

Madison, Wisconsin

CITY OF MADISON

CITY ENGINEERING DIVISION
DEPARTMENT OF PUBLIC WORKS

PLAN OF PROPOSED IMPROVEMENT

BURNING WOOD WAY, COMANCHE WAY,
MENOMONIE COURT, BURNING WOOD COURT
AND FOURTH STREET UTILITY REPLACEMENT
WITH RESURFACING 2015 ASSESSMENT DISTRICT

CITY PROJECT NO. 53W1930(MUNIS #10725)
CONTRACT NO. 7490

INDEX OF SHEETS

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1	
D-1	DETAILS - FOURTH STREET TYPICAL SECTION
P1-P6	PLAN & PROFILE - COMANCHE
P7-P14	PLAN & PROFILE - BURNING WOOD/MENOMONIE
P15	PLAN & PROFILE - FOURTH
U1-U2	SEWER PLAN & PROFILE - COMANCHE
U3	SEWER SCHEDULES - COMANCHE
U4-U7	SEWER PLAN & PROFILE - BURNING WOOD/MENOMONIE
U8	SEWER SCHEDULES - BURNING WOOD/MENOMONIE
U9	SEWER PLAN & PROFILE - FOURTH
U10	SEWER SCHEDULES - FOURTH
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W7-W14	WATER PLAN & PROFILE - BURNING WOOD/MENOMONIE
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W23	WATER ESTIMATE OF MATERIALS
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X1-X3	FOURTH STREET CROSS SECTIONS

PUBLIC IMPROVEMENT PROJECT APPROVED
March 31, 2015
BY THE COMMON COUNCIL OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN APPROVED BY:
[Signature] 4/23/15
City Engineer Date

STREET DESIGNED BY:
[Signature]
STEVEN M. SONNTAG
E-38891
MADISON WI
4/22/2015
PROFESSIONAL ENGINEER

SANITARY SEWERS DESIGNED BY:
[Signature]
ERIC L. DUNDEE
E-40126
SUN PRAIRIE WI
04-23-2015
PROFESSIONAL ENGINEER

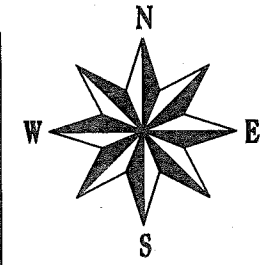
WATER DESIGNED BY:
[Signature]
KELLY B. MIESS
E-41821
MADISON WI
4-23-15
PROFESSIONAL ENGINEER

STORM SEWERS DESIGNED BY:
[Signature]
ERIC L. DUNDEE
E-40126
SUN PRAIRIE WI
04-23-2015
PROFESSIONAL ENGINEER

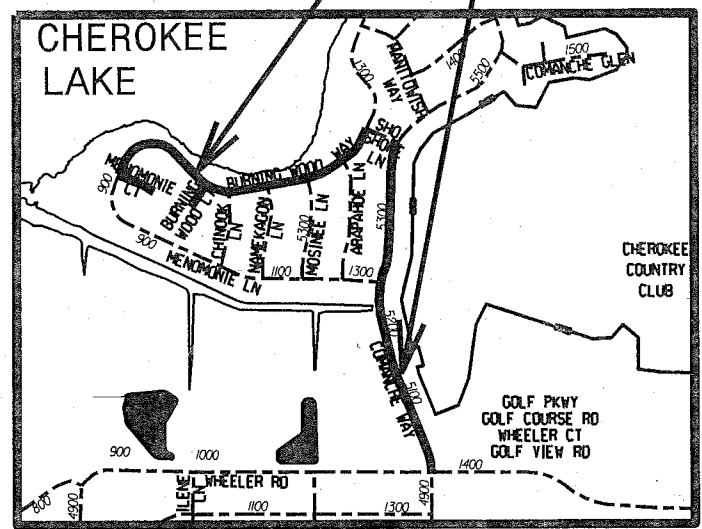
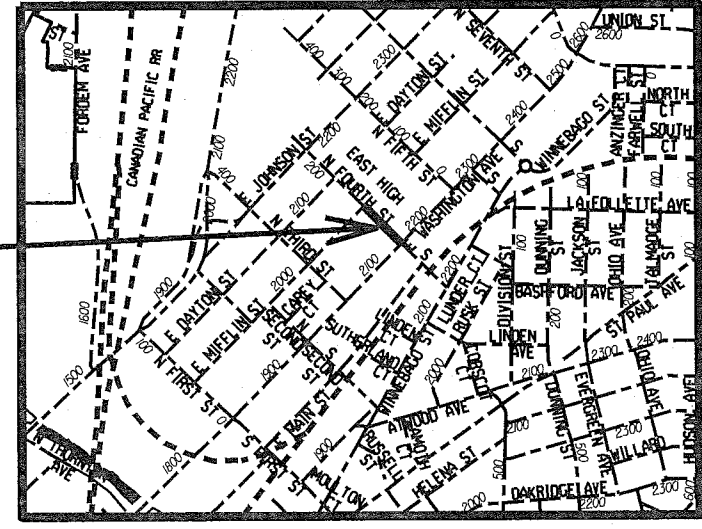
PLOT SCALE:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



CONSTRUCTION PROJECT LOCATIONS



CONVENTIONAL SIGNS

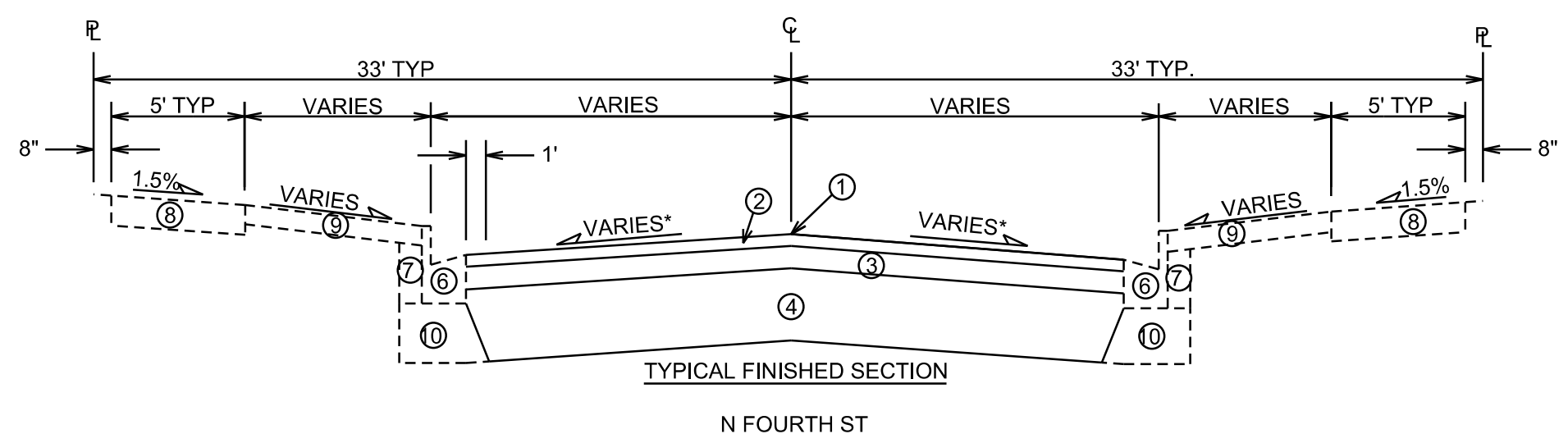
FIELD VERIFY ALL UTILITY LOCATIONS

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

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).....	455 C.Y.
ESTIMATED UNDISTRIBUTED UNDERCUT.....	1745 C.Y.
TOTAL UNCLASSIFIED EXCAVATION CUT.....	2200 C.Y.

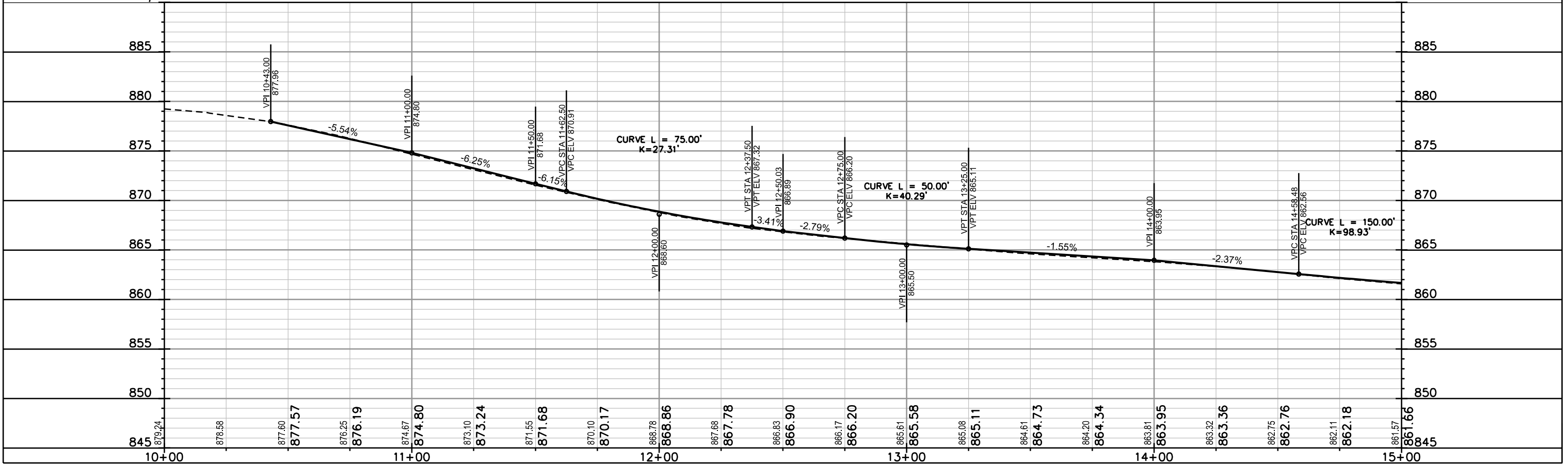
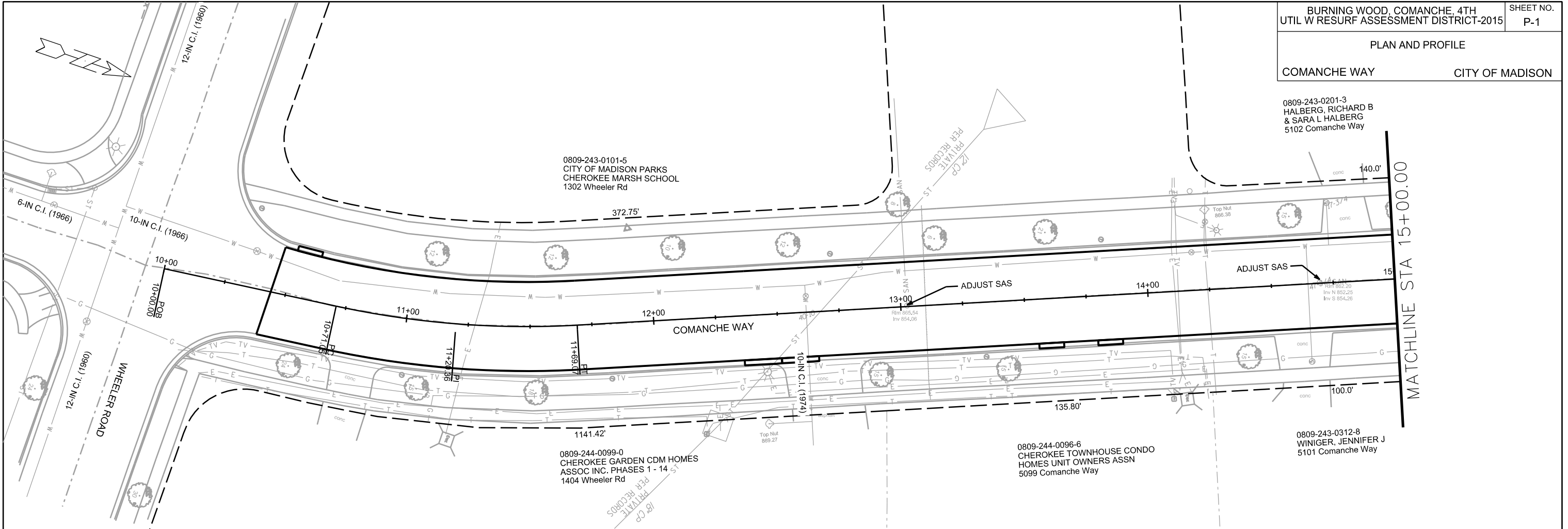


- ① POINT REFERRED TO ON PROFILE
- ② 2" BITUMINOUS UPPER LAYER, TYPE E-1
- ③ 2¼" BITUMINOUS LOWER LAYER, TYPE E-1
- ④ 10" GRADATION 2 CRUSHED AGGREGATE
- ⑥ REMOVE & REPLACE CONCRETE CURB & GUTTER AS SHOWN ON THE PLAN OR AS DIRECTED BY THE ENGINEER
- ⑦ FILL, INCIDENTAL WHERE CURB IS REPLACED
- ⑧ 5" CONCRETE SIDEWALK, REMOVE & REPLACE AS SHOWN ON THE PLAN OR AS DIRECTED BY THE ENGINEER
- ⑨ RESTORE DISTURBED AREAS W/ 4" TOPSOIL, SEED & MAT
- ⑩ 4" MIN GRADATION 2 CRUSHED AGGREGATE AS NECESSARY FOR CURB REPLACEMENT

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

TYPICAL SECTION NOT TO SCALE

PLOT SCALE: _____
PLOT NAME: _____
REV. DATE: _____
ORIGINATOR: CITY OF MADISON - STREETS DIVISION



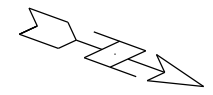
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REV. DATE: _____

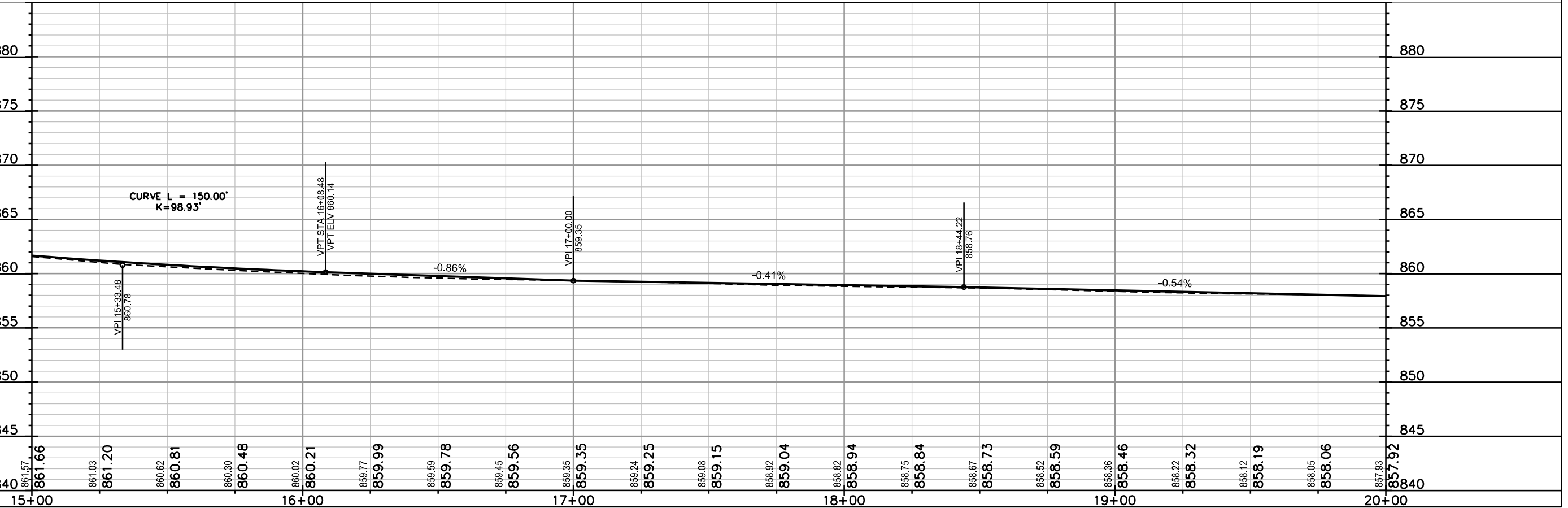
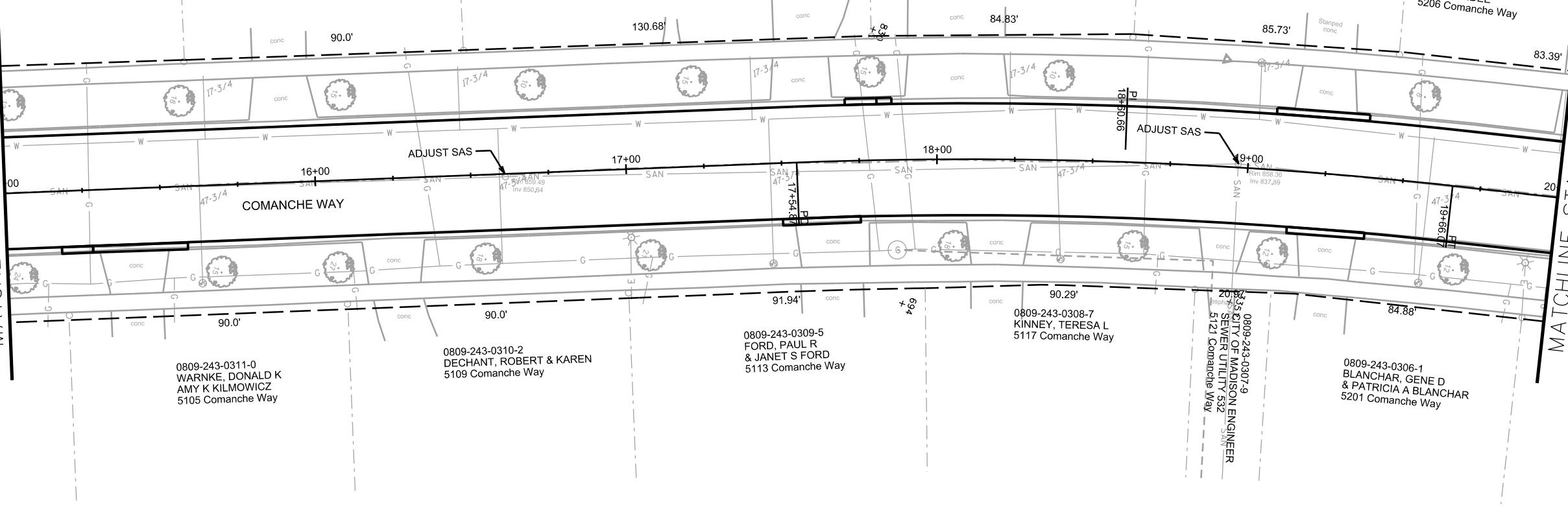
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLAN AND PROFILE
COMANCHE WAY CITY OF MADISON



MATCHLINE STA 15+00.00

MATCHLINE STA 20+00.00

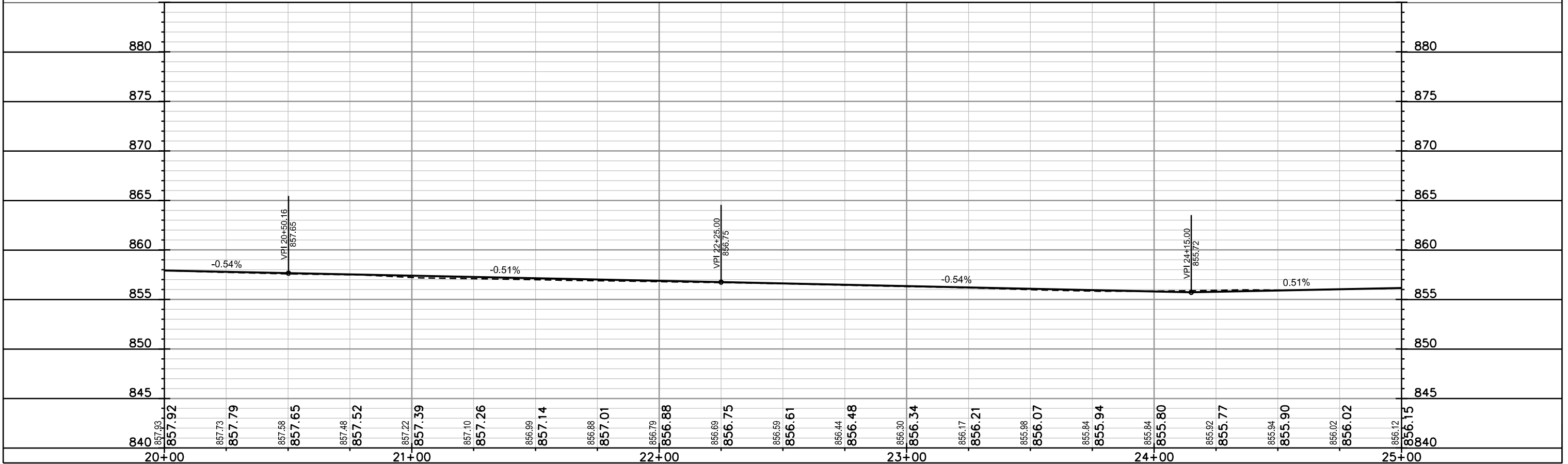
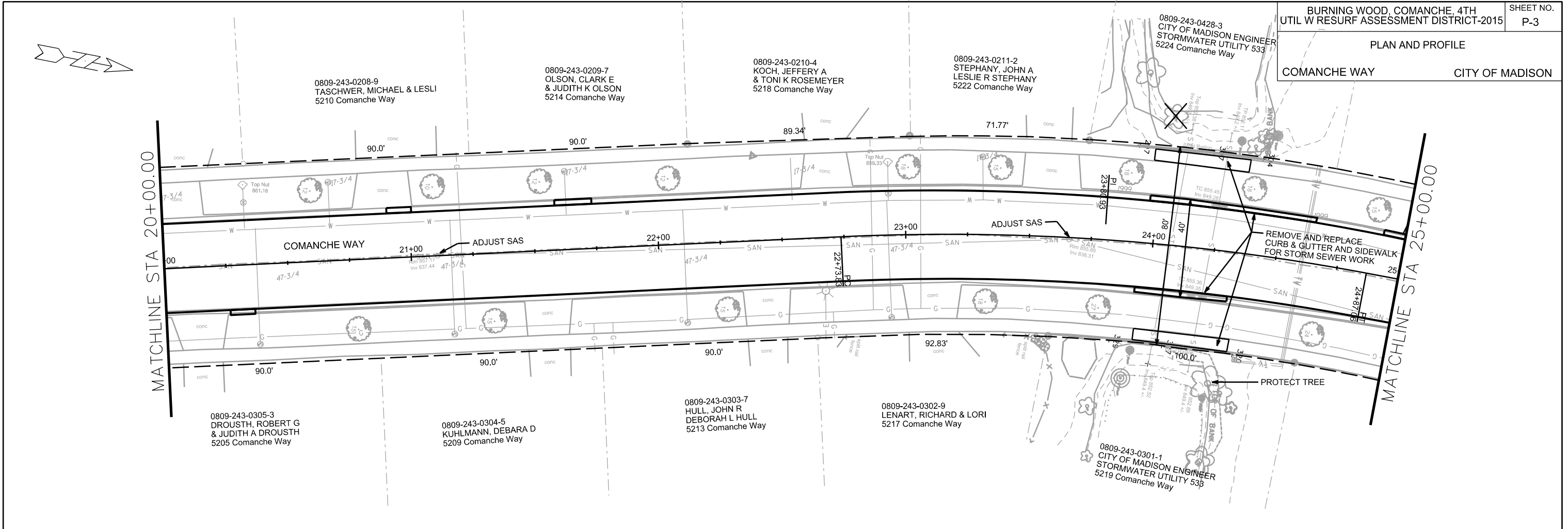


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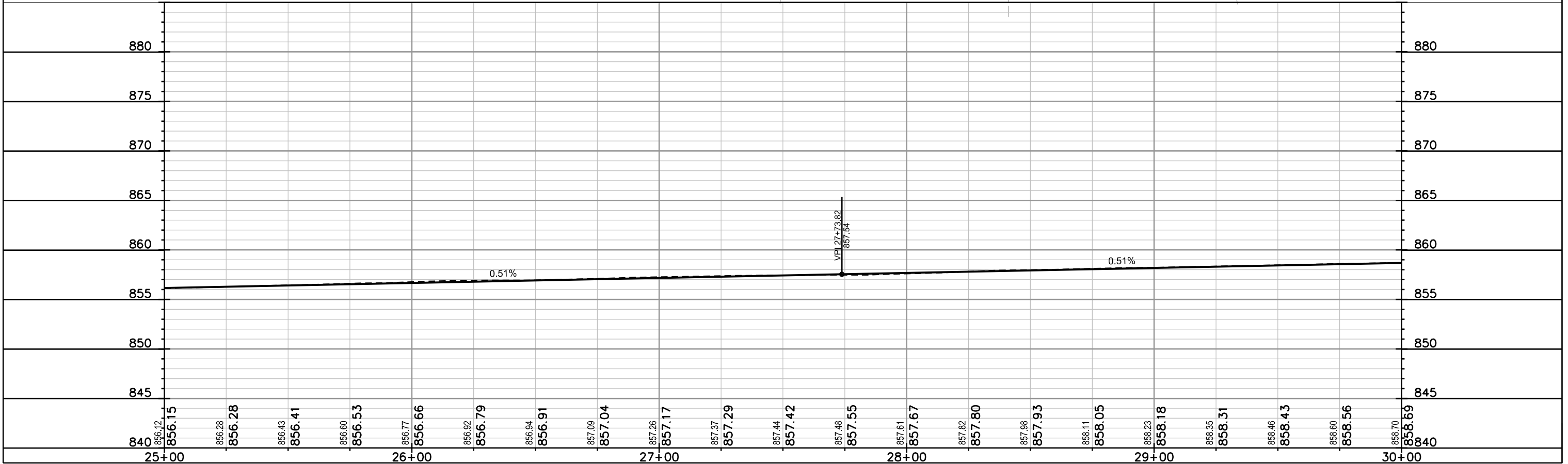
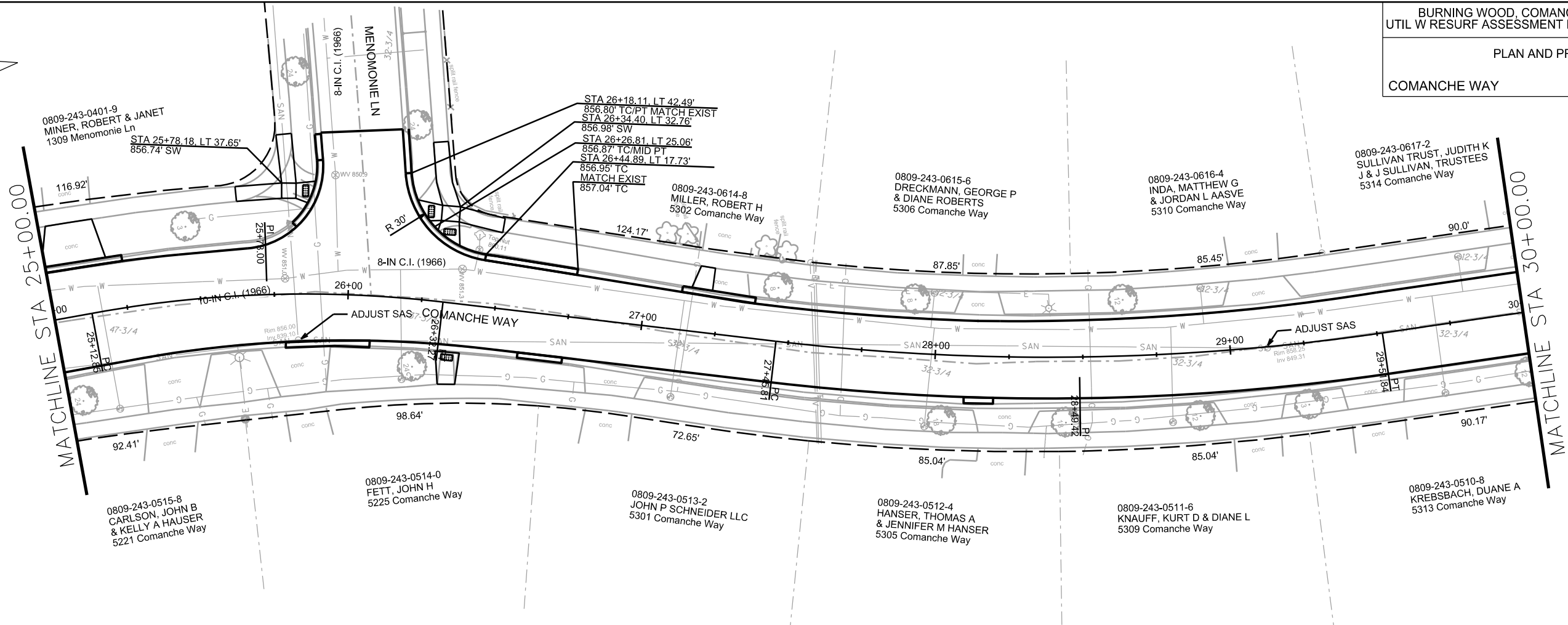


