CITY OF MADISON

CITY ENGINEERING DIVISION
DEPARTMENT OF PUBLIC WORKS
PLAN OF PROPOSED IMPROVEMENT

Madison, Wisconsin

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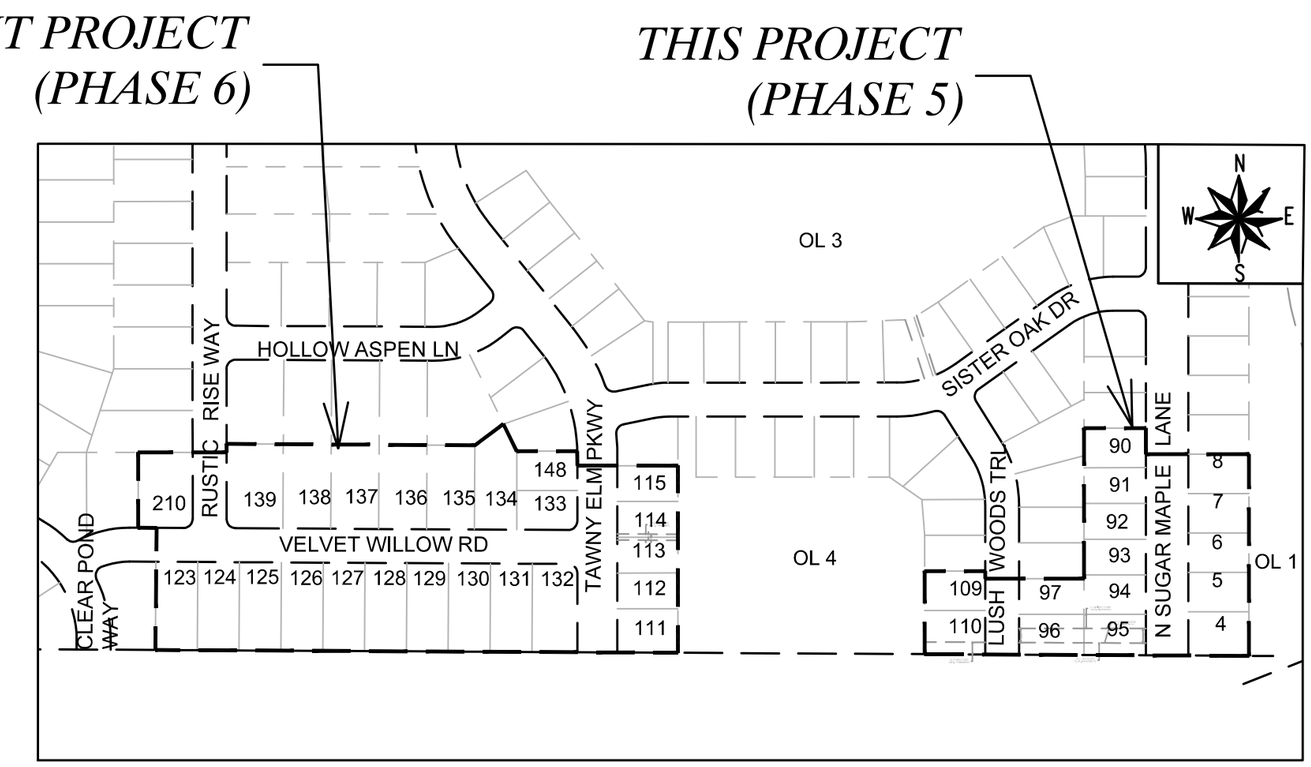
EAGLE TRACE PHASE 5

CITY PROJECT NO. 13763
CONTRACT NO. 9066



PUBLIC IMPROVEMENT PROJECT APPROVED

FEBRUARY 1, 2022

BY THE COMMON COUNCIL OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN APPROVED BY:

Apr 6, 2023

City Engineer — Date

STREET GRADES DESIGNED BY:

WISCONSIN JOHN P. SAPP E-44054 JANESVILLE WI PROFESSIONAL ENGINEER

Apr 6, 2023

SANITARY SEWER DESIGNED BY:

WISCONSIN MARK D. MODER E-33979 MADISON WI PROFESSIONAL ENGINEER

Apr 6, 2023

STORM SEWER DESIGNED BY:

WISCONSIN JANET SCHMIDT E-34681 MADISON WI PROFESSIONAL ENGINEER

Apr 6, 2023

STREET GEOMETRY DESIGNED BY:

WISCONSIN JOHN P. SAPP E-44054 JANESVILLE WI PROFESSIONAL ENGINEER

Apr 6, 2023

WATER DESIGNED BY:

WISCONSIN ADAM R. WIEDERHOEFT E-41559 MADISON WI PROFESSIONAL ENGINEER

Apr 6, 2023

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 PLAN IS 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 THE SECTION 107.13 OF CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION: 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: HTTPS://WWW.CITYOFMADISON.COM/BUSINESS/PW/SPECS.CFM

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 PROJECT ENGINEER AND STREET DESIGNER DAYENU SIMON AT DSIMON@CITYOFMADISON.COM FOR CAD AND ALIGNMENT DATA PRIOR TO STAKING.

CONVENTIONAL SIGNS
FIELD VERIFY ALL UTILITY LOCATIONS

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

ALL PAVEMENT IN LUSH WOOD PLACE RIGHT-OF-WAY SHALL BE TYPE A PAVEMENT PER STANDARD DETAIL DRAWING 4.02

ALL PAVEMENT IN N SUGAR MAPLE LANE RIGHT-OF-WAY SHALL BE TYPE C PAVEMENT PER STANDARD DETAIL DRAWING 4.0

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 BE LESS THAN 0.5% AND SHALL DRAIN TOWARD STORM SEWER INLETS. 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.

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.

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

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13763 D-1

13763

MADISON, WI

CONTRACT NO: 9066

GENERAL NOTES

EAGLE TRACE 5

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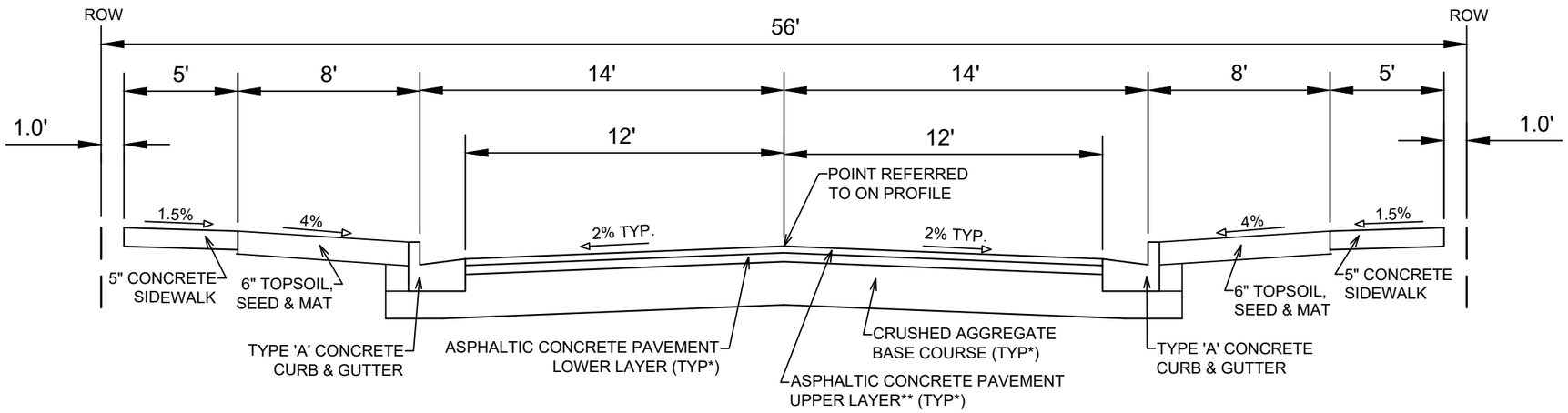
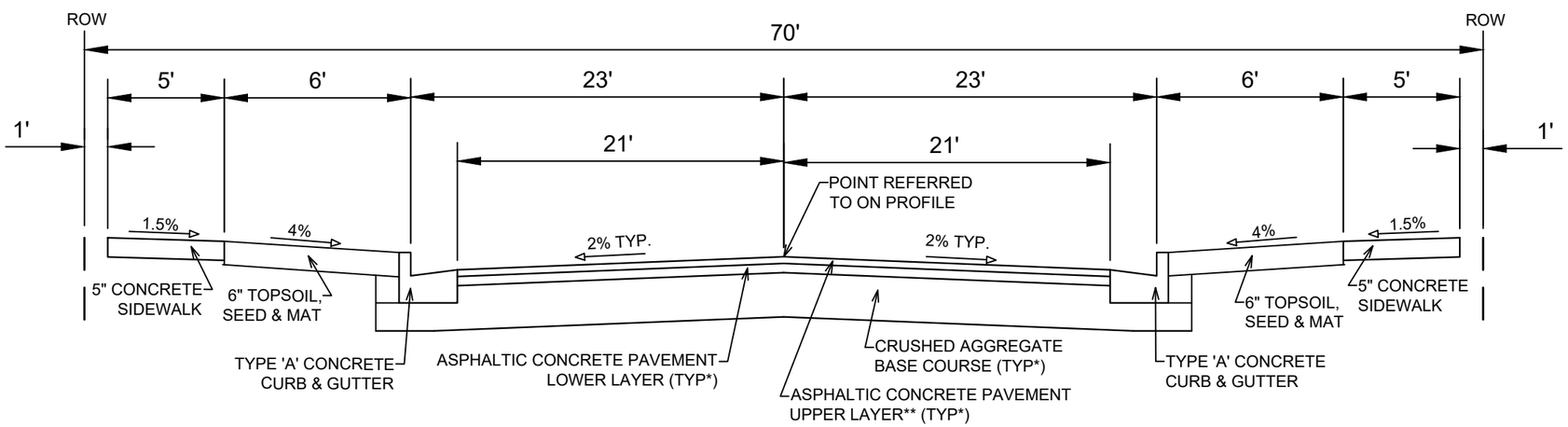
13763

D-1



TYPICAL SECTION

LUSH WOOD PLACE
NOT TO SCALE



TYPICAL SECTION

N SUGAR MAPLE LANE
NOT TO SCALE

NOTES:

* LUSH WOOD PLACE SHALL BE CONSTRUCTED AS TYPE 'A' PAVEMENT PER CITY OF MADISON MINIMUM PAVEMENT DESIGN

* N SUGAR MAPLE LANE SHALL BE CONSTRUCTED AS TYPE 'C' PAVEMENT PER CITY OF MADISON MINIMUM PAVEMENT DESIGN

** THE DEVELOPER SHALL BE RESPONSIBLE FOR ALL SURFACE PAVING (PROJECT No. 13763, CONTRACT No 9065)

CITY OF MADISON MINIMUM PAVEMENT DESIGN †

TYPE	CRUSHED AGGREGATE BASE COURSE		ASPHALTIC CONCRETE PAVEMENT			
	LOWER LAYER GRADATION 1	UPPER LAYER GRADATION 2	LOWER LAYER		UPPER LAYER	
			TYPE	THICKNESS	TYPE	THICKNESS
A	6"	6"	4 LT 58-28 S	1.75"	4 LT 58-28 S	1.75"
B	6"	6"	3 LT 58-28 S	2.50"	4 LT 58-28 S	2.00"
C	6"	6"	3 MT 58-28 S/H	3.50"	4 MT 58-28 S/H	2.00"

