

Madison, Wisconsin

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CITY OF MADISON

CITY ENGINEERING DIVISION

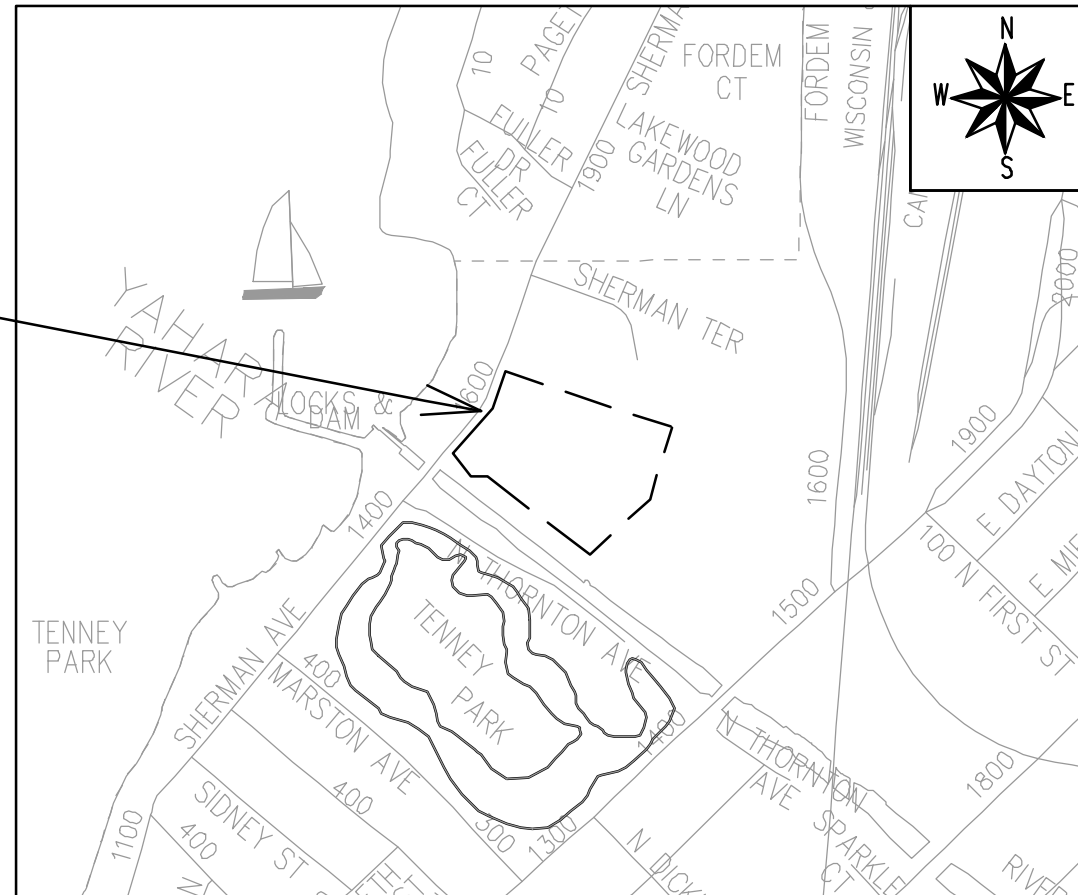
DEPARTMENT OF PUBLIC WORKS

PLAN OF PROPOSED IMPROVEMENT

1601 - 1617 SHERMAN AVENUE CSM

CITY PROJECT NO. 14792
 CONTRACT NO. 9332

PROJECT
LOCATION



PUBLIC IMPROVEMENT PROJECT APPROVED

OCTOBER 17, 2023

BY THE COMMON COUNCIL OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN APPROVED BY:

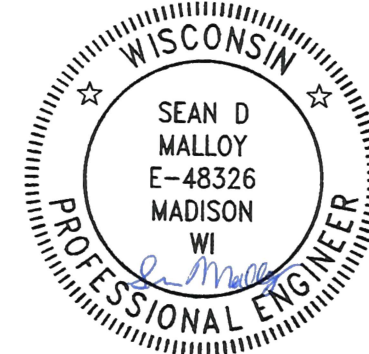
Julie Jun 26, 2024
 City Engineer Date

STREET DESIGNED BY:



Jun 26, 2024

STREET GEOMETRY AND MARKINGS DESIGNED BY:



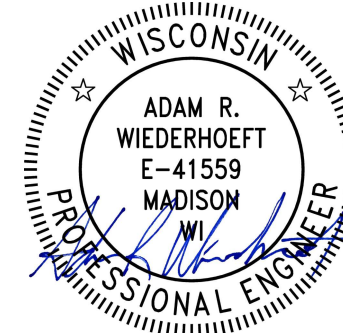
Jun 27, 2024

STORM SEWER DESIGNED BY:



Jun 27, 2024

WATER DESIGNED BY:



Jun 26, 2024

SANITARY SEWER DESIGNED BY:



Jun 26, 2024

PLOT SCALE: 1 IN = 1 FT XREF

PLOT NAME: ---

REV. DATE: 6/20/2024 8:00 AM

ORIGINATOR: CITY_OF_MADISON

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, GRECIA IZQUIERDO TORRES, AT GIZQUIERDO@CITYOFMADISON.COM FOR CAD FILES AND ALIGNMENT DATA PRIOR TO STAKING.

ALL PAVEMENT ON LOCK LANE 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.

OBTAIN A PRINT OUT OF THE ALIGNMENTS FROM THE CITY PROJECT ENGINEER PRIOR TO STAKING THIS PROJECT. THE CITY PROJECT ENGINEER IS GRECIA IZQUIERDO, EMAIL: GIZQUIERDO@CITYOFMADISON.COM

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.

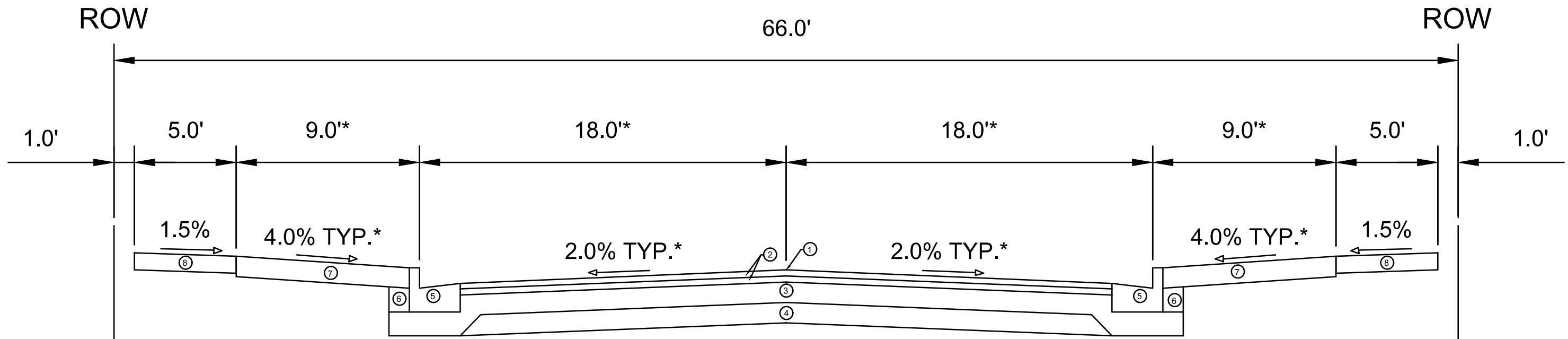
ALL UTILITY VERIFICATIONS AND ACCURACY OF THE DRAWINGS ARE THE RESPONSIBILITY OF THE DEVELOPER. ANY CONFLICTS THAT ARISE FROM MISSING OR ERRONEOUS INFORMATION WILL BE AT THE EXPENSE OF THE DEVELOPER. NO PRECAST STRUCTURES WILL BE APPROVED FOR STORM OR SANITARY SEWER UNTIL ALL POTENTIAL UTILITY CONFLICTS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

CONVENTIONAL SIGNS
FIELD VERIFY ALL UTILITY LOCATIONS

GAS	— G —
STORM SEWER	— ST —
SANITARY SEWER	— SAN —
WATER	— W —
BURIED ELECTRIC	— E —
OVERHEAD ELECTRIC	— OH —
POWER POLE	
ADA COMPLIANT RAMP W/ DETECTABLE WARNING FIELD	
COMBUSTIBLE FLUIDS	

14792	MADISON, WI	9332	14792	14792	D-1
STANDARD NOTES		1601 - 1617 SHERMAN AVENUE CSM		CONTRACT NO:	
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TYPICAL SECTION
LOCK LANE

NOTES:

* SEE P AND X-SHEETS FOR CROSS SLOPES AND WIDTHS

- 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, 7" AT DRIVEWAY LOCATIONS

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14792
MADISON, WI
9332
CONTRACT NO:

TYPICAL SECTION - LOCK LANE
1601 - 1617 SHERMAN AVENUE CSM
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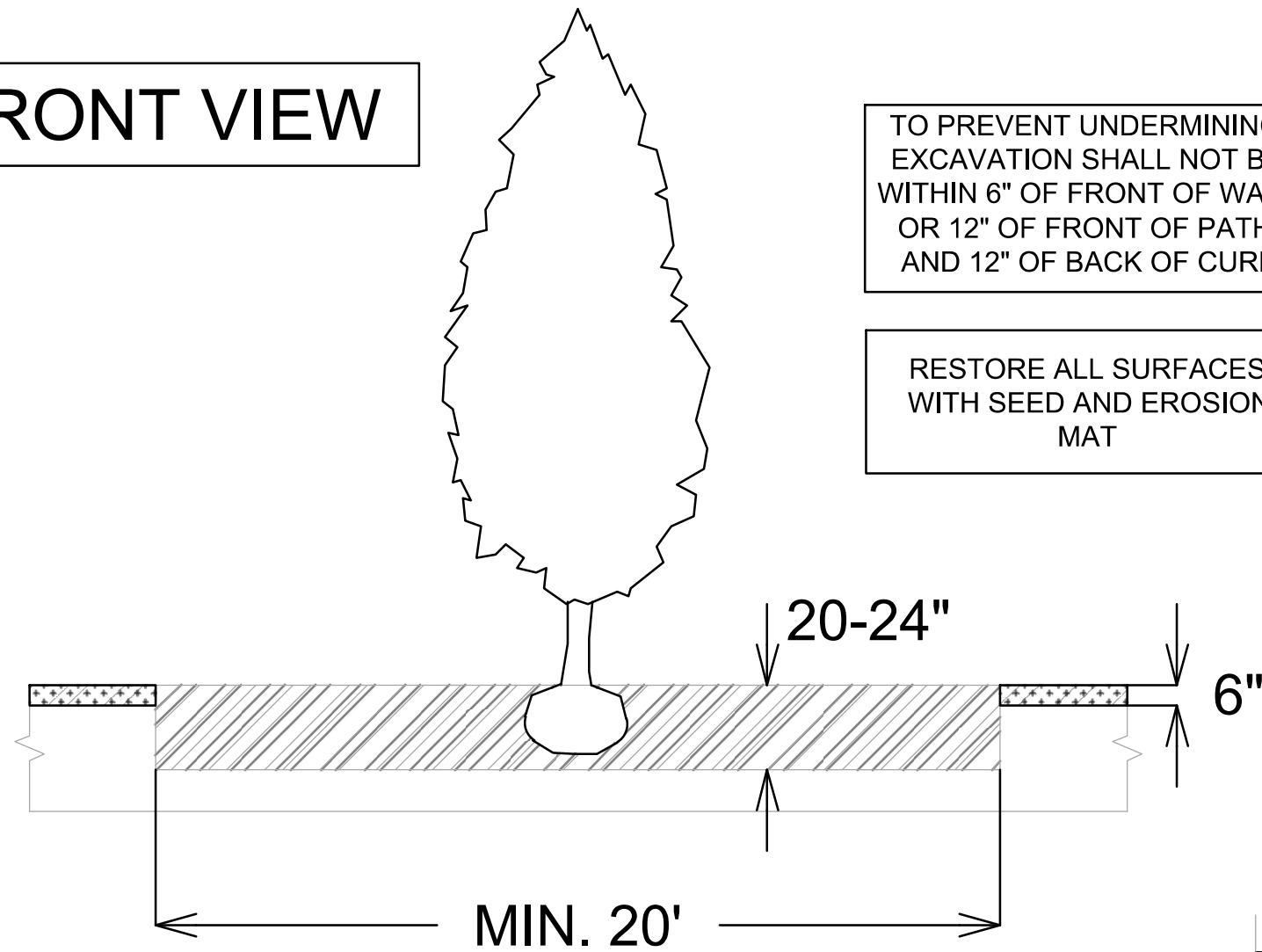


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D-2

TERRACE EXCAVATION FOR TREE PLANTING:

THIS INCLUDES ALL WORK NECESSARY TO EXCAVATE AREAS WITHIN GRASS TERRACES TO AN APPROPRIATE DEPTH SUITABLE FOR NEW TREE PLANTINGS. ALL WORK SHALL BE IN ACCORDANCE WITH ARTICLE 201 OF THE STANDARD SPECIFICATIONS. THE PROPOSED LOCATIONS FOR TREE PLANTINGS ARE IDENTIFIED ON THE LANDSCAPING PLAN INCLUDED WITHIN THIS PLAN SET. PRIOR TO THE CONTRACTOR STARTING THE EXCAVATION WORK, THE ENGINEER AND FORESTRY REPRESENTATIVE SHALL REVIEW THE PLAN LOCATIONS ON-SITE AND CONFIRM THAT NO CONFLICTS ARE ANTICIPATED. ONCE THE LOCATIONS MARKED, THE CONTRACTOR SHALL EXCAVATE THE TERRACE AREA TO A SUITABLE DEPTH FOR NEW TREE PLANTINGS, APPROXIMATELY TWENTY (20) INCHES TO TWENTY-FOUR (24) INCHES. THE TERRACE SHALL BE EXCAVATED TO A MINIMUM LENGTH OF TWENTY (20) FEET, BUT THAT MAY BE REDUCED BY THE CONSTRUCTION ENGINEER TO FIT SITE CONSTRAINTS AS NECESSARY. THE WIDTH OF THE TERRACE SHALL ALSO BE EXCAVATED TO AS CLOSE TO THE SIDEWALK/PATH AND CURB AS IS REASONABLE. WHILE PERFORMING THE EXCAVATION, THE CONTRACTOR SHALL TAKE CARE TO NOT UNDERMINE OR DAMAGE THE ADJACENT CURB OR SIDEWALK. IF DAMAGED DURING THE EXCAVATION PROCESS, THE DEVELOPER SHALL REPLACE CURB OR SIDEWALK/PATH AT THEIR COST. ONCE THE AREA IS EXCAVATED, THE CONTRACTOR SHALL BACKFILL THE EXCAVATED AREA WITH REGULAR TOPSOIL, AND THE SURFACE SHALL BE RESTORED WITH SEED AND EROSION MAT.

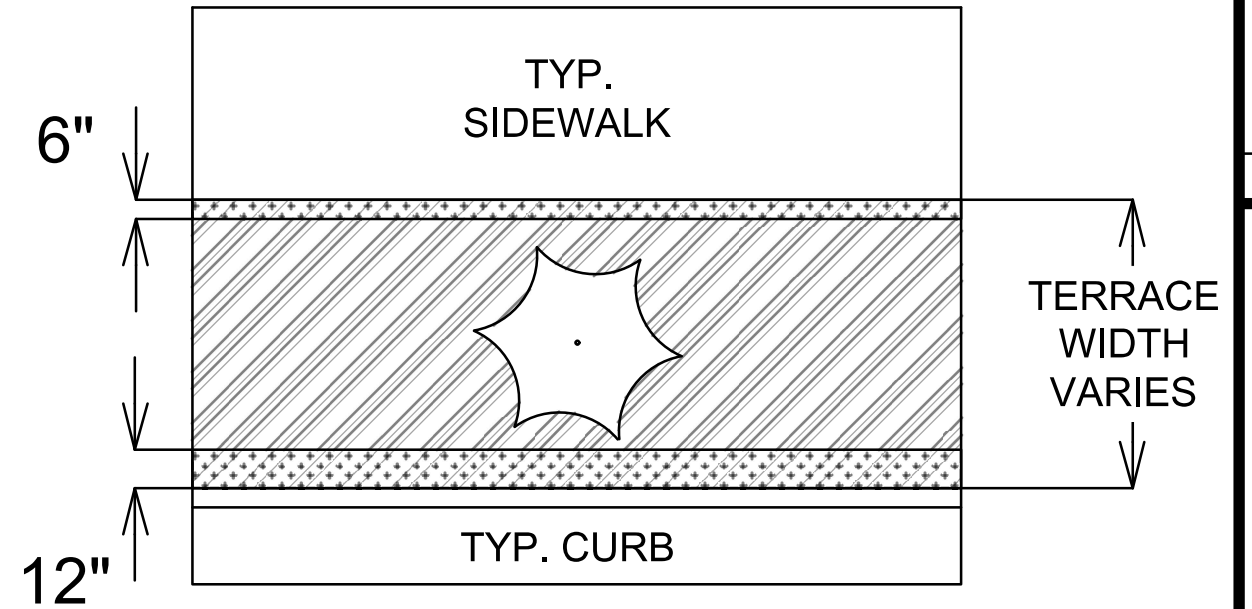
FRONT VIEW





TO PREVENT UNDERMINING, EXCAVATION SHALL NOT BE WITHIN 6" OF FRONT OF WALK OR 12" OF FRONT OF PATH, AND 12" OF BACK OF CURB

RESTORE ALL SURFACES WITH SEED AND EROSION MAT

TOP VIEW

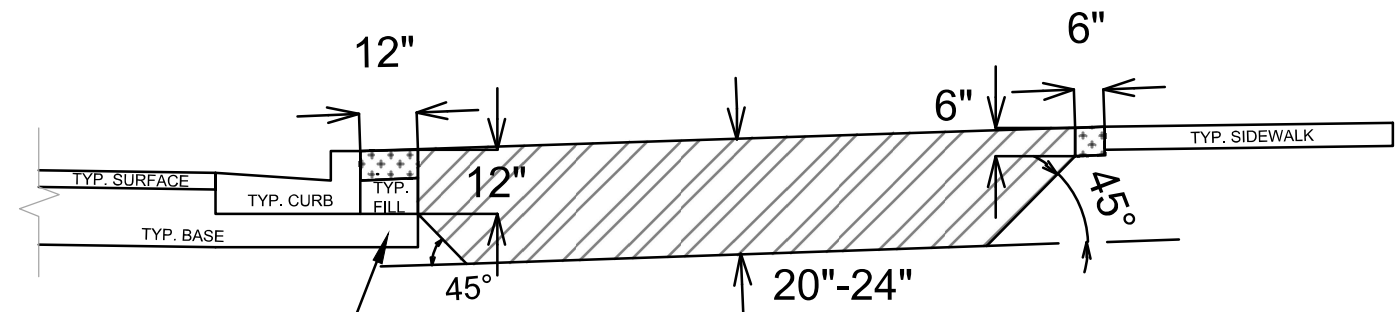


LEGEND

-  AREA TO BE EXCAVATED 20-24" DEEP AND BACKFILLED WITH TOPSOIL
-  AREA TO BE 6" TOPSOIL

12" BASE EXTENSION BEHIND CURB

SECTION VIEW



SPECIAL NOTES:

REFER TO S.D.D. 2.01 FOR STANDARD PLANTING TECHNIQUE FOR TREES IN TURF AREAS.

