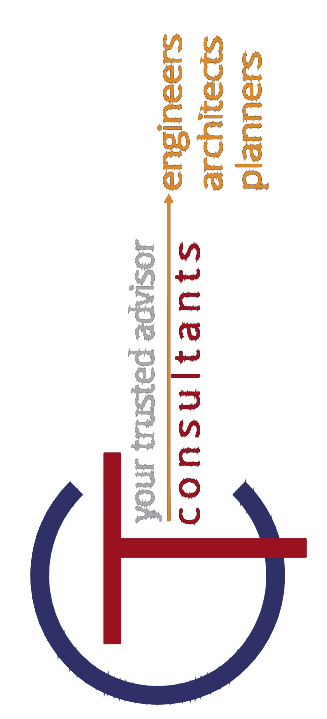


- NOTES:**
1. PROVIDE (2) FUTURE 6" LATERAL STUBS 10' IN LENGTH AT ELEVATION SHOWN ON MANHOLE.
 2. ABANDONED SEPTIC UNITS. SEPTIC TANKS THAT ARE NO LONGER IN USE SHALL BE COMPLETELY PUMPED. THE FLOOR AND WALLS SHALL BE CRACKED OR CRUMBLED SO THAT THE TANK WILL NOT HOLD WATER. TANK SHALL BE FILLED WITH #57 STONE, BACKFILLED WITH NATIVE SOIL AND SEEDED.

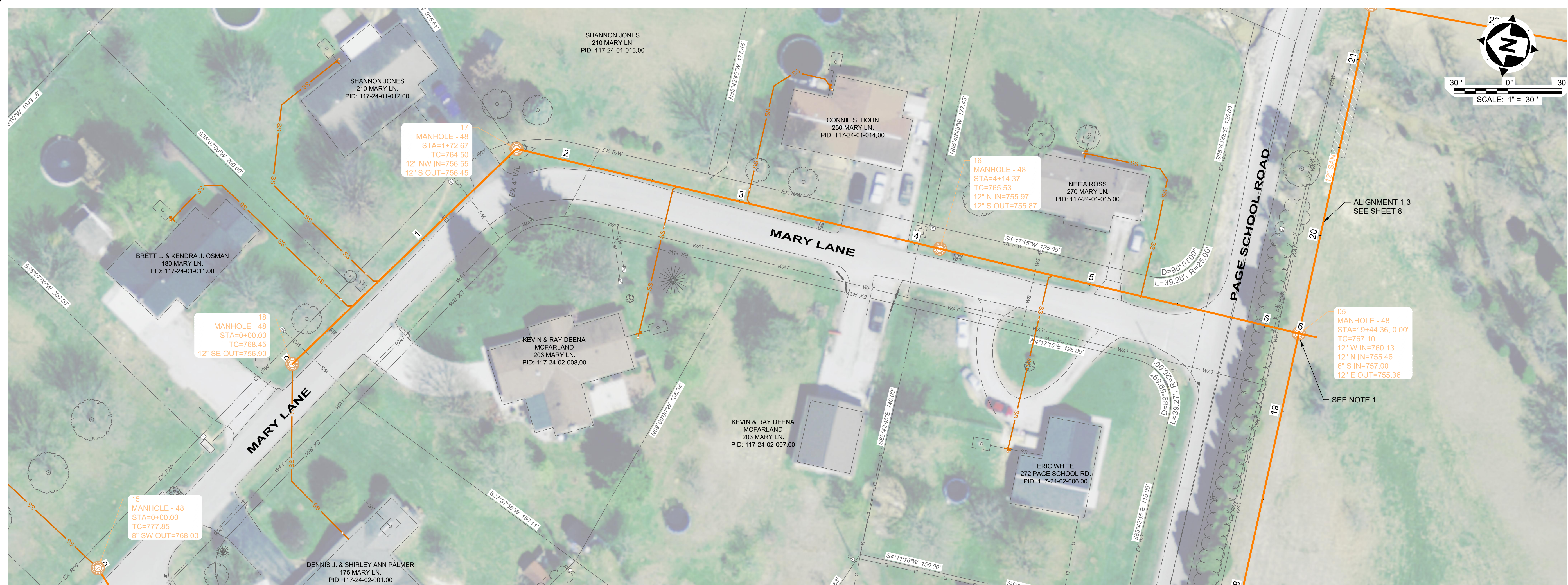


ISSUED FOR:	EPA REVIEW	NO	REVISION	DATE
190123	1/17/20			
SCALE:	AS SHOWN			
DESIGNED BY:	ISC			
DRAWN BY:	ISC			
CHECKED BY:	KB			

