

Madison, Wisconsin

CITY OF MADISON

CITY ENGINEERING DIVISION

DEPARTMENT OF PUBLIC WORKS

PLAN OF PROPOSED IMPROVEMENT

PUBLIC IMPROVEMENT PROJECT APPROVED

JUNE 3, 2014

BY THE COMMON COUNCIL OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN APPROVED BY:

Christy Be... 6-6-14
City Engineer Date

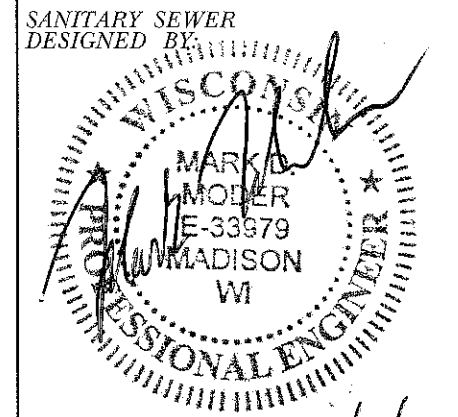
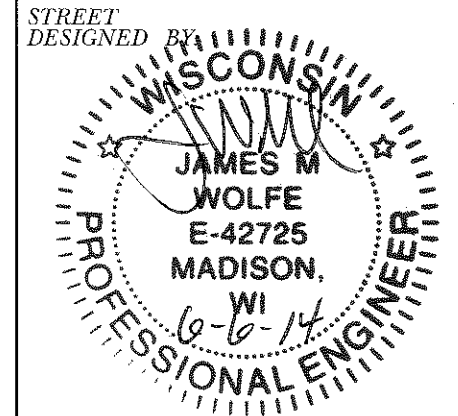
INDEX OF SHEETS

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EC1-EC3	STREET PLAN & PROFILES
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U1-U3	SEWER SCHEDULES
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W4	WATER LATERAL DETAILS
W5A-W5B	WATER ESTIMATE OF MATERIALS
W6	CROSS SECTIONS
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BITTERSWEET PLACE ASSESSMENT DISTRICT - 2014

CITY PROJECT NO. 53W1775

CITY CONTRACT NO. 7304

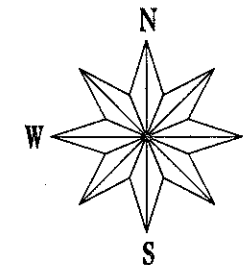
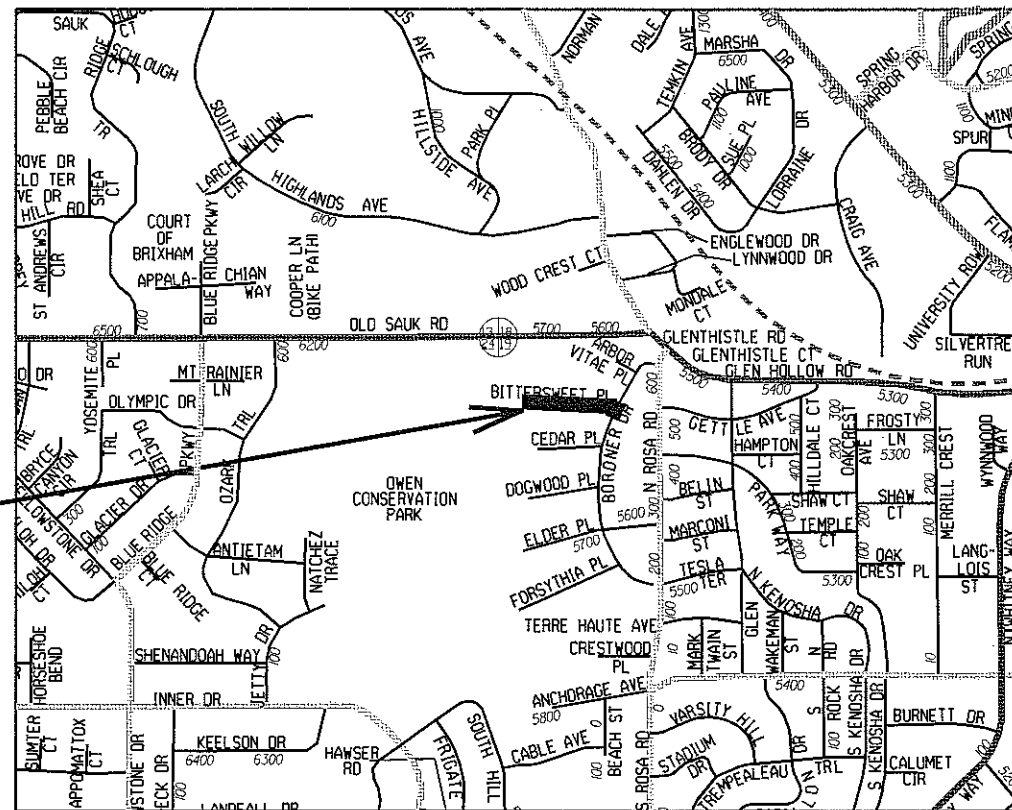


CONVENTIONAL SIGNS

FIELD VERIFY ALL UTILITY LOCATIONS

GAS	G
STORM SEWER	ST
SANITARY SEWER	SAN
WATER	W
OVERHEAD ELECTRIC	OH
POWER POLE	⊕
ADA COMPLIANT RAMP W/ DETECTABLE WARNING FIELD	⊞
COMBUSTIBLE FLUIDS	☀

CONSTRUCTION PROJECT LOCATION

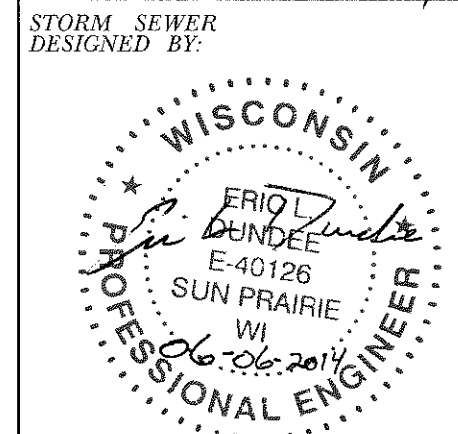
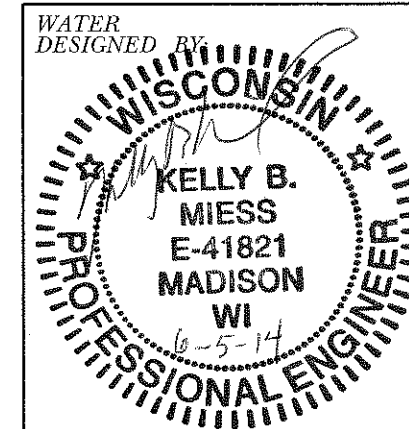


NOTES:

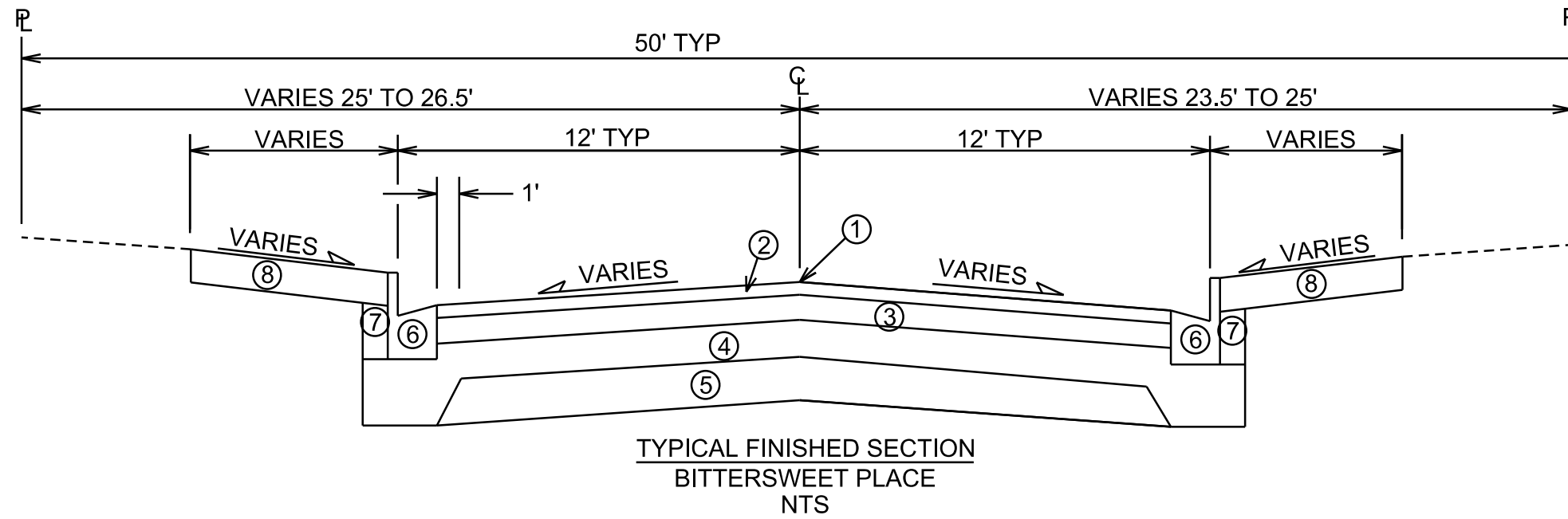
ALL GUTTERS SHALL DRAIN WITH A MINIMUM GRADE OF 0.50% TOWARD STORM SEWER INLETS.

SIDEWALK RAMPS AND CURB THRU SIDEWALK RAMPS SHALL HAVE A MAXIMUM SLOPE OF 1" PER 12". SIDEWALK AND CURB RAMPS SHALL BE CONSTRUCTED WITH A SIDE SLOPE OF 2.00%. SIDEWALK SHALL HAVE A MINIMUM LONGITUDINAL SLOPE OF 0.50% AND A MAXIMUM LONGITUDINAL SLOPE OF 5.00% EXCEPT WHERE STREET GRADES EXCEED 5.00%.

EARTH WORK SUMMARY:
EXCAVATION CUT (MEASURED PLAN QUANTITY).....1,330 C.Y.
ESTIMATED UNDISTRIBUTED UNDERCUT.....400 C.Y.
TOTAL UNCLASSIFIED EXCAVATION CUT.....1,730 C.Y.



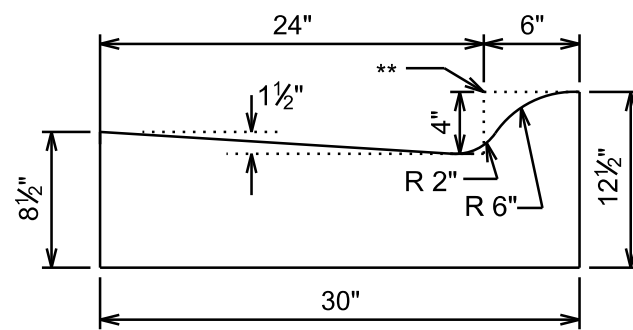
PLOT SCALE: REV. DATE: ORIGINATOR: CITY OF MADISON, STREETS DIVISION



- ① POINT REFERRED TO ON PROFILE
- ② 1 3/4" BITUMINOUS UPPER LAYER, TYPE E-0.3
- ③ 1 3/4" BITUMINOUS LOWER LAYER, TYPE E-0.3
- ④ 4" GRADATION 2 CRUSHED STONE
- ⑤ 6" GRADATION 1 CRUSHED STONE
- ⑥ MODIFIED TYPE 'A' CONCRETE CURB & GUTTER
- ⑦ FILL, INCIDENTAL
- ⑧ 4" TOPSOIL, SEED & EROSION MAT

* SEE CROSS SECTION SHEETS FOR
CROSS SLOPES AND TOP OF CURB ELEVATIONS.

TYPICAL SECTIONS NOT TO SCALE



** POINT REFERRED TO ON CROSS SECTIONS AND
POINT MEASURED TO FOR DIMENSIONS & STA/OFF

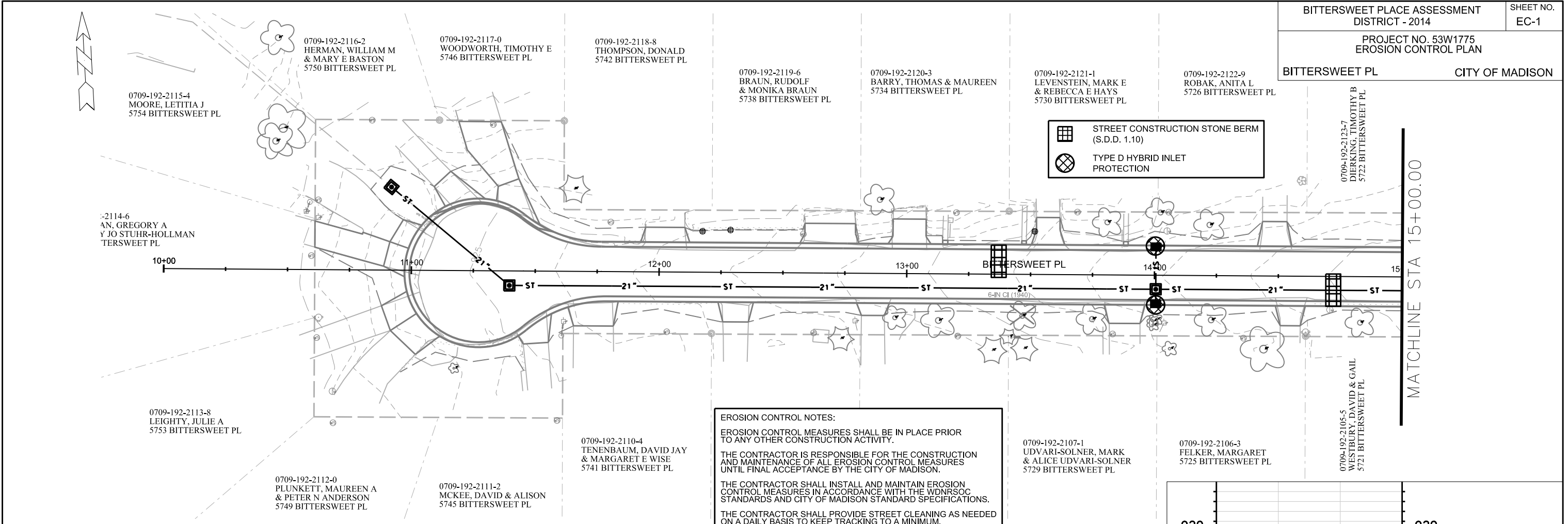
**MODIFIED TYPE 'A' CURB DETAIL
PAY AS TYPE 'A' CURB
NTS**