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13763 D-2

13763

MADISON, WI

CONTRACT NO: 9066

TYPICAL SECTION

EAGLE TRACE 5

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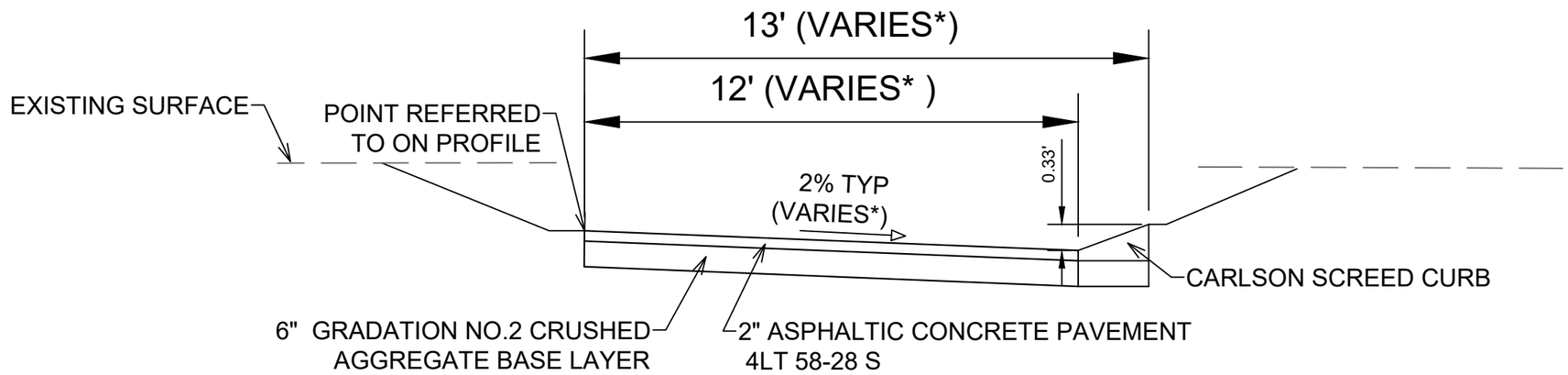
D-2



TYPICAL SECTION

LOT 95-96 TEMPORARY ALLEY
FROM STA 100+14.50 TO STA 102+48.50
NOT TO SCALE

*VARIES FROM 100+14.50 TO 100+38.00
AND FROM 102+27.00 TO 102+48.50
SEE PLANS

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13763 D-3

13763

MADISON, WI

CONTRACT NO: 9066

TYPICAL SECTION

EAGLE TRACE: PHASE 5

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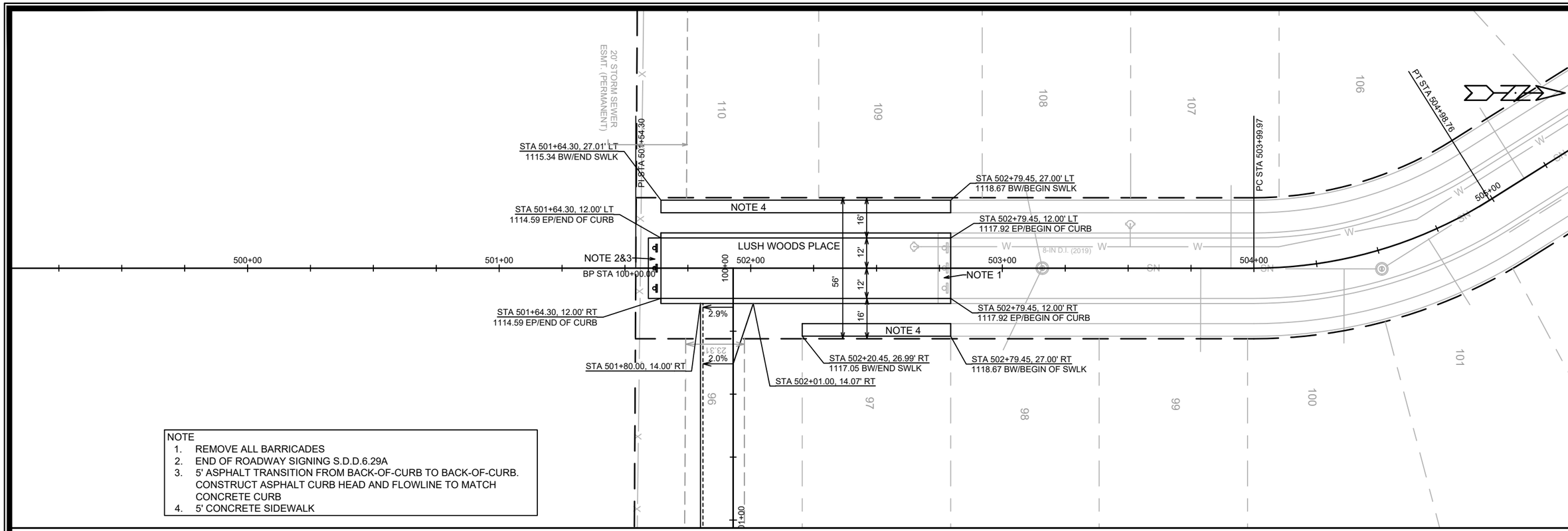
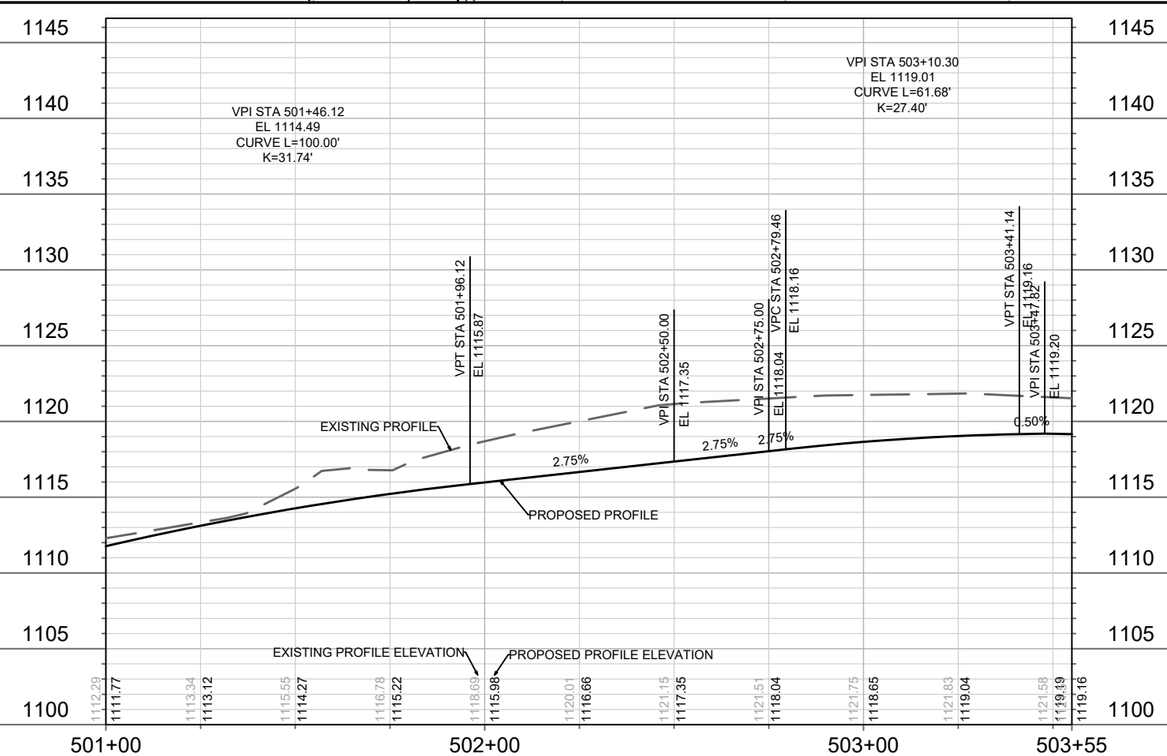
13763

D-3



NOTE
1. REMOVE ALL BARRICADES
2. END OF ROADWAY SIGNING S.D.D.6.29A
3. 5' ASPHALT TRANSITION FROM BACK-OF-CURB TO BACK-OF-CURB. CONSTRUCT ASPHALT CURB HEAD AND FLOWLINE TO MATCH CONCRETE CURB
4. 5' CONCRETE SIDEWALK



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P-1

13763

MADISON, WI

9066

CONTRACT NO:

LUSH WOOD PLACE PLAN & PROFILE

EAGLE TRACE 5

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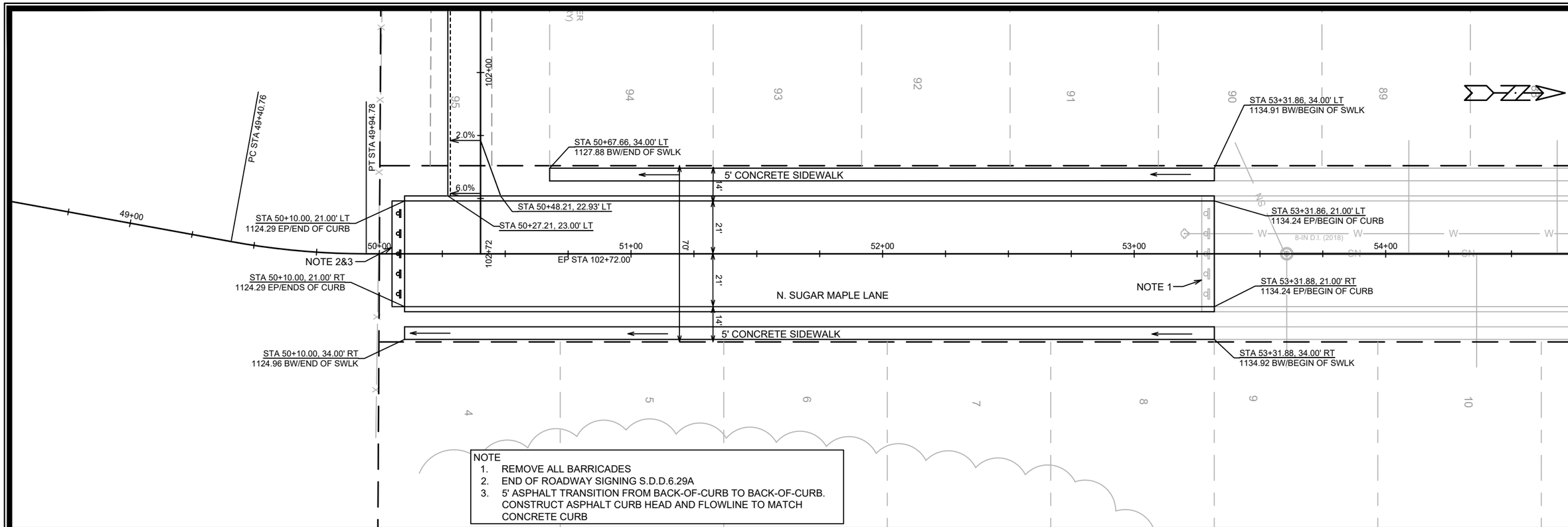
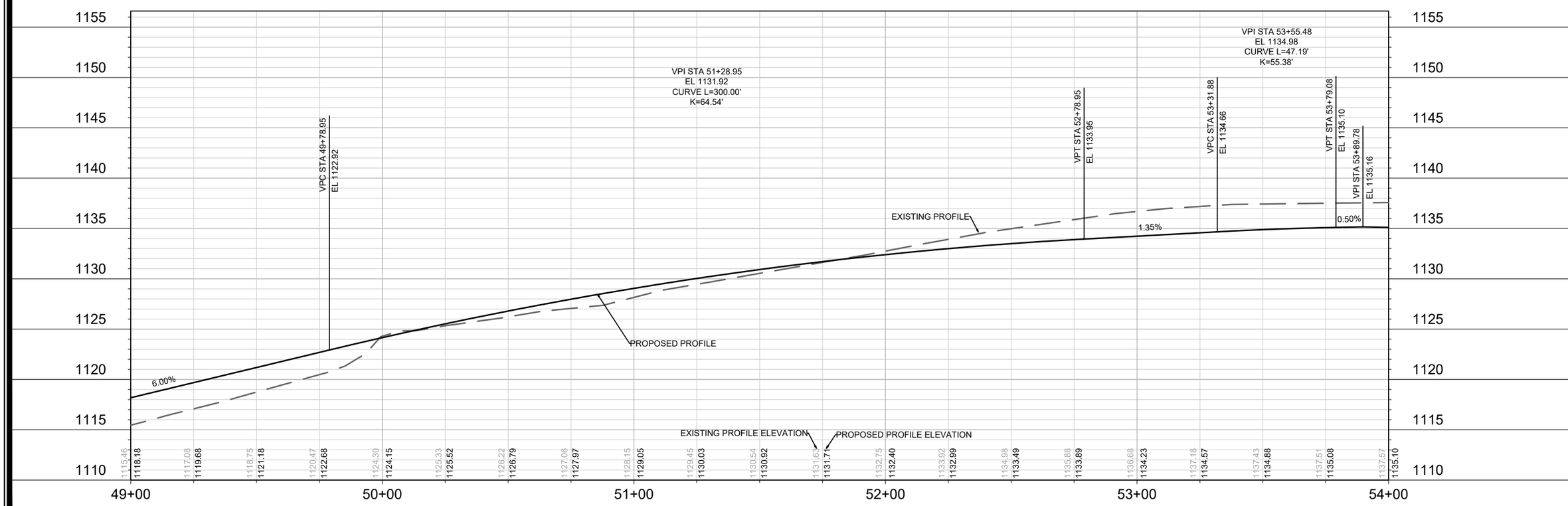
13763

