# NEXUS Gas Transmission, LLC Docket No. CP16-22-000 / FERC DEIS-270D Response to Staff Recommended Mitigation in the July 8, 2016 draft EIS

# **ENVIRONMENTAL INFORMATION RESPONSE**

(Numbering of responses in this document corresponds to FERC Staff recommendations In Section 5.2 of the above-referenced draft Environmental Impact Statement)

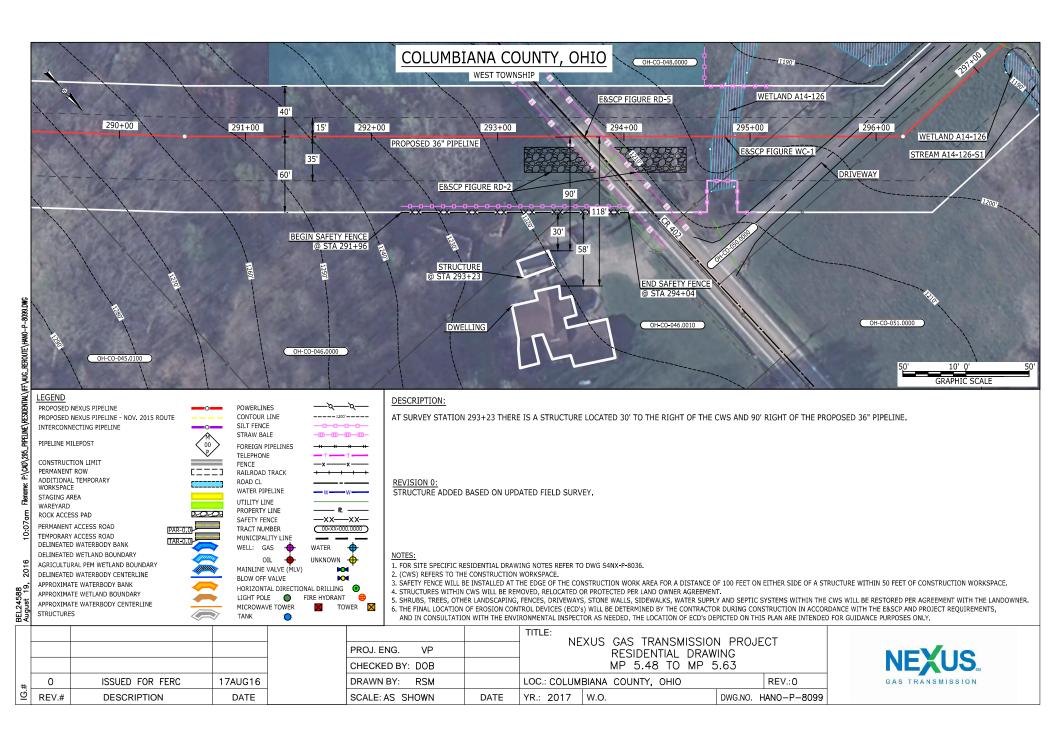
<b>Attachment</b>	7 –	Response	29
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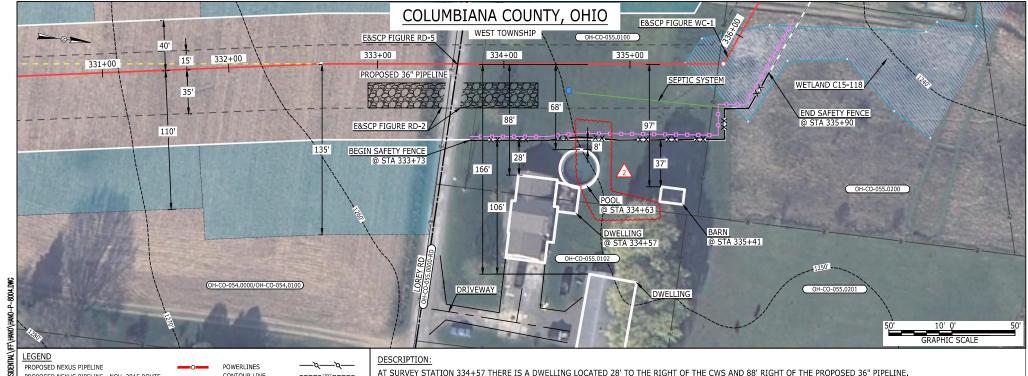
**Updated NEXUS Residential Crossing Plans** 

# NEXUS PROJECT RESIDENTIAL CROSSING PLANS (RCP'S) (LIST OF RCP'S REMOVED FROM PROJECT DUE TO PROJECT DESIGN OR ROUTE MODIFICATIONS ONLY)

ONLY)
DRAWING NUMBER
HANO-P-8015
HANO-P-8033
HANO-P-8034
HANO-P-8038
HANO-P-8056
WADS-P-8002
WADS-P-8003
WADS-P-8004
WADS-P-8005
WADS-P-8050
WADS-P-8007
WADS-P-8012
WADS-P-8014
WADS-P-8019
WADS-P-8041
CLYD-P-8008
WATE-P-8005
WATE-P-8015
<del></del>

NEXUS PROJECT RESIDENTIAL CROSSING PLANS (UPDATED AND NEW DRAWINGS ONLY) INDEX							
DRAWING							
HANO-P-8099	WADS-P-8030						
HANO-P-8004	WADS-P-8048						
HANO-P-8013	WADS-P-8033						
HANO-P-8017	CLYD-P-8003						
HANO-P-8018	CLYD-P-8005						
HANO-P-8019	CLYD-P-8009						
HANO-P-8021	WATE-P-8003						
HANO-P-8022	WATE-P-8004						
HANO-P-8026	WATE-P-8007						
HANO-P-8028	WATE-P-8014						
HANO-P-8030							
HANO-P-8031							
HANO-P-8032							
HANO-P-8070							
HANO-P-8071							
HANO-P-8072							
HANO-P-8036							
HANO-P-8037							
HANO-P-8100							
HANO-P-8039							
HANO-P-8042							
HANO-P-8043							
HANO-P-8047							
HANO-P-8049							
HANO-P-8075							
HANO-P-8076							
HANO-P-8053							
HANO-P-8077							
HANO-P-8058							
HANO-P-8062							
HANO-P-8063							
HANO-P-8079							
WADS-P-8075							
WADS-P-8072							
WADS-P-8073							
WADS-P-8074							
WADS-P-8009							
WADS-P-8008							
WADS-P-8025							
WADS-P-8049							
VV/\DO 1 0040							





PROPOSED NEXUS PIPELINE - NOV. 2015 ROUTE INTERCONNECTING PIPELINE

PIPELINE MILEPOST

CONSTRUCTION LIMIT PERMANENT ROW ADDITIONAL TEMPORARY

STAGING AREA WAREYARD ROCK ACCESS PAD PERMANENT ACCESS ROAD TEMPORARY ACCESS ROAD

DELINEATED WATERBODY BANK DELINEATED WETLAND BOUNDARY AGRICULTURAL PEM WETLAND BOUNDARY DELINEATED WATERBODY CENTERLINE APPROXIMATE WATERBODY BANK APPROXIMATE WETLAND BOUNDARY

APPROXIMATE WATERBODY CENTERLINE

STRUCTURES

CONTOUR LINE SILT FENCE STRAW BALE FOREIGN PIPELINES TELEPHONE FENCE RAILROAD TRACK ROAD CL WATER PIPELINE UTILITY LINE PROPERTY LINE SAFETY FENCE —xx—xx— TRACT NUMBER ( 00-XX-000.0000 ) MUNICIPALITY LINE WELL: GAS WATER OIL unknown + MAINLINE VALVE (MLV) BLOW OFF VALVE **XX** HORIZONTAL DIRECTIONAL DRILLING . LIGHT POLE FIRE HYDRANT MICROWAVE TOWER TOWER 🔀 TANK

AT SURVEY STATION 335+41 THERE IS A BARN LOCATED 37' TO THE RIGHT OF THE CWS AND 97' RIGHT OF THE PROPOSED 36" PIPELINE.

AT SURVEY STATION 334+63 THERE IS A POOL LOCATED 8' TO THE RIGHT OF THE CWS AND 68' RIGHT OF THE PROPOSED 36" PIPELINE.

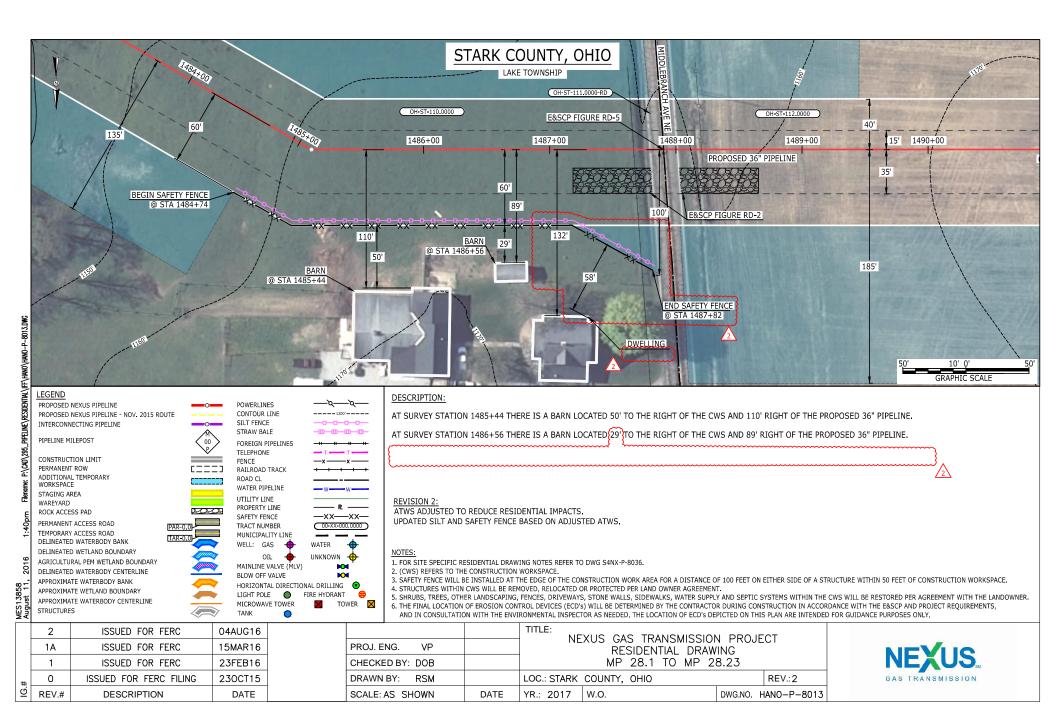
1. SEE DWG HANO-P-8005 FOR THE CONTINUATION OF THE RESIDENTIAL AREA.

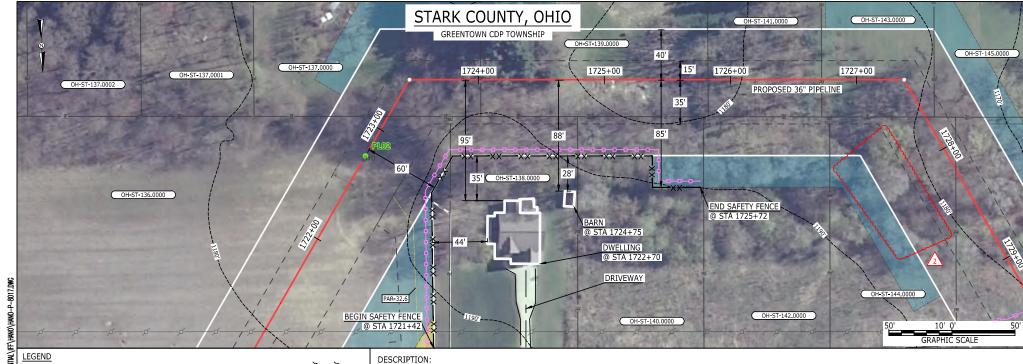
UPDATED POOL DIMENSIONS.

- 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 REMOVED. RELOCATED OR PROTECTED PER LAND OWNER AGREEMENT.
- 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.
- 6. THE FINAL LOCATION OF EROSION CONTROL DEVICES (ECD's) WILL BE DETERMINED BY THE CONTRACTOR DURING CONSTRUCTION IN ACCORDANCE WITH THE E&SCP 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.

	2	ISSUED FOR FERC	04AUG16				TITLE:	XUS GAS TRANSMISSIO	N DDA I	FCT
	1B	ISSUED FOR FERC	15MAR16	PROJ. ENG.	VP		INC	RESIDENTIAL DRAW		ECI
	1A	ISSUED FOR FERC	26FEB16	CHECKED BY:	DOB			MP 6.25R TO MP	6.37	
#	1	ISSUED FOR FERC	23FEB16	DRAWN BY:	RSM		LOC.: COLUM	BIANA COUNTY, OHIO		REV.:2
<u>U</u>	REV.#	DESCRIPTION	DATE	SCALE: AS SH	IOWN	DATE	YR.: 2017	W.O.	DWG.NO.	HANO-P-8004







PROPOSED NEXUS PIPELINE PROPOSED NEXUS PIPELINE - NOV. 2015 ROUTE INTERCONNECTING PIPELINE

PIPELINE MILEPOST

CONSTRUCTION LIMIT PERMANENT ROW ADDITIONAL TEMPORARY

STAGING AREA WAREYARD ROCK ACCESS PAD

PERMANENT ACCESS ROAD TEMPORARY ACCESS ROAD DELINEATED WATERBODY BANK DELINEATED WETLAND BOUNDARY AGRICULTURAL PEM WETLAND BOUNDARY DELINEATED WATERBODY CENTERLINE APPROXIMATE WATERBODY BANK APPROXIMATE WETLAND BOUNDARY

APPROXIMATE WATERBODY CENTERLINE

STRUCTURES

—*γ*—*γ*— POWERLINES CONTOUR LINE SILT FENCE STRAW BALE FOREIGN PIPELINES TELEPHONE FENCE RAILROAD TRACK ROAD CL WATER PIPELINE UTILITY LINE PROPERTY LINE SAFETY FENCE —xx—xx— TRACT NUMBER ( 00-XX-000.0000 ) MUNICIPALITY LINE WELL: GAS WATER OIL UNKNOWN + MAINLINE VALVE (MLV) BLOW OFF VALVE **M** HORIZONTAL DIRECTIONAL DRILLING . LIGHT POLE FIRE HYDRANT

MICROWAVE TOWER

TANK

AT SURVEY STATION 1722+70 THERE IS A DWELLING LOCATED 35' TO THE RIGHT OF THE CWS AND 95' RIGHT OF THE PROPOSED 36" PIPELINE.

AT SURVEY STATION 1724+75 THERE IS A BARN LOCATED 28' TO THE RIGHT OF THE CWS AND 88' RIGHT OF THE PROPOSED 36" PIPELINE.

# SPECIAL NOTES:

1. SEE DWG HANO-P-8018 FOR THE CONTINUATION OF THE RESIDENTIAL AREA.

ATWS/TWS ADJUSTED BASED ON UPDATED ENGINEERING DESIGN.

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 REMOVED. RELOCATED OR PROTECTED PER LAND OWNER AGREEMENT.
- 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. 6. THE FINAL LOCATION OF EROSION CONTROL DEVICES (ECD's) WILL BE DETERMINED BY THE CONTRACTOR DURING CONSTRUCTION IN ACCORDANCE WITH THE E&SCP 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.

	2	ISSUED FOR FERC	04AUG16
	1A	ISSUED FOR FERC	15MAR16
	1	ISSUED FOR FERC	23FEB16
#	0	ISSUED FOR FERC FILING	230CT15
#:9I	REV.#	DESCRIPTION	DATE

		NEXUS GAS TRANSMISSION PROJECT
PROJ. ENG. VP		RESIDENTIAL DRAWING
CHECKED BY: DOB		MP 32.6 TO MP 32.75
DRAWN BY: RSM		LOC.: STARK COUNTY, OHIO REV.:2
SCALE: AS SHOWN	DATE	YR.: 2017 W.O. DWG.NO. HANO-P-801





CONSTRUCTION LIMIT PERMANENT ROW ADDITIONAL TEMPORARY

STAGING AREA WAREYARD ROCK ACCESS PAD

PERMANENT ACCESS ROAD TEMPORARY ACCESS ROAD DELINEATED WATERBODY BANK DELINEATED WETLAND BOUNDARY AGRICULTURAL PEM WETLAND BOUNDARY DELINEATED WATERBODY CENTERLINE APPROXIMATE WATERBODY BANK APPROXIMATE WETLAND BOUNDARY

APPROXIMATE WATERBODY CENTERLINE

STRUCTURES

FOREIGN PIPELINES TELEPHONE FENCE RAILROAD TRACK ROAD CL WATER PIPELINE UTILITY LINE PROPERTY LINE SAFETY FENCE TRACT NUMBER

—xx—xx— ( 00-XX-000.0000 ) MUNICIPALITY LINE WELL: GAS WATER OIL

UNKNOWN + MAINLINE VALVE (MLV) BLOW OFF VALVE **M** HORIZONTAL DIRECTIONAL DRILLING . LIGHT POLE FIRE HYDRANT

MICROWAVE TOWER TOWER 🔀 TANK 0

# SPECIAL NOTES:

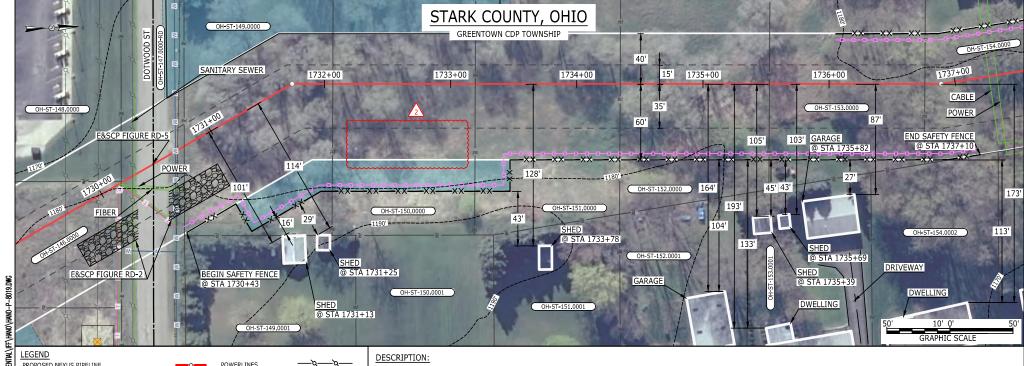
1. SEE DWG HANO-P-8017 & HANO-P-8019 FOR THE CONTINUATION OF THE RESIDENTIAL AREA.

ATWS/TWS ADJUSTED BASED ON UPDATED ENGINEERING PLAN. UPDATED WITH ROAD TRACT NUMBER.

- 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 REMOVED. RELOCATED OR PROTECTED PER LAND OWNER AGREEMENT.
- 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. 6. THE FINAL LOCATION OF EROSION CONTROL DEVICES (ECD's) WILL BE DETERMINED BY THE CONTRACTOR DURING CONSTRUCTION IN ACCORDANCE WITH THE E&SCP 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.

	2	ISSUED FOR FERC	04AUG16				TITLE:	XUS GAS TRANSMISSIO	N DDOI	FCT
	1A	ISSUED FOR FERC	15MAR16	PROJ. ENG.	VP		INE	RESIDENTIAL DRAW		
	1	ISSUED FOR FERC	23FEB16	CHECKED BY:	DOB			MP 32.71 TO MP	32.81	
#	0	ISSUED FOR FERC FILING	230CT15	DRAWN BY:	RSM		LOC.: STARK	COUNTY, OHIO		REV.:2
<u>C</u>	REV.#	DESCRIPTION	DATE	SCALE: AS SH	NWOH	DATE	YR.: 2017	W.O.	DWG.NO.	HAN0-P-8018





PROPOSED NEXUS PIPELINE
PROPOSED NEXUS PIPELINE - NOV. 2015 ROUTE
INTERCONNECTING PIPELINE

PIPELINE MILEPOST

CONSTRUCTION LIMIT PERMANENT ROW ADDITIONAL TEMPORARY WORKSPACE

WORKSPACE STAGING AREA WAREYARD ROCK ACCESS PAD

STRUCTURES

KOUK ACCESS PAID

PERMANENT ACCESS ROAD

TEMPORARY ACCESS ROAD

DELINEATED WATERBODY BANK

DELINEATED WETLAND BOUNDARY

AGRICULTURAL PEM WETLAND BOUNDARY

DELINEATED WATERBODY CENTERLINE

APPROXIMATE WATERBODY BANK

APPROXIMATE WETLAND BOUNDARY

APPROXIMATE WATERBODY CENTERLINE

POWERLINES CONTOUR LINE SILT FENCE STRAW BALE FOREIGN PIPELINES TELEPHONE FENCE RAILROAD TRACK ROAD CL WATER PIPELINE UTILITY LINE PROPERTY LINE SAFETY FENCE —xx—xx— TRACT NUMBER ( 00-XX-000.0000 ) MUNICIPALITY LINE WELL: GAS WATER OIL UNKNOWN + MAINLINE VALVE (MLV) BLOW OFF VALVE **M** HORIZONTAL DIRECTIONAL DRILLING .

