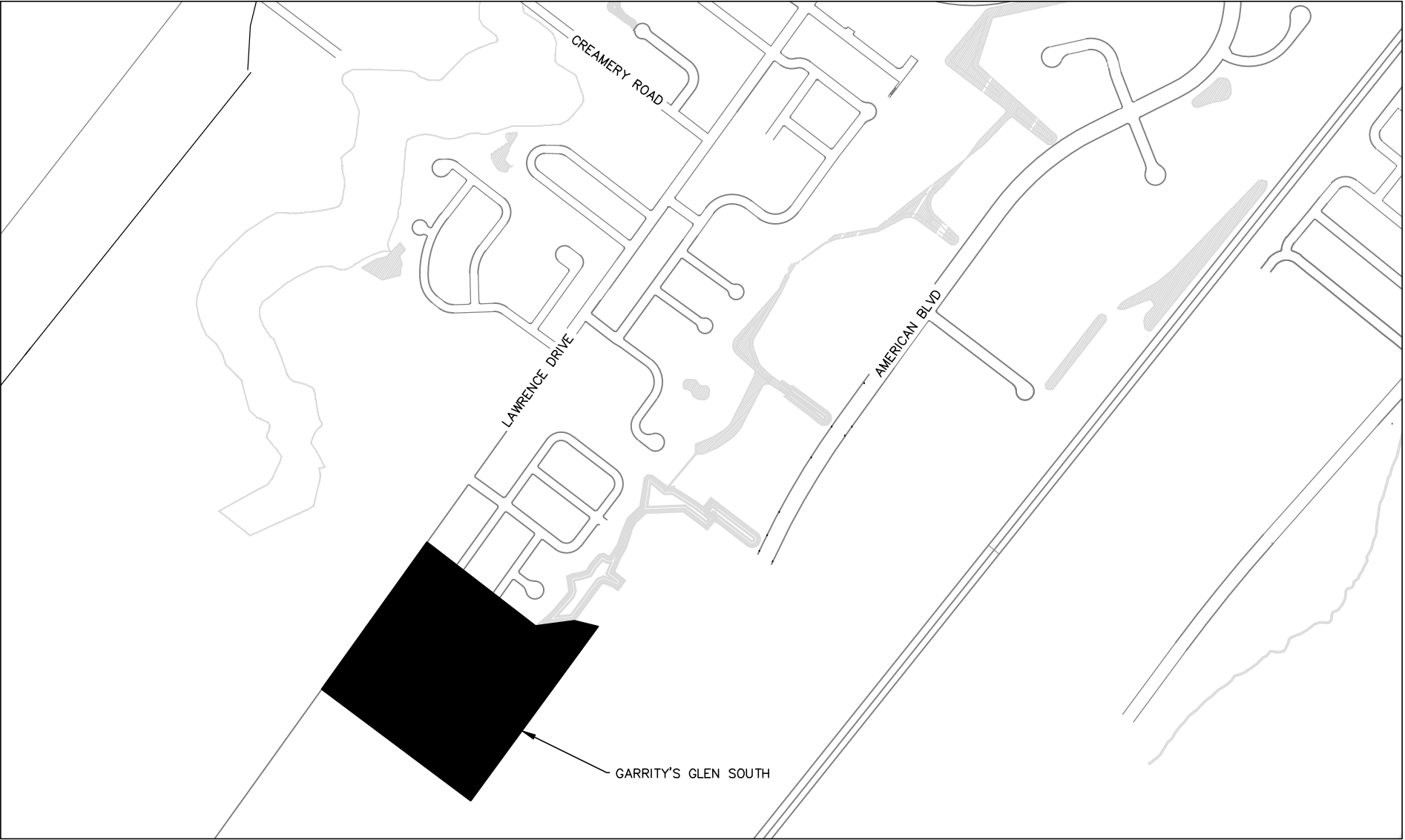


PROJECT# 19-11
GARRITY'S GLEN SOUTH
SUBDIVISION CONSTRUCTION

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 OVERALL SHEET LAYOUT
G004-G005	TYPICAL SECTIONS
G006	EXISTING CONDITIONS AND DEMOLITION PLAN
G007	EXISTING CONDITIONS POND PLAN
G008	STAGING PLAN
C101 - C103	GARROMAN DRIVE SANITARY & WATER PLAN & PROFILE SHEETS
C104 - C106	BALLYVAUGHAN ROAD SANITARY & WATER PLAN & PROFILE SHEETS
C107 - C109	KILRUSH ROAD SANITARY & WATER PLAN & PROFILE SHEETS
C110 - C112	TIPPERARY TRAIL SANITARY & WATER PLAN & PROFILE SHEETS
C113 - C114	LAWRENCE DRIVE SANITARY, WATER & STORM PLAN & PROFILE SHEETS
C115 - C117	GARROMAN DRIVE STORM & STREET PLAN & PROFILE SHEETS
C118 - C120	BALLYVAUGHAN ROAD STORM & STREET PLAN & PROFILE SHEETS
C121 - C123	KILRUSH ROAD STORM & STREET PLAN & PROFILE SHEETS
C124 - C126	TIPPERARY TRAIL STORM & STREET PLAN & PROFILE SHEETS
C127 - C128	SIDE LOTS STORM SEWER PLAN & PROFILE SHEETS
C301 - C334	CROSS SECTIONS
C401 - C404	SURVEY/MAPPING (ALIGNMENT, EROSION CONTROL)
C405	INTERSECTION DETAILS
C406 - C416	DITCHES PLAN AND PROFILES
C417 - C418	FINAL RESTORATION PLANS
C419 - C420	POND PLANS
C421	POTENTIAL LOCATIONS FOR TRENCH SPOILS PLAN
C422	GARROMAN DRIVE PAVEMENT MARKING PLAN
C501 - C507	CONSTRUCTION DETAILS

CITY OF DE PERE
BOARD OF PUBLIC WORKS

DATE	CITY ENGINEER
DATE	CITY ADMINISTRATOR
DATE	MAYOR

REVISED
09-2019

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
BLDG	BUILDING	OBLIT	OBLITERATE
BM	BENCHMARK	OD	OUTSIDE DIAMETER
BOW	BACK OF SIDEWALK	PC	POINT OF CURVATURE
BSMT	BASEMENT	PCC	POINT OF COMPOUND CURVE
C	CUT	PCC	PORTLAND CEMENT CONCRETE
C&G	CURB AND GUTTER	PED	PEDESTAL
C/C	CENTER TO CENTER	PLE	PERMANENT LIMITED EASEMENT
CABC	CRUSHED AGGREGATE BASE COURSE	PVMT	PAVEMENT
CB	CATCH BASIN	PE	PRIVATE ENTRANCE
CE	CONSTRUCTION ENTRANCE	PI	POINT OF INTERSECTION
CI	CAST IRON PIPE	PJF	PRE-FORMED JOINT FILLER
CL	CENTERLINE	PL	PROPERTY LINE
CMP	CORRUGATED METAL PIPE	POC	POINT OF CURVE
CNTY	COUNTY	POT	POINT ON TANGENT
CO	CLEANOUT	PP	POLYETHYLENE
CONC	CONCRETE	PRC	POINT OF REVERSE CURVATURE
CONSTR	CONSTRUCTION	PROJ	PROJECT
CONSTR JT	CONSTRUCTION JOINT	PROP	PROPOSED
CP	CONTROL POINT	PSI	POUND PER SQUARE INCH
CTH	COUNTY TRUNK HIGHWAY	PT	POINT OF TANGENCY
CTRL JT	CONTROL JOINT	PVC	POLYVINYL CHLORIDE
CTV	CABLE TV	R	RANGE OR RADIUS
CY	CUBIC YARD	RCP	REINFORCED CONCRETE PIPE
D	DEPTH	REBAR	REINFORCEMENT BAR
DIA	DIAMETER	REL	RELOCATE
DI	DUCTILE IRON PIPE	REM	REMAINING
DISCH	DISCHARGE	REQD	REQUIRED
DW	DRIVEWAY	RL	REFERENCE LINE
E	EAST (SEE ELEC BELOW)	ROW	RIGHT OF WAY
EA	EACH	RP	REFERENCE POINT
EB	EASTBOUND	RR	RAILROAD
EBS	EXCAVATION BELOW SUBGRADE	RT	RIGHT
ECS	EXTERNAL CHIMNEY SEAL	RW	RETAINING WALL
EL	ELEVATION	S	SOUTH
ELEC	ELECTRIC (E WHEN USED IN LINE STYLE)	SALV	SALVAGE
EMB	EMBANKMENT	SAN	SANITARY
ENTR	ENTRANCE	SB	SOUTHBOUND
EP	EDGE OF PAVEMENT	SDWK	SIDEWALK
EW	ENDWALL	SE	SOUTHEAST
EXC	EXCAVATION	SF	SQUARE FEET
EXIST	EXISTING	SHLDR	SHOULDER
F	FILL	SY	SQUARE YARD
F/F	FACE TO FACE	SS	STORM SEWER
FDN	FOUNDATION	SSD	STOPPING SIGHT DISTANCE
FE	FIELD ENTRANCE	STA	STATION
FERT	FERTILIZER	STD	STANDARD
FIN GR	FINISHED GRADE	STH	STATE HIGHWAY TRUNK
FL	FLOWLINE	STM	STORM
FO	FIBER OPTIC	STP	SEWAGE TREATMENT PLANT
FOW	FRONT OF SIDEWALK	STRUCT	STRUCTURE OR STRUCTURAL
FT	FOOT	SW	SOUTHWEST
FTG	FOOTING	TAN	TANGENT
G	GAS	T	TOWN (T WHEN USED FOR TELEPHONE LINE)
GV	GAS VALVE	TEL	TELEPHONE
GW	GUY WIRE	TEMP	TEMPORARY
HDPE	HIGH DENSITY POLYETHYLENE	TLE	TEMPORARY LIMITED EASEMENT
HR	HANDICAP RAMP	TOC	TOP OF CURB
HSE	HOUSE	TOW	TOP OF WATER
HT	HEIGHT	TRANS	TRANSITION
HYD	HYDRANT	TYP	TYPICAL
I	INTERSECTION ANGLE	UG	UNDERGROUND
ICS	INTERNAL CHIMNEY SEAL	USH	US HIGHWAY
ID	INSIDE DIAMETER	VC	VERTICAL CURVE
IN	INCH	VERT	VERTICAL
INL	INLET	VOL	VOLUME
INTERS	INTERSECTION	VPC	VERTICAL POINT OF CURVATURE
INV	INVERT	VPI	VERTICAL POINT OF INTERSECTION
IP	IRON PIPE OR PIN	VPRC	VERTICAL POINT OF REVERSE CURVE
JCT	JUNCTION	VPT	VERTICAL POINT OF TANGENCY
L	LENGTH (OF CURVE)	W	WEST
LC	LONG CHORD OF CURVE	WB	WESTBOUND
LP	LIGHTPOLE	WM	WATERMAIN
LS	LIFT STATION OR LUMP SUM	WSO	WATER SHUTOFF VALVE
LT	LEFT	WTP	WATER TREATMENT PLANT
MAINT	MAINTENANCE	WV	WATER VALVE
MATL	MATERIAL	WWTP	WASTE WATER TREATMENT PLANT
MB	MAILBOX	YD	YARD
MH	MANHOLE		
MP	MARKER POST		

MAPPING & TOPOGRAPHY SYMBOLOGY

DESCRIPTION	SYMBOL	
	EXISTING	PROPOSED
BENCHMARK		
BUSH		
CATCH BASIN		
CABLE TV BOX		
CONTROL POINT		
ELECTRICAL BOX		
EROSION CONTROL - INELT		
FIELD INLET		
GAS VALVE		
HEDGE		
HYDRANT		
IRON PIPE		
LIGHTPOLE		
MAILBOX		
MANHOLE ELECTRIC		
MANHOLE SANITARY		
MANHOLE STORM		
MONITORING WELL		
POWER POLE		
SIGN BASE		
SIGN		
SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE		
SIGNAL HEAD, TRAFFIC SIGNAL POLE, TRANSFORMER BASE		
STUMP		
TELEPHONE MANHOLE		
TELEPHONE PEDESTAL		
TREE		
WELL		
WATER SERVICE 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 LINE	Esm	
SILT FENCE EROSION CONTROL		
EXISTING FIBER OPTIC	615	
EXISTING MAJOR CONTOUR	612	
EXISTING MINOR CONTOUR	615	
PROPOSED MAJOR CONTOUR	612	
PROPOSED MINOR CONTOUR		

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			

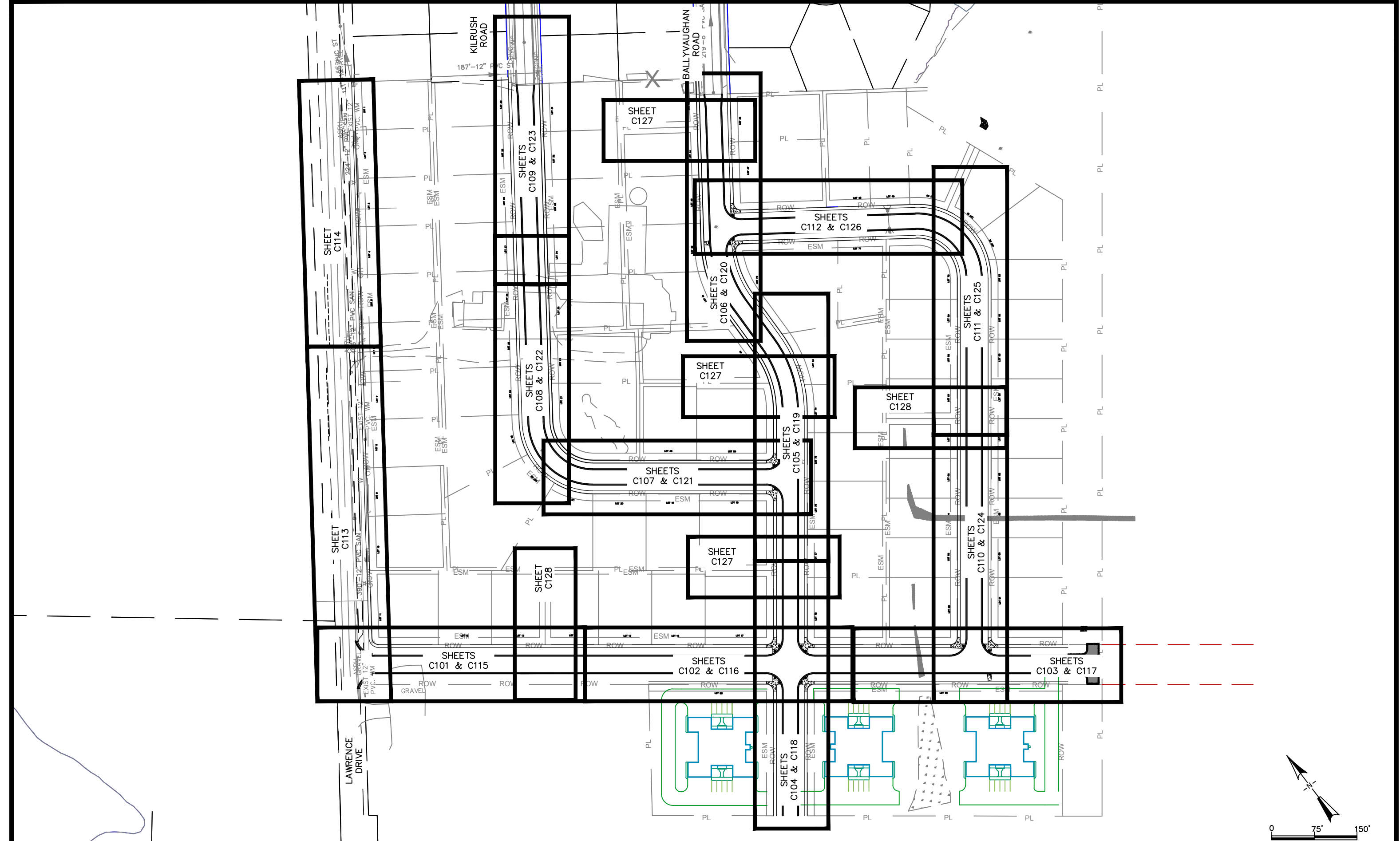


CITY OF DE PERE

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

STANDARD ABBREVIATIONS
AND SYMBOLS

NAME: GARRITY'S GLEN SOUTH SUBDIVISION CONSTRUCTION	REVISIONS / ISSUES				PAGE NO. G002
	NO.	DATE	BY	REMARKS	
PROJECT #	19-11				
	SURVEYED	BY	DATE		
	DRAWN	KAD	10-2018		
	DESIGNED				
	CHECKED				



CITY OF DE PERE

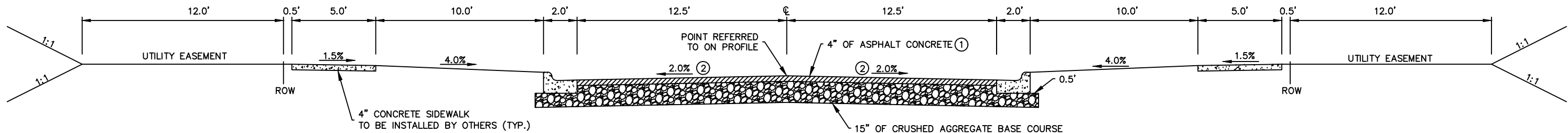
ENGINEERING DIVISION 925 S. SIXTH ST DE PERE WI 54115
OFFICE 920-339-4061 FAX 920-339-4071

**GARRITY'S GLEN SOUTH
OVERALL SHEETS LAYOUT**

NAME:
GARRITY'S GLEN SOUTH
SUBDIVISION CONSTRUCTION
PROJECT # 19-11

	BY	DATE
SURVEYED	MACH IV	8-2018
DRAWN	SRL	5-2019
DESIGNED	SRL	5-2019
CHECKED	EPR	5-2019

REVISIONS / ISSUES			
NO.	DATE	BY	REMARKS



BALLYVAUGHAN ROAD, KILRUSH ROAD, AND TIPPERARY TRAIL
TYPICAL SECTIONS

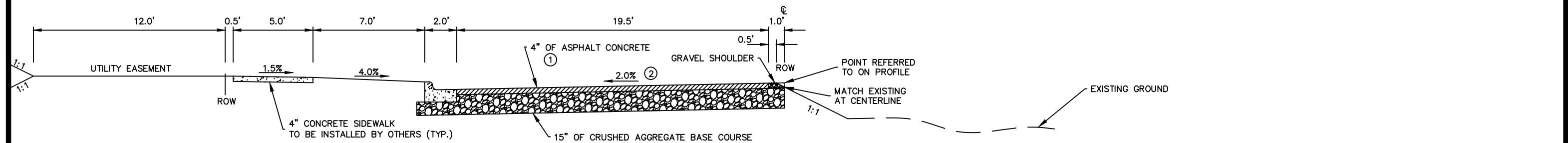
① 4" ASPHALTIC CONCRETE PAVEMENT CONSISTS OF
(2.25" BINDER COURSE: 3 LT 58-28 S)
(1.75" SURFACE COURSE: 4 LT 58-28 S)
ASPHALT SURFACE COURSE TO BE INSTALLED BY OTHERS.

② CROSS SLOPE VARIES THROUGH
BALLYVAUGHAN ROAD AS FOLLOWS:
(SEE INTERSECTION SHEET C405)

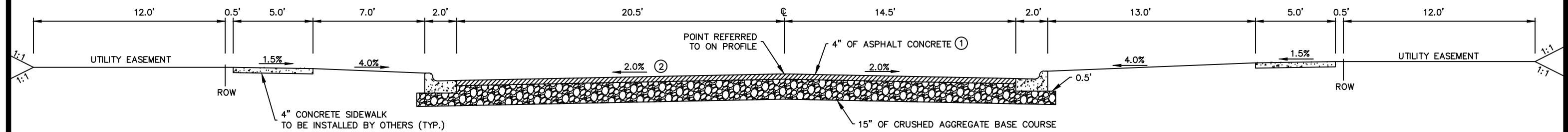
LEFT SIDE
STATION 21+04.5 TO 21+46.5 - 2.00% TO 1.00%
STATION 21+46.5 TO 21+88.5 - 1.00% TO 2.00%

RIGHT SIDE
STATION 25+71.3 TO 26+18.3 - 2.00% TO 0.72%
STATION 26+18.3 TO 26+60.3 - 0.72% TO 2.00%

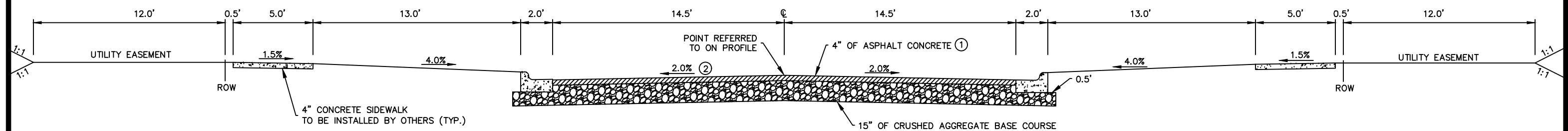




STATION 45+97 TO 50+61



STATION 50+61 TO 52+35.5



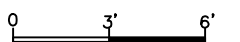
STATION 52+69 TO 58+00

**TYPICAL SECTION
GARROMAN DRIVE**

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)
ASPHALT SURFACE COURSE TO BE INSTALLED BY OTHERS.

② CROSS SLOPE VARIES THROUGH
GARROMAN DRIVE AS FOLLOWS:
(SEE INTERSECTION SHEET C405)

LEFT SIDE
STATION 45+80 TO 51+75 - 2.00%
STATION 51+75 TO 52+00 - 2.00% TO 2.50%
STATION 52+00 TO 52+58 - 2.50%
STATION 52+58 TO 52+69 - 2.50% TO 2.76%
STATION 52+69 TO 53+11.5 - 2.76% TO 2.00%
STATION 53+11.5 TO 55+50 - 2.00%
STATION 55+50 TO 55+92 - 2.00% TO 3.00%
STATION 55+92 TO 56+35 - 3.00% TO 2.00%
STATION 56+32 TO 58+00 - 2.00%

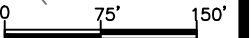
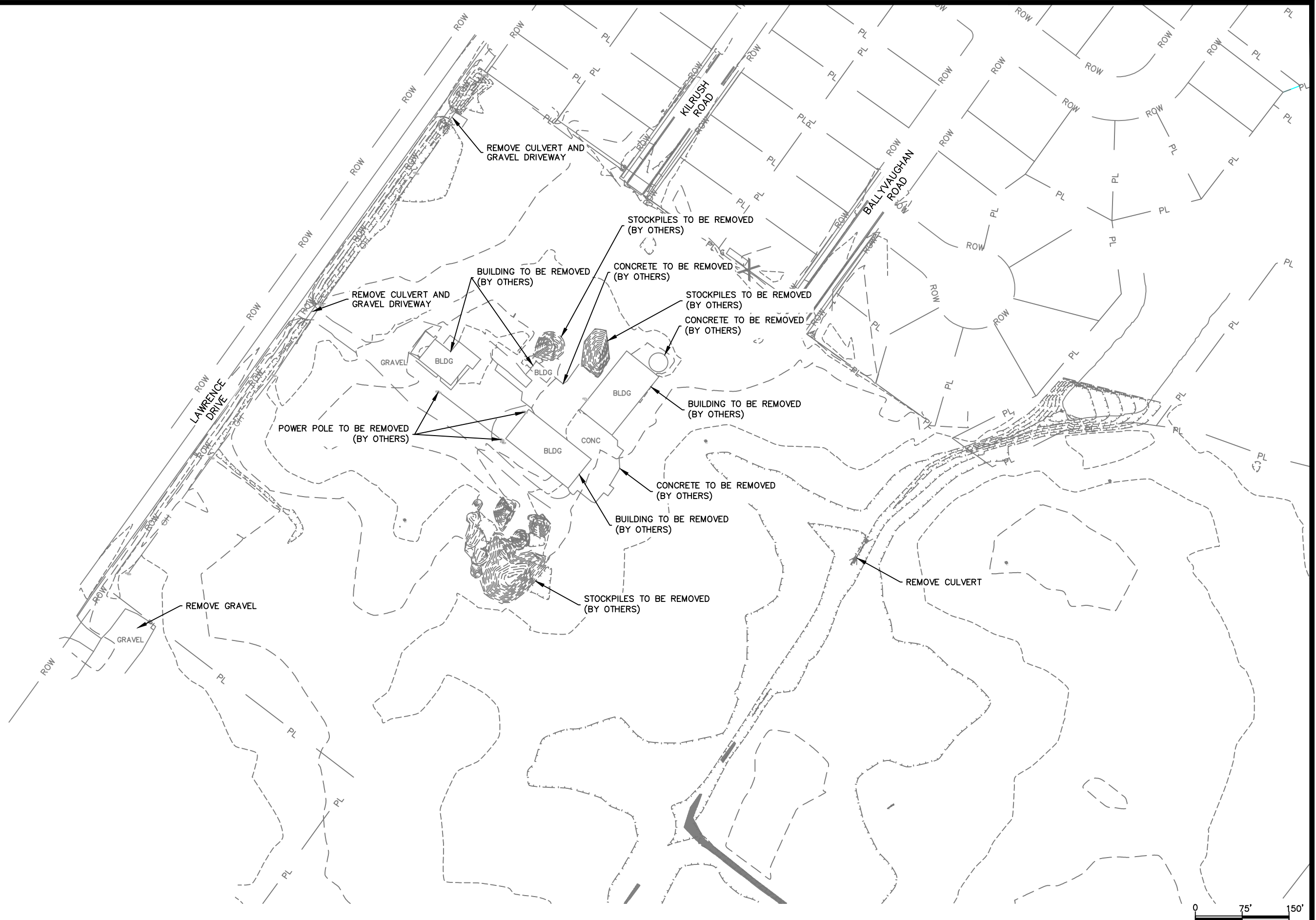
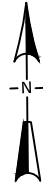


CITY OF DE PERE

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

**GARRITY'S GLEN SOUTH
TYPICAL SECTIONS**

NAME:	BY	DATE	NO.	DATE	BY	REMARKS
GARRITY'S GLEN SOUTH SUBDIVISION CONSTRUCTION	MACH IV	8-2018	1	9/2019	SRL	GARROMAN ROAD WIDTHS
PROJECT #	DRAWN	DESIGNED	CHECKED	BY	DATE	REMARKS
19-11	SRL	SRL	EPR			



CITY OF DE PERE

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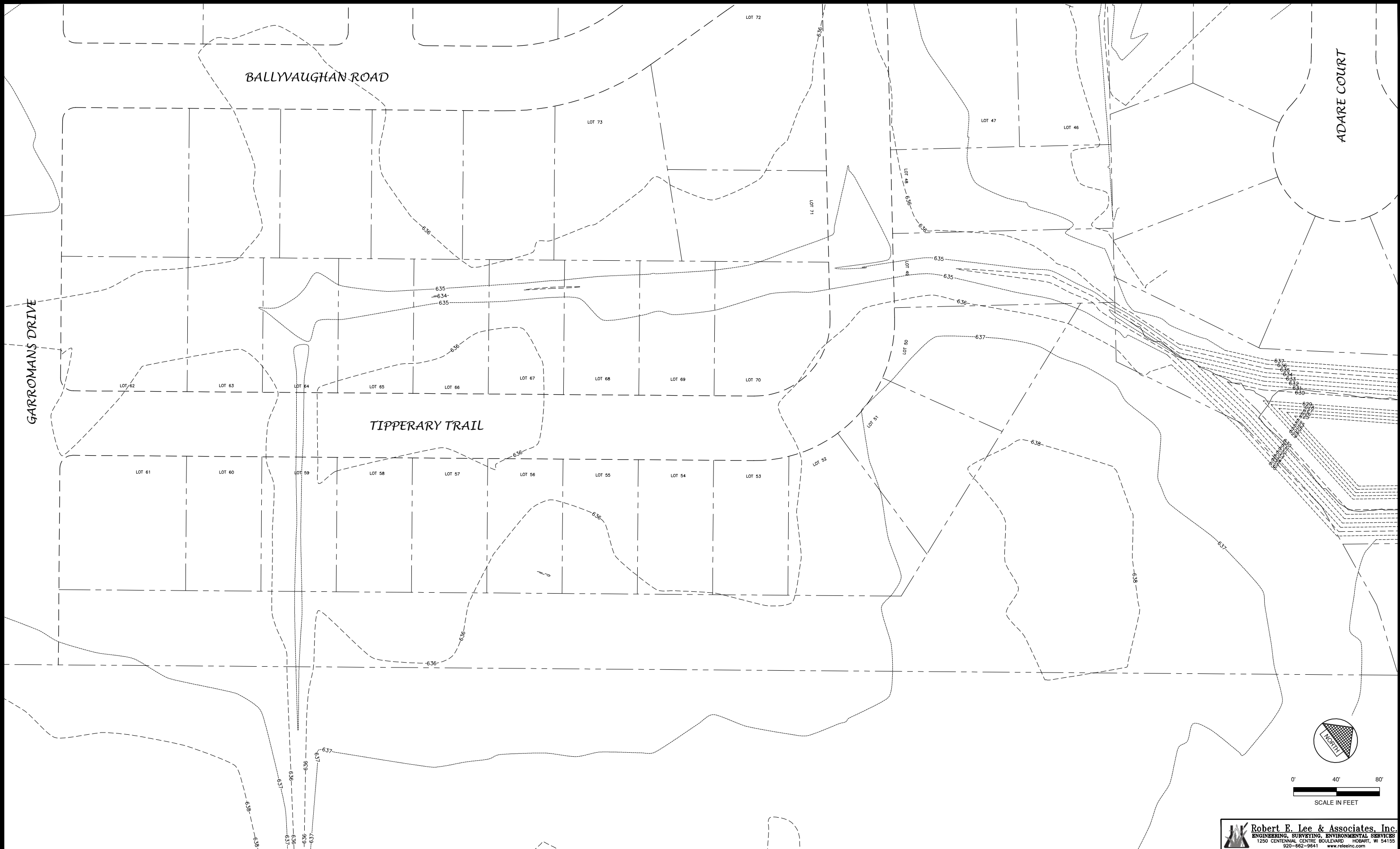
**GARRITY'S GLEN SOUTH
EXISTING CONDITIONS AND DEMOLITION**

NAME:
GARRITY'S GLEN SOUTH
SUBDIVISION CONSTRUCTION
PROJECT # 19-11

	BY	DATE
SURVEYED	MACH IV	8-2018
DRAWN	SRL	5-2019
DESIGNED	SRL	5-2019
CHECKED	EPR	5-2019

REVISIONS / ISSUES			
NO.	DATE	BY	REMARKS

PAGE NO.
G006



CITY OF DE PERE

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

GARRITY'S GLEN POND EXPANSION
EXISTING CONDITIONS

NAME:
GARRITY'S GLEN SOUTH
SUBDIVISION CONSTRUCTION
PROJECT # 19-11

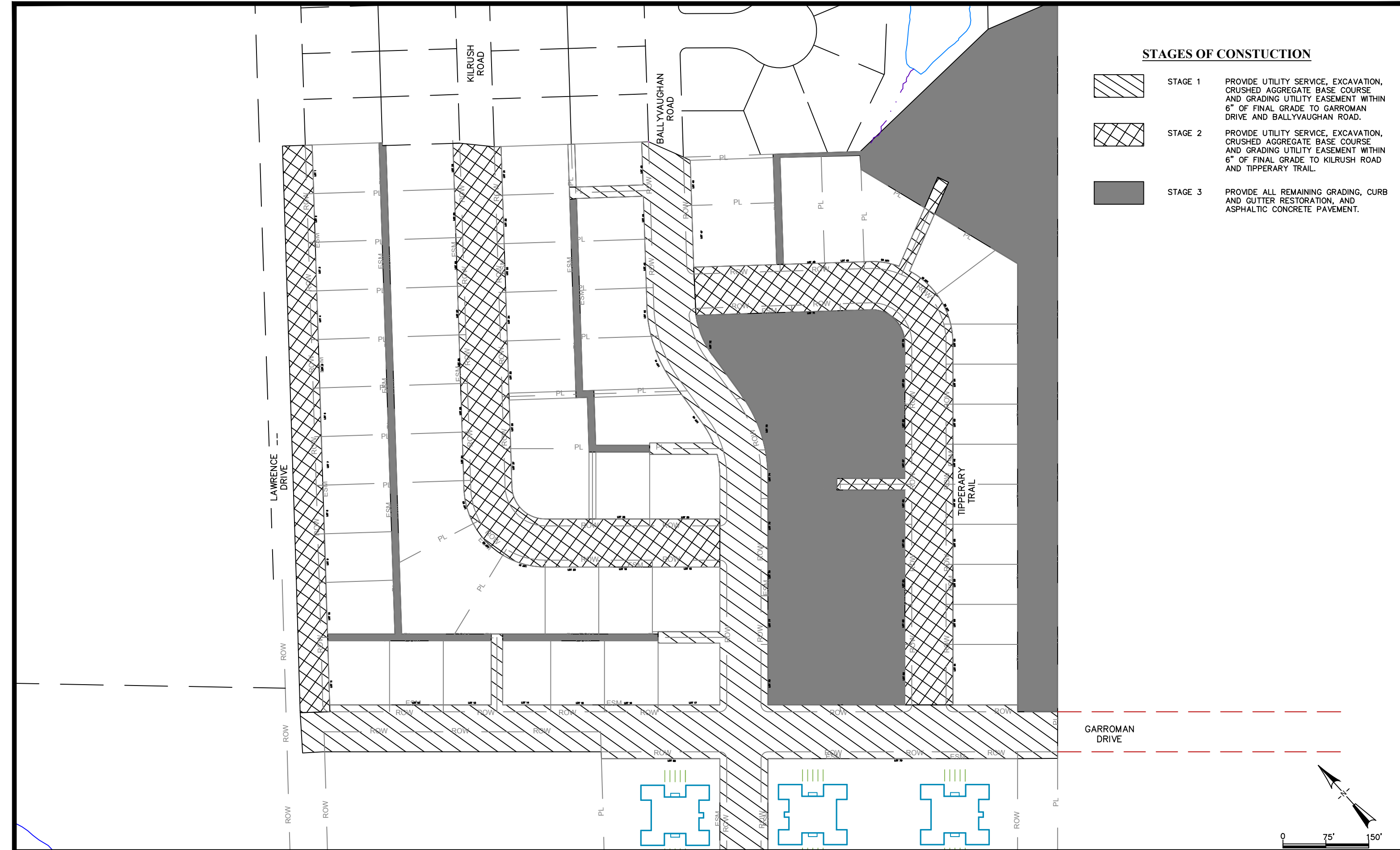
	BY	DATE
SURVEYED	XXX	-
DRAWN	EMK	05-2019
DESIGNED	PHK	05-2019
CHECKED	XXX	-

REVISIONS / ISSUES			
NO.	DATE	BY	REMARKS

PAGE NO.
G006

Robert E. Lee & Associates, Inc.
ENGINEERING, SURVEYING, ENVIRONMENTAL SERVICES
1250 CENTENNIAL CENTRE BOULEVARD HOBBART, WI 54155
920-662-9641 www.releinc.com

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STAGES OF CONSTRUCTION

- | | | |
|---|---------|---|
|  | STAGE 1 | PROVIDE UTILITY SERVICE, EXCAVATION, CRUSHED AGGREGATE BASE COURSE AND GRADING UTILITY EASEMENT WITHIN 6" OF FINAL GRADE TO GARROMAN DRIVE AND BALLYVAUGHAN ROAD. |
|  | STAGE 2 | PROVIDE UTILITY SERVICE, EXCAVATION, CRUSHED AGGREGATE BASE COURSE AND GRADING UTILITY EASEMENT WITHIN 6" OF FINAL GRADE TO KILRUSH ROAD AND TIPPERARY TRAIL. |
|  | STAGE 3 | PROVIDE ALL REMAINING GRADING, CURB AND GUTTER RESTORATION, AND ASPHALTIC CONCRETE PAVEMENT. |



CITY OF DE PERE

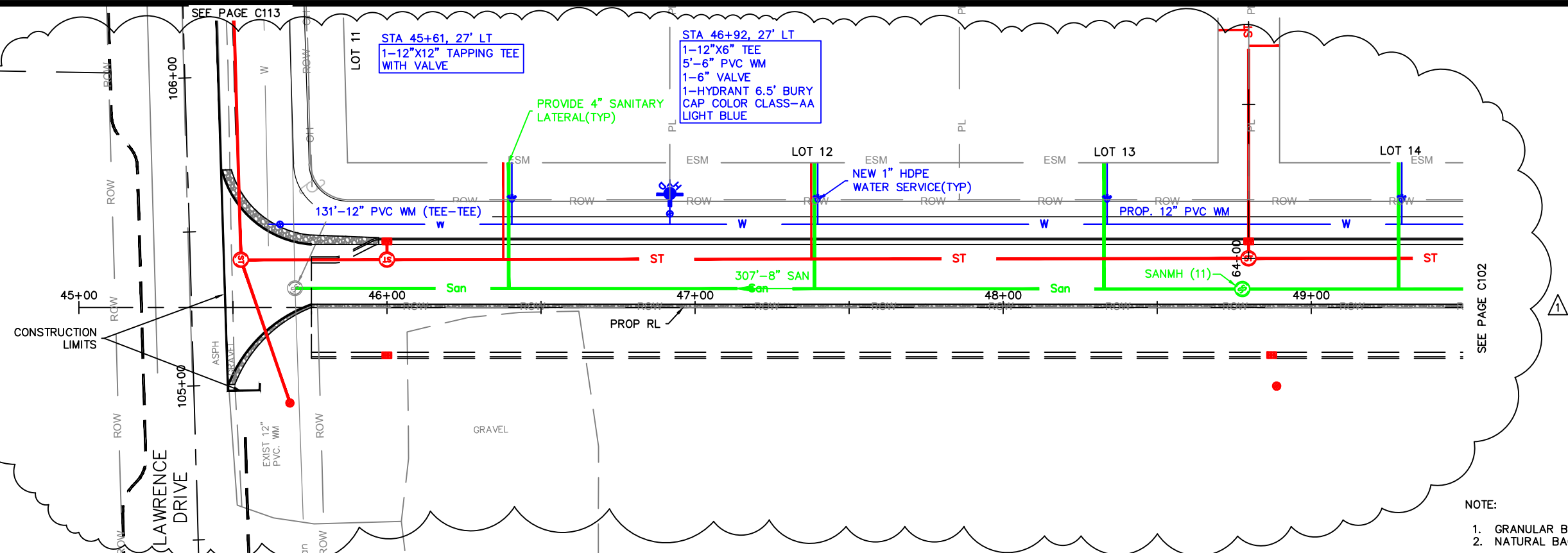
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OFFICE 920-339-4061 FAX 920-339-4071

**GARRITY'S GLEN SOUTH
STAGES OF CONSTRUCTION**

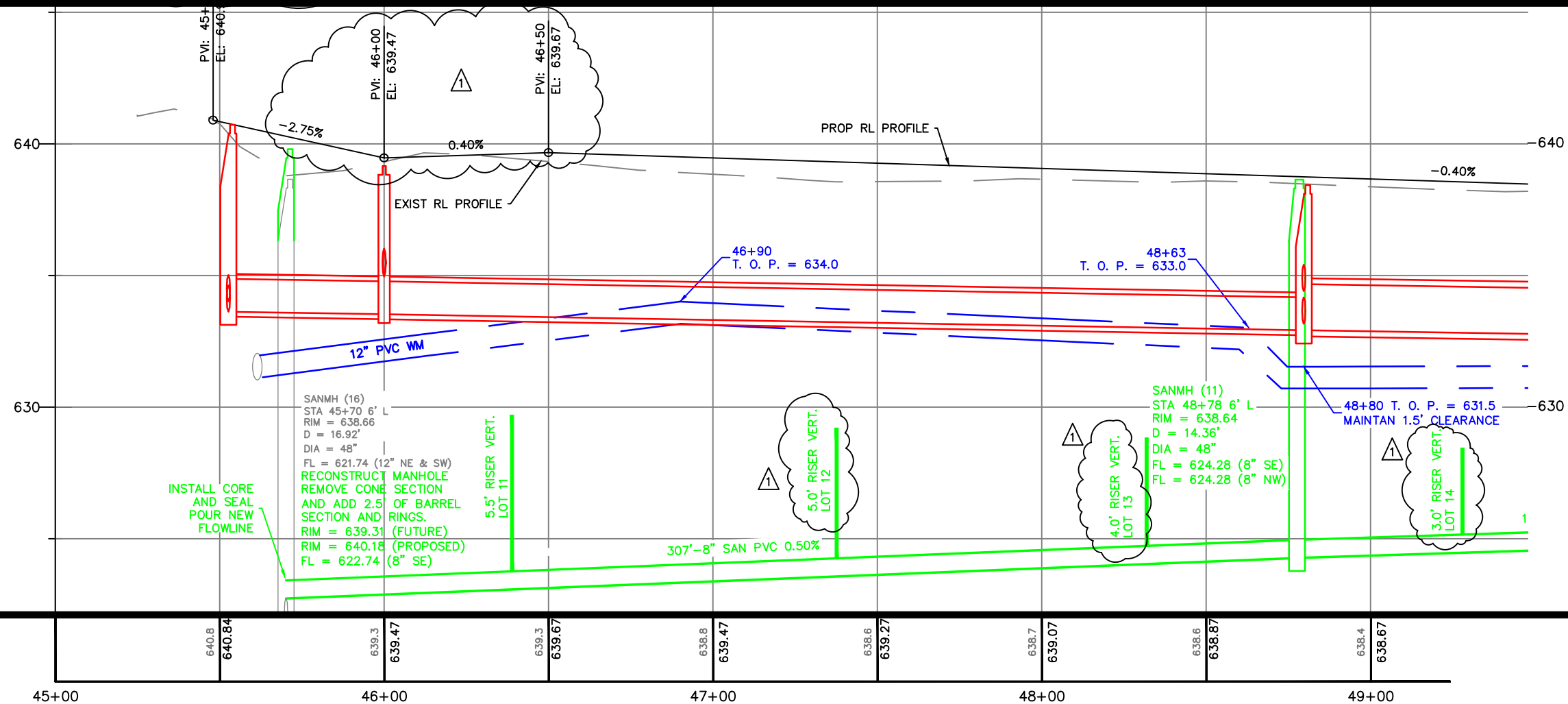
NAME: GARRITY'S GLEN SOUTH
SUBDIVISION CONSTRUCTION
PROJECT # 19-11

	BY	DATE
SURVEYED	MACH IV	8-2018
DRAWN	SRL	5-2019
DESIGNED	SRL	5-2019
CHECKED	SRL	5-2019

REVISIONS / ISSUES			
NO.	DATE	BY	REMARKS



- NOTE:
1. GRANULAR BACKFILL - SANITARY SEWER
 2. NATURAL BACKFILL - WATER MAIN



5'
0'



CITY OF DE PERE

ENGINEERING DIVISION 925 S. SIXTH ST DE PERE WI 54115
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GARROMAN DRIVE LAWRENCE DRIVE TO 400' E/O LAWRENCE DR SANITARY SEWER AND WATER

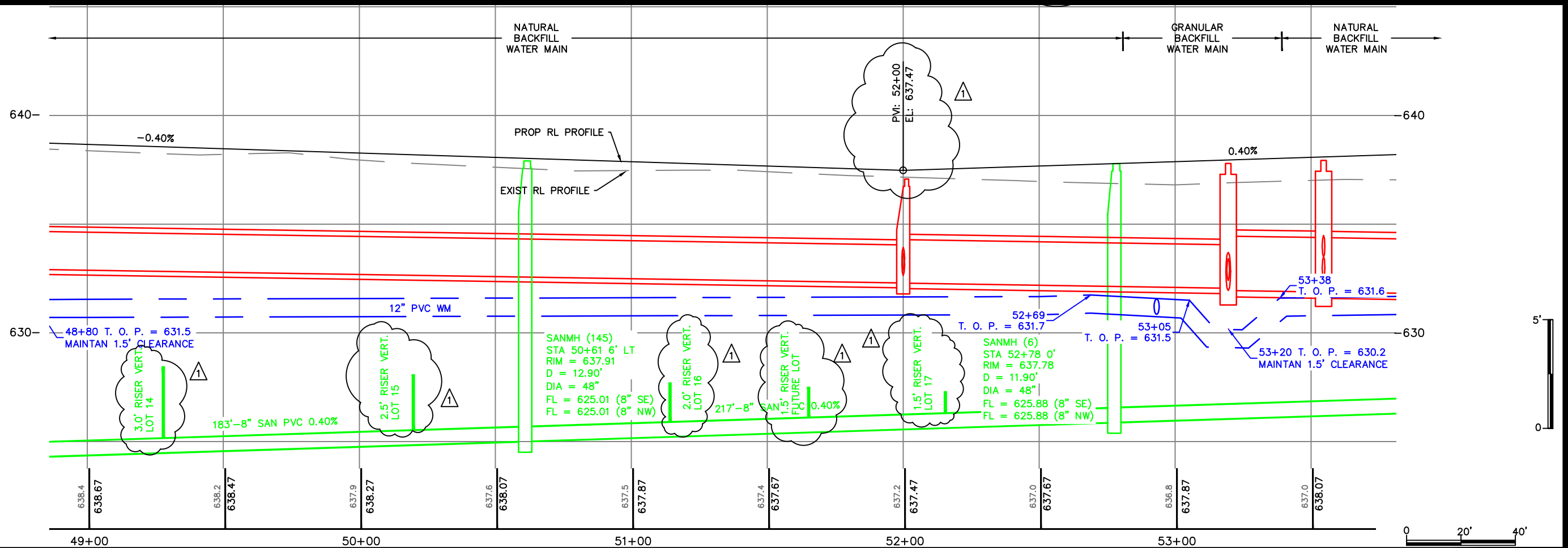
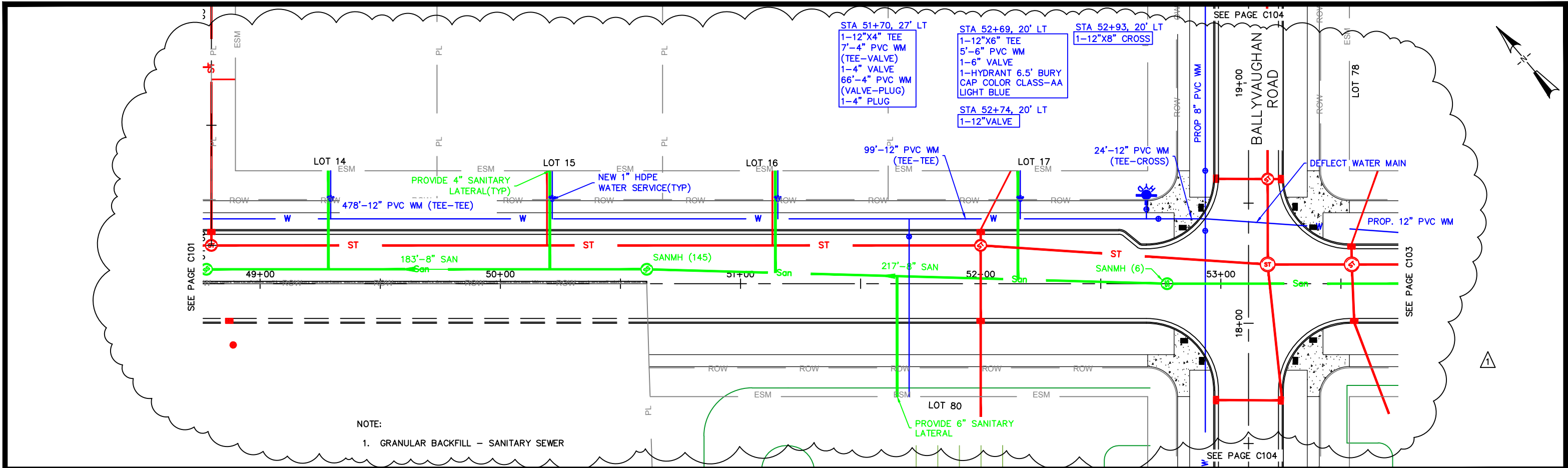
NAME:
GARRITY'S GLEN SOUTH
SUBDIVISION CONSTRUCTION
PROJECT # 19-11

NO.	DATE	BY	DATE
1	8-2018	MACH IV	8-2018
	11-2018	SRL	11-2018
	11-2018	SRL	11-2018
	11-2018	EPR	11-2018

REVISIONS / ISSUES

NO.	DATE	BY	REMARKS
1	9/2019	SRL	UTILITIES RELOCATED AND ROAD WIDTH AND GRADES

PAGE
NO.
C101
R

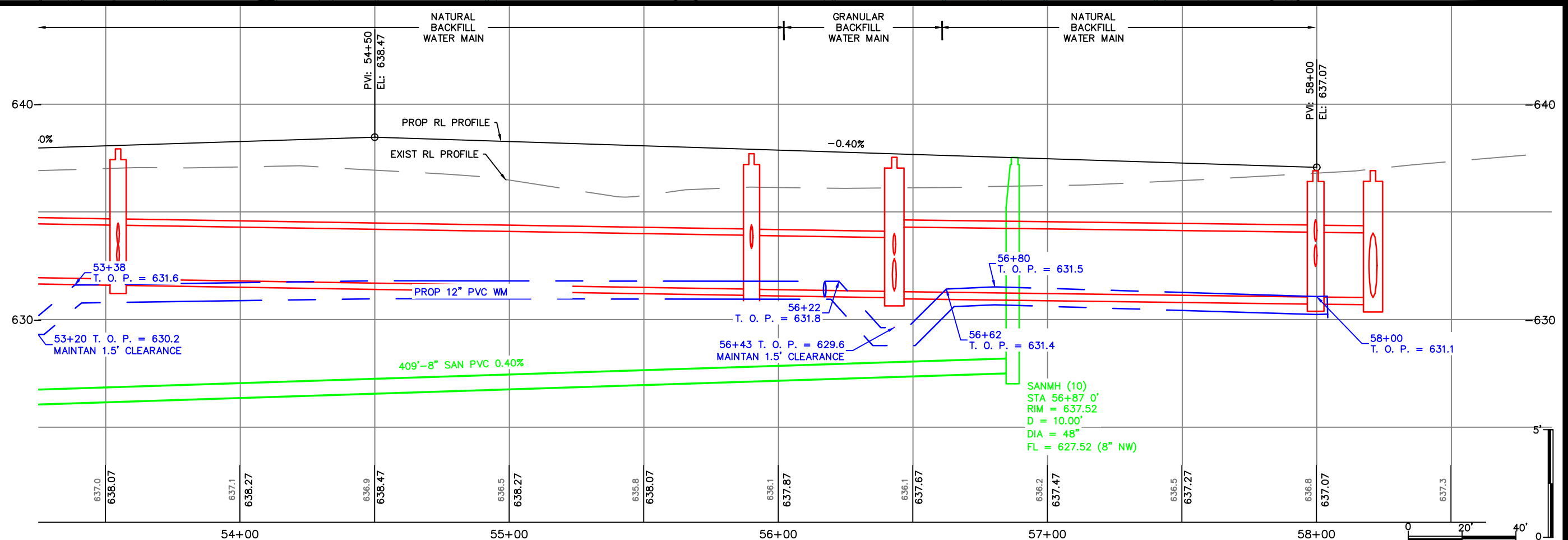
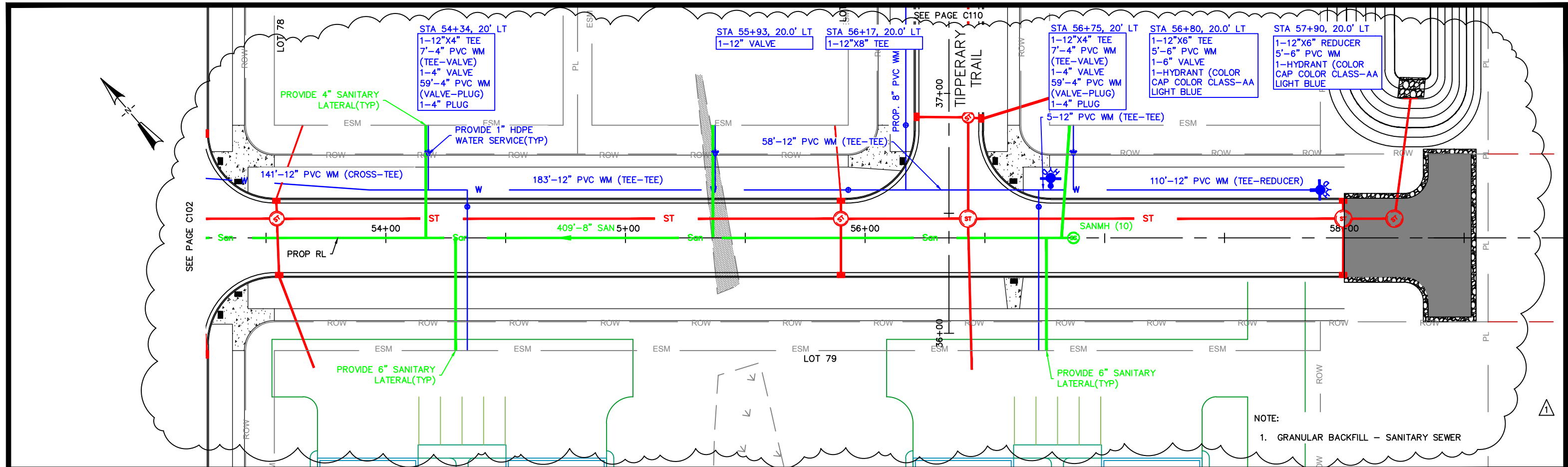


CITY OF DE PERE

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

GARROMAN DRIVE 400' E/O LAWRENCE TO 800' E/O LAWRENCE DR SANITARY SEWER AND WATER

NAME: GARRY'S GLEN SOUTH SUBDIVISION CONSTRUCTION	BY: MACH IV	DATE: 8-2018	NO. 1	DATE: 9/2019	BY: SRL	REMARKS: UTILITIES RELOCATED AND ROAD WIDTH AND GRADES	PAGE NO. C102
PROJECT # 19-11	DRAWN: SRL	DESIGNED: SRL	CHECKED: EPR	DATE: 11-2018	DATE: 11-2018		R



CITY OF DE PERE

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

GARROMAN DRIVE

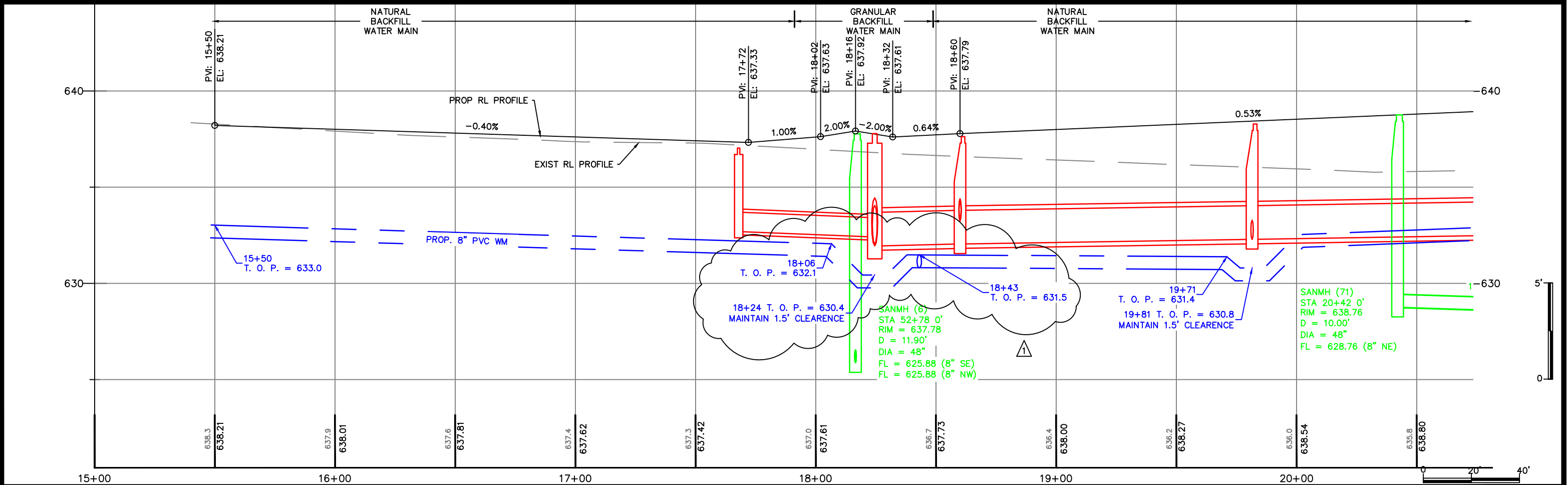
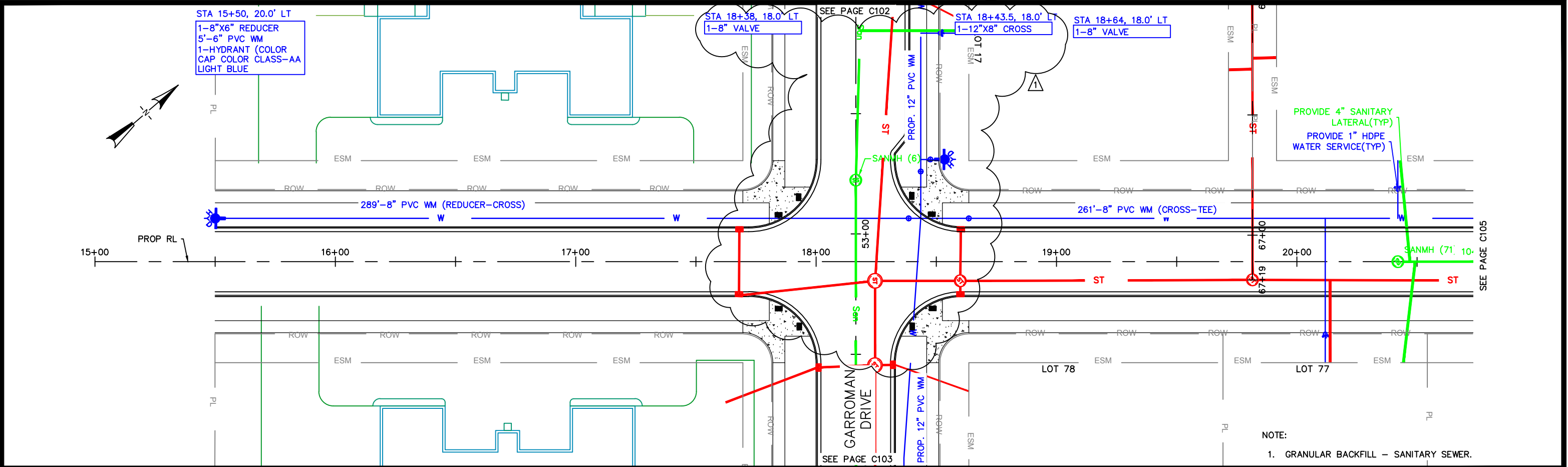
800' E/O LAWRENCE TO 1300' E/O LAWRENCE DR
SANITARY SEWER AND WATER MAIN

NAME: GARRITY'S GLEN SOUTH
SUBDIVISION CONSTRUCTION
PROJECT # 19-11

NO.	DATE	BY	REMARKS
1	8-2018	MACH IV	SURVEYED
	11-2018	SRL	DRAWN
	11-2018	SRL	DESIGNED
	11-2018	EPR	CHECKED

NO.	DATE	BY	REMARKS
1	9/2019	SRL	STORM SEWER AND WATER MAIN RELOCATED

PAGE NO.
C103
R



STA 21+04, 18.0' LT
1-8"x6" TEE
4.5'-6" PVC WM
1-HYDRANT (COLOR
CAP COLOR CLASS-AA
LIGHT BLUE

STA 21+28, 18.0' LT
1-8"x8" TEE
STA 21+33, 18.0' LT
1-8" VALVE

STA 22+87, 16.6' LT
1-8" 22 1/2' BEND

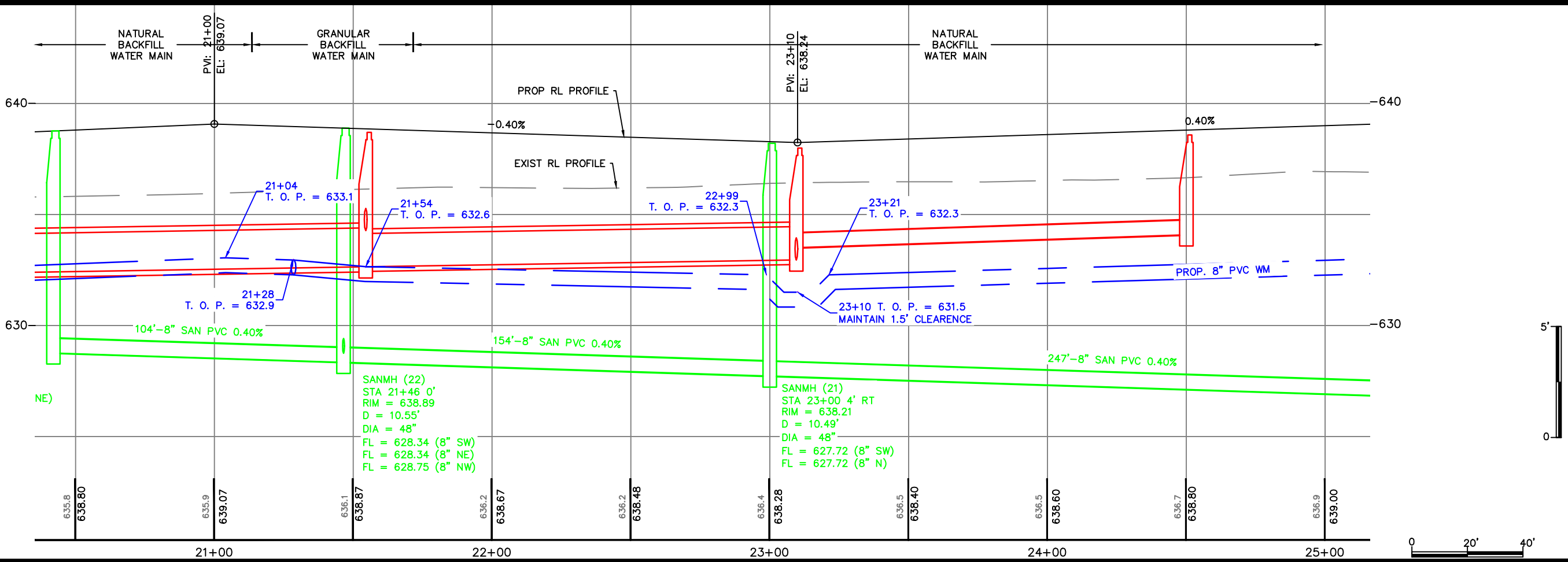
STA 23+36, 16.7' LT
1-8" 22 1/2' BEND

STA 23+75, 17.6' LT
1-8" 22 1/2' BEND

SEE PAGE C104

SEE PAGE C106

NOTE:
1. GRANULAR BACKFILL - SANITARY SEWER



CITY OF DE PERE

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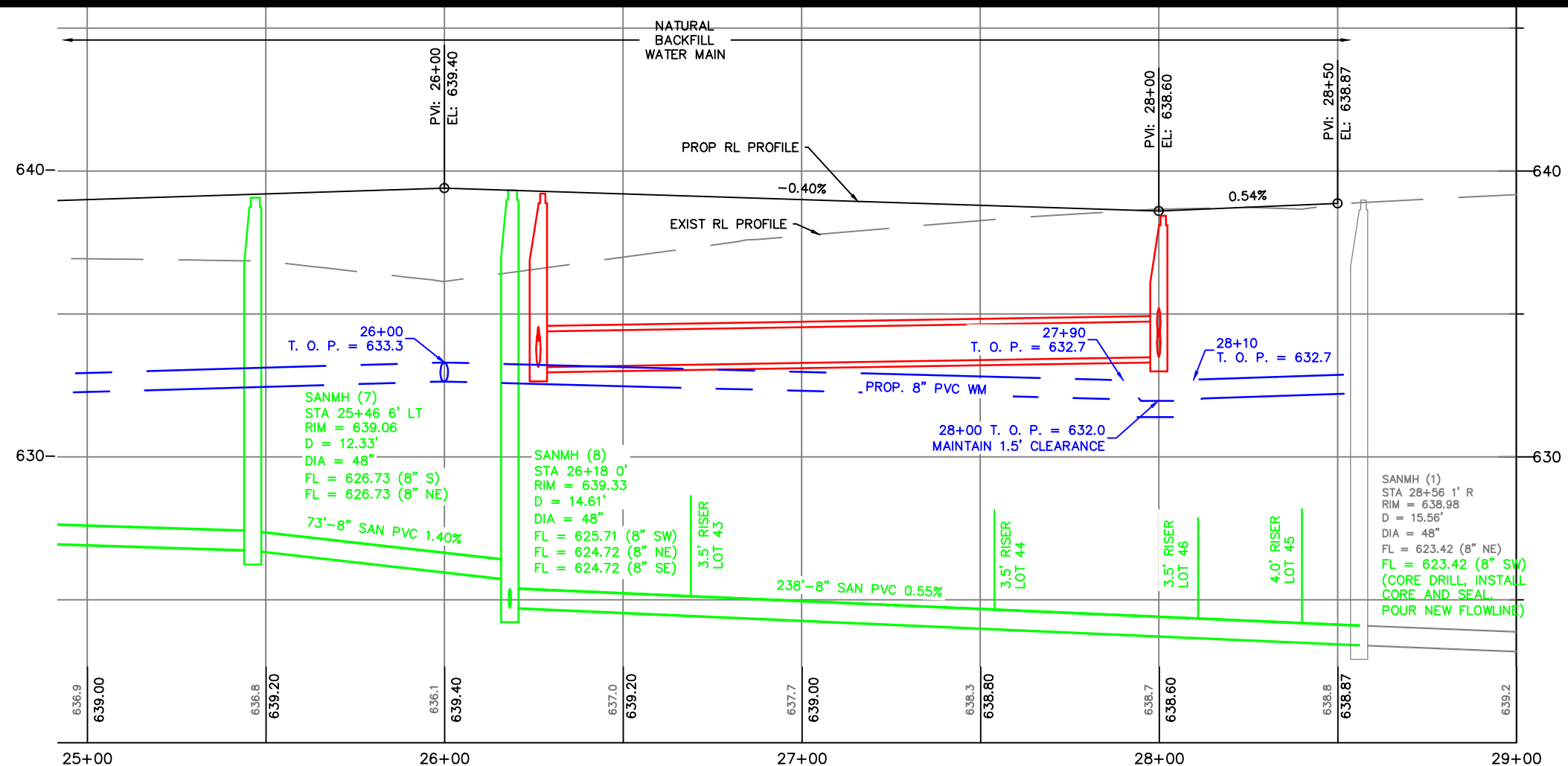
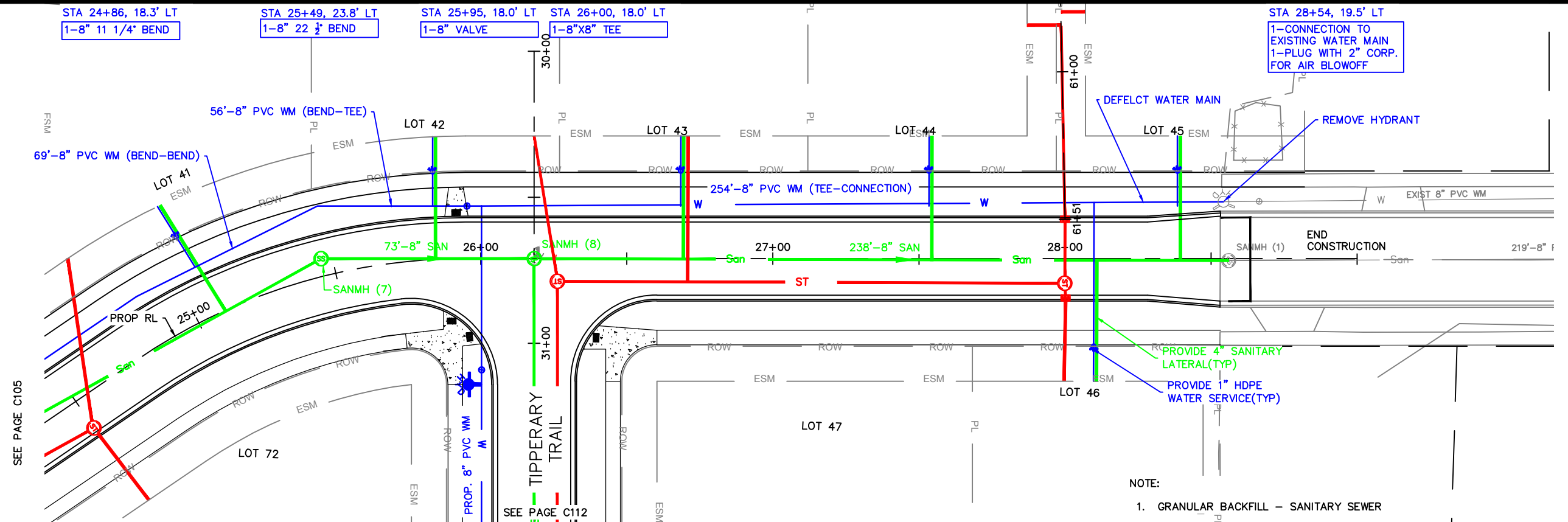
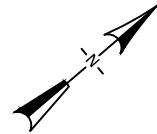
BALLYVAUGHAN ROAD

