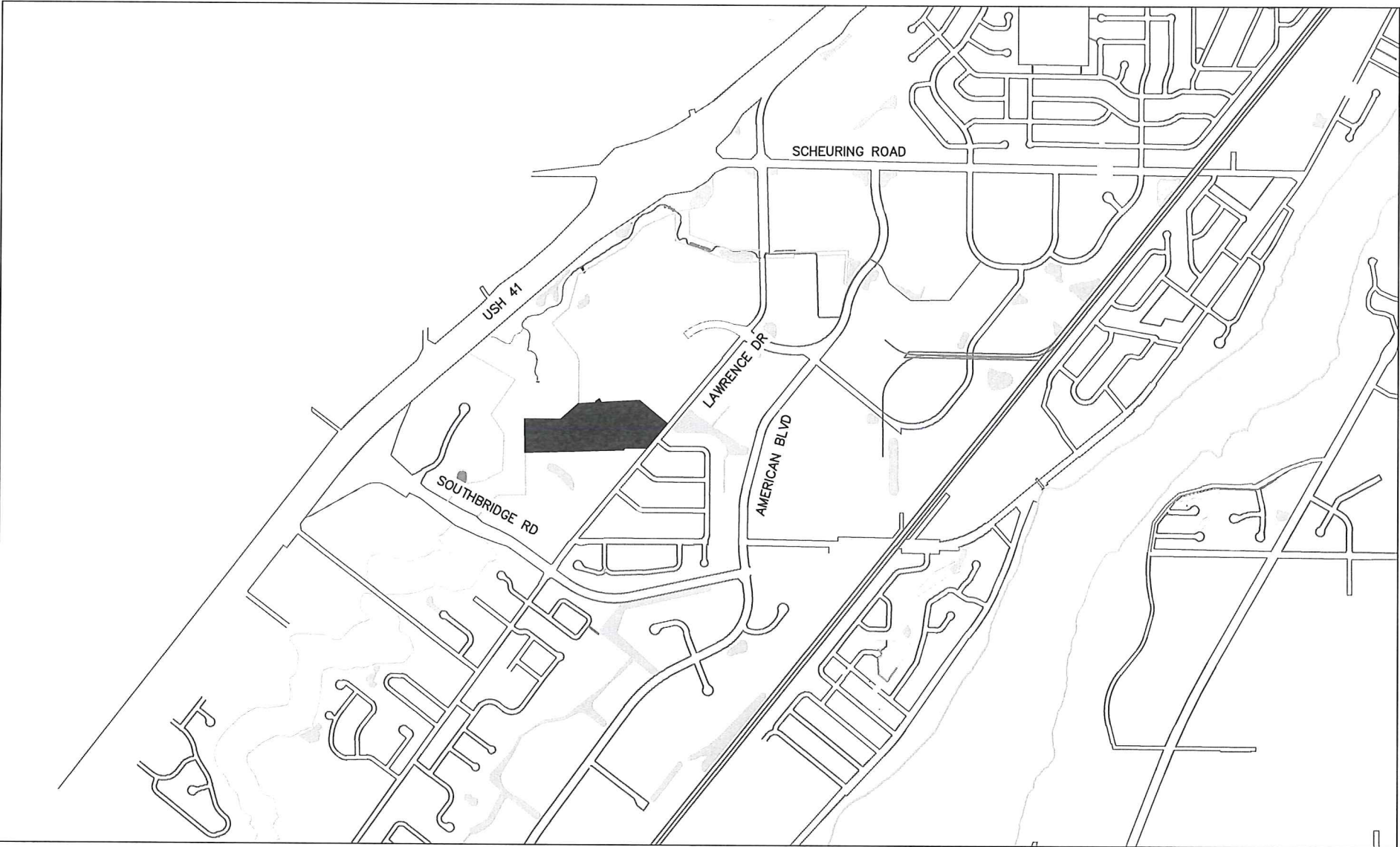


PROJECT# 23-04
KINGSTON PRESERVE UTILITY AND
STREET CONSTRUCTION

CITY OF DE PERE



ENGINEER DIVISION
925 S. SIXTH ST
DE PERE, WI 54115



SITE LOCATION MAP
N.T.S.

SHEET NO.	DESCRIPTION
G001	TITLE SHEET
G002	STANDARD ABBREVIATION & SYMBOLS
G003	PROJECT SHEET LAYOUT
G004	TYPICAL SECTIONS
G005	DEMOLITION PLAN
C101 - C111	PLAN AND PROFILE SHEETS
C301 - C311	CROSS SECTIONS
C401 - C402	ALIGNMENTS PLAN
C403	EROSION CONTROL PLAN
C404 - C405	INTERSECTION & CUL DE SAC DETAILS
C406	POND PLAN
C407	SITE GRADING AND RESTORATION PLANS
C408 - C409	TRAFFIC CONTROL PLANS
C501	PROJECT DETAILS
C502 - C504	CONSTRUCTION DETAILS

CITY OF DE PERE
BOARD OF PUBLIC WORKS

2/15/2023	<i>E.P. Rakers</i>
DATE	CITY ENGINEER
2/15/23	<i>Mayor M. R. Rakers</i>
DATE	CITY ADMINISTRATOR
2/15/2023	<i>[Signature]</i>
DATE	MAYOR

STAMPS:



LIST OF STANDARD ABBREVIATIONS

ADT	AVERAGE DAILY TRAFFIC	N	NORTH
AGGR	AGGREGATE	NB	NORTHBOUND
AH	AHEAD	NC	NORMAL CROWN
ASPH	ASPHALT	NE	NORTHEAST
B/B	BACK TO BACK	NO	NUMBER
BARR	BARRICADE	NTS	NOT TO SCALE
BC	BACK OF CURB	NW	NORTHWEST
BK	BACK	O	OIL
BL	BASELINE	O&C	OIL AND CHIP
BLVD	BOULEVARD	OBLIT	OBLITERATE
BLDG	BUILDING	OD	OUTSIDE DIAMETER
BM	BENCHMARK	PC	POINT OF CURVATURE
BOW	BACK OF SIDEWALK	PCC	POINT OF COMPOUND CURVE
BSMT	BASEMENT	PCC	PORTLAND CEMENT CONCRETE
C	CUT	PED	PEDESTAL
C&G	CURB AND GUTTER	PLE	PERMANENT LIMITED EASEMENT
C/C	CENTER TO CENTER	PVMT	PAVEMENT
CABC	CRUSHED AGGREGATE BASE COURSE	PE	PRIVATE ENTRANCE
CB	CATCH BASIN	PI	POINT OF INTERSECTION
CE	CONSTRUCTION ENTRANCE	PJF	PRE-FORMED JOINT FILLER
CI	CAST IRON PIPE	PL	PROPERTY LINE
CL	CENTERLINE	POC	POINT OF CURVE
CMP	CORRUGATED METAL PIPE	POT	POINT ON TANGENT
CNTY	COUNTY	PP	POLYETHYLENE
CO	CLEANOUT	PRC	POINT OF REVERSE CURVATURE
CONC	CONCRETE	PROJ	PROJECT
CONSTR	CONSTRUCTION	PROP	PROPOSED
CONSTR JT	CONSTRUCTION JOINT	PSI	POUND PER SQUARE INCH
CORP	CORPORATION	PT	POINT OF TANGENCY
CP	CONTROL POINT	PVC	POLYVINYL CHLORIDE
CTH	COUNTY TRUNK HIGHWAY	R	RANGE OR RADIUS
CTRL JT	CONTROL JOINT	RCP	REINFORCED CONCRETE PIPE
CTV	CABLE TV	REBAR	REINFORCEMENT BAR
CY	CUBIC YARD	REL	RELOCATE
D	DEPTH	REM	REMAINING
DIA	DIAMETER	REQD	REQUIRED
DI	DUCTILE IRON PIPE	RL	REFERENCE LINE
DISCH	DISCHARGE	ROW	RIGHT OF WAY
DW	DRIVEWAY	RP	REFERENCE POINT
E	EAST (SEE ELEC BELOW)	RR	RAILROAD
EA	EACH	RT	RIGHT
EB	EASTBOUND	RW	RETAINING WALL
EBS	EXCAVATION BELOW SUBGRADE	S	SOUTH
ECS	EXTERNAL CHIMNEY SEAL	SALV	SALVAGE
EL	ELEVATION	SAN	SANITARY
ELEC	ELECTRIC (E WHEN USED IN LINE STYLE)	SB	SOUTHBOUND
EMB	EMBANKMENT	SDWK	SIDEWALK
ENTR	ENTRANCE	SE	SOUTHEAST
EP	EDGE OF PAVEMENT	SF	SQUARE FEET
EW	ENDWALL	SHLDR	SHOULDER
EXC	EXCAVATION	SY	SQUARE YARD
EXIST	EXISTING	SS	STORM SEWER
F	FILL	SSD	STOPPING SIGHT DISTANCE
F/F	FACE TO FACE	ST	STREET
FDN	FOUNDATION	STA	STATION
FE	FIELD ENTRANCE	STD	STANDARD
FERT	FERTILIZER	STH	STATE HIGHWAY TRUNK
FIN GR	FINISHED GRADE	STM	STORM
FL	FLOWLINE	STP	SEWAGE TREATMENT PLANT
FO	FIBER OPTIC	STRUCT	STRUCTURE OR STRUCTURAL
FOW	FRONT OF SIDEWALK	SW	SOUTHWEST
FT	FOOT	TAN	TANGENT
FTG	FOOTING	T	TOWN (T WHEN USED FOR TELEPHONE LINE)
G	GAS	TEL	TELEPHONE
GV	GAS VALVE	TEMP	TEMPORARY
GW	GUY WIRE	TLE	TEMPORARY LIMITED EASEMENT
HDPE	HIGH DENSITY POLYETHYLENE	TOC	TOP OF CURB
HR	HANDICAP RAMP	TOW	TOP OF WATER
HSE	HOUSE	TRANS	TRANSITION
HT	HEIGHT	TYP	TYPICAL
HYD	HYDRANT	UG	UNDERGROUND
I	INTERSECTION ANGLE	USH	US HIGHWAY
ICS	INTERNAL CHIMNEY SEAL	VC	VERTICAL CURVE
ID	INSIDE DIAMETER	VERT	VERTICAL
IN	INCH	VOL	VOLUME
INL	INLET	VPC	VERTICAL POINT OF CURVATURE
INTERS	INTERSECTION	VPI	VERTICAL POINT OF INTERSECTION
INV	INVERT	VPRC	VERTICAL POINT OF REVERSE CURVE
IP	IRON PIPE OR PIN	VPT	VERTICAL POINT OF TANGENCY
JCT	JUNCTION	W	WEST
L	LENGTH (OF CURVE)	WB	WESTBOUND
LC	LONG CHORD OF CURVE	WM	WATERMAIN
LP	LIGHTPOLE	WSO	WATER SHUTOFF VALVE
LS	LIFT STATION OR LUMP SUM	WTP	WATER TREATMENT PLANT
LT	LEFT	WV	WATER VALVE
MAINT	MAINTENANCE	WWTP	WASTE WATER TREATMENT PLANT
MATL	MATERIAL	YD	YARD
MB	MAILBOX		
MH	MANHOLE		
MP	MARKER POST		

MAPPING & TOPOGRAPHY SYMBOLOGY

DESCRIPTION	SYMBOL	
	EXISTING	PROPOSED
BENCHMARK		
BUSH		
CATCH BASIN/INLET		
CABLE TV BOX		
CONTROL POINT		
ELECTRICAL BOX		
EROSION CONTROL - INLET		
FIELD INLET		
GAS VALVE		
HEDGE		
HYDRANT		
IRON PIPE		
LIGHTPOLE		
MAILBOX		
MANHOLE ELECTRIC		
MANHOLE SANITARY		
MANHOLE STORM		
MONITORING WELL		
POWER POLE		
LIGHT POLE		
SIGN		
SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE		
SIGNAL HEAD, TRAFFIC SIGNAL POLE, TRANSFORMER BASE		
SOIL BORING		
STUMP		
TELEPHONE MANHOLE		
TELEPHONE PEDESTAL		
TREE		
WELL		
WATER SERVICE VALVE		
BUTTERFLY WATER VALVE		
WATER VALVE		

GENERAL CONSTRUCTION NOTES:

- ALL ELEVATIONS ARE REFERENCED TO NAVD 88.
- THE WORK UNDER THIS CONTRACT SHALL BE IN ACCORDANCE WITH THE CITY OF DE PERE, CURRENT CONSTRUCTION SPECIFICATIONS AND THESE SPECIAL PROVISIONS AND PLANS, AND THE LATEST ADDITION OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION STANDARDS SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION SPECIFICATIONS, LATEST EDITION, WHERE REFERENCED IN THE CITY SPECIFICATIONS.
- ALL EROSION CONTROL MEASURES SHALL BE IN PLACE PRIOR TO CONSTRUCTION AND SHALL CONFIRM TO THE WISCONSIN DEPARTMENT OF NATURAL RESOURCES CONSTRUCTION SITE EROSION CONTROL AND TECHNICAL STANDARDS.
- EXISTING UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING EXACT LOCATIONS AND ELEVATIONS OF ALL UTILITIES. WHETHER SHOWN OR NOT, FROM THE OWNERS OF THE RESPECTIVE UTILITIES. ALL UTILITIES OWNERS SHALL BE NOTIFIED BY THE CONTRACTOR 72 HOURS PRIOR TO EXCAVATION.

MAPPING & TOPOGRAPHY SYMBOLOGY

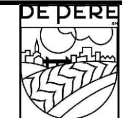
DESCRIPTION	SYMBOL	
	PLAN	
EXISTING SANITARY SEWER LINE	(SIZE AND MATERIAL) San	
PROPOSED SANITARY SEWER LINE	100'-8" PVC SAN San	
EXISTING STORM SEWER LINE	(SIZE AND MATERIAL) ST	
PROPOSED STORM SEWER LINE	100'-8" PVC STM ST	
EXISTING WATER MAIN LINE	(SIZE AND MATERIAL) W	
PROPOSED WATER MAIN LINE	100'-8" PVC WM (TEE-BEND) W	
EXISTING ELECTRICAL LINE	E	
EXISTING GAS MAIN LINE	G	
EXISTING TELEPHONE LINE	T	
EXISTING CABLE TV LINE	TV	
EXISTING SANITARY LATERAL	San	
EXISTING WATER SERVICE	W	
RIGHT OF WAY	ROW	
PROPERTY LINE	PL	
EASEMENT	ESM	
SILT FENCE EROSION CONTROL		
EXISTING FIBER OPTIC	FO	
EXISTING MAJOR CONTOUR	615	
EXISTING MINOR CONTOUR	612	
PROPOSED MAJOR CONTOUR	615	
PROPOSED MINOR CONTOUR	612	

PROFILE

EXISTING SANITARY SEWER LINE	(SIZE AND MATERIAL)
PROPOSED SANITARY SEWER LINE	100'-8" PVC SAN @ 0.40%
EXISTING STORM SEWER LINE	(SIZE AND MATERIAL)
PROPOSED STORM SEWER LINE	100'-8" PVC STM @ 1.0%
EXISTING WATER MAIN LINE	(SIZE AND MATERIAL)
PROPOSED WATER MAIN LINE	PROPOSE 8" PVC WM

PATCH SYMBOLS

ASPHALTIC CONCRETE PAVEMENT		CRUSHED AGGREGATE BASE COURSE	
PORTLAND CEMENT CONCRETE			



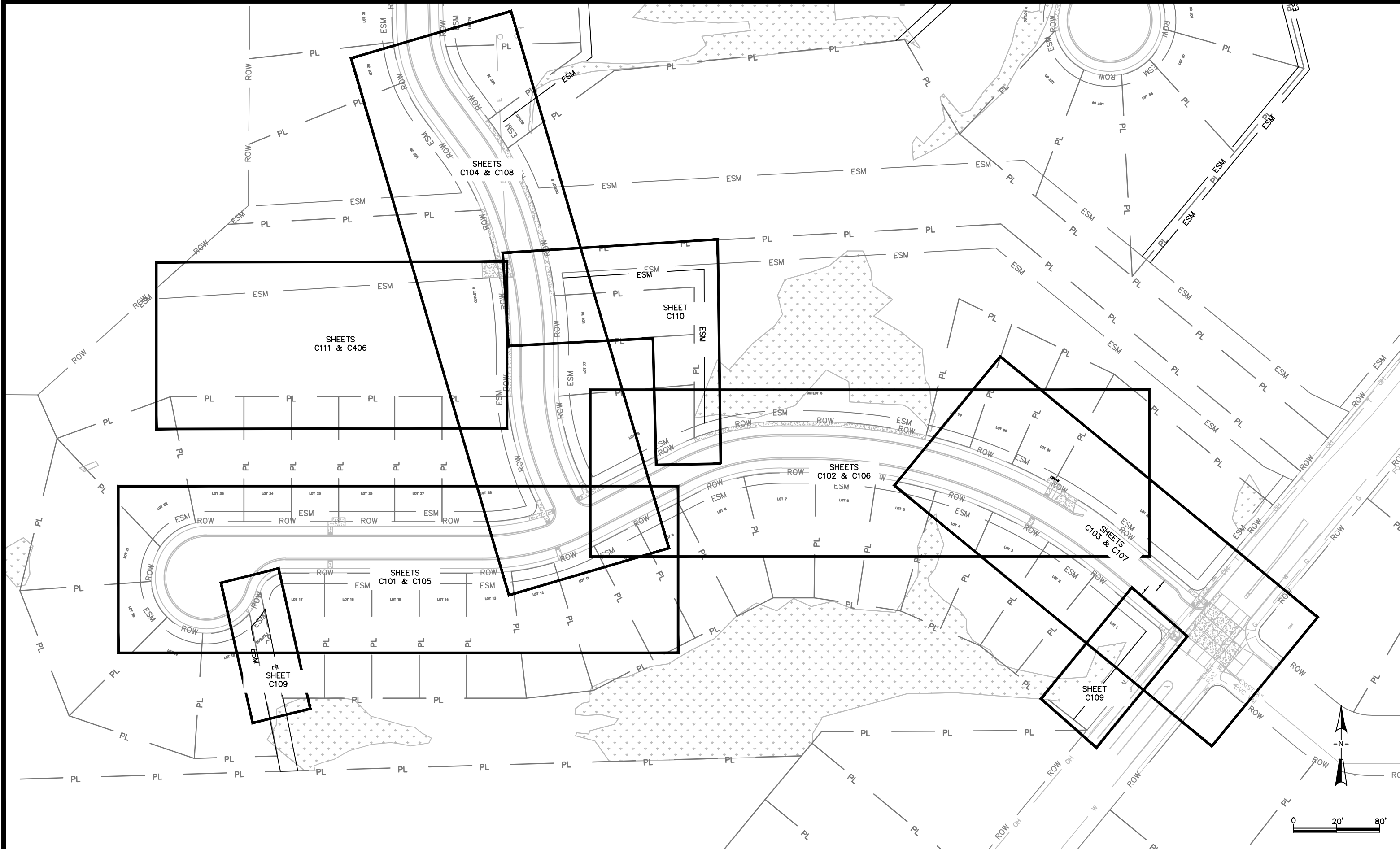
CITY OF DE PERE

ENGINEERING DIVISION 925 S. SIXTH ST DE PERE WI 54115
OFFICE 920-339-4060 FAX 920-339-4071

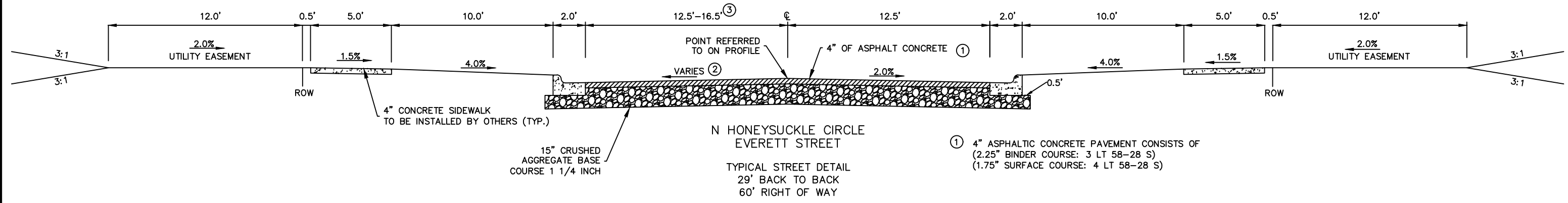
STANDARD ABBREVIATIONS
AND SYMBOLS

NAME: KINGSTON PRESERVE UTILITY
AND STREET CONSTRUCTION
PROJECT # 23-04

	BY	DATE	REVISIONS / ISSUES				PAGE NO.
			NO.	DATE	BY	REMARKS	
SURVEYED							G002
DRAWN	KAD	01-2022					
DESIGNED							
CHECKED							



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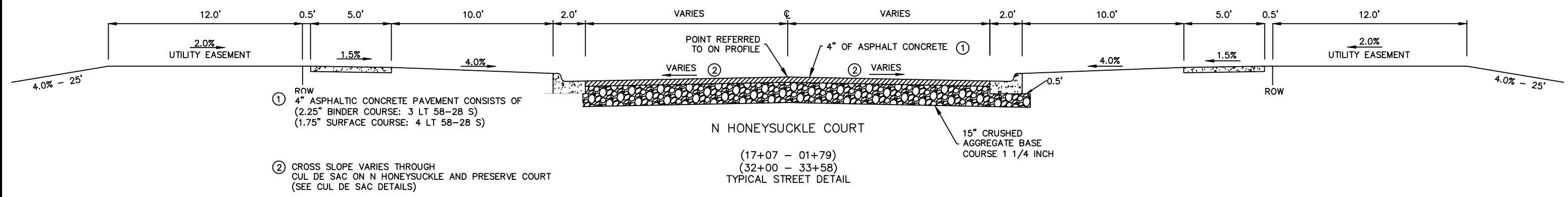


2 CROSS SLOPE VARIES AS FOLLOWS:

STATION	STATION	SLOPE
12+25	12+50	TRANSITION 2.0% TO 1.0%
12+50	13+00	1.0%

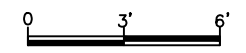
3 STREET WIDTH VARIES AS FOLLOWS:

STATION	STATION	WIDTH
11+26	11+38	VARIES 12.5' TO 16.5'
11+38	12+75	16.5'
12+75	12+86	VARIES 16.5' TO 12.5'



1 4" ASPHALTIC CONCRETE PAVEMENT CONSISTS OF
(2.25" BINDER COURSE: 3 LT 58-28 S)
(1.75" SURFACE COURSE: 4 LT 58-28 S)

2 CROSS SLOPE VARIES THROUGH
CUL DE SAC ON N HONEYSUCKLE AND PRESERVE COURT
(SEE CUL DE SAC DETAILS)



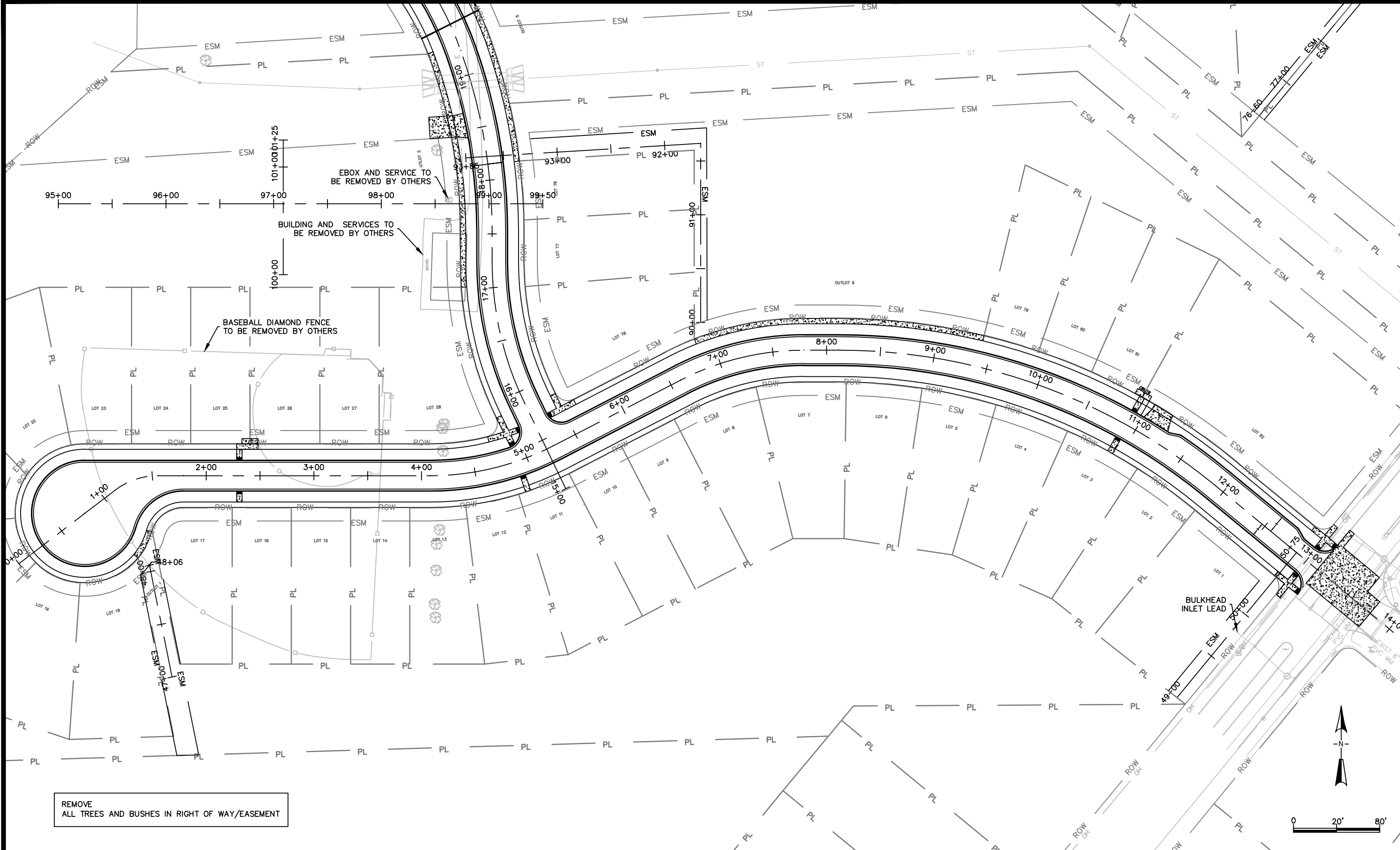
CITY OF DE PERE
ENGINEERING DIVISION 925 S. SIXTH ST DE PERE WI 54115
OFFICE 920-339-4061 FAX 920-339-4071

KINGSTON PRESERVE
TYPICAL SECTIONS

NAME: KINGSTON PRESERVE UTILITY AND STREET CONSTRUCTION
PROJECT # 23-04

		REVISIONS / ISSUES			
		NO.	DATE	BY	REMARKS
SURVEYED	REL		09-2022		
DRAWN	MAL		11-2022		
DESIGNED	MAL & EPR		11-2022		
CHECKED	EPR		11-2022		

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REMOVE
ALL TREES AND BUSHES IN RIGHT OF WAY/EASEMENT



CITY OF DE PERE

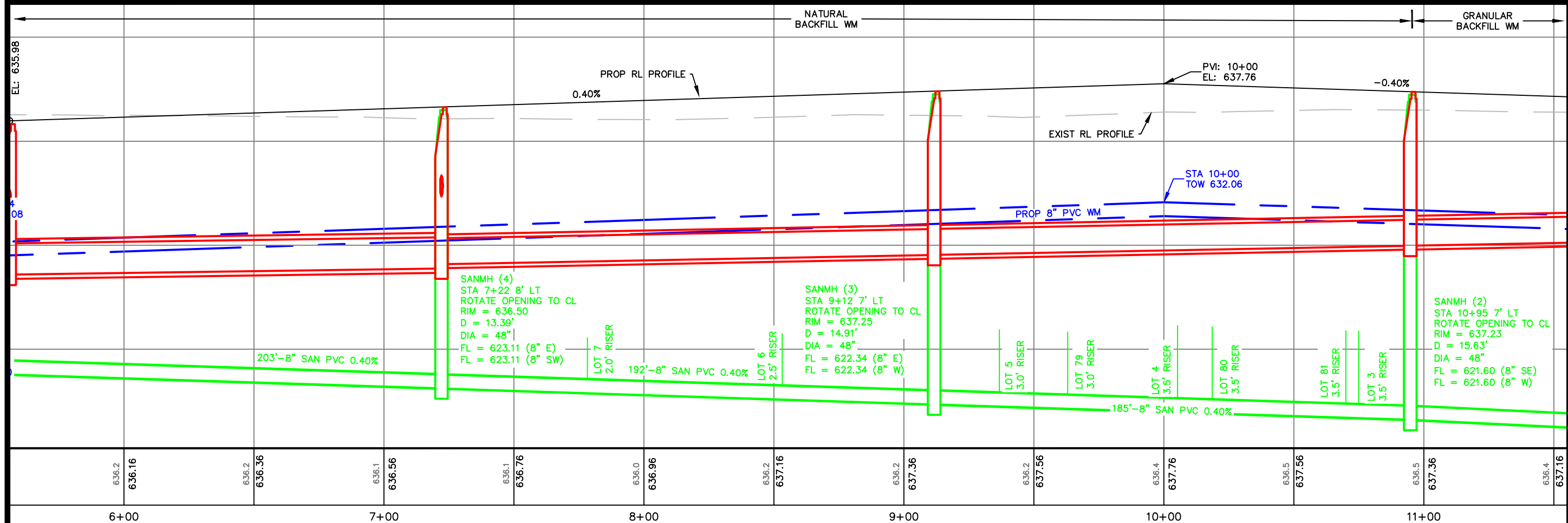
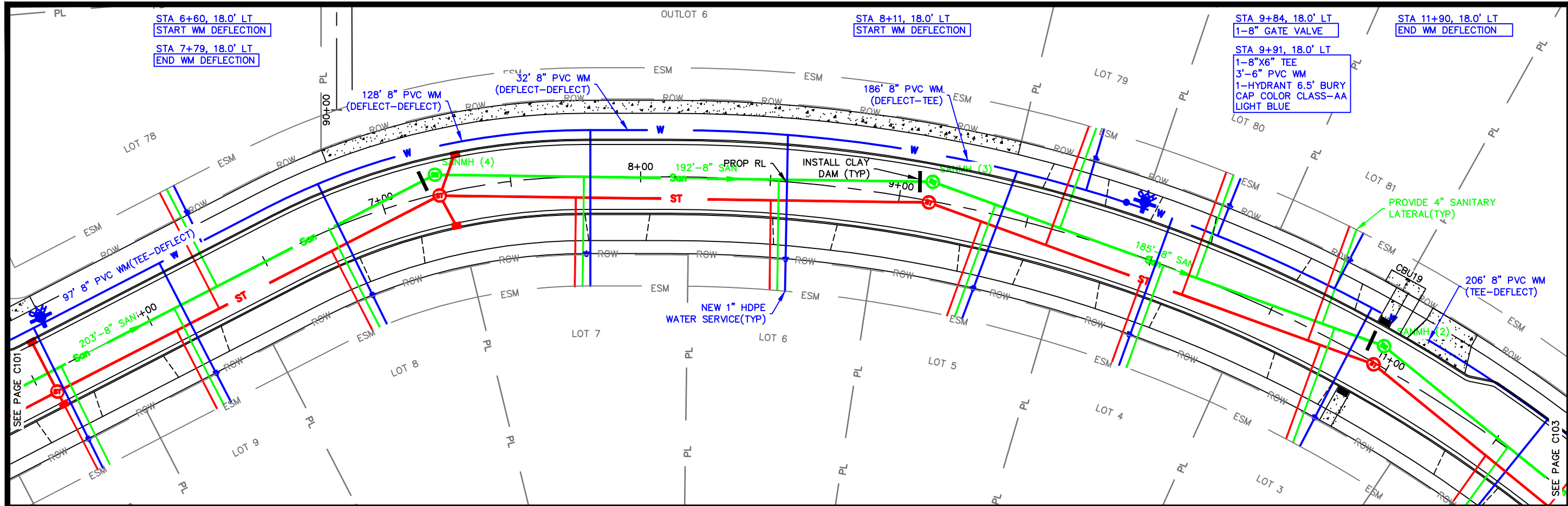
ENGINEERING DIVISION 925 S. SIXTH ST DE PERE WI 54115
OFFICE 920-339-4061 FAX 920-339-4071