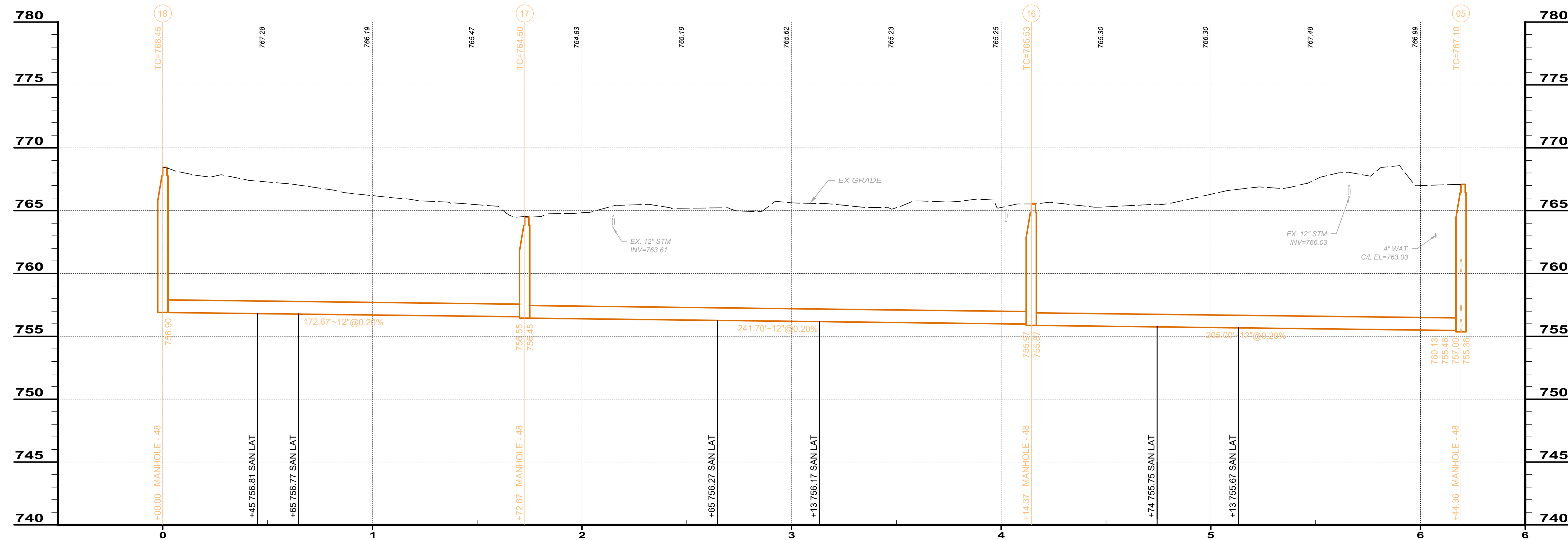
CRACKEL SUBDIVISION
SANITARY SEWER - PHASE 3
 - WEST UNION, OHIO -

PNP - ALIGNMENT 2-1

PROJECT NO.		190123
DISCIPLINE		CIVIL
SHEET NAME		SAN-PNP6
SHEET	OF	11 25



- NOTES:**
- PROVIDE (2) FUTURE 6" LATERAL STUBS 10' IN LENGTH AT ELEVATION SHOWN ON MANHOLE.
 - ABANDONED SEPTIC UNITS, SEPTIC TANKS THAT ARE NO LONGER IN USE SHALL BE COMPLETELY PUMPED. THE FLOOR AND WALLS SHALL BE CRACKED OR CRUMBLED SO THAT THE TANK WILL NOT HOLD WATER. TANK SHALL BE FILLED WITH #57 STONE, BACKFILLED WITH NATIVE SOIL AND SEEDED.



ISSUED FOR:	EPA REVIEW	NO	REVISION	DATE
1/17/20 <td>AS SHOWN <td></td> <td></td> <td></td> </td>	AS SHOWN <td></td> <td></td> <td></td>			
DESIGNED BY: <td>ISC</td> <td></td> <td></td> <td></td>	ISC			
DRAWN BY: <td>ISC</td> <td></td> <td></td> <td></td>	ISC			
CHECKED BY: <td>KB</td> <td></td> <td></td> <td></td>	KB			

**CRACKEL SUBDIVISION
SANITARY SEWER - PHASE 3
- WEST UNION, OHIO -**

PNP - ALIGNMENT 3-1

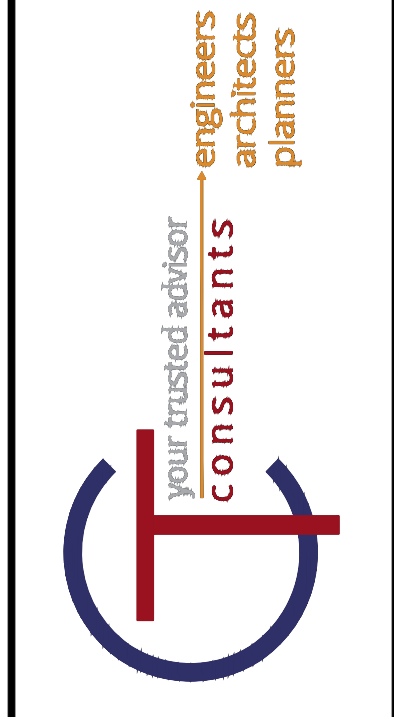
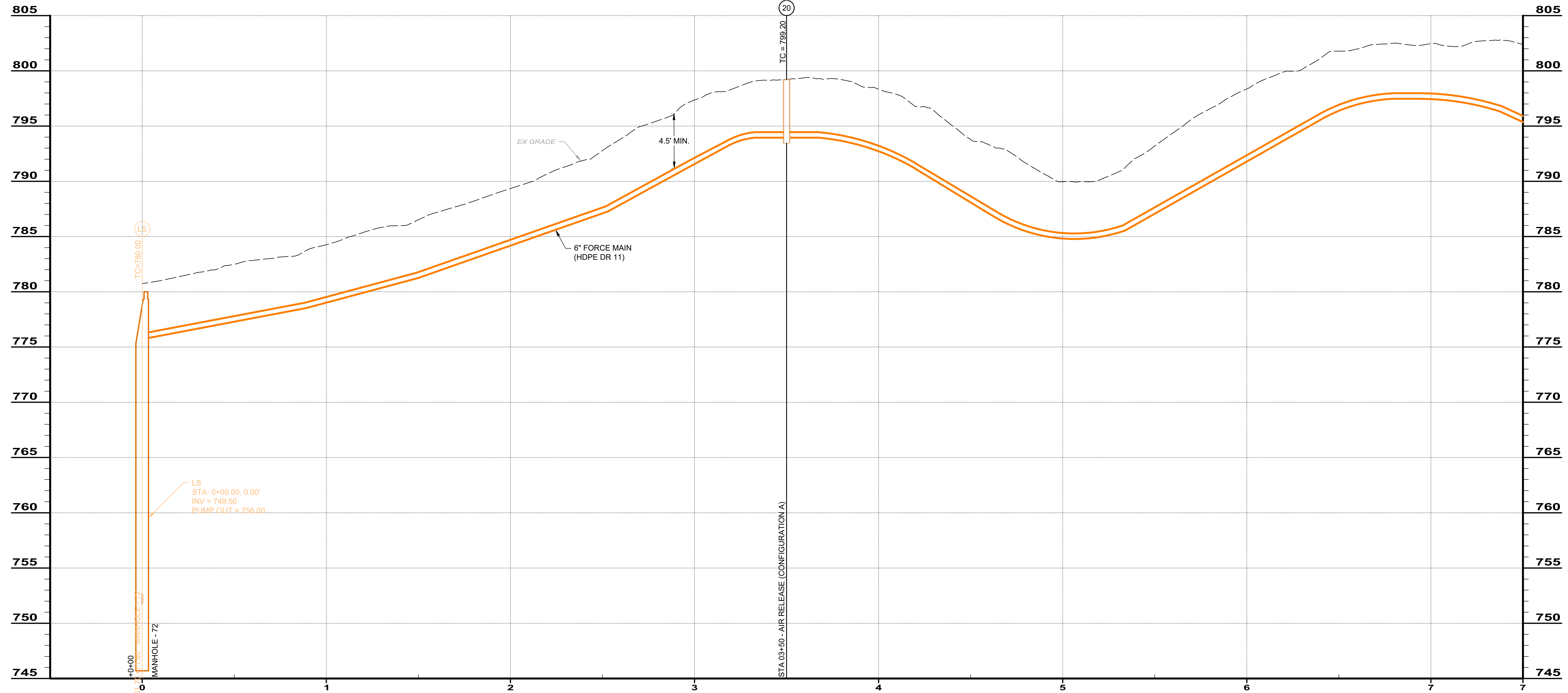
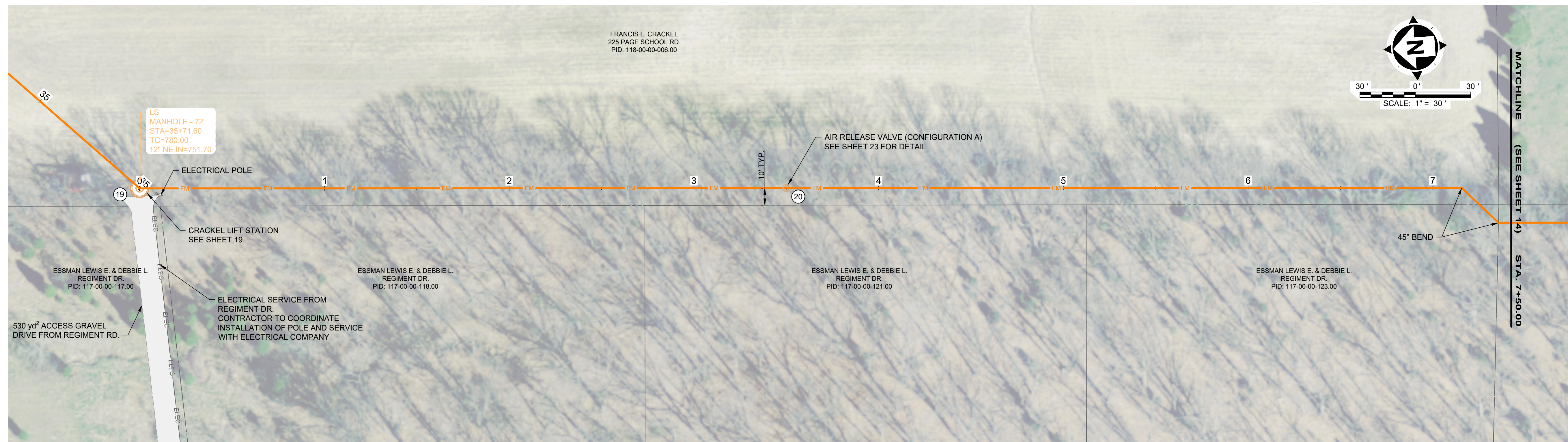
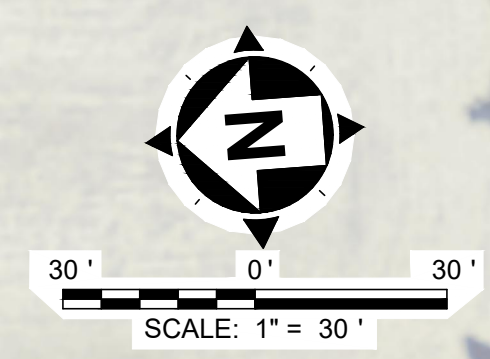
PROJECT NO.
190123