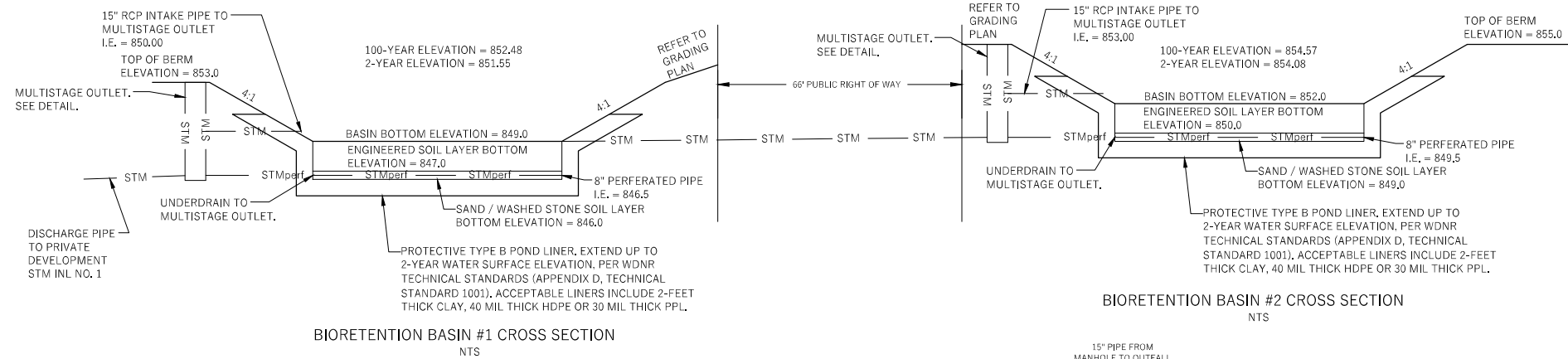
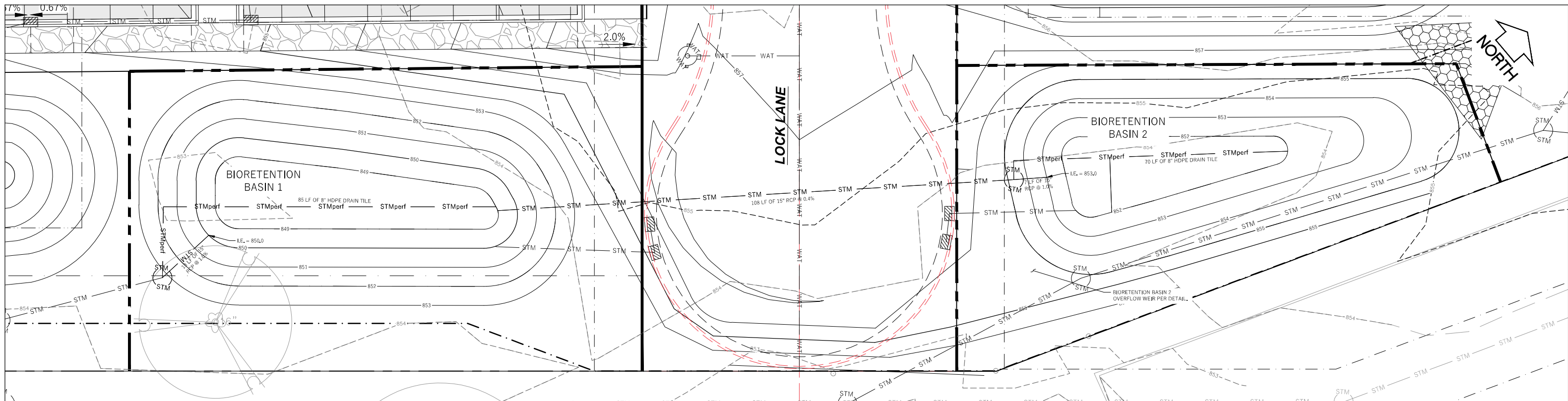
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MADISON, WI
9332
CONTRACT NO:

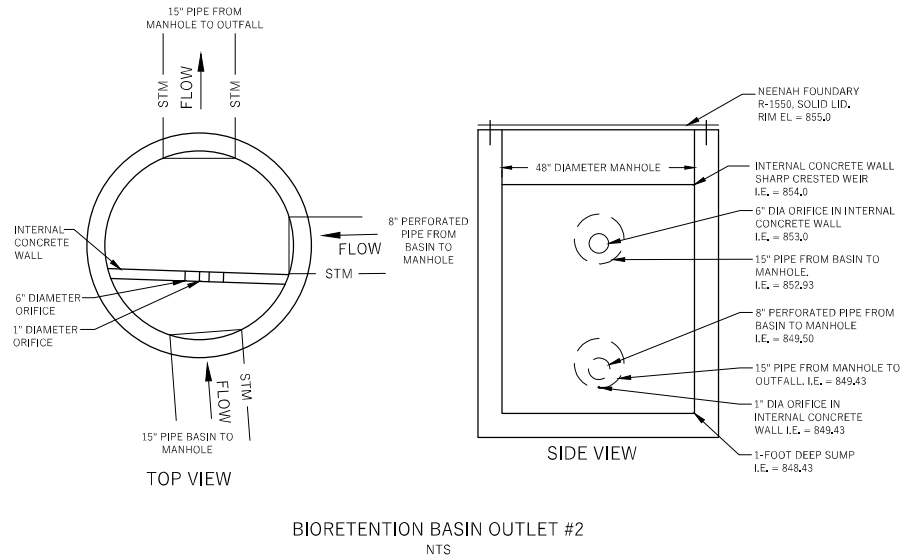
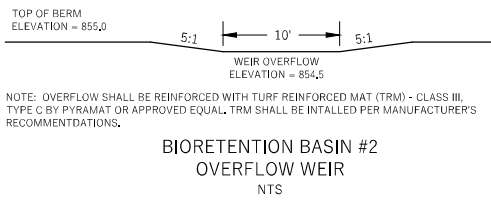
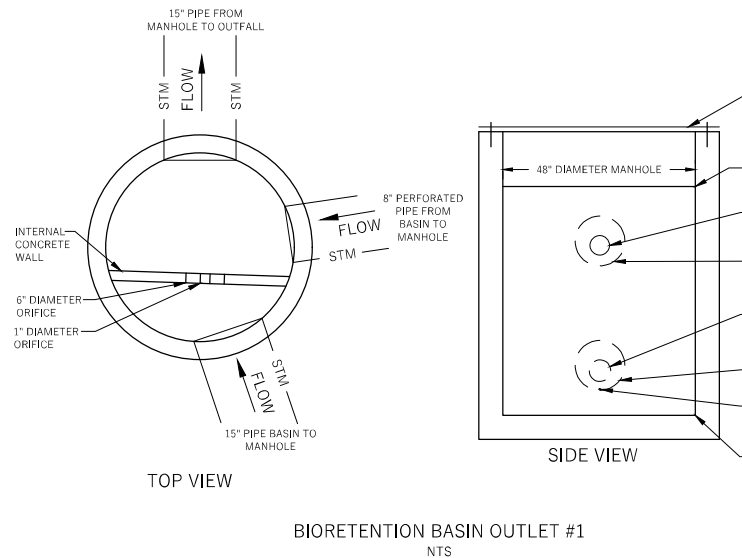
TREE EXCAVATION DETAILS
1601 - 1617 SHERMAN AVENUE CSM
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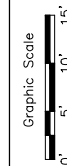
- NOTES:
1. BIORETENTION BASIN SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE WDNR TECHNICAL STANDARD STANDARD 1004 - BIORETENTION BASIN INCLUDING CLEANOUTS AND OBSERVATION WELLS WHERE SHOWN.
 2. FILTER FABRIC SHALL BE PLACED ABOVE THE PERFORATED PIPE, BETWEEN THE PEA GRAVEL AND THE ENGINEERED SOIL, A WIDTH OF 4 FEET CENTERED OVER THE FLOW LINE OF THE PIPE.
 3. BIORETENTION BASIN SHALL BE PLANTED WITH NATIVE PLUGS 1 FT ON CENTER OR WITH NATIVE VEGETATION MAT. THE PLANTING PLAN MUST BE APPROVED BY ENGINEER PRIOR TO PLANTING. VEGETATION ESTABLISHMENT IN THE BIORETENTION BASIN IS TO BE COMPLETED BY A CONTRACTOR WITH EXPERTISE IN NATIVE VEGETATION ESTABLISHMENT.



Jun 27, 2024

1617 SHERMAN AVE
VERMILION
CITY OF MADISON, DANE COUNTY, WI

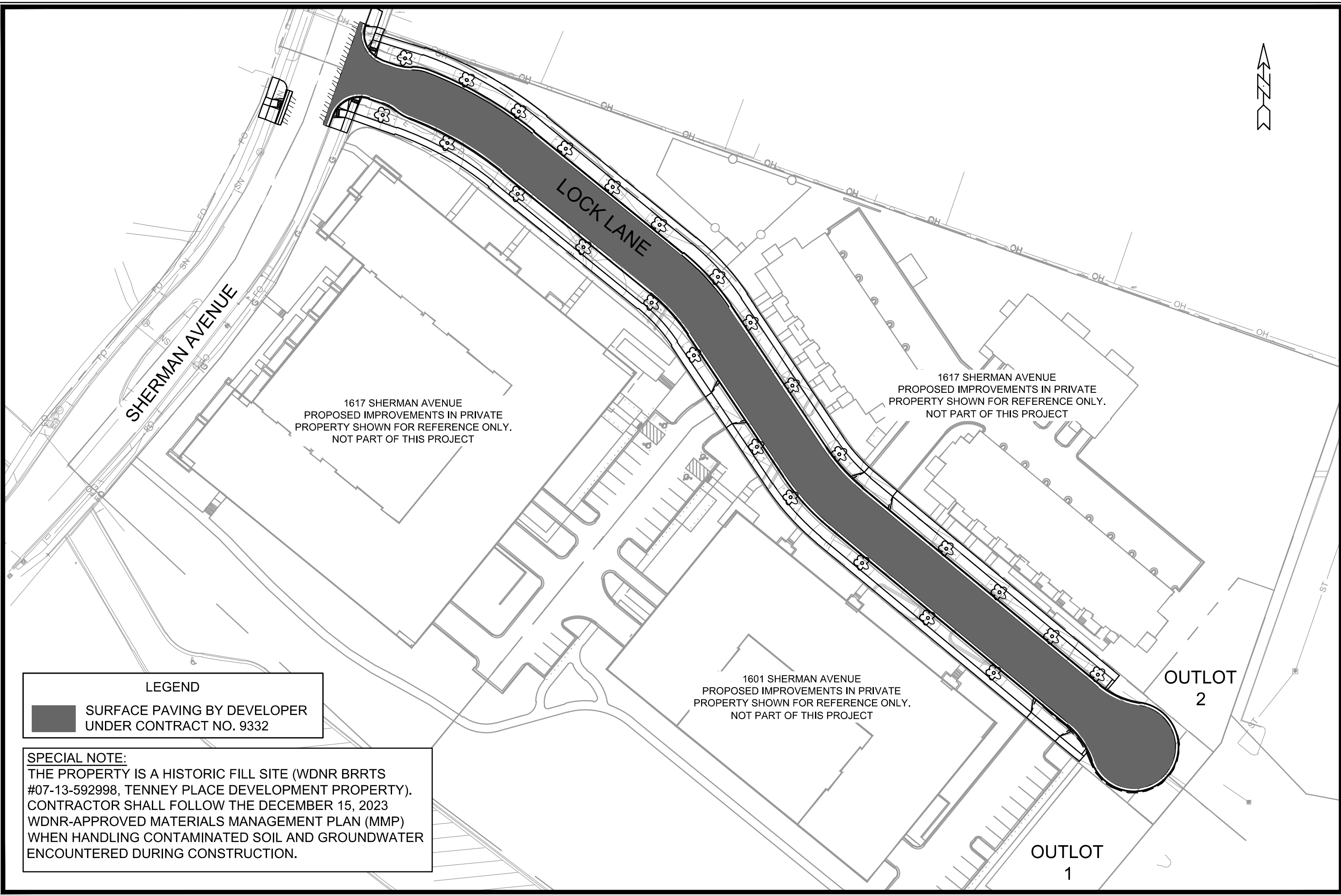
Sheet Title:
STORMWATER FACILITY DETAILS
1617 SHERMAN AVE
MADISON, WI 53704



Revisions:	No.	Date:	Description:

Wyser Number	22-0956
Set Type	REVIEW
Date Issued	05/24/2024
Sheet Number	D-4

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LEGEND

 SURFACE PAVING BY DEVELOPER UNDER CONTRACT NO. 9332

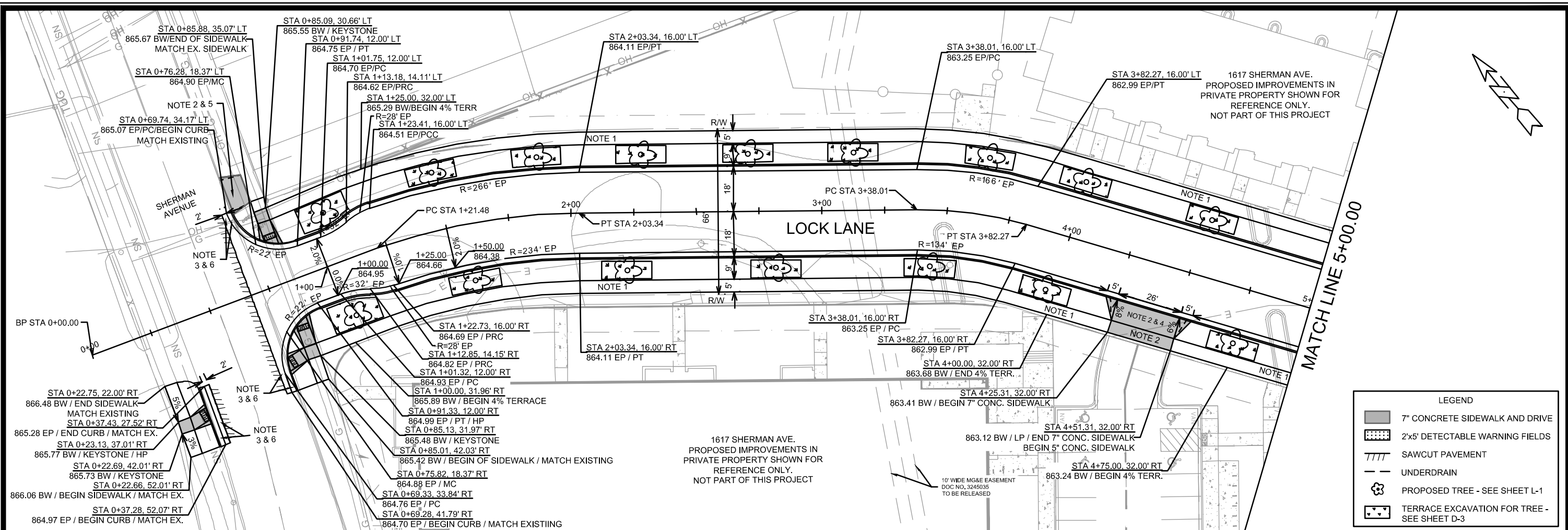
SPECIAL NOTE:
 THE PROPERTY IS A HISTORIC FILL SITE (WDNR BRRTS #07-13-592998, TENNEY PLACE DEVELOPMENT PROPERTY). CONTRACTOR SHALL FOLLOW THE DECEMBER 15, 2023 WDNR-APPROVED MATERIALS MANAGEMENT PLAN (MMP) WHEN HANDLING CONTAMINATED SOIL AND GROUNDWATER ENCOUNTERED DURING CONSTRUCTION.

MARK	REVISION	DATE	BY

14792
 MADISON, WI
 CONTRACT NO: 9332

OVERVIEW PLAN
 1601 - 1617 SHERMAN AVENUE CSM
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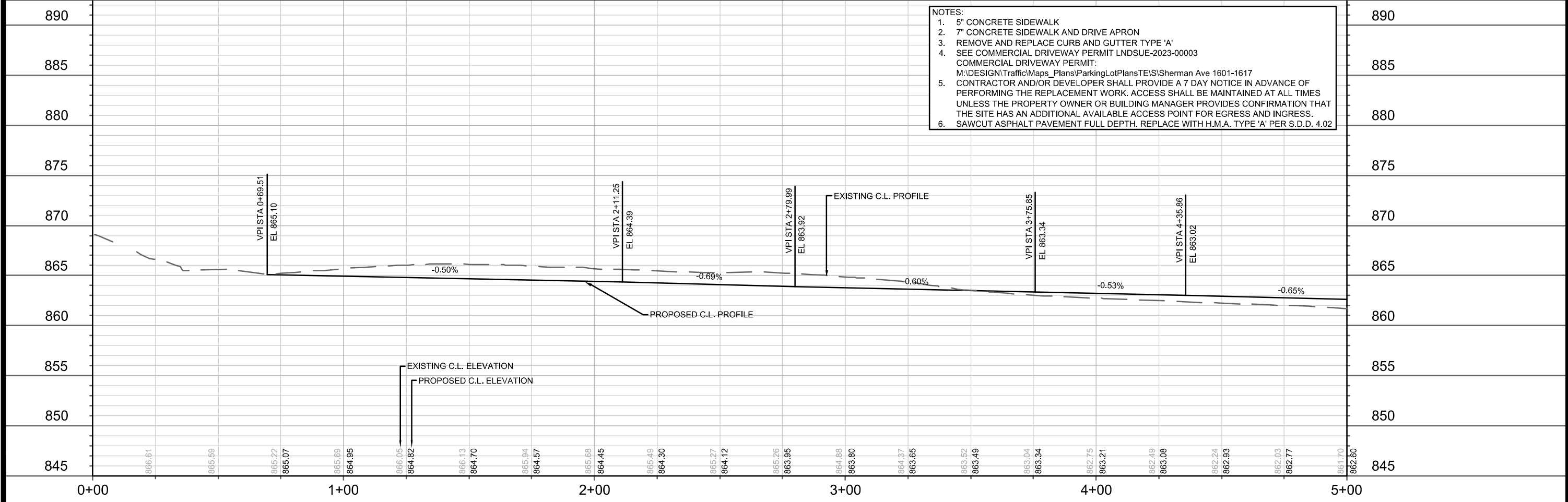

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1617 SHERMAN AVE.
PROPOSED IMPROVEMENTS IN
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NOT PART OF THIS PROJECT