FIRE HYDRANT

TOWER 🔀

LIGHT POLE

MICROWAVE TOWER

TANK

200

AT SURVEY STATION 1731+13 THERE IS A SHED LOCATED 16' TO THE RIGHT OF THE CWS AND 101' RIGHT OF THE PROPOSED 36" PIPELINE.

AT SURVEY STATION 1731+25 THERE IS A SHED LOCATED 29' TO THE RIGHT OF THE CWS AND 114' RIGHT OF THE PROPOSED 36" PIPELINE.

AT SURVEY STATION 1733+78 THERE IS A SHED LOCATED 43' TO THE RIGHT OF THE CWS AND 128' RIGHT OF THE PROPOSED 36" PIPELINE.

AT SURVEY STATION 1735+39 THERE IS A SHED LOCATED 45' TO THE RIGHT OF THE CWS AND 105' RIGHT OF THE PROPOSED 36" PIPELINE.

AT SURVEY STATION 1735+69 THERE IS A SHED LOCATED 43' TO THE RIGHT OF THE CWS AND 103' RIGHT OF THE PROPOSED 36" PIPELINE.

AT SURVEY STATION 1735+82 THERE IS A GARAGE LOCATED 27' TO THE RIGHT OF THE CWS AND 87' RIGHT OF THE PROPOSED 36" PIPELINE.

SPECIAL NOTES:

1. SEE DWG HANO-P-8018 & HANO-P-8020 FOR THE CONTINUATION OF THE RESIDENTIAL AREA.

### EVISION 2:

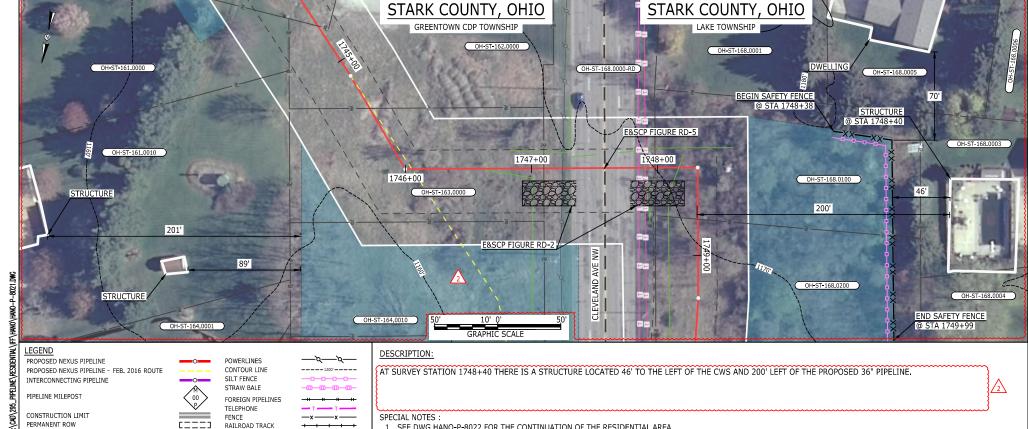
ATWS/TWS ADJUSTED BASED ON UPDATED ENGINEERING DESIGN.

### NOTES:

- 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 REMOVED, RELOCATED OR PROTECTED PER LAND OWNER AGREEMENT.
  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.
- 6. THE FINAL LOCATION OF EROSION CONTROL DEVICES (ECD's) WILL BE DETERMINED BY THE CONTRACTOR DURING CONSTRUCTION IN ACCORDANCE WITH THE E&SCP 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.

	2	ISSUED FOR FERC	04AUG16				TITLE:	XUS GAS TRANSMISSIO	N DDO I	ECT
	1A	ISSUED FOR FERC	15MAR16	PROJ. ENG.	VP		INC	RESIDENTIAL DRAWING		
	1	ISSUED FOR FERC	23FEB16	CHECKED BY:	DOB			MP 32.75 TO MP 3	32.91	
#	0	ISSUED FOR FERC FILING	230CT15	DRAWN BY:	RSM		LOC.: STARK	COUNTY, OHIO		REV.:2
<u>Ö</u>	REV.#	DESCRIPTION	DATE	SCALE: AS SH	OWN	DATE	YR.: 2017	W.O.	DWG.NO.	HANO-P-8019





1. SEE DWG HANO-P-8022 FOR THE CONTINUATION OF THE RESIDENTIAL AREA.

ROAD CL

WATER PIPELINE

UTILITY LINE

PROPERTY LINE

TRACT NUMBER

MUNICIPALITY LINE

OIL

MAINLINE VALVE (MLV)

SAFETY FENCE

WELL: GAS

BLOW OFF VALVE

LIGHT POLE

MICROWAVE TOWER

TANK

ADDITIONAL TEMPORARY

PERMANENT ACCESS ROAD

TEMPORARY ACCESS ROAD

DELINEATED WATERBODY BANK

DELINEATED WETLAND BOUNDARY

APPROXIMATE WATERBODY BANK

APPROXIMATE WETLAND BOUNDARY

AGRICULTURAL PEM WETLAND BOUNDARY

DELINEATED WATERBODY CENTERLINE

APPROXIMATE WATERBODY CENTERLINE

WORKSPACE

WAREYARD

STRUCTURES

STAGING AREA

ROCK ACCESS PAD

CENTERLINE REPOUTED TO AVOID EXISTING UTILITIES TWS/ATWS ADJUSTED ACCORDINGLY. UPDATED SILT AND SAFETY FENCES BASED ON ADJUSTED TWS/ATWS.

—xx—xx—

( 00-XX-000.0000 )

**M** 

TOWER 🔀

UNKNOWN +

WATER

FIRE HYDRANT

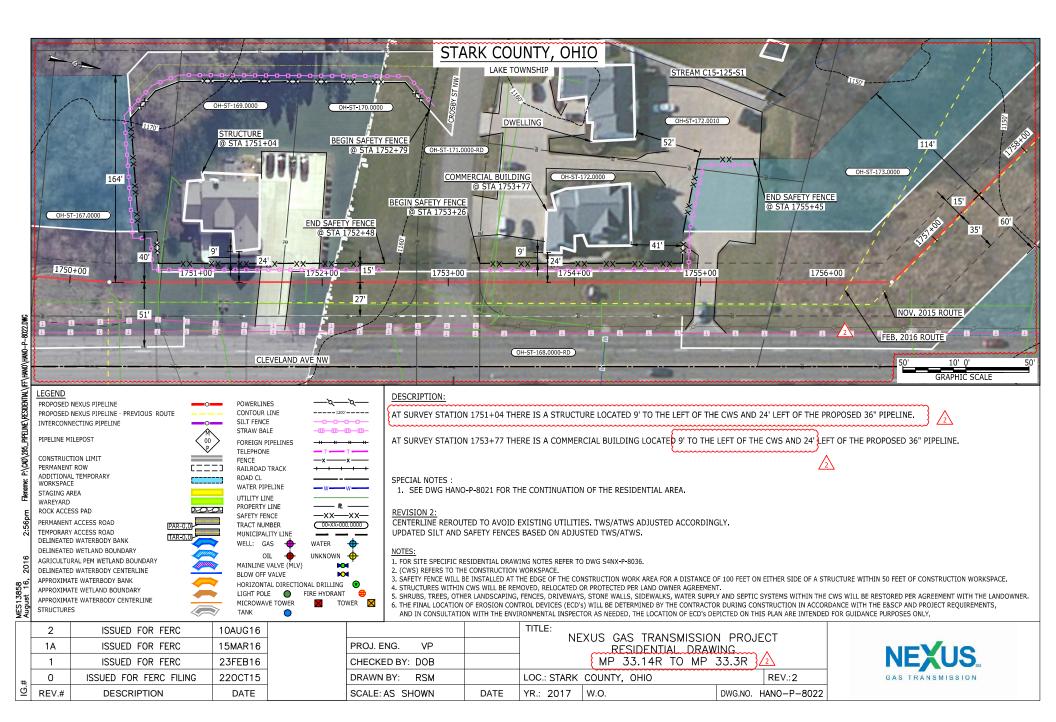
HORIZONTAL DIRECTIONAL DRILLING .

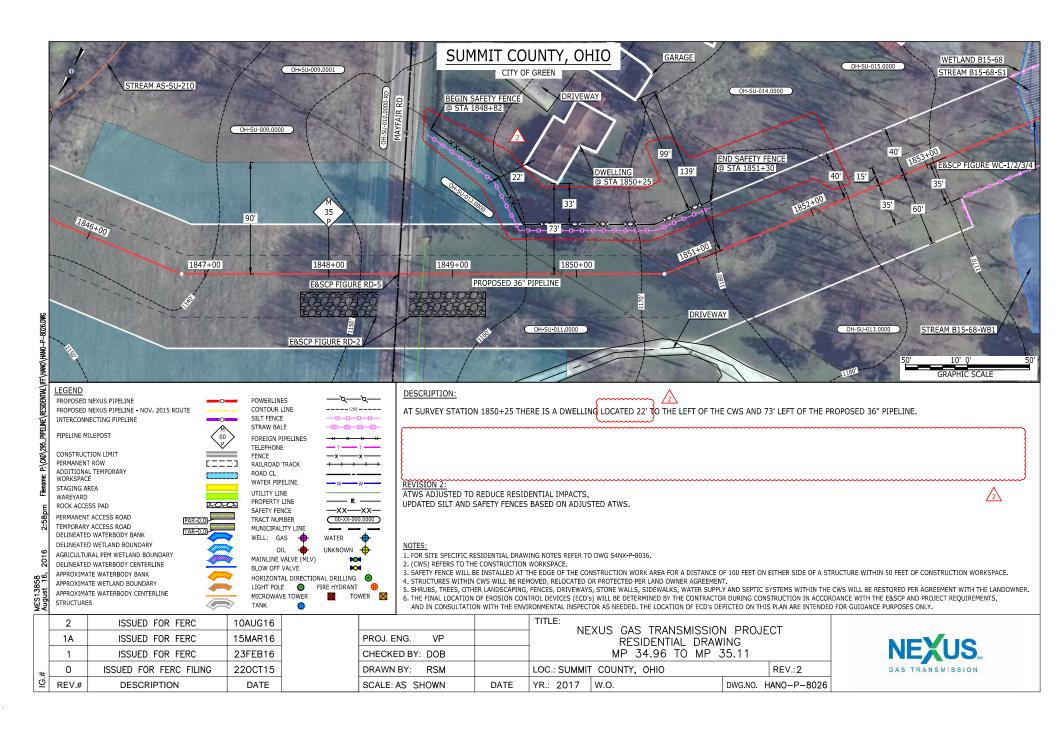
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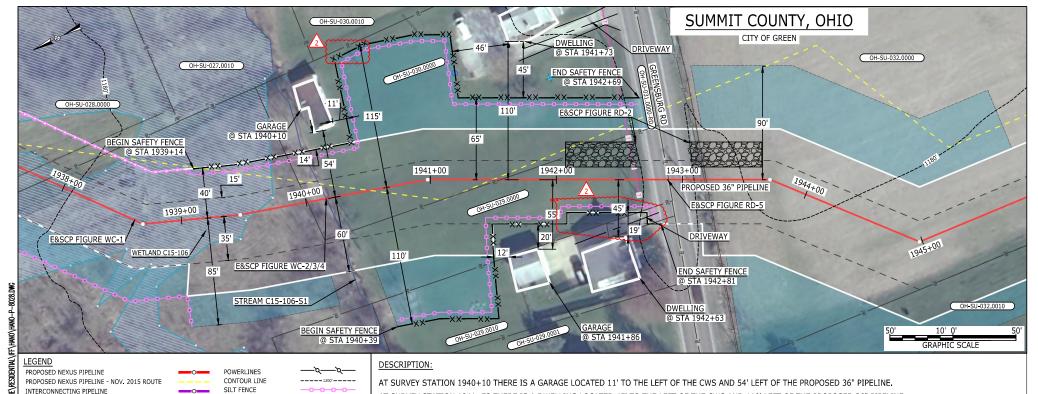
- 1. FOR SITE SPECIFIC RESIDENTIAL DRAWING NOTES REFER TO DWG S4NX-P-8036.
- 2. (CWS) REFERS TO THE CONSTRUCTION WORKSPACE.
- 3. SAFETY FENCE WILL BE INSTALLED AT THE EDGE OF THE CONSTRUCTION WORK AREA FOR A DISTANCE OF 100 FEET ON EITHER SIDE OF A STRUCTURE WITHIN 50 FEET OF CONSTRUCTION WORKSPACE. 4. STRUCTURES WITHIN CWS WILL BE REMOVED. RELOCATED OR PROTECTED PER LAND OWNER AGREEMENT.
- 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.
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	2	ISSUED FOR FERC	10AUG16			TITLE:	XUS GAS TRANSMISSIOI	VI DDO II	
	1A	ISSUED FOR FERC	15MAR16	PROJ. ENG. VP			RESIDENTIAL DRAW		
	1	ISSUED FOR FERC	23FEB16	CHECKED BY: DOB			MP 33.04 TO MP 3	3.14R	2
#	0	ISSUED FOR FERC FILING	220CT15	DRAWN BY: RSM		LOC.: STARK	COUNTY, OHIO		REV.:2
<u>0</u>	REV.#	DESCRIPTION	DATE	SCALE: AS SHOWN	DATE	YR.: 2017	WO	DWG NO	HANO-P-8021









AT SURVEY STATION 1941+73 THERE IS A DWELLING LOCATED 45' TO THE LEFT OF THE CWS AND 110' LEFT OF THE PROPOSED 36" PIPELINE.

AT SURVEY STATION 1941+86 THERE IS A GARAGE LOCATED 12' TO THE RIGHT OF THE CWS AND 55' RIGHT OF THE PROPOSED 36" PIPELINE.

AT SURVEY STATION 1942+63 THERE IS A DWELLING LOCATED 19 TO THE RIGHT OF THE CWS AND 45' RIGHT OF THE PROPOSED 36" PIPELINE.

REVISION 2:

—xx—xx—

( 00-XX-000.0000 )

**M** 

TOWER 🔀

UNKNOWN +

WATER

FIRE HYDRANT

HORIZONTAL DIRECTIONAL DRILLING .

STRAW BALE

FENCE

ROAD CL

FOREIGN PIPELINES TELEPHONE

RAILROAD TRACK

WATER PIPELINE

UTILITY LINE

PROPERTY LINE

SAFETY FENCE

WELL: GAS

BLOW OFF VALVE

LIGHT POLE

MICROWAVE TOWER

TANK

TRACT NUMBER

MUNICIPALITY LINE

OIL

MAINLINE VALVE (MLV)

PIPELINE MILEPOST

CONSTRUCTION LIMIT

ADDITIONAL TEMPORARY

PERMANENT ACCESS ROAD

TEMPORARY ACCESS ROAD

DELINEATED WATERBODY BANK

DELINEATED WETLAND BOUNDARY

APPROXIMATE WATERBODY BANK

APPROXIMATE WETLAND BOUNDARY

AGRICULTURAL PEM WETLAND BOUNDARY

DELINEATED WATERBODY CENTERLINE

APPROXIMATE WATERBODY CENTERLINE

PERMANENT ROW

ROCK ACCESS PAD

STAGING AREA

WAREYARD

STRUCTURES

TWS ADJUSTED TO REDUCE RESIDENTIAL IMPACT.

ATWS ADJUSTED BASED ON UPDATED CIVIL FIELD SURVEY.

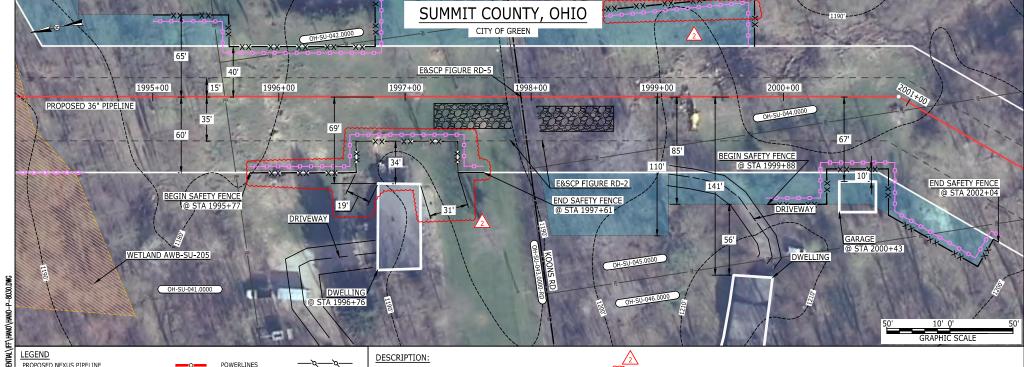
UPDATED SILT AND SAFETY FENCES BASED ON ADJUSTED TWS/ATWS.

### NOTES:

- 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.
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<u>6</u>	REV.#	DESCRIPTION	DATE	SCA	LE: AS S	SHOWN	DATE	YR.: 2017	W.O.	DWG.NO.	HANO-P-8028
#	0	ISSUED FOR FERC FILING	220CT15	DRA	WN BY:	RSM		LOC.: SUMMIT	COUNTY, OHIO		REV.:2
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	1A	ISSUED FOR FERC	15MAR16	PRO	J. ENG.	VP		NEXUS GAS TRANSMISSION PROJECT RESIDENTIAL DRAWING			
	2	ISSUED FOR FERC	04AUG16					TITLE:	THE CAS TRANSMISSIO	N DDO II	-ct





LEGEND
PROPOSED NEXUS PIPELINE
PROPOSED NEXUS PIPELINE - NOV. 2015 ROUTE
INTERCONNECTING PIPELINE

PIPELINE MILEPOST

CONSTRUCTION LIMIT PERMANENT ROW ADDITIONAL TEMPORARY

ADDITIONAL TEMPORAL WORKSPACE STAGING AREA WAREYARD

ROCK ACCESS PAD
PERMANENT ACCESS ROAD
TEMPORARY ACCESS ROAD
DELINEATED WATERBODY BANK
DELINEATED WETLAND BOUNDARY
AGRICULTURAL PEM WETLAND BOUNDARY
DELINEATED WATERBODY CENTERLINE

DELINEATED WATERBODY CENTERLINE APPROXIMATE WATERBODY BANK APPROXIMATE WETLAND BOUNDARY APPROXIMATE WATERBODY CENTERLINE STRUCTURES AT SURVEY STATION 1996+76 THERE IS A DWELLING LOCATED (19) TO THE RIGHT OF THE CWS AND 69' RIGHT OF THE PROPOSED 36" PIPELINE.

AT SURVEY STATION 2000+43 THERE IS A GARAGE LOCATED INSIDE OF THE CWS AND 67' RIGHT OF THE PROPOSED 36" PIPELINE.

# SPECIAL NOTES:

- 1. FULL WIDTH OF NOMINAL 100-FT ROW HAS BEEN SHOWN DUE TO THE REQUIRED ROAD BORE OF KOONS RD. NO ATWS HAS BEEN PLACED ON THE LAND OWNER WHOSE RESIDENCE IS WITHIN 9-FT OF THE NOMINAL ROW TO REDUCE IMPACTS TO THE LANDSCAPING.
- 2. NEXUS WILL USE SAFETY FENCING ALONG THE BOUNDARY OF THIS ROW TO ENSURE NO DAMAGE TO THE RESIDENCE.
- 3. SEE DWG HANO-P-8031 FOR THE CONTINUATION OF THE RESIDENTIAL AREA.

# **REVISION 2:**

ATWS/TWS ADJUSTED TO REDUCE RESIDENTIAL IMPACTS.

UPDATED SILT AND SAFETY FENCES BASED ON ADJUSTED ATWS/TWS.

# NOTES:

—xx—xx—

( 00-XX-000.0000 )

TOWER 🔀

UNKNOWN +

WATER

FIRE HYDRANT

HORIZONTAL DIRECTIONAL DRILLING

- 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 REMOVED, RELOCATED OR PROTECTED PER LAND OWNER AGREEMENT.
- 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.
  6. THE FINAL LOCATION OF EROSION CONTROL DEVICES (ECD's) WILL BE DETERMINED BY THE CONTRACTOR DURING CONSTRUCTION IN ACCORDANCE WITH THE E&SCP 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.