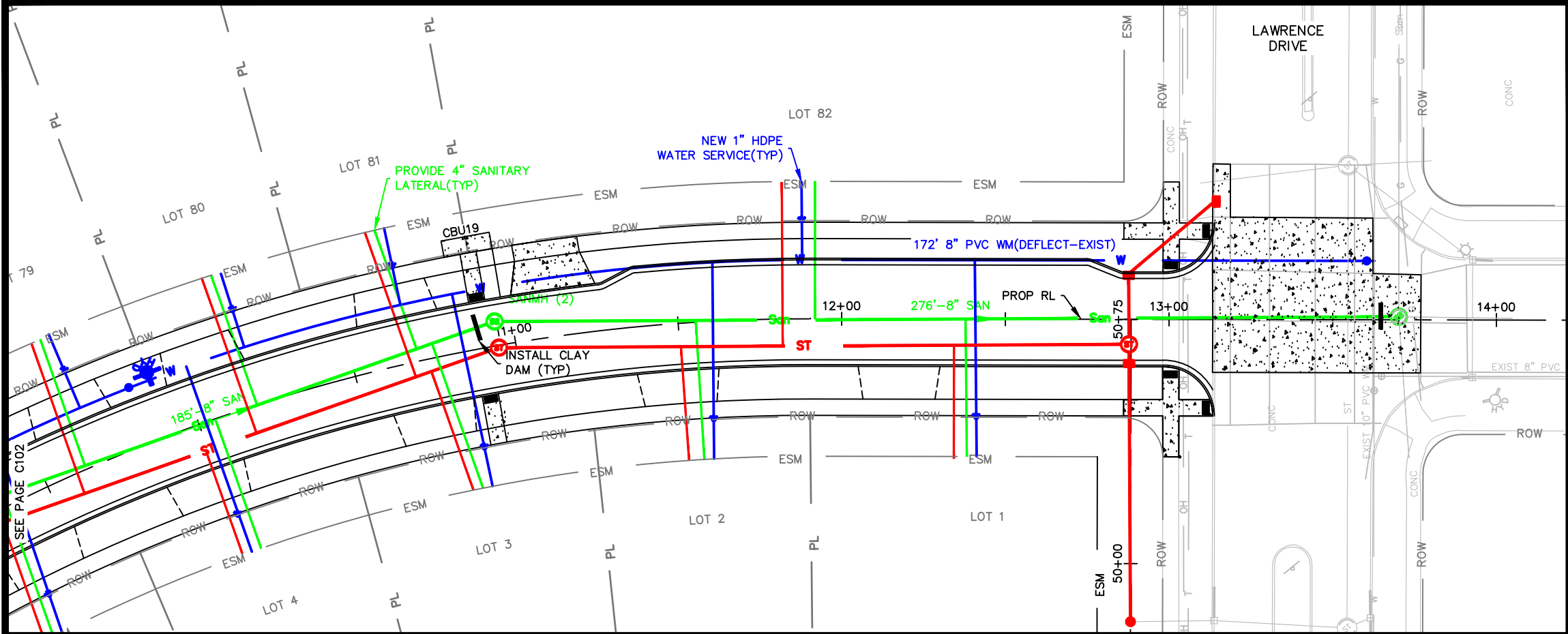
KINGSTON PRESERVE
DEMOLITION PLAN
PHASE 1

NAME:
KINGSTON PRESERVE UTILITY
AND STREET CONSTRUCTION
PROJECT # 23-04

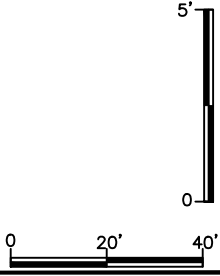
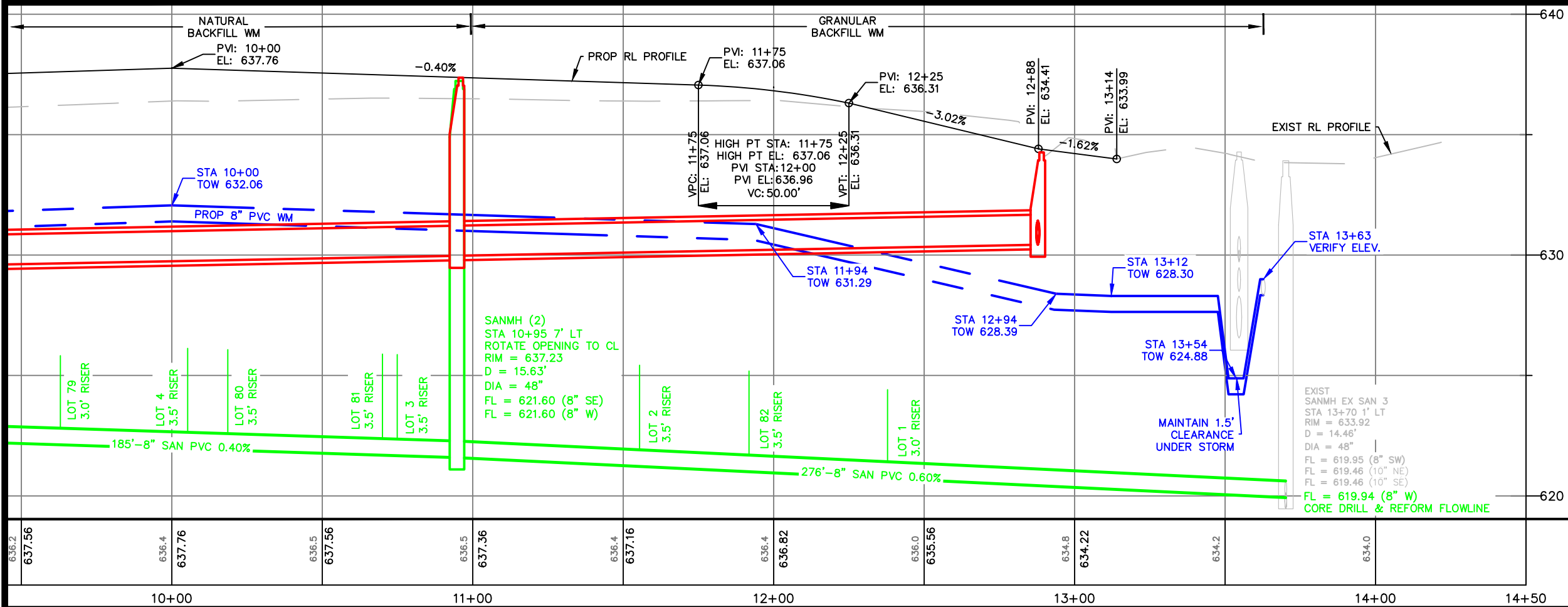
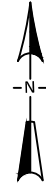
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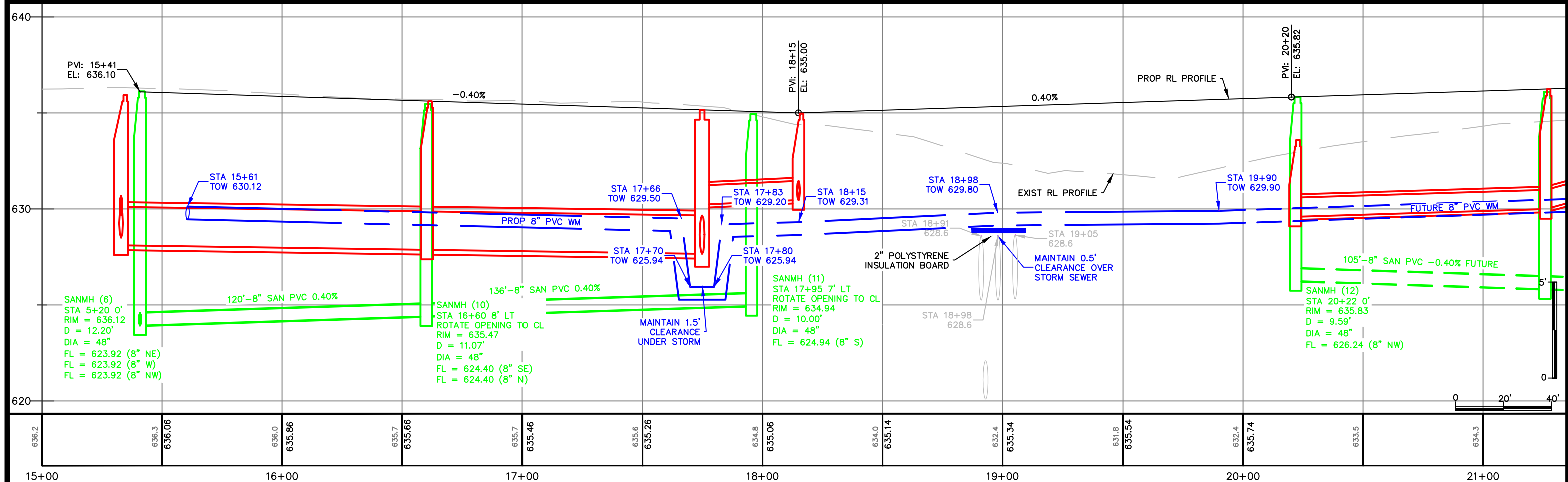
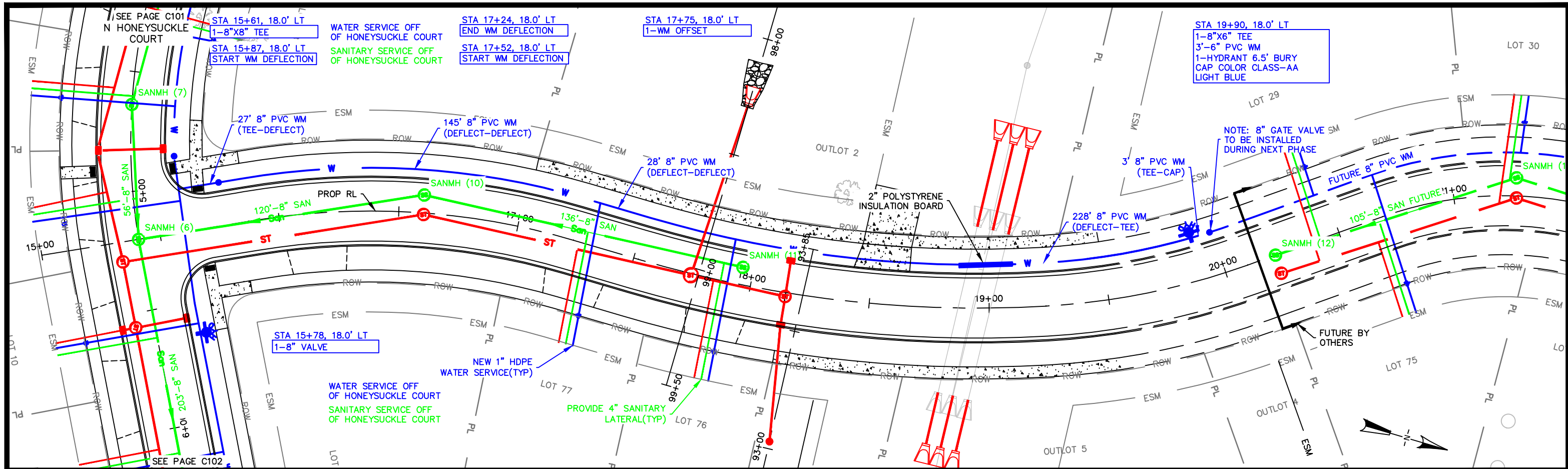
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NO.	DATE	BY	REMARKS

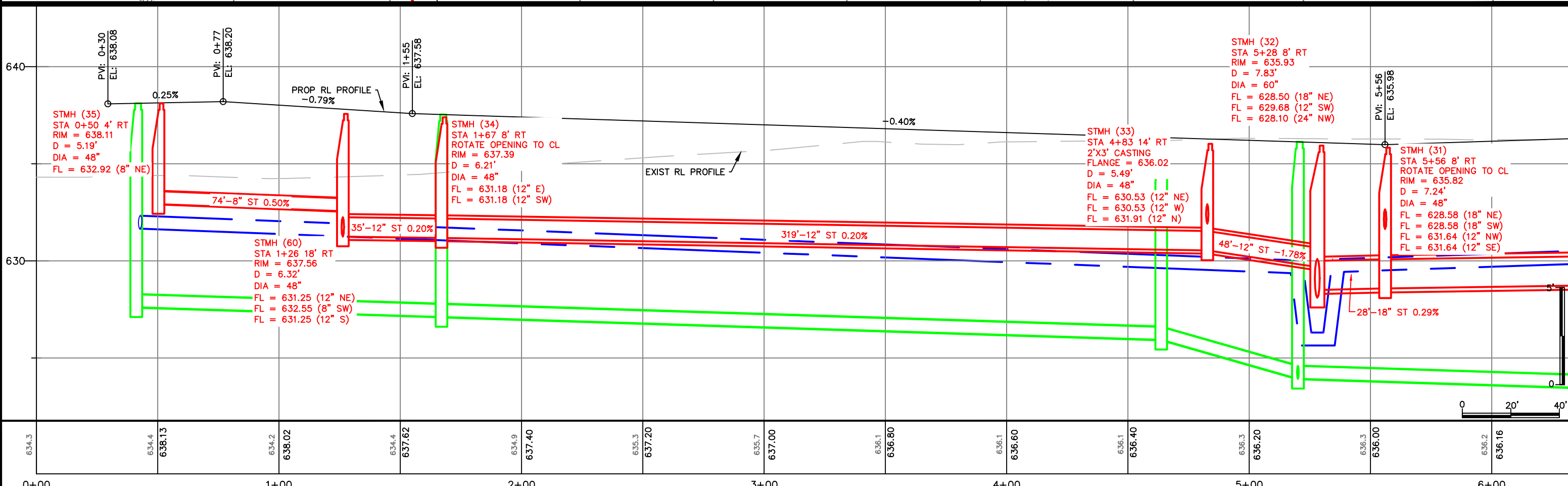
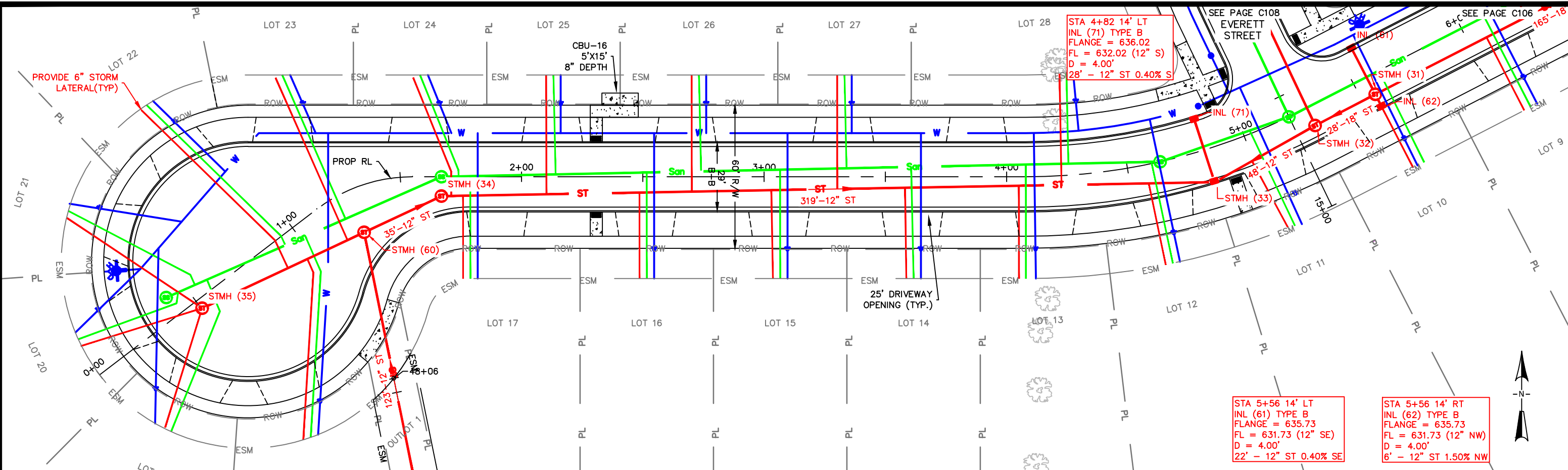




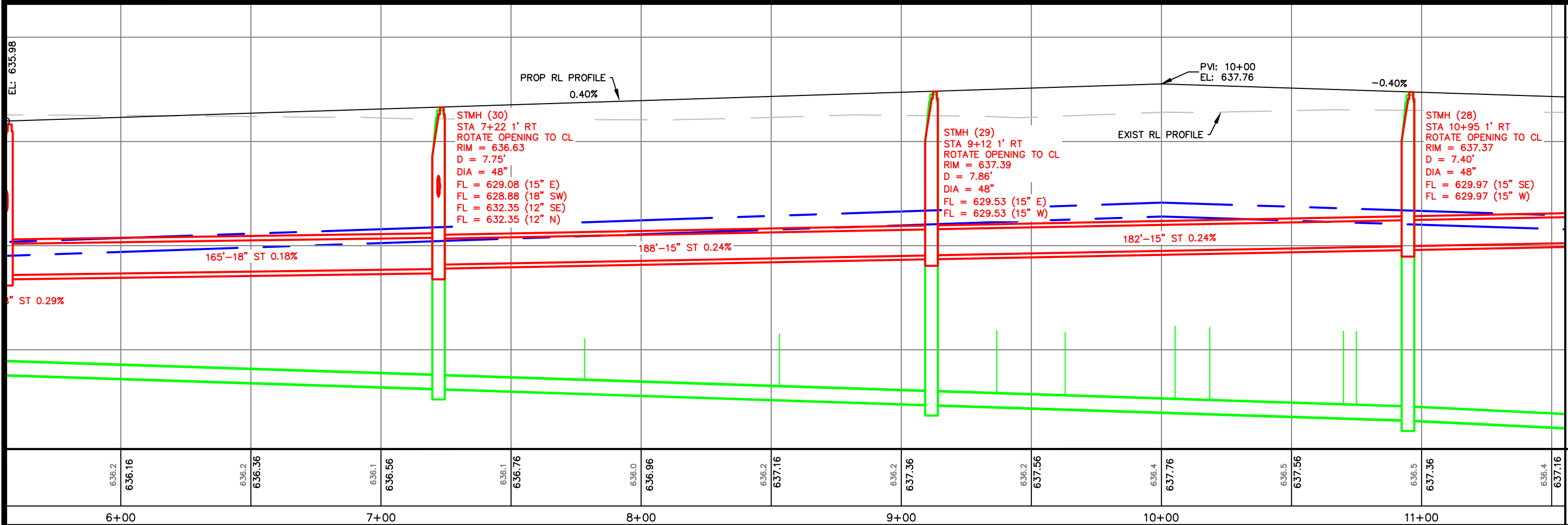
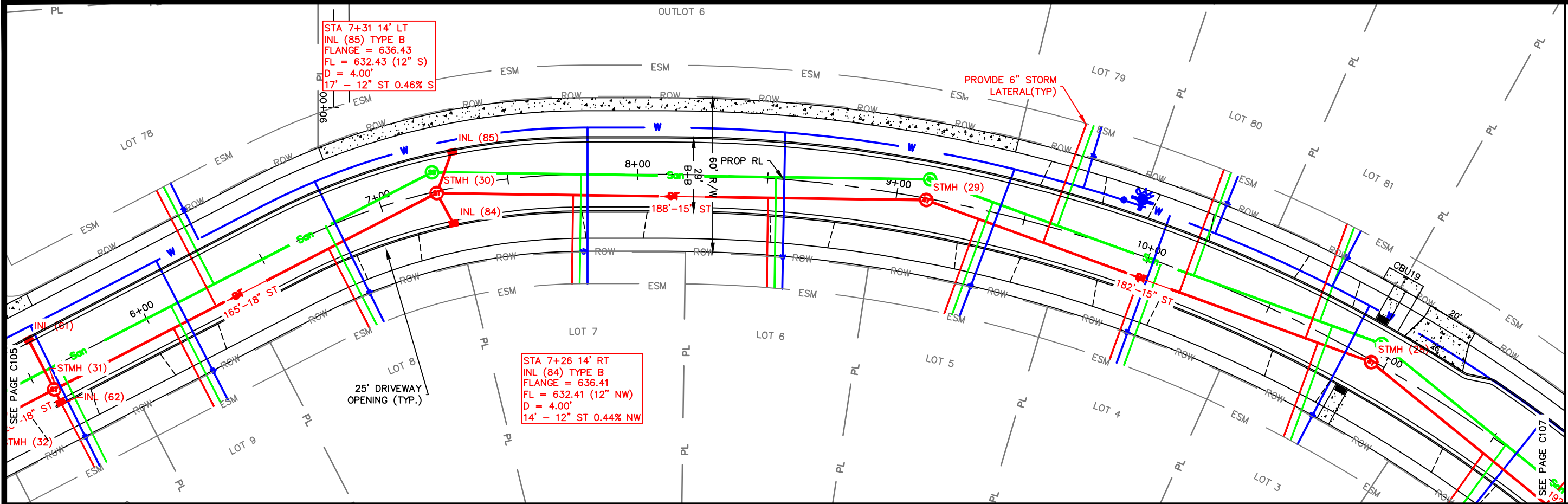
STA 13+54, 18.0' LT
1-VERTICAL OFFSET
STA 13+63, 18.0' LT
1-8" VALVE WITH
TAPPING TEE OR
CUT-IN-TEE WITH VALVE

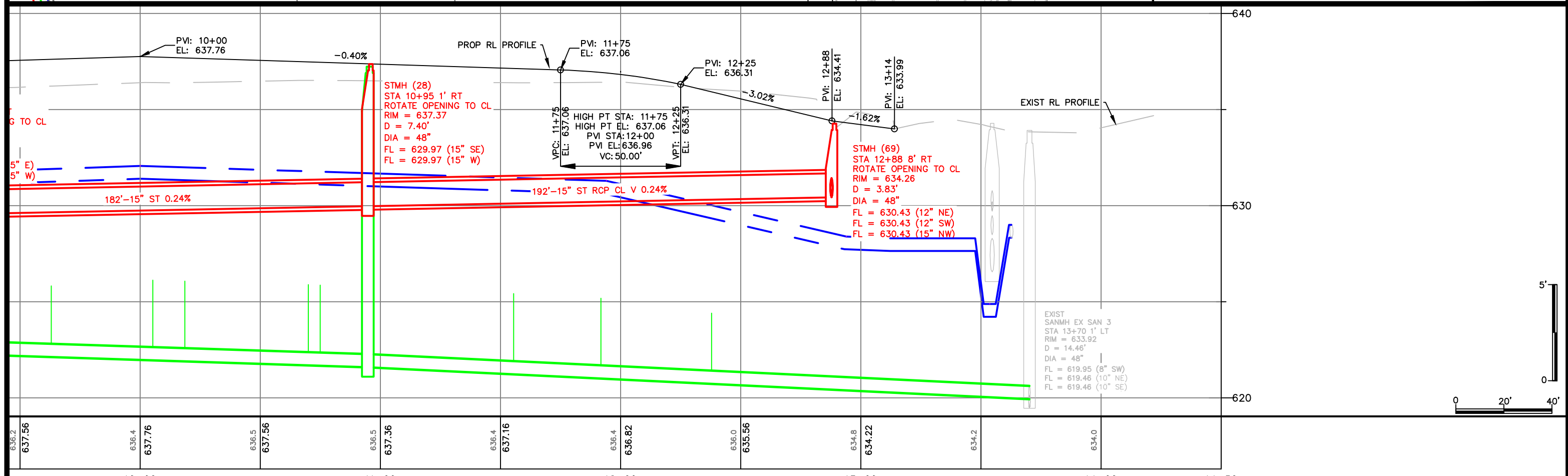
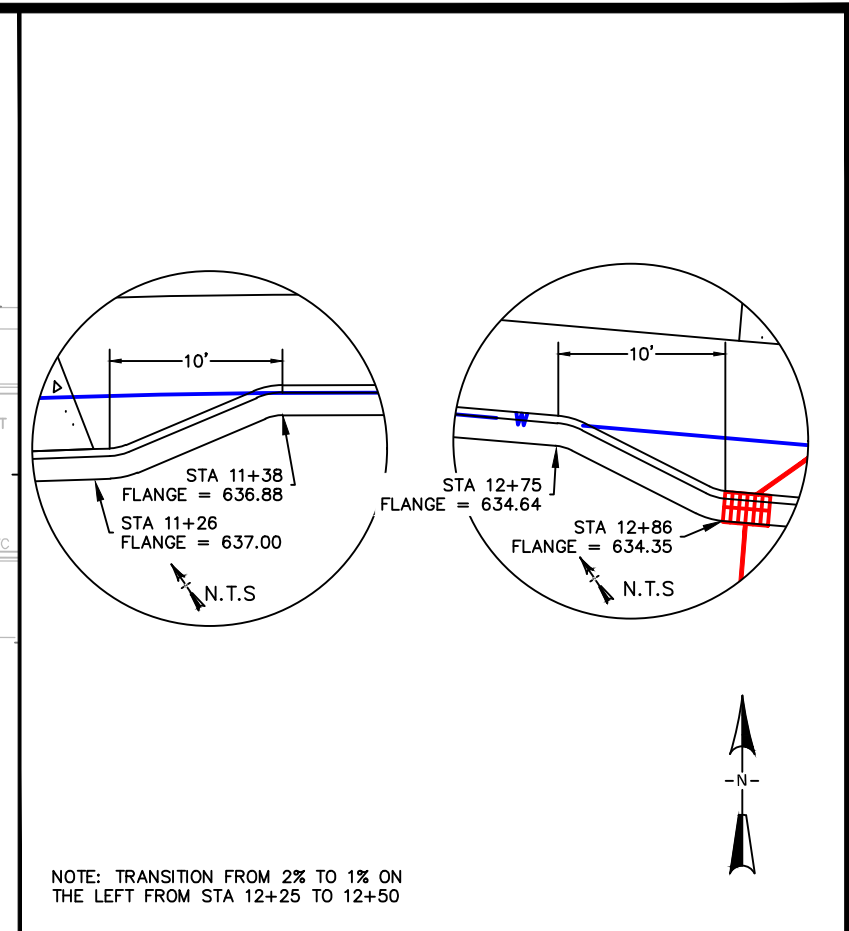
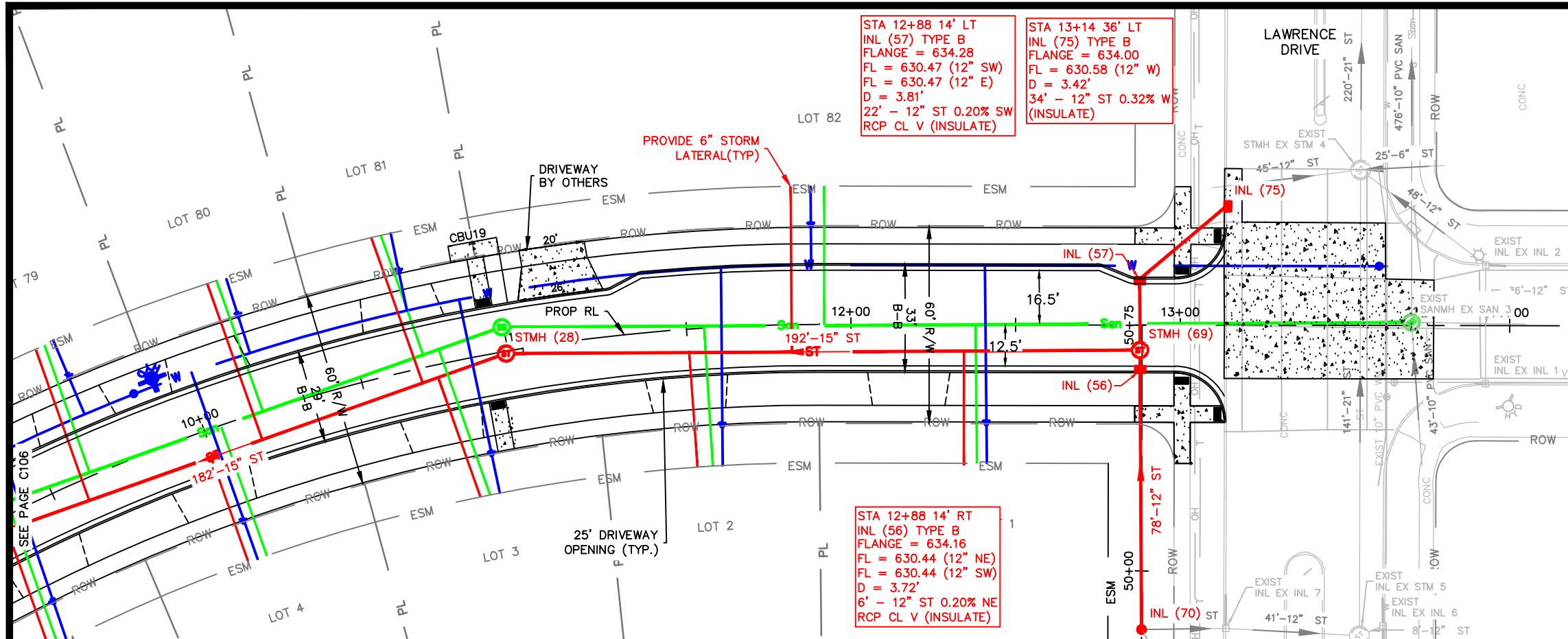


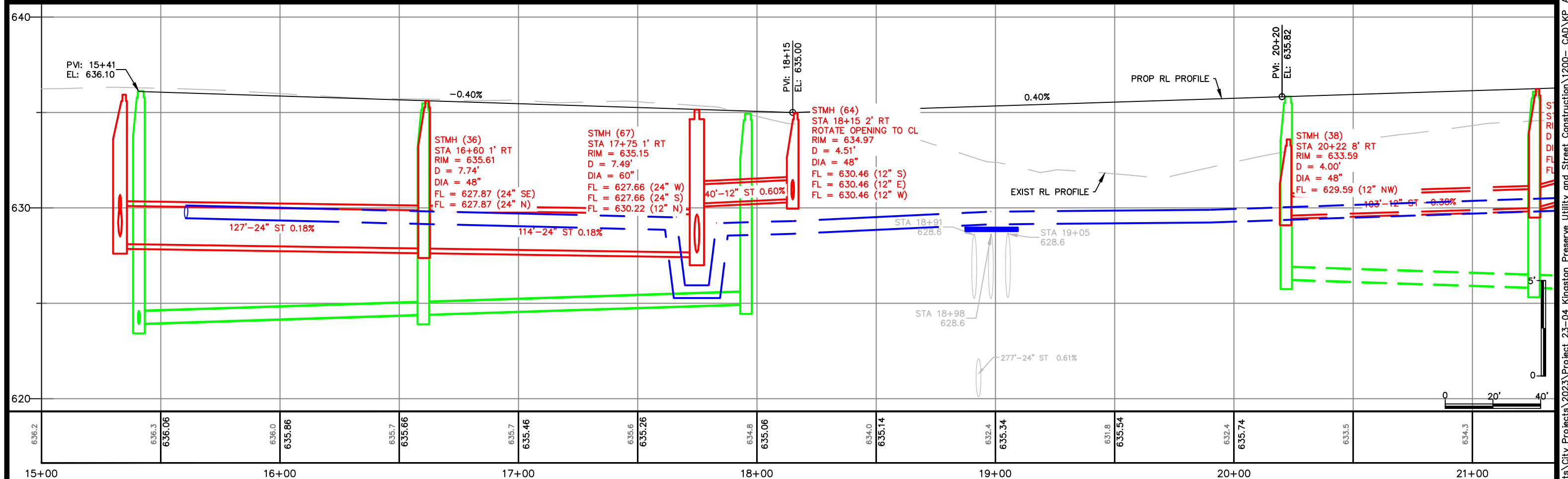
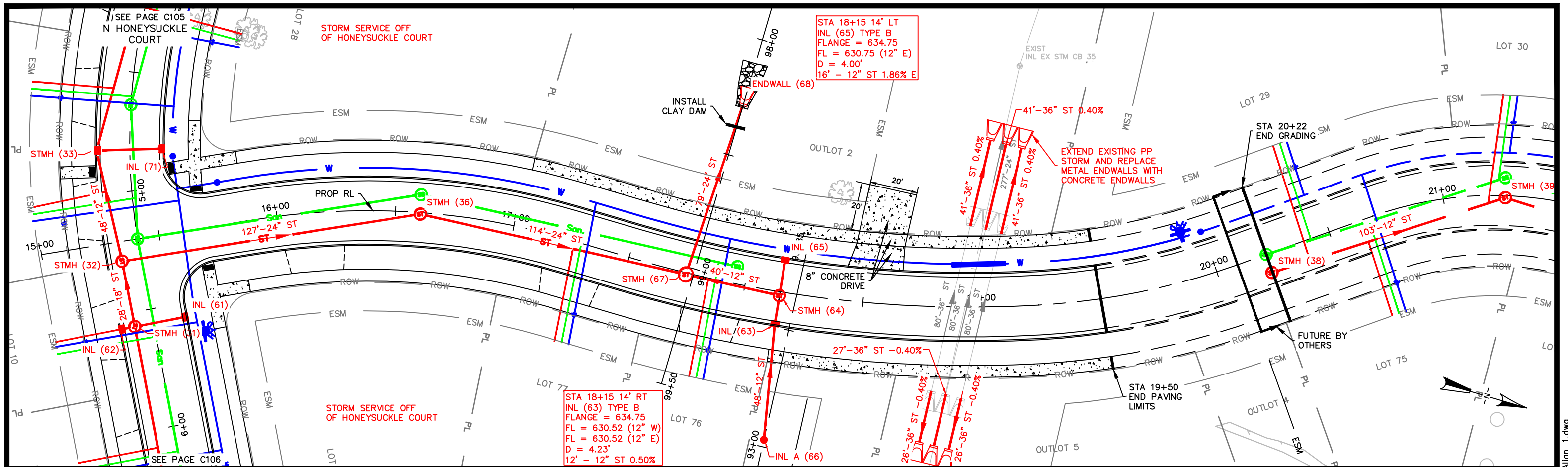


