

Madison, Wisconsin

CITY OF MADISON

CITY ENGINEERING DIVISION

DEPARTMENT OF PUBLIC WORKS

PLAN OF PROPOSED IMPROVEMENT

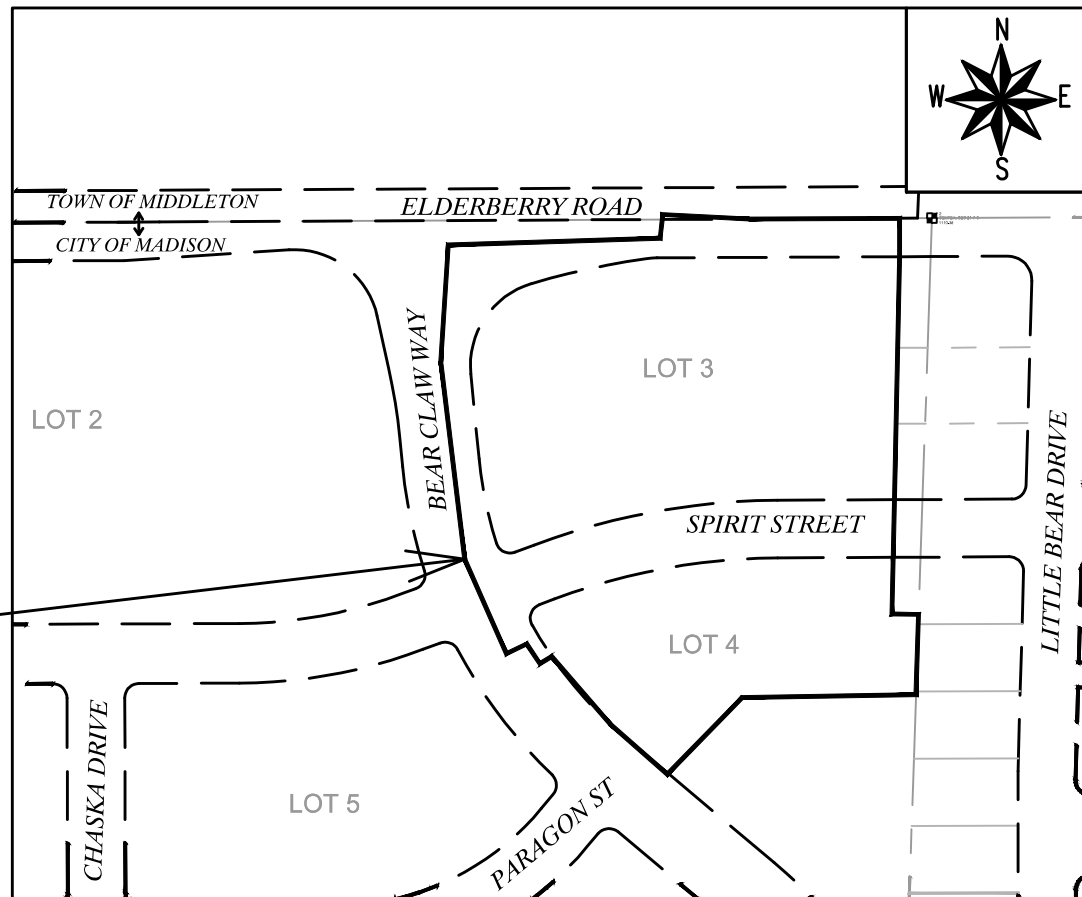
INDEX OF SHEETS

SHEET NO.	D1	STANDARD NOTES
SHEET NO.	D2-D3	TYPICAL SECTIONS
SHEET NO.	O1	OVERVIEW PLAN
SHEET NO.	P1-P3	STREET PLAN & PROFILES
SHEET NO.	U1-U2	UTILITY PLAN & PROFILE
SHEET NO.	U3	UTILITY PLAN - BEAR CLAY WAY
SHEET NO.	U4	SANITARY SEWER SCHEDULE
SHEET NO.	U4	STORM SEWER SCHEDULE
SHEET NO.	W1	WATER PLAN & PROFILE
SHEET NO.	W2	WATER IMPACT PLAN
SHEET NO.	W3	WATER ESTIMATES OF MATERIALS
SHEET NO.	PM1	PAVEMENT MARKING PLAN
SHEET NO.	L1	LANDSCAPING PLAN
SHEET NO.	X1-X7	CROSS SECTIONS
NO MAINTENANCE PLAN REQUIRED		

PARAGON PLACE ADDITION NO.1 - PHASE 3

CITY PROJECT NO. 15188
CONTRACT NO. 9523

PROJECT
LOCATION



PUBLIC IMPROVEMENT PROJECT
APPROVED

APPROVED DATE:
OCTOBER 29, 2024

BY THE COMMON COUNCIL
OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN
APPROVED BY:

 09/09/2025

City Engineer

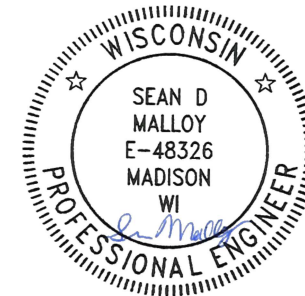
Date

STREET
DESIGNED BY:



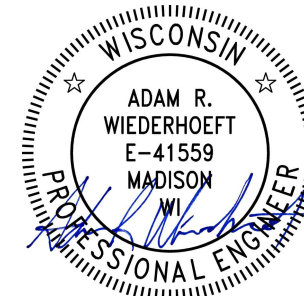
09/09/2025

GEOMETRICS & PAVEMENT
MARKING
DESIGNED BY:



09/08/2025

WATER
DESIGNED BY:



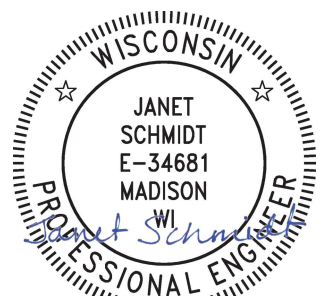
09/09/2025

SANITARY SEWER
DESIGNED BY:



09/09/2025

STORM SEWER
DESIGNED BY:



09/05/2025

PLOT SCALE: 1"=0' = 1"=0" XREF
PLOT NAME: ----
REV. DATE: 8/25/2025 5:33 PM

ORIGINATOR: CITY_OF_MADISON

ALL PROPOSED STREET TREE REMOVALS WITHIN THE RIGHT OF WAY SHALL BE REVIEWED BY CITY FORESTRY BEFORE THE PLAN COMMISSION MEETING. STREET TREE REMOVALS REQUIRE APPROVAL AND A TREE REMOVAL PERMIT ISSUED BY CITY FORESTRY. ANY STREET TREE REMOVALS REQUESTED AFTER THE DEVELOPMENT PLANS ARE APPROVED BY THE PLAN COMMISSION OR THE BOARD OF PUBLIC WORKS AND CITY FORESTRY WILL REQUIRE A MINIMUM OF A 72-HOUR REVIEW PERIOD WHICH SHALL INCLUDE THE NOTIFICATION OF THE ALDERPERSON WITHIN WHO'S DISTRICT IS AFFECTED BY THE STREET TREE REMOVAL(S) PRIOR TO A TREE REMOVAL PERMIT BEING ISSUED.

AS DEFINED BY SECTION 107.13 OF THE CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, LATEST EDITION: NO EXCAVATION IS PERMITTED WITHIN 5 FEET OF THE TRUNK OF THE STREET TREE OR WHEN CUTTING ROOTS OVER 3 INCHES IN DIAMETER. IF EXCAVATION IS NECESSARY, THE CONTRACTOR SHALL CONTACT MADISON CITY FORESTRY (266-4816) PRIOR TO EXCAVATION. CITY OF MADISON FORESTRY PERSONNEL SHALL ASSESS THE IMPACT TO THE TREE AND TO ITS ROOT SYSTEM PRIOR TO WORK COMMENCING. TREE PROTECTION SPECIFICATIONS CAN BE FOUND ON THE FOLLOWING WEBSITE:
www.cityofmadison.com/engineering/developers-contractors/standard-specifications

THE LOCATION AND INFORMATION FOR PROPOSED NEW TREES, IN THE PUBLIC RIGHT OF WAY OR ON PUBLIC LANDS ARE APPROXIMATE AND ARE SHOWN FOR REFERENCE ONLY. THE LOCATIONS, SPECIFICATIONS AND PLANTING METHODS OF ALL PROPOSED NEW OR REPLACEMENT TREES IN THE PUBLIC RIGHT OF WAY OR ON PUBLIC LANDS SHALL BE APPROVED BY THE CITY FORESTER PRIOR TO INSTALLATION.

NO TREES IN THE RIGHT OF WAY OR ON PUBLIC LANDS SHALL BE TRIMMED, PRUNED, REMOVED OR ADVERSELY AFFECTED IN ANY WAY UNTIL THE DEVELOPER HAS RECEIVED WRITTEN PERMISSION FROM THE CITY ENGINEER OR CITY FORESTER. SAID WRITTEN PERMISSION SHALL INCLUDE LANGUAGE INDICATING THAT SECTION 10.101 OF THE MADISON GENERAL ORDINANCES AND ADMINISTRATIVE PROCEDURE MEMORANDUM NO. 6-2, REFERRING TO NOTIFICATION OF PROPERTY OCCUPANTS AND/OR OWNERS, HAS BEEN COMPLIED WITH.

DEVELOPER MUST SUBMIT A TRAFFIC CONTROL PLAN TO CITY TRAFFIC ENGINEERING AT LEAST 14 DAYS PRIOR TO THE START OF WORK. WORK SHALL NOT PROCEED UNTIL AN APPROVED TRAFFIC CONTROL PLAN IS IN PLACE.

CONTACT THE PROJECT ENGINEER AND DESIGNER, IKE OKAFOR, AT IOKAFOR@CITYOFMADISON.COM FOR CAD FILES AND ALIGNMENT DATA PRIOR TO STAKING.

CONTACT THE CITY CONSTRUCTION ENGINEER, KYLE FRANK, AT KFRANK@CITYOFMADISON.COM FOR PRECONSTRUCTION SCHEDULING, COORDINATION, AND INSPECTION.

CONVENTIONAL SIGNS
FIELD VERIFY ALL UTILITY LOCATIONS

- GAS

STORM SEWER

SANITARY SEWER

WATER

BURIED ELECTRIC

OVERHEAD ELECTRIC

POWER POLE

ADA COMPLIANT RAMP W/
DETECTABLE WARNING FIELD

COMBUSTIBLE FLUIDS
- G ——

—— ST ——

—— SAN ——

—— W ——

—— E ——

—— OH ——







ALL PAVEMENT IN THE ELDERBERRY ROAD RIGHTS-OF-WAY SHALL BE TYPE C PAVEMENT PER STANDARD DETAIL DRAWING 4.02.

ALL PAVEMENT IN THE SPIRIT STREET RIGHTS-OF-WAY SHALL BE TYPE A PAVEMENT PER STANDARD DETAIL DRAWING 4.02.

UNDERDRAINS SHALL BE INSTALLED PER STANDARD DETAIL DRAWING 4.05 FOR 75' ON EACH SIDE OF THE LOW POINT, OR TO THE NEAREST CURB HIGH POINT. ALL UNDERDRAIN SHALL BE WRAPPED.

ALL GUTTERS SHALL DRAIN WITH A MINIMUM GRADE OF 0.5% TOWARD STORM SEWER INLETS.

ALL DITCHES SHALL DRAIN WITH A MINIMUM GRADE OF 0.5%

THE CROSS SLOPE OF SIDEWALKS AND BARRIER FREE SIDEWALK CURB RAMPS SHALL TYPICALLY BE 1.5%. THE LONGITUDINAL GRADE OF BARRIER FREE SIDEWALK CURB RAMPS SHALL NOT EXCEED 8.33%. ALL SIDEWALK RAMPS SHALL BE CONSTRUCTED ACCORDING TO S.D.D. 3.04. AT ALL OTHER LOCATIONS THE LONGITUDINAL GRADE OF SIDEWALKS SHALL NOT EXCEED 5.0 % OR THE ADJACENT STREET GRADE WHICHEVER IS GREATER NOR BE LESS THAN 0.5% AND SHALL DRAIN TOWARD STORM SEWER INLETS. SIDE SLOPES WITHIN TEN FEET OF A PUBLIC SIDEWALK SHALL NOT EXCEED 4:1. ALL SIDEWALK AND SIDEWALK RAMP ELEVATIONS AND GRADES SHALL BE FIELD VERIFIED AND SET TO COMPLY WITH THE CITY OF MADISON STANDARD SPECIFICATIONS AND THE A.D.A. GUIDELINES.

CURB STATION AND OFFSETS SHALL BE TO THE EDGE OF PAVEMENT UNLESS OTHERWISE INDICATED. CURB ELEVATIONS SHALL BE TO THE EDGE OF PAVEMENT UNLESS OTHERWISE INDICATED.

POWER POLES AND OTHER OBSTRUCTIONS SHALL BE MOVED TO PROVIDE 2 FEET MINIMUM OF CLEAR DISTANCE FROM ANY FACE OF CURB OR EDGE OF SIDEWALK UNLESS OTHERWISE INDICATED ON THE PLANS.

ANY INFORMATION SHOWN ON THIS PLAN, WHICH IS NOT PART OF THIS RIGHT-OF-WAY PROJECT, IS PRELIMINARY AND NOT FOR CONSTRUCTION.

THERE MAY BE EXISTING UTILITIES OR OTHER FEATURES WHICH ARE EITHER NOT SHOWN OR SHOWN INCORRECTLY ON THIS PLAN. IT IS THE RESPONSIBILITY OF THE DEVELOPER TO LOCATE AND IDENTIFY ALL UTILITIES AND TOPOGRAPHY WHICH MAY AFFECT THE CONSTRUCTION OF THESE IMPROVEMENTS.

ALL PERMANENT SIGNING AND POSTING WILL BE DETERMINED AND PROVIDED BY THE TRAFFIC ENGINEERING DIVISION, FOLLOWING CONSTRUCTION OF THESE IMPROVEMENTS.

THE DEVELOPER SHALL PROVIDE, INSTALL AND MAINTAIN ALL STREET END BARRICADES, SIGNING AND TRAFFIC CONTROL, AS REQUIRED BY THE CITY TRAFFIC ENGINEER.

PAVEMENT SAWCUTS SHALL BE AS DIRECTED BY THE CITY CONSTRUCTION ENGINEER. SAWCUTS SHOWN ON THE PLAN ARE APPROXIMATE.

CURB ON CUL DE SACS SHALL BE INSTALLED ACCORDING TO S.D.D 3.05.

ALL WORK IN THE RIGHT OF WAY AND PUBLIC EASEMENTS SHALL BE IN ACCORDANCE WITH THE CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, LATEST EDITION.

ALL PROPOSED IMPROVEMENTS IN THE RIGHT-OF-WAY ARE BASED ON SURVEY DATA PROVIDED BY THE DEVELOPER OR ITS CONSULTANT. IN THE CASE THAT THE PROPOSED IMPROVEMENTS CAN NOT BE INSTALLED PER THESE PLANS OR THE CITY OF MADISON STANDARD SPECIFICATION FOR PUBLIC WORKS CONSTRUCTION, LATEST EDITION, THE DEVELOPER SHALL BE RESPONSIBLE FOR THE COST OF EXTRA WORK DUE TO INACCURACIES OF THE SURVEY.

ALL UTILITY VERIFICATIONS AND ACCURACY OF THE DRAWINGS ARE THE RESPONSIBILITY OF THE DEVELOPER. ANY CONFLICTS THAT ARISE FROM MISSING OR ERRONEOUS INFORMATION WILL BE AT THE EXPENSE OF THE DEVELOPER. NO PRECAST STRUCTURES WILL BE APPROVED FOR STORM OR SANITARY SEWER UNTIL ALL POTENTIAL UTILITY CONFLICTS ARE RESOLVED.

IN LOCATIONS WHERE PAVEMENT RESTORATION IS NOT IDENTIFIED ADJACENT TO CURB AND GUTTER REPLACEMENT, IT IS ASSUMED THAT CURB AND GUTTER WILL BE REPLACED WITHOUT DAMAGING ADJACENT PAVEMENT. IF DAMAGED, THE MILL AND OVERLAY LIMITS SHALL BE EXTENDED BY THE CITY CONSTRUCTION ENGINEER AS NECESSARY TO MEET THE STANDARD PATCHING CRITERIA.