		2	ISSUED FOR FERC	04AUG16
#.	1A	ISSUED FOR FERC	15MAR16	
		1	ISSUED FOR FERC	23FEB16
	0	ISSUED FOR FERC FILING	220CT15	
	IG.	REV.#	DESCRIPTION	DATE

CONTOUR LINE

SILT FENCE

STRAW BALE

TELEPHONE

FENCE

ROAD CL

FOREIGN PIPELINES

RAILROAD TRACK

WATER PIPELINE

UTILITY LINE

PROPERTY LINE

SAFETY FENCE

TRACT NUMBER

WELL: GAS

BLOW OFF VALVE

LIGHT POLE

MICROWAVE TOWER

TANK

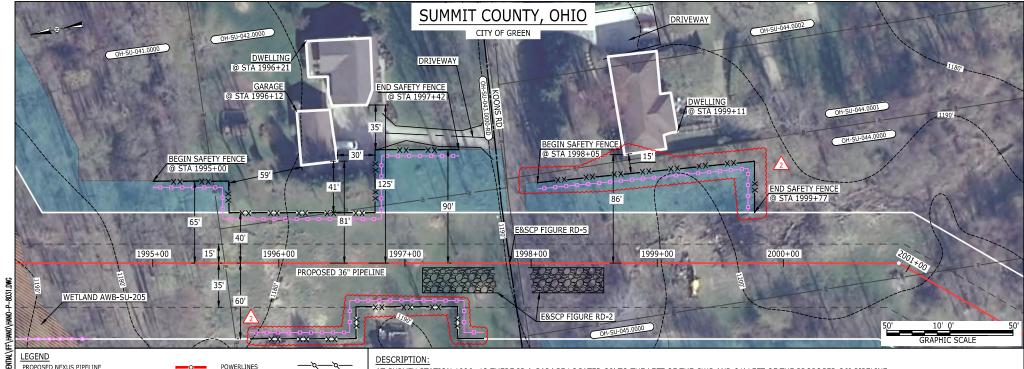
MUNICIPALITY LINE

OIL

MAINLINE VALVE (MLV)

PROJ. ENG. VP		NEXUS GAS TRANSMISSION PROJECT RESIDENTIAL DRAWING							
CHECKED BY: DOB		MP 37.76 TO MP 37.92							
DRAWN BY: RSM		LOC.: SUMMIT COUNTY, OHIO REV.:2							
SCALE: AS SHOWN	DATE	YR.: 2017 W.O. DWG.NO. HANO-P-8	030						





PROPOSED NEXUS PIPELINE PROPOSED NEXUS PIPELINE - NOV. 2015 ROUTE INTERCONNECTING PIPELINE

PIPELINE MILEPOST

CONSTRUCTION LIMIT PERMANENT ROW ADDITIONAL TEMPORARY

WORKSPACE STAGING AREA WAREYARD ROCK ACCESS PAD

PERMANENT ACCESS ROAD TEMPORARY ACCESS ROAD DELINEATED WATERBODY BANK DELINEATED WETLAND BOUNDARY DELINEATED WATERBODY CENTERLINE

AGRICULTURAL PEM WETLAND BOUNDARY APPROXIMATE WATERBODY BANK APPROXIMATE WETLAND BOUNDARY APPROXIMATE WATERBODY CENTERLINE STRUCTURES

..... ... ...

# —*γ*—*γ*—

—xx—xx—

( 00-XX-000.0000 )

TOWER 🔀

UNKNOWN +

WATER

FIRE HYDRANT

HORIZONTAL DIRECTIONAL DRILLING

AT SURVEY STATION 1996+12 THERE IS A GARAGE LOCATED 30' TO THE LEFT OF THE CWS AND 81' LEFT OF THE PROPOSED 36" PIPELINE. AT SURVEY STATION 1996+21 THERE IS A DWELLING LOCATED 35' TO THE LEFT OF THE CWS AND 125' LEFT OF THE PROPOSED 36" PIPELINE. AT SURVEY STATION 1999+11 THERE IS A DWELLING LOCATED 15' TO THE LEFT OF THE CWS AND 86' LEFT OF THE PROPOSED 36" PIPELINE.

# SPECIAL NOTE:

- 1. ATWS UP TO 10-FT TO THE EDGE OF THE RESIDENCE HAS BEEN SHOWN TO ACCOMMODATE THE KOONS RD BORE.
- 2. NEXUS WILL USE SAFETY FENCING ALONG THE BOUNDARY OF THIS ROW TO ENSURE NO DAMAGE TO THE RESIDENCE.
- 3. SEE DWG HANO-P-8030 FOR THE CONTINUATION OF THE RESIDENTIAL AREA.

# **REVISION 2:**

ATWS/TWS ADJUSTED TO REDUCE RESIDENTIAL IMPACTS. UPDATED SILT AND SAFETY FENCES BASED ON ADJUSTED ATWS/TWS.

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

TITLE.

- 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 REMOVED, RELOCATED OR PROTECTED PER LAND OWNER AGREEMENT.
- 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. 6. THE FINAL LOCATION OF EROSION CONTROL DEVICES (ECD's) WILL BE DETERMINED BY THE CONTRACTOR DURING CONSTRUCTION IN ACCORDANCE WITH THE E&SCP 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.

<u> </u>	REV.#	DESCRIPTION	DATE	S	SCALE: AS SHOWN	DATE
#	0	ISSUED FOR FERC FILING	220CT15	С	DRAWN BY: RSM	
	1	ISSUED FOR FERC	23FEB16	C	CHECKED BY: DOB	
	1A	ISSUED FOR FERC	15MAR16	F	PROJ. ENG. VP	
	2	ISSUED FOR FERC	04AUG16			

TANK

0.441104.0

CONTOUR LINE

SILT FENCE

STRAW BALE

TELEPHONE

FENCE

ROAD CL

FOREIGN PIPELINES

RAILROAD TRACK

WATER PIPELINE

UTILITY LINE

PROPERTY LINE

SAFETY FENCE

TRACT NUMBER

WELL: GAS

BLOW OFF VALVE

LIGHT POLE

MICROWAVE TOWER

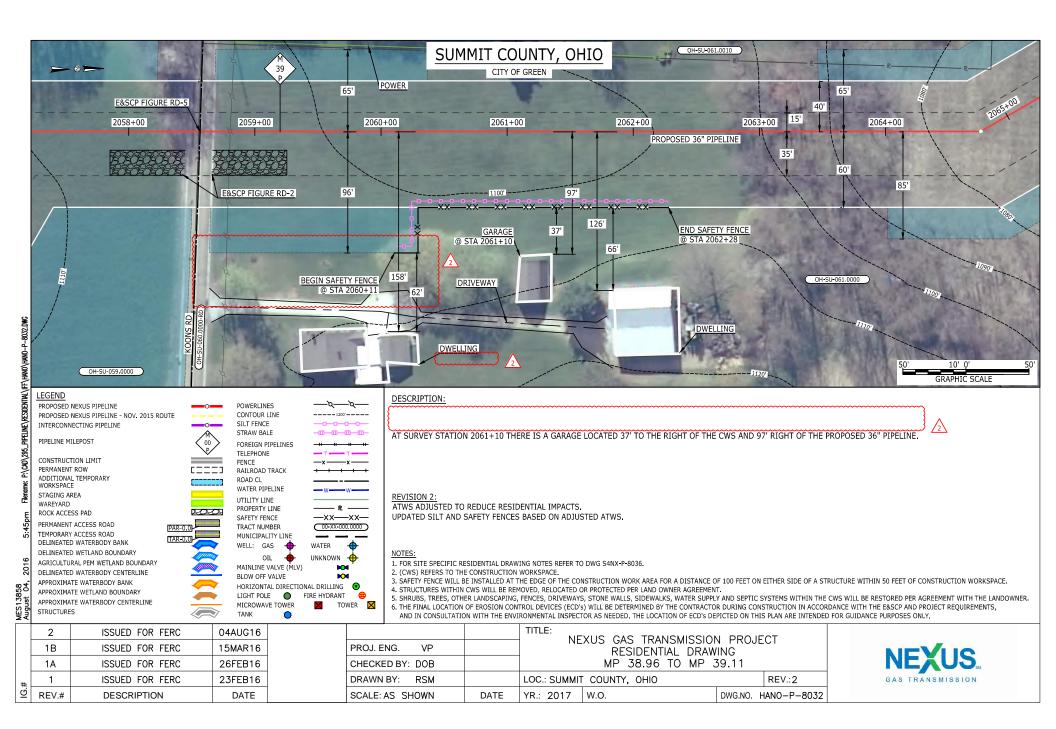
MUNICIPALITY LINE

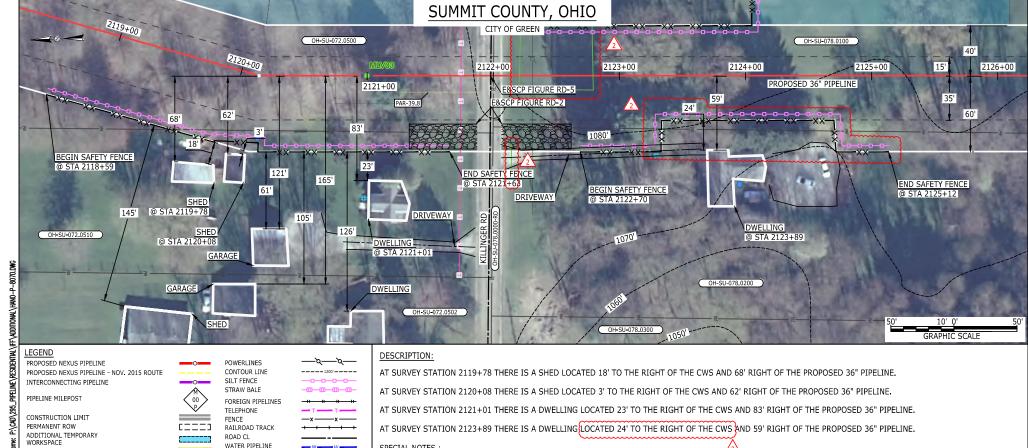
OIL

MAINLINE VALVE (MLV)

	NEXUS GAS TRANSMISSION PROJECT RESIDENTIAL DRAWING MP 37.76 TO MP 37.92								
	LOC.: SUMMIT	COUNTY, OHIO		REV.:2					
E	YR.: 2017	W.O.	DWG.NO. H	ANO-P-8031					







# SPECIAL NOTES:

1. SEE DWG HANO-P-8071 FOR THE CONTINUATION OF THE RESIDENTIAL AREA.

### REVISION 2:

UTILITY LINE

PROPERTY LINE

SAFETY FENCE

TRACT NUMBER

WELL: GAS

BLOW OFF VALVE

LIGHT POLE

MICROWAVE TOWER

TANK

MUNICIPALITY LINE

OIL

MAINLINE VALVE (MLV)

STAGING AREA

ROCK ACCESS PAD

PERMANENT ACCESS ROAD

TEMPORARY ACCESS ROAD

DELINEATED WATERBODY BANK

DELINEATED WETLAND BOUNDARY

APPROXIMATE WATERBODY BANK

APPROXIMATE WETLAND BOUNDARY

AGRICULTURAL PEM WETLAND BOUNDARY

DELINEATED WATERBODY CENTERLINE

APPROXIMATE WATERBODY CENTERLINE

WAREYARD

STRUCTURES

TWS ADJUSTED TO REDUCE RESIDENTIAL IMPACTS.

UPDATED SILT AND SAFETY FENCES BASED ON ADJUSTED TWS.

UPDATED FIELD SURVEY UTILITY LINES.

# NOTES:

—xx—xx—

( 00-XX-000.0000 )

**M** 

TOWER 🔀

UNKNOWN +

WATER

FIRE HYDRANT

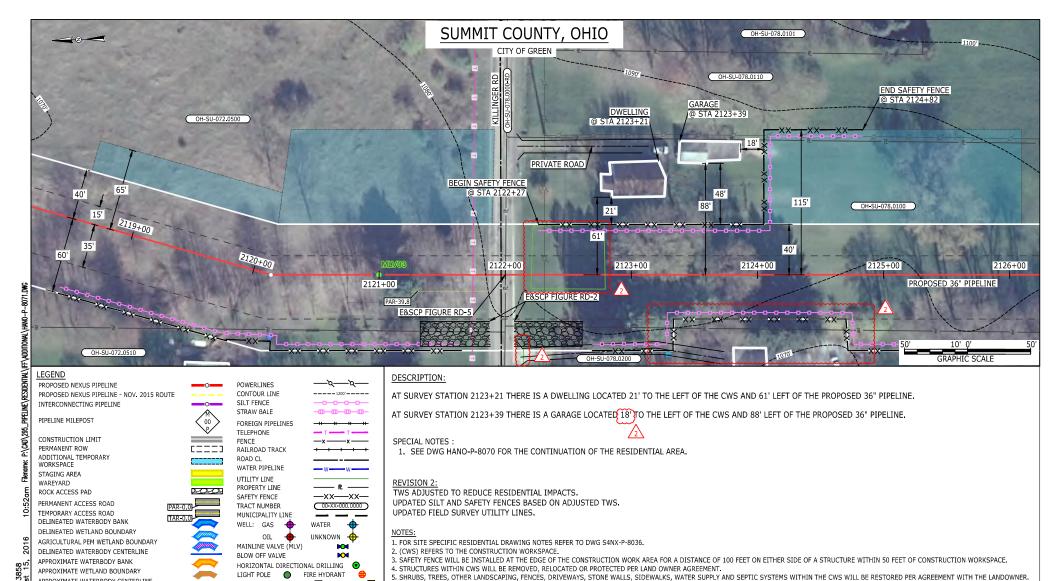
HORIZONTAL DIRECTIONAL DRILLING

0

- 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 REMOVED, RELOCATED OR PROTECTED PER LAND OWNER AGREEMENT.
- 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.
- 6. THE FINAL LOCATION OF EROSION CONTROL DEVICES (ECD's) WILL BE DETERMINED BY THE CONTRACTOR DURING CONSTRUCTION IN ACCORDANCE WITH THE E&SCP 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.

	2	ISSUED FOR FERC	04AUG16			TITLE: NEXUS GAS TRANSMISSION PROJECT		
	1A	ISSUED FOR FERC	15MAR16	PROJ. ENG. VP		RESIDENTIAL DRAWING		
	1	ISSUED FOR FERC	23FEB16	CHECKED BY: DOB		MP 40.12R TO MP 40.27R		
#	0	ISSUED FOR FERC	23FEB16	DRAWN BY: RSM		LOC.: SUMMIT COUNTY, OHIO REV.:2		
<u></u>	REV.#	DESCRIPTION	DATE	SCALE: AS SHOWN	DATE	YR.: 2017 W.O. DWG.NO. HANO-P-8070		





	2	ISSUED FOR FERC	04AUG16
	1A	ISSUED FOR FERC	15MAR16
	1	ISSUED FOR FERC	23FEB16
#:DI	0	ISSUED FOR FERC	23FEB16
	REV.#	DESCRIPTION	DATE

MICROWAVE TOWER

TANK

TOWER 🔀

APPROXIMATE WATERBODY CENTERLINE

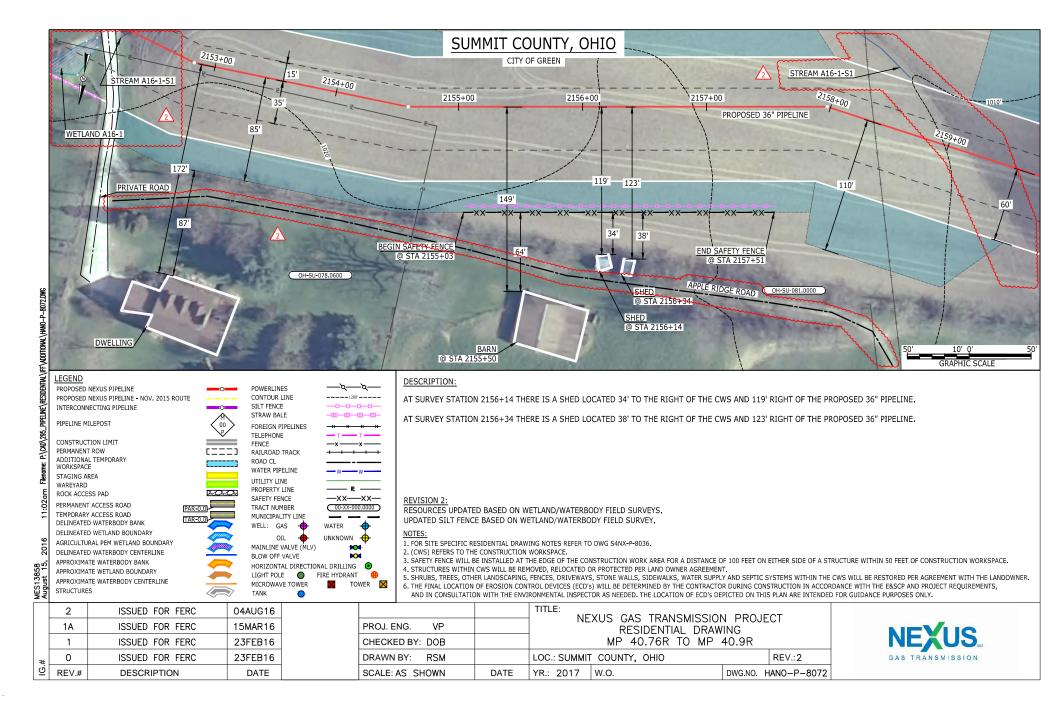
STRUCTURES

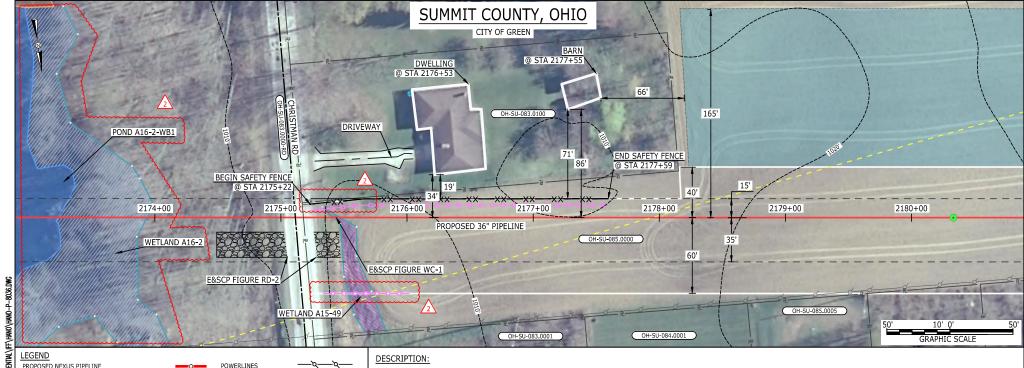
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6. THE FINAL LOCATION OF EROSION CONTROL DEVICES (ECD's) WILL BE DETERMINED BY THE CONTRACTOR DURING CONSTRUCTION IN ACCORDANCE WITH THE E&SCP AND PROJECT REQUIREMENTS,

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







PROPOSED NEXUS PIPELINE PROPOSED NEXUS PIPELINE - NOV. 2015 ROUTE

PIPELINE MILEPOST

INTERCONNECTING PIPELINE

CONSTRUCTION LIMIT PERMANENT ROW ADDITIONAL TEMPORARY WORKSPACE

STAGING AREA WAREYARD ROCK ACCESS PAD PERMANENT ACCESS ROAD

TEMPORARY ACCESS ROAD DELINEATED WATERBODY BANK DELINEATED WETLAND BOUNDARY AGRICULTURAL PEM WETLAND BOUNDARY DELINEATED WATERBODY CENTERLINE APPROXIMATE WATERBODY BANK APPROXIMATE WETLAND BOUNDARY

APPROXIMATE WATERBODY CENTERLINE

..... ... ...

STRUCTURES

POWERLINES CONTOUR LINE SILT FENCE STRAW BALE FOREIGN PIPELINES TELEPHONE FENCE RAILROAD TRACK ROAD CL WATER PIPELINE UTILITY LINE PROPERTY LINE SAFETY FENCE —xx—xx— TRACT NUMBER ( 00-XX-000.0000 ) MUNICIPALITY LINE WELL: GAS WATER OIL UNKNOWN + MAINLINE VALVE (MLV) BLOW OFF VALVE **M** HORIZONTAL DIRECTIONAL DRILLING LIGHT POLE FIRE HYDRANT MICROWAVE TOWER TOWER 🔀 TANK

AT SURVEY STATION 2176+53 THERE IS A DWELLING LOCATED 19' TO THE LEFT OF THE CWS AND 34' LEFT OF THE PROPOSED 36" PIPELINE.