PLOT SCALE: _____
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MATCHLINE STA 25+00.00

MATCHLINE STA 30+00.00

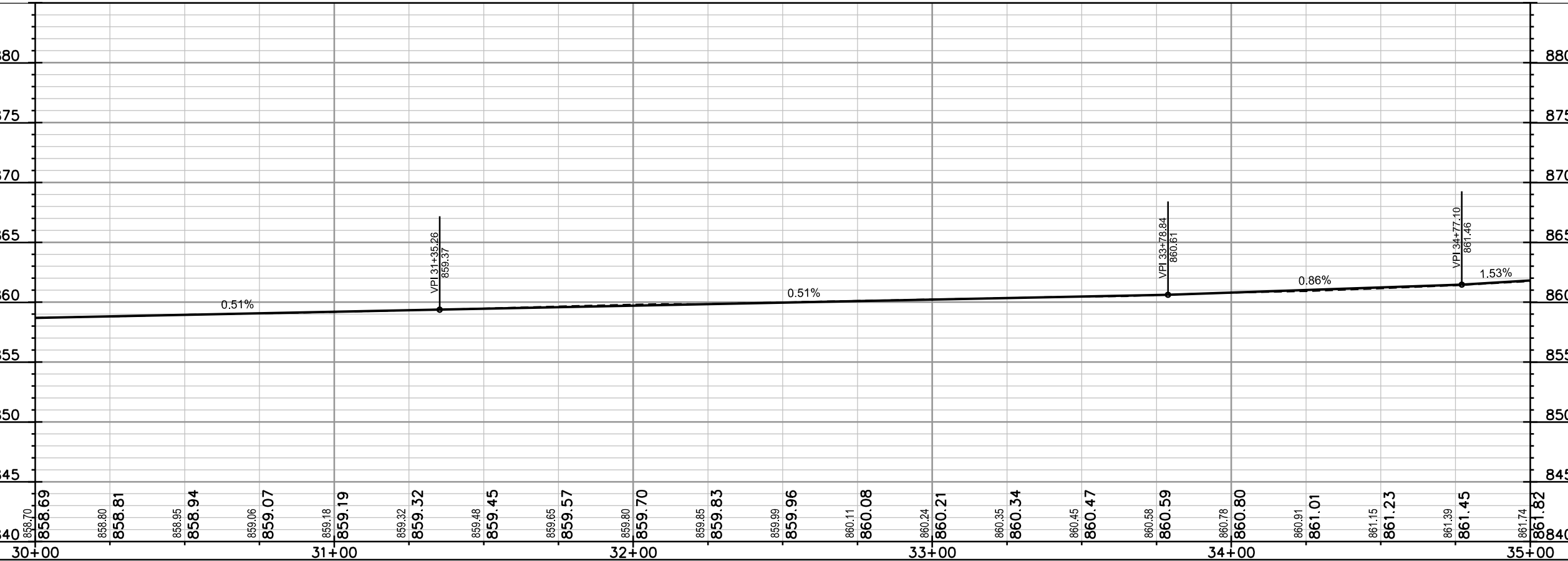
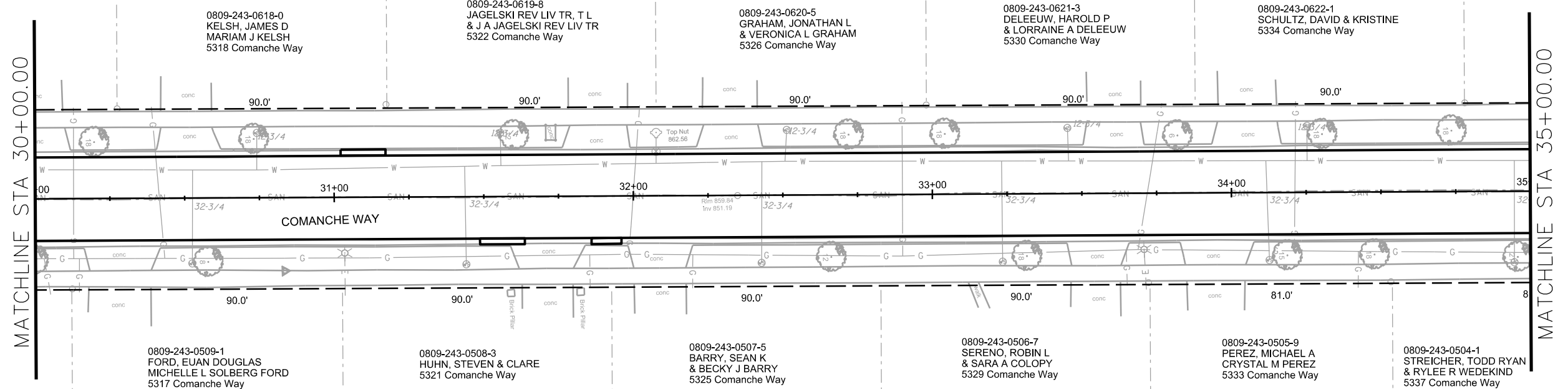


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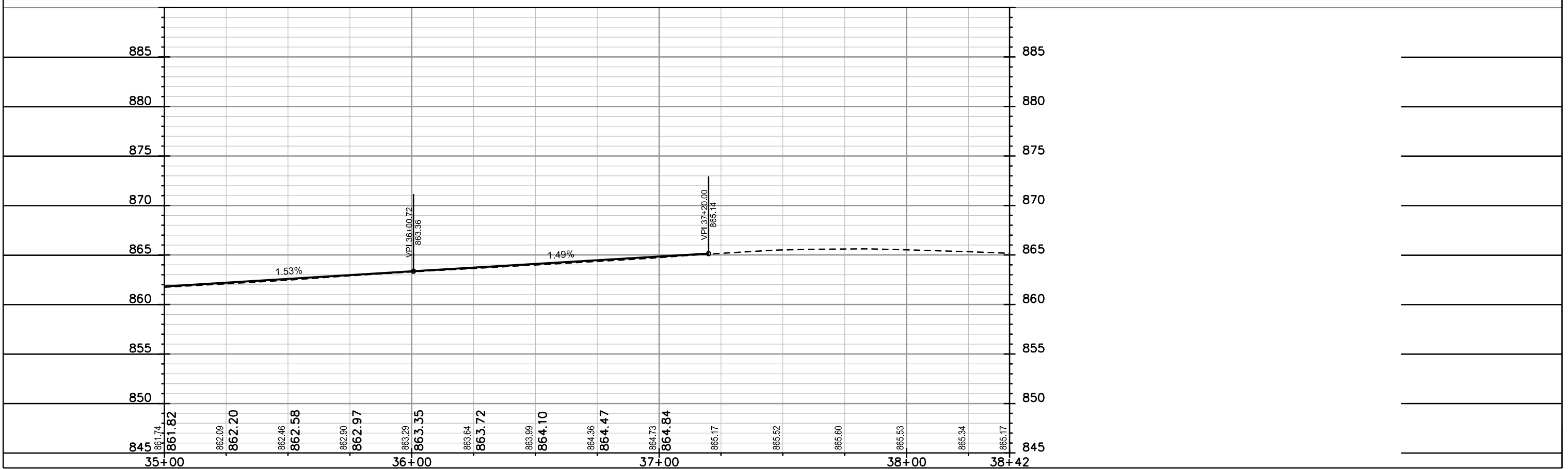
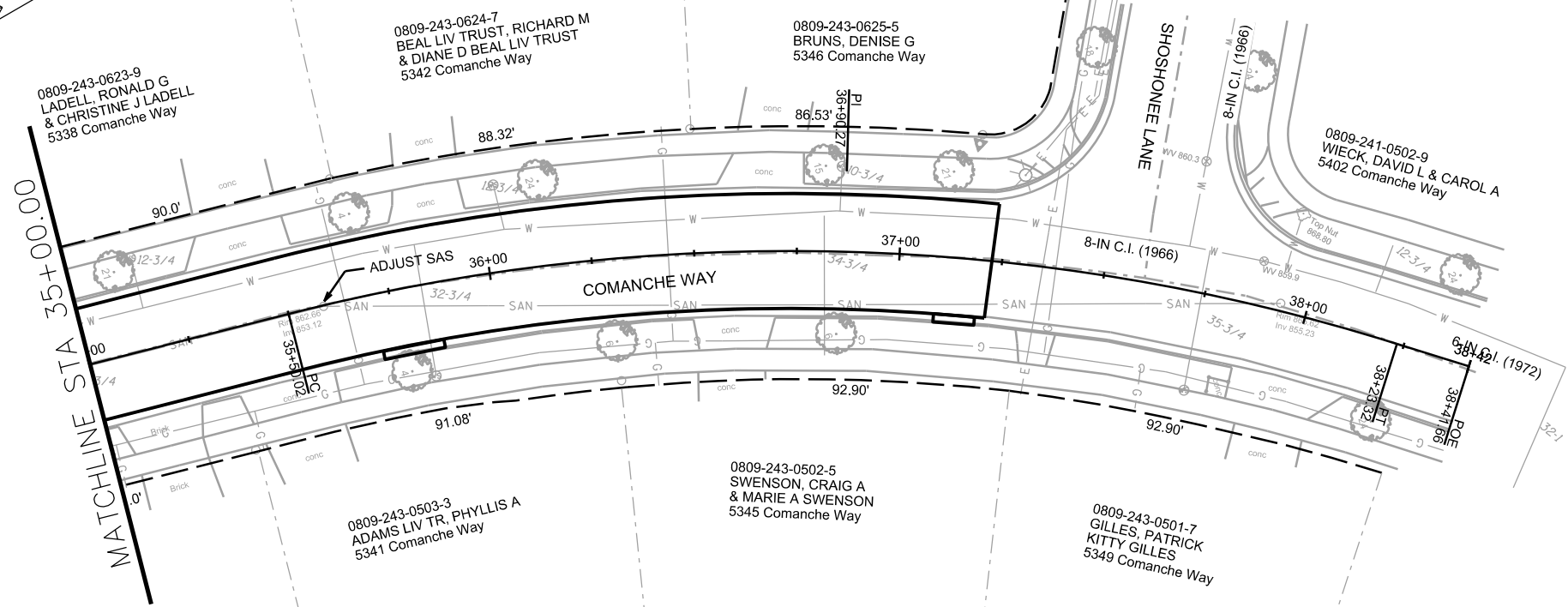
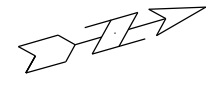


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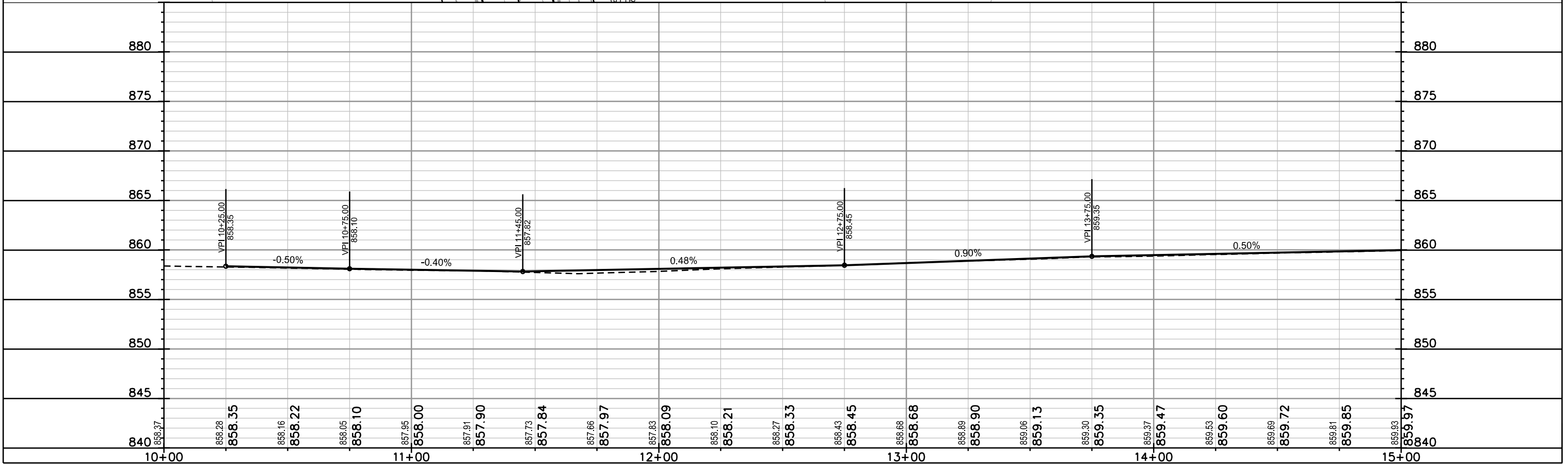
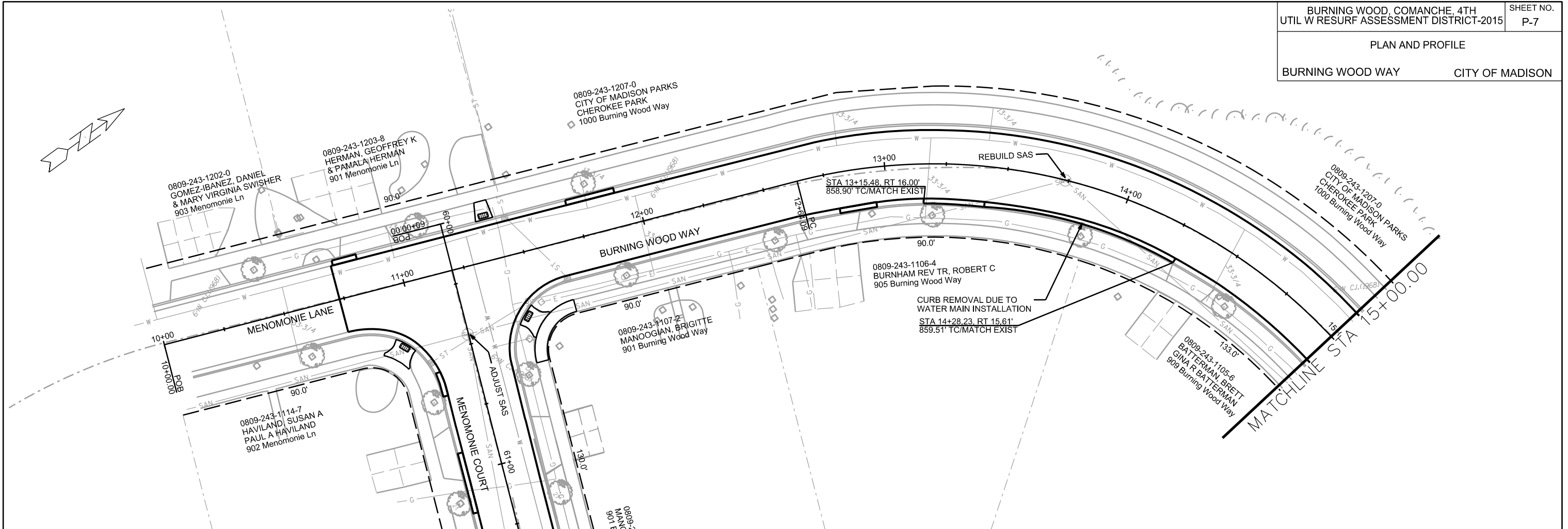


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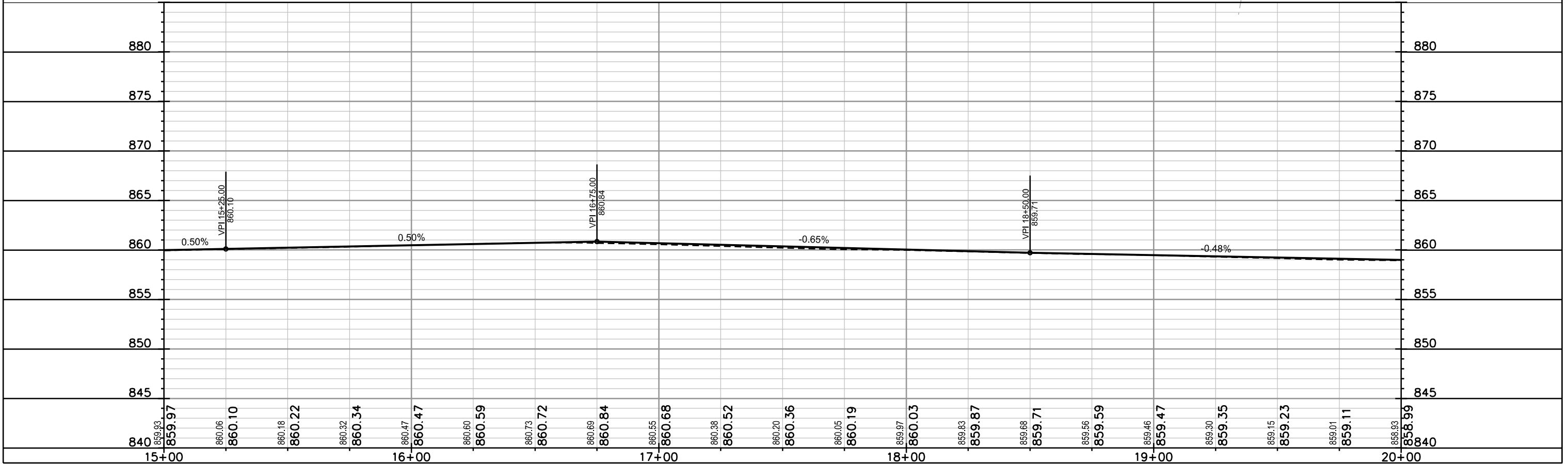
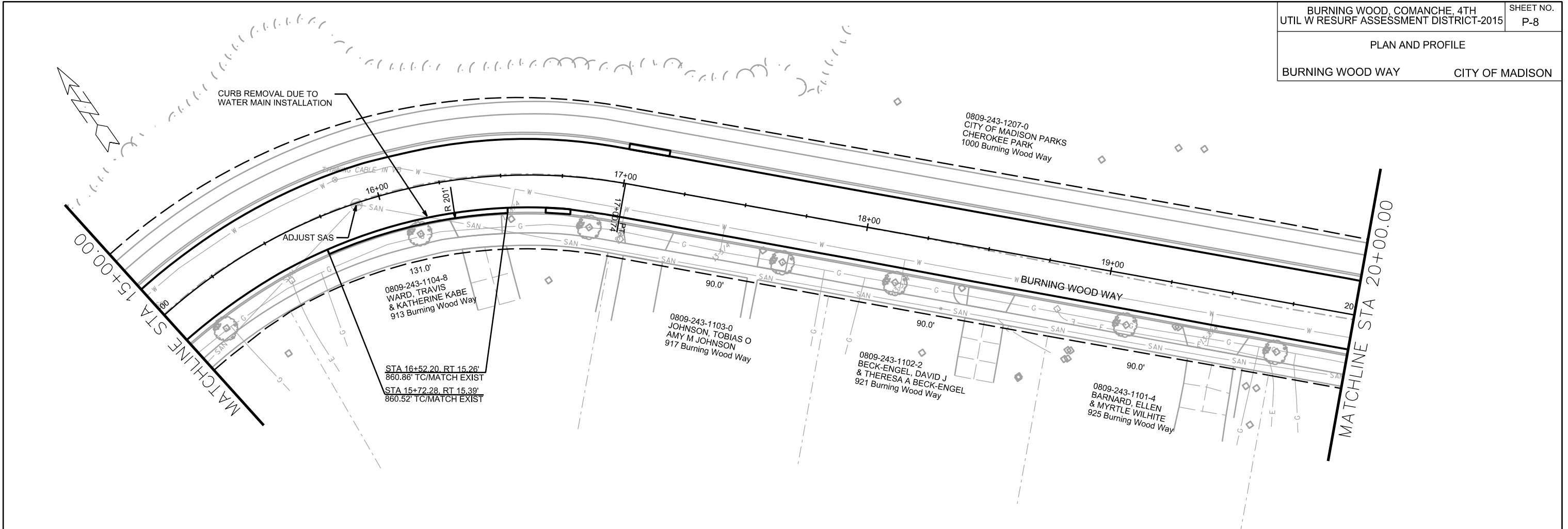


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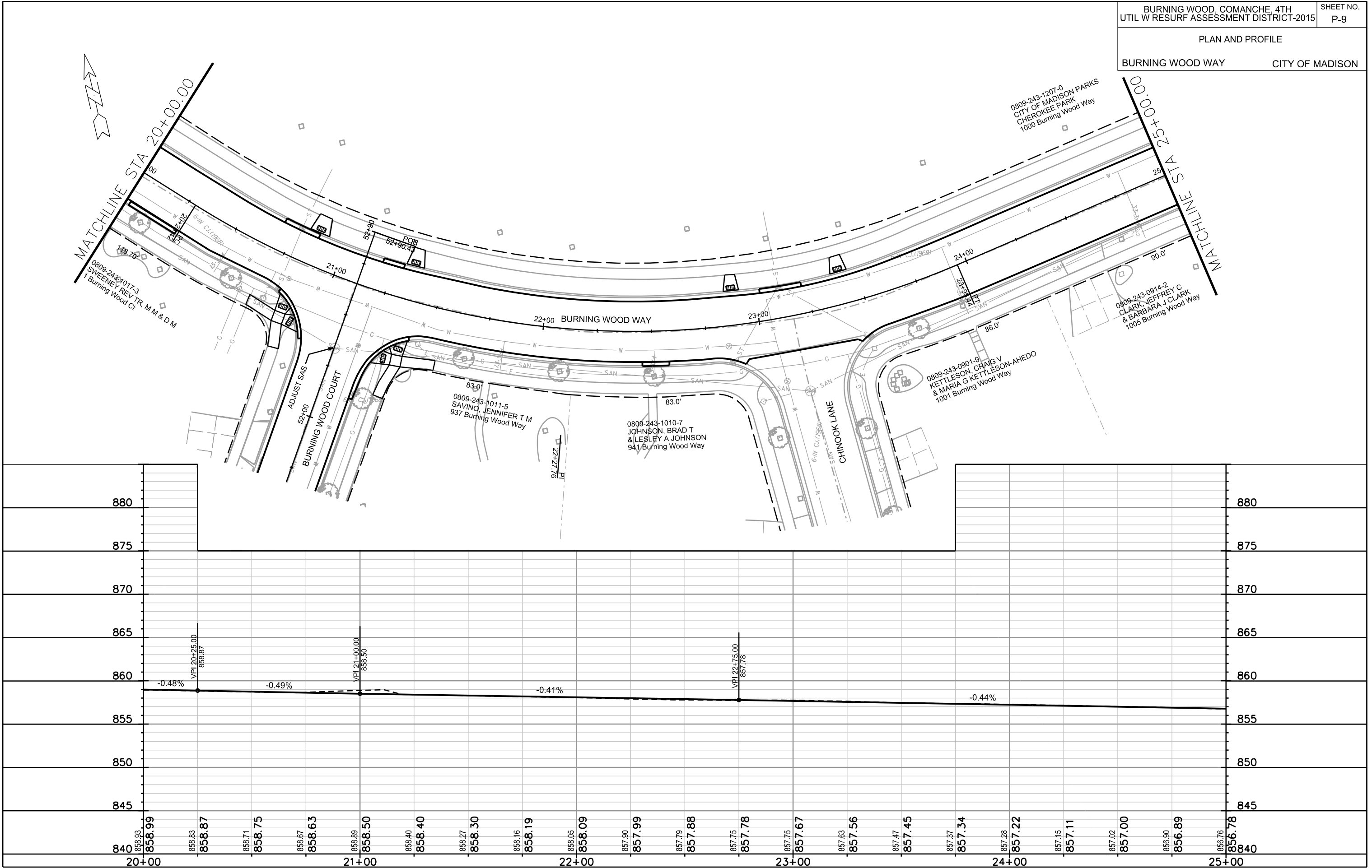