PLOT SCALE: _____

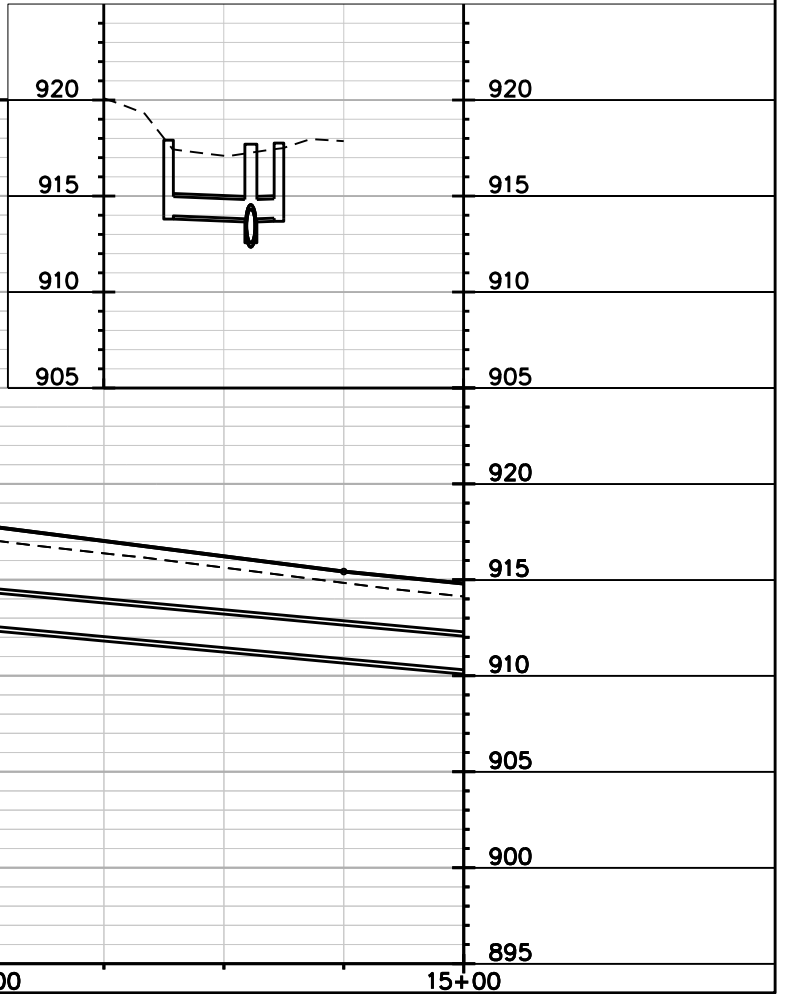
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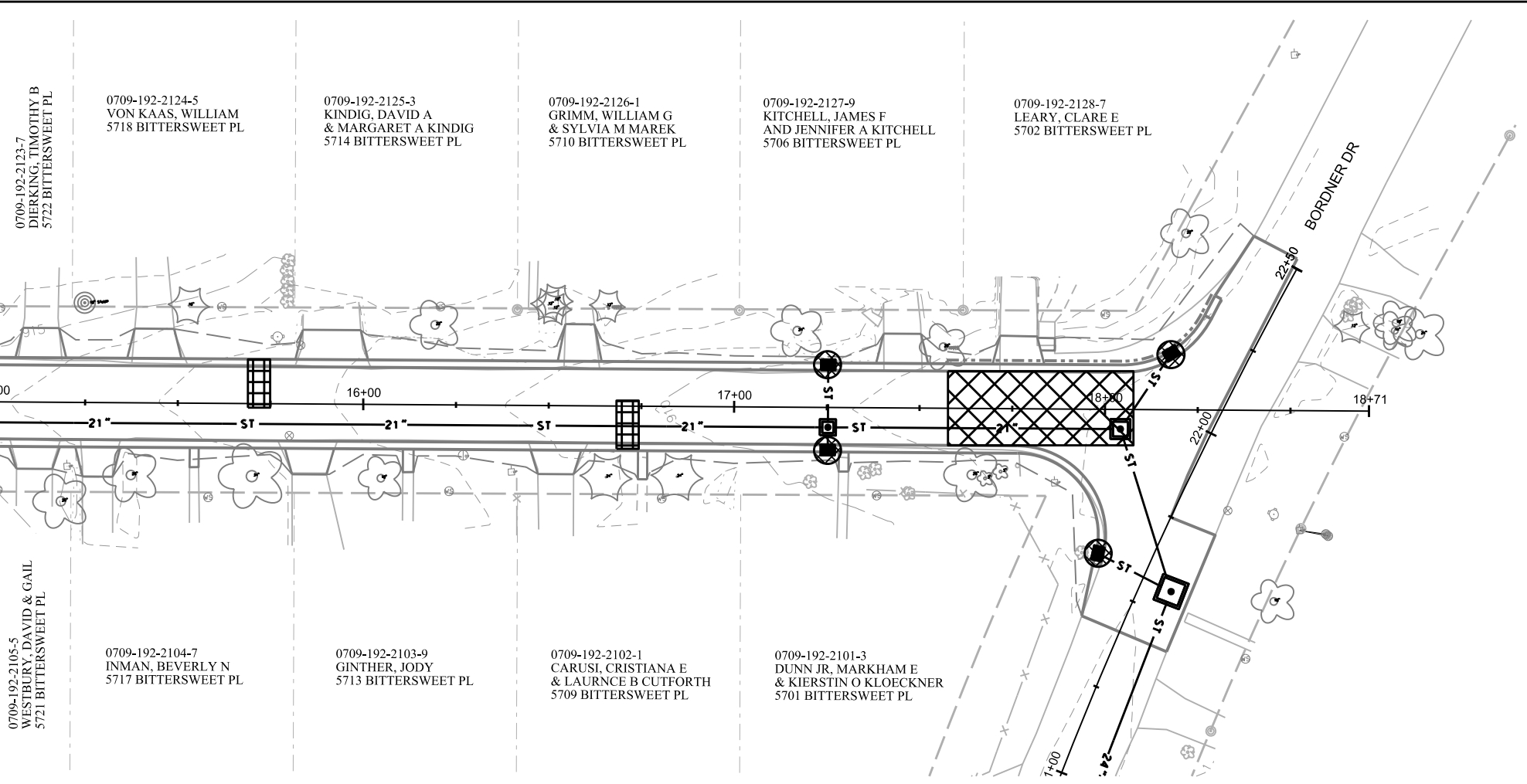
EROSION CONTROL NOTES:
 EROSION CONTROL MEASURES SHALL BE IN PLACE PRIOR TO ANY OTHER CONSTRUCTION ACTIVITY.
 THE CONTRACTOR IS RESPONSIBLE FOR THE CONSTRUCTION AND MAINTENANCE OF ALL EROSION CONTROL MEASURES UNTIL FINAL ACCEPTANCE BY THE CITY OF MADISON.
 THE CONTRACTOR SHALL INSTALL AND MAINTAIN EROSION CONTROL MEASURES IN ACCORDANCE WITH THE WDNR SOC STANDARDS AND CITY OF MADISON STANDARD SPECIFICATIONS.
 THE CONTRACTOR SHALL PROVIDE STREET CLEANING AS NEEDED ON A DAILY BASIS TO KEEP TRACKING TO A MINIMUM.
 PROVISION OF AN EROSION CONTROL IMPLEMENTATION PLAN BY THE CONTRACTOR AT THE PRE-CON IS REQUIRED.
 THE CONTRACTOR SHALL PROVIDE A CONSTRUCTION DEWATERING PLAN AS PART OF THE EROSION CONTROL IMPLEMENTATION PLAN.
 POLYMER SHALL BE APPLIED TO DISTURBED AREAS AS DIRECTED BY THE CONSTRUCTION ENGINEER.



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MATCHLINE STA 15+00.00



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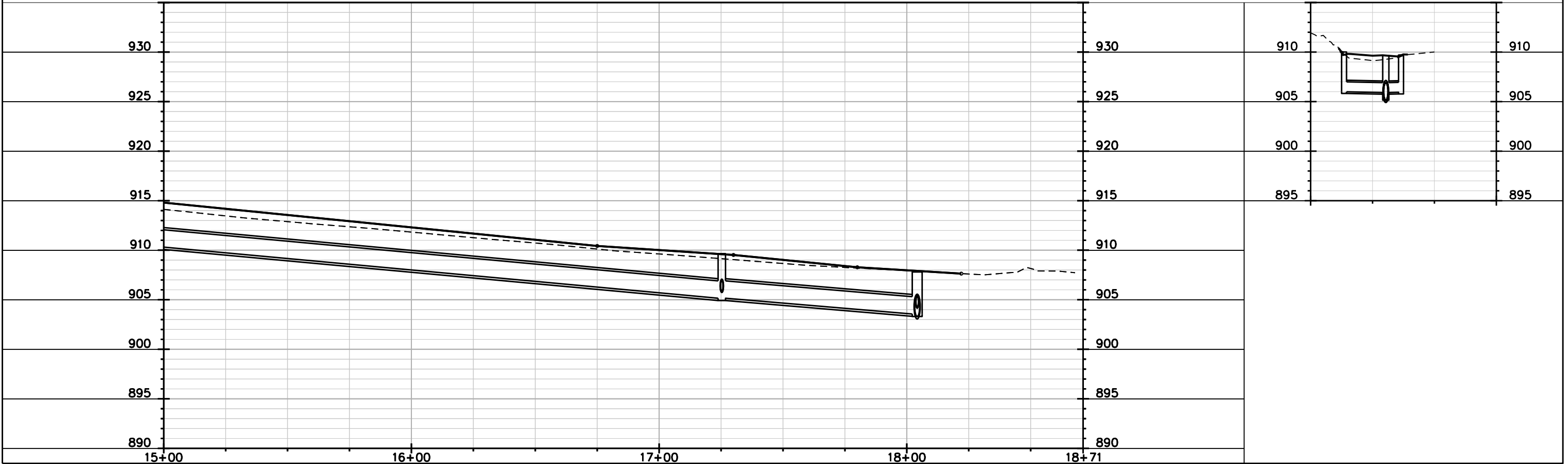
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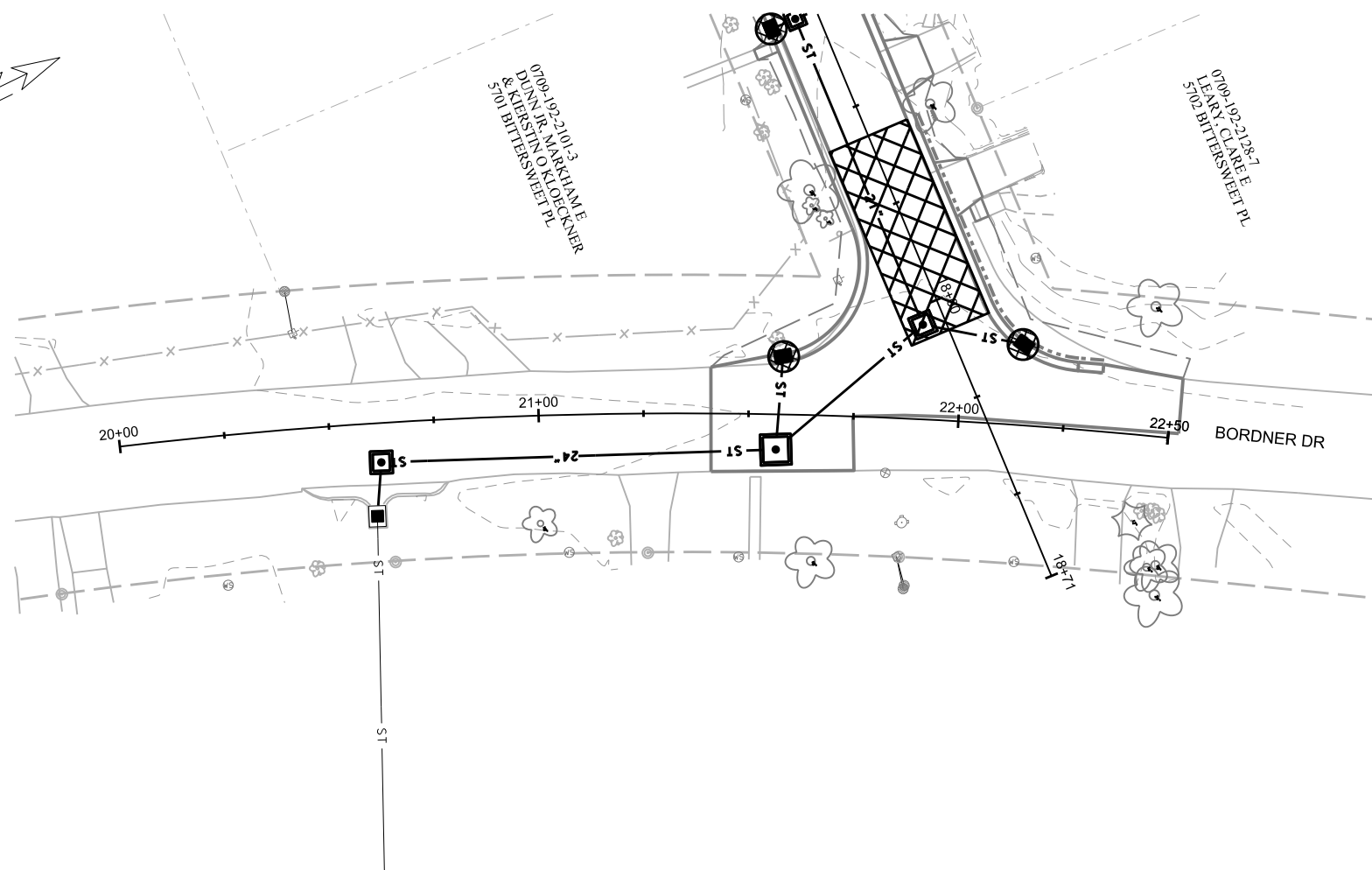
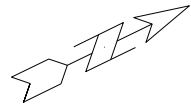


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STREET CONSTRUCTION ENTRANCE BERM (S.D.D. 1.08)

TYPE D HYBRID INLET PROTECTION

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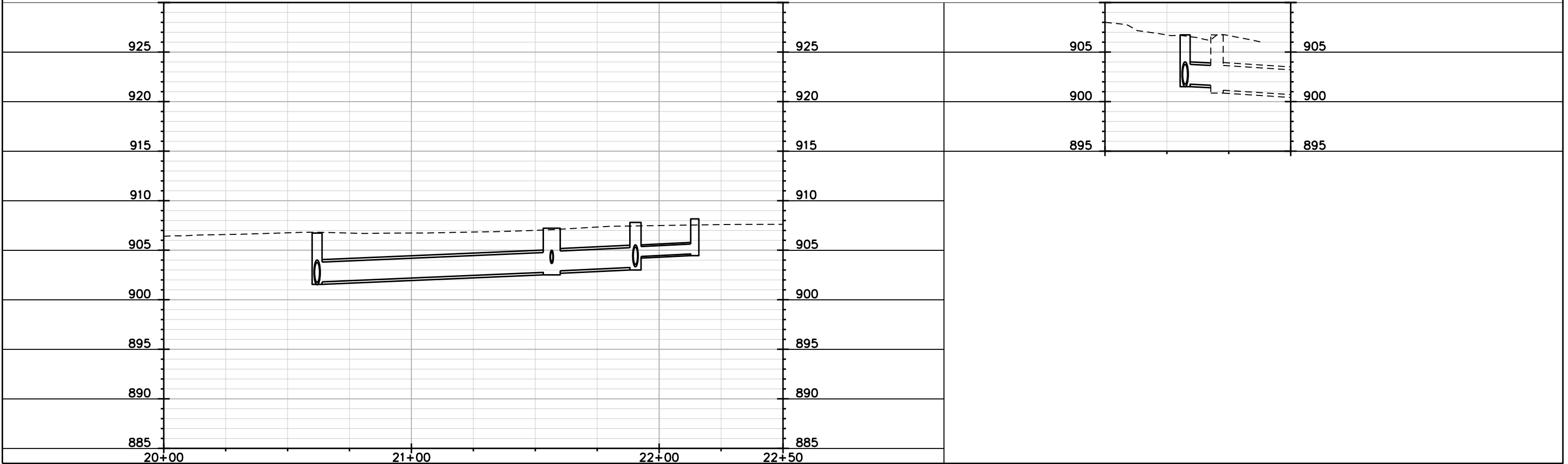
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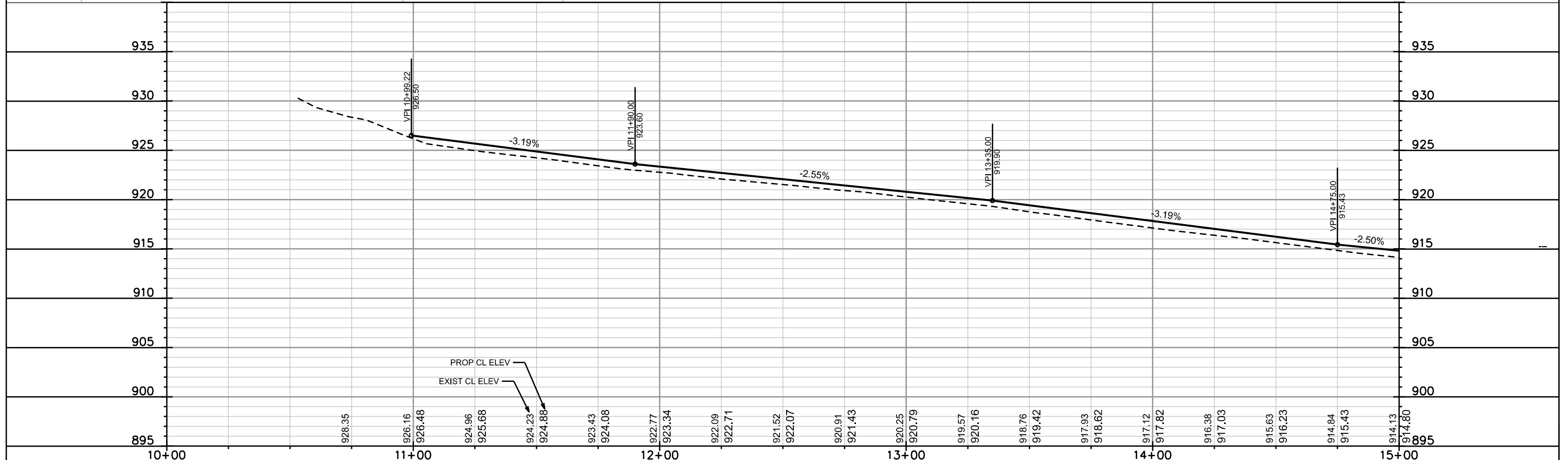
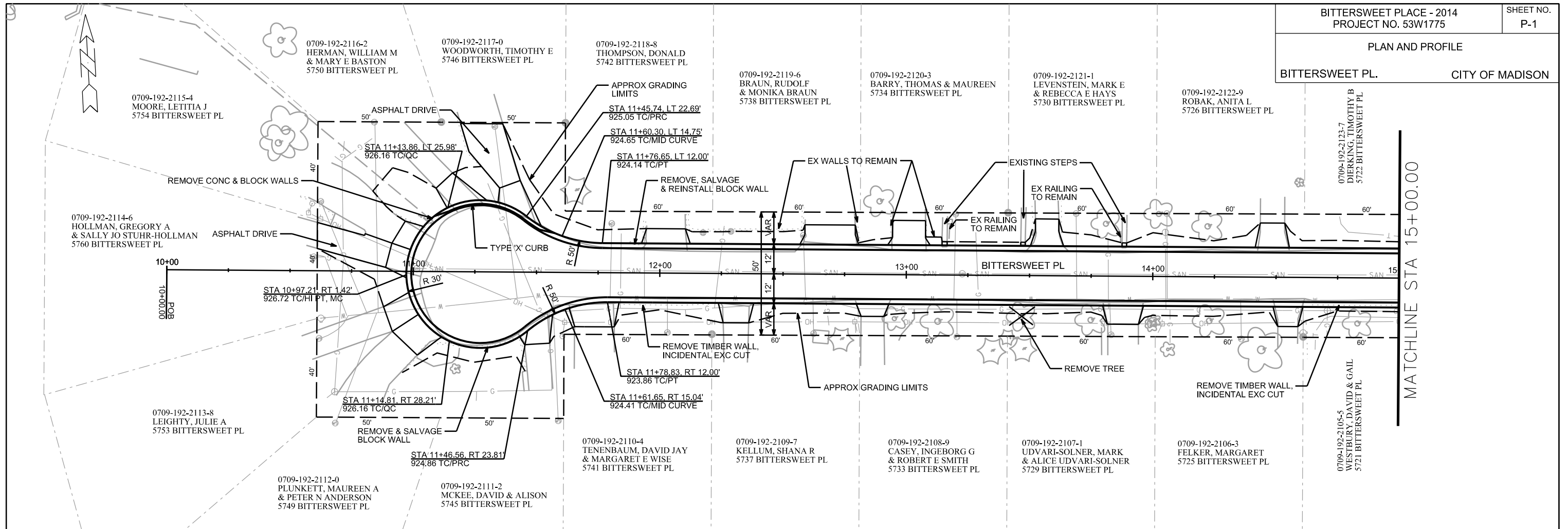
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PLAN AND PROFILE