P-1



NOTE
1. REMOVE ALL BARRICADES
2. END OF ROADWAY SIGNING S.D.D.6.29A
3. 5' ASPHALT TRANSITION FROM BACK-OF-CURB TO BACK-OF-CURB. CONSTRUCT ASPHALT CURB HEAD AND FLOWLINE TO MATCH CONCRETE CURB



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13763 P-2

13763

MADISON, WI

9066

CONTRACT NO:

N SUGAR MAPLE PLAN & PROFILE

EAGLE TRACE 5

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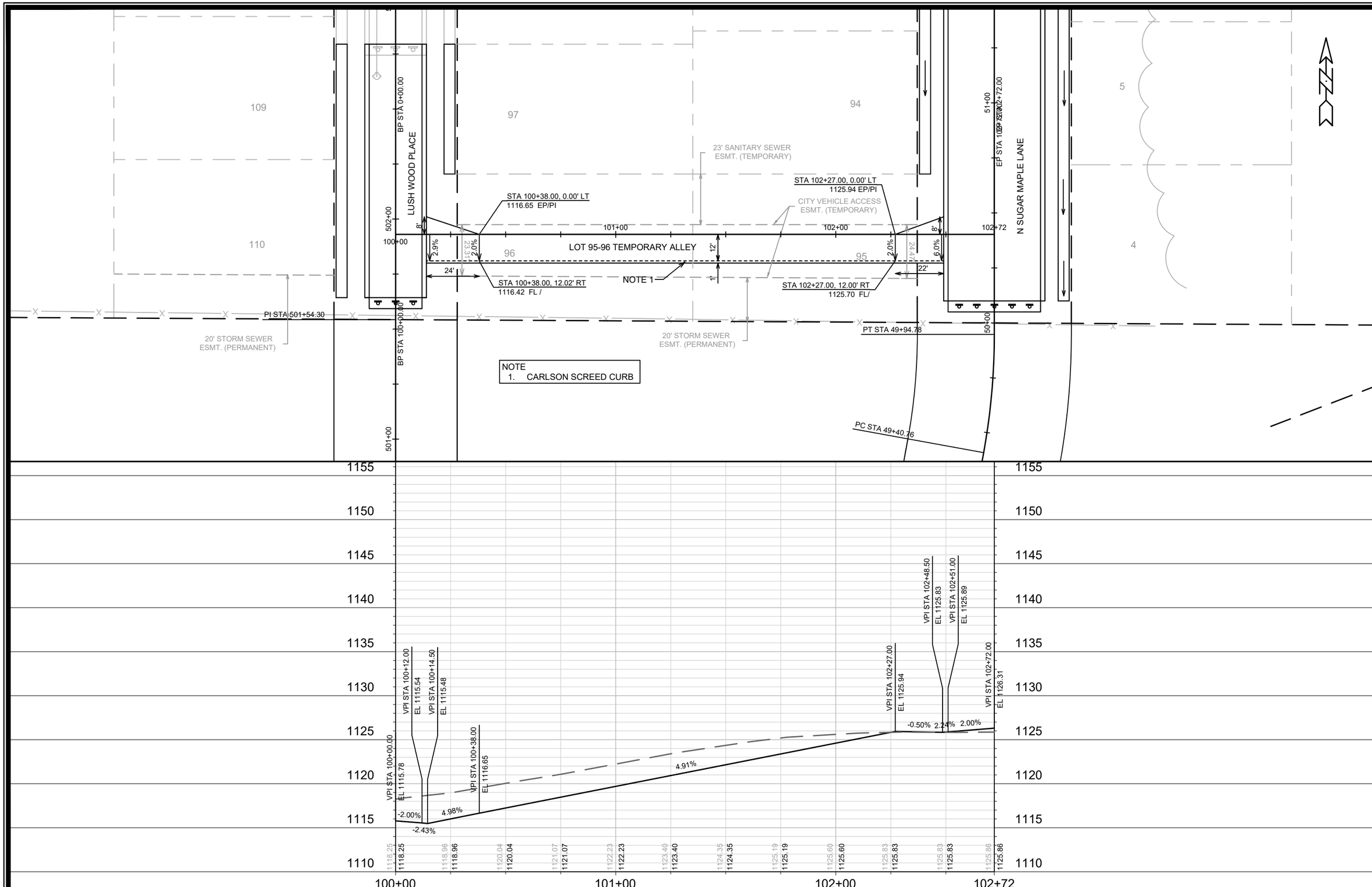
13763

P-2



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P-3

13763

MADISON, WI

9066

CONTRACT NO:

LOT 95-96 TEMPORARY ALLEY

EAGLE TRACE: PHASE 5

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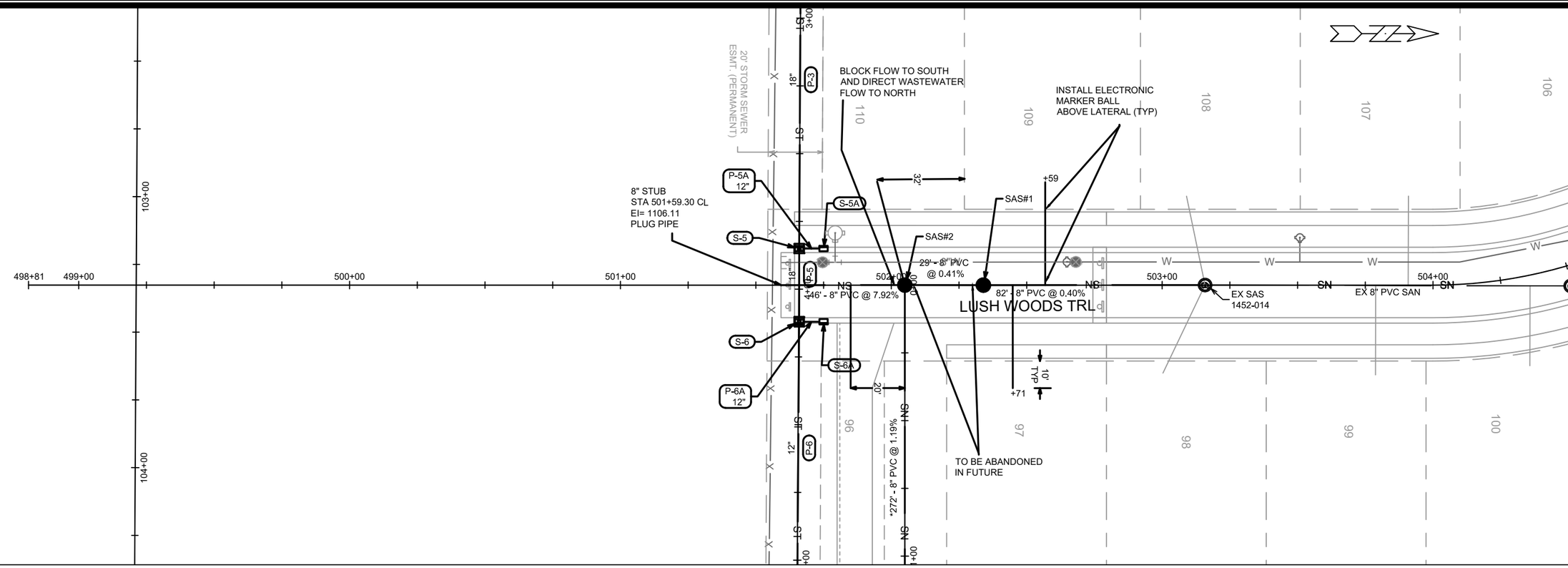
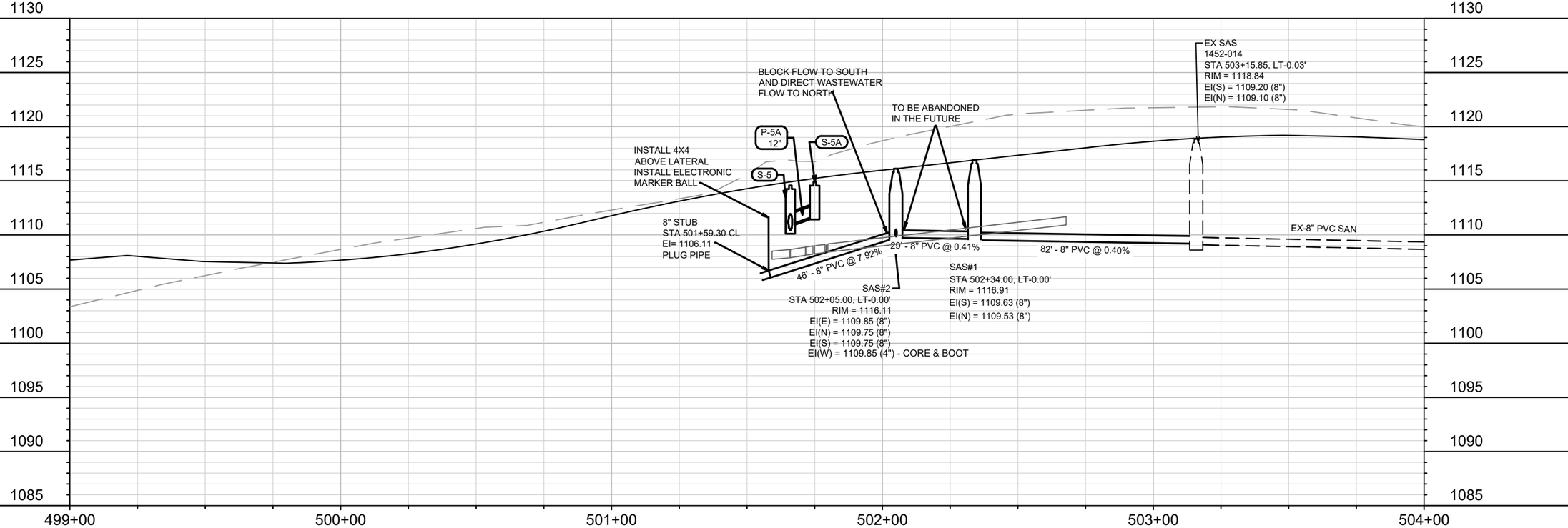
P-3