15188

MADISON, WI

9523

15188

15188

15188

D-1

STANDARD NOTES

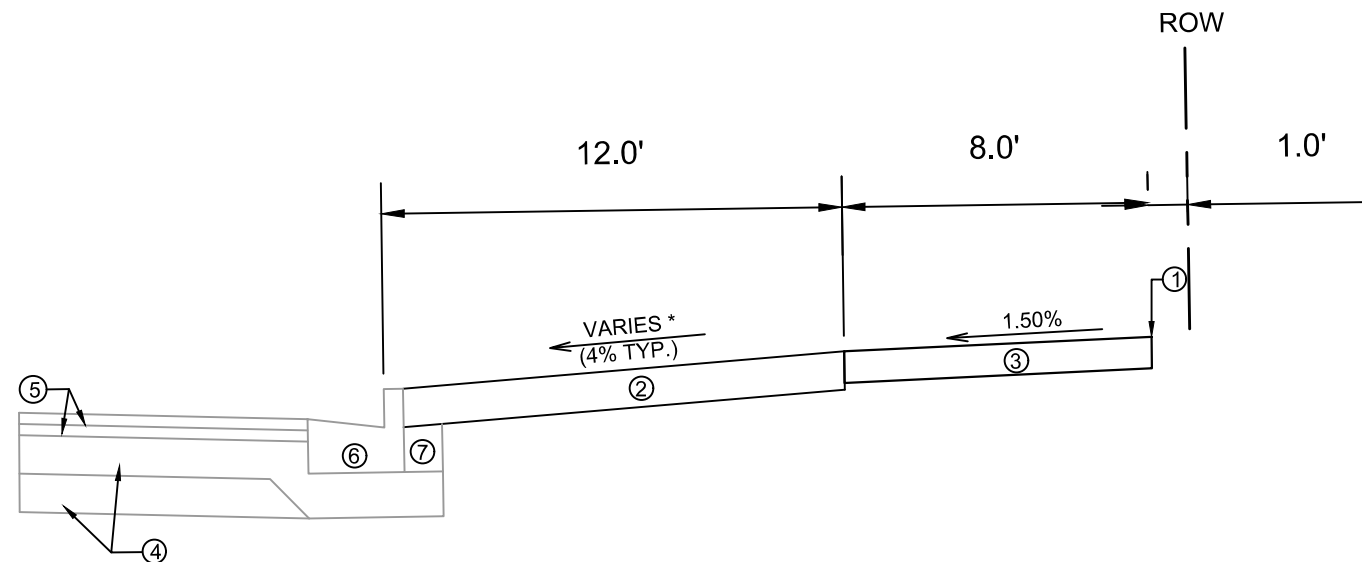
PARAGON PLACE ADDITION NO.1 - PHASE 3

M:\DESIGN\Projects\15188\CAD\Streets\15188EN-Details.dwg



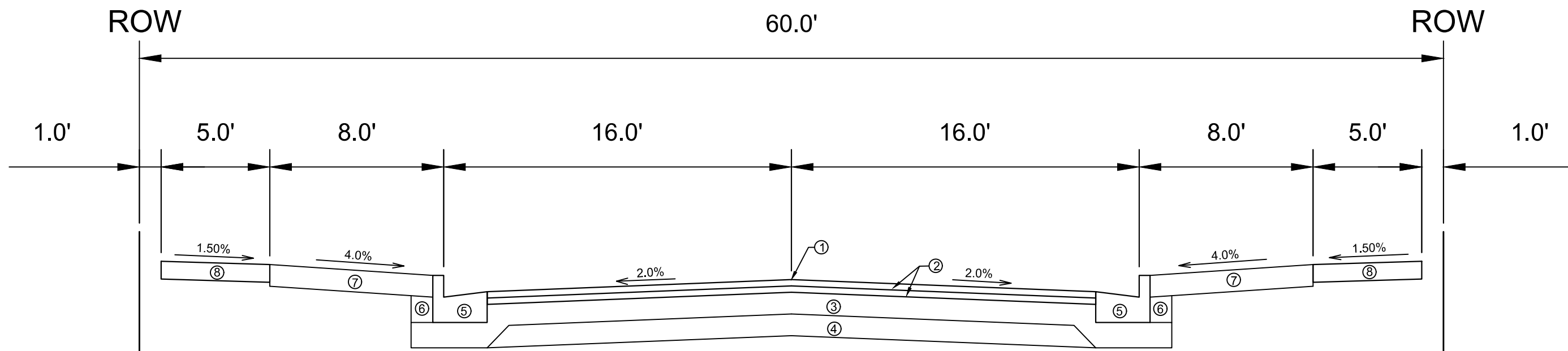
15188

D-1



**TYPICAL SECTION
BEAR CLAW WAY**
STA 70+00 TO STA 73+25

- ① POINT REFERRED TO ON PROFILE
- ② 6" TOPSOIL, SEED AND MATTING
- ③ 5" CONCRETE SIDEWALK
- ④ EXISTING CRUSHED AGGREGATE BASE TO REMAIN
- ⑤ EXISTING H.M.A PAVEMENT TO REMAIN
- ⑥ EXISTING CURB AND GUTTER TYPE 'A' TO REMAIN
- ⑦ FILL



**TYPICAL SECTION
SPIRIT STREET**

- ① POINT REFERRED TO ON PROFILE
- ② 1.75" H.M.A. PAVEMENT- TYPE 4 LT 58-28 S
- ③ 6" CRUSHED AGGREGATE BASE COURSE GRADATION 2
- ④ 6" CRUSHED AGGREGATE BASE COURSE GRADATION 1
- ⑤ CONCRETE CURB AND GUTTER TYPE 'A'.
- ⑥ FILL
- ⑦ 6" TOPSOIL, SEED AND MATTING
- ⑧ 5" CONCRETE SIDEWALK

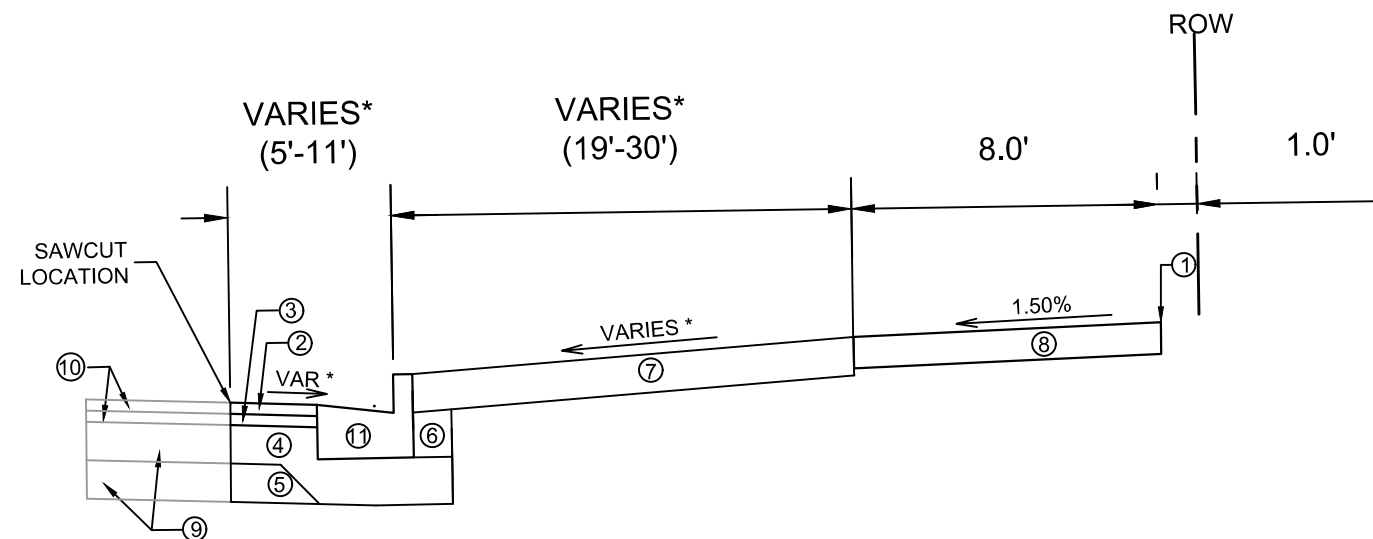
SPECIAL NOTES:

*SEE P & X SHEETS FOR CROSS SLOPES

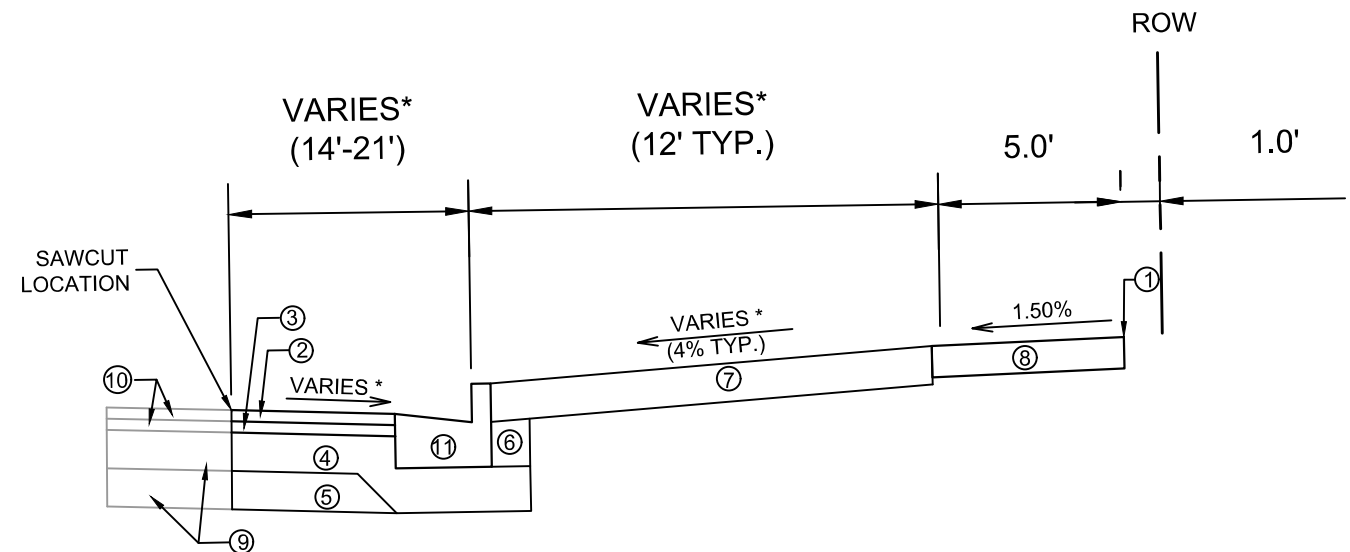
DATE	BY
8/25/2025 5:31 PM	15188
REVISION	Scale:
15188	D-2

15188	MADISON, WI	9523
15188	CONTRACT NO:	9523
15188	PARAGON PLACE ADDITION NO.1 - PHASE 3	15188
15188	M:\DESIGN\Projects\15188\CAD\Streets\15188EN-Details.dwg	15188

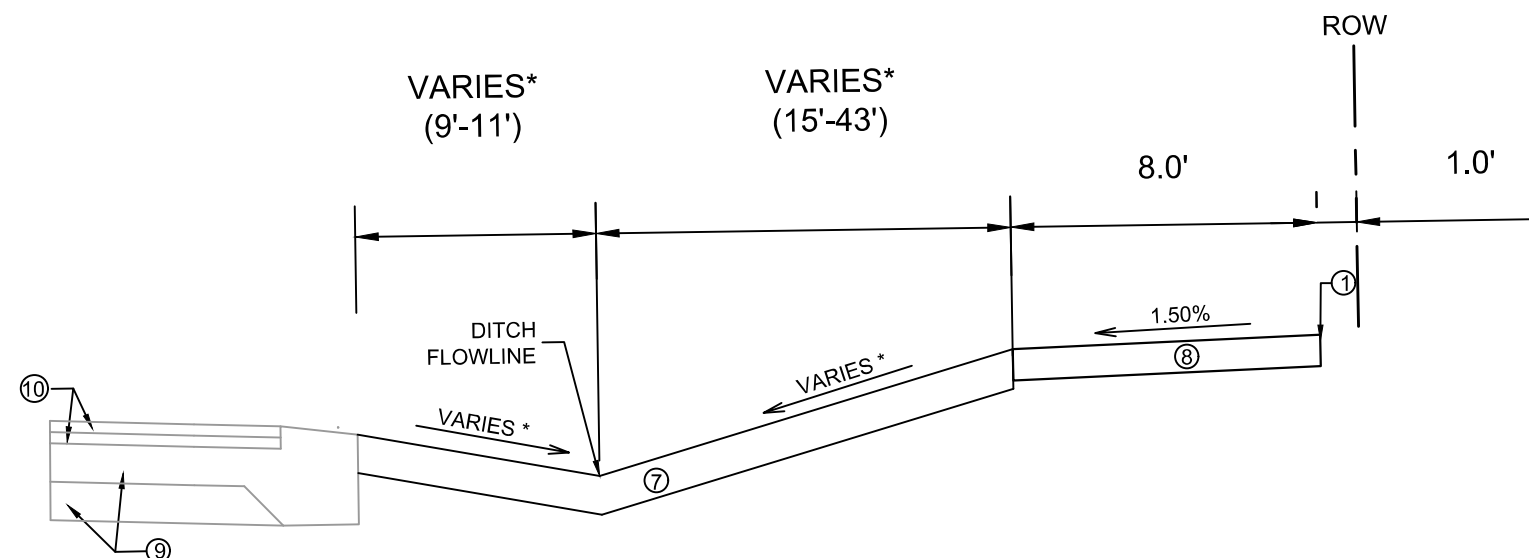




**TYPICAL SECTION
ELDERBERRY ROAD**
STA 74+70 TO STA 75+30



**TYPICAL SECTION
ELDERBERRY ROAD**
STA 75+30 TO STA 77+16



**TYPICAL SECTION
ELDERBERRY ROAD**
STA 73+25 TO STA 74+70

- ① POINT REFERRED TO ON PROFILE
- ② 2.0" H.M.A. PAVEMENT- TYPE 4 MT 58-28 S
- ③ 3.5" H.M.A. PAVEMENT- TYPE 3 MT 58-28 S
- ④ 6" CRUSHED AGGREGATE BASE COURSE GRADATION 2
- ⑤ 6" CRUSHED AGGREGATE BASE COURSE GRADATION 1
- ⑥ FILL
- ⑦ 6" TOPSOIL, SEED AND MATTING
- ⑧ 5" CONCRETE SIDEWALK
- ⑨ EXISTING CRUSHED AGGREGATE BASE TO REMAIN
- ⑩ EXISTING H.M.A PAVEMENT TO REMAIN
- ⑪ CONCRETE CURB AND GUTTER TYPE 'A'

SPECIAL NOTES:

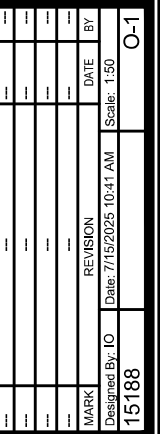
*SEE P & X SHEETS FOR CROSS SLOPES

MARK		REVISION		DATE	BY
15188	15188	15188	15188	15188	15188
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	
15188		15188		15188	

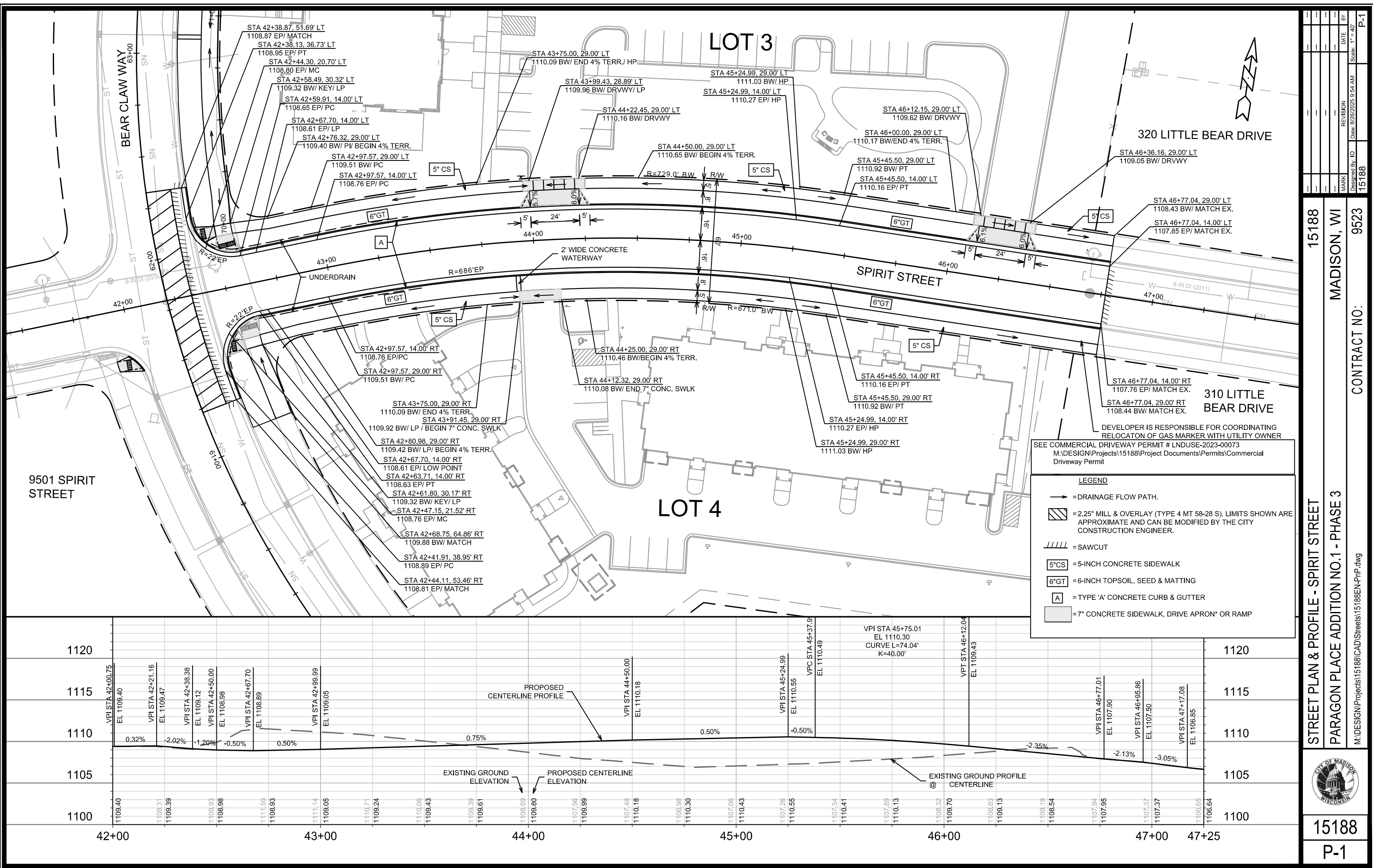
15188	MADISON, WI	9523
15188	CONTRACT NO:	
15188	PARAGON PLACE ADDITION NO.1 - PHASE 3	
15188	M:\DESIGN\Projects\15188\CAD\Streets\15188EN-Details.dwg	