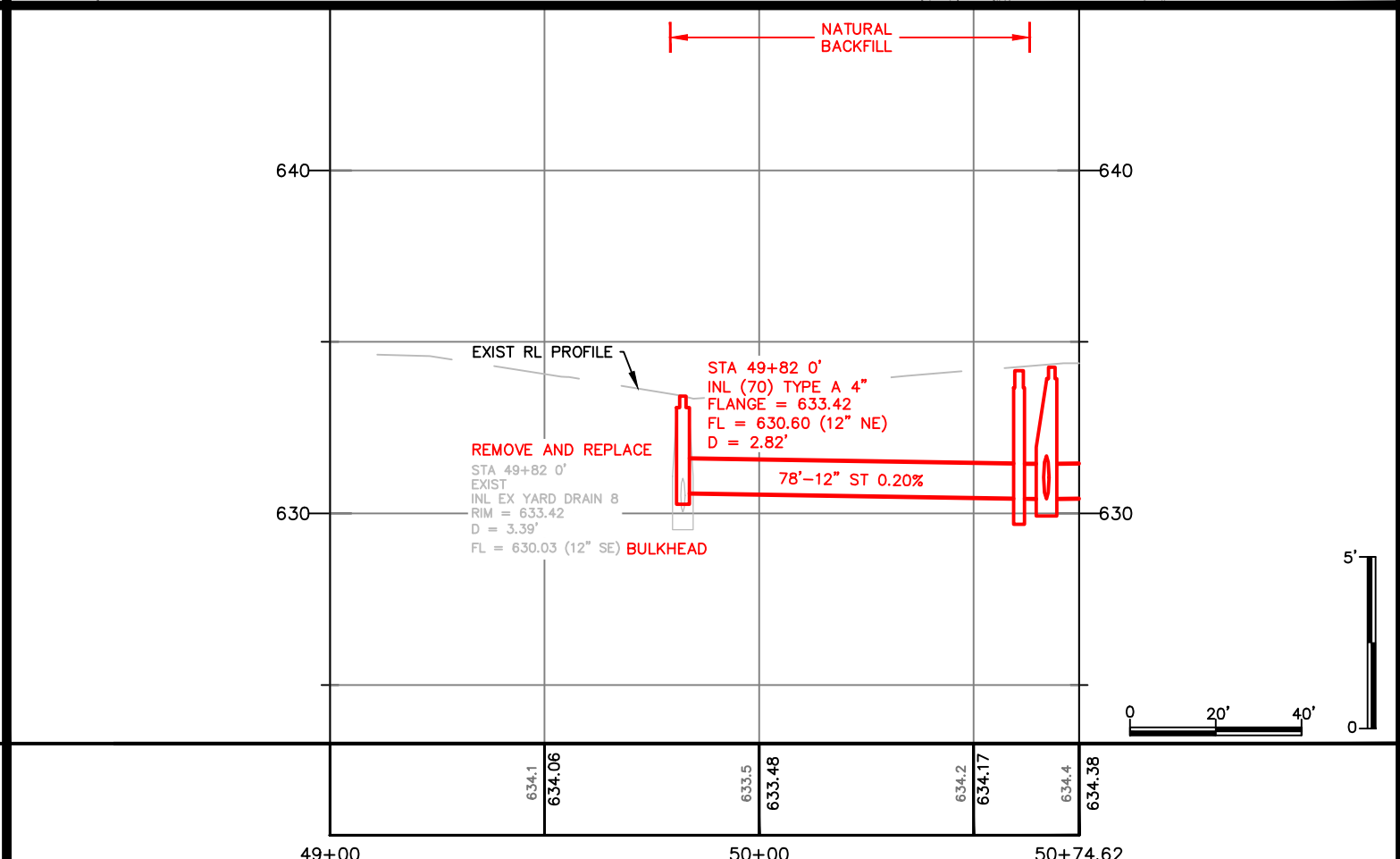
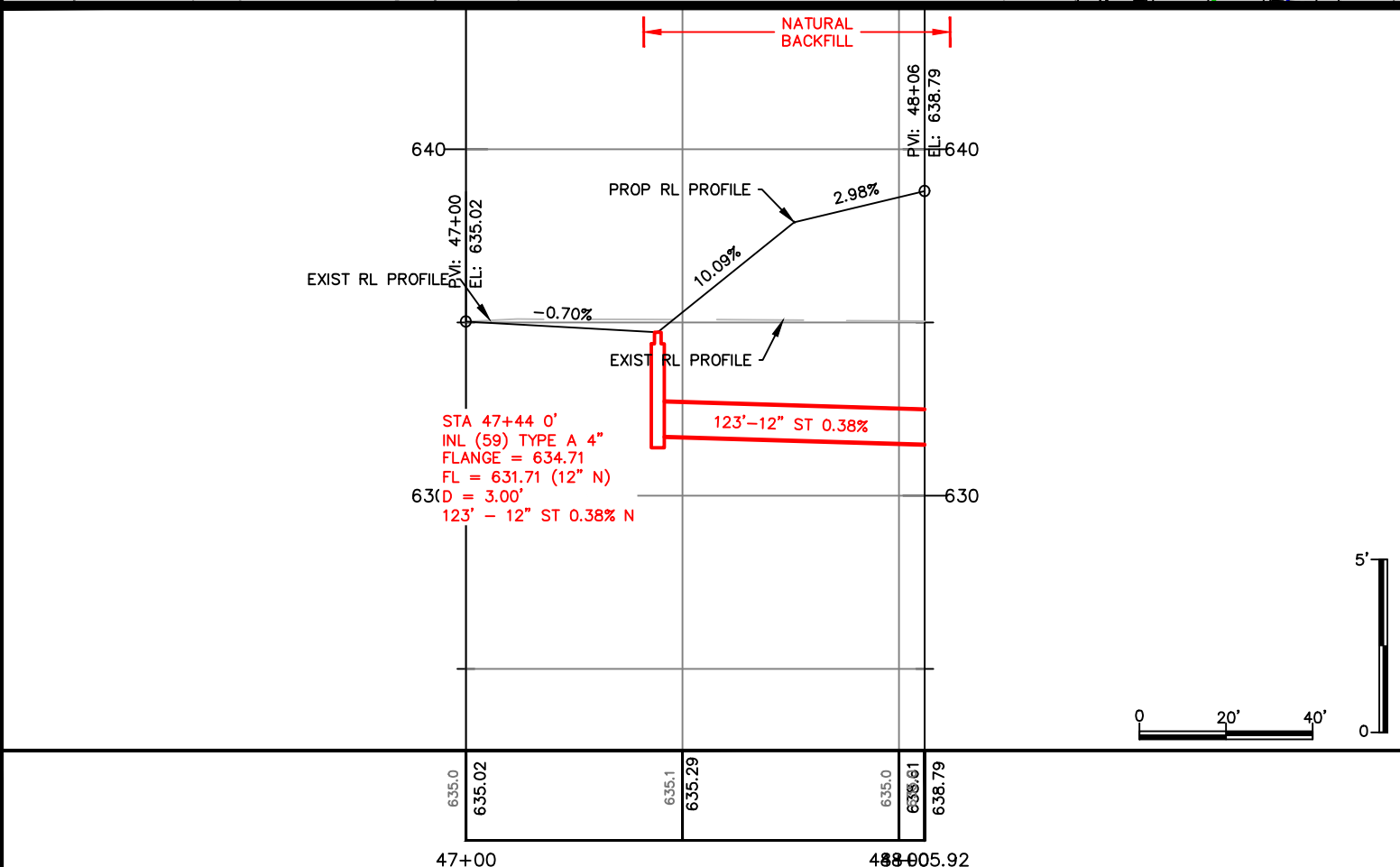
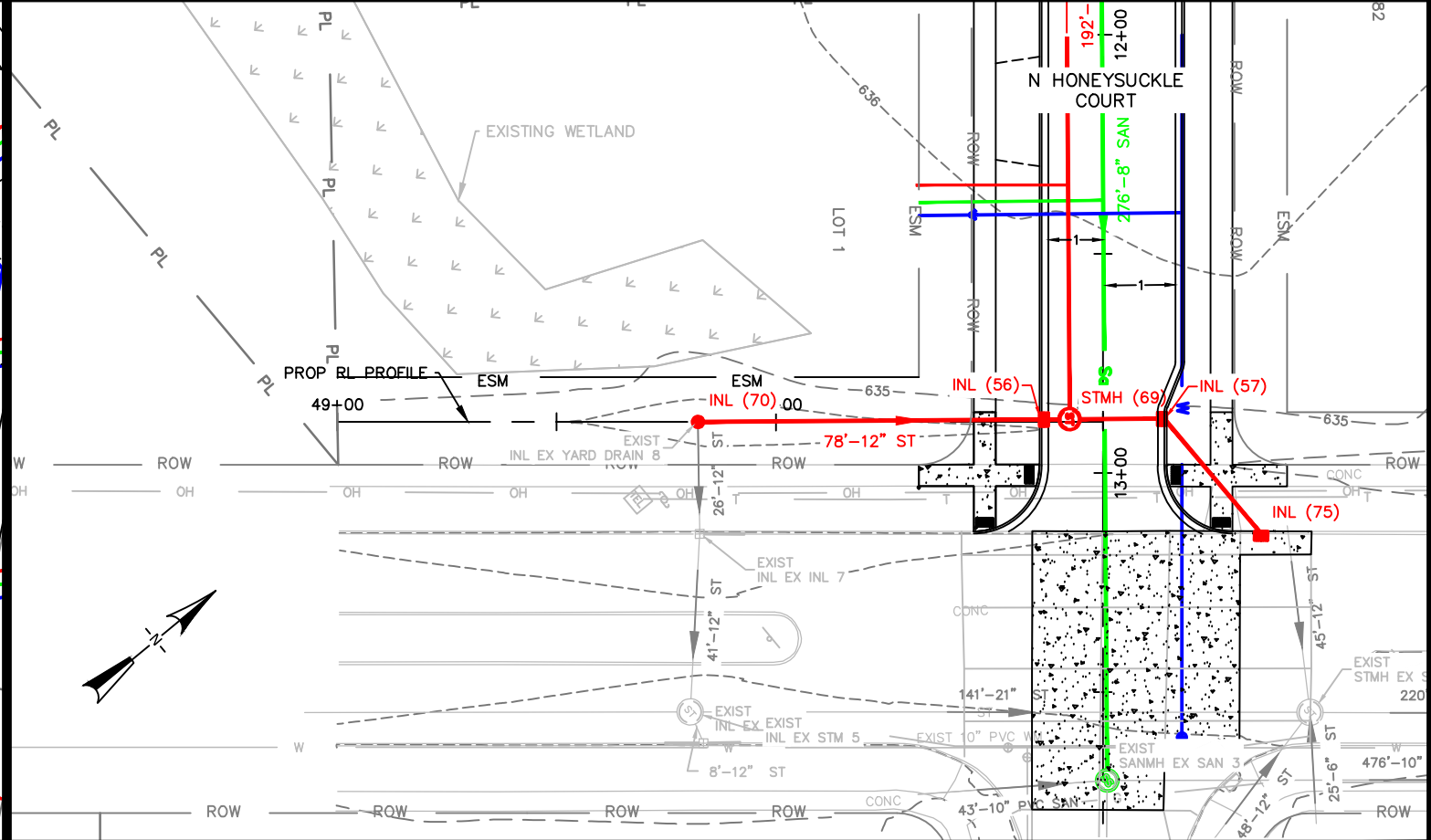
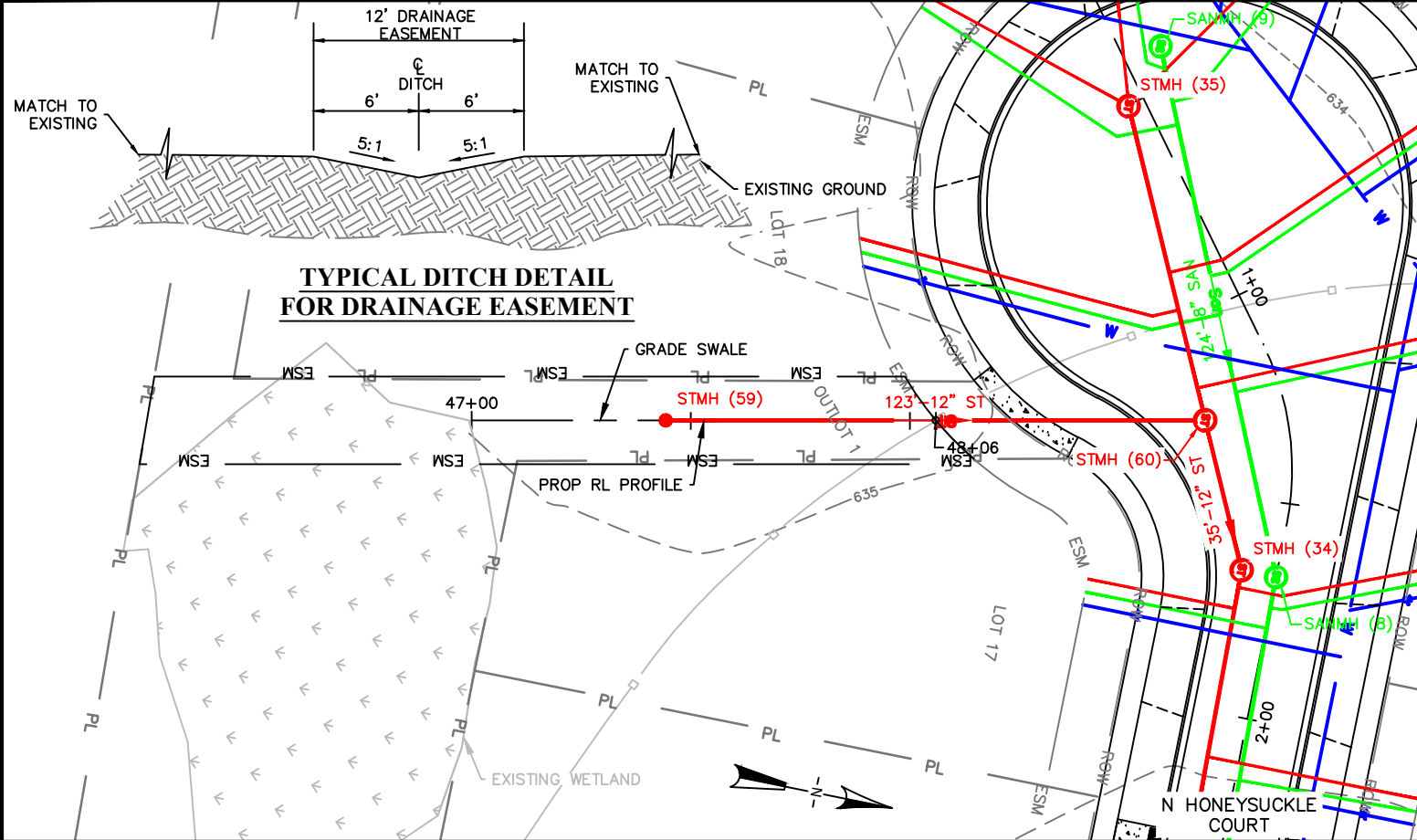


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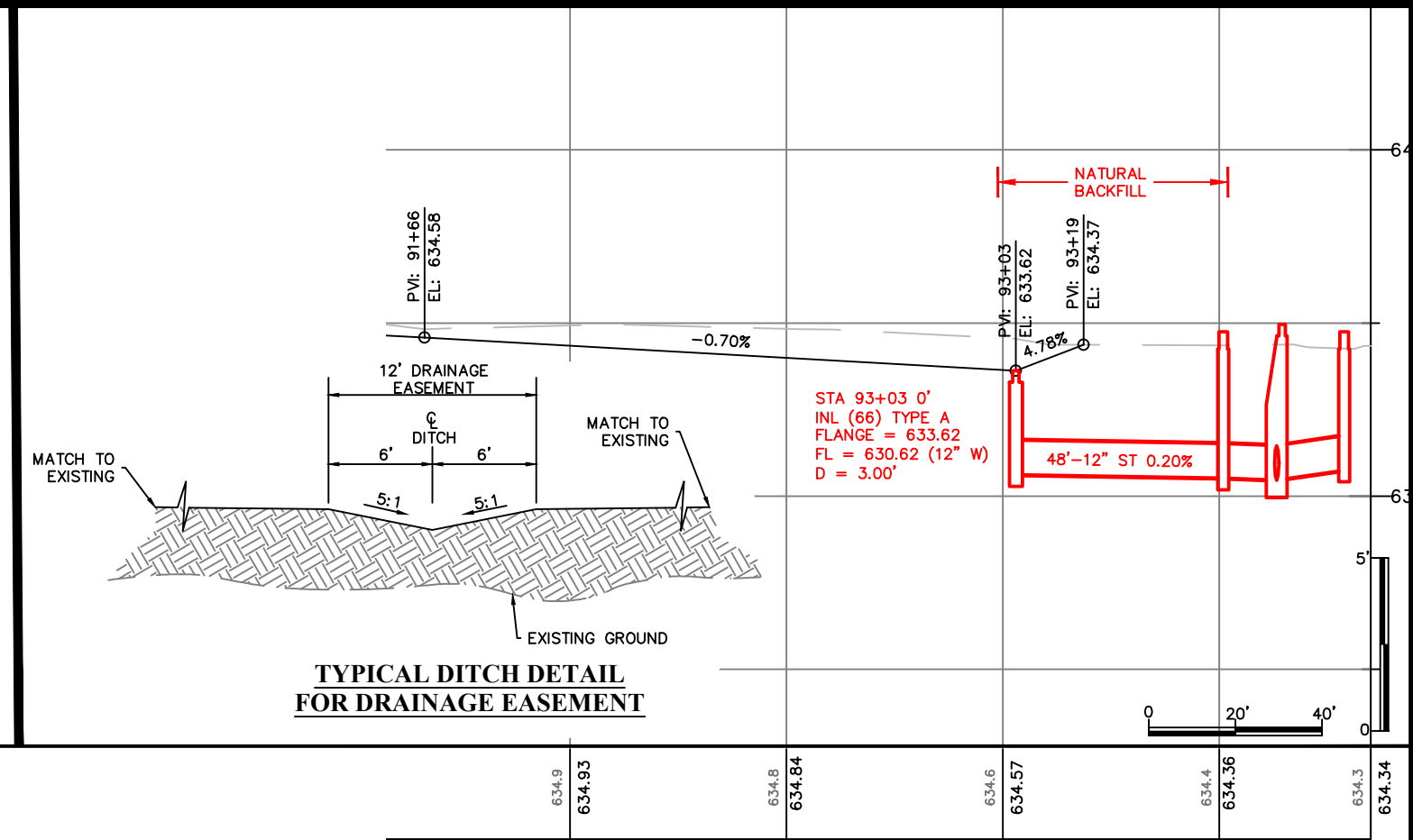
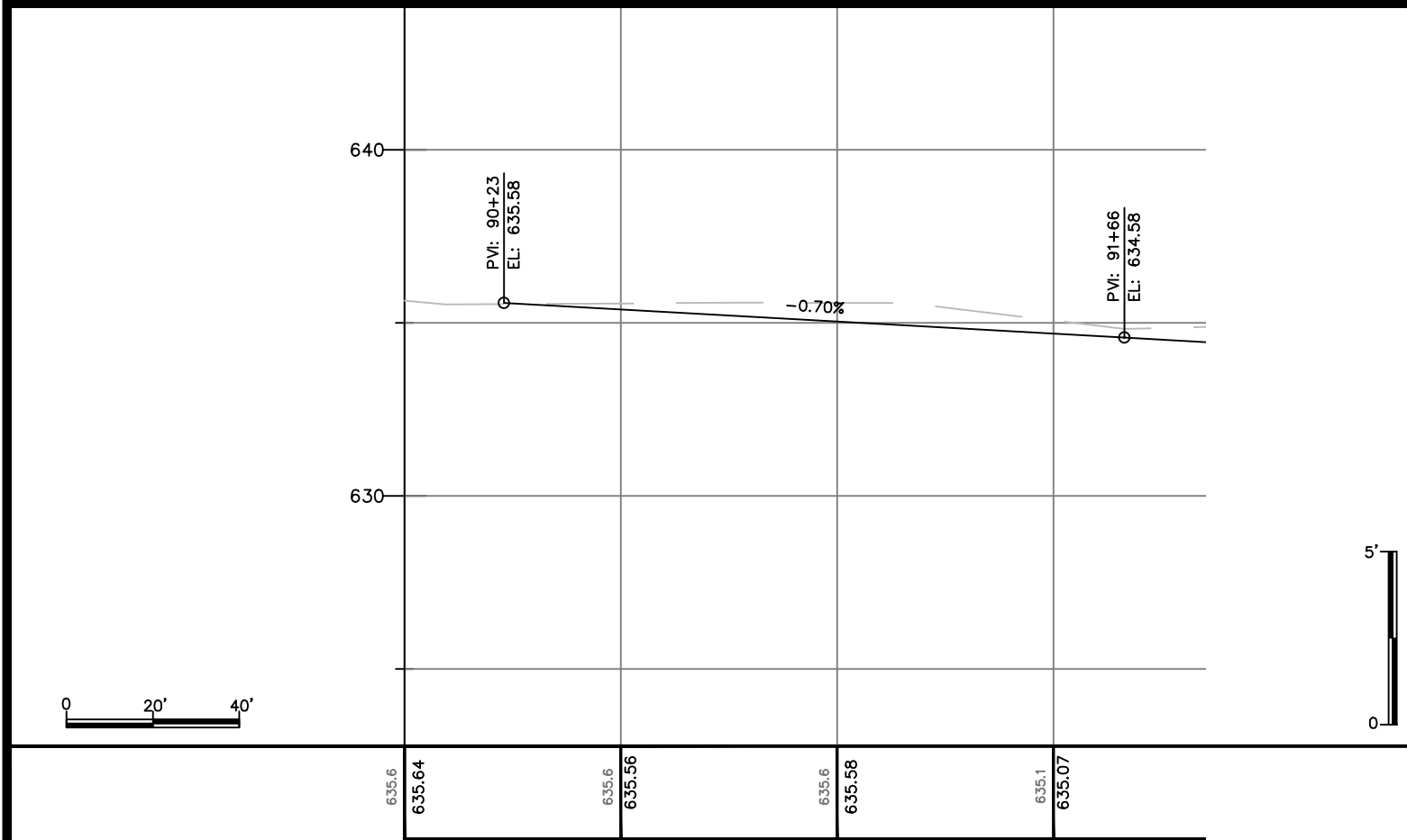
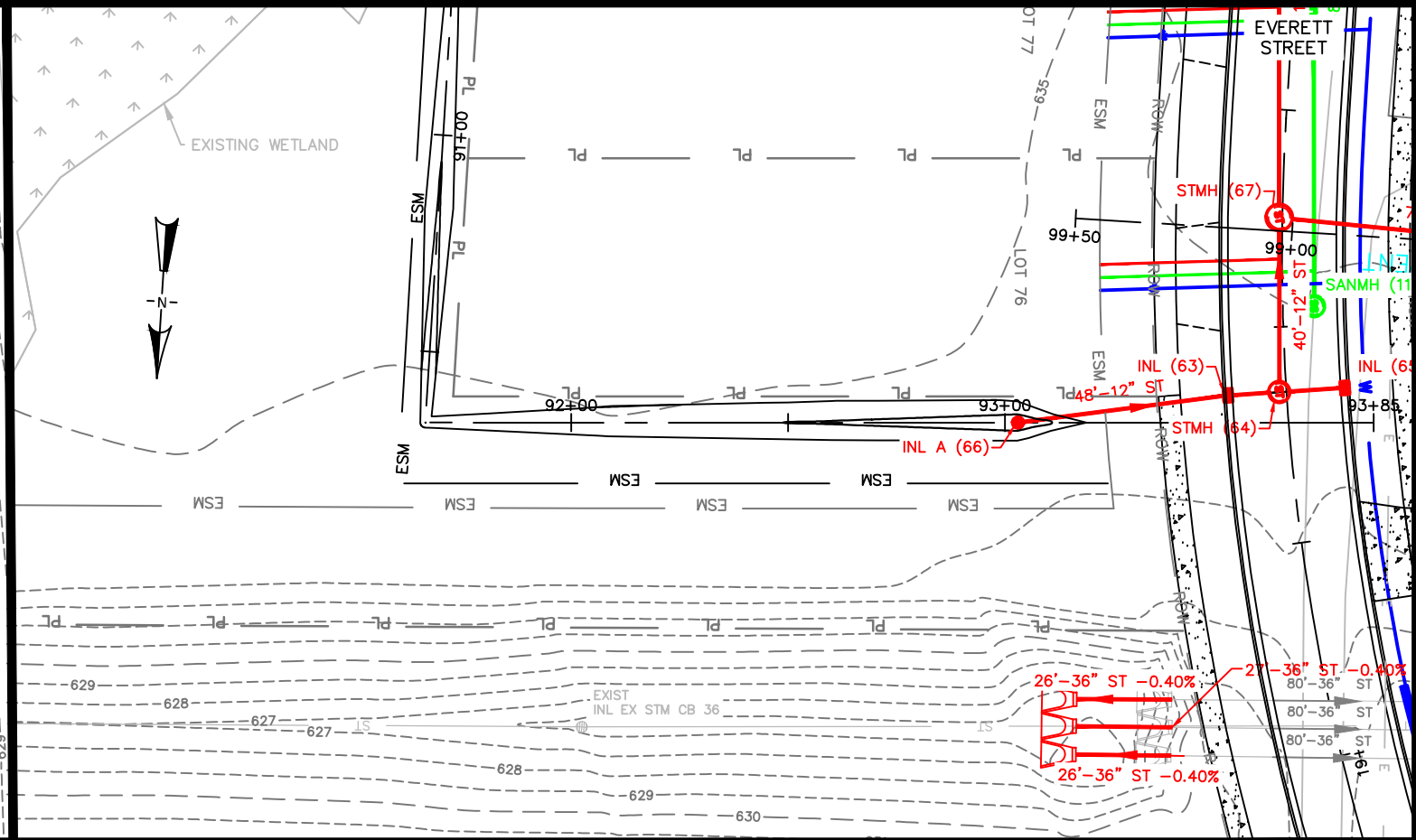
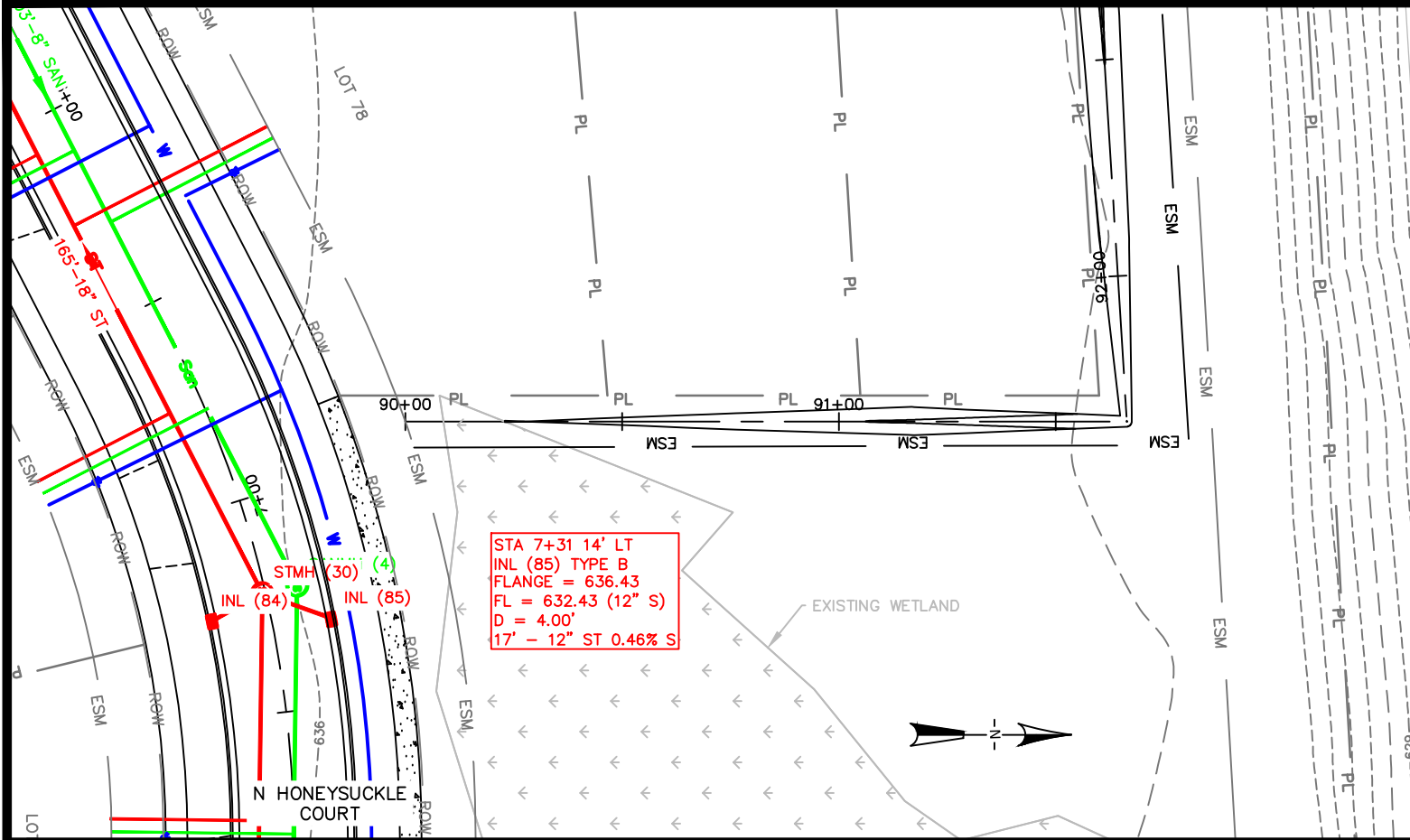