BITTERSWEET PL. CITY OF MADISON



PLOT SCALE: _____

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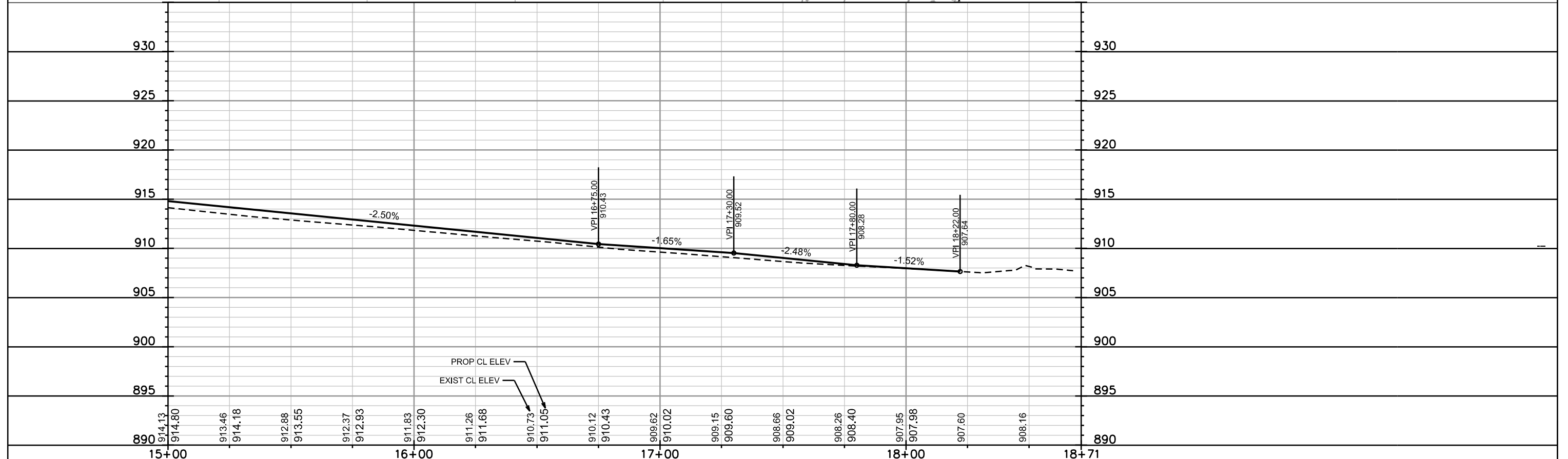
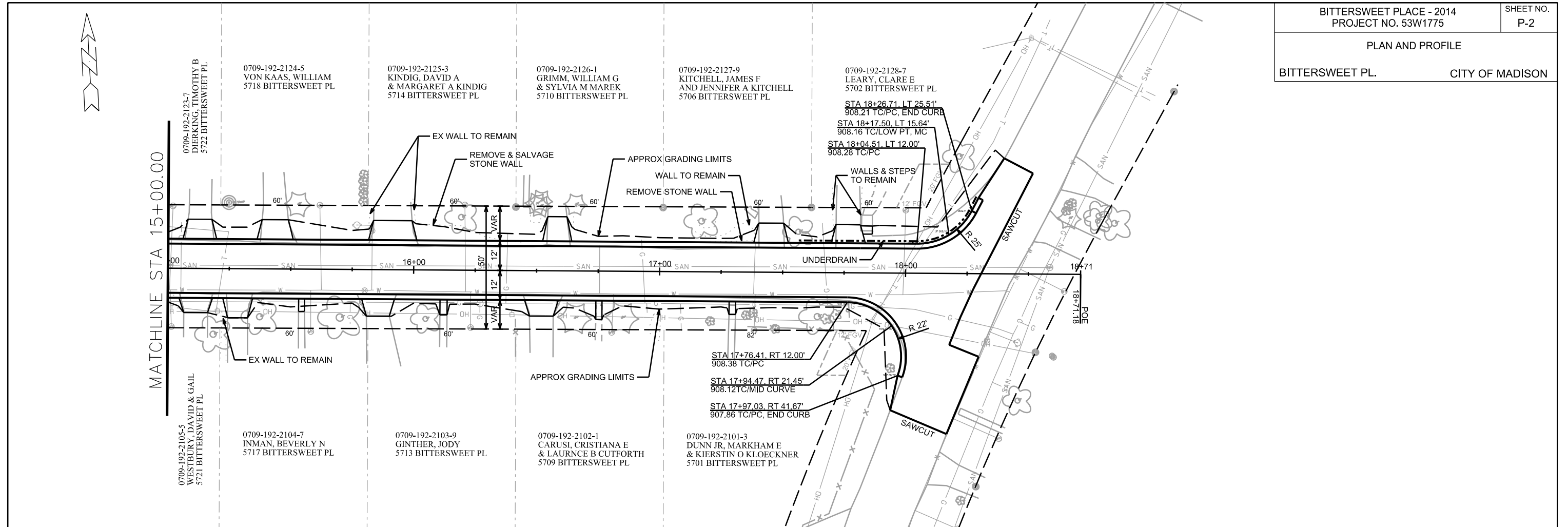
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PLAN AND PROFILE

BITTERSWEET PL.

CITY OF MADISON



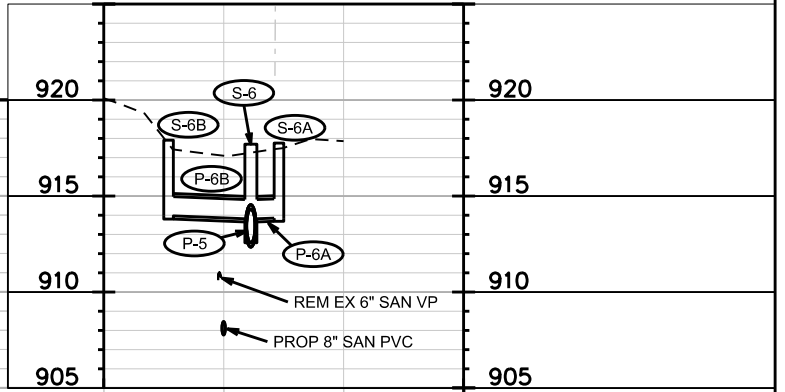
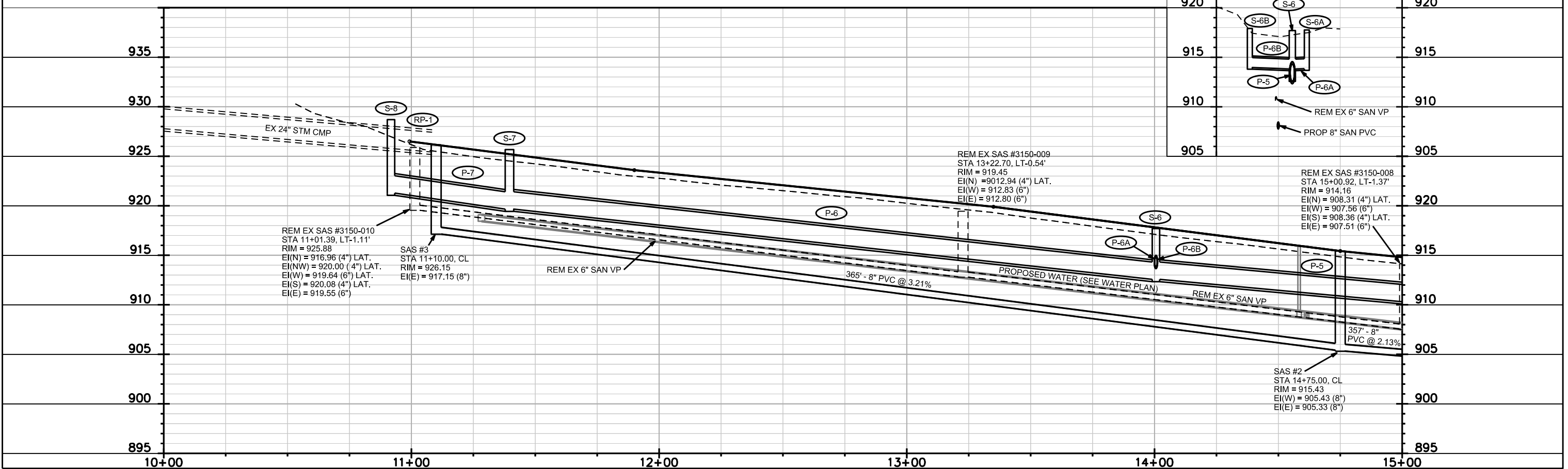
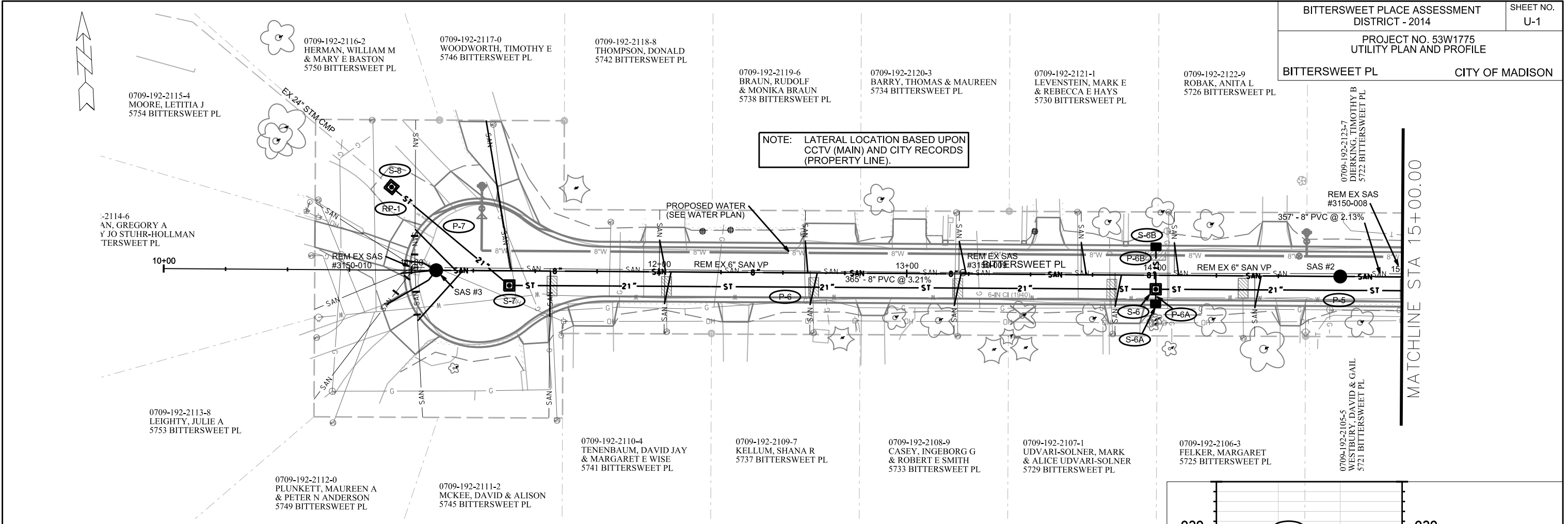
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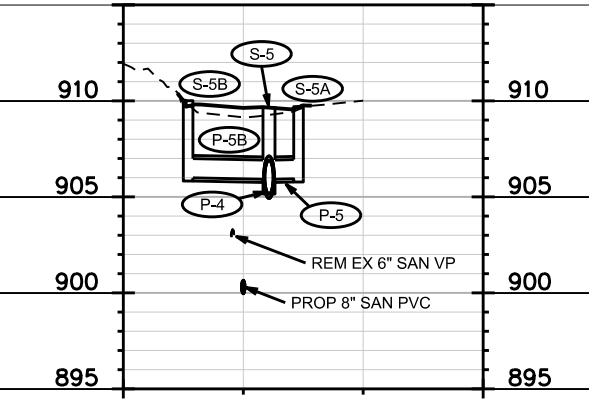
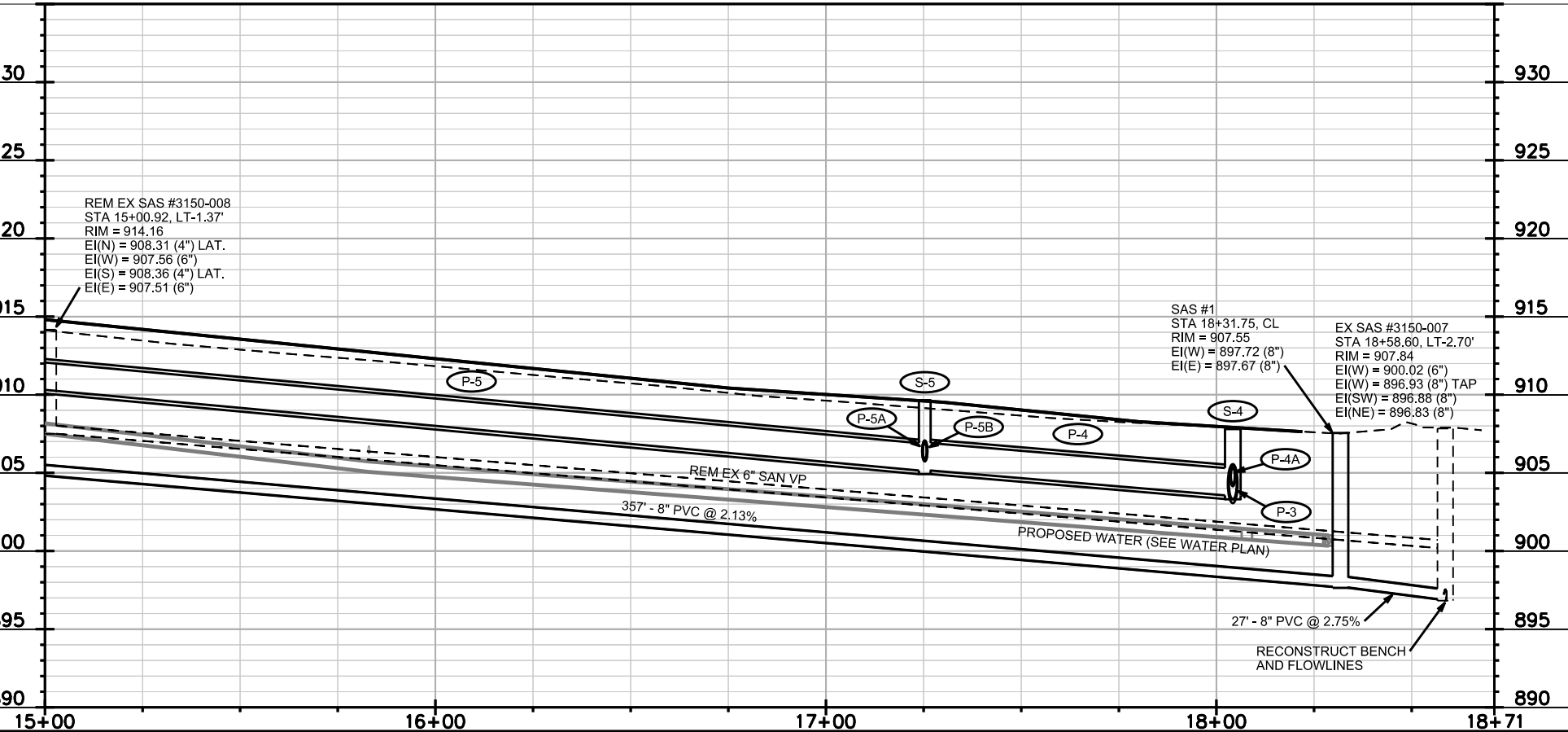
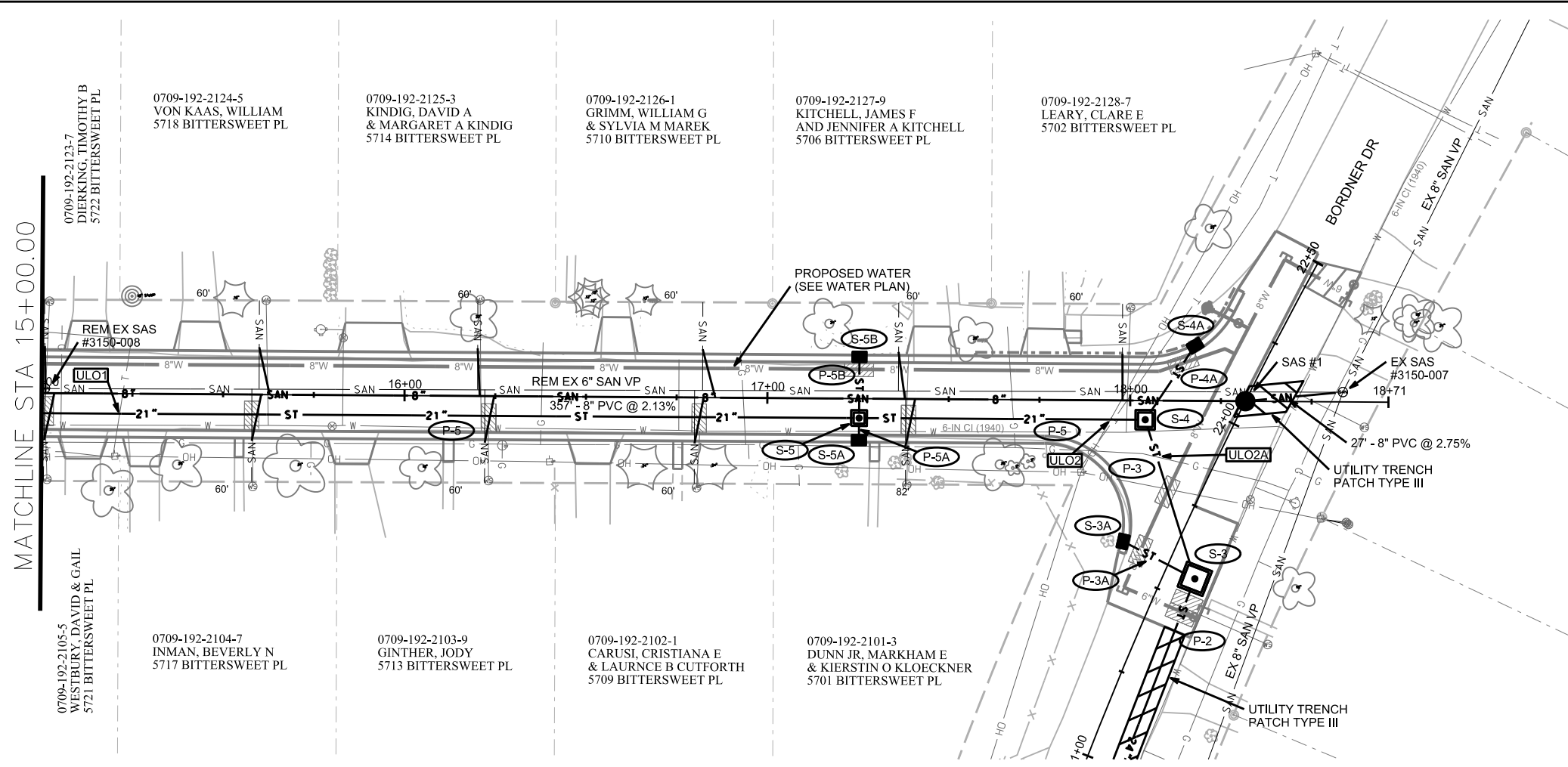
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