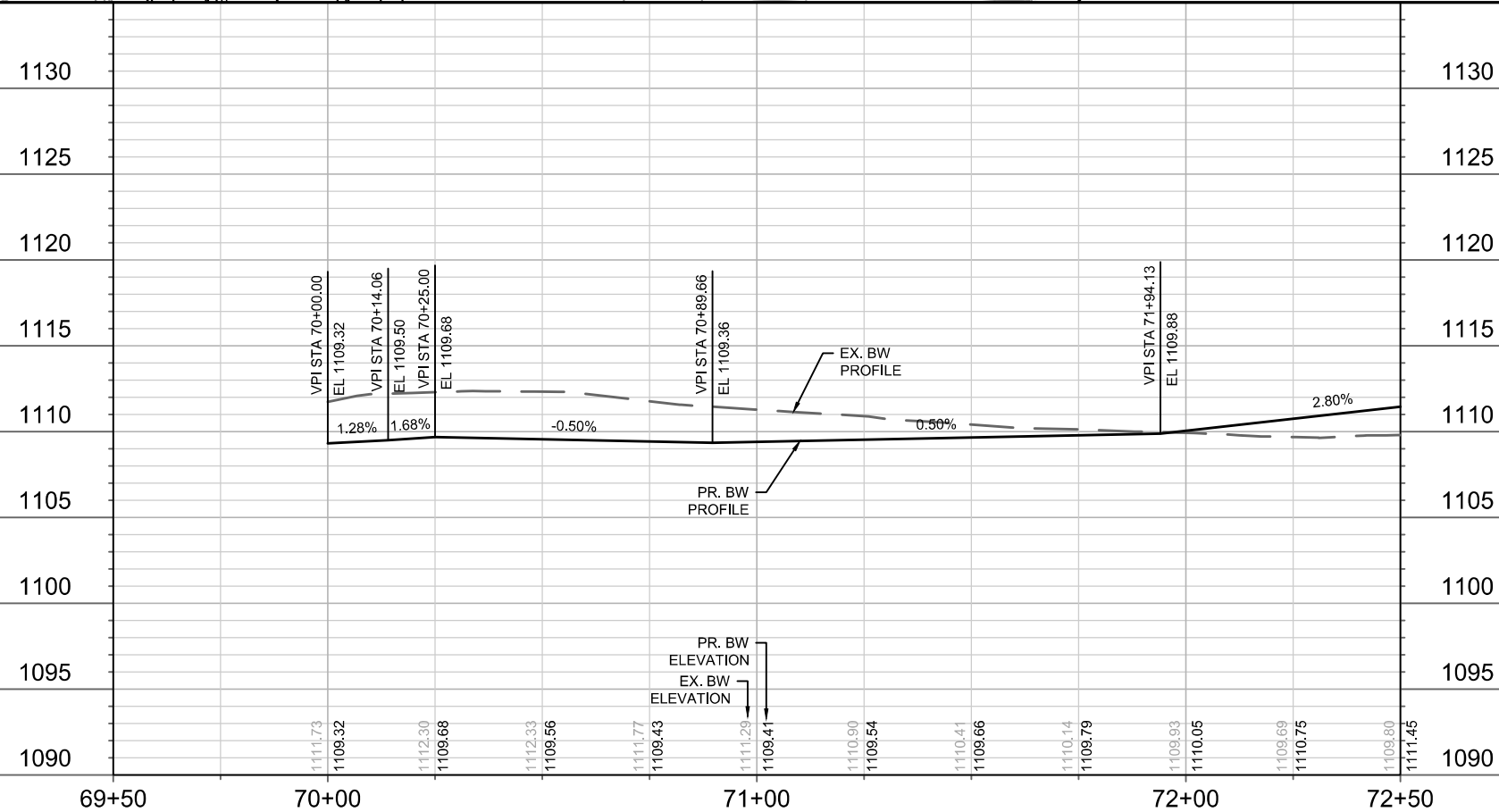
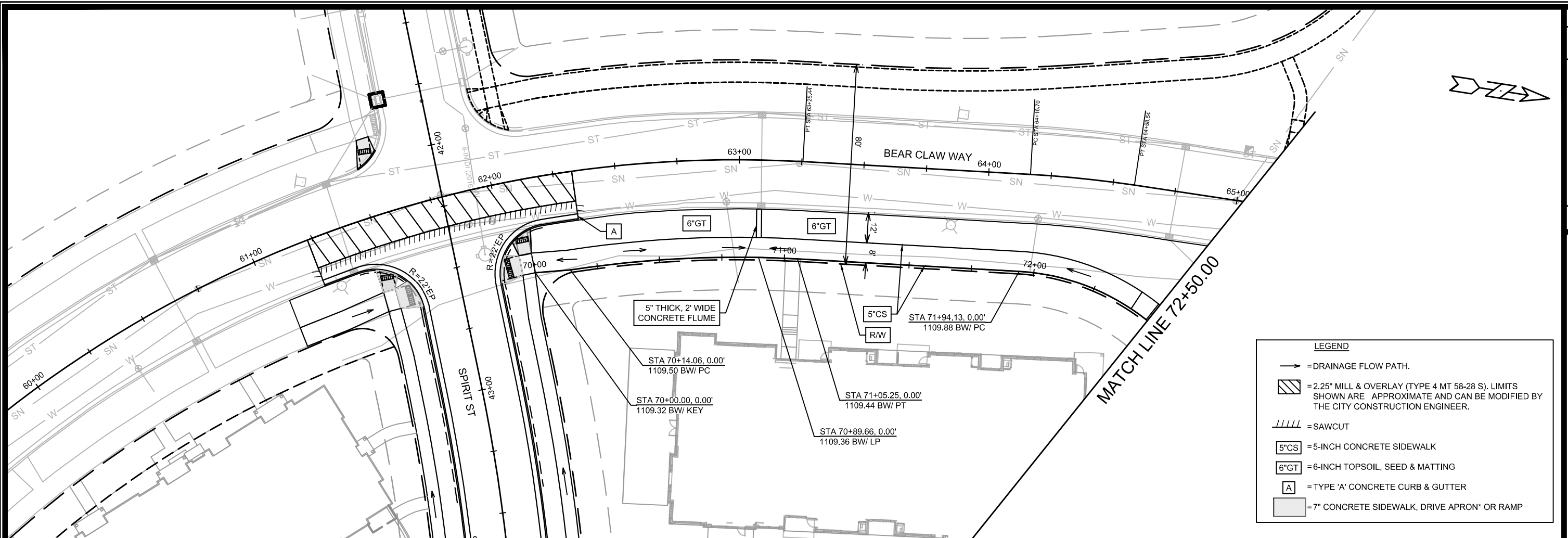


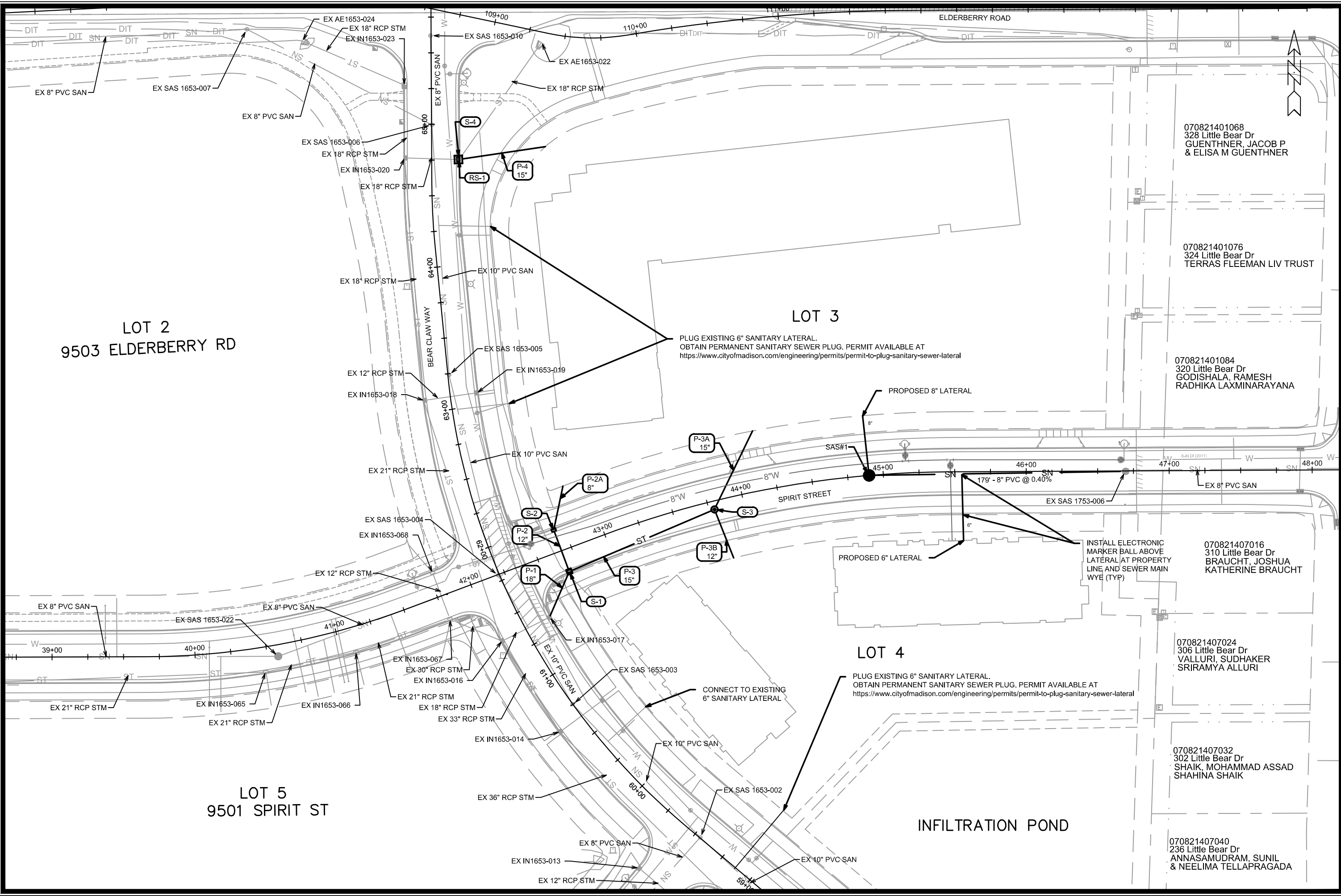
15188
D-3



15188
O-1







15188		U-3	
MADISON, WI		9523	
CONTRACT NO:		15188	
UTILITY PLAN - BEAR CLAW WAY		PARAGON PLACE ADDITION NO.1 - PHASE 3	
M:\DESIGN\Projects\15188\CAD\Sewer\15188SWR-PipeNetwork.dwg		M:\DESIGN\Projects\15188\CAD\Sewer\15188SWR-PipeNetwork.dwg	
DATE: 9/4/2025 12:08 PM		DATE: 9/4/2025 12:08 PM	
BY: 15188		BY: 15188	
REVISION		REVISION	
MARK		MARK	
DESIGNED BY: 15188		DESIGNED BY: 15188	
15188		15188	
U-3		U-3	



070821401068
328 Little Bear Dr
GUENTHNER, JACOB P
& ELISA M GUENTHNER

070821401076
324 Little Bear Dr
TERRAS FLEEMAN LIV TRUST

070821401084
320 Little Bear Dr
GODISHALA, RAMESH
RADHIKA LAXMINARAYANA

070821407016
310 Little Bear Dr
BRAUCHT, JOSHUA
KATHERINE BRAUCHT

070821407024
306 Little Bear Dr
VALLURI, SUDHAKER
SRIRAMYA ALLURI

070821407032
302 Little Bear Dr
SHAIK, MOHAMMAD ASSAD
SHAHINA SHAIK

070821407040
236 Little Bear Dr
ANNASAMUDRAM, SUNIL
& NEELIMA TELLAPRAGADA

SANITARY SEWER SCHEDULE

PARAGON PLACE ADDITION NO.1 - PHASE 3
PROJECT NO. 15188

SHEET NO.
U-4

SANITARY SEWER SCHEDULE

CITY OF MADISON

PROPOSED SANITARY STRUCTURES

SAS NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH	NOTES
SPIRIT STREET						
SAS#1	44+90.04	CL	1110.38	1097.23	13.15	

PROPOSED SANITARY PIPES

FROM (DNSTM)	TO (UPSTM)	DWNSTRM E.I.	UPSTRM E.I.	PLAN (PAY) LGTH (FT)	SLOPE (%)	PIPE SIZE	PVC TYPE	NOTES
SPIRIT STREET								
EX SAS1753-006	SAS#1	1096.51	1097.23	179	0.40%	8"	SDR-26	[1]

SPECIFIC NOTES

[1] CONNECT TO EXISTING 8" STUB

STORM SEWER SCHEDULE

PARAGON PLACE ADDITION NO.1 - PHASE 3 PROJECT NO. 15188	SHEET NO. U-5
STORM SEWER SCHEDULE	
CITY OF MADISON	

PROPOSED STORM STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
SPIRIT STREET							
S-1	42+67.70	RT-15.50	3X3 SAS	1108.99	1104.91	4.08	LP; W/R-3067-7004-VB
S-2	42+67.70	LT-15.50	H-INLET	1108.99	1105.57	3.42	LP; W/R-3067-7004-VB
S-3	43+79.04	RT-5.32	3X3 SAS	1109.53	1105.60	3.93	W/R-1550-0054
BEAR CLAW WAY							
S-4	64+75.30	RT-18.67	5X5 SAS	1109.44	1105.45	3.99	FP; W/R-3067-7004-V

REMOVE STORM STRUCTURES

STRUC. NO.	STRUC. ID	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	DEPTH	NOTES
BEAR CLAW WAY							
RS-1	IN1653-021	64+75.30	RT-18.69	3X3 SAS	1109.84	3.99	