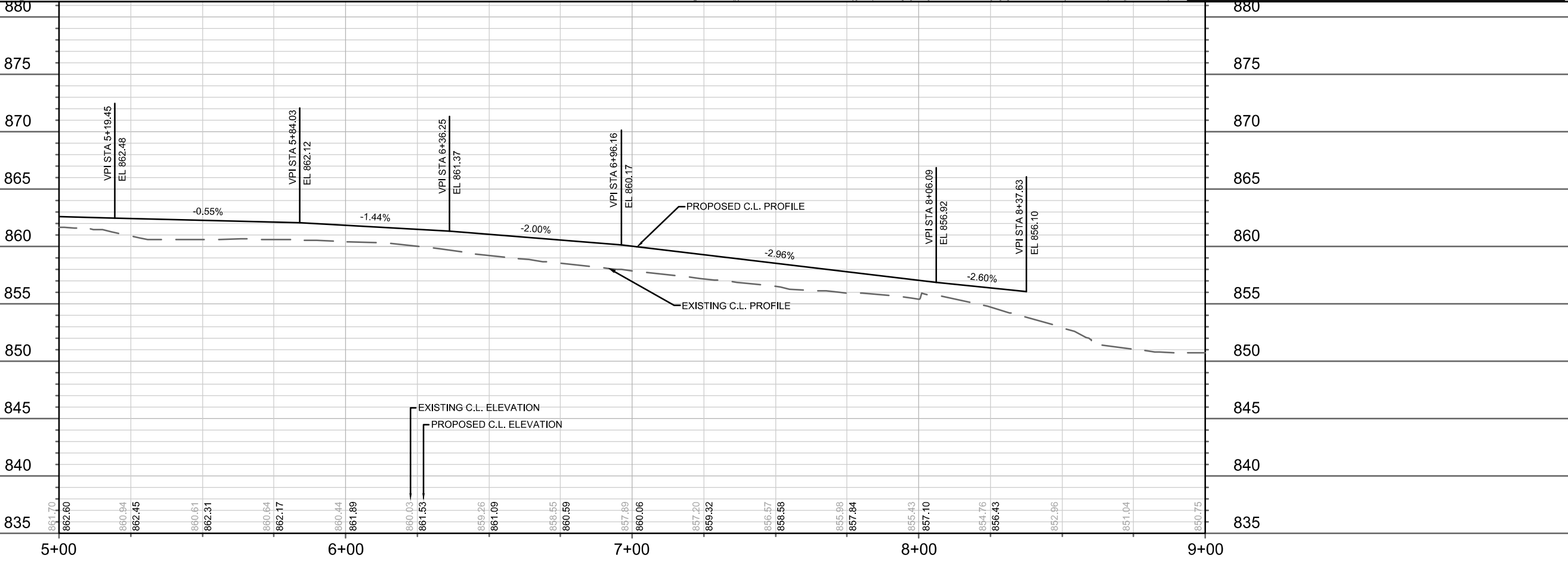
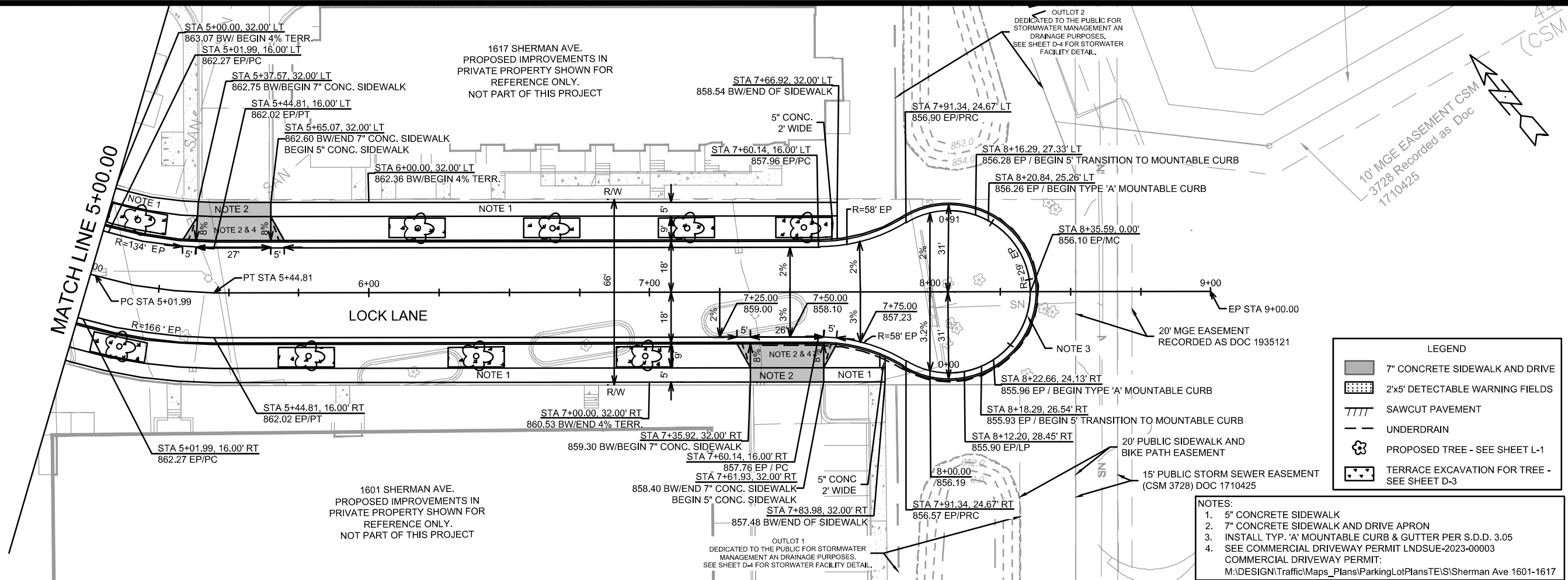
1617 SHERMAN AVE.
PROPOSED IMPROVEMENTS IN
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NOT PART OF THIS PROJECT

LEGEND	
	7" CONCRETE SIDEWALK AND DRIVE
	2'x5' DETECTABLE WARNING FIELDS
	SAWCUT PAVEMENT
	UNDERDRAIN
	PROPOSED TREE - SEE SHEET L-1
	TERRACE EXCAVATION FOR TREE - SEE SHEET D-3



- NOTES:
- 5" CONCRETE SIDEWALK
 - 7" CONCRETE SIDEWALK AND DRIVE APRON
 - REMOVE AND REPLACE CURB AND GUTTER TYPE 'A'
 - SEE COMMERCIAL DRIVEWAY PERMIT LND3UE-2023-00003 COMMERCIAL DRIVEWAY PERMIT:
M:\DESIGN\Traffic\Maps_Plans\ParkingLotPlans\TE\IS\Sherman Ave 1601-1617 CONTRACTOR AND/OR DEVELOPER SHALL PROVIDE A 7 DAY NOTICE IN ADVANCE OF PERFORMING THE REPLACEMENT WORK. ACCESS SHALL BE MAINTAINED AT ALL TIMES UNLESS THE PROPERTY OWNER OR BUILDING MANAGER PROVIDES CONFIRMATION THAT THE SITE HAS AN ADDITIONAL AVAILABLE ACCESS POINT FOR EGRESS AND INGRESS.
 - SAWCUT ASPHALT PAVEMENT FULL DEPTH. REPLACE WITH H.M.A. TYPE 'A' PER S.D.D. 4.02

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CONTRACT NO:		
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LEGEND

- 7" CONCRETE SIDEWALK AND DRIVE
- 2'x5' DETECTABLE WARNING FIELDS
- SAWCUT PAVEMENT
- UNDERDRAIN
- PROPOSED TREE - SEE SHEET L-1
- TERRACE EXCAVATION FOR TREE - SEE SHEET D-3

14792

MADISON, WI

CONTRACT NO: 9332

PLAN AND PROFILE - LOCK LANE

1601 - 1617 SHERMAN AVENUE CSM

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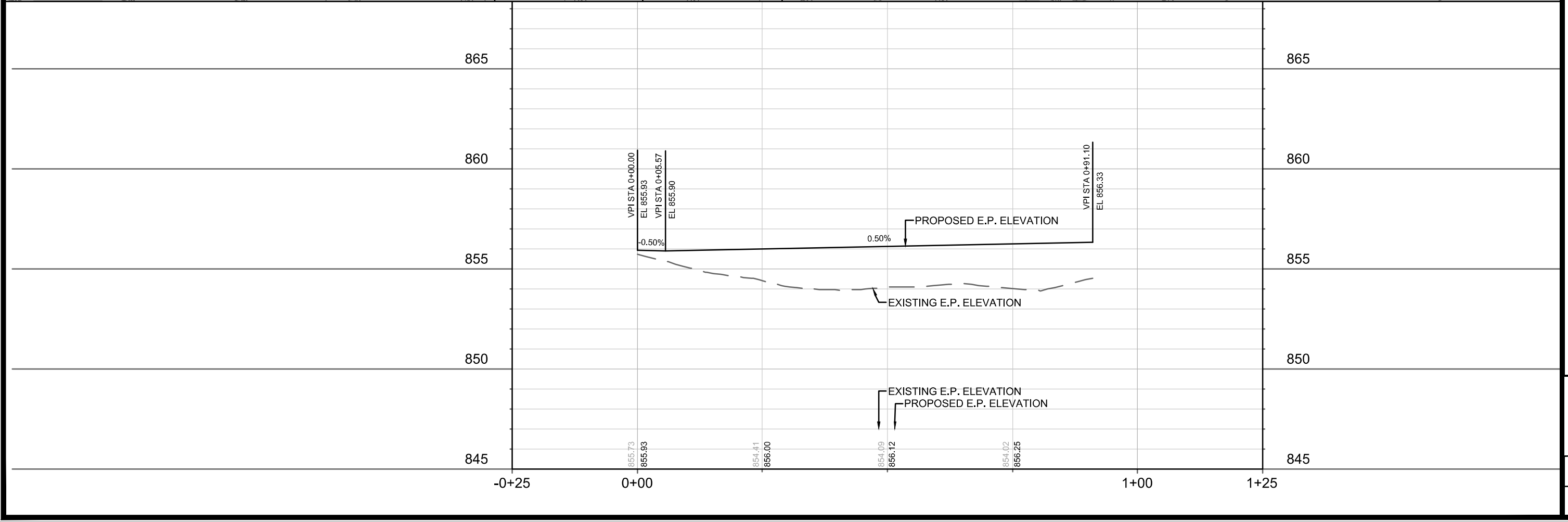
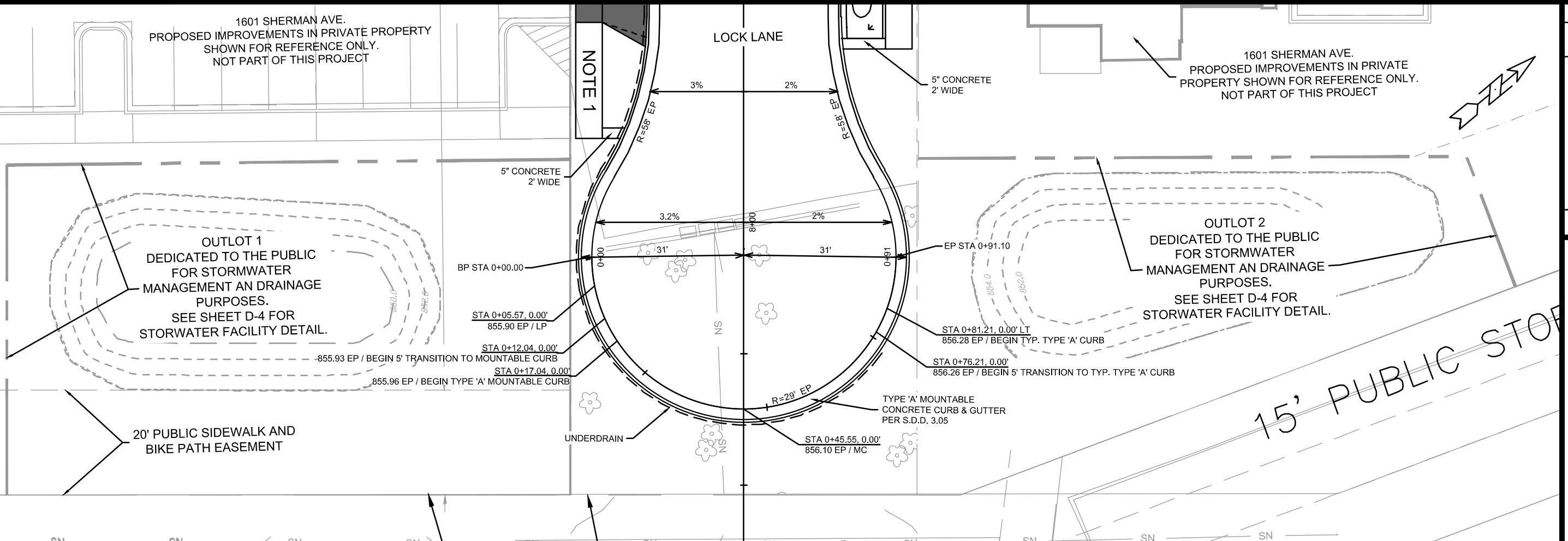
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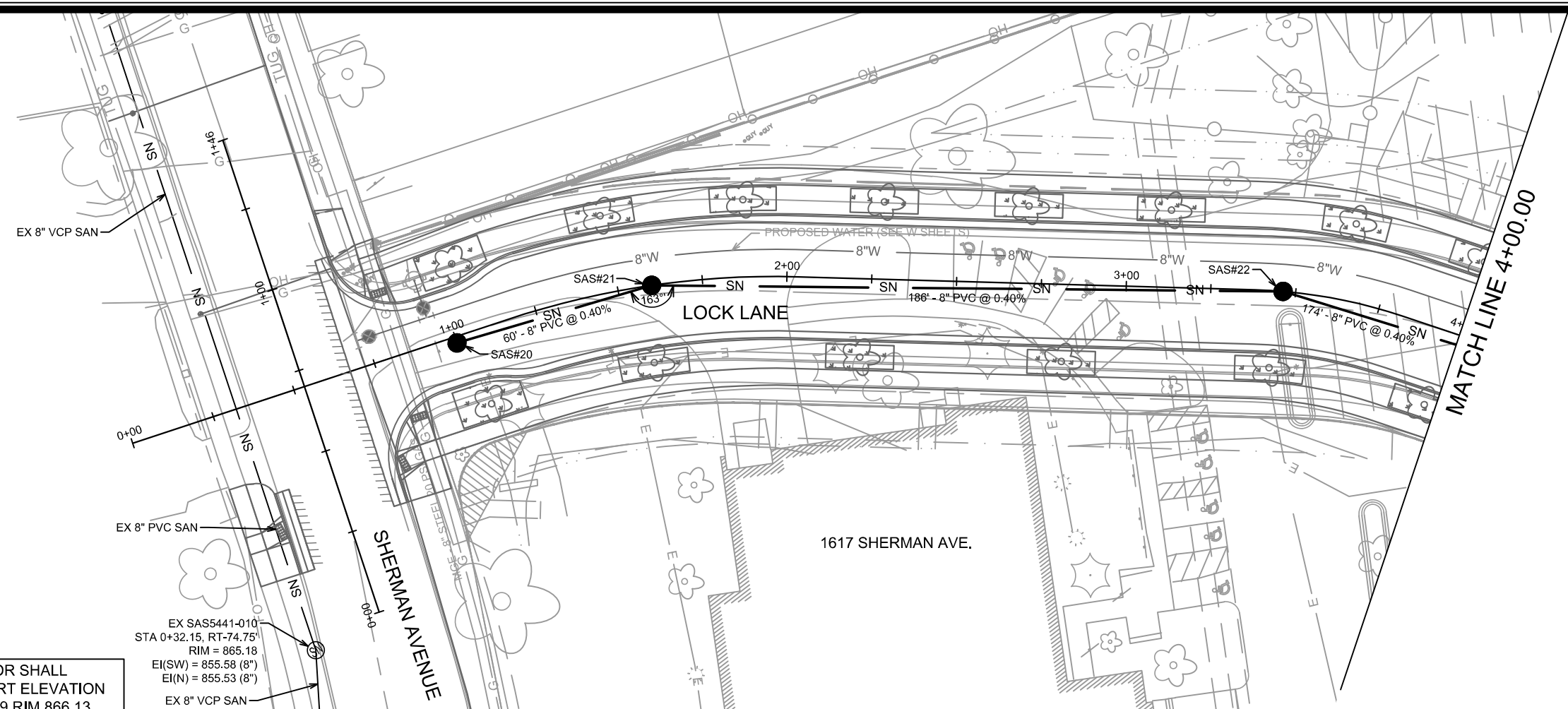
1601 SHERMAN AVE.
PROPOSED IMPROVEMENTS IN PRIVATE PROPERTY
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NOT PART OF THIS PROJECT