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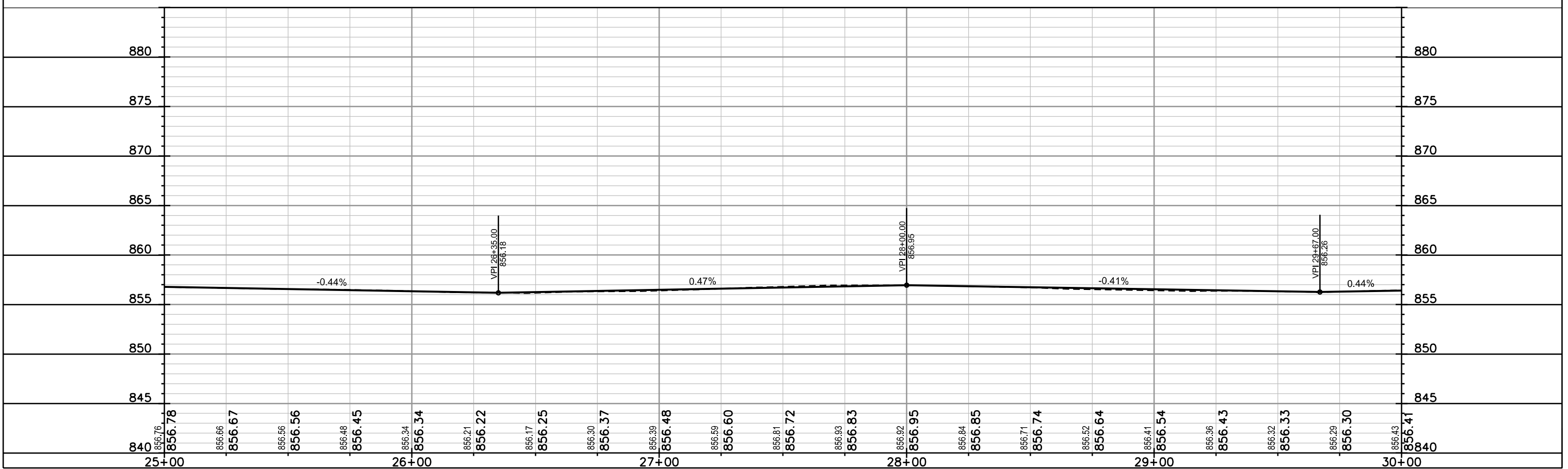
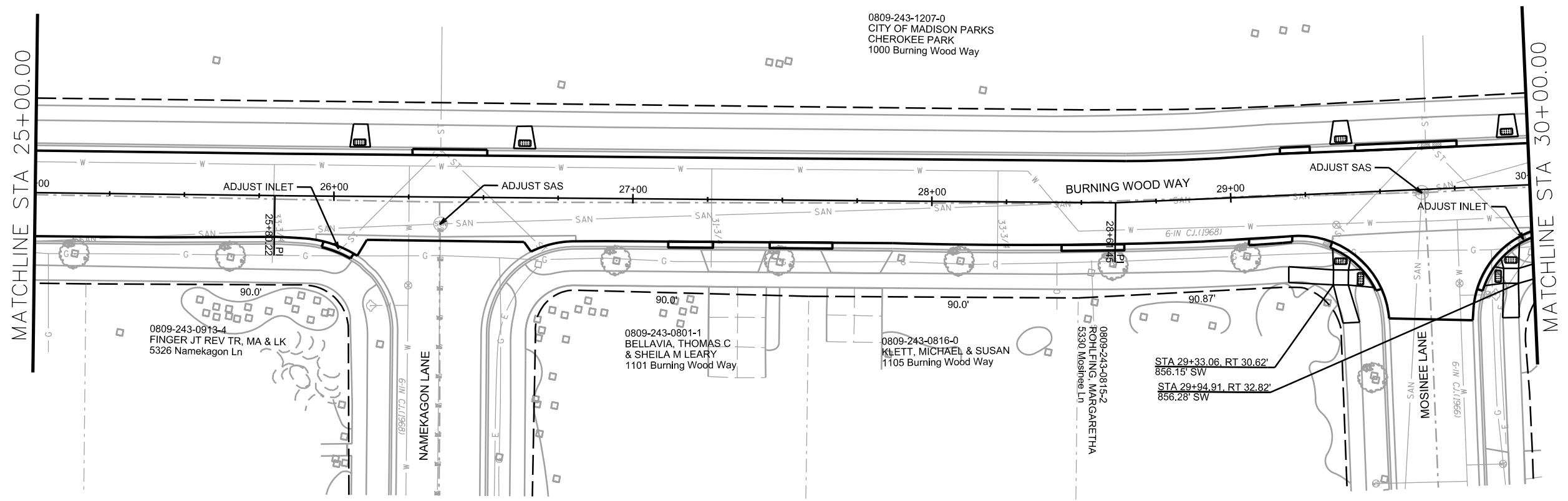


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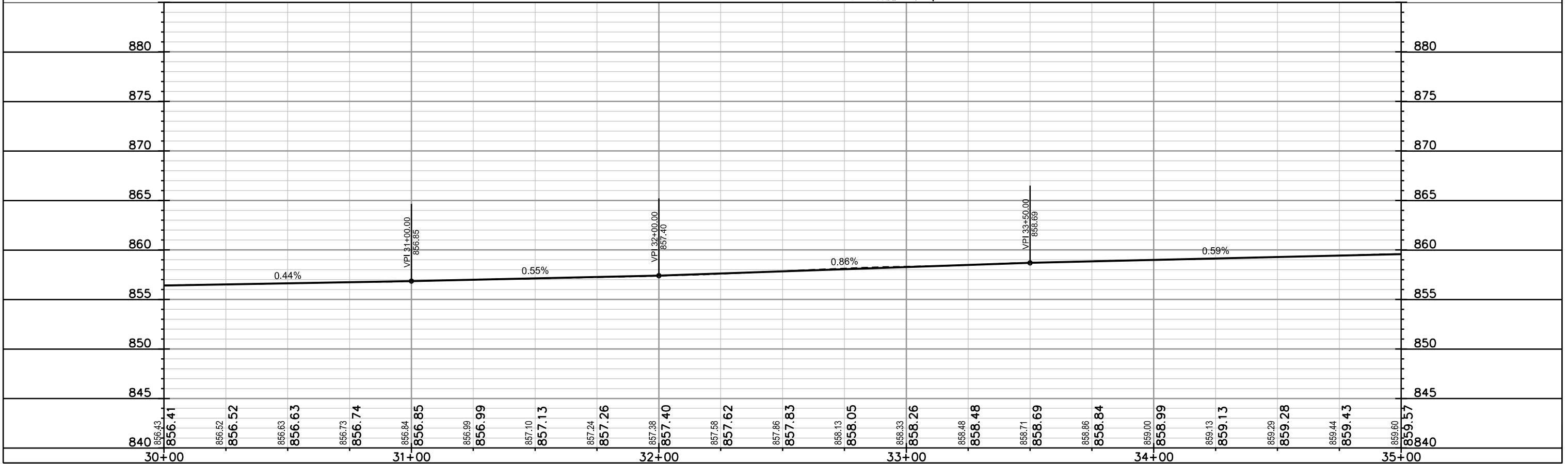
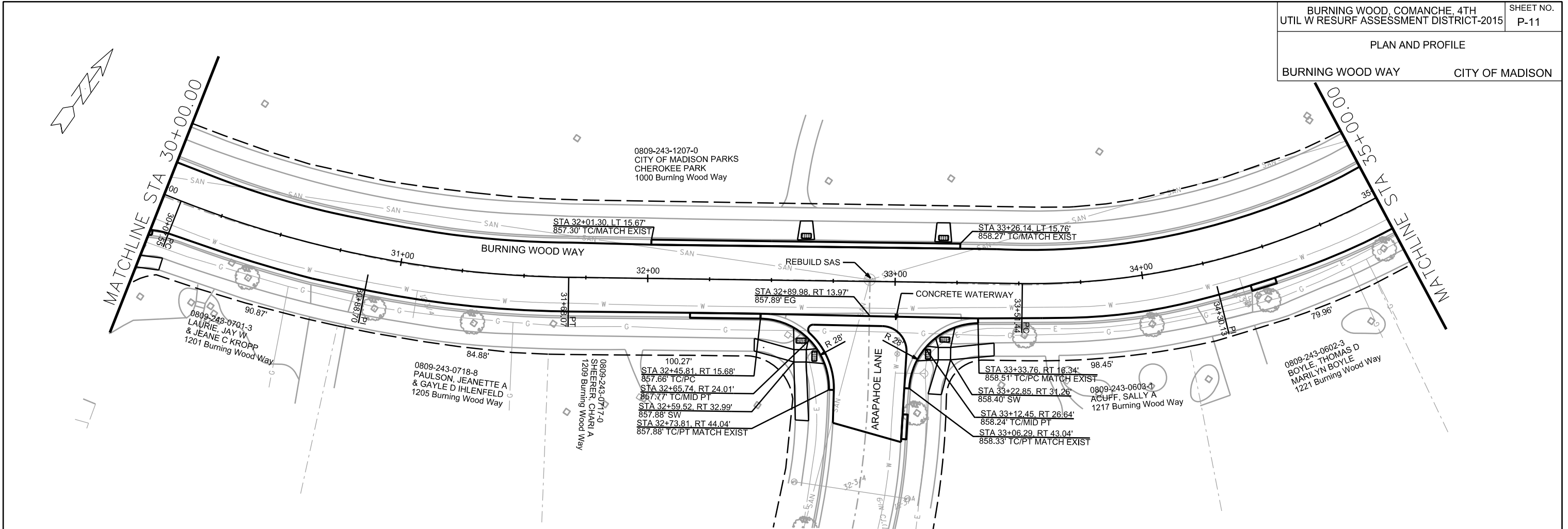


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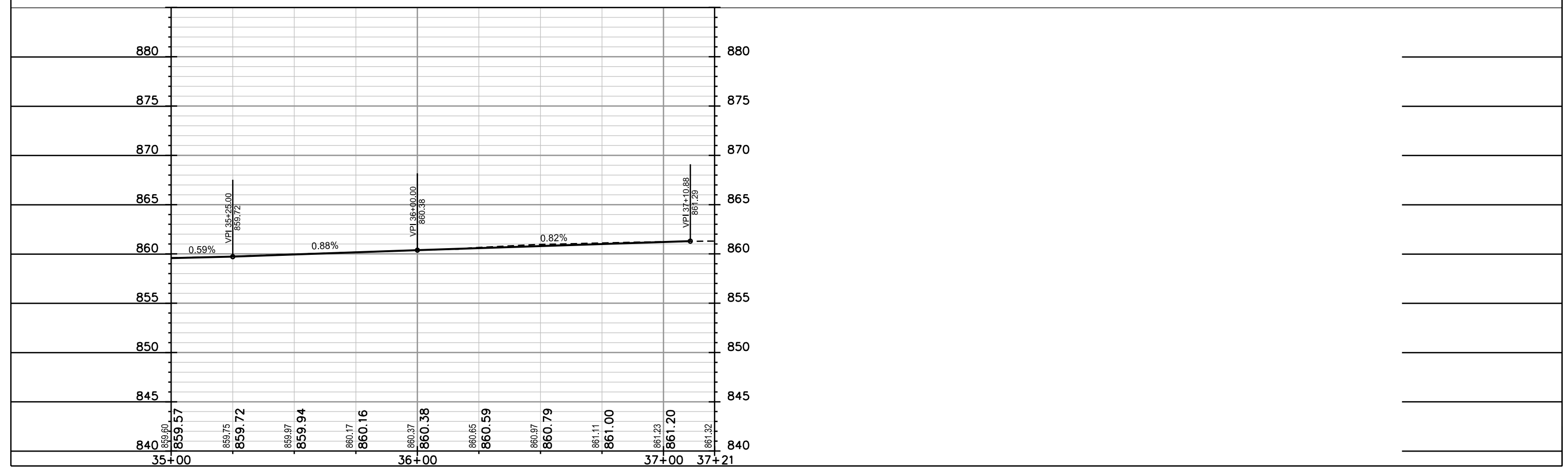
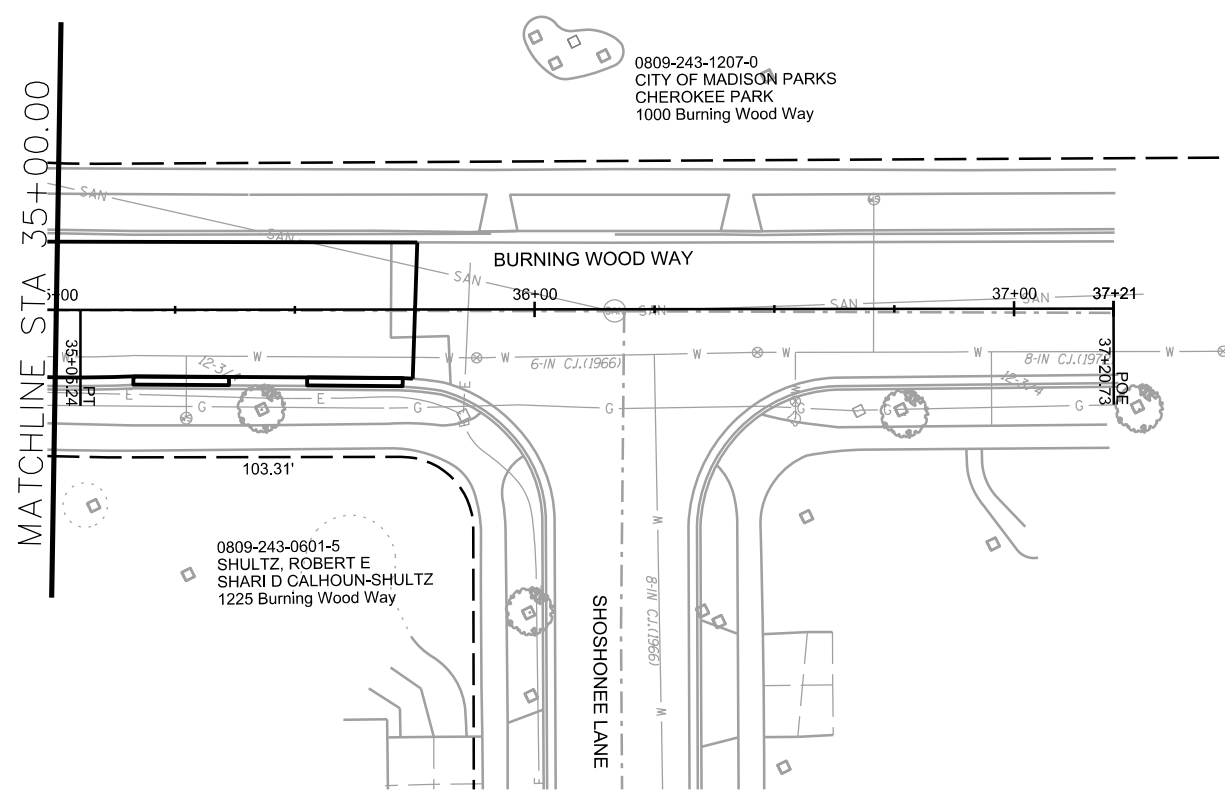
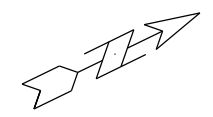
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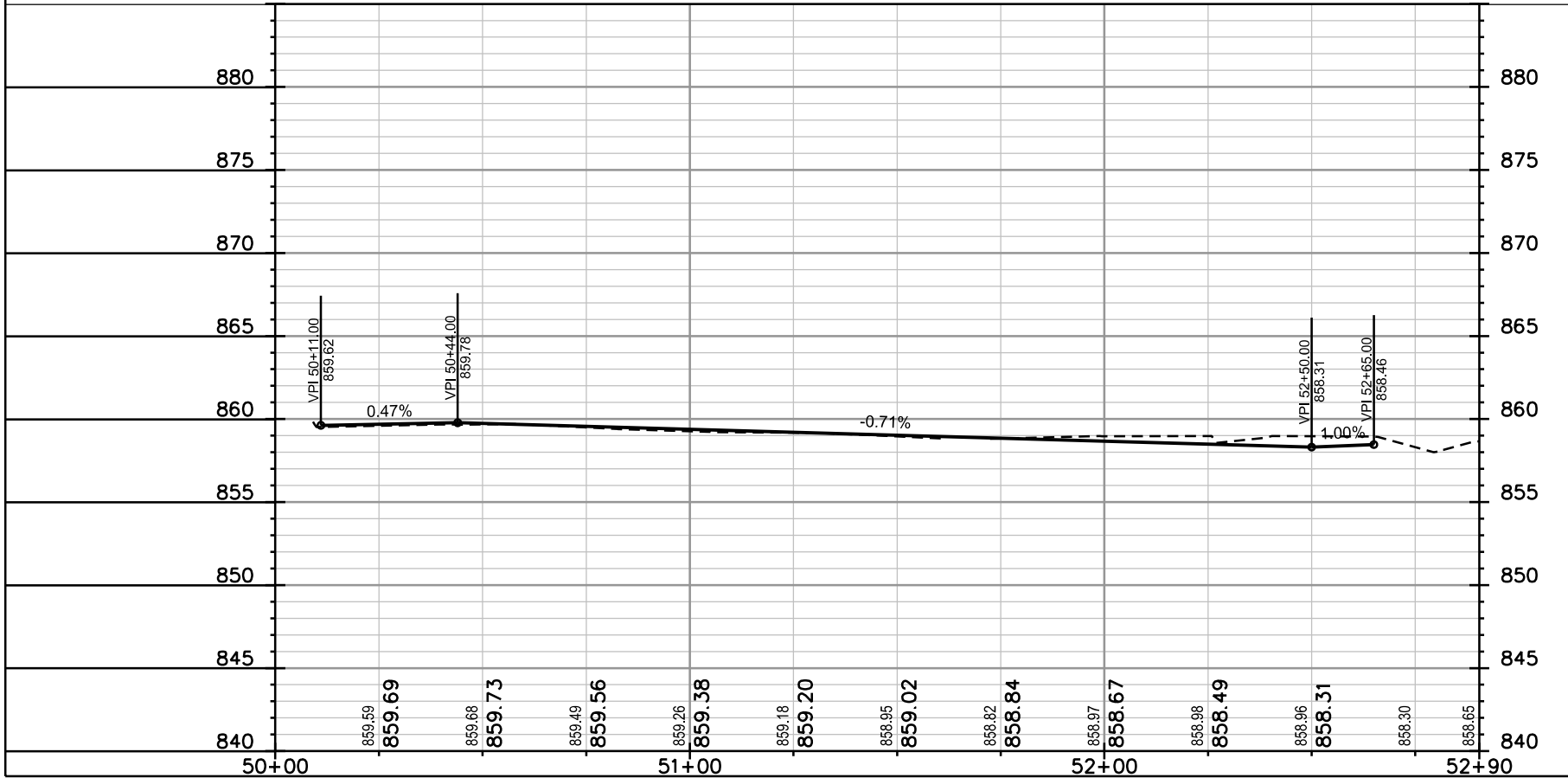
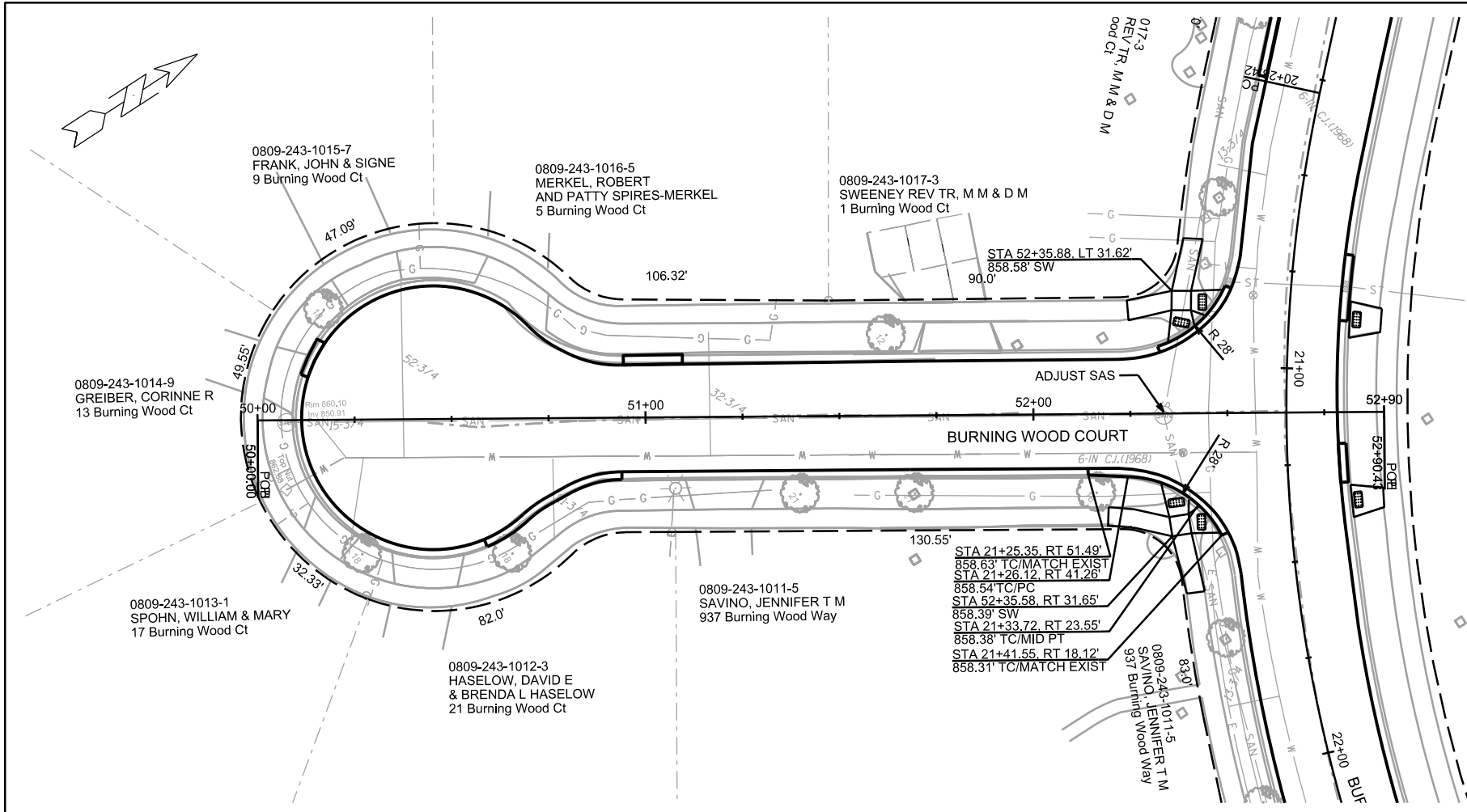


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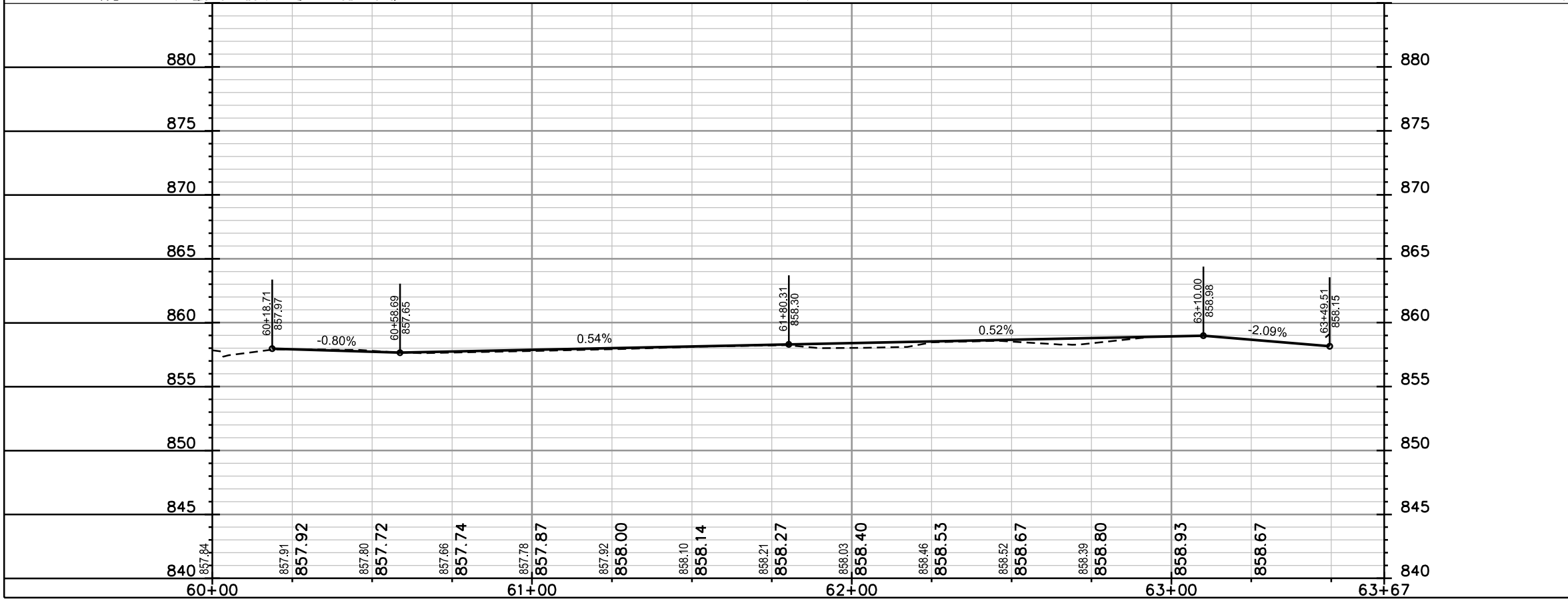
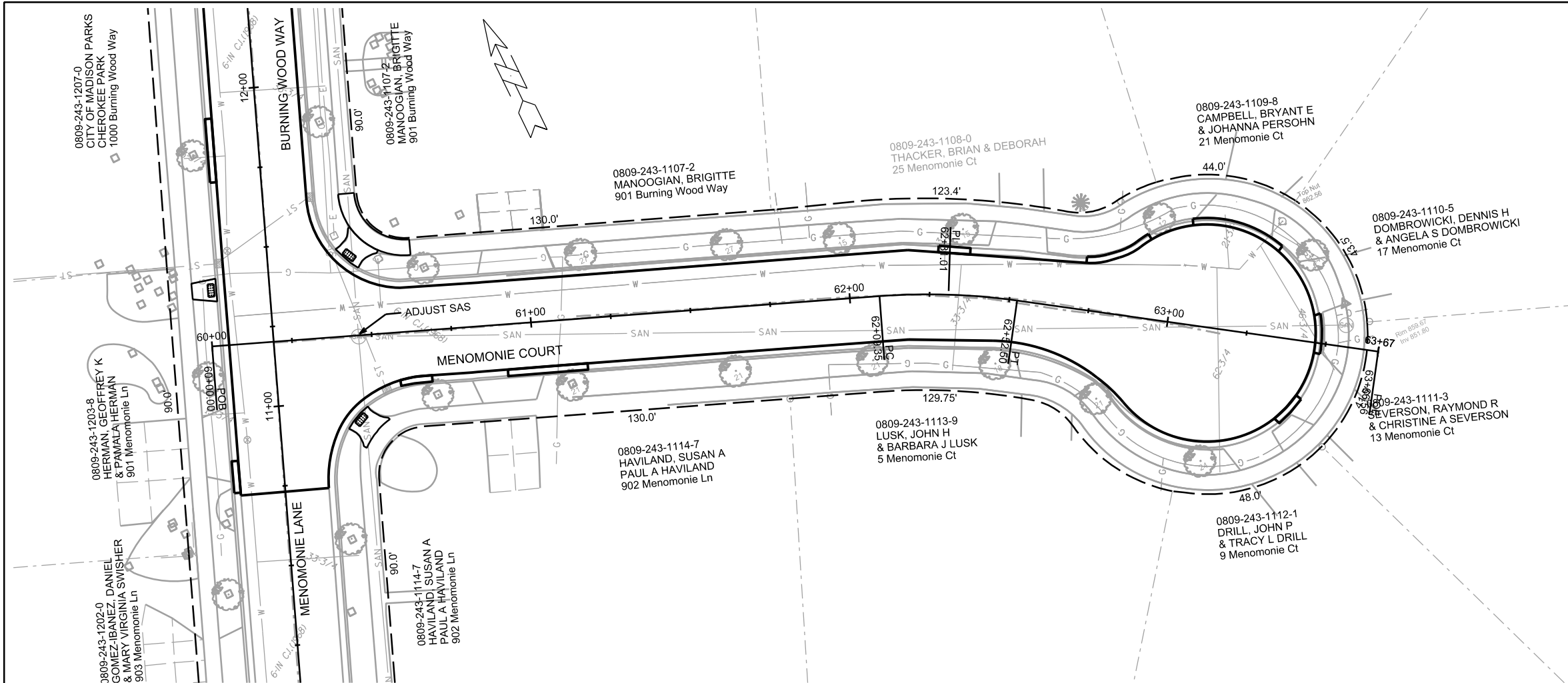


