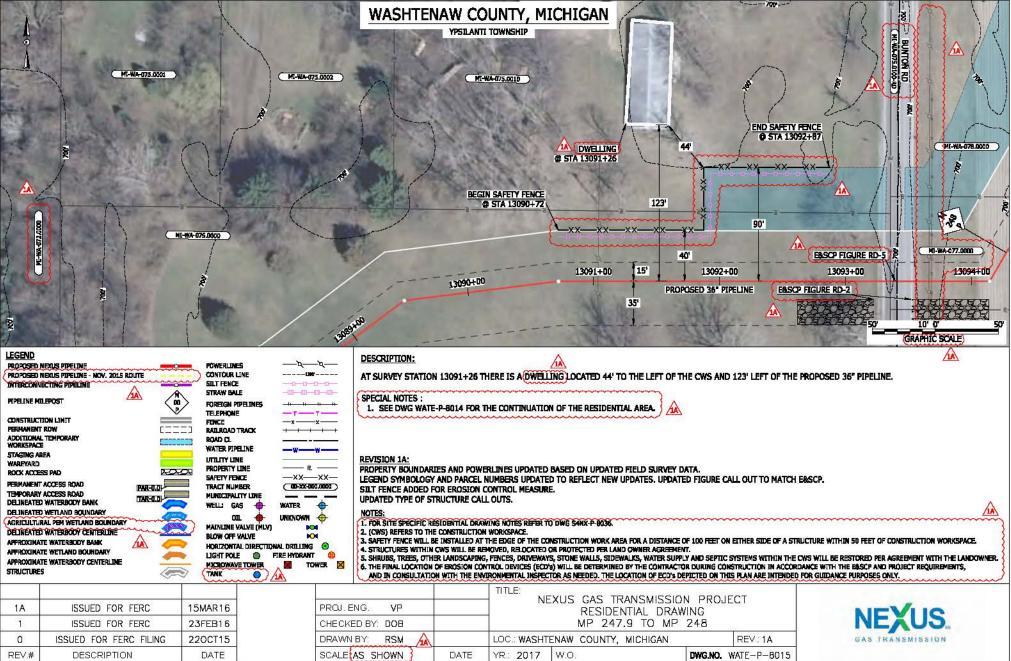










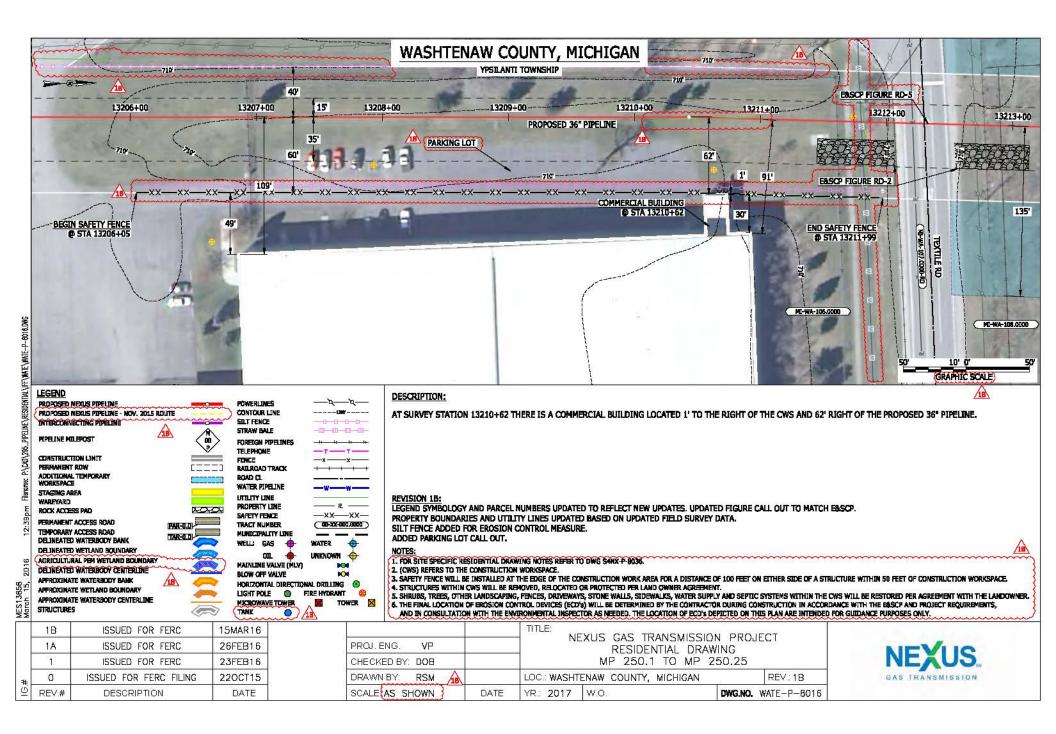


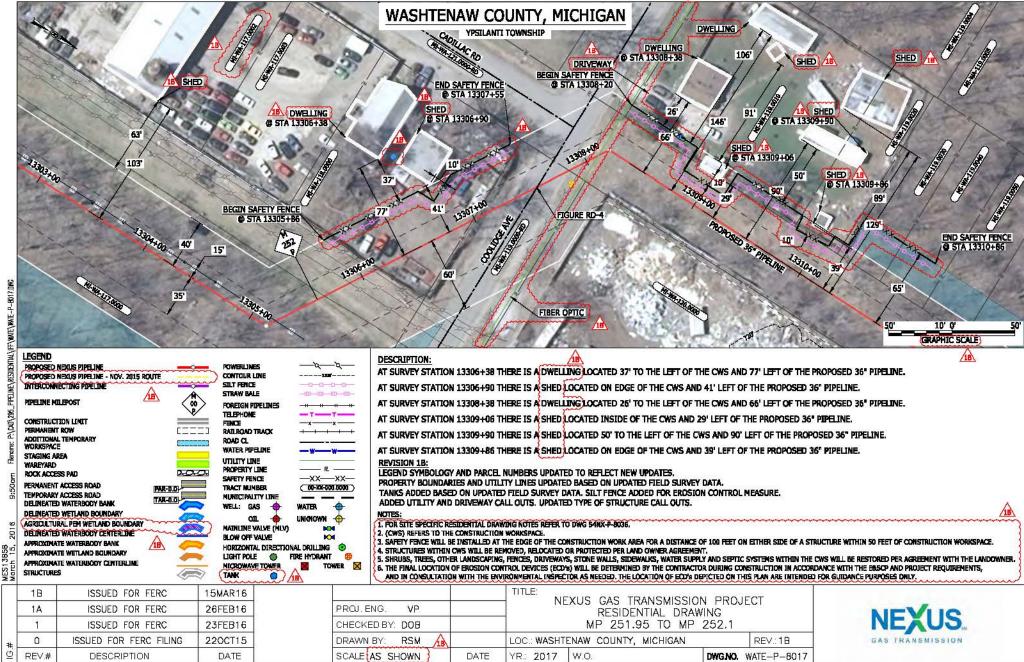