# SPECIAL NOTE:

1. CHRISTMAN RD TO BE INSTALLED VIA HORIZONTAL DIRECTIONAL DRILLING.

# **REVISION 2:**

TWS ADJUSTED BASED ON UPDATED CIVIL FIELD SURVEY.

RESOURCES UPDATED BASED ON WETLAND/WATERBODY FIELD SURVEYS.

UPDATED SILT AND SAFETY FENCES BASED ON ADJUSTED TWS.

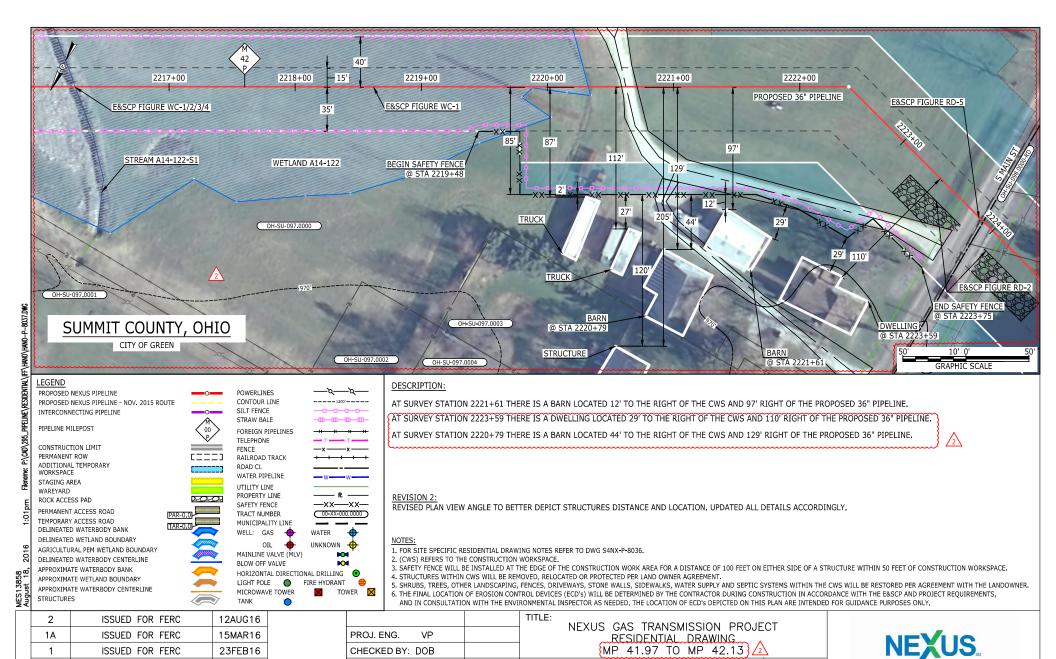
- 1. FOR SITE SPECIFIC RESIDENTIAL DRAWING NOTES REFER TO DWG S4NX-P-8036.
- 2. (CWS) REFERS TO THE CONSTRUCTION WORKSPACE.
- 3. SAFETY FENCE WILL BE INSTALLED AT THE EDGE OF THE CONSTRUCTION WORK AREA FOR A DISTANCE OF 100 FEET ON EITHER SIDE OF A STRUCTURE WITHIN 50 FEET OF CONSTRUCTION WORKSPACE.
- 4. STRUCTURES WITHIN CWS WILL BE REMOVED. RELOCATED OR PROTECTED PER LAND OWNER AGREEMENT.
- 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. 6. THE FINAL LOCATION OF EROSION CONTROL DEVICES (ECD's) WILL BE DETERMINED BY THE CONTRACTOR DURING CONSTRUCTION IN ACCORDANCE WITH THE E&SCP 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.

		2	ISSUED FOR FERC	04AUG16	İ
	1A	ISSUED FOR FERC	15MAR16	PROJ. ENG.	
		1	ISSUED FOR FERC	23FEB16	CHECKED BY:
	#	0	ISSUED FOR FERC FILING	220CT15	DRAWN BY:
	<u>Ö</u>	REV.#	DESCRIPTION	DATE	SCALE: AS SH

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		IIILE:	XUS GAS TRANSMISSION	J DDA II	-ct		
PROJ. ENG. VP		INC	RESIDENTIAL DRAW				
CHECKED BY: DOB		MP 41.15R TO MP 41.3R					
DRAWN BY: RSM		LOC.: SUMMIT	COUNTY, OHIO		REV.:2		
SCALE: AS SHOWN	DATE	YR.: 2017	W.O.	DWG.NO.	HANO-P-8036		





LOC .: SUMMIT COUNTY, OHIO

YR.: 2017

DATE

REV.:2

DWG.NO. HANO-P-8037

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REV.#

ISSUED FOR FERC FILING

DESCRIPTION

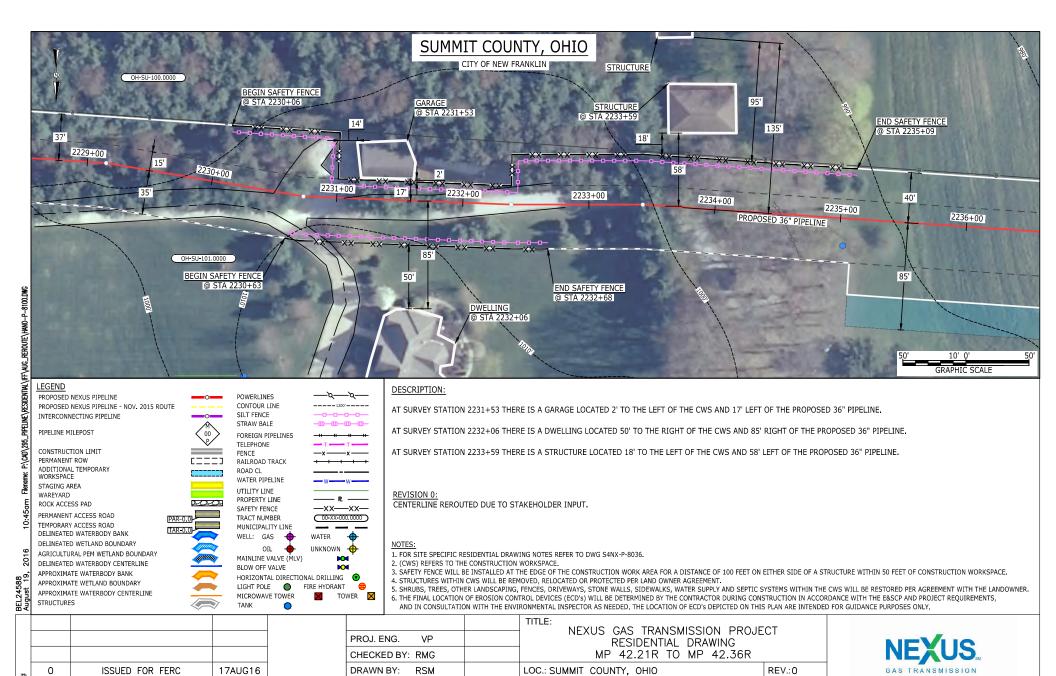
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DATE

DRAWN BY:

SCALE: AS SHOWN

RSM



YR.: 2017

DATE

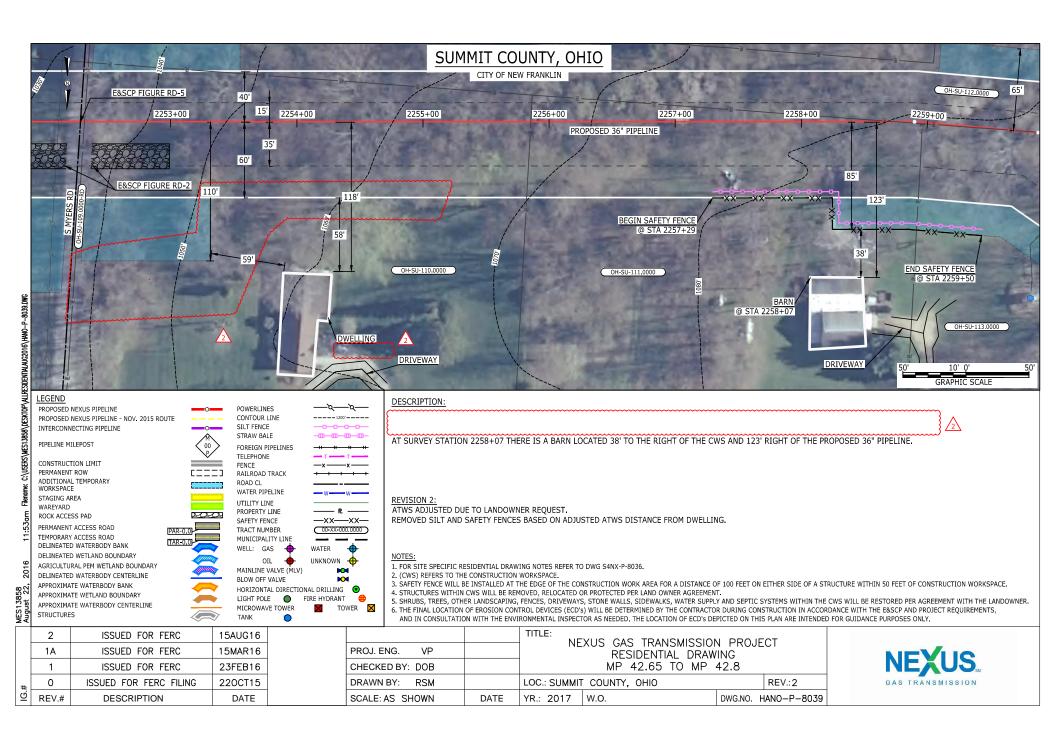
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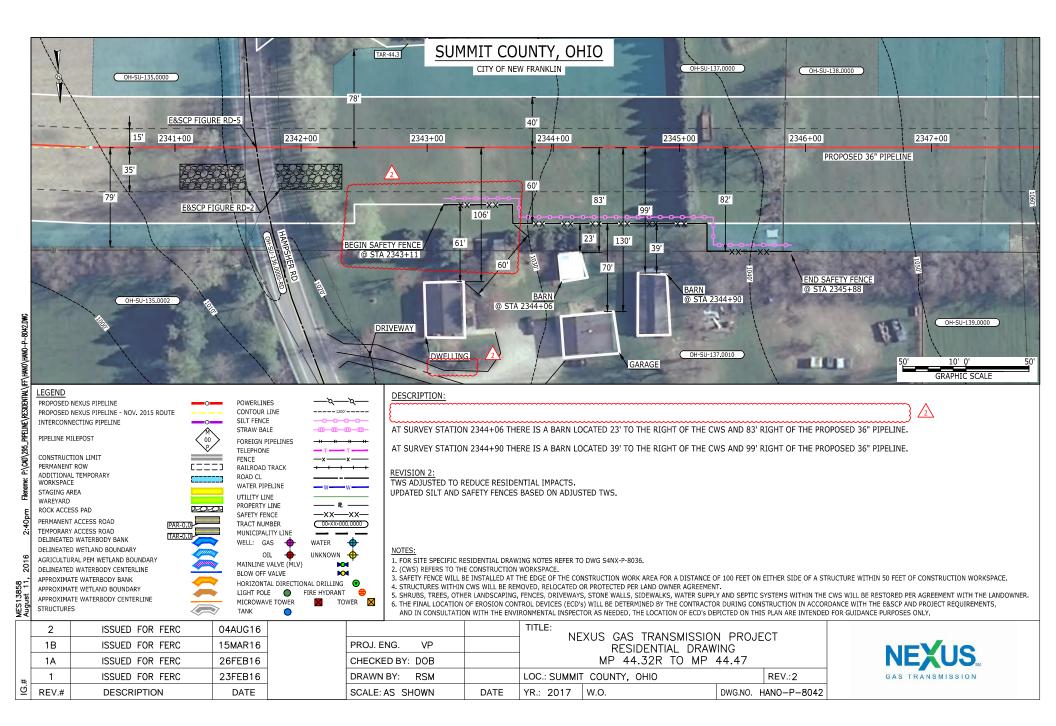
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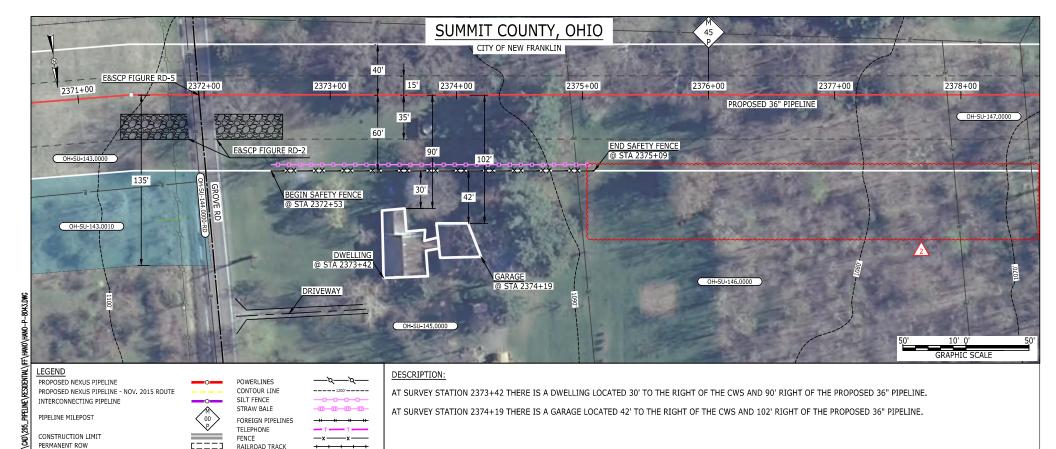
DESCRIPTION

DATE

SCALE: AS SHOWN







**REVISION 2:** 

ROAD CL

WATER PIPELINE

UTILITY LINE

PROPERTY LINE

SAFETY FENCE

TRACT NUMBER

WELL: GAS

BLOW OFF VALVE

LIGHT POLE

MICROWAVE TOWER

TANK

MUNICIPALITY LINE

OIL

MAINLINE VALVE (MLV)

ADDITIONAL TEMPORARY

PERMANENT ACCESS ROAD

TEMPORARY ACCESS ROAD

DELINEATED WATERBODY BANK

DELINEATED WETLAND BOUNDARY

APPROXIMATE WATERBODY BANK

APPROXIMATE WETLAND BOUNDARY

AGRICULTURAL PEM WETLAND BOUNDARY

DELINEATED WATERBODY CENTERLINE

APPROXIMATE WATERBODY CENTERLINE

WORKSPACE

WAREYARD

STRUCTURES

STAGING AREA

ROCK ACCESS PAD

ATWS REMOVED DUE TO UPDATED WETLAND FIELD SURVEY DATA.

# NOTES:

—xx—xx—

( 00-XX-000.0000 )

**M** 

TOWER 🔀

UNKNOWN +

WATER

FIRE HYDRANT

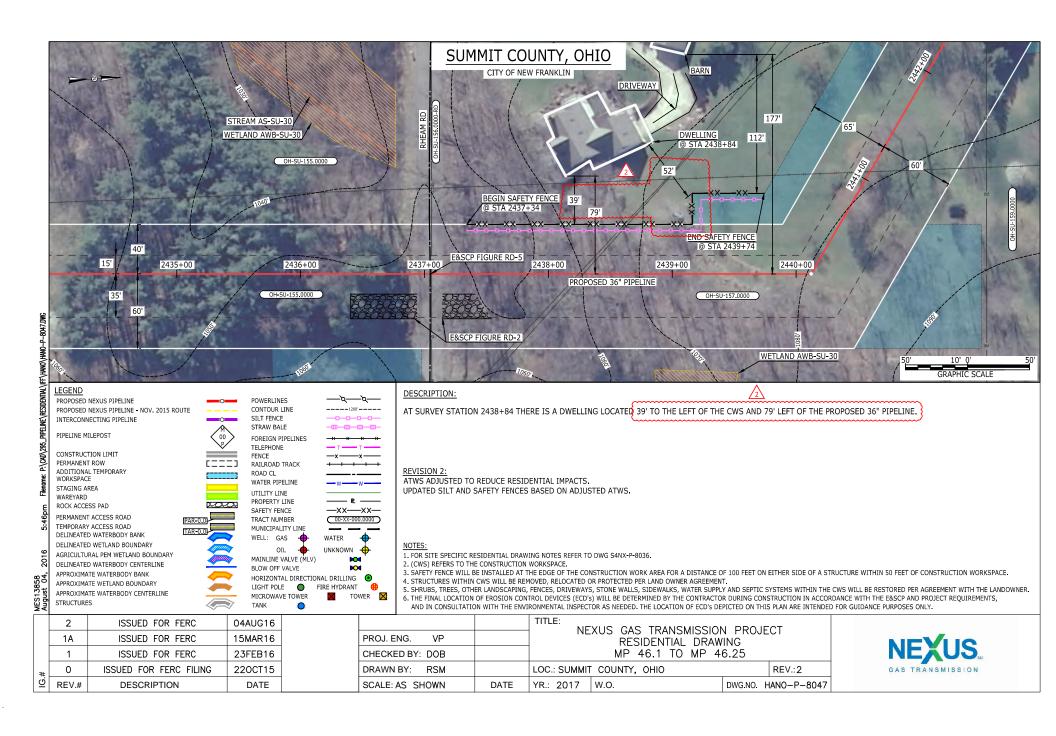
HORIZONTAL DIRECTIONAL DRILLING .

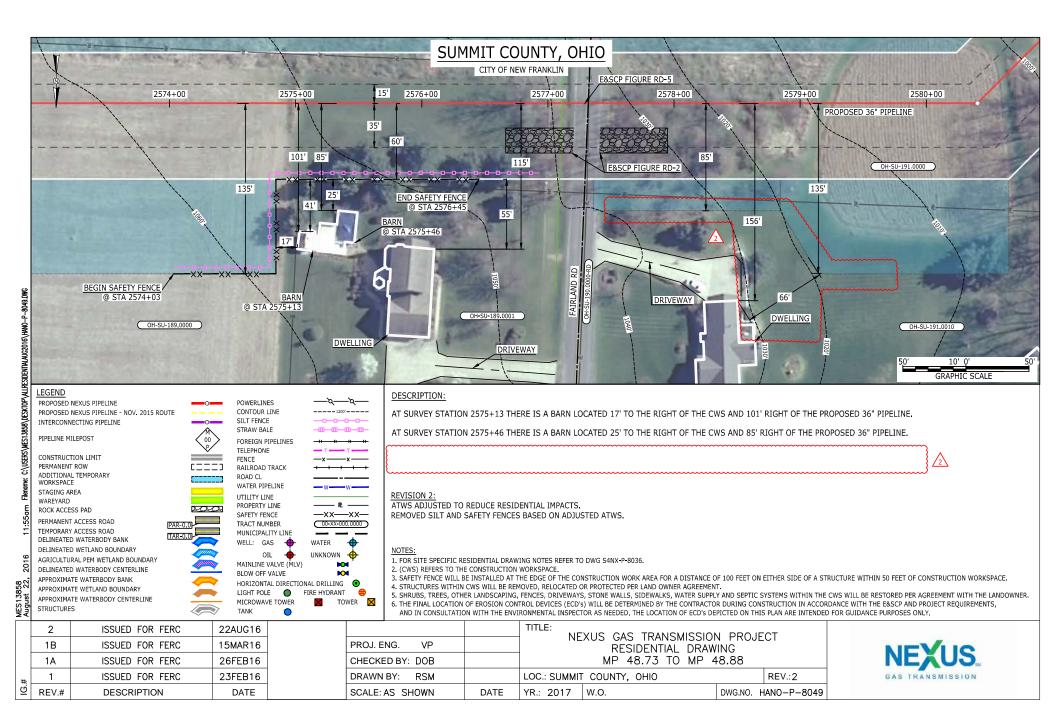
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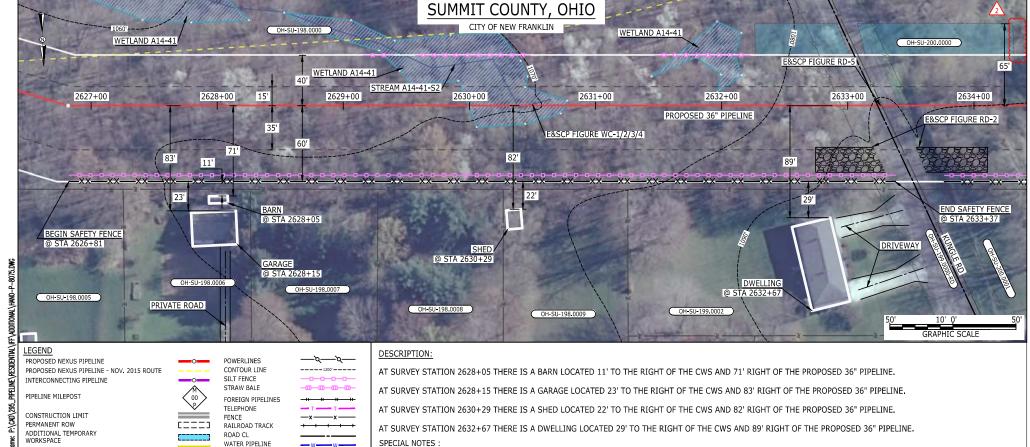
- 1. FOR SITE SPECIFIC RESIDENTIAL DRAWING NOTES REFER TO DWG S4NX-P-8036.
- 2. (CWS) REFERS TO THE CONSTRUCTION WORKSPACE.
- 3. SAFETY FENCE WILL BE INSTALLED AT THE EDGE OF THE CONSTRUCTION WORK AREA FOR A DISTANCE OF 100 FEET ON EITHER SIDE OF A STRUCTURE WITHIN 50 FEET OF CONSTRUCTION WORKSPACE. 4. STRUCTURES WITHIN CWS WILL BE REMOVED. RELOCATED OR PROTECTED PER LAND OWNER AGREEMENT.
- 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. 6. THE FINAL LOCATION OF EROSION CONTROL DEVICES (ECD's) WILL BE DETERMINED BY THE CONTRACTOR DURING CONSTRUCTION IN ACCORDANCE WITH THE E&SCP 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.