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13763

MADISON, WI

CONTRACT NO: 9066

LUSH WOODS TRL - UTILITIES PLAN & PROFILE

EAGLE TRACE PHASE 5

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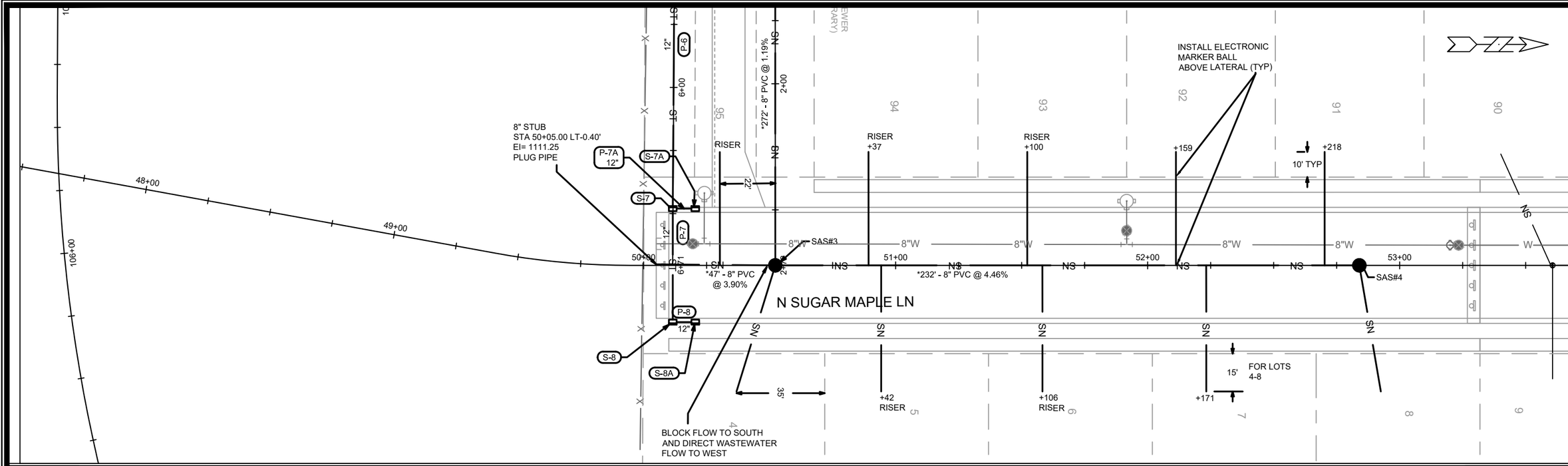

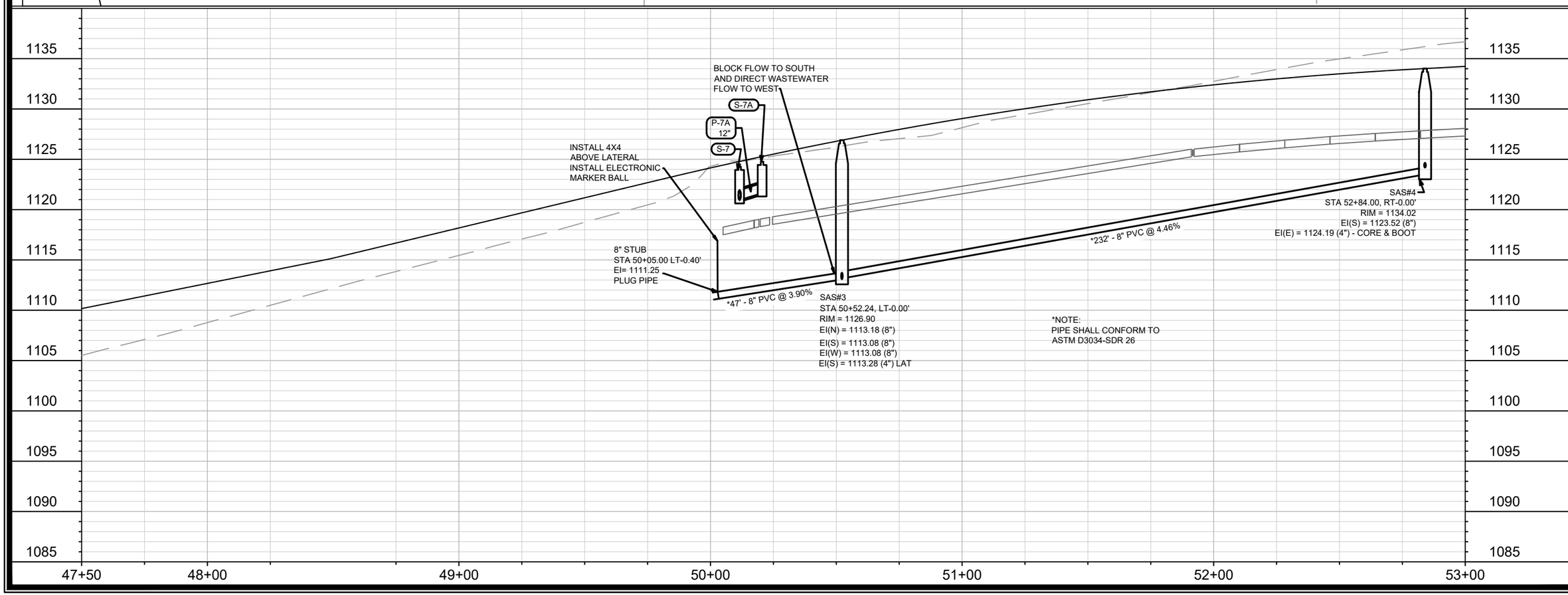

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13763 | U-2

13763

MADISON, WI

CONTRACT NO: 13763

N SUGAR MAPLE LN - UTILITIES PLAN & PROFILE

EAGLE TRACE PHASE 5

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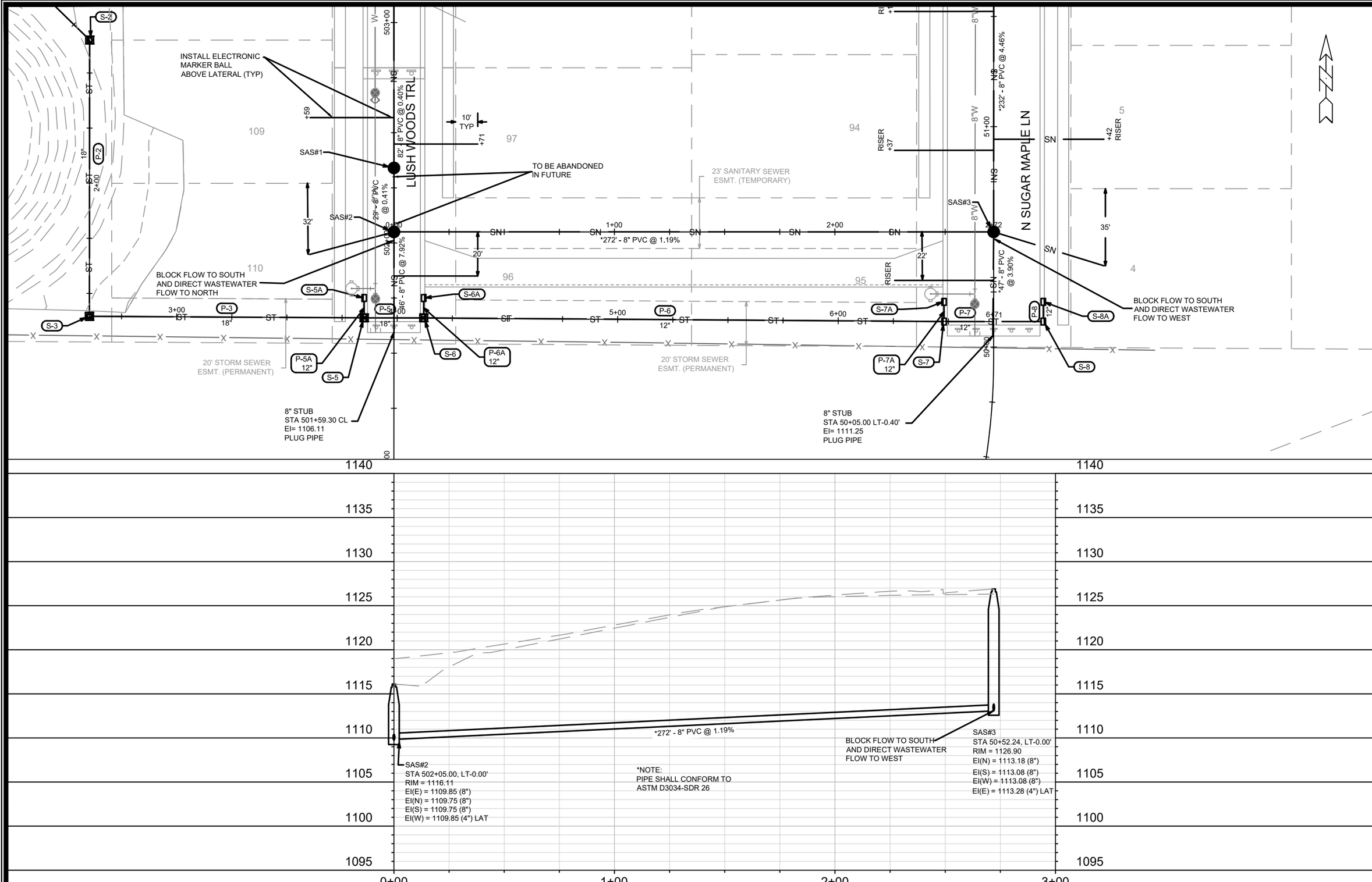