1601 SHERMAN AVE.
PROPOSED IMPROVEMENTS IN PRIVATE
PROPERTY SHOWN FOR REFERENCE ONLY.
NOT PART OF THIS PROJECT

NOTE 1

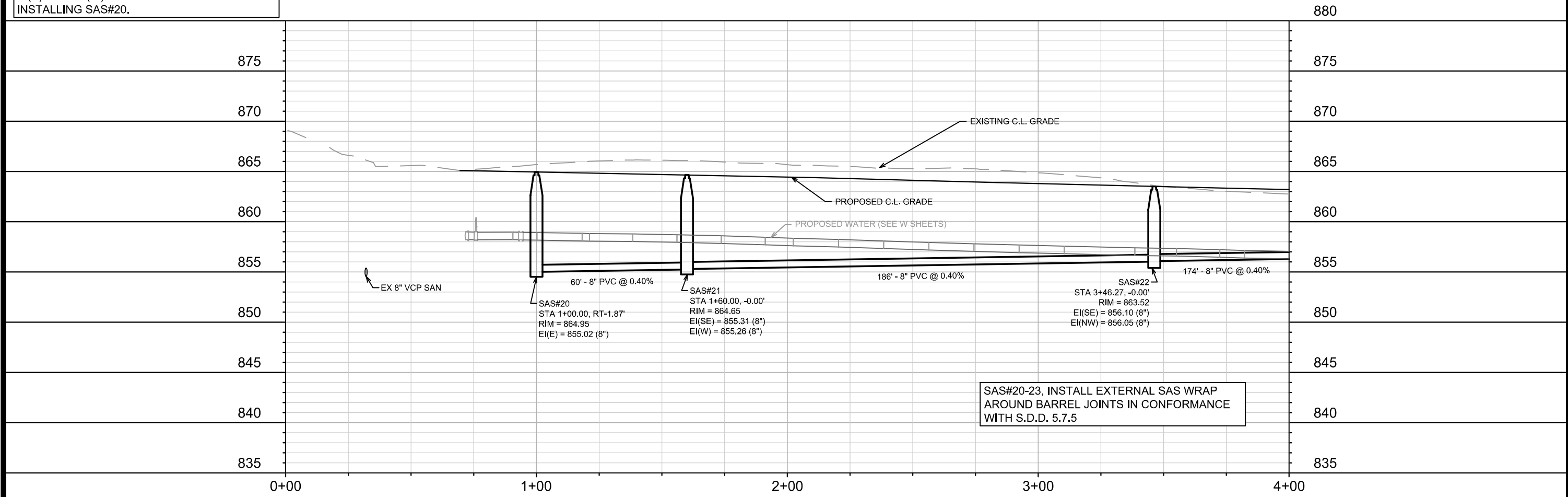


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CONTRACT NO:	
PLAN & PROFILE - LOCK LANE (CUL-DE-SAC)	
1601 - 1617 SHERMAN AVENUE CSM	
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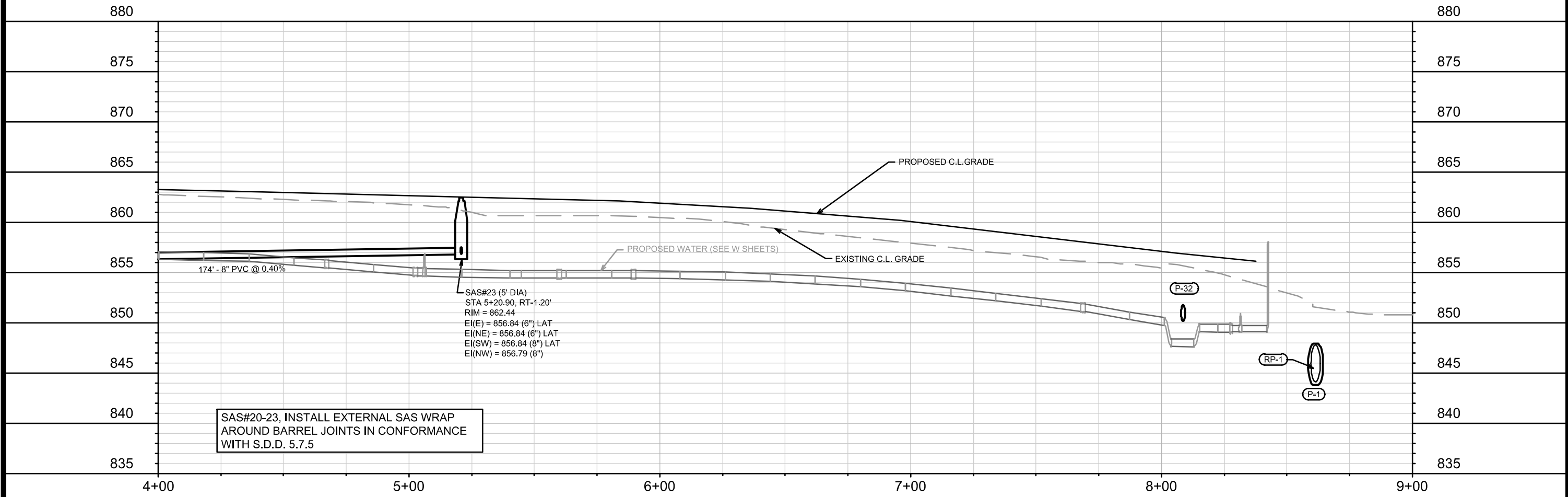
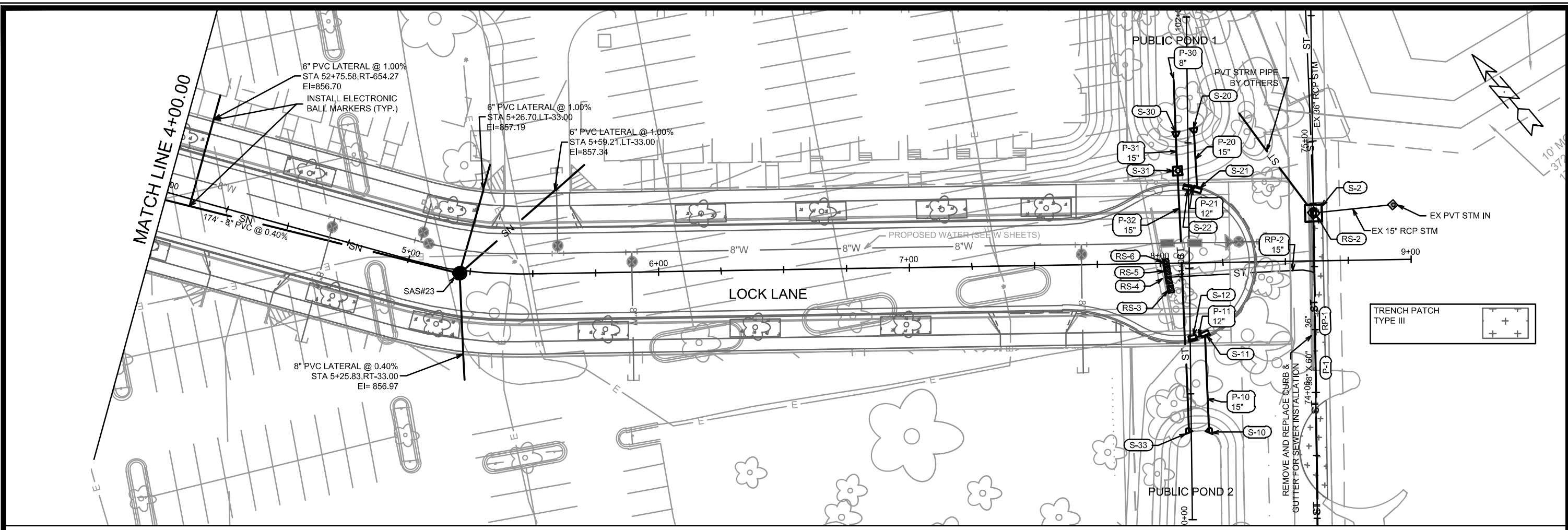
NOTE: DEVELOPER'S SURVEYOR SHALL CHECK & CONFIRM THAT INVERT ELEVATION OF FUTURE SAS AT STA 0+32.09 RIM 866.13 EI(E)=854.75 (8") WILL WORK PRIOR TO INSTALLING SAS#20.

EX SAS5441-010
 STA 0+32.15, RT-74.75'
 RIM = 865.18
 EI(SW) = 855.58 (8")
 EI(N) = 855.53 (8")
 EX 8" VCP SAN



SAS#20-23, INSTALL EXTERNAL SAS WRAP AROUND BARREL JOINTS IN CONFORMANCE WITH S.D.D. 5.7.5

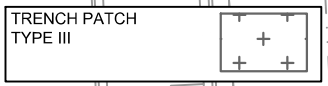
14792	MADISON, WI	9332	CONTRACT NO:
UTILITY PLAN & PROFILE LOCK LANE 1601 - 1617 SHERMAN AVENUE CSM			
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14792 U-1			



SAS#20-23, INSTALL EXTERNAL SAS WRAP AROUND BARREL JOINTS IN CONFORMANCE WITH S.D.D. 5.7.5

14792	14792	14792	U-2
MADISON, WI	MADISON, WI	9332	
UTILITY PLAN & PROFILE LOCK LANE	1601 - 1617 SHERMAN AVENUE CSM		
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14792			
U-2			

NO STORAGE OF MATERIALS IN PARK CONTACT CHAD HUGHES @ 608-267-8804 72HR BEFORE START OF WORK WITHIN THE PARK AND SHORELINE AREA



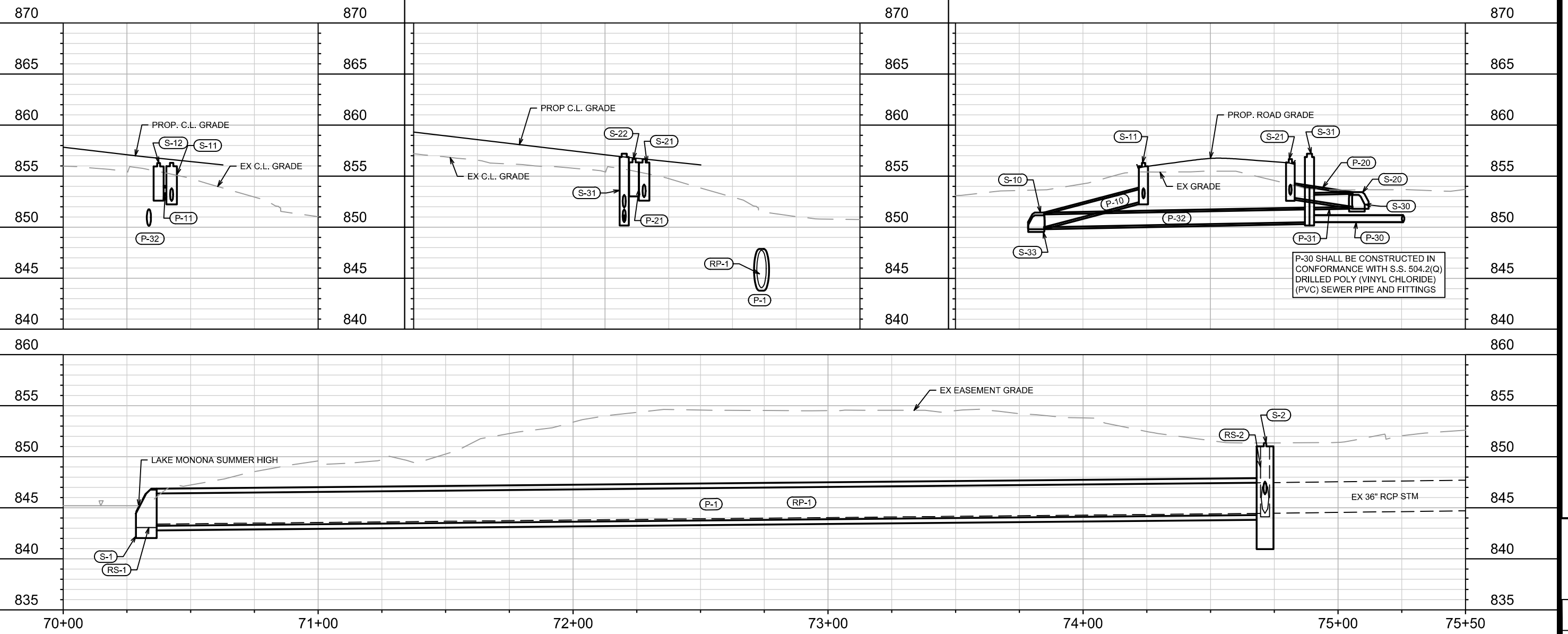
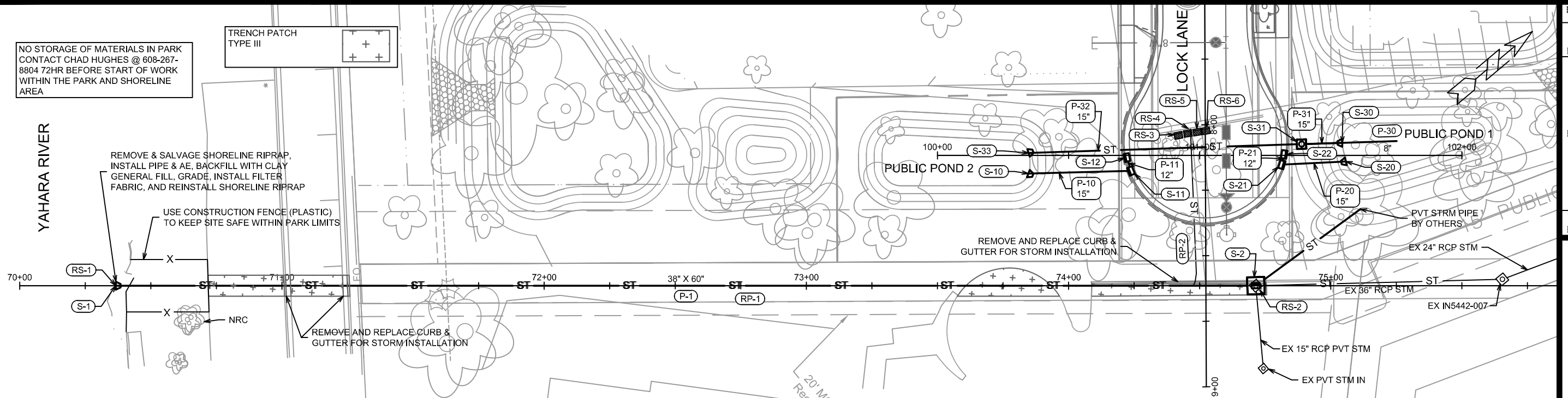
YAHARA RIVER

REMOVE & SALVAGE SHORELINE RIPRAP, INSTALL PIPE & AE, BACKFILL WITH CLAY GENERAL FILL, GRADE, INSTALL FILTER FABRIC, AND REINSTALL SHORELINE RIPRAP

USE CONSTRUCTION FENCE (PLASTIC) TO KEEP SITE SAFE WITHIN PARK LIMITS

REMOVE AND REPLACE CURB & GUTTER FOR STORM INSTALLATION

PVT STRM PIPE BY OTHERS



P-30 SHALL BE CONSTRUCTED IN CONFORMANCE WITH S.S. 504.2(Q) DRILLED POLY (VINYL CHLORIDE) (PVC) SEWER PIPE AND FITTINGS

UTILITY PLAN & PROFILE STORM EASEMENT

1601 - 1617 SHERMAN AVENUE CSM

14792

MADISON, WI

14792

9332

CONTRACT NO:



14792

U-3

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MARK REVISION DATE BY
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U-3

SANITARY SEWER SCHEDULE

1601-1617 SHERMAN AVENUE

SHEET NO.

PROJECT NO. 14792

U-4

SANITARY SEWER SCHEDULE

CITY OF MADISON

PROPOSED SANITARY STRUCTURES

SAS NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH	NOTES
LOCK LANE						
SAS#20	1+00.00	RT-1.87	864.95	855.02	9.93	TEMP SAS
SAS#21	1+60.00	CL	864.65	855.26	9.39	[2]
SAS#22	3+46.27	CL	863.52	856.05	7.47	[2]
SAS#23	5+20.90	RT-1.20	862.44	856.79	5.65	[1],[2]

PROPOSED SANITARY PIPES

FROM (DNSTM)	TO (UPSTM)	DWNSTRM E.I.	UPSTRM E.I.	PLAN (PAY) LGTH (FT)	SLOPE (%)	PIPE SIZE	PVC TYPE	NOTES
LOCK LANE								
SAS#20	SAS#21	855.02	855.26	60	0.40%	8"	SDR-35	-
SAS#21	SAS#22	855.31	856.05	186	0.40%	8"	SDR-35	-
SAS#22	SAS#23	856.10	856.79	174	0.40%	8"	SDR-35	-

SPECIFIC NOTES

- [1] 5' DIA SANITARY SAS
- [2] INSTALL EXTERNAL SAS WRAP AROUND BARREL JOINTS IN CONFORMANCE WITH S.D.D. 5.7.5

STORM SEWER SCHEDULE

1601-1617 SHERMAN AVENUE
PROJECT NO. 14792

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
LOCK LANE							
S-10	8+18.38	RT-67.52	15" AE	-	850.00	-	-
S-11	8+17.50	RT-28.44	H INLET	856.31	852.57	3.74	W/R-3067-7004-V
S-12	8+12.75	RT-29.90	H INLET	856.28	852.94	3.34	LP,W/R-3067-7004-VB
S-20	8+14.23	LT-53.60	15" AE W/ GATE	-	852.00	-	-
S-21	8+15.37	LT-29.17	H INLET	856.67	852.93	3.74	W/R-3067-7004-V
S-22	8+11.44	LT-30.07	H INLET	856.69	853.35	3.34	W/R-3067-7004-V
S-30	8+07.12	LT-52.22	15" AE W/ GATE	-	852.00	-	-
S-31	8+07.56	LT-36.68	3'X3' STORM SAS	857.20	850.50	6.70	W/ R-1550-0054 [2]
S-33	8+10.49	RT-67.43	15" AE W/ GATE	-	850.00	-	-
STORM EASEMENT							
S-1	8+59.78	RT-415.71		-	843.24	-	[1]
S-2	8+61.50	LT-19.04	6'X6' CATCHBASIN	851.36	844.29	7.07	FP,W/ TWO R-1550-0054 (3' SUMP)

REMOVE STORM STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
LOCK LANE							
RS-3	8+03.75	RT-10.27	H INLET	XX	XX	UNKNOWN	PVT IN
RS-4	8+01.84	RT-5.63	H INLET	XX	XX	UNKNOWN	PVT IN
RS-5	8+02.51	RT-2.99	H INLET	XX	XX	UNKNOWN	PVT IN
RS-6	8+01.96	LT-0.32	H INLET	XX	XX	UNKNOWN	PVT IN
STORM EASEMENT							
RS-1	8+59.78	RT-415.71	36" AE	-	843.41	-	-
RS-2	8+61.50	LT-19.04	3'X3' STORM SAS	851.36	844.46	6.90	UN-NUMBERED INLET

PROPOSED STORM PIPES

PIPE NO.	FROM (DNSTM)	TO (UPSTM)	DISCH. E.I.	INLET E.I.	PLAN (PAY) LGTH (FT)	PIPE LGTH (FT)	SLOPE (%)	PIPE SIZE	TYPE	NOTES
LOCK LANE										
P-10	S-10	S-11	850.00	852.57	39	38	6.74%	15"	TYPE II	-
P-11	S-11	S-12	852.82	852.94	6	2	5.06%	12"	TYPE I - RCP	-
P-20	S-20	S-21	852.00	852.93	25	23	3.97%	15"	TYPE II	-
P-21	S-21	S-22	853.18	853.35	4	1	15.04%	12"	TYPE I - RCP	-
P-30	8+06.53, LT-73.34	S-31	850.50	850.50	37	35	0.00%	8"	UNDERDRAIN	[3]
P-31	S-31	S-30	851.92	852.00	16	14	0.56%	15"	TYPE II	-
P-32	S-33	S-31	850.00	850.50	104	103	0.49%	15"	TYPE I - RCP	-
STORM EASEMENT										
P-1	S-1	S-2	843.24	844.29	435.00	432	0.24%	38" X 60"	HERCP	-

REMOVE STORM PIPES

REMOVE NO.	REMOVE FROM	REMOVE TO	LGTH (FT)	PAY LGTH (FT)	PIPE SIZE	PIPE TYPE	NOTES
LOCK LANE							
RP-2	RP-1	RP-2	60	60	XX	XX	UNKOWN PVT PIPE
STORM EASEMENT							
RP-1	RS-1	RS-2	435	0	36"	RCP	-

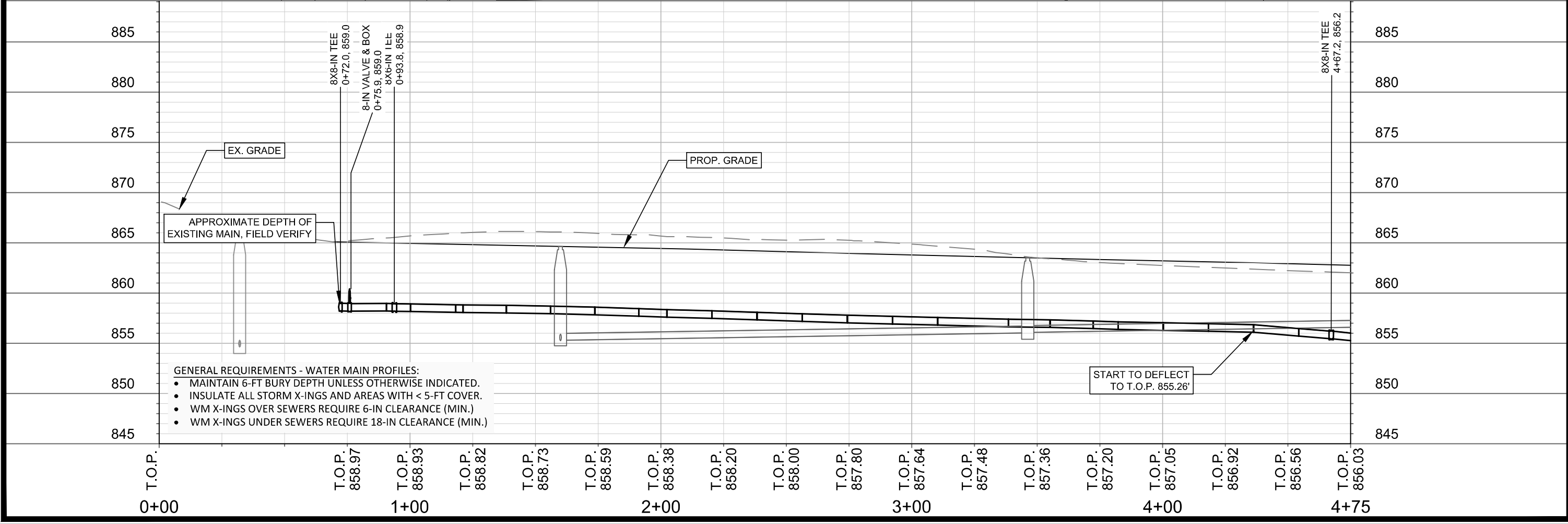
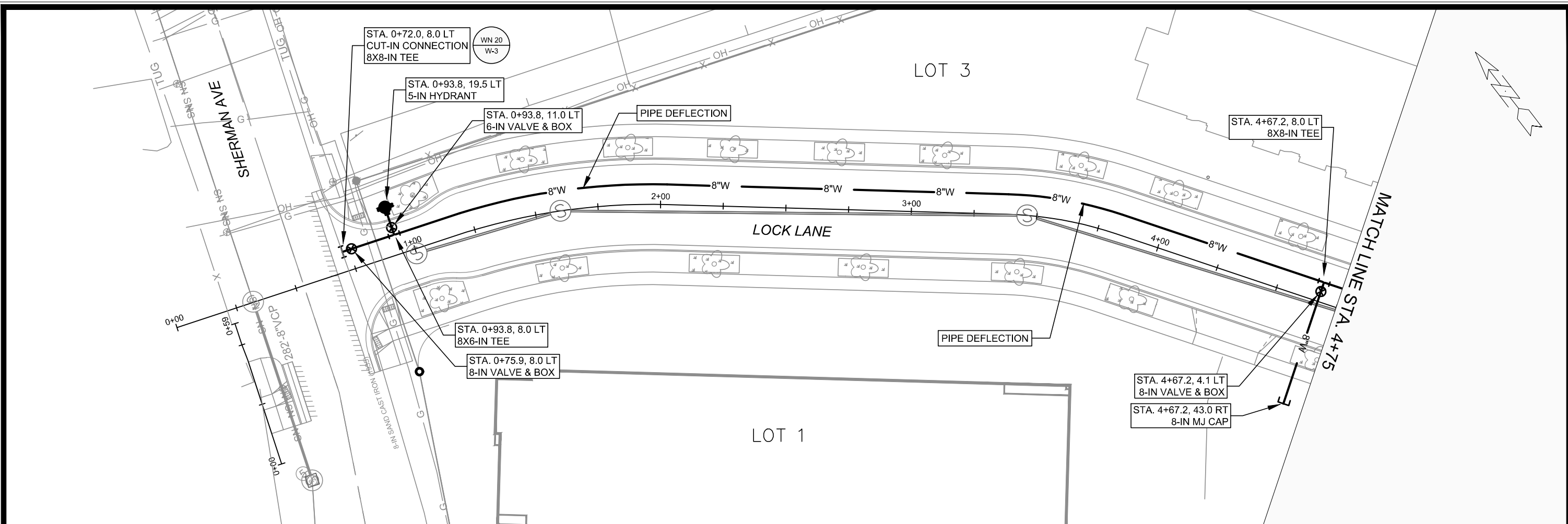
NOTE: PLAN LENGTH (PAY LENGTH) IS FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE. PIPE LENGTH IS ACTUAL LENGTH OF PIPE FROM STRUCTURE WALL TO STRUCTURE WALL. SLOPE CALCULATED USING PIPE LENGTH.