DISCIPLINE
CIVIL

SHEET NAME
SAN-PNP7

SHEET **12** OF **25**

FRANCIS L. CRACKEL
225 PAGE SCHOOL RD.
PID: 118-00-00-006.00

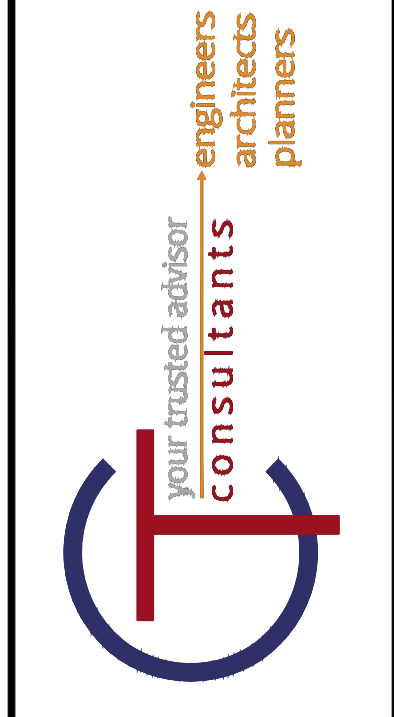
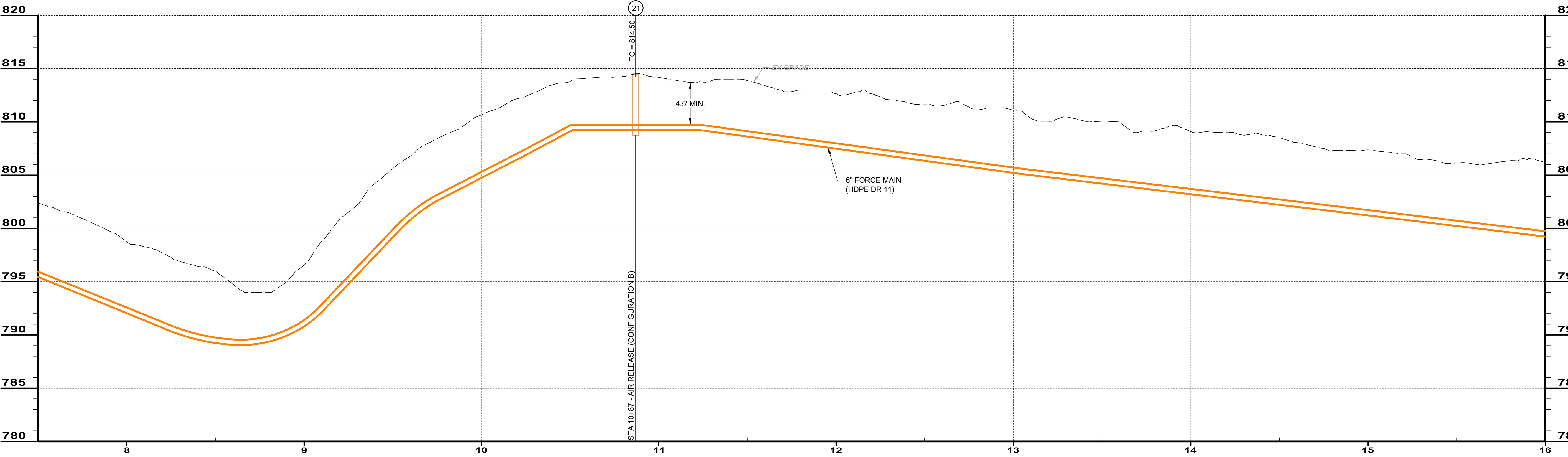
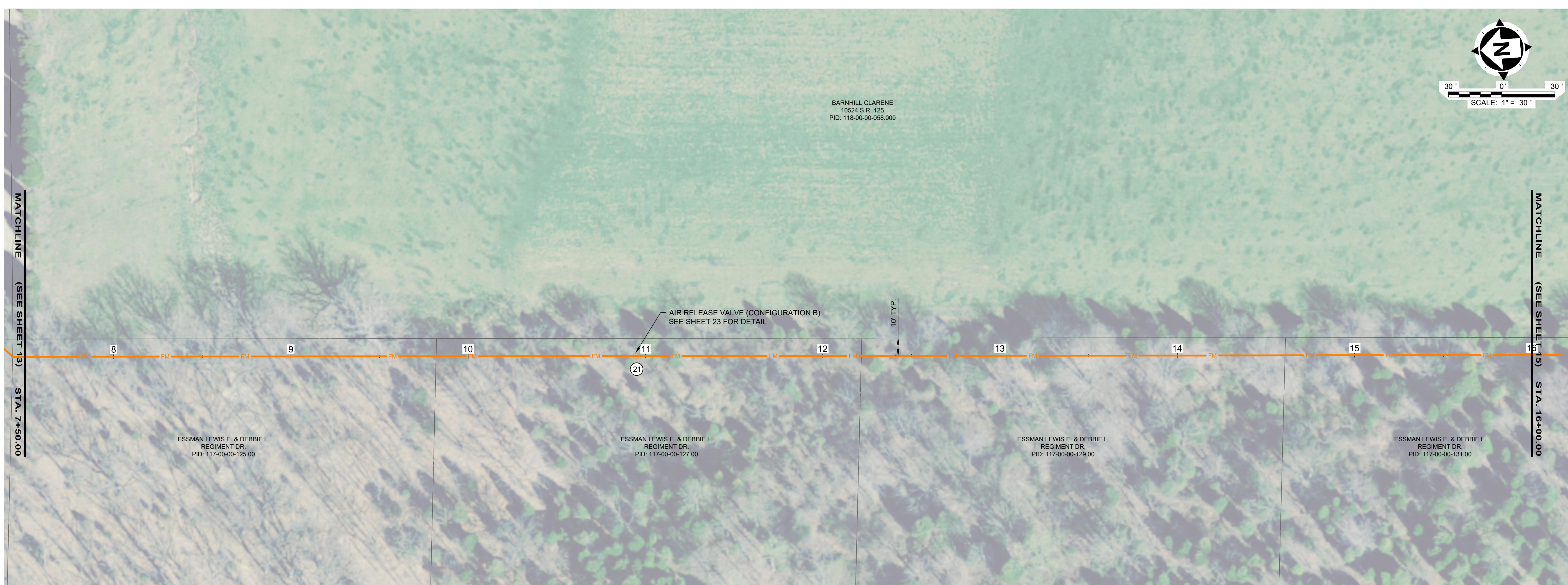