	2	ISSUED FOR FERC	04AUG16				TITLE:	XUS GAS TRANSMISSIO	N DDO	IECT
	1A	ISSUED FOR FERC	15MAR16	PROJ. ENG.	VP		RESIDENTIAL DRA			
	1	ISSUED FOR FERC	23FEB16	CHECKED BY:	DOB			MP 44.9 TO MP 4	5.05	
#	0	ISSUED FOR FERC FILING	220CT15	DRAWN BY:	RSM		LOC.: SUMMIT	COUNTY, OHIO		REV.:2
<u>6</u>	REV.#	DESCRIPTION	DATE	SCALE: AS SH	IOWN	DATE	YR.: 2017	W.O.	DWG.NO.	HANO-P-8043









SPECIAL NOTES:

1. SEE DWG HANO-P-8076 FOR THE CONTINUATION OF THE RESIDENTIAL AREA.

—xx—xx—

( 00-XX-000.0000 )

**M** 

TOWER 🔀

UNKNOWN +

WATER

FIRE HYDRANT

HORIZONTAL DIRECTIONAL DRILLING .

0

UTILITY LINE

PROPERTY LINE

SAFETY FENCE

WELL: GAS

BLOW OFF VALVE

LIGHT POLE

MICROWAVE TOWER

TANK

TRACT NUMBER

MUNICIPALITY LINE

OIL

MAINLINE VALVE (MLV)

STAGING AREA

ROCK ACCESS PAD

PERMANENT ACCESS ROAD

TEMPORARY ACCESS ROAD

DELINEATED WATERBODY BANK

DELINEATED WETLAND BOUNDARY

APPROXIMATE WATERBODY BANK

APPROXIMATE WETLAND BOUNDARY

AGRICULTURAL PEM WETLAND BOUNDARY

DELINEATED WATERBODY CENTERLINE

APPROXIMATE WATERBODY CENTERLINE

WAREYARD

STRUCTURES

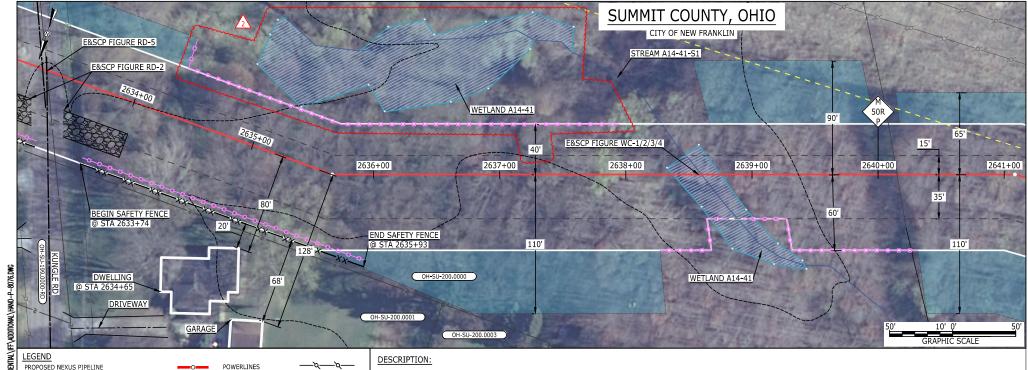
ATWS/TWS AND RESOURCES UPDATED BASED ON WETLAND/WATERBODY FIELD SURVEYS.

# NOTES:

- 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 REMOVED. RELOCATED OR PROTECTED PER LAND OWNER AGREEMENT.
- 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.
- 6. THE FINAL LOCATION OF EROSION CONTROL DEVICES (ECD's) WILL BE DETERMINED BY THE CONTRACTOR DURING CONSTRUCTION IN ACCORDANCE WITH THE E&SCP AND PROJECT REQUIREMENTS,
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	2	ISSUED FOR FERC	10AUG16					TITLE:	VIIC CAC TDANICMICCIO	N DDO I	TOT.
	1A	ISSUED FOR FERC	15MAR16	F	PROJ. ENG.	VP		NEXUS GAS TRANSMISSION PROJECT RESIDENTIAL DRAWING			
	1	ISSUED FOR FERC	23FEB16		CHECKED BY:	DOB			MP 49.74R TO MP 4	19.89R	
#	0	ISSUED FOR FERC	23FEB16		DRAWN BY:	RSM		LOC.: SUMMIT	COUNTY, OHIO		REV.:2
<u>6</u>	REV.#	DESCRIPTION	DATE	5	SCALE: AS SH	OWN	DATE	YR.: 2017	W.O.	DWG.NO.	HANO-P-8075





PROPOSED NEXUS PIPELINE
PROPOSED NEXUS PIPELINE - NOV. 2015 ROUTE
INTERCONNECTING PIPELINE

PIPELINE MILEPOST

CONSTRUCTION LIMIT PERMANENT ROW ADDITIONAL TEMPORARY WORKSPACE

WORKSPACE STAGING AREA WAREYARD ROCK ACCESS PAD

PERMANENT ACCESS ROAD
TEMPORARY ACCESS ROAD
DELINEATED WATERBODY BANK
DELINEATED WETLAND BOUNDARY
AGRICULTURAL PEM WETLAND BOUNDARY
DELINEATED WATERBODY CENTERLINE
APPROXIMATE WATERBODY BANK
APPROXIMATE WETLAND BOUNDARY

APPROXIMATE WATERBODY CENTERLINE

STRUCTURES

CONTOUR LINE SILT FENCE STRAW BALE FOREIGN PIPELINES TELEPHONE FENCE RAILROAD TRACK ROAD CL WATER PIPELINE UTILITY LINE PROPERTY LINE SAFETY FENCE —xx—xx— TRACT NUMBER ( 00-XX-000.0000 ) MUNICIPALITY LINE WELL: GAS WATER OIL UNKNOWN + MAINLINE VALVE (MLV) BLOW OFF VALVE **DO** HORIZONTAL DIRECTIONAL DRILLING . LIGHT POLE FIRE HYDRANT MICROWAVE TOWER TOWER 🔀

AT SURVEY STATION 2634+65 THERE IS A DWELLING BUILDING LOCATED 20' TO THE RIGHT OF THE CWS AND 80' RIGHT OF THE PROPOSED 36" PIPELINE.

# SPECIAL NOTES:

1. SEE DWG HANO-P-8075 FOR THE CONTINUATION OF THE RESIDENTIAL AREA.

### REVISION 2:

ATWS/TWS AND RESOURCES UPDATED BASED ON WETLAND/WATERBODY FIELD SURVEYS.

### NOTES:

- 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 REMOVED, RELOCATED OR PROTECTED PER LAND OWNER AGREEMENT.

YR.: 2017

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.
6. THE FINAL LOCATION OF EROSION CONTROL DEVICES (ECD's) WILL BE DETERMINED BY THE CONTRACTOR DURING CONSTRUCTION IN ACCORDANCE WITH THE E&SCP AND PROJECT REQUIREMENTS,

DWG.NO. HANO-P-8076

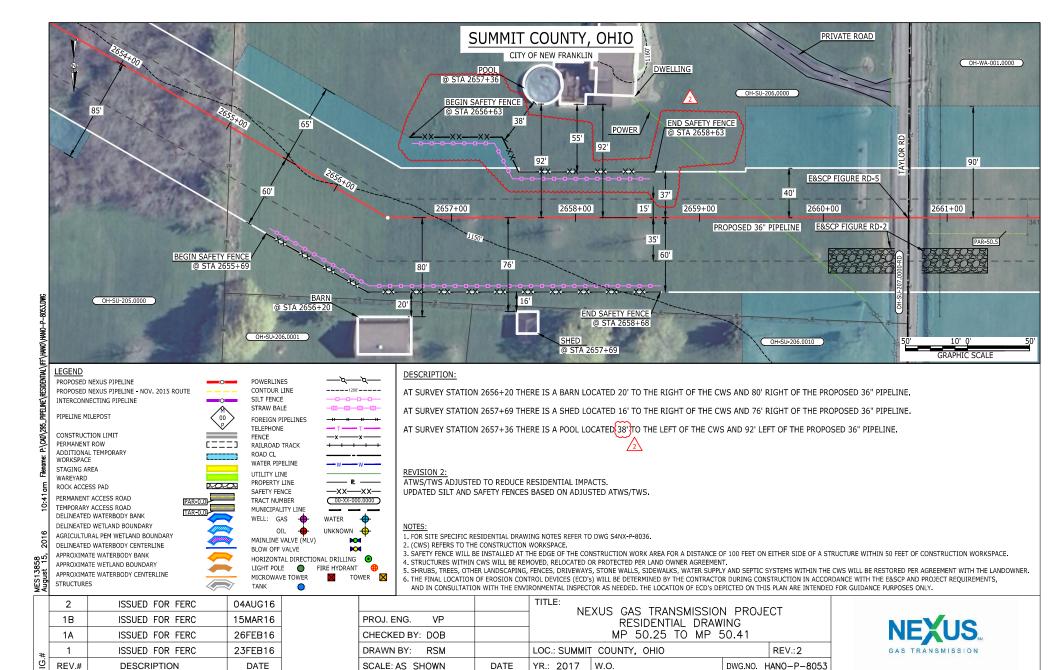
AND IN CONSULTATION WITH THE ENVIRONMENTAL INSPECTOR AS NEEDED. THE LOCATION OF ECD'S DEPICTED ON THIS PLAN ARE INTENDED FOR GUIDANCE PURPOSES ONLY.

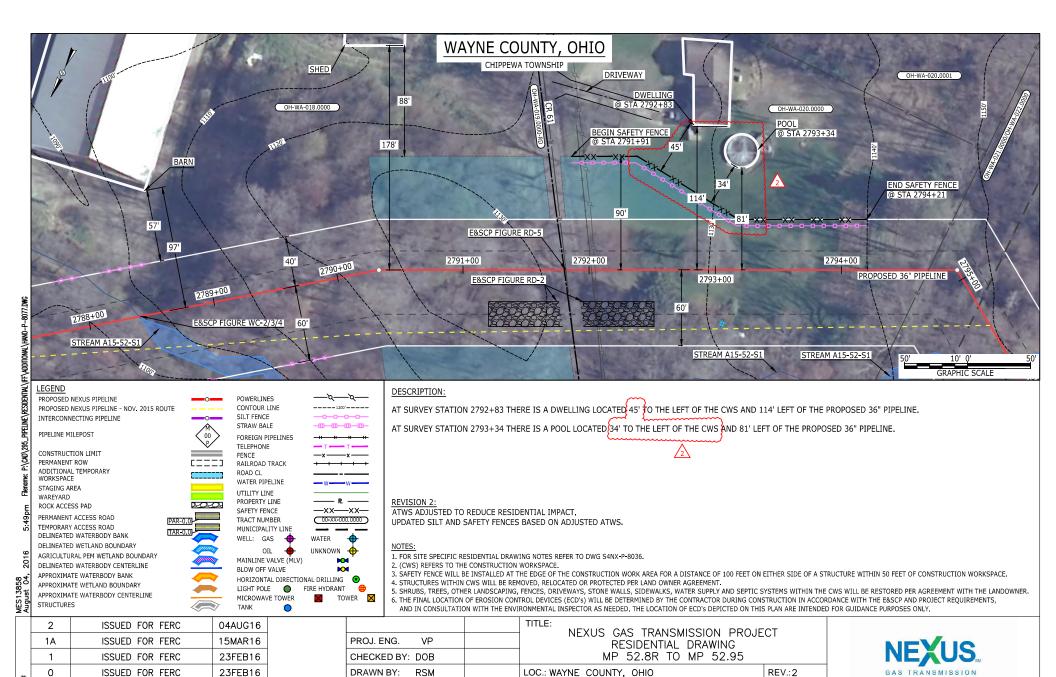
	2	ISSUED FOR FERC	04AUG16		
	1A	ISSUED FOR FERC	15MAR16	PROJ. ENG. VP	
	1	ISSUED FOR FERC	23FEB16	CHECKED BY: DOB	
#	0	ISSUED FOR FERC	23FEB16	DRAWN BY: RSM	
<u>6</u>	REV.#	DESCRIPTION	DATE	SCALE: AS SHOWN	DA

TANK

NEXUS GAS TRANSMISSION PROJECT	CT
RESIDENTIAL DRAWING MP 49.87R TO MP 50.02R	
LOC.: SUMMIT COUNTY, OHIO	REV.:2







YR.: 2017

DATE

W.O.

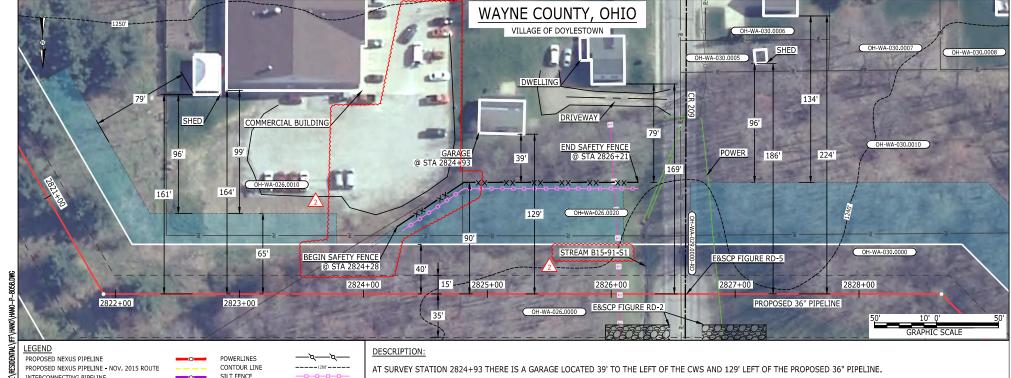
DWG.NO. HANO-P-8077

REV.#

**DESCRIPTION** 

DATE

SCALE: AS SHOWN



INTERCONNECTING PIPELINE

PIPELINE MILEPOST

CONSTRUCTION LIMIT PERMANENT ROW ADDITIONAL TEMPORARY WORKSPACE STAGING AREA WAREYARD

ROCK ACCESS PAD PERMANENT ACCESS ROAD TEMPORARY ACCESS ROAD DELINEATED WATERBODY BANK DELINEATED WETLAND BOUNDARY AGRICULTURAL PEM WETLAND BOUNDARY DELINEATED WATERBODY CENTERLINE APPROXIMATE WATERBODY BANK

APPROXIMATE WETLAND BOUNDARY

STRUCTURES

APPROXIMATE WATERBODY CENTERLINE

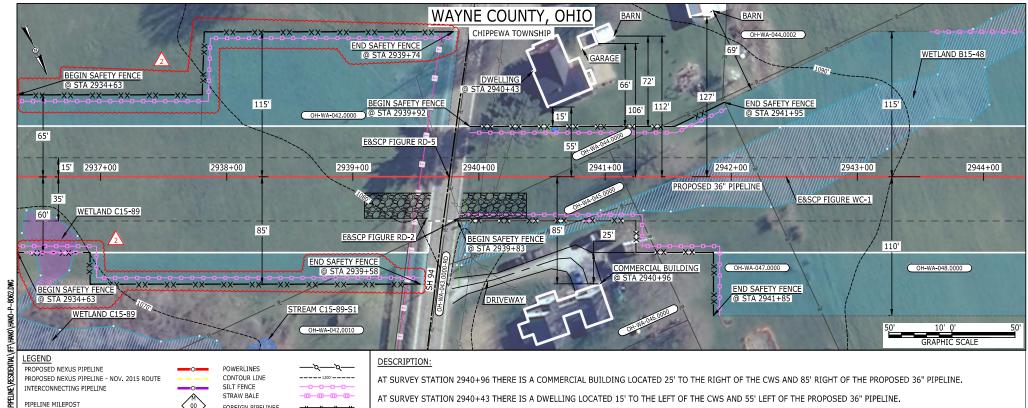
STLT FENCE -0-0-0-0-STRAW BALE FOREIGN PIPELINES TELEPHONE FENCE RATI ROAD TRACK ROAD CL WATER PIPELINE UTILITY LINE PROPERTY LINE SAFETY FENCE —xx—xx— TRACT NUMBER ( 00-XX-000.0000 ) MUNICIPALITY LINE WELL: GAS WATER OIL UNKNOWN MAINLINE VALVE (MLV) BLOW OFF VALVE HORIZONTAL DIRECTIONAL DRILLING LIGHT POLE FIRE HYDRANT TOWER 🔀 MICROWAVE TOWER TANK

ATWS ADJUSTED BASED ON TAR REMOVAL TO AVOID IMPACTS TO EXISTING PARKING LOT. UPDATED SILT AND SAFETY FENCES BASED ON ADJUSTED ATWS.

- 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 REMOVED, RELOCATED OR PROTECTED PER LAND OWNER AGREEMENT.
- 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. 6. THE FINAL LOCATION OF EROSION CONTROL DEVICES (ECD's) WILL BE DETERMINED BY THE CONTRACTOR DURING CONSTRUCTION IN ACCORDANCE WITH THE ESSCP 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.

	2	ISSUED FOR FERC	04AUG16				TITLE:	THE CAS TRANSMISSION		-CT
	1A	ISSUED FOR FERC	15MAR16	PROJ. EN	G. VP		INE	NEXUS GAS TRANSMISSION PROJECT RESIDENTIAL DRAWING MP 53.42 TO MP 53.58		
	1	ISSUED FOR FERC	23FEB16	CHECKE	BY: DOB					
	0	ISSUED FOR FERC FILING	210CT15	DRAWN E	Y: RSM		LOC.: WAYNE	COUNTY, OHIO		REV.:2
9	REV.#	DESCRIPTION	DATE	SCALE: A	S SHOWN	DATE	YR.: 2017	W.O.	DWG.NO.	HANO-P-8058





AT SURVEY STATION 2940+43 THERE IS A DWELLING LOCATED 15' TO THE LEFT OF THE CWS AND 55' LEFT OF THE PROPOSED 36" PIPELINE.

# SPECIAL NOTE:

1, SEE DWG HANO-P-8900 FOR ORGANIC FARM CROSSING DRAWING,

# **REVISION 2:**

FOREIGN PIPELINES TELEPHONE

RAILROAD TRACK

WATER PIPELINE

UTILITY LINE

PROPERTY LINE

SAFETY FENCE

TRACT NUMBER

WELL: GAS

BLOW OFF VALVE

LIGHT POLE

MICROWAVE TOWER

TANK

MUNICIPALITY LINE

OIL

MAINLINE VALVE (MLV)

FENCE

ROAD CL

UPDATED TO REFERENCE ORGANIC FARM CROSSING ON OH-WA-042,0000.

SILT FENCE ADDED FOR EROSION CONTROL MEASURE. SAFETY FENCE UPDATED FOR PROTECTION OF ORGANIC FARM.