**100' S/O KILRUSH TO 100' S/O TIPPERARY
SANITARY SEWER AND WATER MAIN**

NAME: GARRITY'S GLEN SOUTH
SUBDIVISION CONSTRUCTION
PROJECT # 19-11

NO.	DATE	BY
SURVEYED	8-2018	MACH IV
DRAWN	11-2018	SRL
DESIGNED	11-2018	SRL
CHECKED	11-2018	EPR

REVISIONS / ISSUES			
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BALLYVAUGHAN ROAD 100' S/O TIPPERARY TO 250' N/O TIPPERARY SANITARY SEWER AND WATER MAIN

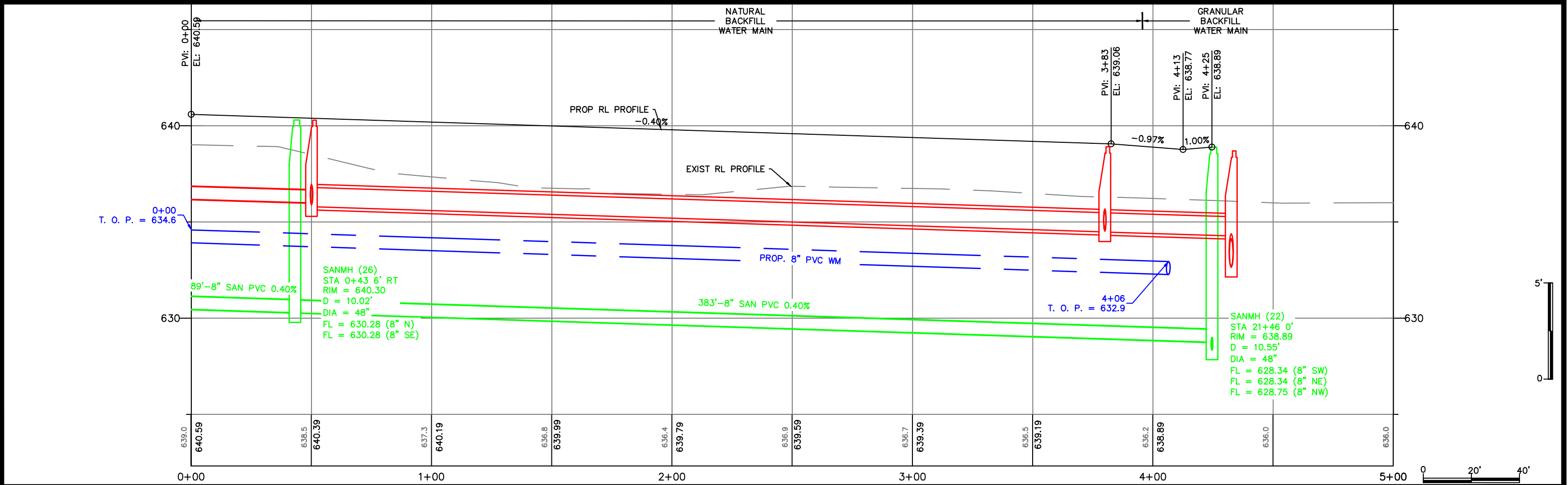
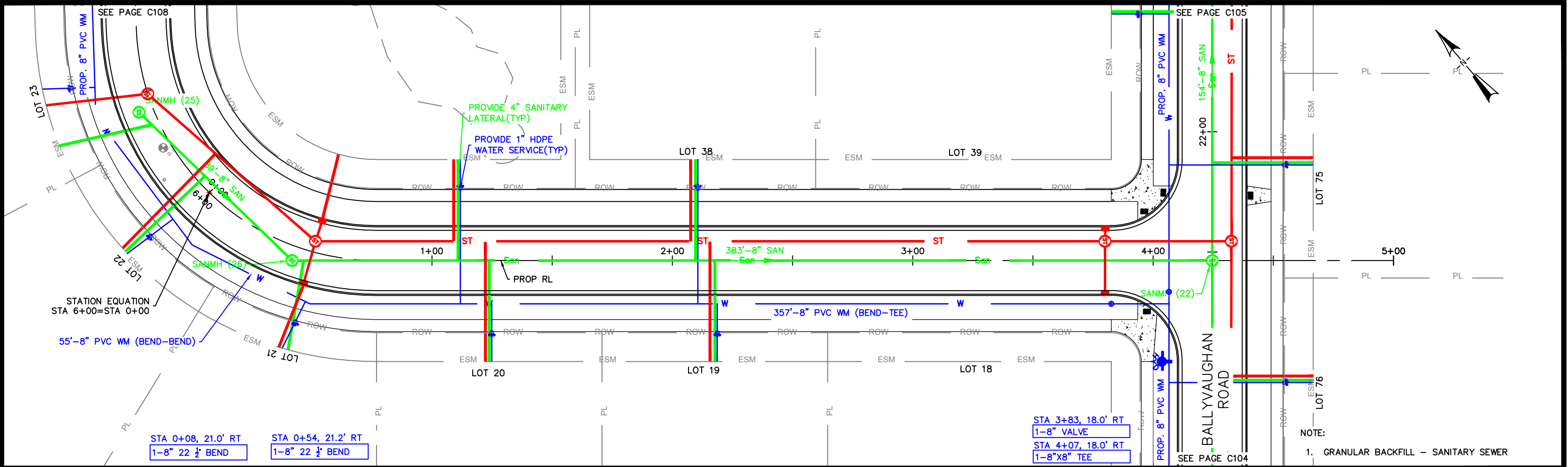
NAME: GARRITY'S GLEN SOUTH
SUBDIVISION CONSTRUCTION
PROJECT # 19-11

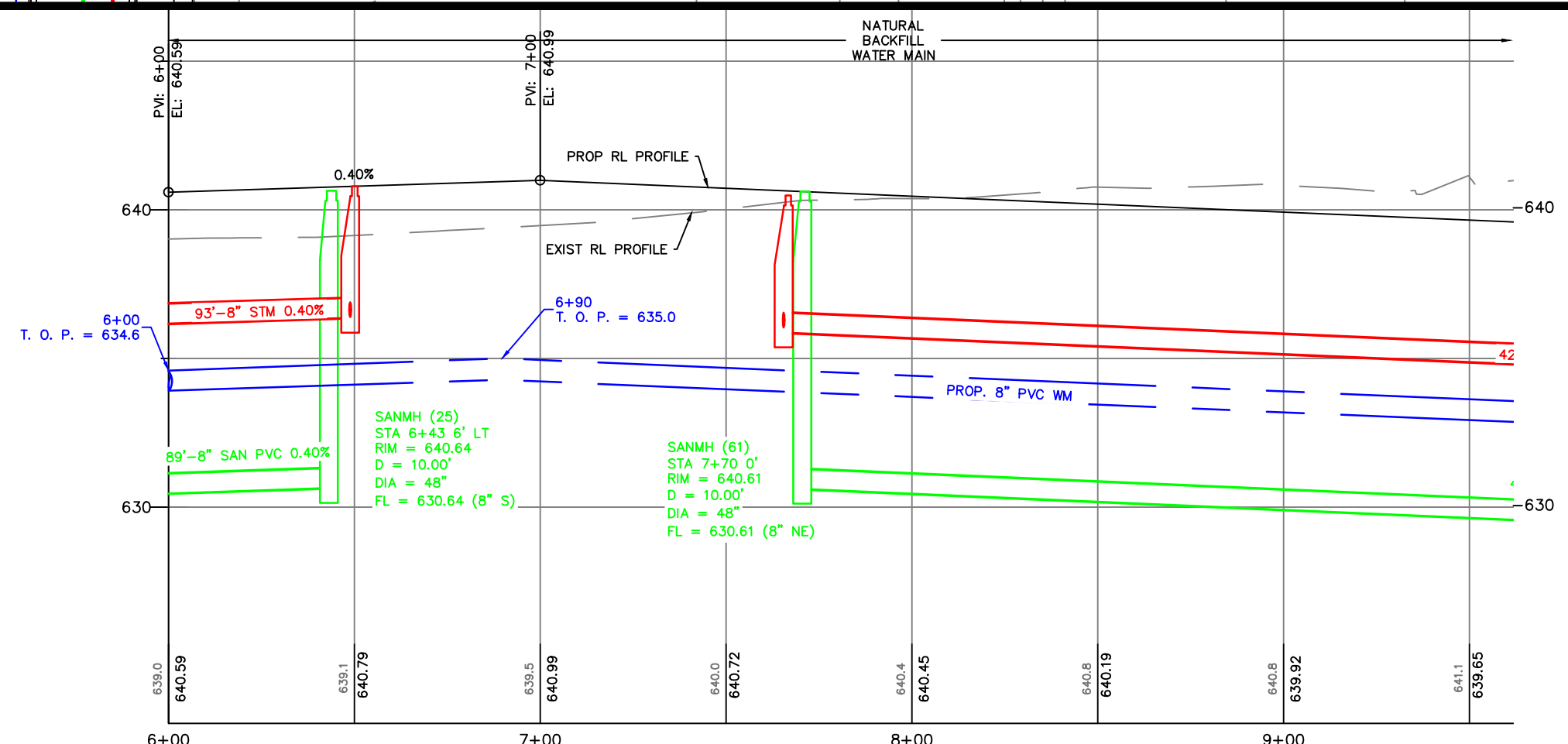
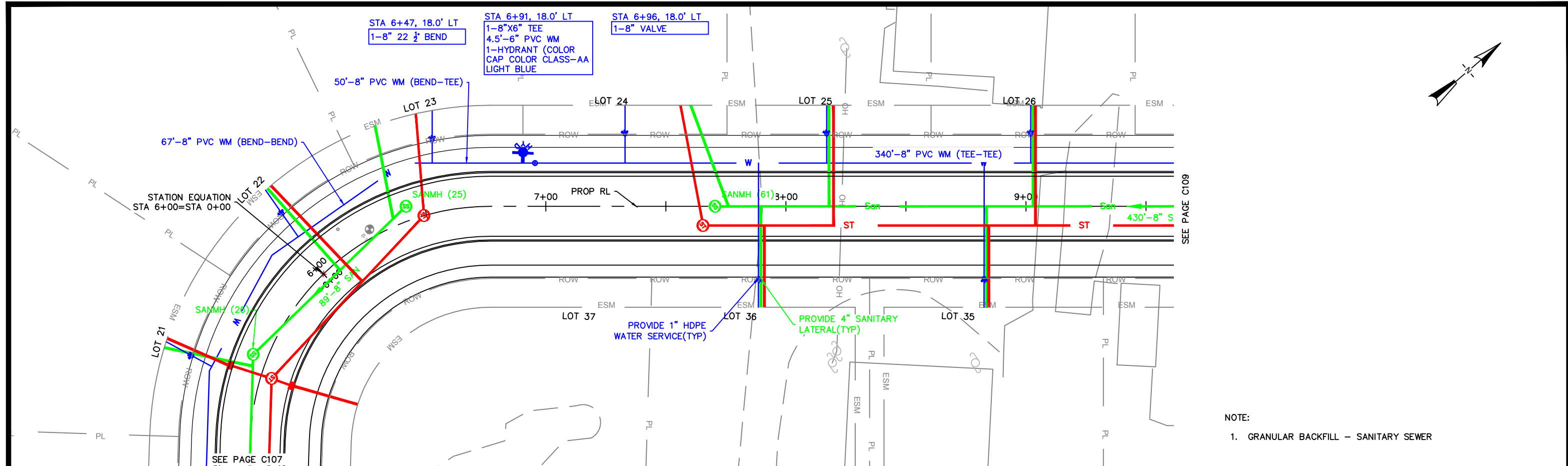
BY	DATE
MACH IV	8-2018
SRL	11-2018
SRL	11-2018
EPR	11-2018

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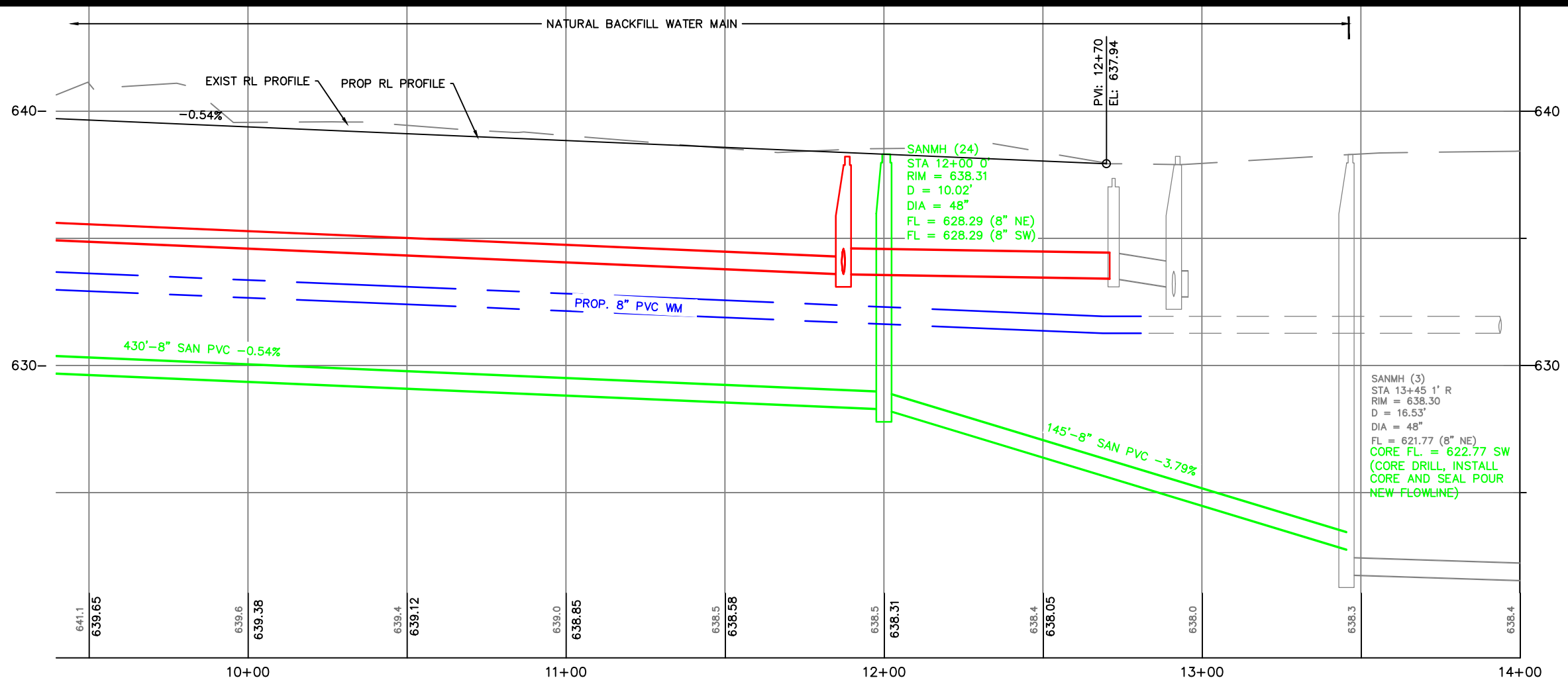
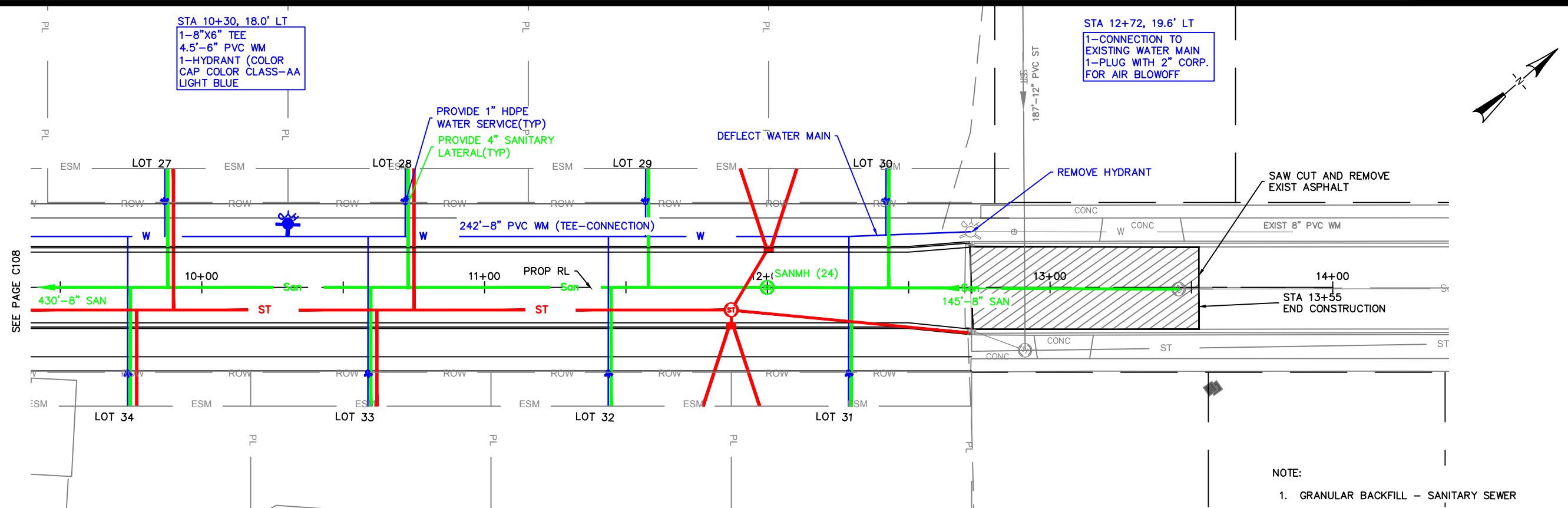




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KILRUSH ROAD
450' W/O BALLYVAUGHAN TO
800' N/O BALLYVAUGHAN
SANITARY SEWER AND WATER MAIN

NAME: GARRITY'S GLEN SOUTH SUBDIVISION CONSTRUCTION	BY MACH IV	DATE 8-2018	REVISIONS / ISSUES				PAGE NO.
PROJECT # 19-11	SURVEYED	11-2018	NO.	DATE	BY	REMARKS	C108
	DRAWN	11-2018					
	DESIGNED	11-2018					
	CHECKED	11-2018					



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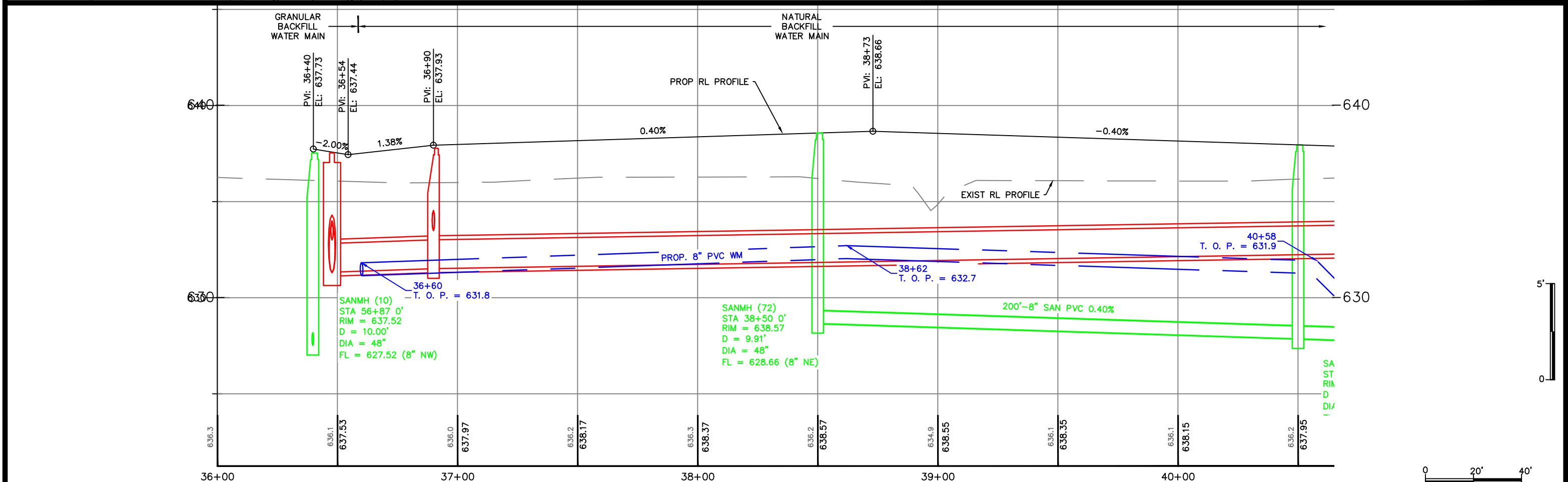
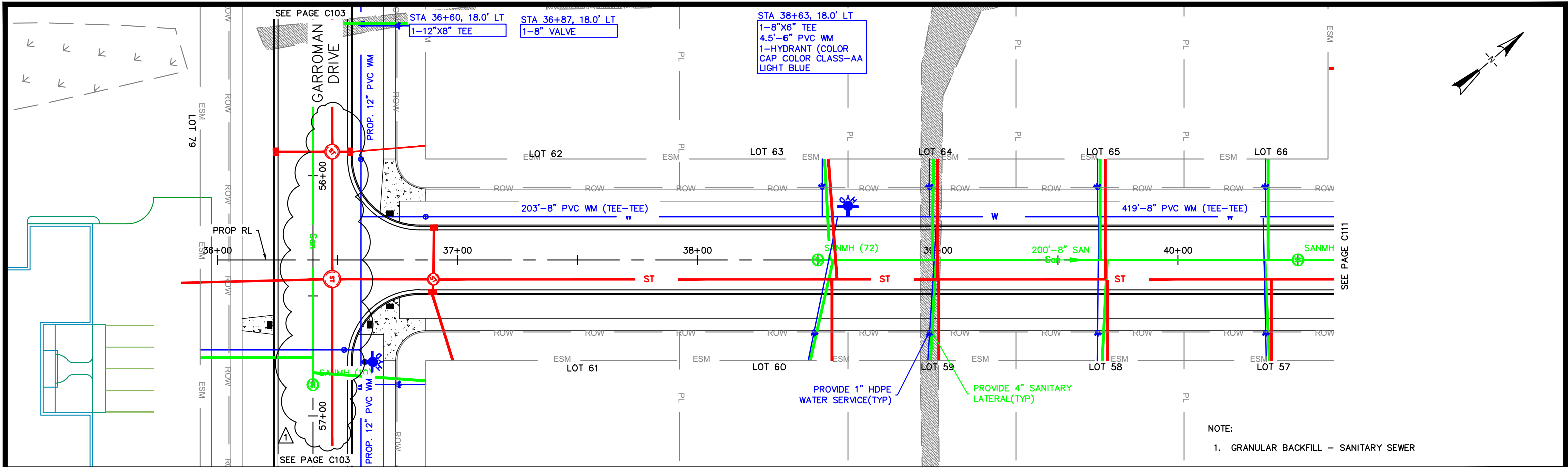
KILRUSH ROAD
800' W/O BALLYVAUGHAN TO
1700' N/O BALLYVAUGHAN
SANITARY SEWER AND WATER MAIN

NAME:
GARRITY'S GLEN SOUTH
SUBDIVISION CONSTRUCTION
PROJECT # 19-11

	BY	DATE
SURVEYED	MACH IV	8-2018
DRAWN	SRL	11-2018
DESIGNED	SRL	11-2018
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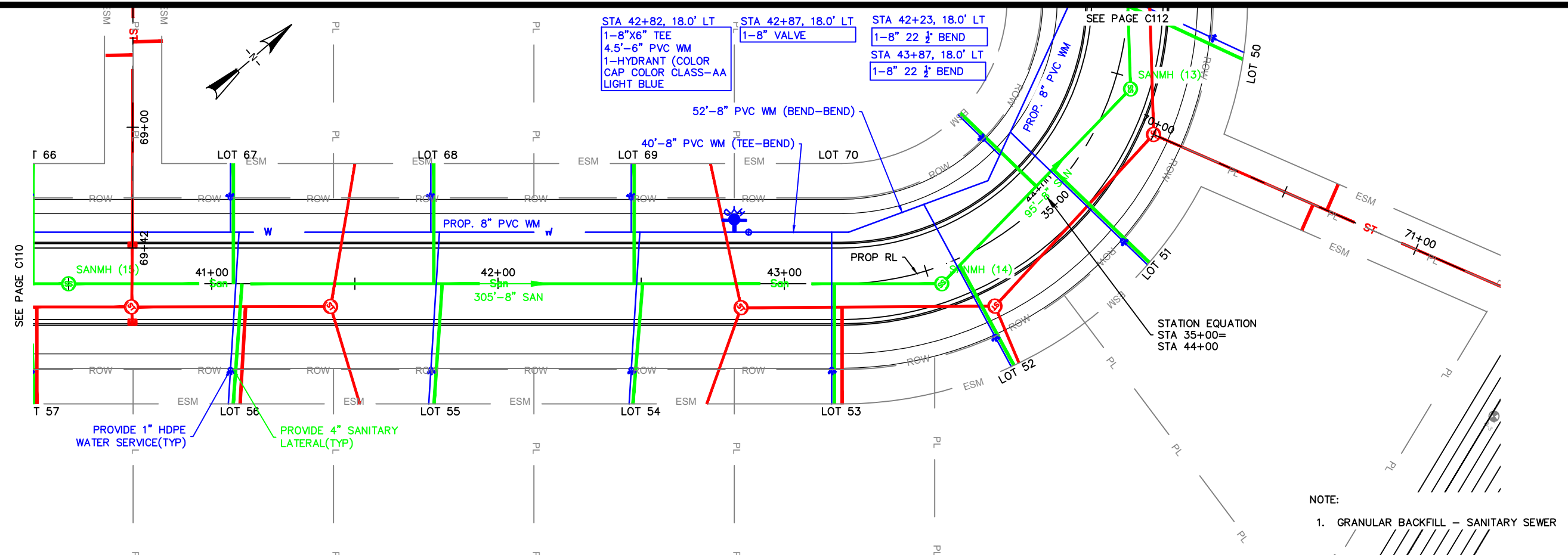
TIPPERARY TRAIL GARROMAN DRIVE TO 350' N/O GARROMAN SANITARY SEWER AND WATER MAIN

NAME:
GARRY'S GLEN SOUTH
SUBDIVISION CONSTRUCTION
PROJECT #
19-11

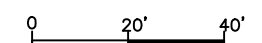
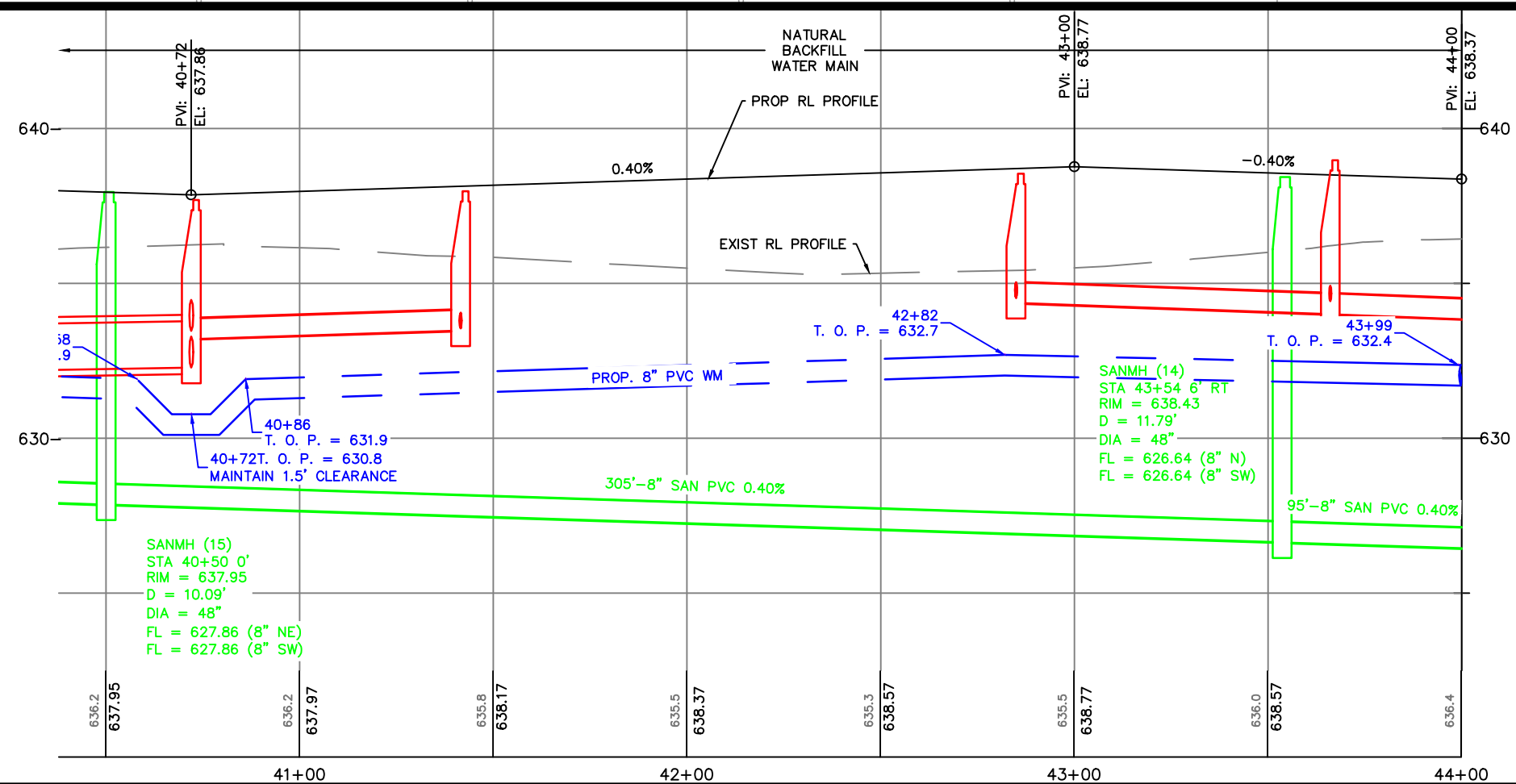
BY	DATE
SURVEYED	MACH IV 8-2018
DRAWN	SRL 11-2018
DESIGNED	SRL 11-2018
CHECKED	EPR 11-2018

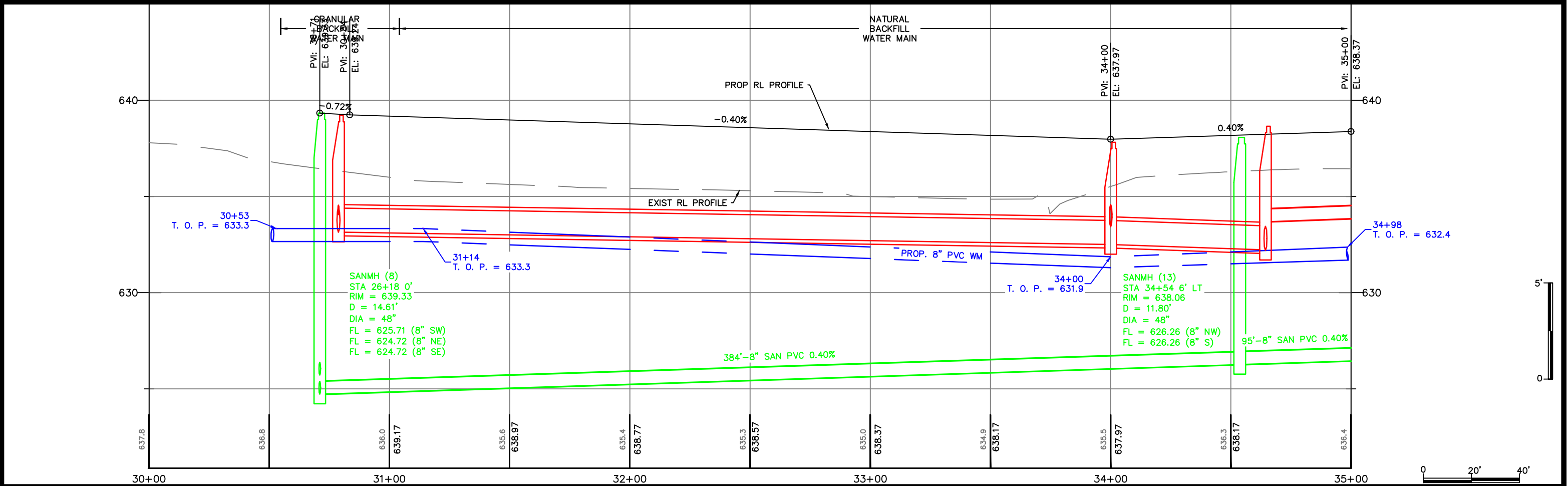
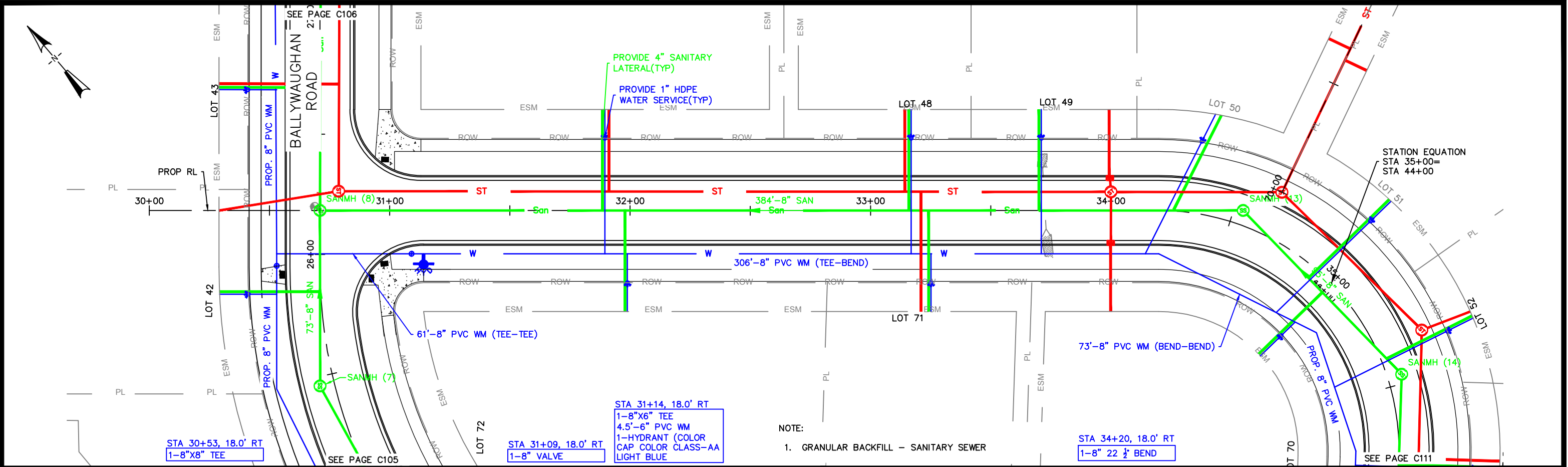
REVISIONS / ISSUES			
NO.	DATE	BY	REMARKS
1	9/2019	SRL	RELOCATED STORM SEWER

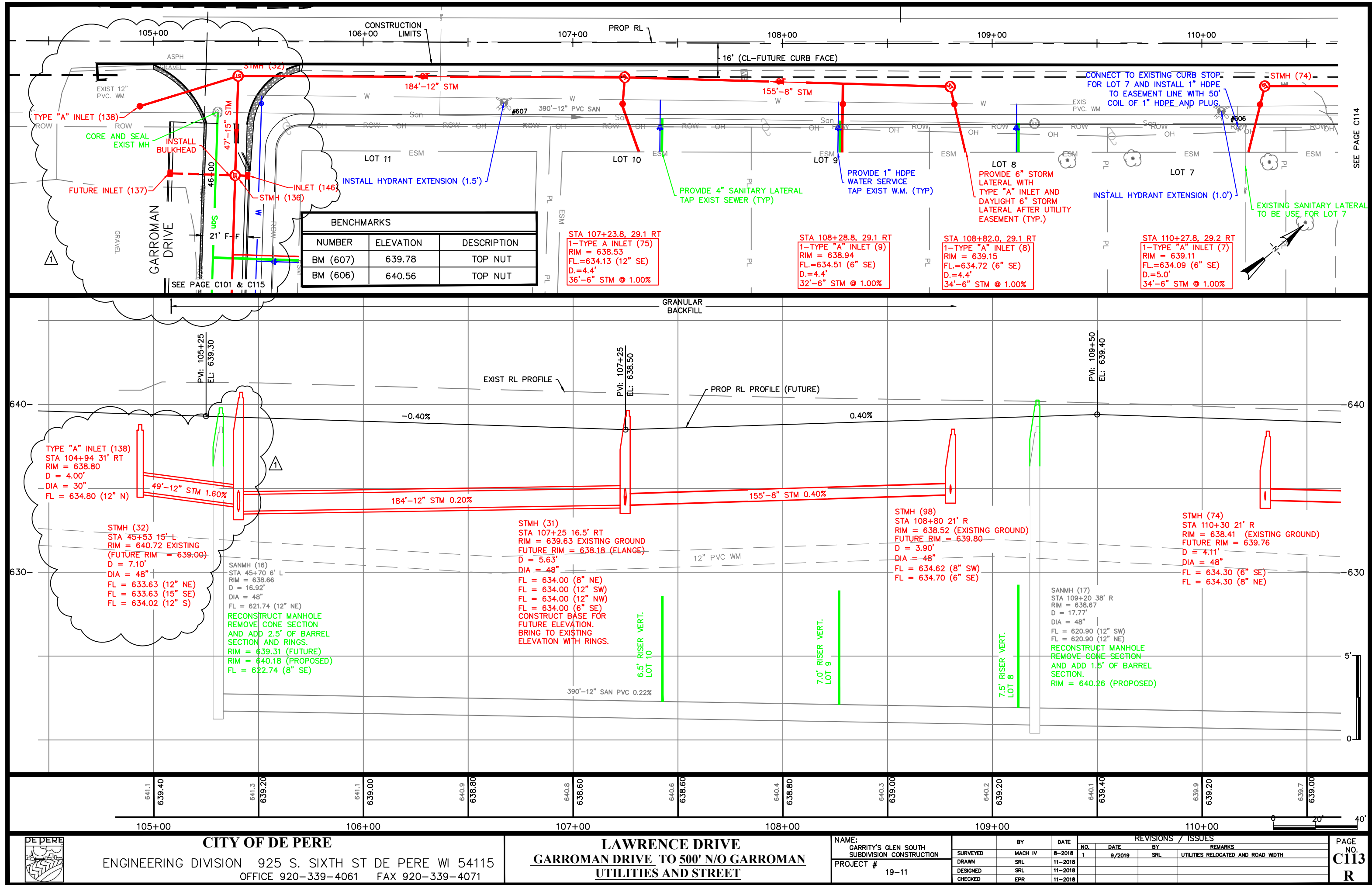
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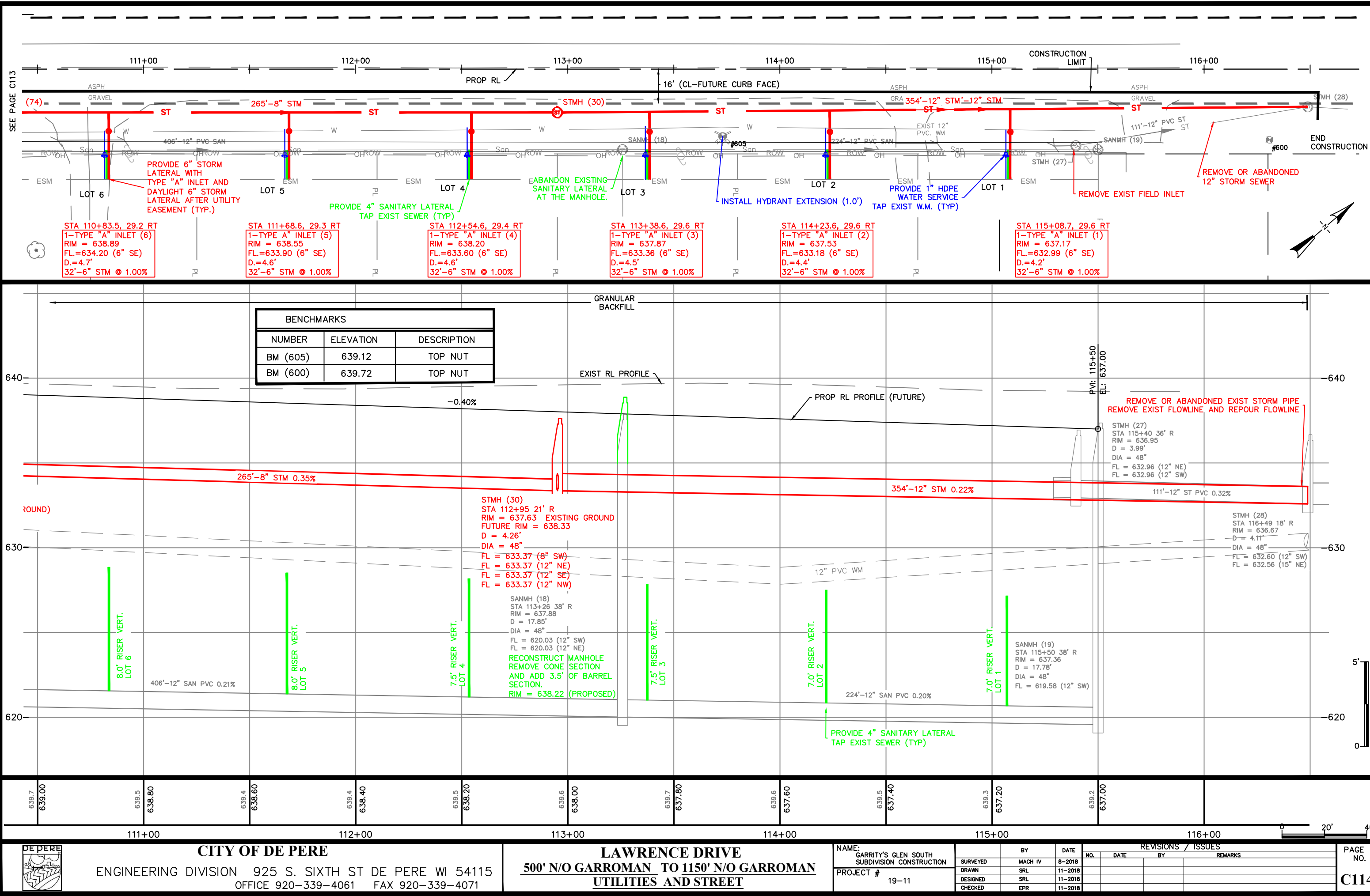


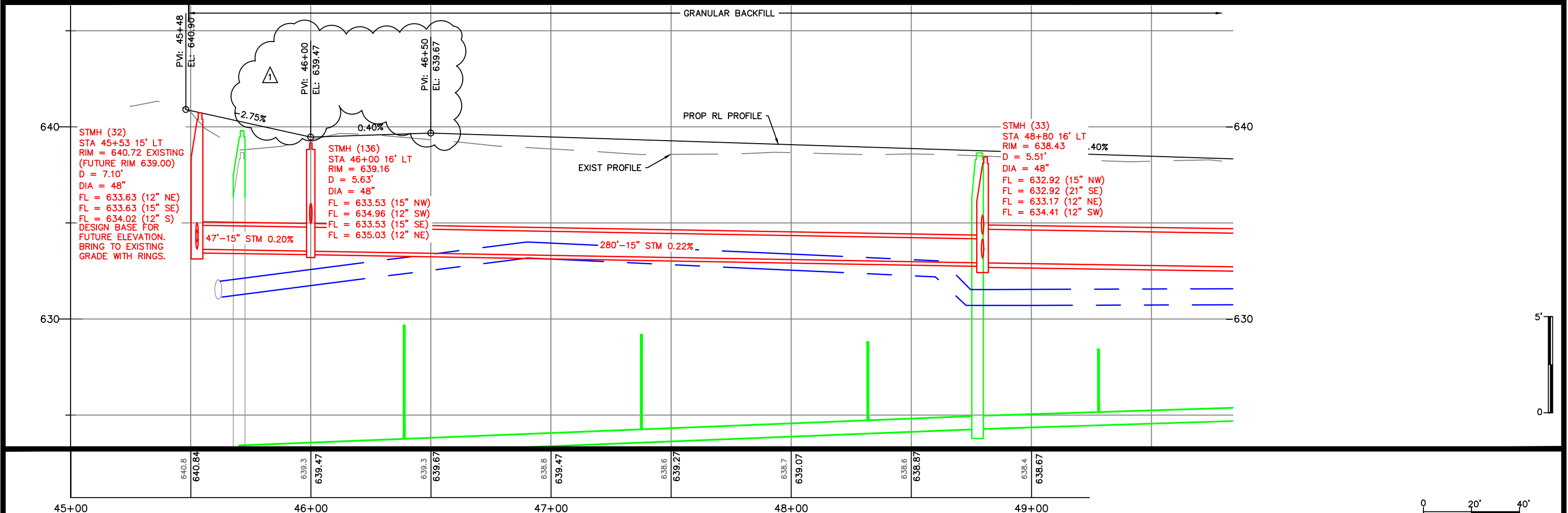
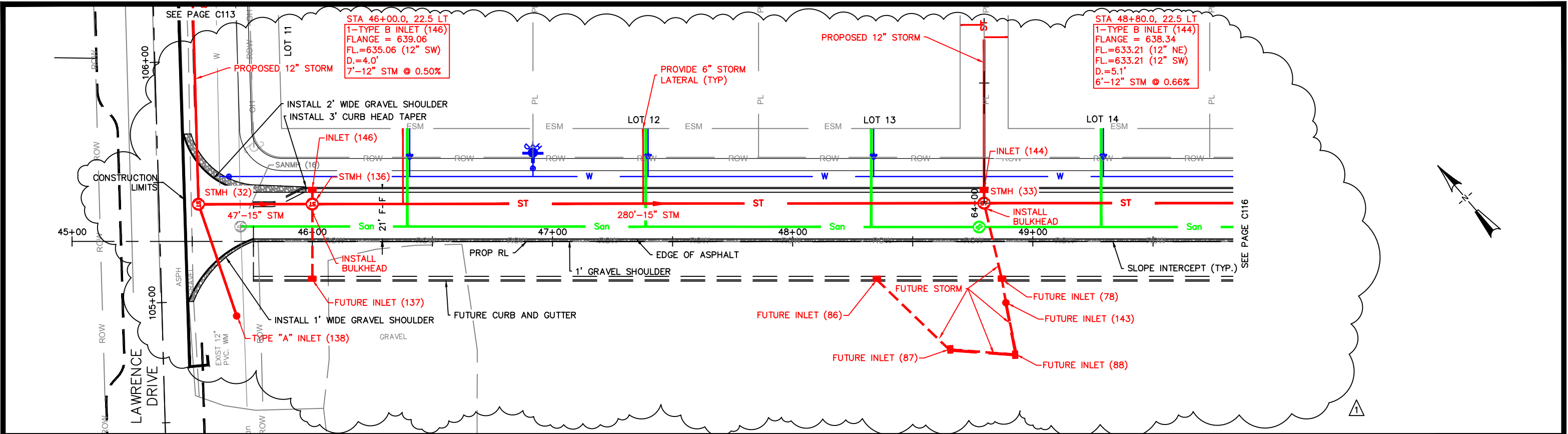
NOTE:
1. GRANULAR BACKFILL - SANITARY SEWER

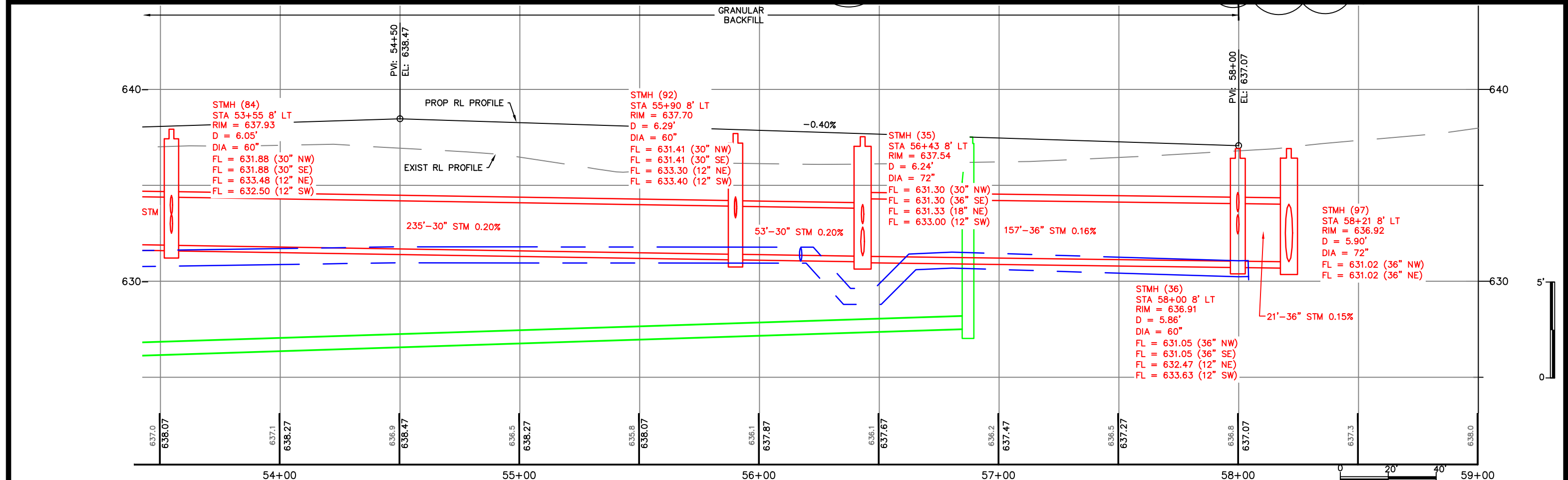
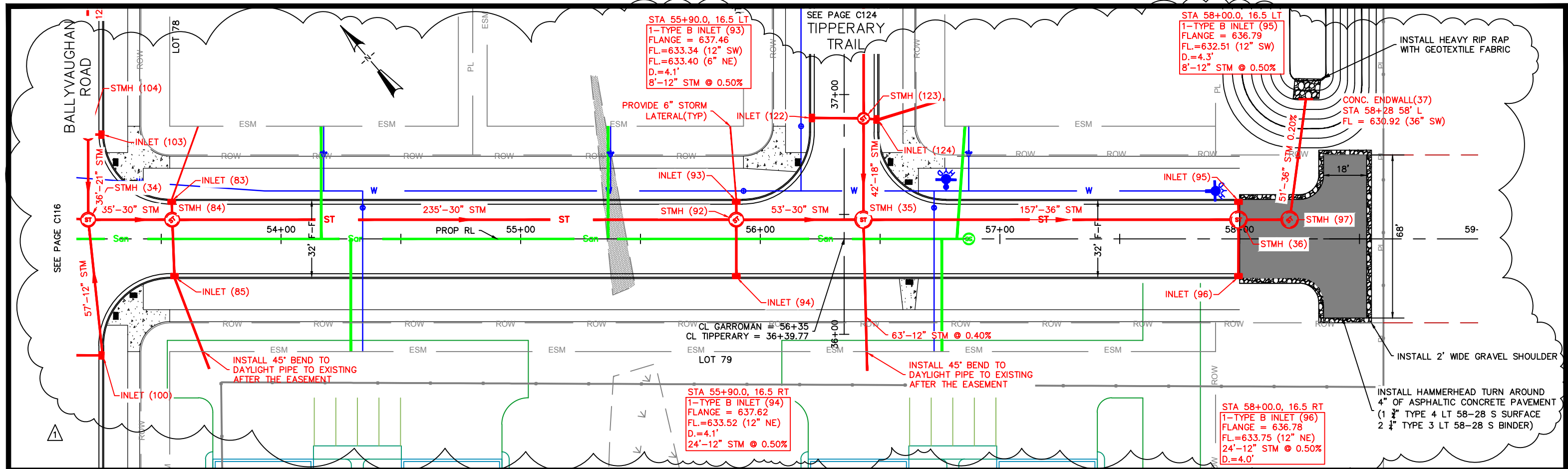












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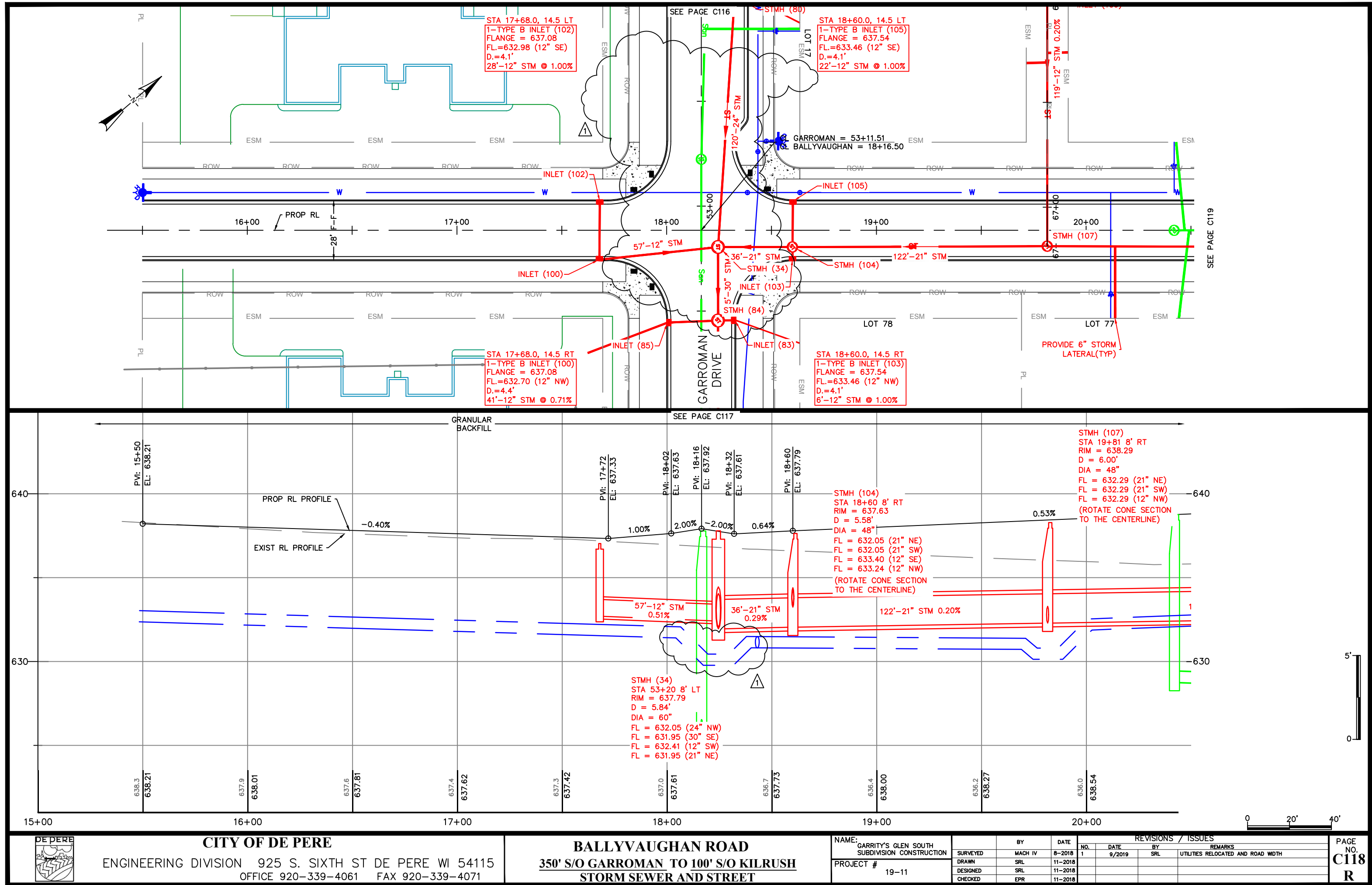
GARROMAN DRIVE 800' E/O LAWRENCE TO 1300' E/O LAWRENCE DR STORM SEWER AND STREET

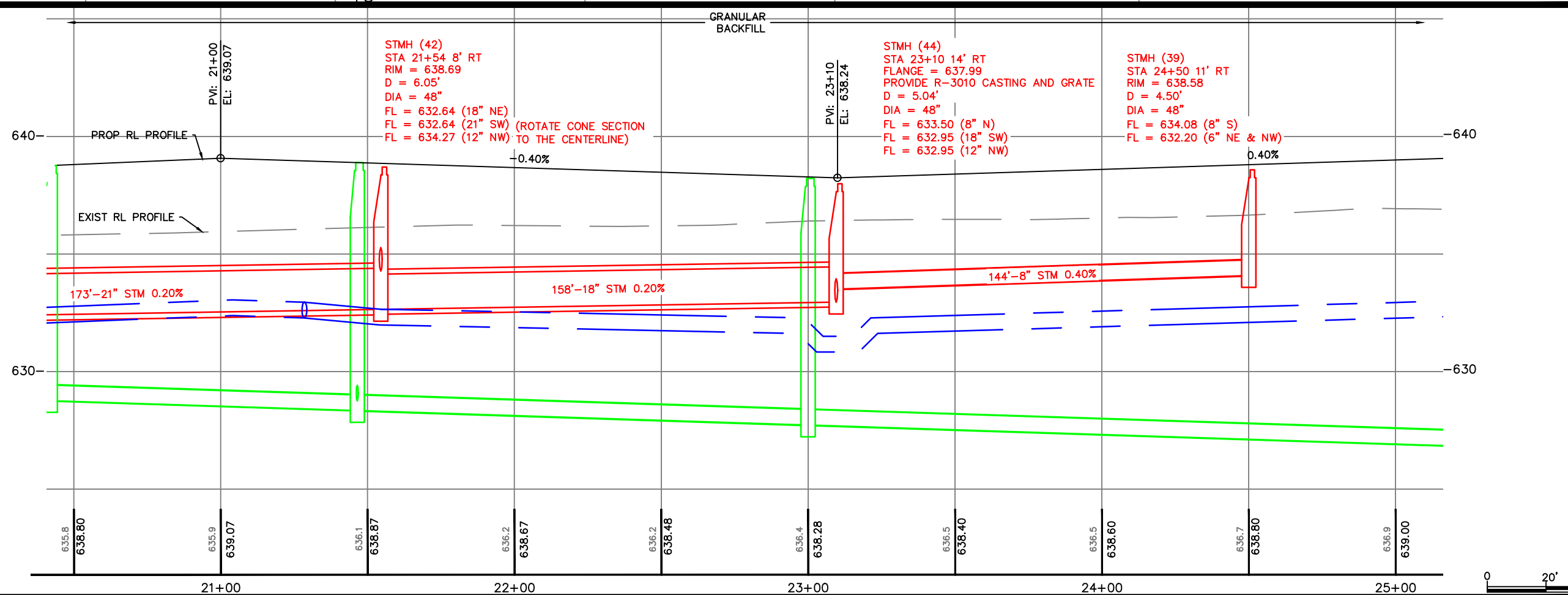
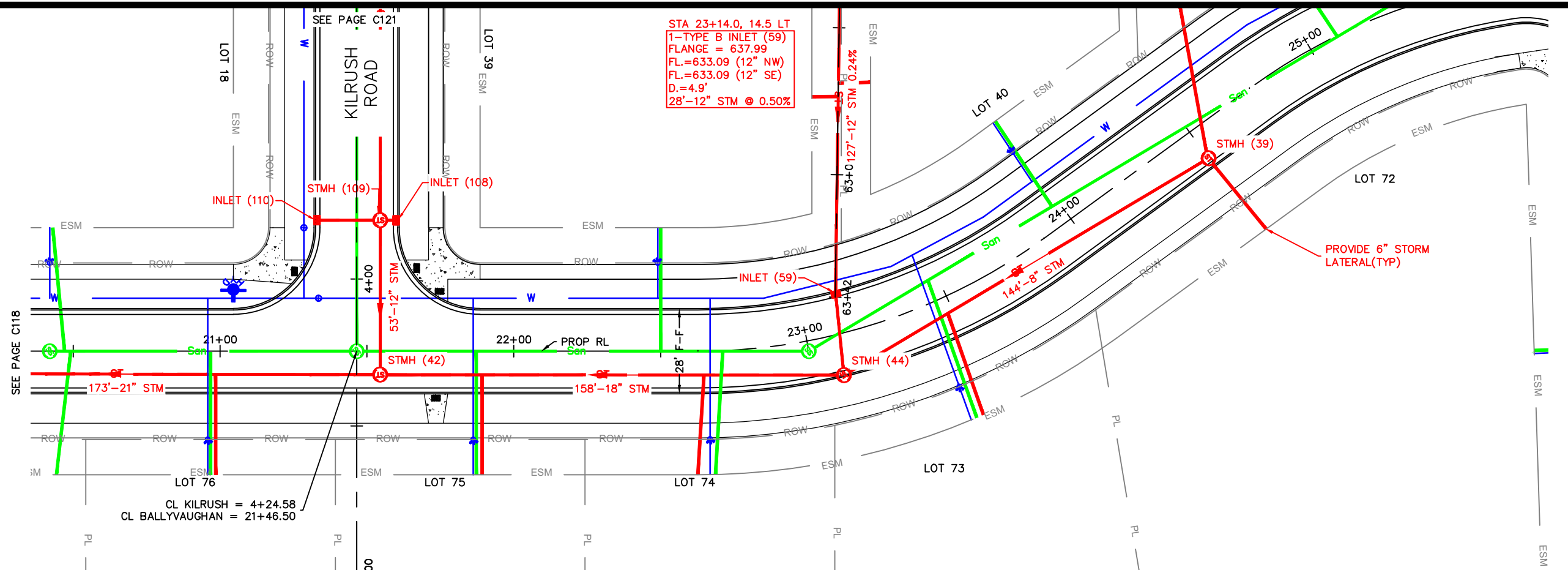
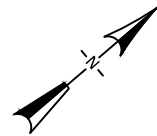
NAME: GARRITY'S GLEN SOUTH
SUBDIVISION CONSTRUCTION
PROJECT # 19-11