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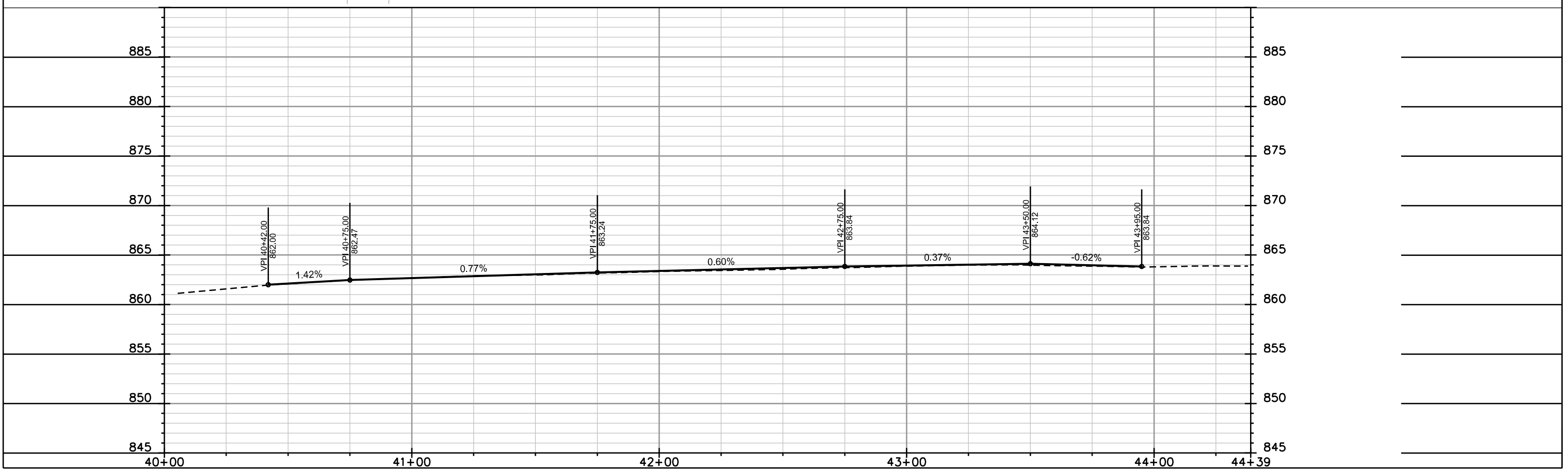
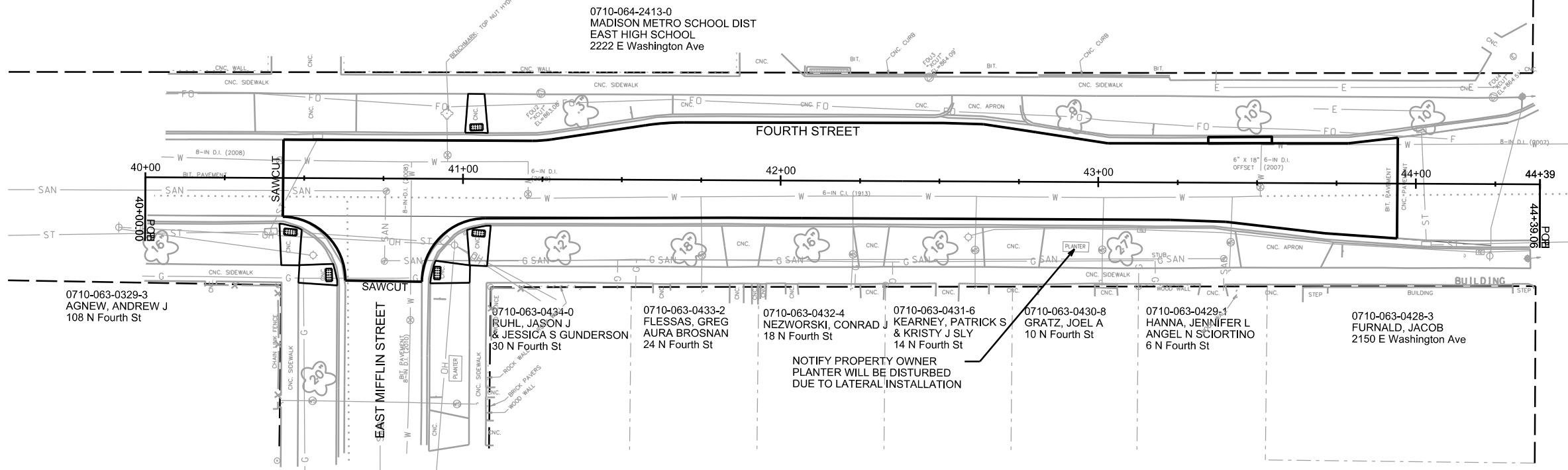
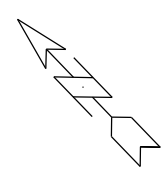


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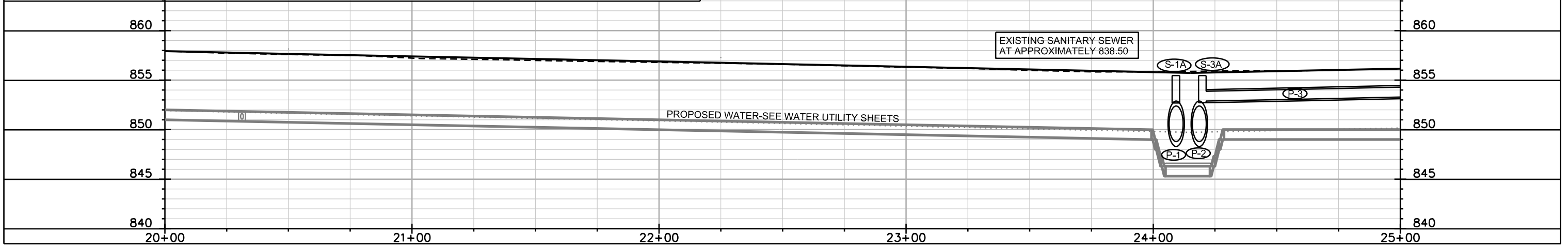
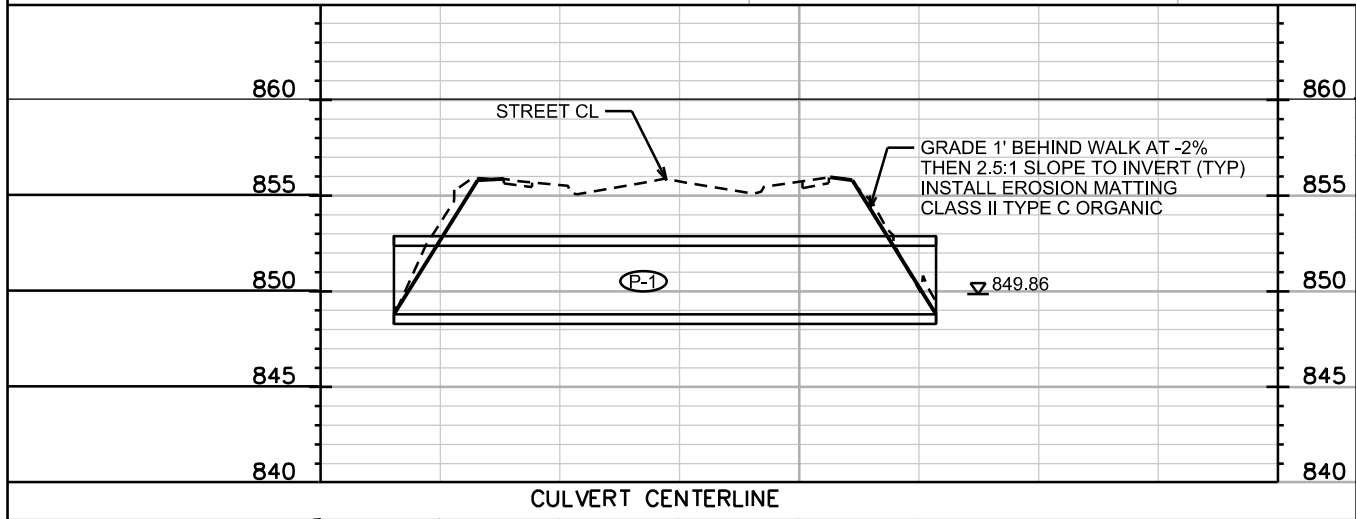
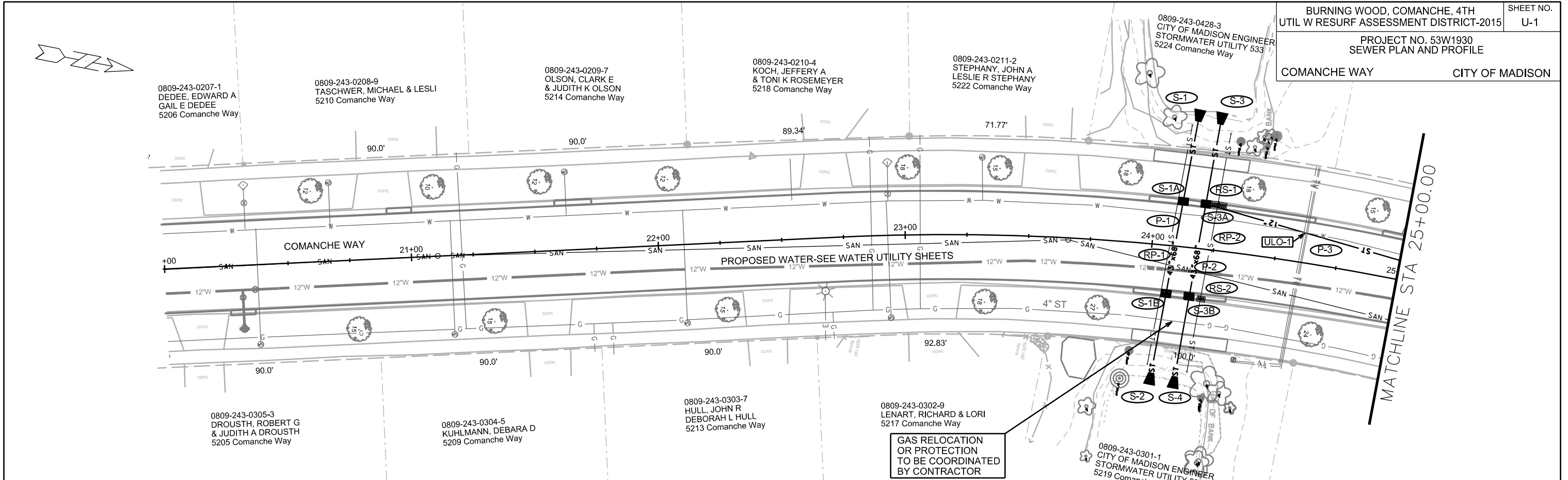


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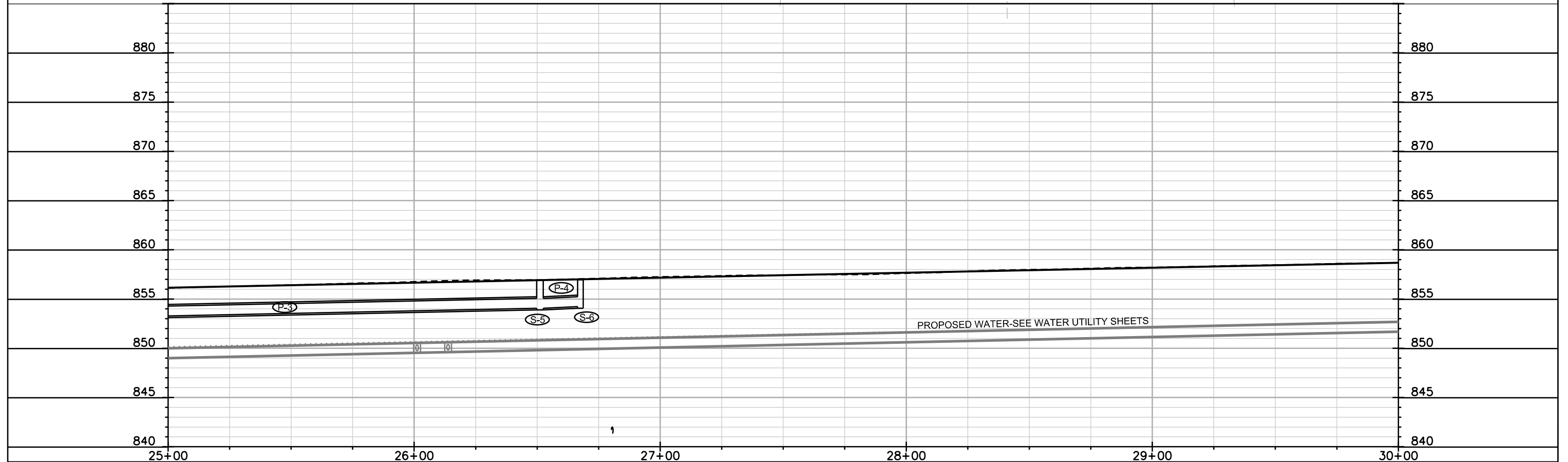
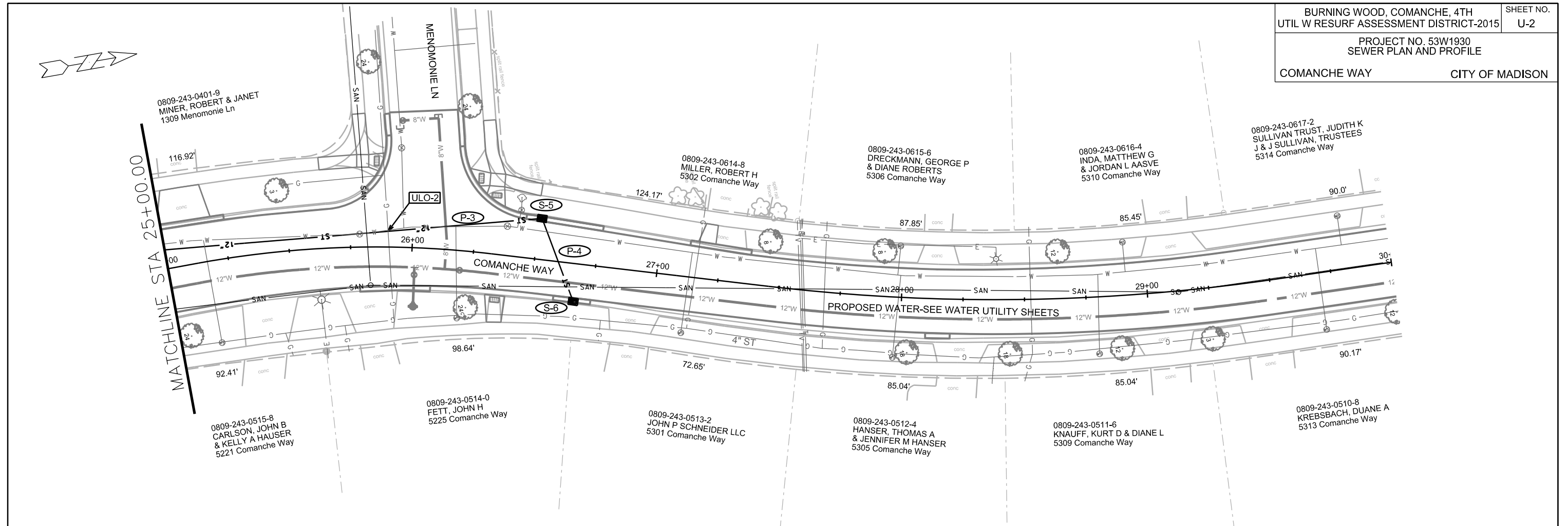
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STORM SEWER SCHEDULE

ALIGNMENT CODES:

'CW' = COMANCHE WAY

BURNING WOOD, COMANCHE, 4TH UTIL W RESURF ASSESSMENT DISTRICT-2015	SHEET NO. U-3
PROJECT NO. 53W1930	
COMANCHE WAY STORM SEWER SCHEDULE	CITY OF MADISON

STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
S-1	24'CW'+13.77	LT-56.00	43"X68" HERCP AE	-	848.80	-	(3)
S-1A	24'CW'+10.92	LT-18.50	SADDLED INLET TYPE II	855.50	852.88	2.62	LP; FP; W/ R-3067-7004-VB
S-1B	24'CW'+07.64	RT-19.50	SADDLED INLET TYPE II	855.46	852.88	2.58	LP; FP; W/ R-3067-7004-VB
S-2	24'CW'+04.17	RT-56.83	43"X68" HERCP AE	-	848.80	-	(3)
S-3	24'CW'+22.27	LT-55.80	43"X68" HERCP AE	-	848.80	-	(3)
S-3A	24'CW'+19.89	LT-18.50	SADDLED INLET TYPE II	855.47	852.88	2.59	LP; FP; W/ R-3067-7004-VB
S-3B	24'CW'+17.12	RT-19.50	SADDLED INLET TYPE II	855.39	852.88	2.51	LP; FP; W/ R-3067-7004-VB
S-4	24'CW'+14.45	RT-57.36	43"X68" HERCP AE	-	848.80	-	(3)
S-5	26'CW'+51.11	LT-16.00	H INLET	856.89	854.06	2.83	FP; W/ R-3067-7004-V
S-6	26'CW'+67.60	RT-15.50	H INLET	856.95	854.23	2.72	FP; W/ R-3067-7004-V

PIPES

PIPE NO.	FROM (DNSTM)	TO (UPSTM)	PLAN LGTH (FT)	PIPE LGTH (FT)	DISCH. E.I.	INLET E.I.	SLOPE (%)	PIPE SIZE	TYPE	NOTES
P-1	S-1	S-2	97.50	97.50	848.80	848.80	0.00%	43"X68"	HERCP	NOTE (2)
P-2	S-3	S-4	97.50	97.50	848.80	848.80	0.00%	43"X68"	HERCP	NOTE (2)
P-3	S-3A	S-5	236	233	852.88	854.06	0.51%	12"	RCP	-
P-4	S-5	S-6	36	34	854.06	854.23	0.50%	12"	RCP	-

STORM STRUCTURE REMOVALS

STRUC. NO.	ID NO.	STATION	LOCATION (OFFSET)	TYPE	NOTES
RS-1	IN 5218-005	24'CW'+25.00	LT-19.08	DOUBLE SADDLED H INLETS	PAID AS 2 REMOVE INLET
RS-2	IN 5218-006	24'CW'+22.00	RT-20.47	DOUBLE SADDLED H INLETS	PAID AS 2 REMOVE INLET

ULO SCHEDULE

ID NO.	STATION	LOCATION (OFFSET)	TYPE	NOTES
ULO-1	24'CW'+60.82	LT-12.18	TV	-
ULO-2	25'CW'+90.18	LT-6.41	GAS	-

STORM PIPE REMOVALS

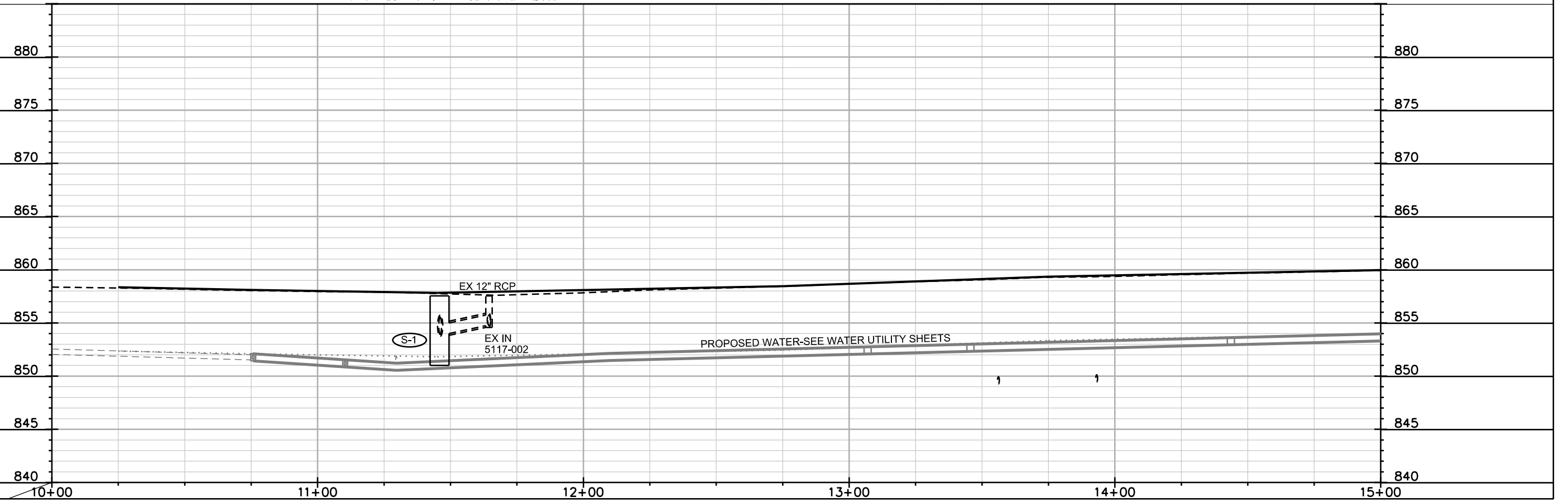
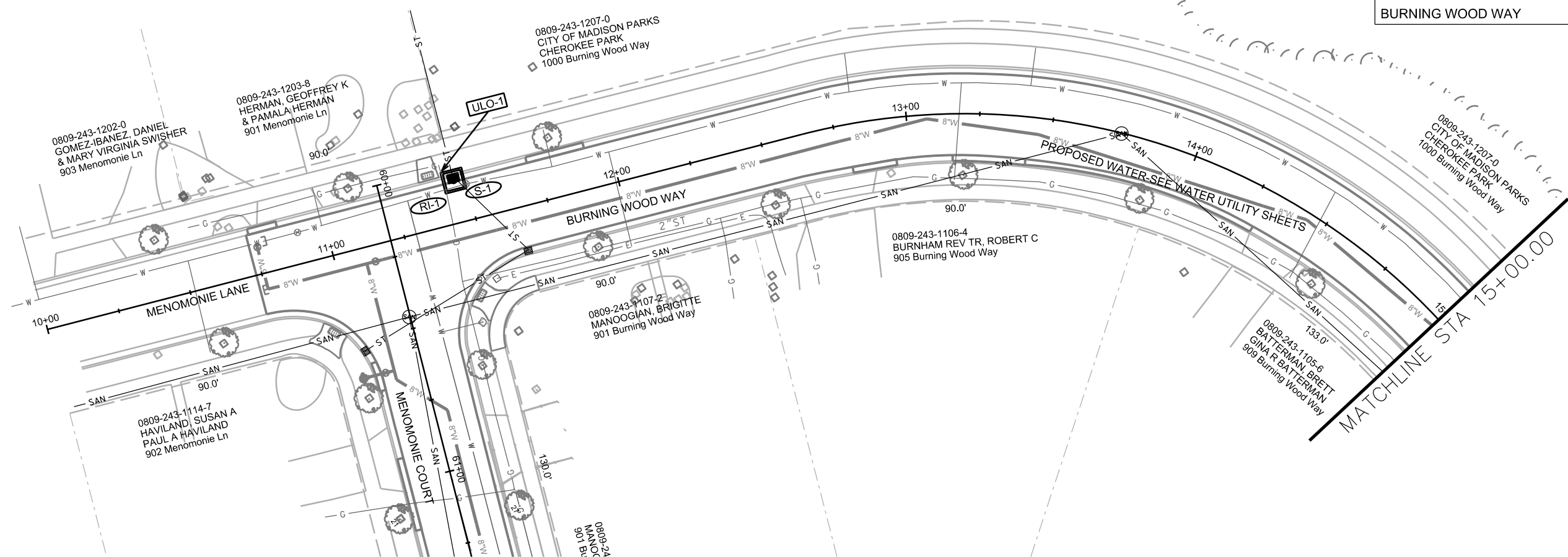
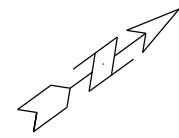
PIPE REMOVAL NO.	REMOVE FROM	REMOVE TO	LENGTH (FT)	PAID (Y/N)	SIZE	TYPE	NOTES
RP-1	RS-1	RS-5	98	N	54"X85" HERCP	CMPA	NOTE (1)
RP-2	RS-2	RS-6	98	N	54"X85" HERCP	CMPA	NOTE (1)

STANDARD NOTES:

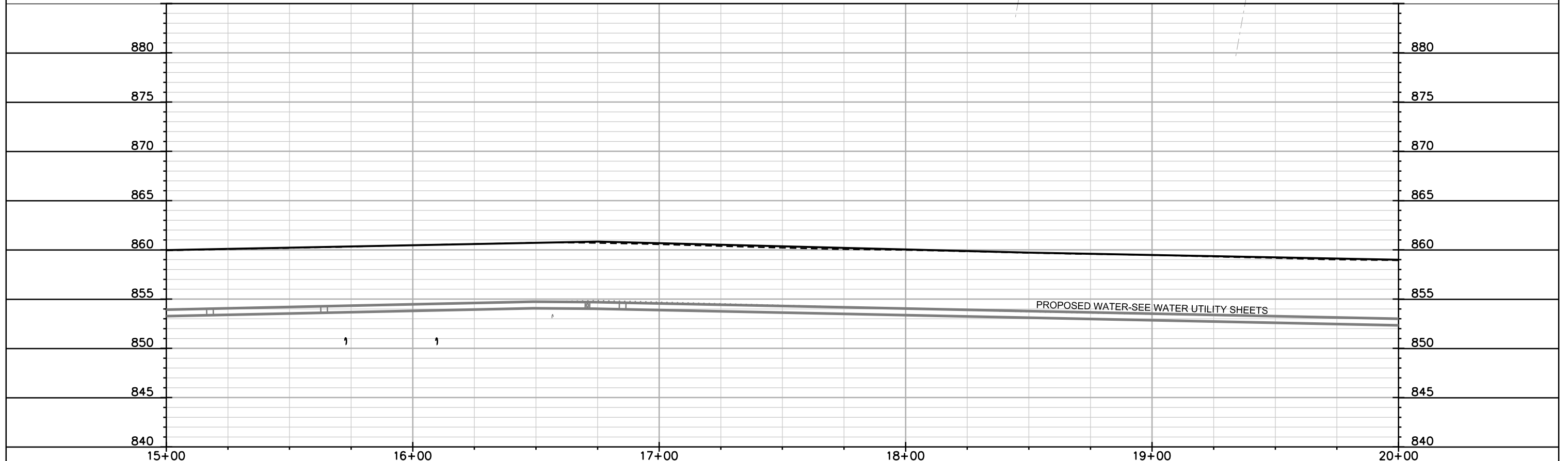
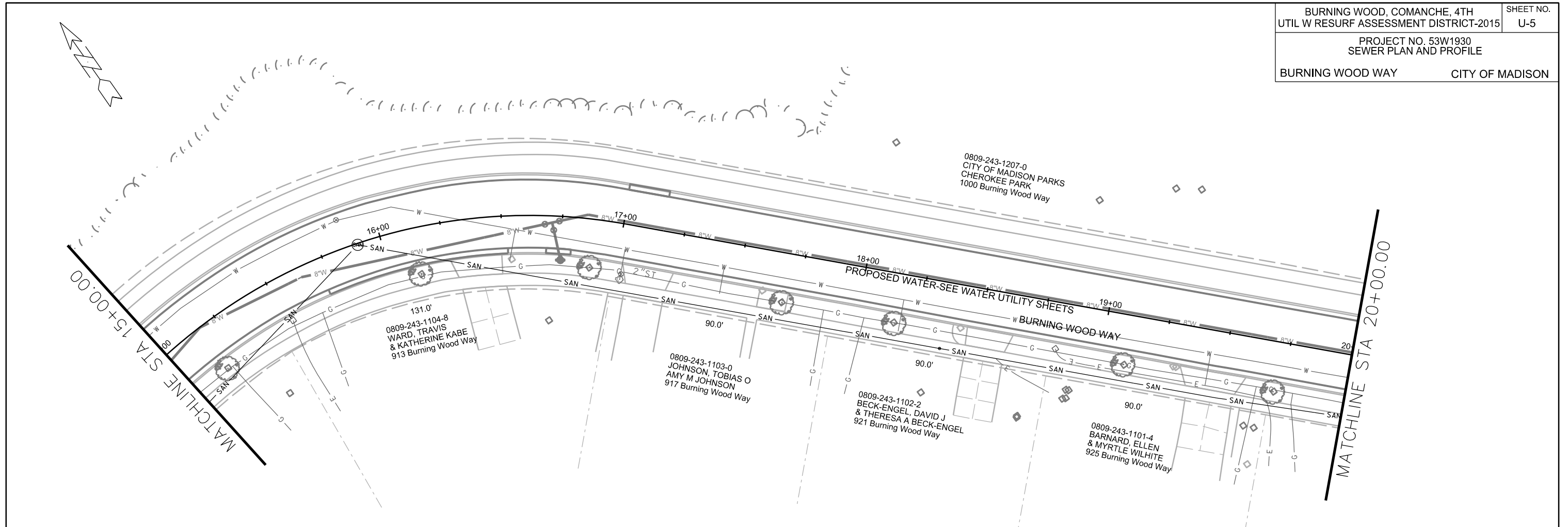
- ABBREVIATIONS: AE = APRON ENDWALL; RCP = REINFORCED CONCRETE PIPE; HERCP = HORIZONTAL ELLIPTICAL REINFORCED CONCRETE PIPE; DNA = DOES NOT APPLY; SAS = SEWER ACCESS STRUCTURE; LP = LOW POINT INLET STRUCTURE; FP = FIELD POURED STRUCTURE; TR = TOP OF CONCRETE ROOF; NCM = NO CROWN MATCH FOR PIPES
- APPROXIMATE 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 ELIA E. ACOSTA OF CITY ENGINEERING AT (608) 266-4096 FOR PRECAST APPROVALS, OR FAX SHOP DRAWINGS TO (608)264-9275.