PROPOSED STORM PIPES

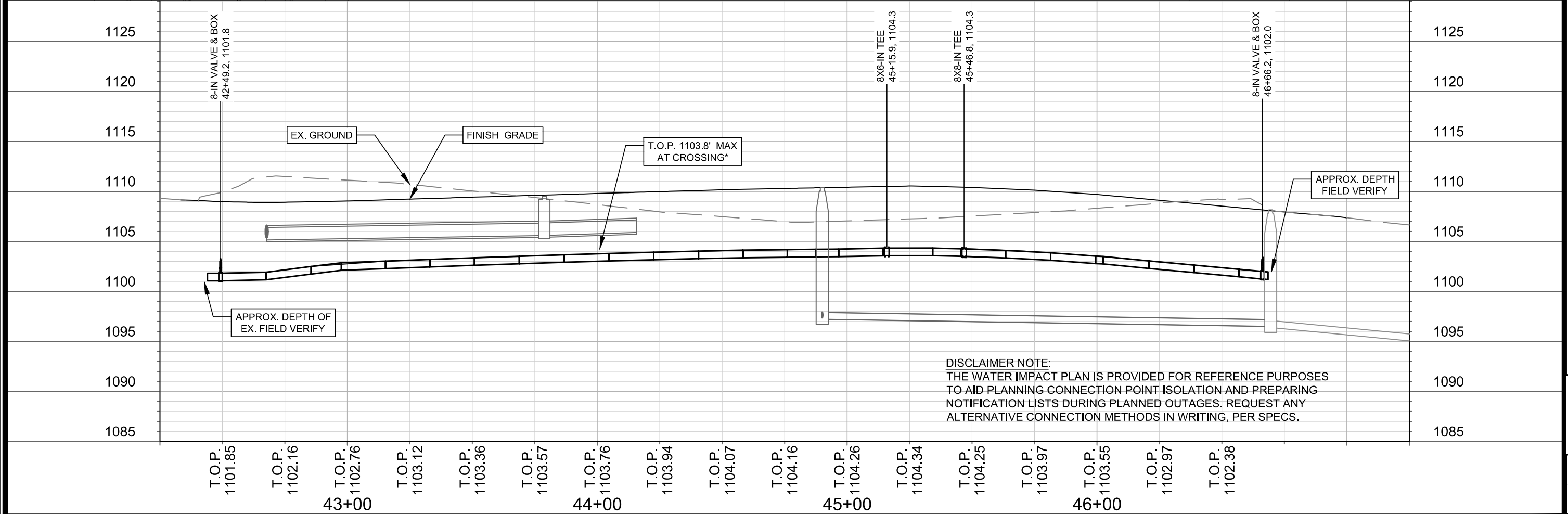
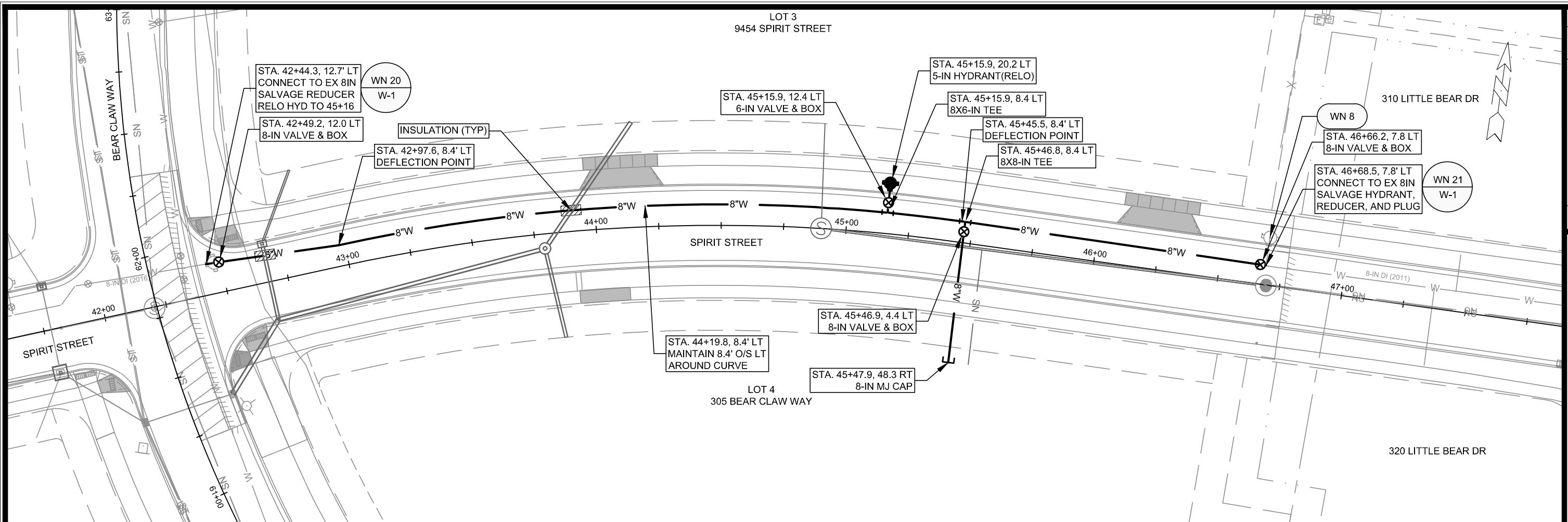
PIPE NO.	FROM (DNSTM)	TO (UPSTM)	DISCH. E.I.	INLET E.I.	PLAN LGTH (FT)	PIPE LGTH (FT)	SLOPE (%)	PIPE SIZE	TYPE	NOTES
SPIRIT STREET										
P-1	IN1653-017	S-1	1104.74	1104.91	35	31	0.54%	18"	RCP	[1]
P-2	S-1	S-2	1105.41	1105.57	31	29	0.55%	12"	RCP	
P-2A	S-2	PROP LINE	1105.90	1106.06	31	30	0.53%	8"	PVC	[2]
P-3	S-1	S-3	1105.16	1105.60	110	107	0.41%	15"	RCP	
P-3A	S-3	PROP LINE	1105.60	1105.91	61	59	0.53%	15"	RCP	[2]
P-3B	S-3	PROP LINE	1105.85	1105.99	36	34	0.41%	12"	RCP	[2]
BEAR CLAW WAY										
P-4	S-4	PROP LINE	1105.70	1106.00	61	60	0.50%	15"	RCP	[2]

SPECIFIC NOTES

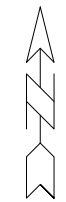
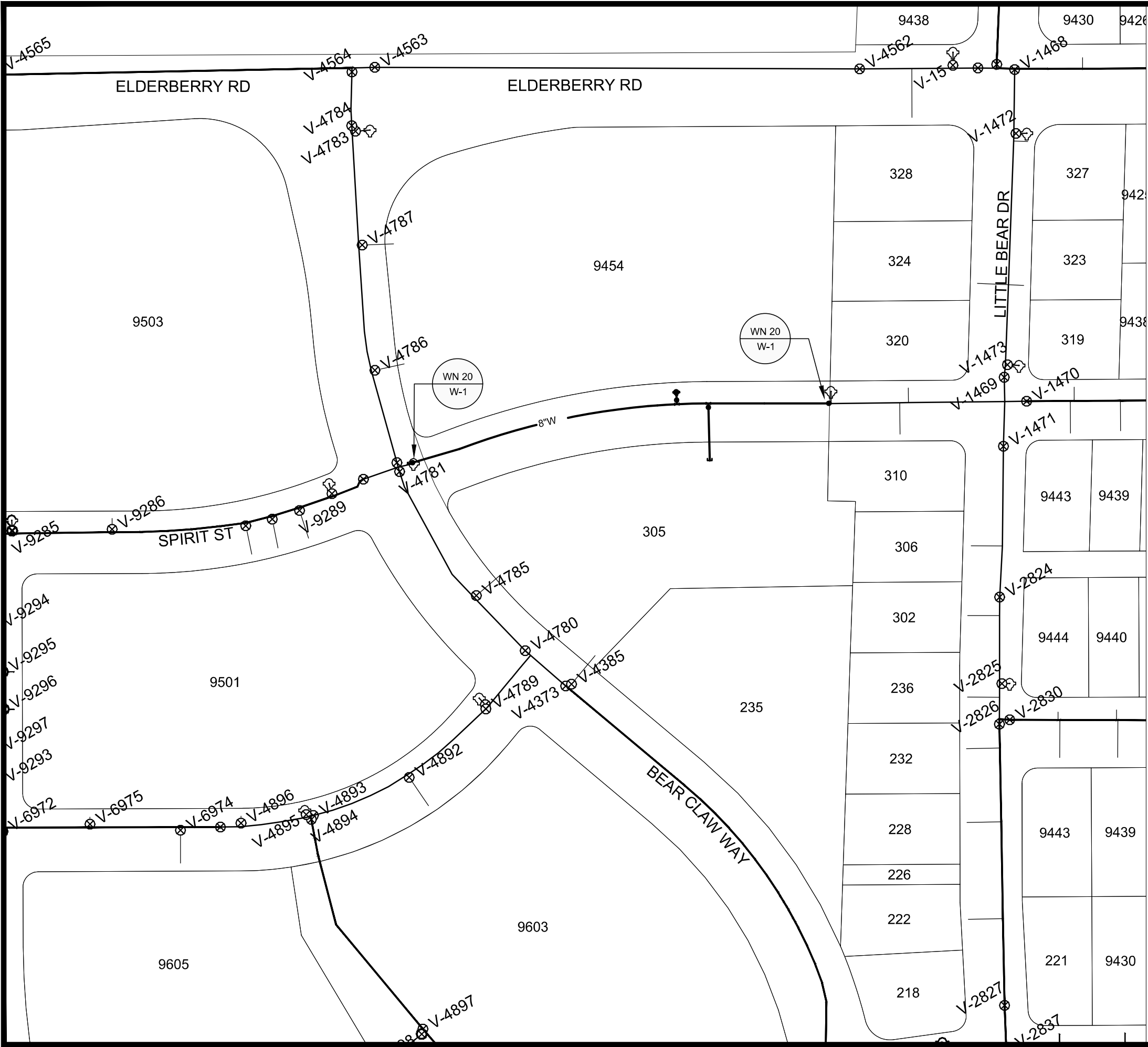
- [1] CONNECT WITH CONCRETE COLLAR TO 18" STUB
- [2] STUB PIPE AT PROPERTY LINE

STANDARD NOTES:

- ABBREVIATIONS: AE = APRON ENDWALL; RCP = REINFORCED CONCRETE PIPE; HERCP = HORIZONTAL ELLIPTICAL REINFORCED CONCRETE PIPE; DNA = DOES NOT APPLY; SAS = SEWER ACCESS STRUCTURE; LP = LOW POINT INLET STRUCTURE; FP = FIELD POURED STRUCTURE; TR = TOP OF CONCRETE ROOF; NCM = NO CROWN MATCH FOR PIPES; UD = UNDERDRAIN
- TOP OF CASTING GRADE GIVEN IS THE TOP OF CURB FOR INLET STRUCTURES AND THE FLOWLINE OF THE CLOSED CASTING FOR SASs.
- TOP OF CONCRETE ROOF (TR) IS 1.25 BELOW TOP OF CASTING UNLESS OTHERWISE NOTED.
- ALL REINFORCED CONCRETE PIPES TO BE CLASS III UNLESS OTHERWISE NOTED.
- SURVEYOR TO CONFIRM THAT ALL INLET STATION / OFFSETS LINE UP WITH PROPOSED CURB AND GUTTER.
- ALL REBAR FOR FIELD POUR STRUCTURES SHALL BE EPOXY COATED. ANY EXPOSED STEEL SHALL BE TOUCHED UP OR RECOATED PRIOR TO USE.
- ALL FIELD POURED SAS STORM STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DETAIL DRAWING 5.7.3.
- ALL PRECAST SAS STORM STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DETAIL DRAWING 5.7.5.
- ALL STRUCTURES CALLED OUT AS FIELD POURED SHALL BE FIELD POURED. ALL OTHER STRUCTURES (NOT INDICATED AS FIELD POURED) SHALL BE SUBMITTED TO CITY ENGINEERING FOR APPROVAL IF PRECAST STRUCTURES ARE PREFERRED. CONTACT ERIN GETER OF CITY ENGINEERING AT (608) 266-4058 FOR PRECAST APPROVALS, FAX SHOP DRAWINGS TO (608)264-9275, OR EMAIL SHOP DRAWINGS TO EGETER@CITYOFMADISON.COM.



DISCLAIMER NOTE:
THE WATER IMPACT PLAN IS PROVIDED FOR REFERENCE PURPOSES TO AID PLANNING CONNECTION POINT ISOLATION AND PREPARING NOTIFICATION LISTS DURING PLANNED OUTAGES. REQUEST ANY ALTERNATIVE CONNECTION METHODS IN WRITING, PER SPECS.



1" = 100'



WN20 W-1 CUT IN AT SPIRIT
ISOLATION VALVES: V-1469, V-1470, V-1471
NOTIFY: 310 & 320 LITTLE BEAR DRIVE

DISCLAIMER NOTE:
THE WATER IMPACT PLAN IS PROVIDED FOR REFERENCE PURPOSES
TO AID PLANNING CONNECTION POINT ISOLATION AND PREPARING
NOTIFICATION LISTS DURING PLANNED OUTAGES. REQUEST ANY
ALTERNATIVE CONNECTION METHODS IN WRITING, PER SPECS.

DATE	BY
10/02/2024	15188
REVISION	W-2
MARK	15188
DESIGNED BY: TDP	15188

15188
MADISON, WI
CONTRACT NO: 9523

WATER IMPACT PLAN
PARAGON PLACE ADDITION NO.1 - PHASE 3
M:\DESIGN\Projects\15188\CAD\Water\15188WU-ImpactPlan.dwg



15188
W-2



CONSTRUCTION NOTES:

1.

CONSTRUCT NEW WATER MAIN 6.0' BELOW FINISHED GRADE, UNLESS OTHERWISE NOTED. INSULATE MAIN WITH POLYSTYRENE BOARD AT STORM CROSSINGS AND OTHER AREAS IDENTIFIED BY ENGINEER AS HAVING INADEQUATE COVER.
2.

VERIFY SIZE OF EXISTING WATER SERVICES AND RECONNECT SERVICES AS INDICATED.
3.

MINIMIZE DISRUPTION OF SERVICE TO CUSTOMERS. NOTIFY PER CONTRACT REQUIREMENTS OF ANY PLANNED WATER OUTAGE.
- WN-1

REPLACE THE EXISTING LEAD SERVICE WITH A NEW COPPER SERVICE.
- WN-2

EXTEND AND RECONNECT THE EXISTING COPPER SERVICE TO THE NEW WATER MAIN.
- WN-3

EXISTING SERVICE TO BE ABANDONED WHEN THE WATER MAIN IS CUT OFF.
- WN-4

DISCONNECT FROM THE OLD WATER MAIN AND RECONNECT THE EXISTING COPPER WATER SERVICE LATERAL TO THE NEW WATER MAIN.
- WN-5

RELOCATE THE EXISTING FIRE HYDRANT.
- WN-6

ABANDON WATER VALVE ACCESS STRUCTURE.
- WN-7

FURNISH AND INSTALL THE NEW TOP SECTION FOR THE WATER ACCESS STRUCTURE.
- WN-8

ABANDON THE VALVE BOX.
- WN-9

FURNISH THE DITCH, COMPACTION, AND ALL MATERIALS AND LABOR FOR THE INSTALLATION OF NEW SERVICE LATERAL.
- WN-10

REMOVE AND SALVAGE EXISTING HYDRANT
- WN-11

REPLACE THE EXISTING COPPER SERVICE WITH A COPPER SERVICE
- WN-20+

SEE WATER IMPACT PLAN FOR CONNECTION POINT ISOLATION AND WATER SHUT-OFF NOTIFICATION INFORMATION.

WATER UTILITY ULO SCHEDULE

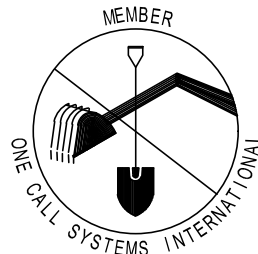
ULO	UTILITY	STATION	OFFSET	SHEET
-----	---------	---------	--------	-------

*ESTIMATE OF MATERIALS SUPPLIED BY CONTRACTOR:			
PAY ITEM ID	DESCRIPTION	QUANTITY	UNIT
70002	FURNISH AND INSTALL 6-INCH PIPE & FITTINGS	20	LNFT
70003	FURNISH AND INSTALL 8-INCH PIPE & FITTINGS	480	LNFT
70031	FURNISH AND INSTALL 6-INCH WATER VALVE	1	EACH
70032	FURNISH AND INSTALL 8-INCH WATER VALVE	3	EACH
70040	FURNISH INSTALL AND SALVAGE HYDRANT	1	EACH
70101	FURNISH AND INSTALL INSULATION	2	EACH
71002	8-IN MJ CAP	1	EACH
71210	8X6-IN TEE	1	EACH
71211	8X8-IN TEE	1	EACH
*ESTIMATE OF MATERIALS SALVAGED:			
	HYDRANT	1	EACH
	8-IN MJ PLUG	1	EACH
	8X6-IN TEE	1	EACH
* ESTIMATE OF MATERIALS IS FOR INFORMATION ONLY. ENGINEER DOES NOT GUARANTEE ACCURACY OF MATERIAL TAKE-OFF.			