ISSUED FOR:	EPA REVIEW	NO	REVISION	DATE
ISSUE DATE:	1/17/20			
SCALE:	AS SHOWN			
DESIGNED BY:	ISC			
DRAWN BY:	ISC			
CHECKED BY:	KB			

**CRACKEL SUBDIVISION
SANITARY SEWER - PHASE 3
- WEST UNION, OHIO -**

PNP - FORCE MAIN 1

PROJECT NO.	190123
DISCIPLINE	CIVIL
SHEET NAME	FM-PNP1
SHEET	13
OF	25

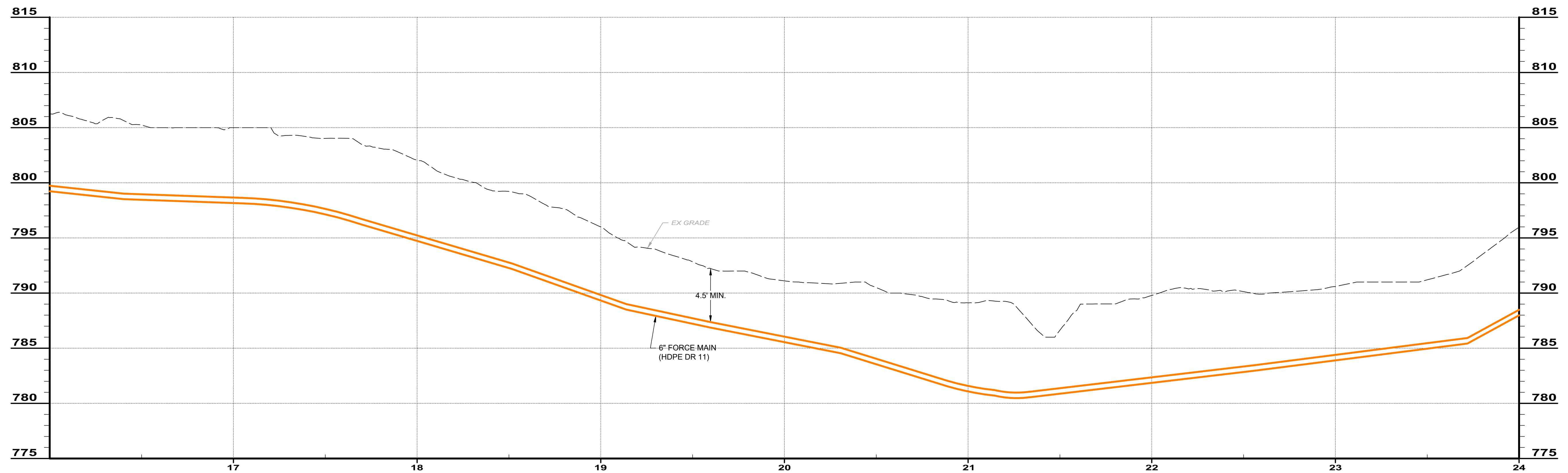
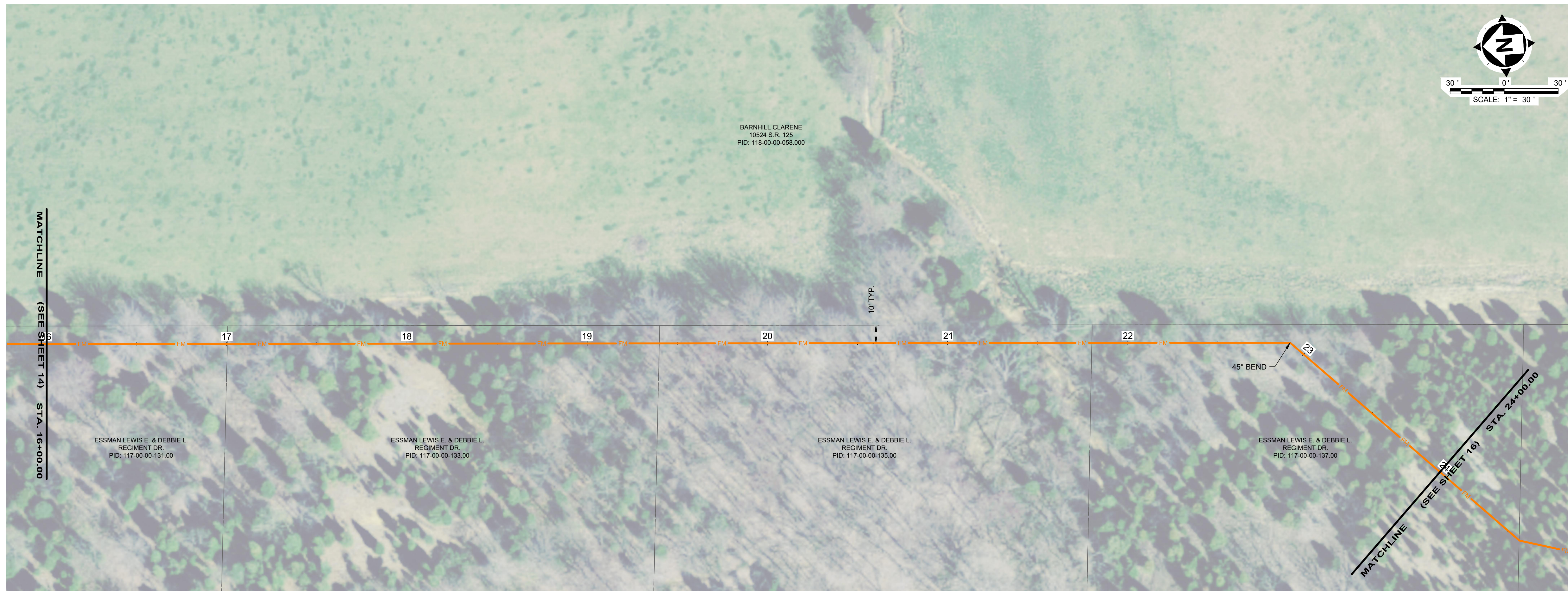