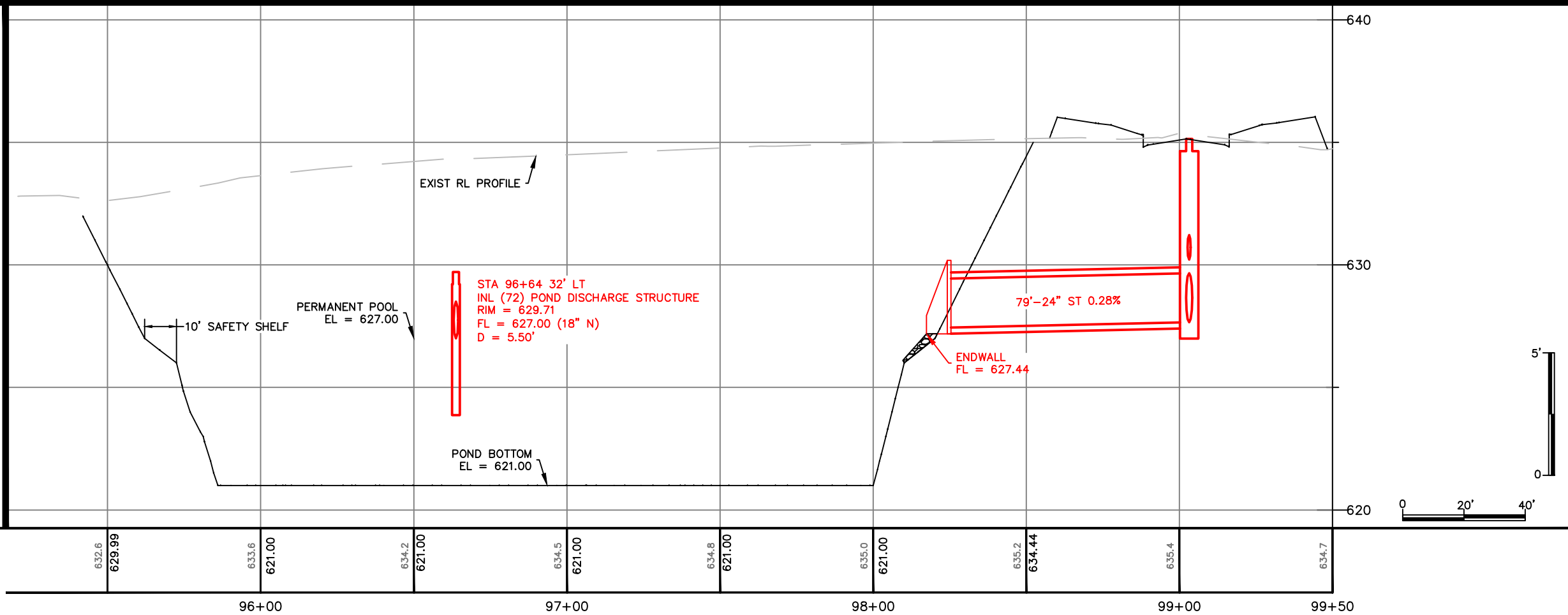
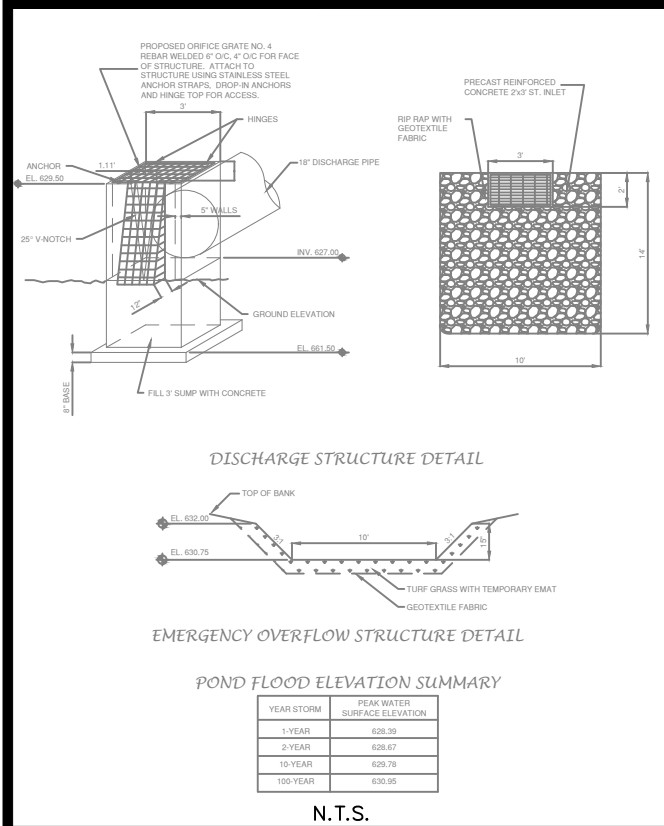
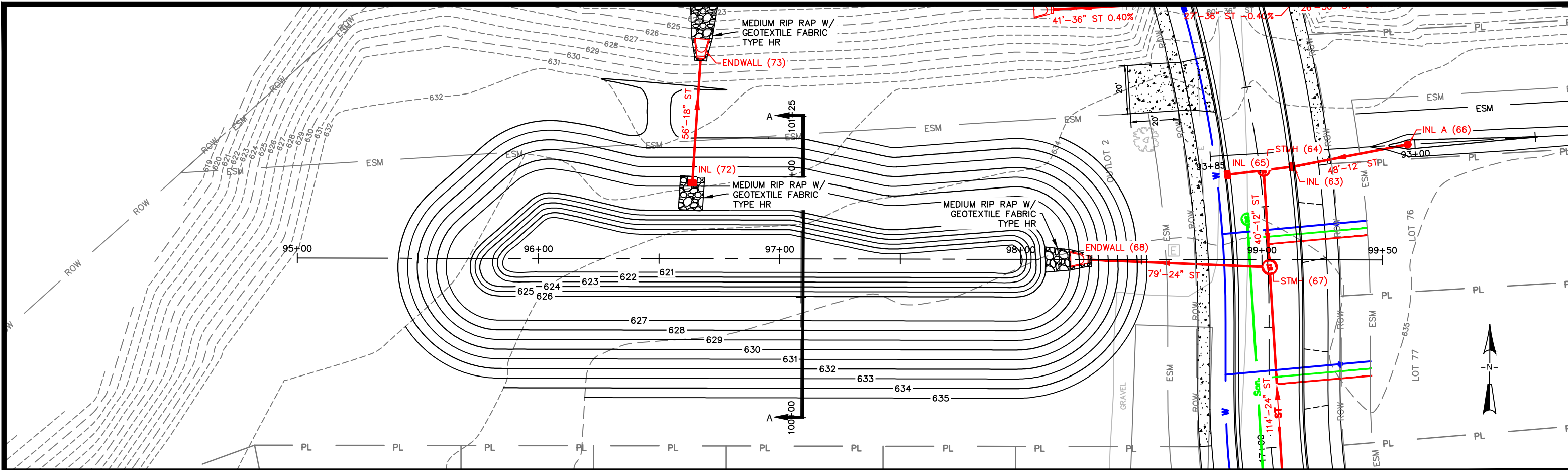






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NAME:
KINGSTON PRESERVE UTILITY
AND STREET CONSTRUCTION
PROJECT #

PAGE
NO.
C301





CITY OF DE PERE

ENGINEERING DIVISION 925 S. SIXTH ST DE PERE WI 54115
OFFICE 920-339-4061 FAX 920-339-4071

N HONEYSUCKLE COURT
CROSS SECTIONS

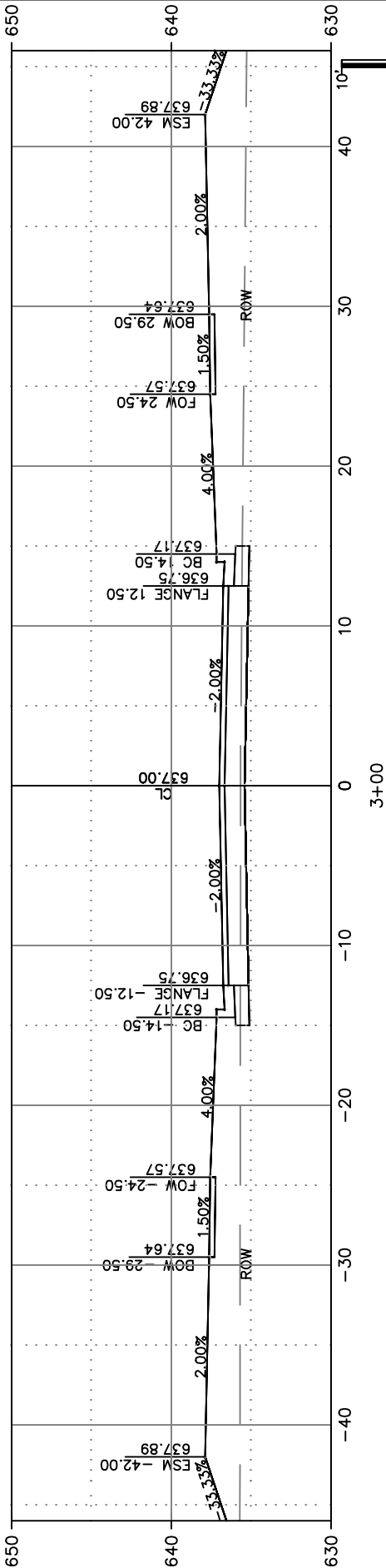
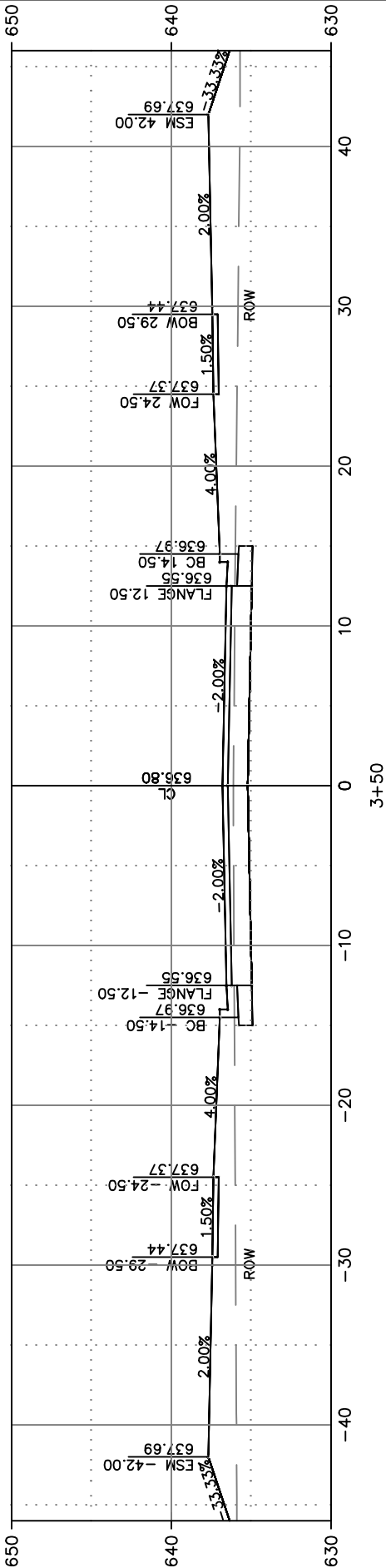
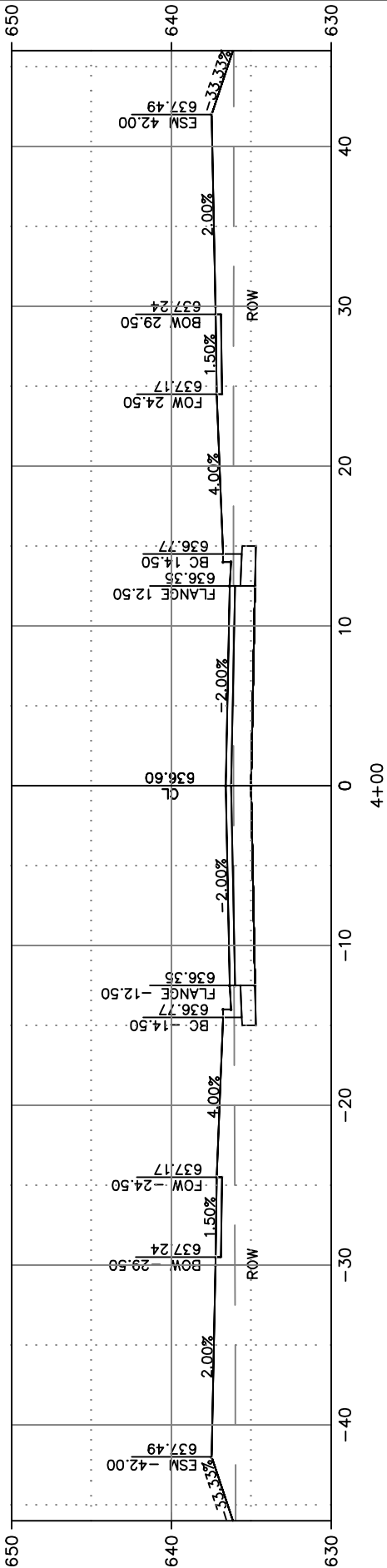
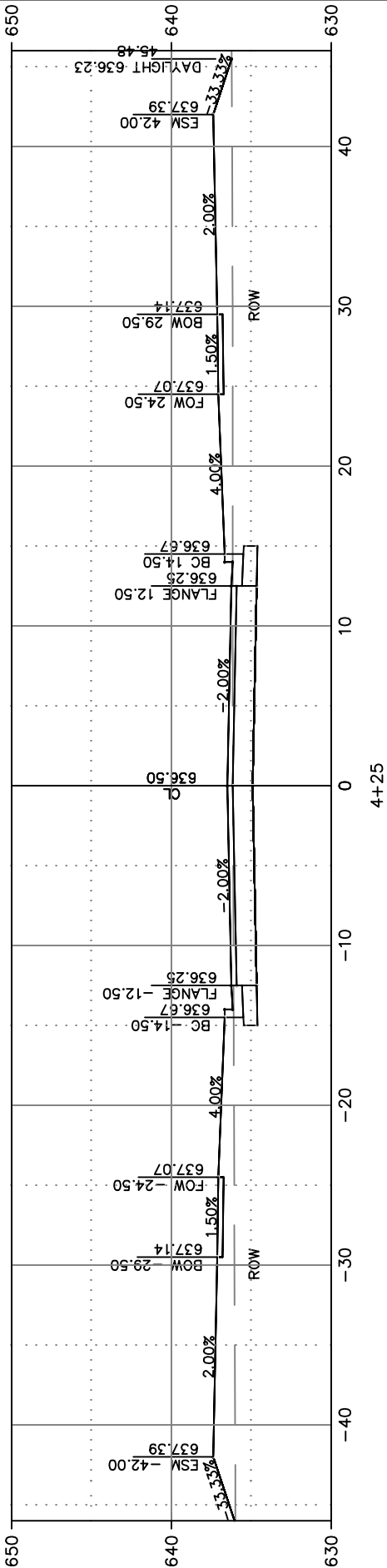
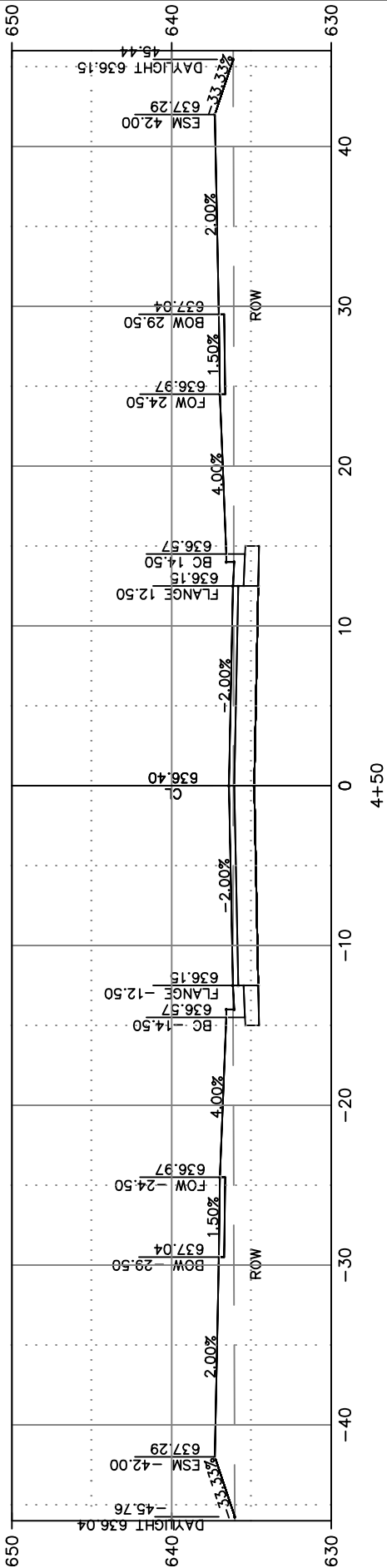
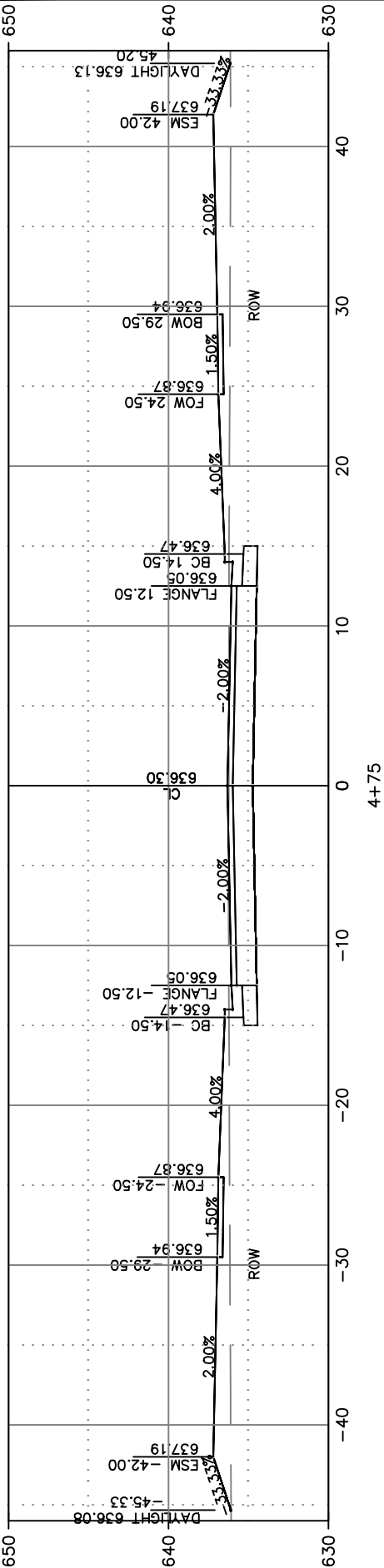
NAME:
KINGSTON PRESERVE UTILITY
AND STREET CONSTRUCTION
PROJECT #
23-04

	BY	DATE
SURVEYED	REL	12-2022
DRAWN	MAL	12-2022
DESIGNED	MAL/EPR	12-2022
CHECKED	EPR	12-2022

REVISIONS / ISSUES			
NO.	DATE	BY	REMARKS

PAGE
NO.

C302





CITY OF DE PERE

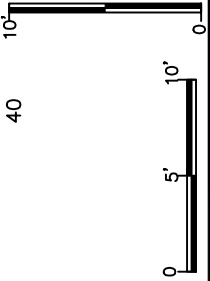
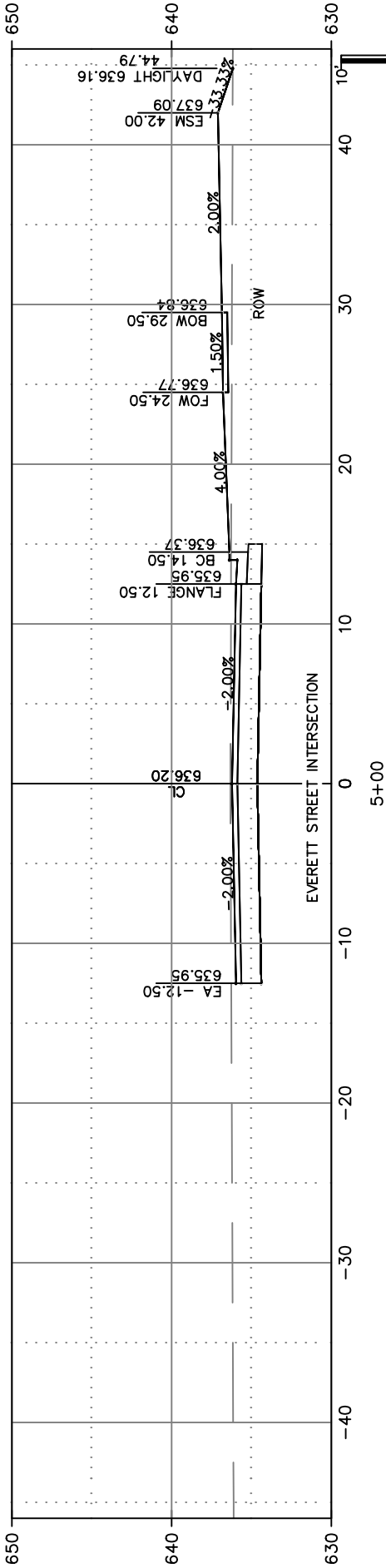
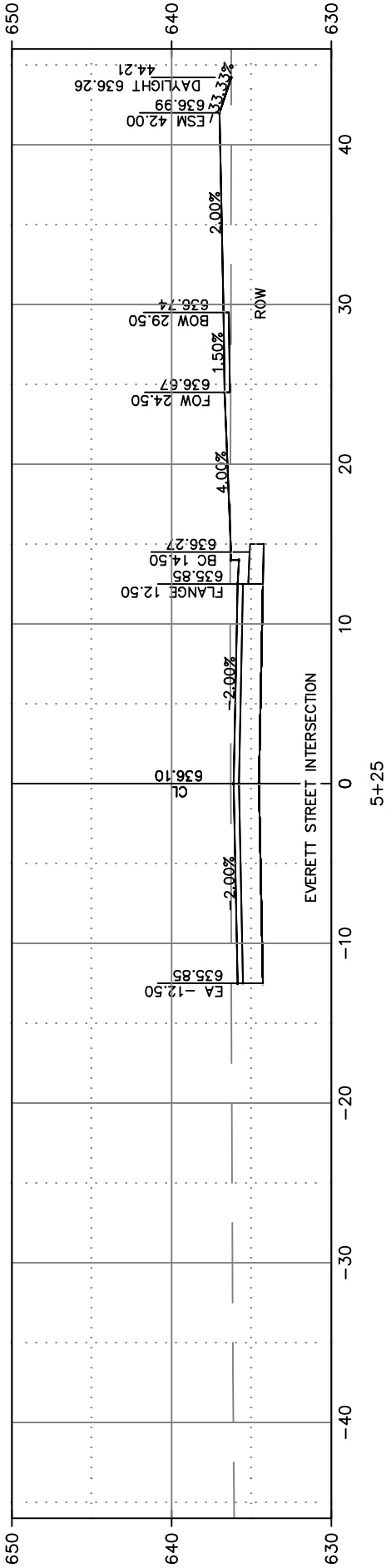
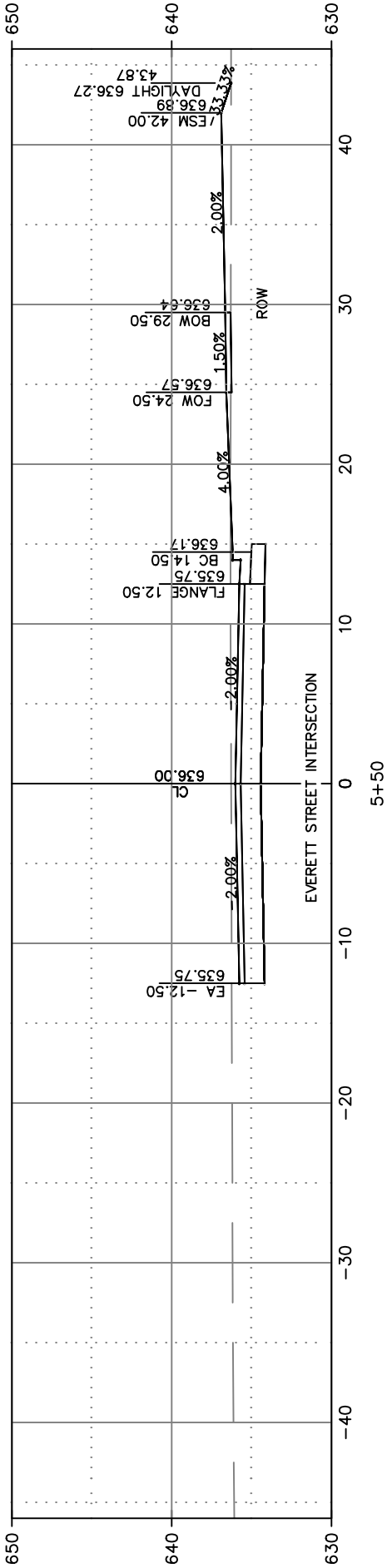
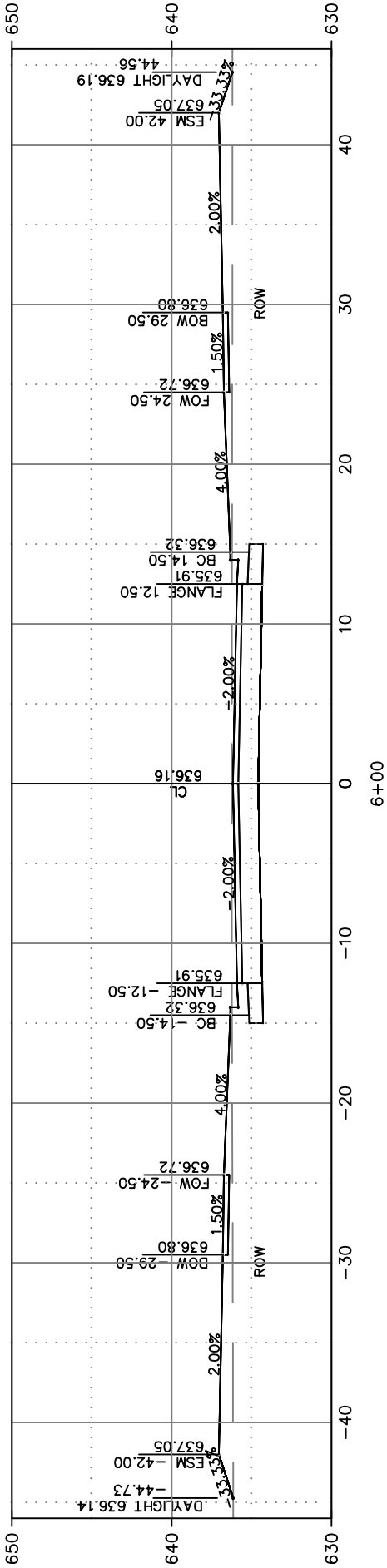
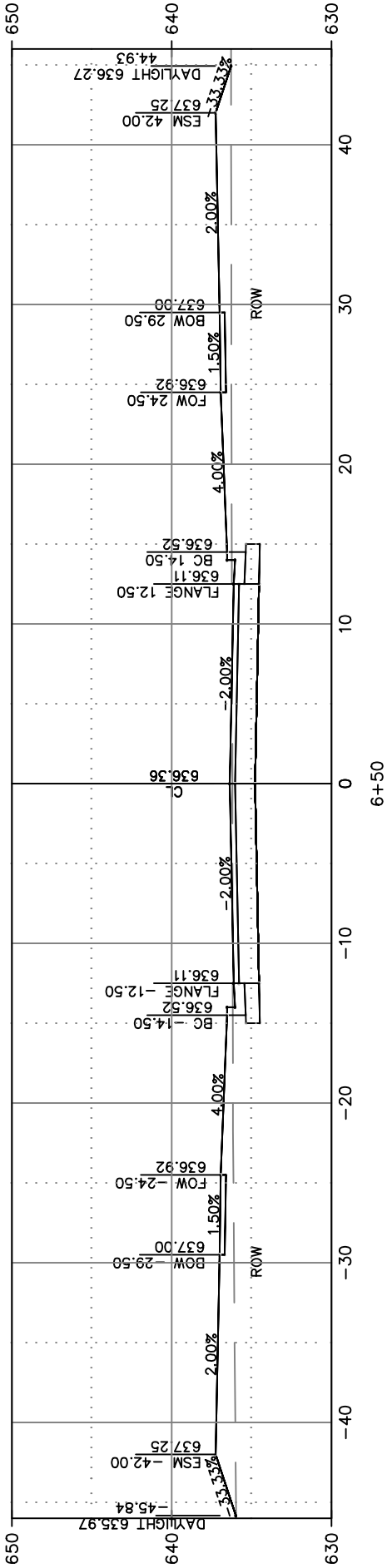
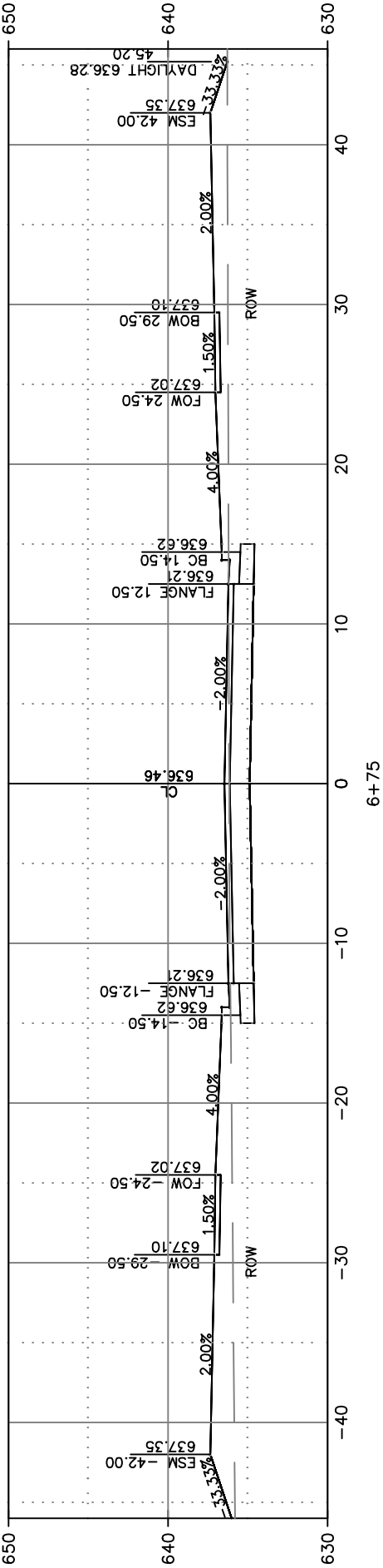
ENGINEERING DIVISION 925 S. SIXTH ST DE PERE WI 54115
OFFICE 920-339-4061 FAX 920-339-4071

N HONEYSUCKLE COURT
CROSS SECTIONS

NAME: KINGSTON PRESERVE UTILITY
AND STREET CONSTRUCTION
PROJECT # 23-04

	BY	DATE
SURVEYED	REL	12-2022
DRAWN	MAL	12-2022
DESIGNED	MAL/EPR	12-2022
CHECKED	EPR	12-2022

REVISIONS / ISSUES			
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NAME:
KINGSTON PRESERVE UTILITY
AND STREET CONSTRUCTION
PROJECT #