TO OBTAIN LOCATION OF PARTICIPANTS' UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

CALL DIGGERS HOTLINE
TOLL FREE
811 OR 1-800-242-8511
FAX-A-LOCATE 1-800-338-3860
TDD (FOR HEARING IMPAIRED) 1-800-542-2289

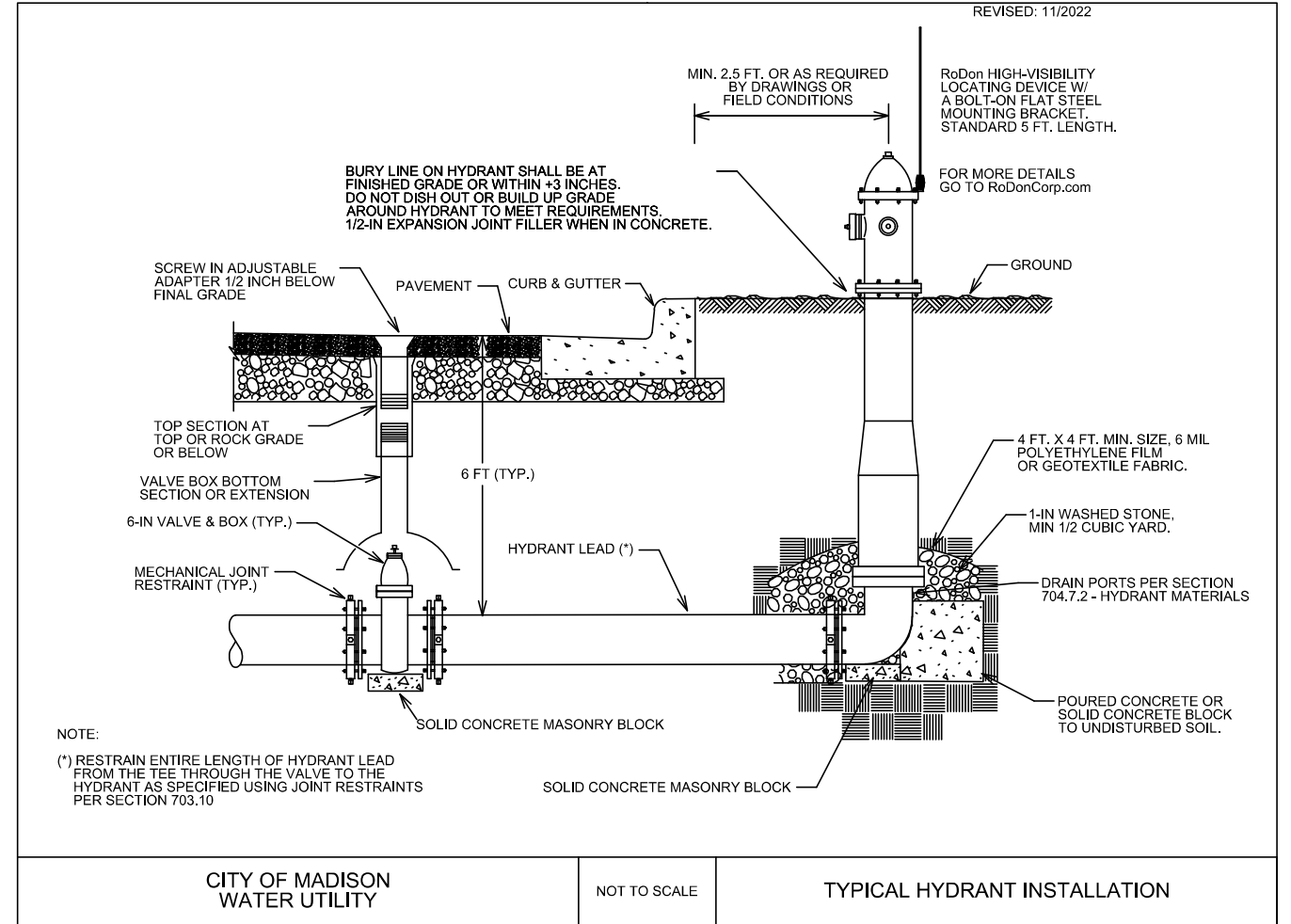
WIS. STATUTE 182.0175 (1974)
REQUIRES MIN. OF 3 WORK DAYS
NOTICE BEFORE YOU EXCAVATE.

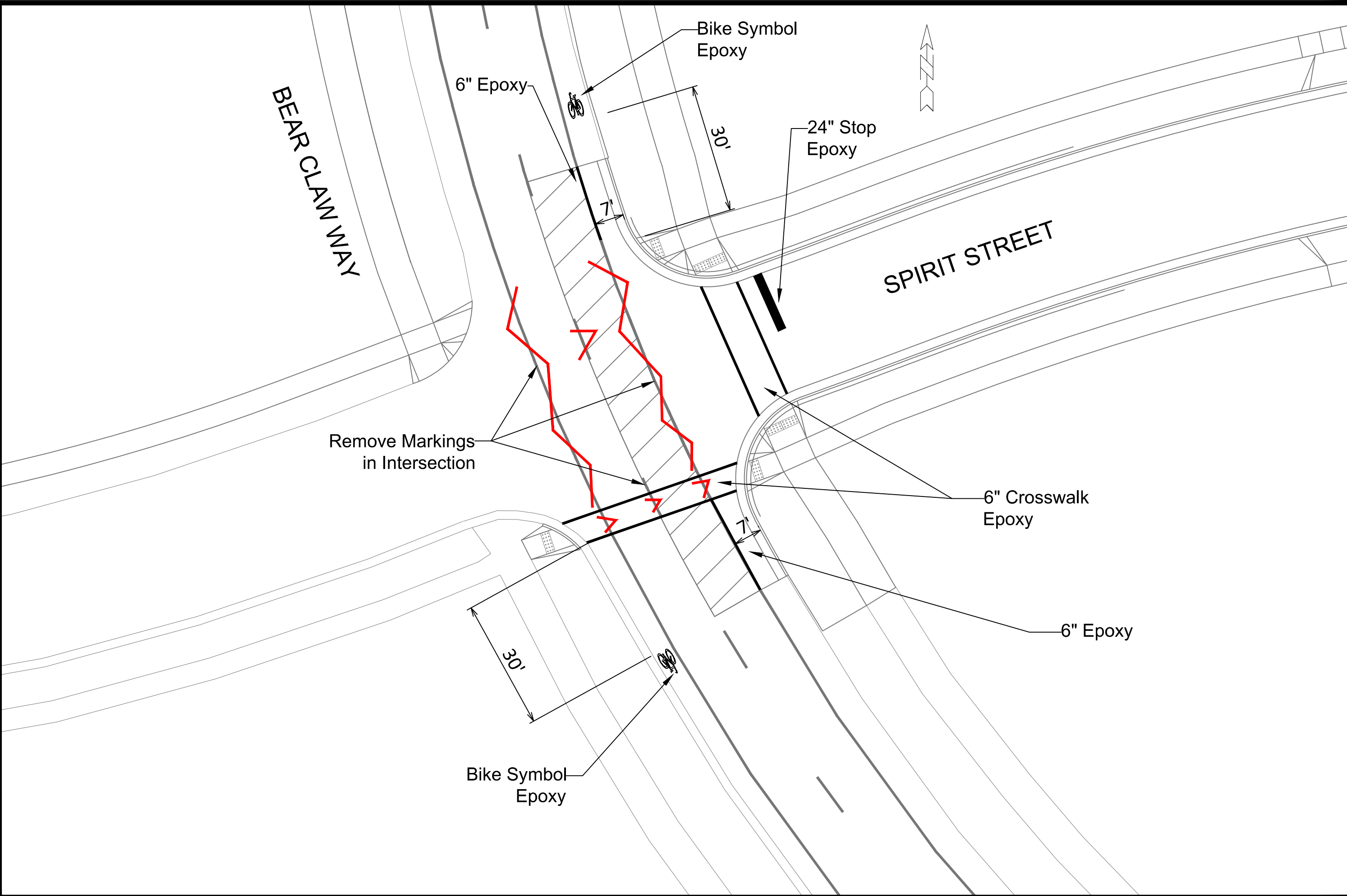


DISCLAIMER NOTE: UTILITY LOCATIONS SHOWN ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND AND OVERHEAD UTILITIES PRIOR TO COMMENCING WORK.

PART VII - WATER MAINS AND SERVICE LATERALS

DETAIL DRAWING NO. 7.04
REVISED: 11/2022





BEAR CLAW WAY

SPIRIT STREET

6" Epoxy

Bike Symbol
Epoxy

24" Stop
Epoxy

Remove Markings
in Intersection

6" Crosswalk
Epoxy

6" Epoxy

Bike Symbol
Epoxy

30'

7'

30'

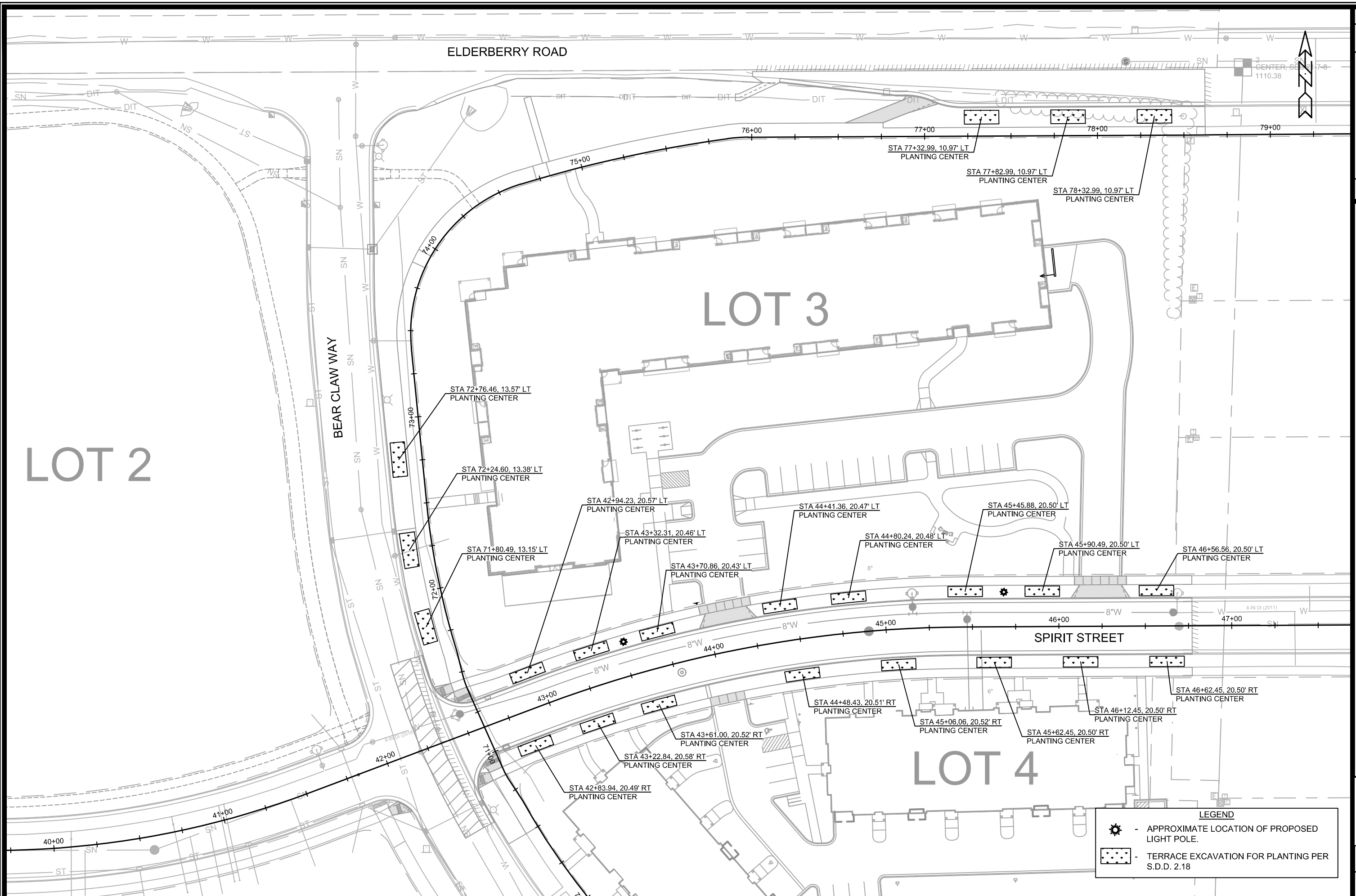
7'

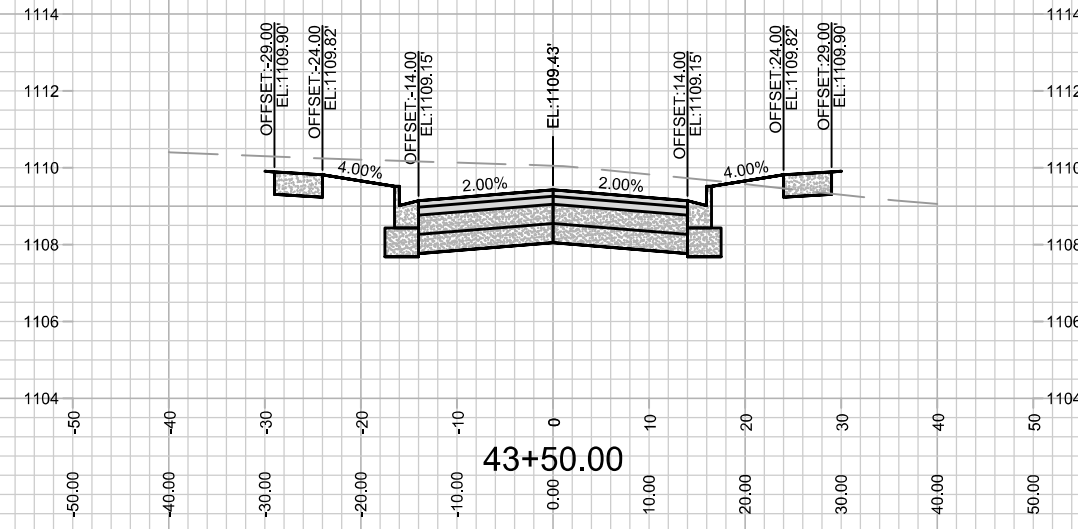
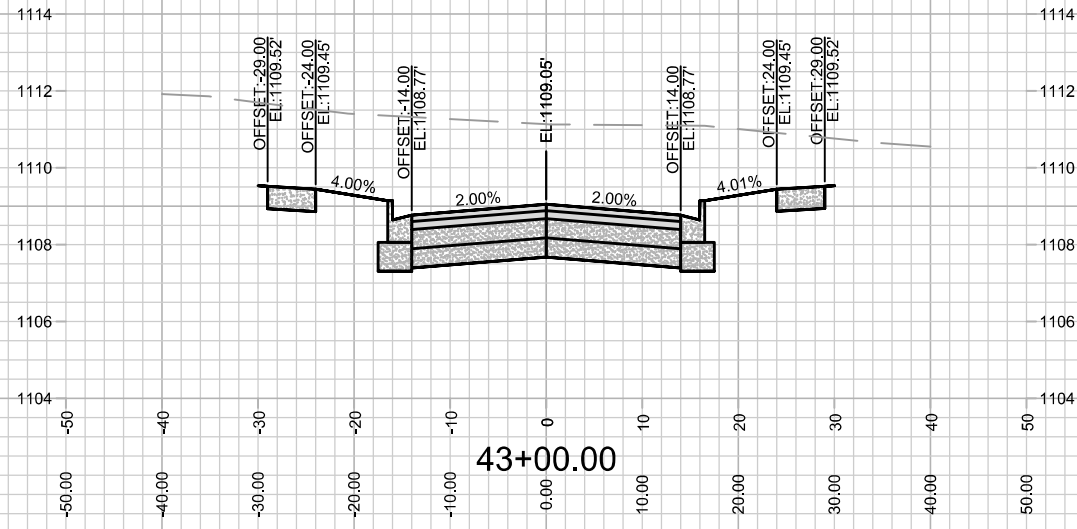
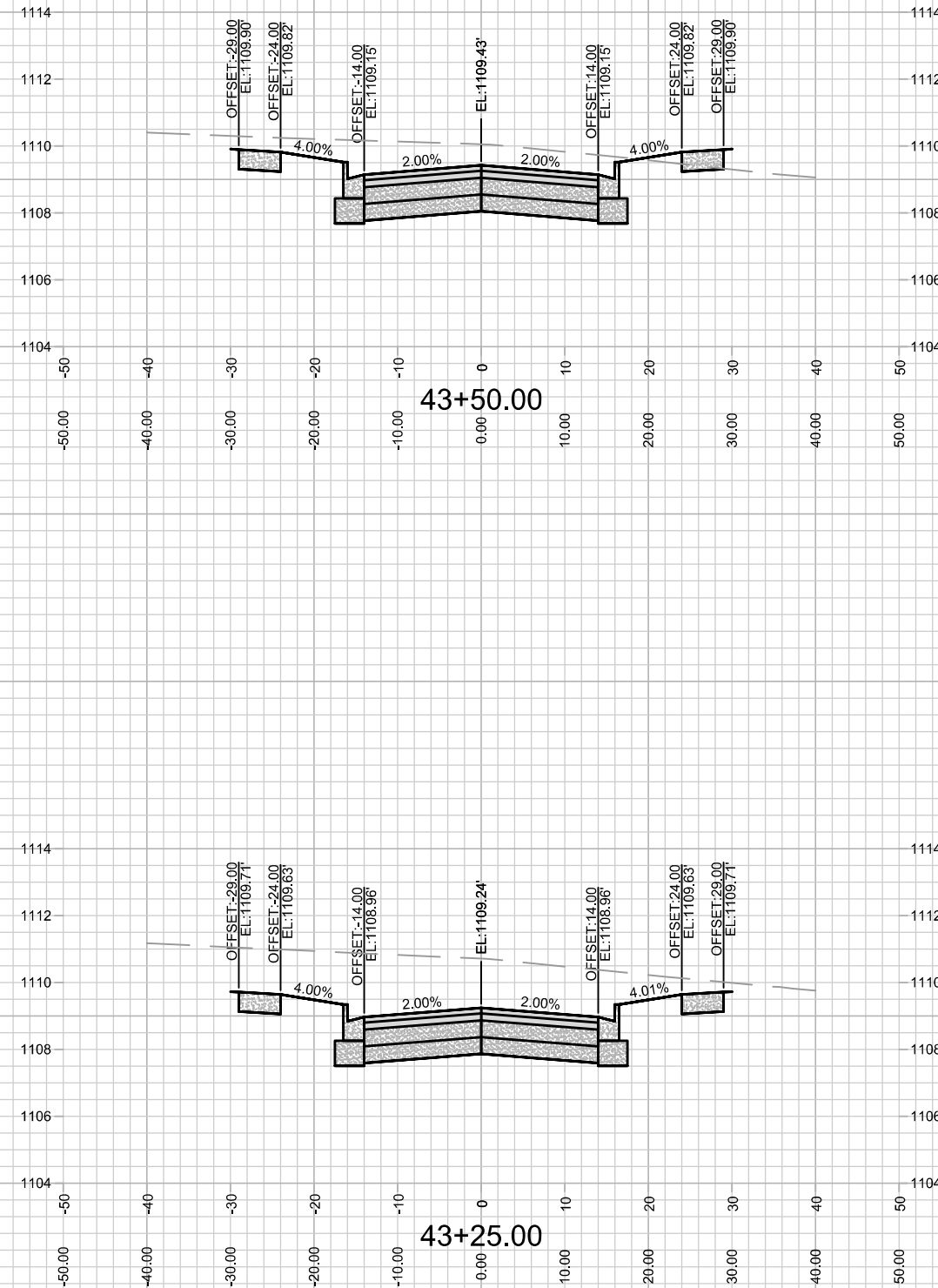
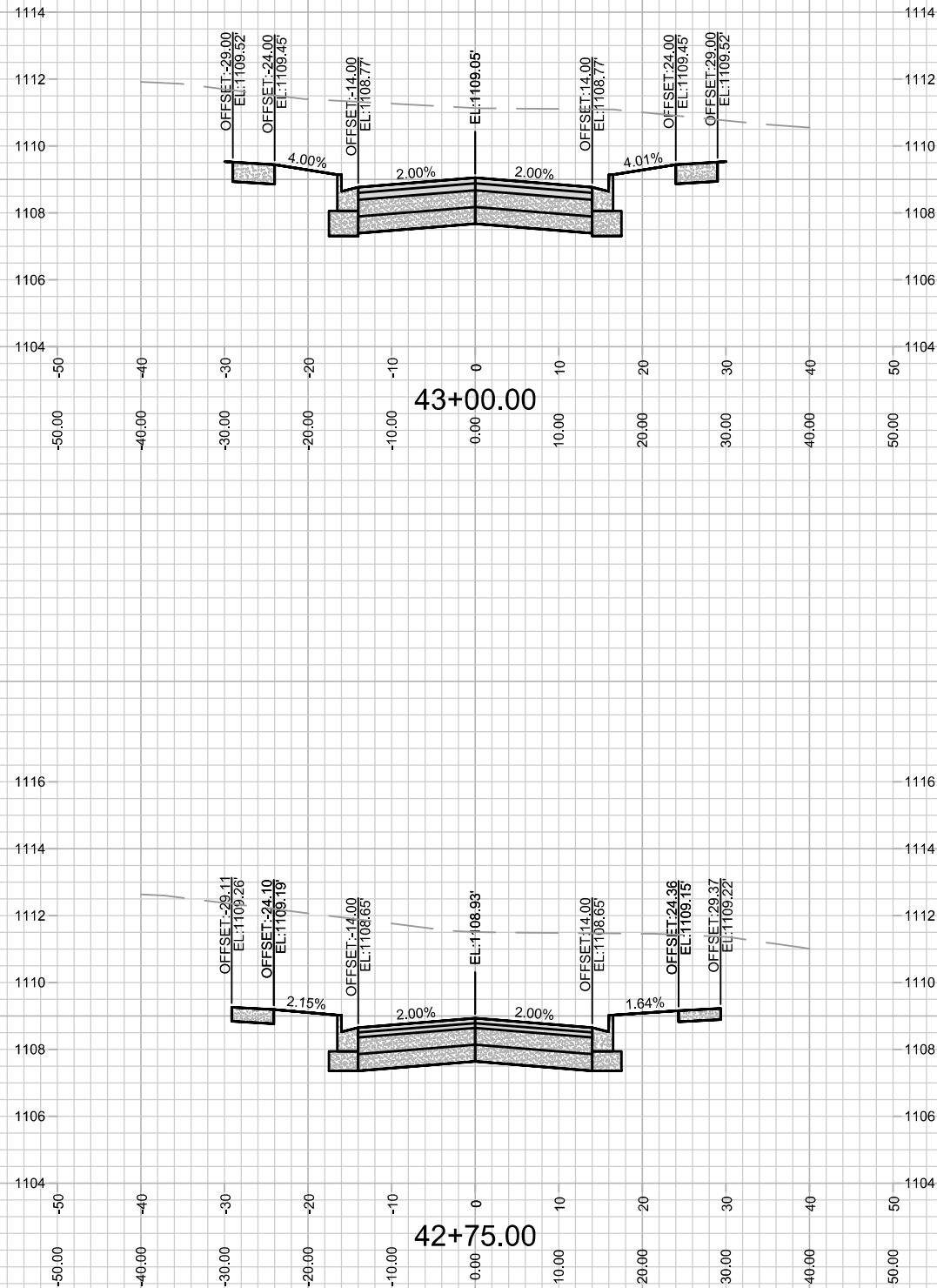
DESIGNED BY	SDM	DATE	6/20/2024	3:32 PM	Scale: 1/20	BY	PM-1
MARK		REVISION					