NOTE: LATERAL LOCATION BASED UPON
CCTV (MAIN) AND CITY RECORDS
(PROPERTY LINE).



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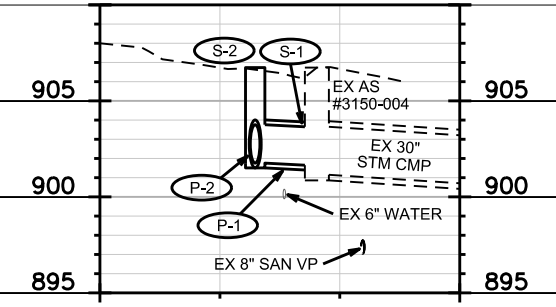
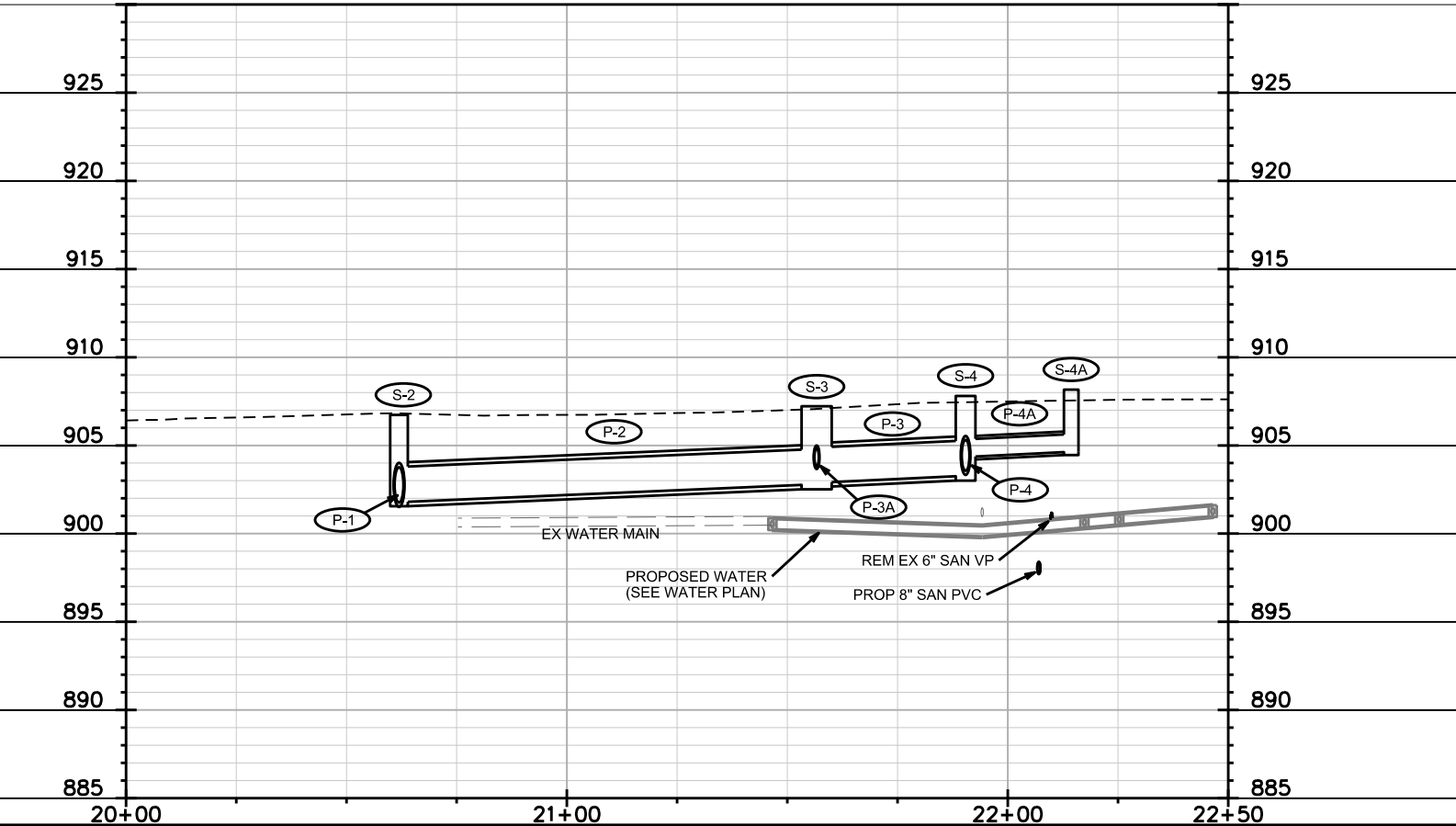
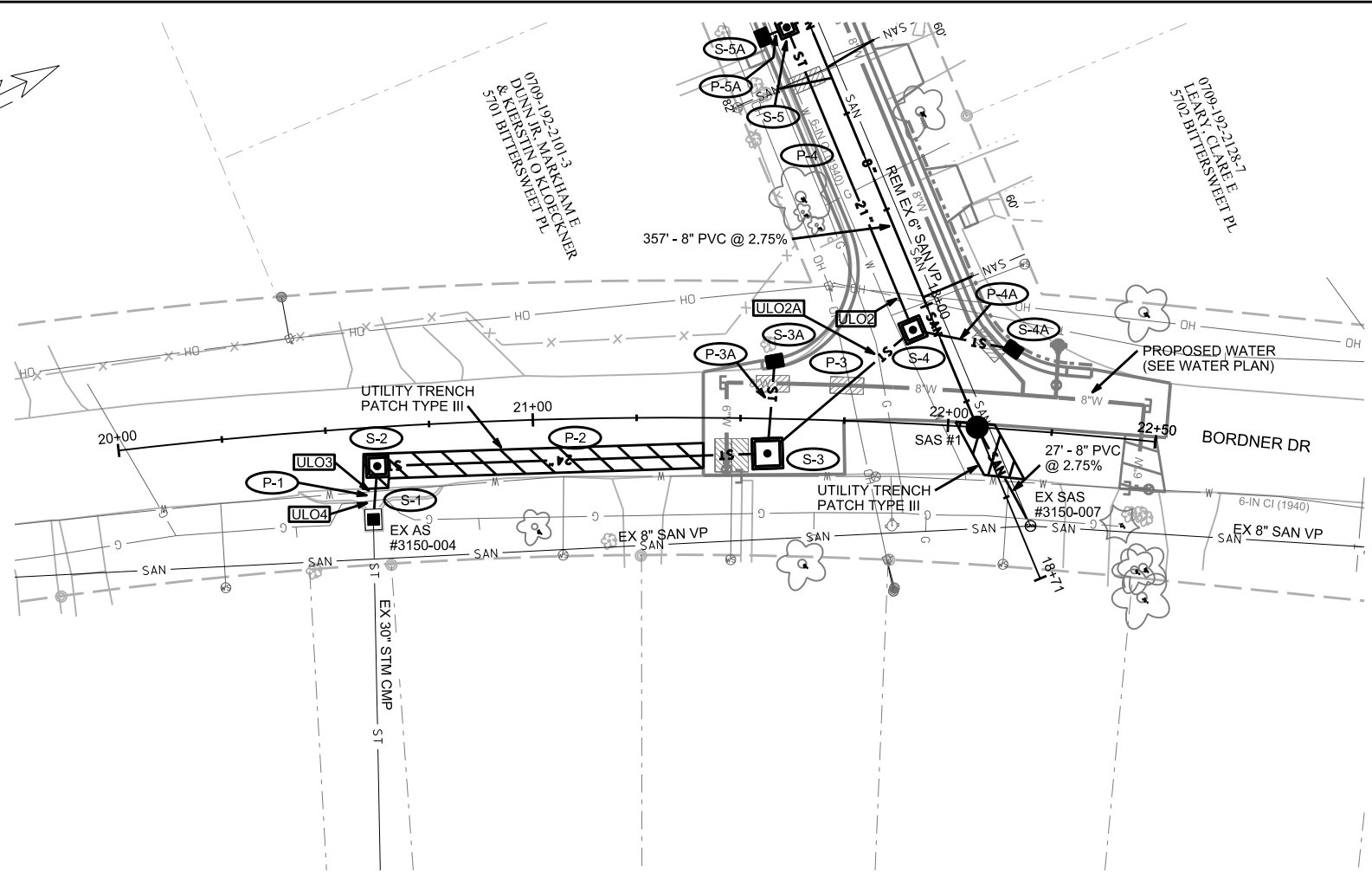
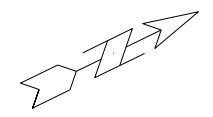


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SANITARY SEWER SCHEDULE

BITTERSWEET PLACE ASSESSMENT DISTRICT - 2014	SHEET NO. U-4
PROJECT NO. 53W1775 SANITARY SEWER SCHEDULE CITY OF MADISON	

PROPOSED SANITARY STRUCTURES

SAS NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH	NOTES
BITTERSWEET PL						
SAS#1	18+31.75	CL	907.55	897.67	9.88	-
SAS#2	14+75.00	CL	915.43	905.33	10.10	-
SAS#3	11+10.00	CL	926.15	917.15	9.00	-

PROPOSED SANITARY PIPES

FROM (DNSTM)	TO (UPSTM)	DWNSTRM E.I.	UPSTRM E.I.	PLAN (PAY) LGTH (FT)	SLOPE (%)	PIPE SIZE	PVC TYPE	NOTES
BITTERSWEET PL								
EX SAS 3150-007	SAS#1	896.93	897.67	27	2.74%	8"	SDR-35	-
SAS #1	SAS #2	897.72	905.33	357	2.13%	8"	SDR-35	-
SAS #2	SAS #3	905.43	917.15	365	3.21%	8"	SDR-35	-

SANITARY STRUCTURE REMOVALS

STRUCTURE ID NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH	NOTES
BITTERSWEET PL						
3150-008	15+00.95	LT-1.40	914.16	907.51	6.65	-
3150-009	13+22.70	LT-0.55	919.45	912.80	6.65	-
3150-010	11+01.40	LT-1.10	925.88	919.55	6.33	-

SANITARY PIPE REMOVALS

REMOVE FROM	REMOVE TO	LGTH (FT)	PIPE TYPE	PIPE SIZE	PAID (Y/N)	NOTES
BITTERSWEET PL						
EX SAS 3150-007	EX SAS 3150-008	358	VP	6"	N	-
EX SAS 3150-008	EX SAS 3150-009	178	VP	6"	N	-
EX SAS 3150-009	EX SAS 3150-010	221	VP	6"	N	-

SPECIFIC NOTES

STORM SEWER SCHEDULE

PROPOSED STORM STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
BORDNER DR							
S-1	20+60.50	RT-19.65	TAP	DNA	901.65	DNA	-
S-2	20+61.92	RT-9.38	4X4 SAS	906.73	901.76	4.97	W/R-1550-0054
S-3	21+56.64	RT-8.39	6X6 CATCHBASIN	907.22	902.83	4.39	(1), FP, W/TWIN R-1550-0054
S-3A	21+57.96	LT-13.85	H INLET	907.91	904.20	3.71	W/R-3067-7009-V
BITTERSWEET PL							
S-4	18+04.18	RT-5.30	4X4 SAS	907.81	903.31	4.50	FP, W/R-1550-0054
S-4A	18+17.76	LT-15.22	H INLET	908.16	904.66	3.50	(3), FP, W/R-3067-7004-VB, LP, UD
S-5	17+25.30	RT-5.37	3X3 SAS	909.65	905.15	4.50	W/R-1550-0054
S-5A	17+25.30	RT-11.50	H INLET	909.61	905.95	3.66	W/R-3067-7009-V
S-5B	17+25.30	LT-11.50	H INLET	910.00	906.00	4.00	W/R-3067-7009-V
S-6	14+00.55	RT-5.65	3X3 SAS	917.70	912.57	5.13	W/R-1550-0054
S-6A	14+00.55	RT-11.50	H INLET	917.76	913.85	3.91	W/R-3067-7009-V
S-6B	14+00.55	LT-11.50	H INLET	917.91	913.97	3.94	W/R-3067-7009-V
S-7	11+39.57	RT-5.87	3X3 SAS	925.67	919.67	6.00	FP, W/R-1550-0054
S-8	10+91.77	LT-33.51	3X3 SAS	928.81	921.28	7.53	(2), FP, W/R-1689-0054

STORM SEWER ULOs

ULO NO.	STATION	LOCATION (OFFSET)	TYPE	NOTES
BITTERSWEET PL				
ULO1	15+21.52	RT-5.55	TELEPHONE	-
ULO2	17+95.53	RT-5.31	TELEPHONE	-
ULO2A	18+07.44	RT-15.54	GAS	-
BORDNER DR				
ULO3	20+61.09	RT-15.40	WATER	-
ULO4	20+60.78	RT-17.60	GAS	-

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
BORDNER DR										
P-1	S-1	S-2	901.65	901.76	13	8.5	1.29%	24"	RCP	-
P-2	S-2	S-3	901.76	902.83	94	89	1.20%	24"	RCP	-
P-3A	S-3	S-3A	903.83	904.20	22.5	18.5	2.00%	12"	RCP	-
BITTERSWEET PL										
P-3	S-3	S-4	902.83	903.31	46	40	1.20%	24"	RCP	-
P-4	S-4	S-5	903.56	905.15	79	75.5	2.11%	21"	RCP	-
P-4A	S-4	S-4A	904.31	904.66	25	20.5	1.71%	12"	RCP	-
P-5	S-5	S-6	905.15	912.57	325	322	2.30%	21"	RCP	-
P-5A	S-5	S-5A	905.90	905.95	6.5	4	1.25%	12"	RCP	-
P-5B	S-5	S-5B	905.90	906.00	17	14.5	0.69%	12"	RCP	-
P-6	S-6	S-7	912.57	919.67	261	258	2.75%	21"	RCP	-
P-6A	S-6	S-6A	913.82	913.85	6	3.5	0.86%	12"	RCP	-
P-6B	S-6	S-6B	913.82	913.97	17.5	15	1.00%	12"	RCP	-
P-7	S-7	S-8	919.67	921.28	62	58.5	2.75%	21"	RCP	-