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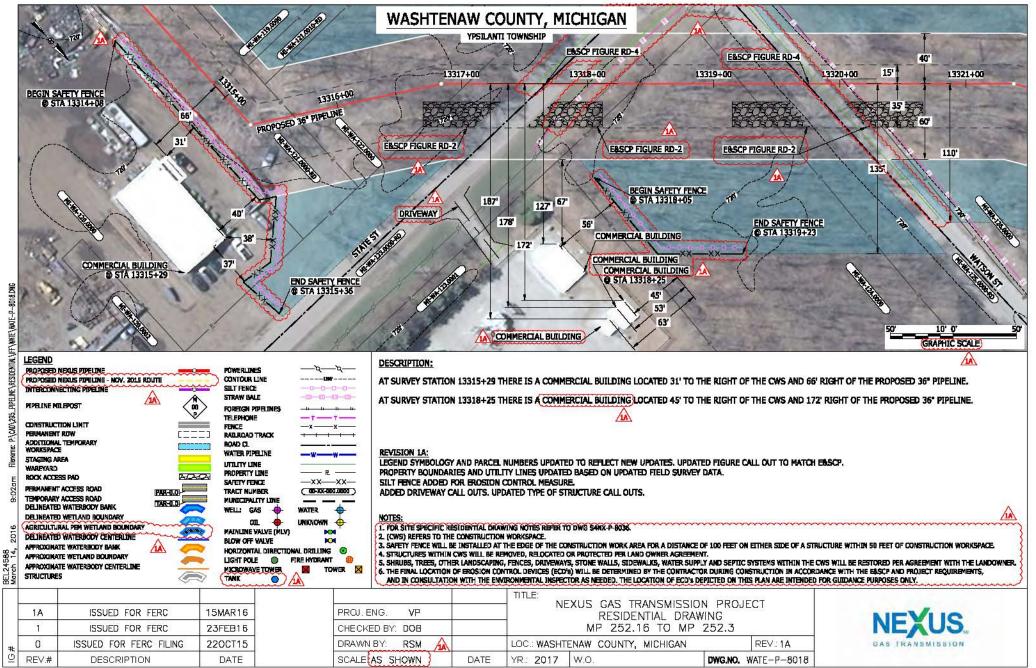
13858