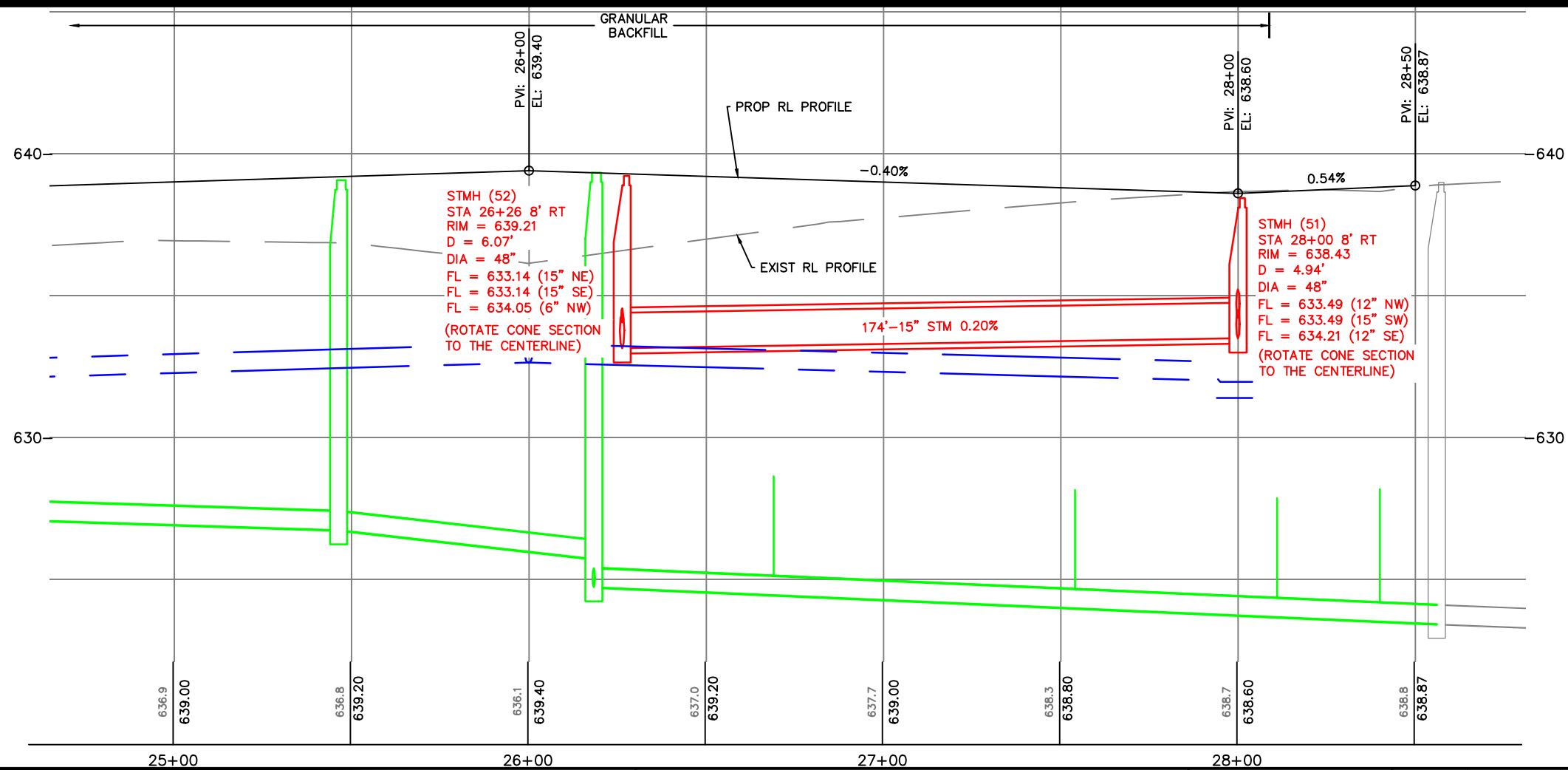
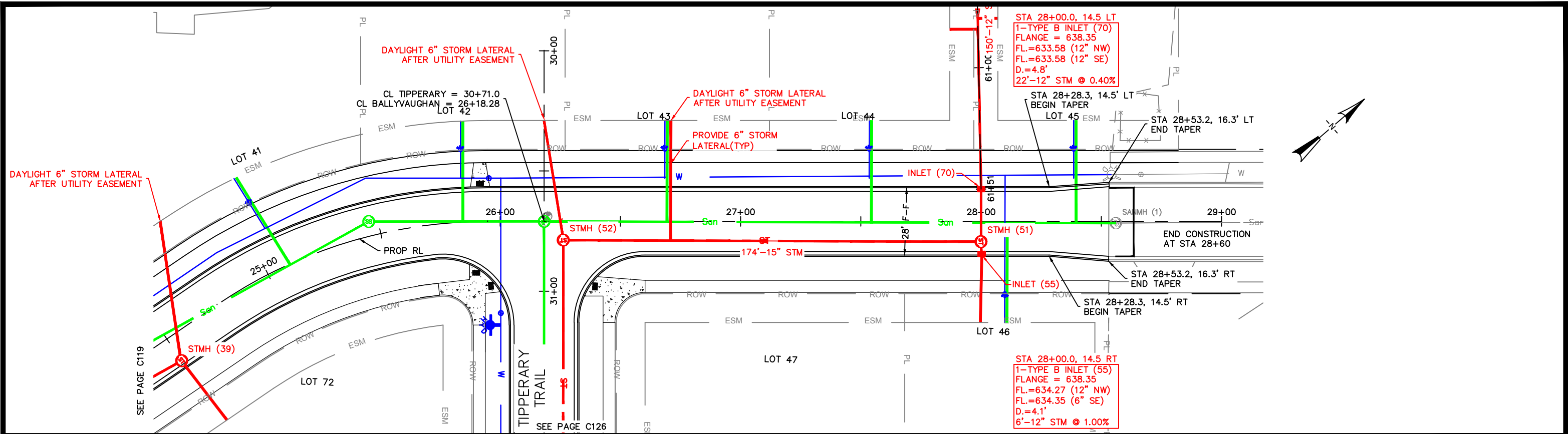
BY: MACH IV
DATE: 8-2018
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EPR

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1	9/2019	SRL	WATER MAIN AND STORM SEWER RELOCATED

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BALLYVAUGHAN ROAD 100' S/O TIPPERARY TO 250' N/O TIPPERARY STORM SEWER AND STREET

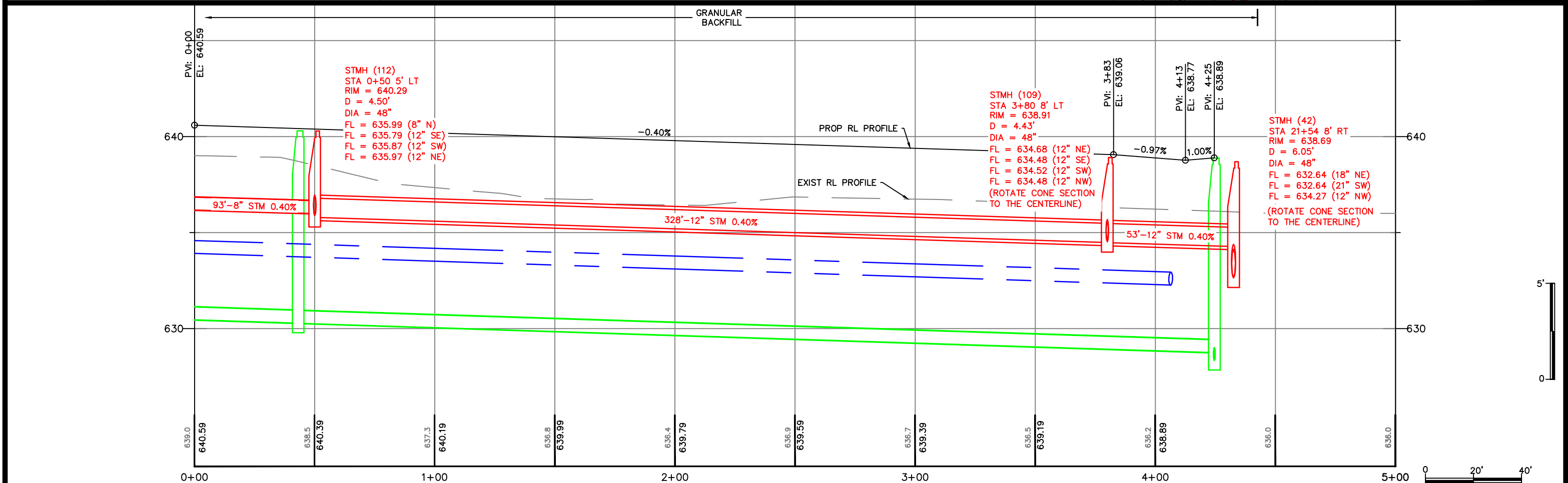
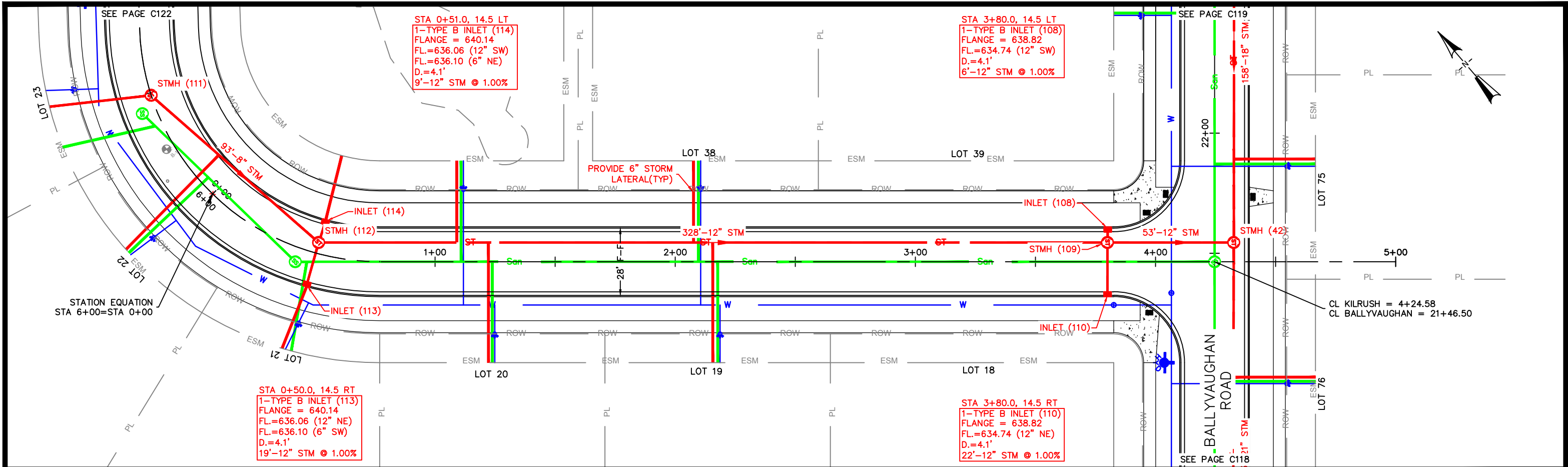
NAME: GARRITY'S GLEN SOUTH
SUBDIVISION CONSTRUCTION
PROJECT # 19-11

BY	DATE
SURVEYED	MACH IV 8-2018
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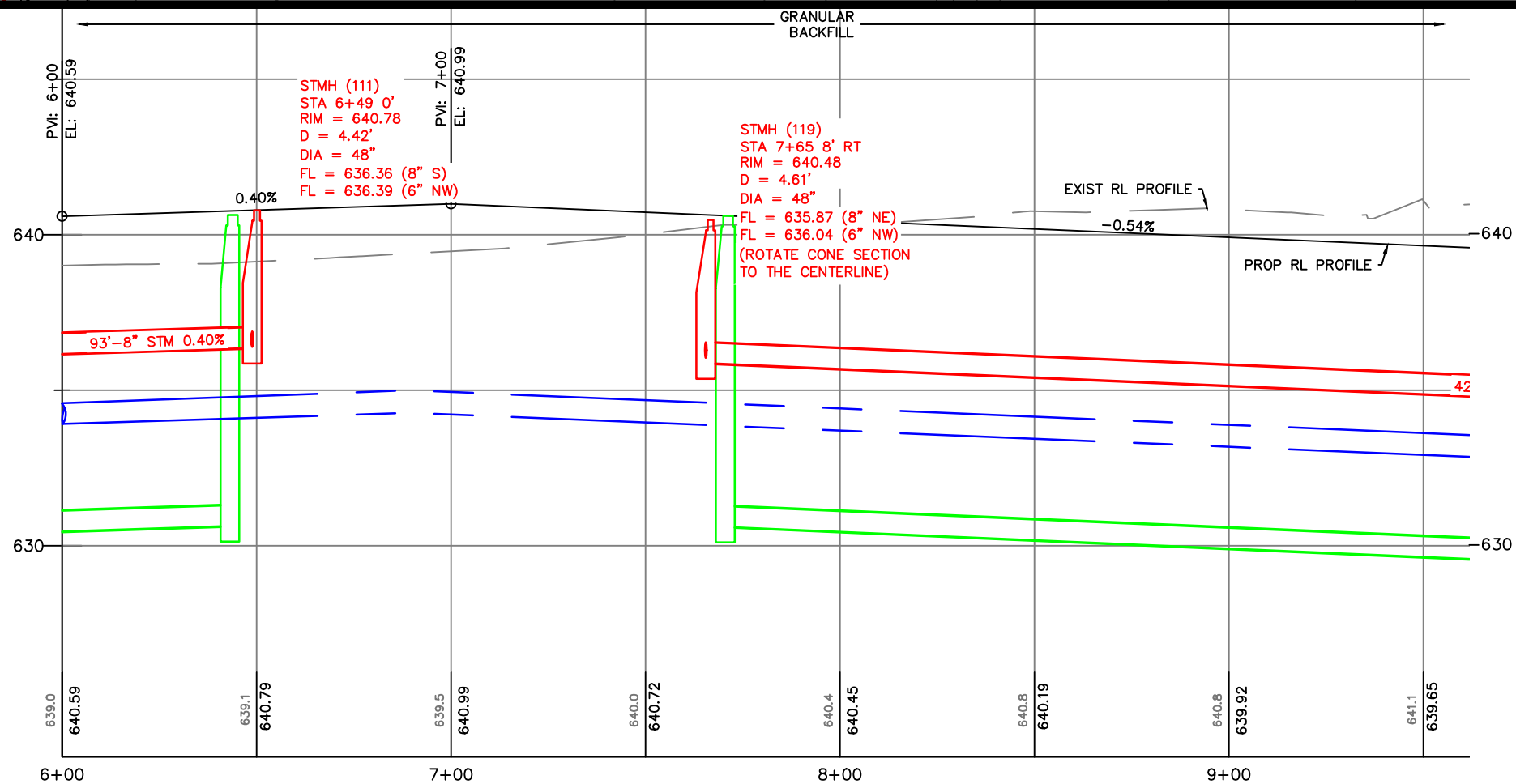
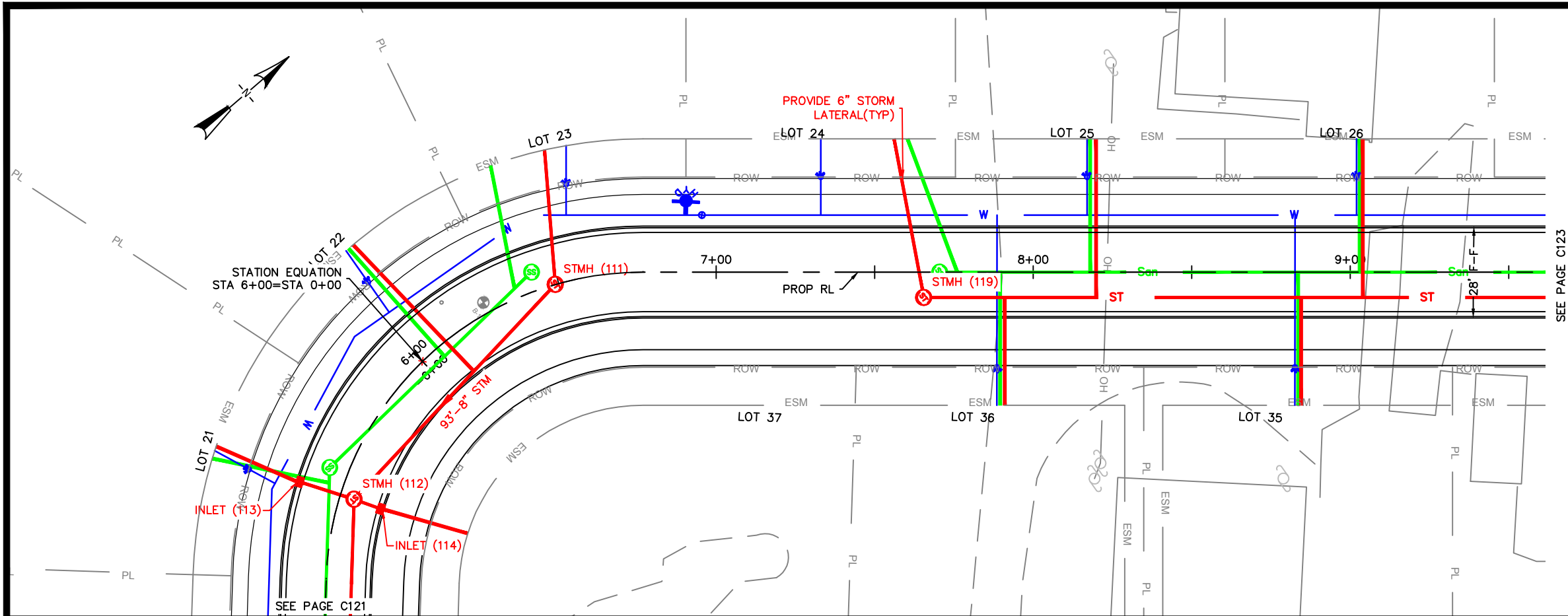
KILRUSH ROAD

450' W/O BALLYVAUGHAN TO BALLYVAUGHAN
STORM SEWER AND STREET

NAME: GARRITY'S GLEN SOUTH
SUBDIVISION CONSTRUCTION
PROJECT # 19-11

BY	DATE
MACH IV	8-2018
SRL	11-2018
SRL	11-2018
EPR	11-2018

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KILRUSH ROAD 450' W/O BALLYVAUGHAN TO 800' N/O BALLYVAUGHAN STORM SEWER AND STREET

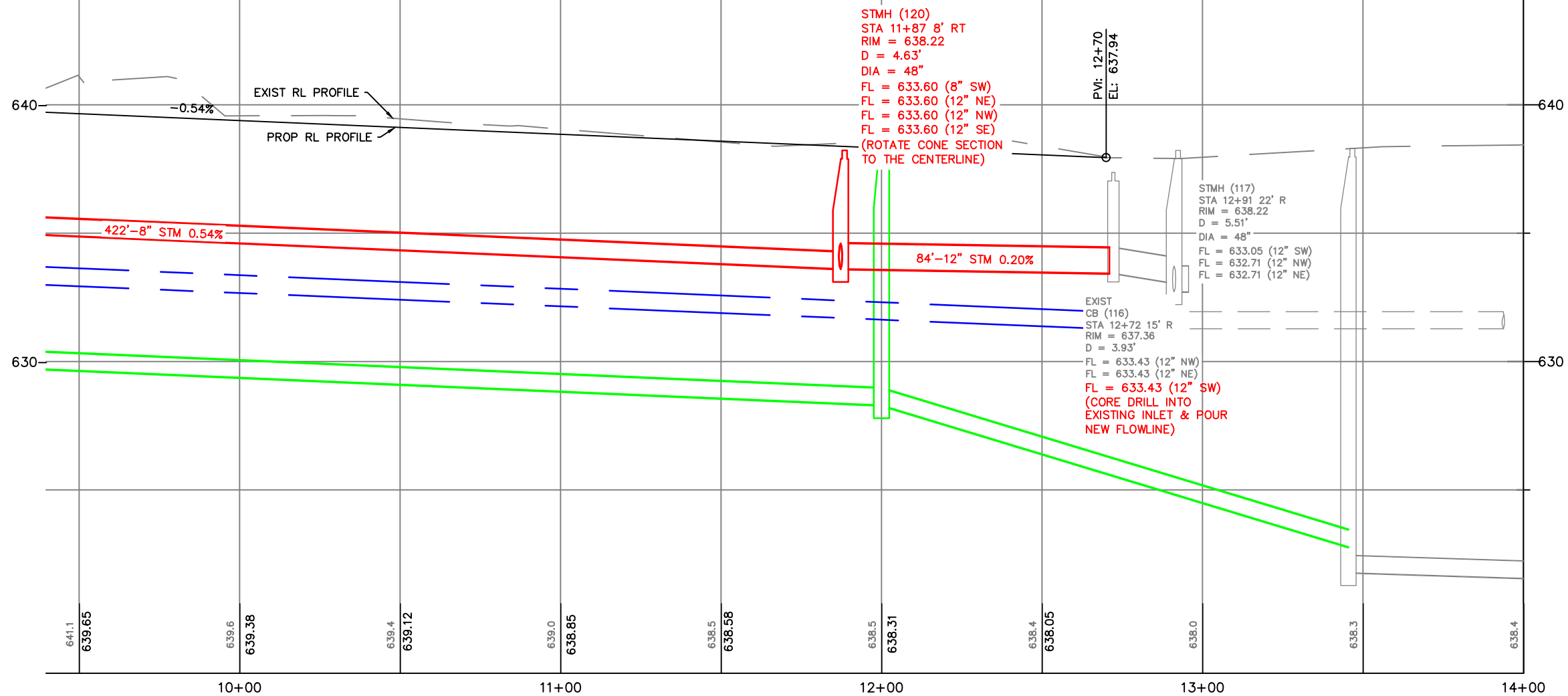
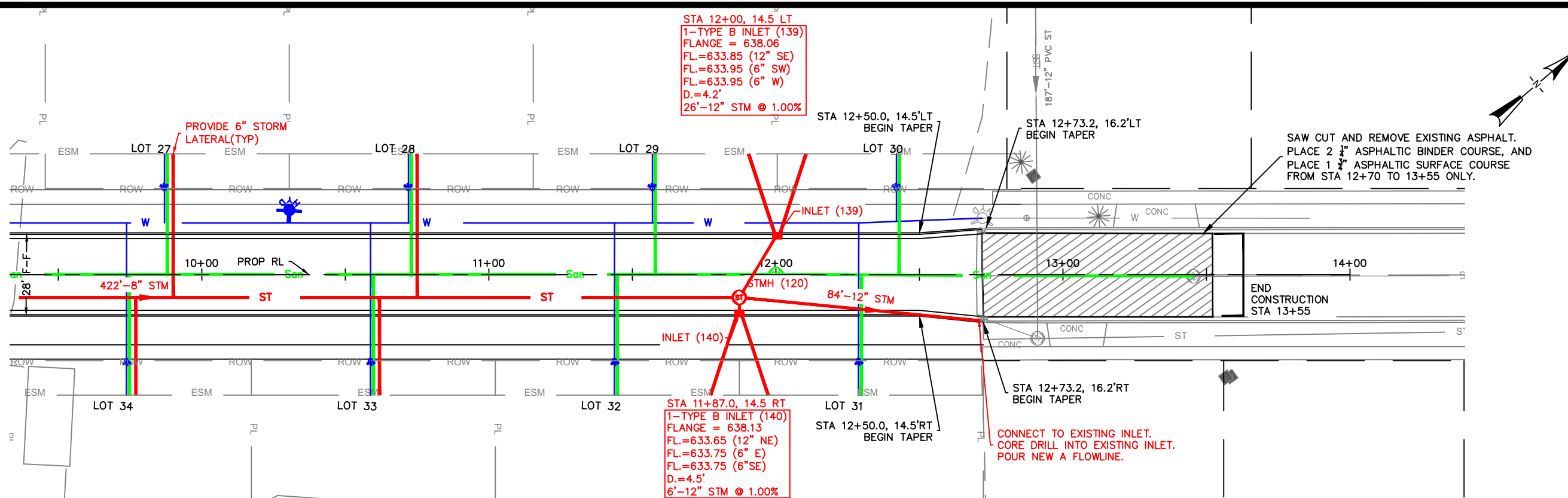
NAME: GARRITY'S GLEN SOUTH
SUBDIVISION CONSTRUCTION
PROJECT # 19-11

BY	DATE
SURVEYED	MACH IV 8-2018
DRAWN	SRL 11-2018
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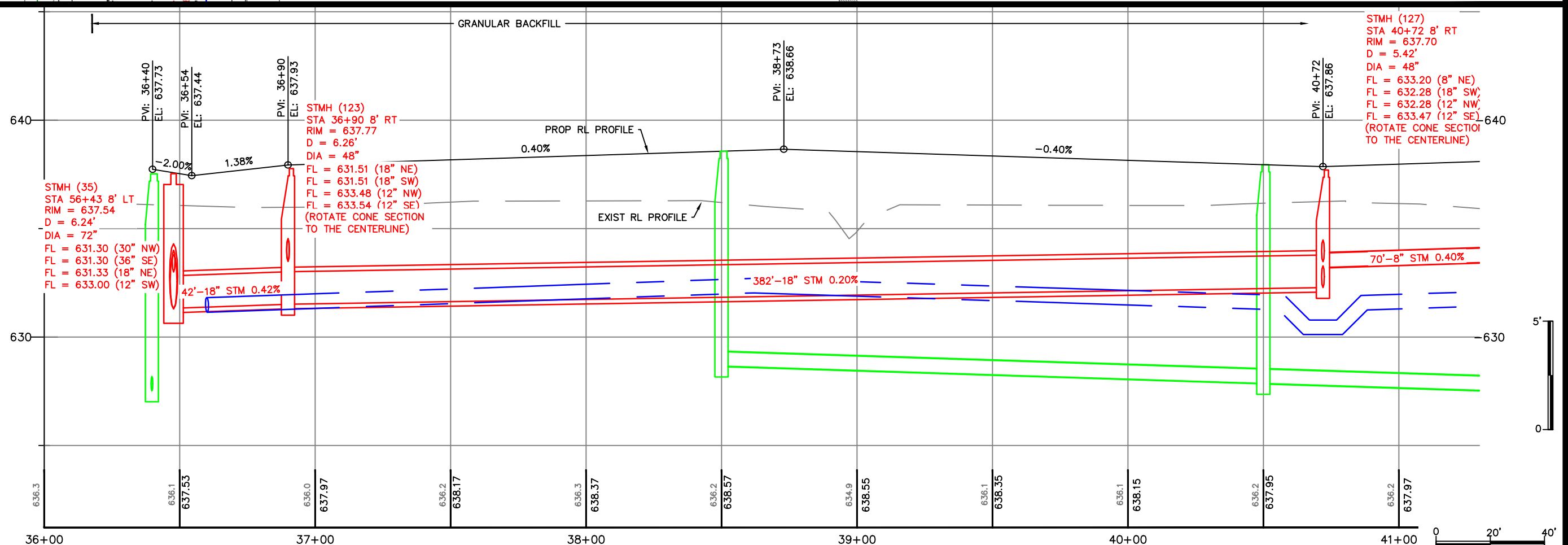
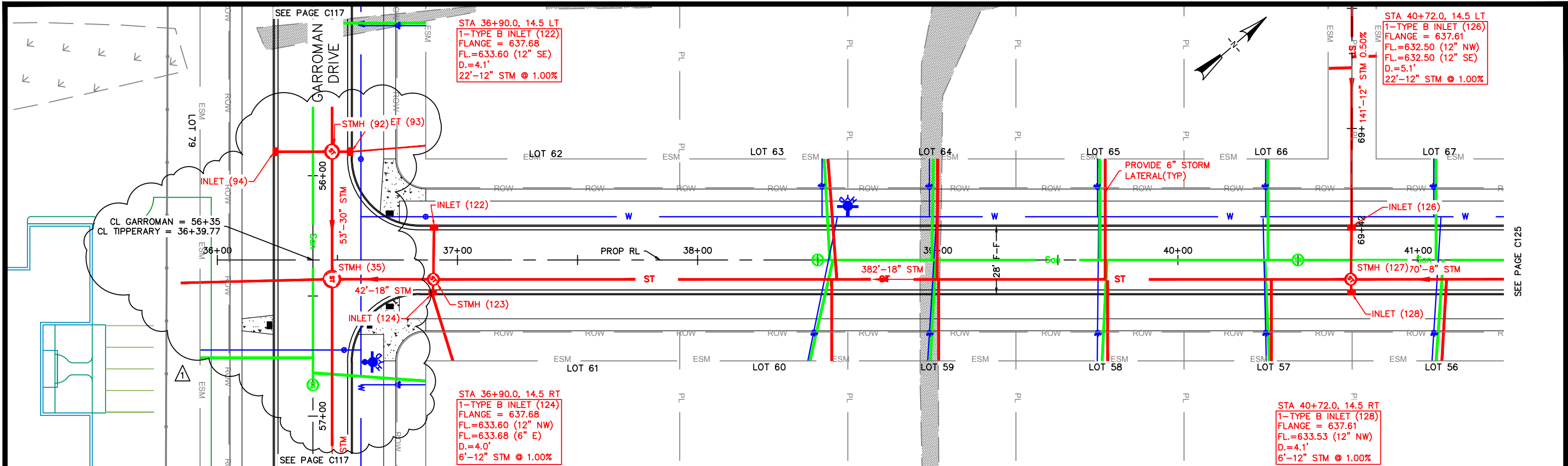
KILRUSH ROAD
800' W/O BALLYVAUGHAN TO
1700' N/O BALLYVAUGHAN
STORM SEWER AND STREET

NAME: GARRITY'S GLEN SOUTH
SUBDIVISION CONSTRUCTION
PROJECT # 19-11

	BY	DATE
SURVEYED	MACH IV	8-2018
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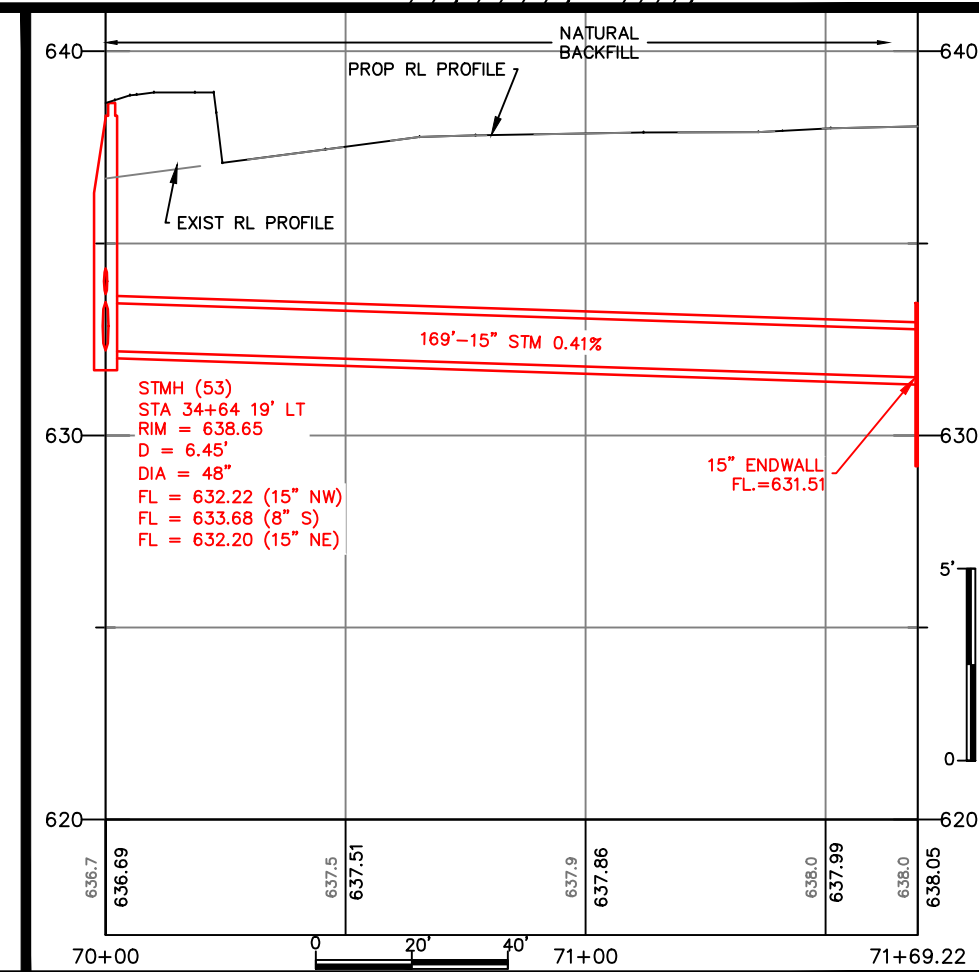
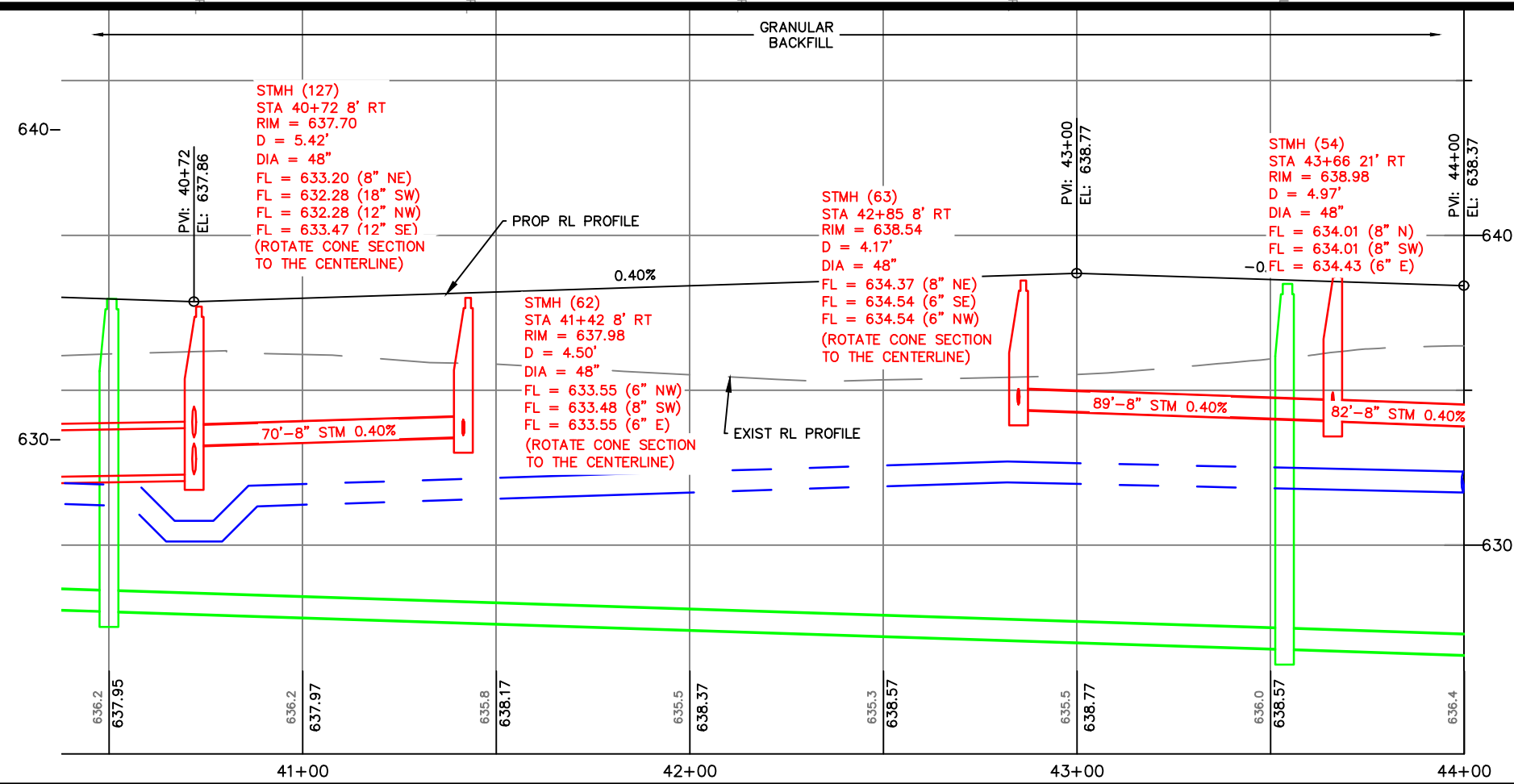
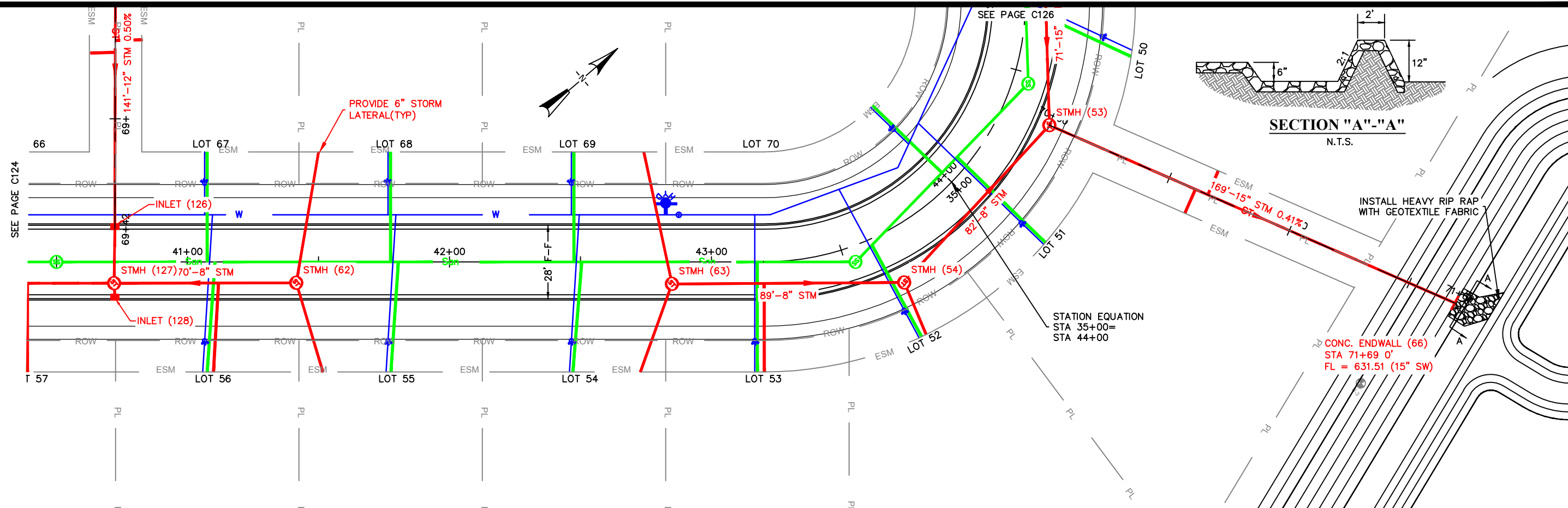
TIPPERARY TRAIL GARROMAN DRIVE TO 350' N/O GARROMAN STORM SEWER AND STREET

NAME:
GARRITY'S GLEN SOUTH
SUBDIVISION CONSTRUCTION
PROJECT # 19-11

BY	DATE
SURVEYED	MACH IV 8-2018
DRAWN	SRL 11-2018
DESIGNED	SRL 11-2018
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NO.	DATE	BY	REMARKS
1	9/2019	SRL	STORM SEWER RELOCATED AT GARROMAN

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TIPPERARY TRAIL

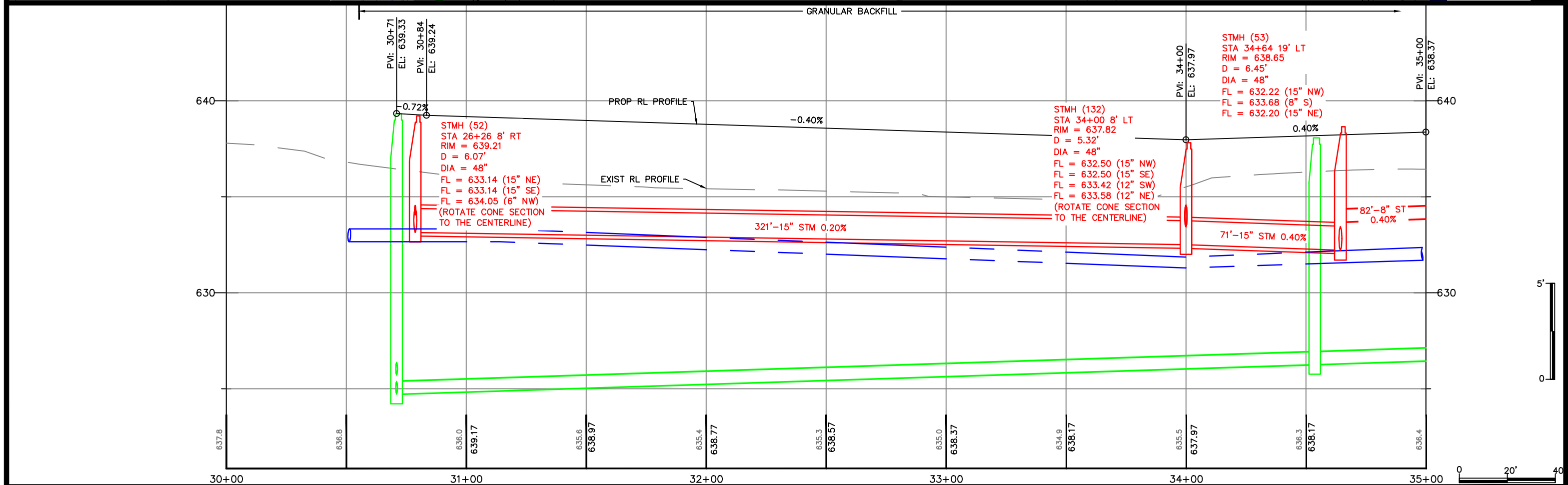
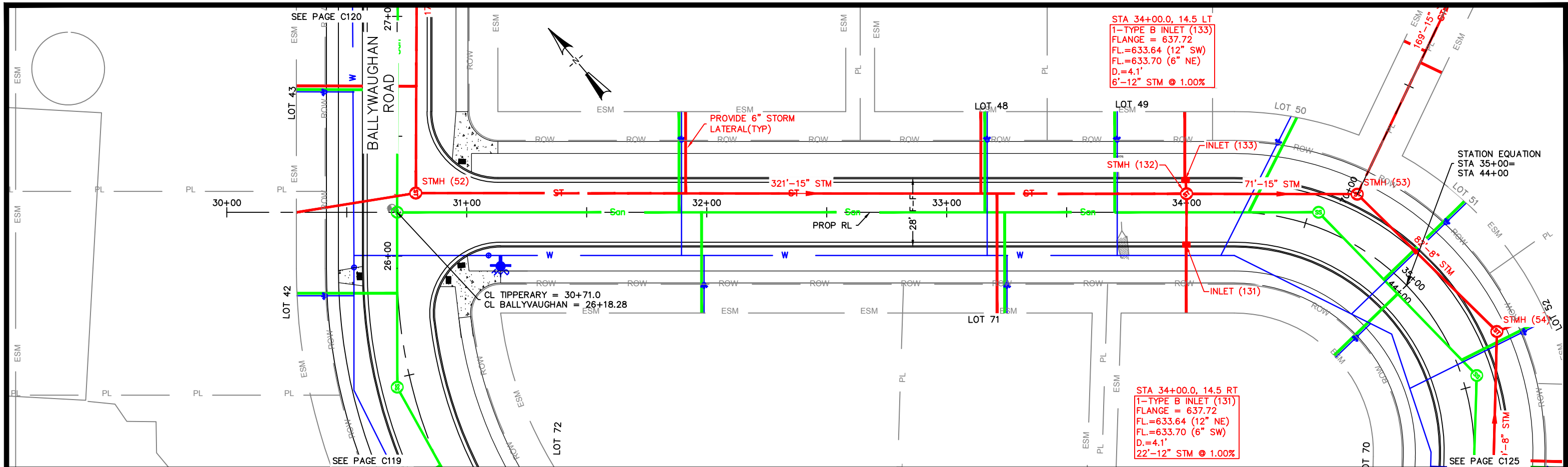
350' OF GARROMAN TO 700' N/O GARROMAN
STORM SEWER AND STREET

NAME: GARRY'S GLEN SOUTH
SUBDIVISION CONSTRUCTION
PROJECT # 19-11

BY: MACH IV
DATE: 8-2018
DRAWN: SRL
DESIGNED: SRL
CHECKED: EPR

REVISIONS / ISSUES			
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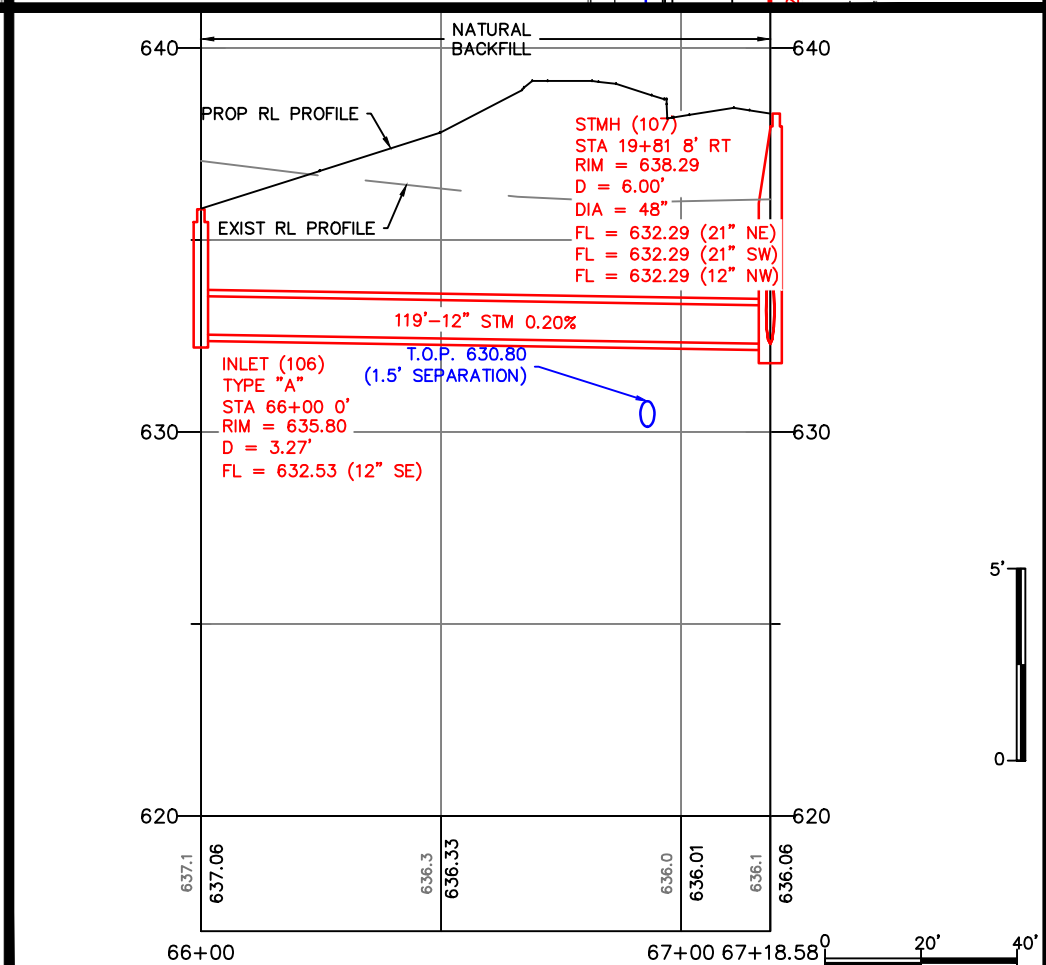
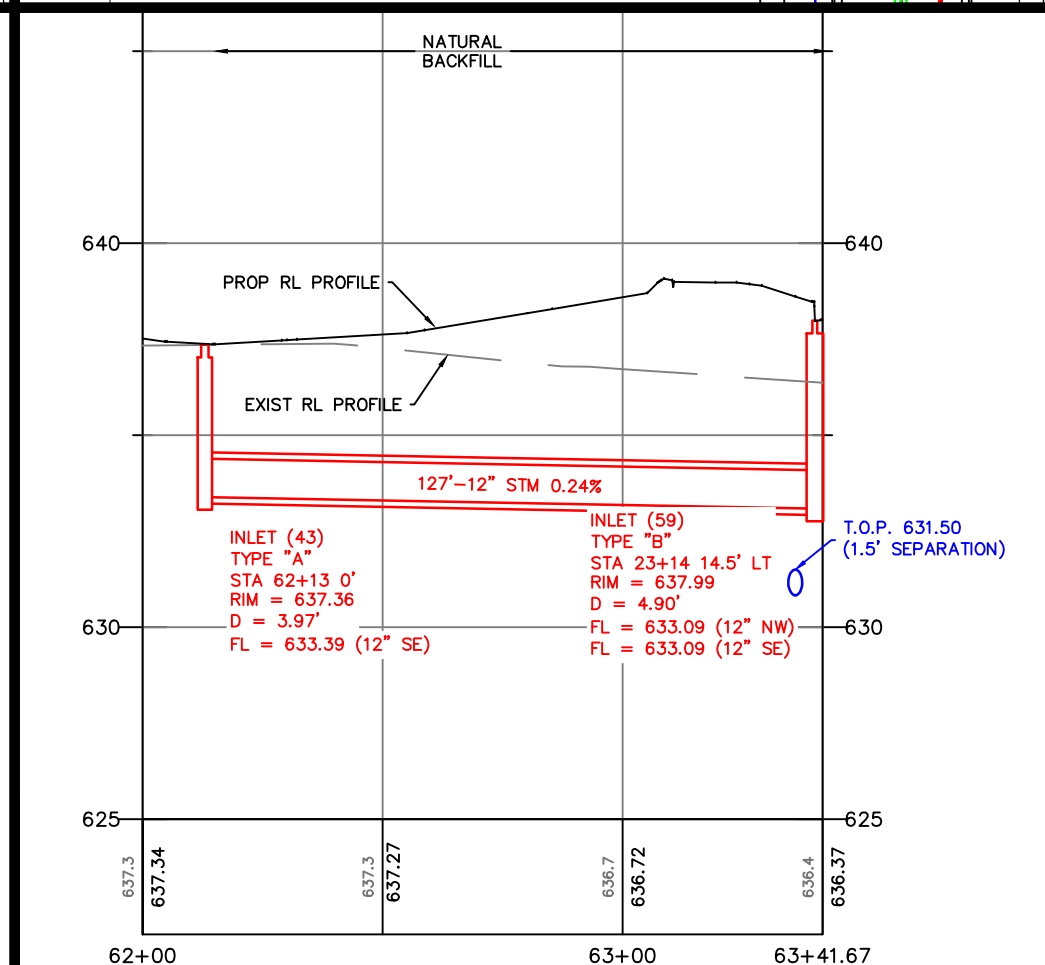
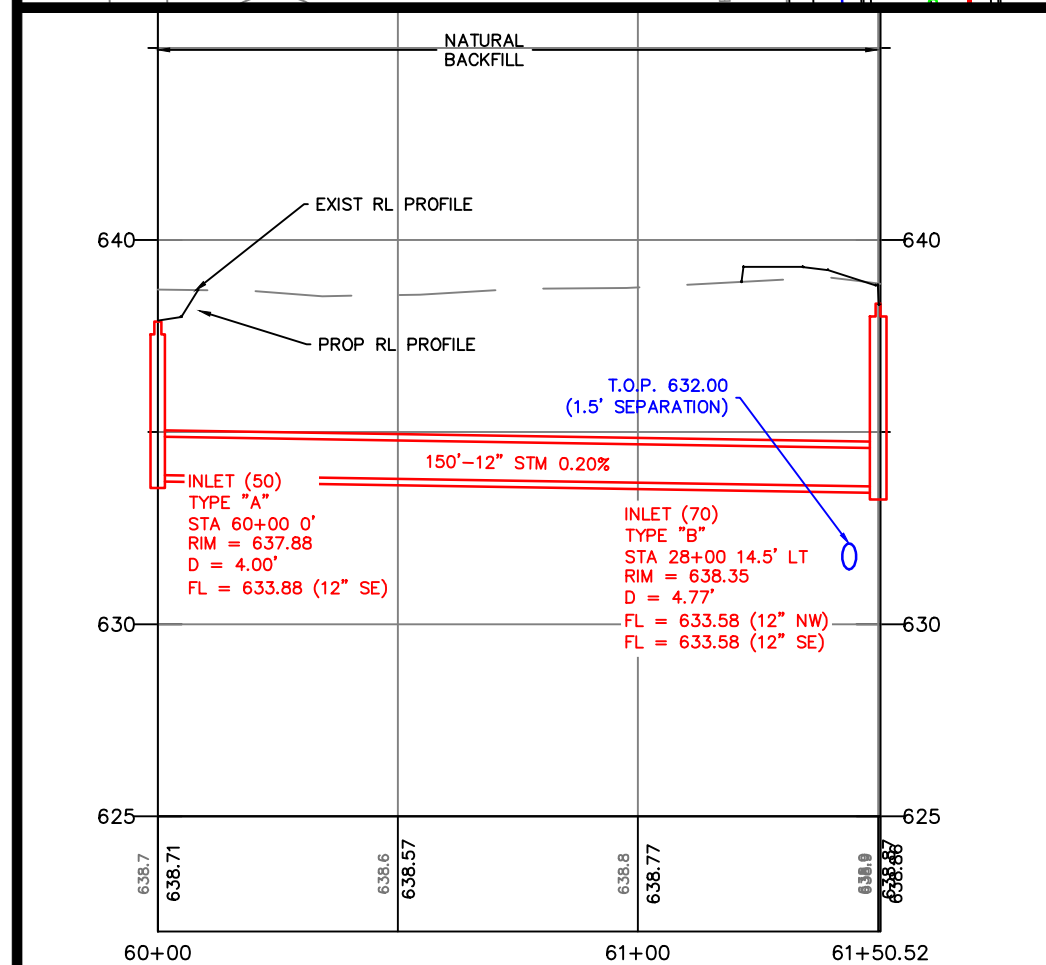
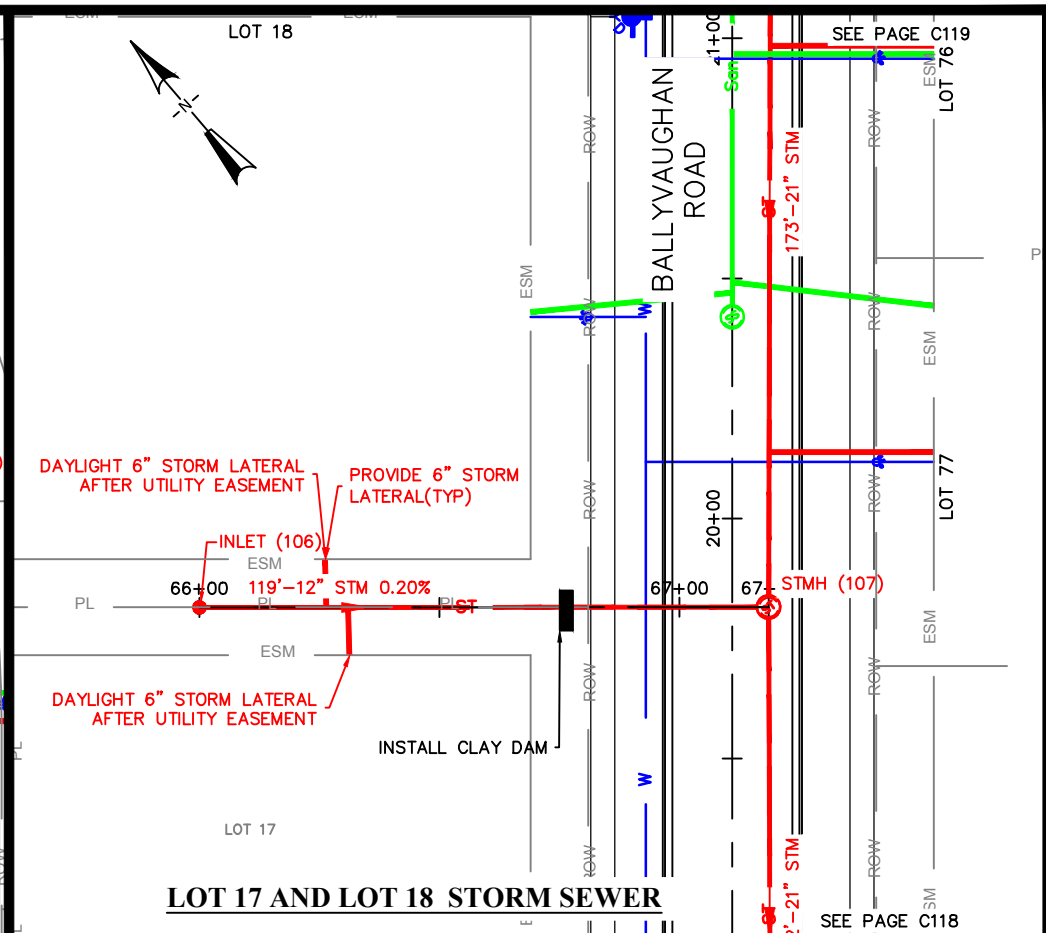
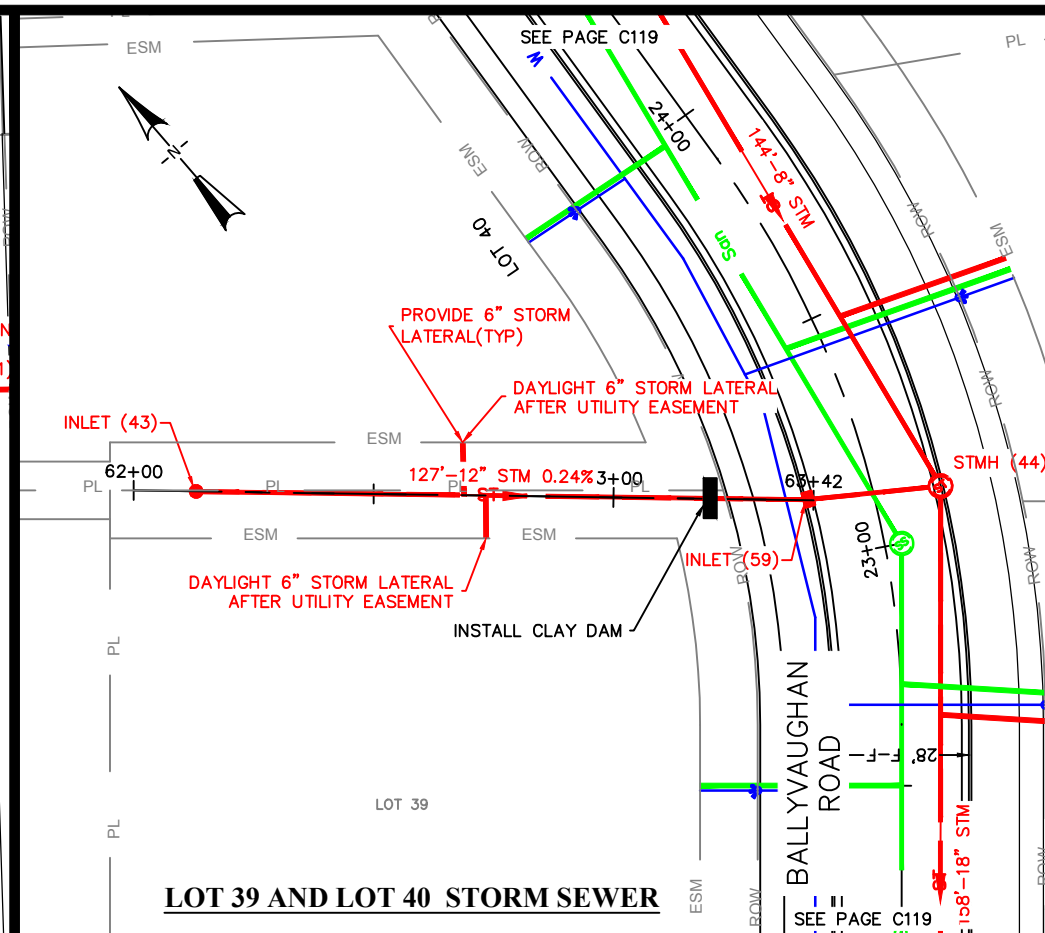
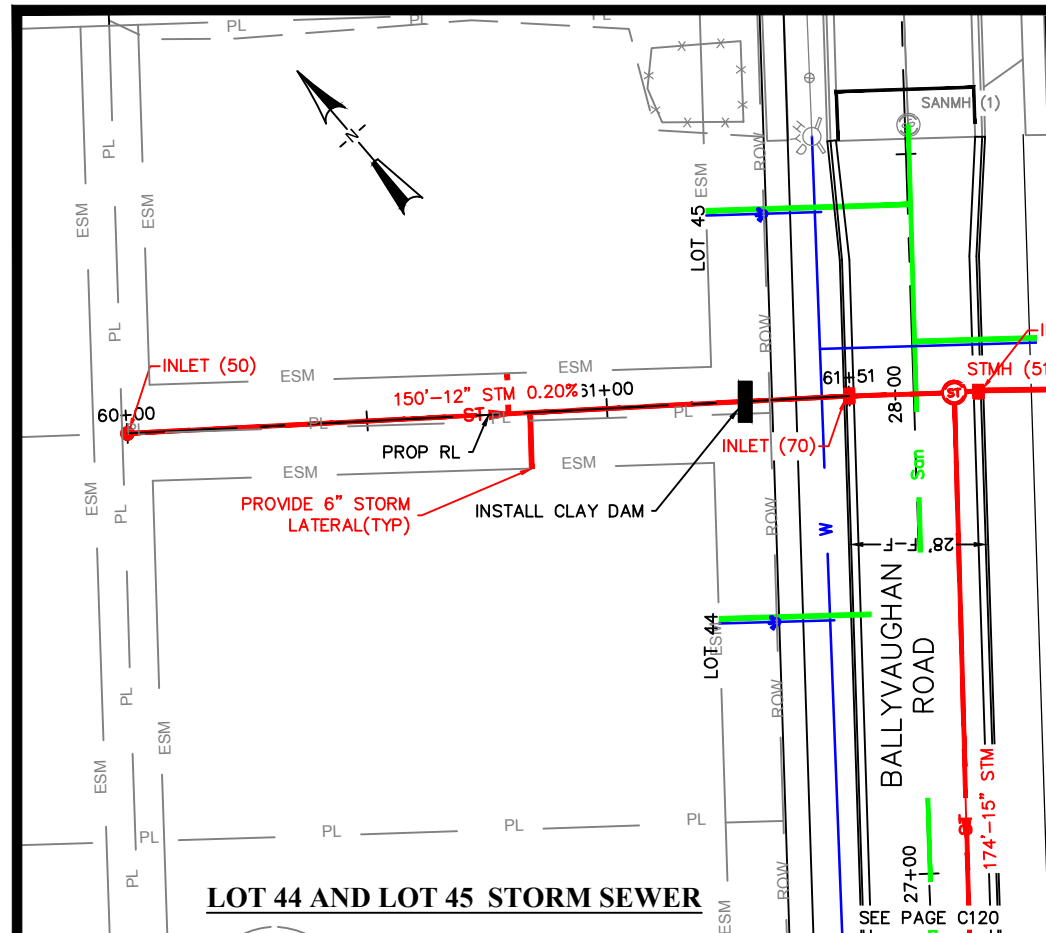


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TIPPERARY TRAIL BALLYVAUGHAN ROAD TO 700' N/O GARROMAN STORM SEWER AND STREET

NAME: GARRITY'S GLEN SOUTH SUBDIVISION CONSTRUCTION	BY: MACH IV	DATE: 8-2018	REVISIONS / ISSUES				PAGE NO. C126
PROJECT # 19-11	SURVEYED: SRL	11-2018	NO.	DATE	BY	REMARKS	
	DRAWN: SRL	11-2018					
	DESIGNED: EPR	11-2018					
	CHECKED: EPR	11-2018					