ISSUED FOR:	EPA REVIEW	NO	REVISION	DATE
ISSUE DATE:	1/17/20			
SCALE:	AS SHOWN			
DESIGNED BY:	ISC			
DRAWN BY:	ISC			
CHECKED BY:	KB			

**CRACKEL SUBDIVISION
SANITARY SEWER - PHASE 3
- WEST UNION, OHIO -**

PNP - FORCE MAIN 2

PROJECT NO.	190123
DISCIPLINE	CIVIL
SHEET NAME	FM-PNP2
SHEET	14
OF	25

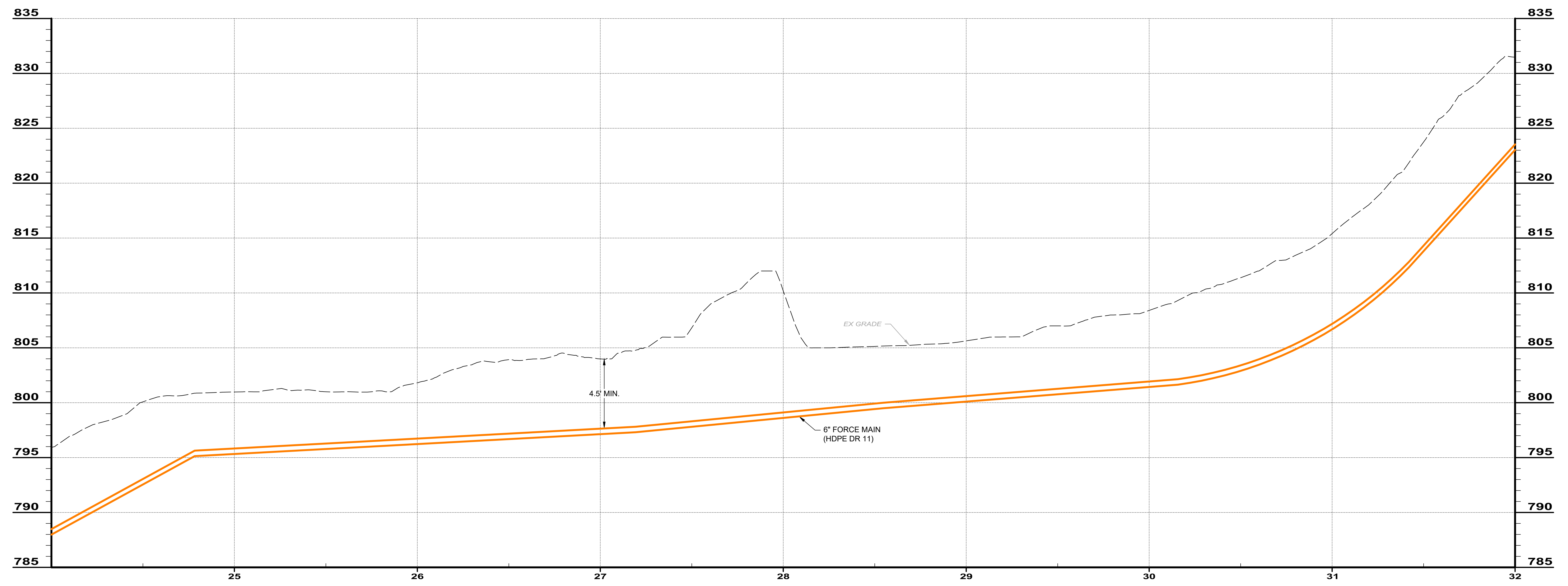


ISSUED FOR:	EPA REVIEW	NO	REVISION	DATE
ISSUE DATE:	1/17/20			
SCALE:	AS SHOWN			
DESIGNED BY:	ISC			
DRAWN BY:	ISC			
CHECKED BY:	KB			