SPECIFIC NOTES

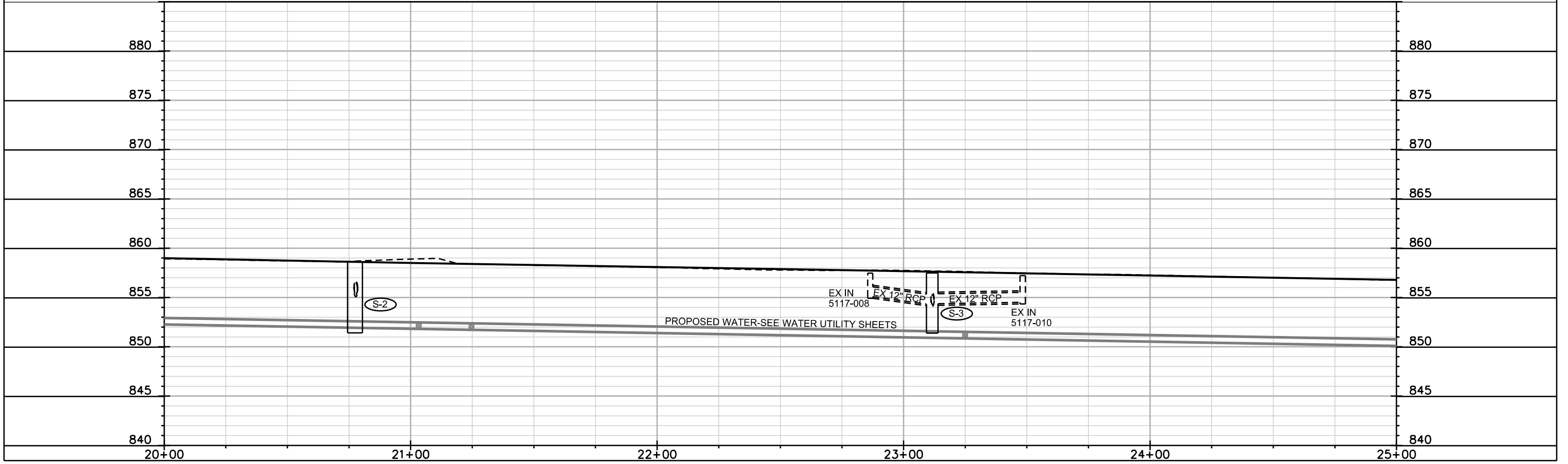
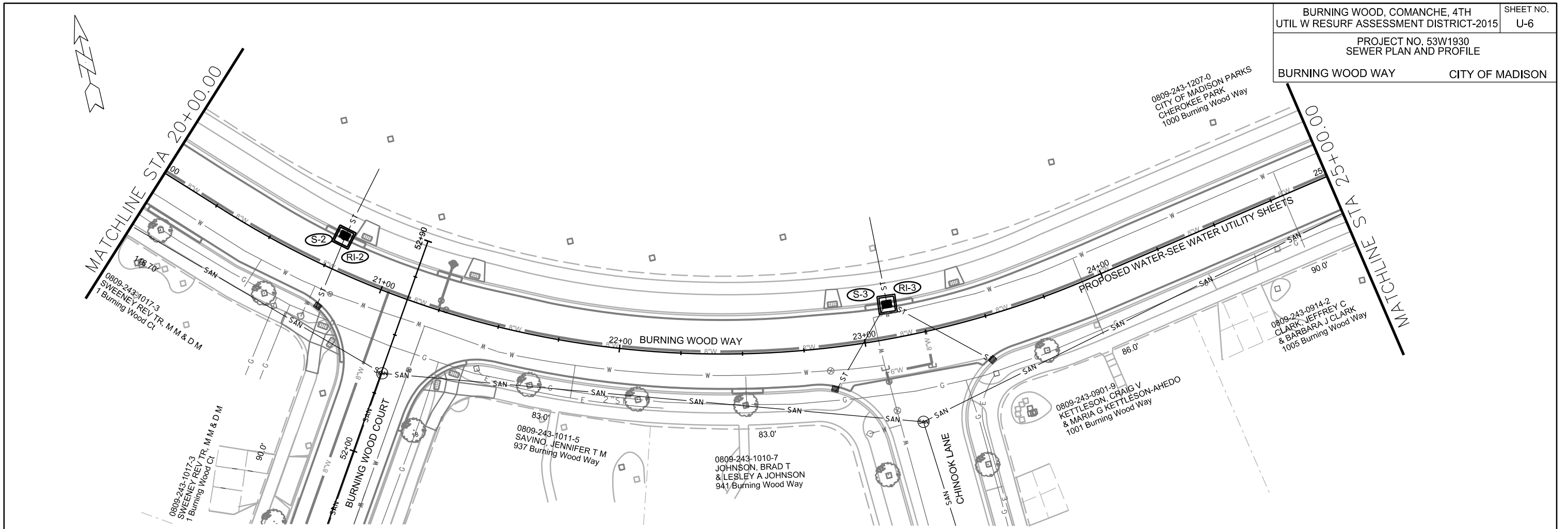
- (1) EXISTING ENDWALL REMOVAL INCLUDED IN PIPE REMOVAL
- (2) PLAN LENGTH IS ACTUAL PIPE LENGTH (ENDWALL NOT INCLUDED)
- (3) STATION AND OFFSET GIVEN TO END OF APRON



PLOT SCALE: _____
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 ORIGINATOR: CITY OF MADISON, STREETS DIVISION

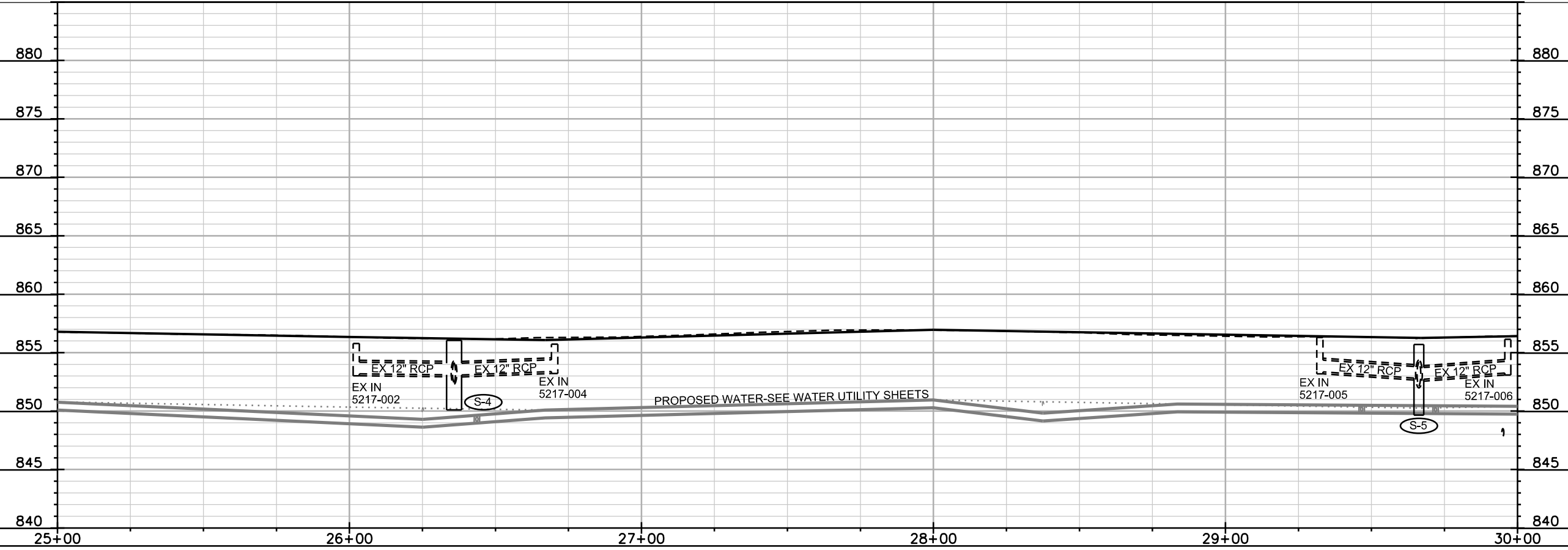
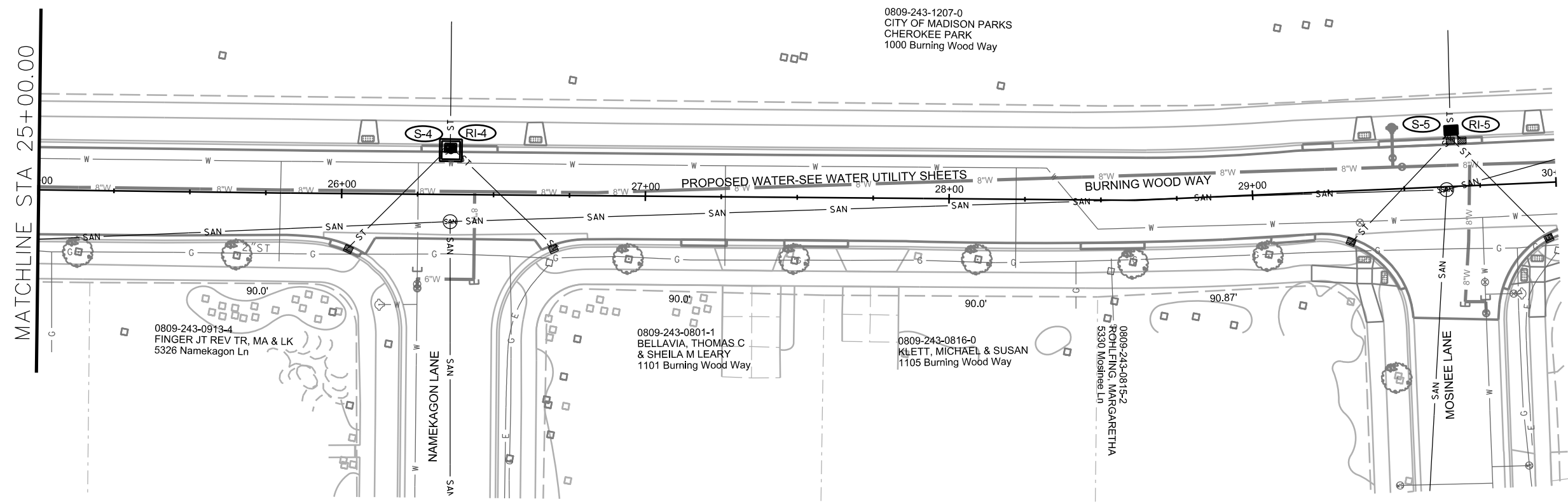


PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

STORM SEWER SCHEDULE

ALIGNMENT CODES:

'BW'= BURNING WOOD

BURNING WOOD, COMANCHE, 4TH UTIL W RESURF ASSESSMENT DISTRICT-2015	SHEET NO. U-8
PROJECT NO. 53W1930	
BURNING WOOD STORM SEWER SCHEDULE	CITY OF MADISON

STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
S-1	11'BW'+45.87	LT-15.00	6X6 CATCHBASIN	857.55	854.00	3.55	W/ ONE R-3067-7004-V; (1) (2)(4)
S-2	20'BW'+77.51	LT-15.00	6X6 CATCHBASIN	858.61	855.35	3.26	W/ ONE R-3067-7004-V; (1) (2)(4)
S-3	23'BW'+11.44	LT-15.00	6X6 CATCHBASIN	857.48	854.33	3.15	W/ ONE R-3067-7004-V; (1) (2)(4)
S-4	26'BW'+35.65	LT-15.00	6X6 CATCHBASIN	856.05	853.05	3.00	LP; W/ ONE R-3067-7004-VB; (1) (2)(4)
S-5	29'BW'+66.22	LT-18.52	TERRACE INLET TYPE 3	855.70	852.00	3.70	LP; PER SDD 5.7.12B; (2) (3)

STORM STRUCTURE REMOVALS

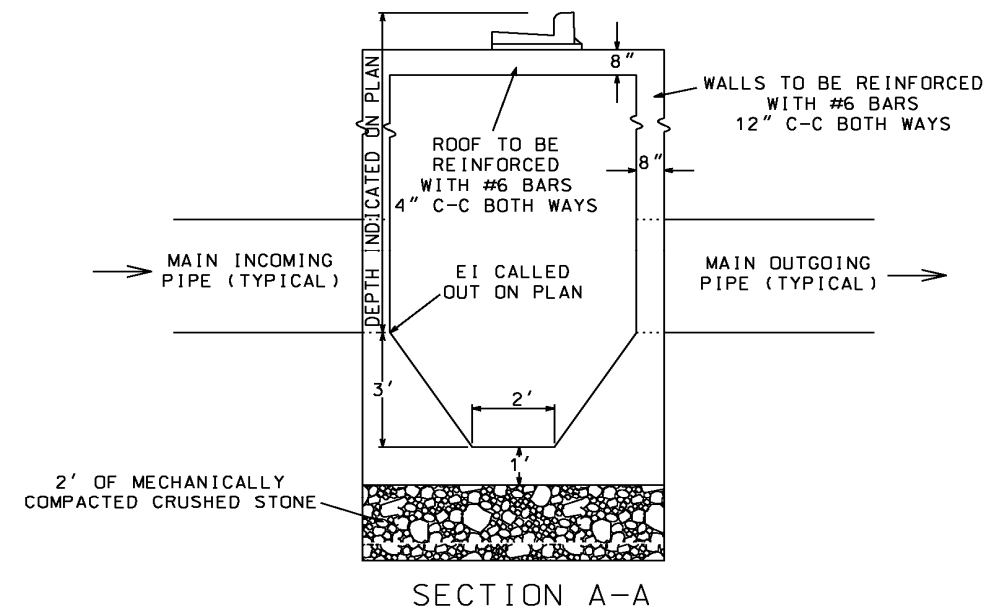
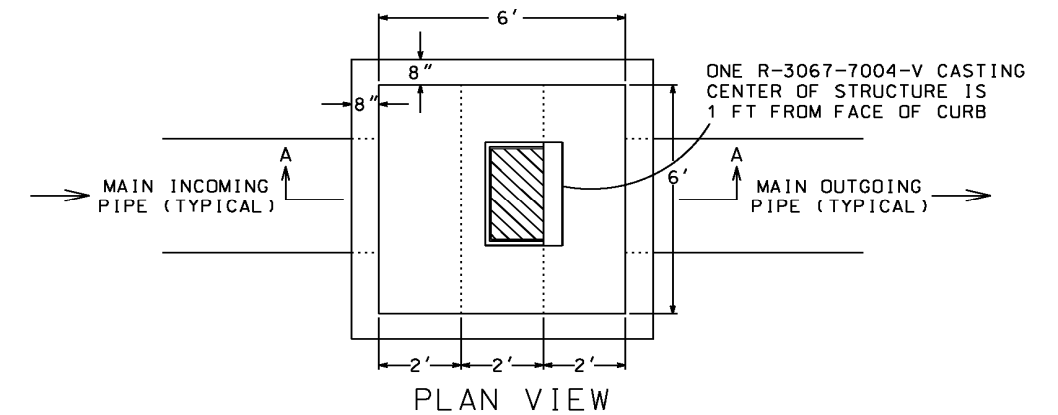
STRUC. NO.	ID NO.	STATION	LOCATION (OFFSET)	TYPE	NOTES
RI-1	IN 5117-001	11'BW'+45.87	LT-14.40	H INLET	-
RI-2	IN 5117-005	20'BW'+77.51	LT-14.40	H INLET	-
RI-3	IN 5117-009	23'BW'+11.44	LT-14.40	H INLET	-
RI-4	IN 5217-003	26'BW'+35.65	LT-14.40	H INLET	-
RI-5	IN 5217-007	29'BW'+65.86	LT-14.40	DOUBLE H INLET	PAID AS 2 REMOVE INLET

ULO SCHEDULE

ID NO.	STATION	LOCATION (OFFSET)	TYPE	NOTES
ULO-1	11'BW'+45.87	LT-14.40	GAS	-

SPECIFIC NOTES

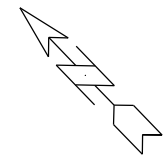
- (1) CENTER OF STRUCTURE IS 1.0 FT FROM FACE OF CURB.
- (2) WITH 3 FT SUMP BELOW INVERT
- (3) CASTING IS 0.2 FT BELOW TOP OF CURB TC=855.90; PER SDD 5.7.12B
- (4) SEE DETAIL ON THIS SHEET



STORM SEWER
6' X 6' CATCH BASIN

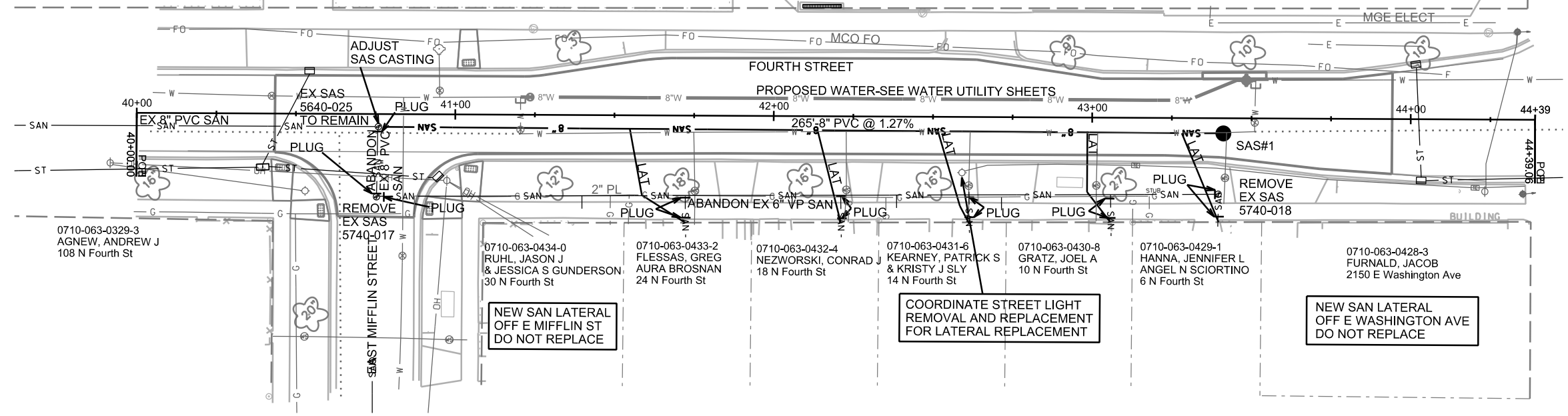
STANDARD NOTES:

- 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
- 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 ELIA E. ACOSTA OF CITY ENGINEERING AT (608) 266-4096 FOR PRECAST APPROVALS, OR FAX SHOP DRAWINGS TO (608)264-9275.



0710-064-2413-0
 MADISON METRO SCHOOL DIST
 EAST HIGH SCHOOL
 2222 E Washington Ave

CONTRACTOR SHALL REM & REP
 SIDEWALK & CURB AS NEEDED FOR LATERALS
 (MAX. OF 4 SW SQUARES PER LATERAL &
 20 FEET OF CURB & GUTTER)



0710-063-0329-3
 AGNEW, ANDREW J
 108 N Fourth St

0710-063-0434-0
 RUHL, JASON J
 & JESSICA S GUNDERSON
 30 N Fourth St

0710-063-0433-2
 FLESSAS, GREG
 AURA BROSANAN
 24 N Fourth St

0710-063-0432-4
 NEZWORSKI, CONRAD J
 18 N Fourth St

0710-063-0431-6
 KEARNEY, PATRICK S
 & KRISTY J SLY
 14 N Fourth St

0710-063-0430-8
 GRATZ, JOEL A
 10 N Fourth St

0710-063-0429-1
 HANNA, JENNIFER L
 ANGEL N SCIORTINO
 6 N Fourth St

0710-063-0428-3
 FURNALD, JACOB
 2150 E Washington Ave

NEW SAN LATERAL
 OFF E MIFFLIN ST
 DO NOT REPLACE

COORDINATE STREET LIGHT
 REMOVAL AND REPLACEMENT
 FOR LATERAL REPLACEMENT

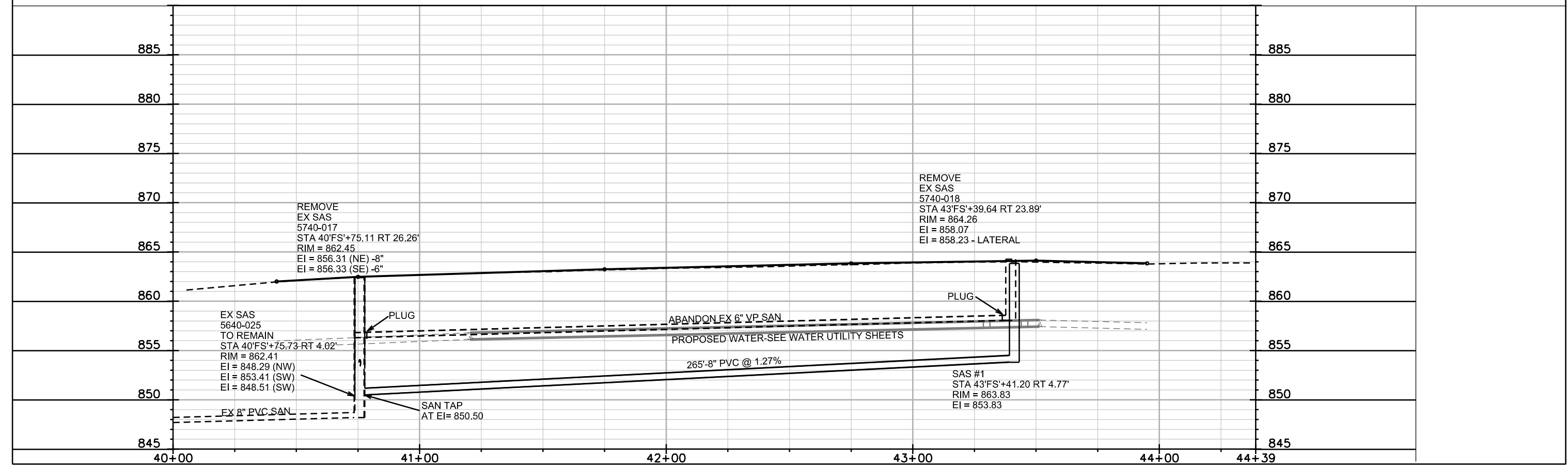
NEW SAN LATERAL
 OFF E WASHINGTON AVE
 DO NOT REPLACE

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



REMOVE
 EX SAS
 5740-017
 STA 40'FS'+75.11 RT 26.26'
 RIM = 862.45
 EI = 856.31 (NE) -8"
 EI = 856.33 (SE) -6"

EX SAS
 5640-025
 TO REMAIN
 STA 40'FS'+75.73 RT 4.02'
 RIM = 862.41
 EI = 848.29 (NW)
 EI = 853.41 (SW)
 EI = 848.51 (SW)

REMOVE
 EX SAS
 5740-018
 STA 43'FS'+39.64 RT 23.89'
 RIM = 864.26
 EI = 858.07
 EI = 858.23 - LATERAL

SAS #1
 STA 43'FS'+41.20 RT 4.77'
 RIM = 863.83
 EI = 853.83

SANITARY SCHEDULE

ALIGNMENT CODES:

'FS'= FOURTH STREET

BURNING WOOD, COMANCHE, 4TH UTIL W RESURF ASSESSMENT DISTRICT-2015	SHEET NO. U-10
PROJECT NO. 53W1930	
N FOURTH ST SANITARY SEWER SCHEDULE	CITY OF MADISON

PROPOSED SANITARY STRUCTURES

SAS NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH	NOTES
SAS#1	43'FS'+41.20	RT-4.77	863.83	853.83	10.00	-