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CITY OF DE PERE

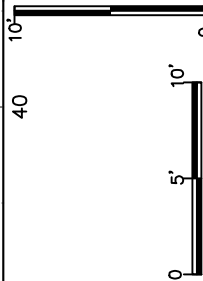
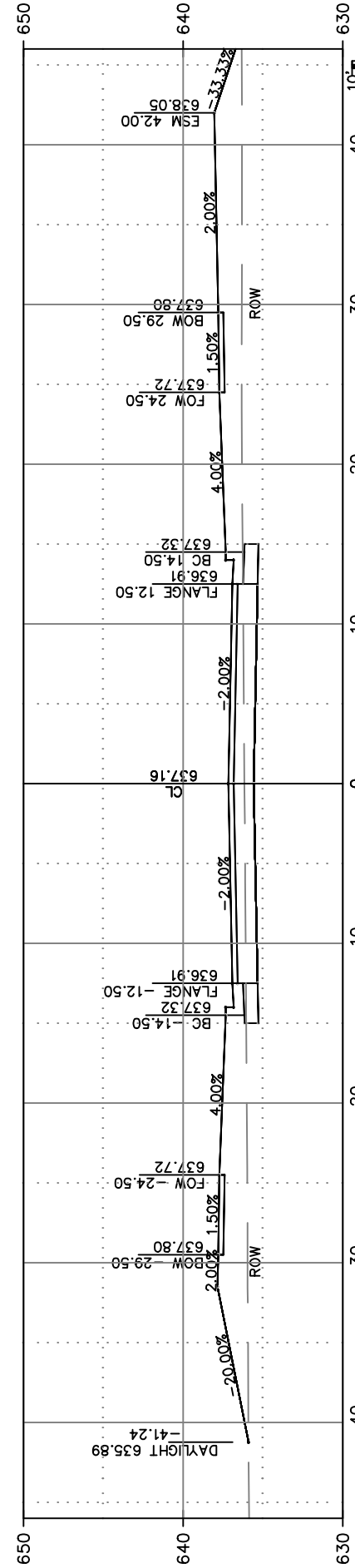
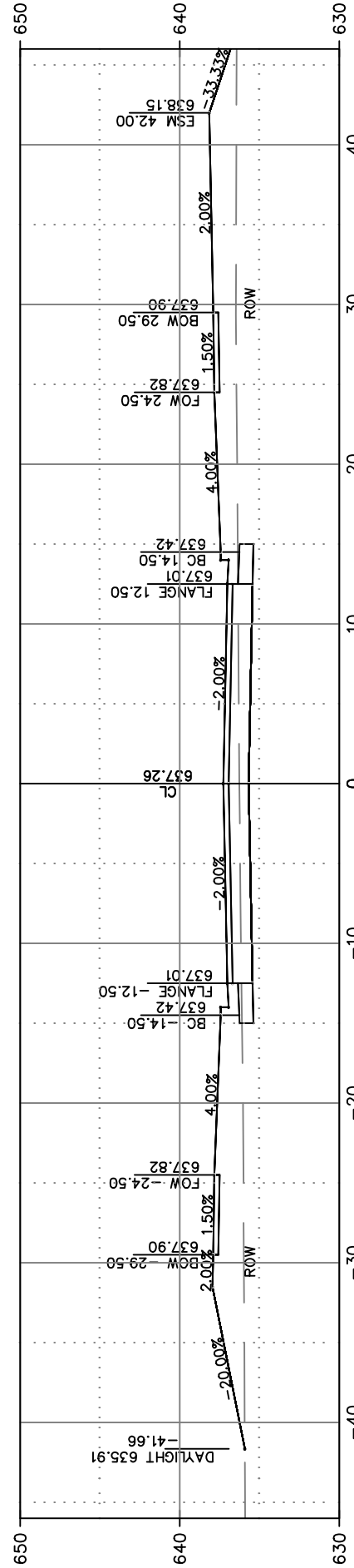
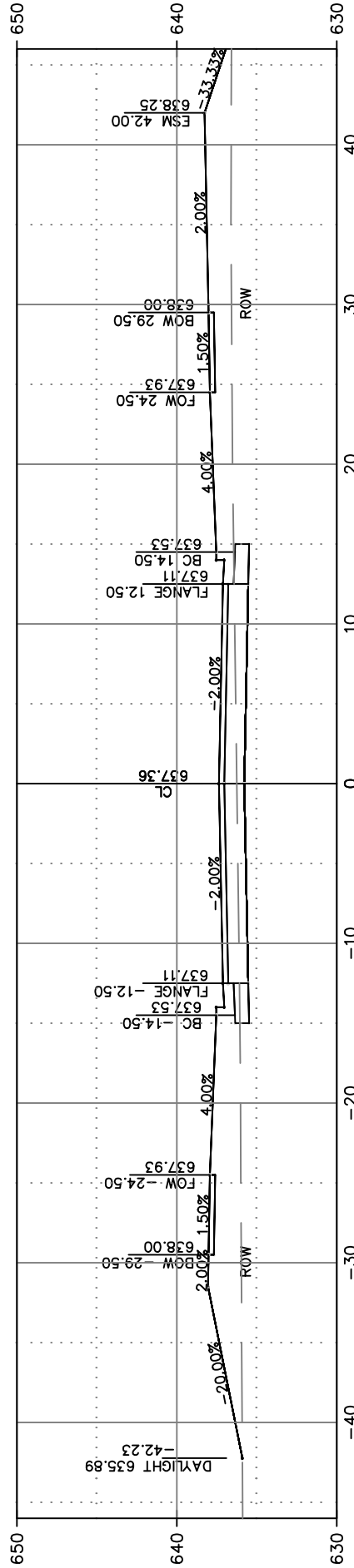
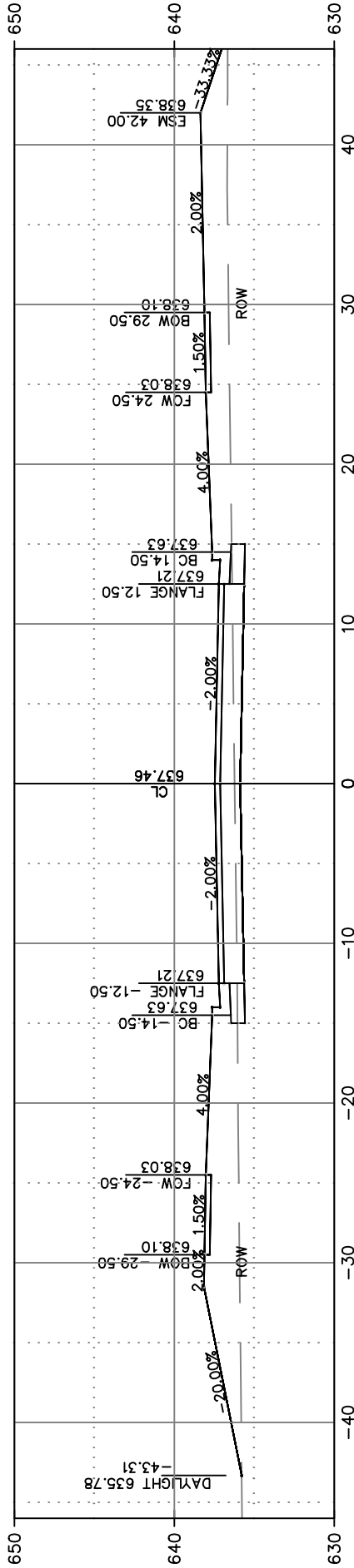
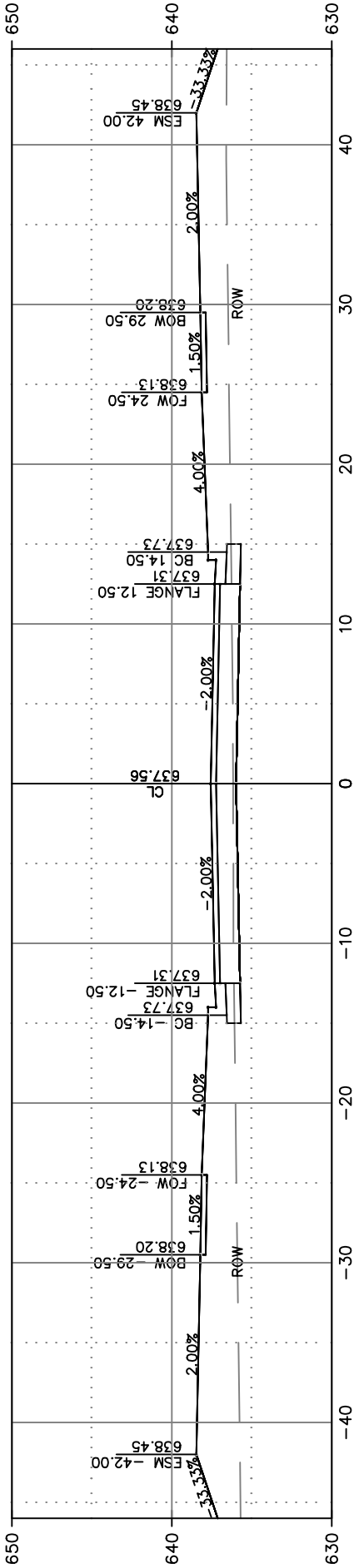
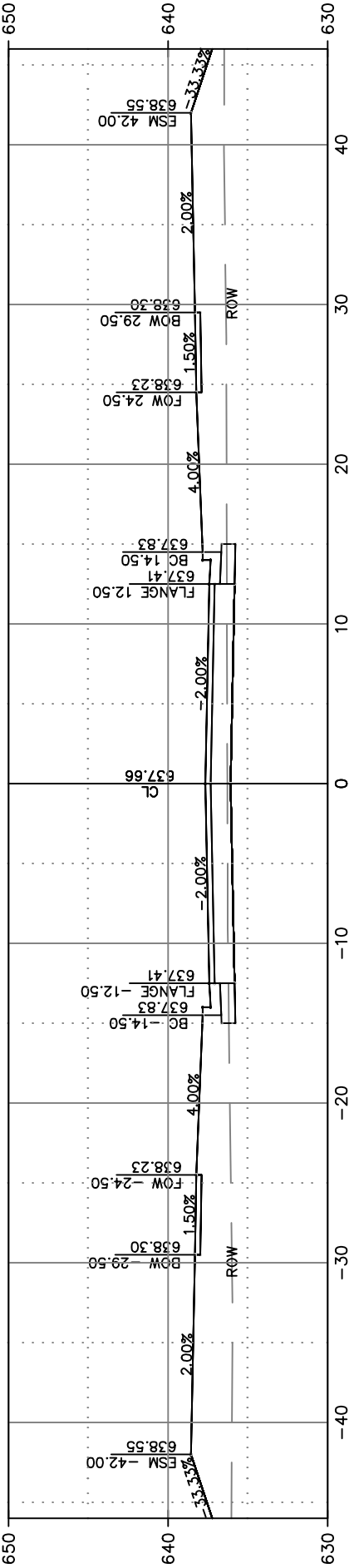
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N HONEYSUCKLE COURT
CROSS SECTIONS

NAME: KINGSTON PRESERVE UTILITY AND STREET CONSTRUCTION
PROJECT # 23-04

	BY	DATE
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REVISIONS / ISSUES			
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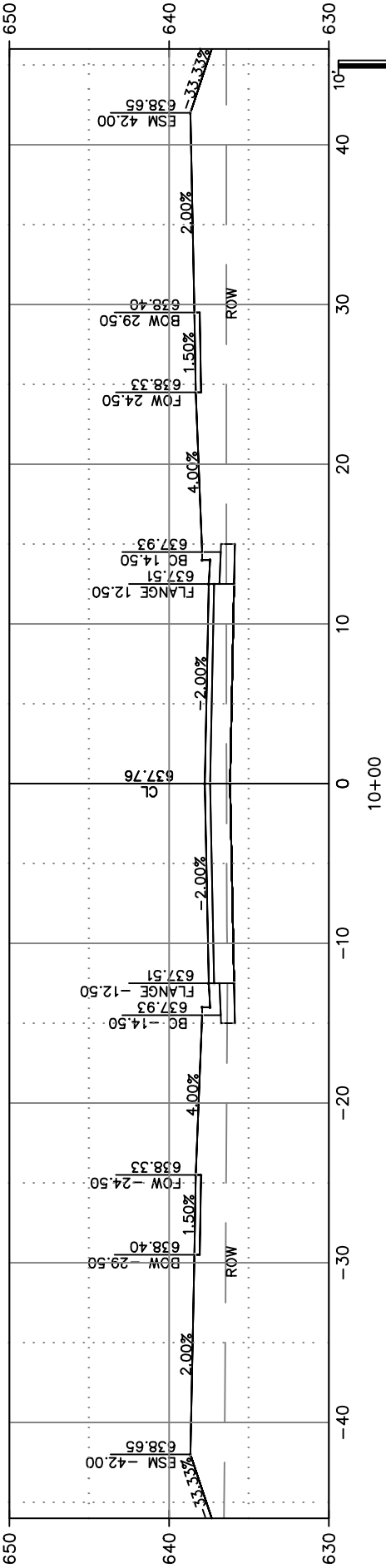
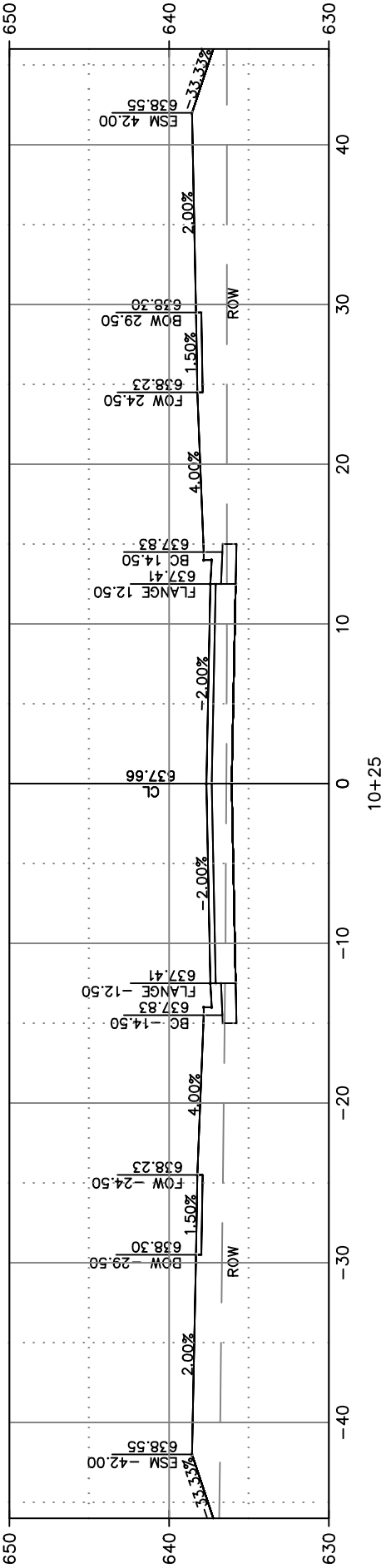
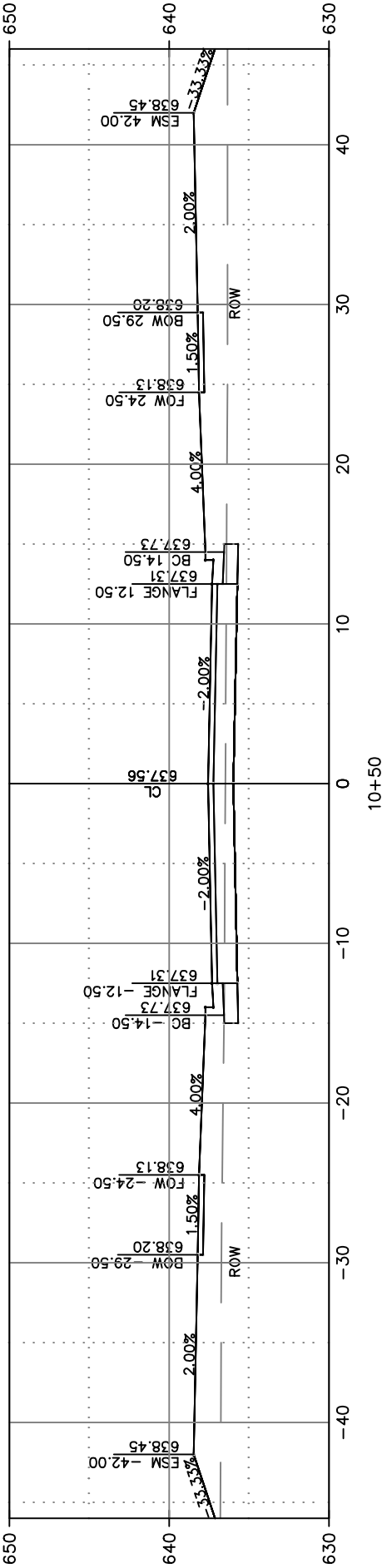
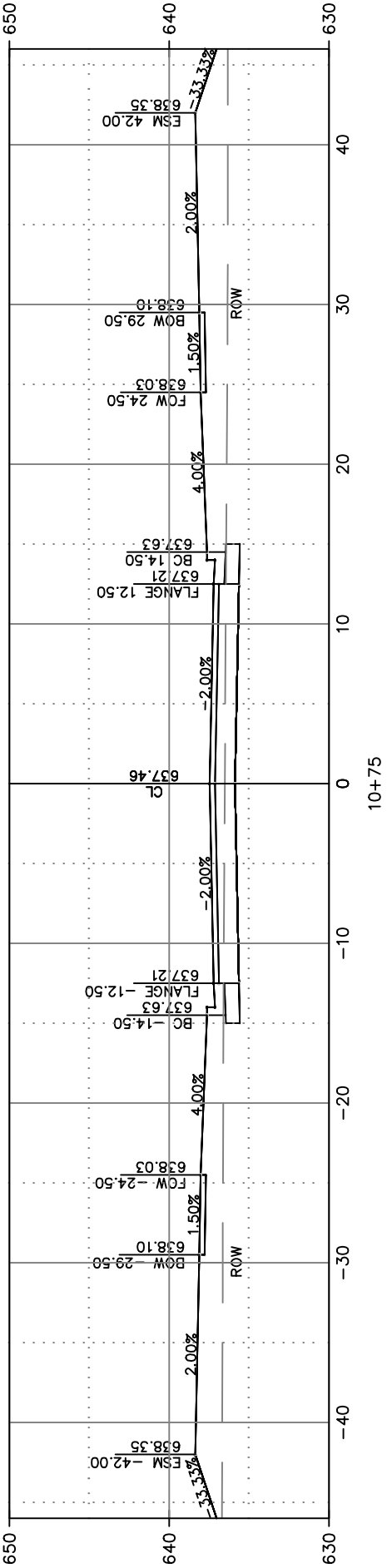
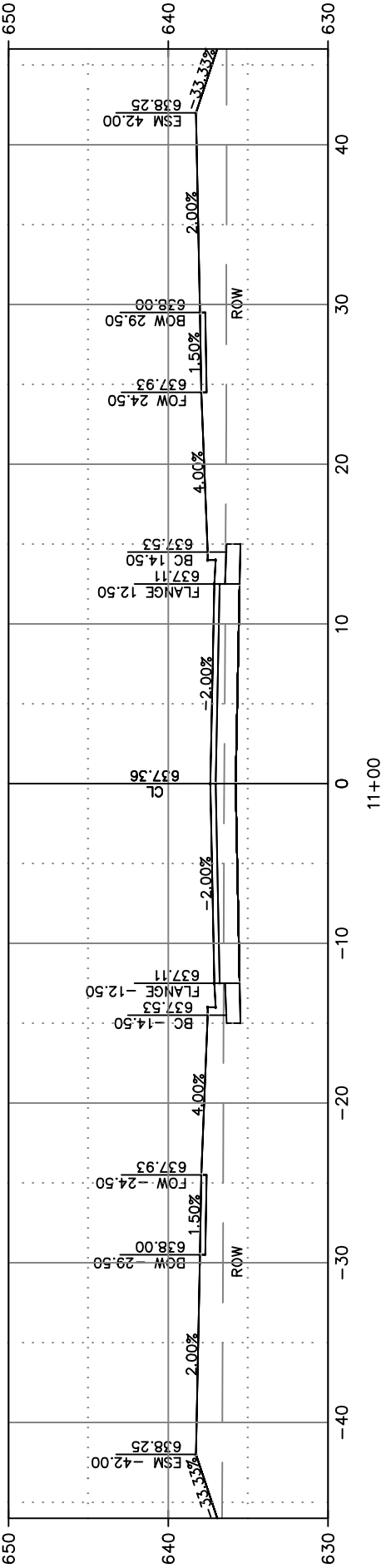
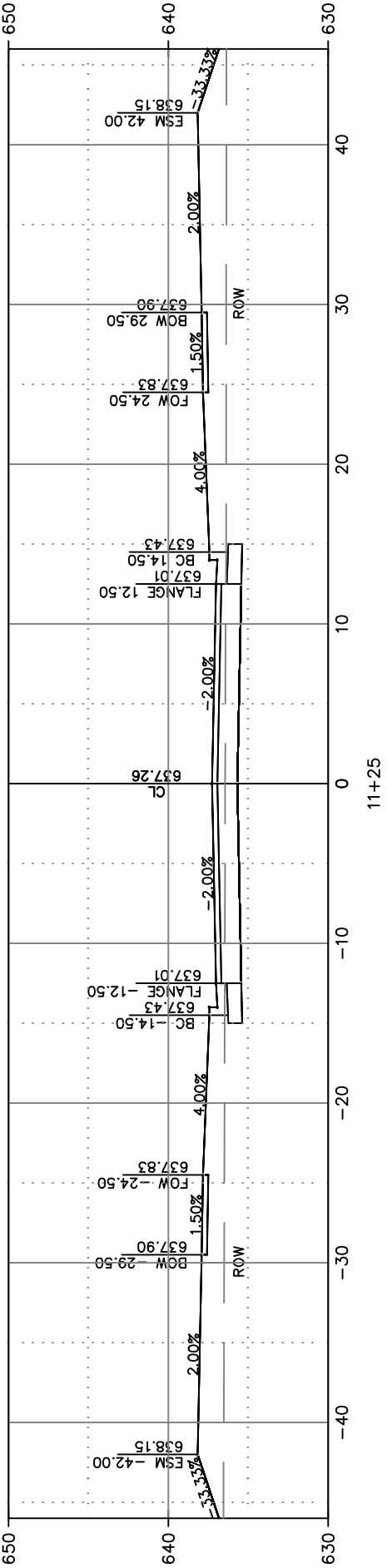
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N HONEYSUCKLE COURT
CROSS SECTIONS

NAME:
KINGSTON PRESERVE UTILITY
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N HONEYSUCKLE COURT
CROSS SECTIONS

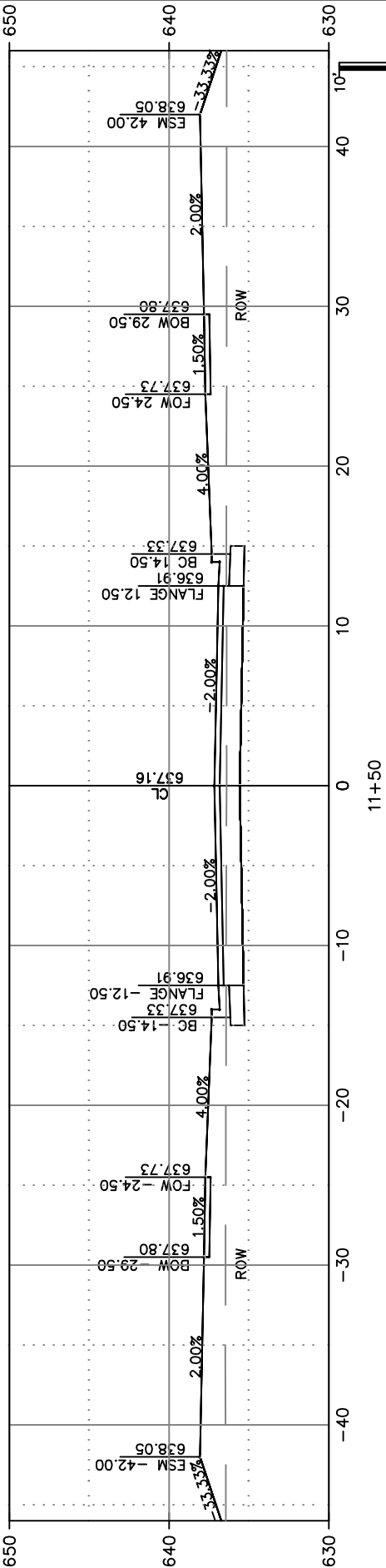
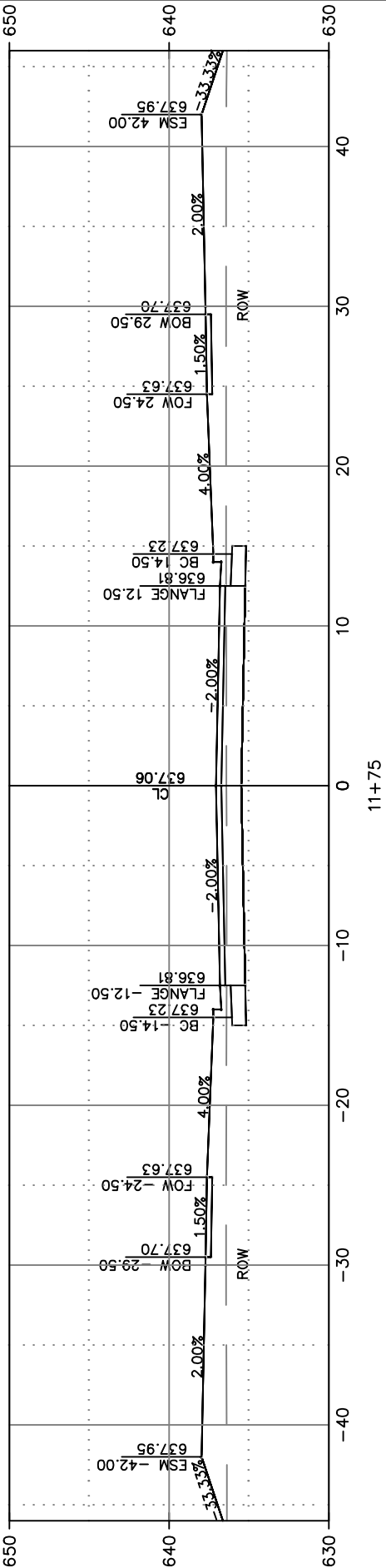
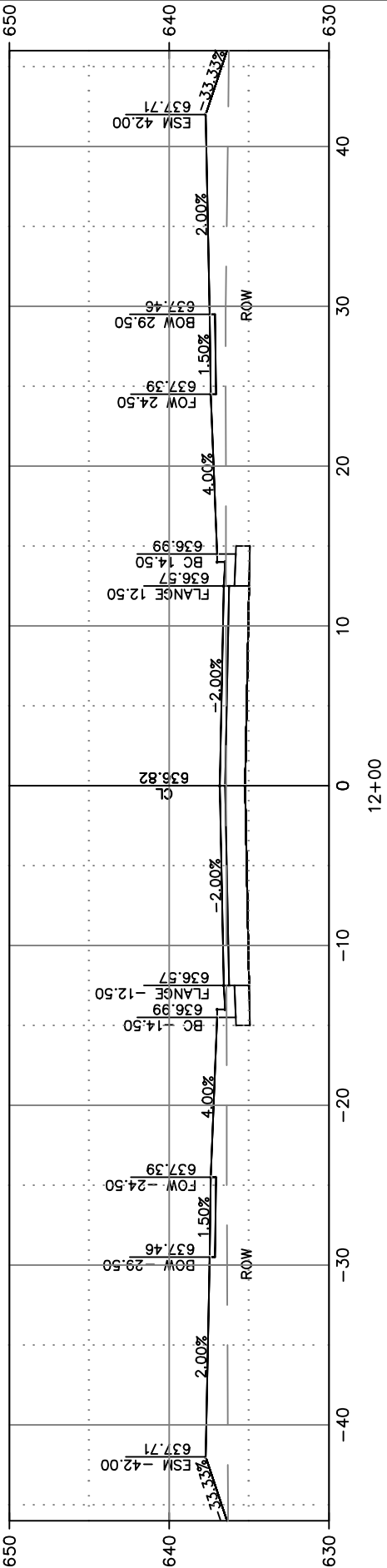
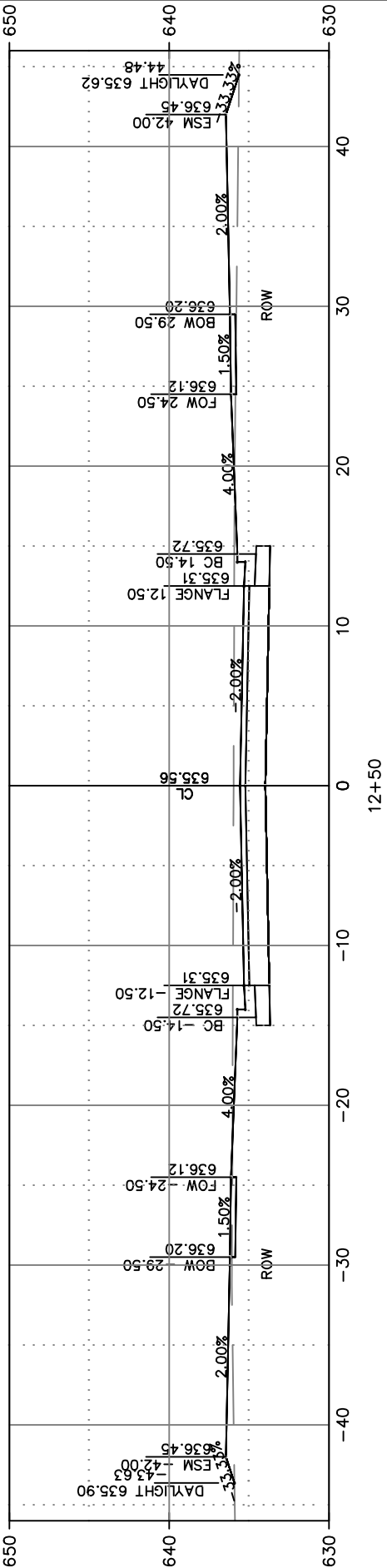
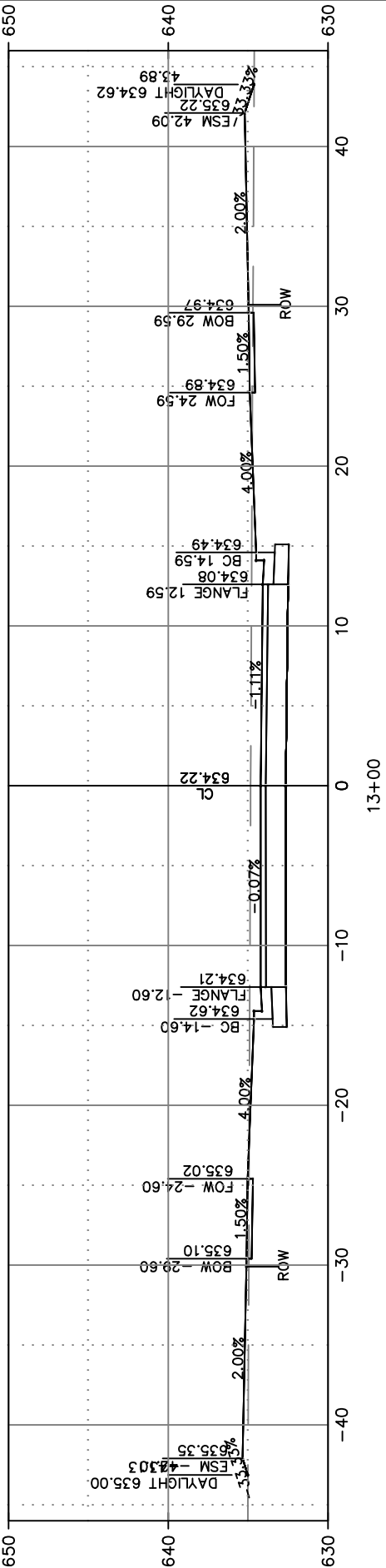
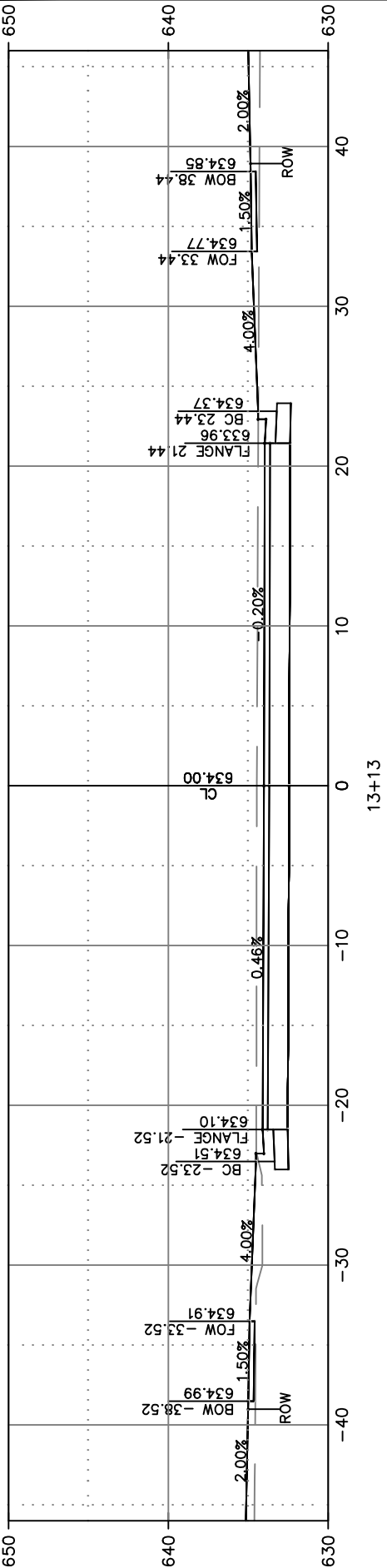
NAME: KINGSTON PRESERVE UTILITY AND STREET CONSTRUCTION
PROJECT # 23-04

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EVERETT STREET
CROSS SECTIONS