**CRACKLE SUBDIVISION
SANITARY SEWER - PHASE 3
- WEST UNION, OHIO -**

PNP - FORCE MAIN 3

PROJECT NO.	190123
DISCIPLINE	CIVIL
SHEET NAME	FM-PNP3
SHEET	15
OF	25



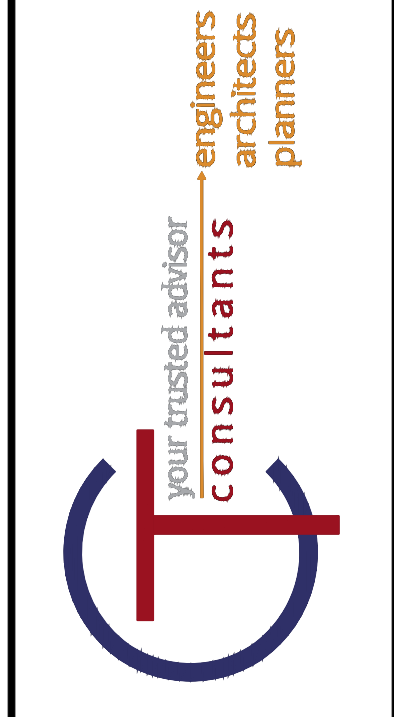
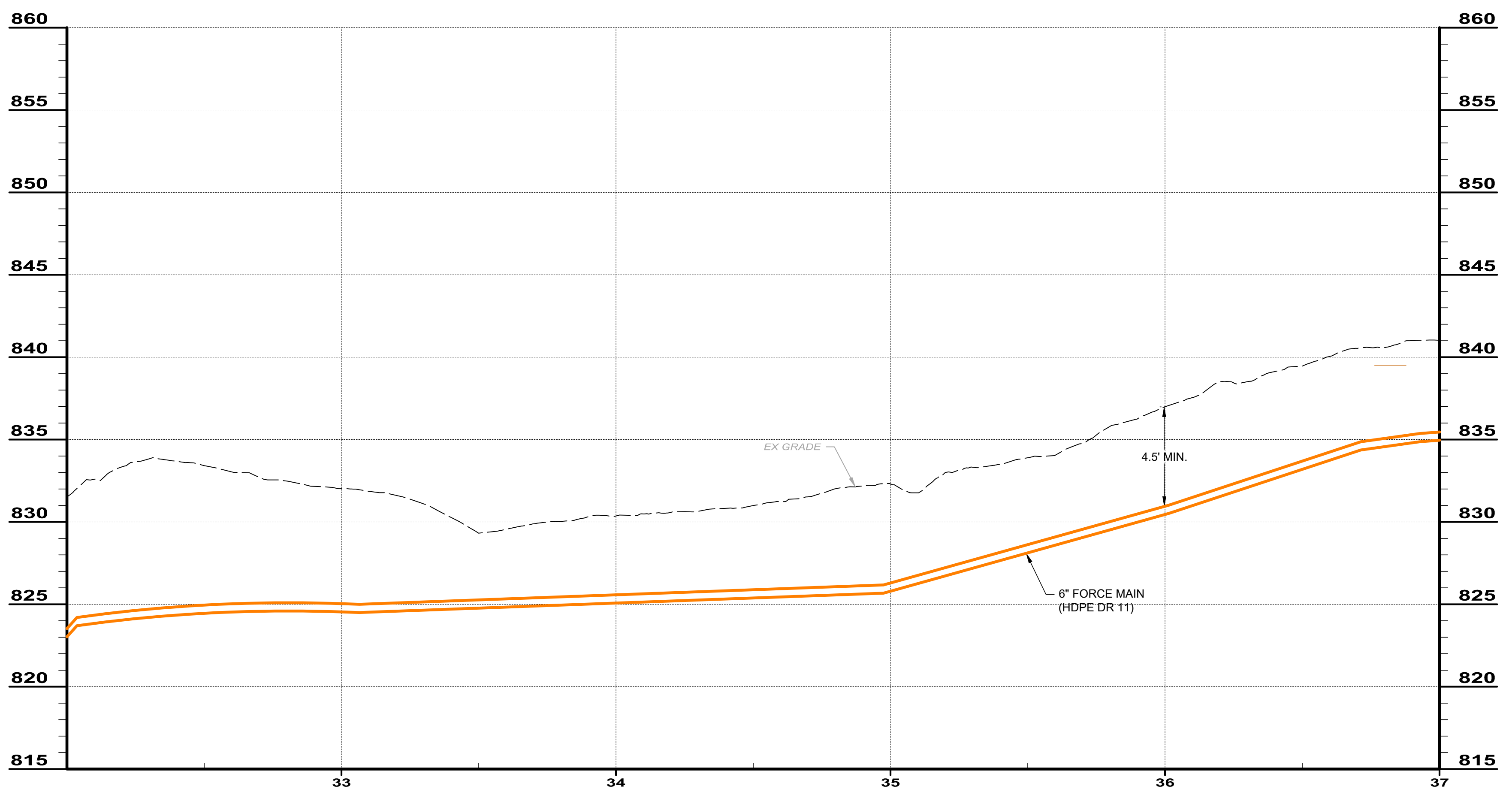
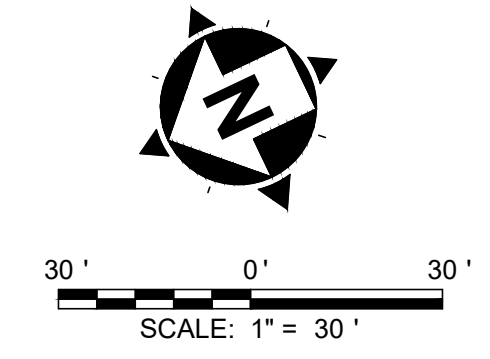
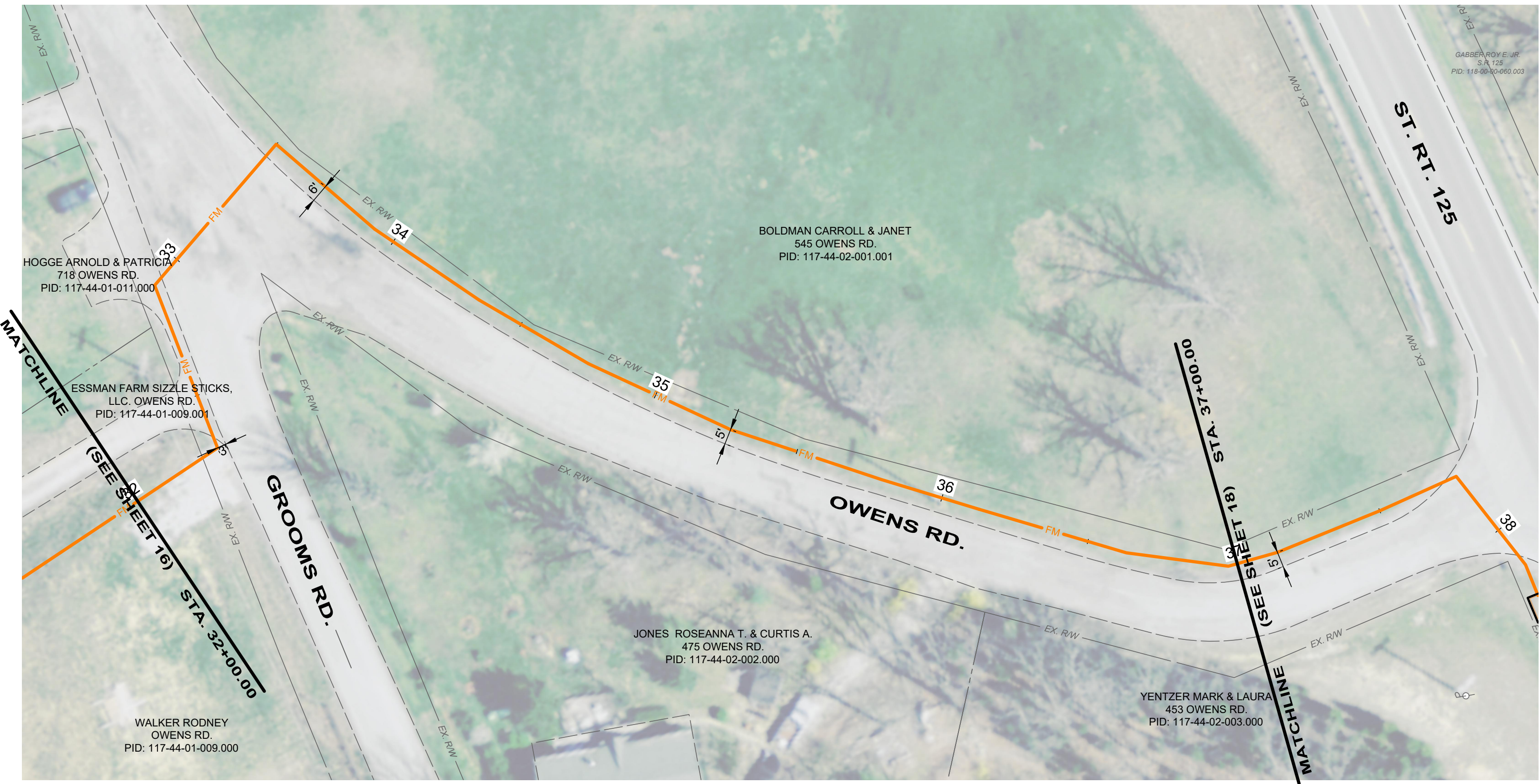
NO	REVISION	DATE