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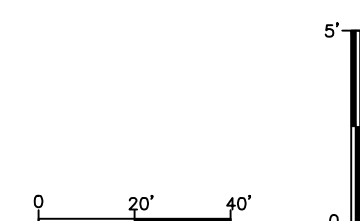
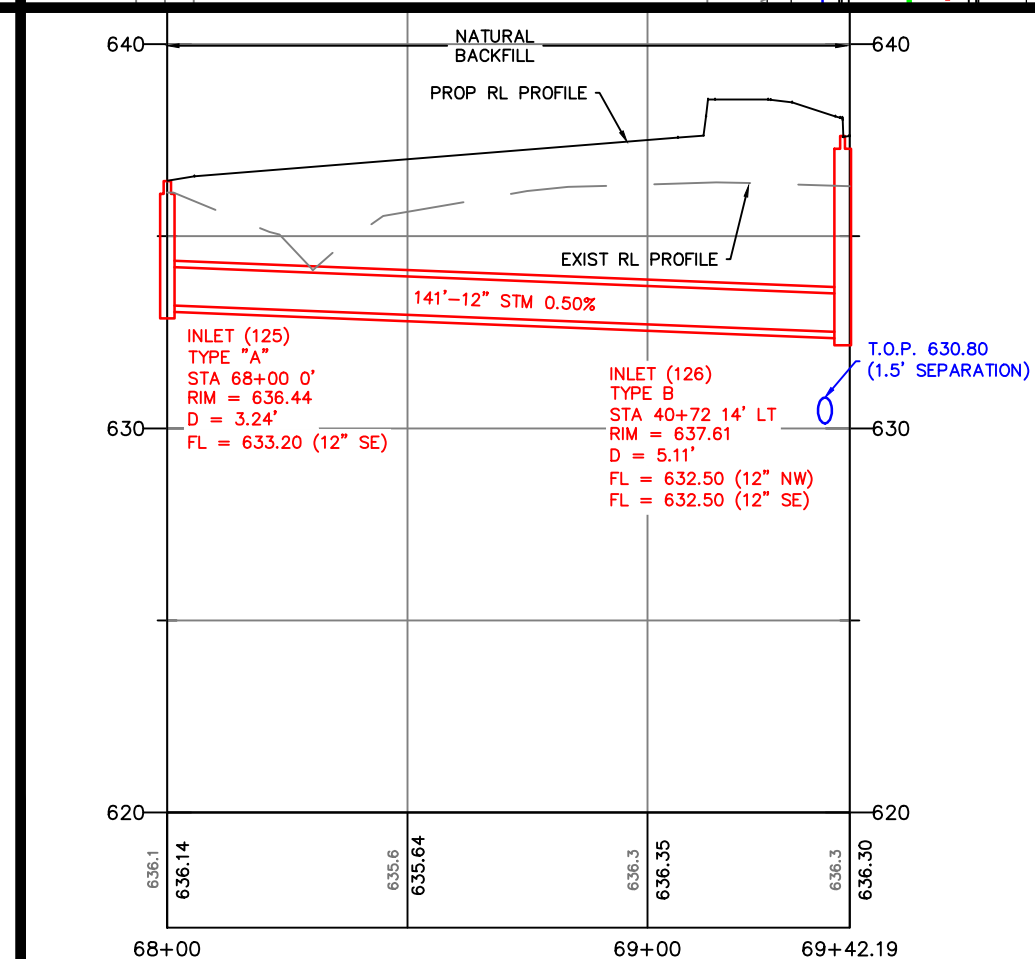
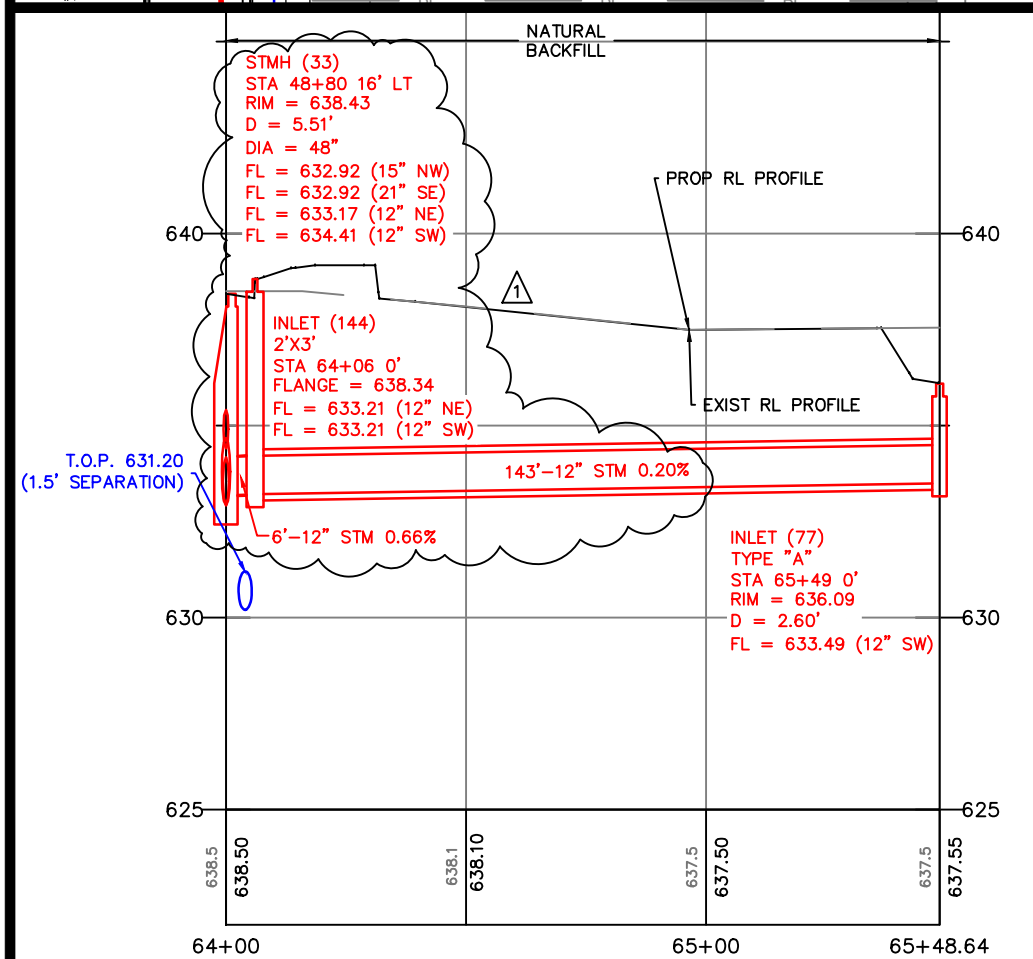
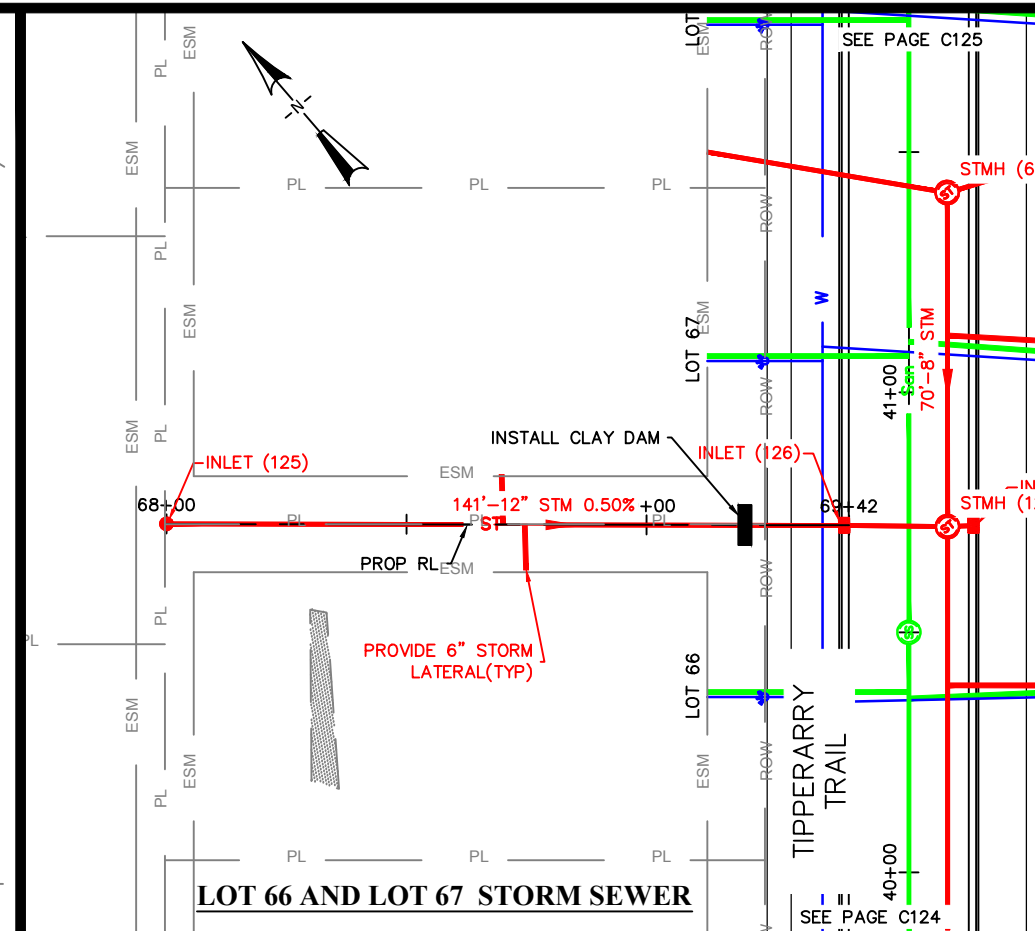
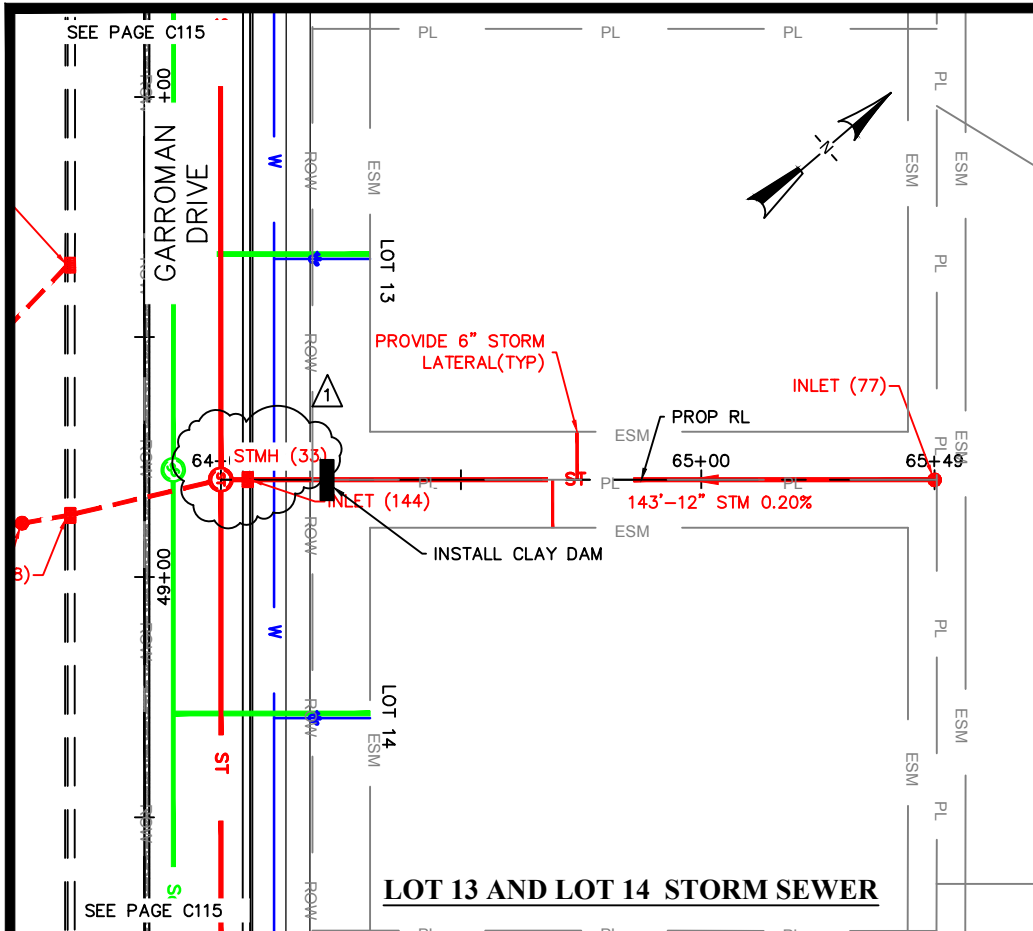
REAR LOTS STORM SEWER LOTS 44-45, LOTS 39-40 AND LOTS 17-18 STORM SEWER

NAME: GARRY'S GLEN SOUTH
SUBDIVISION CONSTRUCTION
PROJECT # 19-11

BY	DATE
SURVEYED	MACH IV 8-2018
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REAR LOTS STORM SEWER LOTS 13-14 AND LOTS 66-67 STORM SEWER

NAME: GARRITY'S GLEN SOUTH
SUBDIVISION CONSTRUCTION
PROJECT # 19-11

NO.	DATE	BY	REMARKS
1	9/2019	SRL	STORM SEWER RELOCATED AND ROAD WIDTH

NO.	DATE	BY	REMARKS
1	9/2019	SRL	STORM SEWER RELOCATED AND ROAD WIDTH

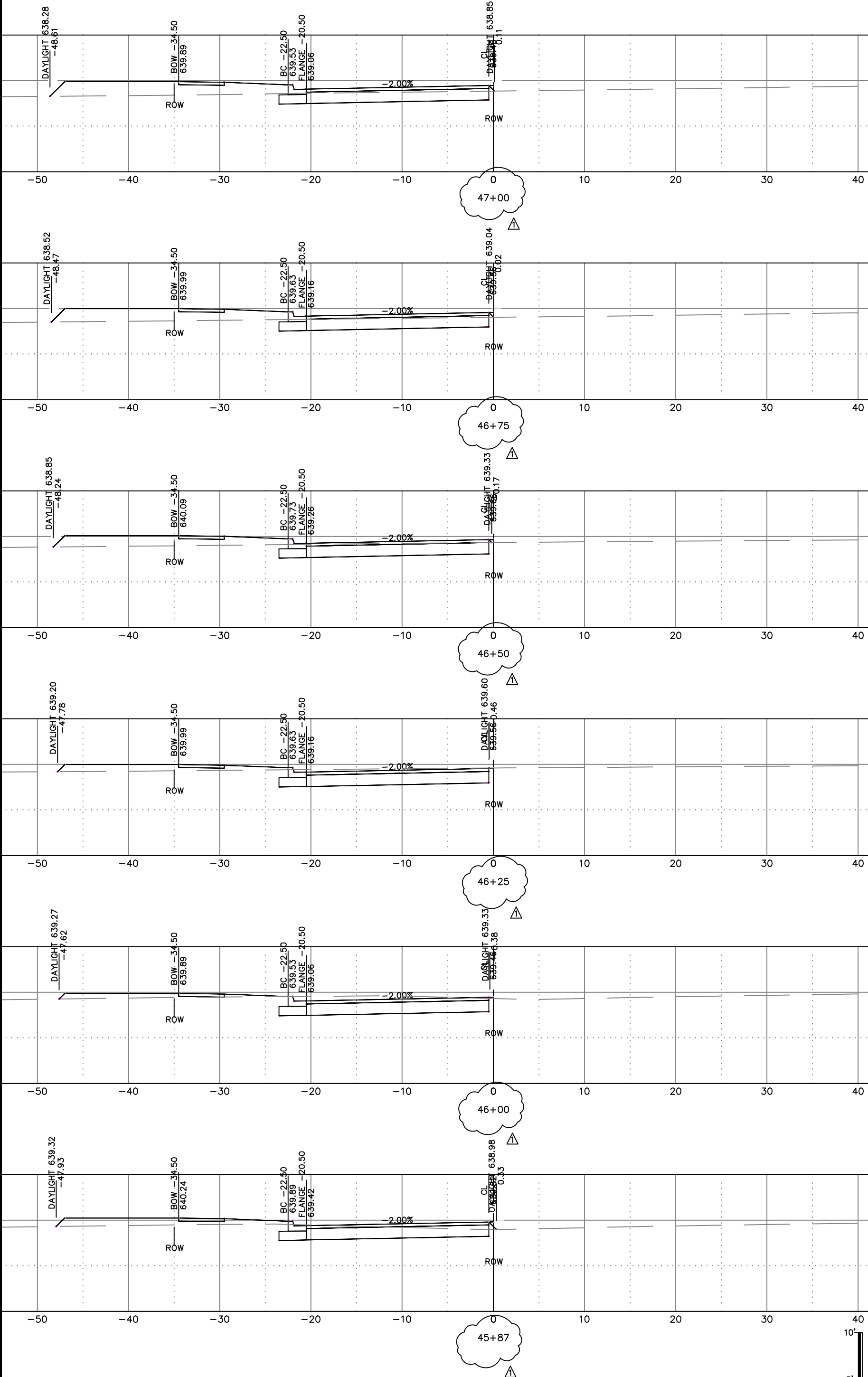
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GARROMAN DRIVE
CROSS SECTIONS

NAME: GARRITY'S GLEN SOUTH SUBDIVISION CONSTRUCTION			REVISIONS / ISSUES			
	BY	DATE	NO.	DATE	BY	REMARKS
	SURVEYED	MACHIV	08-2018	1	9/2019	ROAD WIDTH AND GRADES
	DRAWN	SRL	5-2019			
	DESIGNED	SRL	5-2019			
PROJECT #						
19-11	CHECKED	EPR	5-2019			





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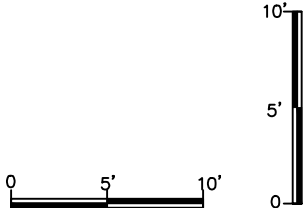
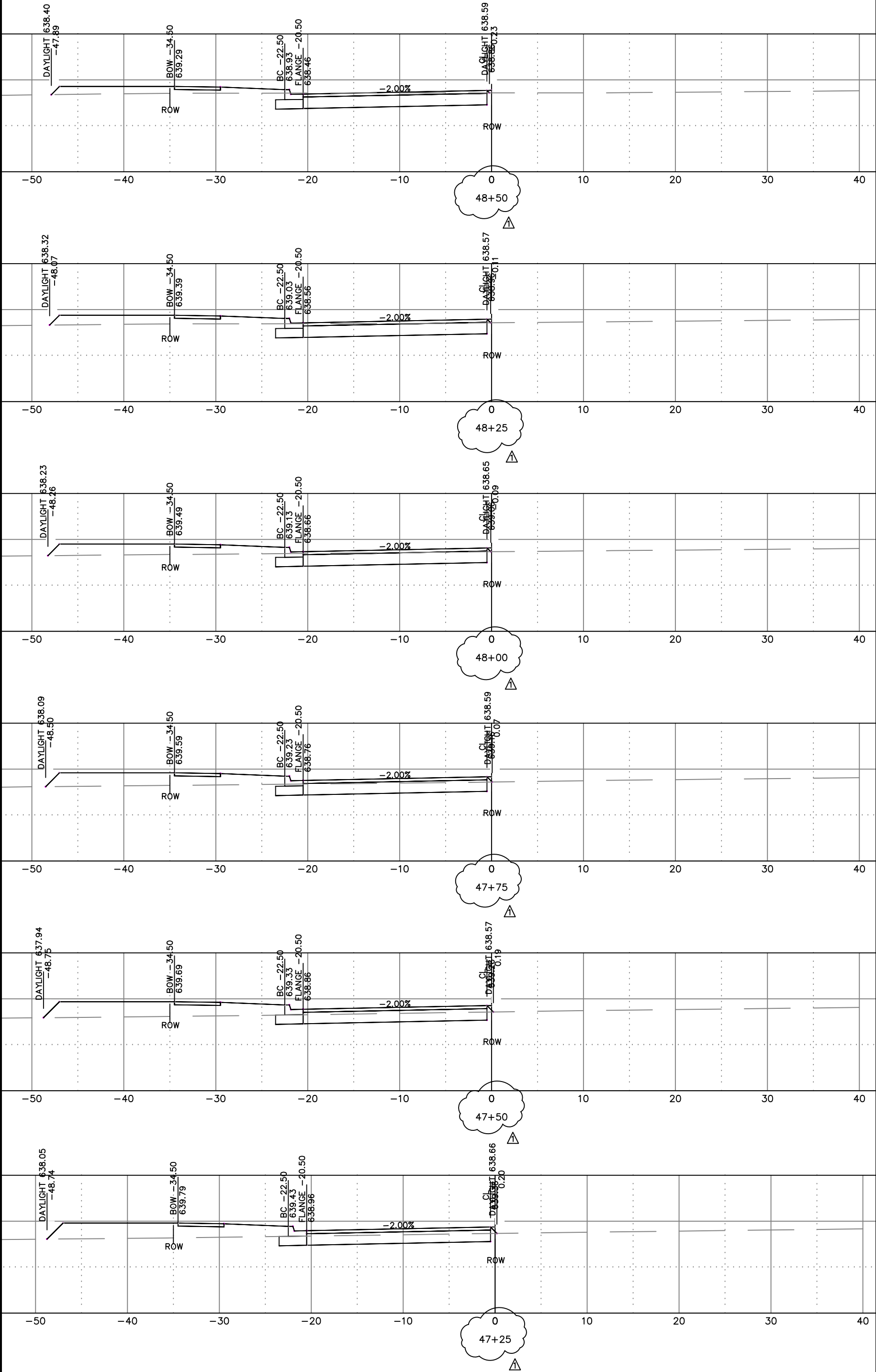
ENGINEERING DIVISION 925 S. SIXTH ST DE PERE WI 54115
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GARROMAN DRIVE

CROSS SECTIONS

NAME: GARRITY'S GLEN SOUTH SUBDIVISION CONSTRUCTION	BY	DATE	REVISIONS / ISSUES	
			NO.	DATE
			1	9/2019
PROJECT # 19-11	SUBMITTED	MACHIV	08-2018	
	DRAWN	SRL	5-2019	
	DESIGNED	SRL	5-2019	
	CHECKED	EPR	5-2019	

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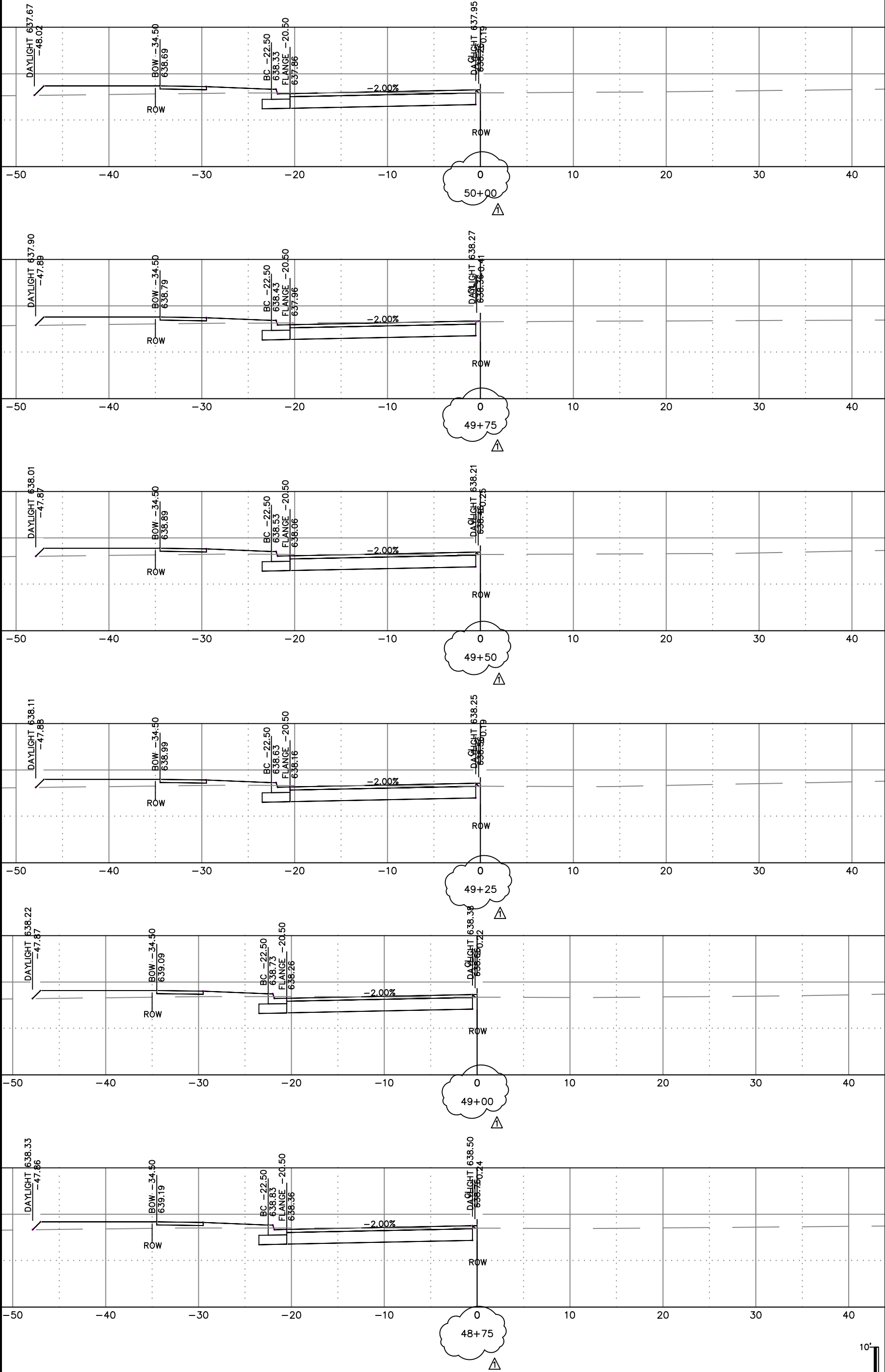




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ENGINEERING DIVISION 925 S. SIXTH ST DE PERE WI 54115
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CROSS SECTIONS
GARROMAN DRIVE

NAME:		BY		DATE	
PROJECT #		SHEET		NO.	
19-11		1		1	
SUBDIVISION CONSTRUCTION		DESIGNED		DATE	
		SRL		5-2019	
		CHECKED		5-2019	
		EPR			
		REVISIONS / ISSUES		REMARKS	
		BY		DATE	
		SRL		9/2019	
		ROAD WIDTH AND GRADES			





DE PERE

CITY OF DE PERE

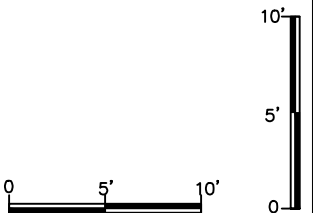
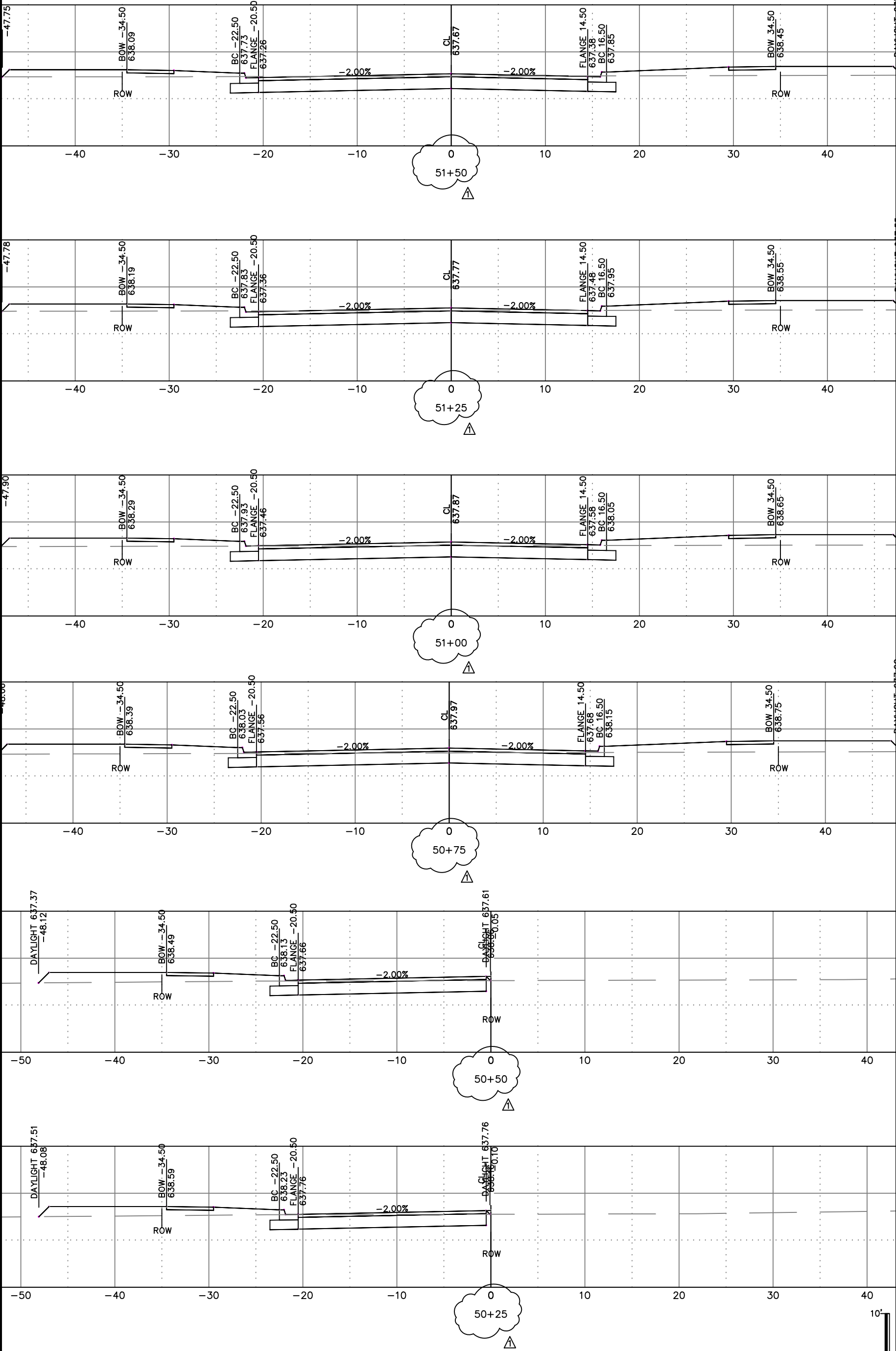
ENGINEERING DIVISION 925 S. SIXTH ST DE PERE WI 54115
OFFICE 920-339-4061 FAX 920-339-4071

GARROMAN DRIVE

CROSS SECTIONS

NAME:	GARRITY'S GLEN SOUTH SUBDIVISION CONSTRUCTION	REVISIONS / ISSUES					
		BY	DATE	NO.	DATE	BY	REMARKS
PROJECT # 19-11	SURVEYED	MACHIV	08-2018	1	9/2019		ROAD WIDTH AND GRADES
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	DESIGNED	SRL	5-2019				
	CHECKED	EPR	5-2019				

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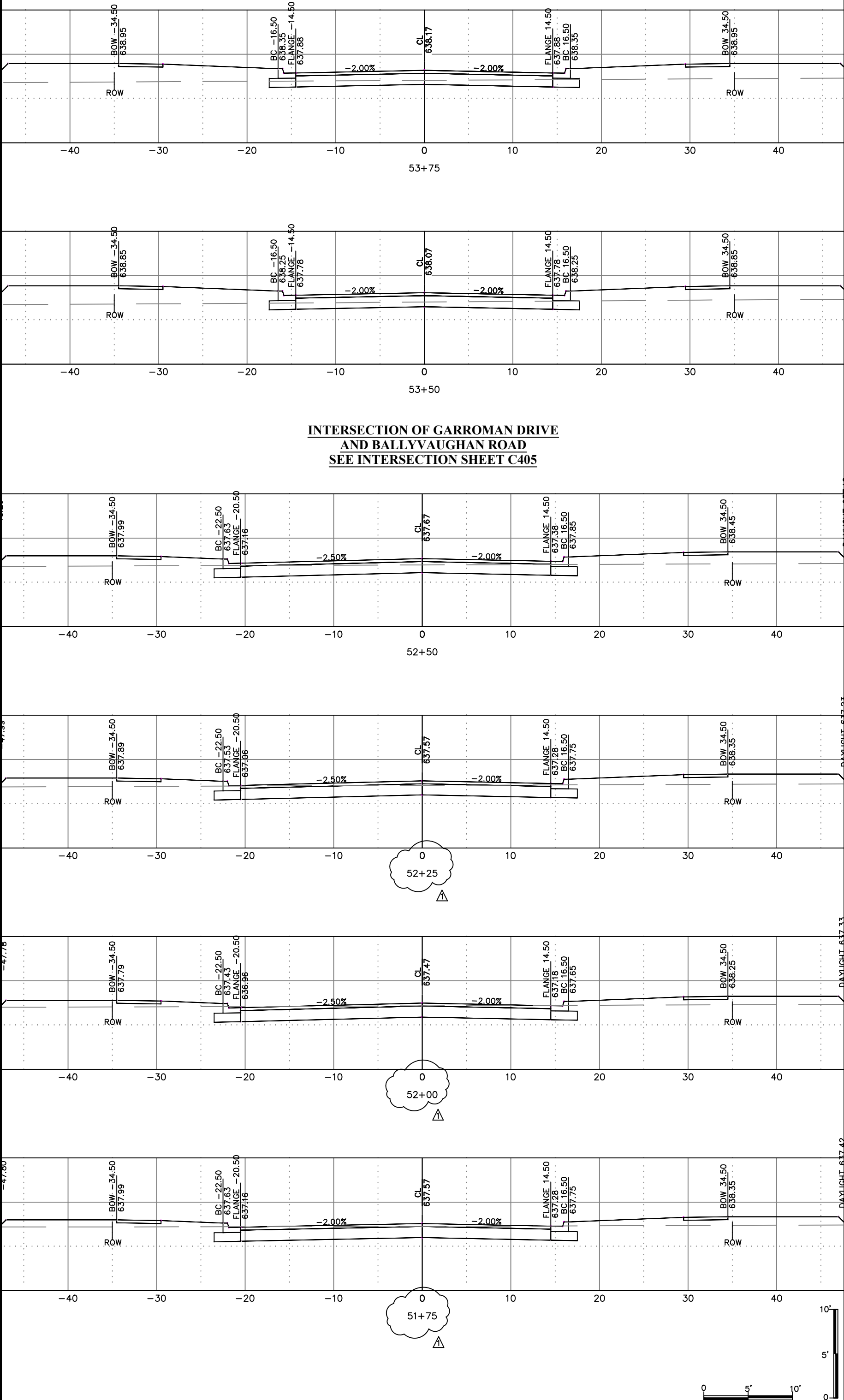




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GARROMAN DRIVE
CROSS SECTIONS

NAME:	GARRITY'S GLEN SOUTH						
	SUBDIVISION CONSTRUCTION						
PROJECT #		BY	DATE	NO.	DATE	BY	REMARKS
		SURVEYED	MACHIV	08-2018	1	9/2019	ROAD WIDTH AND GRADES
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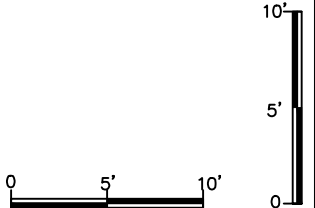
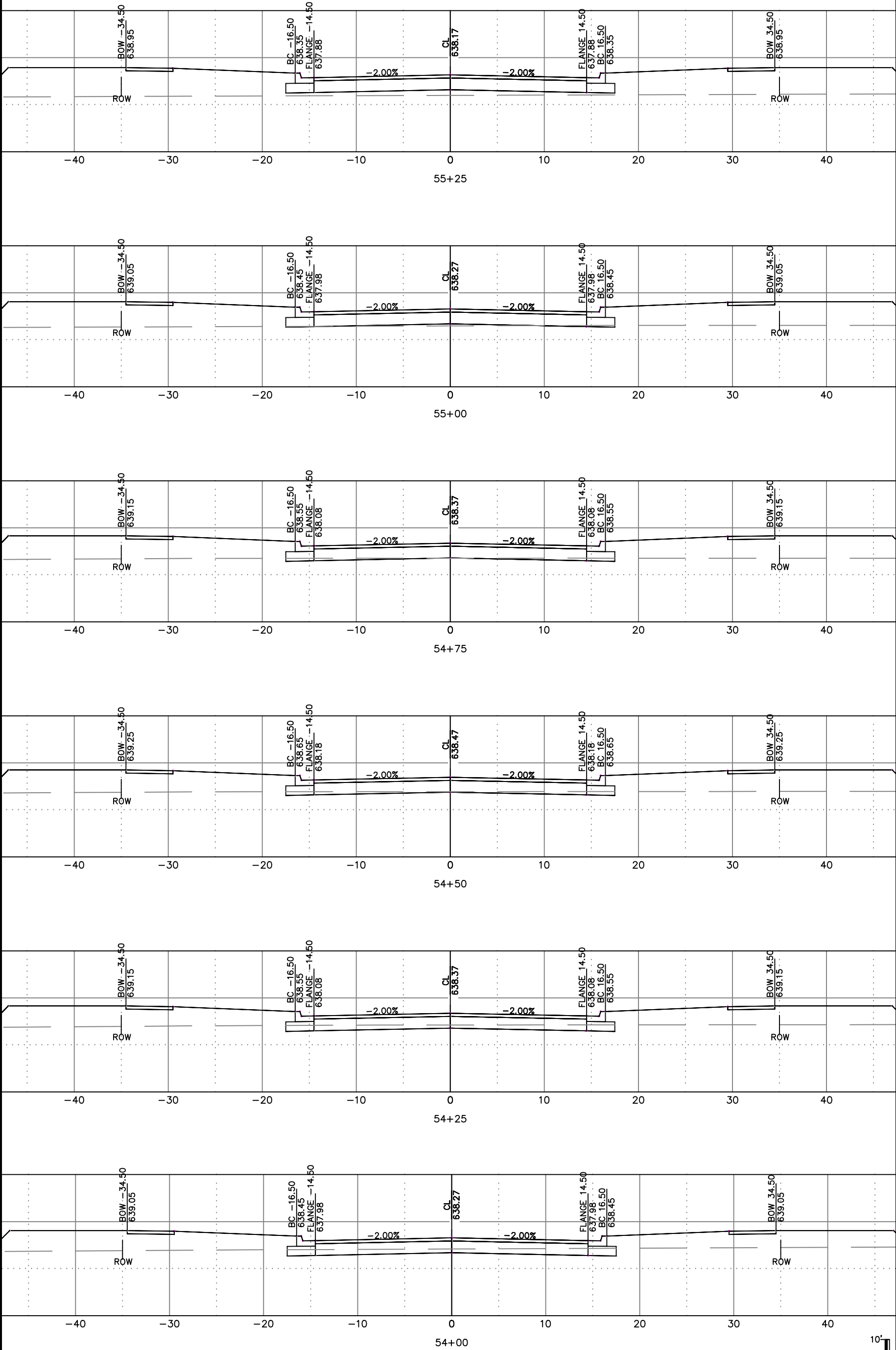




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GARROMAN DRIVE
CROSS SECTIONS

NAME: GARRYT'S GLEN SOUTH SUBDIVISION CONSTRUCTION		BY		DATE		NO.		DATE		BY		REVISIONS / ISSUES		REMARKS	
PROJECT # 19-11		SURVEYED		MARCH IV		06-2018									
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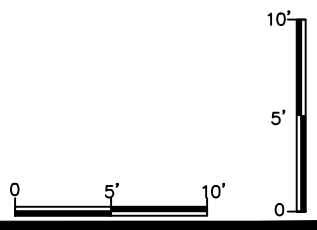
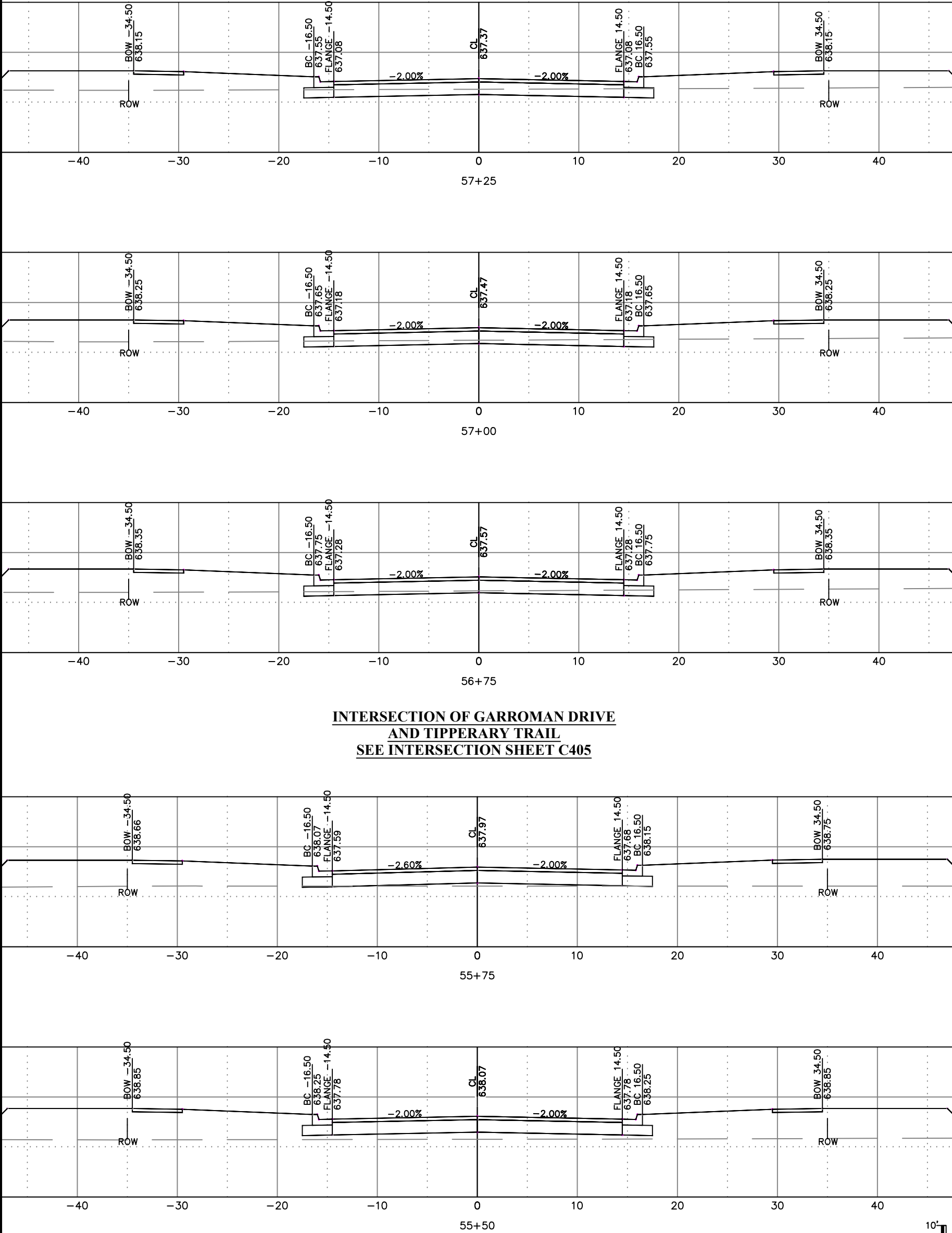




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GARROMAN DRIVE
CROSS SECTIONS

NAME: GARRITY'S GLEN SOUTH SUBDIVISION CONSTRUCTION		BY MACH IV		DATE 06-2018	
PROJECT # 19-11		DESIGNED SRL		5-2019	
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		REMARKS			

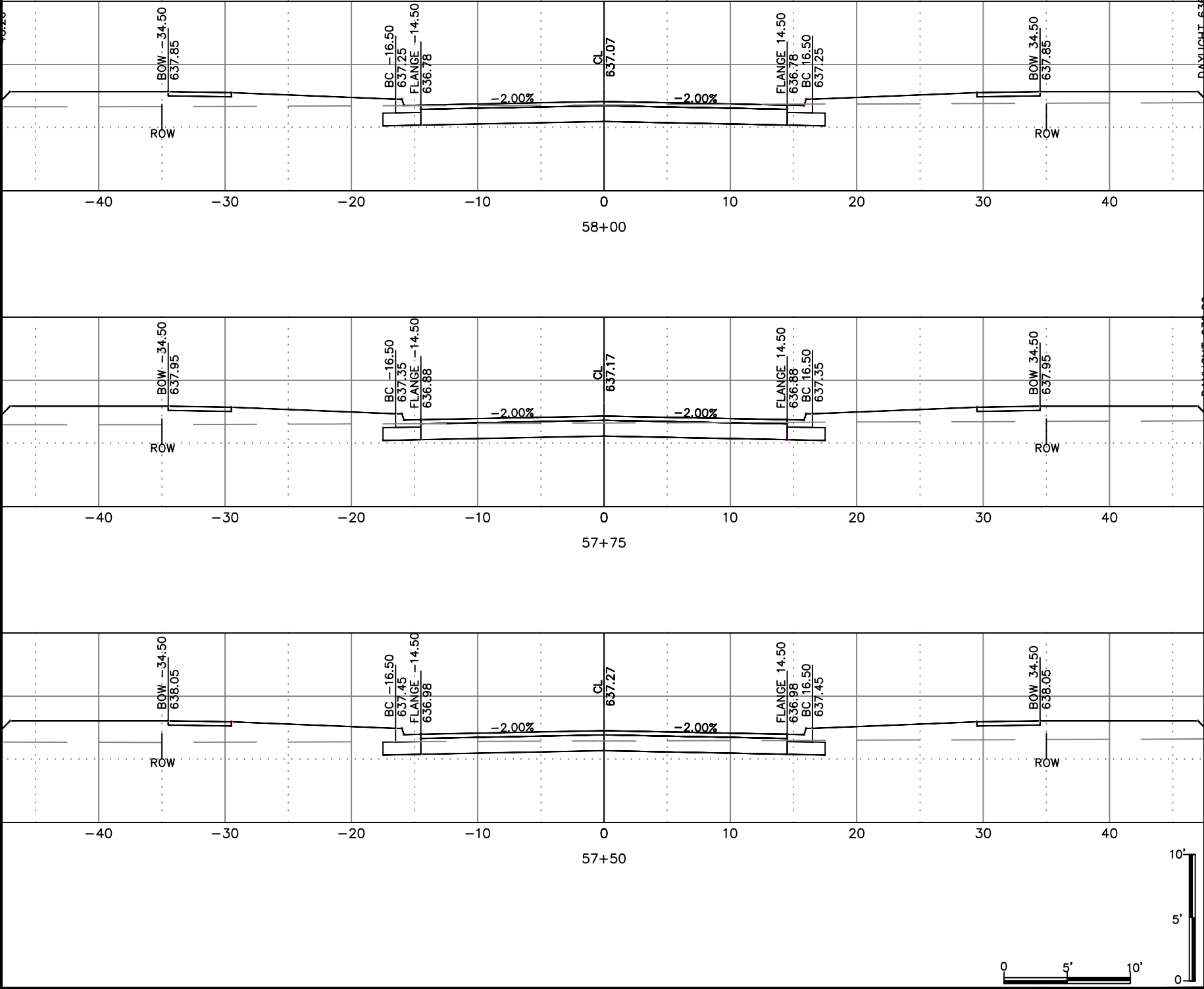




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GARROMAN DRIVE
CROSS SECTIONS

NAME: GARRITY'S GLEN SOUTH SUBDIVISION CONSTRUCTION		BY		DATE	REVISIONS / ISSUES	REMARKS
PROJECT # 19-11		MACH IV		06-2018		
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NO.		DATE		BY		





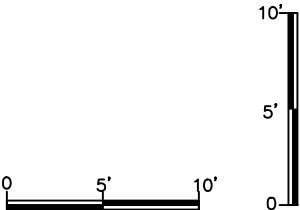
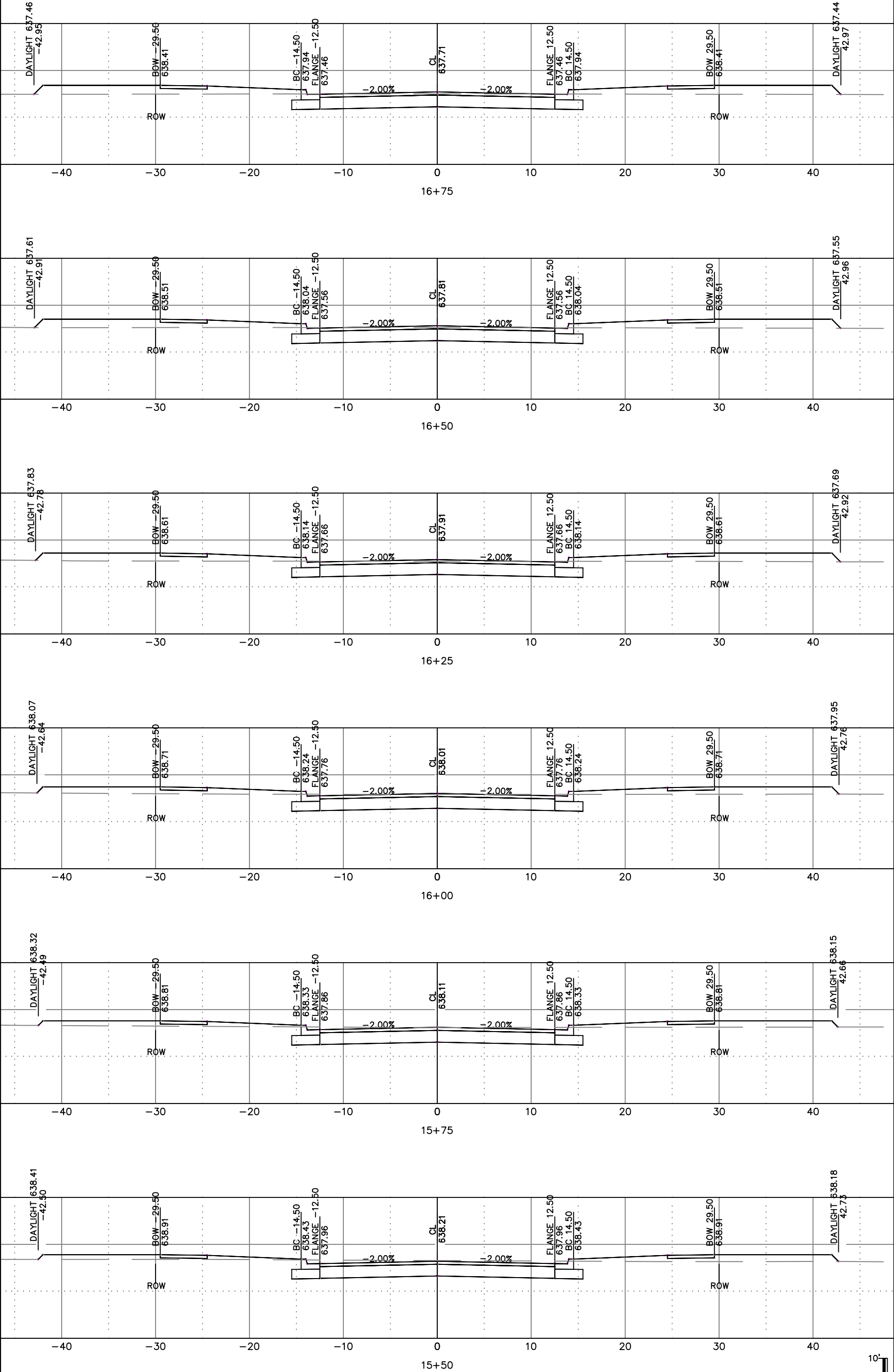
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CITY OF DE PERE

BALLYVAUGHAN ROAD

CROSS SECTIONS

NAME: GARRITY'S GLEN SOUTH SUBDIVISION CONSTRUCTION		BY		DATE		NO.		DATE		BY		REMARKS	
PROJECT # 19-11		SURVEYED		MACHIV		08-2018							
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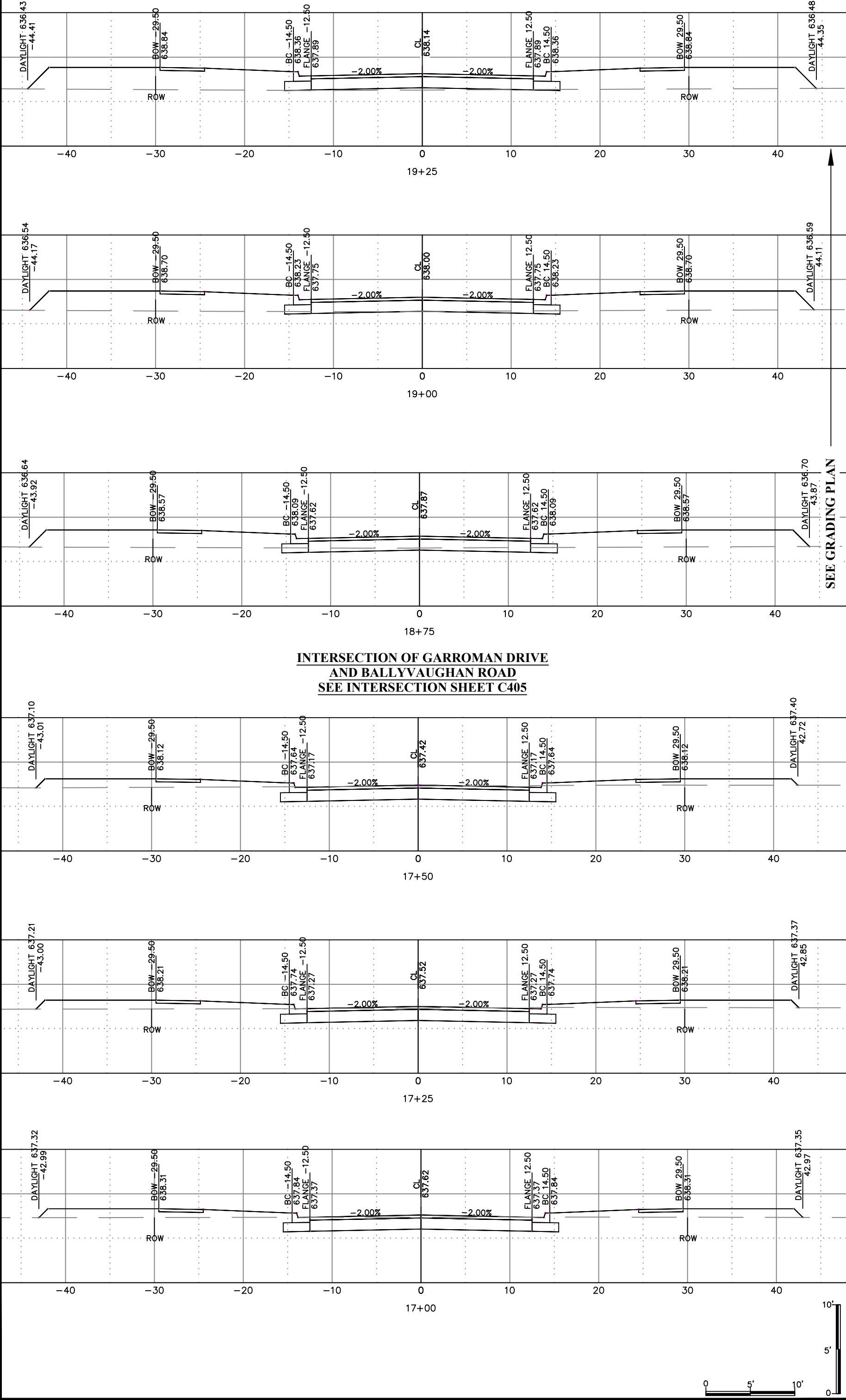




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BALLYVAUGHAN ROAD
CROSS SECTIONS

NAME: GARRITY'S GLEN SOUTH SUBDIVISION CONSTRUCTION		BY		DATE		NO.		DATE		BY		REVISIONS / ISSUES		PAGE NO.	
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	DESIGNED														
	CHECKED														

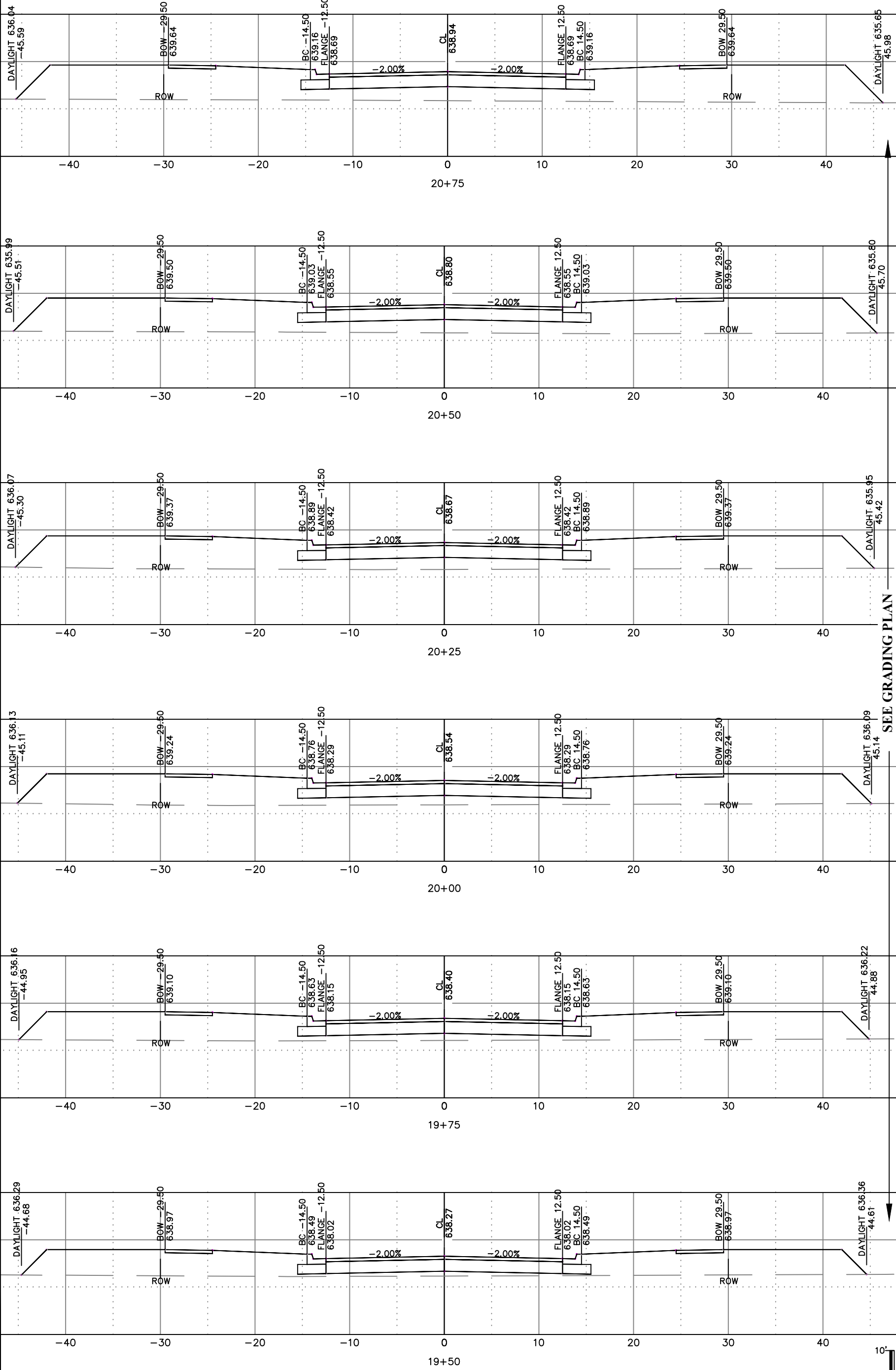




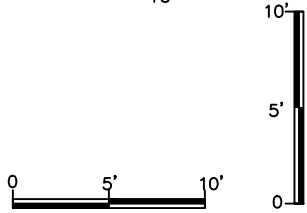
ENGINEERING DIVISION 925 S. SIXTH ST DE PERE WI 54115
OFFICE 920-339-4061 FAX 920-339-4071

BALLYVAUGHAN ROAD
CROSS SECTIONS

NAME: GARRITY'S GLEN SOUTH SUBDIVISION CONSTRUCTION		BY: MASHV		DATE: 08-2018	
PROJECT # 19-11		DESIGNED: EPR		DATE: 5-2019	
CHECKED:		NO.:		DATE:	
		BY:		REVISIONS / ISSUES:	
		REMARKS:			



SEE GRADING PLAN

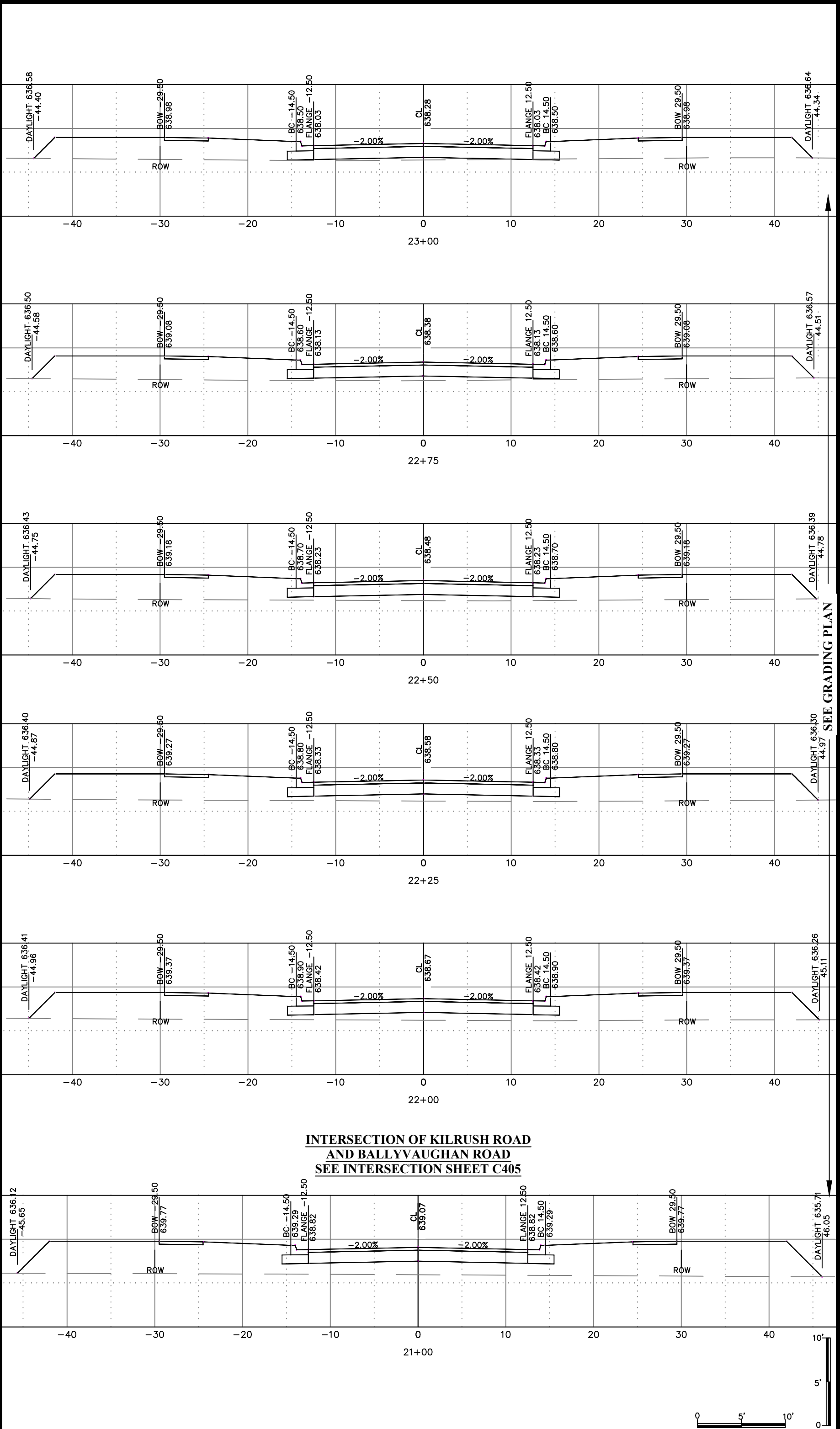




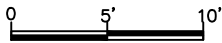
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BALLYVAUGHAN ROAD
CROSS SECTIONS

NAME: GARRITY'S GLEN SOUTH SUBDIVISION CONSTRUCTION		BY		DATE		REVISIONS / ISSUES		PAGE NO.	
		MACHIV		08-2018					
PROJECT # 19-11	DRAWN	SRL		5-2019					
	DESIGNED	SRL		5-2019					
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INTERSECTION OF KILRUSH ROAD
AND BALLYVAUGHAN ROAD
SEE INTERSECTION SHEET C405



SEE GRADING PLAN

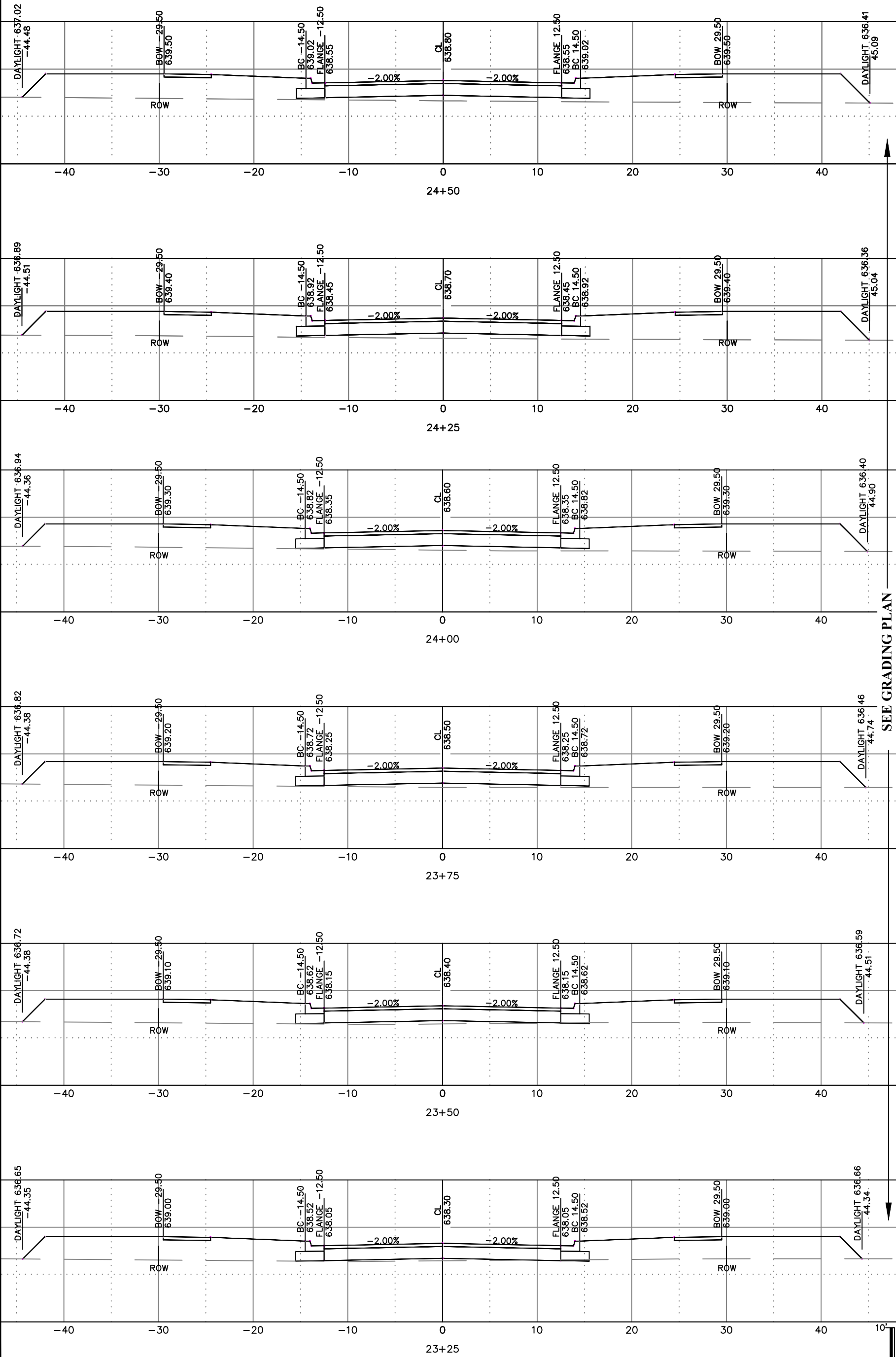


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BALLYVAUGHAN ROAD
CROSS SECTIONS

NAME: GARRITY'S GLEN SOUTH
SUBDIVISION CONSTRUCTION
PROJECT # 19-11

BY		DATE	REVISIONS / ISSUES	
SURVEYED	BY	08-2018	NO.	DATE
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DESIGNED	SRL	5-2019		
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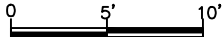
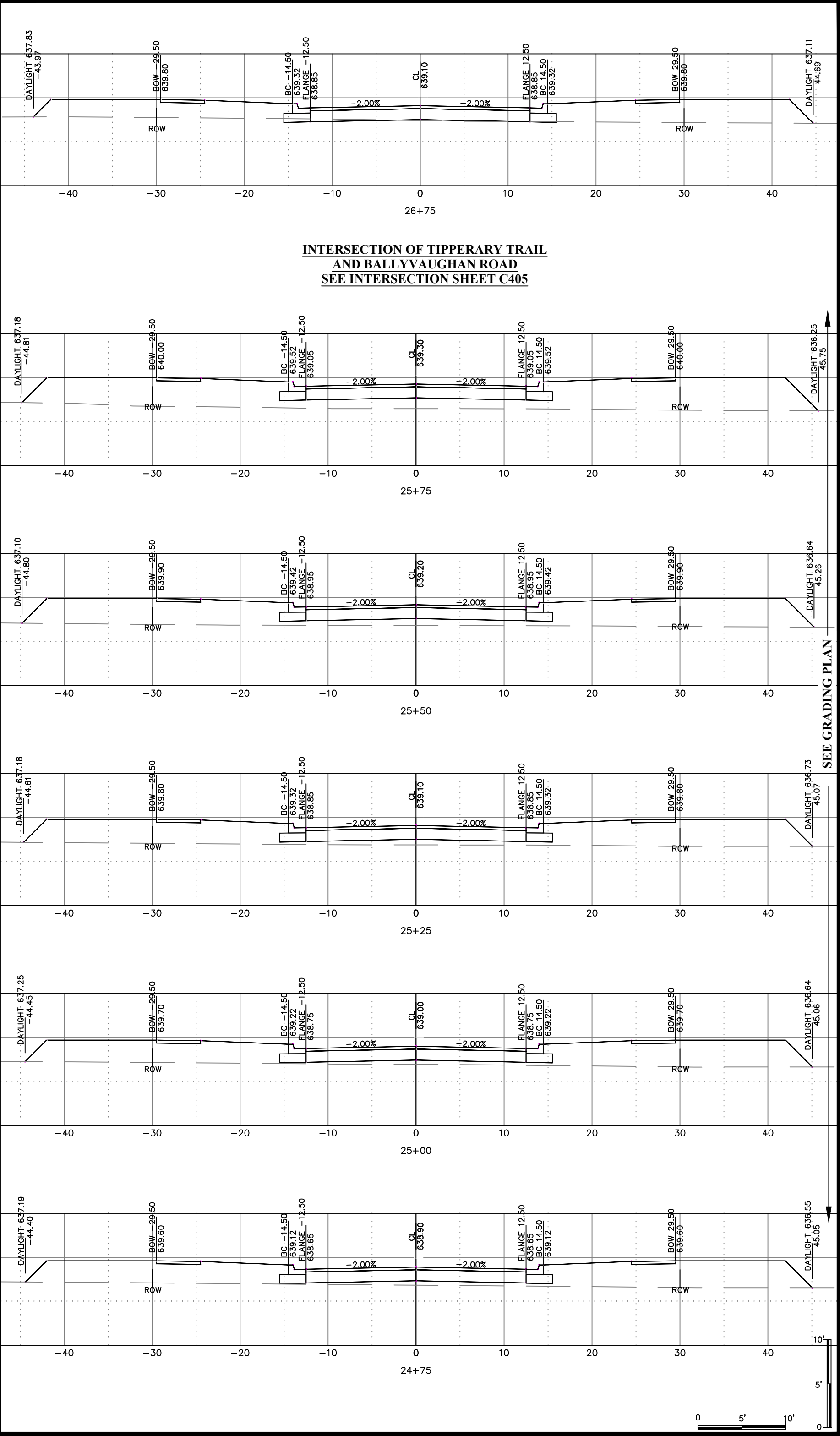