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MADISON, WI

CONTRACT NO: 9066

TEMP SANITARY - PLAN & PROFILE

EAGLE TRACE: PHASE 5

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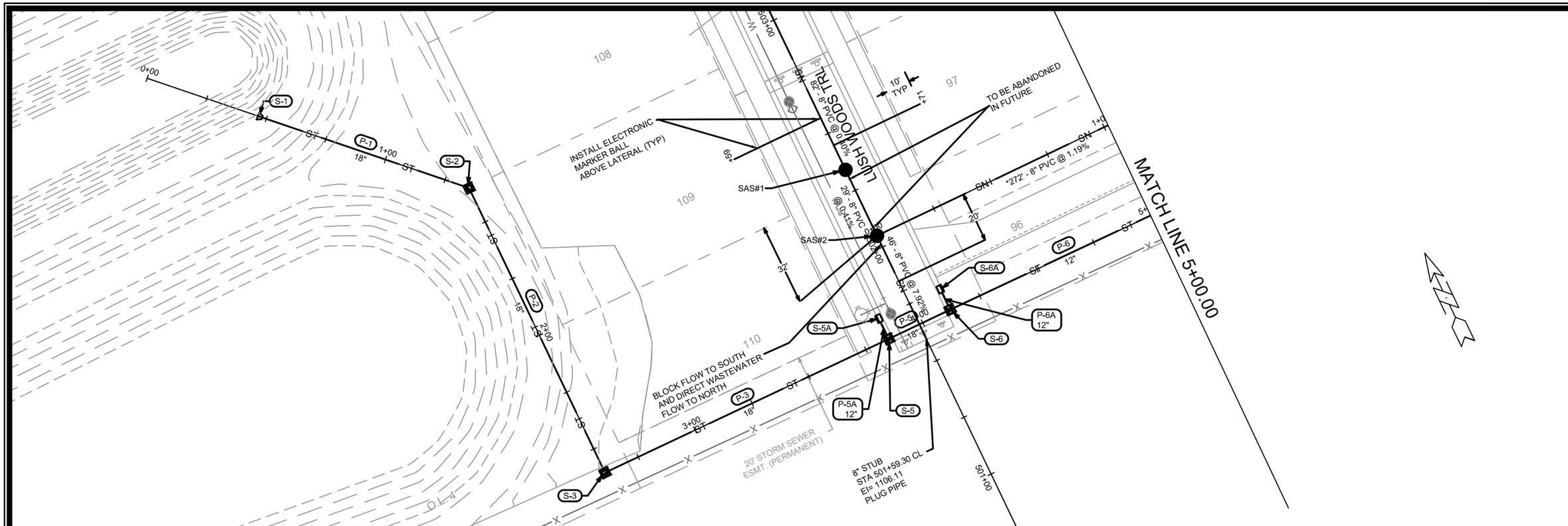
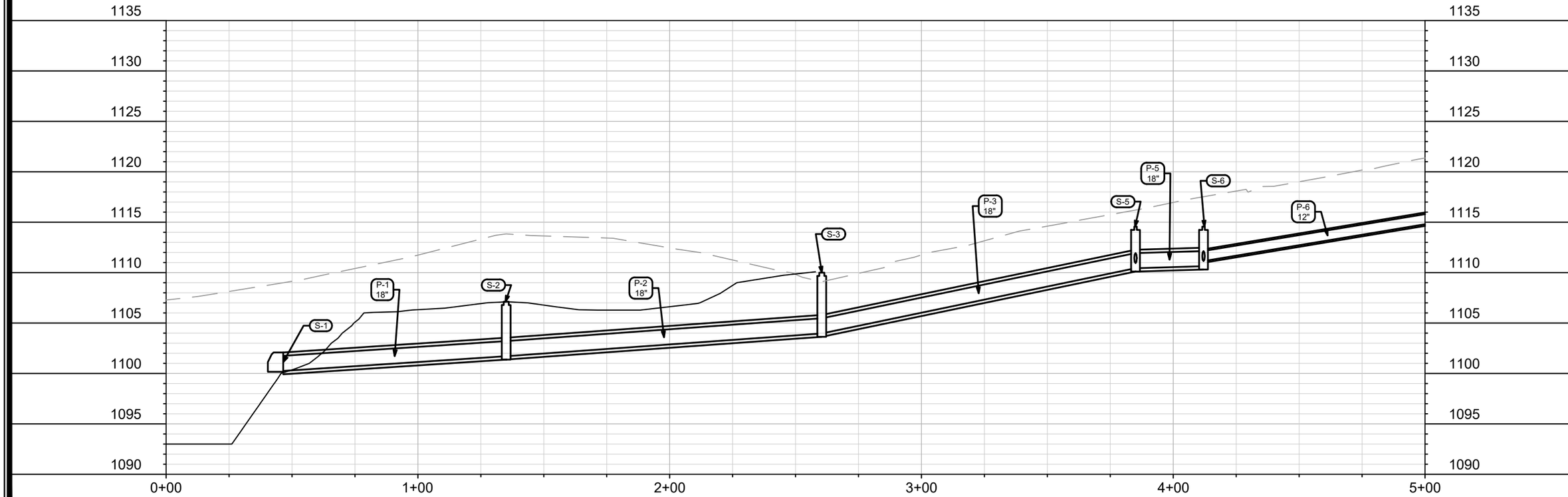
U-3





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U-4

13763

MADISON, WI

CONTRACT NO: 9066

STORM EASEMENT - PLAN & PROFILE

EAGLE TRACE: PHASE 5

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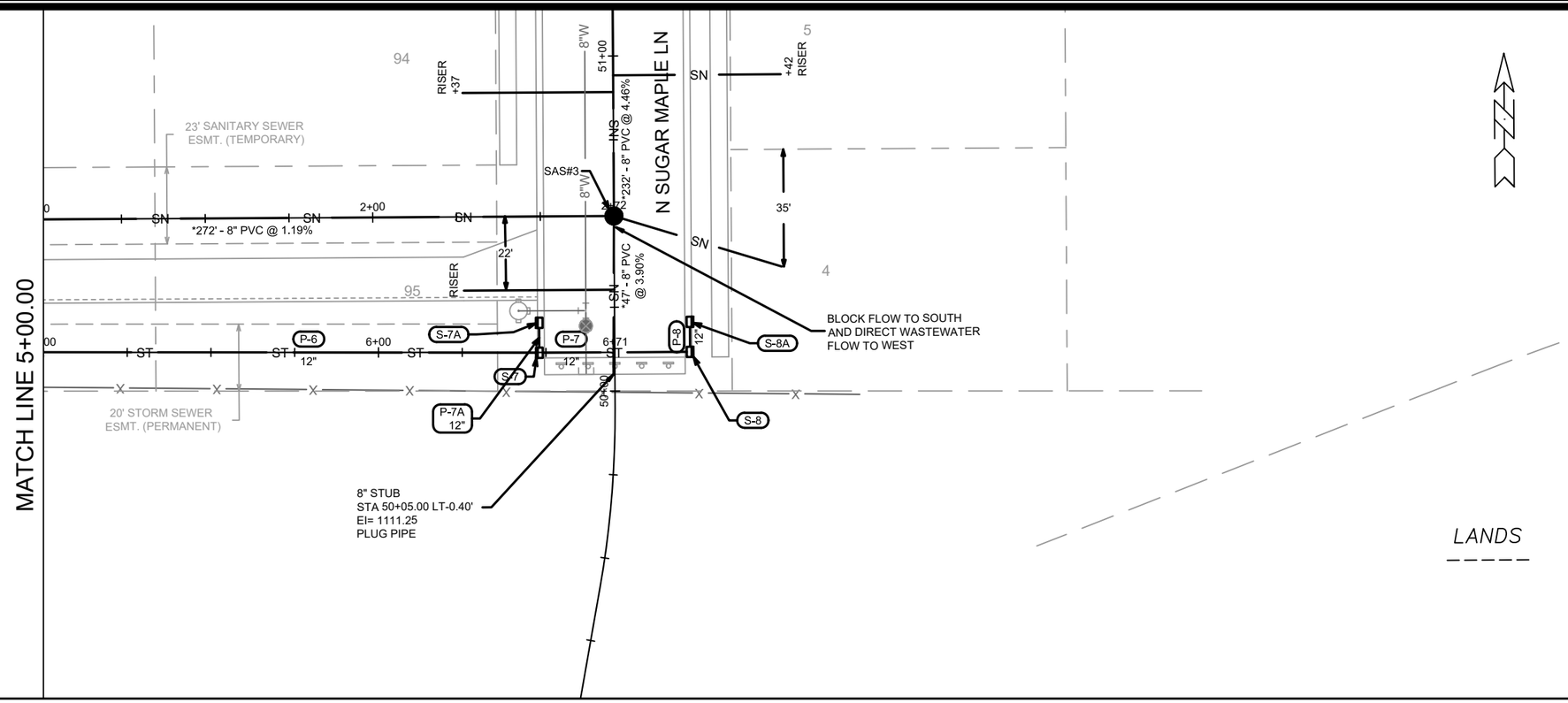
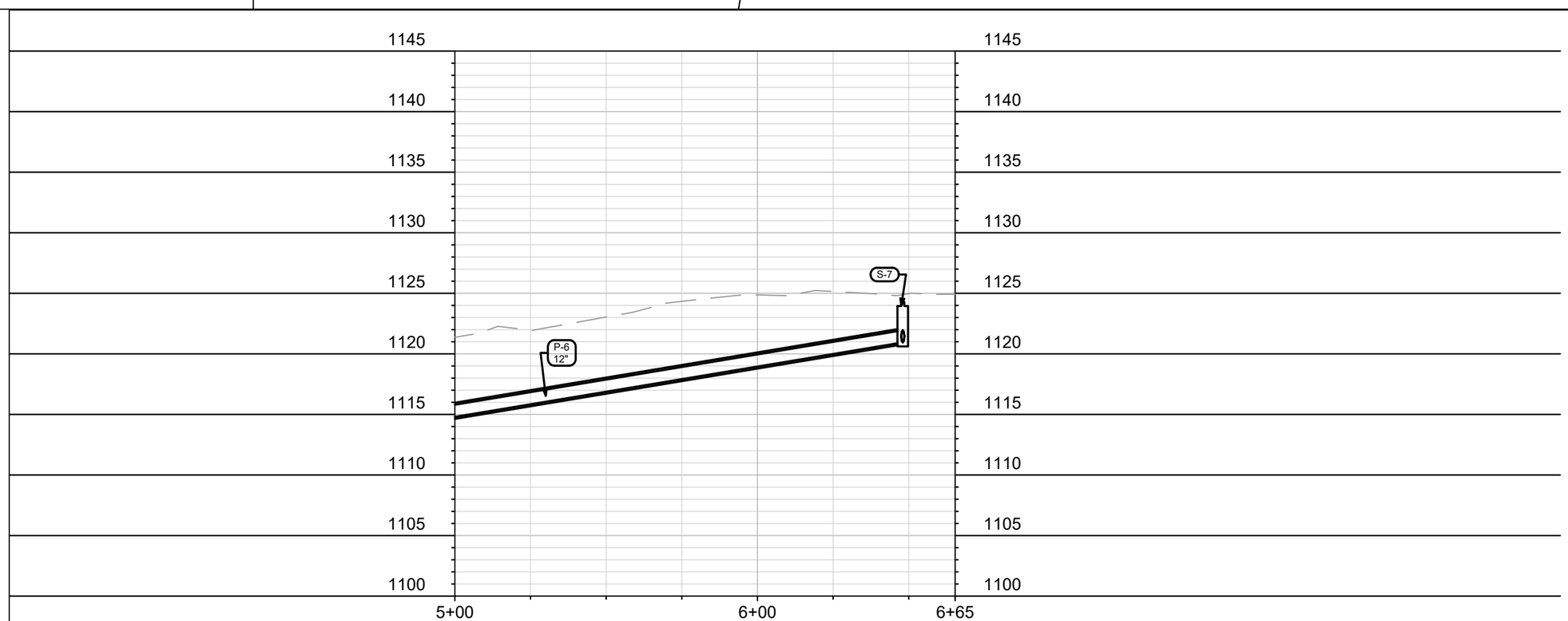
U-4