ISSUED FOR:	EPA REVIEW
ISSUE DATE:	1/17/20
SCALE:	AS SHOWN
DESIGNED BY:	ISC
DRAWN BY:	ISC
CHECKED BY:	KB

**CRACKEL SUBDIVISION
SANITARY SEWER - PHASE 3
- WEST UNION, OHIO -**

PNP - FORCE MAIN 4

PROJECT NO.	190123
DISCIPLINE	CIVIL
SHEET NAME	FM-PNP4
SHEET	OF
16	25

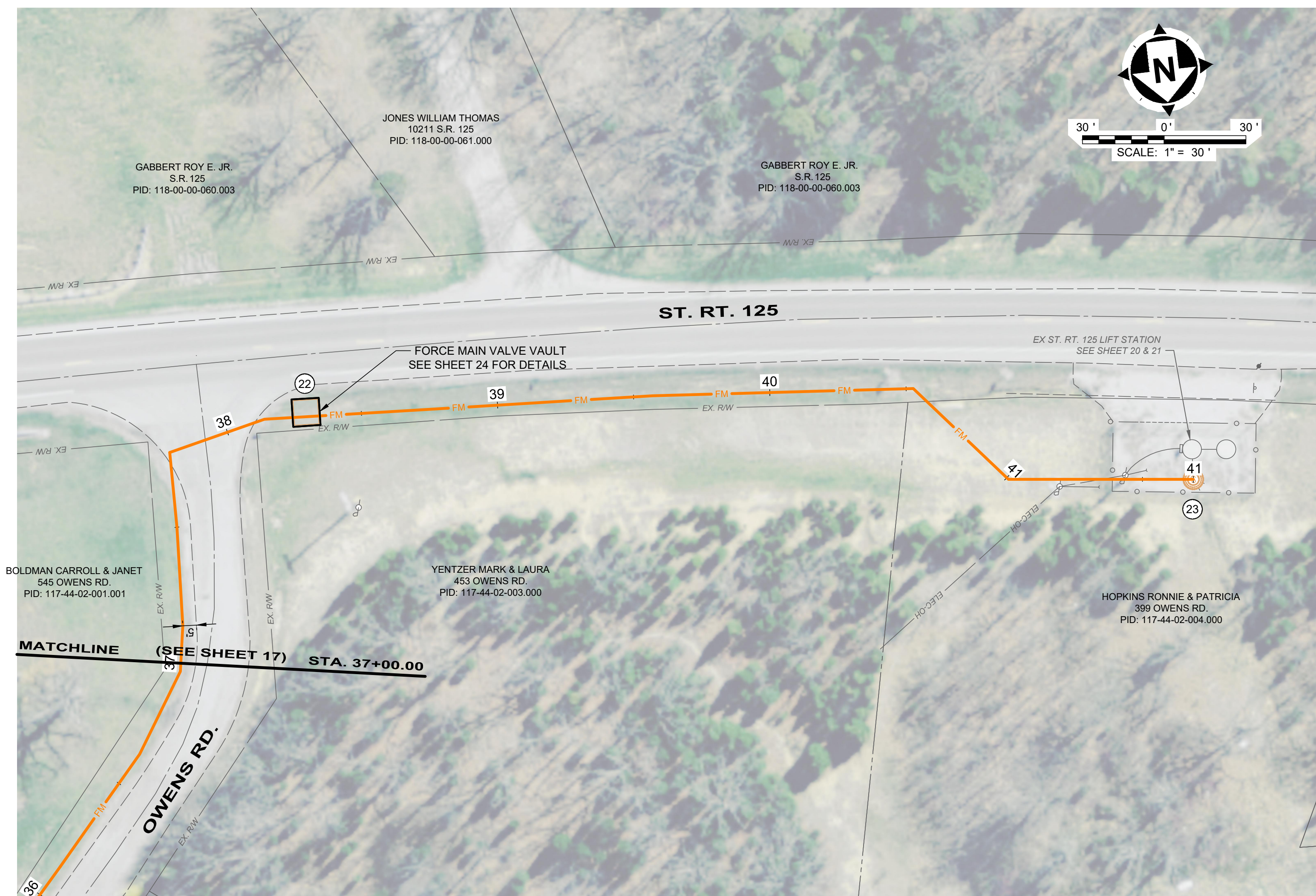


ISSUED FOR:	EPA REVIEW	NO	REVISION	DATE
ISSUE DATE:	1/17/20			
SCALE:	AS SHOWN			
DESIGNED BY:	ISC			
DRAWN BY:	ISC			
CHECKED BY:	KB			