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BALLYVAUGHAN ROAD
CROSS SECTIONS

NAME: GARRITY'S GLEN SOUTH	
SUBDIVISION CONSTRUCTION	
PROJECT #	19-11
DRAWN	BY
DESIGNED	DATE
CHECKED	NO.
	DATE
	BY
	REVISIONS / ISSUES
	REMARKS

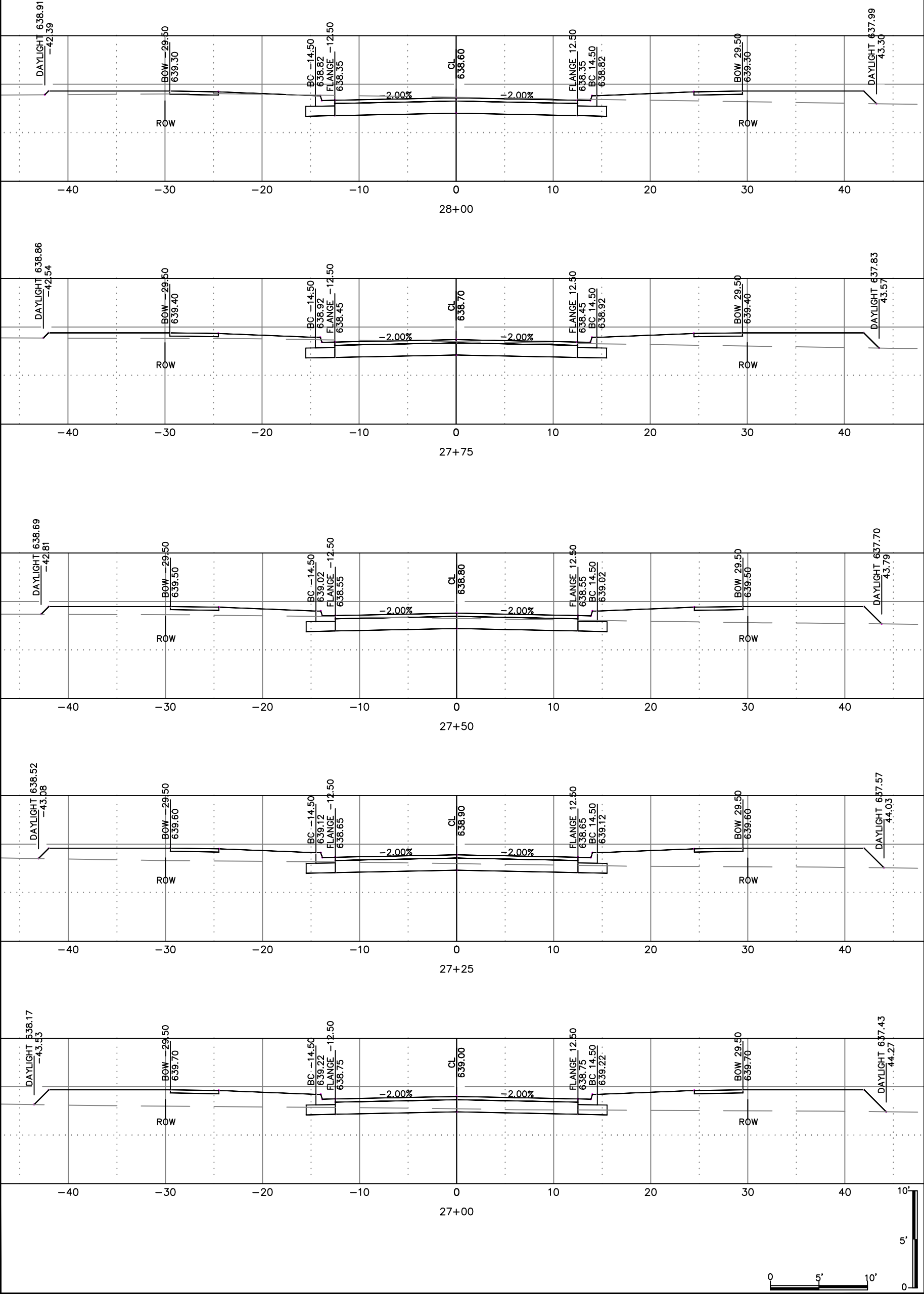




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BALLYVAUGHAN ROAD
CROSS SECTIONS

NAME: GARRITY'S GLEN SOUTH SUBDIVISION CONSTRUCTION		PROJECT # 19-11	
SURVEYED	BY	DATE	NO.
DRAWN	MACHIV	08-2018	DATE
DESIGNED	SRL	5-2019	BY
CHECKED	EPR	5-2019	REVISIONS / ISSUES
		REMARKS	





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BALLYVAUGHAN ROAD

CROSS SECTIONS

NAME: CARBITY'S GLEN SOUTH

SUBDIVISION CONSTRUCTION

PROJECT #

19-11

	BY	DATE

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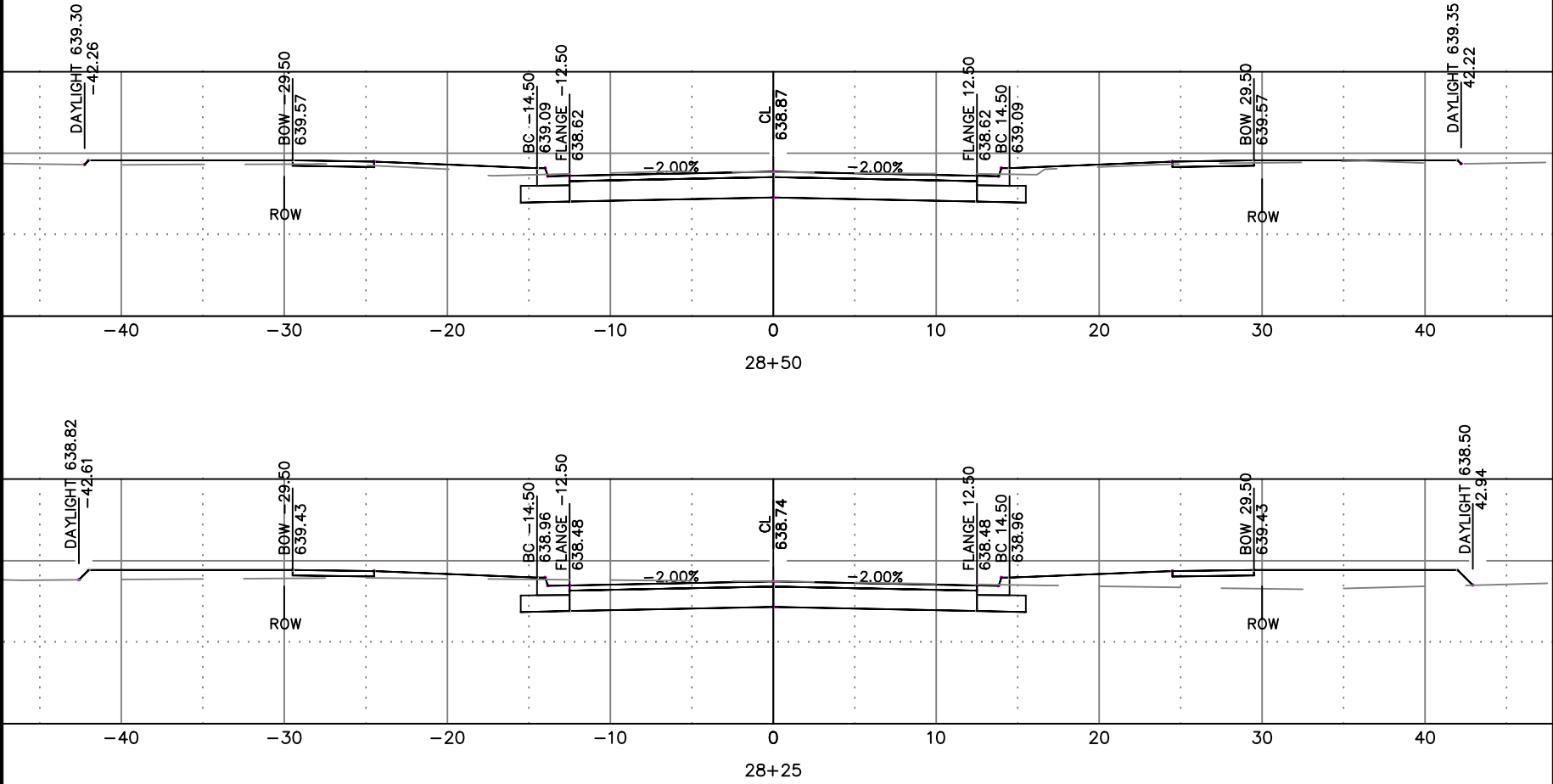
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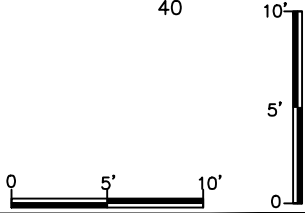
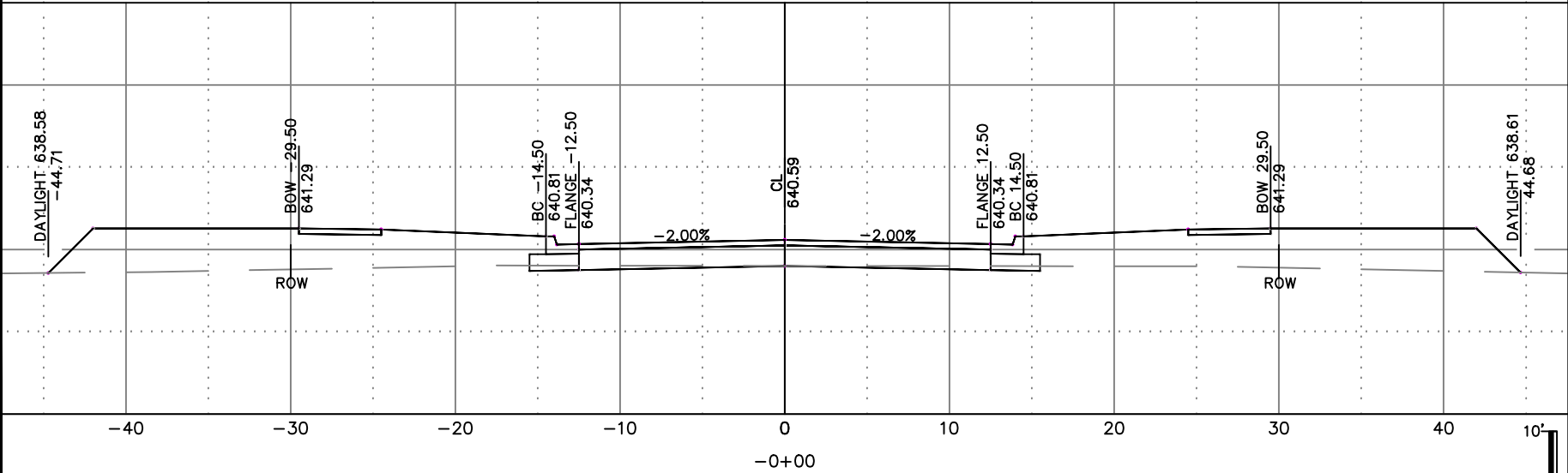
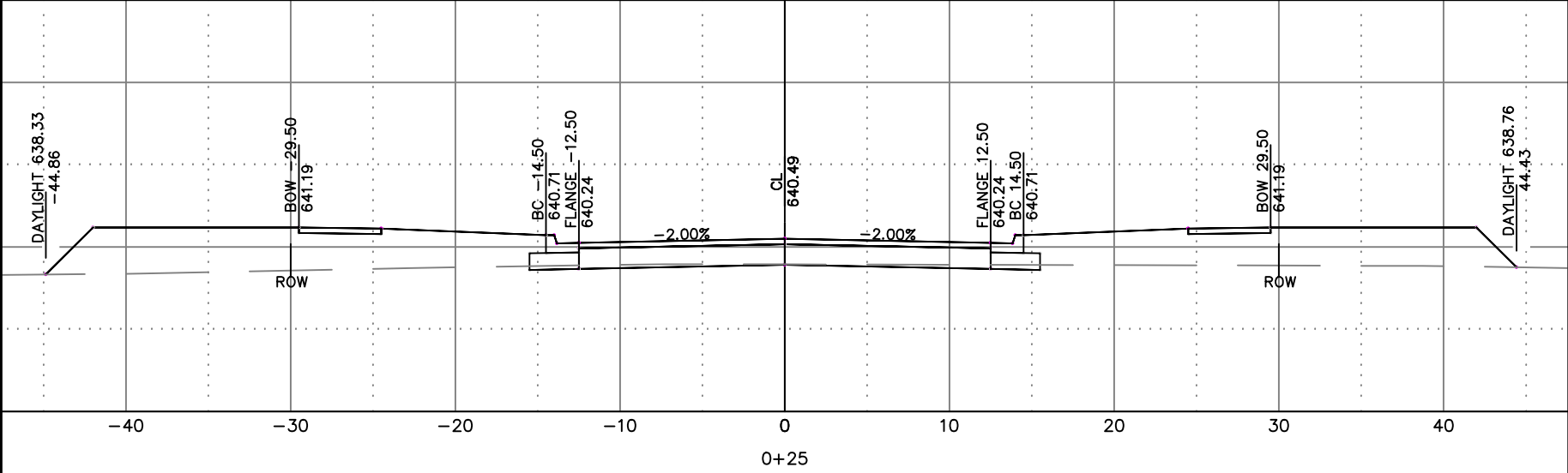
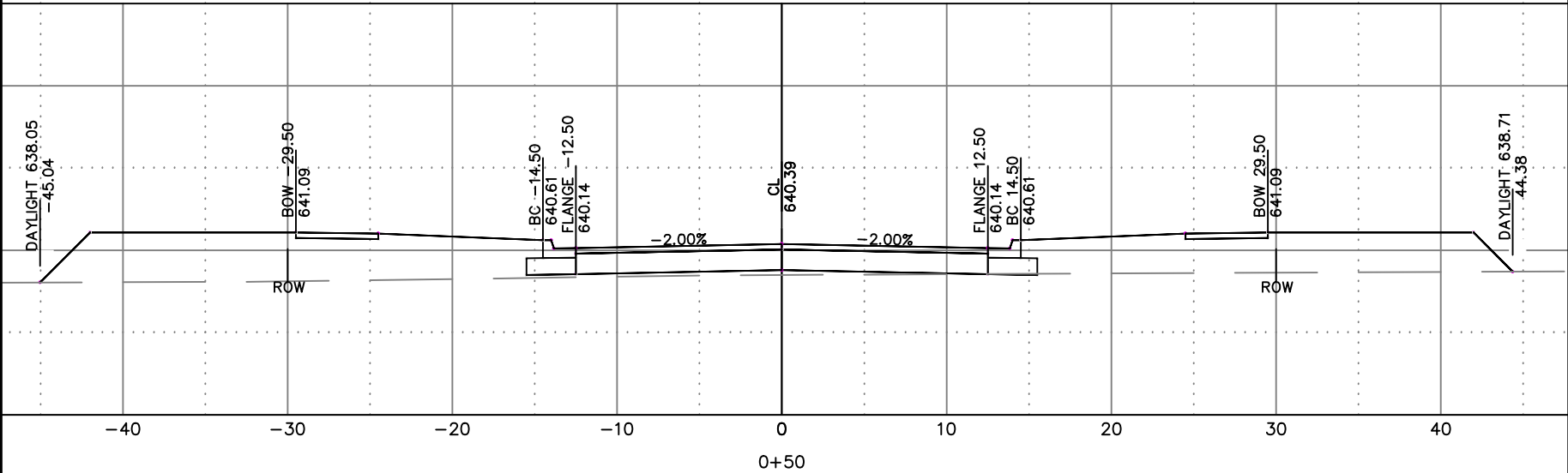
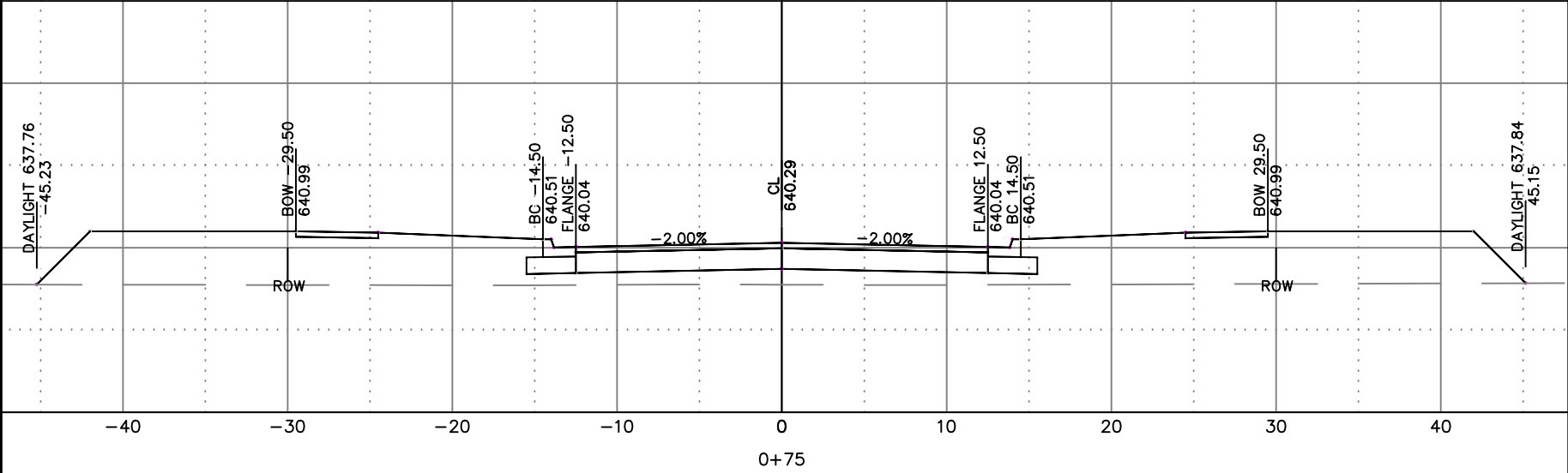


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KILRUSH ROAD
CROSS SECTIONS

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PROJECT #	SUBDIVISION CONSTRUCTION
19-11	
SURVEYED	BY
DRAWN	MAJORIV
DESIGNED	SRL
CHECKED	EPR
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	5-2019
	5-2019

NO.	DATE	BY	REVISIONS / ISSUES
			REMARKS





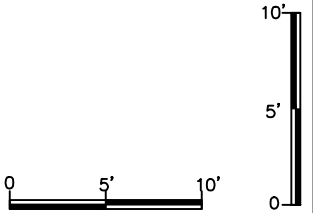
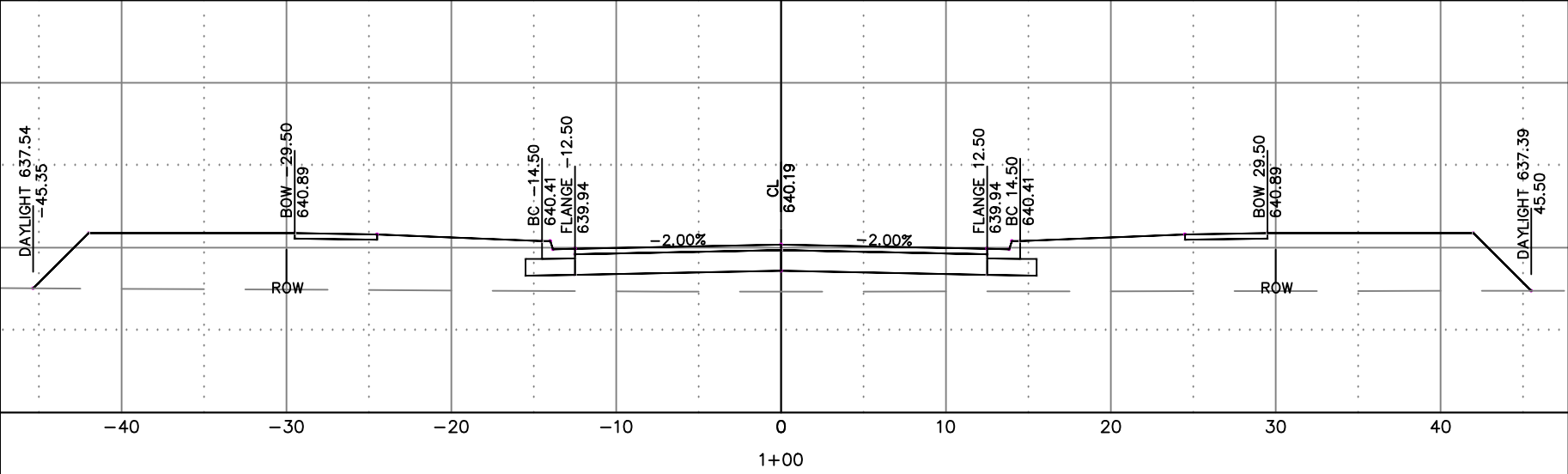
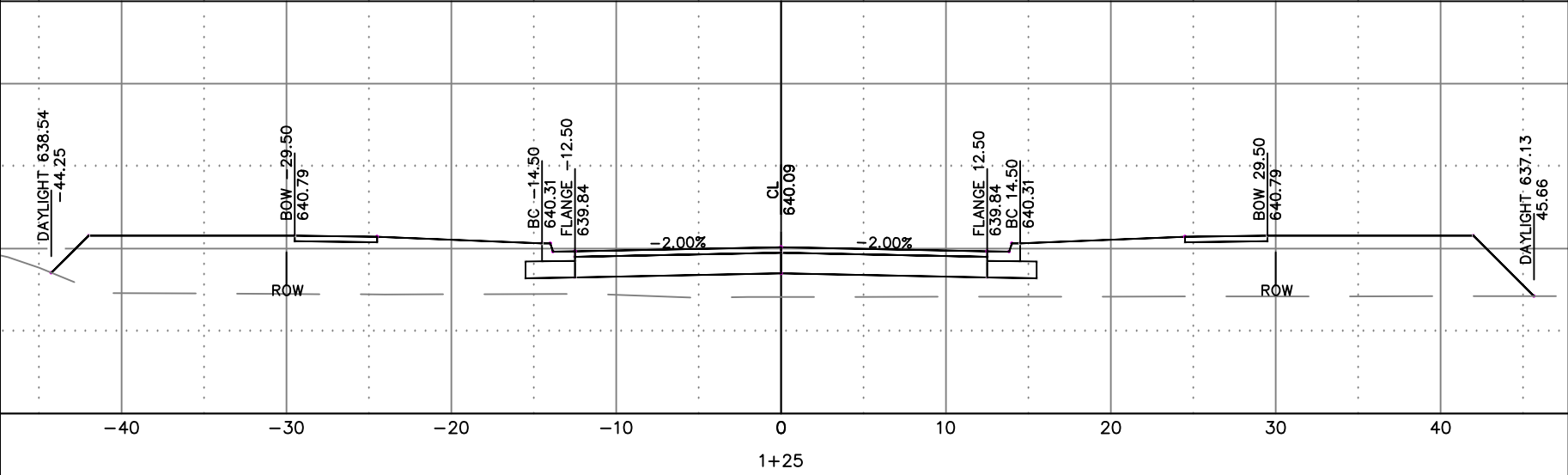
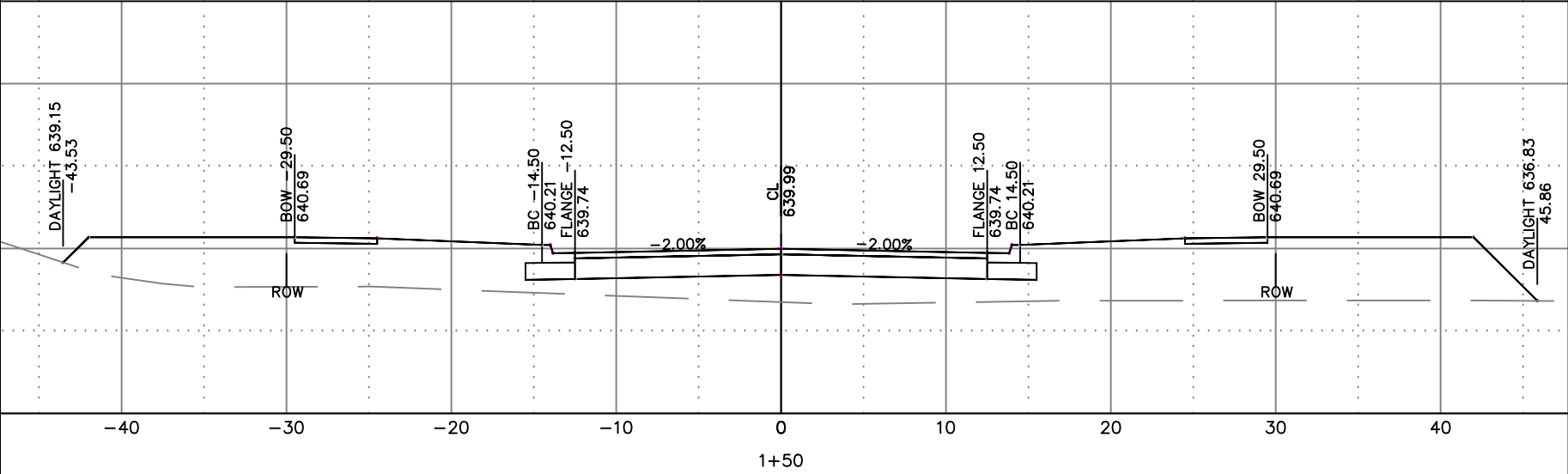
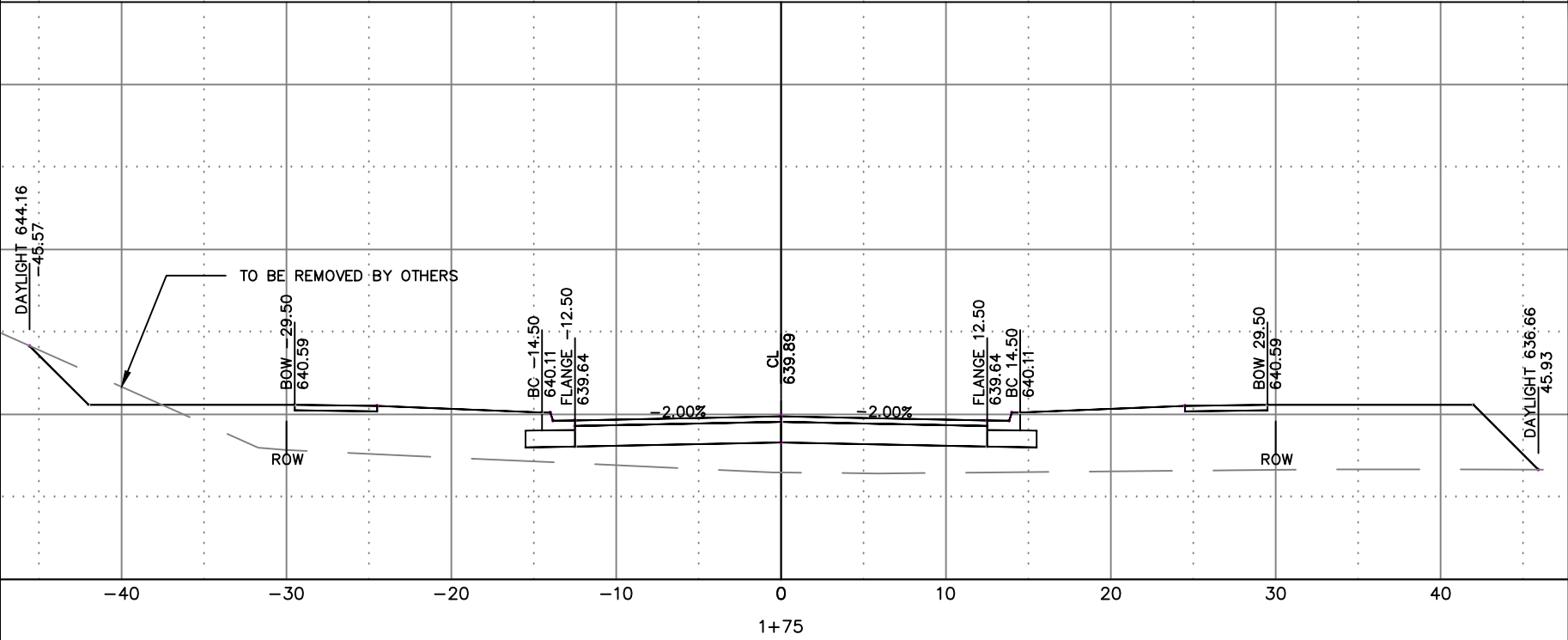
ENGINEERING DIVISION 925 S. SIXTH ST DE PERE WI 54115
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KILRUSH ROAD
CROSS SECTIONS

NAME: GARBITT'S GLEN SOUTH
SUBDIVISION CONSTRUCTION
PROJECT # 19-11

SURVEYED	BY	DATE
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CHECKED	EPR	5-2019

REVISIONS / ISSUES		REMARKS
NO.	DATE	





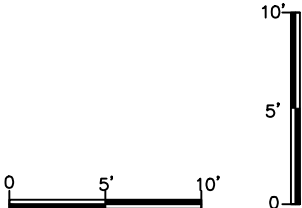
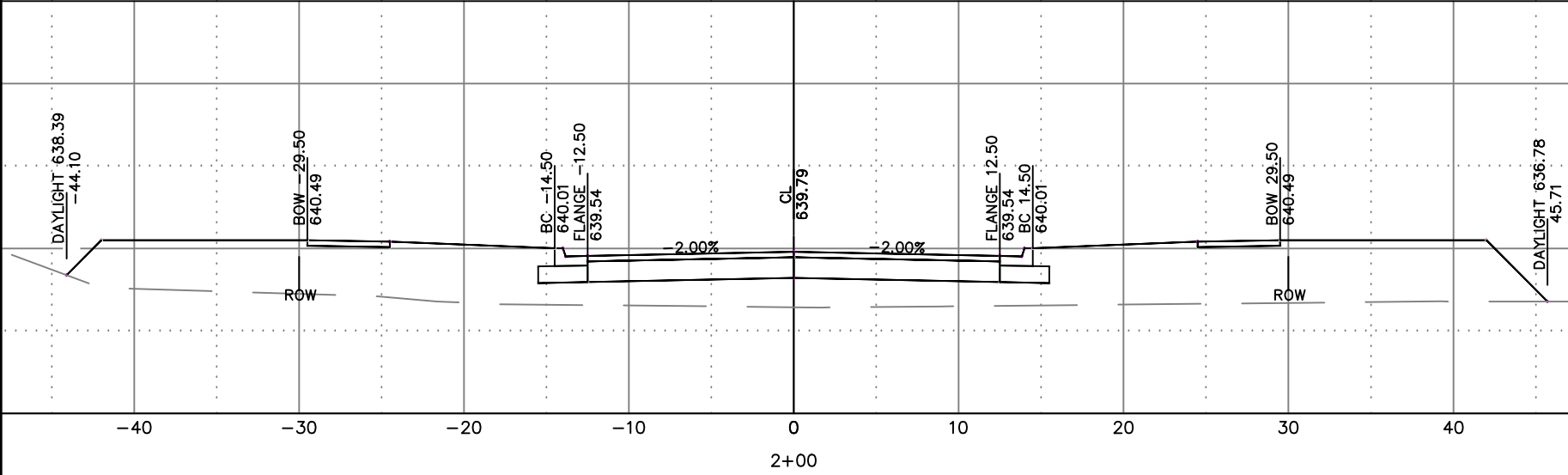
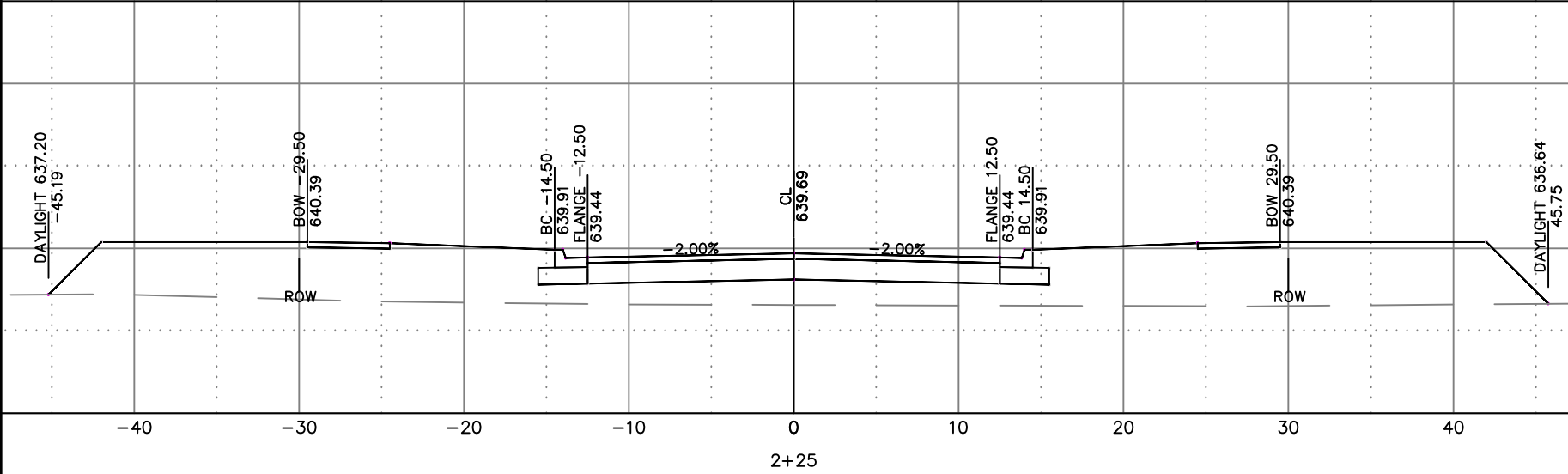
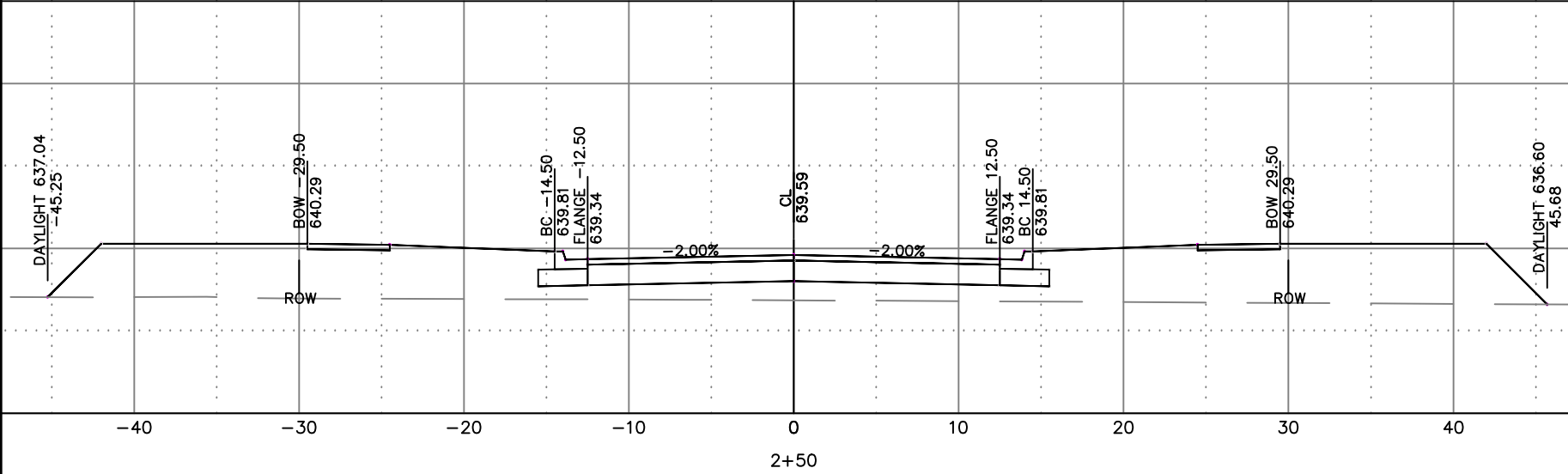
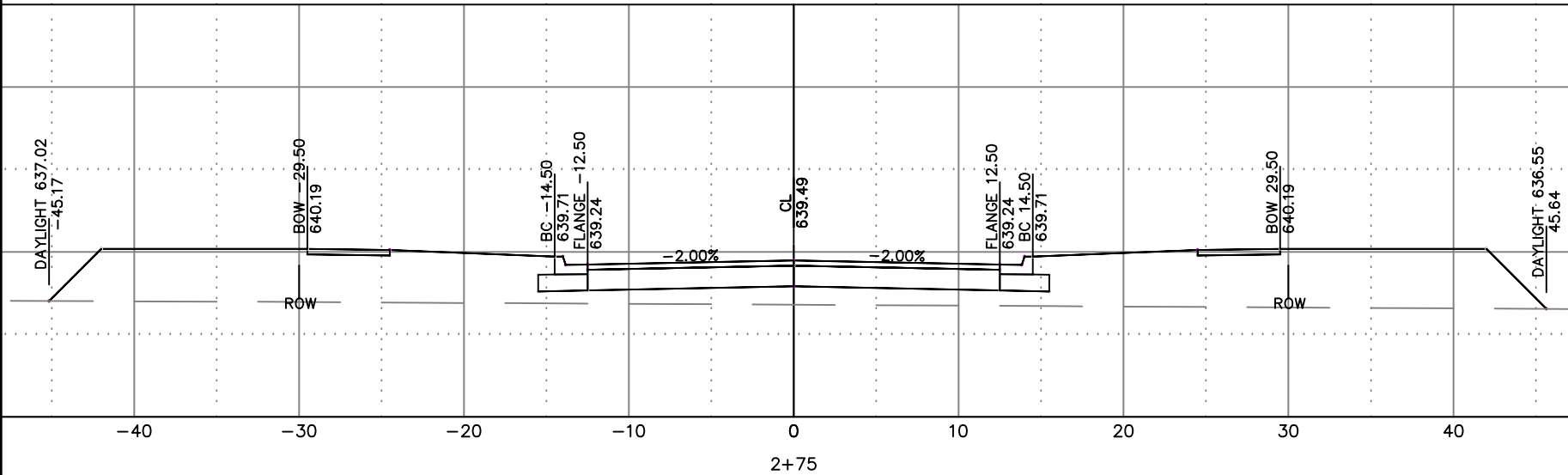
CITY OF DE PERE
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KILRUSH ROAD
CROSS SECTIONS

NAME: GARRITY'S GLEN SOUTH
SUBDIVISION CONSTRUCTION
PROJECT # 19-11

SURVEYED	BY	DATE
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REVISIONS / ISSUES		REMARKS
NO.	DATE	BY





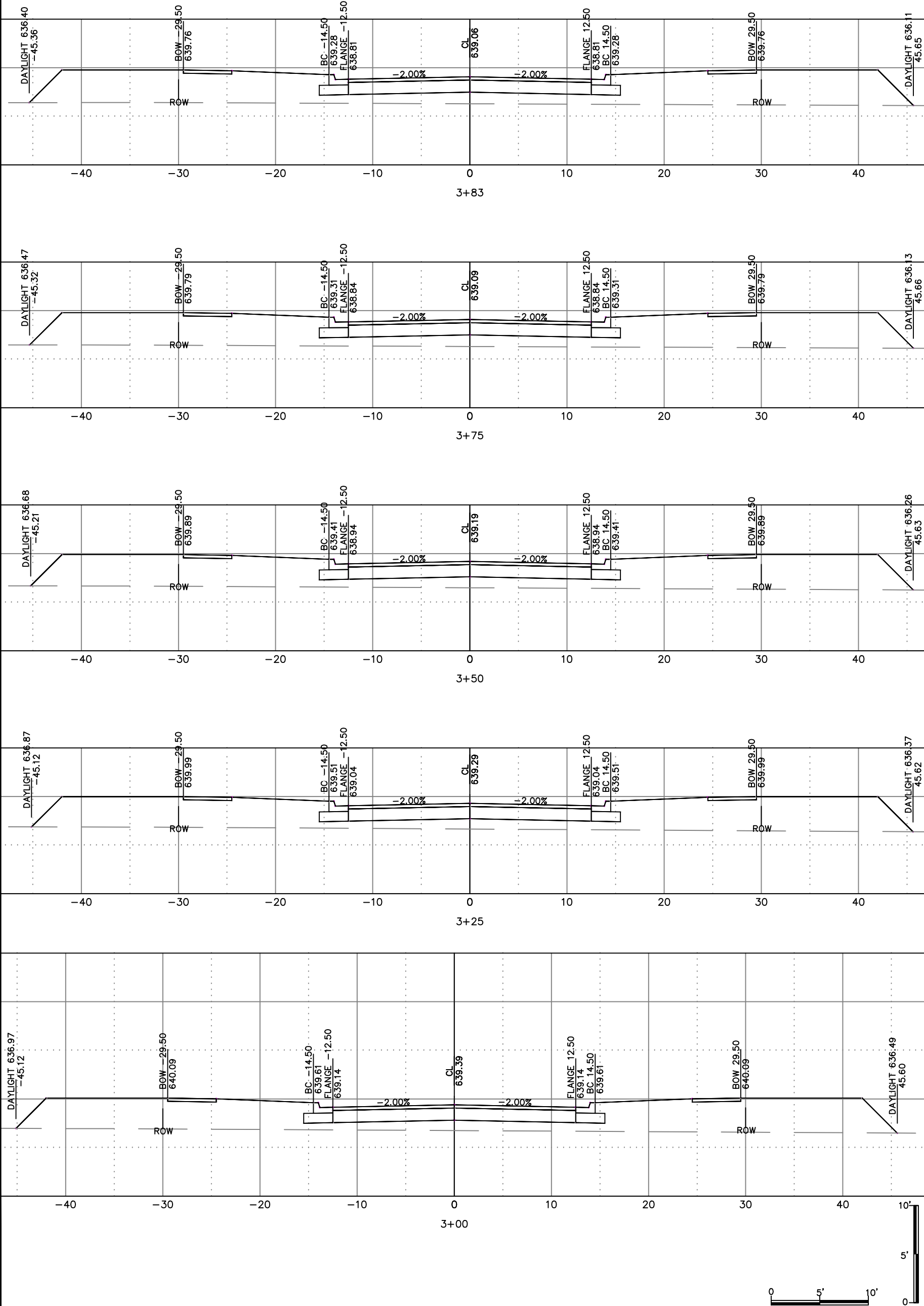
CITY OF DE PERE
ENGINEERING DIVISION 925 S. SIXTH ST DE PERE WI 54115
OFFICE 920-339-4061 FAX 920-339-4071

KILRUSH ROAD
CROSS SECTIONS

NAME: GARRITY'S GLEN SOUTH
SUBDIVISION CONSTRUCTION
PROJECT # 19-11

SURVEYED	BY	DATE
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CHECKED	EPH	5-2019

REVISIONS / ISSUES		REMARKS
NO.	DATE	BY





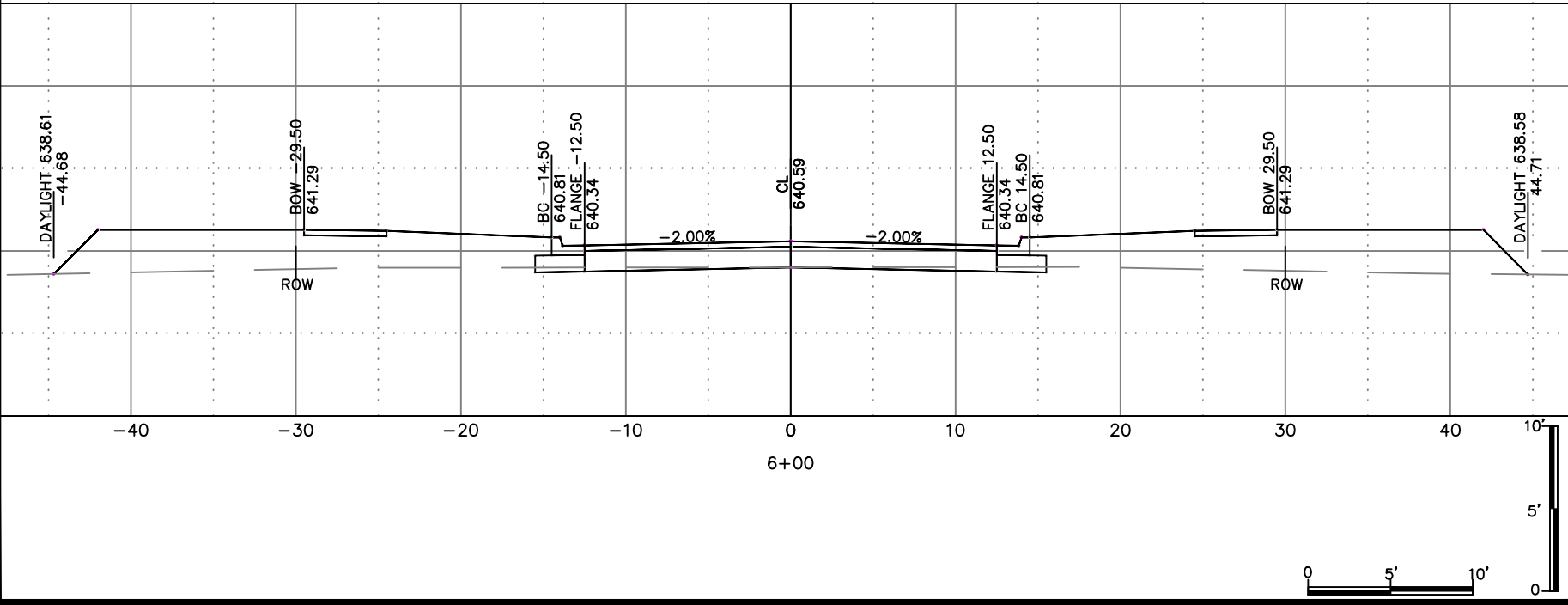
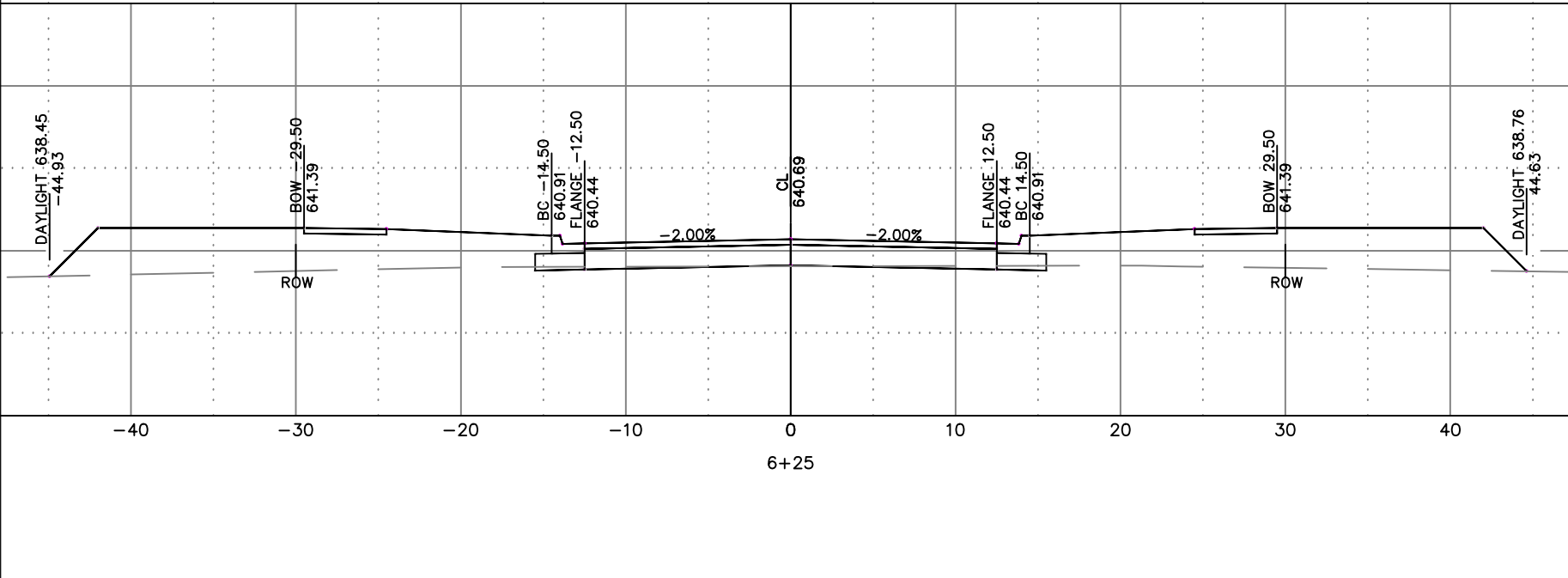
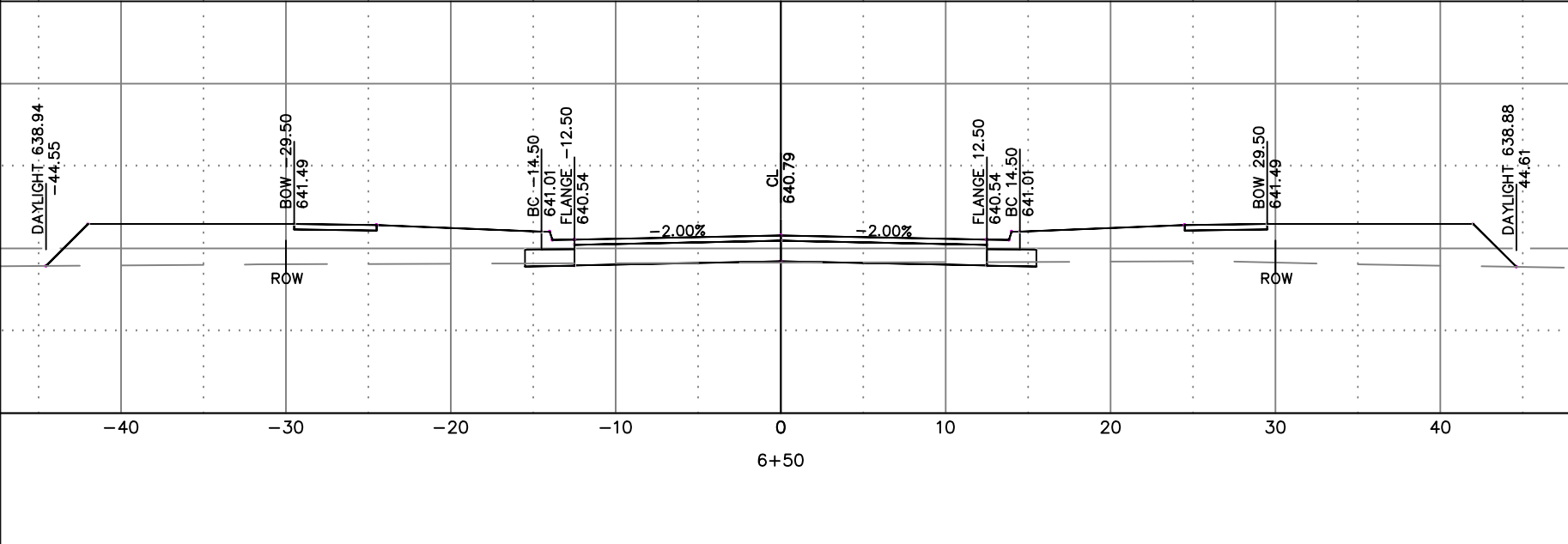
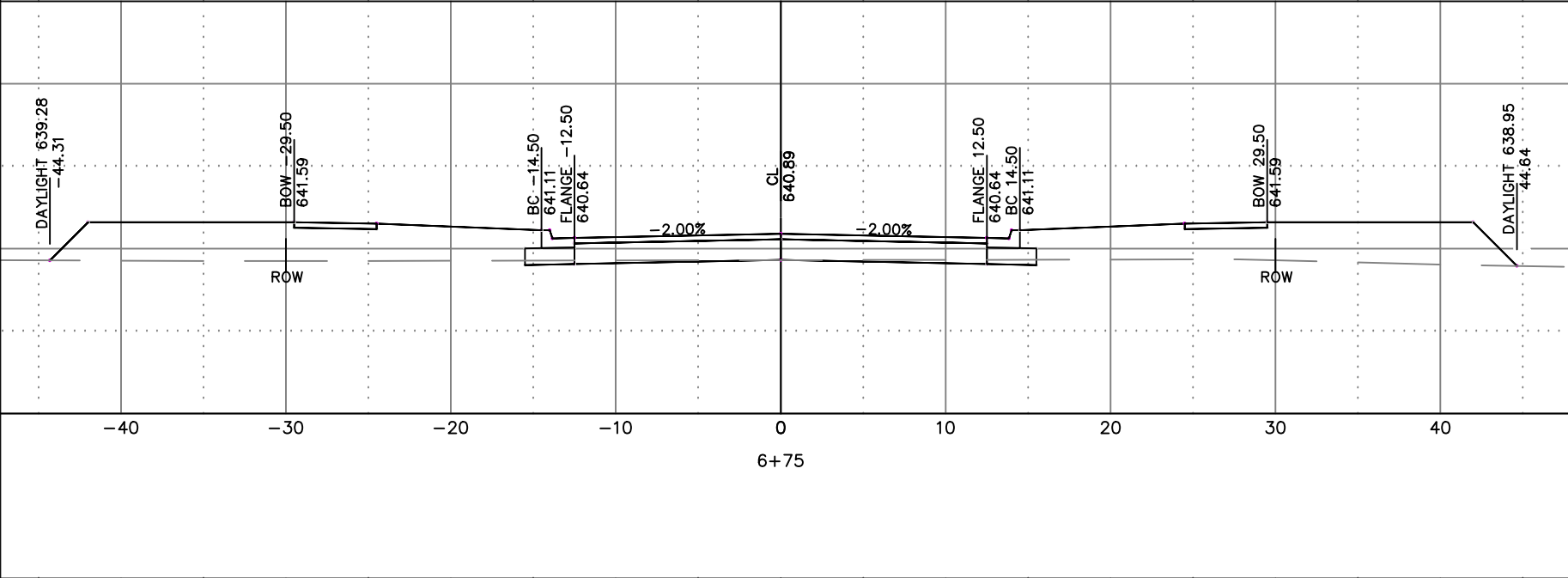
CITY OF DE PERE
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925 S. SIXTH ST DE PERE WI 54115
OFFICE 920-339-4061 FAX 920-339-4071

KILRUSH ROAD
CROSS SECTIONS

NAME: GARRITY'S GLEN SOUTH
SUBDIVISION CONSTRUCTION
PROJECT # 19-11

SURVEYED	BY	DATE
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REVISIONS / ISSUES			REMARKS
NO.	DATE	BY	



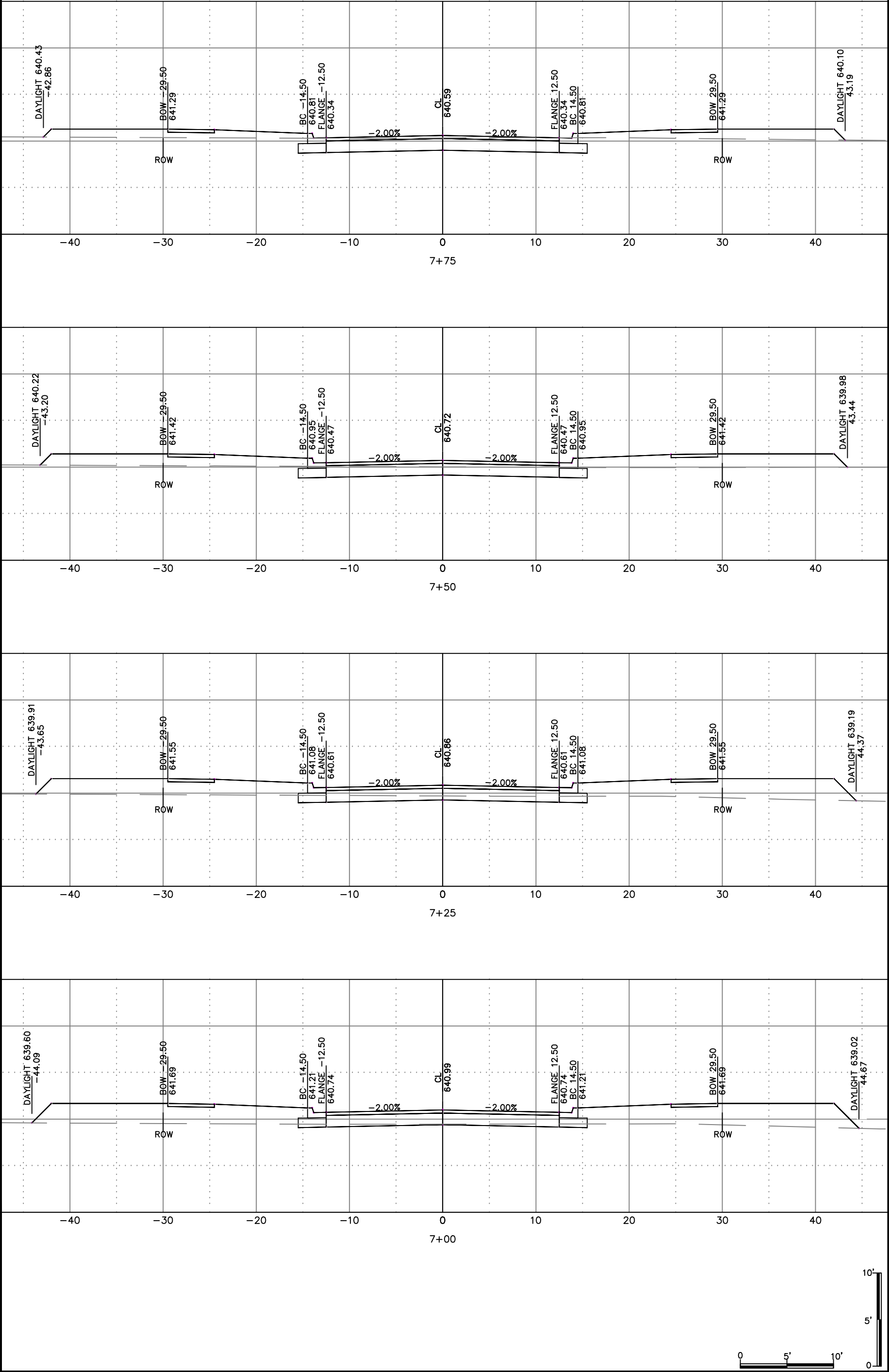


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KILRUSH ROAD
CROSS SECTIONS

NAME: GARRITY'S GLEN SOUTH
SUBDIVISION CONSTRUCTION
PROJECT # 19-11

DATE	BY	NO.	REVISIONS / ISSUES
08-2018	MACHIV		
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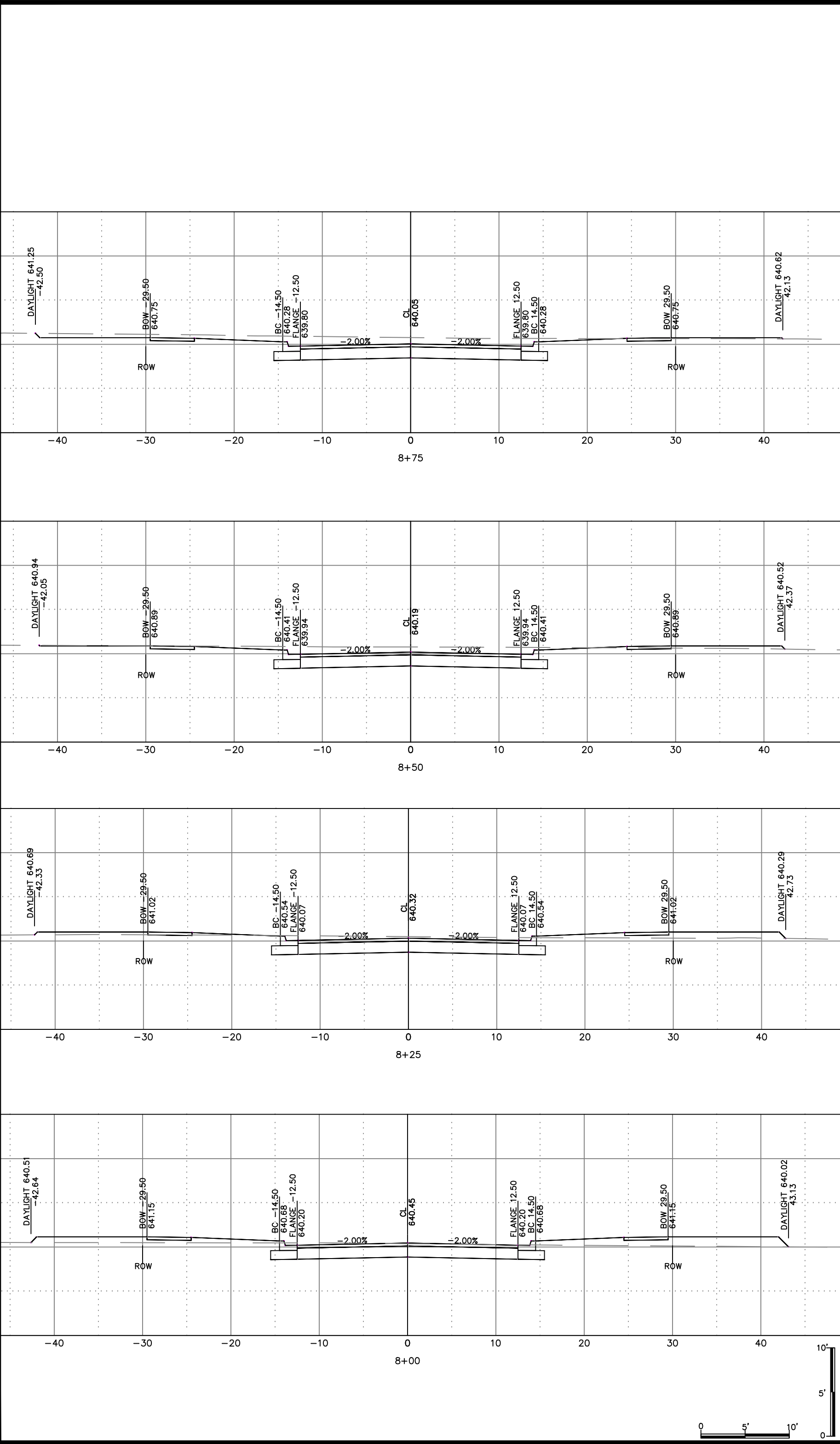
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ENGINEERING DIVISION
925 S. SIXTH ST DE PERE WI 54115
OFFICE 920-339-4061 FAX 920-339-4071

KILRUSH ROAD
CROSS SECTIONS

NAME: GARRITY'S GLEN SOUTH
SUBDIVISION CONSTRUCTION
PROJECT # 19-11

SURVEYED	BY
DRAWN	MACHIV
DESIGNED	SRL
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DATE	DATE
08-2018	5-2019
5-2019	5-2019

REVISIONS / ISSUES		REMARKS
NO.	DATE	





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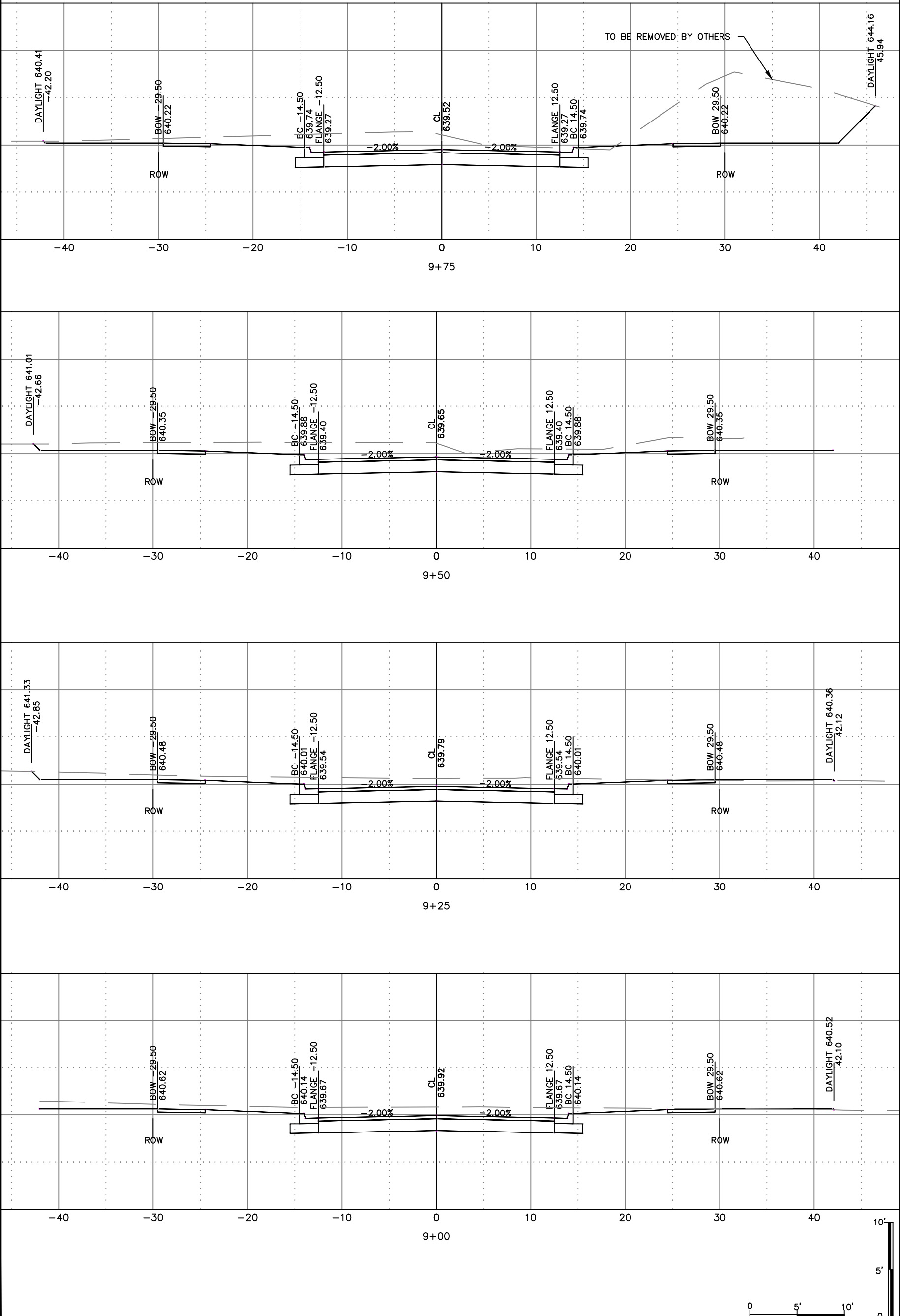
CITY OF DE PERE