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13763 | U-5

13763

MADISON, WI

CONTRACT NO: 9066

STORM EASEMENT - PLAN & PROFILE

EAGLE TRACE: PHASE 5

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13763

U-5

SANITARY SEWER SCHEDULE

EAGLE TRACE PHASE 5	SHEET NO.
PROJECT NO. 13763	U-SAN
SANITARY SEWER SCHEDULE	
CITY OF MADISON	

PROPOSED SANITARY STRUCTURES

SAS NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH (FT)	NOTES
LUSHWOODS PLACE						
SAS#1	502+34.00	CL	1116.91	1109.53	7.38	-
SAS#2	502+05.00	CL	1116.11	1109.75	6.36	-
N SUGAR MAPLE LANE						
SAS#3	50+52.24	CL	1126.90	1113.08	13.82	-
SAS#4	52+84.00	CL	1134.02	1123.52	10.50	-

PROPOSED SANITARY PIPES

FROM (DNSTM)	TO (UPSTM)	DWNSTRM E.I.	UPSTRM E.I.	PLAN LGTH (FT)	SLOPE (%)	PIPE SIZE	PVC TYPE	NOTES
LUSHWOODS PLACE								
EX 1452-014	SAS#1	1109.20	1109.53	82	0.40%	8"	SDR-35	-
SAS#1	SAS#2	1109.63	1109.75	29	0.41%	8"	SDR-35	-
8" STUB	SAS#2	1106.11	1109.75	46	7.92%	8"	SDR-35	-
N SUGAR MAPLE LANE								
SAS#2	SAS#3	1109.85	1113.08	272	1.19%	8"	SDR-26	-
SAS#3	SAS#4	1113.18	1123.52	232	4.46%	8"	SDR-26	-
8" STUB	SAS#3	1111.25	1113.08	47	3.90%	8"	SDR-26	-

NOTES:

- ALL STRUCTURES SHALL BE SUBMITTED TO CITY ENGINEERING FOR APPROVAL. CONTACT ELIA E ACOSTA OF CITY ENGINEERING AT (608) 266-4096 FOR PRECAST APPROVALS, FAX SHOP DRAWINGS TO (608)264-9275, OR EMAIL SHOP DRAWINGS TO EACOSTA@CITYOFMADISON.COM.

STORM SEWER SCHEDULE

EAGLE TRACE PHASE 5	SHEET NO.
PROJECT NO. 13763	U-STM
STORM SEWER SCHEDULE	
	CITY OF MADISON

PROPOSED STORM STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
STORM EASEMENT							
S-1	0+46.50	CL	18" RCP APRON END	-	1100.25	-	W/ GATE
S-2	1+35.08	CL	3X3 SAS	1107.11	1101.71	5.40	W/ R-1550
S-3	2+60.42	CL	3X3 SAS	1110.00	1103.97	6.03	W/ R-1550
LUSH WOODS PLACE							
S-5	501+66.00	LT-13.50	3X3 SAS	1115.04	1110.44	4.60	W/ R-3067-7004-V
S-5A	501+75.00	LT-13.50	H INLET	1115.36	1111.76	3.60	W/ R-3067-7004-V
S-6	501+66.00	RT-13.50	3X3 SAS	1115.04	1110.64	4.40	W/ R-3067-7004-V
S-6A	501+75.00	RT-13.50	H INLET	1115.35	1111.76	3.59	W/ R-3067-7004-V
N SUGAR MAPLE LN							
S-7	50+11.55	LT-22.50	H INLET	1124.75	1120.95	3.80	W/ R-3067-7004-V
S-7A	50+20.50	LT-22.50	H INLET	1125.24	1121.64	3.60	W/ R-3067-7004-V
S-8	50+11.55	RT-22.50	H INLET	1124.75	1121.35	3.40	W/ R-3067-7004-V
S-8A	50+20.50	RT-22.50	H INLET	1125.24	1121.64	3.60	W/ R-3067-7004-V

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
P-1	S-1	S-2	1100.25	1101.71	89	87	1.68%	18"	TYPE II	-
P-2	S-2	S-3	1101.71	1103.97	125	123	1.84%	18"	TYPE II	-
P-3	S-3	S-5	1103.97	1110.44	125	122	5.30%	18"	TYPE II	-
P-5	S-5	S-6	1110.44	1110.64	27	24	0.83%	18"	TYPE I	-
P-5A	S-5	S-5A	1110.94	1111.76	9	6	13.67%	12"	TYPE II	-
P-6	S-6	S-7	1111.14	1120.95	236	234	4.19%	12"	TYPE II	-
P-6A	S-6	S-6A	1111.14	1111.76	9	6	10.33%	12"	TYPE II	-
P-7	S-7	S-8	1120.95	1121.35	45	43	0.93%	12"	TYPE I	-
P-7A	S-7	S-7A	1120.95	1121.64	9	6	11.50%	12"	TYPE II	-
P-8	S-8	S-8A	1121.35	1121.64	9	6	4.83%	12"	TYPE II	-

STANDARD NOTES:

-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.

- 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

- APPROXIMATE DISCHARGE E.I. GIVEN, ADJUST E.I. AND PIPE SLOPE IN THE FIELD.

- TOP OF CASTING GRADE GIVEN IS THE TOP OF CURB FOR INLET STRUCTURES AND THE FLOWLINE OF THE CLOSED CASTING FOR SAS's.

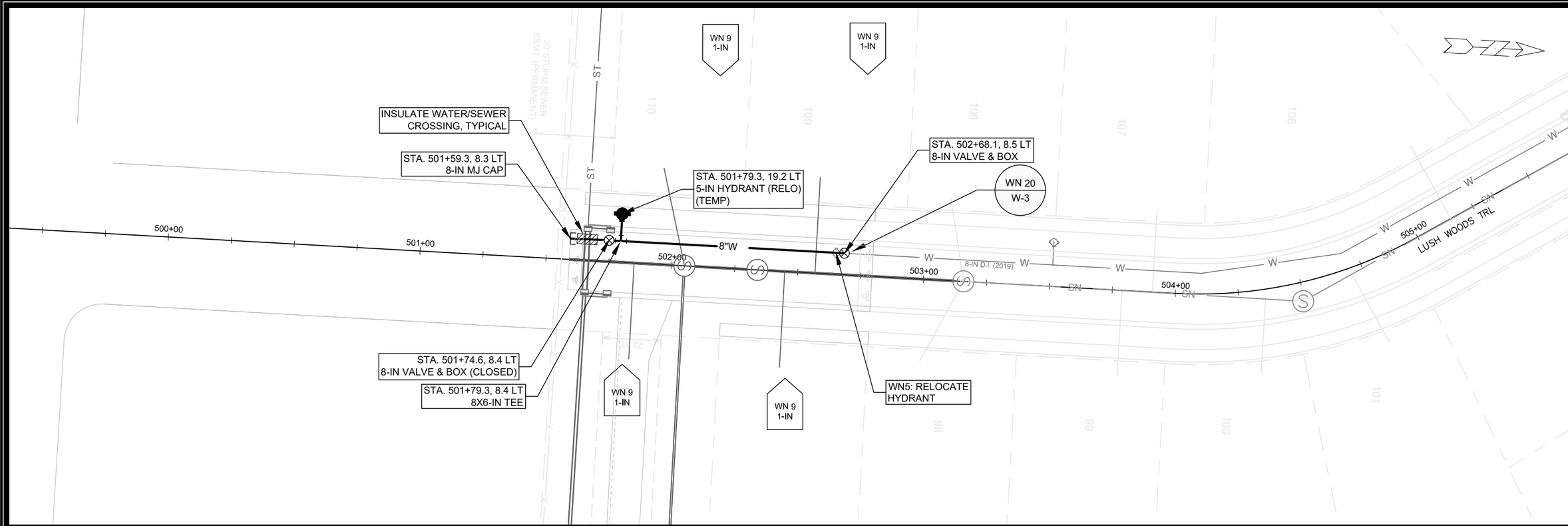
- ALL REINFORCED CONCRETE PIPES TO BE CLASS III UNLESS OTHERWISE NOTED.

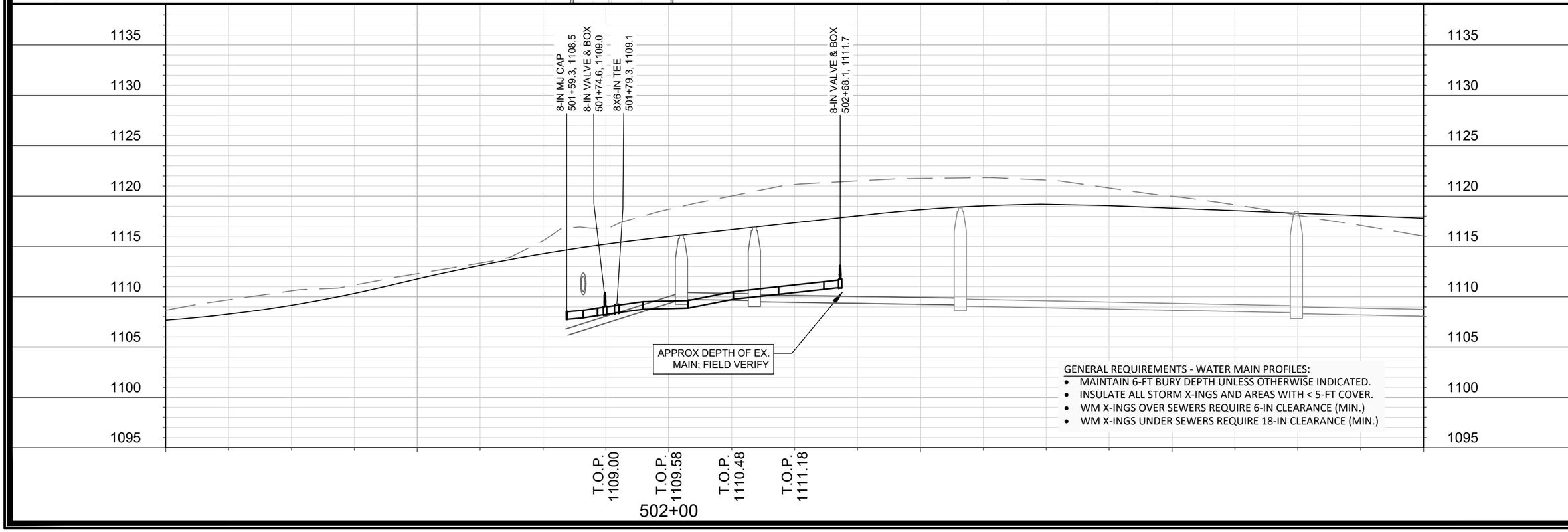
- SURVEYOR TO CONFIRM THAT ALL INLET STATION / OFFSETS LINE UP WITH PROPOSED CURB AND GUTTER.