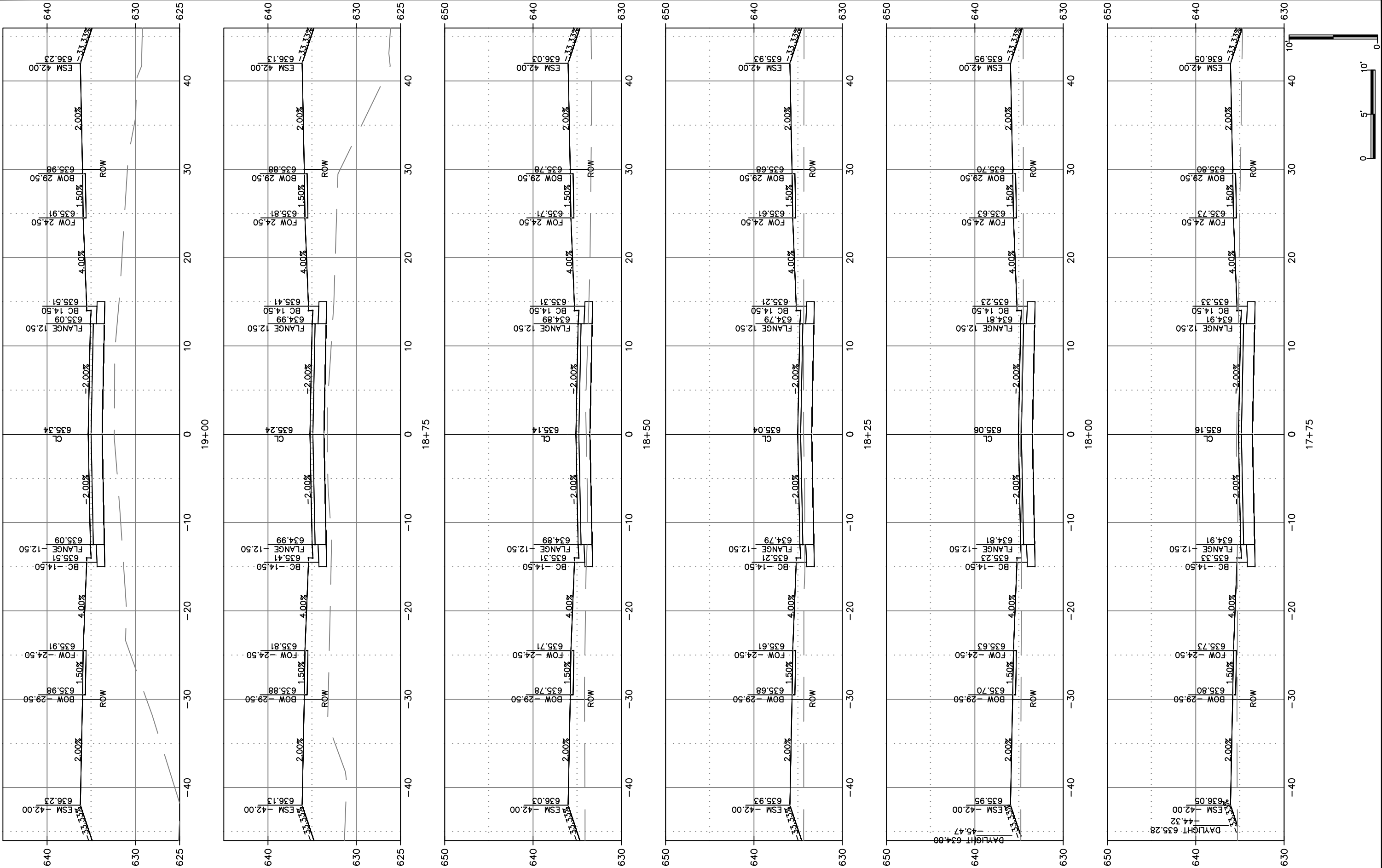
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PROJECT # 23-04

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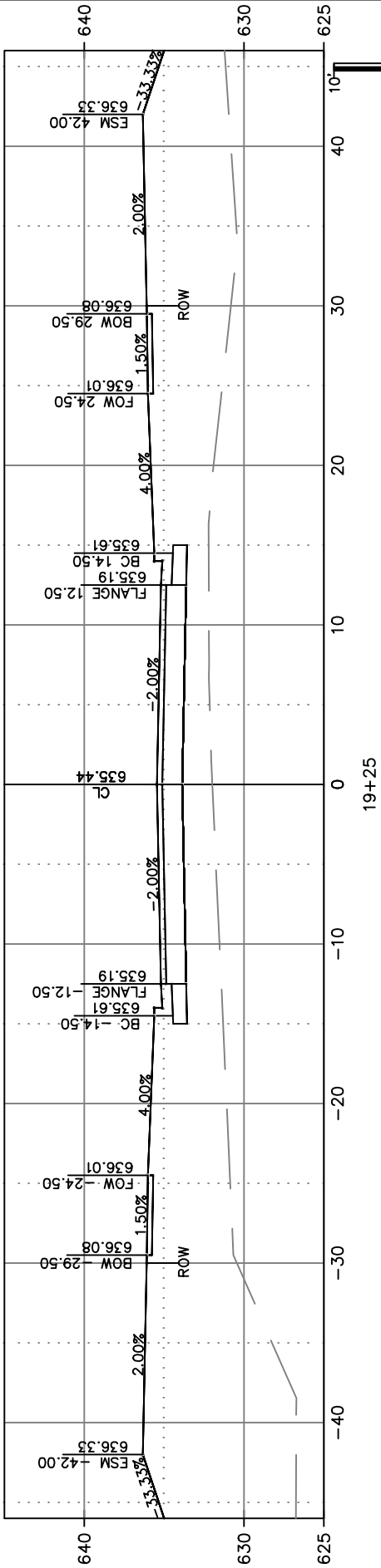
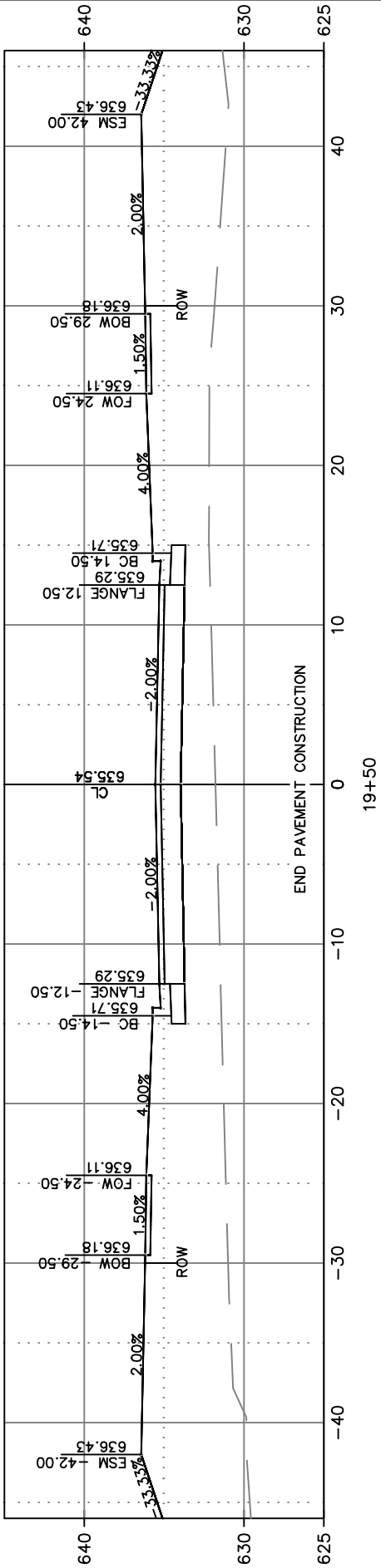
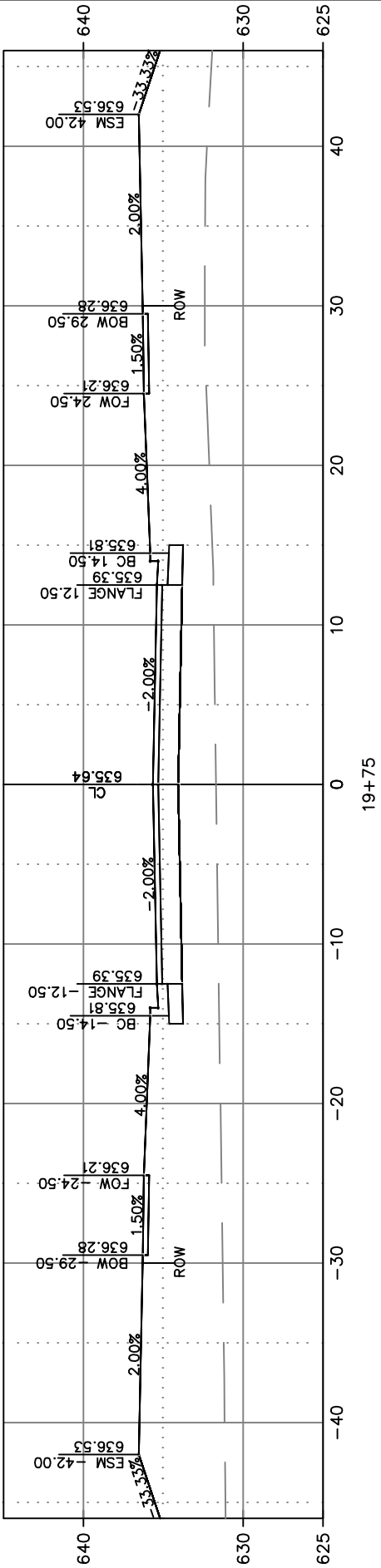
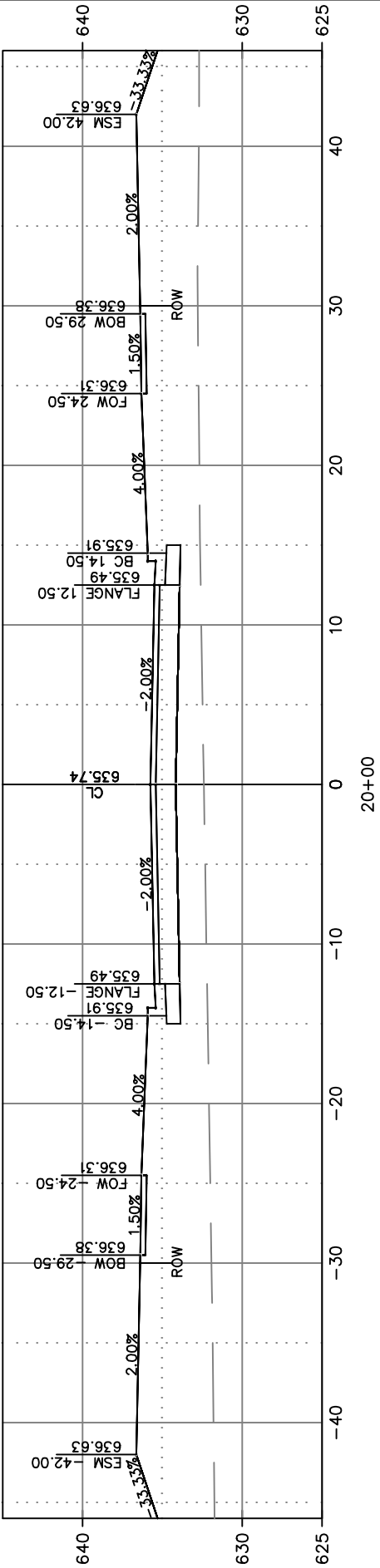
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EVERETT STREET
CROSS SECTIONS

NAME: KINGSTON PRESERVE UTILITY AND STREET CONSTRUCTION
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REVISIONS / ISSUES			
NO.	DATE	BY	REMARKS



N HONEYSUCKLE COURT
CUT/FILL

Total Volume Table						
Station	Fill Area	Cut Area	Fill Volume	Cut Volume	Cumulative Fill Vol	Cumulative Cut Vol
0+50.00	578.76	0.00	0.00	0.00	0.00	0.00
1+00.00	559.23	0.00	1053.69	0.00	1053.69	0.00
1+25.00	477.79	0.00	468.84	0.00	1522.54	0.00
1+50.00	443.74	0.00	338.95	0.00	1861.48	0.00
2+00.00	277.80	0.00	656.87	0.00	2518.35	0.00
2+50.00	215.38	0.00	456.65	0.00	2975.00	0.00
3+00.00	163.42	12.10	350.74	11.21	3325.73	11.21
3+50.00	108.40	30.68	251.69	39.61	3577.42	50.82
4+00.00	78.16	37.25	172.75	62.90	3750.17	113.72
4+25.00	64.67	41.44	65.79	36.44	3815.95	150.16
4+50.00	57.36	43.79	56.11	39.46	3872.06	189.62
4+75.00	44.90	50.14	47.25	43.52	3919.31	233.14
5+00.00	31.45	63.44	35.40	52.43	3954.71	285.57
5+25.00	23.46	74.66	25.44	63.22	3980.15	348.79
5+50.00	22.33	57.73	21.17	61.26	4001.32	410.04
6+00.00	33.12	55.48	51.34	104.82	4052.67	514.86
6+50.00	47.98	47.23	75.10	95.10	4127.76	609.97
6+75.00	62.76	43.15	51.85	41.81	4179.61	651.77
7+00.00	61.38	39.17	57.92	37.96	4237.53	689.73
7+25.00	70.96	34.97	60.95	34.11	4298.48	723.84
7+50.00	80.50	31.64	69.71	30.69	4368.19	754.53
7+75.00	90.91	27.80	78.76	27.42	4446.95	781.94

N HONEYSUCKLE COURT
CUT/FILL

Total Volume Table						
Station	Fill Area	Cut Area	Fill Volume	Cut Volume	Cumulative Fill Vol	Cumulative Cut Vol
8+00.00	98.52	24.40	87.57	24.15	4534.52	806.09
8+25.00	103.99	22.69	93.48	21.77	4628.00	827.87
8+50.00	106.56	22.22	96.89	20.72	4724.89	848.59
8+75.00	108.12	22.37	98.85	20.55	4823.74	869.14
9+00.00	113.47	20.18	102.23	19.54	4925.96	888.68
9+25.00	123.51	15.91	109.51	16.52	5035.48	905.20
9+50.00	161.78	10.42	132.63	12.09	5168.11	917.29
9+75.00	165.75	10.26	152.57	9.55	5320.68	926.84
10+00.00	156.77	10.81	149.53	9.74	5470.21	936.58
10+25.00	139.68	14.65	136.80	11.79	5607.02	948.37
10+50.00	128.63	19.46	123.50	15.81	5730.52	964.18
10+75.00	119.70	23.51	114.30	19.92	5844.83	984.10
11+00.00	113.05	25.64	107.25	22.77	5952.08	1006.87
11+25.00	106.79	27.33	101.43	24.53	6053.51	1031.40
11+50.00	99.22	29.84	95.19	26.44	6148.70	1057.84
11+75.00	90.42	32.44	87.76	28.80	6236.46	1086.64
12+00.00	69.93	40.79	74.26	33.87	6310.72	1120.50
12+50.00	15.86	69.90	79.43	102.48	6390.15	1222.99
13+00.00	11.25	75.40	25.10	134.53	6415.25	1357.52
13+13.34	28.75	96.18	9.89	42.40	6425.14	1399.93
14+00.00	0.00	0.00	46.14	154.35	6471.28	1554.27

EVERETT STREET
CUT/FILL

Total Volume Table						
Station	Fill Area	Cut Area	Fill Volume	Cut Volume	Cumulative Fill Vol	Cumulative Cut Vol
15+50.00	0.00	0.00	0.00	0.00	0.00	0.00
16+00.00	25.69	55.65	23.79	51.53	23.79	51.53
16+25.00	29.86	53.33	25.69	50.47	49.48	102.00
16+50.00	36.65	53.16	30.60	49.31	80.08	151.31
16+75.00	35.95	53.71	33.03	49.50	113.11	200.81
17+00.00	33.02	56.90	30.87	51.26	143.98	252.07
17+50.00	34.06	59.80	60.56	108.15	204.54	360.22
17+75.00	37.76	55.24	34.10	53.23	238.64	413.45
18+00.00	67.16	41.47	49.16	44.75	287.80	458.20
18+25.00	95.43	30.28	75.51	33.21	363.32	491.41
18+50.00	155.09	14.28	116.67	20.64	479.98	512.05
18+75.00	449.10	0.00	286.55	6.61	766.53	518.66
19+00.00	641.52	0.00	506.17	0.00	1272.70	518.66
19+25.00	563.52	0.00	547.25	0.00	1819.95	518.66
19+50.00	477.31	0.00	468.41	0.00	2288.36	518.66
19+75.00	434.99	0.00	415.83	0.00	2704.19	518.66
20+00.00	372.92	0.00	369.95	0.00	3074.13	518.66
31+50.00	0.00	0.00	7993.41	0.00	11067.54	518.66



CITY OF DE PERE

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N HONEYSUCKLE COURT/EVERETT STREET
VOLUME TABLES

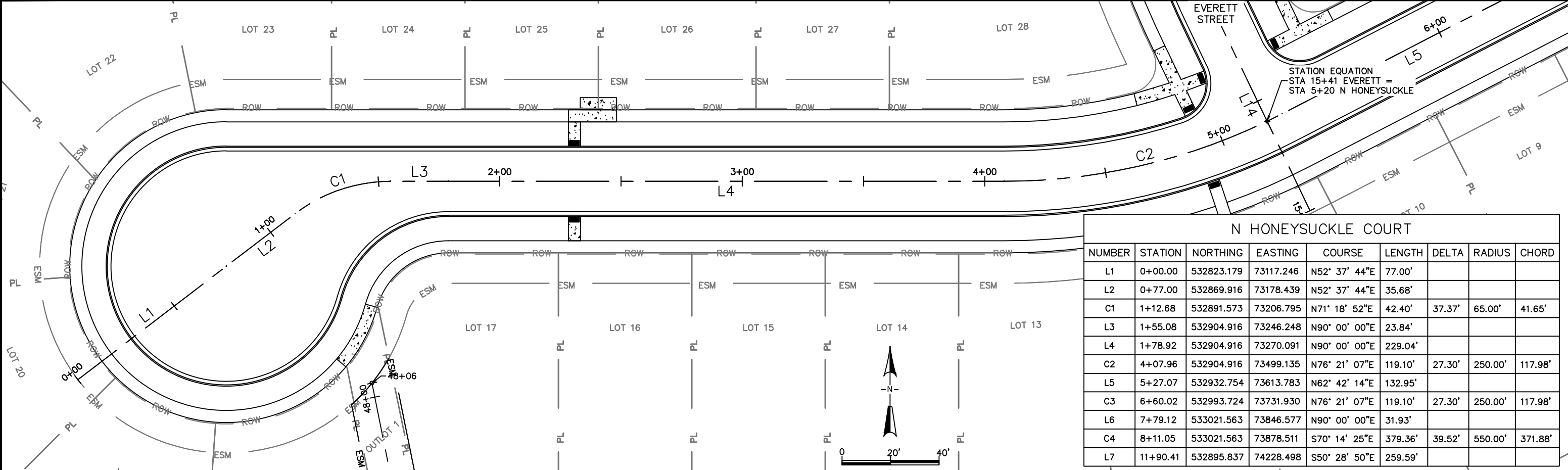
NAME: KINGSTON PRESERVE UTILITY
AND STREET CONSTRUCTION
PROJECT # 23-04

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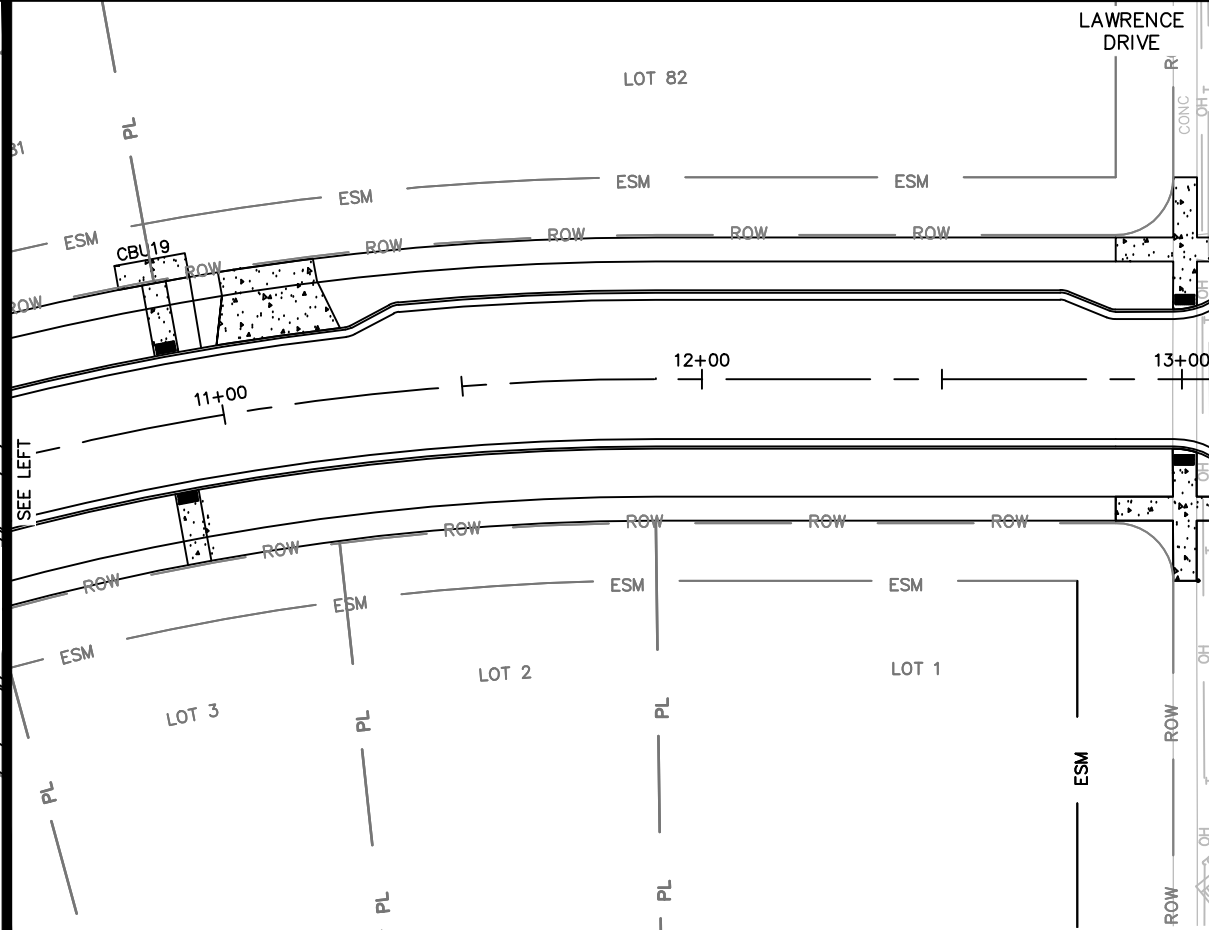
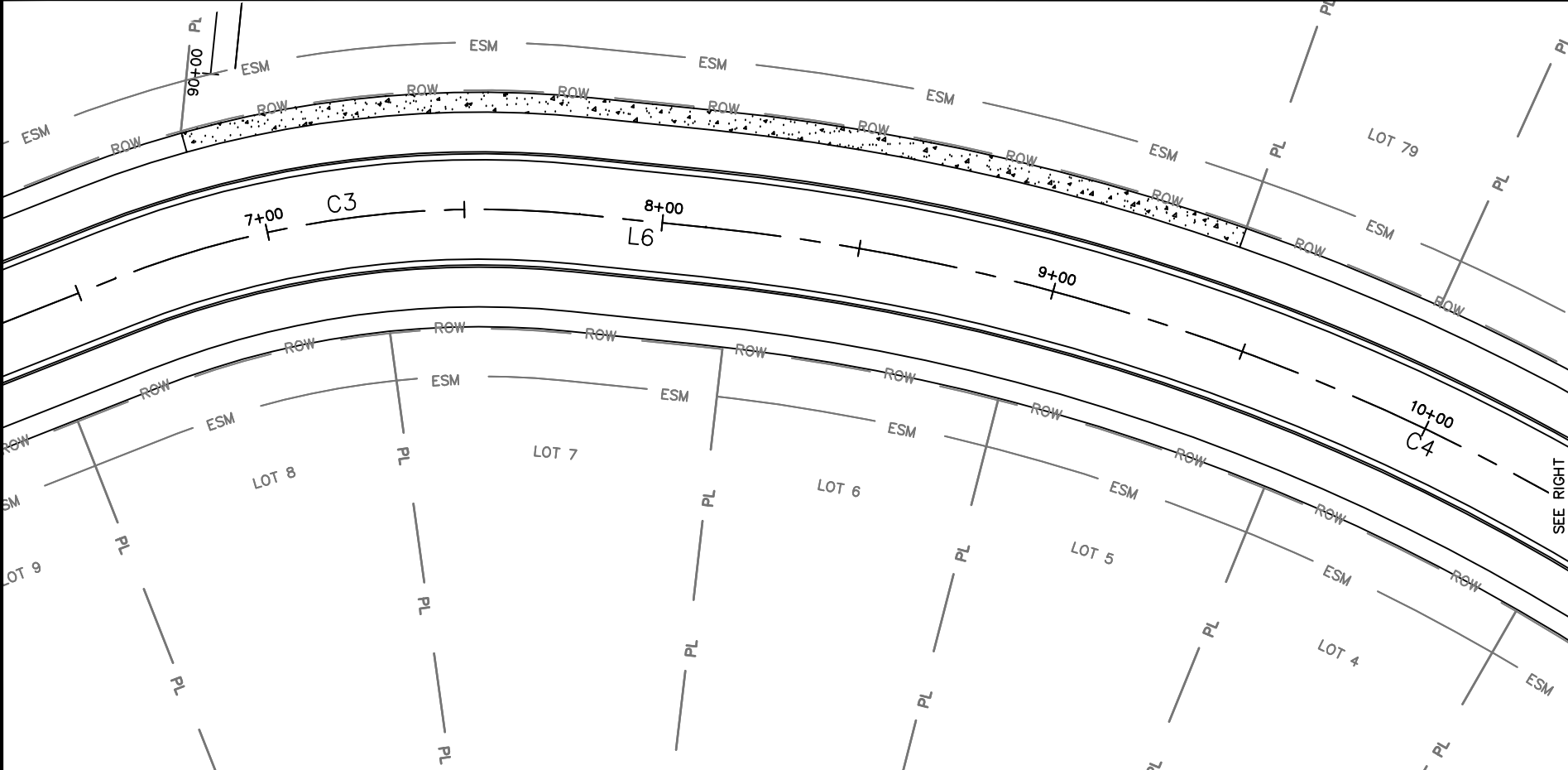
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NO.	DATE	BY	REMARKS	

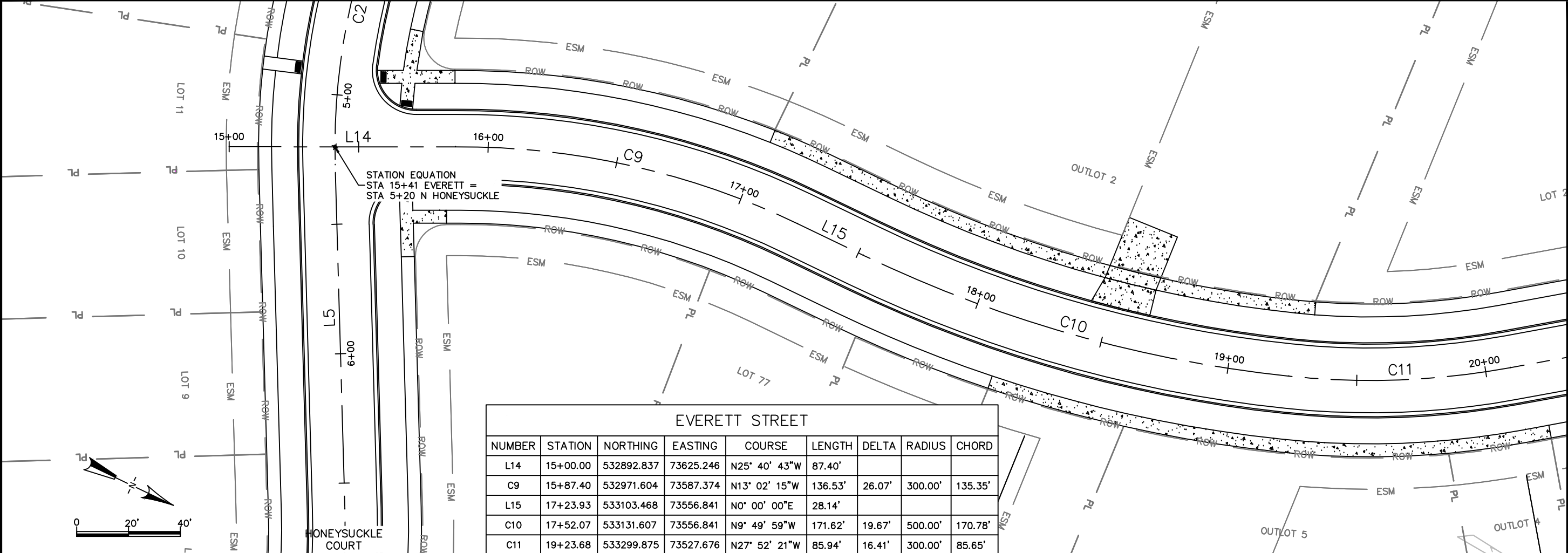
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N HONEYSUCKLE COURT								
NUMBER	STATION	NORTHING	EASTING	COURSE	LENGTH	DELTA	RADIUS	CHORD
L1	0+00.00	532823.179	73117.246	N52° 37' 44"E	77.00'			
L2	0+77.00	532869.916	73178.439	N52° 37' 44"E	35.68'			
C1	1+12.68	532891.573	73206.795	N71° 18' 52"E	42.40'	37.37'	65.00'	41.65'
L3	1+55.08	532904.916	73246.248	N90° 00' 00"E	23.84'			
L4	1+78.92	532904.916	73270.091	N90° 00' 00"E	229.04'			
C2	4+07.96	532904.916	73499.135	N76° 21' 07"E	119.10'	27.30'	250.00'	117.98'
L5	5+27.07	532932.754	73613.783	N62° 42' 14"E	132.95'			
C3	6+60.02	532993.724	73731.930	N76° 21' 07"E	119.10'	27.30'	250.00'	117.98'
L6	7+79.12	533021.563	73846.577	N90° 00' 00"E	31.93'			
C4	8+11.05	533021.563	73878.511	S70° 14' 25"E	379.36'	39.52'	550.00'	371.88'
L7	11+90.41	532895.837	74228.498	S50° 28' 50"E	259.59'			





EVERETT STREET								
NUMBER	STATION	NORTHING	EASTING	COURSE	LENGTH	DELTA	RADIUS	CHORD
L14	15+00.00	532892.837	73625.246	N25° 40' 43"W	87.40'			
C9	15+87.40	532971.604	73587.374	N13° 02' 15"W	136.53'	26.07'	300.00'	135.35'
L15	17+23.93	533103.468	73556.841	N0° 00' 00"E	28.14'			
C10	17+52.07	533131.607	73556.841	N9° 49' 59"W	171.62'	19.67'	500.00'	170.78'
C11	19+23.68	533299.875	73527.676	N27° 52' 21"W	85.94'	16.41'	300.00'	85.65'