REMOVE STORM PIPES

REMOVE NO.	REMOVE FROM	REMOVE TO	LGTH (FT)	PIPE SIZE	PIPE TYPE	PAID (Y/N)	NOTES
RP-1	FREE END	S-8	23	24"	CMP	N	-

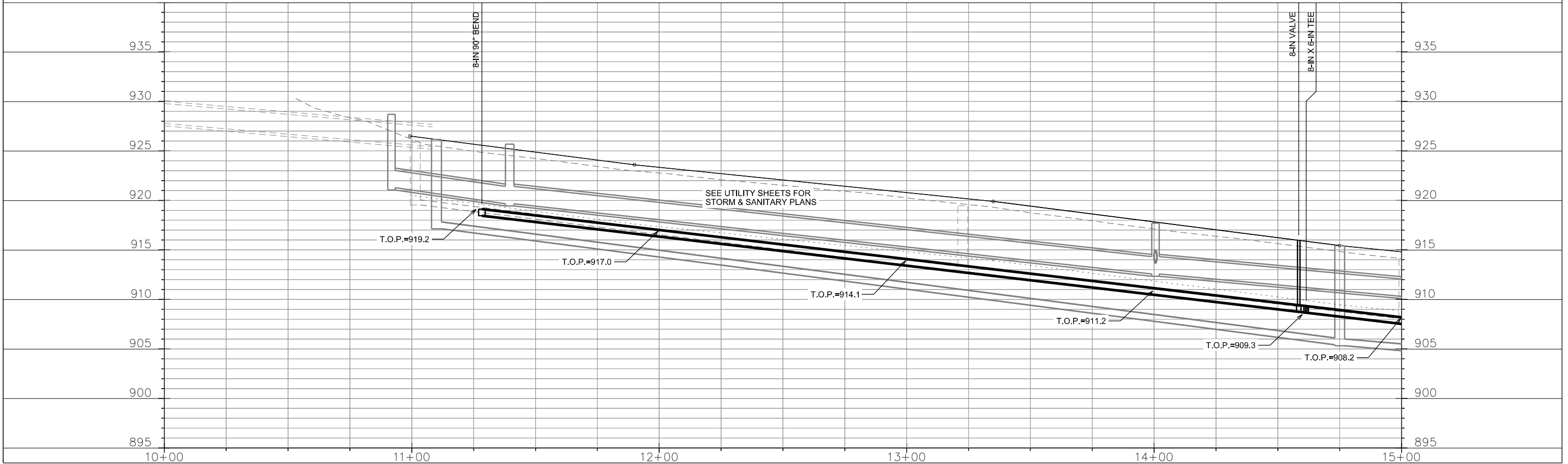
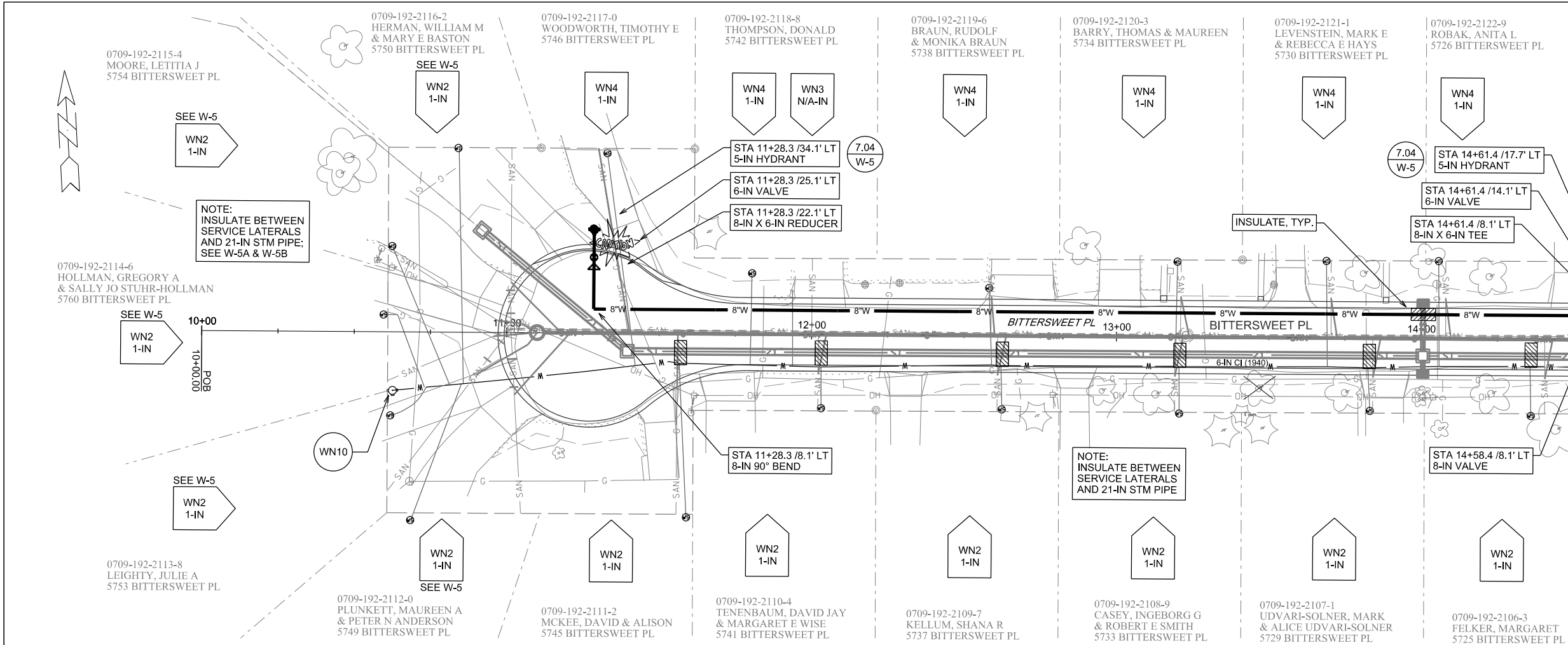
NOTE: PLAN LENGTH (PAY LENGTH) IS FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE. PIPE LENGTH IS ACTUAL LENGTH OF PIPE FROM STRUCTURE WALL TO STRUCTURE WALL. SLOPE CALCULATED USING PIPE LENGTH.

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
- 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.
- 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 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 KYLE FRANK OF CITY ENGINEERING AT (608) 266-4098 FOR PRECAST APPROVALS, FAX SHOP DRAWINGS TO (608)264-9275, OR EMAIL SHOP DRAWINGS TO KFRANK@CITYOFMADISON.COM.

SPECIFIC NOTES

- (1) W/ 3' SUMP BELOW LISTED E.I. PER S.D.D 5.7.4
- (2) TAP EXISTING 24" CMP @ 925.81
- (3) ADJUST CASTING CURB BOX TO MATCH PROPOSED 4" CURB HEAD

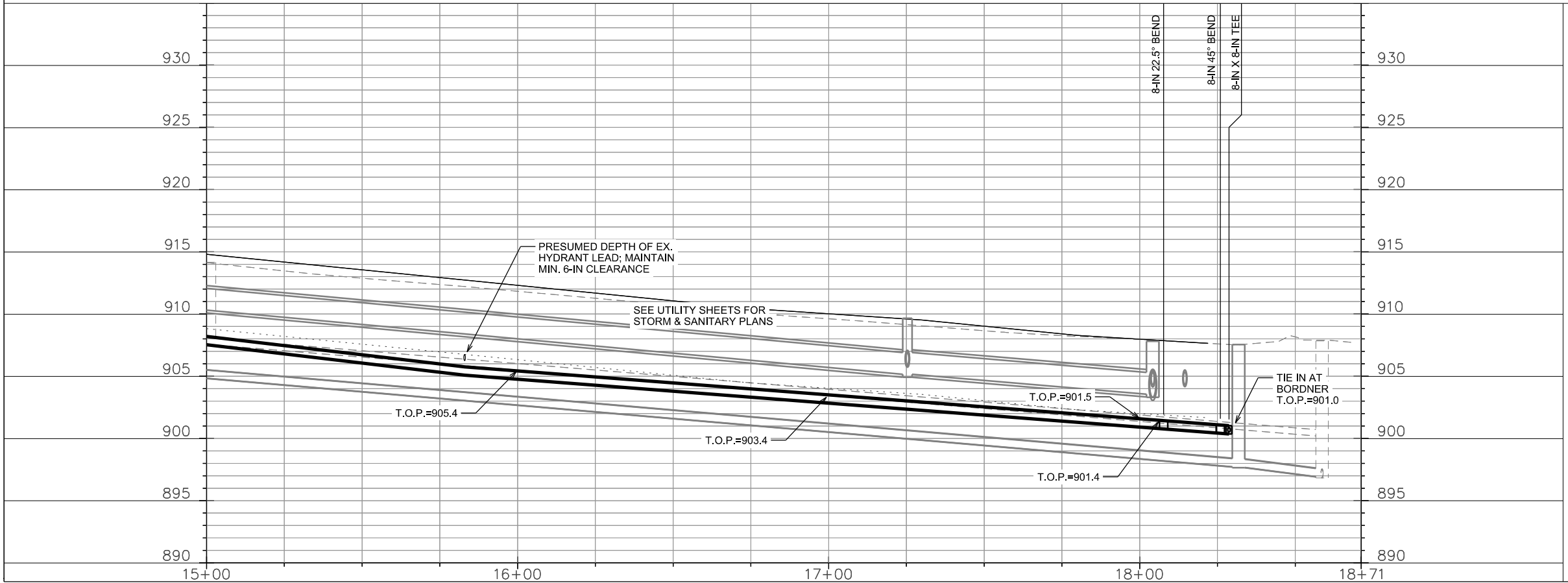
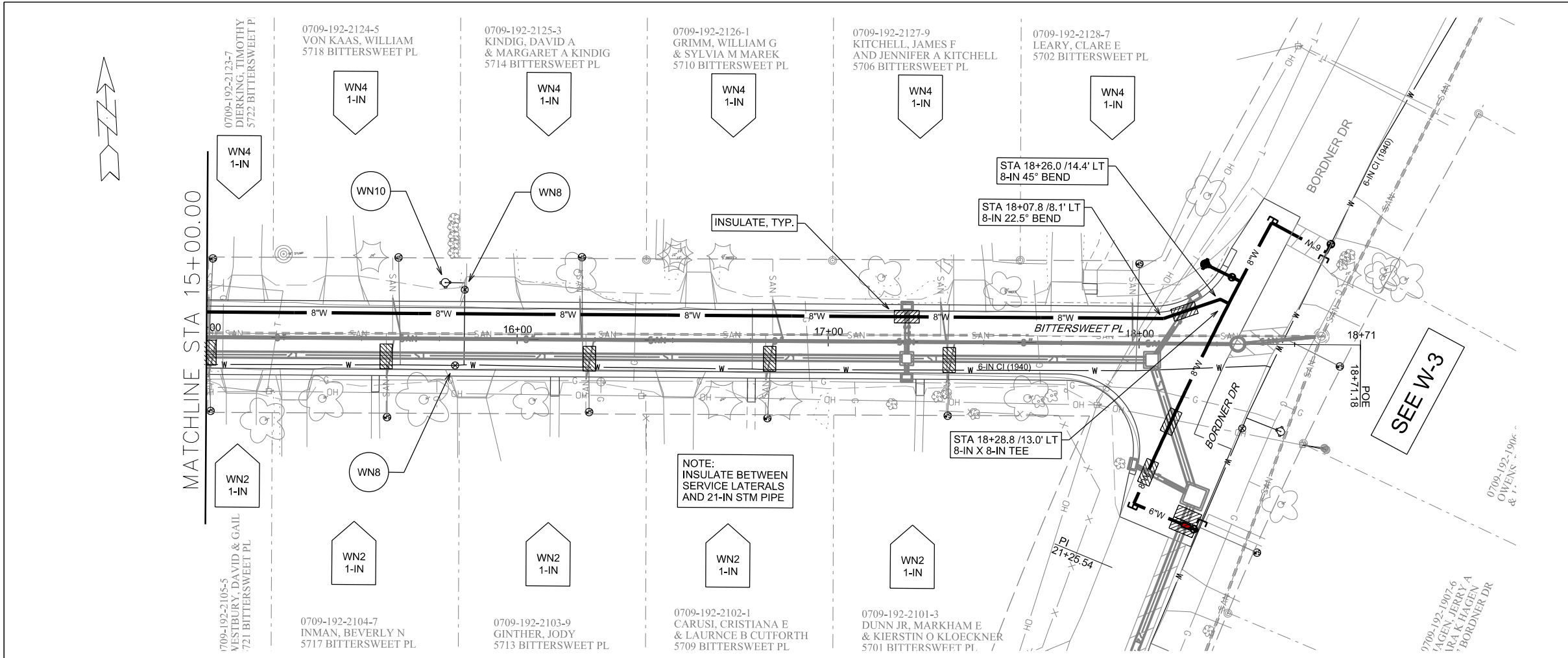


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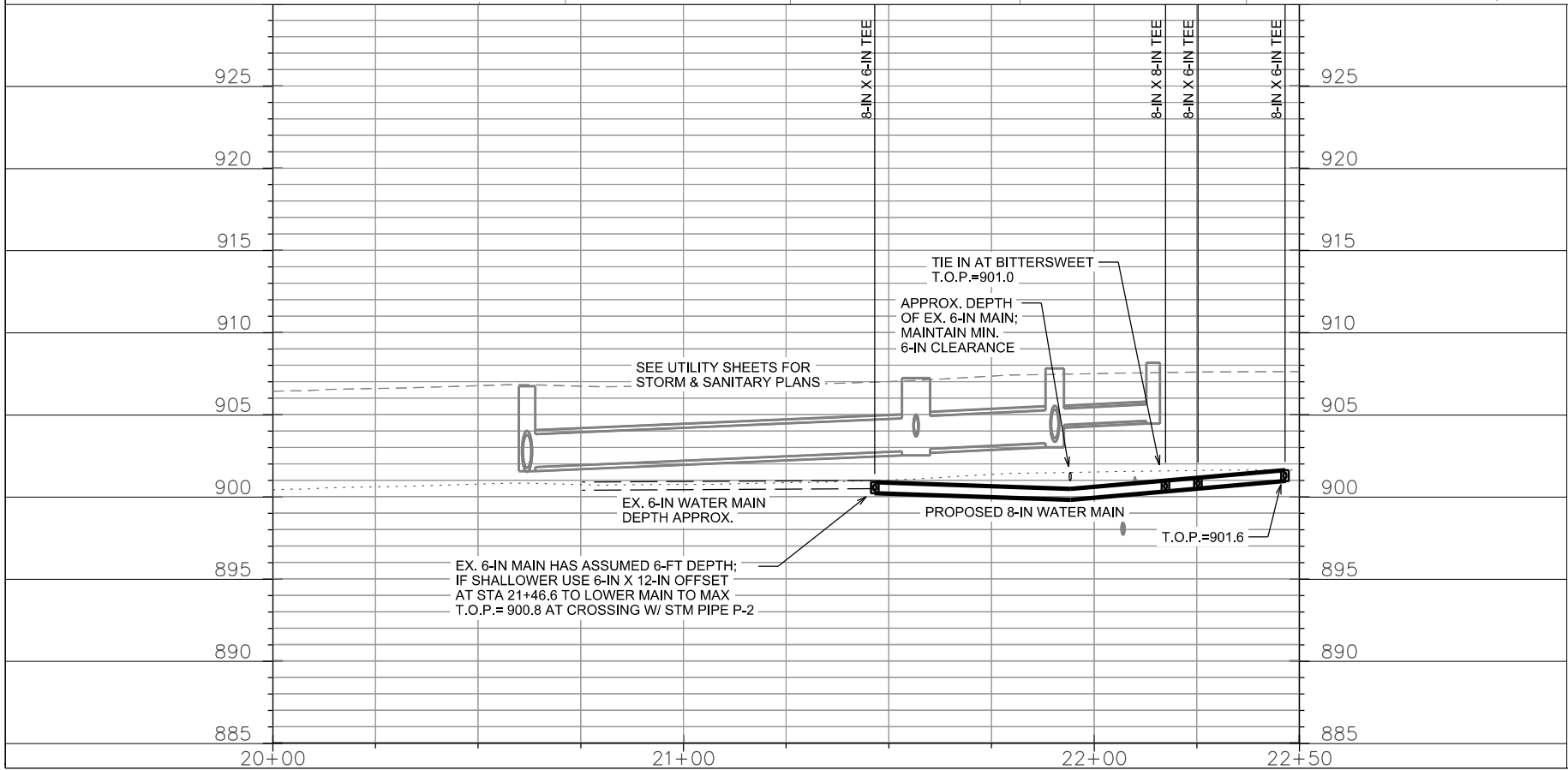
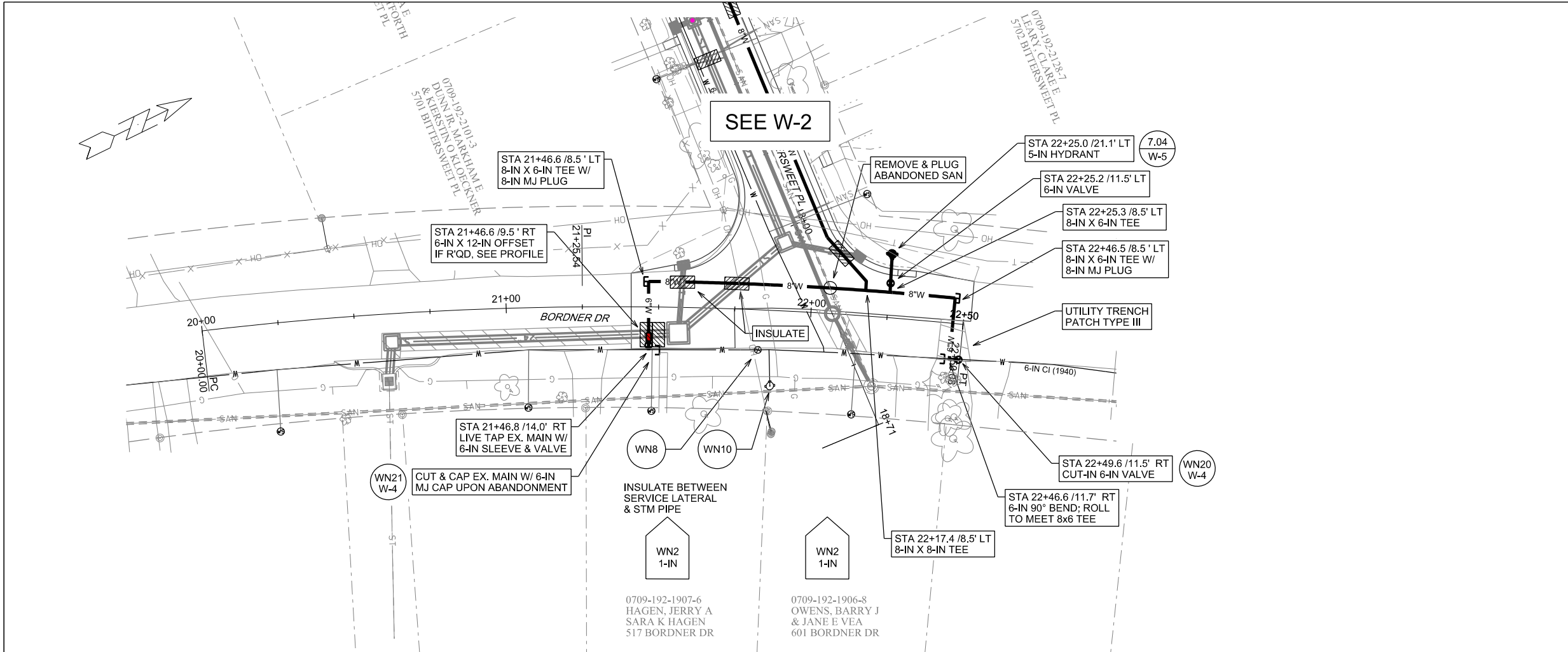