SPECIFIC NOTES

- [1] REMOVE & SALVAGE SHORELINE RIPRAP, INSTALL PIPE & AE, BACKFILL WITH CLAY GENERAL FILL, GRADE, INSTALL FILTER FABRIC (PAID AS BID ITEM 20256 - RIPRAP FILTER FABRIC, TYPE HR), AND REINSTALL SHORELINE RIPRAP
- [2] WEIR WALL INSIDE SAS SET TO EL = 854.00
- [3] PVC UNDERDRAIN SHALL BE CONSTRUCTED IN CONFORMANCE WITH S.S. 504.2(Q) DRILLED POLY (VINYL CHLORIDE) (PVC) SEWER PIPE AND FITTINGS

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 TODD CHOJNOWSKI OF CITY ENGINEERING AT (608) 266-4094 FOR PRECAST APPROVALS, FAX SHOP DRAWINGS TO (608)264-9275, OR EMAIL SHOP DRAWINGS TO TCHOJNOWSKI@CITYOFMADISON.COM.



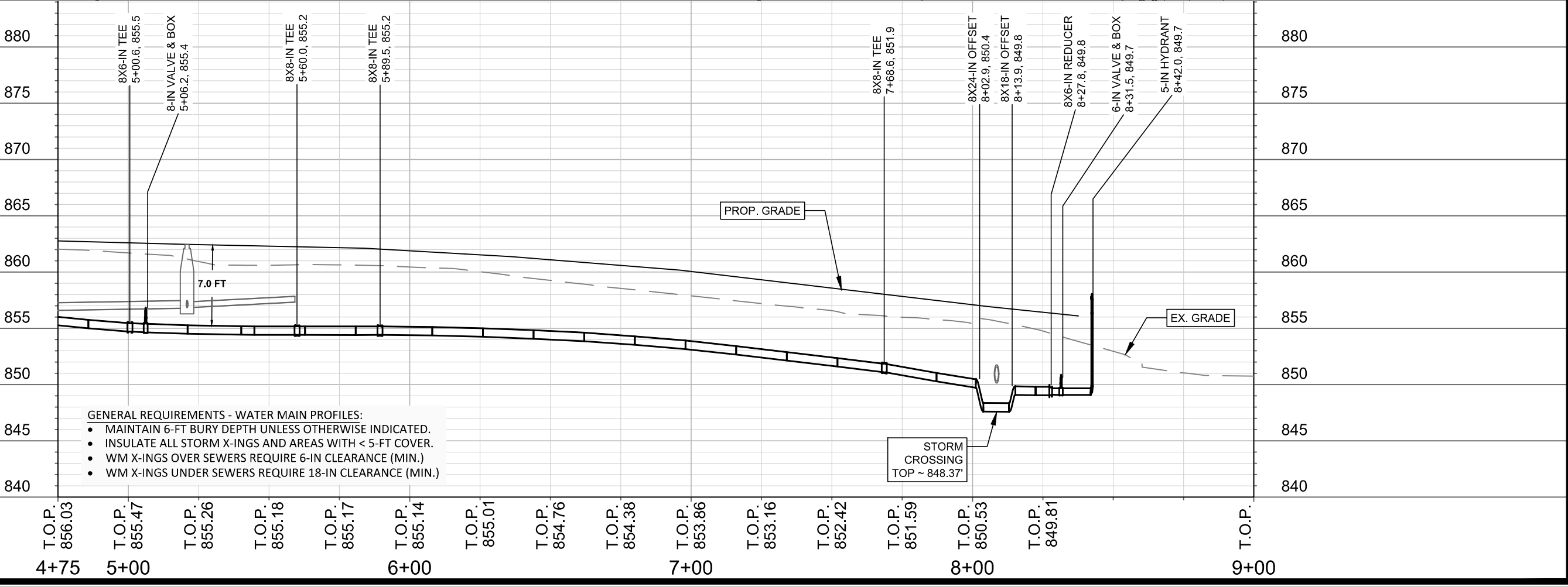
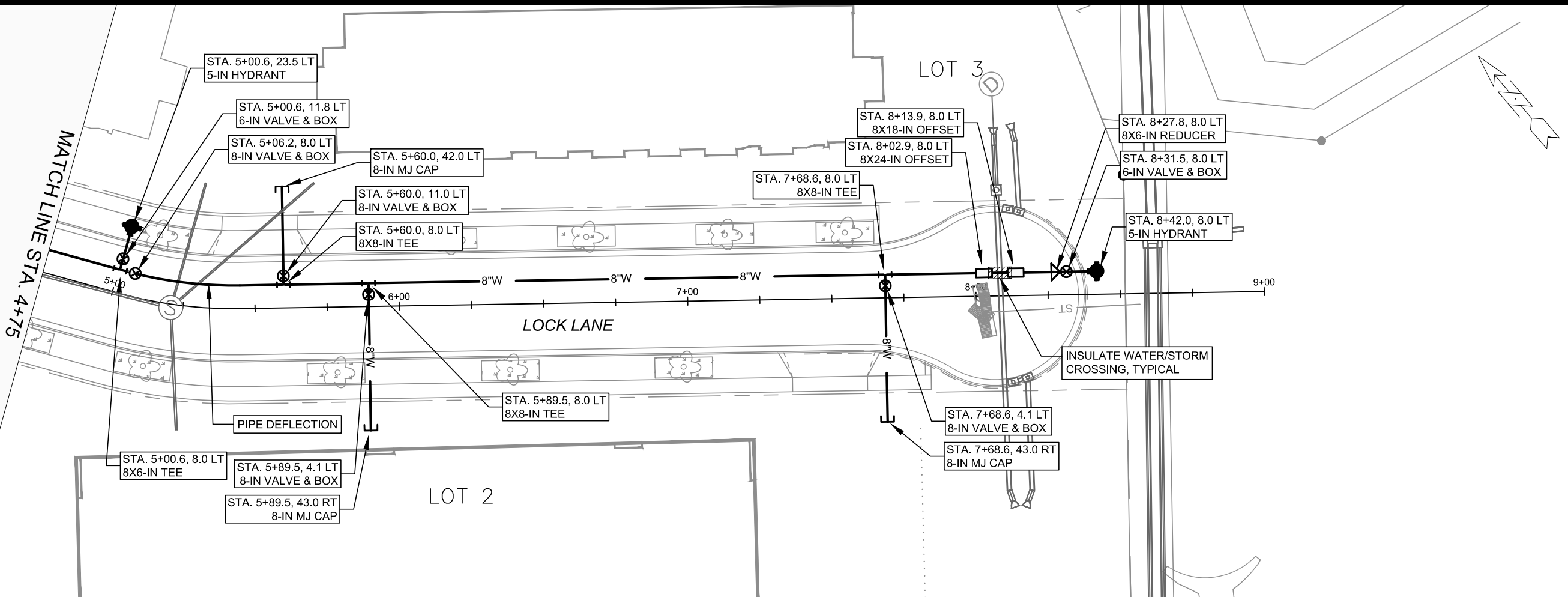
- GENERAL REQUIREMENTS - WATER MAIN PROFILES:
- MAINTAIN 6-FT BURY DEPTH UNLESS OTHERWISE INDICATED.
 - INSULATE ALL STORM X-INGS AND AREAS WITH < 5-FT COVER.
 - WM X-INGS OVER SEWERS REQUIRE 6-IN CLEARANCE (MIN.)
 - WM X-INGS UNDER SEWERS REQUIRE 18-IN CLEARANCE (MIN.)

MARK	REVISION	DATE	BY
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MADISON, WI
CONTRACT NO: 9332

LOCK LANE - WATER PLAN AND PROFILE
1601 - 1617 SHERMAN AVENUE CSM
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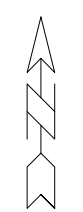
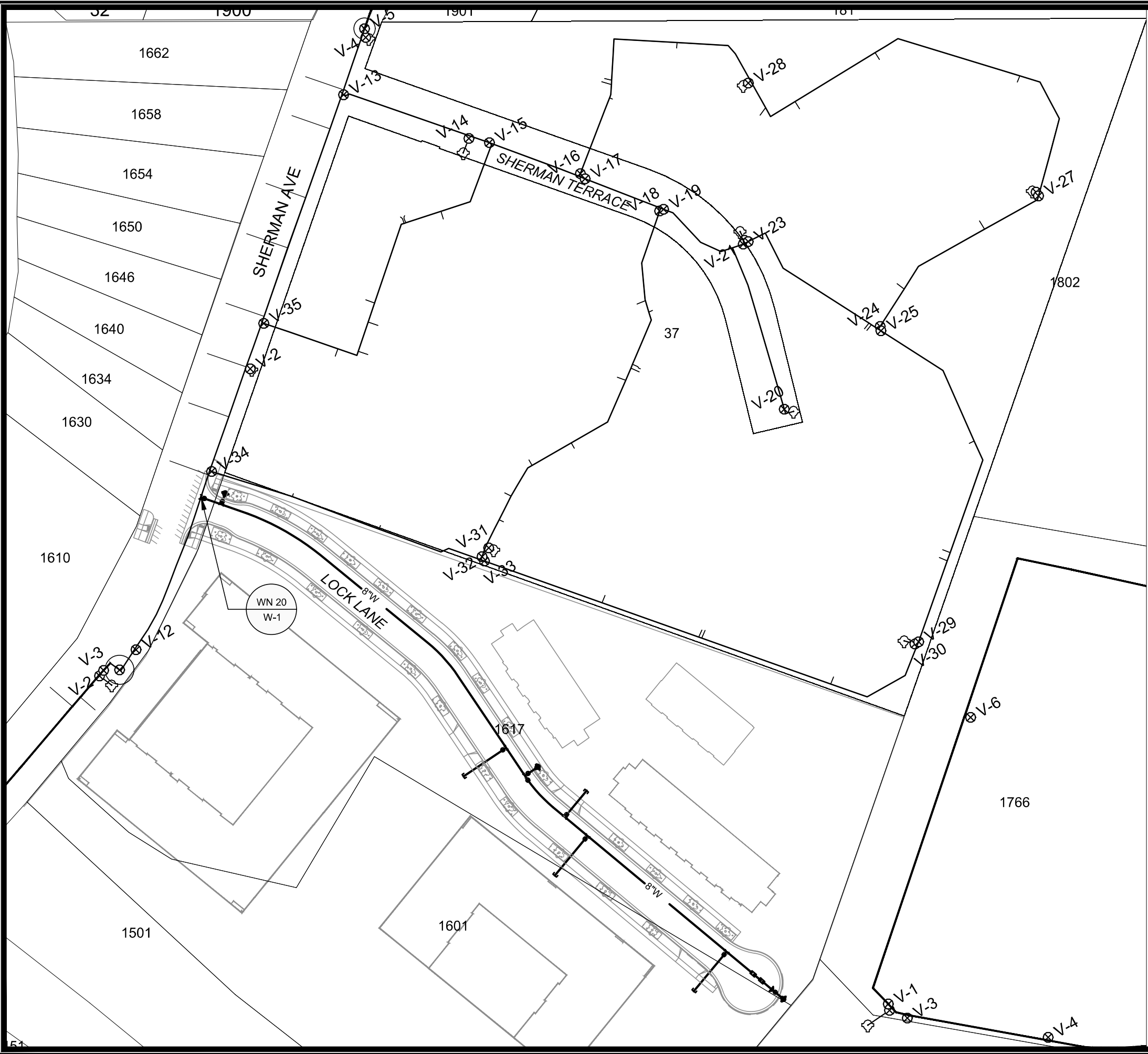
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 - WM X-INGS UNDER SEWERS REQUIRE 18-IN CLEARANCE (MIN.)

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MADISON, WI	MADISON, WI	MADISON, WI	MADISON, WI
1601 - 1617 SHERMAN AVENUE CSM	1601 - 1617 SHERMAN AVENUE CSM	1601 - 1617 SHERMAN AVENUE CSM	1601 - 1617 SHERMAN AVENUE CSM
14792	14792	14792	14792
W-2	W-2	W-2	W-2

LOCK LANE - WATER PLAN AND PROFILE

14792

W-2



1" = 100'



WN20: CUT-IN CONNECTION
SHERMAN AVE

ISOLATION VALVES:
 - V-5 (8-IN)
 - V-11 (8-IN)

NOTIFY: 1630, 1634, 1640, 1646, 1650, 1654, 1658, 1662 SHERMAN AVE, AND THE CONDOMINIUM RESIDENTS OF SHERMAN TERRACE ASSOCIATION.

CONTACT INFO FOR ASSOCIATION:
 608.244.7171
 management@shermanterrace.org

BIRWOOD PROPERTY MANAGEMENT INFO:
 608.241.4449
 Info@birwood.net

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.

SCALE: #####
 DESIGNED BY: NGM
 MADISON WATER UTILITY
 119 E OLIN AVE, MADISON, WI 53713
 PRINTING DATE: 6/20/24

CONTRACT NO: 9332

1601 - 1617 SHERMAN AVENUE CSM
 WATER IMPACT PLAN
CITY OF MADISON, WISCONSIN



14792
 W-3



CONSTRUCTION NOTES:

- | | |
|--|--|
| <ol style="list-style-type: none"> 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. | <p>WN-1 REPLACE THE EXISTING LEAD SERVICE WITH A NEW COPPER SERVICE.</p> <p>WN-2 EXTEND AND RECONNECT THE EXISTING COPPER SERVICE TO THE NEW WATER MAIN.</p> <p>WN-3 EXISTING SERVICE TO BE ABANDONED WHEN THE WATER MAIN IS CUT OFF.</p> <p>WN-4 DISCONNECT FROM THE OLD WATER MAIN AND RECONNECT THE EXISTING COPPER WATER SERVICE LATERAL TO THE NEW WATER MAIN.</p> <p>WN-5 RELOCATE THE EXISTING FIRE HYDRANT.</p> <p>WN-6 ABANDON WATER VALVE ACCESS STRUCTURE.</p> <p>WN-7 FURNISH AND INSTALL THE NEW TOP SECTION FOR THE WATER ACCESS STRUCTURE.</p> <p>WN-8 ABANDON THE VALVE BOX.</p> <p>WN-9 FURNISH THE DITCH, COMPACTION, AND ALL MATERIALS AND LABOR FOR THE INSTALLATION OF NEW SERVICE LATERAL.</p> <p>WN-10 REMOVE AND SALVAGE EXISTING HYDRANT</p> <p>WN-11 REPLACE THE EXISTING COPPER SERVICE WITH A COPPER SERVICE</p> <p>WN-20+ SEE WATER IMPACT PLAN FOR CONNECTION POINT ISOLATION AND WATER SHUT-OFF NOTIFICATION INFORMATION.</p> |
|--|--|

***ESTIMATE OF MATERIALS SUPPLIED BY CONTRACTOR:**

PAY_ITEM_ID	DESCRIPTION	QUANTITY	UNIT
70002	FURNISH AND INSTALL 6-INCH PIPE & FITTINGS	43	LNFT
70003	FURNISH AND INSTALL 8-INCH PIPE & FITTINGS	1059	LNFT
70031	FURNISH AND INSTALL 6-INCH WATER VALVE	3	EACH
70032	FURNISH AND INSTALL 8-INCH WATER VALVE	6	EACH
70040	FURNISH AND INSTALL AND SALVAGE HYDRANT	3	EACH
70101	FURNISH AND INSTALL STYROFOAM	1	EACH
71002	8-IN MJ CAP	4	EACH
71147	8-IN 11-1/4° BEND	1	EACH
71210	8X6-IN TEE	2	EACH
71211	8X8-IN TEE	5	EACH
71341	8X18-IN OFFSET	1	EACH
71342	8X24-IN OFFSET	1	EACH

***ESTIMATE OF MATERIALS SUPPLIED BY WATER UTILITY:**

N/A

***ESTIMATE OF MATERIALS SALVAGED:**

N/A

* ESTIMATE OF MATERIALS IS FOR INFORMATION ONLY. ENGINEER DOES NOT GUARANTEE ACCURACY OF MATERIAL TAKE-OFF.

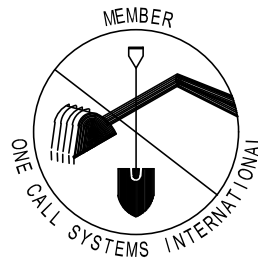
TO OBTAIN LOCATION OF PARTICIPANTS' UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

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.



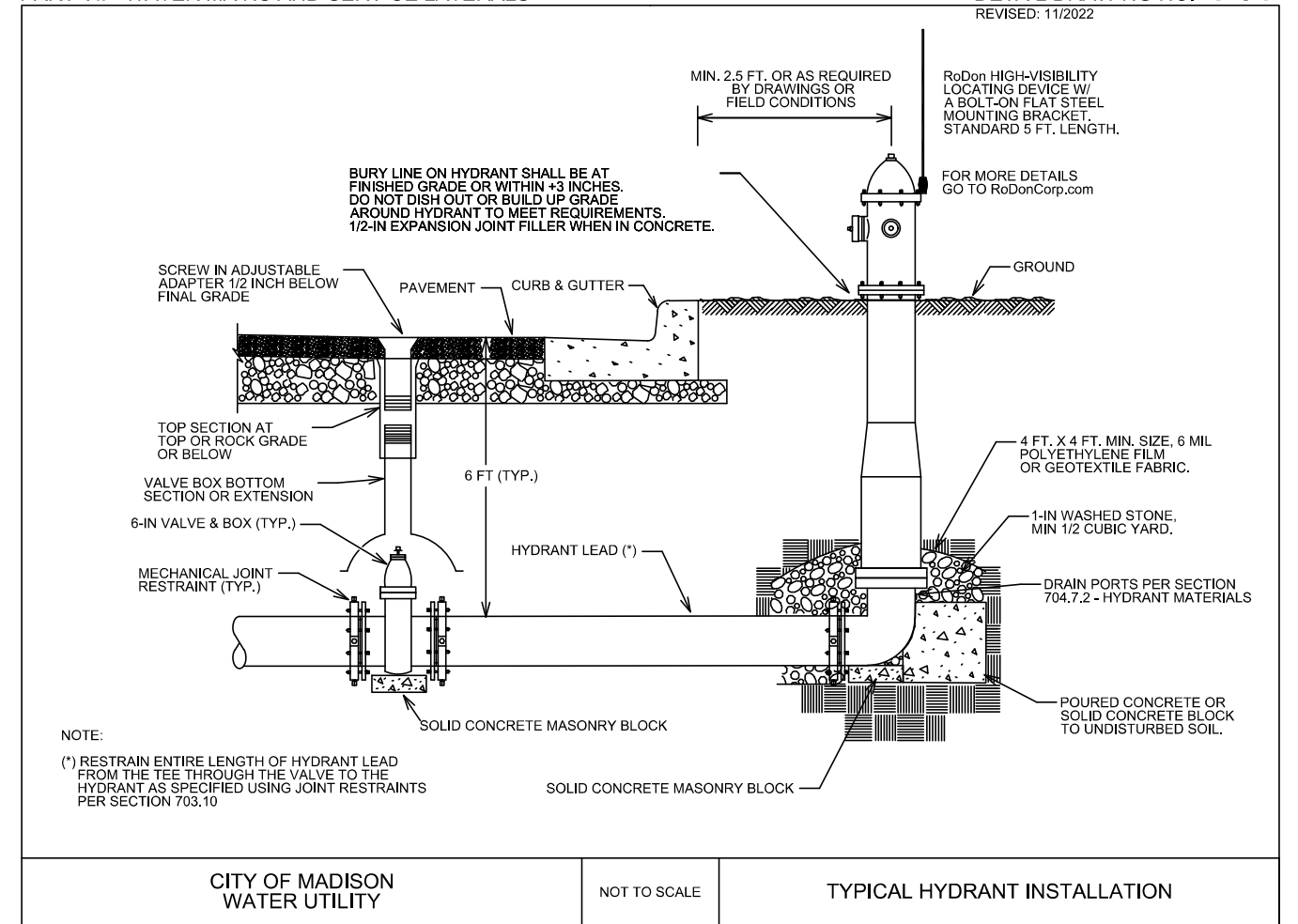
DISCLAIMER NOTE: UTILITY LOCATIONS SHOWN ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND AND OVERHEAD UTILITIES PRIOR TO COMMENCING WORK.