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OFFICE 920-339-4061 FAX 920-339-4071

KILRUSH ROAD
CROSS SECTIONS

NAME:	GARRITY'S GLEN SOUTH SUBDIVISION CONSTRUCTION	REVISIONS / ISSUES				
		BY	DATE	NO.	DATE	REMARKS
PROJECT # 19-11	SURVEYED	MACHIV	09-2018			
	DRAWN	SRL	5-2019			
	DESIGNED	SRL	5-2019			
	CHECKED	EPR	5-2019			

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KILRUSH ROAD
CROSS SECTIONS

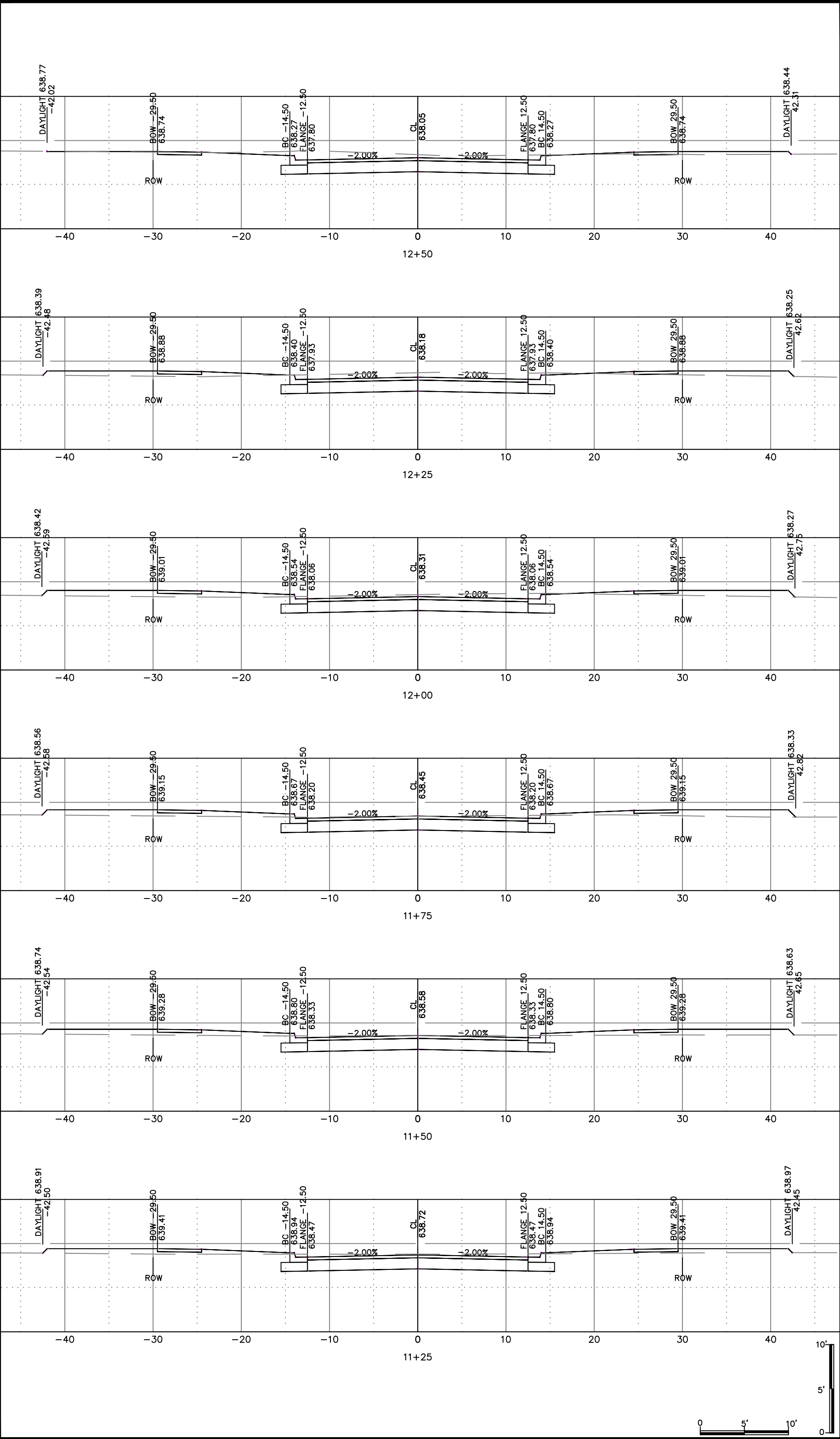
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19-11		DESIGNED		SRL					
		CHECKED		EPR					



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KILRUSH ROAD
CROSS SECTIONS

NAME: GARRITY'S GLEN SOUTH		BY		DATE		NO.		DATE		REVISIONS / ISSUES	
SUBDIVISION CONSTRUCTION		MAGUIE		08-2018							
PROJECT #	19-11	SURVEYED		DRAWN		DESIGNED		CHECKED		REMARKS	
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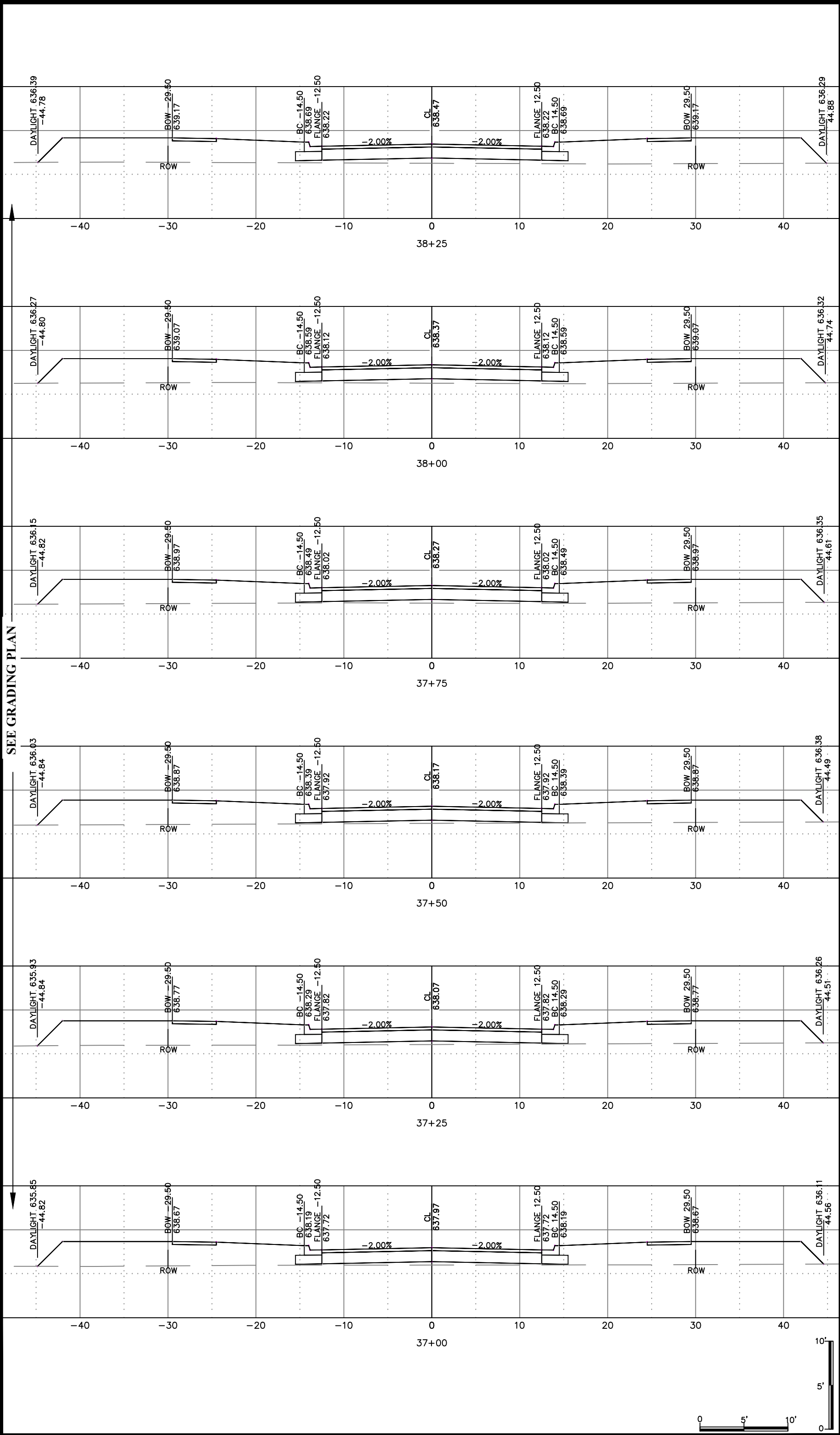




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TIPPERARY TRAIL
CROSS SECTIONS

NAME:	GARRITY'S GLEN SOUTH				REVISIONS / ISSUES			
	SUBDIVISION CONSTRUCTION							
PROJECT #	19-11		BY	DATE	NO.	DATE	BY	REMARKS
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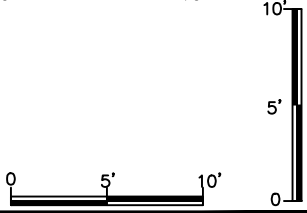
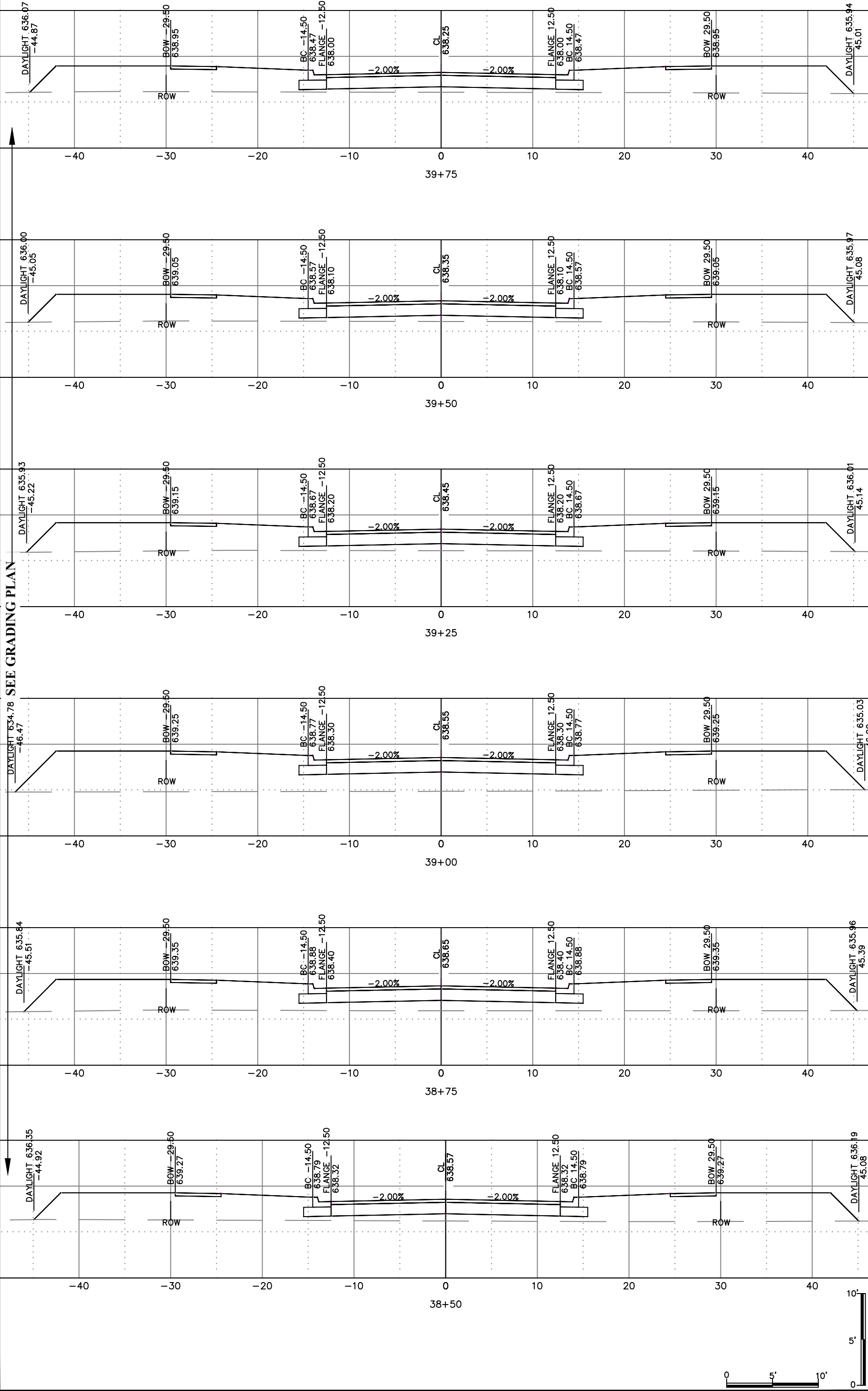
ENGINEERING DIVISION 925 S. SIXTH ST DE PERE WI 54115
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TIPPERARY TRAIL
CROSS SECTIONS

NAME: GARRITY'S GLEN SOUTH
SUBDIVISION CONSTRUCTION
PROJECT # 19-11

SURVEYED	BY	DATE
DRAWN	MAJOR	08-2018
DESIGNED	SRL	5-2019
CHECKED	EPH	5-2019

REVISIONS / ISSUES		REMARKS
NO.	DATE	BY





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

TIPPERARY TRAIL
CROSS SECTIONS

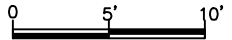
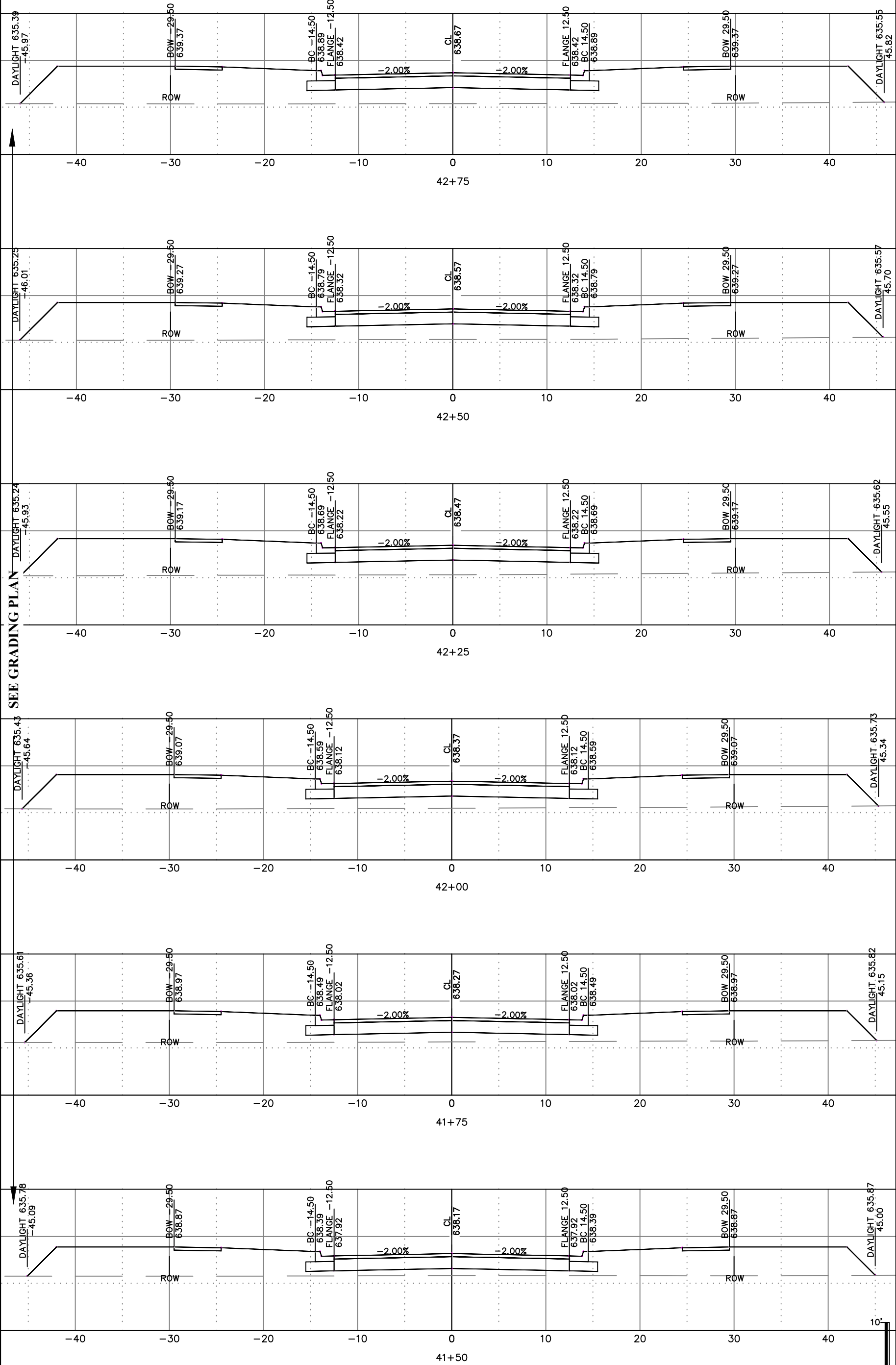
NAME: GARRITY'S GLEN SOUTH SUBDIVISION CONSTRUCTION				BY				DATE		NO.				DATE		BY		REVISIONS / ISSUES		REMARKS		PAGE NO.	
PROJECT # 19-11				SURVEYED		MACHIV		06-2018															
				DRAWN		SRL		5-2019															
				DESIGNED		SRL		5-2019															
				CHECKED		EPR		5-2019															
C329																							



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TIPPERARY TRAIL
CROSS SECTIONS

NAME: GARRITY'S GLEN SOUTH		BY		DATE		REVISIONS / ISSUES		PAGE NO.	
SUBDIVISION CONSTRUCTION		MACHIV		06-2018					
PROJECT #		DRAWN		5-2019					
19-11		SRL		5-2019					
		DESIGNED		5-2019					
		CHECKED		EPR		5-2019			
		NO.		DATE					
		BY							
		REMARKS							





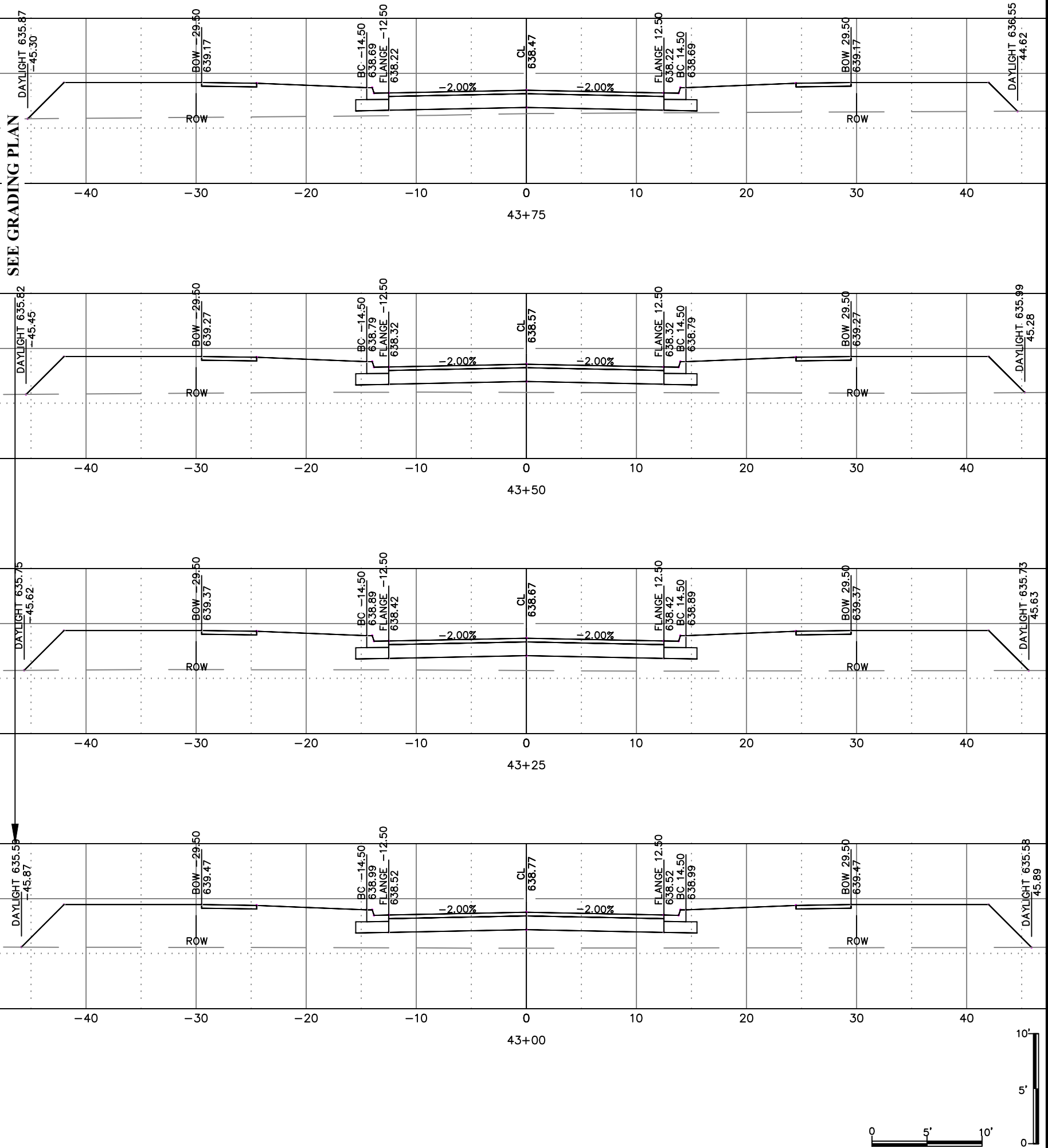
CITY OF DE PERE
ENGINEERING DIVISION
OFFICE 920-339-4061 FAX 920-339-4071

TIPPERARY TRAIL
CROSS SECTIONS

NAME: GARRITY'S GLEN SOUTH
SUBDIVISION CONSTRUCTION
PROJECT # 19-11

SURVEYED	BY	DATE
DRAWN	MAJORIV	08-2018
DESIGNED	SRL	5-2019
CHECKED	EPH	5-2019

REVISIONS / ISSUES		REMARKS
NO.	DATE	BY





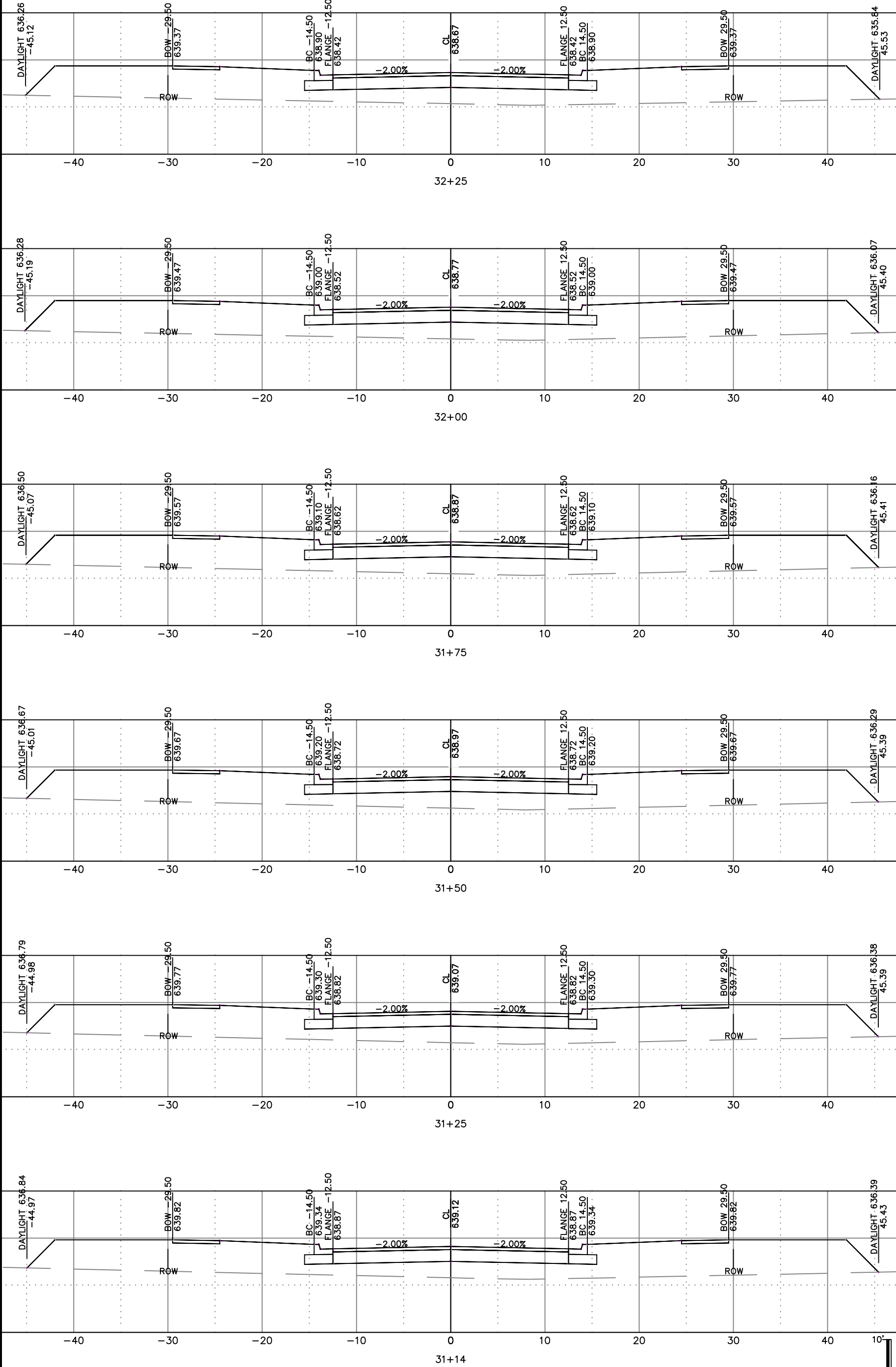
CITY OF DE PERE
ENGINEERING DIVISION 925 S. SIXTH ST DE PERE WI 54115
OFFICE 920-339-4061 FAX 920-339-4071

TIPPERARY TRAIL
CROSS SECTIONS

NAME: GARRITY'S GLEN SOUTH
SUBDIVISION CONSTRUCTION
PROJECT # 19-11

SURVEYED	BY	DATE
DRAWN	MACHIV	06-2018
DESIGNED	SRL	5-2019
CHECKED	EPR	5-2019

REVISIONS / ISSUES		
NO.	DATE	REMARKS





DE PERE

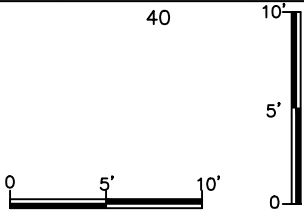
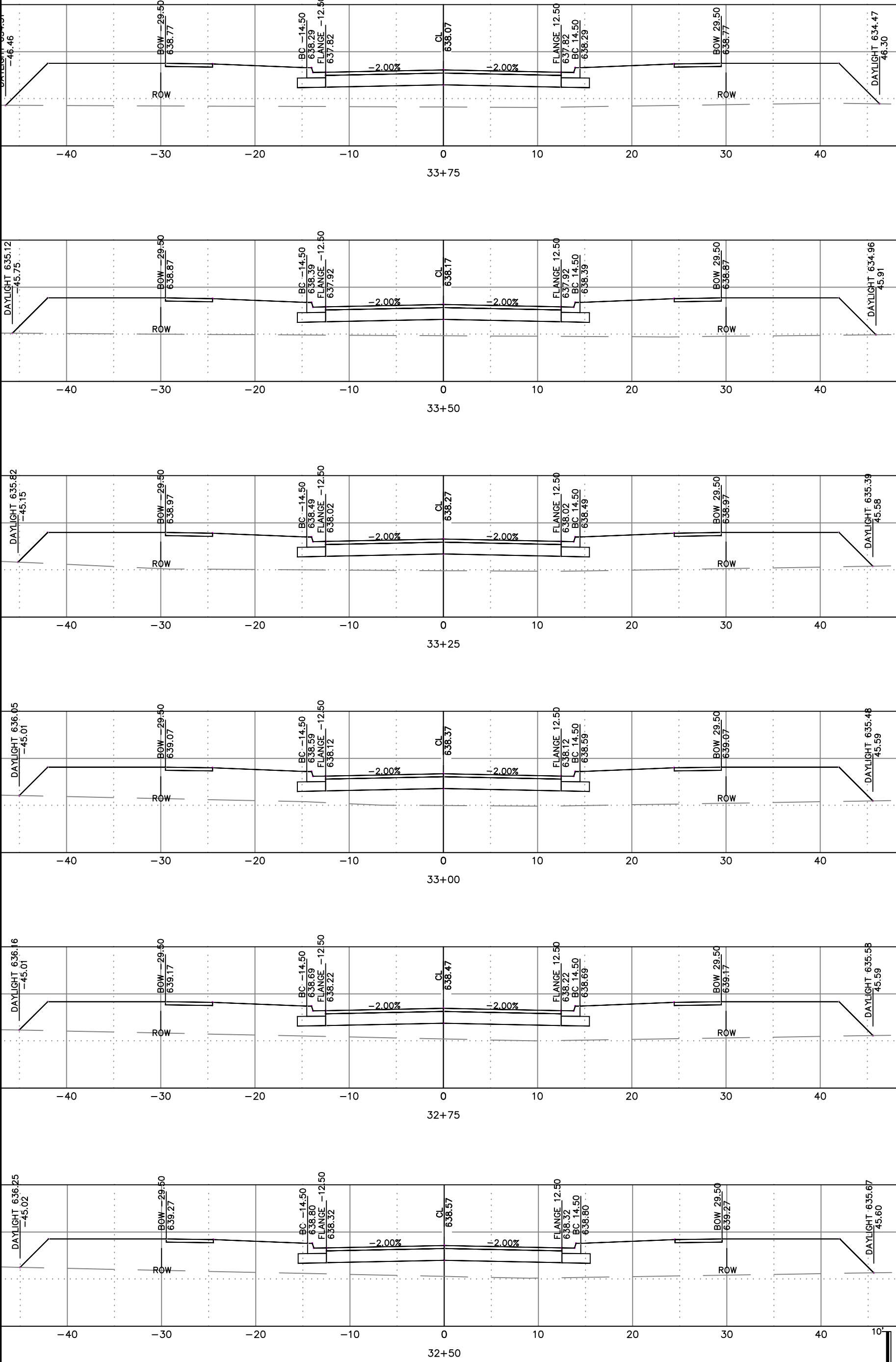
ENGINEERING DIVISION 925 S. SIXTH ST DE PERE WI 54115
OFFICE 920-339-4061 FAX 920-339-4071

CITY OF DE PERE

TIPPERARY TRAIL

CROSS SECTIONS

NAME: GARRITY'S GLEN SOUTH		BY		DATE		NO.		DATE		REVISIONS / ISSUES	
SUBDIVISION CONSTRUCTION		MACHIV		08-2018						REMARKS	
PROJECT #		DRAWN		SRL							
19-11		DESIGNED		SRL							
		CHECKED		EPR							



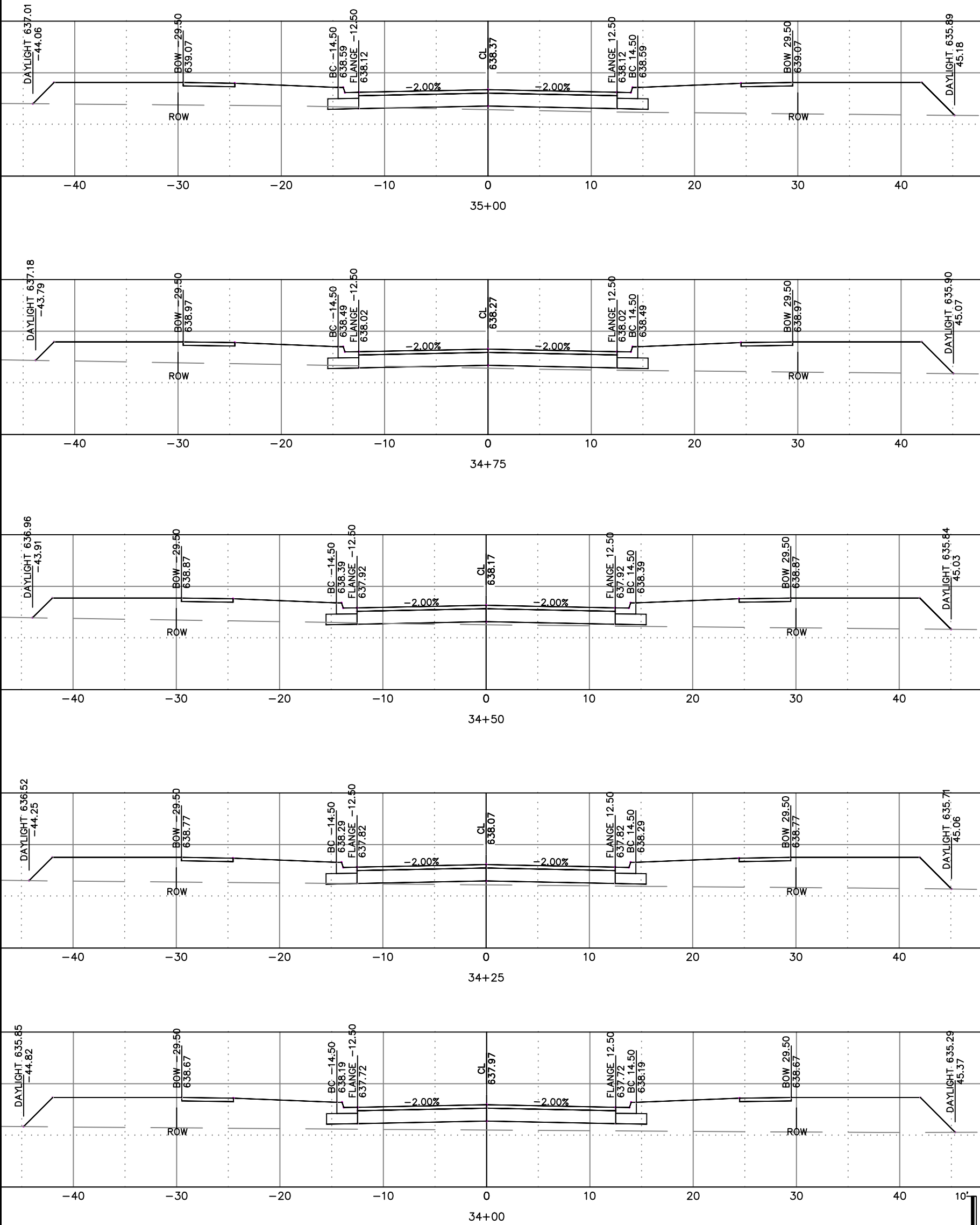


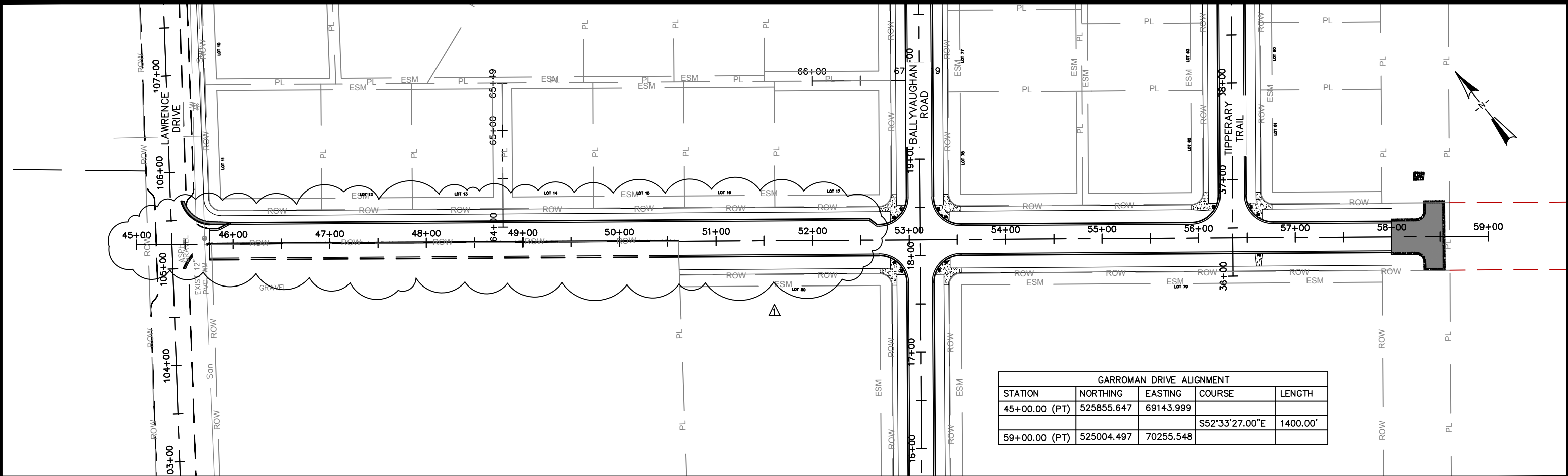
CITY OF DE PERE
ENGINEERING DIVISION 925 S. SIXTH ST DE PERE WI 54115
OFFICE 920-339-4061 FAX 920-339-4071

TIPPERARY TRAIL

CROSS SECTIONS

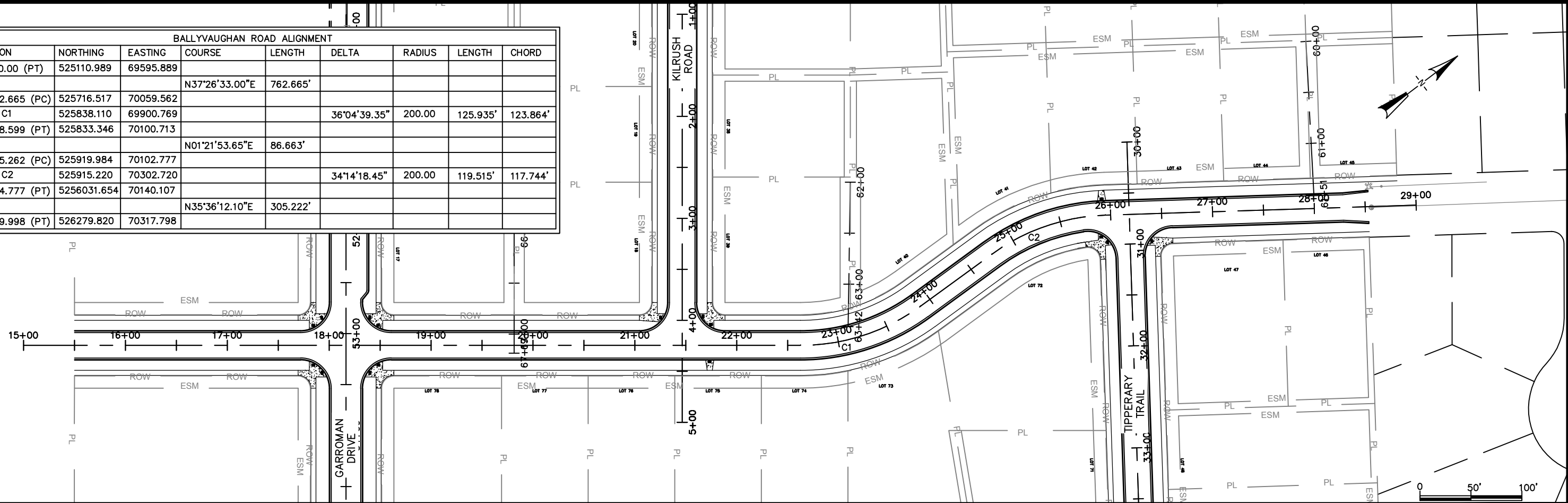
NAME: GARRY'S GLEN SOUTH SUBDIVISION CONSTRUCTION	PROJECT # 19-11	REVISIONS / ISSUES					
			BY	DATE	NO.	DATE	REMARKS
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		DRAWN	SRL	5-2019			
		DESIGNED	SRL	5-2019			
CHECKED	EPR	5-2019					

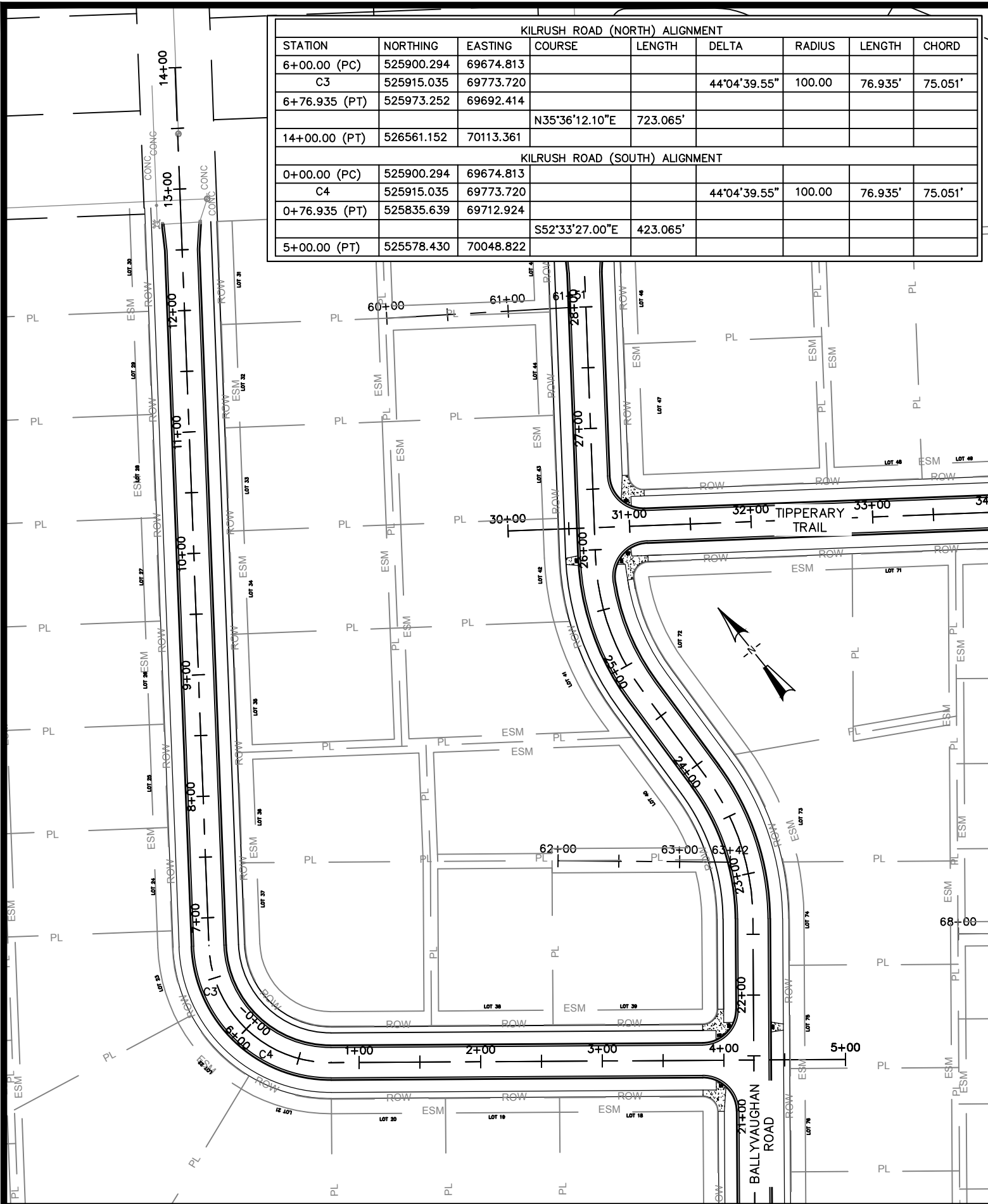




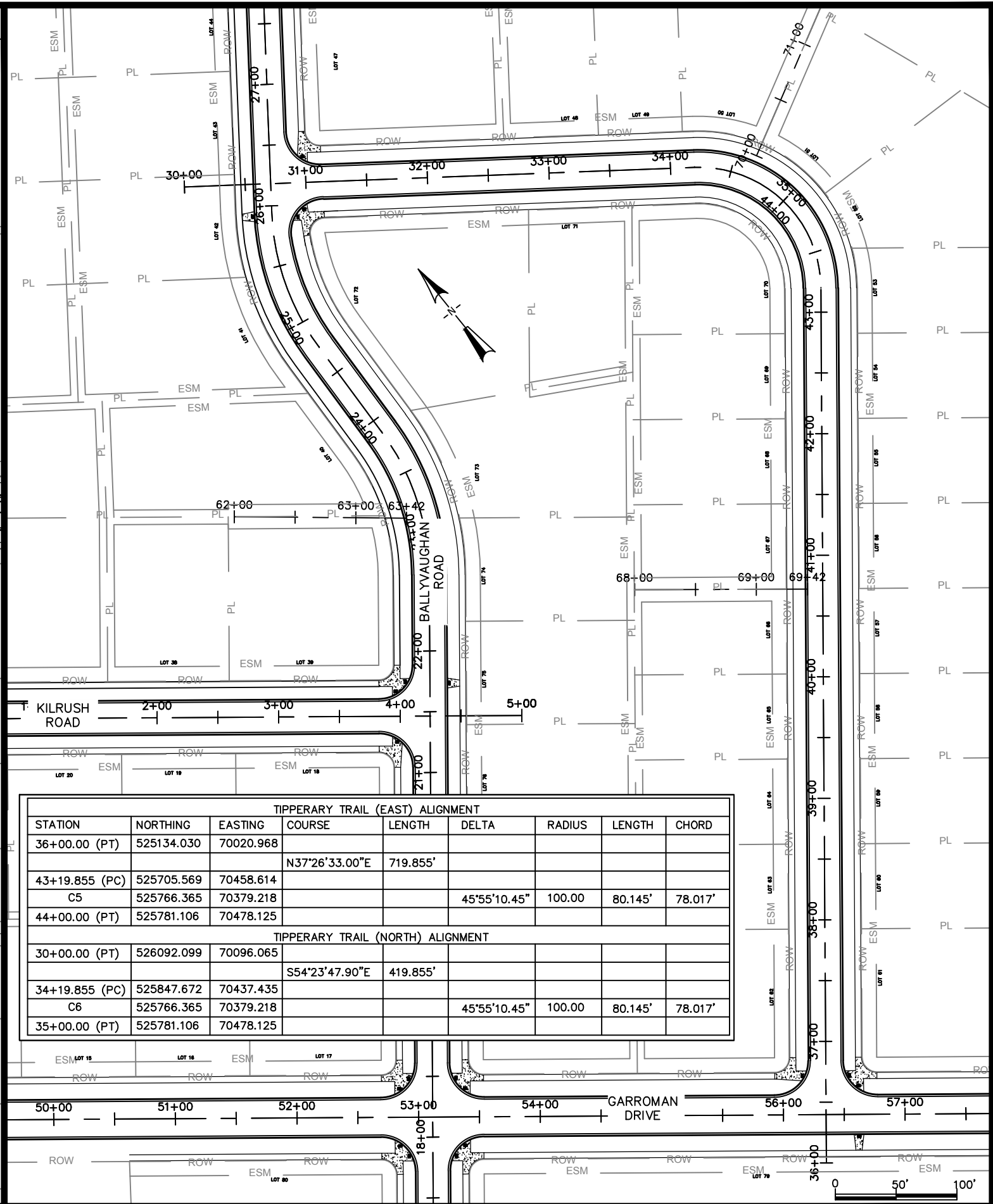
GARROMAN DRIVE ALIGNMENT				
STATION	NORTHING	EASTING	COURSE	LENGTH
45+00.00 (PT)	525855.647	69143.999		
			S52°33'27.00"E	1400.00'
59+00.00 (PT)	525004.497	70255.548		

BALLYVAUGHAN ROAD ALIGNMENT								
STATION	NORTHING	EASTING	COURSE	LENGTH	DELTA	RADIUS	LENGTH	CHORD
15+00.00 (PT)	525110.989	69595.889						
			N37°26'33.00"E	762.665'				
22+62.665 (PC)	525716.517	70059.562						
C1	525838.110	69900.769			36°04'39.35"	200.00	125.935'	123.864'
23+88.599 (PT)	525833.346	70100.713						
			N01°21'53.65"E	86.663'				
24+75.262 (PC)	525919.984	70102.777						
C2	525915.220	70302.720			34°14'18.45"	200.00	119.515'	117.744'
25+94.777 (PT)	5256031.654	70140.107						
			N35°36'12.10"E	305.222'				
28+99.998 (PT)	526279.820	70317.798						





KILRUSH ROAD (NORTH) ALIGNMENT								
STATION	NORTHING	EASTING	COURSE	LENGTH	DELTA	RADIUS	LENGTH	CHORD
6+00.00 (PC)	525900.294	69674.813						
C3	525915.035	69773.720			44°04'39.55"	100.00	76.935'	75.051'
6+76.935 (PT)	525973.252	69692.414						
14+00.00 (PT)	526561.152	70113.361	N35°36'12.10"E	723.065'				
KILRUSH ROAD (SOUTH) ALIGNMENT								
0+00.00 (PC)	525900.294	69674.813						
C4	525915.035	69773.720			44°04'39.55"	100.00	76.935'	75.051'
0+76.935 (PT)	525835.639	69712.924						
5+00.00 (PT)	525578.430	70048.822	S52°33'27.00"E	423.065'				



TIPPERARY TRAIL (EAST) ALIGNMENT								
STATION	NORTHING	EASTING	COURSE	LENGTH	DELTA	RADIUS	LENGTH	CHORD
36+00.00 (PT)	525134.030	70020.968						
			N37°26'33.00"E	719.855'				
43+19.855 (PC)	525705.569	70458.614						
C5	525766.365	70379.218			45°55'10.45"	100.00	80.145'	78.017'
44+00.00 (PT)	525781.106	70478.125						
TIPPERARY TRAIL (NORTH) ALIGNMENT								
30+00.00 (PT)	526092.099	70096.065						
			S54°23'47.90"E	419.855'				
34+19.855 (PC)	525847.672	70437.435						
C6	525766.365	70379.218			45°55'10.45"	100.00	80.145'	78.017'
35+00.00 (PT)	525781.106	70478.125						



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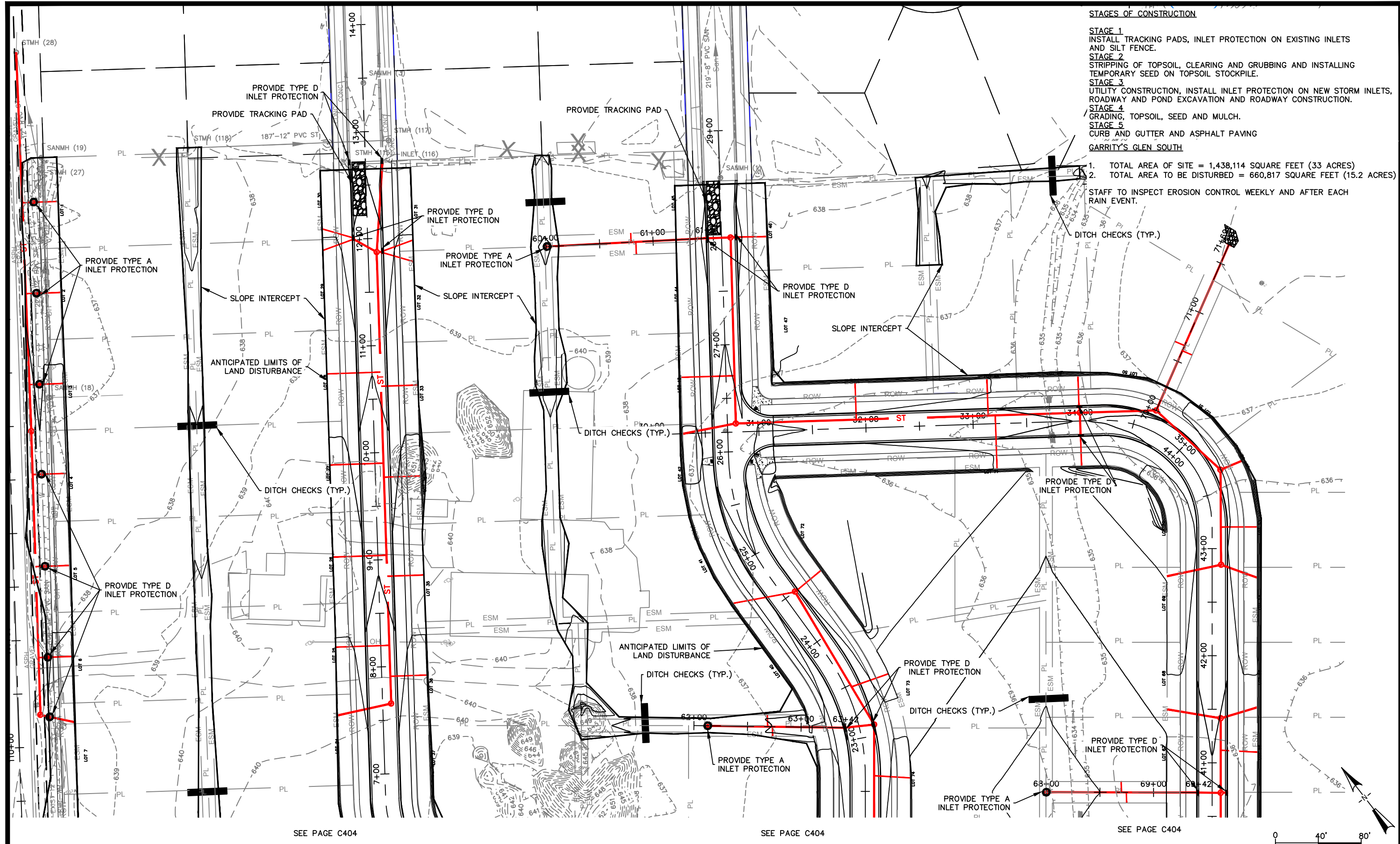
ALIGNMENTS
KILRUSH ROAD AND TIPPERARY TRAIL

NAME:
GARRITY'S GLEN SOUTH
SUBDIVISION CONSTRUCTION
PROJECT # 19-11

BY
SRL
SRL
EPR
MACH IV
5-2019
5-2019
5-2019

REVISIONS / ISSUES				
NO.	DATE	BY	REMARKS	

PAGE NO.
C402



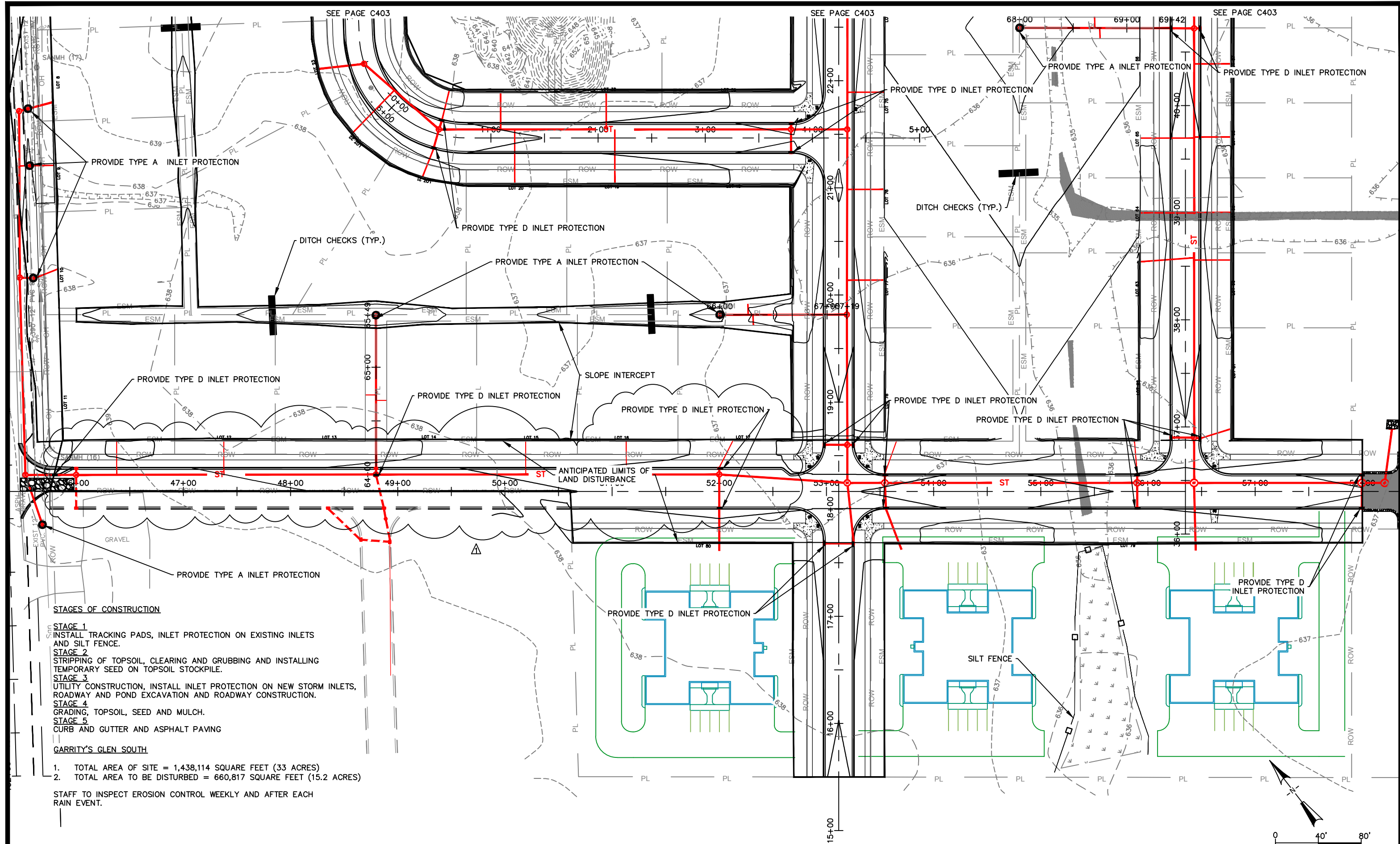
- STAGES OF CONSTRUCTION**
- STAGE 1**
INSTALL TRACKING PADS, INLET PROTECTION ON EXISTING INLETS AND SILT FENCE.
 - STAGE 2**
STRIPPING OF TOPSOIL, CLEARING AND GRUBBING AND INSTALLING TEMPORARY SEED ON TOPSOIL STOCKPILE.
 - STAGE 3**
UTILITY CONSTRUCTION, INSTALL INLET PROTECTION ON NEW STORM INLETS, ROADWAY AND POND EXCAVATION AND ROADWAY CONSTRUCTION.
 - STAGE 4**
GRADING, TOPSOIL, SEED AND MULCH.
 - STAGE 5**
CURB AND GUTTER AND ASPHALT PAVING
- GARRY'S GLEN SOUTH**
- TOTAL AREA OF SITE = 1,438,114 SQUARE FEET (33 ACRES)
 - TOTAL AREA TO BE DISTURBED = 660,817 SQUARE FEET (15.2 ACRES)
- STAFF TO INSPECT EROSION CONTROL WEEKLY AND AFTER EACH RAIN EVENT.