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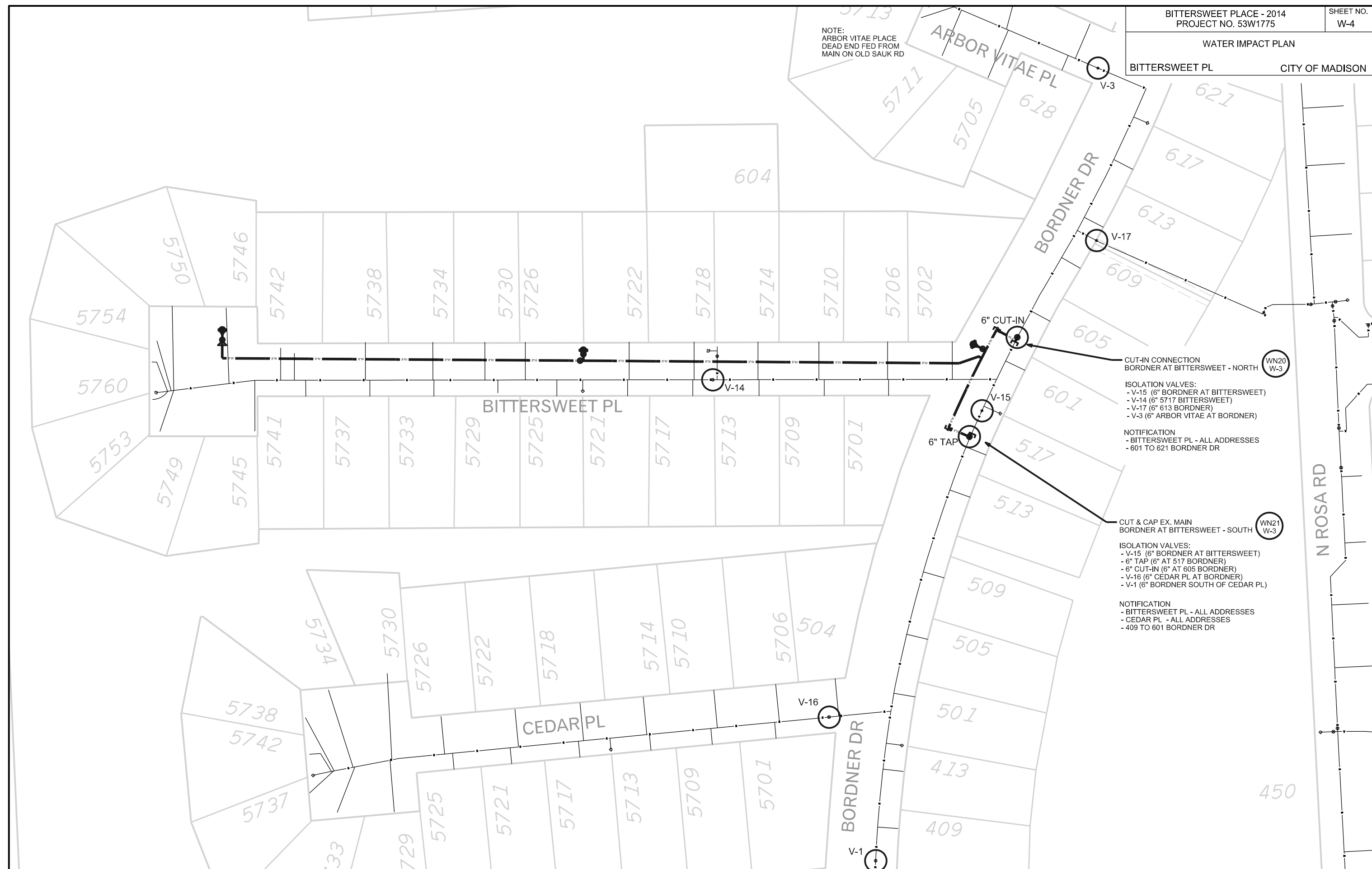
PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

NOTE:
ARBOR VITAE PLACE
DEAD END FED FROM
MAIN ON OLD SAUK RD



CUT-IN CONNECTION
BORDNER AT BITTERSWEET - NORTH

WN20
W-3

ISOLATION VALVES:
- V-15 (6" BORDNER AT BITTERSWEET)
- V-14 (6" 5717 BITTERSWEET)
- V-17 (6" 613 BORDNER)
- V-3 (6" ARBOR VITAE AT BORDNER)

NOTIFICATION
- BITTERSWEET PL - ALL ADDRESSES
- 601 TO 621 BORDNER DR

CUT & CAP EX. MAIN
BORDNER AT BITTERSWEET - SOUTH

WN21
W-3

ISOLATION VALVES:
- V-15 (6" BORDNER AT BITTERSWEET)
- 6" TAP (6" AT 517 BORDNER)
- 6" CUT-IN (6" AT 605 BORDNER)
- V-16 (6" CEDAR PL AT BORDNER)
- V-1 (6" BORDNER SOUTH OF CEDAR PL)

NOTIFICATION
- BITTERSWEET PL - ALL ADDRESSES
- CEDAR PL - ALL ADDRESSES
- 409 TO 601 BORDNER DR

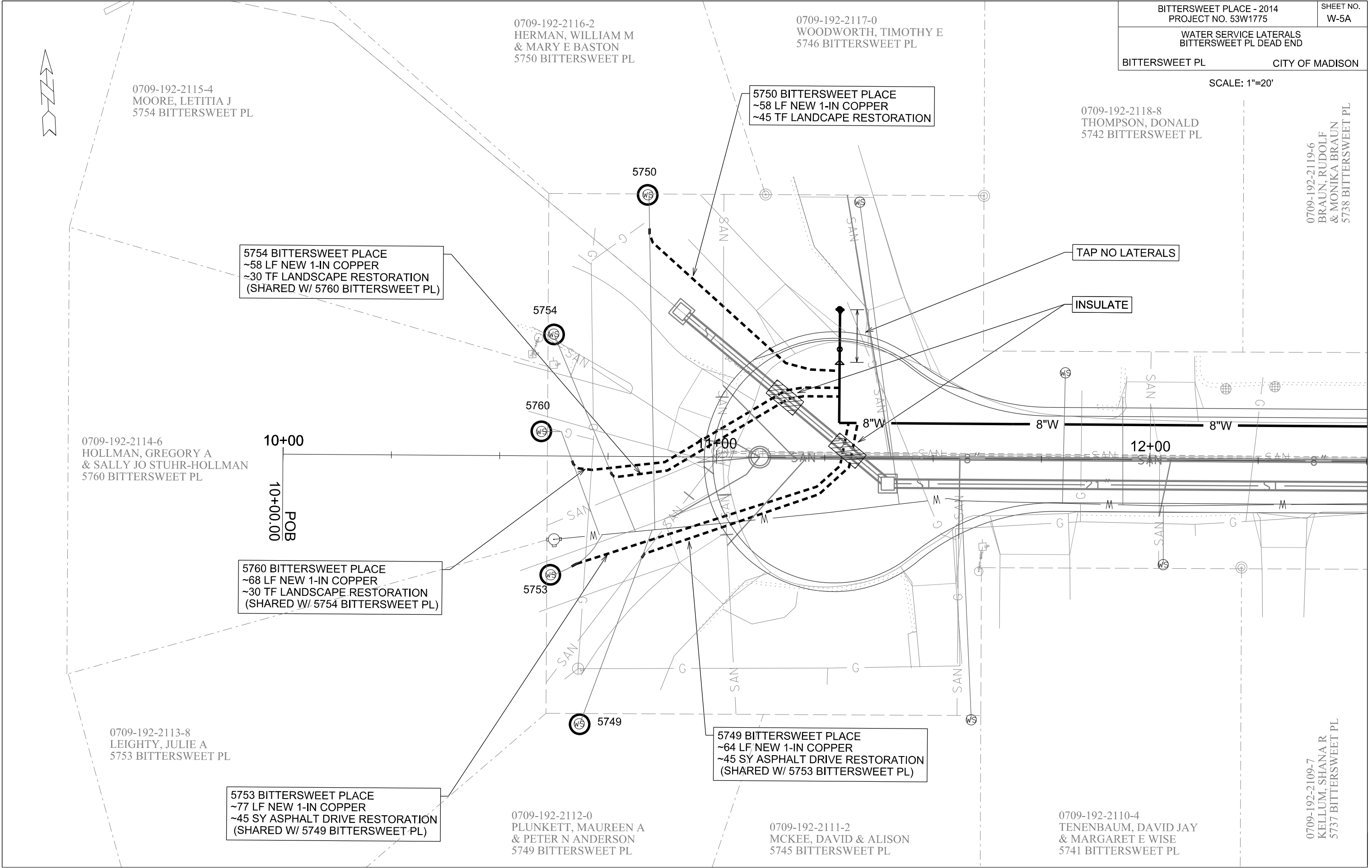
PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

SCALE: 1"=20'

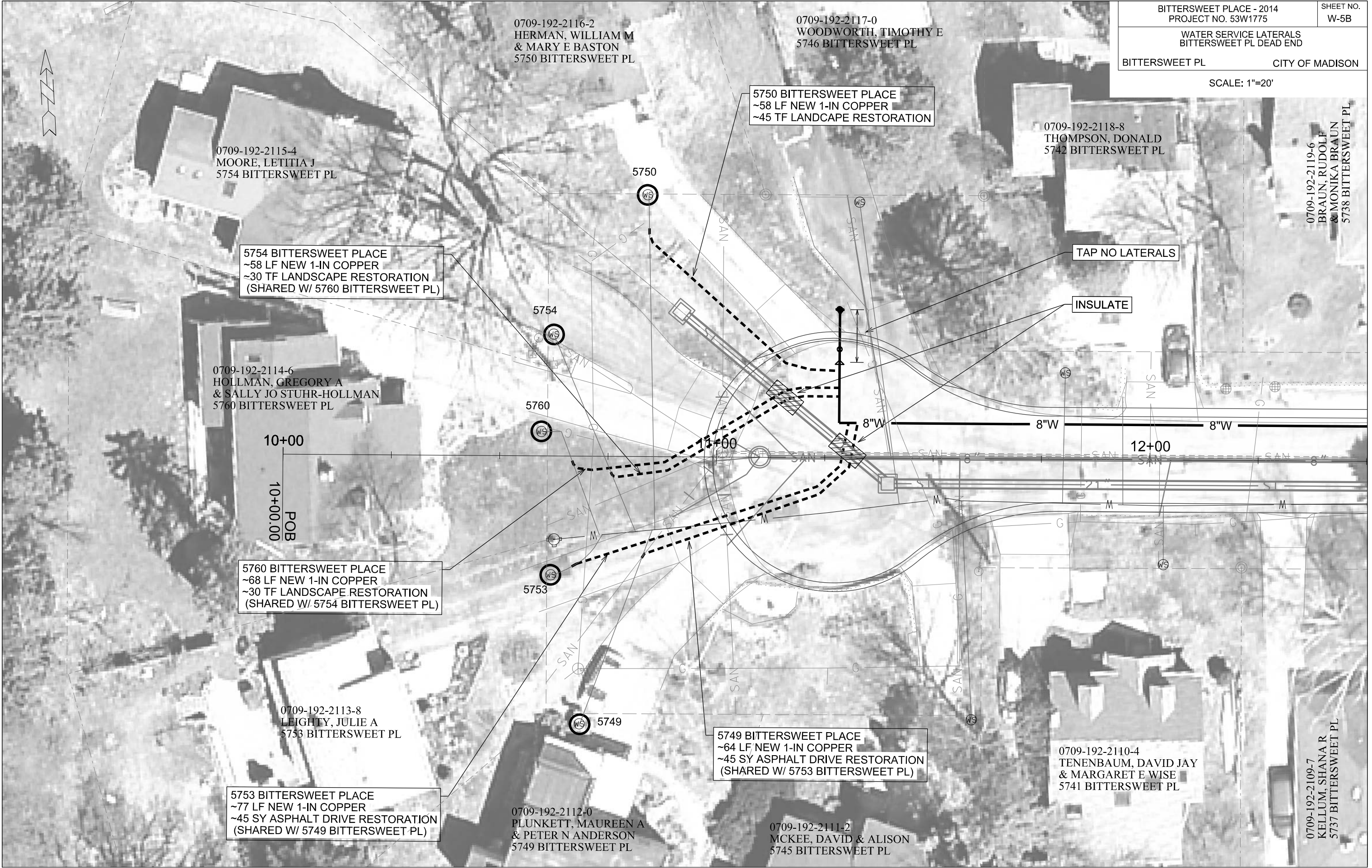


PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



0709-192-2116-2
HERMAN, WILLIAM M
& MARY E BASTON
5750 BITTERSWEET PL

0709-192-2117-0
WOODWORTH, TIMOTHY E
5746 BITTERSWEET PL

0709-192-2115-4
MOORE, LETITIA J
5754 BITTERSWEET PL

0709-192-2118-8
THOMPSON, DONALD
5742 BITTERSWEET PL

0709-192-2119-6
BRAUN, RUDOLF
& MONIKA BRAUN
5738 BITTERSWEET PL

5754 BITTERSWEET PLACE
~58 LF NEW 1-IN COPPER
~30 TF LANDSCAPE RESTORATION
(SHARED W/ 5760 BITTERSWEET PL)

TAP NO LATERALS

INSULATE

0709-192-2114-6
HOLLMAN, GREGORY A
& SALLY JO STUHR-HOLLMAN
5760 BITTERSWEET PL

10+00
10+00.00
POB

5760 BITTERSWEET PLACE
~68 LF NEW 1-IN COPPER
~30 TF LANDSCAPE RESTORATION
(SHARED W/ 5754 BITTERSWEET PL)

0709-192-2113-8
LEIGHTY, JULIE A
5753 BITTERSWEET PL

5749 BITTERSWEET PLACE
~64 LF NEW 1-IN COPPER
~45 SY ASPHALT DRIVE RESTORATION
(SHARED W/ 5753 BITTERSWEET PL)

0709-192-2110-4
TENENBAUM, DAVID JAY
& MARGARET E WISE
5741 BITTERSWEET PL

5753 BITTERSWEET PLACE
~77 LF NEW 1-IN COPPER
~45 SY ASPHALT DRIVE RESTORATION
(SHARED W/ 5749 BITTERSWEET PL)

0709-192-2112-0
PLUNKETT, MAUREEN A
& PETER N ANDERSON
5749 BITTERSWEET PL

0709-192-2111-2
MCKEE, DAVID & ALISON
5745 BITTERSWEET PL

0709-192-2109-7
KELLUM, SHANA R
5737 BITTERSWEET PL

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

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 DISTRUPTION OF SERVICE TO EXISTING CUSTOMERS. NOTIFY PER CONTRACT REQUIREMENTS OF ANY PLANNED WATER OUTAGE.
4. EXISTING WATER MAIN SHALL REMAIN IN SERVICE UNTIL NEW WATER MAIN IS TESTED AND ACCEPTED BY MADISON WATER UTILITY AND ALL SERVICES ARE RECONNECTED.
5. THE EXISTING UTILITIES SHOWN ON THIS PLAN REPRESENT THE BEST INFORMATION AVAILABLE TO THE WATER UTILITY AT THE TIME OF PLAN PREPARATION. CONTRACTOR IS RESPONSIBLE FOR HAVING EACH UTILITY LOCATED PRIOR TO COMMENCING WORK.