WATER UTILITY ULO SCHEDULE

PART VII - WATER MAINS AND SERVICE LATERALS

DETAIL DRAWING NO. 7.04

REVISED: 11/2022



CITY OF MADISON WATER UTILITY

NOT TO SCALE

TYPICAL HYDRANT INSTALLATION

SCALE: N/A

DESIGNED BY: NGM
 MADISON WATER UTILITY
 119 E OLIN AVE, MADISON, WI 53713
 PRINTING DATE: 5/20/24

CONTRACT NO: 9332

1601 - 1617 SHERMAN AVENUE CSM
 WATER ESTIMATE OF MATERIALS
 CITY OF MADISON, WISCONSIN



14792

W-4



SHERMAN AVE

LOCK LANE

LOCK LANE

- GENERAL ELECTRIC NOTES:
1. LOCATIONS ARE APPROXIMATE. THE CONTRACTOR SHALL NOTIFY REBECCA QUREISHI (267-8849) AT LEAST 24 HOURS IN ADVANCE OF NEEDING BASE LOCATION MARKED
 2. BASE INSTALLED IN TERRACE SHALL BE 4' FROM FACE OF CURB UNLESS OTHERWISE NOTED.
 3. CONTRACTOR SHALL DO ALL WORK IN ACCORDANCE WITH "CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION" AND ALL ADDENDUMS THERETO.
 4. THE CONTRACTOR SHALL CALL TRAFFIC OPERATIONS AT LEAST 24 HOURS IN ADVANCE OF POURING BASES TO ARRANGE FOR INSPECTION
 5. THE CONTRACOR SHALL ARRANGE FOR PICK UP OF THE FOLLOWING CITY FURNISHED MATERIALS BY CALLING ED SMITH AT THE TRAFFIC ENGINEERING OPERATIONS SHOP 266-9034
-1'X40" ANCHOR BOLTS 1 SET OF 4

1601-1617 SHERMAN AVE STREETLIGHTS

	PROPOSED
	EXISTING

INSTALL LB-3 BASE
UTILITY LIGHT TO BE FED
DIRECTLY BY MG&E

1617

1617



NO.	REVISION	DATE	BY

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MADISON, WI
CONTRACT NO: 9332

ELECTRICAL PLAN
1601 - 1617 SHERMAN AVENUE CSM
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E-1

Sherman Avenue

Remove Markings in intersection

Install Continental Crosswalk

Install Stop Bar

Install 6' Crosswalk

Lock Lane



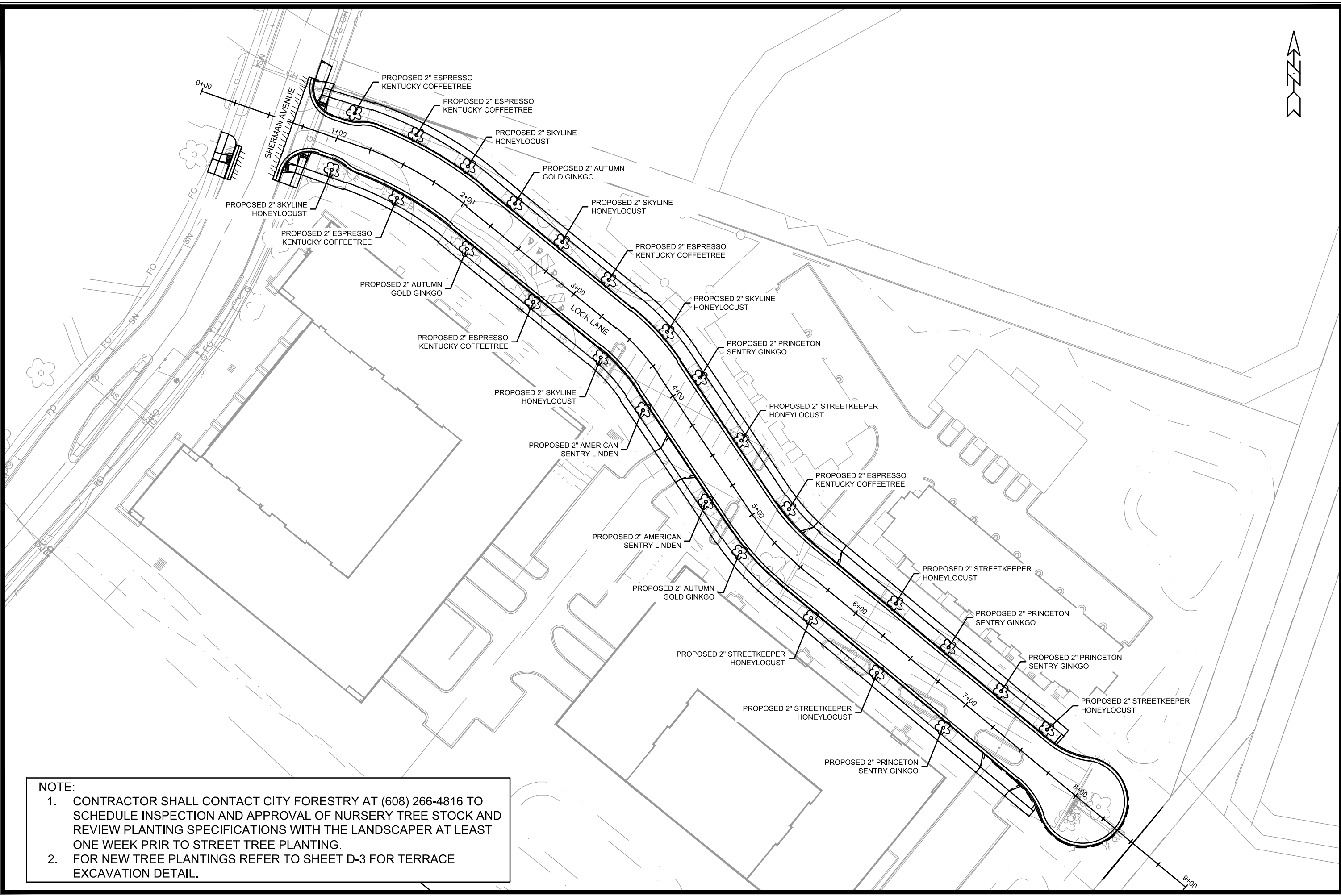
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 MADISON, WI
 CONTRACT NO: 9332

MARKING PLAN
 1601 - 1617 SHERMAN AVENUE CSM
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14792
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NOTE:

1. CONTRACTOR SHALL CONTACT CITY FORESTRY AT (608) 266-4816 TO SCHEDULE INSPECTION AND APPROVAL OF NURSERY TREE STOCK AND REVIEW PLANTING SPECIFICATIONS WITH THE LANDSCAPER AT LEAST ONE WEEK PRIOR TO STREET TREE PLANTING.
2. FOR NEW TREE PLANTINGS REFER TO SHEET D-3 FOR TERRACE EXCAVATION DETAIL.

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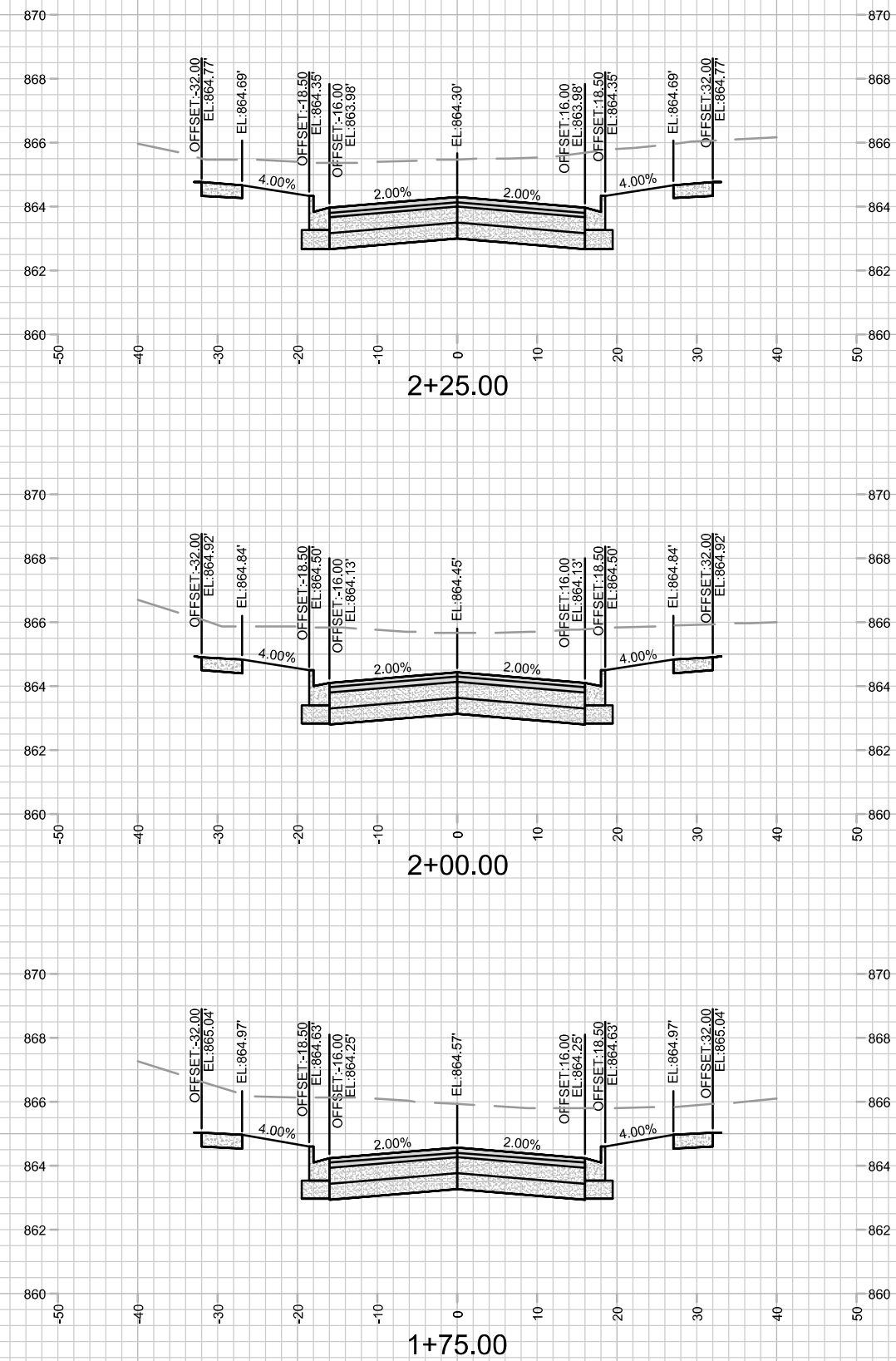
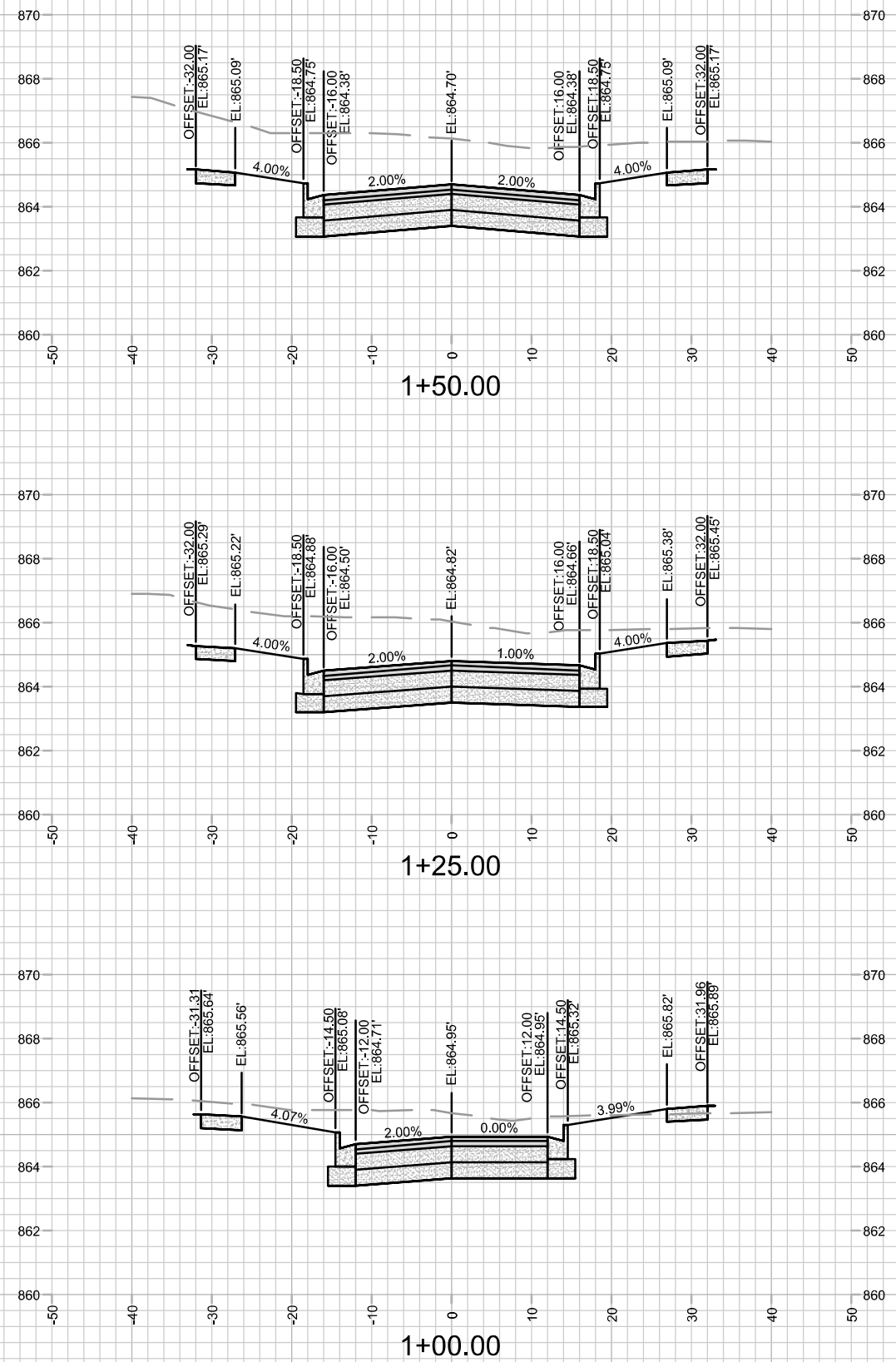
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 MADISON, WI
 CONTRACT NO: 9332