CITY OF DE PERE

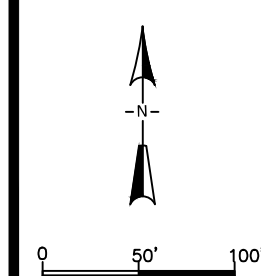
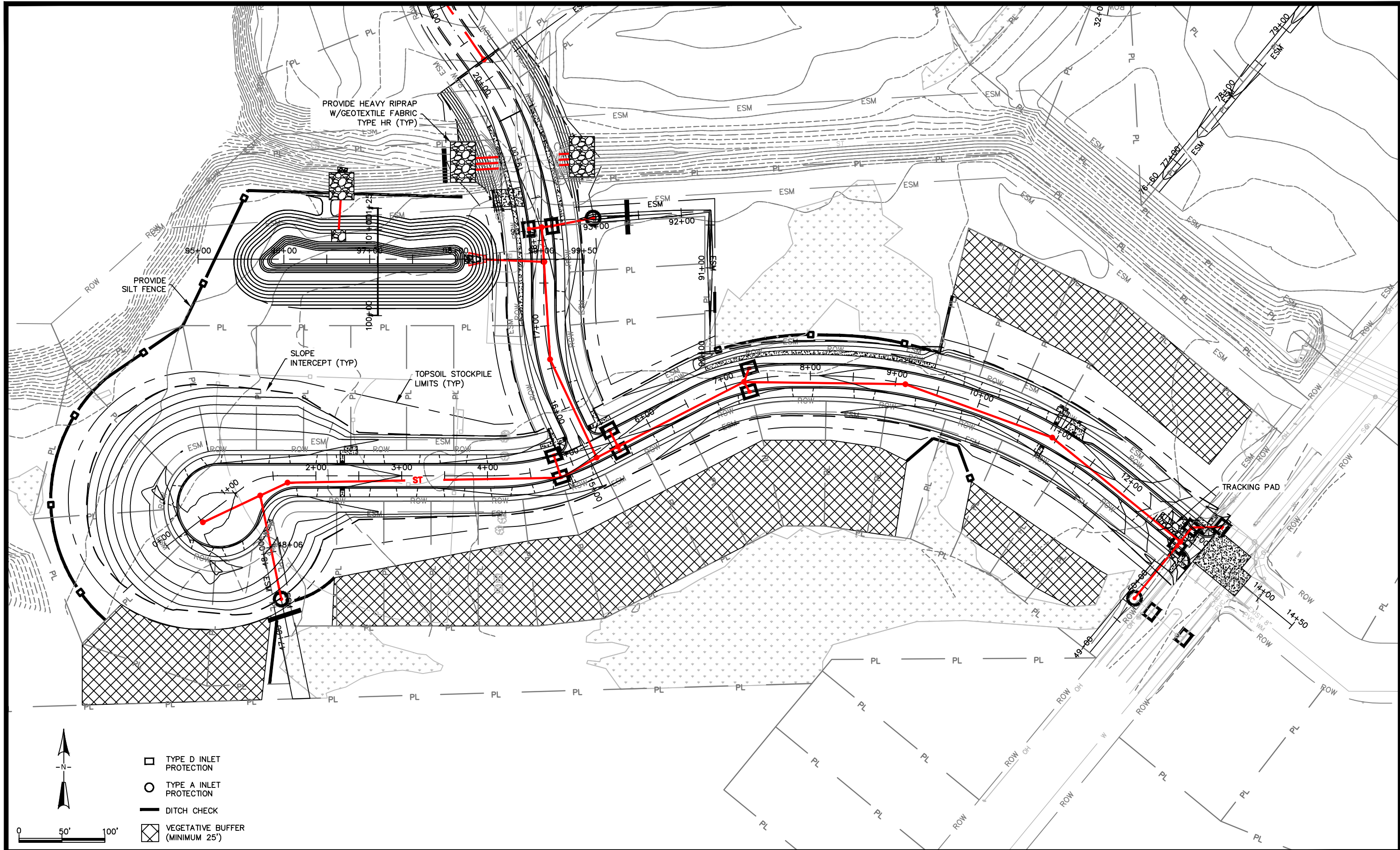
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KINGSTON PRESERVE ALIGNMENTS
EVERETT STREET PHASE 1

NAME:
KINGSTON PRESERVE UTILITY
AND STREET CONSTRUCTION
PROJECT # 23-04

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- TYPE D INLET PROTECTION
- TYPE A INLET PROTECTION
- DITCH CHECK
- ▨ VEGETATIVE BUFFER (MINIMUM 25')



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KINGSTON PRESERVE
EROSION CONTROL

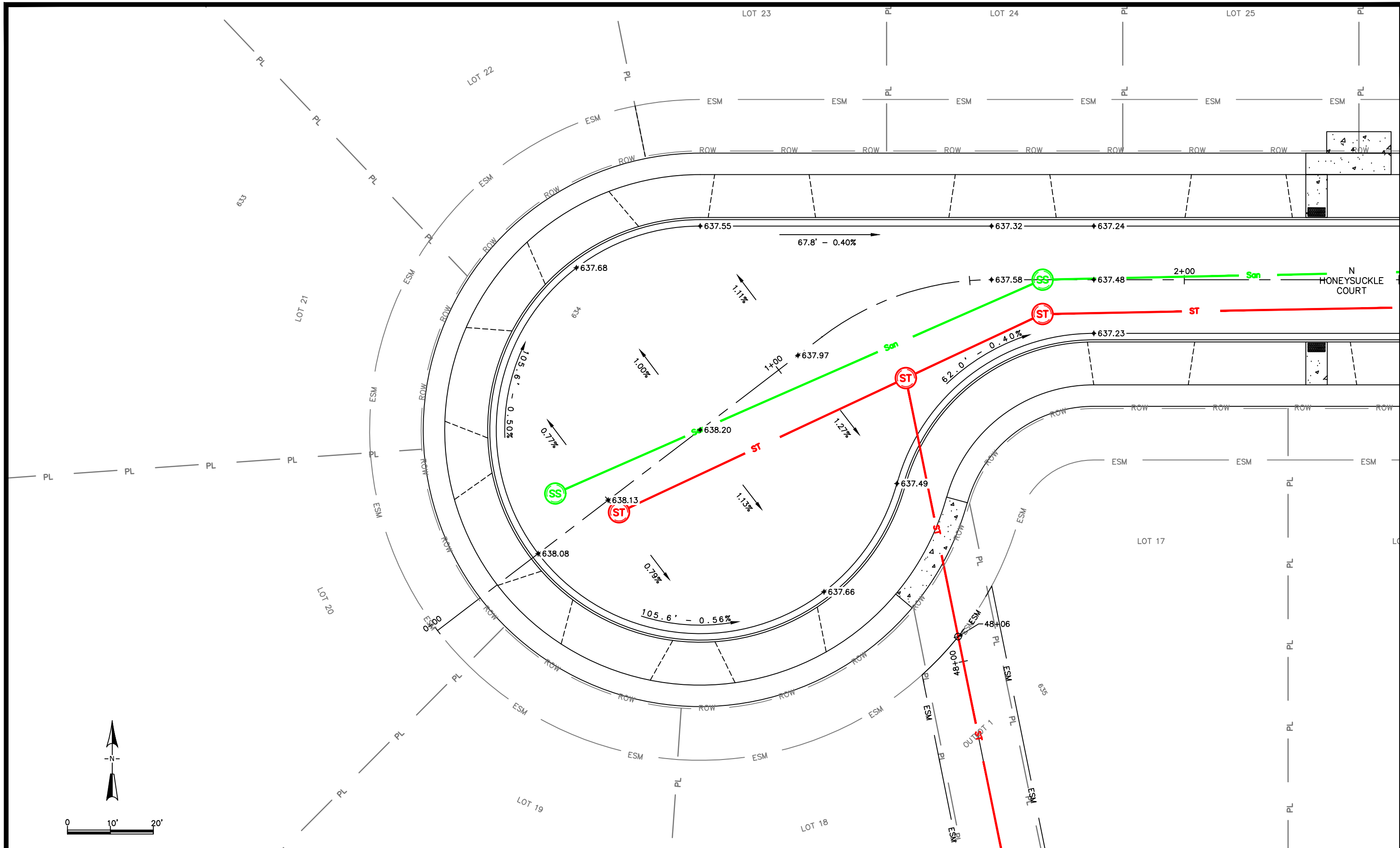
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KINGSTON PRESERVE UTILITY
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23-04

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REVISIONS / ISSUES			
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C403

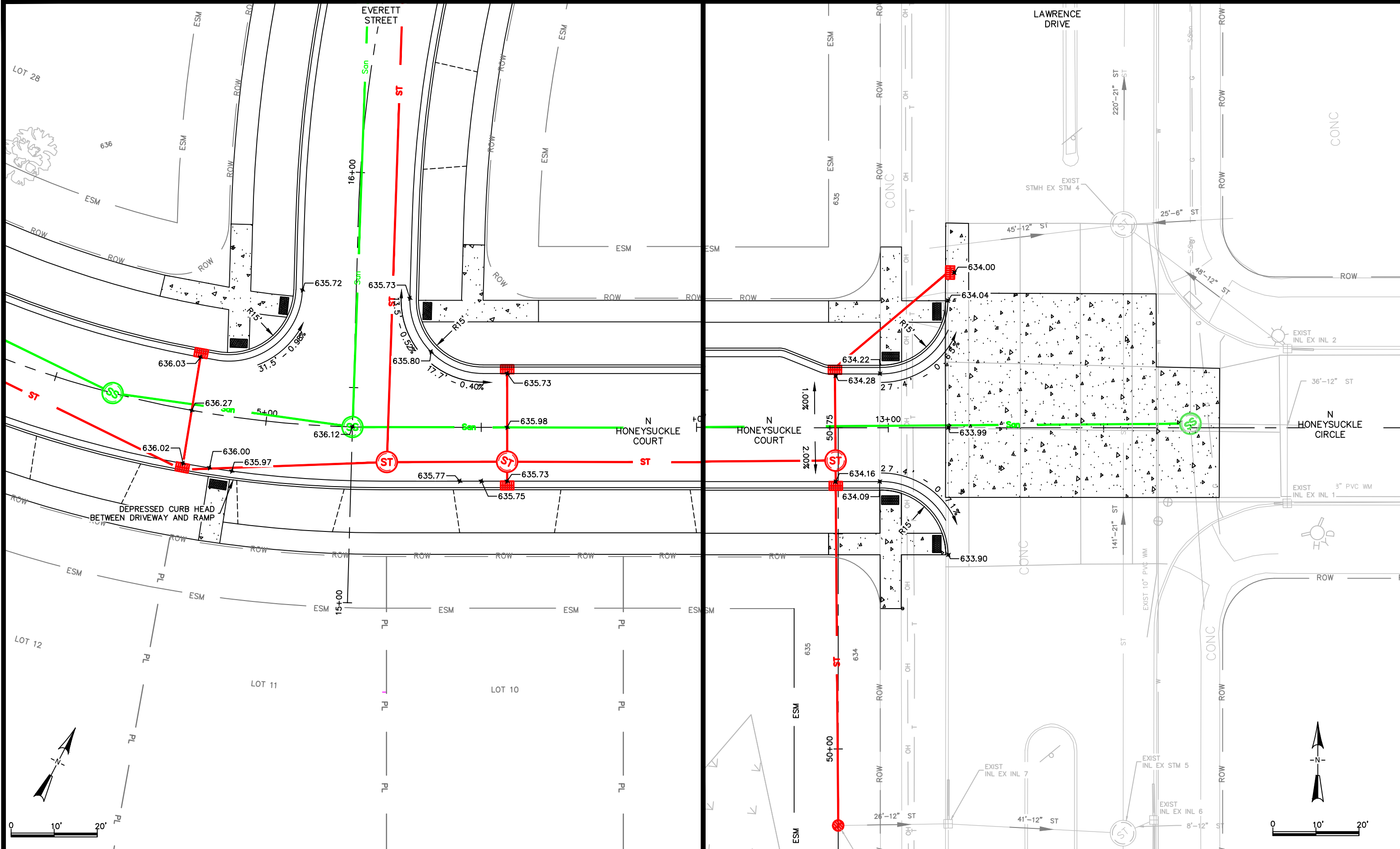
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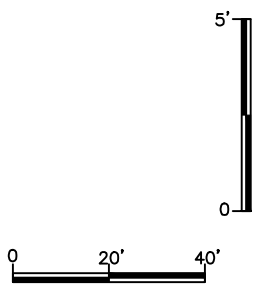
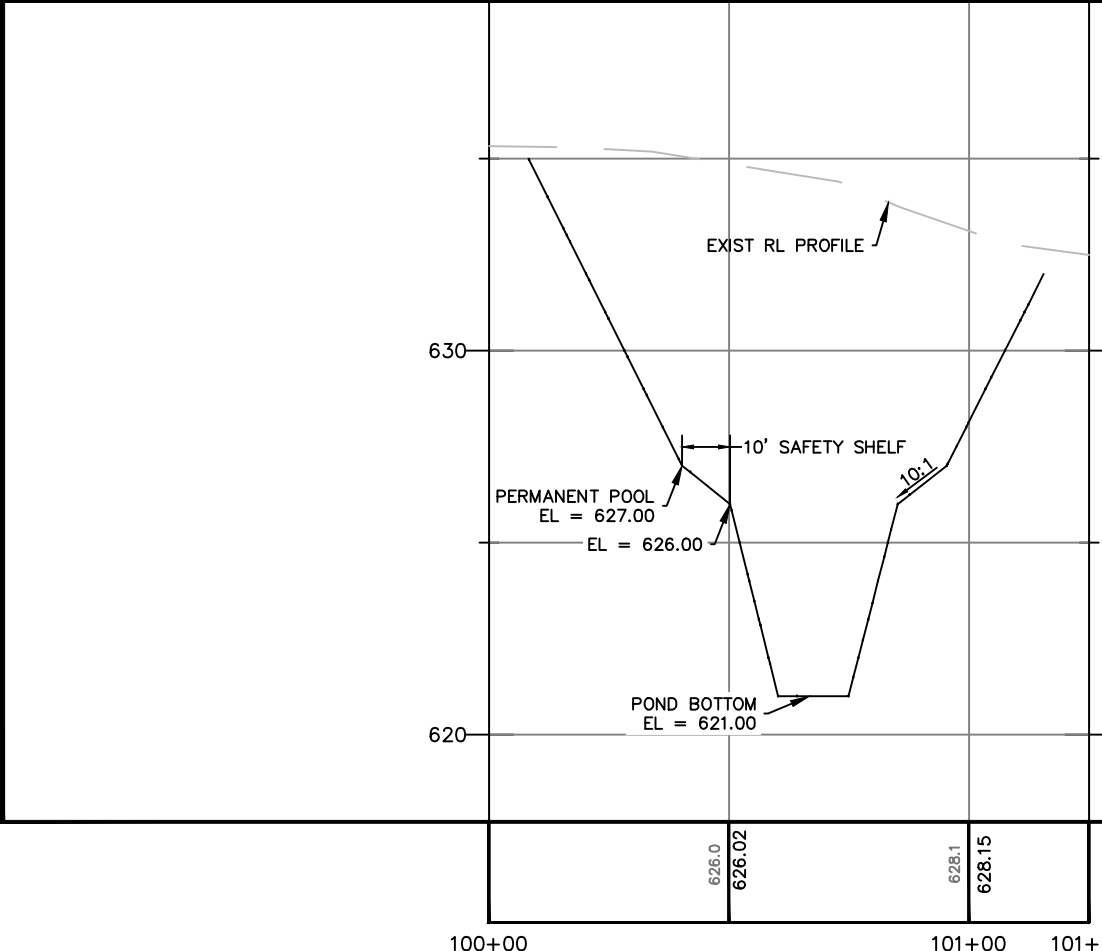
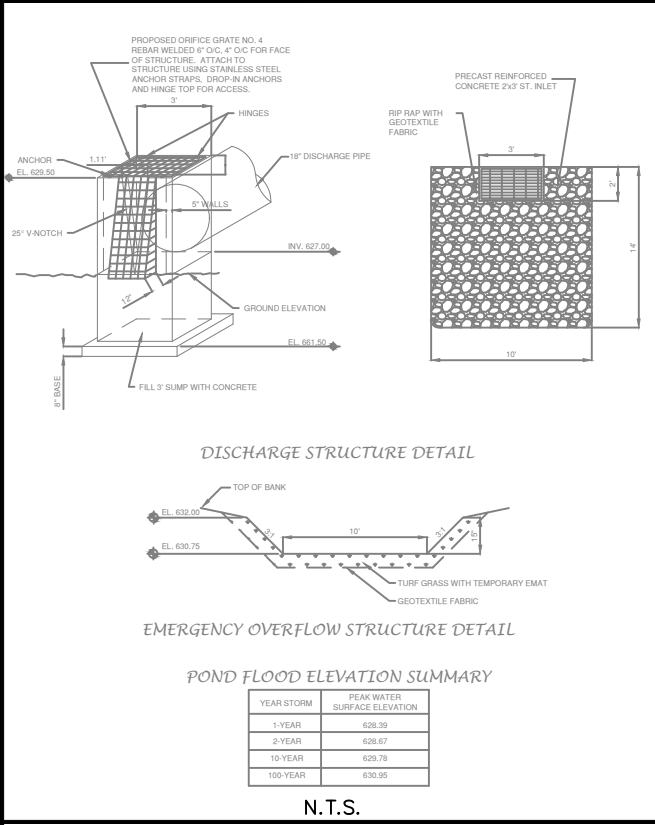
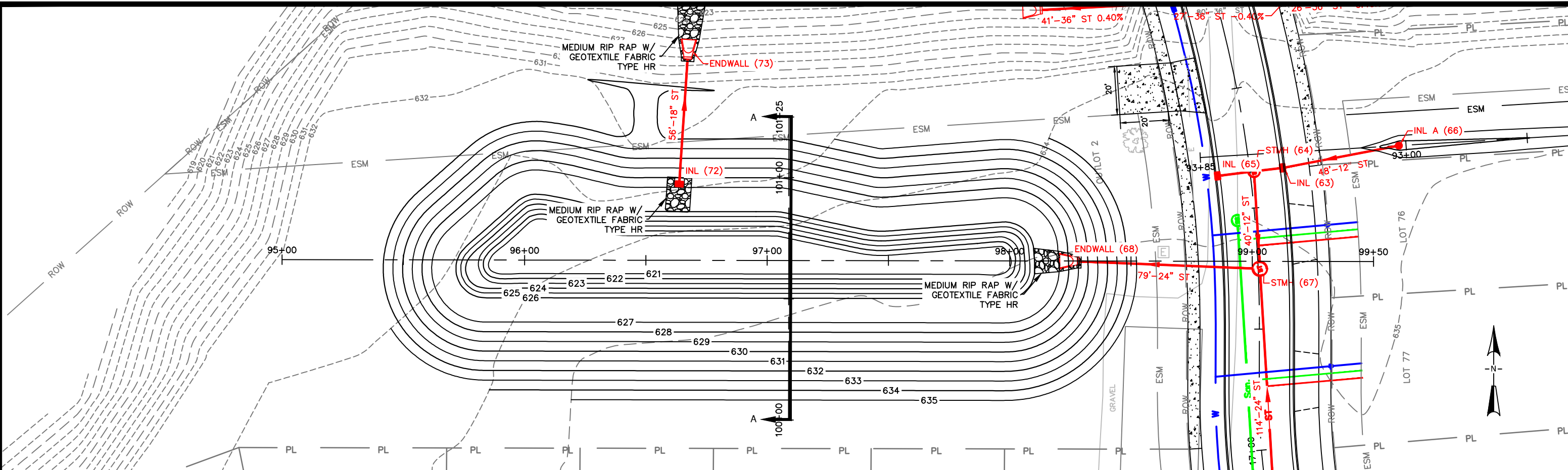
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NAME:
KINGSTON PRESERVE UTILITY
AND STREET CONSTRUCTION
PROJECT # 23 04

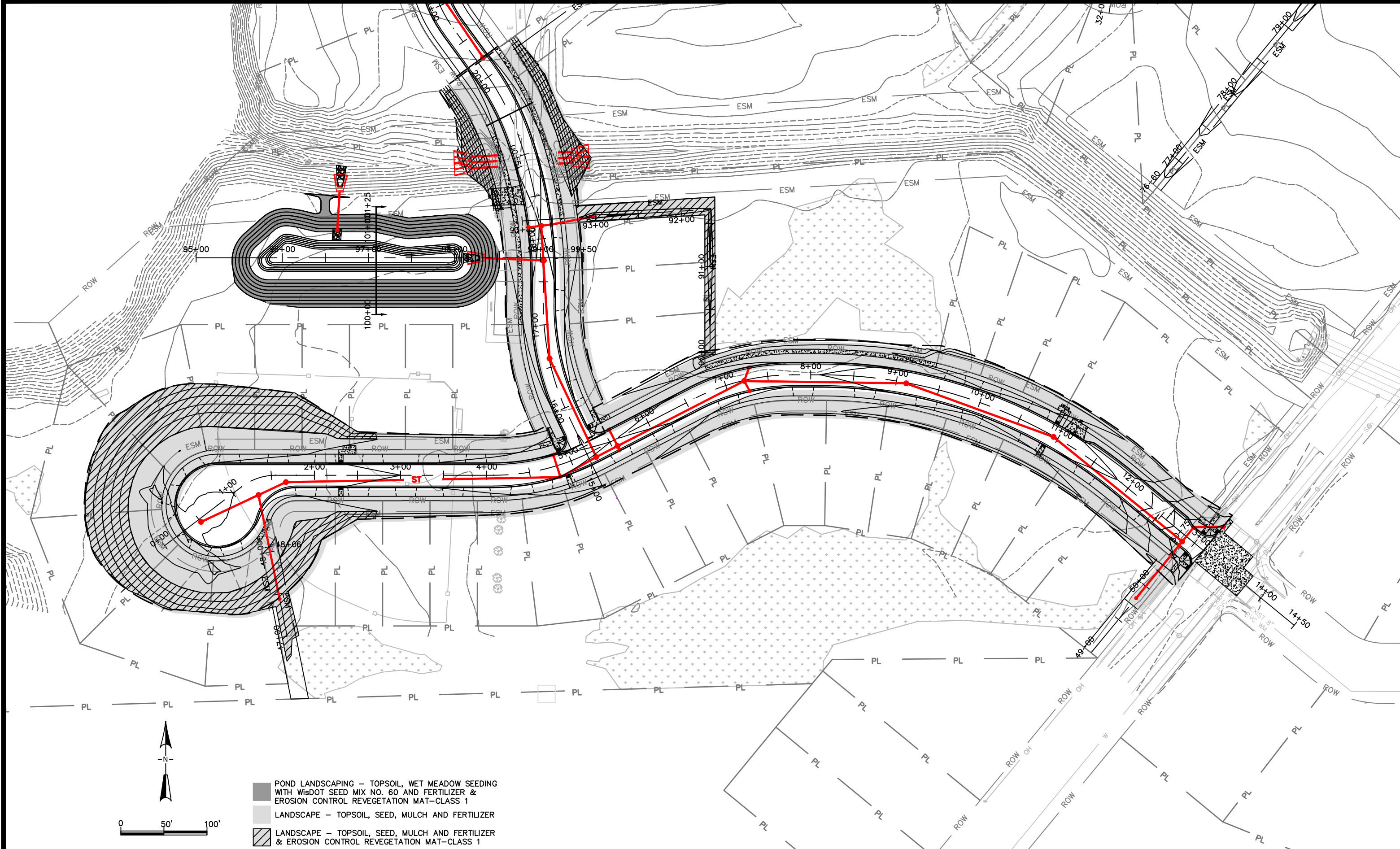
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- POND LANDSCAPING – TOPSOIL, WET MEADOW SEEDING WITH WISDOT SEED MIX NO. 60 AND FERTILIZER & EROSION CONTROL REVEGETATION MAT-CLASS 1
- LANDSCAPE – TOPSOIL, SEED, MULCH AND FERTILIZER
- LANDSCAPE – TOPSOIL, SEED, MULCH AND FERTILIZER & EROSION CONTROL REVEGETATION MAT-CLASS 1



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**KINGSTON PRESERVE
SITE GRADING AND RESTORATION PLAN**

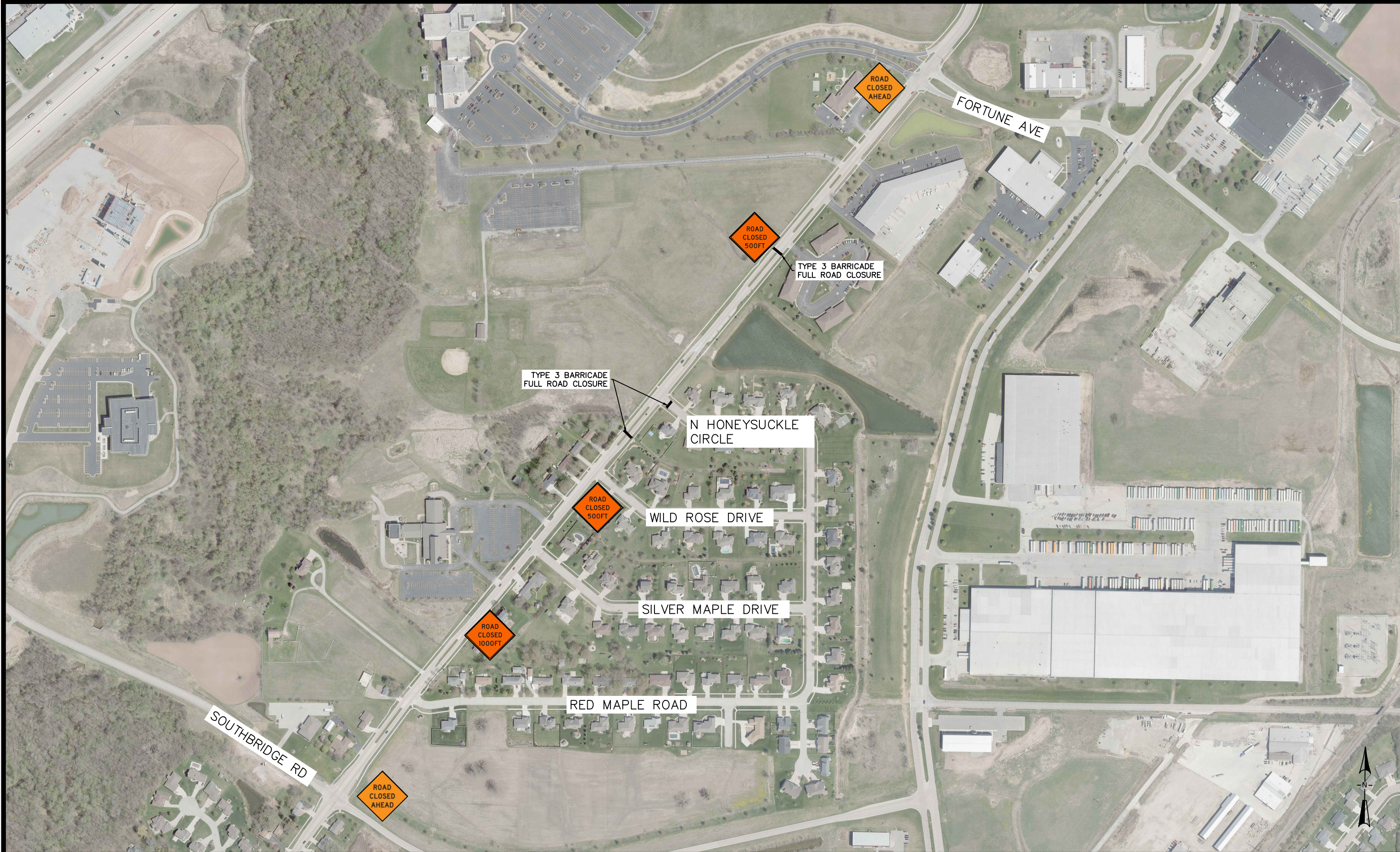
NAME:
KINGSTON PRESERVE UTILITY
AND STREET CONSTRUCTION
PROJECT # 23-04

	BY	DATE
SURVEYED	REL	09-2022
DRAWN	MAL	12-2022
DESIGNED	MAL & EPR	12-2022
CHECKED	EPR	12-2022

REVISIONS / ISSUES			
NO.	DATE	BY	REMARKS

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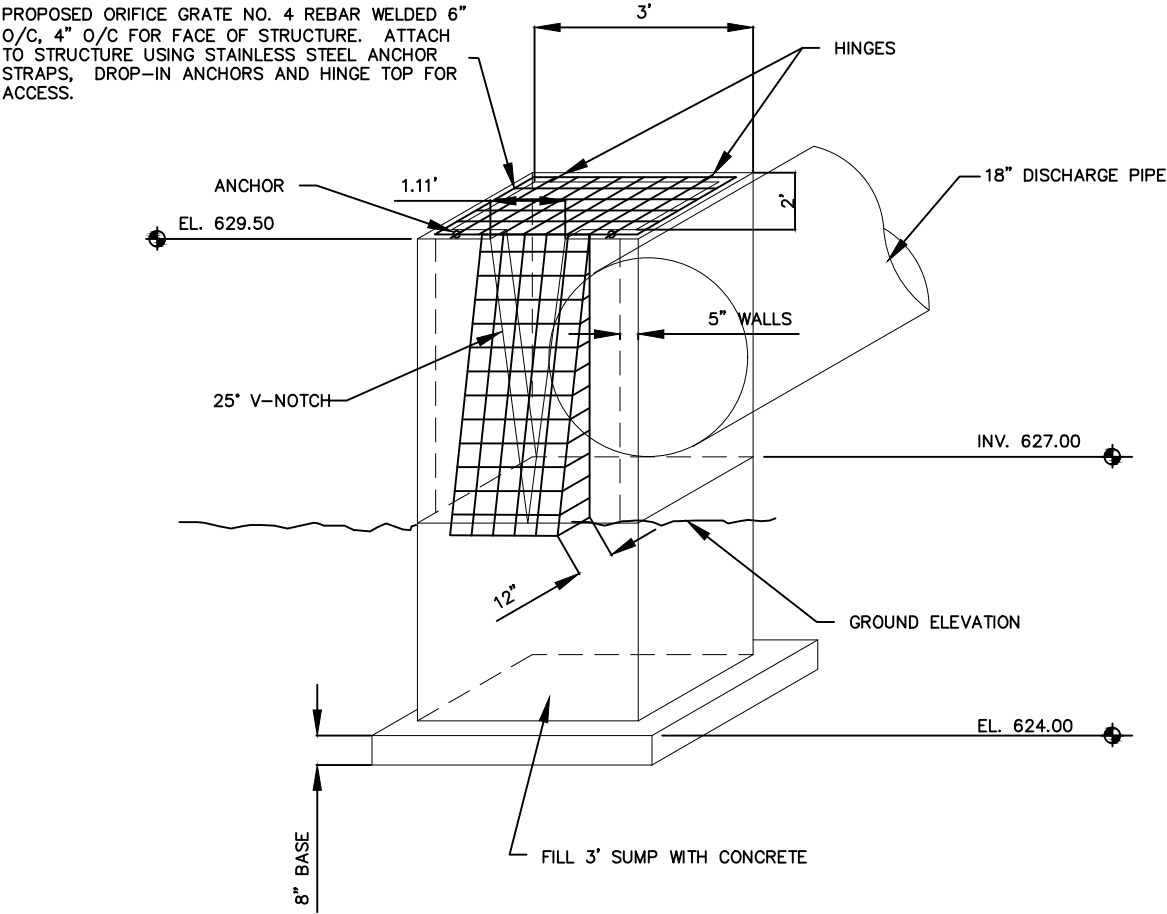
**KINGSTON PRESERVE
TRAFFIC CONTROL**

NAME:
KINGSTON PRESERVE UTILITY
AND STREET CONSTRUCTION
PROJECT # 23-04

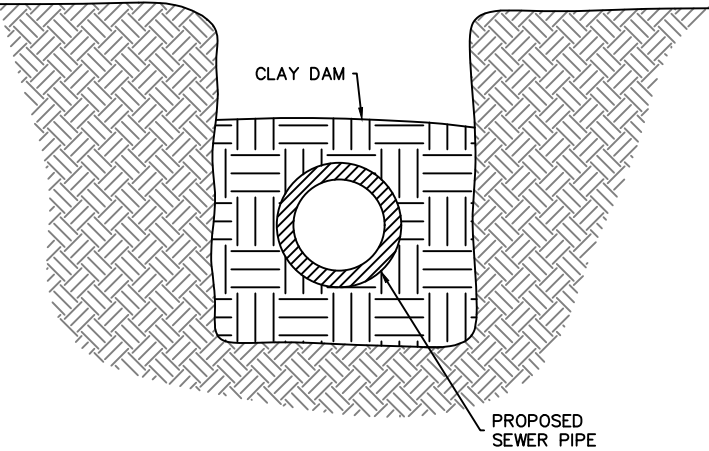
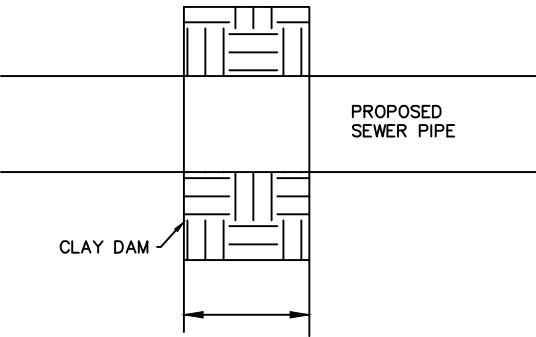
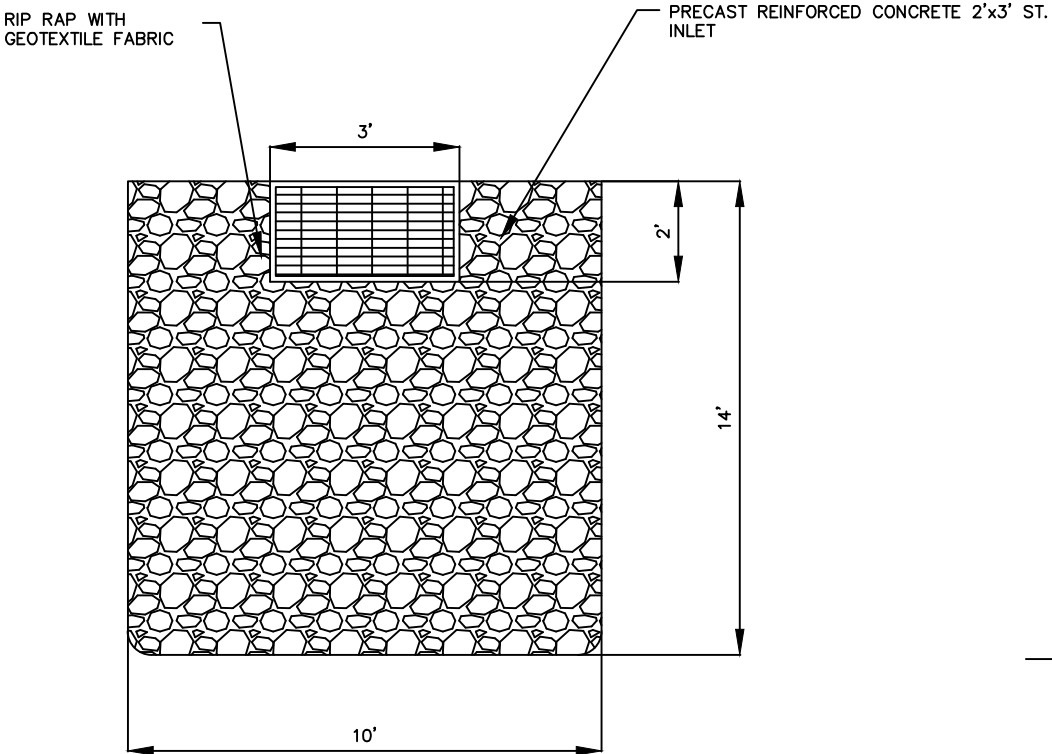
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			NO.	DATE	BY	REMARKS
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DRAWN	MAL	02-2023				
DESIGNED	MAL & EPR	02-2023				
CHECKED	EPR	02-2023				

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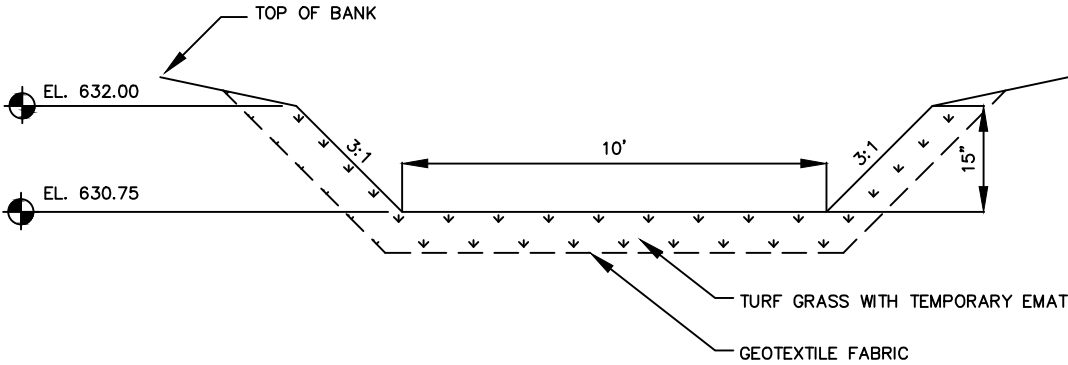
C409



DISCHARGE STRUCTURE DETAIL



CLAY DAM DETAIL
N.T.S.