—xx—xx—

( 00-XX-000.0000 )

DOM:

TOWER 🔀

UNKNOWN +

WATER

FIRE HYDRANT

HORIZONTAL DIRECTIONAL DRILLING

- 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 REMOVED, RELOCATED OR PROTECTED PER LAND OWNER AGREEMENT.
- 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. 6. THE FINAL LOCATION OF EROSION CONTROL DEVICES (ECD's) WILL BE DETERMINED BY THE CONTRACTOR DURING CONSTRUCTION IN ACCORDANCE WITH THE E&SCP 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.

	2	ISSUED FOR FERC	12AUG16
	1A	ISSUED FOR FERC	15MAR16
#	1	23FEB16	
	0	ISSUED FOR FERC FILING	210CT15
#:9I	REV.#	DESCRIPTION	DATE

CONSTRUCTION LIMIT

ADDITIONAL TEMPORARY

PERMANENT ACCESS ROAD

TEMPORARY ACCESS ROAD

DELINEATED WATERBODY BANK

DELINEATED WETLAND BOUNDARY

APPROXIMATE WATERBODY BANK

APPROXIMATE WETLAND BOUNDARY

APPROXIMATE WATERBODY CENTERLINE

AGRICULTURAL PEM WETLAND BOUNDARY

DELINEATED WATERBODY CENTERLINE

PERMANENT ROW

WORKSPACE

WAREYARD

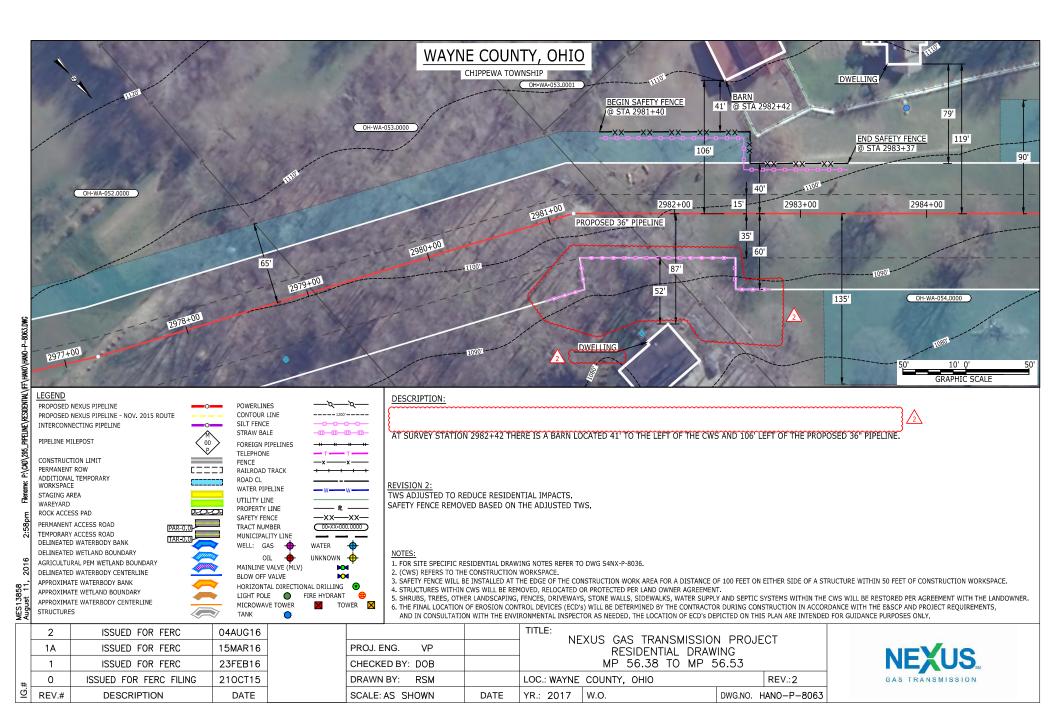
STRUCTURES

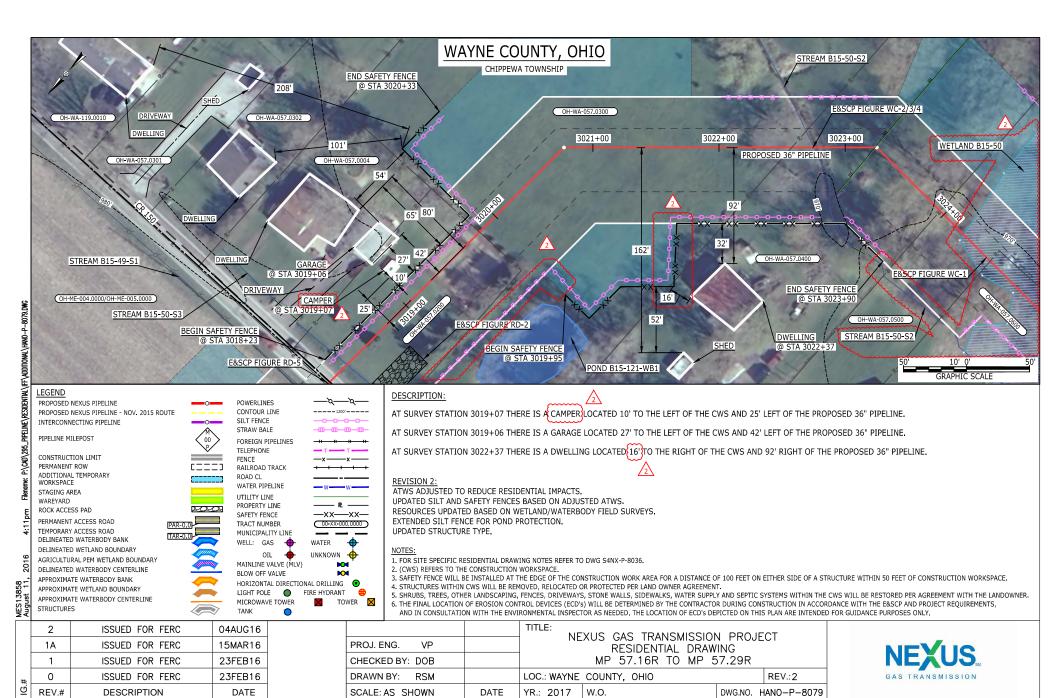
STAGING AREA

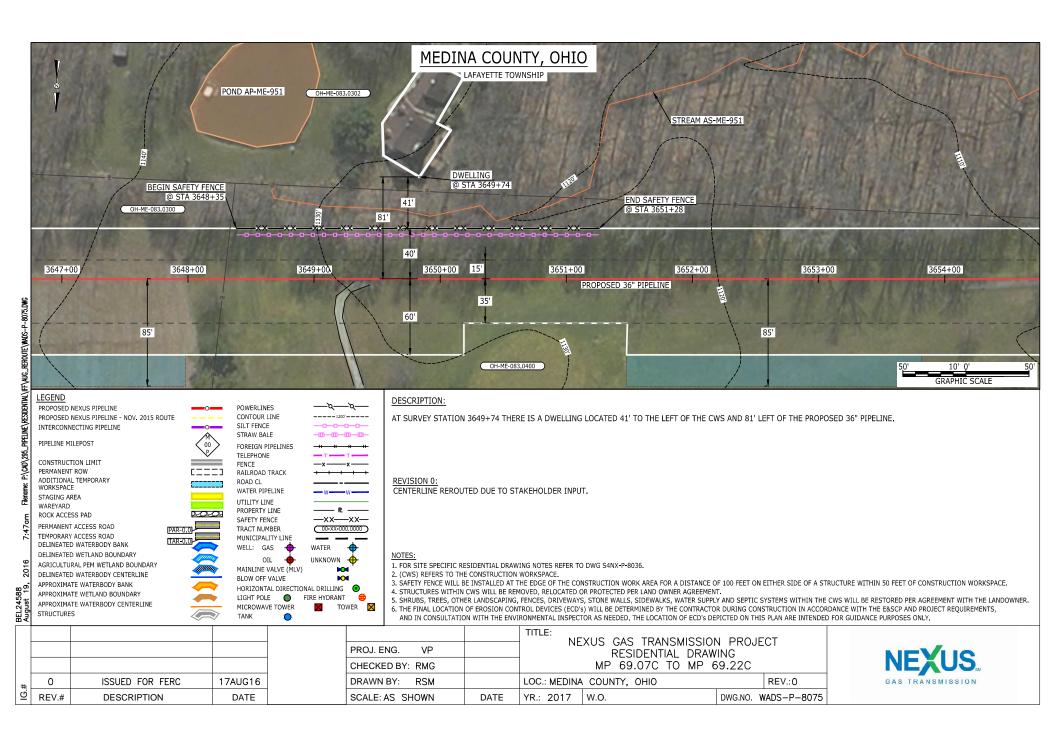
ROCK ACCESS PAD

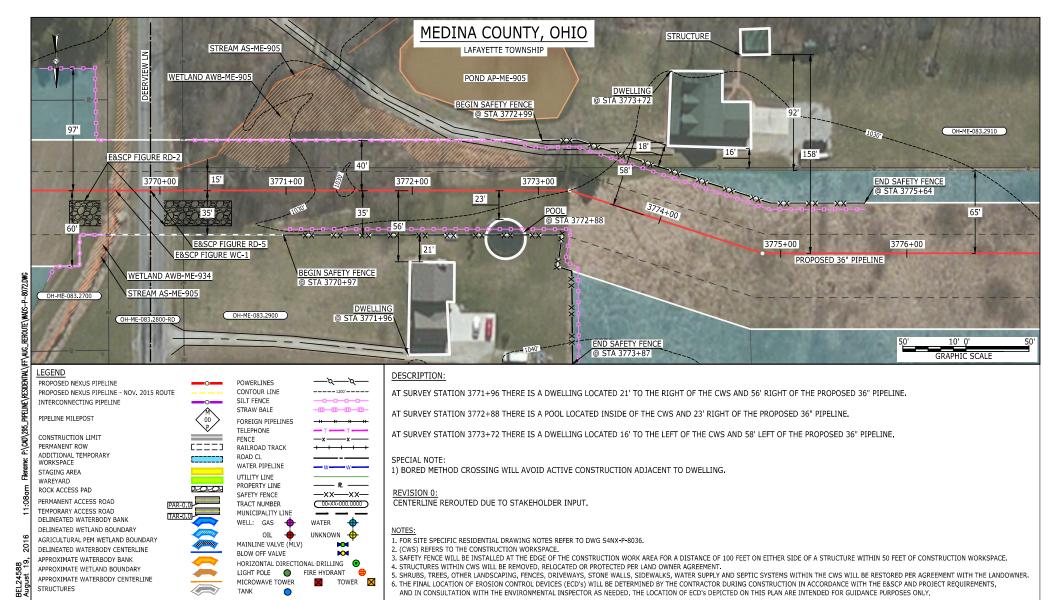
		TITLE: 	FCT
PROJ. ENG. VP		RESIDENTIAL DRAWING	
CHECKED BY: DOB		MP 55.61 TO MP 55.76	
DRAWN BY: RSM		LOC.: WAYNE COUNTY, OHIO	REV.:2
SCALE: AS SHOWN	DATE	YR.: 2017 W.O. DWG.NO.	HANO-P-8062





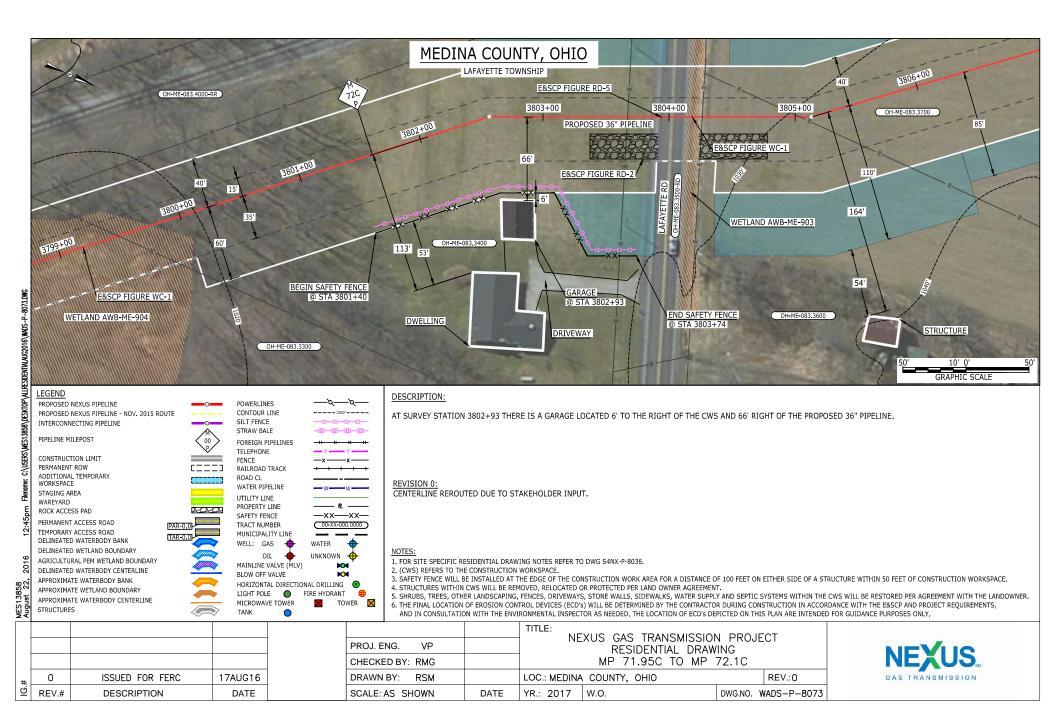


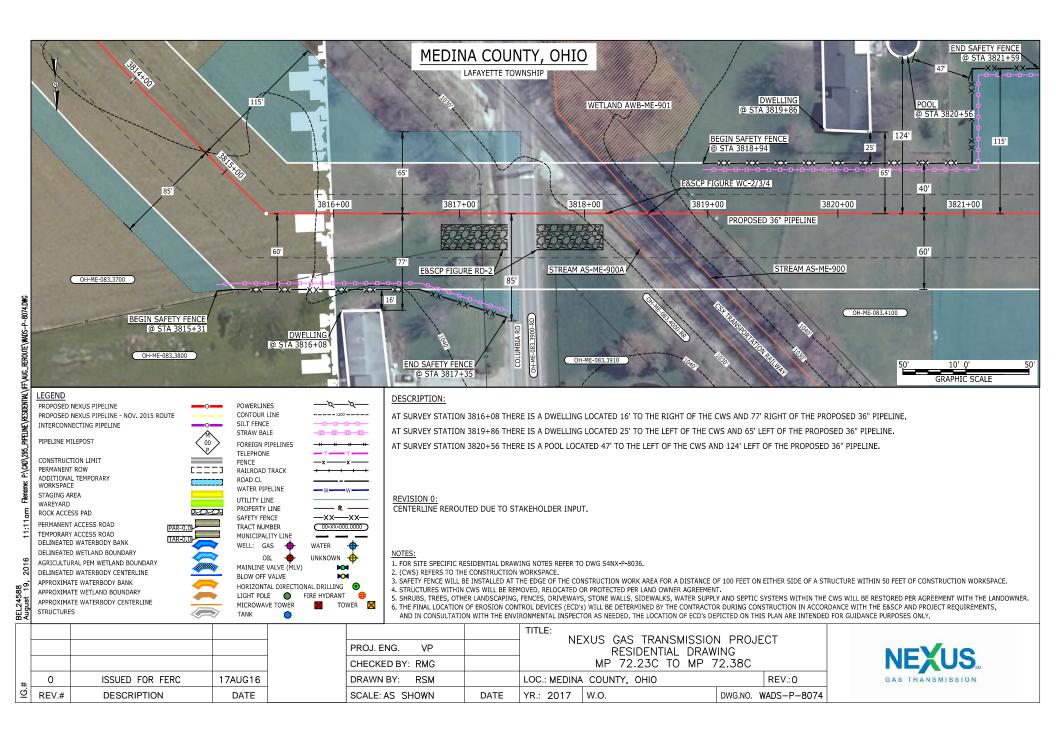


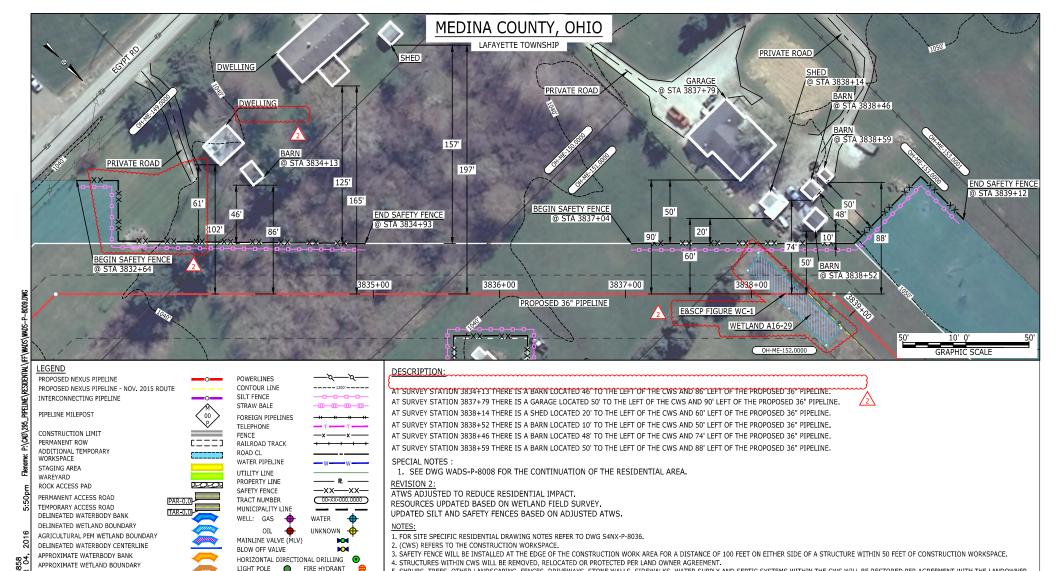


						TITLE:	XUS GAS TRANSMISSION PR	O IECT
				PROJ. ENG. VP		INC.	RESIDENTIAL DRAWING	JUECI
				CHECKED BY: RMG	;		MP 71.38C TO MP 71.53	0
#	0	ISSUED FOR FERC	17AUG16	DRAWN BY: RSM	1	LOC.: MEDINA	COUNTY, OHIO	REV.:0
<u>छ</u>	REV.#	DESCRIPTION	DATE	SCALE: AS SHOWN	DATE	YR.: 2017	W.O. DWG.N	O. WADS-P-8072









	2	ISSUED FOR FERC	04AUG16	
	1A	ISSUED FOR FERC	15MAR16	
	1	ISSUED FOR FERC	23FEB16	
#	0	ISSUED FOR FERC FILING	210CT15	
#.DI	REV.#	DESCRIPTION	DATE	

MICROWAVE TOWER

TANK

TOWER 🔀

APPROXIMATE WATERBODY CENTERLINE

STRUCTURES

TITLE: NEXUS GAS TRANSMISSION PROJECT PROJ. ENG. VΡ RESIDENTIAL DRAWING MP 72.58 TO MP 72.71R CHECKED BY: DOB DRAWN BY: RSM LOC .: MEDINA COUNTY, OHIO REV.:2 YR.: 2017 DWG.NO. WADS-P-8009 SCALE: AS SHOWN DATE

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.

6. THE FINAL LOCATION OF EROSION CONTROL DEVICES (ECD's) WILL BE DETERMINED BY THE CONTRACTOR DURING CONSTRUCTION IN ACCORDANCE WITH THE E&SCP 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.





PROPOSED NEXUS PIPELINE - NOV. 2015 ROUTE INTERCONNECTING PIPELINE

PIPELINE MILEPOST

CONSTRUCTION LIMIT PERMANENT ROW ADDITIONAL TEMPORARY STAGING AREA

WAREYARD ROCK ACCESS PAD PERMANENT ACCESS ROAD TEMPORARY ACCESS ROAD

DELINEATED WATERBODY BANK DELINEATED WETLAND BOUNDARY AGRICULTURAL PEM WETLAND BOUNDARY DELINEATED WATERBODY CENTERLINE APPROXIMATE WATERBODY BANK APPROXIMATE WETLAND BOUNDARY

APPROXIMATE WATERBODY CENTERLINE

STRUCTURES

CONTOUR LINE SILT FENCE STRAW BALE

FOREIGN PIPELINES TELEPHONE FENCE RAILROAD TRACK ROAD CL WATER PIPELINE UTILITY LINE PROPERTY LINE SAFETY FENCE TRACT NUMBER MUNICIPALITY LINE

TANK

WELL: GAS WATER OIL

UNKNOWN MAINLINE VALVE (MLV) BLOW OFF VALVE HORIZONTAL DIRECTIONAL DRILLING . LIGHT POLE FIRE HYDRANT MICROWAVE TOWER TOWER 🔀

-xx---xx-( 00-XX-000.0000 )

AT SURVEY STATION 3832+86 THERE IS A BARN LOCATED 18' TO THE RIGHT OF THE CWS AND 78' RIGHT OF THE PROPOSED 36" PIPELINE,

AT SURVEY STATION 3833+30 THERE IS A GARAGE LOCATED 10' TO THE RIGHT OF THE CWS AND 70' RIGHT OF THE PROPOSED 36" PIPELINE.