Marci Marci

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## PIPEL P:\CA0\295



|  | LEGUINE       POWERLINES         PROPOSED NEXUS PIPELINE       POWERLINES         PROPOSED NEXUS PIPELINE       SUIT FENCE         INTERCONNECTING PIPELINE       SUIT FENCE         PROPOSED NEXUS PIPELINE       SUIT FENCE         INTERCONNECTING PIPELINE       SUIT FENCE         PROPOSED NEXUS PIPELINE       SUIT FENCE         INTERCONNECTION LINIT       SUIT FENCE         PROPOSED NEXUS PIPELINE       SUIT FENCE         CONSTRUCTION LINIT       FENCE         PROPOSED NEXUS PIPELINE       SUIT FENCE         CONSTRUCTION LINIT       FENCE         PROPOSED NEXUS PIPELINE       SUIT FENCE         START MALE       SUIT FENCE         CONSTRUCTION LINIT       FENCE         PROPOSED NEXUS PIPELINE       SUIT FENCE         START MALE       WARKSPACE         STAGING AREA       UTILITY LINE         WAREARD       BAREOLO         PRIVAMENT ACCESS ROAD       FEREDUCE         DELINEATED WAITERBODY BANK       SATETY FENCE         DELINEATED WAITERBODY BANK       SATETY FENCE         DELINEATED WAITERBODY CONTENTINE       SATETY FENCE         APROXINATE WATERBODY CONTENTINE       SATETY FENCE         APROXINATE WATERBODY CONTENTINE       SATETY FENCE <th><b>+</b>+<br/><b>•</b>+</th> | <b>+</b> +<br><b>•</b> + |
|--|---|--------------------------|
|--|---|--------------------------|

AT SURVEY STATION 13459+97 THERE IS A COMMERCIAL BUILDING LOCATED 6' TO THE LEFT OF THE CWS AND 40' LEFT OF THE PROPOSED 36" PIPELINE. AT SURVEY STATION 13460+97 THERE IS A COMMERCIAL BUILDING LOCATED INSIDE OF THE CWS AND ON ROUTE OF THE PROPOSED 36" PIPELINE.

**REVISION 1A:** CENTERLINE REPOUTED PER LANDOWNER REQUEST. ALL ATWS/TWS ADJUSTED ACCORDINGLY.

## NOTES:

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TOWER X

1. FOR SITE SPECIFIC RESIDENTIAL DRAWING NOTES REFER TO DWG S4NX-P-8036.

2. (CWS) REFERS TO THE CONSTRUCTION WORKSPACE.

3. SAPETY FENCE WILL BE INSTALLED AT THE EDGE OF THE CONSTRUCTION WORK AREA FOR A DISTANCE OF 100 FEET ON EITHER SIDE OF A STRUCTURE WITHIN 50 FEET OF CONSTRUCTION WORKSPACE. 4. STRUCTURES WITHIN CWS WILL BE REMOVED, RELOCATED OR PROTECTED PER LAND OWNER AGREEMENT.

5. SHRUBS, TREES, OTHER LANDSCAPENG, FENCES, DRIVEWAYS, STORE WALLS, SIDEWALKS, WATER SUPPLY AND SEPTIC SYSTEMS WITHIN THE CWS WILL BE RESTORED FER AGREEMENT WITH THE LANDOWNER. A THE FIRM LOCATION OF BROSION CONTROL DEVICES (ECO'S) WILL BE DETENDED BY THE CONTRACTOR DURING CONSTRUCTION IN ACCORDANCE WITH THE ESCENCE (ECO'S) WILL BE DETENDENTED BY THE CONTRACTOR DURING CONSTRUCTION IN ACCORDANCE WITH THE ESCENCE (ECO'S) WILL BE DETENDED FOR SECOND FOR DURING CONSTRUCTION WITH THE ENVIRONMENTAL INSPECTOR AS NEEDED. THE LOCATION OF ECO'S DEPICTED ON THIS PLAN ARE INTENDED FOR GUIDANCE PURPOSES ONLY.

|   | 1A<br>1 |                 | 15MAR16<br>23FEB16 | PROJ. ENG. VP<br>CHECKED BY: DOB |      | TITLE:<br>NEXUS GAS TRANSMISSION PROJECT<br>RESIDENTIAL DRAWING<br>MP 254.84R TO MP 254.96R |                     | NEXUS.           |
|---|---------|-----------------|--------------------|----------------------------------|------|---|---------------------|------------------|
| # | 0       | ISSUED FOR FERC | 23FEB16            | DRAWN BY: RSM                    |      | LOC .: WASHTENAW COUNTY, MICHIGAN   | REV:1A              | GAS TRANSMISSION |
| Ċ | REV.#   | DESCRIPTION     | DATE               | SCALE: AS SHOWN                  | DATE | YR.: 2017 W.O.  | DWG.NO. WATE-P-8027 |                  |