**CRACKEL SUBDIVISION
SANITARY SEWER - PHASE 3
- WEST UNION, OHIO -**

PNP - FORCE MAIN 5

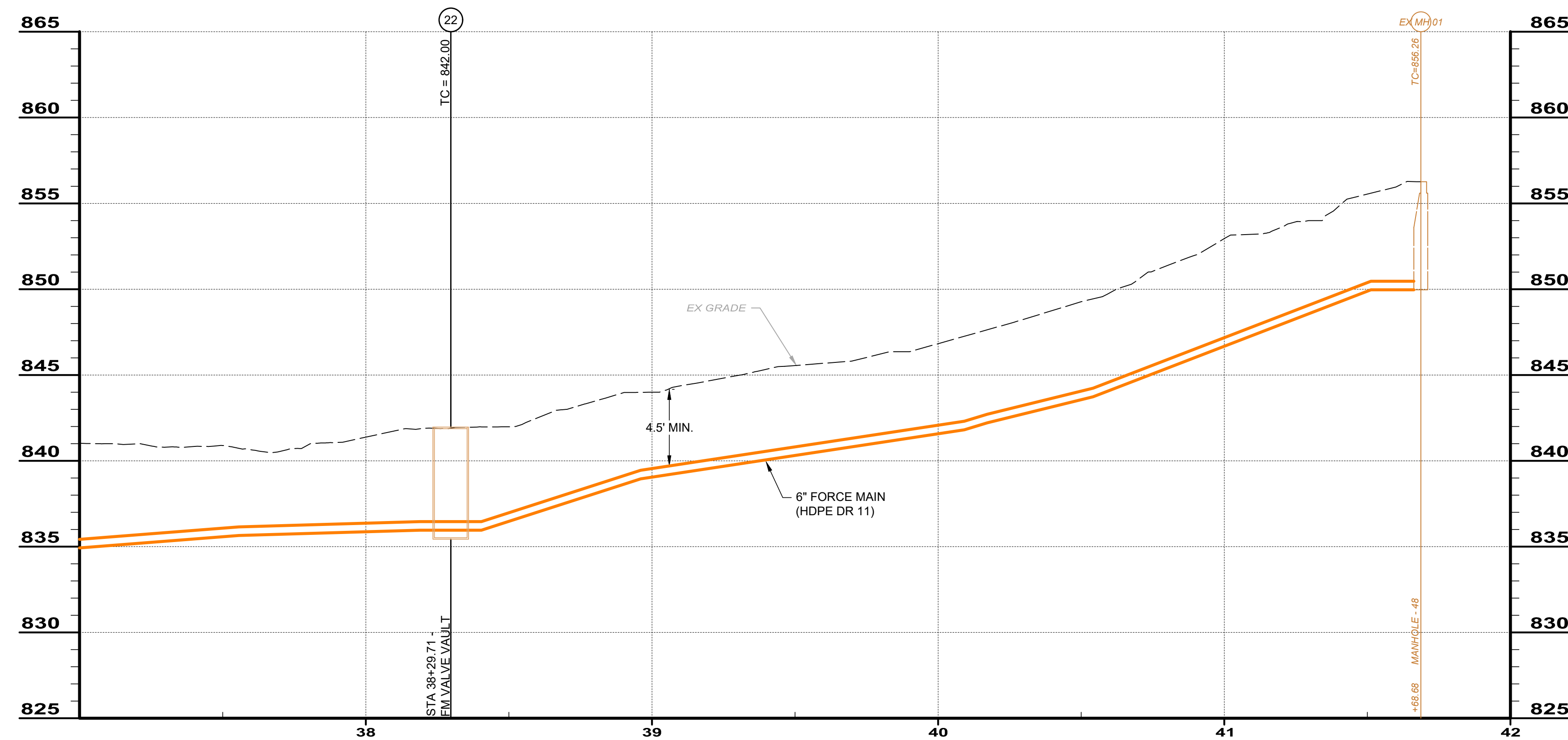
PROJECT NO.		190123
DISCIPLINE		CIVIL
SHEET NAME		FM-PNP5
SHEET	OF	
17	25	



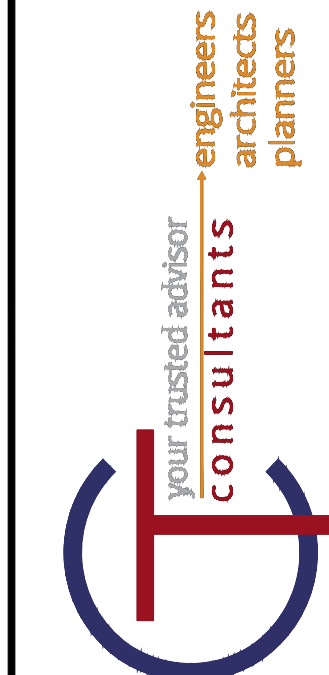
SANITARY SERVICE SCHEDULE TABLE									
LOT	FGE	INVERT AT END OF SERVICE	SERVICE LENGTH	SLOPE	SERVICE INVERT AT MAIN	ALIGNMENT	WYE STATION	MAIN INVERT AT WYE	RISER HEIGHT
115 MARY LN.	783.63	780.00	180	0.0208	776.25	1	0+28.00	767.72	8.53
110 MARY LN.	776.00	773.00	78	0.0208	771.38	1	0+41.12	769.59	1.78
85 MARY LN.	783.94	780.00	114	0.0208	777.63	1	1+33.92	768.66	8.97
70 MARY LN.	776.50	772.50	96	0.0208	770.50	1	2+23.03	767.77	2.73
43 MARY LN.	779.12	775.00	84	0.0208	773.25	1	2+27.25	767.73	5.52
50 MARY LN.	775.00	771.00	108	0.0208	768.75	1	3+33.22	766.99	1.76
30 MARY LN.	778.37	776.00	63	0.0208	774.69	1	4+35.37	766.49	8.20
60 PAGE SCHOOL RD.	780.89	776.00	87	0.0208	774.19	1	4+85.70	766.29	7.90
10 MARY LN.	780.33	776.00	95	0.0208	774.02	1	4+98.28	766.24	7.78
100 PAGE SCHOOL RD.	787.59	783.00	148	0.0208	779.92	1	8+91.25	765.05	14.87
23 MICHAEL LN.	783.89	779.00	148	0.0208	775.92	1	11+11.48	764.52	11.40
242 PAGE SCHOOL RD.	776.14	772.00	158	0.0208	768.71	1	17+63.39	761.94	6.77
140 MARY LN.	775.00	771.00	131	0.0208	768.27	2	0+0.00	768.00	0.27
135 MARY LN.	784.29	780.00	51	0.0208	778.94	2	1+51.76	767.70	11.24
40 MICHAEL LN.	777.65	773.00	159	0.0208	769.69	2	1+95.63	767.61	2.08
188 PAGE SCHOOL RD.	777.60	773.00	138	0.0208	770.13	2	3+45.80	767.21	2.91
175 MARY LN.	773.45	769.00	110	0.0208	766.71	3	0+0.00	757.97	8.74
180 MARY LN.	766.50	762.00	138	0.0208	759.13	3	0+45.20	756.81	2.32
210 MARY LN.	762.75	761.00	161	0.0208	757.65	3	0+64.74	756.77	0.88
203 MARY LN.	770.58	764.00	87	0.0208	762.19	3	2+64.57	756.27	5.92
250 MARY LN.	775.00	770.00	101	0.0208	767.90	3	3+13.27	756.17	11.73
272 PAGE SCHOOL RD.	770.61	764.00	101	0.0208	761.90	3	4+74.37	755.75	6.15
270 MARY LN.	766.23	762.00	119	0.0208	759.52	3	5+13.17	755.67	3.85

SANITARY NOTES:

1. ALL SANITARY LATERALS SHALL BE AT 2.08% MINIMUM SLOPE UNLESS OTHERWISE NOTED.
2. A MINIMUM OF 1.5' (VERTICALLY) AND 10' (HORIZONTALLY) SHALL SEPARATE THE SANITARY SERVICES FROM THE STORM LINES AND WATER MAINS.
3. NO UTILITY SHALL BE CLOSER THAN 10 FEET ON EITHER SIDE OF THE SANITARY SEWER MAIN.
4. WYES INSTALLED AT MORE THAN 45 DEGREES FROM HORIZONTAL SHALL BE CONCRETE ENCASED.
5. REFER TO SANITARY SERVICE SCHEDULE TABLE, THIS SHEET FOR LATERAL INFORMATION.
6. EX. UTILITY ELEVATIONS ARE APPROXIMATE. CONTRACTOR TO FIELD VERIFY PRIOR TO CONSTRUCTION.



POINT TABLE				
POINT #	T/C ELEVATION	NORTHING	EASTING	DESCRIPTION
1	771.60	295017.72	1678836.89	MH 1
2	769.20	295417.54	1678825.11	MH 2
3	767.85	295817.20	1678821.32	MH 3
4	765.64	296174.02	1678824.60	MH 4
5	767.10	296181.95	1678837.95	MH 5
6	778.40	296194.77	1678336.25	MH 6
7	780.15	296237.88	1678242.41	MH 7
8	780.90	296478.13	1678020.48	MH 8
9	785.00	296631.57	1677880.02	MH 9
10	787.30	296895.93	1677644.38	MH 10
11	774.70	297089.82	1677876.52	MH 11
12	775.60	297104.06	1677961.80	MH 12
13	780.76	296958.16	1678178.18	MH 13
14	781.70	296679.11	1678241.96	MH 14
15	777.85	296816.70	1678393.93	MH 15
16	765.53	296386.61	1678649.74	MH 16
17	764.50	296627.91	1678663.65	MH 17
18	768.45	296729.94	1678524.34	MH 18
19	780.00	294818.15	1678634.96	CRACKEL LS
20	799.20	294469.09	1678609.30	AIR RELEASE VALVE
21	814.50	293735.41	1678536.88	AIR RELEASE W/ C/O
22	0.00	291290.99	1678054.00	FM VAULT
23	855.75	291353.52	1677733.66	EX MH



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**CRACKEL SUBDIVISION
SANITARY SEWER - PHASE 3
- WEST UNION, OHIO -**

PNP - FORCE MAIN 6

PROJECT NO.	190123
DISCIPLINE	CIVIL
SHEET NAME	FM-PNP6
SHEET	18
OF	25