AT SURVEY STATION 3835+93 THERE IS A BARN LOCATED 8' TO THE RIGHT OF THE CWS AND 43' RIGHT OF THE PROPOSED 36" PIPELINE,

## SPECIAL NOTES:

1. SEE DWG WADS-P-8009 FOR THE CONTINUATION OF THE RESIDENTIAL AREA.

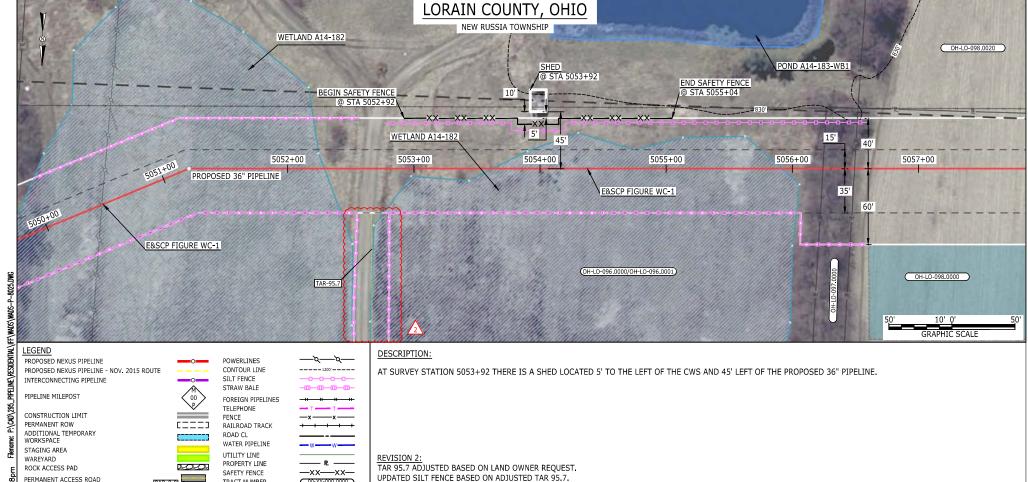
ATWS ADJUSTED TO REDUCE RESIDENTIAL IMPACT. RESOURCES UPDATED BASED ON WETLAND FIELD SURVEYS. UPDATED SILT AND SAFETY FENCES BASED ON ADJUSTED ATWS.

- 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 REMOVED. RELOCATED OR PROTECTED PER LAND OWNER AGREEMENT.
- 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.
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	2	ISSUED FOR FERC	04AUG16
	1A	ISSUED FOR FERC	15MAR16
	1	ISSUED FOR FERC	23FEB16
#	0	ISSUED FOR FERC FILING	210CT15
#:9I	REV.#	DESCRIPTION	DATE

		IIILE:	IS CAS TRANSMISSION	J DDO I	FCT			
PROJ. ENG. VP		NEXUS GAS TRANSMISSION PROJECT RESIDENTIAL DRAWING						
CHECKED BY: DOB		MP 72.76 TO MP 72.92R						
DRAWN BY: RSM		LOC.: MEDINA COUNTY, OHIO REV.: 2						
SCALE: AS SHOWN	DATE	YR.: 2017 W	/.O.	DWG.NO.	WADS-P-8008			





( 00-XX-000.0000 )

**DO** 

TOWER 🔀

UNKNOWN +

WATER

FIRE HYDRANT

HORIZONTAL DIRECTIONAL DRILLING .

0

TRACT NUMBER

WELL: GAS

BLOW OFF VALVE

LIGHT POLE

MICROWAVE TOWER

TANK

MUNICIPALITY LINE

OIL

MAINLINE VALVE (MLV)

TEMPORARY ACCESS ROAD

DELINEATED WATERBODY BANK

DELINEATED WETLAND BOUNDARY

APPROXIMATE WATERBODY BANK

STRUCTURES

APPROXIMATE WETLAND BOUNDARY

APPROXIMATE WATERBODY CENTERLINE

AGRICULTURAL PEM WETLAND BOUNDARY

DELINEATED WATERBODY CENTERLINE

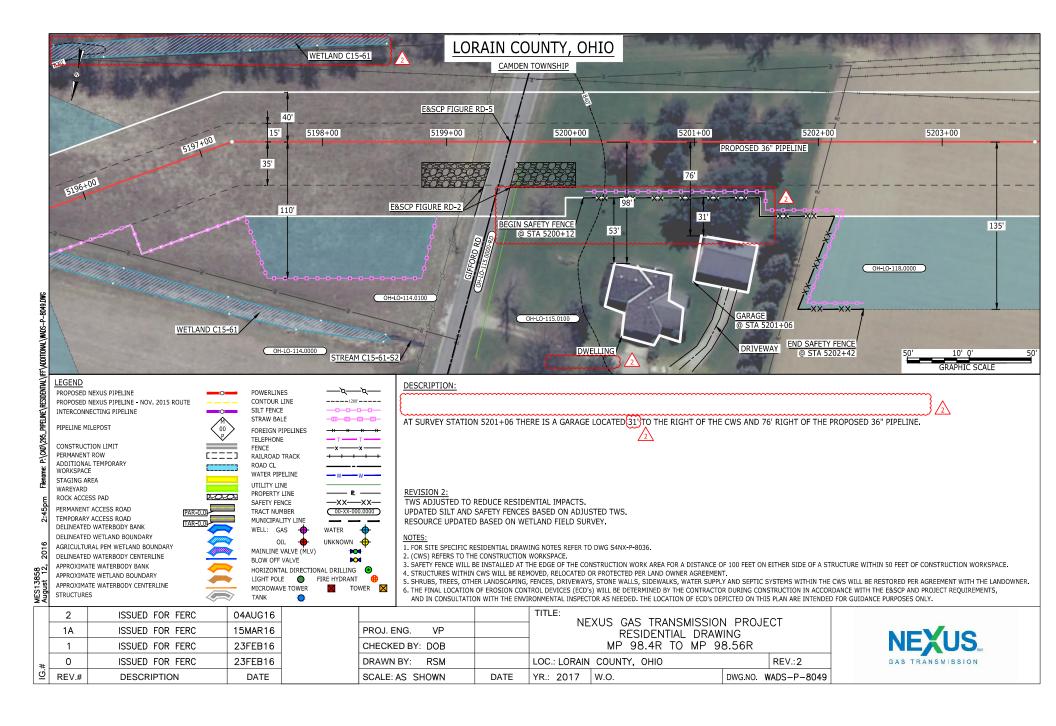
UPDATED SILT FENCE BASED ON ADJUSTED TAR 95.7.

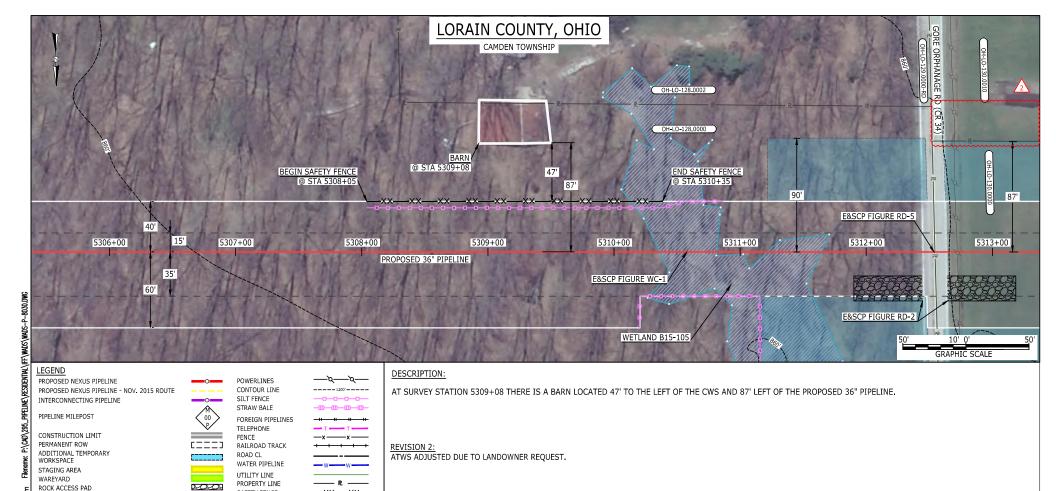
## NOTES:

- 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 REMOVED. RELOCATED OR PROTECTED PER LAND OWNER AGREEMENT.
- 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. 6. THE FINAL LOCATION OF EROSION CONTROL DEVICES (ECD's) WILL BE DETERMINED BY THE CONTRACTOR DURING CONSTRUCTION IN ACCORDANCE WITH THE E&SCP 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.

	2	ISSUED FOR FERC	22AUG16				TITLE:	XUS GAS TRANSMISSIOI	N DDO I	FOT
	1A	ISSUED FOR FERC	15MAR16	PROJ. ENG.	VP		INE	RESIDENTIAL DRAW		ECI
	1	ISSUED FOR FERC	23FEB16	CHECKED BY:	DOB			MP 95.64 TO MP 9	95.79	
#	0	ISSUED FOR FERC FILING	06NOV15	DRAWN BY:	RSM		LOC.: LORAIN	COUNTY, OHIO		REV.:2
<u>0</u>	REV.#	DESCRIPTION	DATE	SCALE: AS SH	NWOH	DATE	YR.: 2017	W.O.	DWG.NO.	WADS-P-8025







### NOTES:

—xx—xx—

( 00-XX-000.0000 )

**KX** 

TOWER 🔀

unknown +

WATER

FIRE HYDRANT

HORIZONTAL DIRECTIONAL DRILLING .

- 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 REMOVED. RELOCATED OR PROTECTED PER LAND OWNER AGREEMENT.
- 4. STRUCTURES WITHIN CWS WILL BE REMOVED, RELOCATED OR PROTECTED PER LAND OWNER AGREEMENT.
  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.
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AND IN CONSULTATION WITH THE ENVIRONMENTAL INSPECTOR AS NEEDED. THE LOCATION OF ECD'S DEPICTED ON THIS PLAN ARE INTENDED FOR GUIDANCE PURPOSES ONLY.

	2	ISSUED FOR FERC	04AUG16	
	1A	ISSUED FOR FERC	15MAR16	PROJ. ENG.
	1	ISSUED FOR FERC	23FEB16	CHECKED BY
#	0	ISSUED FOR FERC FILING	210CT15	DRAWN BY:
IG.;	REV.#	DESCRIPTION	DATE	SCALE: AS S

PERMANENT ACCESS ROAD

TEMPORARY ACCESS ROAD

DELINEATED WATERBODY BANK

DELINEATED WETLAND BOUNDARY

APPROXIMATE WATERBODY BANK

STRUCTURES

APPROXIMATE WETLAND BOUNDARY

AGRICULTURAL PEM WETLAND BOUNDARY

DELINEATED WATERBODY CENTERLINE

APPROXIMATE WATERBODY CENTERLINE

SAFETY FENCE

TRACT NUMBER

WELL: GAS

BLOW OFF VALVE

LIGHT POLE

MICROWAVE TOWER

TANK

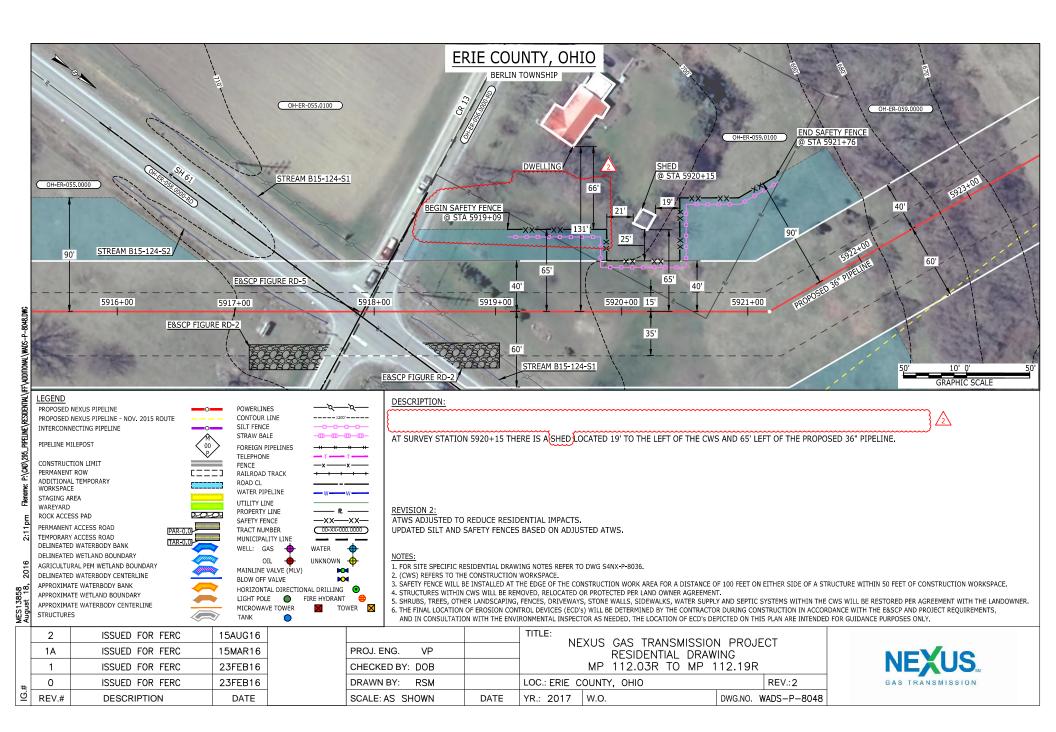
MUNICIPALITY LINE

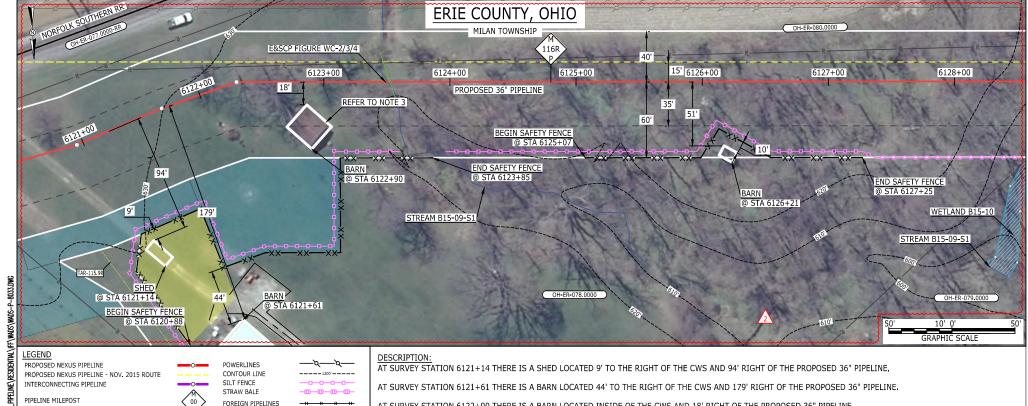
OIL

MAINLINE VALVE (MLV)

		NEXUS GAS TRANSMISSION PROJECT
PROJ. ENG. VP		RESIDENTIAL DRAWING
CHECKED BY: DOB		MP 100.48 TO MP 100.63
DRAWN BY: RSM		LOC.: LORAIN COUNTY, OHIO REV.:2
SCALE: AS SHOWN	DATE	YR.: 2017 W.O. DWG.NO. WADS-P-8030







AT SURVEY STATION 6122+90 THERE IS A BARN LOCATED INSIDE OF THE CWS AND 18' RIGHT OF THE PROPOSED 36" PIPELINE.

AT SURVEY STATION 6126+21 THERE IS A BARN LOCATED INSIDE OF THE CWS AND 51' RIGHT OF THE PROPOSED 36" PIPELINE.

# **REVISION 2:**

ALIGNED GIS FEATURES AND UPDATED AERIAL IMAGERY.

—xx—xx—

( 00-XX-000.0000 )

**M** 

TOWER 🔀

UNKNOWN 4

WATER

FIRE HYDRANT

HORIZONTAL DIRECTIONAL DRILLING .

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

TITLE:

YR.: 2017

W.O.

2. (CWS) REFERS TO THE CONSTRUCTION WORKSPACE.

DATE

- 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 REMOVED, RELOCATED OR PROTECTED PER LAND OWNER AGREEMENT.
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DWG.NO. WADS-P-8033

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

	1330LD TOK TEKC	0470010		NEXUS GAS TRANSMISSION PROJECT
1B	ISSUED FOR FERC	15MAR16	PROJ. ENG. VP	RESIDENTIAL DRAWING
1A	ISSUED FOR FERC	03MAR16	CHECKED BY: DOB	MP 115.92R TO MP 116.07R
1	ISSUED FOR FERC	23FFB16	DRAWN BY: RSM	LOC.: FRIF COUNTY OHIO REV.:2

SCALE: AS SHOWN



	2	ISSUED FOR FERC	04AUG16
	1B	ISSUED FOR FERC	15MAR16
	1A	ISSUED FOR FERC	03MAR16
#	1	ISSUED FOR FERC	23FEB16
#. 9	REV.#	DESCRIPTION	DATE

CONSTRUCTION LIMIT

ADDITIONAL TEMPORARY

PERMANENT ACCESS ROAD

TEMPORARY ACCESS ROAD

DELINEATED WATERBODY BANK

DELINEATED WETLAND BOUNDARY

APPROXIMATE WATERBODY BANK

APPROXIMATE WETLAND BOUNDARY

APPROXIMATE WATERBODY CENTERLINE

AGRICULTURAL PEM WETLAND BOUNDARY

DELINEATED WATERBODY CENTERLINE

PERMANENT ROW

WORKSPACE

WAREYARD

STRUCTURES

STAGING AREA

ROCK ACCESS PAD

TELEPHONE

RAILROAD TRACK

WATER PIPELINE

UTILITY LINE

PROPERTY LINE

SAFETY FENCE

TRACT NUMBER

WELL: GAS

BLOW OFF VALVE

LIGHT POLE

MICROWAVE TOWER

TANK

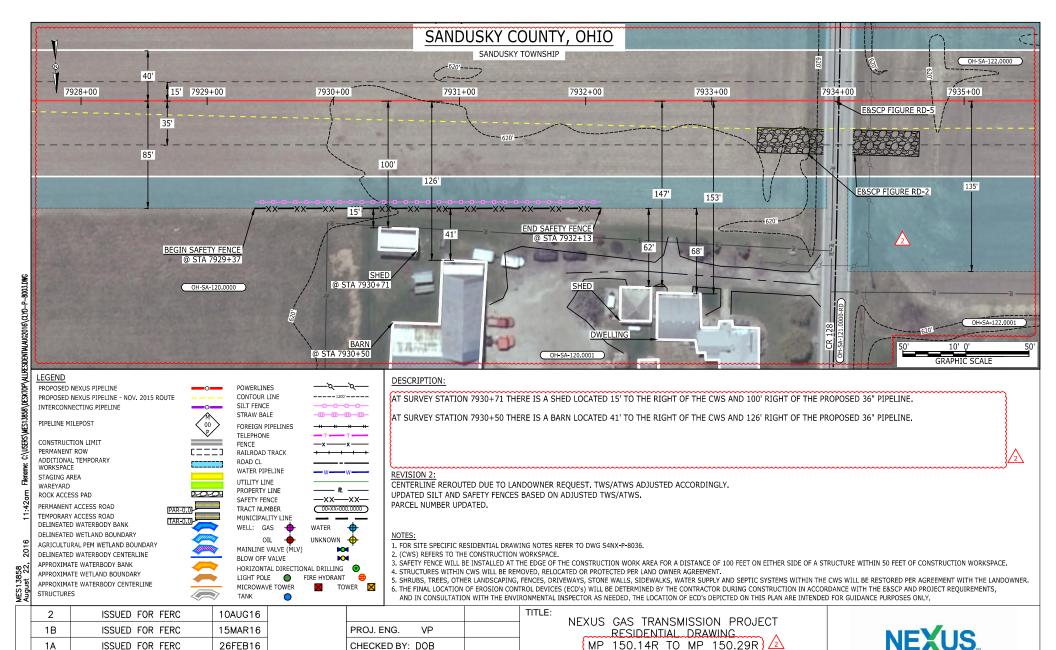
MUNICIPALITY LINE

OIL

MAINLINE VALVE (MLV)

FENCE

ROAD CL



LOC .: SANDUSKY COUNTY, OHIO

W.O.