PAVEMENT MARKING PLAN	15188
PARAGON PLACE ADDITION NO. 1 - PHASE 3	MADISON, WI
M:\DESIGN\Traffic\Maps\Plans\SM-Plans\Sign-Mark Basemap.dwg	CONTRACT NO: 9523

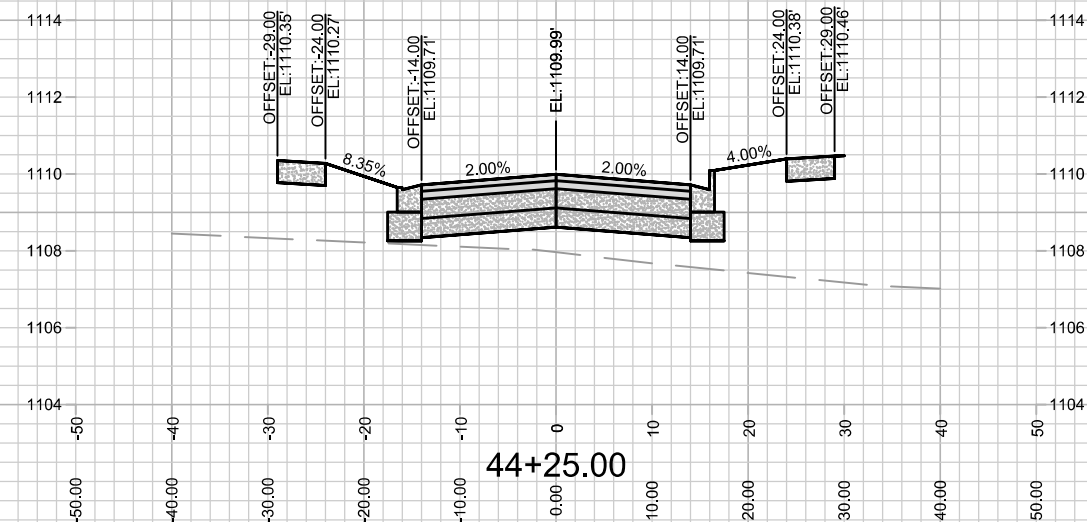
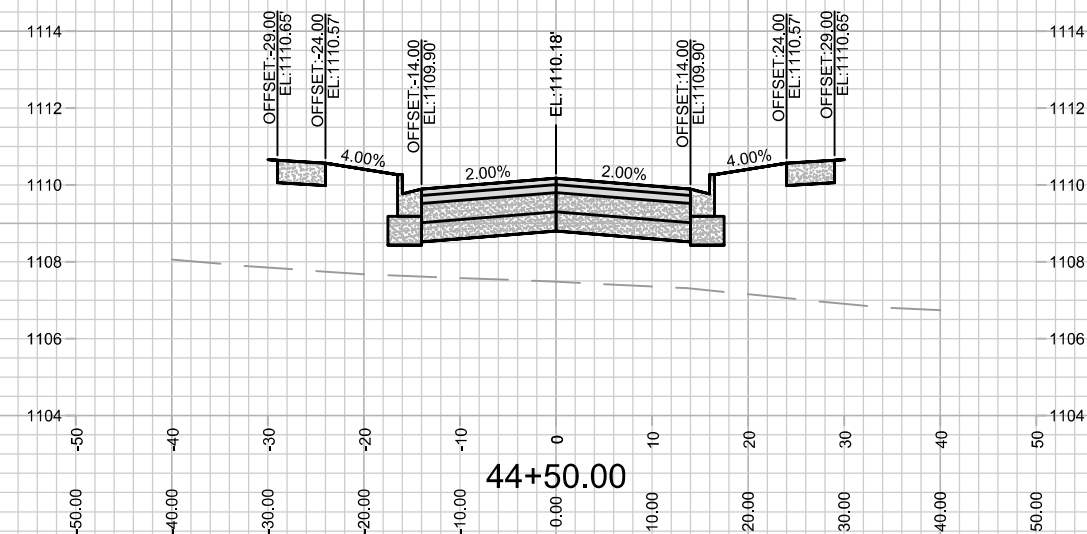
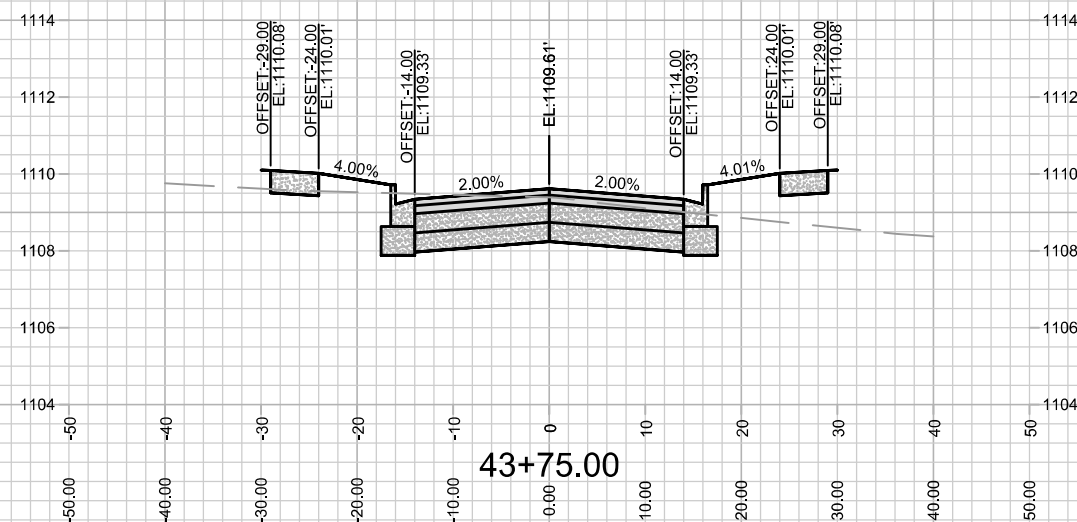
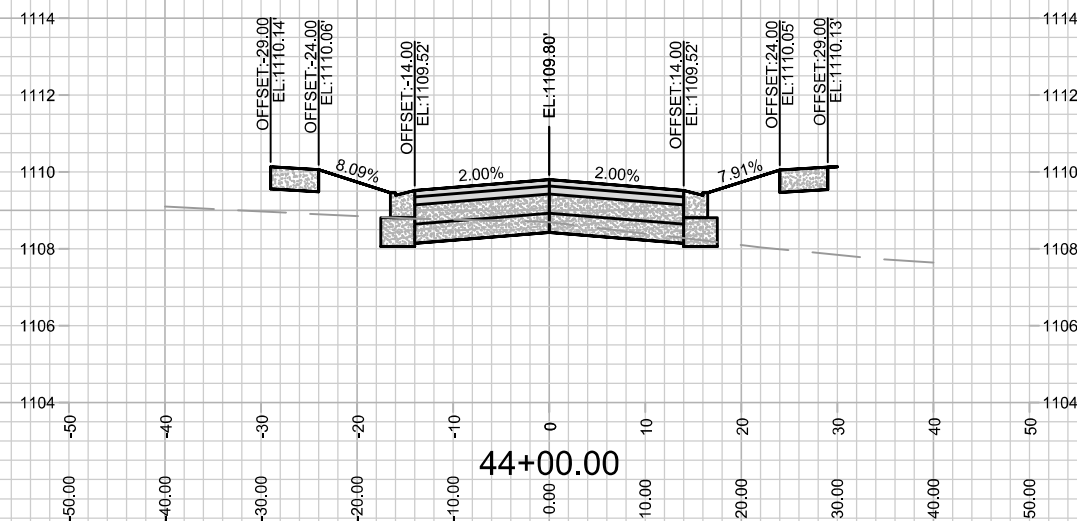