LANDSCAPING PLAN
 1601 - 1617 SHERMAN AVENUE CSM
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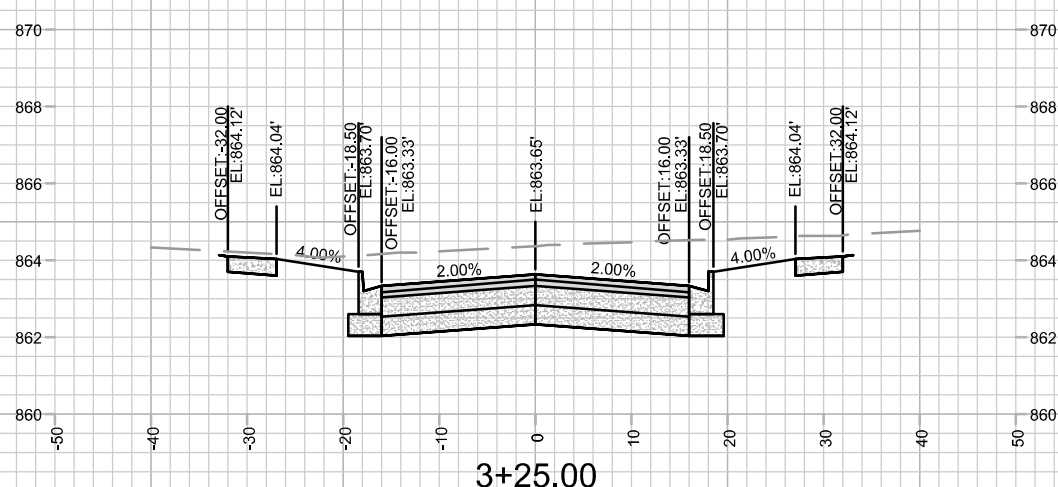
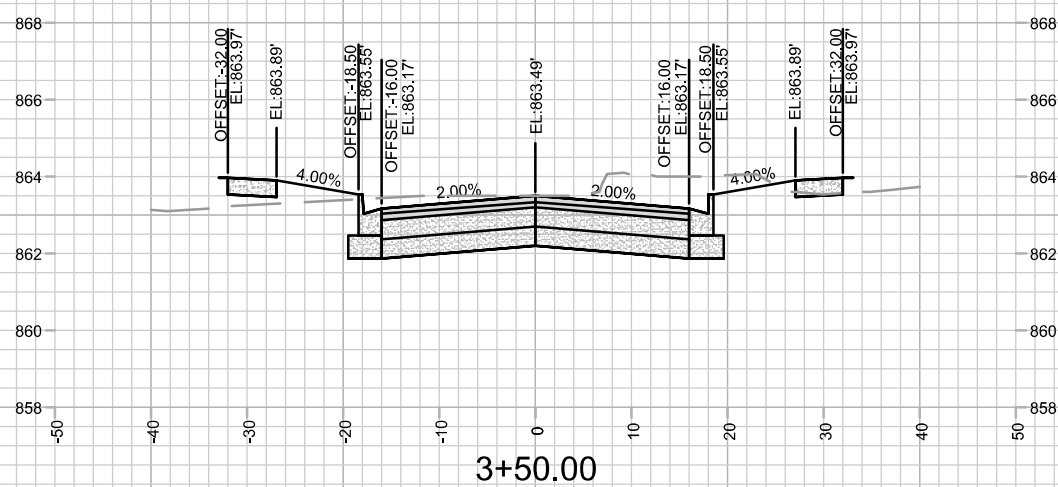
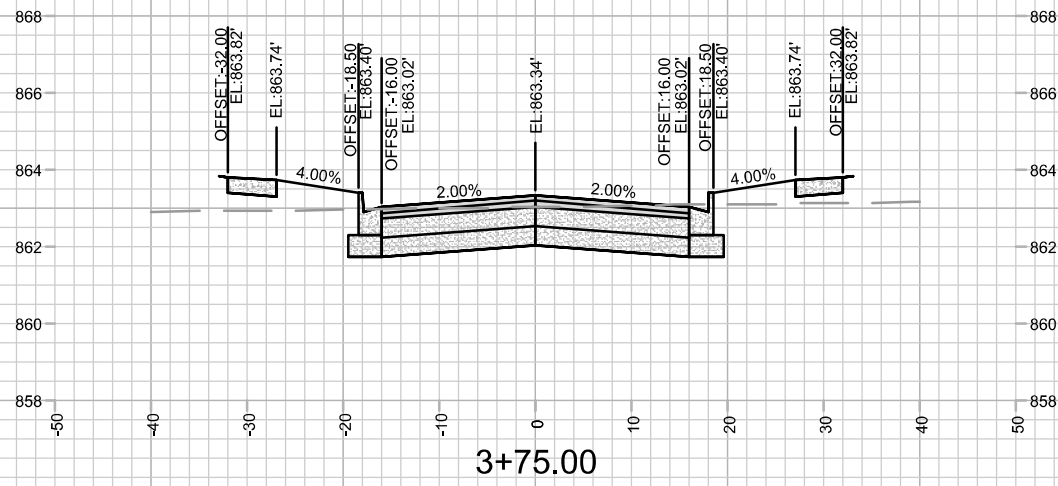
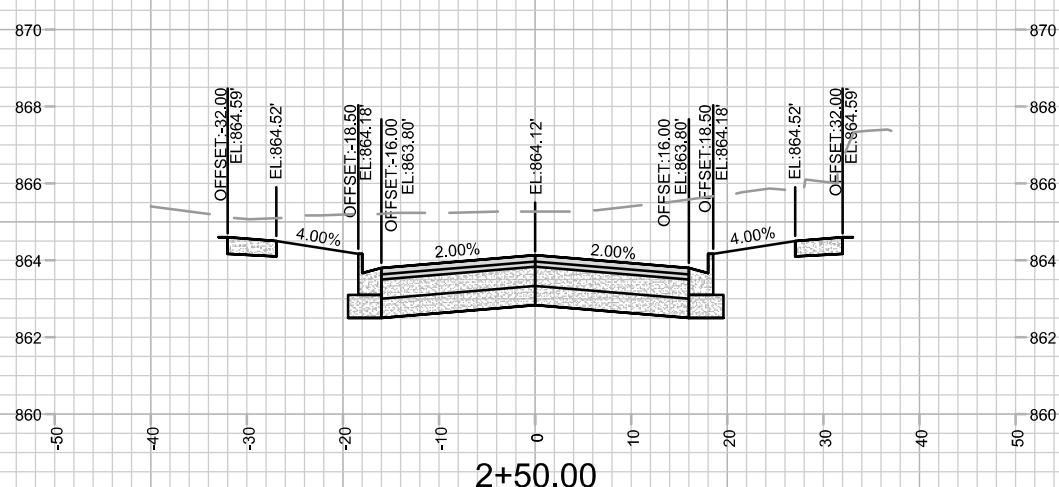
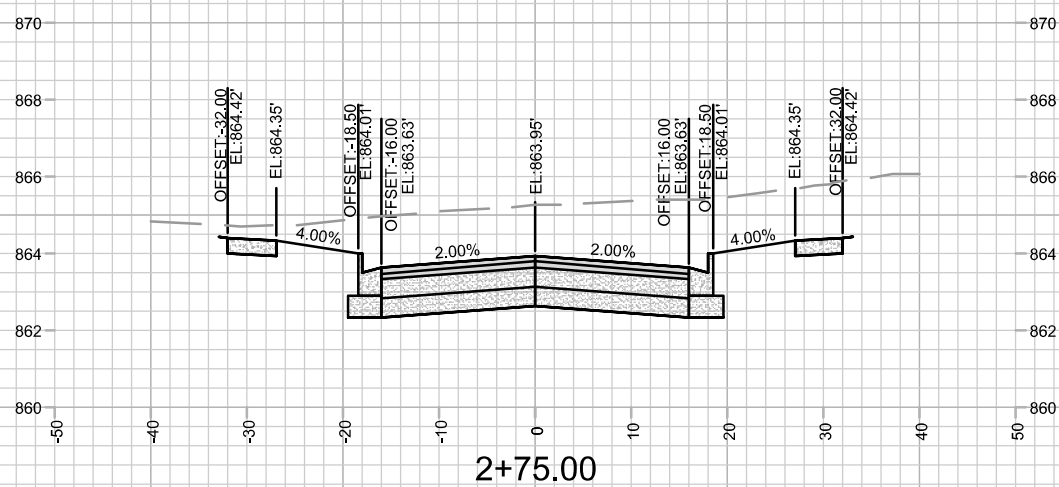
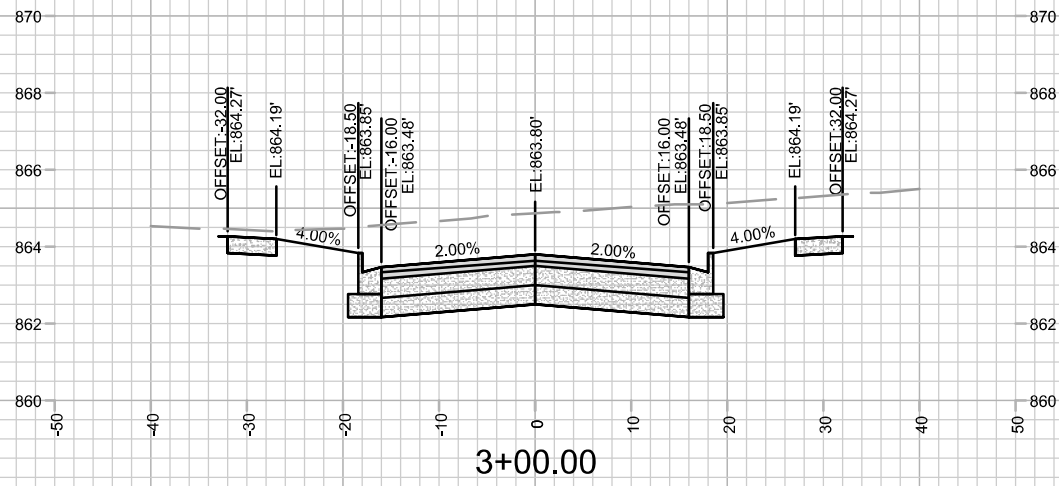


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CROSS SECTION - LOCK LANE
1601 - 1617 SHERMAN AVENUE CSM
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MADISON, WI
9332
CONTRACT NO:

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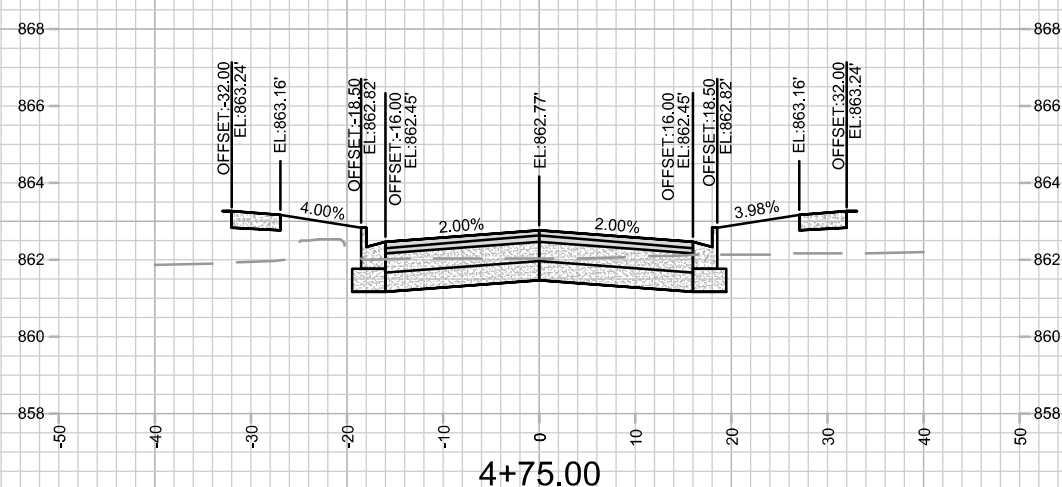
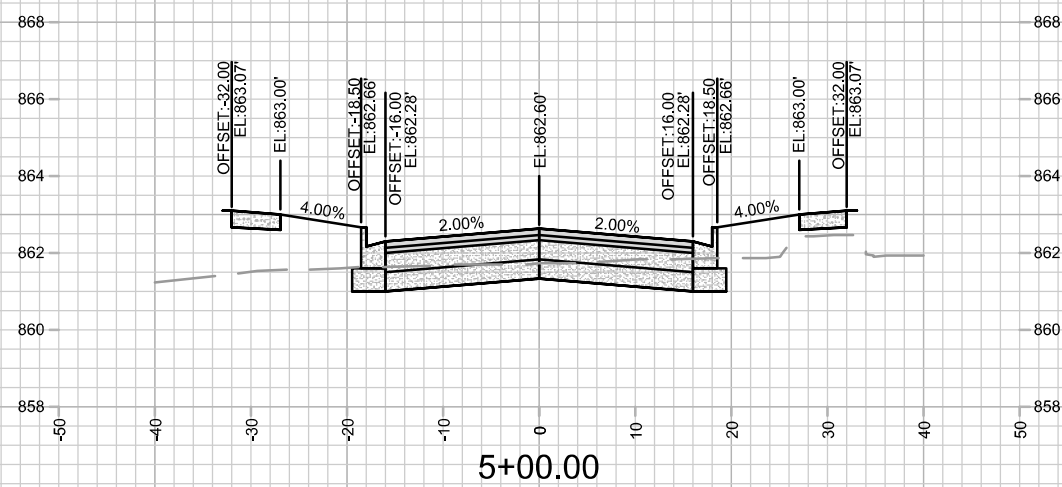
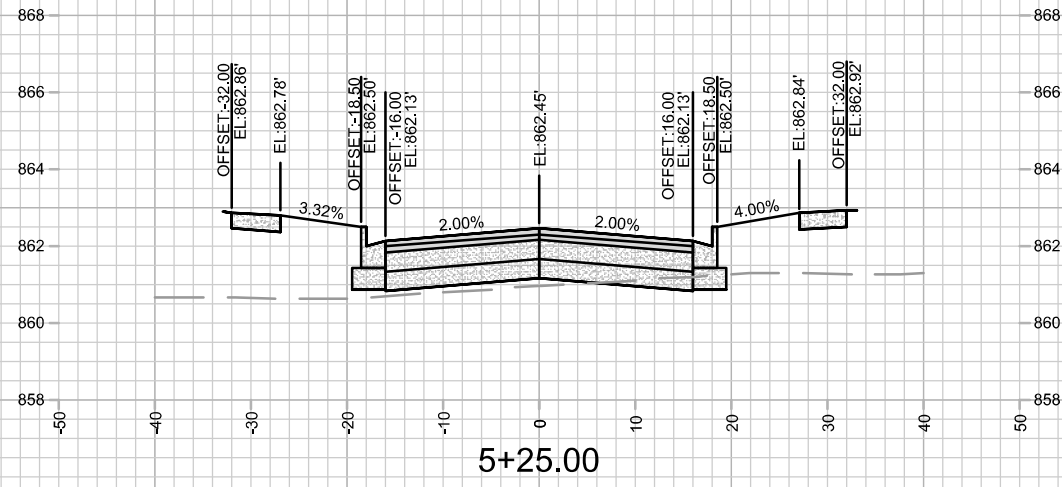
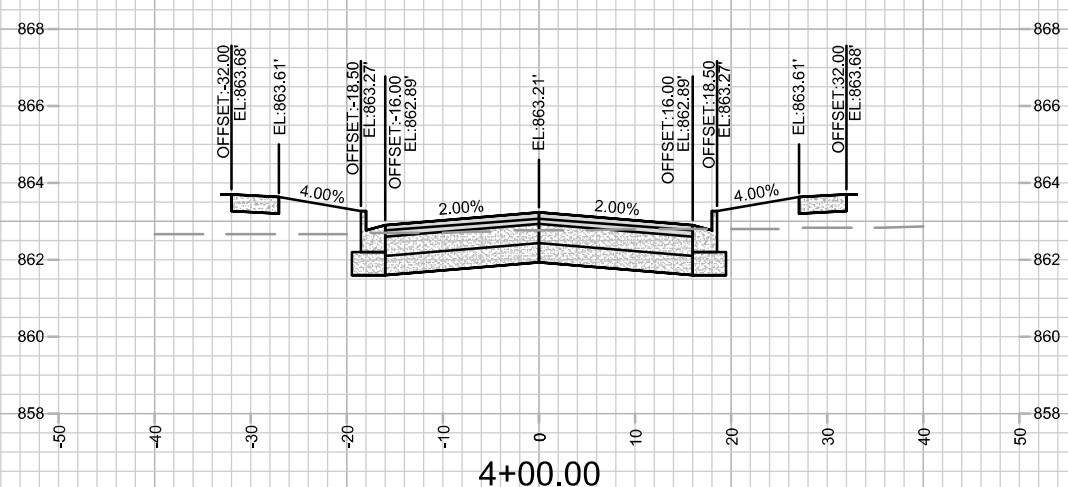
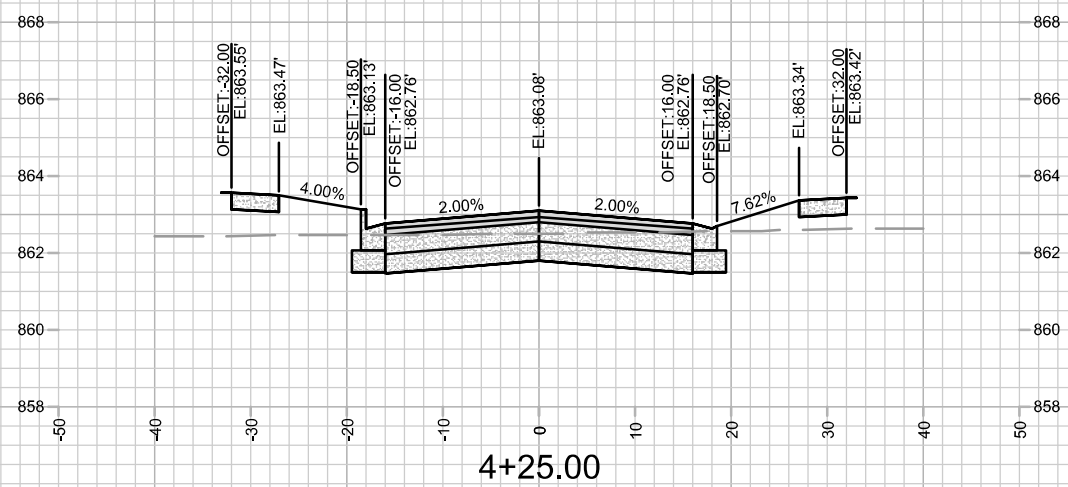
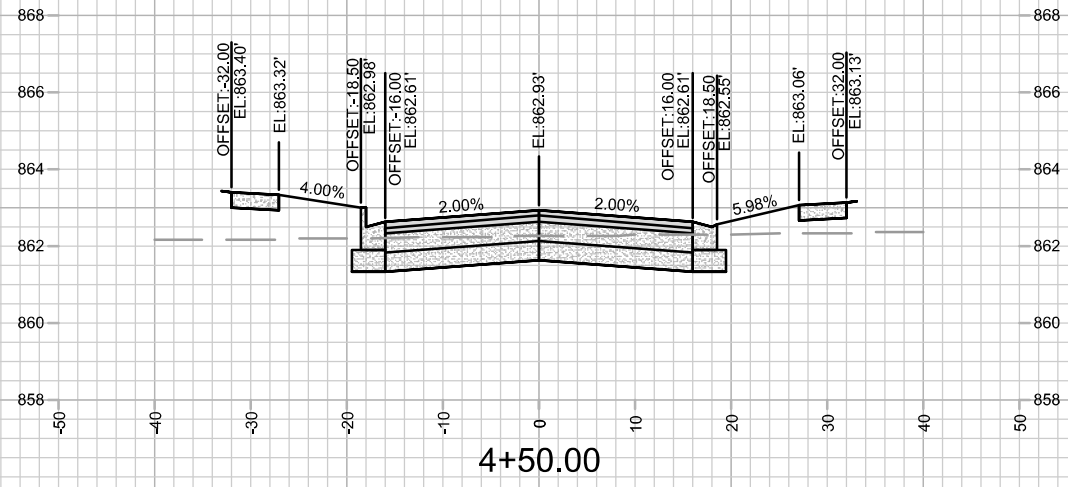
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CONTRACT NO:

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CROSS SECTION - LOCK LANE
1601 - 1617 SHERMAN AVENUE CSM
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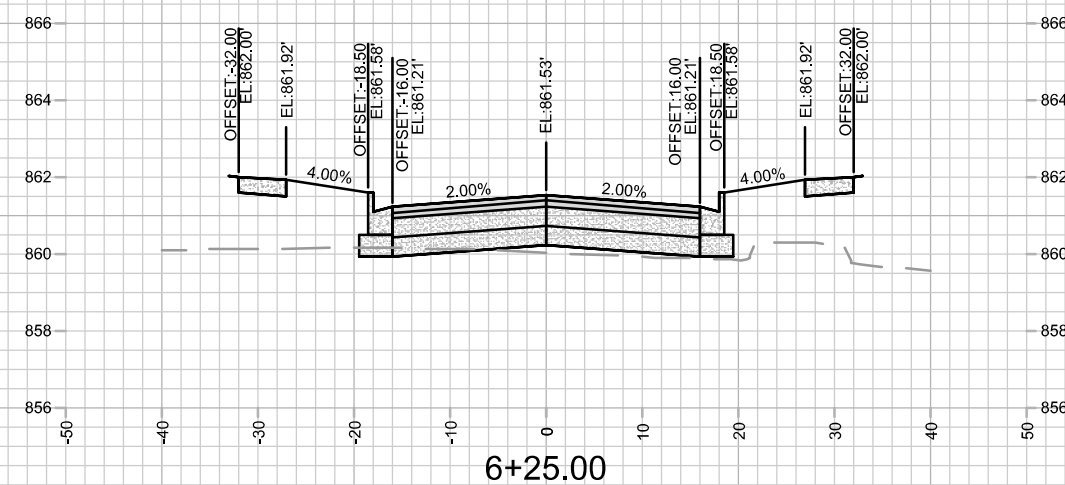
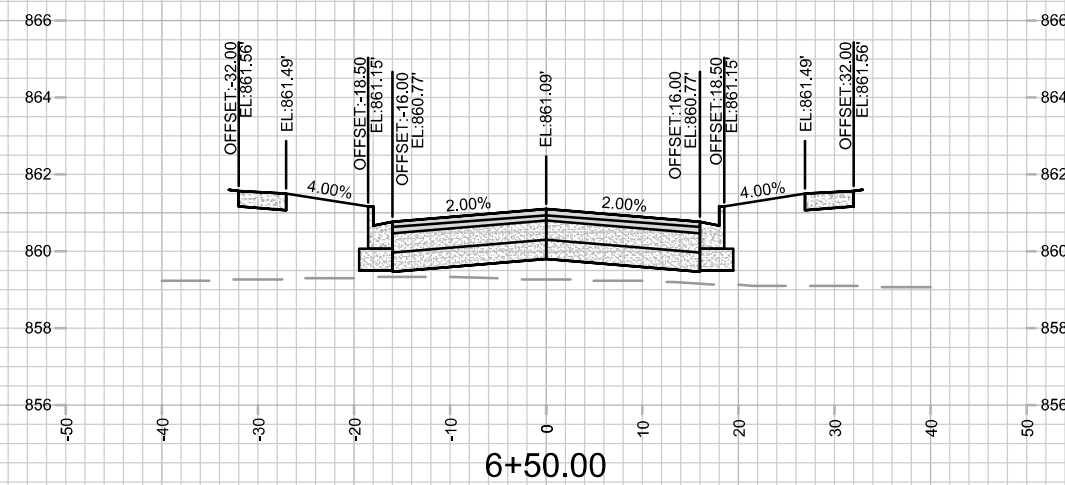
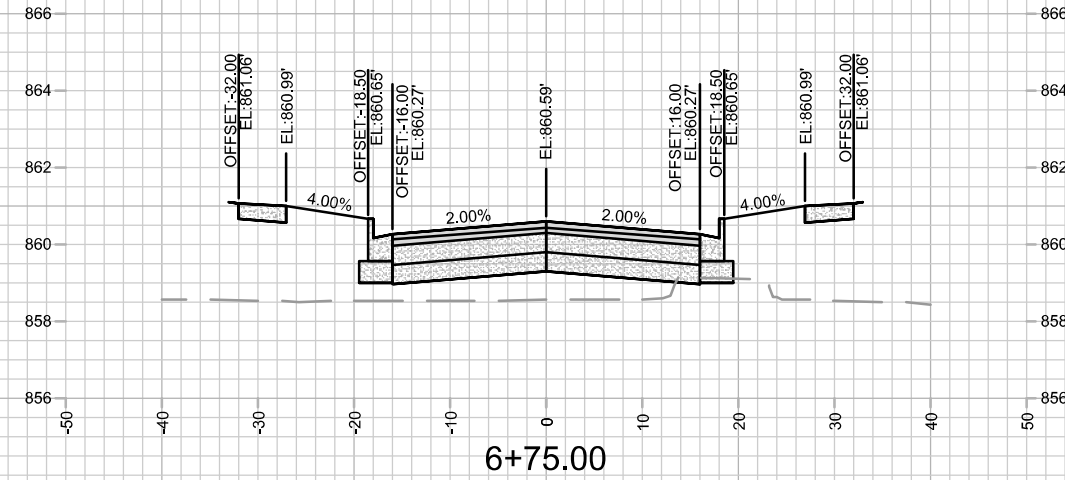
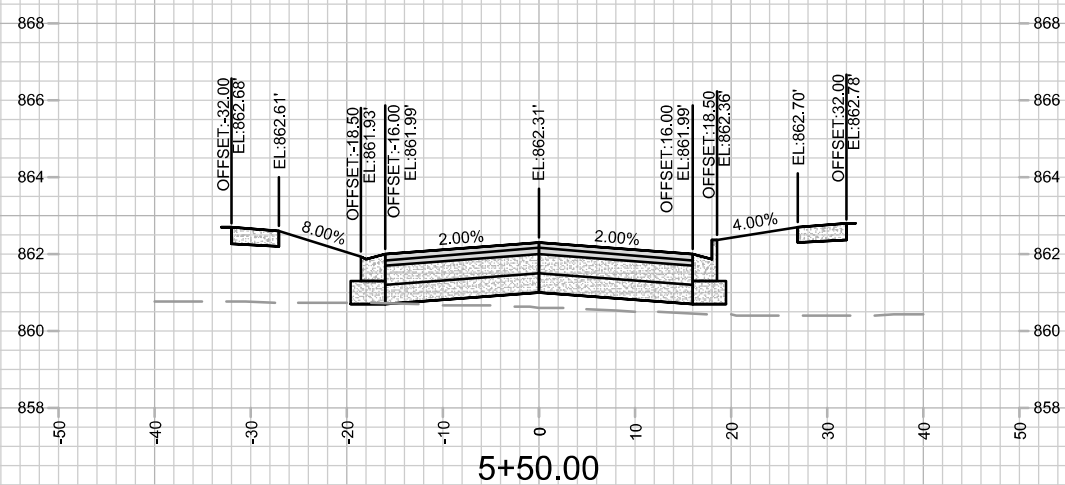
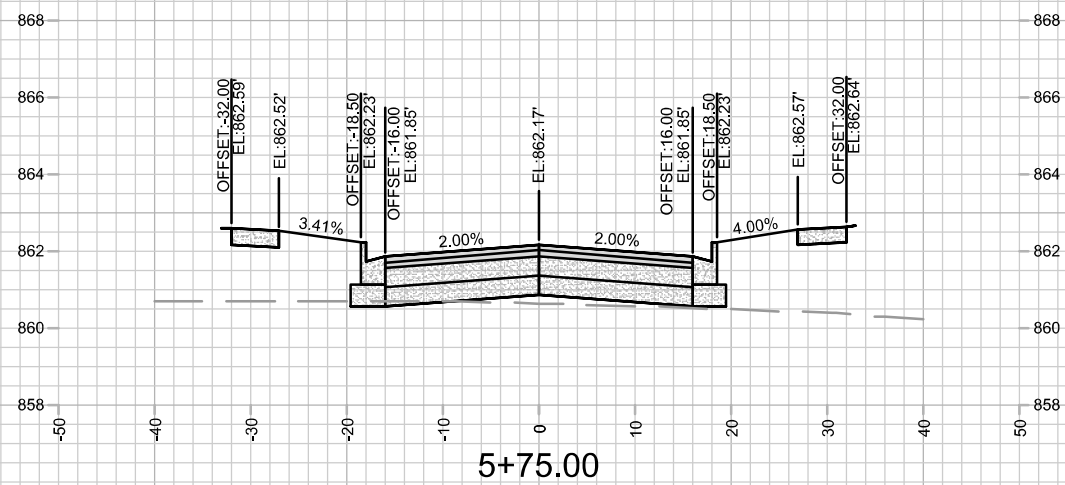
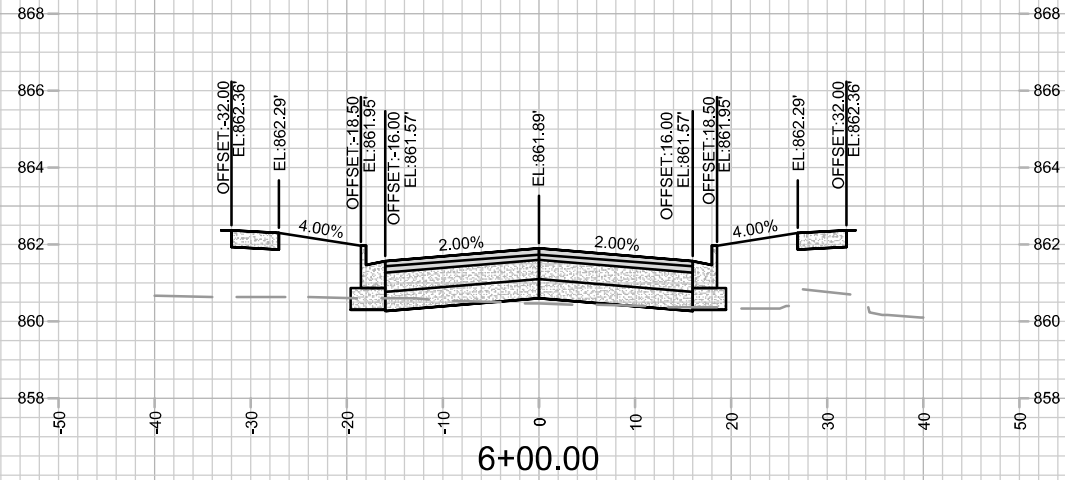
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 Designer: By: ##
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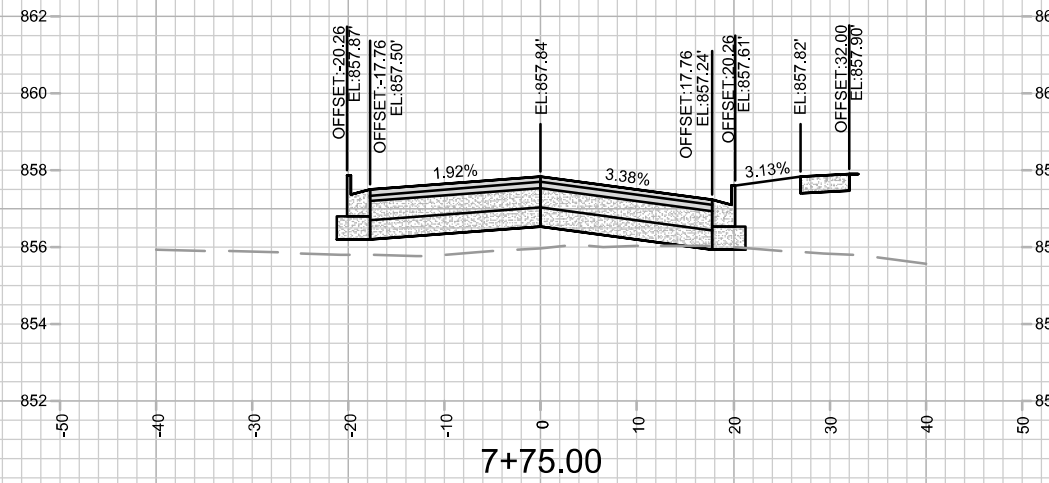
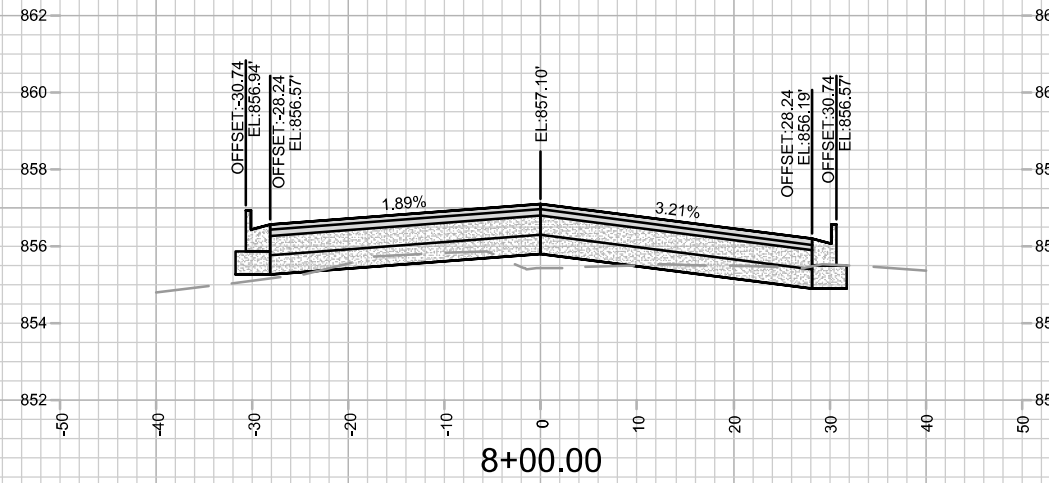
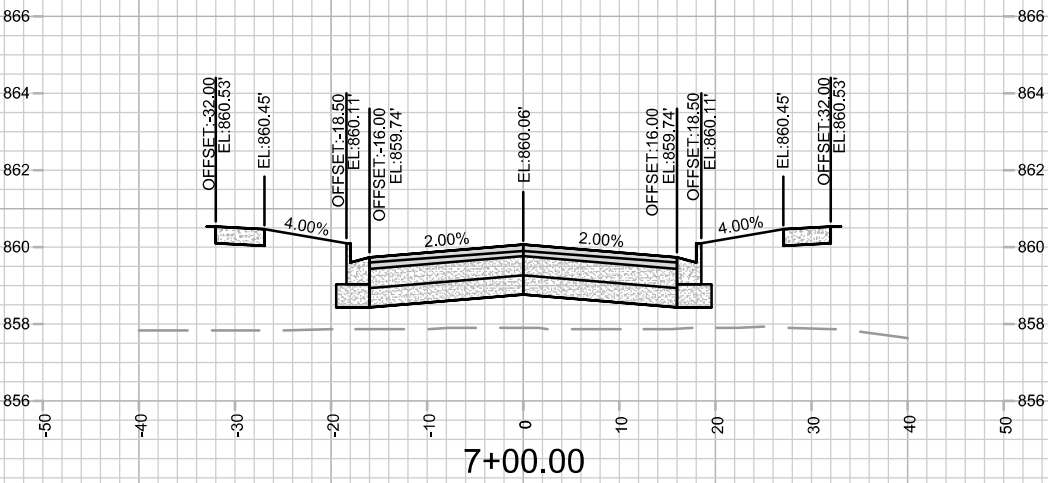
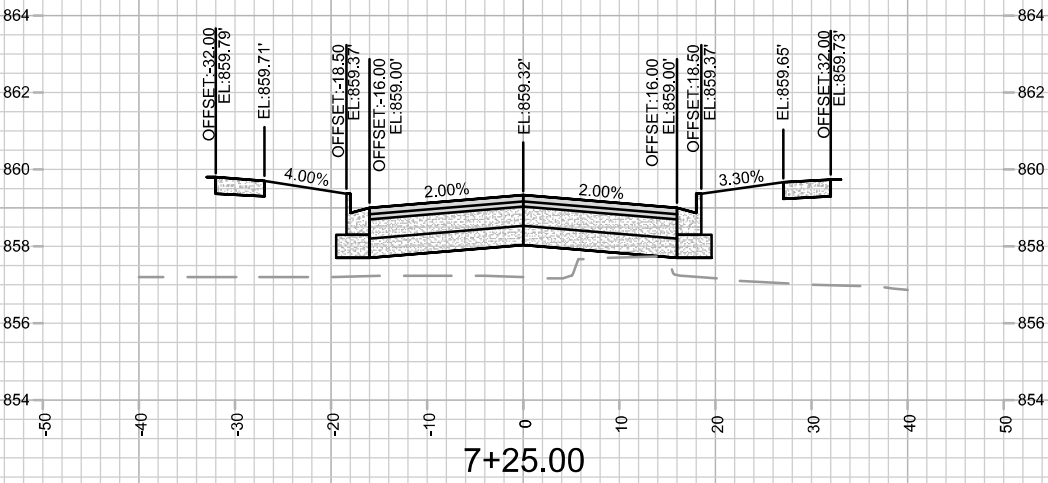
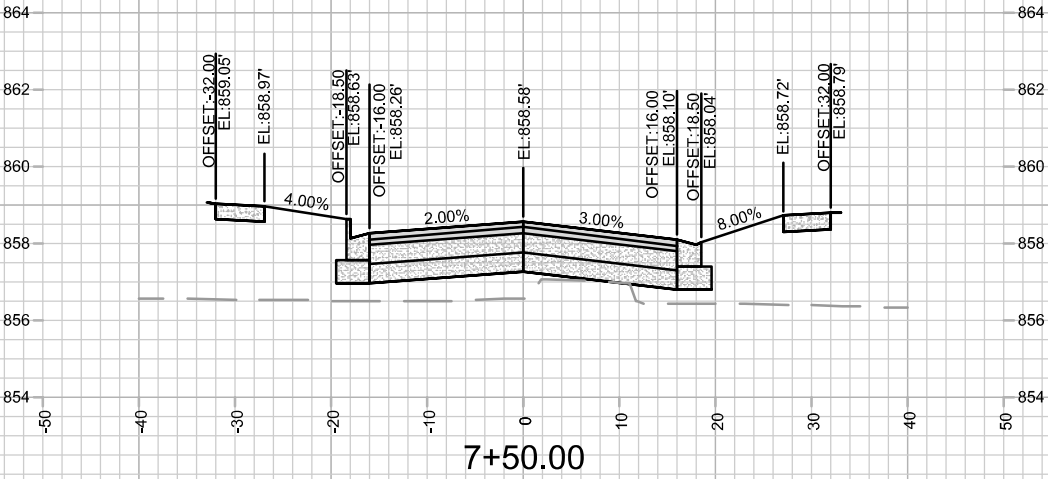
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MARK	REVISION	DATE	BY

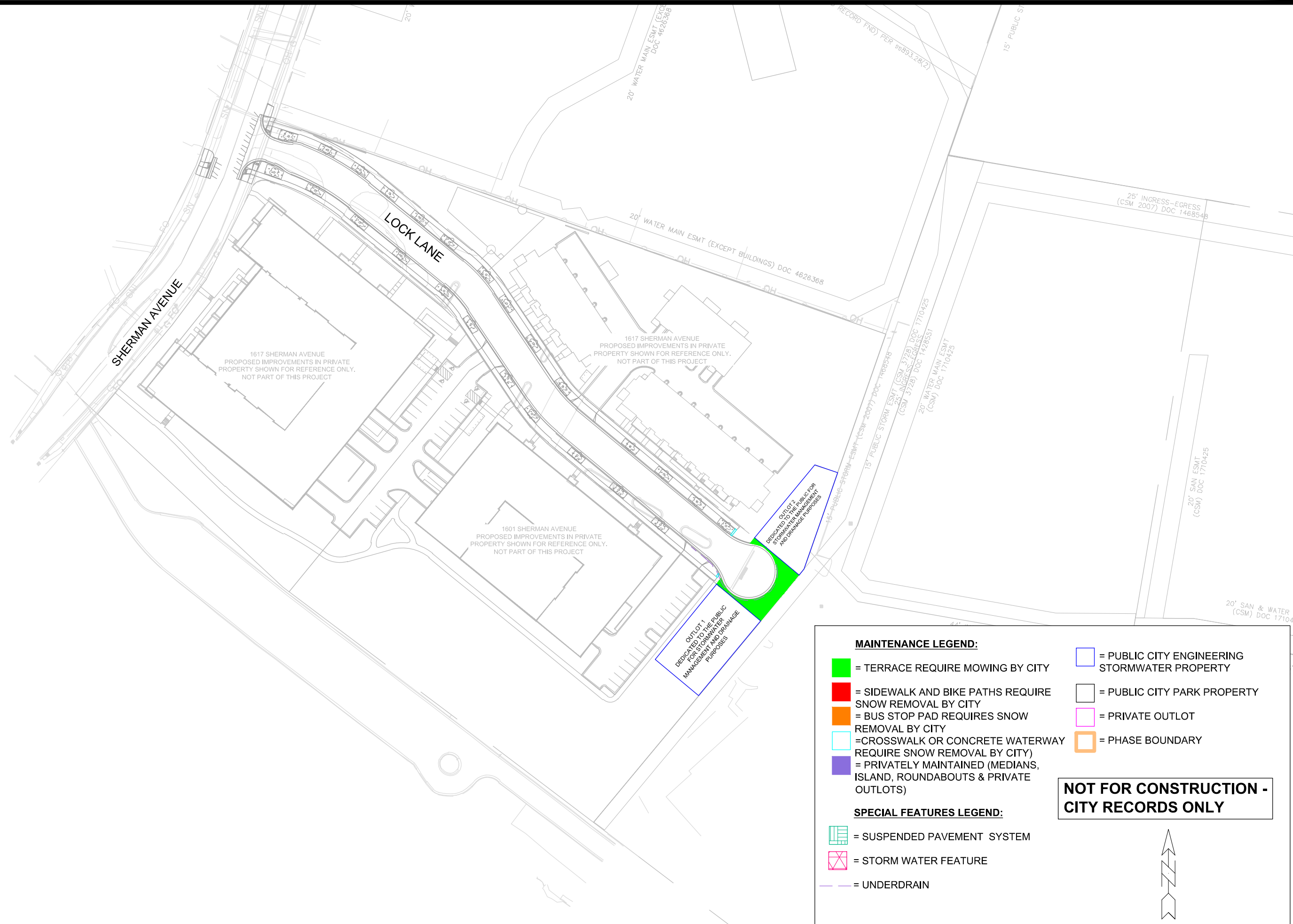
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MAINTENANCE LEGEND:

- = TERRACE REQUIRE MOWING BY CITY
- = SIDEWALK AND BIKE PATHS REQUIRE SNOW REMOVAL BY CITY
- = BUS STOP PAD REQUIRES SNOW REMOVAL BY CITY
- = CROSSWALK OR CONCRETE WATERWAY REQUIRE SNOW REMOVAL BY CITY
- = PRIVATELY MAINTAINED (MEDIANS, ISLAND, ROUNDABOUTS & PRIVATE OUTLOTS)


SPECIAL FEATURES LEGEND:

- = SUSPENDED PAVEMENT SYSTEM
- = STORM WATER FEATURE
- = UNDERDRAIN

PROPERTY LEGEND:

- = PUBLIC CITY ENGINEERING STORMWATER PROPERTY
- = PUBLIC CITY PARK PROPERTY
- = PRIVATE OUTLOT
- = PHASE BOUNDARY

NOT FOR CONSTRUCTION - CITY RECORDS ONLY



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MAINTENANCE PLAN
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