YR.: 2017

DATE

REV.:2

DWG.NO. CLYD-P-8003

ISSUED FOR FERC

ISSUED FOR FERC

DESCRIPTION

26FEB16

23FEB16

DATE

CHECKED BY: DOB

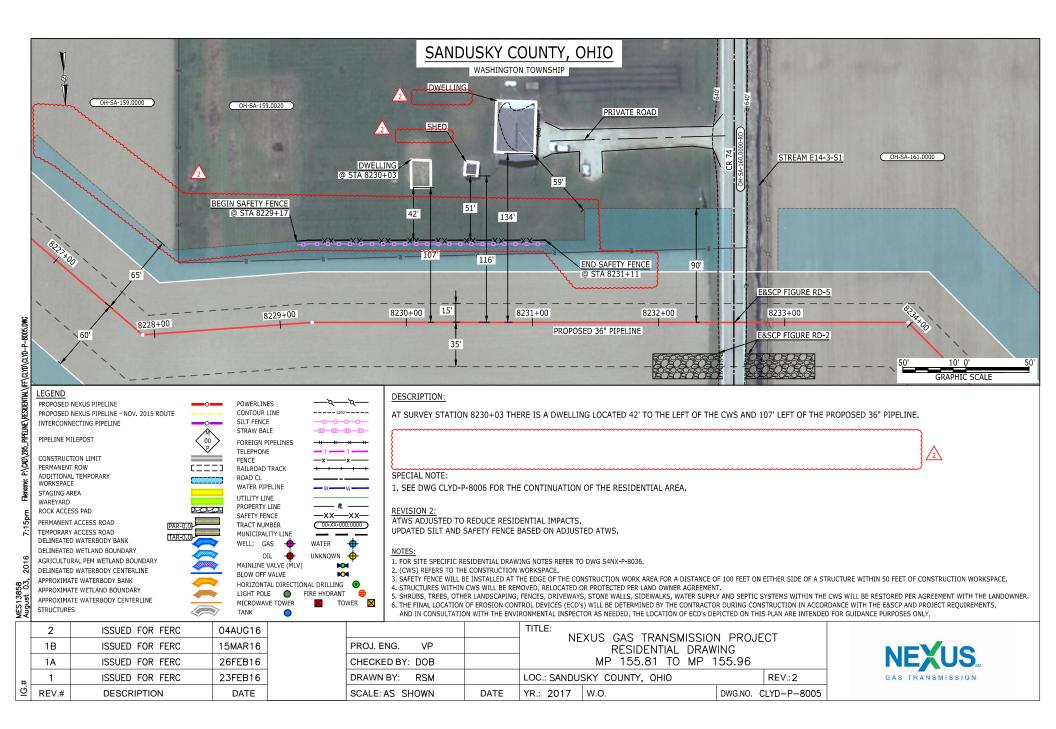
SCALE: AS SHOWN

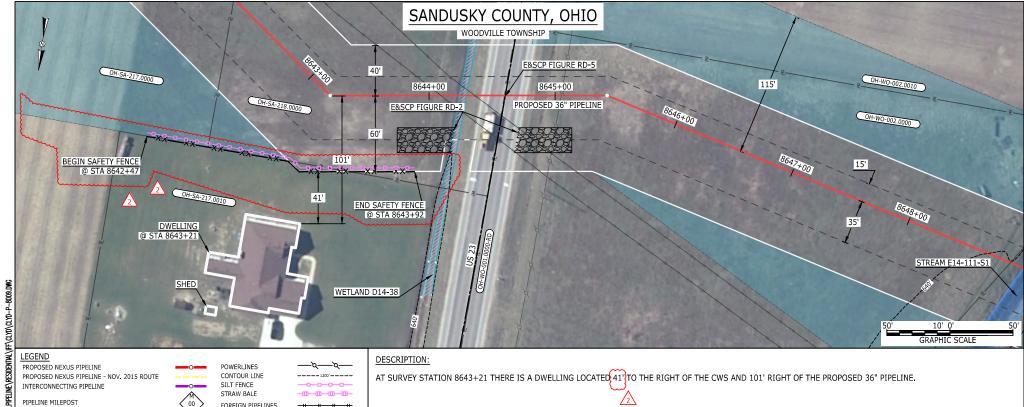
RSM

DRAWN BY:

1A

1 REV.#





PROPOSED NEXUS PIPELINE PROPOSED NEXUS PIPELINE - NOV. 2015 ROUTE INTERCONNECTING PIPELINE

PIPELINE MILEPOST

CONSTRUCTION LIMIT PERMANENT ROW ADDITIONAL TEMPORARY STAGING AREA

WAREYARD ROCK ACCESS PAD PERMANENT ACCESS ROAD TEMPORARY ACCESS ROAD

DELINEATED WATERBODY BANK DELINEATED WETLAND BOUNDARY AGRICULTURAL PEM WETLAND BOUNDARY DELINEATED WATERBODY CENTERLINE APPROXIMATE WATERBODY BANK APPROXIMATE WETLAND BOUNDARY

APPROXIMATE WATERBODY CENTERLINE

STRUCTURES

CONTOUR LINE ----1200'----SILT FENCE -0-0-0-STRAW BALE -m-m-m-m FOREIGN PIPELINES TELEPHONE FENCE RAILROAD TRACK ROAD CL WATER PIPELINE UTILITY LINE PROPERTY LINE 200 SAFETY FENCE —xx—xx— TRACT NUMBER ( 00-XX-000.0000 ) MUNICIPALITY LINE WELL: GAS WATER UNKNOWN + OIL MAINLINE VALVE (MLV) BLOW OFF VALVE **≥** HORIZONTAL DIRECTIONAL DRILLING . LIGHT POLE FIRE HYDRANT MICROWAVE TOWER TOWER 🔀 TANK 0

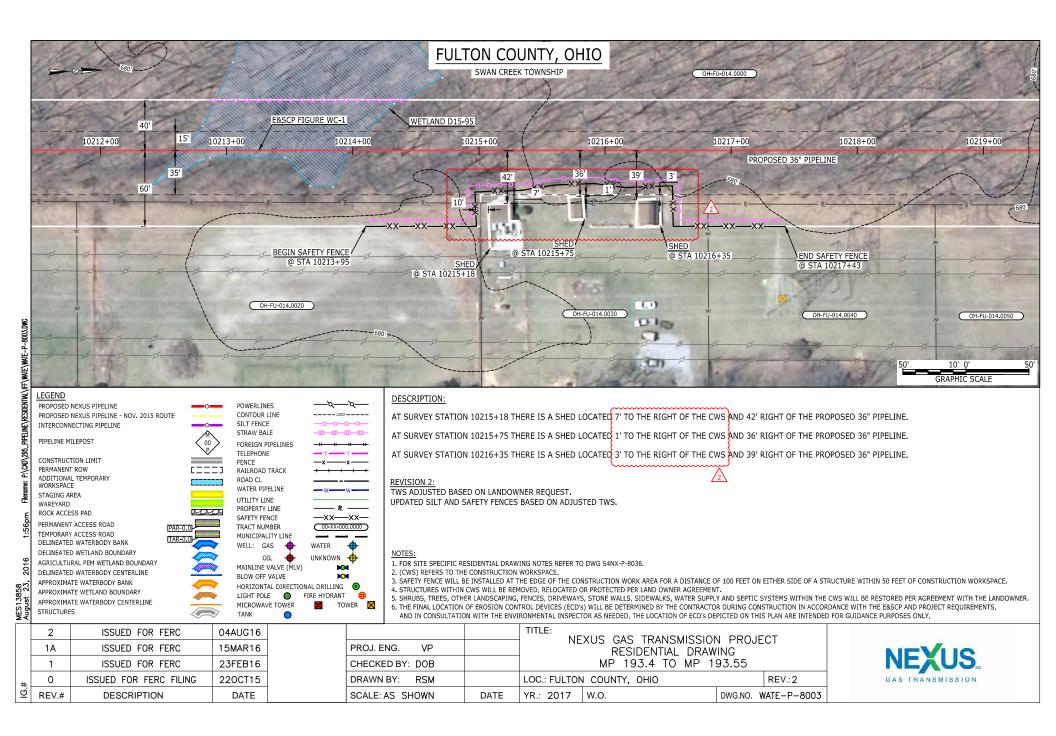
AT SURVEY STATION 8643+21 THERE IS A DWELLING LOCATED 41 TO THE RIGHT OF THE CWS AND 101' RIGHT OF THE PROPOSED 36" PIPELINE.

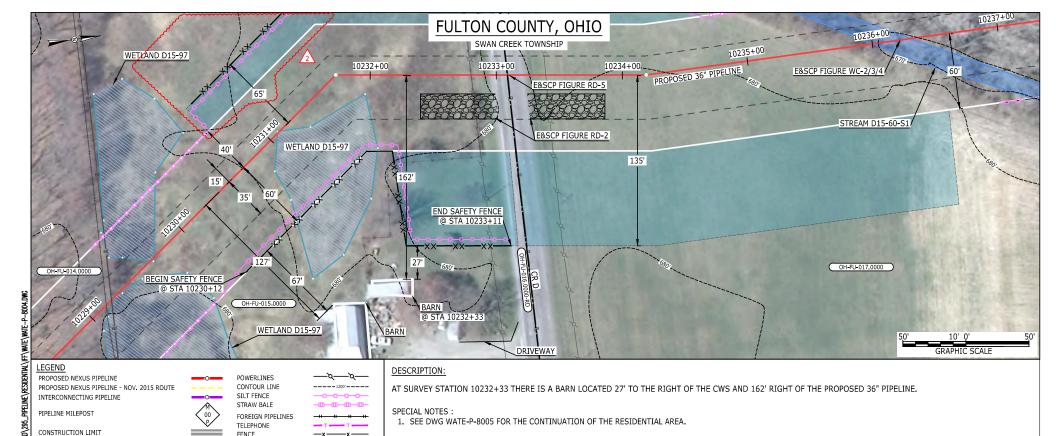
ATWS ADJUSTED TO REDUCE RESIDENTIAL IMPACTS. UPDATED SILT AND SAFETY FENCE BASED ON ADJUSTED ATWS.

- 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 REMOVED. RELOCATED OR PROTECTED PER LAND OWNER AGREEMENT.
- 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.
  6. THE FINAL LOCATION OF EROSION CONTROL DEVICES (ECD's) WILL BE DETERMINED BY THE CONTRACTOR DURING CONSTRUCTION IN ACCORDANCE WITH THE E&SCP 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.

	2	ISSUED FOR FERC	04AUG16				TITLE:	XUS GAS TRANSMISSIOI	VI DDO II	-CT
	1A	ISSUED FOR FERC	15MAR16	PROJ. ENG.	VP		INC	RESIDENTIAL DRAW		
	1	ISSUED FOR FERC	23FEB16	CHECKED BY:	DOB			MP 163.68 TO MP	163.81	
#	0	ISSUED FOR FERC FILING	230CT15	DRAWN BY:	RSM		LOC.: SANDU	SKY COUNTY, OHIO		REV.:2
<u>Ö</u>	REV.#	DESCRIPTION	DATE	SCALE: AS SH	OWN	DATE	YR.: 2017	W.O.	DWG.NO.	CLYD-P-8009







RAILROAD TRACK

WATER PIPELINE

UTILITY LINE

PROPERTY LINE

SAFETY FENCE

WELL: GAS

BLOW OFF VALVE

LIGHT POLE

MICROWAVE TOWER

TANK

TRACT NUMBER

MUNICIPALITY LINE

OIL

MAINLINE VALVE (MLV)

ROAD CL

PERMANENT ROW

STAGING AREA

ROCK ACCESS PAD

WAREYARD

STRUCTURES

ADDITIONAL TEMPORARY

PERMANENT ACCESS ROAD

TEMPORARY ACCESS ROAD

DELINEATED WATERBODY BANK

DELINEATED WETLAND BOUNDARY

APPROXIMATE WATERBODY BANK

APPROXIMATE WETLAND BOUNDARY

AGRICULTURAL PEM WETLAND BOUNDARY

DELINEATED WATERBODY CENTERLINE

APPROXIMATE WATERBODY CENTERLINE

**REVISION 2:** ATWS ADJUSTED TO REDUCE RESIDENTIAL IMPACTS. UPDATED SILT AND SAFETY FENCES BASED ON ADJUSTED ATWS.

—xx—xx—

( 00-XX-000.0000 )

TOWER 🔀

UNKNOWN +

WATER

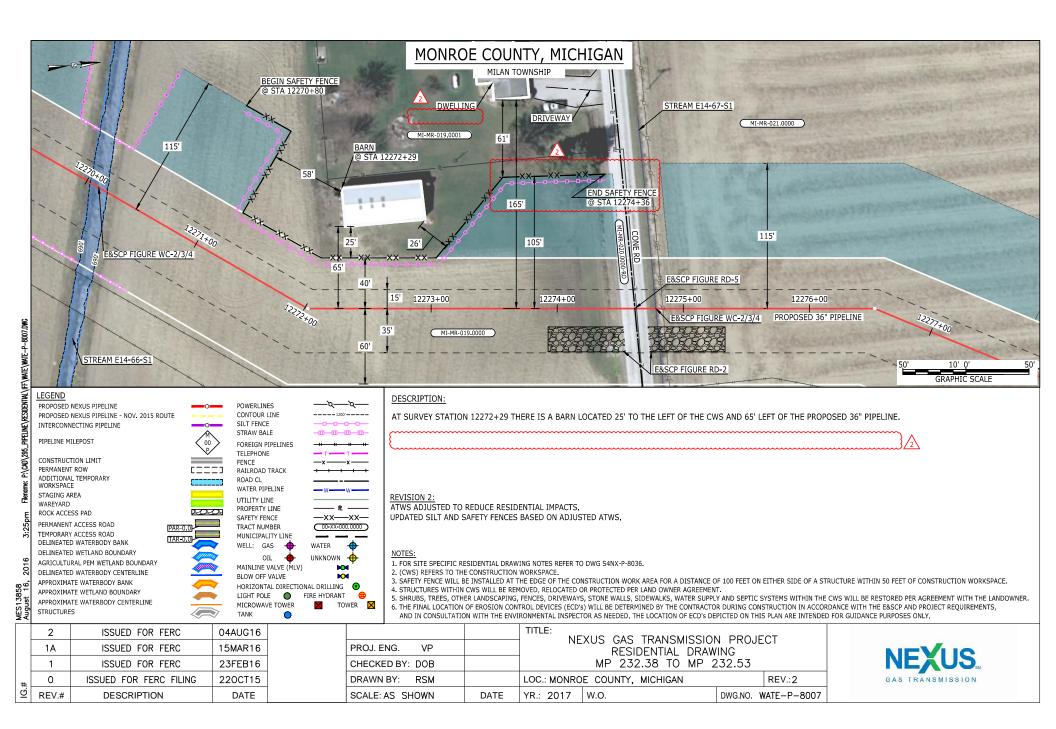
FIRE HYDRANT

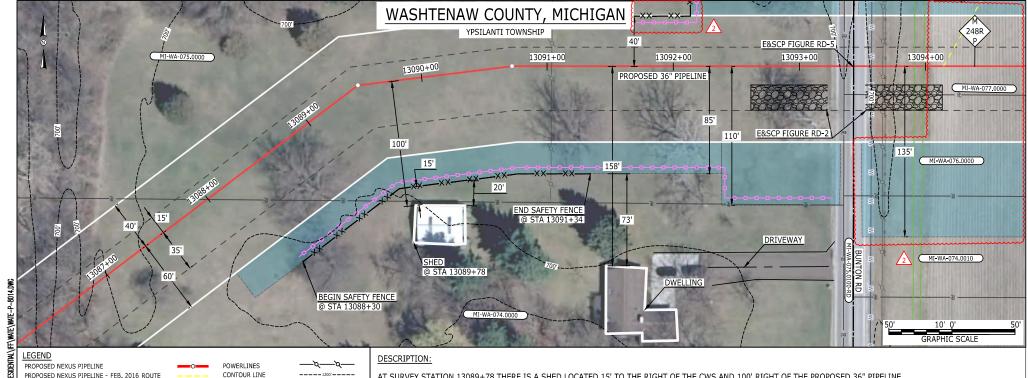
HORIZONTAL DIRECTIONAL DRILLING .

- 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 REMOVED. RELOCATED OR PROTECTED PER LAND OWNER AGREEMENT.
- 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. 6. THE FINAL LOCATION OF EROSION CONTROL DEVICES (ECD's) WILL BE DETERMINED BY THE CONTRACTOR DURING CONSTRUCTION IN ACCORDANCE WITH THE E&SCP 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.

	2	ISSUED FOR FERC	04AUG16					TITLE:	XUS GAS TRANSMISSIO	V DDA II	СТ
	1B	ISSUED FOR FERC	15MAR16	PF	OJ. ENG	. VP		INC	RESIDENTIAL DRAW		
	1A	ISSUED FOR FERC	26FEB16	CH	ECKED I	BY: DOB			MP 193.72 TO MP 1	93.89	
#	1	ISSUED FOR FERC	23FEB16	DF	AWN BY	: RSM		LOC.: FULTON	N COUNTY, OHIO		REV.:2
<u>0</u>	REV.#	DESCRIPTION	DATE	SC	ALE: AS	SHOWN	DATE	YR.: 2017	W.O.	DWG.NO.	WATE-P-8004







PROPOSED NEXUS PIPELINE - FEB. 2016 ROUTE INTERCONNECTING PIPELINE

PIPELINE MILEPOST

CONSTRUCTION LIMIT PERMANENT ROW ADDITIONAL TEMPORARY WORKSPACE

STAGING AREA WAREYARD ROCK ACCESS PAD

STRUCTURES

PERMANENT ACCESS ROAD TEMPORARY ACCESS ROAD DELINEATED WATERBODY BANK DELINEATED WETLAND BOUNDARY AGRICULTURAL PEM WETLAND BOUNDARY DELINEATED WATERBODY CENTERLINE APPROXIMATE WATERBODY BANK APPROXIMATE WETLAND BOUNDARY

APPROXIMATE WATERBODY CENTERLINE

SILT FENCE STRAW BALE FOREIGN PIPELINES TELEPHONE FENCE RAILROAD TRACK ROAD CL WATER PIPELINE UTILITY LINE

PROPERTY LINE

SAFETY FENCE —xx—xx— TRACT NUMBER ( 00-XX-000.0000 ) MUNICIPALITY LINE WELL: GAS WATER OIL UNKNOWN +

MAINLINE VALVE (MLV) BLOW OFF VALVE **M** HORIZONTAL DIRECTIONAL DRILLING . LIGHT POLE FIRE HYDRANT

MICROWAVE TOWER TOWER 🔀 TANK

AT SURVEY STATION 13089+78 THERE IS A SHED LOCATED 15' TO THE RIGHT OF THE CWS AND 100' RIGHT OF THE PROPOSED 36" PIPELINE.

1. SEE DWG WATE-P-8015 FOR THE CONTINUATION OF THE RESIDENTIAL AREA.

# **REVISION 2:**

CENTERLINE REPOUTED TO AVOID EXISTING UTILITIES. TWS/ATWS ADJUSTED ACCORDINGLY.

ATWS ADJUSTED TO REDUCE RESIDENTIAL IMPACTS.

UPDATED SILT AND SAFETY FENCES BASED ON ADJUSTED ATWS.

- 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 REMOVED. RELOCATED OR PROTECTED PER LAND OWNER AGREEMENT.
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- AND IN CONSULTATION WITH THE ENVIRONMENTAL INSPECTOR AS NEEDED. THE LOCATION OF ECD'S DEPICTED ON THIS PLAN ARE INTENDED FOR GUIDANCE PURPOSES ONLY.

2	ISSUED FOR FERC	04AUG16					TITLE:	EXUS GAS TRANSMISSIO	N DDO I	FCT
1A	ISSUED FOR FERC	15MAR16	PRC	J. ENG.	VP		INC	RESIDENTIAL DRAV		ECT
1	ISSUED FOR FERC	23FEB16	CHE	CKED BY:	DOB			MP 247.84 TO MP 2		3 /2
# 0	ISSUED FOR FERC FILING	220CT15	DRA	WN BY:	RSM		LOC.: WASHTI	ENAW COUNTY, MICHIGAN		REV.:2
ල් REV.#	DESCRIPTION	DATE	SCA	LE: AS SI	HOWN	DATE	YR.: 2017	W.O.	DWG.NO.	WATE-P-8014