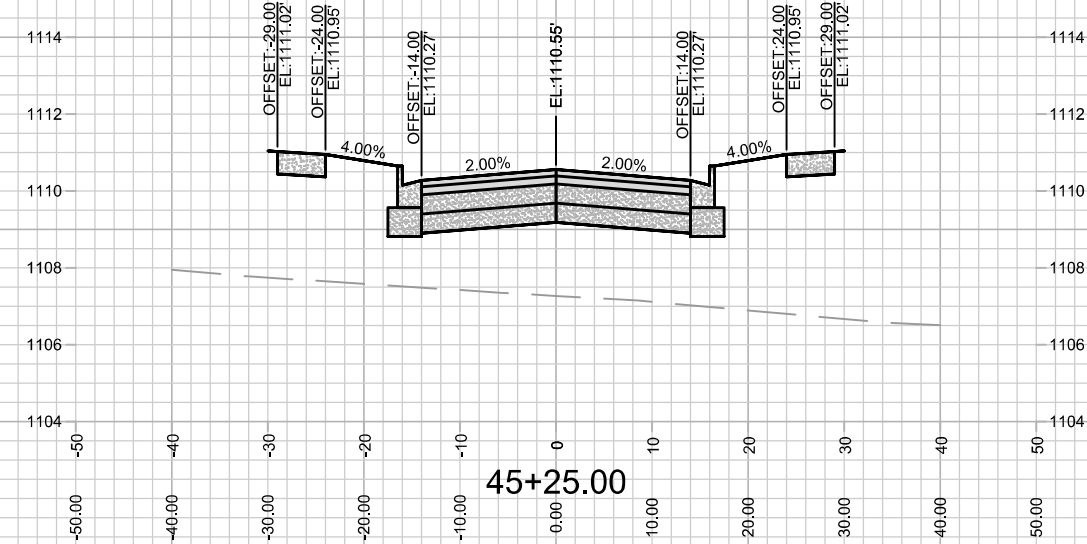
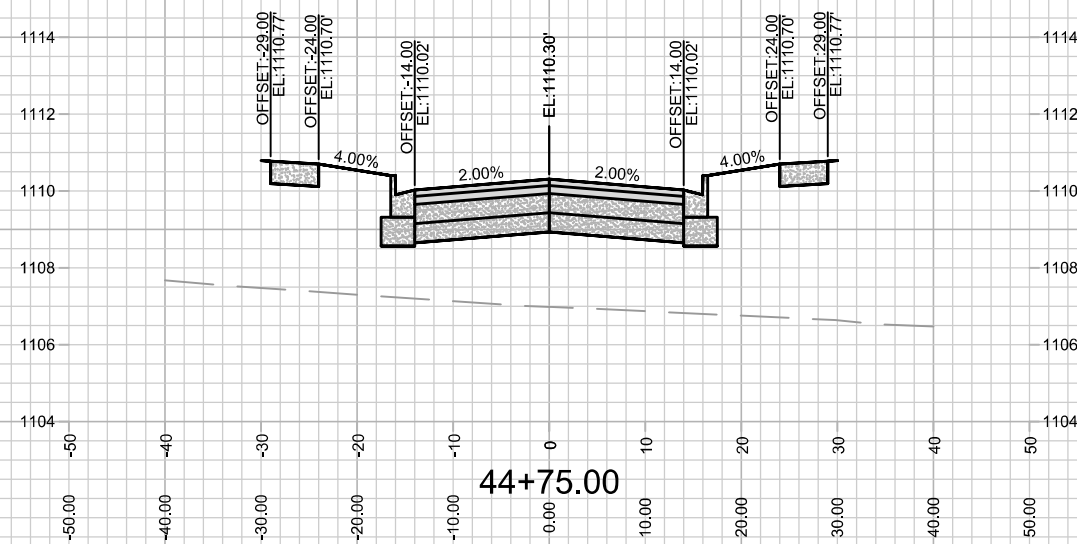
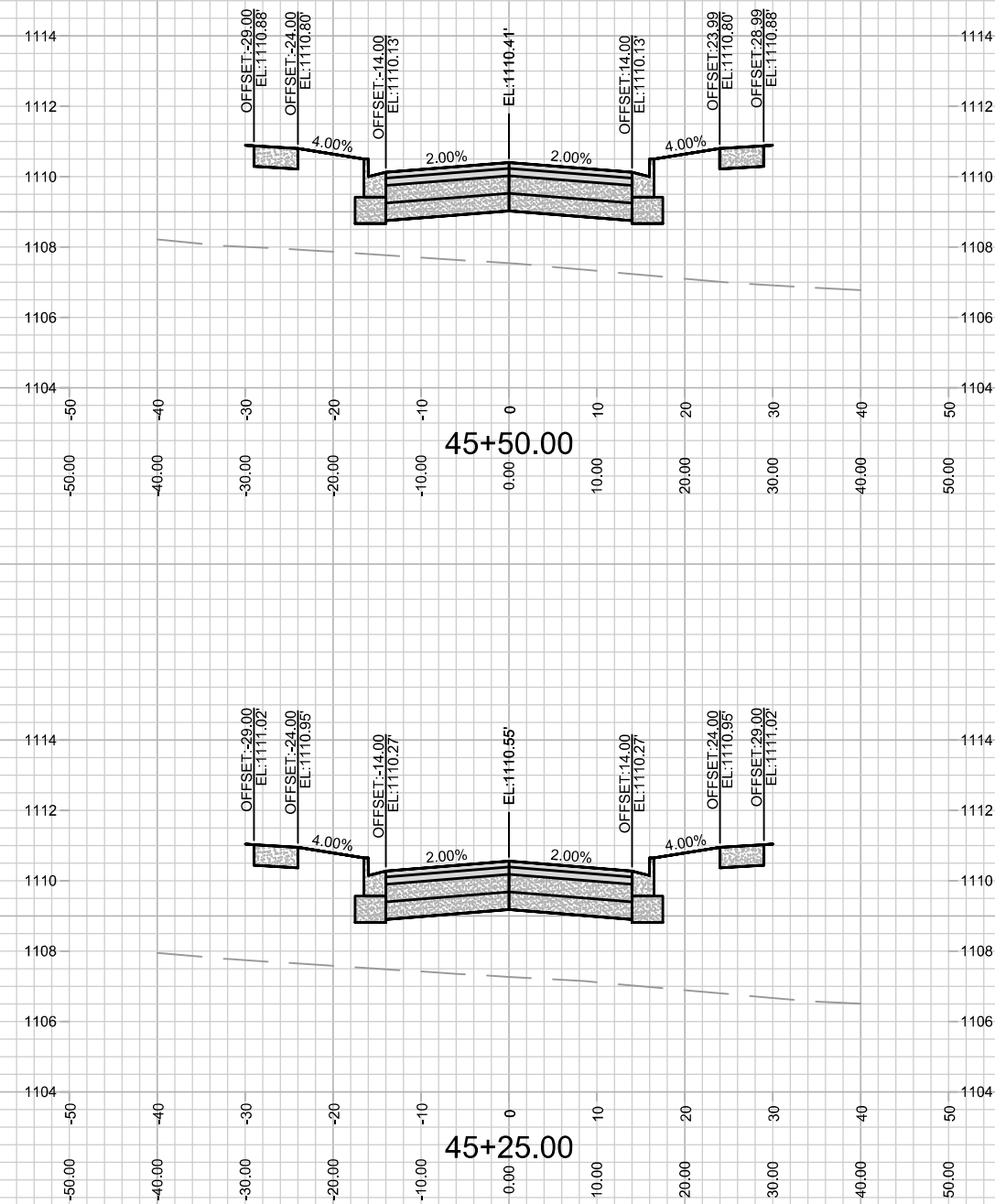
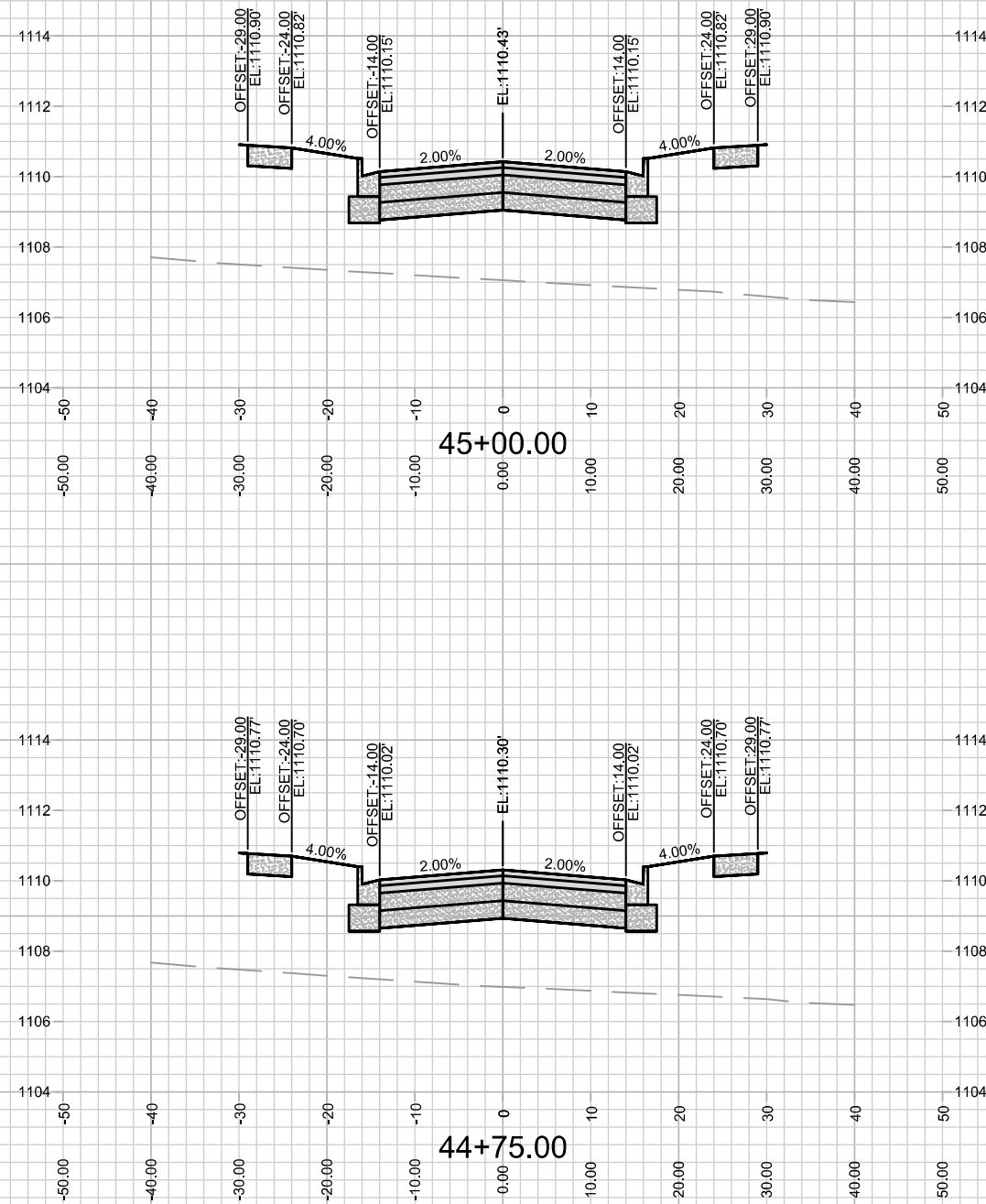
15188
PM-1

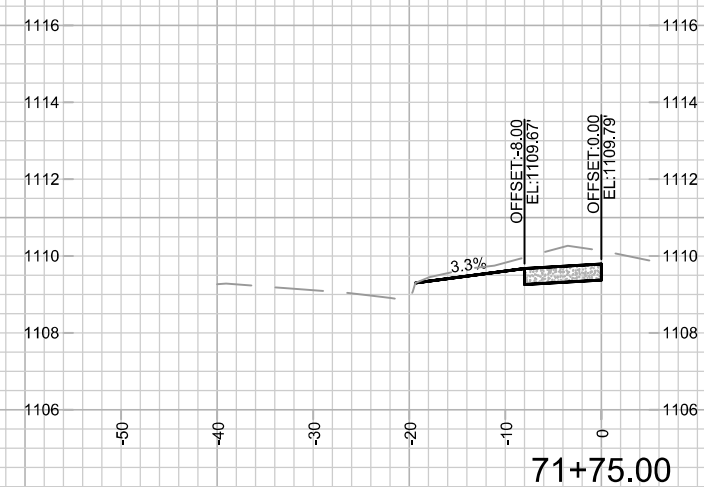
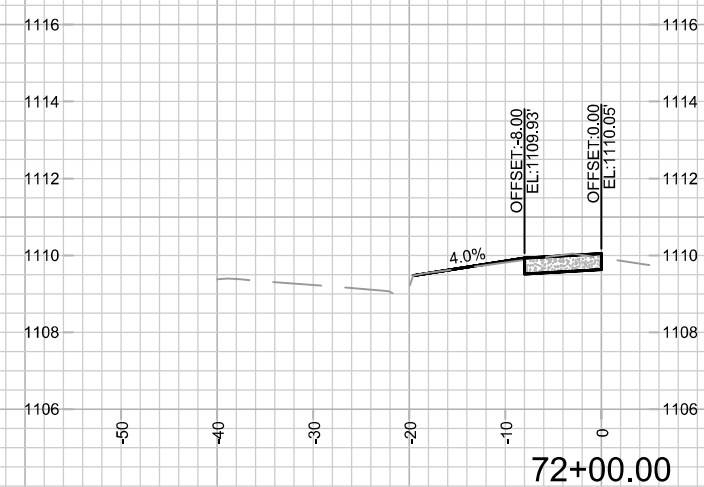
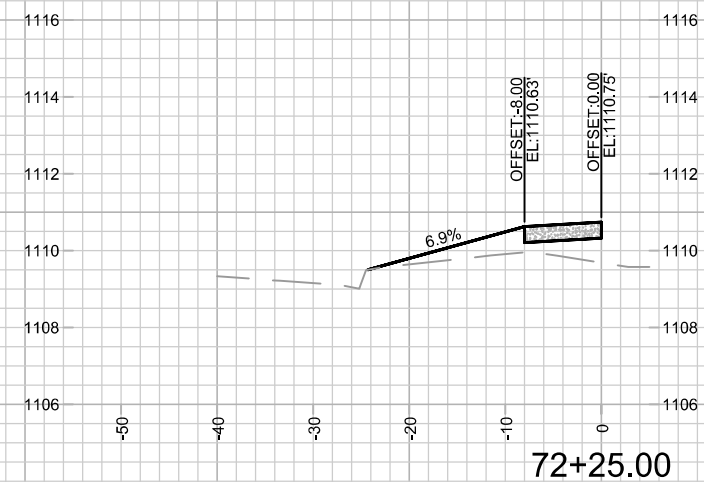
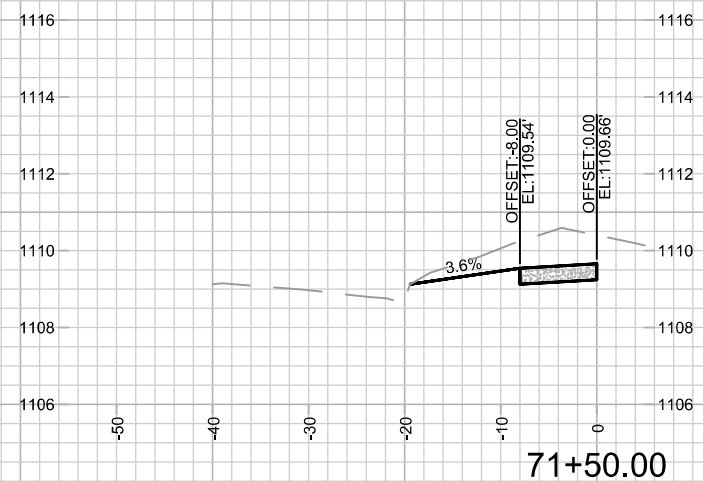
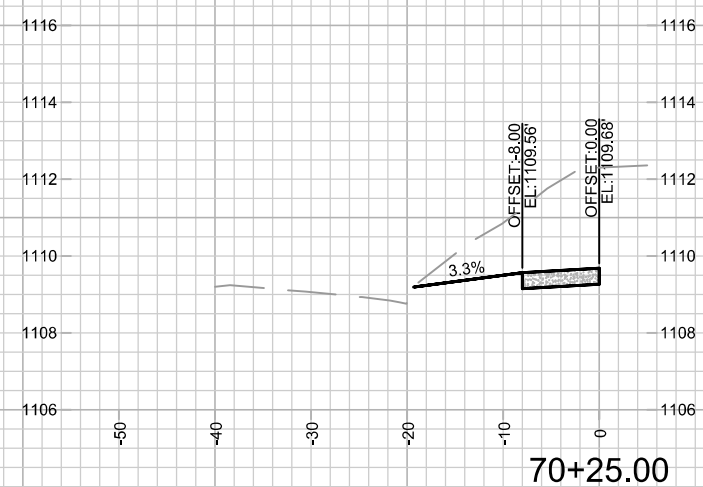
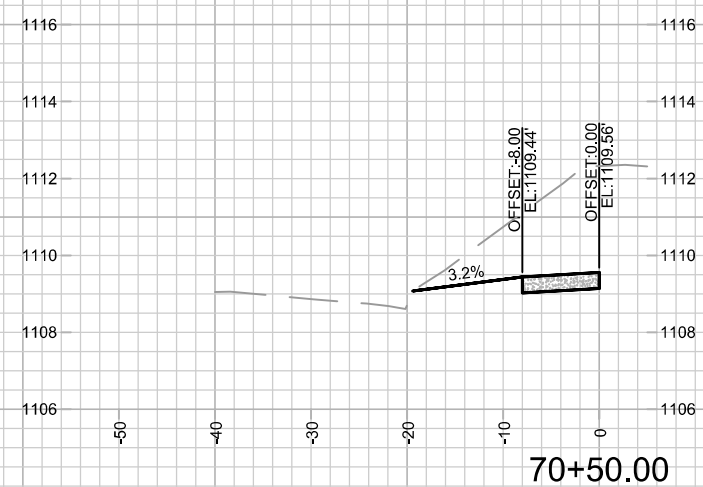
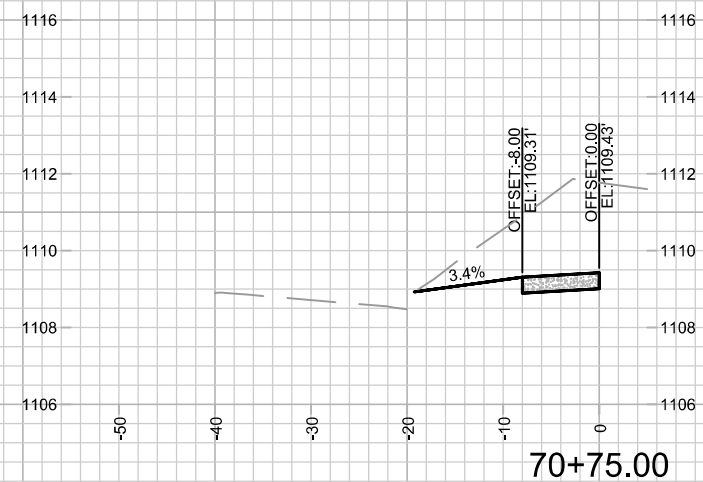