- WN1 REPLACE THE EXISTING LEAD SERVICE WITH A NEW COPPER SERVICE.
- WN2 EXTEND AND RECONNECT THE EXISTING COPPER SERVICE TO THE NEW WATER MAIN.
- WN3 EXISTING SERVICE TO BE ABANDONED WHEN THE WATER MAIN IS CUT OFF.
- WN4 DISCONNECT FROM THE OLD WATER MAIN AND RECONNECT THE EXISTING COPPER WATER SERVICE LATERAL TO THE NEW WATER MAIN.
- WN5 RELOCATE THE EXISTING FIRE HYDRANT.
- WN6 ABANDON WATER VALVE ACCESS STRUCTURE.
- WN7 FURNISH AND INSTALL THE NEW TOP SECTION FOR THE WATER ACCESS STRUCTURE.
- WN8 ABANDON THE VALVE BOX.
- WN9 FURNISH THE DITCH, COMPACTION, AND ALL MATERIALS AND LABOR FOR THE INSTALLATION OF NEW SERVICE LATERAL.
- WN10 REMOVE AND SALVAGE EXISTING HYDRANT
- WN11 REPLACE THE EXISTING COPPER SERVICE WITH A COPPER SERVICE
- WN20+ SEE WATER IMPACT PLAN FOR CONNECTION POINT ISOLATION AND WATER SHUT-OFF NOTFICATION INFORMATION.

ESTIMATE OF MATERIALS SUPPLIED BY CONTRACTOR:

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

85-FT - 6-IN PIPE	1 - 6-IN 90° BEND
825-FT - 8-IN PIPE	1 - 8-IN 90° BEND
1090-FT - POLYWRAP	1 - 8-IN 45° BEND
4 - 6-IN VALVE & BOX	1 - 8-IN 22.5° BEND
1 - 8-IN VALVE & BOX	2 - 8-IN MJ PLUG
4 - 8-IN X 6-IN TEE	2 - 6-IN MJ CAP
1 - 8-IN X 8-IN TEE	3 - 5-IN HYDRANT
1 - 6-IN X 12-IN OFFSET	168-FT - 2-IN STYROFOAM INSULATION
1 - 8-IN X 6-IN REDUCER	1-IN COPPER (AS R'QD)

MATERIALS SUPPLIED BY CITY:

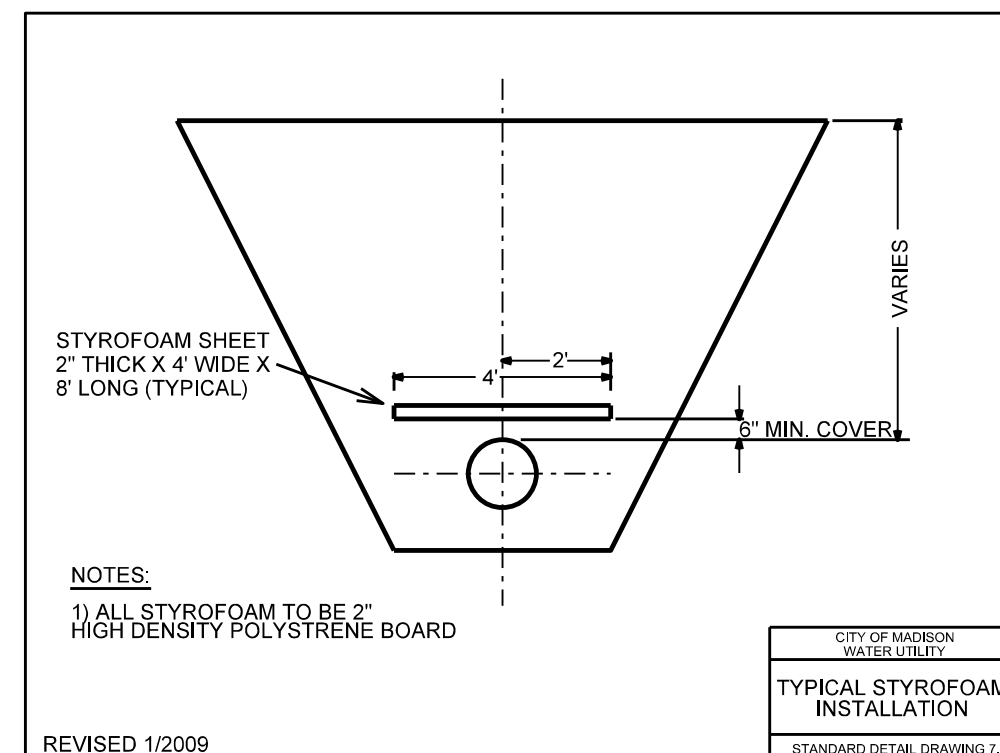
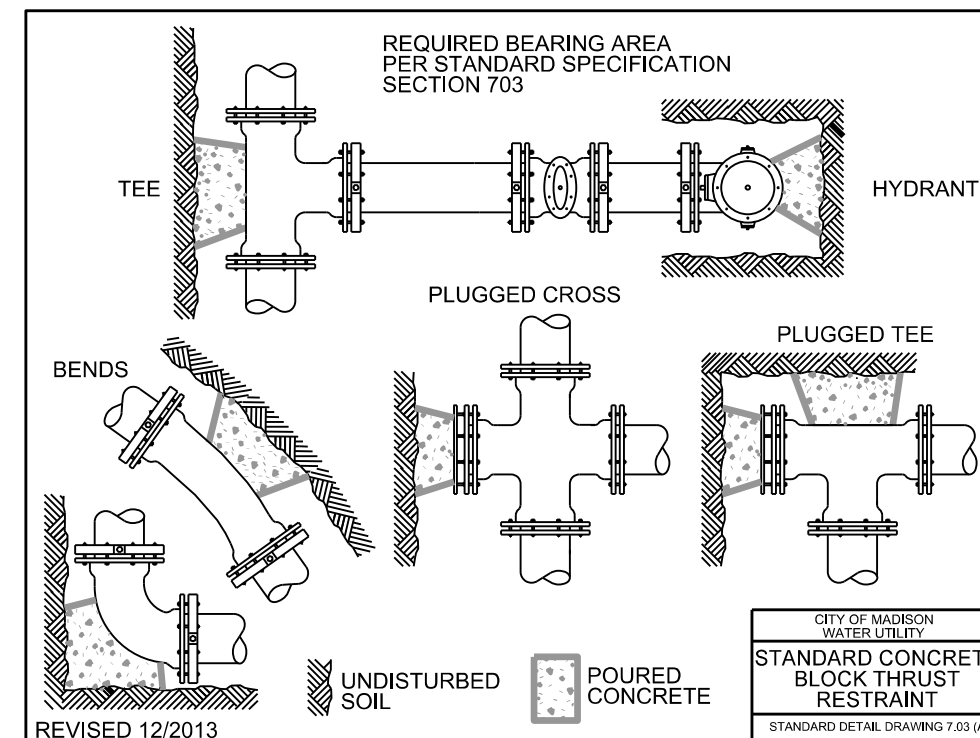
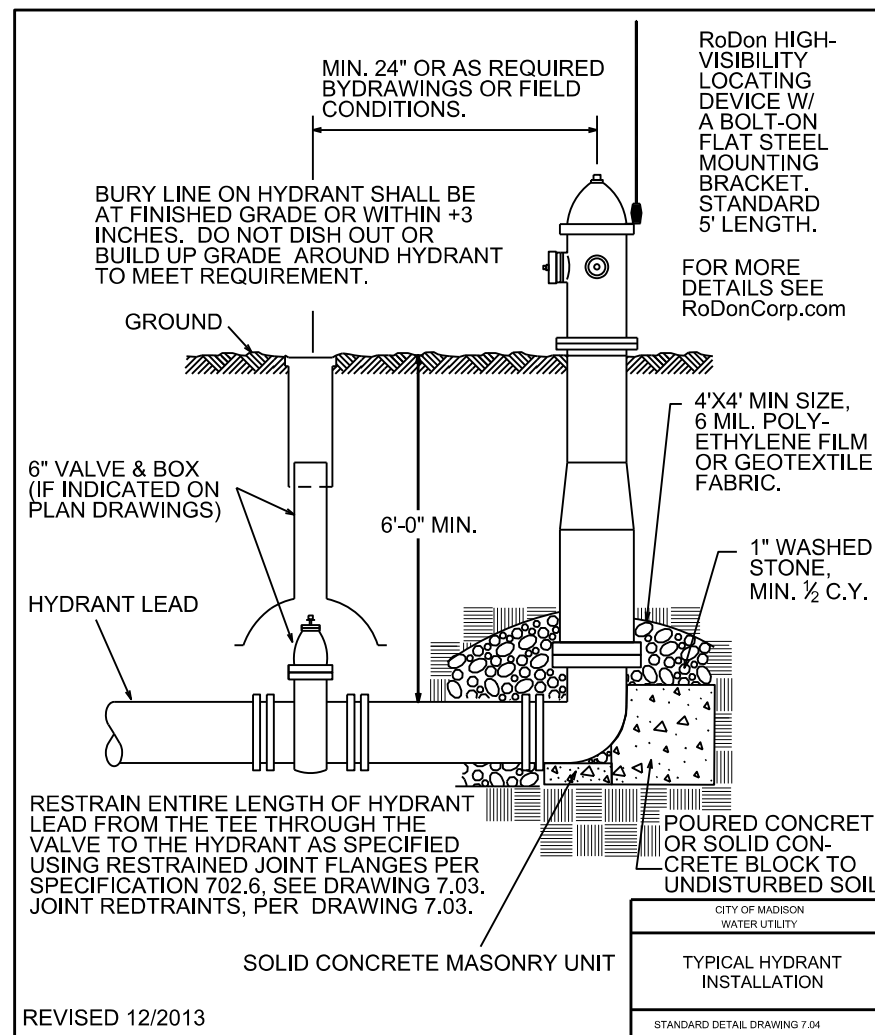
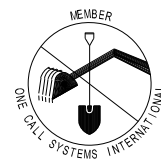
- 1 - 6-IN X 6-IN TAPPING SLEEVE & VALVE

REUSED MATERIALS

NONE

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.



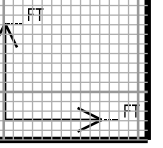
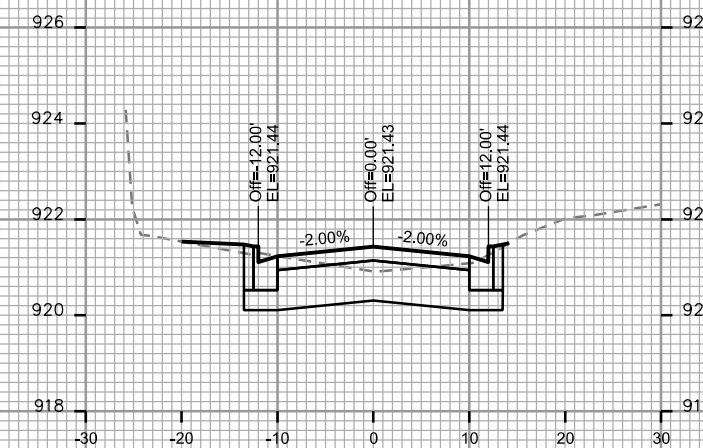
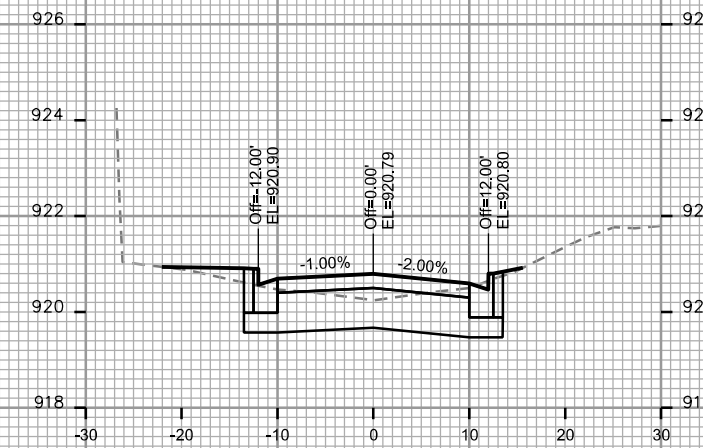
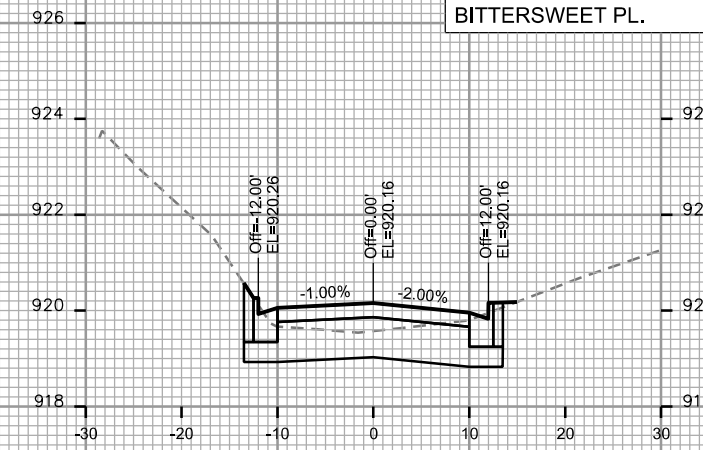
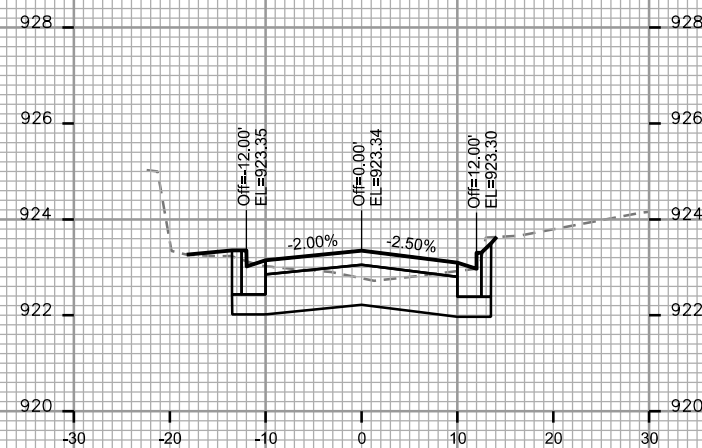
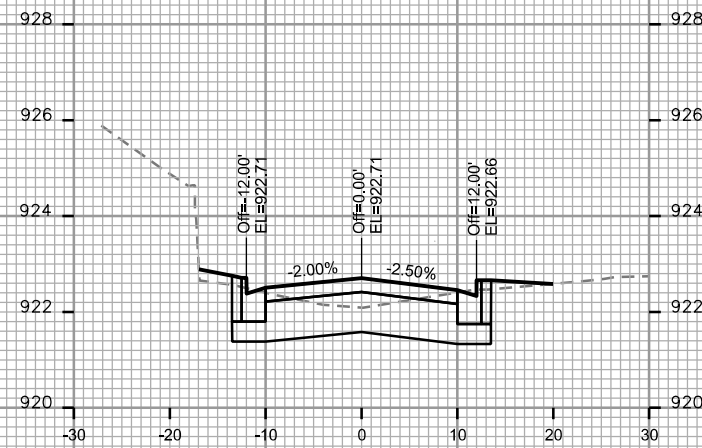
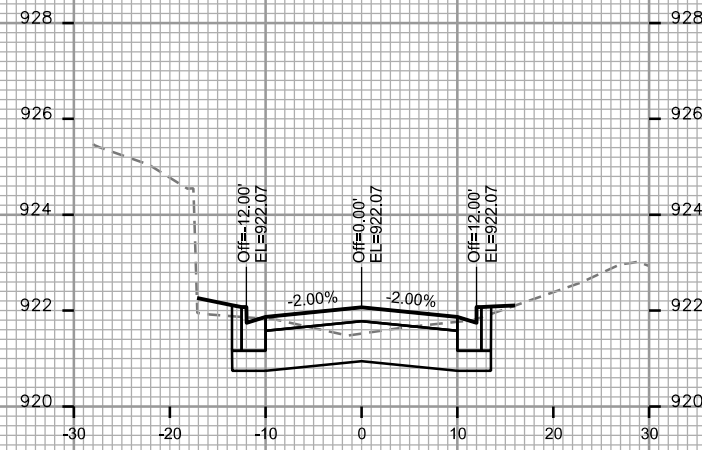
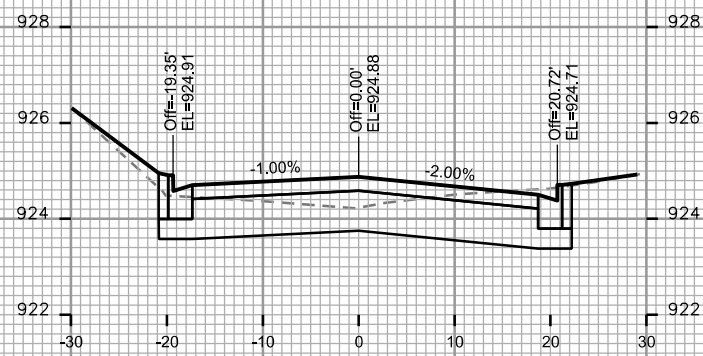
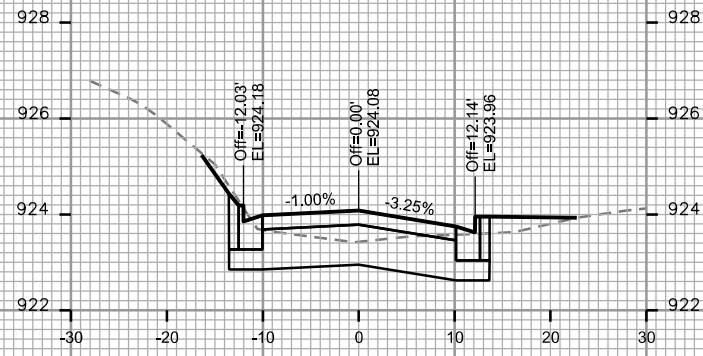
CROSS SECTIONS
BITTERSWEET PL. CITY OF MADISON

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON - STREETS DIVISION



CROSS SECTIONS

BITTERSWEET PL.