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**GARRY'S GLEN SOUTH
EROSION CONTROL PLAN**

NAME: GARRY'S GLEN SOUTH SUBDIVISION CONSTRUCTION PROJECT # 19-11	REVISIONS / ISSUES				PAGE NO. C403
	SURVEYED	BY	DATE	NO.	
	DRAWN	SRL	5-2019		
	DESIGNED	SRL	5-2019		
	CHECKED	EPR	5-2019		



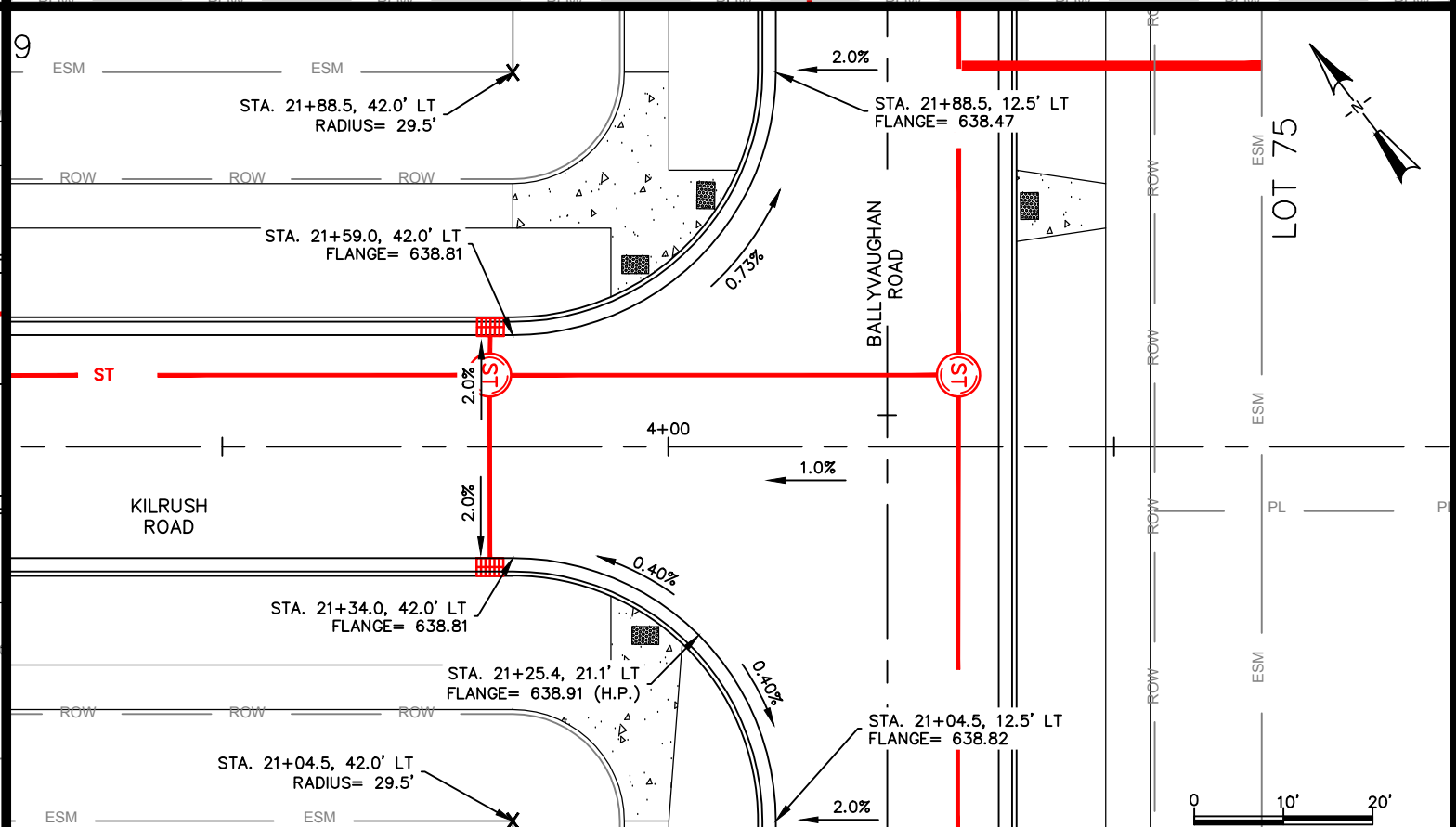
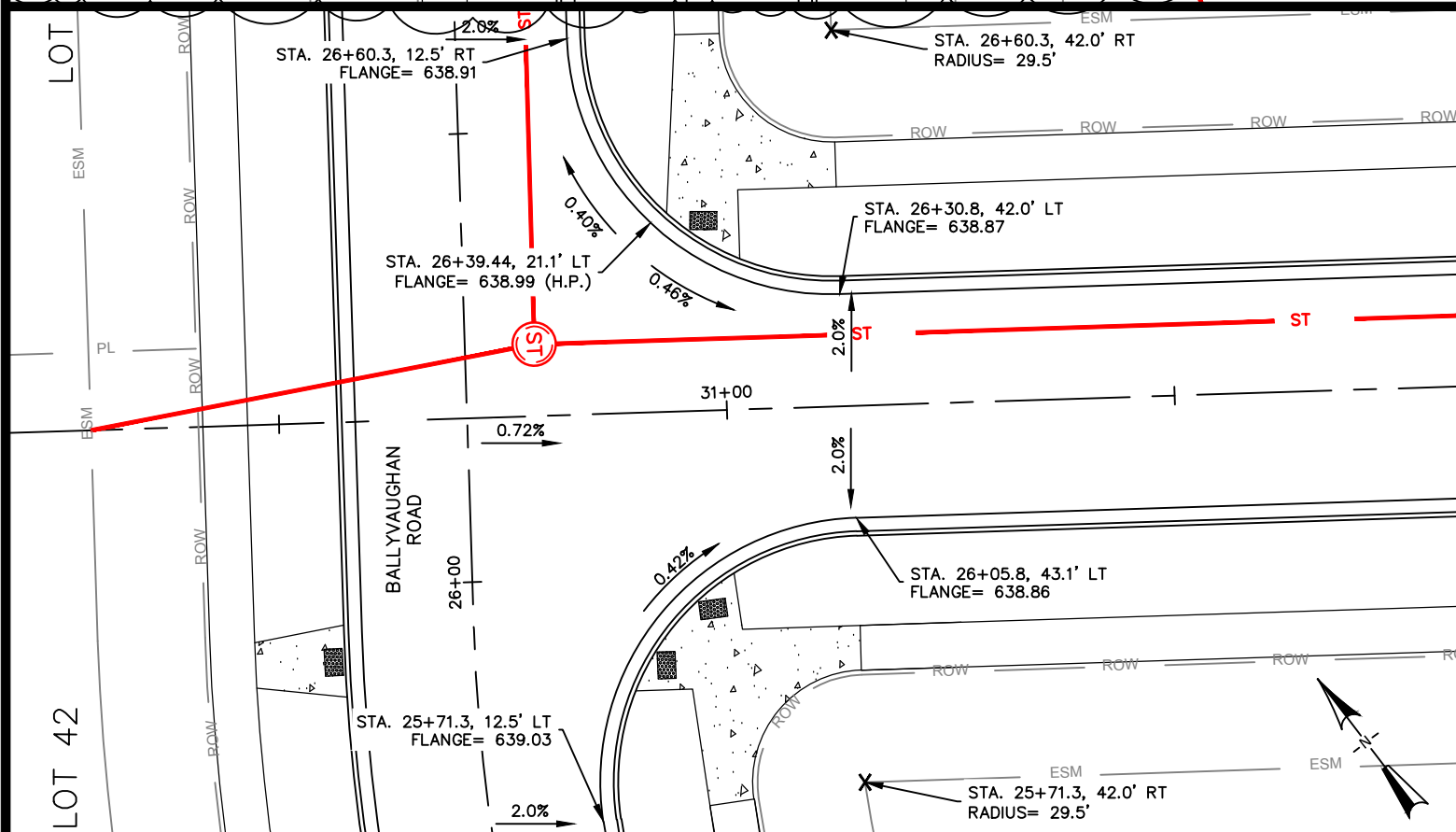
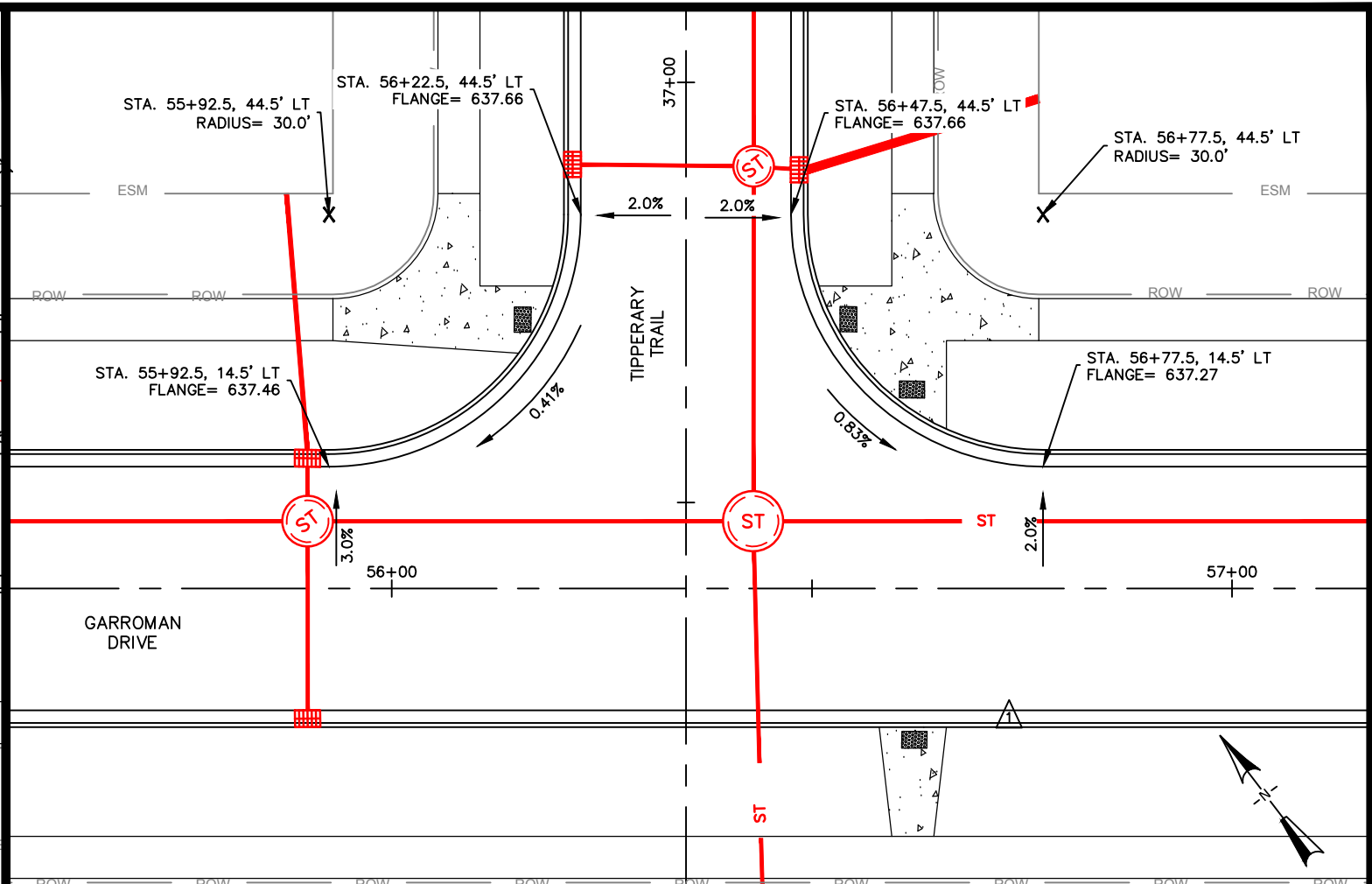
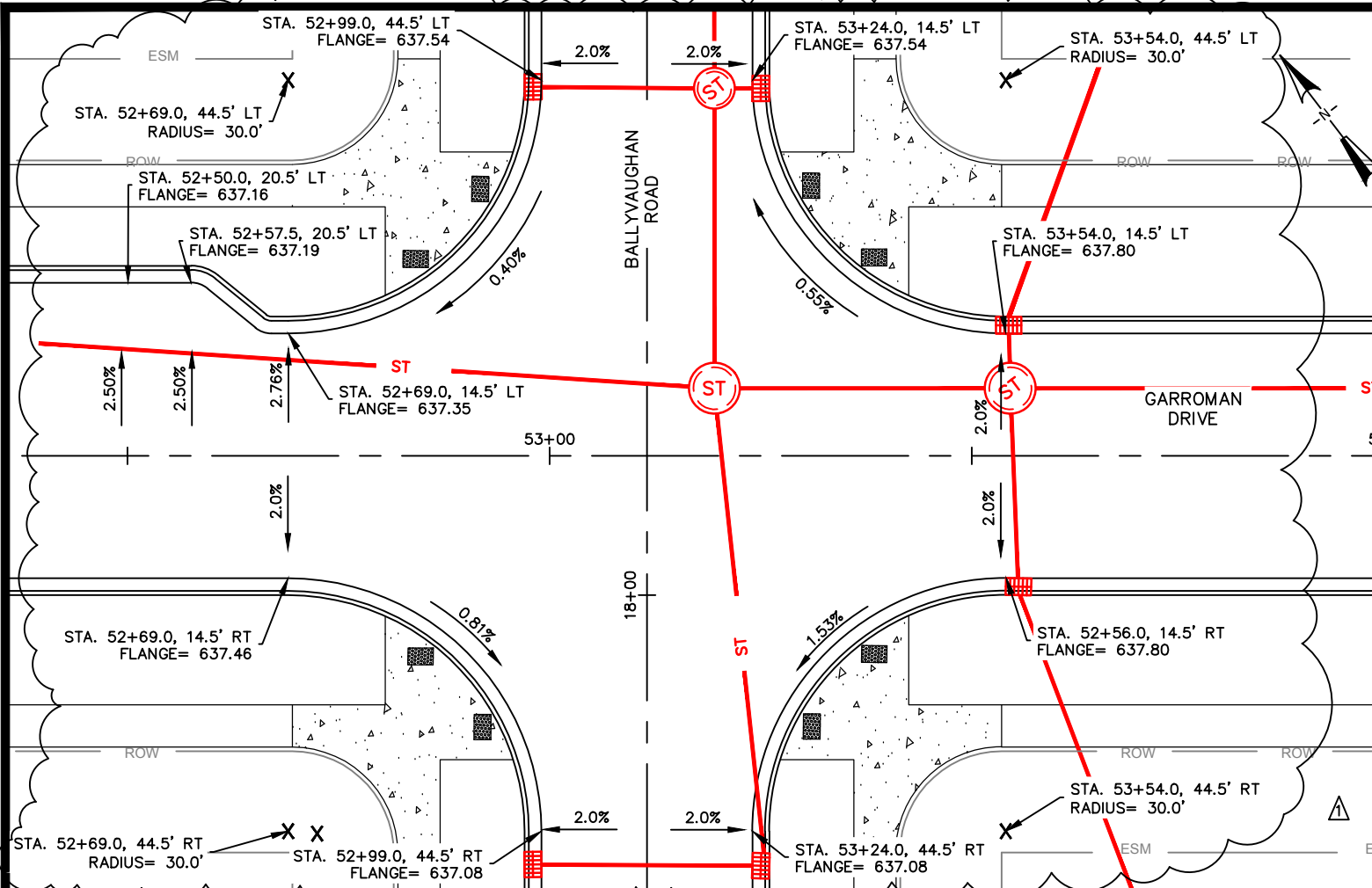
- STAGES OF CONSTRUCTION**
- STAGE 1**
INSTALL TRACKING PADS, INLET PROTECTION ON EXISTING INLETS AND SILT FENCE.
 - STAGE 2**
STRIPPING OF TOPSOIL, CLEARING AND GRUBBING AND INSTALLING TEMPORARY SEED ON TOPSOIL STOCKPILE.
 - STAGE 3**
UTILITY CONSTRUCTION, INSTALL INLET PROTECTION ON NEW STORM INLETS, ROADWAY AND POND EXCAVATION AND ROADWAY CONSTRUCTION.
 - STAGE 4**
GRADING, TOPSOIL, SEED AND MULCH.
 - STAGE 5**
CURB AND GUTTER AND ASPHALT PAVING

GARRITY'S GLEN SOUTH

- TOTAL AREA OF SITE = 1,438,114 SQUARE FEET (33 ACRES)
- TOTAL AREA TO BE DISTURBED = 660,817 SQUARE FEET (15.2 ACRES)

STAFF TO INSPECT EROSION CONTROL WEEKLY AND AFTER EACH RAIN EVENT.

X:\ENG\Projects\City Projects\2019\Project 19-11 Garry's Glen South\1200- CAD\19-11 Erosion Control Plans.dwg



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GARRITY'S GLEN SOUTH
INTERSECTION GRADES

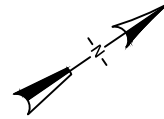
NAME:
GARRITY'S GLEN SOUTH
SUBDIVISION CONSTRUCTION
PROJECT # 19-11

NO.	DATE	BY	DATE
1	9/2019	SRL	4-2019
		SRL	4-2019
		EPR	4-2019

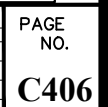
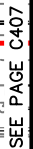
REVISIONS / ISSUES			
NO.	DATE	BY	REMARKS
1	9/2019	SRL	UTILITIES RELOCATED AND ROAD WIDTH AND GRADES

PAGE NO.
C405
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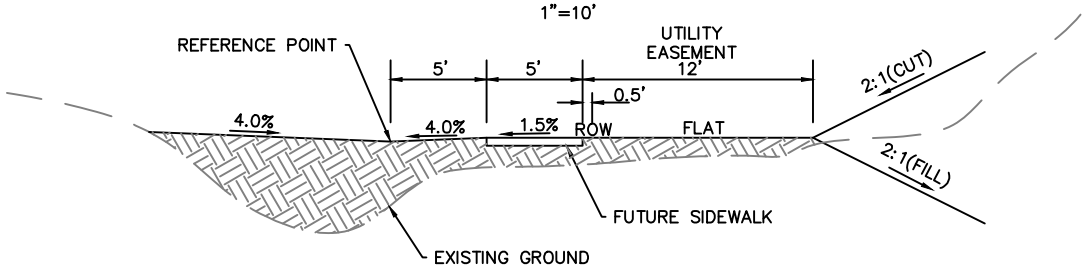
$$1'' = 10'$$


1. DAYLIGHT 6" STORM LATERAL
AFTER UTILITY EASEMENT.

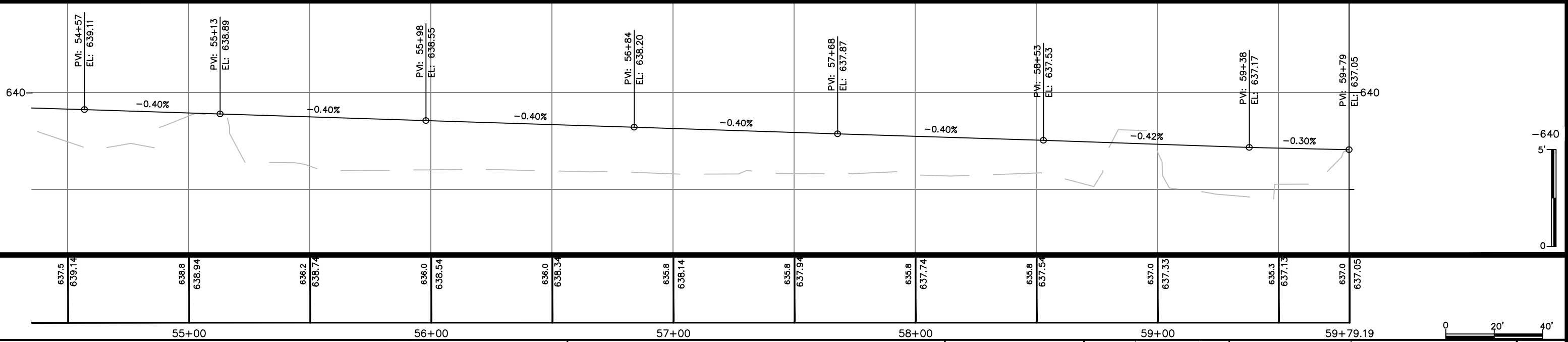
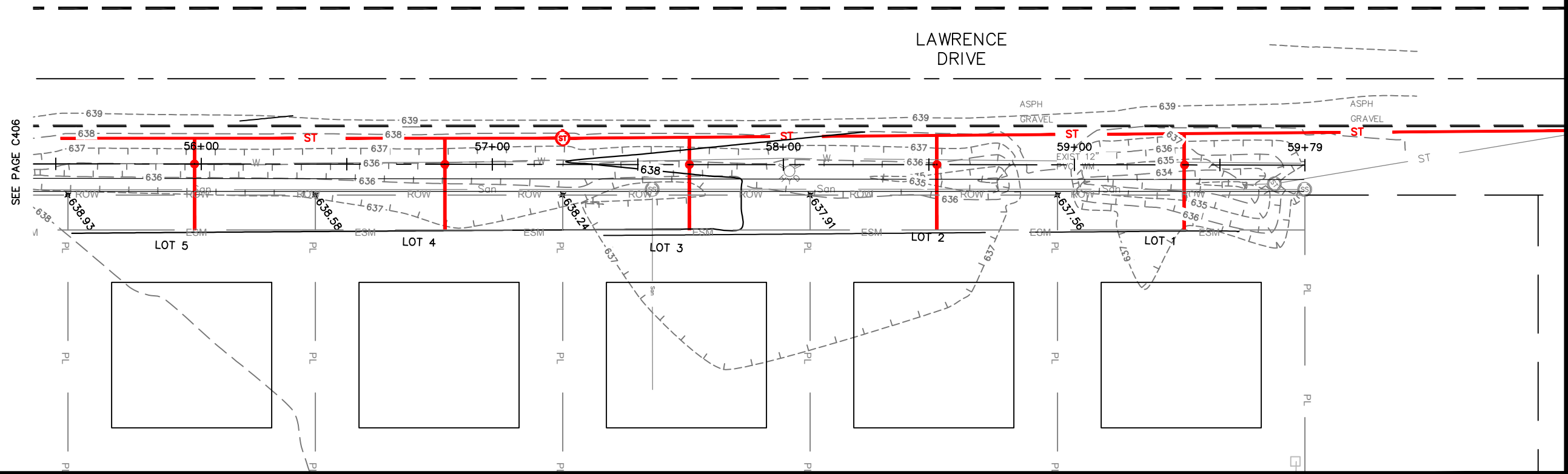


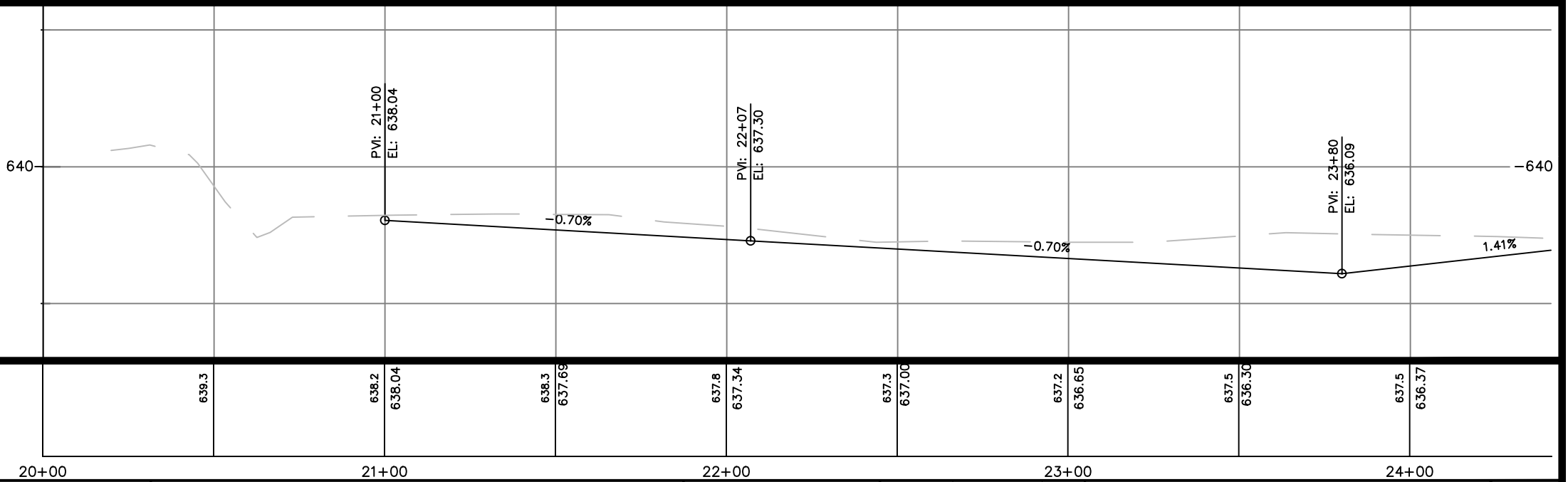
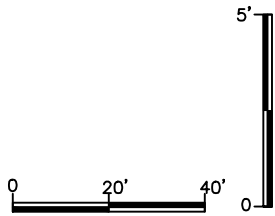
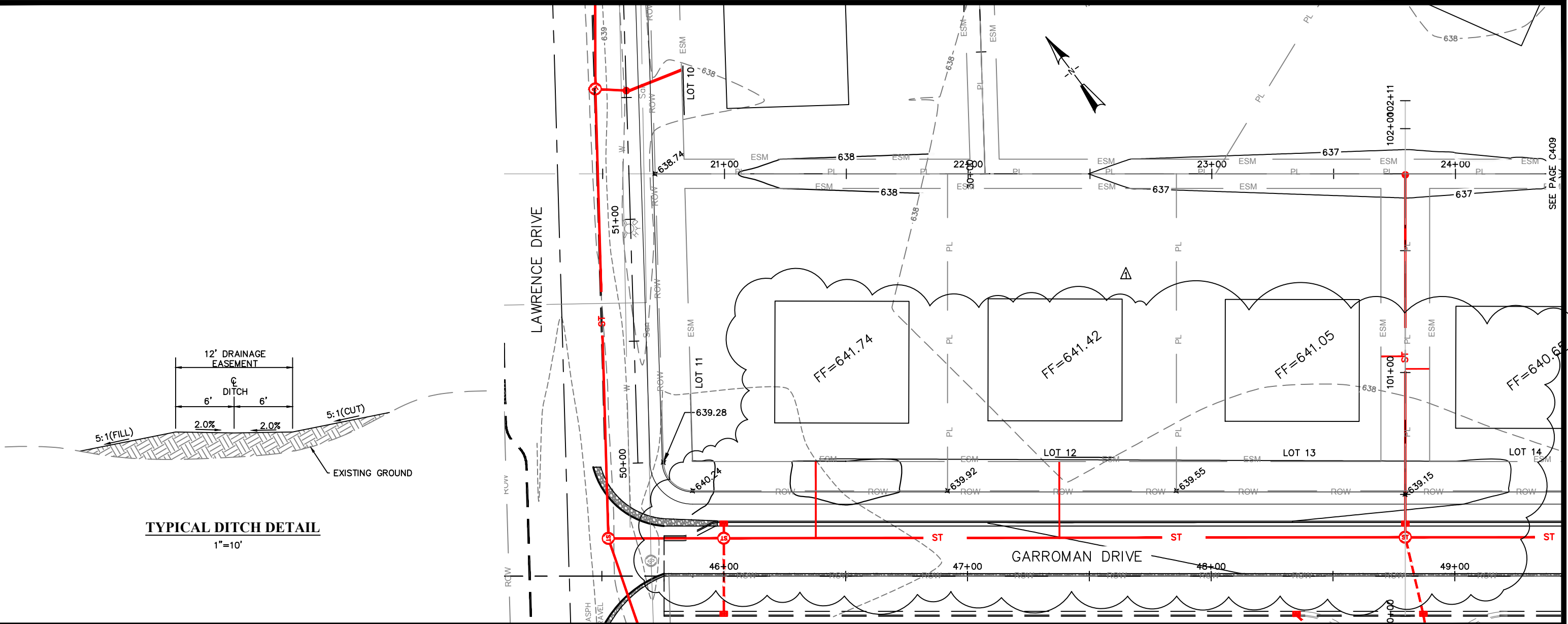
C406

TYPICAL DITCH DETAIL FOR
LAWRENCE DRIVE



- NOTE:
1. DAYLIGHT 6" STORM LATERAL
AFTER UTILITY EASEMENT.

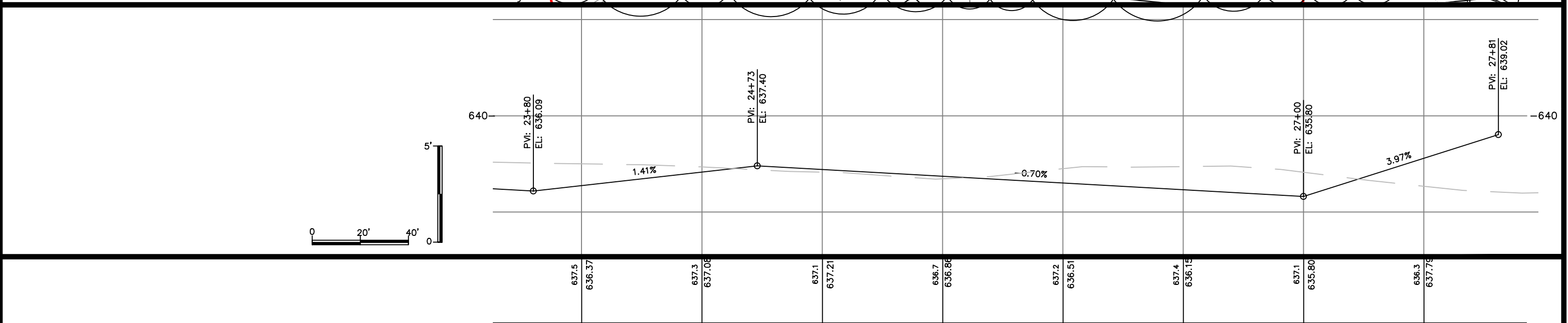
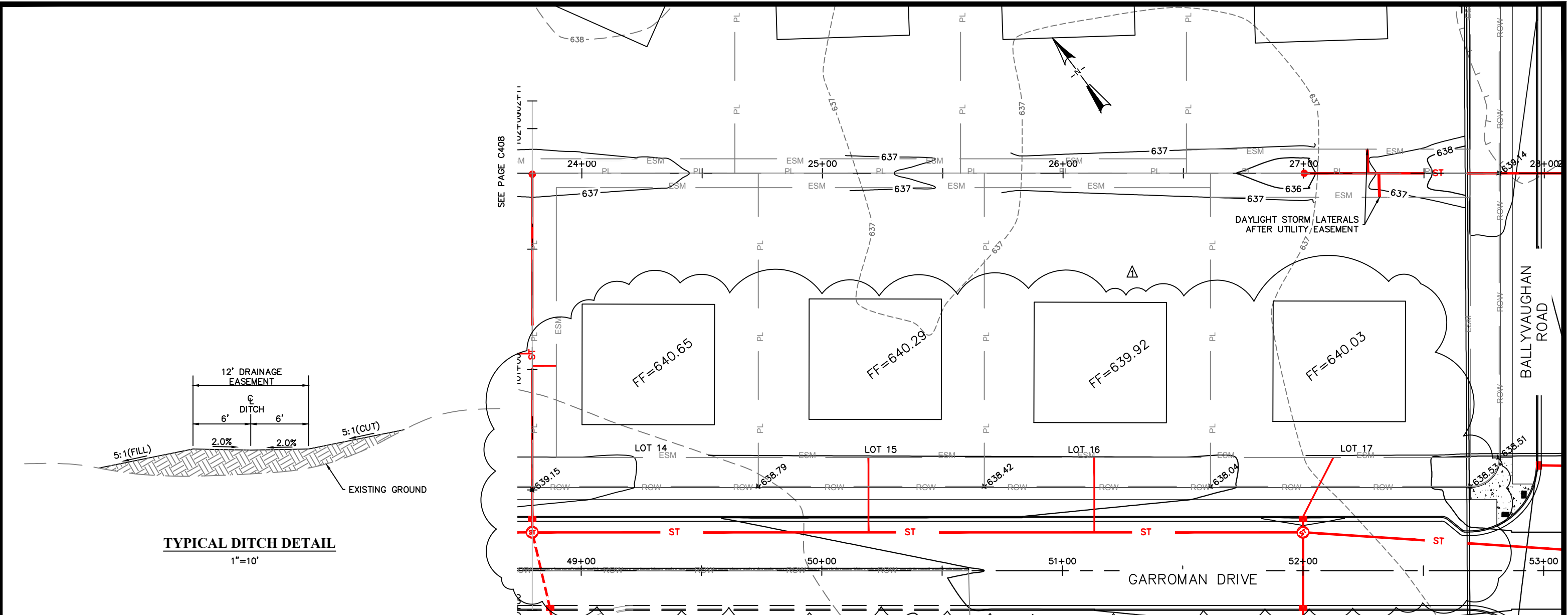


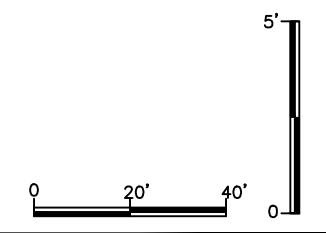
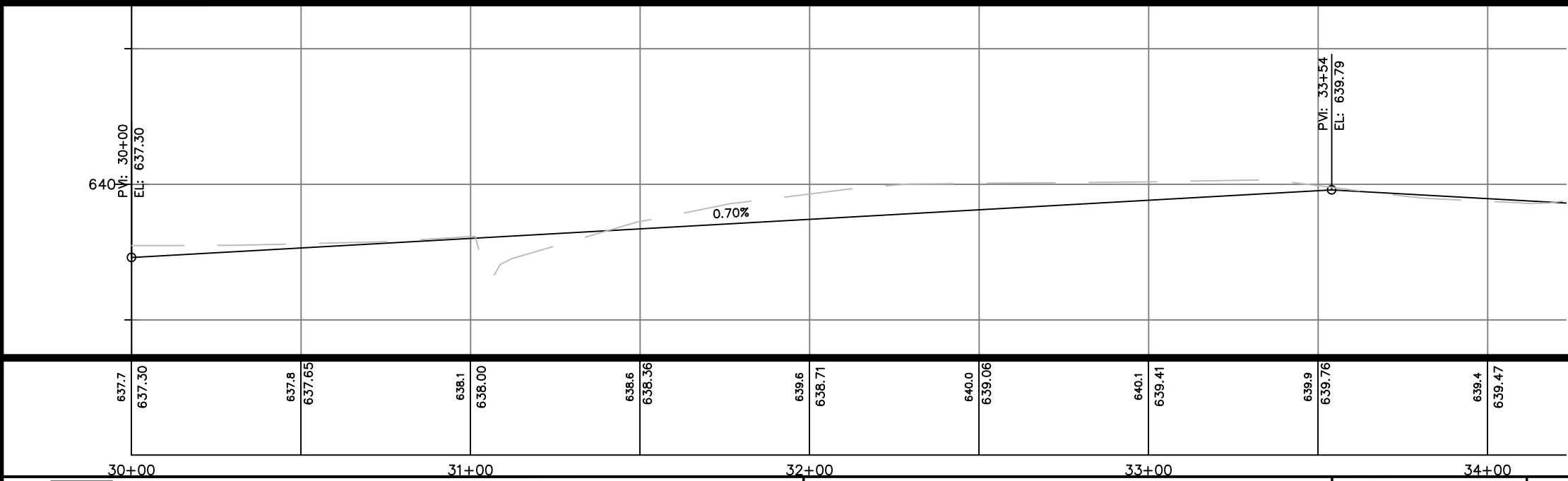
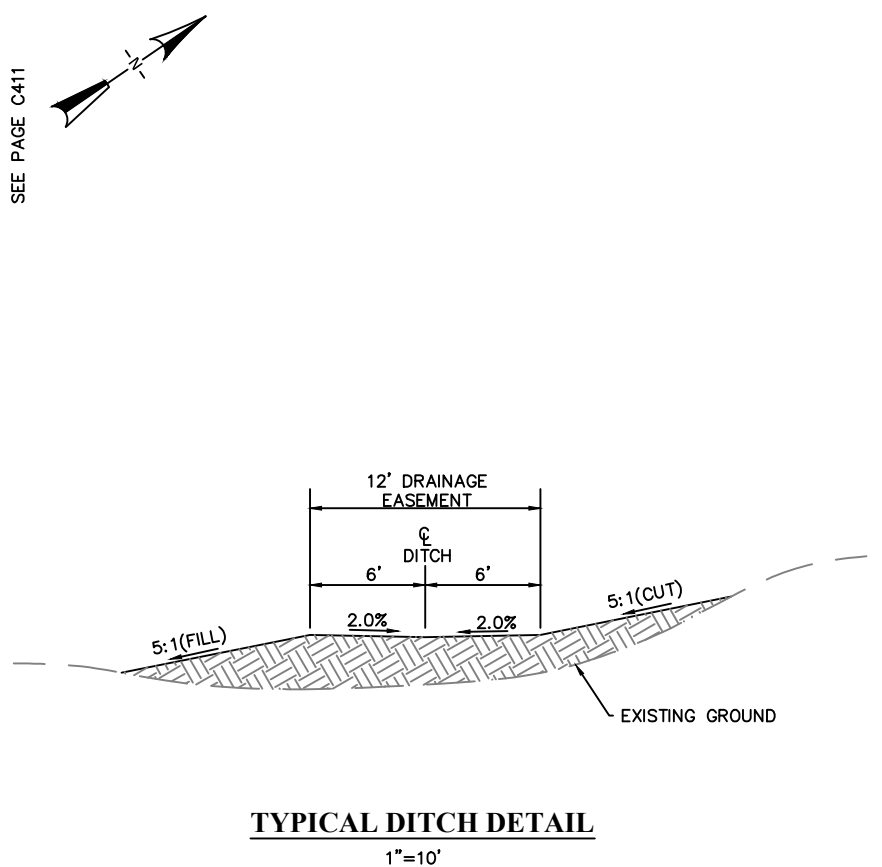
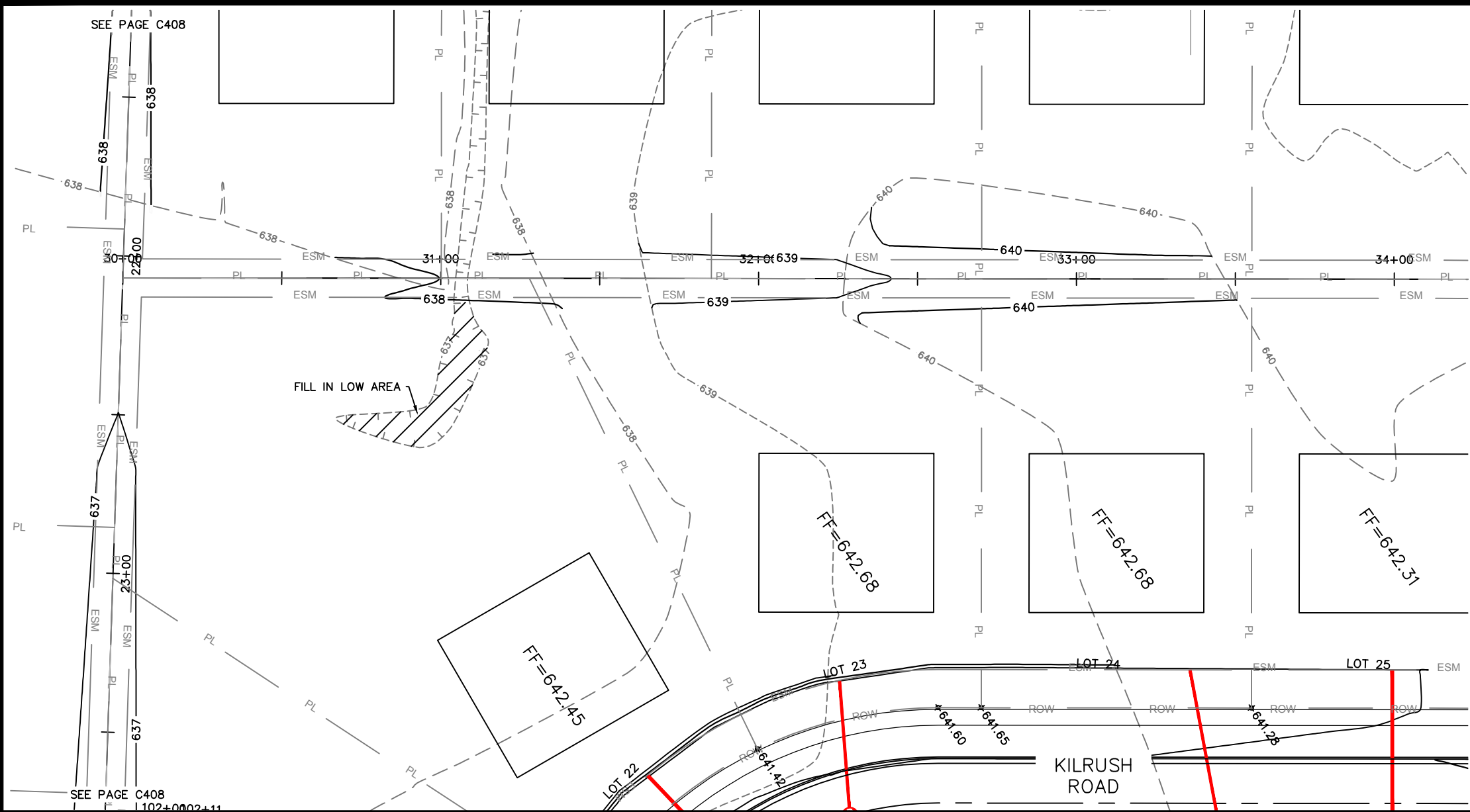


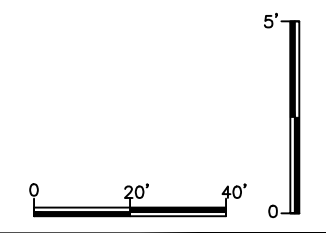
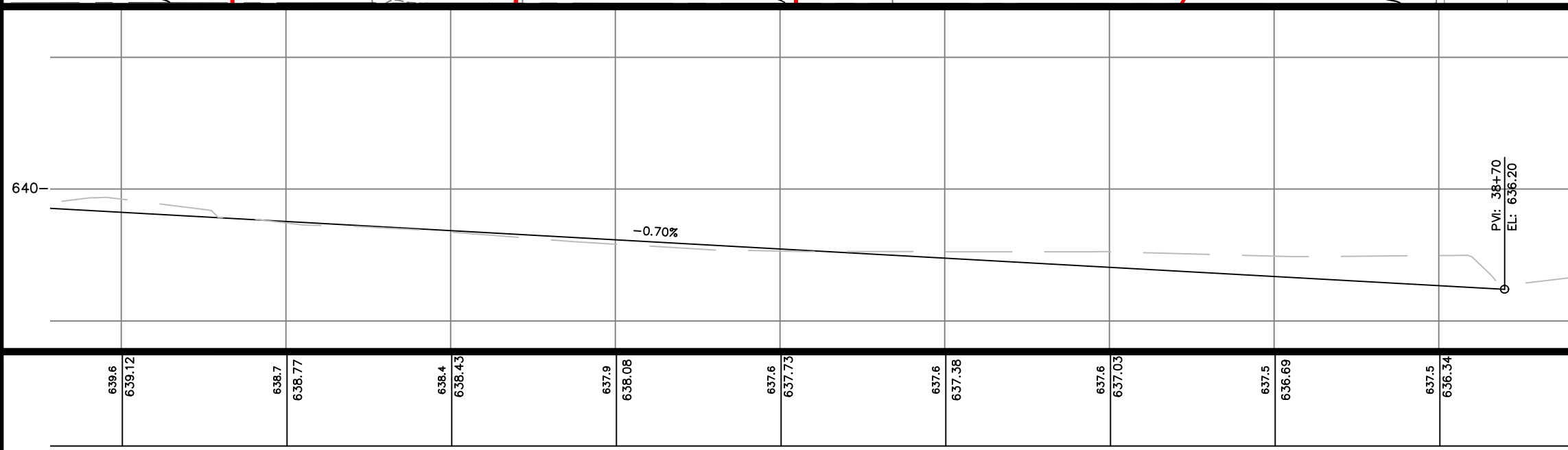
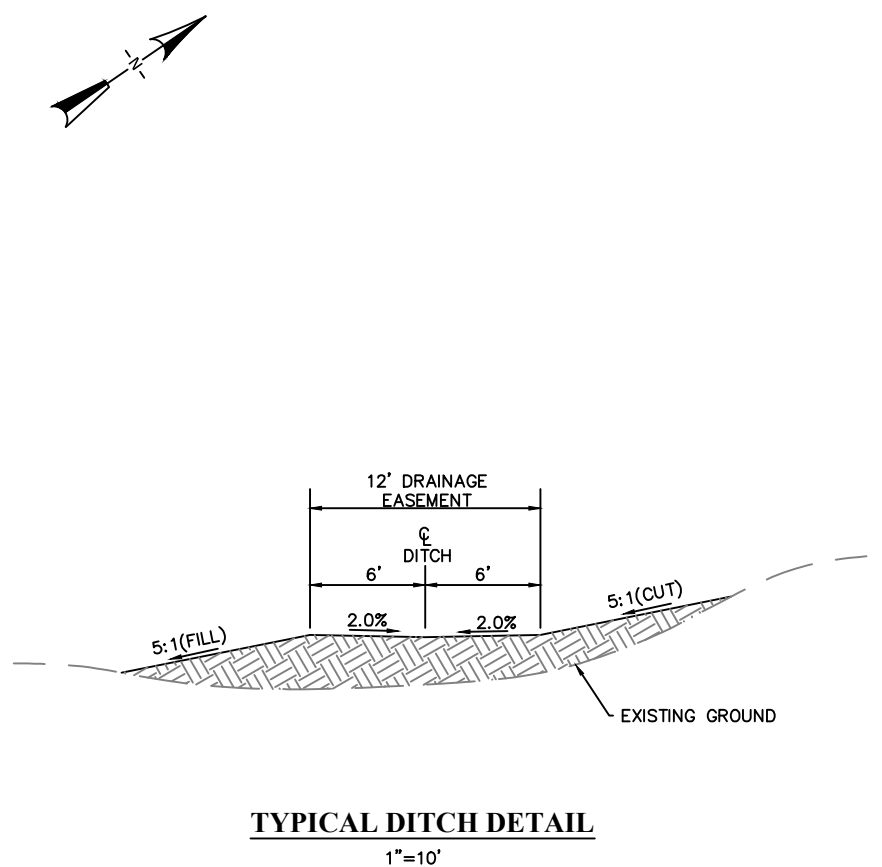
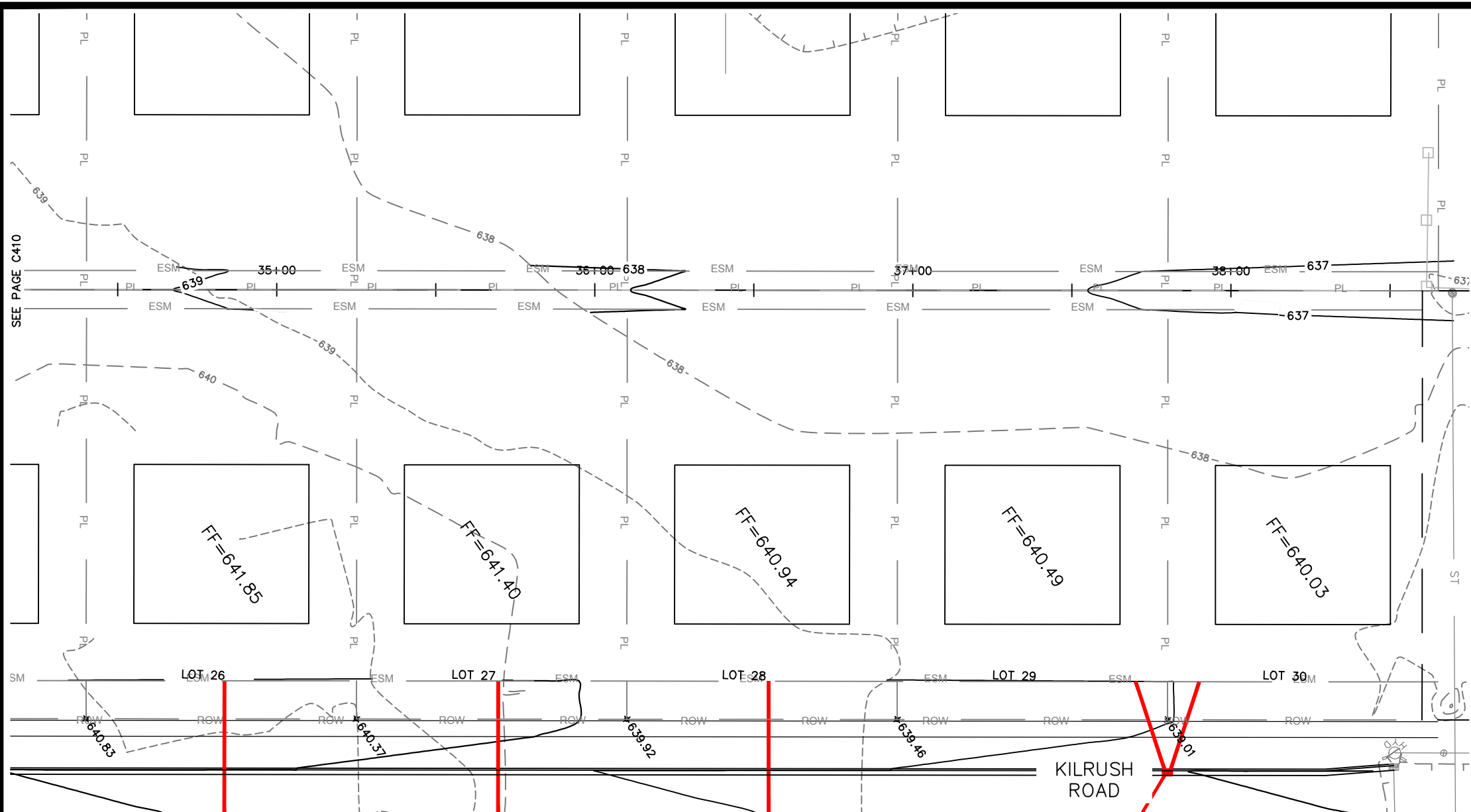
CITY OF DE PERE
ENGINEERING DIVISION 925 S. SIXTH ST DE PERE WI 54115
OFFICE 920-339-4061 FAX 920-339-4071

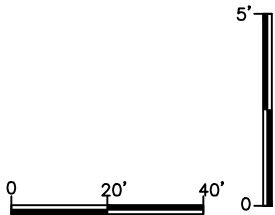
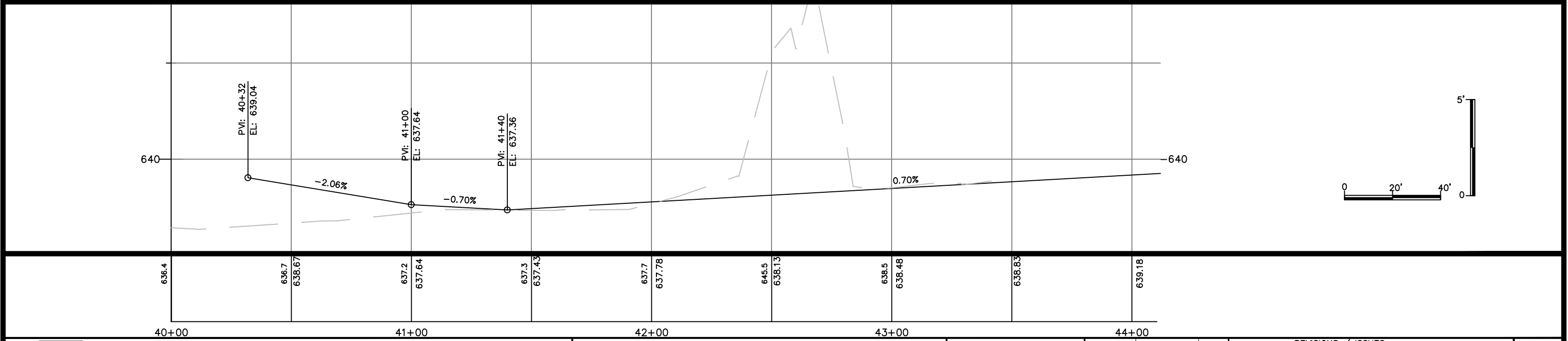
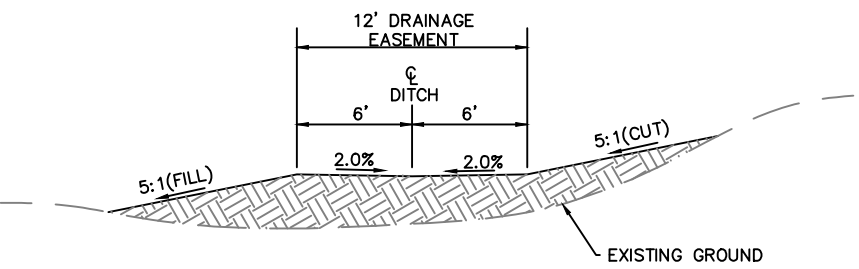
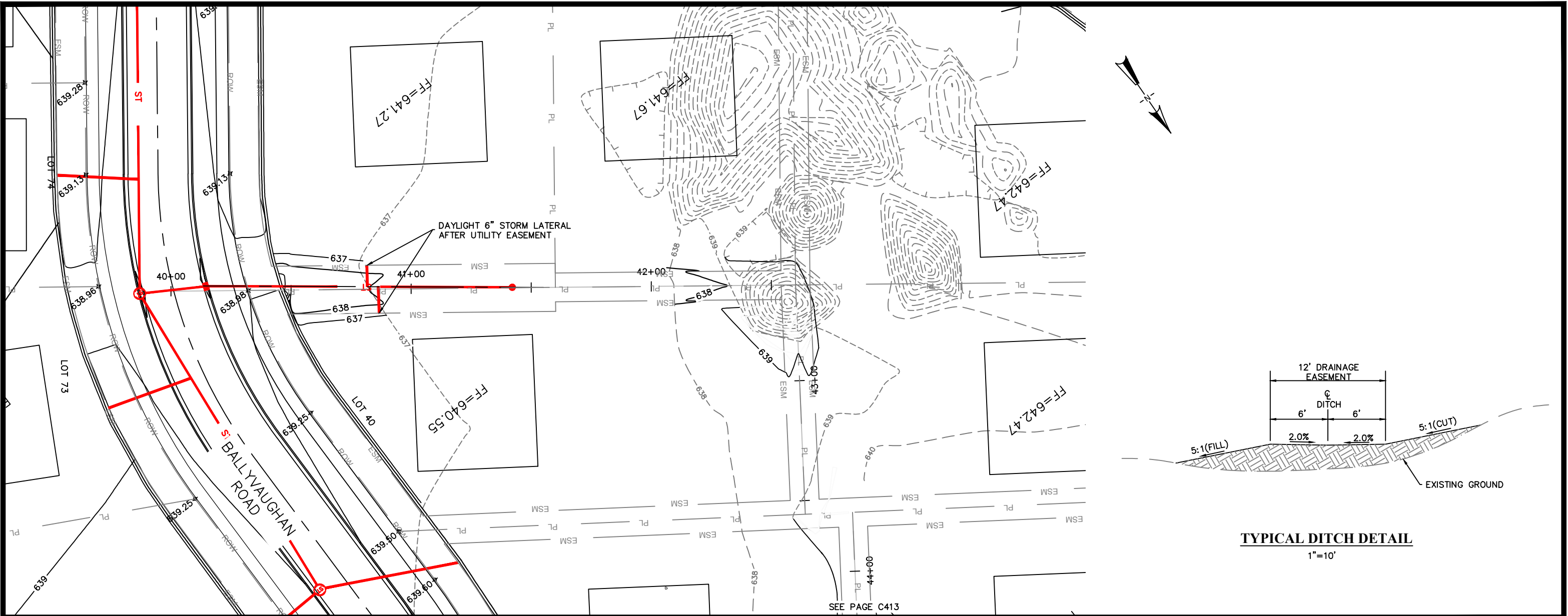
**GARRITY'S GLEN SOUTH
DITCH GRADING
GARROMAN DRIVE**

NAME: GARRITY'S GLEN SOUTH SUBDIVISION CONSTRUCTION		BY MACH IV	DATE 8-2018	REVISIONS / ISSUES			
PROJECT # 19-11		SURVEYED SRL	5-2019	NO. 1	DATE 9-2019	BY SRL	REMARKS GARROMAN DRIVE ROAD WIDTH AND GRADES
		DRAWN SRL	5-2019				
		DESIGNED EPR	5-2019				
		CHECKED EPR	5-2019				





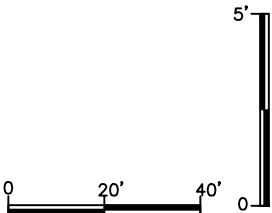
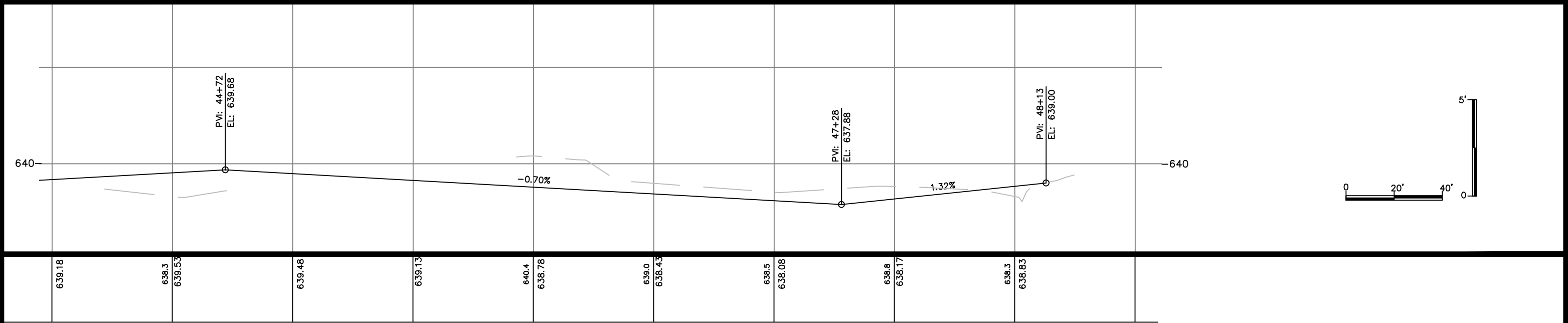
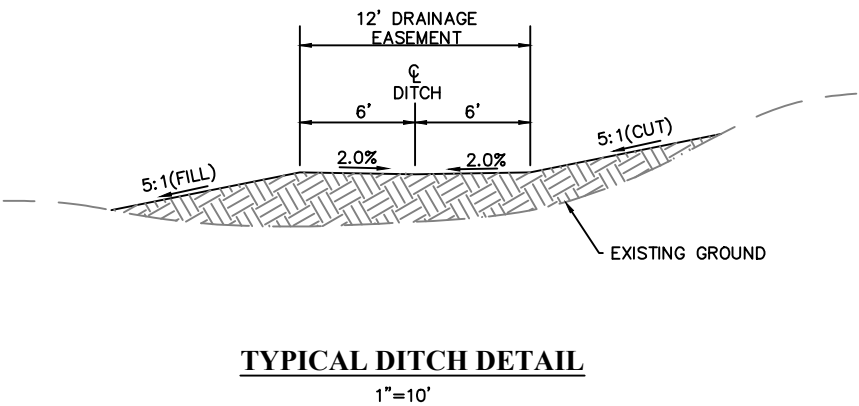
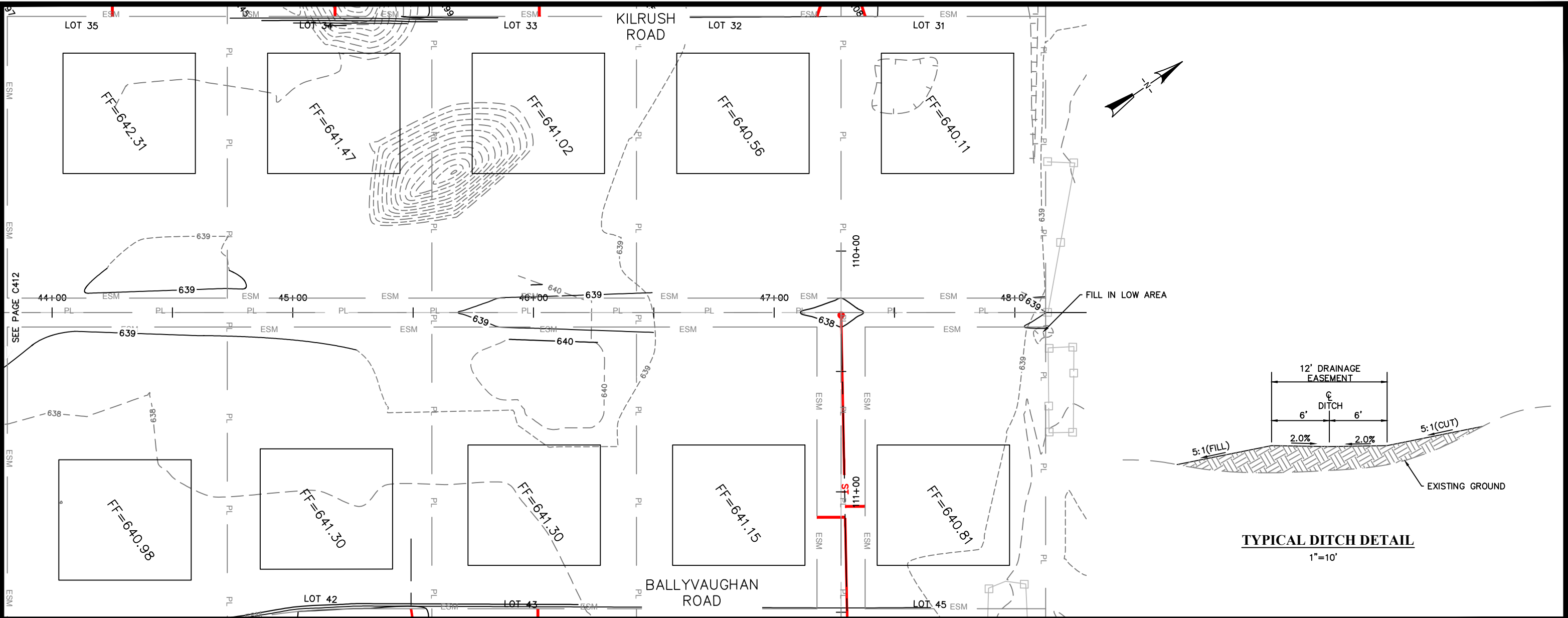


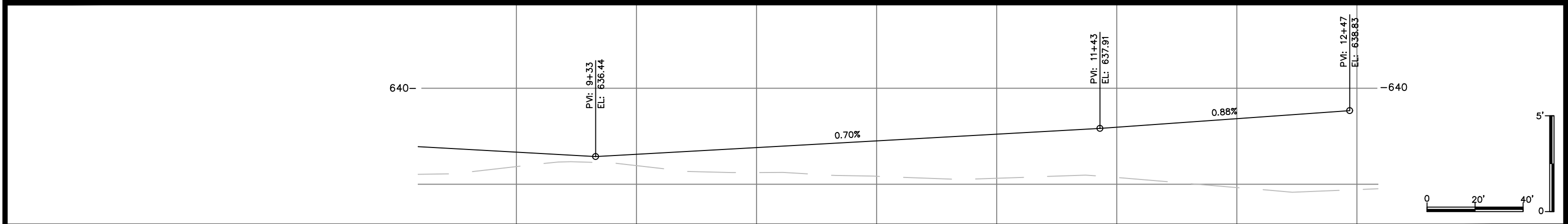
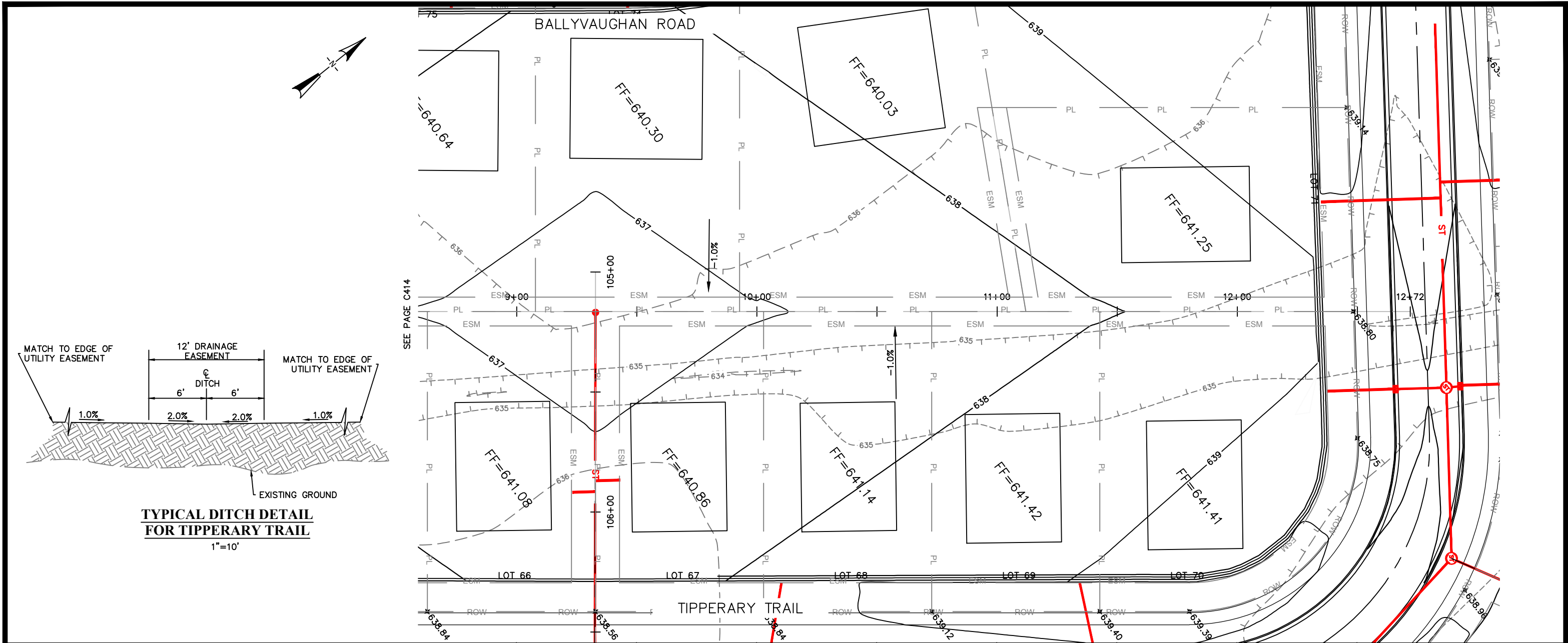


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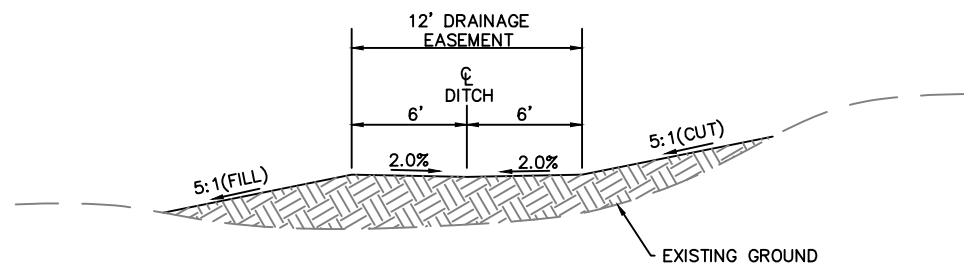
**GARRITY'S GLEN SOUTH
DITCH GRADING
BALLYVGHUAN ROAD**

NAME: GARRITY'S GLEN SOUTH SUBDIVISION CONSTRUCTION	PROJECT # 19-11	BY MACH IV SRL SRL EPR	DATE 8-2018 5-2019 5-2019 5-2019	REVISIONS / ISSUES			
				NO.	DATE	BY	REMARKS



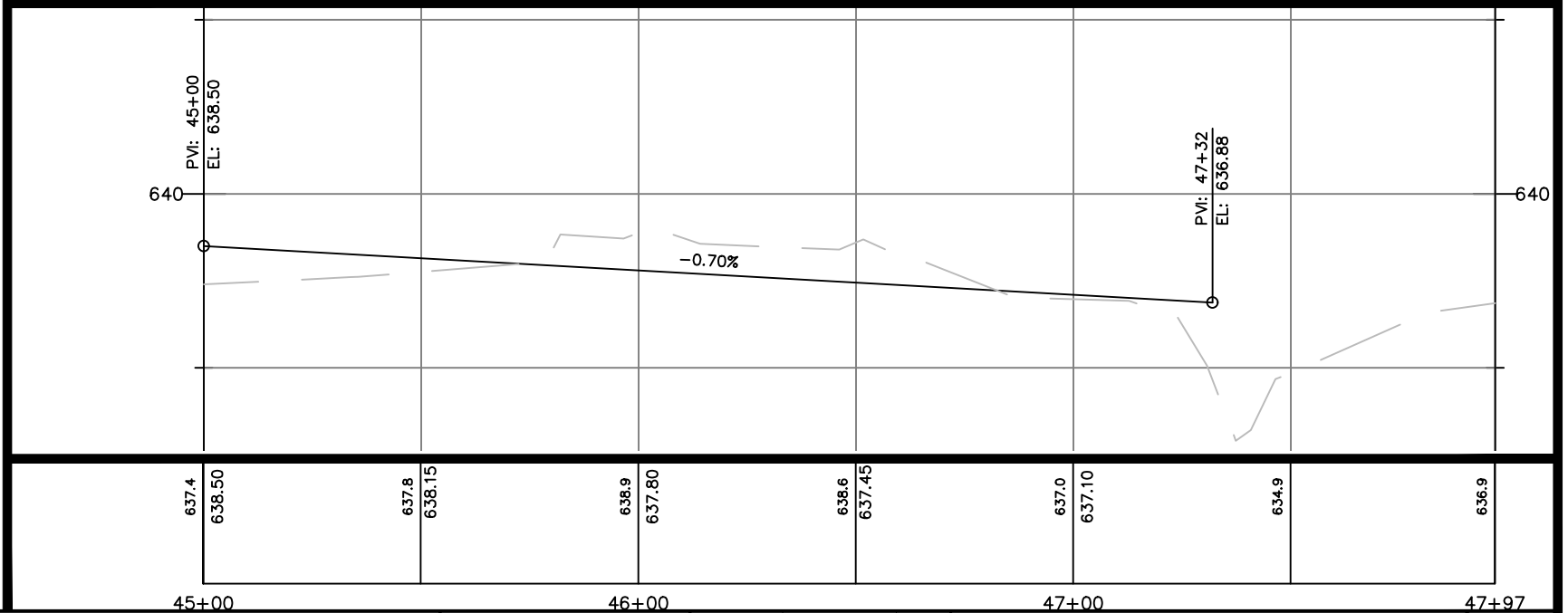
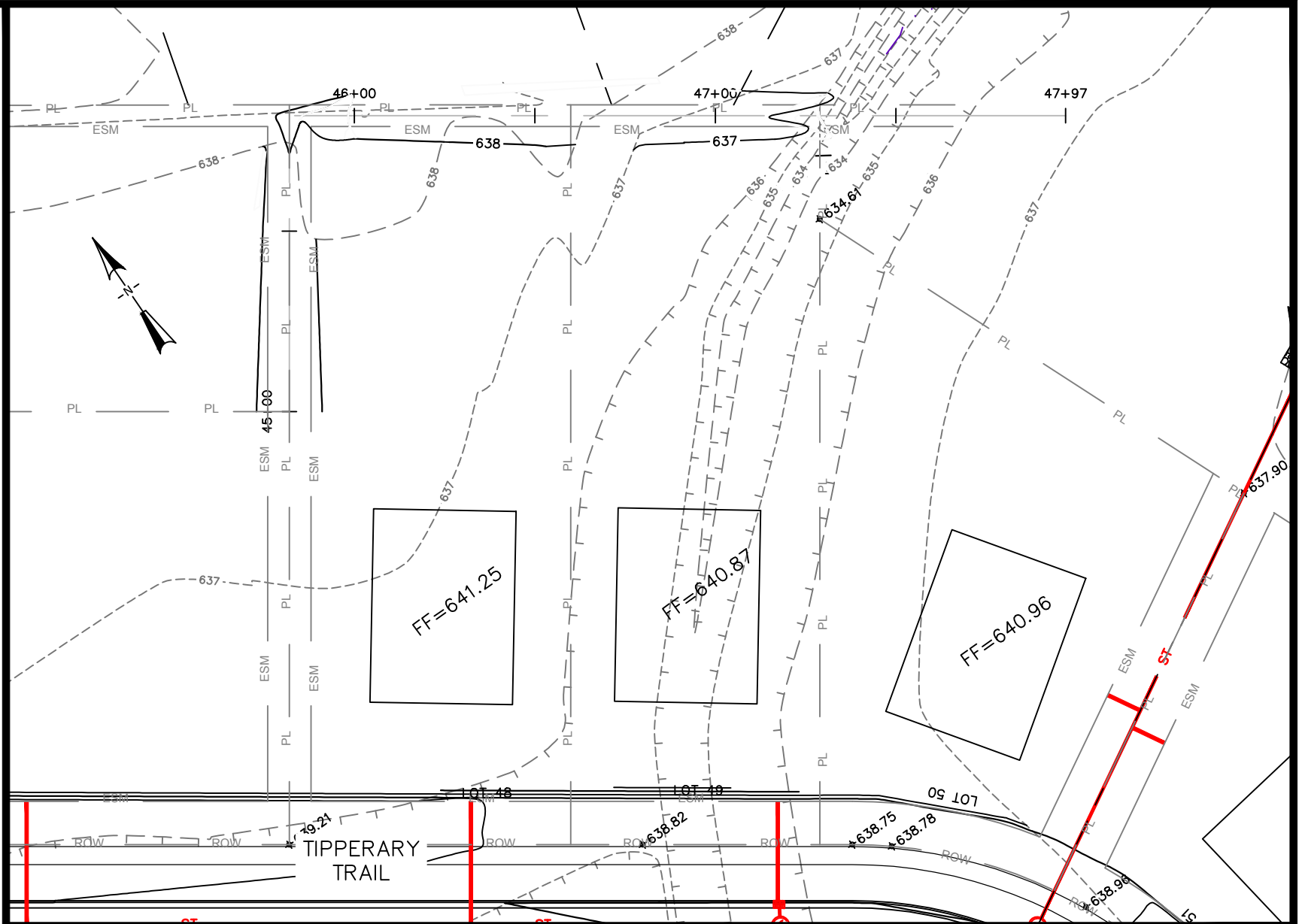
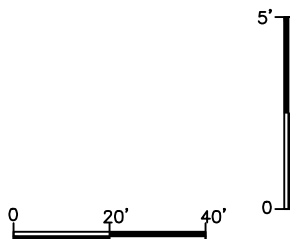