-ALL 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 ELIA E ACOSTA OF CITY ENGINEERING AT (608) 266-4096 FOR STORM SEWER PRECAST APPROVALS, FAX SHOP DRAWINGS TO (608)264-9275, OR EMAIL SHOP DRAWINGS TO EACOSTA@CITYOFMADISON.COM.

-FOR SWM PRECAST APPROVALS CONTACT PHIL GAEBLER AT (608) 266-4059 OR EMAIL SWM SHOP DRAWINGS TO PGAEBLER@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.)

SCALE: 1" = 40'
DESIGNED BY: KBM
MADISON WATER UTILITY
119 E OLIN AVE, MADISON, WI 53713
PRINTING DATE: 1/20/22

CONTRACT NO: 9066

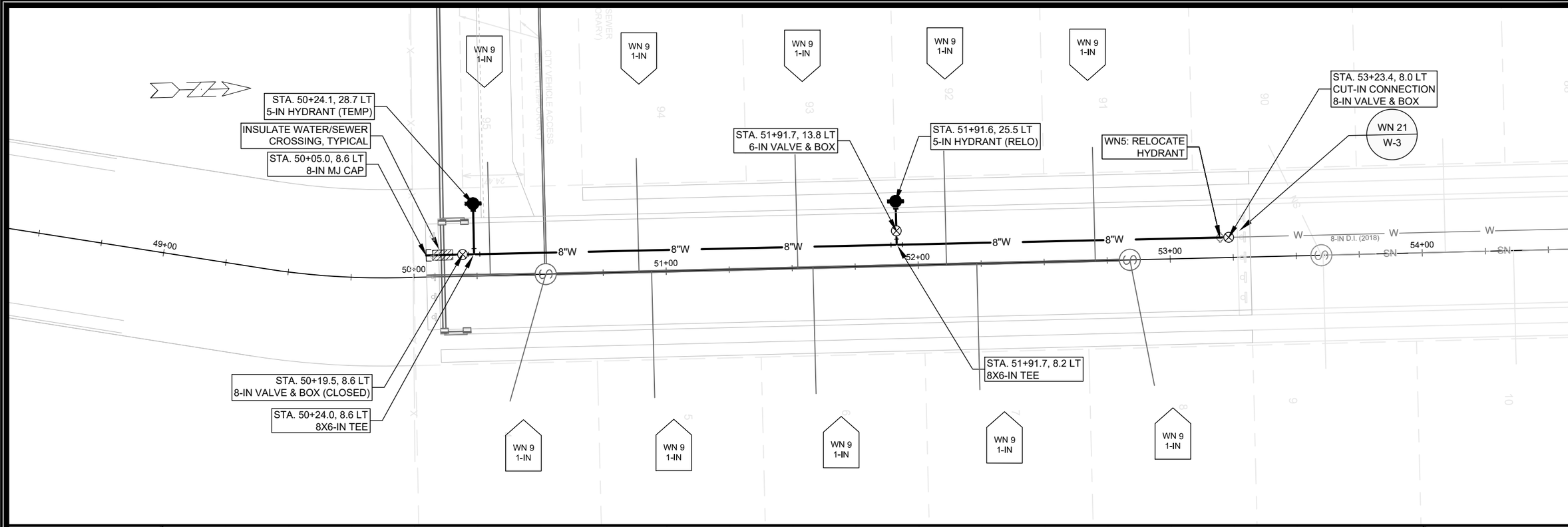
EAGLE TRACE: PHASE 5

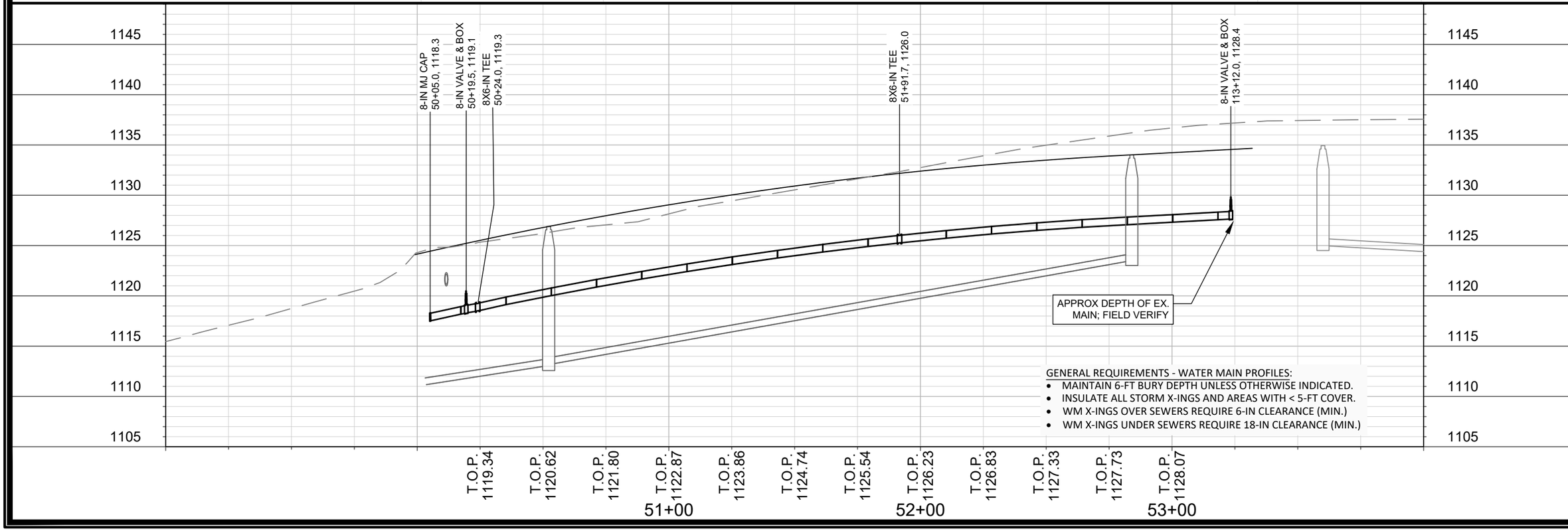
WATER PLAN & PROFILE LUSH WOODS TRL

CITY OF MADISON, WISCONSIN

13763

W-1





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.)

SCALE: 1" = 40'
DESIGNED BY: KBM
MADISON WATER UTILITY
119 E OLIN AVE, MADISON, WI 53713
PRINTING DATE:4/5/23

CONTRACT NO: 9066

EAGLE TRACE: PHASE 5
WATER PLAN & PROFILE N. SUGAR MAPLE LN
CITY OF MADISON, WISCONSIN

13763
W-2

WN-20
CONNECTION TO EX. 8-IN AT LUSH WOODS PL
ISOLATION VALVES:
- V-7734 (8-IN)

WN-21
CONNECTION TO EX. 8-IN AT N. SUGAR MAPLE LN
ISOLATION VALVES:
- V-7241 (8-IN)

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.

Madison Water Utility

SCALE: 1"=100'
DESIGNED BY: KBM
MADISON WATER UTILITY
119 E OLIN AVE, MADISON, WI 53713
PRINTING DATE:01/19/2022

CONTRACT NO: 9066

EAGLE TRACE PHASE 5
WATER IMPACT PLAN
CITY OF MADISON, WISCONSIN

13763
W-3

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Madison Water Utility

CONSTRUCTION NOTES:

1. CONSTRUCT NEW WATER MAIN 6.0' BELOW FINISHED GRADE, UNLESS OTHERWISE NOTED. INSULATE MAIN WITH POLYSTYRENE BOARD AT UTILITY CROSSINGS OR 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.
4. THE EXISTING UTILITIES SHOWN ON THIS REPRESENT THE BEST INFORMATION AVAILABLE TO THE WATER UTILITY AT THE TIME OF PLAN REPARATION. CONTRACTOR IS RESPONSIBLE OR HAVING EACH UTILITY LOCATED PRIOR TO COMMENCING WORK.

WN1	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	60	LNFT
70003	FURNISH AND INSTALL 8-INCH PIPE & FITTINGS	440	LNFT
70031	FURNISH AND INSTALL 6-INCH WATER VALVE	1	EACH
70032	FURNISH AND INSTALL 8-INCH WATER VALVE	4	EACH
70040	FURNISH AND INSTALL AND SALVAGE HYDRANT	1	EACH
70050	FURNISH AND INSTALL 1-INCH SERVICE LATERALS	14	EACH
70101	FURNISH AND INSTALL STYROFOAM	2	EACH
71002	8-IN MJ CAP	2	EACH
71159	8X6-IN REDUCER	2	EACH
71210	8X6-IN TEE	3	EACH
*ESTIMATE OF MATERIALS SUPPLIED BY WATER UTILITY:			
	N/A		
*ESTIMATE OF MATERIALS SALVAGED:			
70040	SALVAGE & RELOCATE EXISTING HYDRANT	2	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.

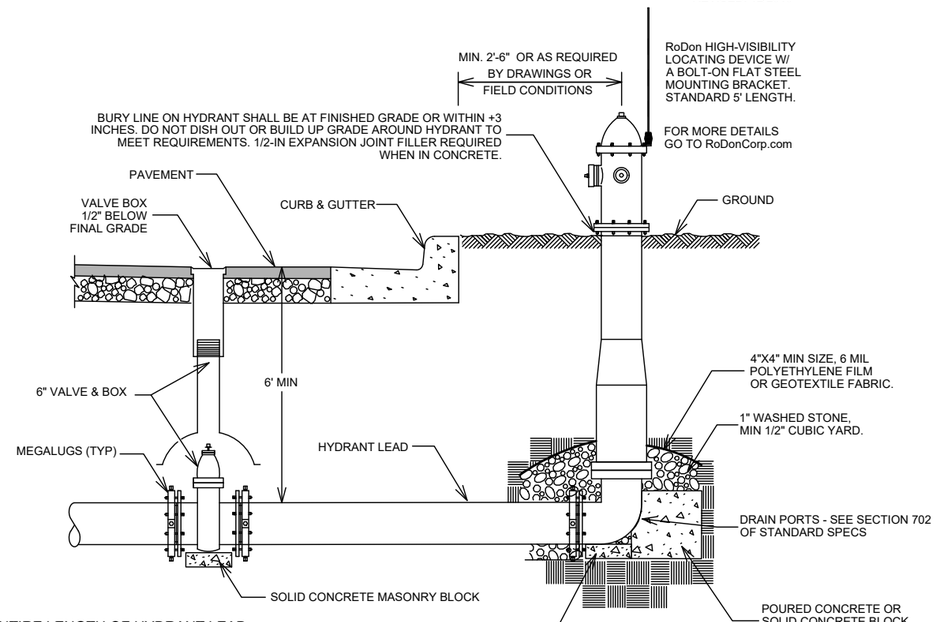
MEMBER ONE CALL SYSTEMS INTERNATIONAL

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: 12/2019



NOTE:

1. RESTRAIN ENTIRE LENGTH OF HYDRANT LEAD FROM THE TEE THROUGH THE VALVE TO THE HYDRANT AS SPECIFIED USING JOINT RESTRAINTS PER SECTION 703.10