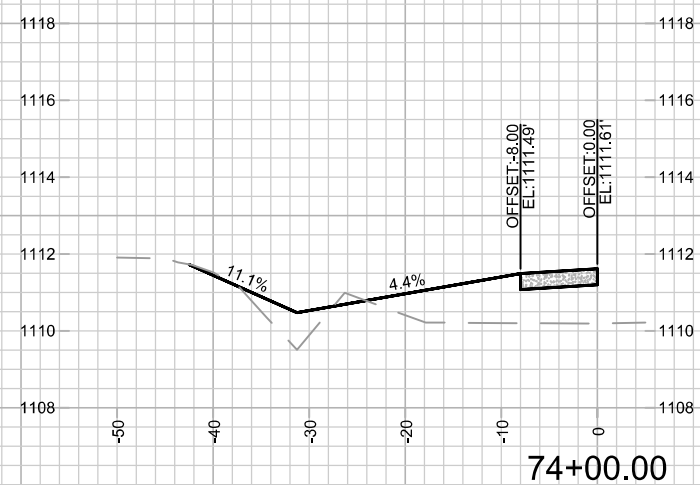
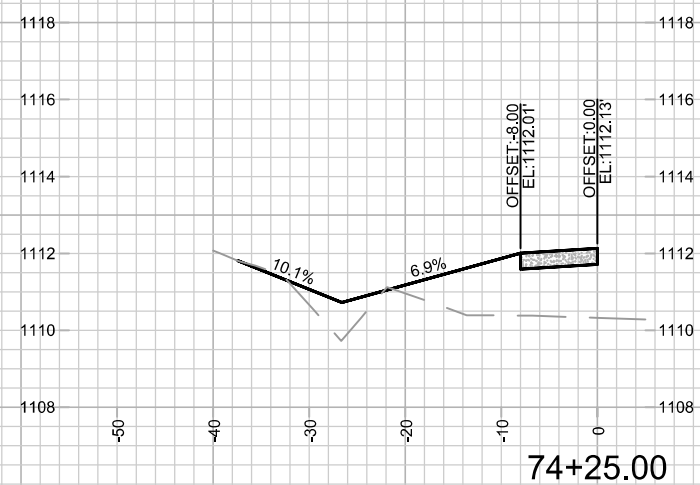
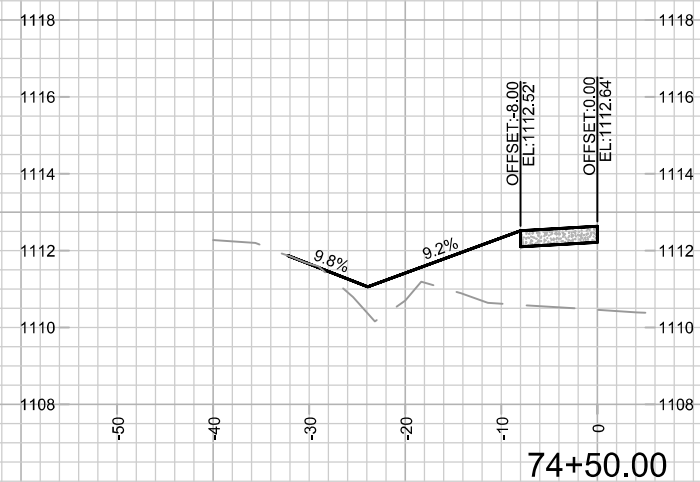
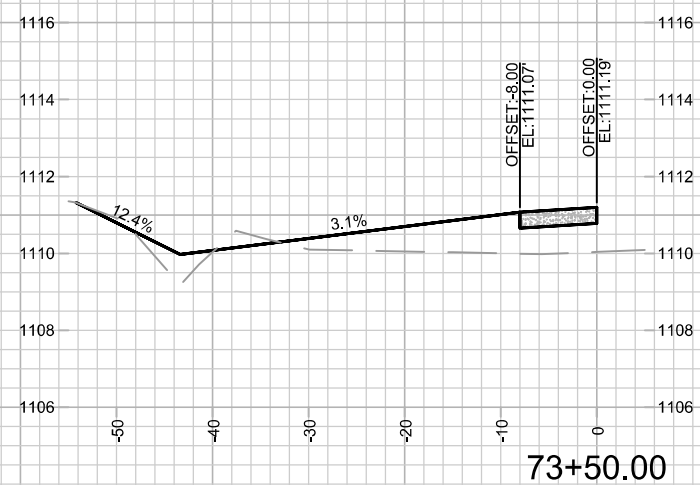
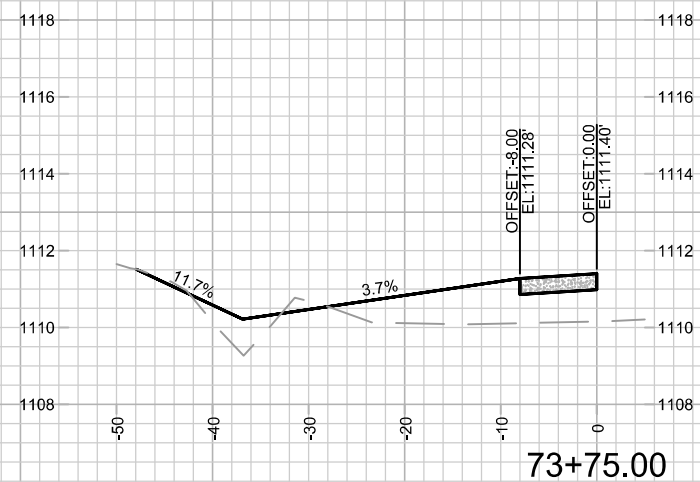
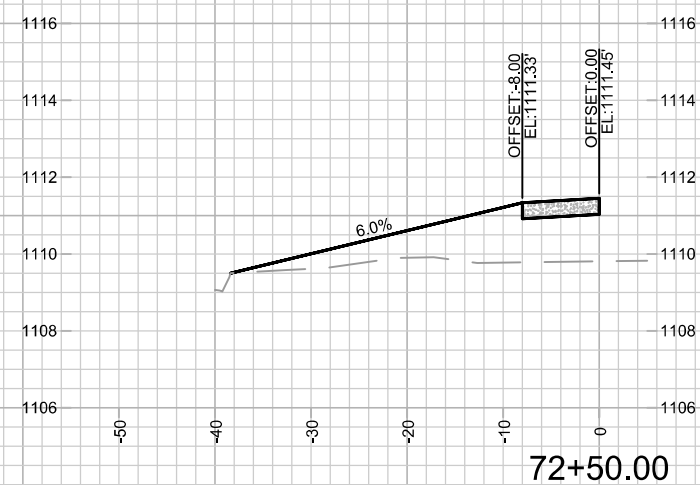


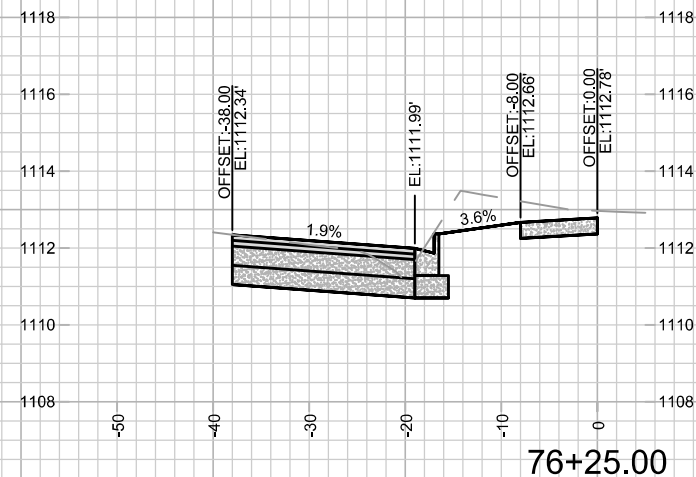
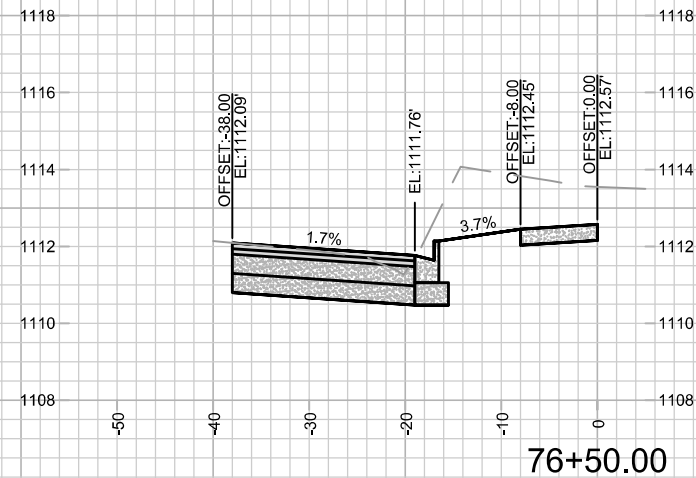
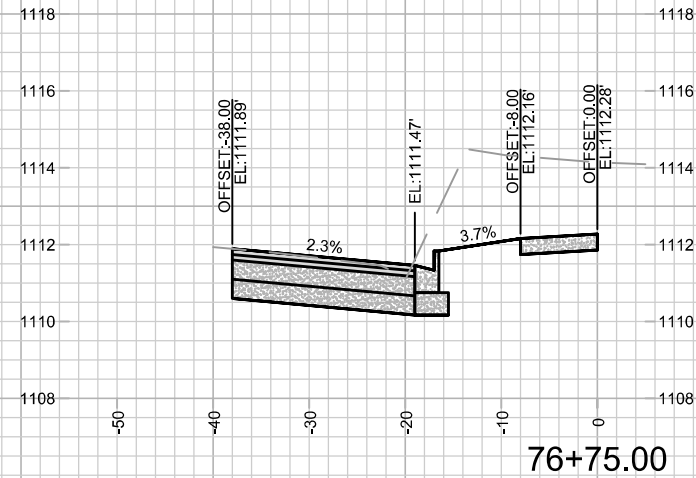
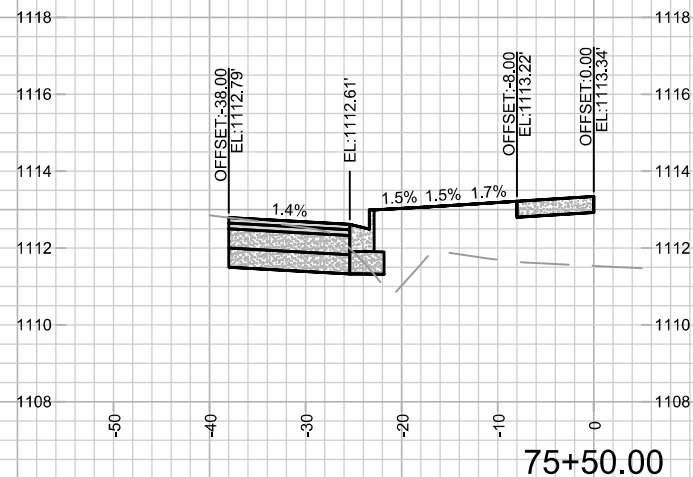
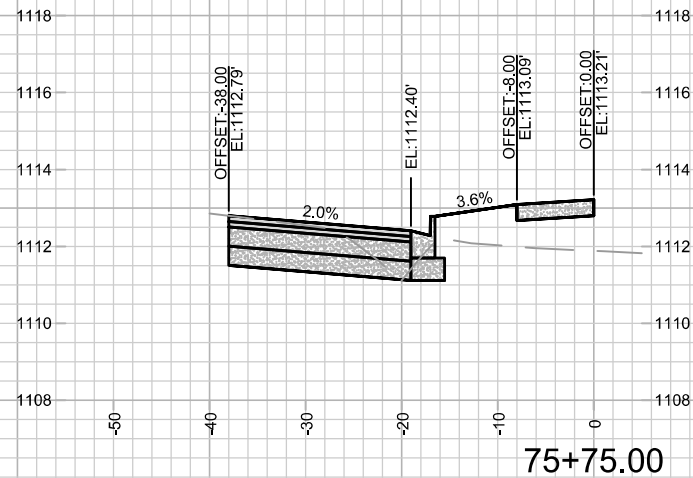
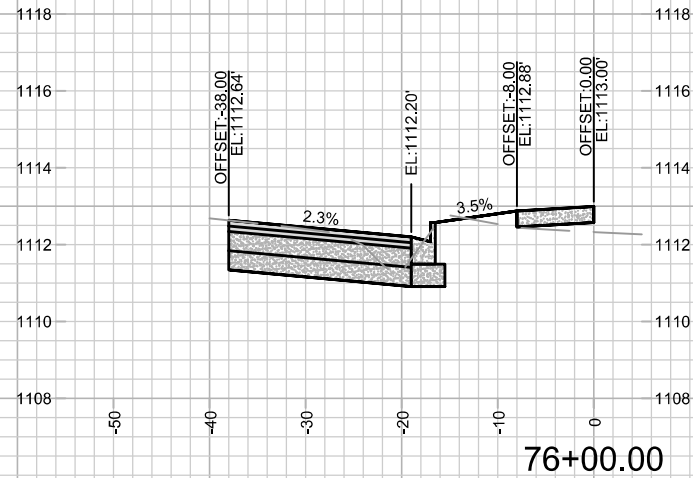
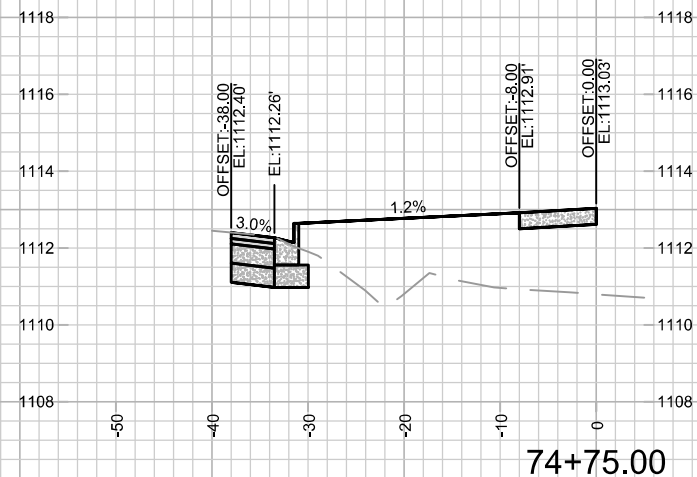
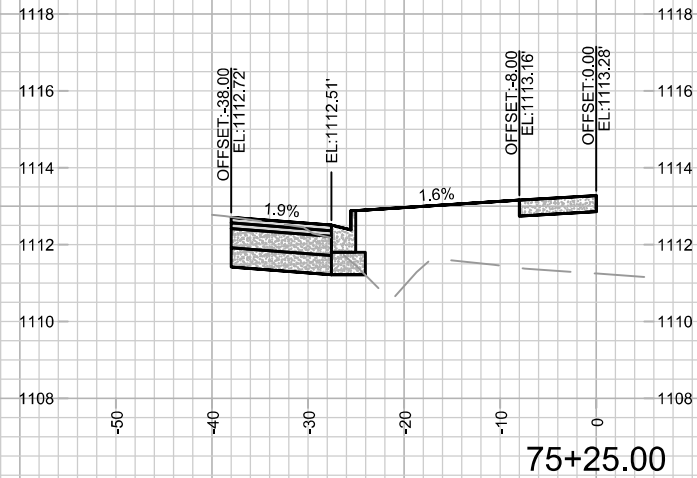
MARK	REVISION	DATE	BY
15188		Date: 8/25/2025 2:31 PM	Scale: 1" = 20'
			X-1









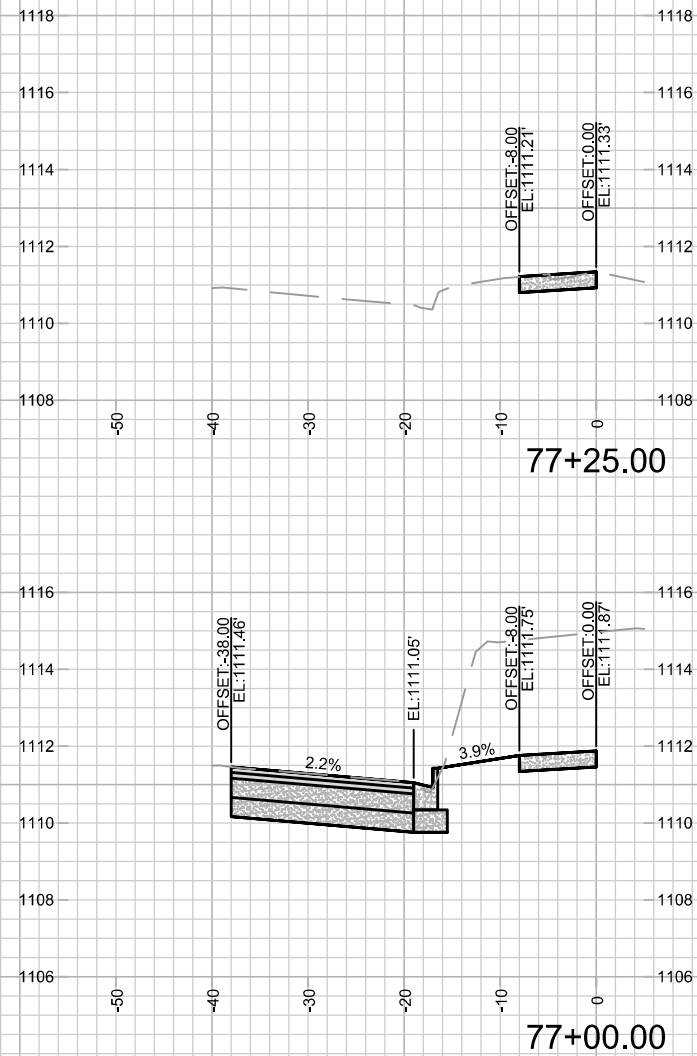


CROSS SECTIONS - ELDERBERRY ROAD
PARAGON PLACE ADDITION NO.1 - PHASE 3
M:\DESIGN\Projects\15188\CAD\Streets\15188EN-AllProf&Corridor_Setup.dwg

15188
MADISON, WI
CONTRACT NO: 9523

MARK	REVISION	DATE	BY
15188	15188	8/25/2025 2:31 PM	15188

15188
X-6





15188

X-7

CROSS SECTIONS - ELDERBERRY ROAD

PARAGON PLACE ADDITION NO.1 - PHASE 3

M:\DESIGN\Projects\15188\CAD\Streets\15188EN-AllProf&Corridor_Setup.dwg

15188

MADISON, WI

CONTRACT NO: 9523

MARK	REVISION	DATE	BY
15188			
Designed By: ID		Scale: 1" = 20'	
15188		X-7	