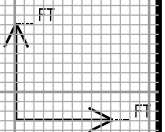
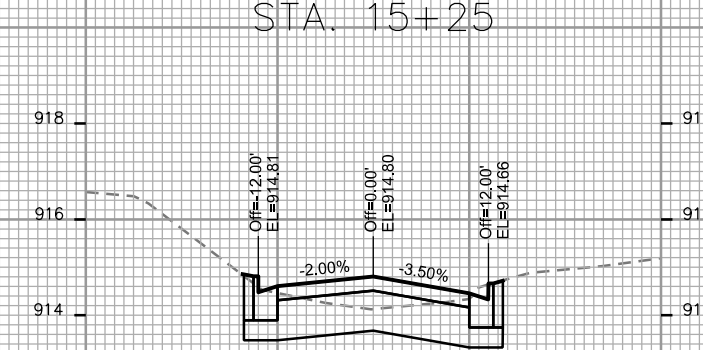
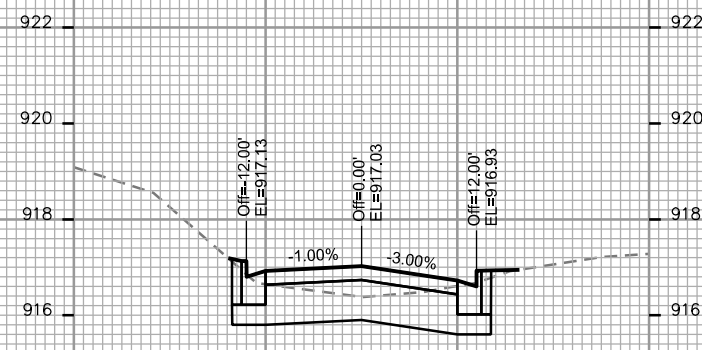
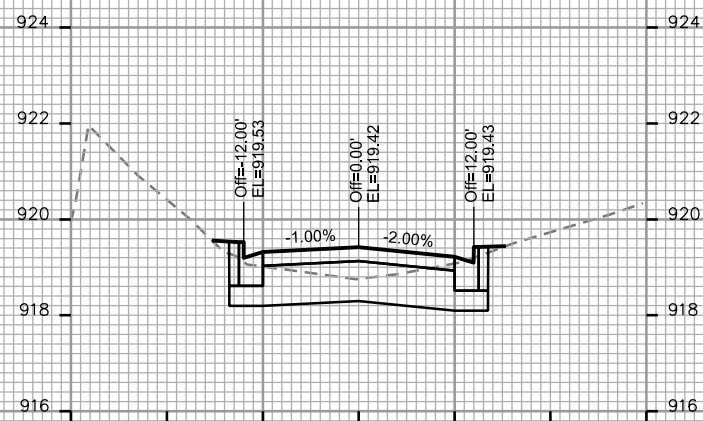
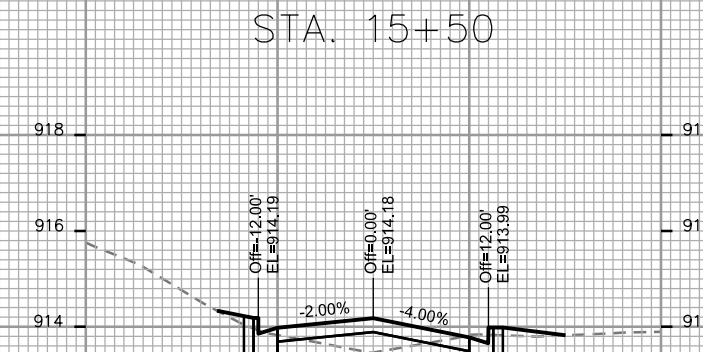
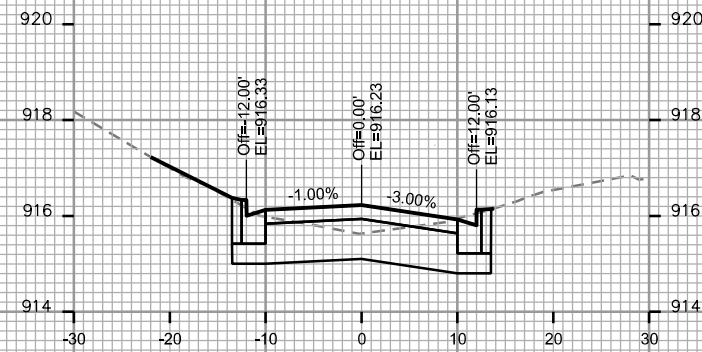
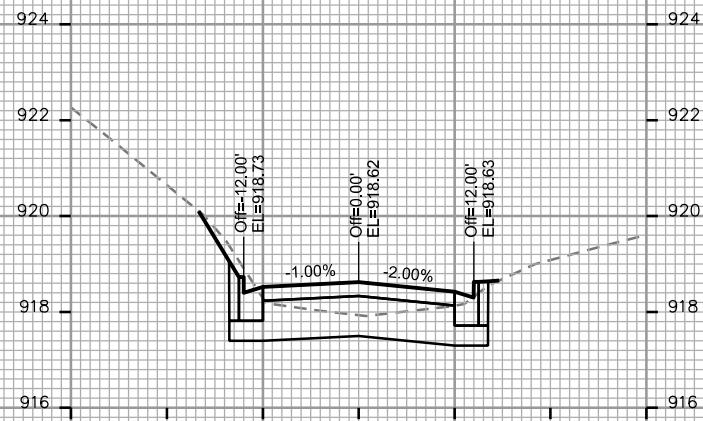
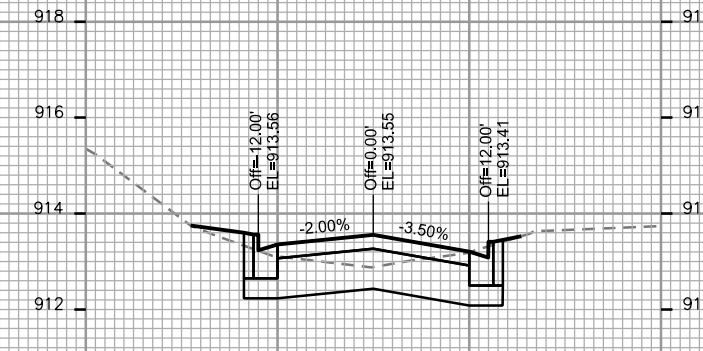
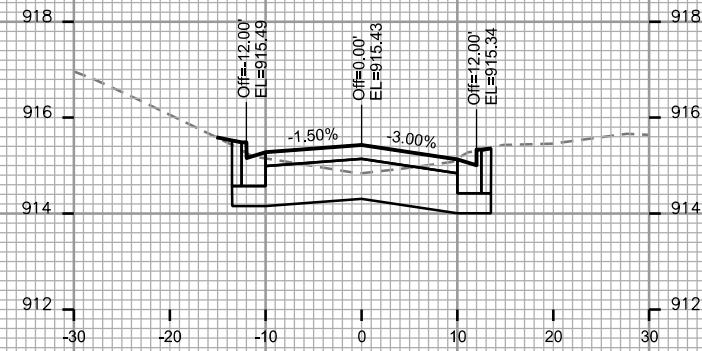
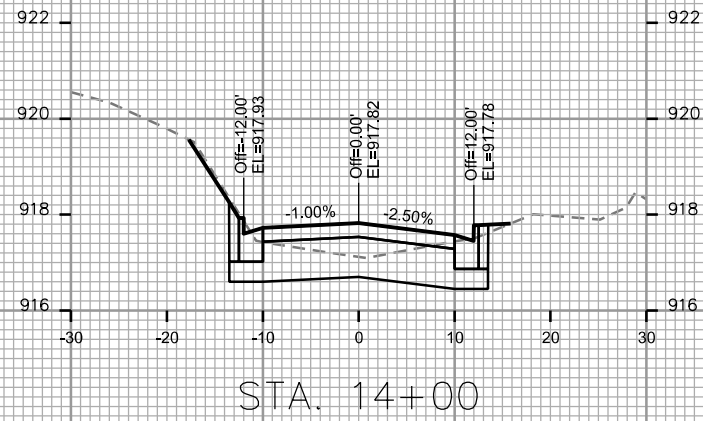
CITY OF MADISON

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CROSS SECTIONS

BITTERSWEET PL.

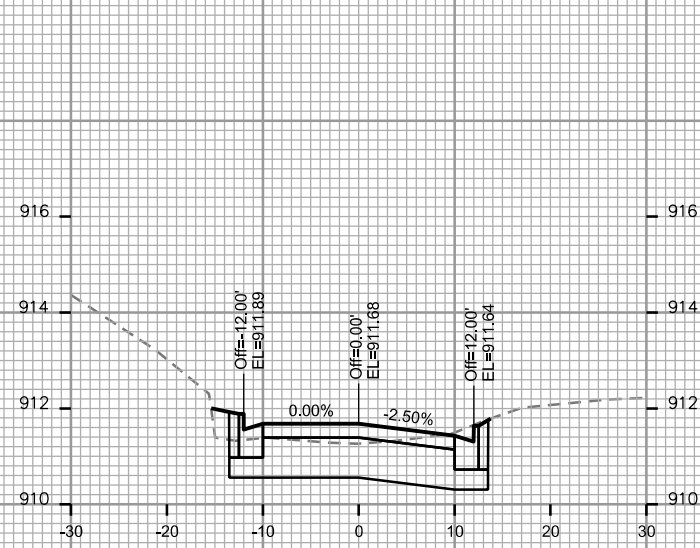
CITY OF MADISON

PLOT SCALE: _____

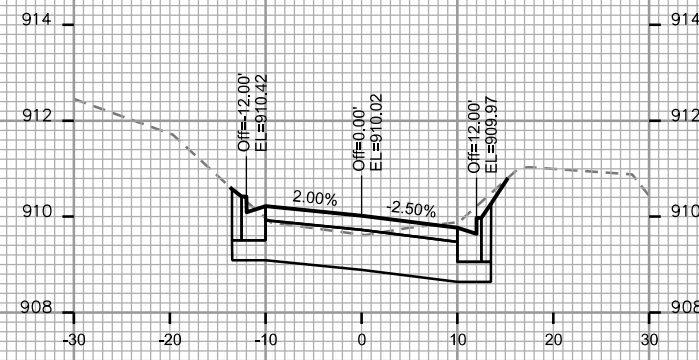
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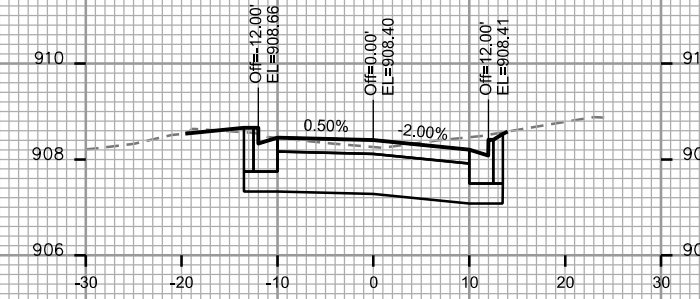
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



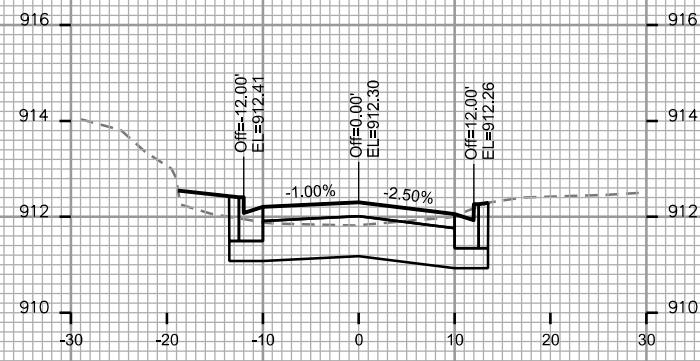
STA. 16+25



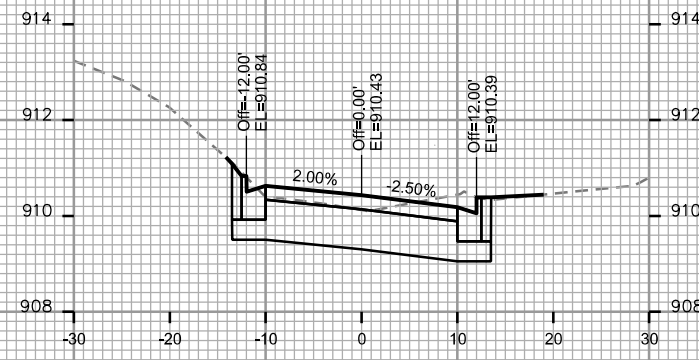
STA. 17+00



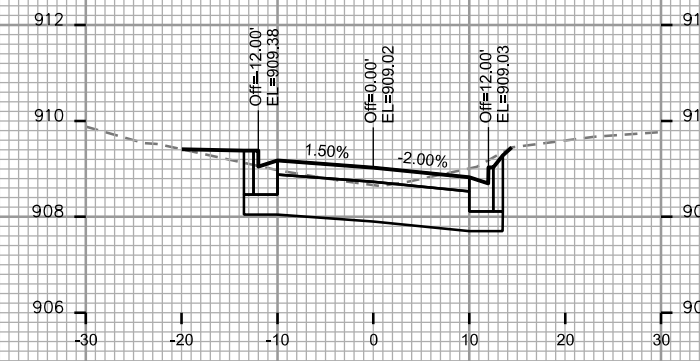
STA. 17+75



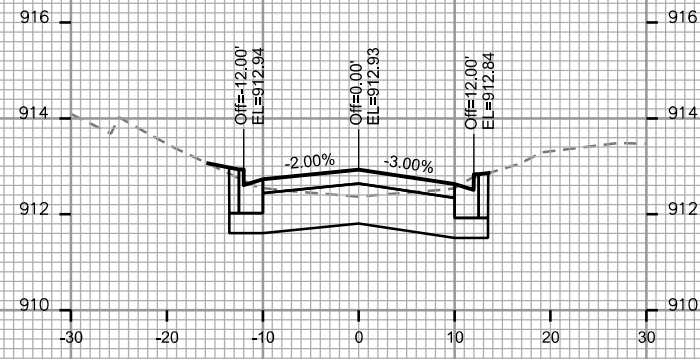
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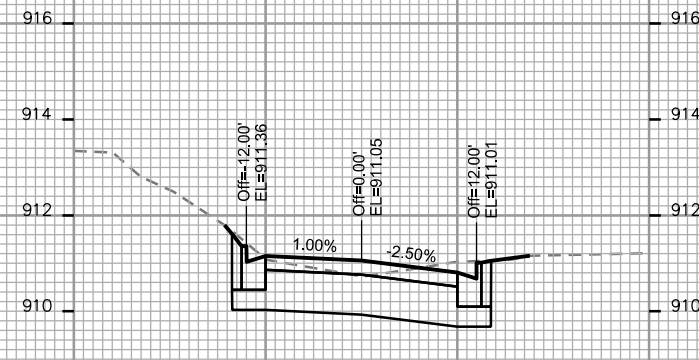
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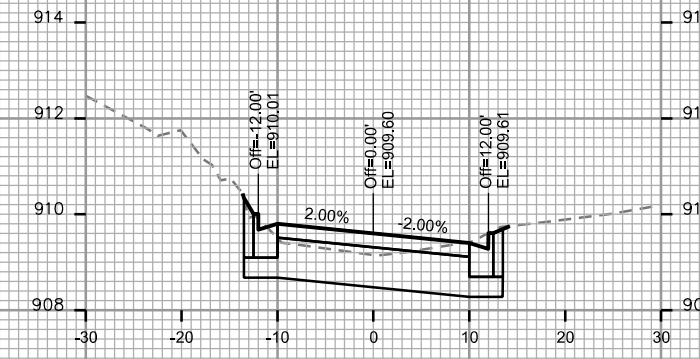
STA. 17+50



STA. 15+75



STA. 16+50



STA. 17+25