CITY OF MADISON WATER UTILITY	NOT TO SCALE	TYPICAL HYDRANT INSTALLATION

SCALE: N/A
DESIGNED BY: TDP
MADISON WATER UTILITY
119 E OLIN AVE, MADISON, WI 53713
PRINTING DATE:4/5/23

CONTRACT NO: 9066

EAGLE TRACE PHASE 5
WATER ESTIMATE OF MATERIALS
CITY OF MADISON, WISCONSIN

CITY OF MADISON WISCONSIN

13763
W-4

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502+00.00

502+50.00

501+75.00

502+25.00

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MADISON, WI

CONTRACT NO: 9066

LUSH WOOD PLACE

EAGLE TRACE: PHASE 5

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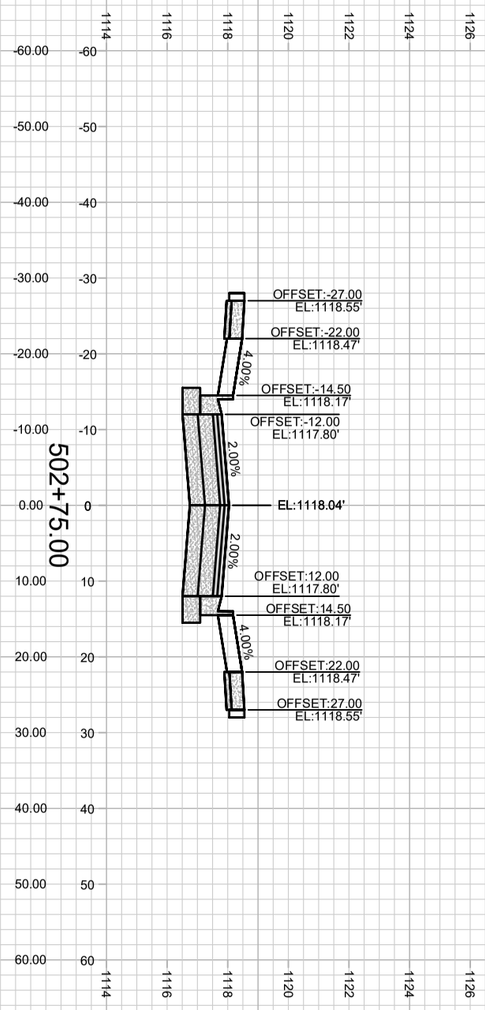

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MADISON, WI

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CONTRACT NO:

N. SUGAR MAPLE LN

EAGLE TRACE: PHASE 5

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MADISON, WI

CONTRACT NO: 9066

N. SUGAR MAPLE LN

EAGLE TRACE: PHASE 5

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52+50.00

51+75.00

52+25.00

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MADISON, WI

CONTRACT NO: 9066

N. SUGAR MAPLE LN

EAGLE TRACE: PHASE 5

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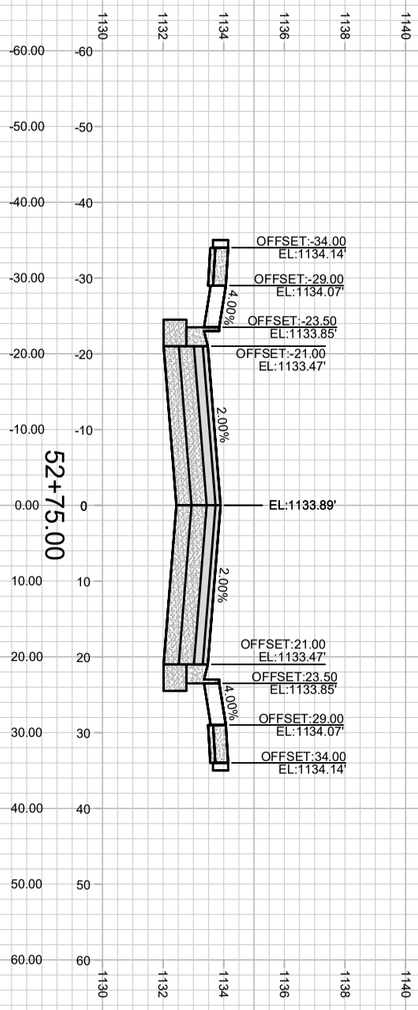
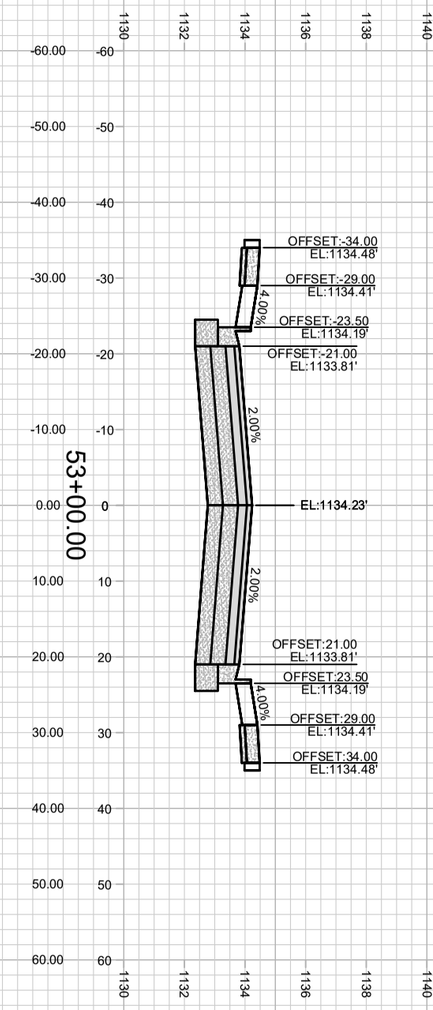
CITY OF MADISON WISCONSIN

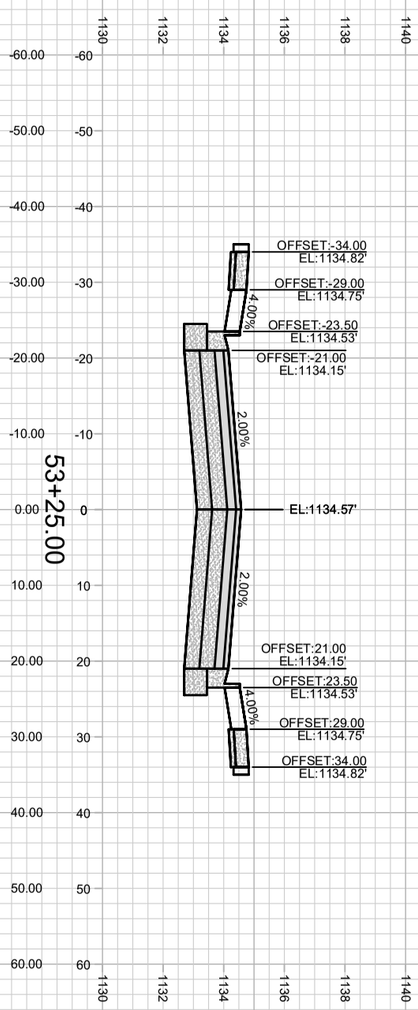
13763

X-5

X-5







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N. SUGAR MAPLE LN 13763

EAGLE TRACE: PHASE 5 MADISON, WI

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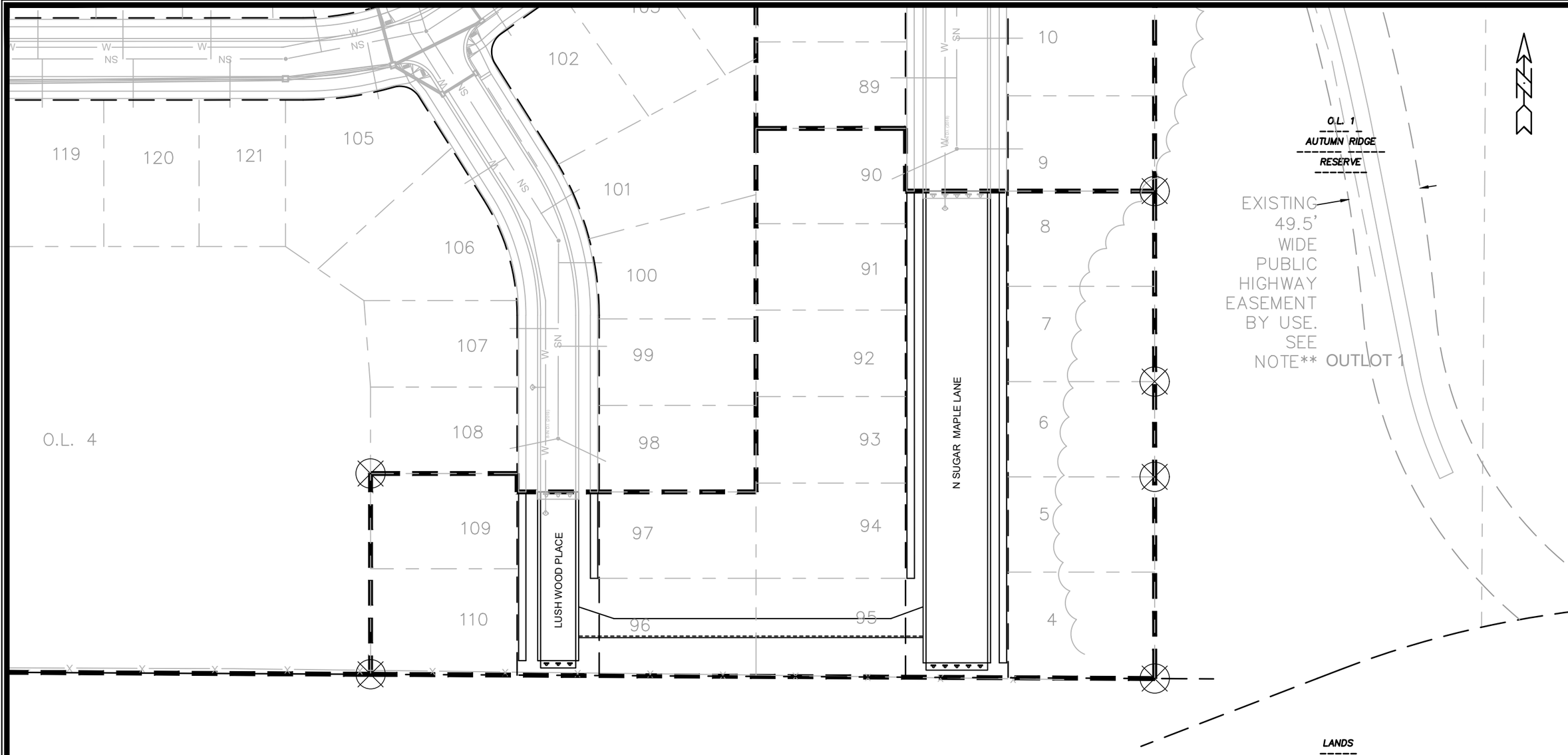

LEGEND:

— — = PHASE BOUNDARY

⊗ = INSTALL PROPERTY BOUNDARY MARKERS AT LOT CORNER WITH CITY ENGINEERING STORMWATER MANAGEMENT FACILITY.

BOUNDARY MARKERS SHALL BE CARSONITE DUAL-SIDED TRAIL MARKER 60" FIBERGLASS, COLOR: BROWN AND SHALL HAVE A CITY OF MADISON ENGINEERING DIVISION BOUNDARY MARKER LOGO DECAL

MARK	REVISION	DATE	BY
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MADISON, WI

CONTRACT NO: 9066

PROPERTY BOUNDARY MAKERS

EAGLE TRACE: PHASE 5

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