PROPOSED SANITARY PIPES

FROM SAS (DWNSTRM)	TO SAS (UPSTREAM)	EI # (DWNSTRM)	EI # (UPSTRM)	PLAN LGTH (FT)	SLOPE (%)	SIZE (DIA)	PVC TYPE	NOTES
EX SAS 5640-025	SAS#1	850.50	853.83	265	1.27%	8"	SDR-35	-

REMOVE SANITARY SEWER STRUCTURE

STRUCTURE ID NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH	NOTES
EX SAS 5740-017	40'FS'+75.11	RT-26.26	862.45	856.31	6.14	-
EX SAS 5740-018	43'FS'+39.64	RT-23.89	864.26	858.07	6.19	-

ABANDON SANITARY SEWER PIPE

ABANDON FROM	ABANDON TO	LENGTH	SIZE	TYPE	NOTES
EX SAS 5740-017	EX SAS 5740-018	265	6"	VP	PLUGS - INCIDENTAL
EX SAS 5640-025	EX SAS 5740-017	RT-22.00	8"	PVC	PLUGS - INCIDENTAL

PLOT SCALE: ---
 PLOT NAME: ---
 REV. DATE: ---

NOTE:
- USE UTILITY TRENCH PATCH TYPE IV EXCEPT WHERE TYPE III REQ'D BY ENGINEER FOR TRAFFIC CONTROL OR SAFETY
- SAVE EXISTING CURB & GUTTER EXCEPT WHERE REPLACEMENT IS SHOWN

NO SERVICE WORK REQ'D
0809-243-0101-5
CITY OF MADISON PARKS
CHEROKEE MARSH SCHOOL
1302 Wheeler Rd

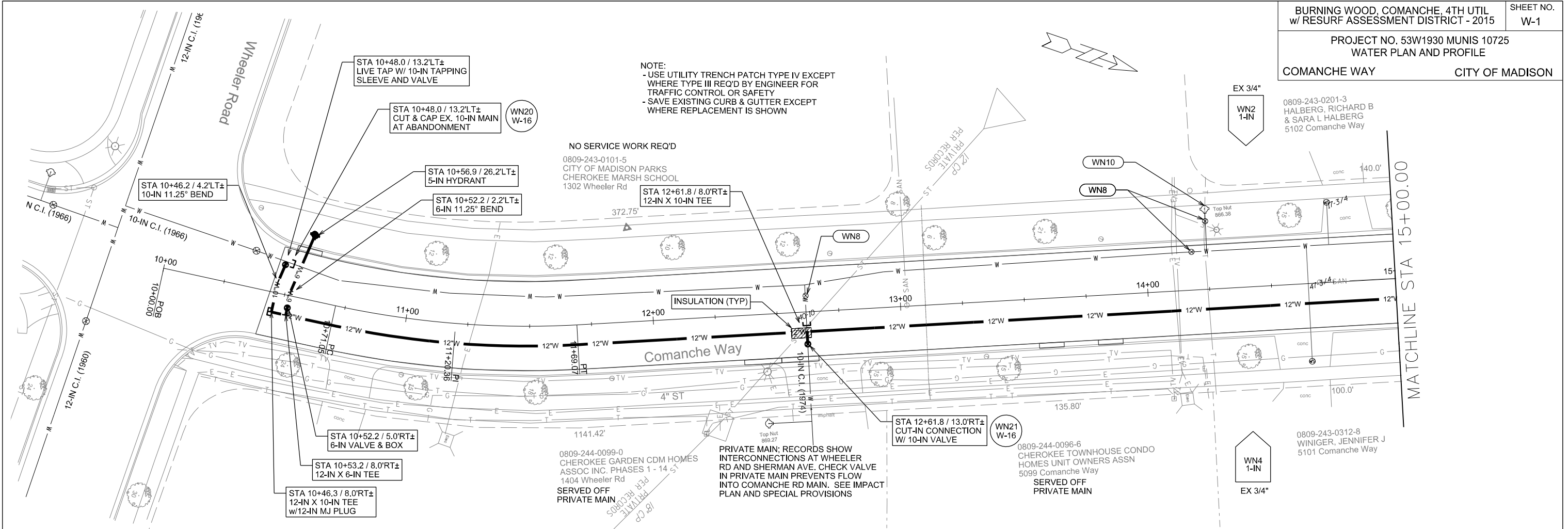
0809-244-0099-0
CHEROKEE GARDEN CDM HOMES
ASSOC INC. PHASES 1 - 14 ST
1404 Wheeler Rd
SERVED OFF
PRIVATE MAIN

PRIVATE MAIN: RECORDS SHOW
INTERCONNECTIONS AT WHEELER
RD AND SHERMAN AVE. CHECK VALVE
IN PRIVATE MAIN PREVENTS FLOW
INTO COMANCHE RD MAIN. SEE IMPACT
PLAN AND SPECIAL PROVISIONS

0809-244-0096-6
CHEROKEE TOWNHOUSE CONDO
HOMES UNIT OWNERS ASSN
5099 Comanche Way
SERVED OFF
PRIVATE MAIN

0809-243-0201-3
HALBERG, RICHARD B
& SARA L HALBERG
5102 Comanche Way

0809-243-0312-8
WINIGER, JENNIFER J
5101 Comanche Way



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

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0809-243-0204-7
THOMPSON REV TR, MARY S
5114 Comanche Way

0809-243-0205-5
SCHWENDEMANN, SCOTT R
& LISA M SCHWENDEMANN
5118 Comanche Way

0809-243-0206-3
DONOVAN, TIMOTHY D
MEI HUNG DONOVAN
5202 Comanche Way

0809-243-0207-1
DEDEE, EDWARD A
GAIL E DEDEE
5206 Comanche Way

SEE SERVICE
WORK ON W-1
0809-243-0201-3
HALBERG, RICHARD B
& SARA L HALBERG
5102 Comanche Way

0809-243-0202-1
SIMMS, MURIEL L
5106 Comanche Way

0809-243-0310-2
DECHANT, ROBERT & KAREN
5109 Comanche Way

0809-243-0309-5
FORD, PAUL R
& JANET S FORD
5113 Comanche Way

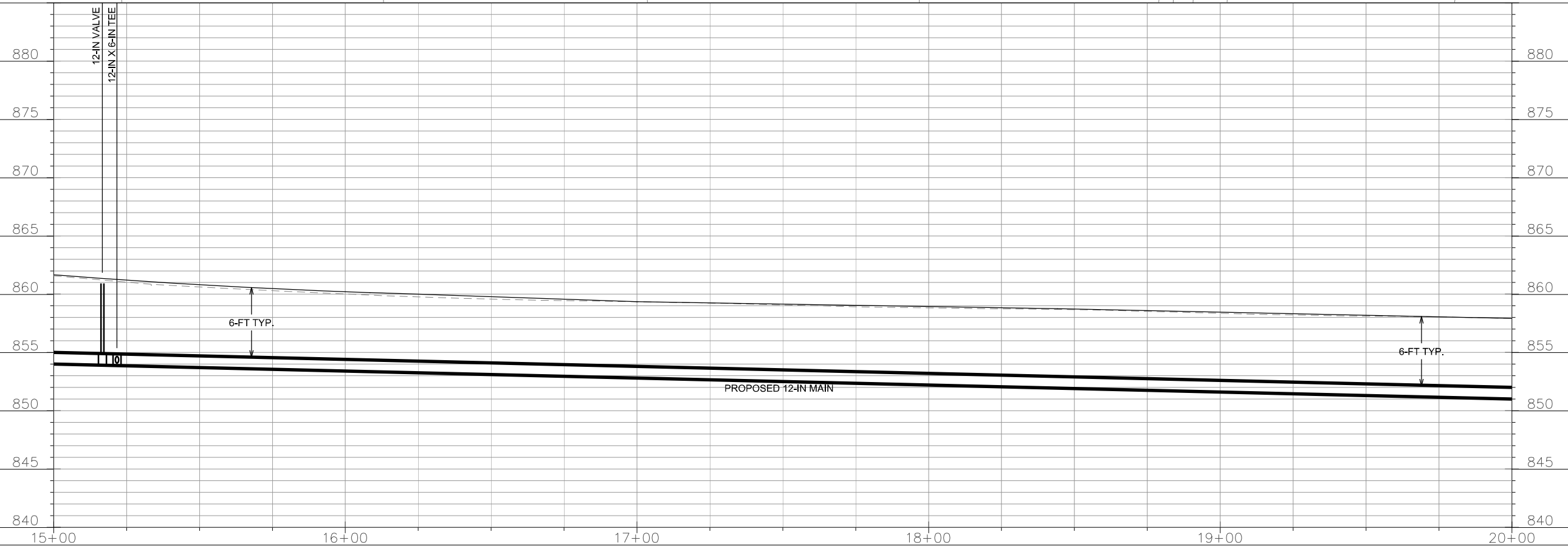
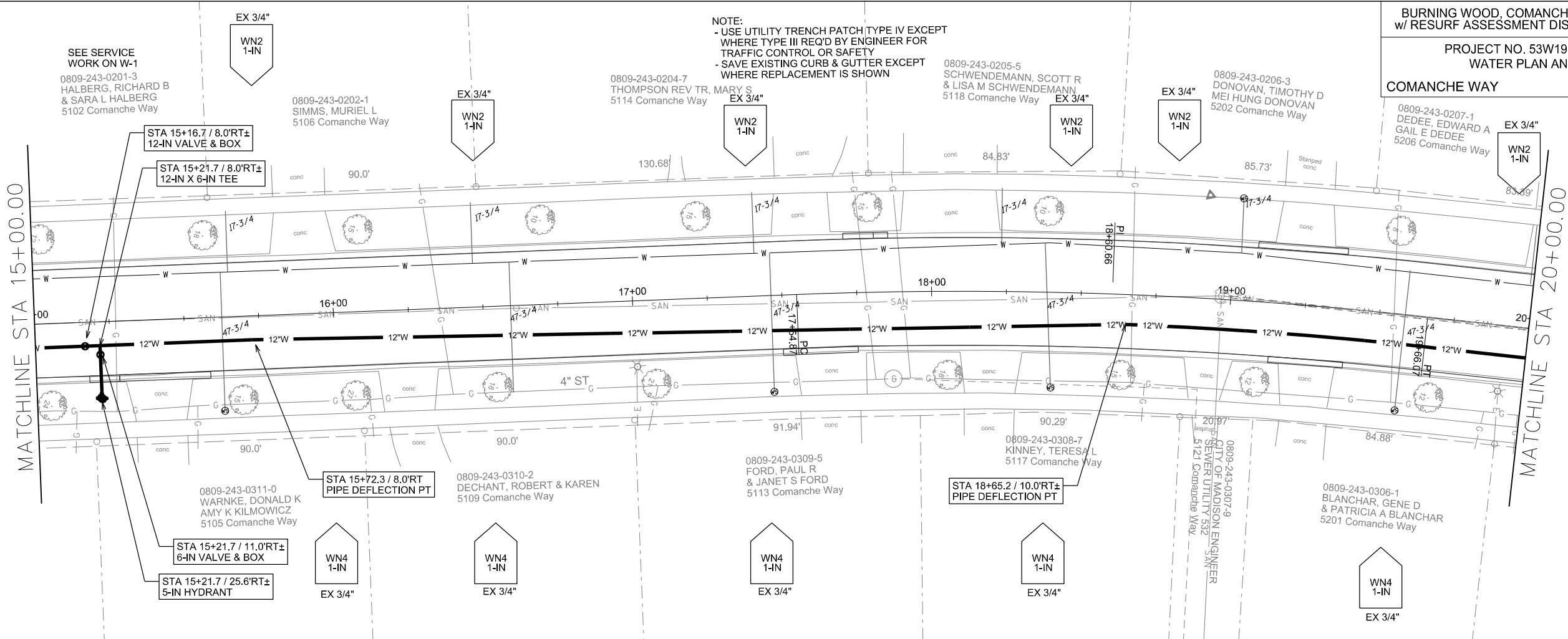
0809-243-0308-7
KINNEY, TERESA L
5117 Comanche Way

0809-243-0306-1
BLANCHAR, GENE D
& PATRICIA A BLANCHAR
5201 Comanche Way

0809-243-0311-0
WARNKE, DONALD K
AMY K KILMOWICZ
5105 Comanche Way

MATCHLINE STA 15+00.00

MATCHLINE STA 20+00.00



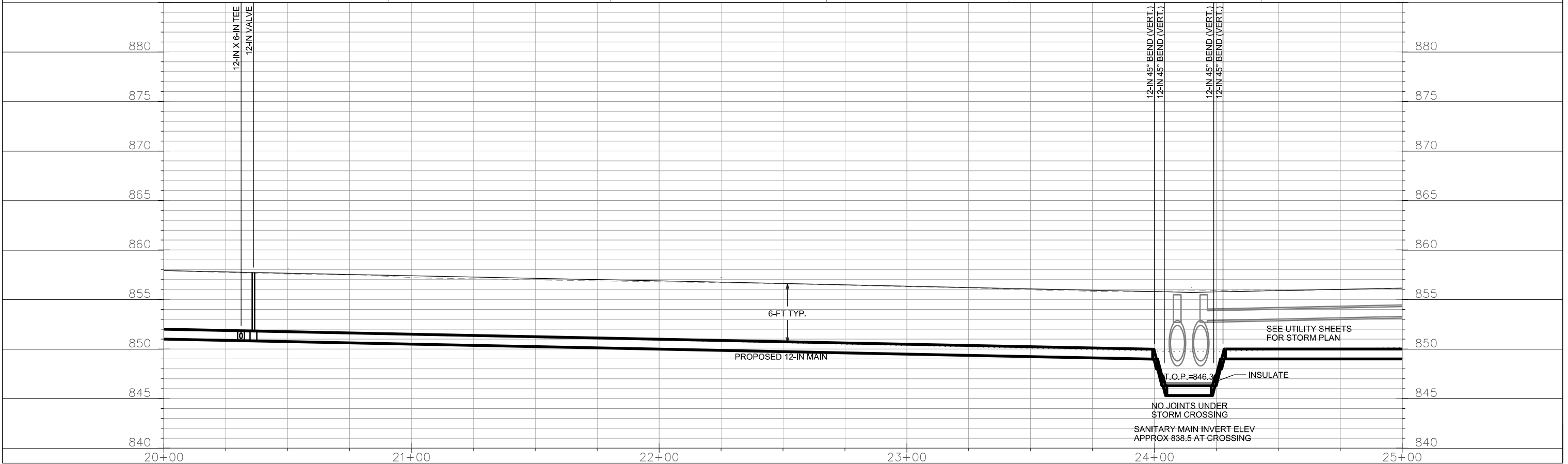
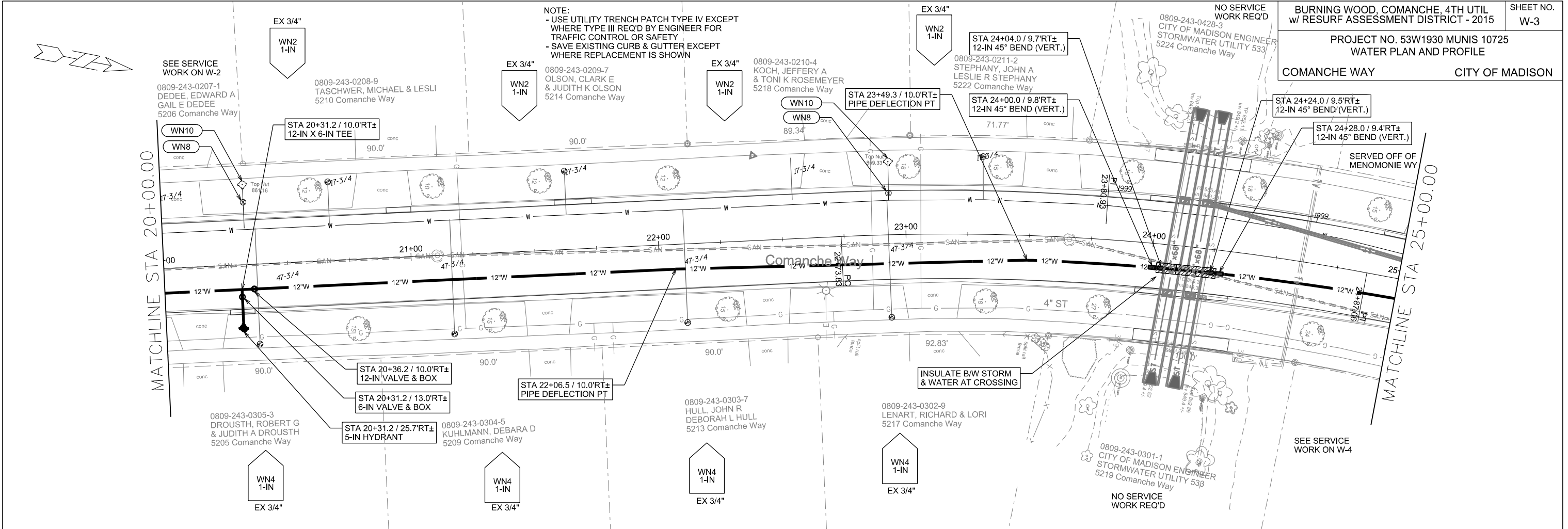
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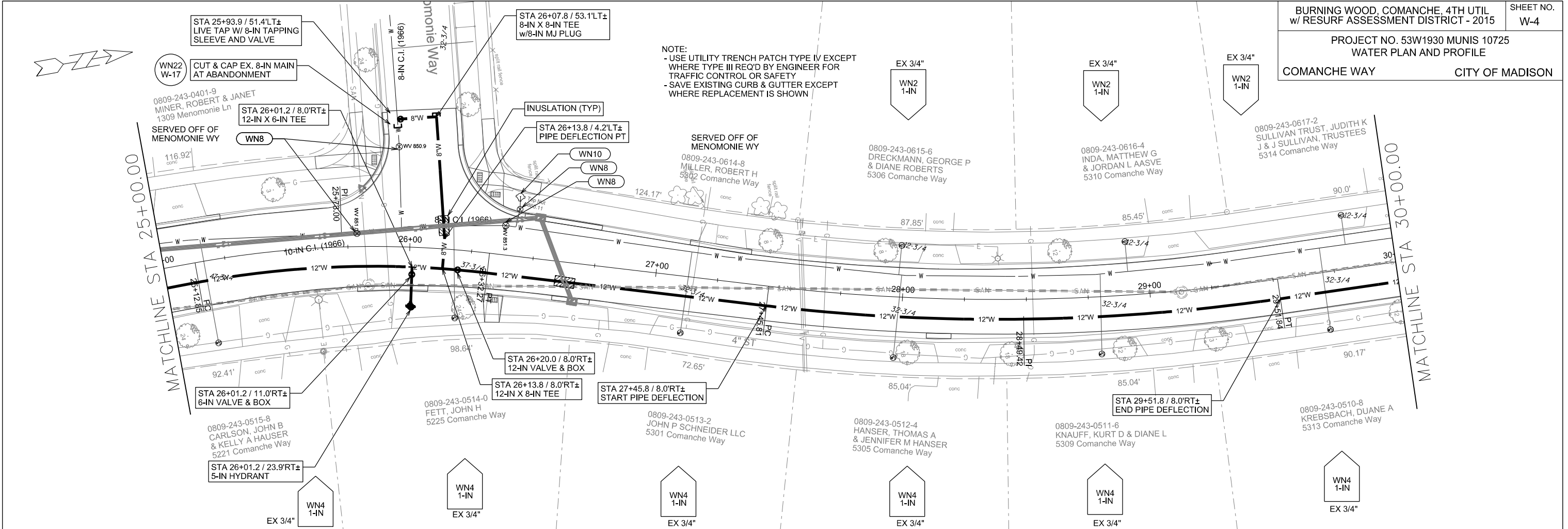
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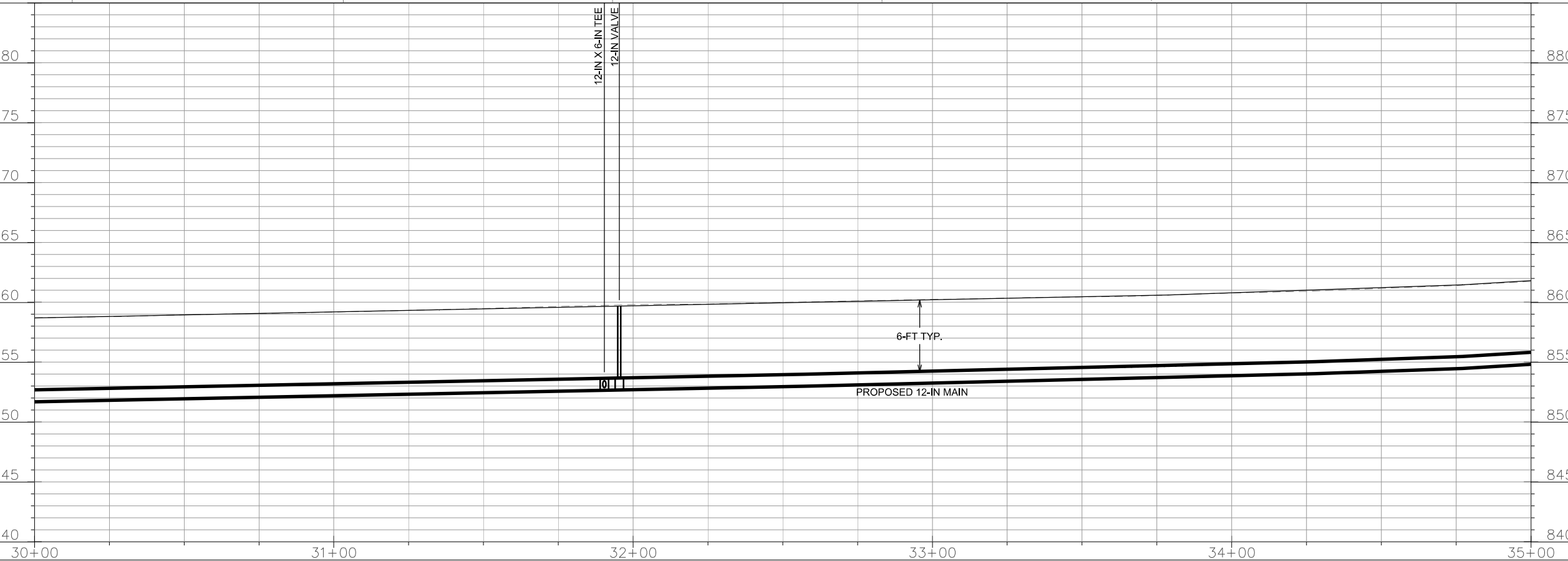
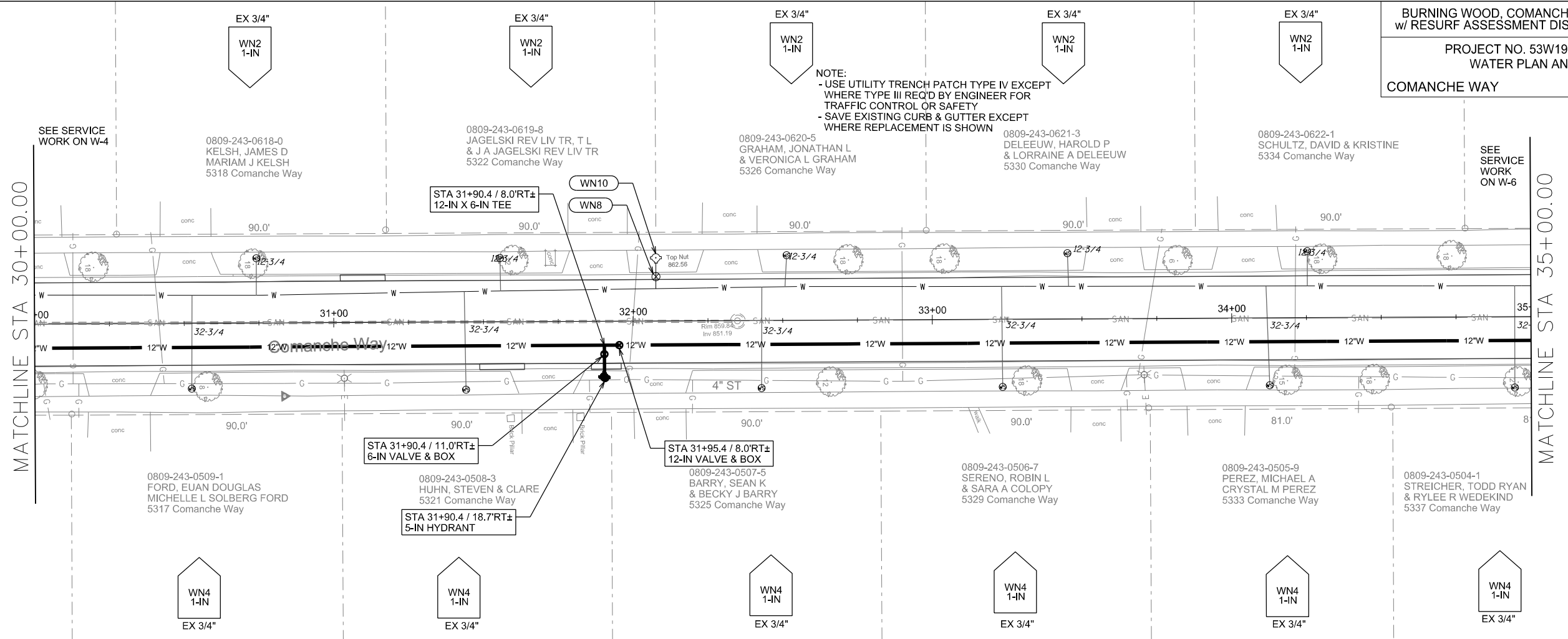
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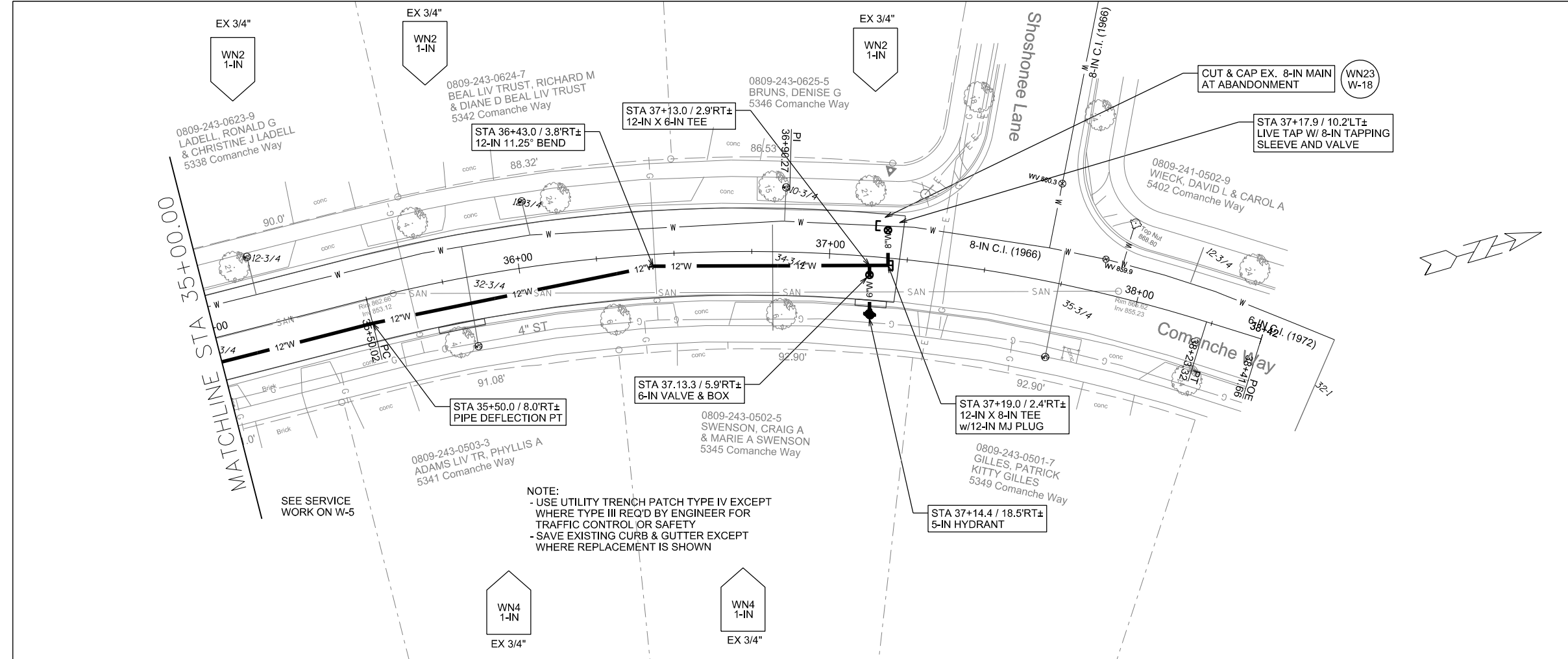