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TYPICAL DITCH DETAIL

1"=10'



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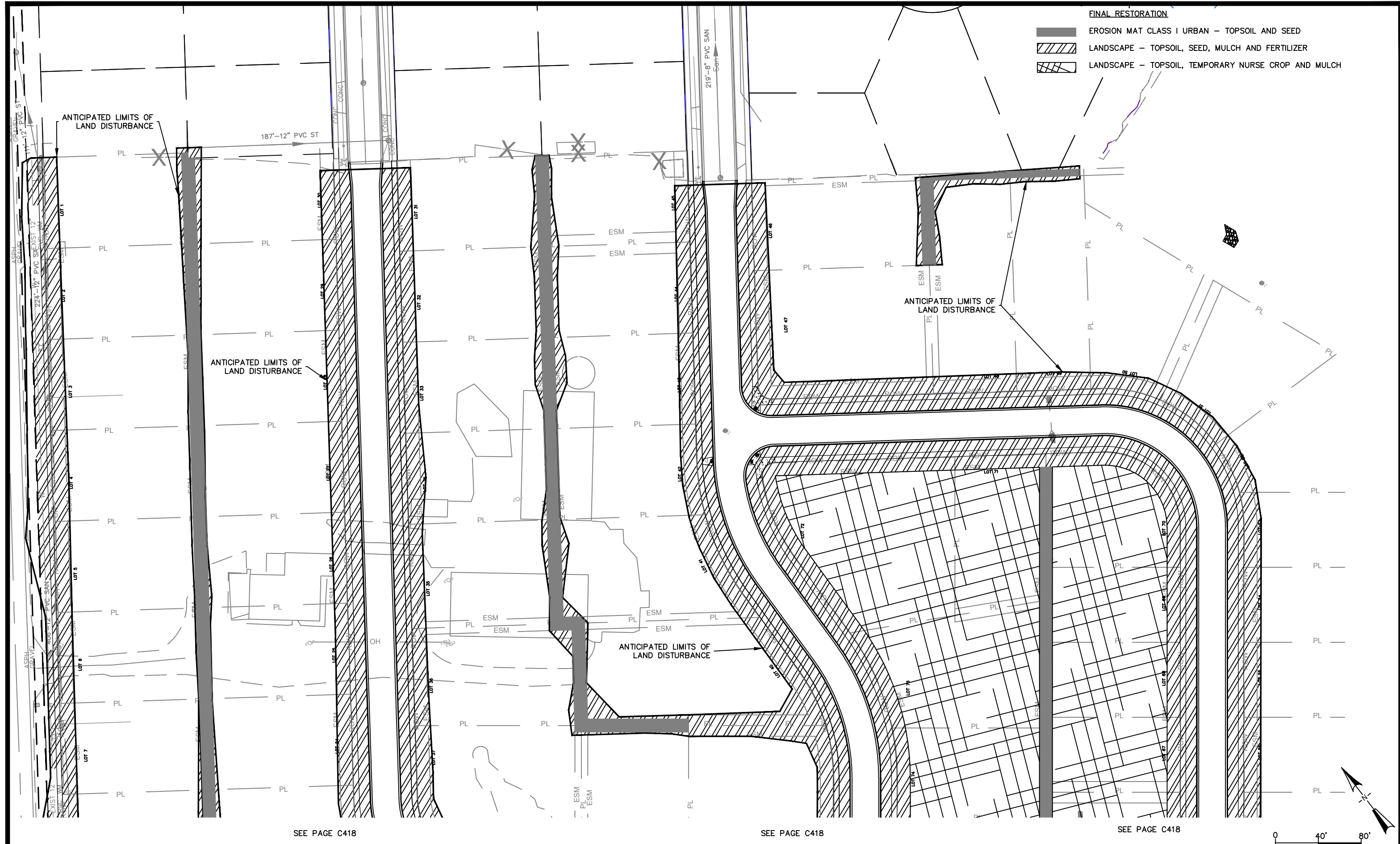
GARRITY'S GLEN SOUTH
DITCH GRADING
TIPPERARY TRAIL BY POND

NAME: GARRITY'S GLEN SOUTH
SUBDIVISION CONSTRUCTION
PROJECT # 19-11

BY	DATE
SURVEYED	MACH IV 8-2018
DRAWN	SRL 5-2019
DESIGNED	SRL 5-2019
CHECKED	EPR 5-2019

REVISIONS / ISSUES			
NO.	DATE	BY	REMARKS

PAGE NO.
C416



- FINAL RESTORATION**
- EROSION MAT CLASS I URBAN – TOPSOIL AND SEED
 - LANDSCAPE – TOPSOIL, SEED, MULCH AND FERTILIZER
 - LANDSCAPE – TOPSOIL, TEMPORARY NURSE CROP AND MULCH



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**GARRITY'S GLEN SOUTH
FINAL RESTORATION PLAN**

NAME: GARRITY'S GLEN SOUTH SUBDIVISION CONSTRUCTION PROJECT # 19-11	REVISIONS / ISSUES				PAGE NO. C417
	NO.	DATE	BY	REMARKS	
	SURVEYED	MACH IV	8-2018		
	DRAWN	SRL	5-2019		
	DESIGNED	SRL	5-2019		
	CHECKED	EPR	5-2019		

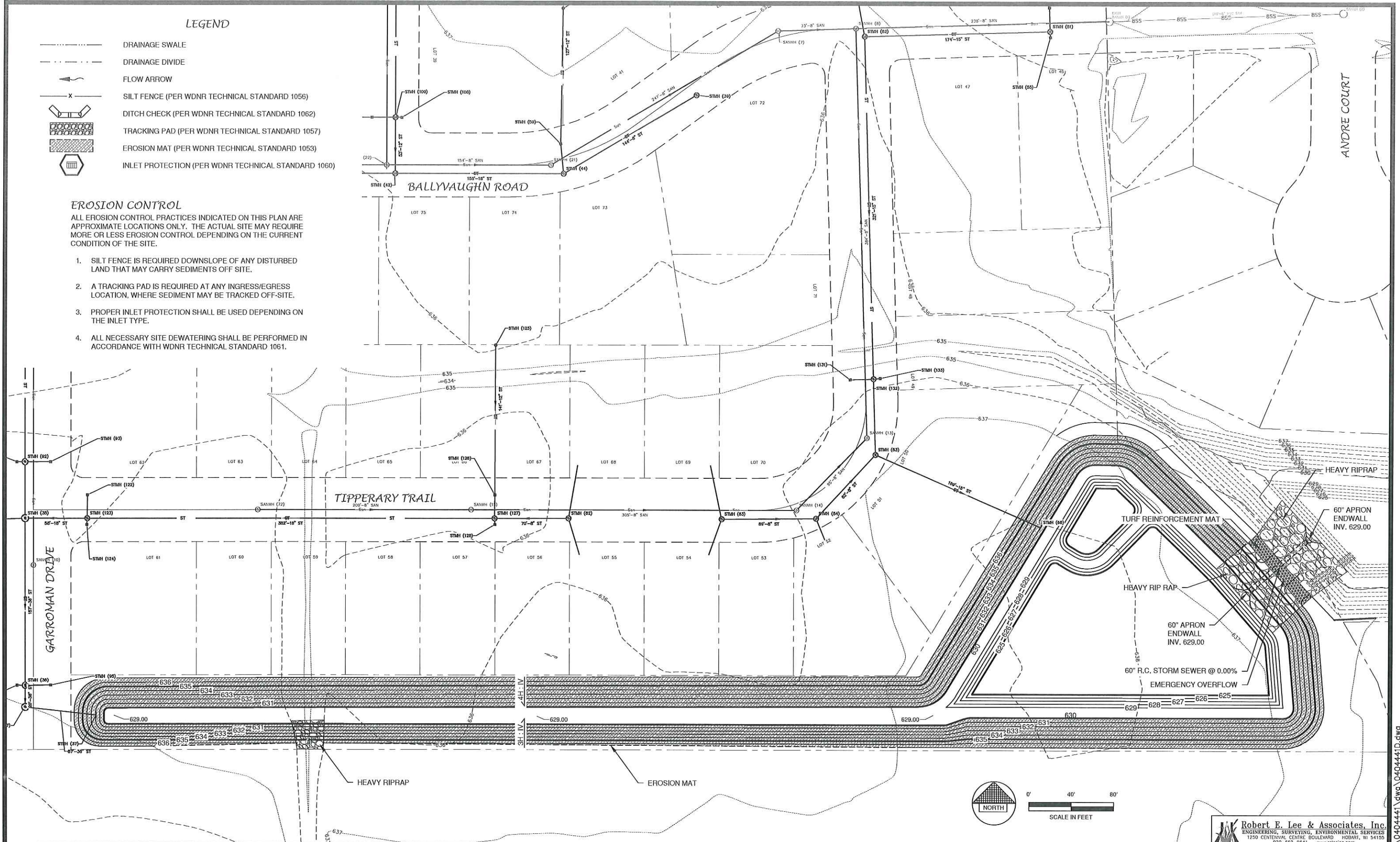
LEGEND

- DRAINAGE SWALE
- - - DRAINAGE DIVIDE
- FLOW ARROW
- X - SILT FENCE (PER WDNR TECHNICAL STANDARD 1056)
- [Symbol] DITCH CHECK (PER WDNR TECHNICAL STANDARD 1062)
- [Symbol] TRACKING PAD (PER WDNR TECHNICAL STANDARD 1057)
- [Symbol] EROSION MAT (PER WDNR TECHNICAL STANDARD 1053)
- [Symbol] INLET PROTECTION (PER WDNR TECHNICAL STANDARD 1060)

EROSION CONTROL

ALL EROSION CONTROL PRACTICES INDICATED ON THIS PLAN ARE APPROXIMATE LOCATIONS ONLY. THE ACTUAL SITE MAY REQUIRE MORE OR LESS EROSION CONTROL DEPENDING ON THE CURRENT CONDITION OF THE SITE.

1. SILT FENCE IS REQUIRED DOWNSLOPE OF ANY DISTURBED LAND THAT MAY CARRY SEDIMENTS OFF SITE.
2. A TRACKING PAD IS REQUIRED AT ANY INGRESS/EGRESS LOCATION, WHERE SEDIMENT MAY BE TRACKED OFF-SITE.
3. PROPER INLET PROTECTION SHALL BE USED DEPENDING ON THE INLET TYPE.
4. ALL NECESSARY SITE DEWATERING SHALL BE PERFORMED IN ACCORDANCE WITH WDNR TECHNICAL STANDARD 1061.



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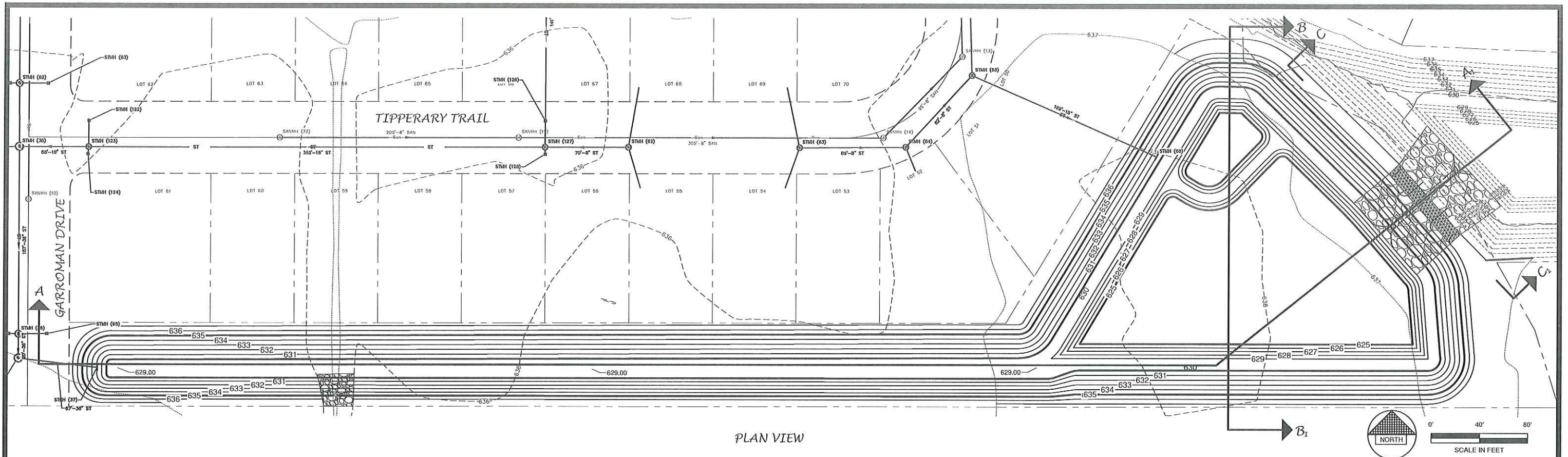
GARRITY'S GLEN POND EXPANSION SITE PLAN

NAME: GARRITY'S GLEN SOUTH
SUBDIVISION CONSTRUCTION
PROJECT # 19-11

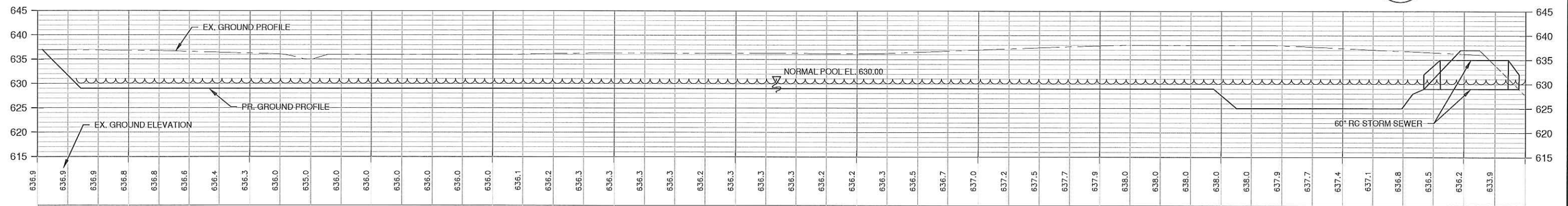
	BY	DATE	REVISIONS / ISSUES		PAGE NO.
			NO.	DATE	
SURVEYED	XXX	-			
DRAWN	LLP	05-2019			
DESIGNED	PHK	05-2019			
CHECKED	XXX	-			

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1250 CENTRAL AVENUE BOULVARD HOBBART, WI 54155
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C419

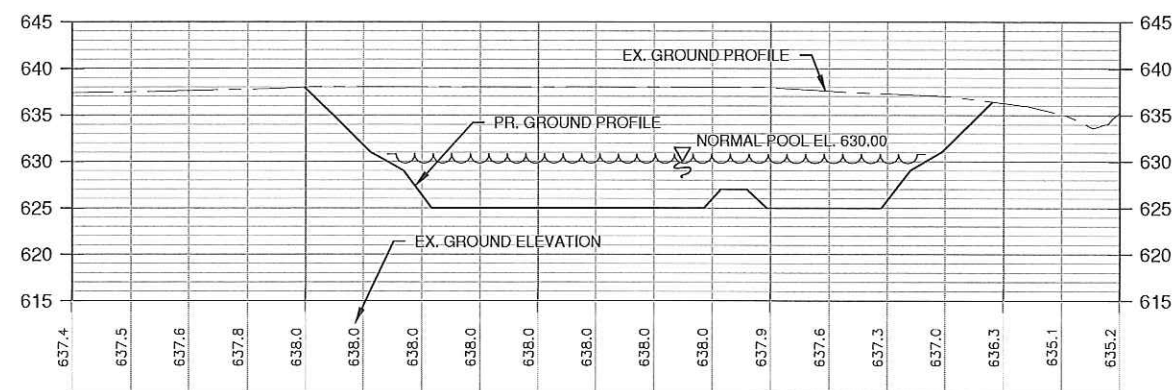


PLAN VIEW



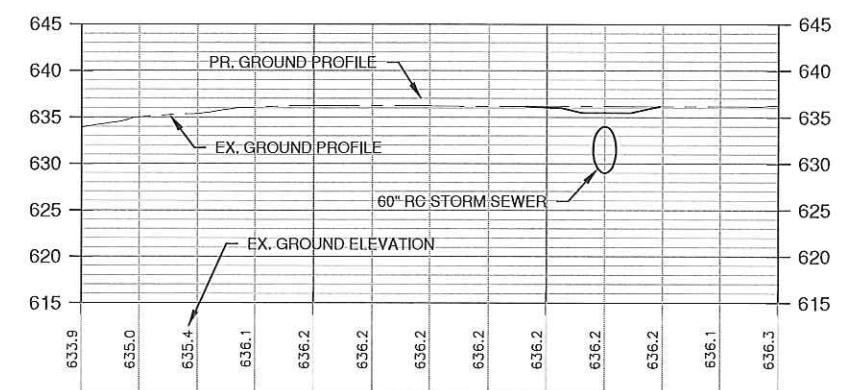
SECTION A-A₁

HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 10'



SECTION B-B₁

HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 10'



SECTION C-C₁

HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 10'



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**GARRITY'S GLEN POND EXPANSION
SECTIONS**

NAME:
GARRITY'S GLEN SOUTH
SUBDIVISION CONSTRUCTION
PROJECT # 19-11

	BY	DATE	REVISIONS / ISSUES			REMARKS
			NO.	DATE	BY	
SURVEYED	XXX	-				
DRAWN	LFP	05-2019				
DESIGNED	PHK	05-2019				
CHECKED	XXX	-				

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CITY OF DE PERE

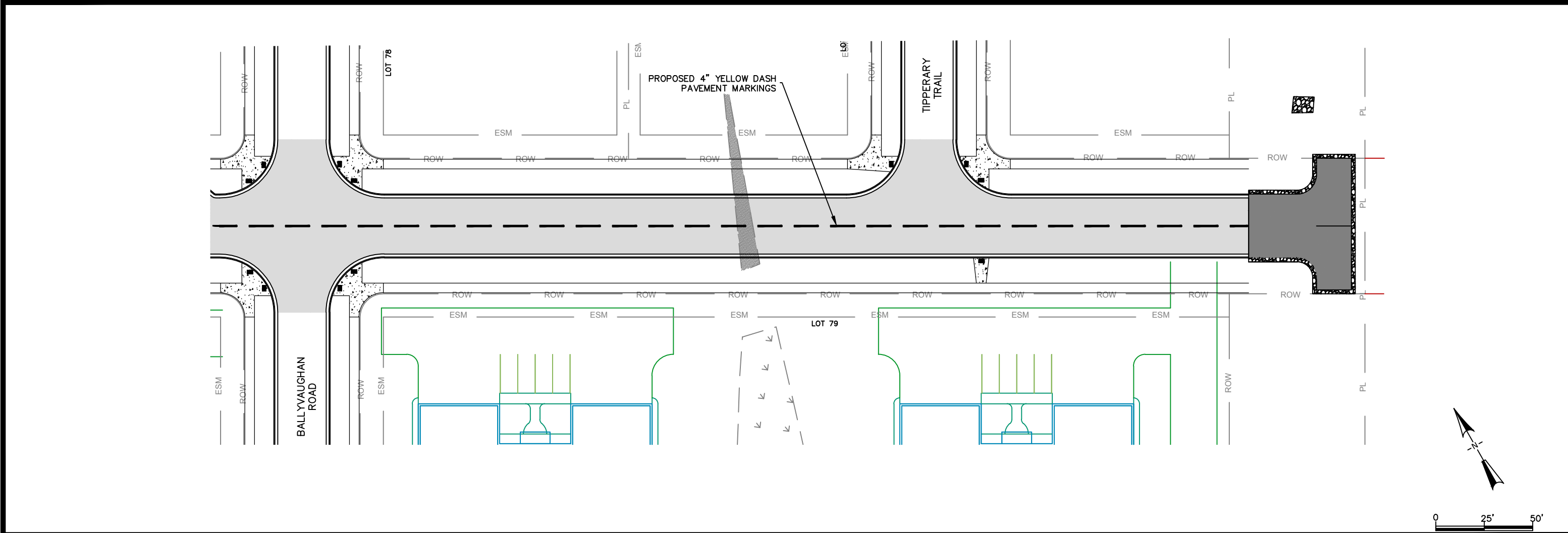
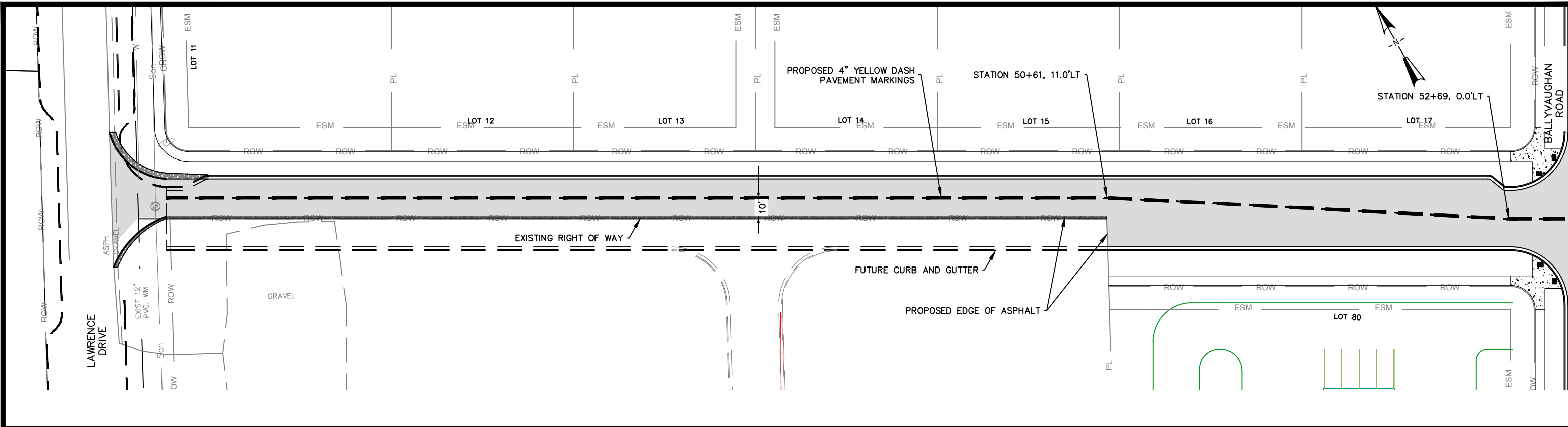
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OFFICE 920-339-4061 FAX 920-339-4071

**GARRITY'S GLEN SOUTH
POTENTIAL LOCATIONS FOR TRENCH SPOILS**

NAME: GARRITY'S GLEN SOUTH
SUBDIVISION CONSTRUCTION
PROJECT # 19-11

	BY	DATE
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REVISIONS / ISSUES			
NO.	DATE	BY	REMARKS



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**GARROMAN DRIVE
 PAVEMENT MARKINGS**

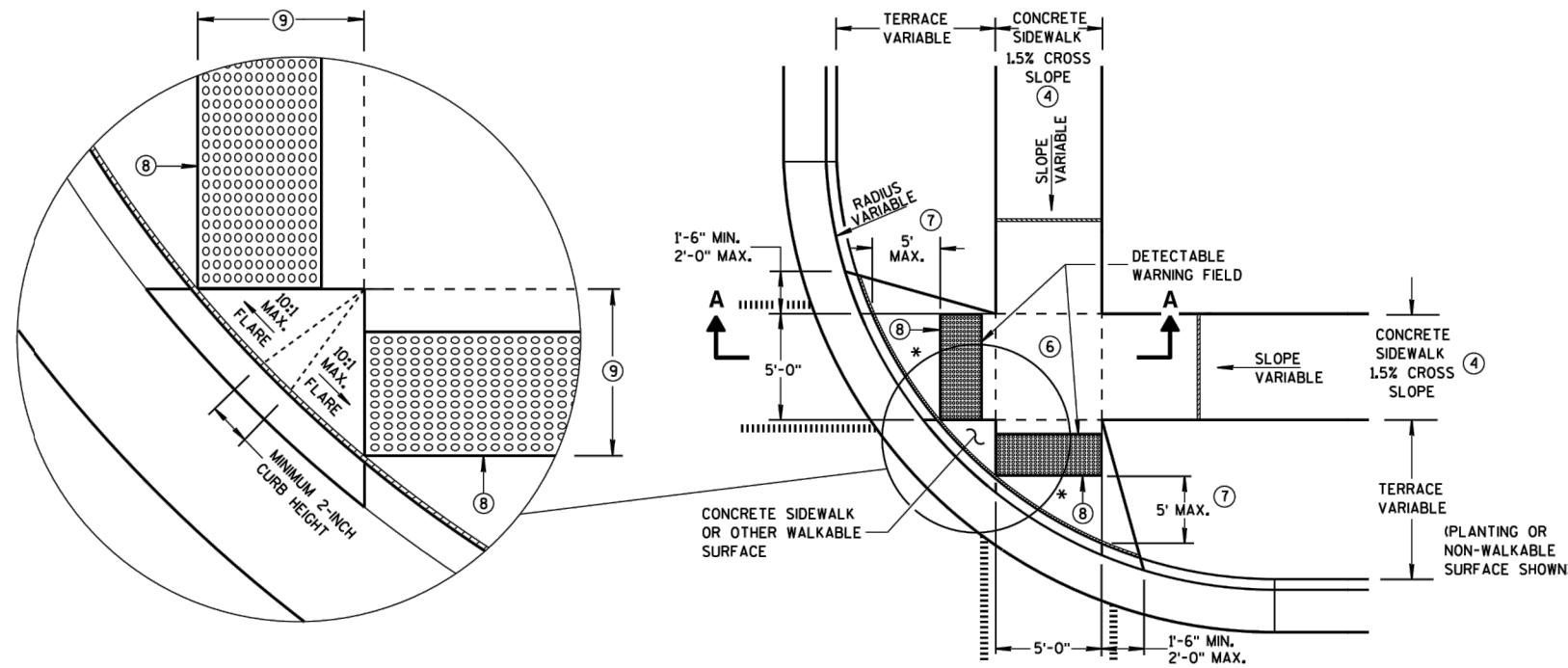
NAME:
 GARRITY'S GLEN SOUTH
 SUBDIVISION CONSTRUCTION
 PROJECT # 19-11

	BY	DATE
SURVEYED	MACH IV	9-2018
DRAWN	SRL	9-2019
DESIGNED	SRL	9-2019
CHECKED	EPR	9-2019

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NO.	DATE	BY	REMARKS

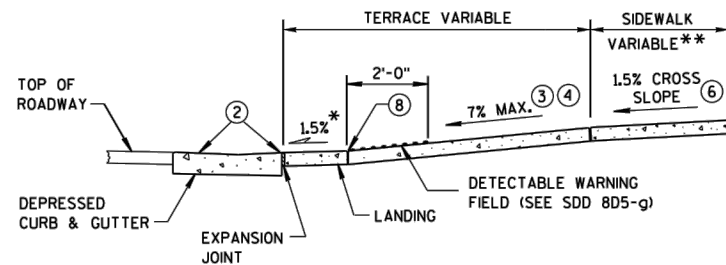
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SDD 8d5-b Curb Ramps Types 2 and 3



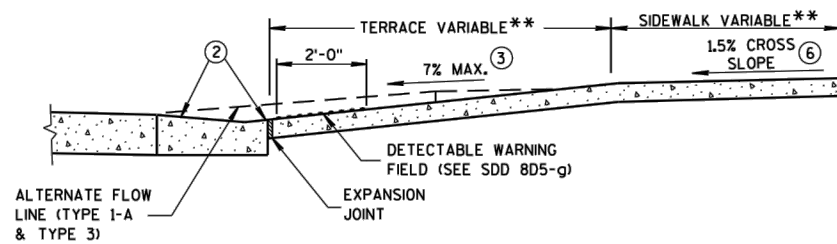
PLAN VIEW
TYPE 2 RAMP
(ON LINE WITH SIDEWALK)

* MAXIMUM 2.0% SLOPE
IN ALL DIRECTIONS IN
FRONT OF GRADE BREAK



SECTION A-A

** WIDTH SHOWN ELSEWHERE
IN THE PLANS



SECTION B-B

FOR INFORMATION ONLY. CONCRETE
RAMPS WILL BE INSTALLED BY OTHERS.

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

② GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN 1/4-INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

③ ABSOLUTE MAXIMUM 12H:1V (8.33%) CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.

④ ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

⑥ PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LANDING SIZE IS 5 FEET X 5 FEET.

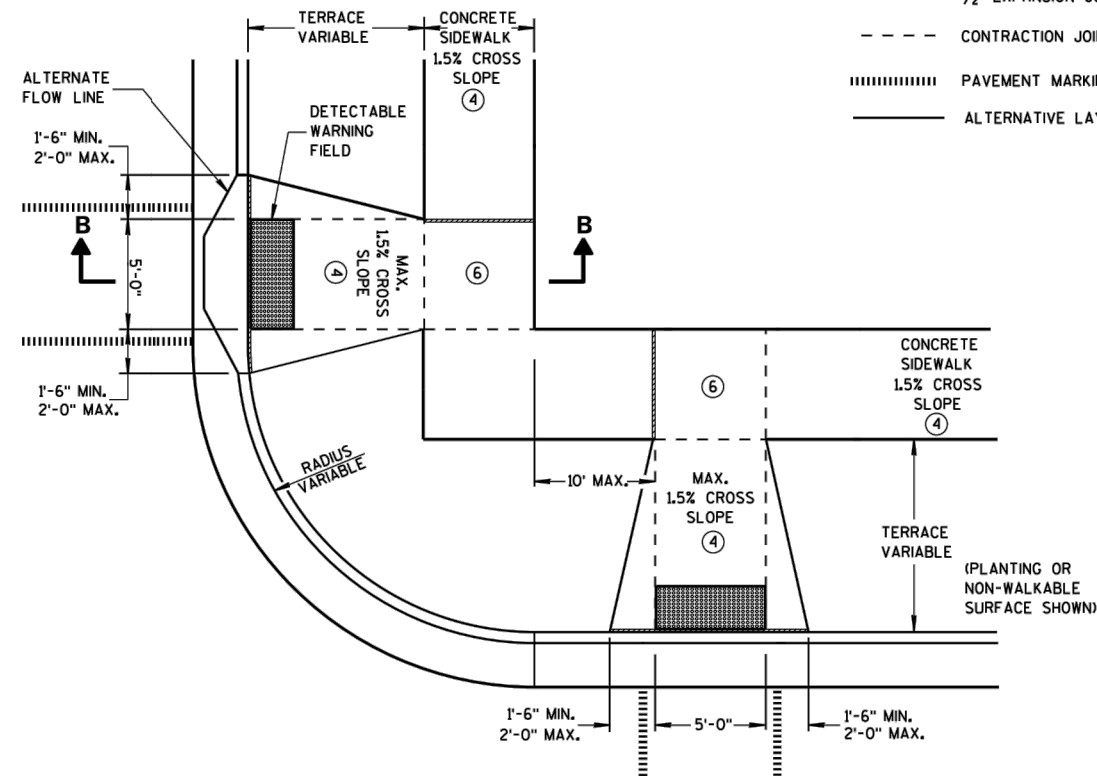
⑦ WHEN THIS GRADE BREAK DISTANCE EXCEEDS 5 FEET, USE RADIAL DETECTABLE WARNING FIELD PER SDD 8D5-f.

⑧ PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

⑨ WHEN THIS DISTANCE IS LESS THAN 6'-0", IT MAY BE DIFFICULT TO ACHIEVE A 7% SLOPE OR FLATTER ALONG THE RAMP. REDUCE CURB HEIGHT IN TRIANGLE AREA TO ACHIEVE 7% SLOPE OR FLATTER ON RAMP. CONSTRUCT 2-INCH MINIMUM CURB HEIGHT BETWEEN 10:1 FLARES.

LEGEND

- 1/2" EXPANSION JOINT-SIDEWALK
- CONTRACTION JOINT FIELD LOCATED
- PAVEMENT MARKING CROSSWALK (WHITE)
- ALTERNATIVE LAYOUT



PLAN VIEW
TYPE 3 RAMP
(OUTSIDE OF CROSSWALK AREA)

CURB RAMPS
TYPES 2 AND 3

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



CITY OF DE PERE

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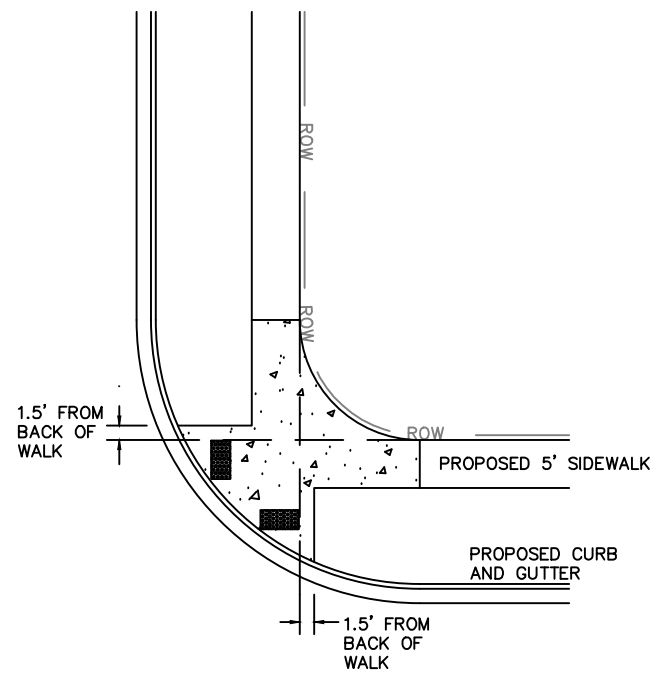
GARRITY'S GLEN SOUTH
CONSTRUCTION DETAILS

NAME:
GARRITY'S GLEN SOUTH
SUBDIVISION CONSTRUCTION
PROJECT # 19-11

BY DATE
SURVEYED MACH IV 8-2018
DRAWN SRL 5-2019
DESIGNED SRL 5-2019
CHECKED EPR 5-2019

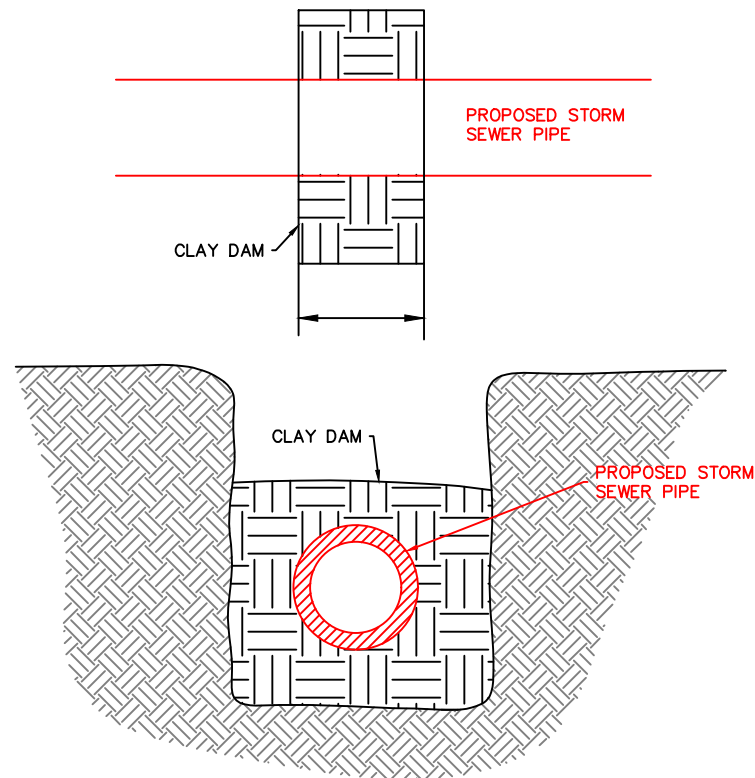
REVISIONS / ISSUES				PAGE NO.
NO.	DATE	BY	REMARKS	

C501



STANDARD CURB RAMP LAYOUT DETAIL
N.T.S.

FOR INFORMATION ONLY. CONCRETE
RAMPS WILL BE INSTALLED BY OTHERS.



CLAY DAM DETAIL
N.T.S.



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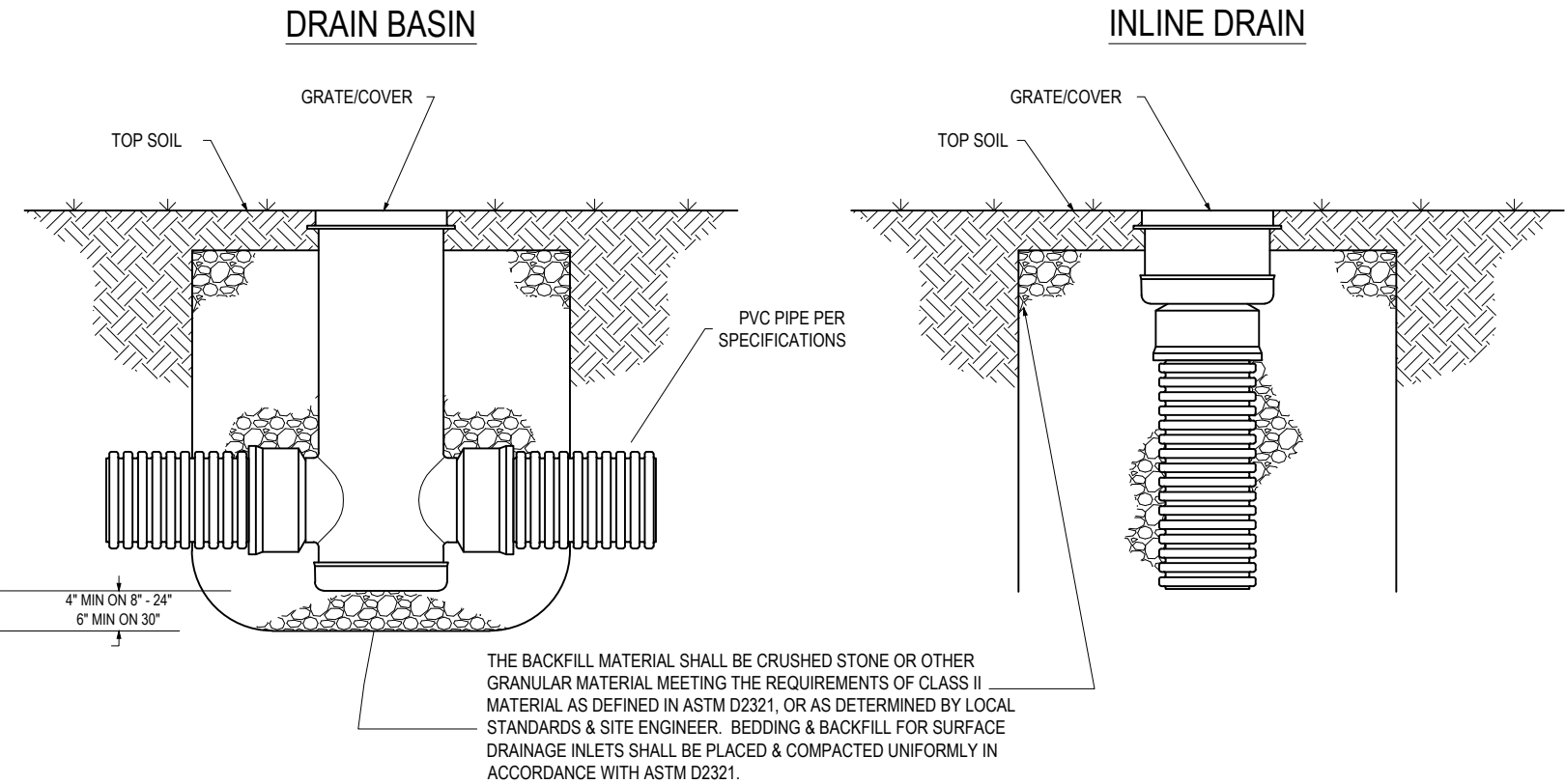
**GARRITY'S GLEN SOUTH
CONSTRUCTION DETAILS**

NAME:
GARRITY'S GLEN SOUTH
SUBDIVISION CONSTRUCTION
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DRAWN BY CJA
DATE 9-30-99
REVISED BY EBC
DATE 2-24-10
DWG SIZE A

MATERIAL
PROJECT NO./NAME
SCALE 1:25 SHEET 1 OF 1



3130 VERONA AVE
BUFORD, GA 30518
PHN (770) 932-2443
FAX (770) 932-2490
www.nyloplast-us.com

TITLE

DRAIN BASIN & INLINE DRAIN
NON TRAFFIC INSTALLATION

DWG NO. 7001-110-111 REV D



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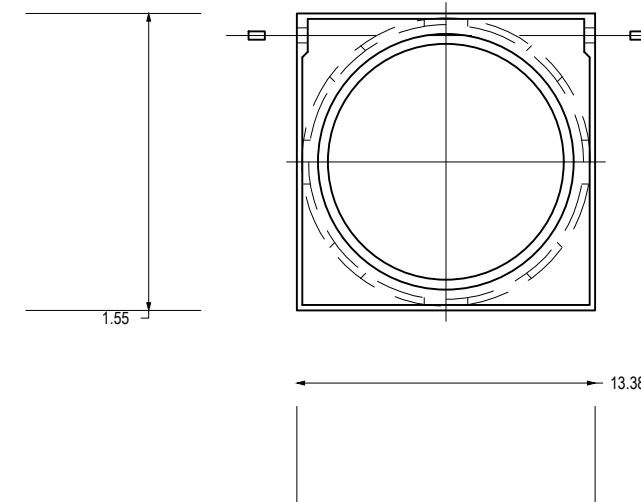
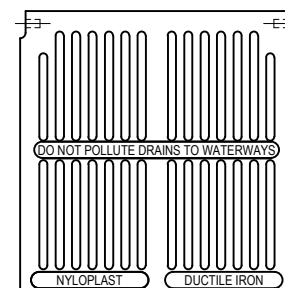
GARRITY'S GLEN SOUTH
CONSTRUCTION DETAILS

NAME:
GARRITY'S GLEN SOUTH
SUBDIVISION CONSTRUCTION
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	BY	DATE
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APPROX. DRAIN AREA = 50.60 SQ IN
APPROX. WEIGHT WITH FRAME = 35.04 LBS



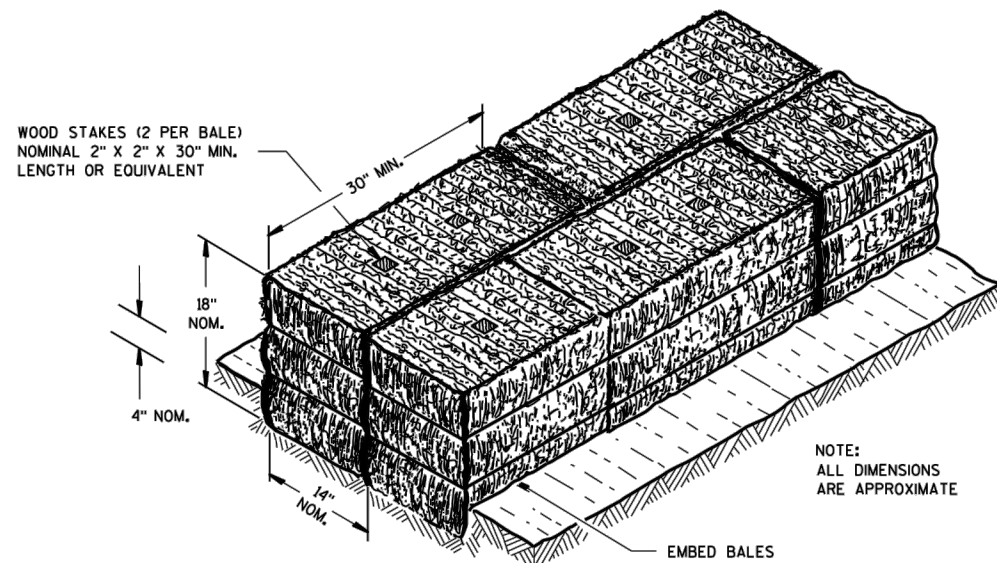
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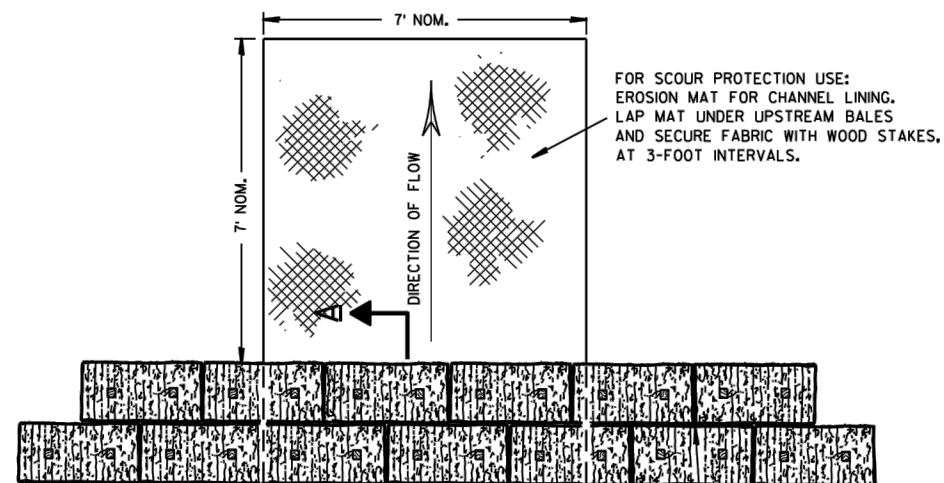
DRAWN BY	EBC	MATERIAL			 3130 VERONA AVE BUFORD, GA 30518 PHN (770) 932-2443 FAX (770) 932-2490 www.nyloplast-us.com			
DATE	3-3-06	DUCTILE IRON						
REVISED BY	EBC	PROJECT NO./NAME			TITLE			
DATE	3-13-10				12 IN PEDESTRIAN GRATE ASSEMBLY			
DWG SIZE	A	SCALE	1:8	SHEET	1 OF 1	DWG NO.	7001-110-202	REV C



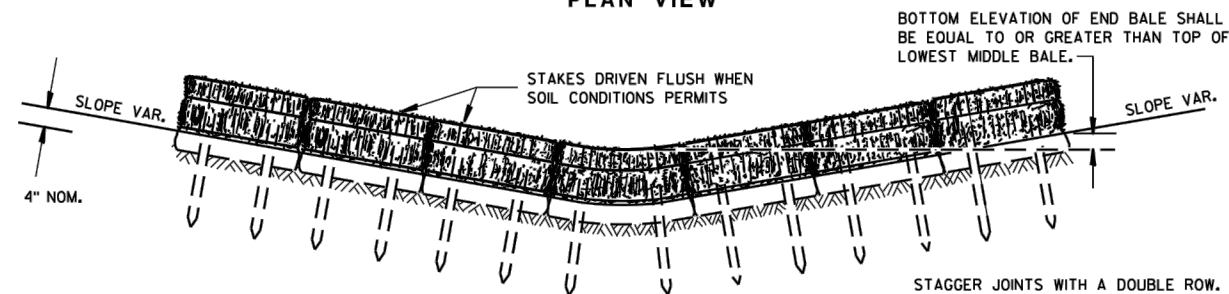
SDD 8e8 Typical Installations of Erosion Bales/Temporary Ditch Checks



SECTION A-A



PLAN VIEW



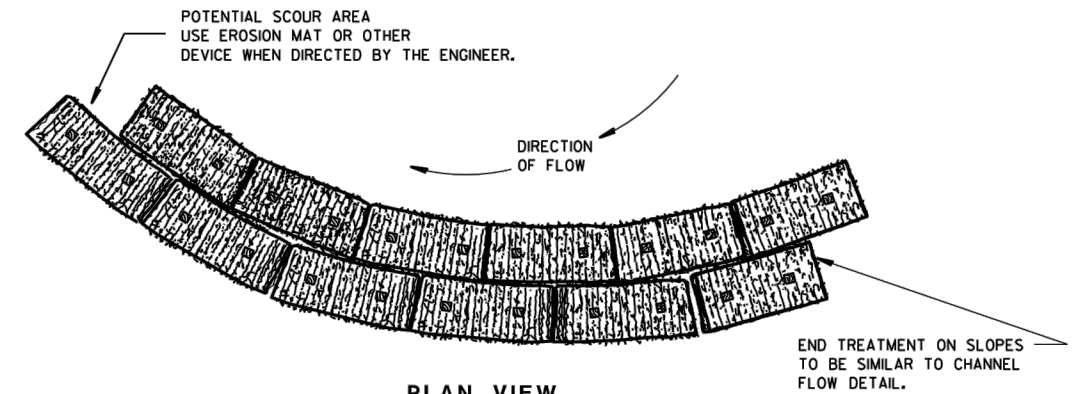
FRONT ELEVATION

TEMPORARY DITCH CHECK USING EROSION BALES ①

GENERAL NOTES

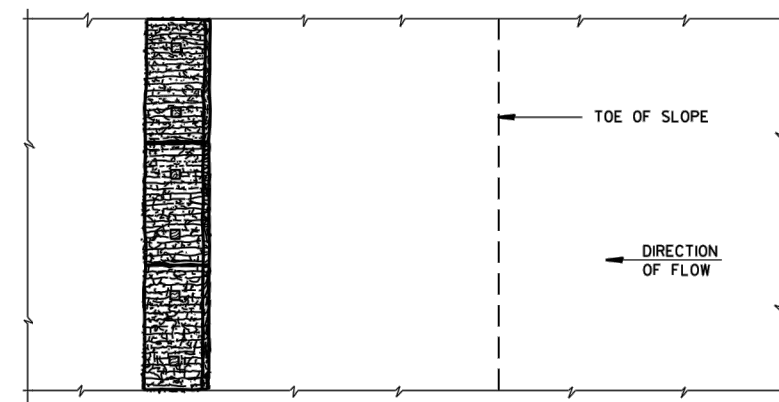
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

- ① TEMPORARY DITCH CHECKS EITHER EROSION BALES OR MANUFACTURED SHALL BE PAID FOR UNDER THE BID ITEM OF TEMPORARY DITCH CHECK. THE DEPARTMENT WILL NOT PAY FOR TEMPORARY DITCH CHECKS CONSTRUCTED OF A SINGLE ROW OF EROSION BALES.

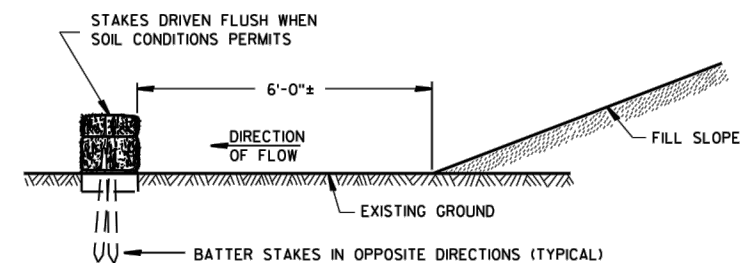


PLAN VIEW

WHEN ALTERING THE DIRECTION OF FLOW



PLAN VIEW



FRONT ELEVATION

WHEN EXISTING GROUND SLOPES AWAY FROM FILL SLOPE

EROSION BALES FOR SHEET FLOW

TYPICAL INSTALLATIONS OF EROSION BALES / TEMPORARY DITCH CHECKS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
6/04/02 /S/ Beth Canestra
DATE CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA



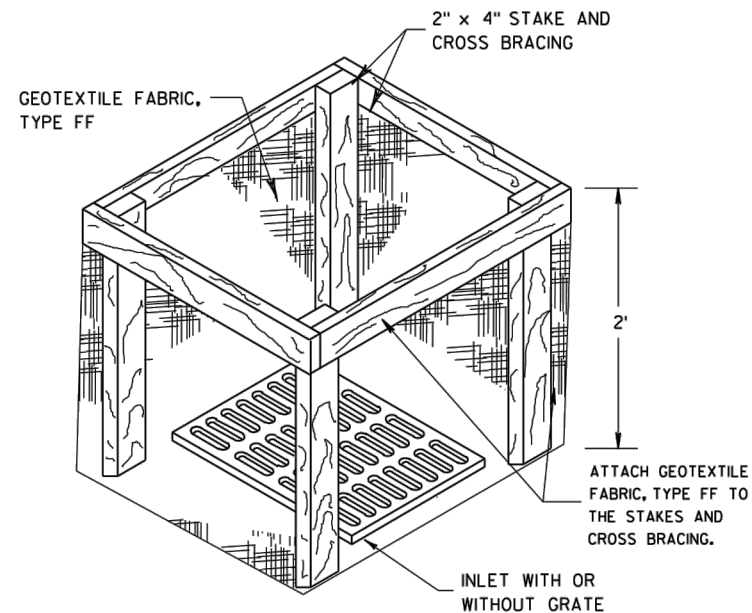
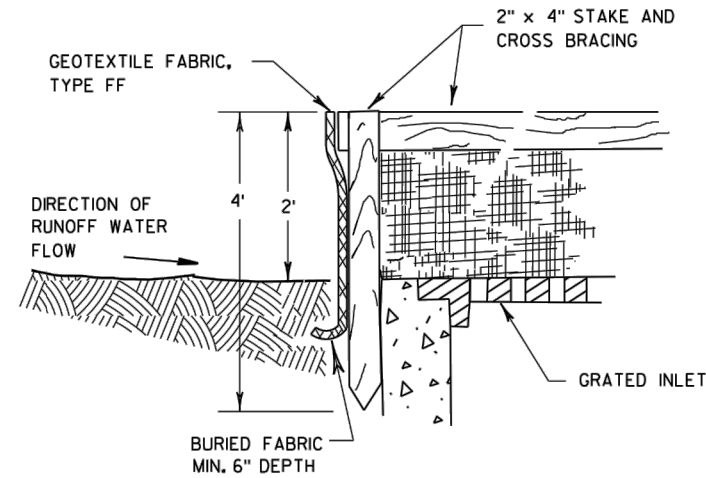
CITY OF DE PERE

ENGINEERING DIVISION 925 S. SIXTH ST DE PERE WI 54115
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GARRITY'S GLEN SOUTH CONSTRUCTION DETAILS

NAME:	BY	DATE	REVISIONS / ISSUES				PAGE NO.
			NO.	DATE	BY	REMARKS	
PROJECT # 19-11	GARRITY'S GLEN SOUTH SUBDIVISION CONSTRUCTION	8-2018					C506
	SURVEYED	MACH IV					
	DRAWN	SRL					
	DESIGNED	SRL					
	CHECKED	EPR					

 SDD 8e10 Inlet Protection Type A, B, C and D



INLET PROTECTION, TYPE A

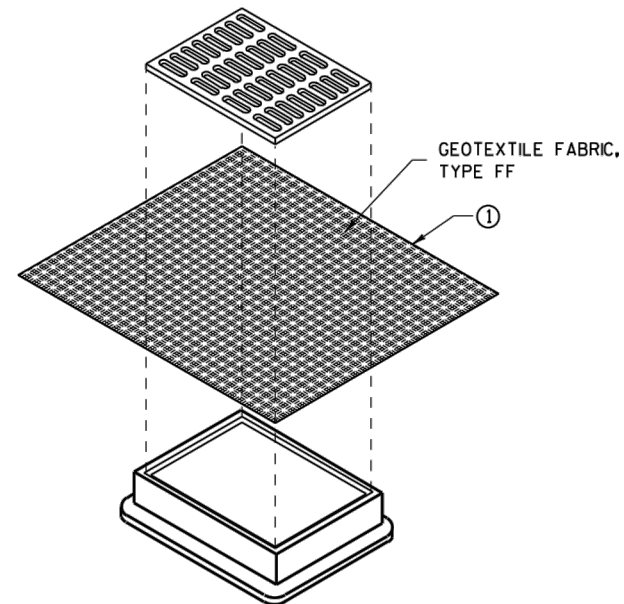
GENERAL NOTES

INLET PROTECTION DEVICES SHALL BE MAINTAINED OR REPLACED AT THE DIRECTION OF THE ENGINEER.

MANUFACTURED ALTERNATIVES APPROVED AND LISTED ON THE DEPARTMENT'S EROSION CONTROL PRODUCT ACCEPTABILITY LIST MAY BE SUBSTITUTED.

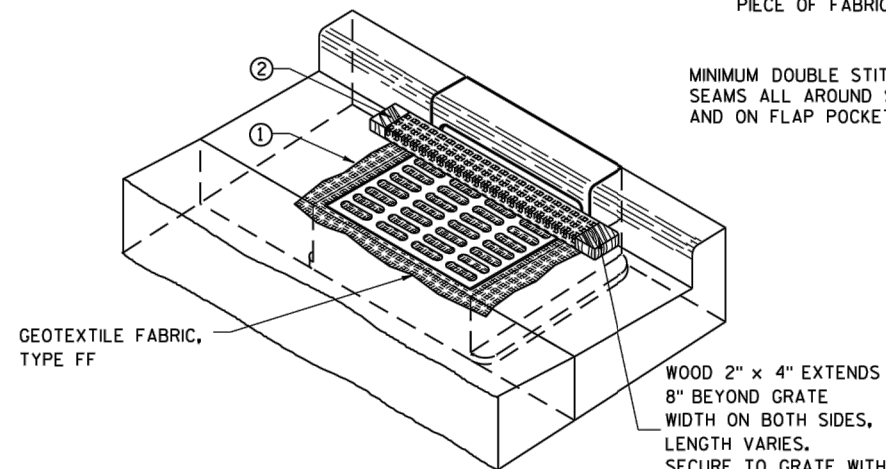
WHEN REMOVING OR MAINTAINING INLET PROTECTION, CARE SHALL BE TAKEN SO THAT THE SEDIMENT TRAPPED ON THE GEOTEXTILE FABRIC DOES NOT FALL INTO THE INLET. ANY MATERIAL FALLING INTO THE INLET SHALL BE REMOVED IMMEDIATELY.

- ① FINISHED SIZE, INCLUDING FLAP POCKETS WHERE REQUIRED, SHALL EXTEND A MINIMUM OF 10" AROUND THE PERIMETER TO FACILITATE MAINTENANCE OR REMOVAL.
- ② FOR INLET PROTECTION, TYPE C (WITH CURB BOX), AN ADDITIONAL 18" OF FABRIC IS WRAPPED AROUND THE WOOD AND SECURED WITH STAPLES. THE WOOD SHALL NOT BLOCK THE ENTIRE HEIGHT OF THE CURB BOX OPENING.
- ③ FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2X4.



**INLET PROTECTION, TYPE B
(WITHOUT CURB BOX)**

(CAN BE INSTALLED IN ANY INLET WITHOUT A CURB BOX)



INLET PROTECTION, TYPE C (WITH CURB BOX)

INSTALLATION NOTES

TYPE B & C

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

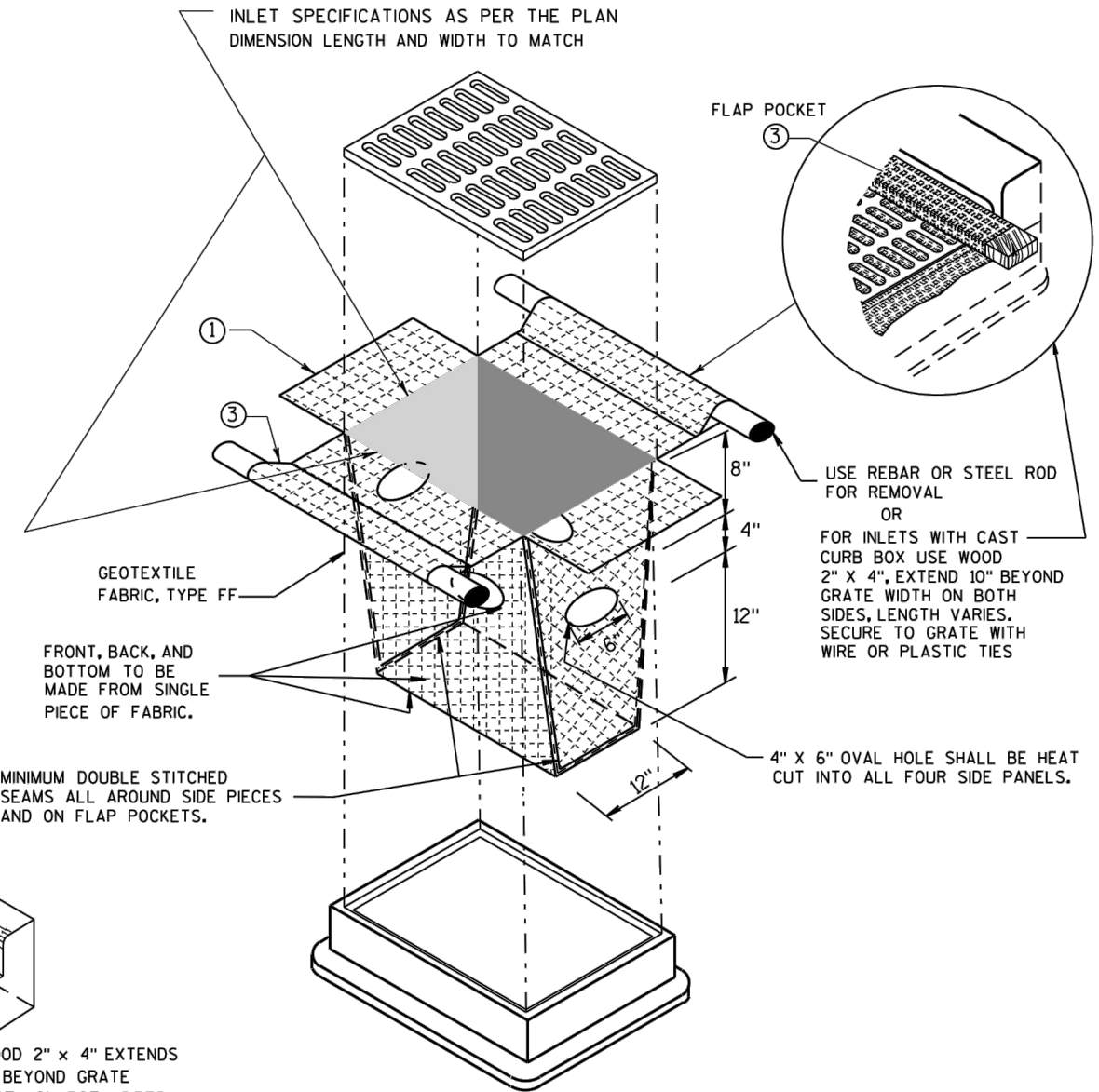
THE CONTRACTOR SHALL DEMONSTRATE A METHOD OF MAINTENANCE, USING A SEWN FLAP, HAND HOLDS OR OTHER METHOD TO PREVENT ACCUMULATED SEDIMENT FROM ENTERING THE INLET.

TYPE D

DO NOT INSTALL INLET PROTECTION TYPE D IN INLETS SHALLOWER THAN 30", MEASURED FROM THE BOTTOM OF THE INLET TO THE TOP OF THE GRATE.

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

THE INSTALLED BAG SHALL HAVE A MINIMUM SIDE CLEARANCE, BETWEEN THE INLET WALLS AND THE BAG, MEASURED AT THE BOTTOM OF THE OVERFLOW HOLES, OF 3". WHERE NECESSARY THE CONTRACTOR SHALL CINCH THE BAG, USING PLASTIC ZIP TIES, TO ACHIEVE THE 3" CLEARANCE. THE TIES SHALL BE PLACED AT A MAXIMUM OF 4" FROM THE BOTTOM OF THE BAG.



INLET PROTECTION, TYPE D

(CAN BE INSTALLED IN ANY INLET TYPE WITH OR WITHOUT A CURB BOX AS PER NOTE ②)

**INLET PROTECTION
TYPE A, B, C, AND D**

**STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION**

APPROVED
10-16-02 DATE /S/ Beth Canestra
DATE CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA



CITY OF DE PERE

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OFFICE 920-339-4061 FAX 920-339-4071

**GARRITY'S GLEN SOUTH
CONSTRUCTION DETAILS**

NAME:	BY	DATE	REVISIONS / ISSUES				PAGE NO.
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	DRAWN	SRL	5-2019				
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	CHECKED	EPR	5-2019				
PROJECT #	19-11						