EMERGENCY OVERFLOW STRUCTURE DETAIL

YEAR STORM	PEAK WATER SURFACE ELEVATION
1-YEAR	628.39
2-YEAR	628.67
10-YEAR	629.78
100-YEAR	630.95

POND FLOOD ELEVATION SUMMARY



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KINGSTON PRESERVE
CONSTRUCTION DETAILS

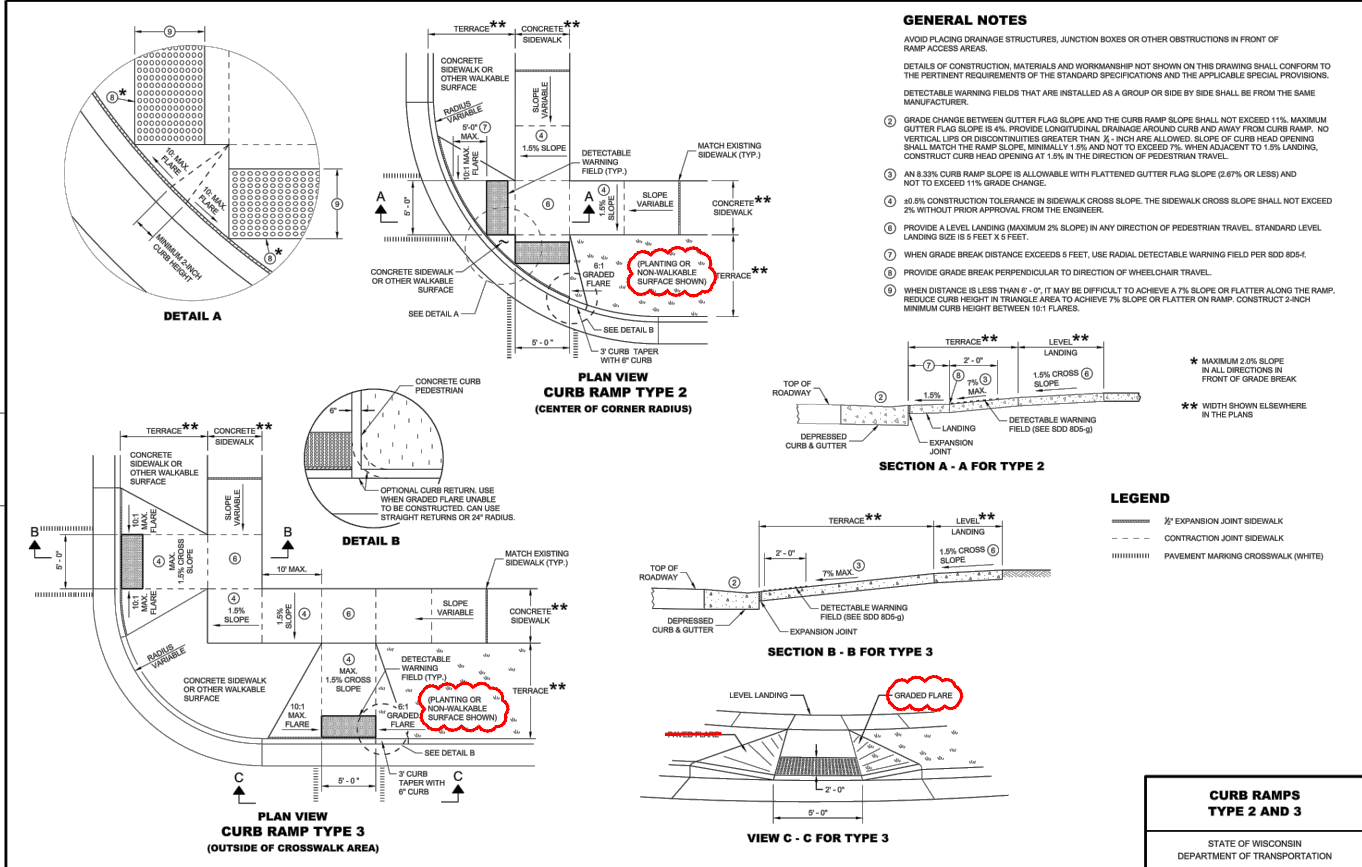
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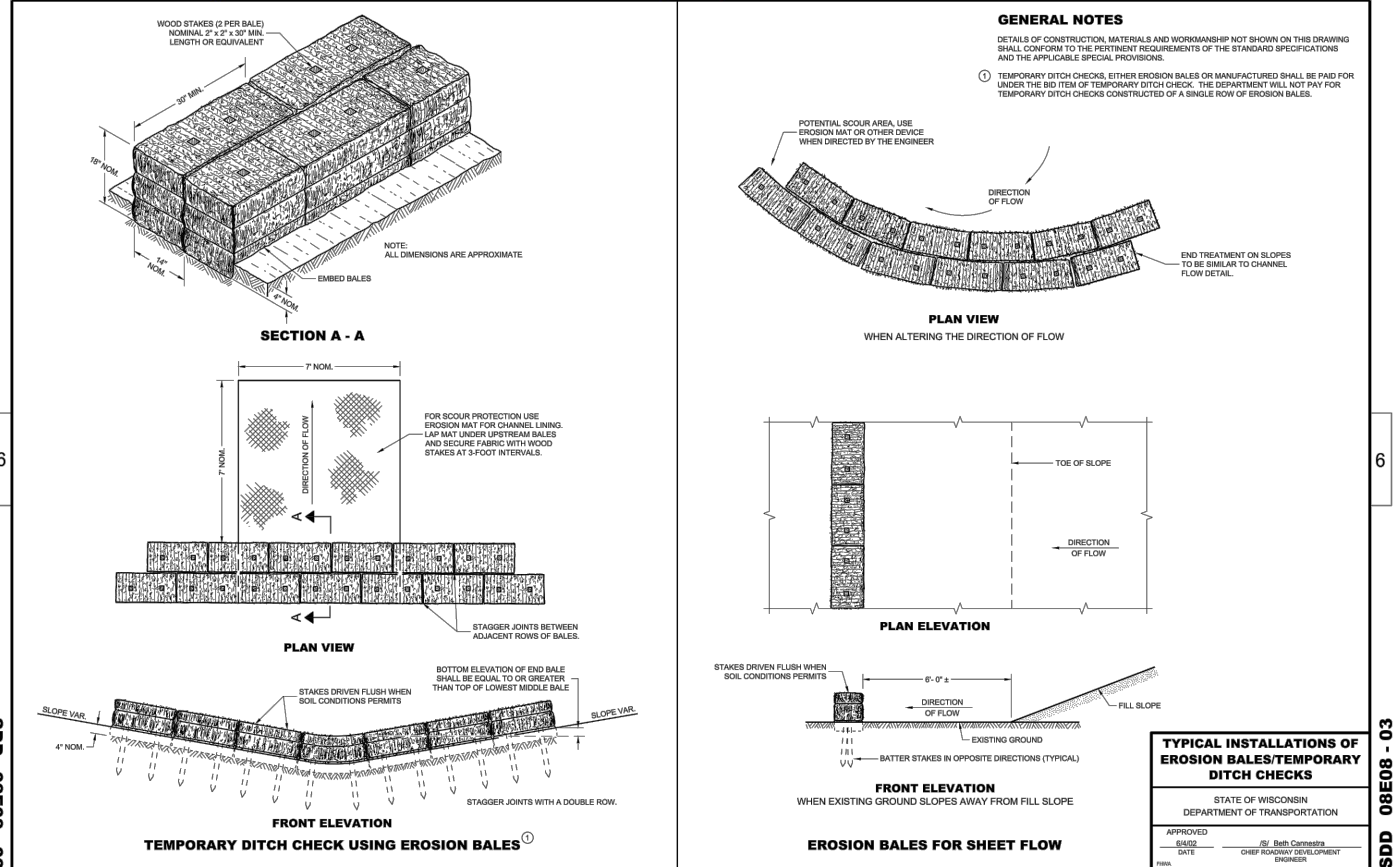
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NO.	DATE	BY	REMARKS

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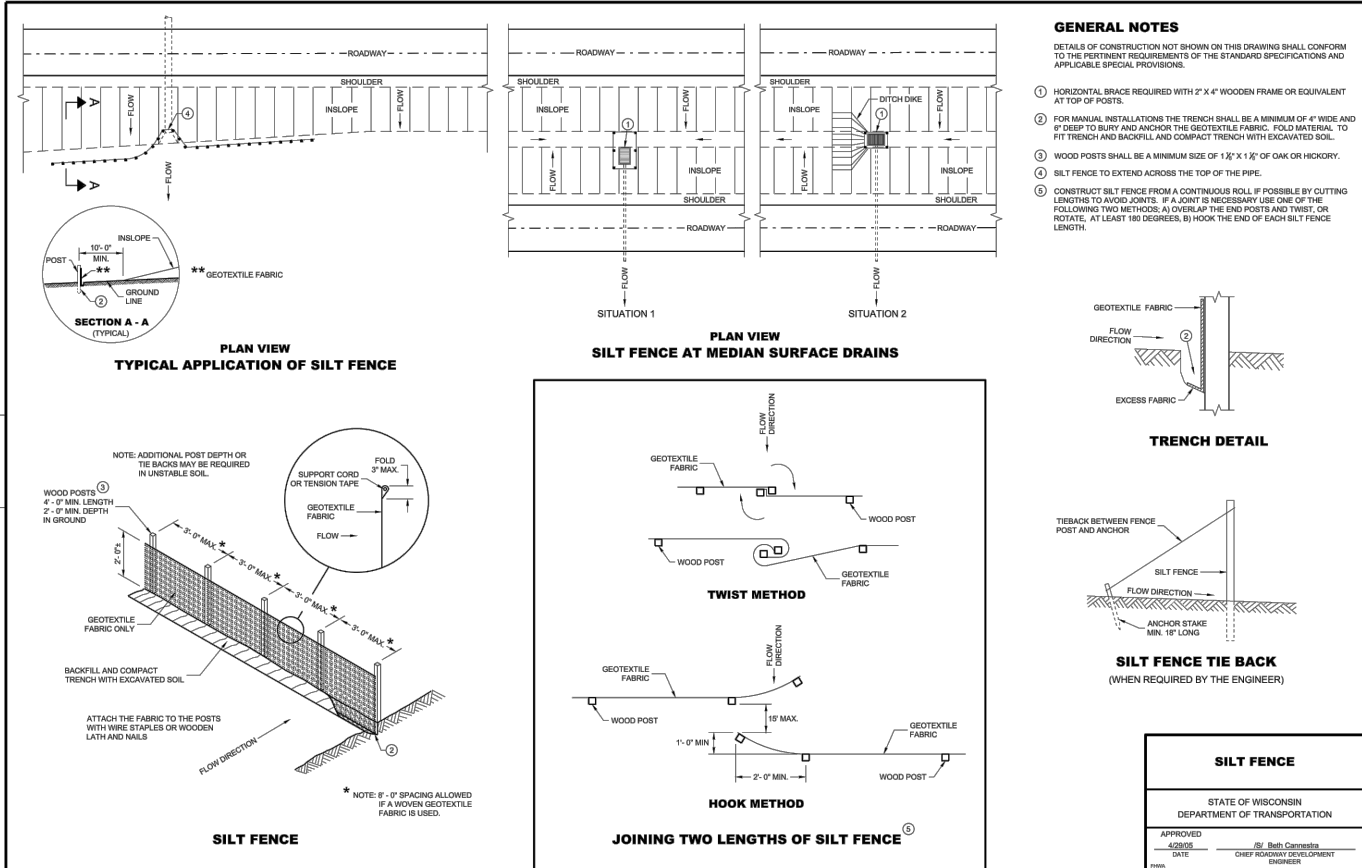
SDD 08D05-b Curb Ramps Types 2 and 3



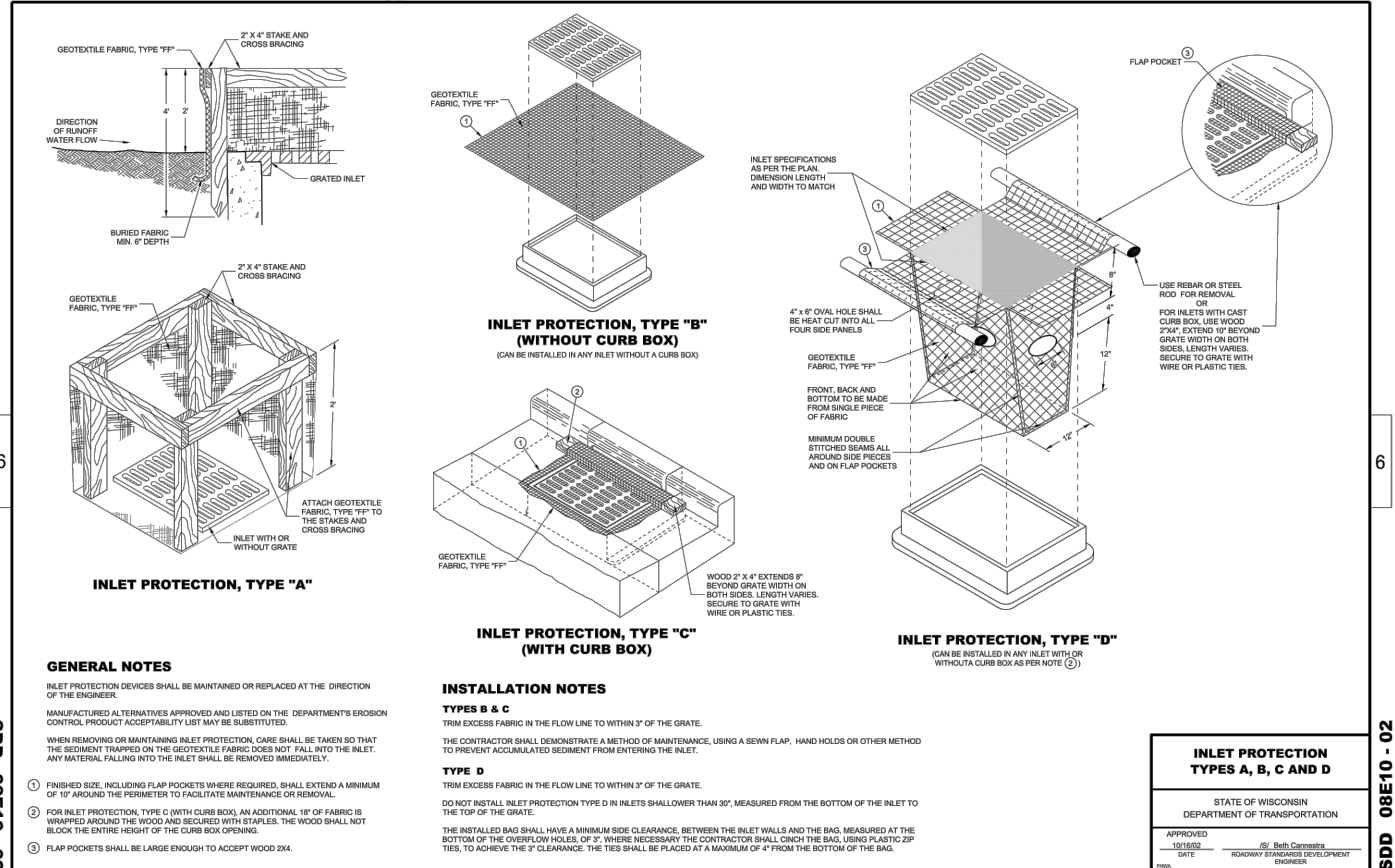
SDD 08E08 Typical Installations of Erosion Bales / Temporary Ditch Checks



SDD 08E09 Silt Fence



SDD 08E10 Inlet Protection, Types A, B, C and D



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CHECKED	EPR 11-2022

REVISIONS / ISSUES			
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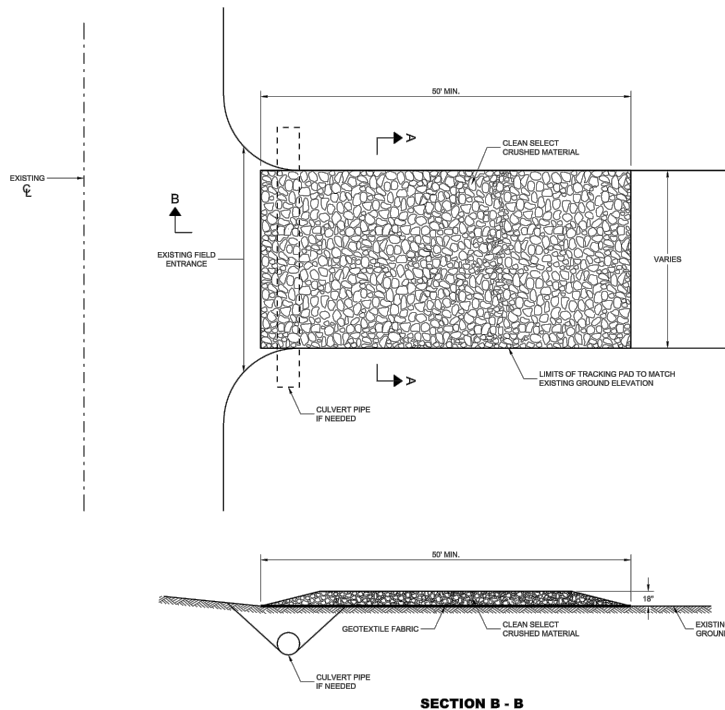
**INLET PROTECTION
TYPES A, B, C AND D**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
DATE 10/18/2022
BY Beth Carreira
CHIEF PROJECT DEVELOPMENT
ENGINEER

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SDD 08E14 Tracking Pad



GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

TRACKING PAD SHALL BE INSPECTED DAILY. DEFICIENT AREAS SHALL BE REPAIRED OR REPLACED IMMEDIATELY.

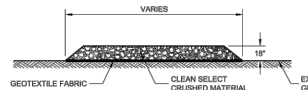
TRACKING PAD TO BE REMOVED AFTER CONSTRUCTION IS COMPLETED.

TRACKING PAD SHALL BE THE FULL WIDTH OF THE EGRESS POINT.

SURFACE WATER MUST BE PREVENTED FROM PASSING THROUGH THE TRACKING PAD. FLOWS SHALL BE DIVERTED AWAY, AROUND OR CONVEYED UNDER THE TRACKING PAD.

CULVERT PIPE OR OTHER BMP USED TO DIVERT WATER AWAY, AROUND OR UNDER THE TRACKING PAD SHALL BE DESIGNED TO CONVEY THE 2 YEAR - 24 HOUR EVENT.

THE COST OF ADDITIONAL BMP TO DIVERT WATER ARE INCIDENTAL TO THE TRACKING PAD BID ITEM.



SECTION A - A

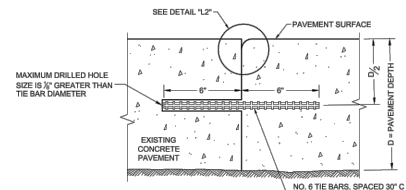
TRACKING PAD

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

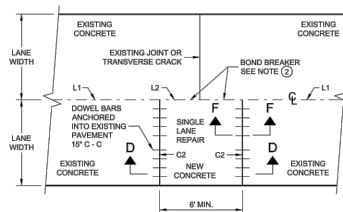
APPROVED: *[Signature]* DATE: *[Date]*
BY: *[Signature]* ROADWAY STANDARD DEVELOPMENT ENGINEER

GENERAL NOTES

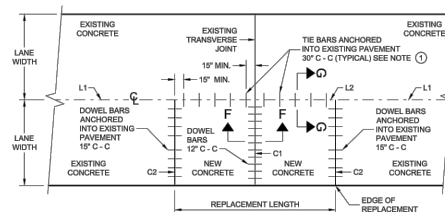
- WITH THE APPROVAL OF THE ENGINEER, FOR SINGLE LANE PAVEMENT REPLACEMENTS LESS THAN 30 FEET IN LENGTH, THE CONTRACTOR MAY INSTALL DRILLED TIE BARS ON 6" BREW HORIZONTALLY. DIRECTION OF BREW ALTERNATING WITH EACH SUCCESSIVE BAR. DRIVE BREWED TIE BARS TO A DEPTH OF 6 INCHES IN A HOLE OF SUCH A DIAMETER AS TO PROVIDE A TIGHT DRIVE ETC.
- USE AN ENGINEER APPROVED BOND BREAKER (E.G. RELEASE AGENT, CURING COMPOUND) FOR SINGLE LANE REPAIRS UP TO 15 FEET IN LENGTH.
- ANCHOR TIE BARS INTO DRILLED HOLES WITH AN EPOXY.



SECTION G - G
TIE BARS ANCHORED INTO EXISTING PAVEMENT



PLAN VIEW
SINGLE LANE CONCRETE PAVEMENT REPAIR

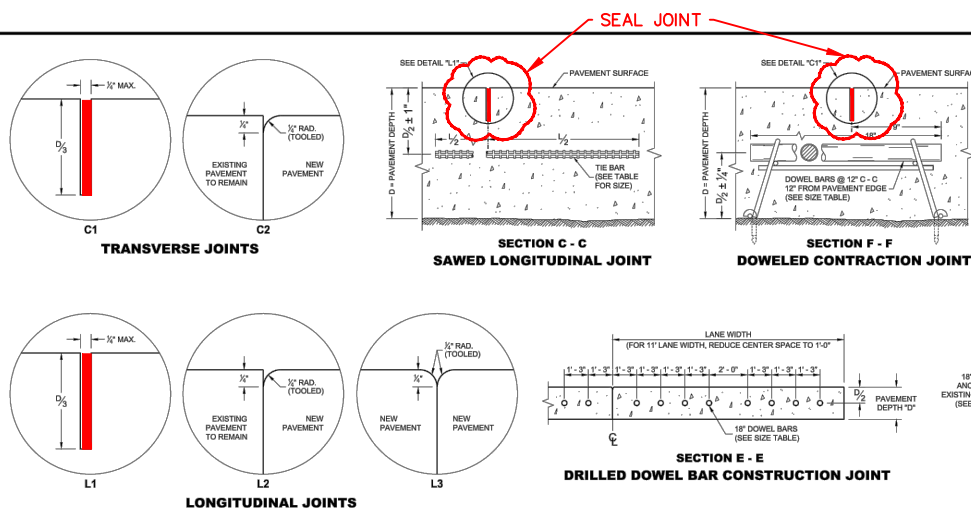


PLAN VIEW
SINGLE LANE CONCRETE PAVEMENT REPLACEMENT

CONCRETE PAVEMENT REPAIR AND REPLACEMENT

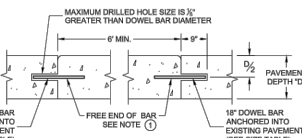
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED: *[Signature]* DATE: *[Date]*
BY: *[Signature]* PAVEMENT SUPERVISOR



GENERAL NOTES

- INSTALL DOWEL BARS PARALLEL TO THE PAVEMENT CENTERLINE AND PAVEMENT SURFACE.
- CONCRETE PAVEMENT REPAIRS OF EXISTING NON-DOWELED CONCRETE PAVEMENTS DO NOT NEED TO BE DOWELED.
- ANCHOR DOWEL BARS AND TIE BARS INTO DRILLED HOLES WITH AN EPOXY.
- FOR MULTILANE CONCRETE PAVEMENT REPLACEMENTS, PROVIDE A MINIMUM DISTANCE OF 15 INCHES FROM ALL TRANSVERSE JOINTS OR EDGES OF REPLACEMENT TO THE CENTER OF THE TIE BAR NEAREST THAT JOINT OR EDGE.
- APPLY A THIN UNIFORM COATING OF SURFACE TREATMENT TO THE FREE END OF DOWEL BARS TO PREVENT BONDING.



SECTION D - D

PAVEMENT DEPTH (D)	TIE BAR SIZE	TIE BAR LENGTH (L)	MAX. TIE BAR SPACING
< 10 1/2"	NO. 4	30"	36"
10 1/2" - 12"	NO. 5	36"	36"
> 12"	NO. 6	36"	24" **

* SUBSTITUTE BENT BARS AT LONGITUDINAL JOINTS WHEN EQUIPMENT LIMITATIONS DURING CONSTRUCTION WARRANT (e.g. AUXILIARY LANES OR TURN LANES)

** CONFORM TO 15" MINIMUM SPACING FROM TRANSVERSE JOINTS; SPACING BETWEEN TIE BARS WILL BE 30" AT TRANSVERSE JOINTS.

PAVEMENT DEPTH (D)	DOWEL BAR DIAMETER	DRILLED DOWEL BAR DIAMETER	CONTRACTION JOINT SPACING
6", 8 1/2"	NONE	NONE	12"
7", 7 1/2"	1"	1"	14"
8" & ABOVE	1 1/2"	1 1/2"	15"

CONCRETE PAVEMENT REPAIR AND REPLACEMENT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

SDD 15D45 Traffic Control, Signing on Roadways With Loose Gravel

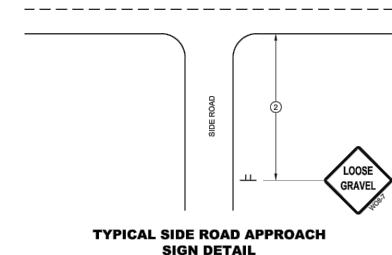
GENERAL NOTES

- DRAWING NOT TO SCALE. ALL SIGNS AND POSTS ON THIS SHEET SHALL BE PAID FOR WITH 'TRAFFIC CONTROL SIGN' BID ITEM. ALL SIDE ROADS WHICH ARE UNDER CONSTRUCTION OF CURB AND GUTTER AND/OR GRADING SHALL BE ADEQUATELY SIGNED.
- ALL SIGNS AND DEVICES SHALL BE IN CONFORMANCE WITH THE WISCONSIN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (WMUTCD). SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE WISDOT STANDARD SIGN PLATES.
- "W" SIGNS ARE THE SAME AS "Y" SIGNS EXCEPT THAT THE BACKGROUND IS ORANGE.
- ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.
- THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.
- ALL SIGNS APPROPRIATE TO THE STATUS OF THE CONTROL ZONE, INCLUDING PRE-EXISTING SIGNS IN THE VICINITY, SHALL BE COVERED OR REMOVED AS DIRECTED BY THE ENGINEER.
- SEE 15034 FOR ADDITIONAL TRAFFIC CONTROL SIGNING WHEN CENTERLINE PAVEMENT MARKINGS ARE MISSING. "DO NOT PASS" SIGNS MUST BE INSTALLED ON THE SAME DAY AS MILLING OPERATIONS.

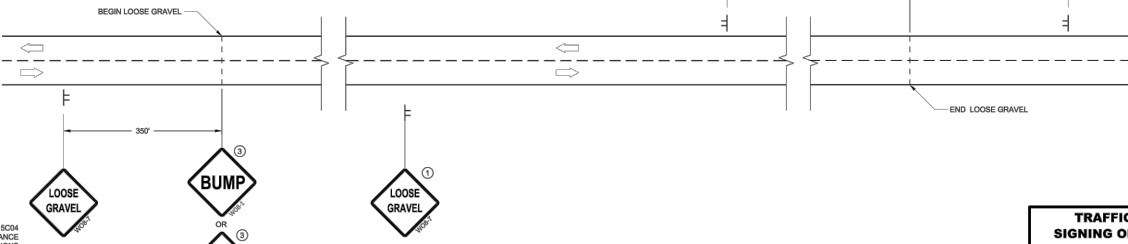
- PLACE SIGNS 350' IN ADVANCE OF CHIP SEALED OR LOOSE GRAVEL SURFACES AND AT 1 MILE INTERVALS, OR AS DIRECTED BY THE ENGINEER.
- PLACE SIGN 200' MIN. FROM INTERSECTION AND 200' MIN. AFTER ADVANCE WARNING SIGN SHOWN IN SDD 15034.
- ADD W08-1 OR W08-2 SIGN WHEN THE CONDITION IS PRESENT.

LEGEND

- T SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC



TYPICAL SIDE ROAD APPROACH SIGN DETAIL



DETAIL FOR SIGNING ON LOOSE GRAVEL OR CHIP SEALED SURFACES

TRAFFIC CONTROL SIGNING ON ROADWAYS WITH LOOSE GRAVEL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED: *[Signature]* DATE: *[Date]*
BY: *[Signature]* WORK ZONE ENGINEER



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