PLOT SCALE:

PLOT NAME:

REV. DATE:

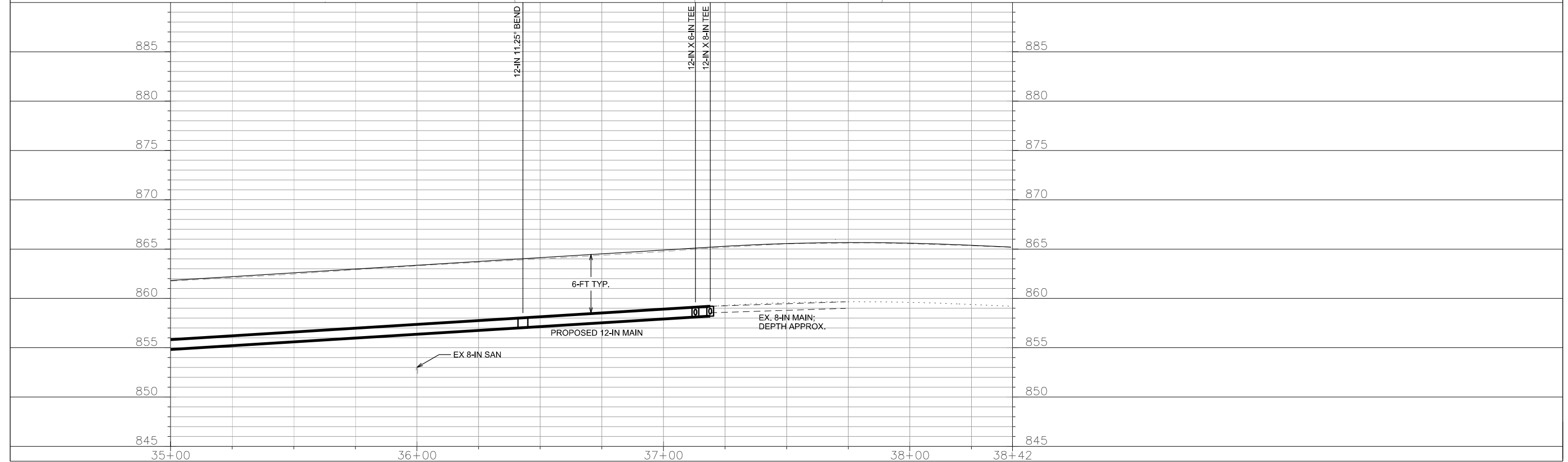
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



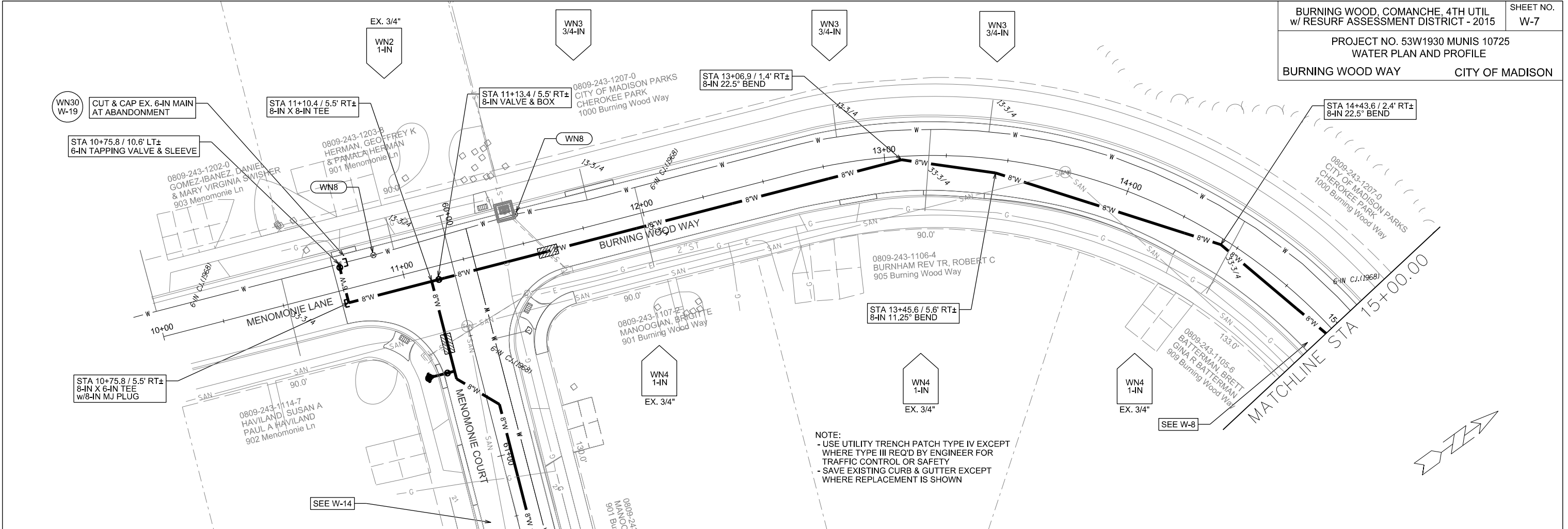
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SEE SERVICE WORK ON W-5

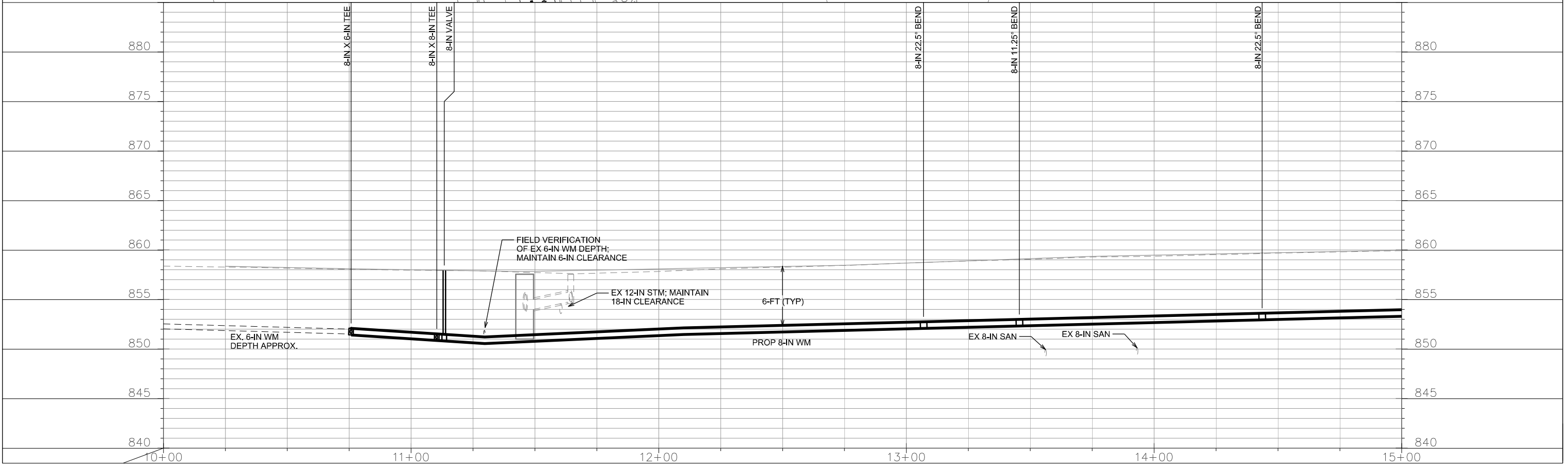
MATCHLINE STA 35+00.00



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

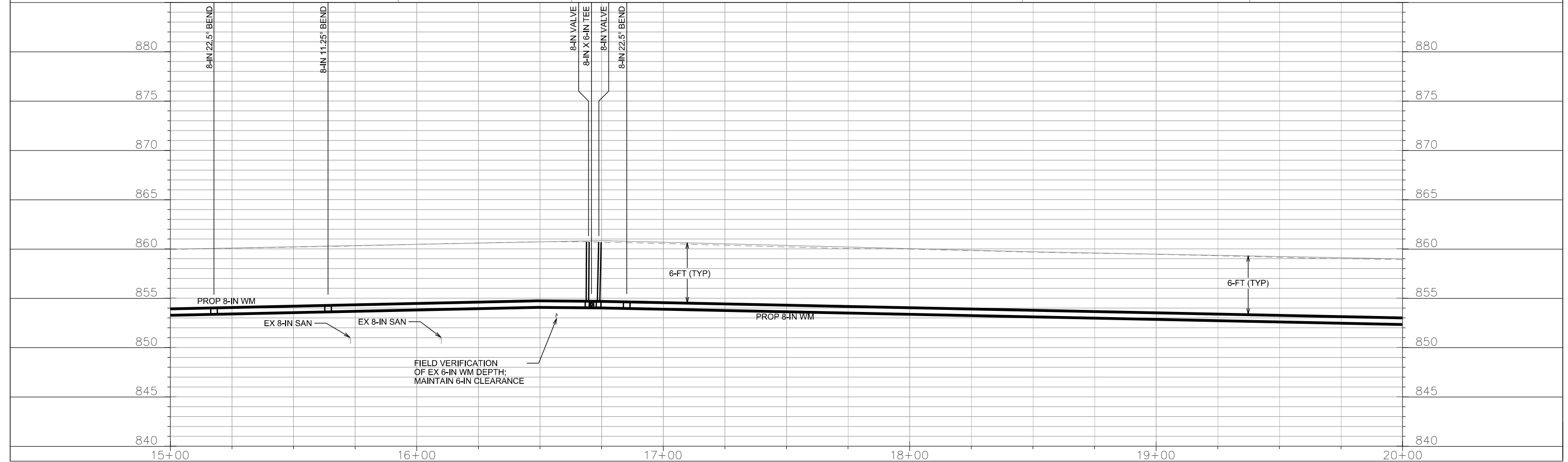
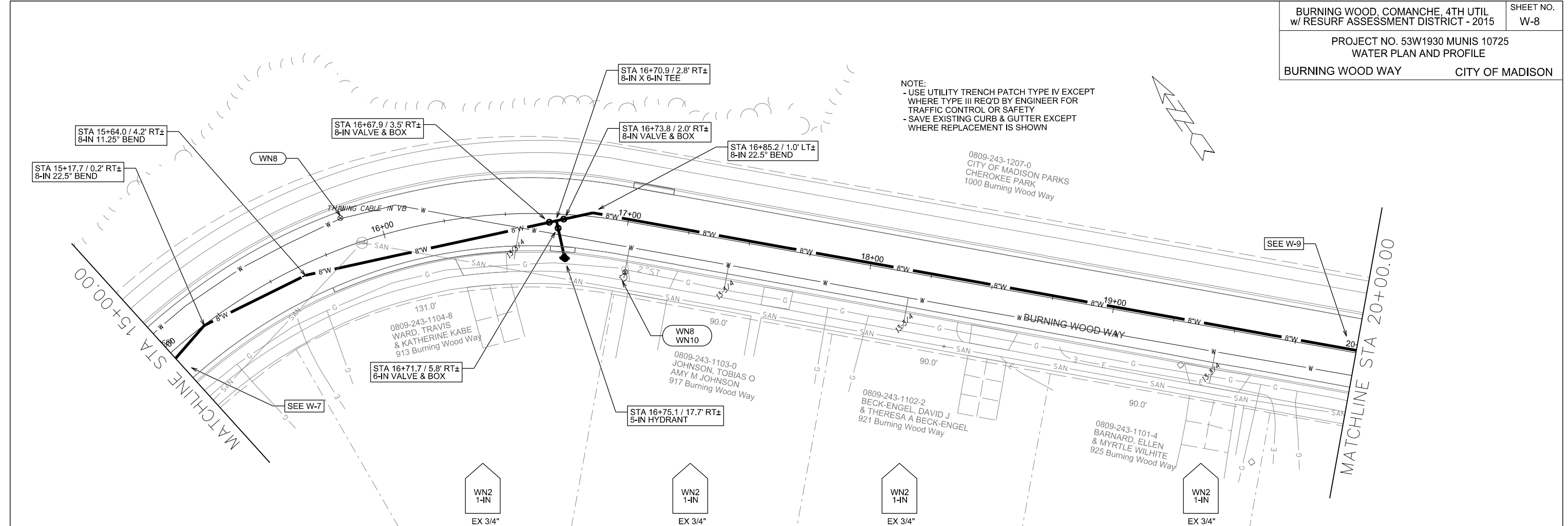
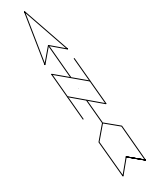


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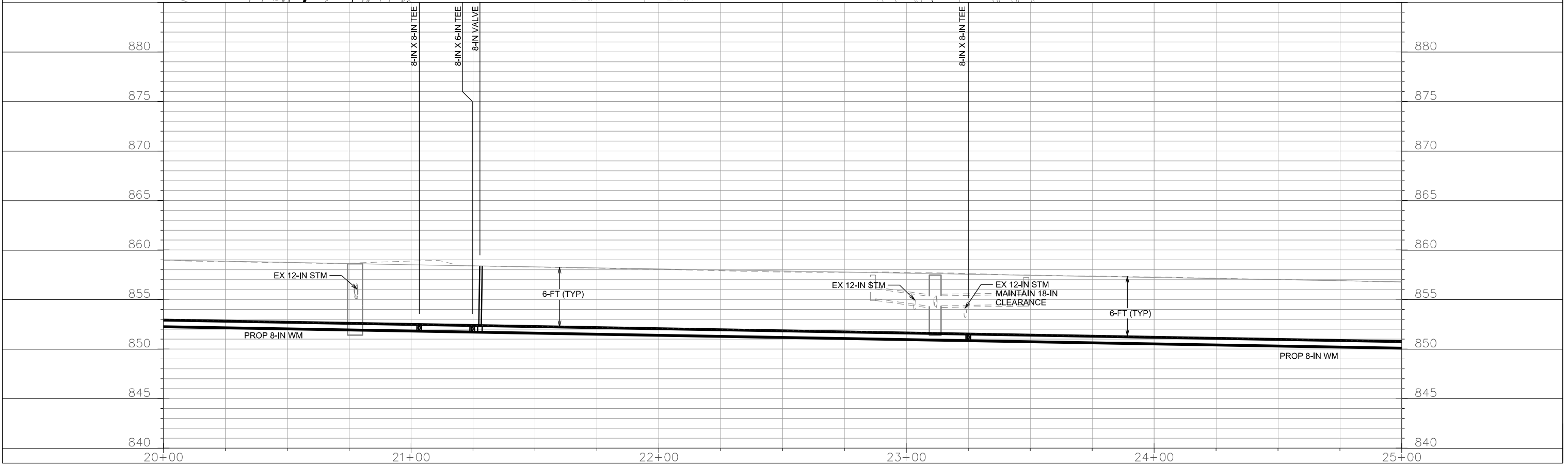
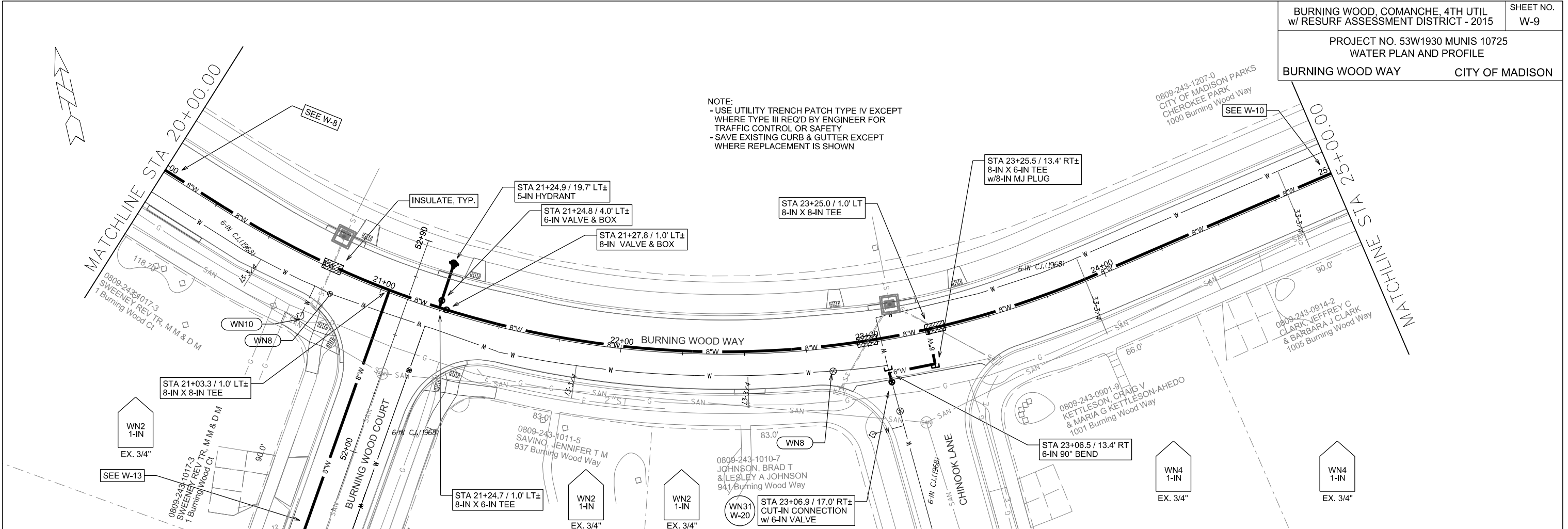
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PLOT SCALE:

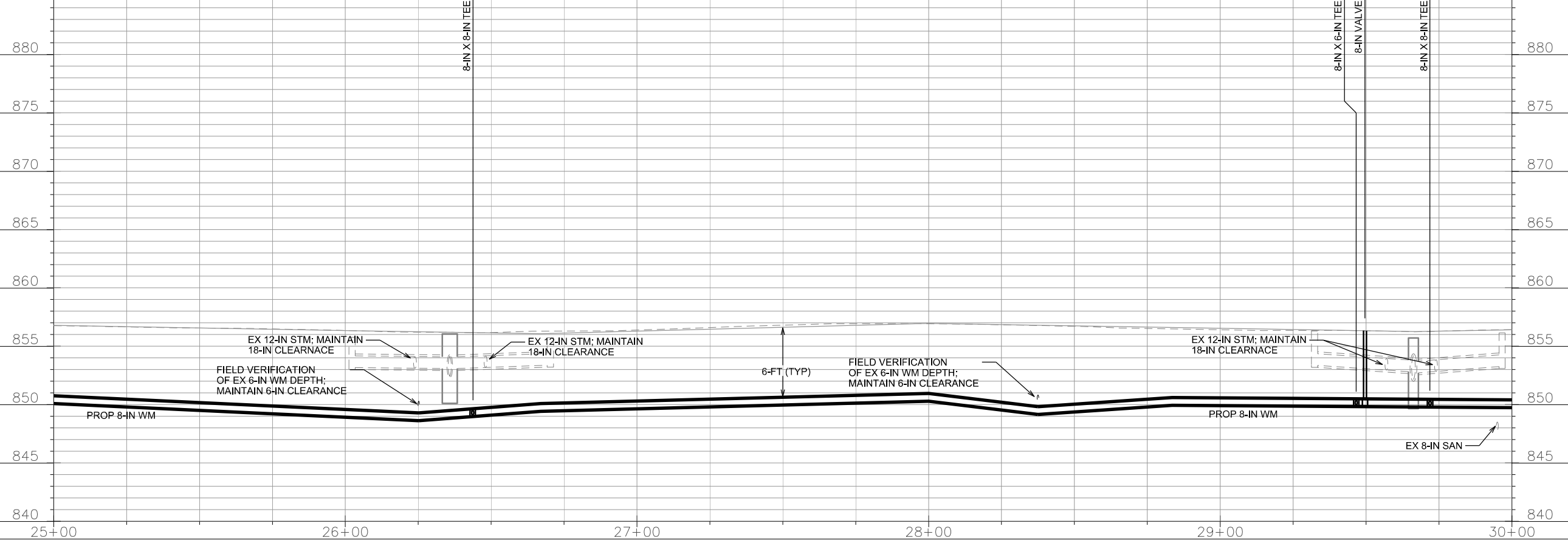
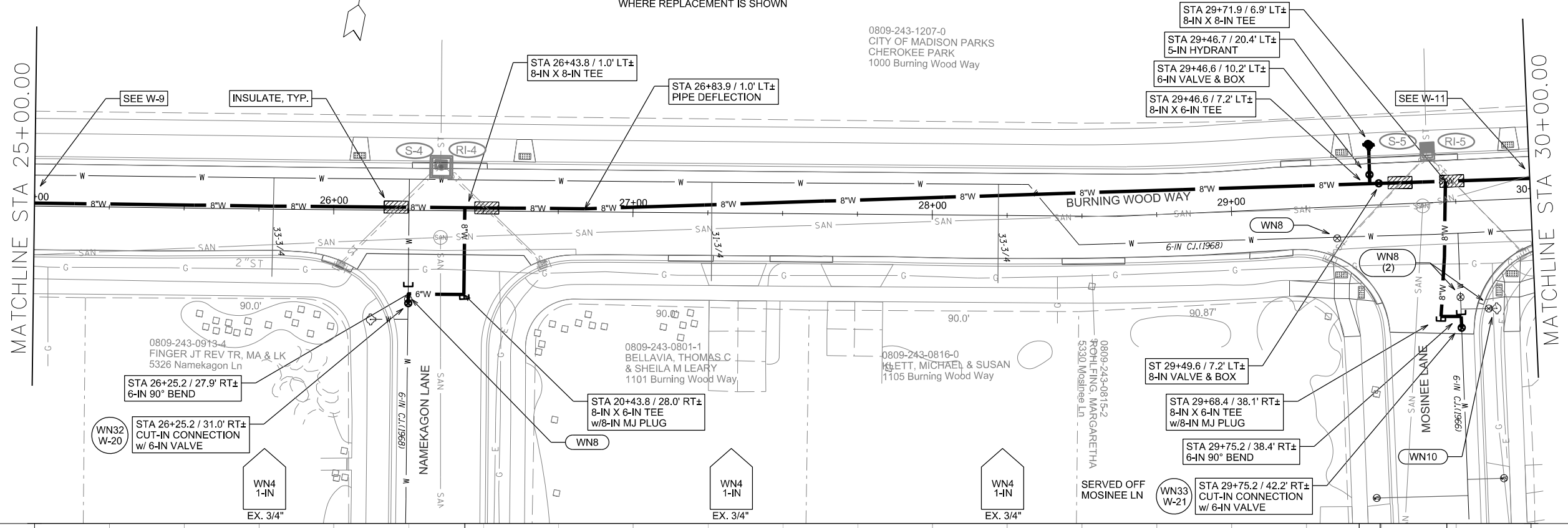
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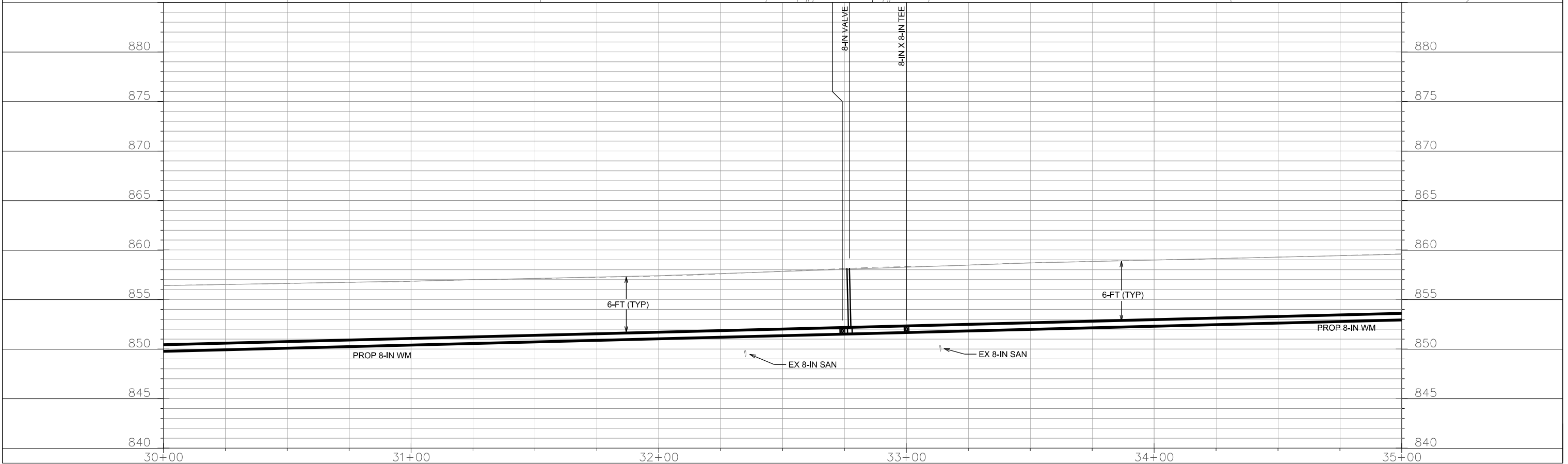
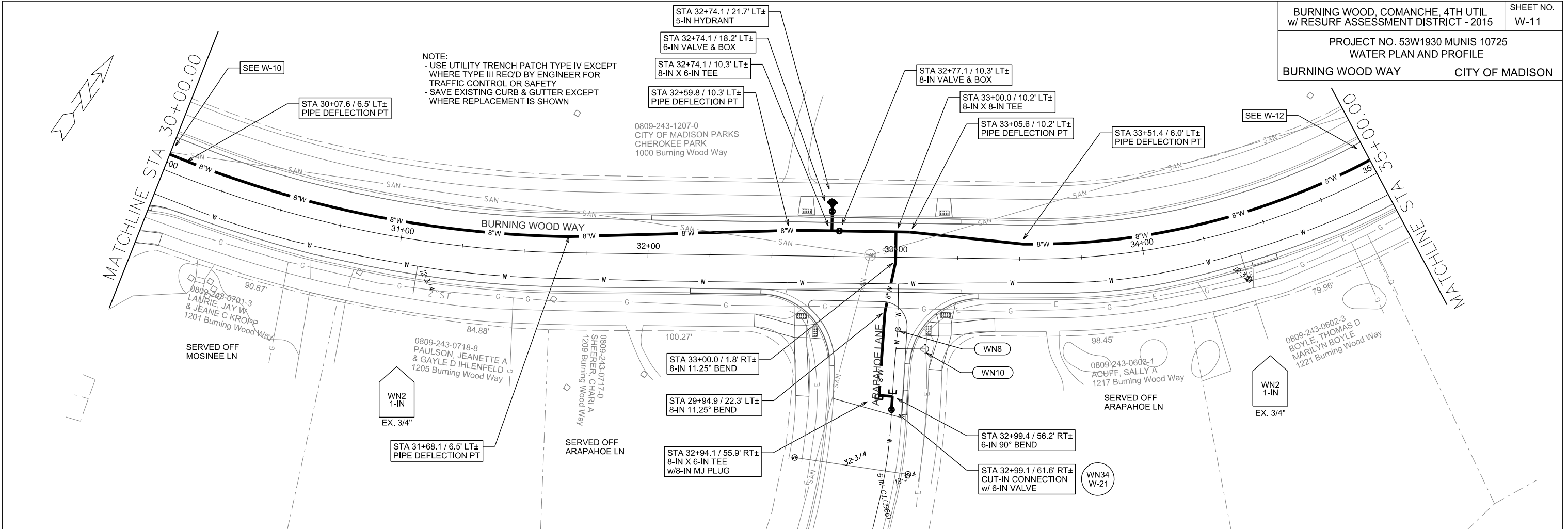
0809-243-1207-0
 CITY OF MADISON PARKS
 CHEROKEE PARK
 1000 Burning Wood Way



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

NOTE:
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0809-243-1207-0
CITY OF MADISON PARKS
CHEROKEE PARK
1000 Burning Wood Way



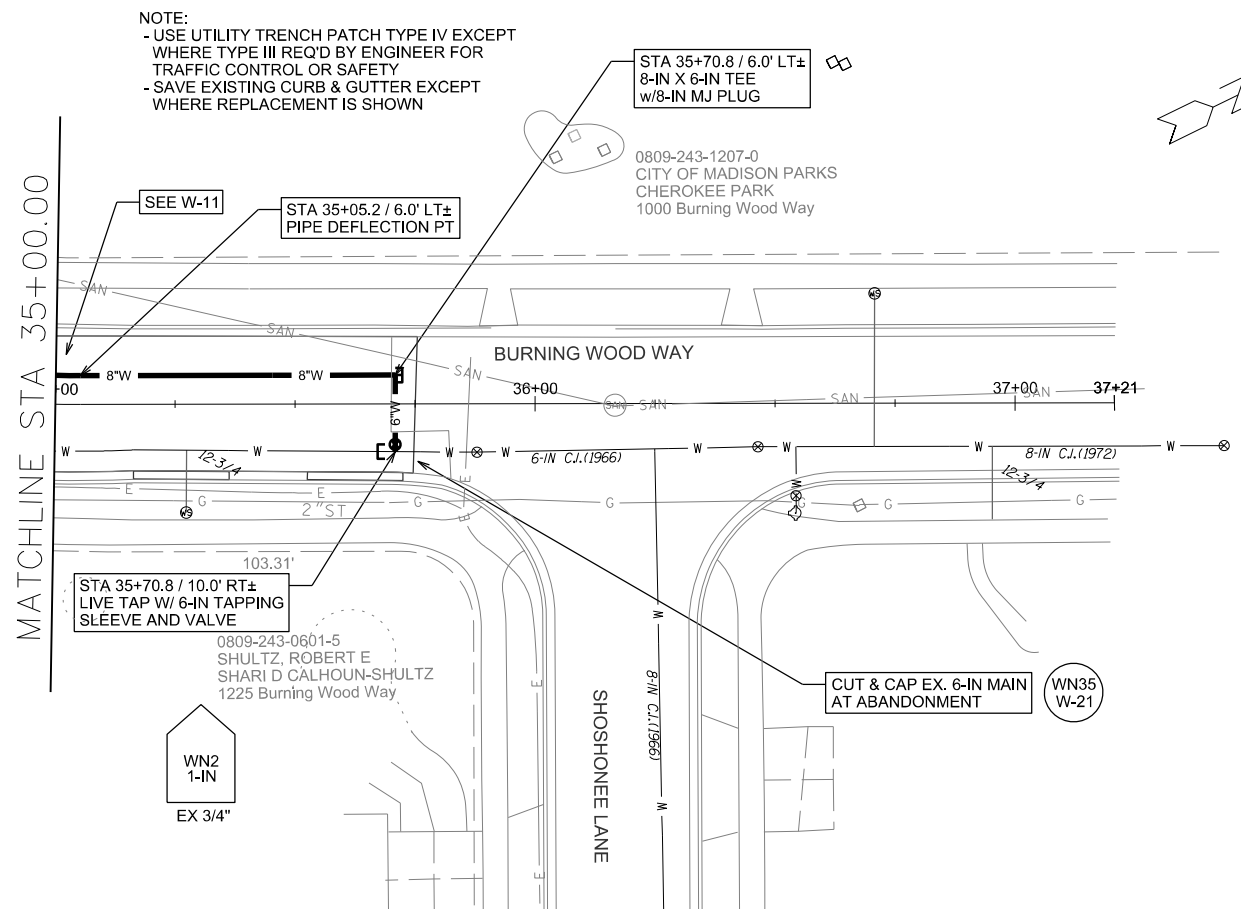
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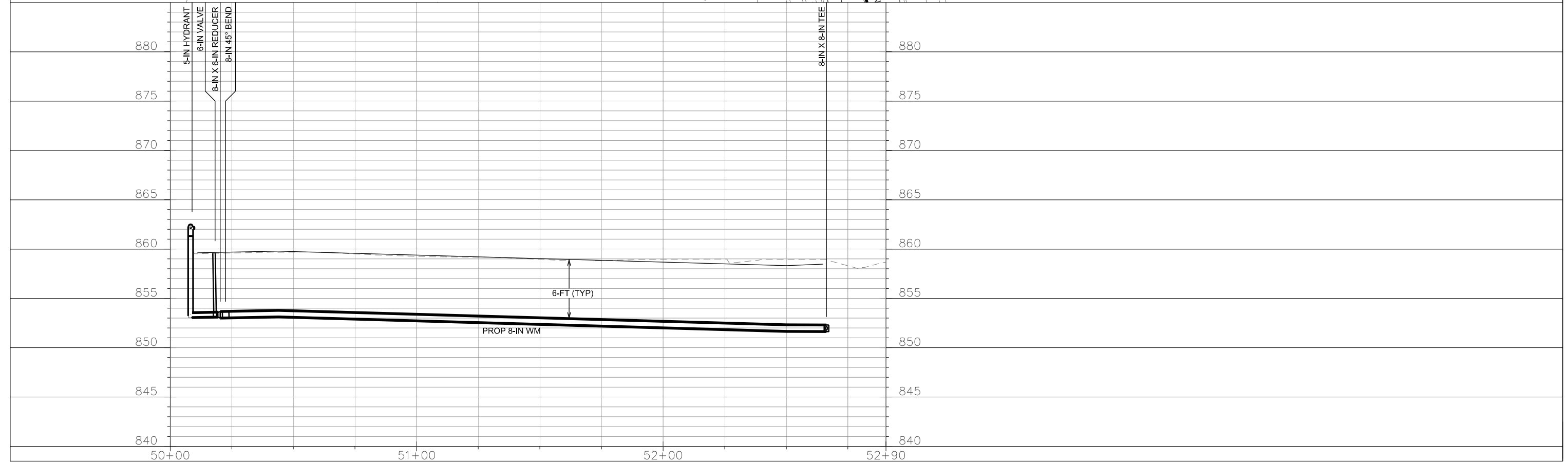
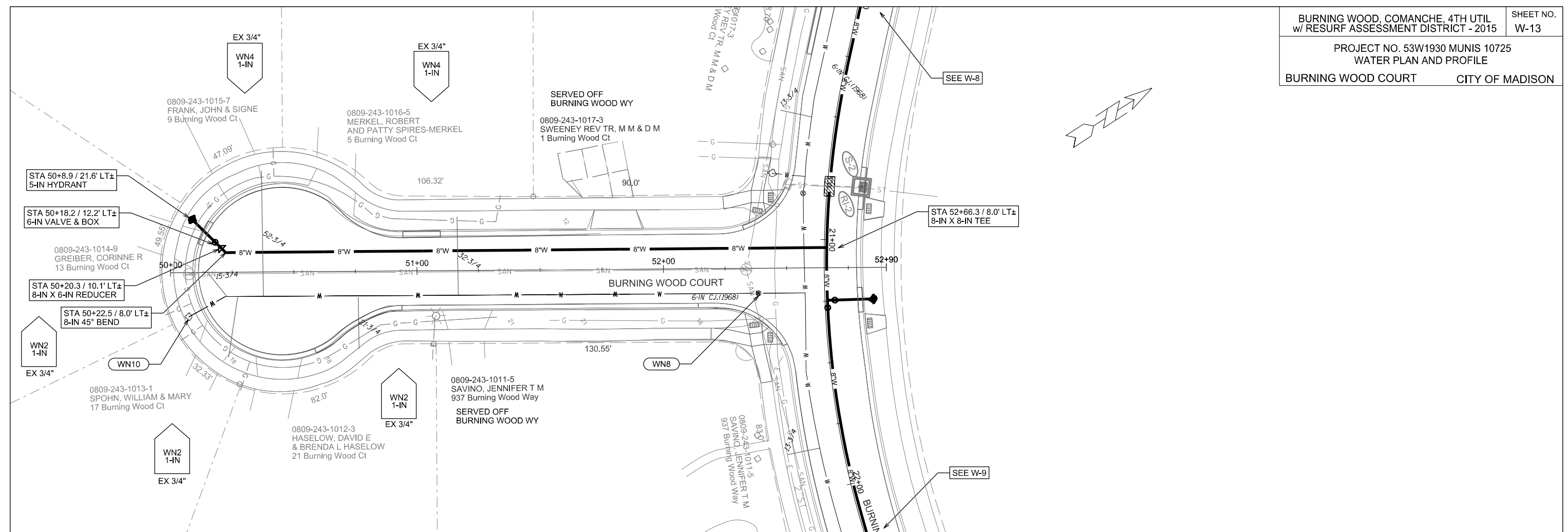
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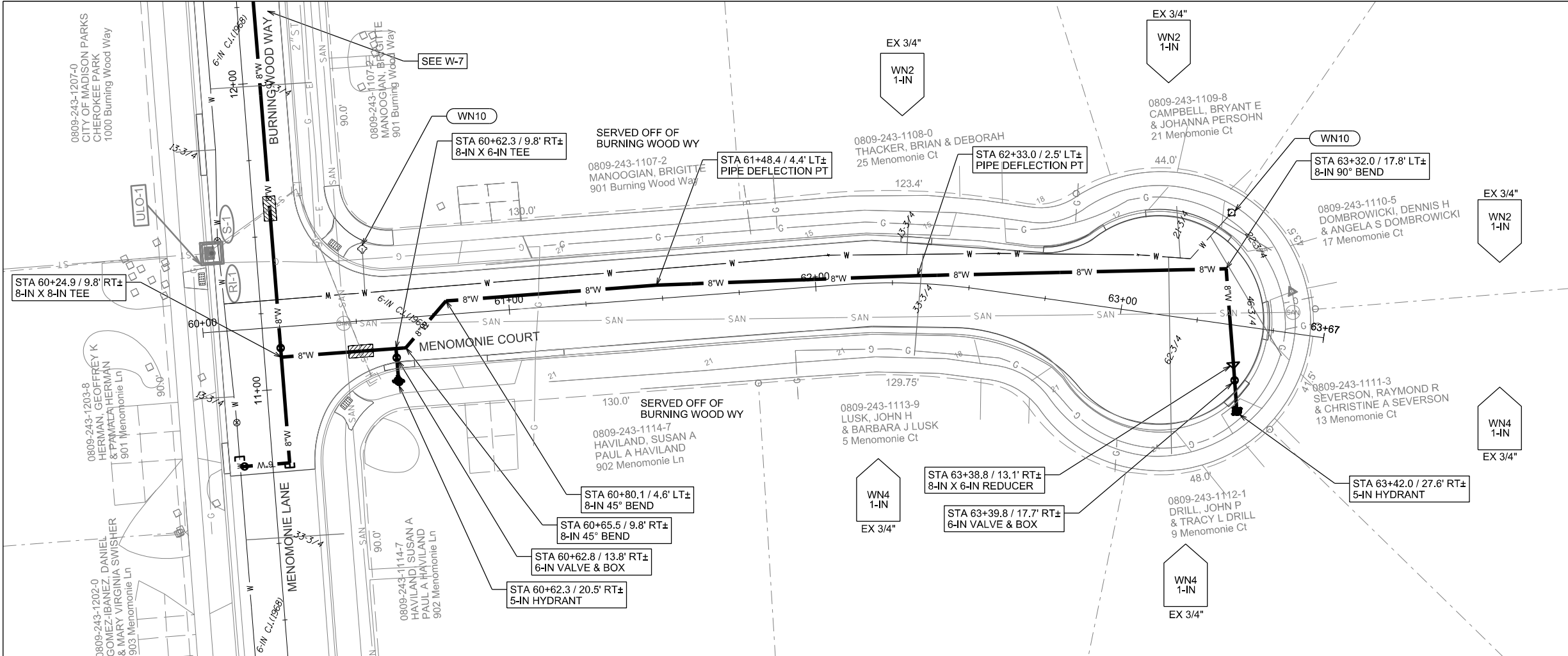


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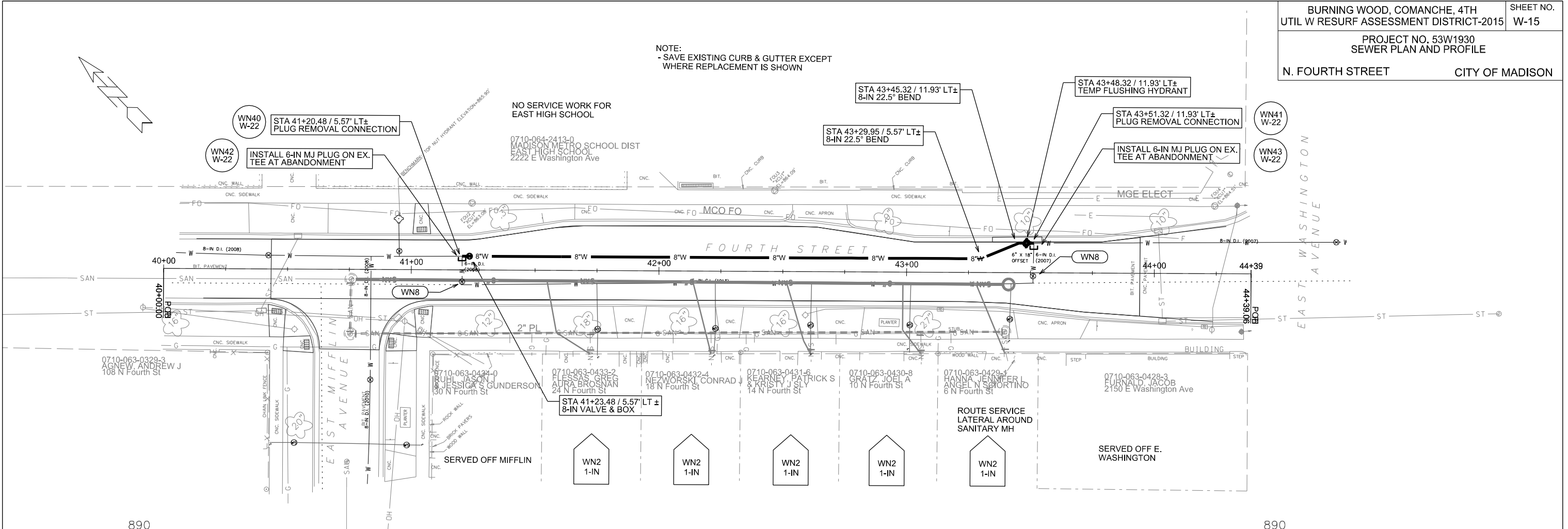
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NOTE:
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 WHERE REPLACEMENT IS SHOWN

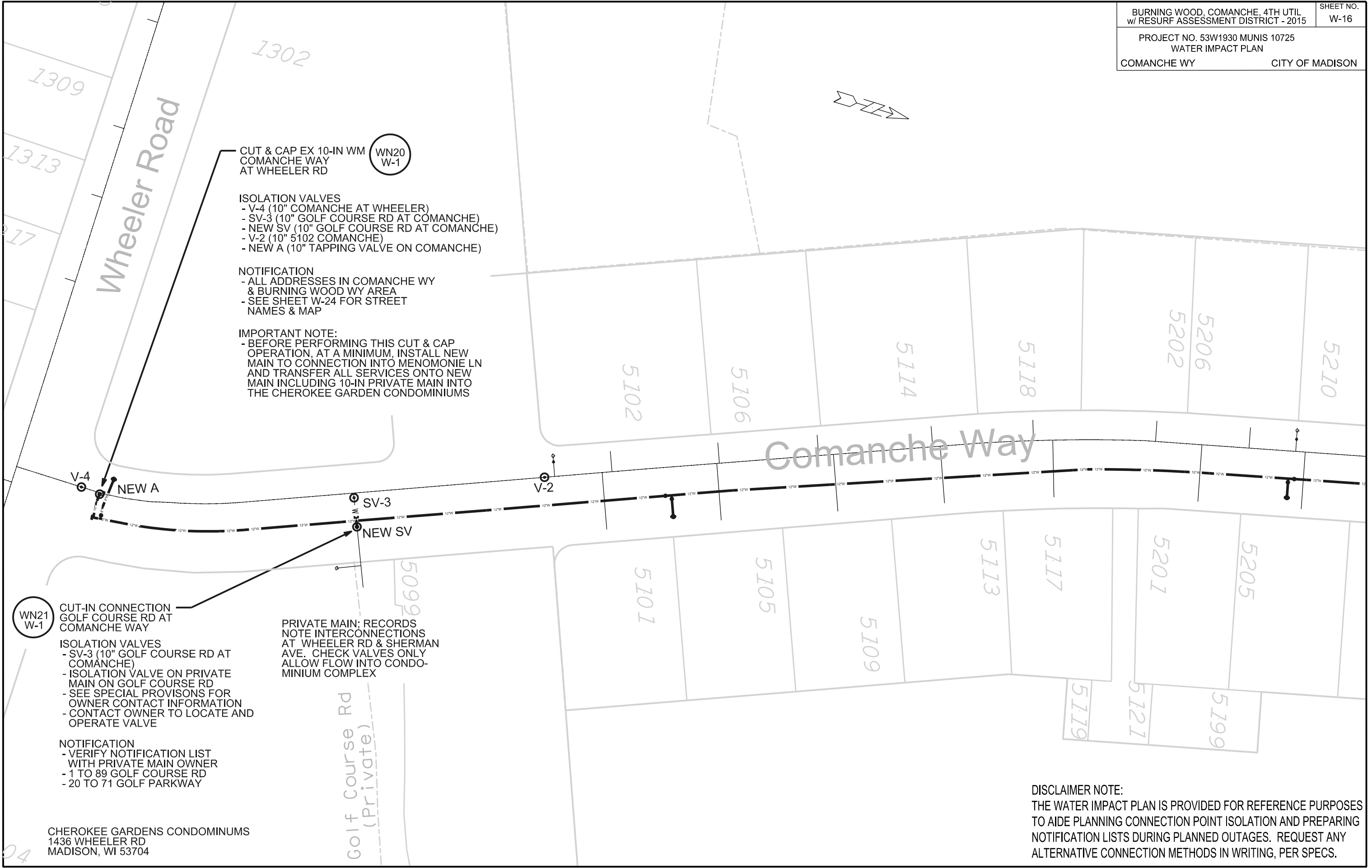


PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



CUT & CAP EX 10-IN WM
COMANCHE WAY
AT WHEELER RD

ISOLATION VALVES
 - V-4 (10" COMANCHE AT WHEELER)
 - SV-3 (10" GOLF COURSE RD AT COMANCHE)
 - NEW SV (10" GOLF COURSE RD AT COMANCHE)
 - V-2 (10" 5102 COMANCHE)
 - NEW A (10" TAPPING VALVE ON COMANCHE)

NOTIFICATION
 - ALL ADDRESSES IN COMANCHE WY
 & BURNING WOOD WY AREA
 - SEE SHEET W-24 FOR STREET
 NAMES & MAP

IMPORTANT NOTE:
 - BEFORE PERFORMING THIS CUT & CAP
 OPERATION, AT A MINIMUM, INSTALL NEW
 MAIN TO CONNECTION INTO MENOMONIE LN
 AND TRANSFER ALL SERVICES ONTO NEW
 MAIN INCLUDING 10-IN PRIVATE MAIN INTO
 THE CHEROKEE GARDEN CONDOMINIUMS

CUT-IN CONNECTION
GOLF COURSE RD AT
COMANCHE WAY

ISOLATION VALVES
 - SV-3 (10" GOLF COURSE RD AT
COMANCHE)
 - ISOLATION VALVE ON PRIVATE
MAIN ON GOLF COURSE RD
 - SEE SPECIAL PROVISIONS FOR
OWNER CONTACT INFORMATION
 - CONTACT OWNER TO LOCATE AND
OPERATE VALVE

PRIVATE MAIN; RECORDS
NOTE INTERCONNECTIONS
AT WHEELER RD & SHERMAN
AVE. CHECK VALVES ONLY
ALLOW FLOW INTO CONDO-
MINIUM COMPLEX

NOTIFICATION
 - VERIFY NOTIFICATION LIST
WITH PRIVATE MAIN OWNER
 - 1 TO 89 GOLF COURSE RD
 - 20 TO 71 GOLF PARKWAY

CHEROKEE GARDENS CONDOMINIUMS
1436 WHEELER RD
MADISON, WI 53704

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

PLOT SCALE:

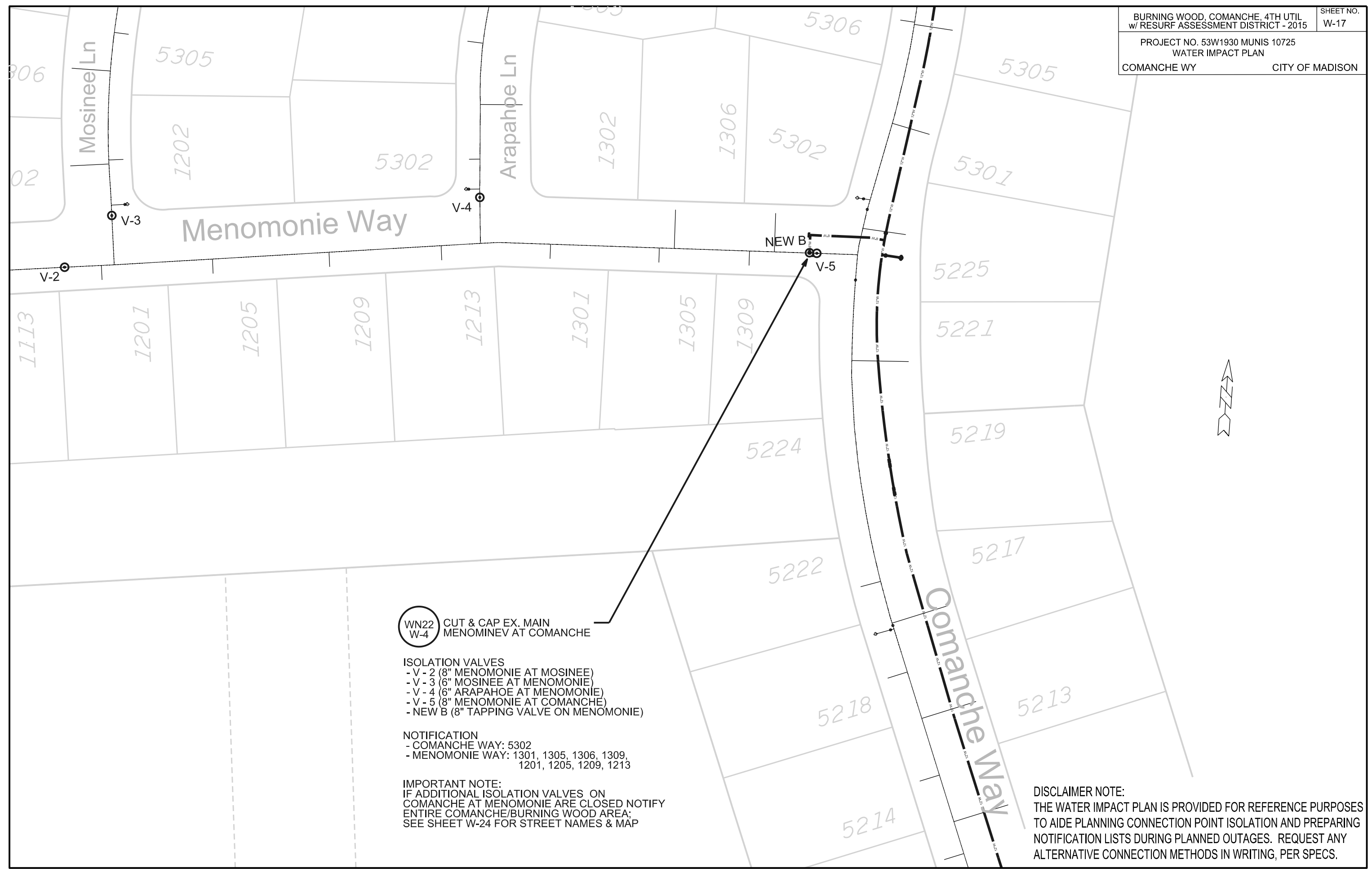
PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

FILE NAME:

DATE:



WN22
W-4 CUT & CAP EX. MAIN
MENOMINEV AT COMANCHE

- ISOLATION VALVES
- V - 2 (8" MENOMONIE AT MOSINEE)
 - V - 3 (6" MOSINEE AT MENOMONIE)
 - V - 4 (6" ARAPAHOE AT MENOMONIE)
 - V - 5 (8" MENOMONIE AT COMANCHE)
 - NEW B (8" TAPPING VALVE ON MENOMONIE)

- NOTIFICATION
- COMANCHE WAY: 5302
 - MENOMONIE WAY: 1301, 1305, 1306, 1309,
1201, 1205, 1209, 1213

IMPORTANT NOTE:
IF ADDITIONAL ISOLATION VALVES ON
COMANCHE AT MENOMONIE ARE CLOSED NOTIFY
ENTIRE COMANCHE/BURNING WOOD AREA;
SEE SHEET W-24 FOR STREET NAMES & MAP

DISCLAIMER NOTE:
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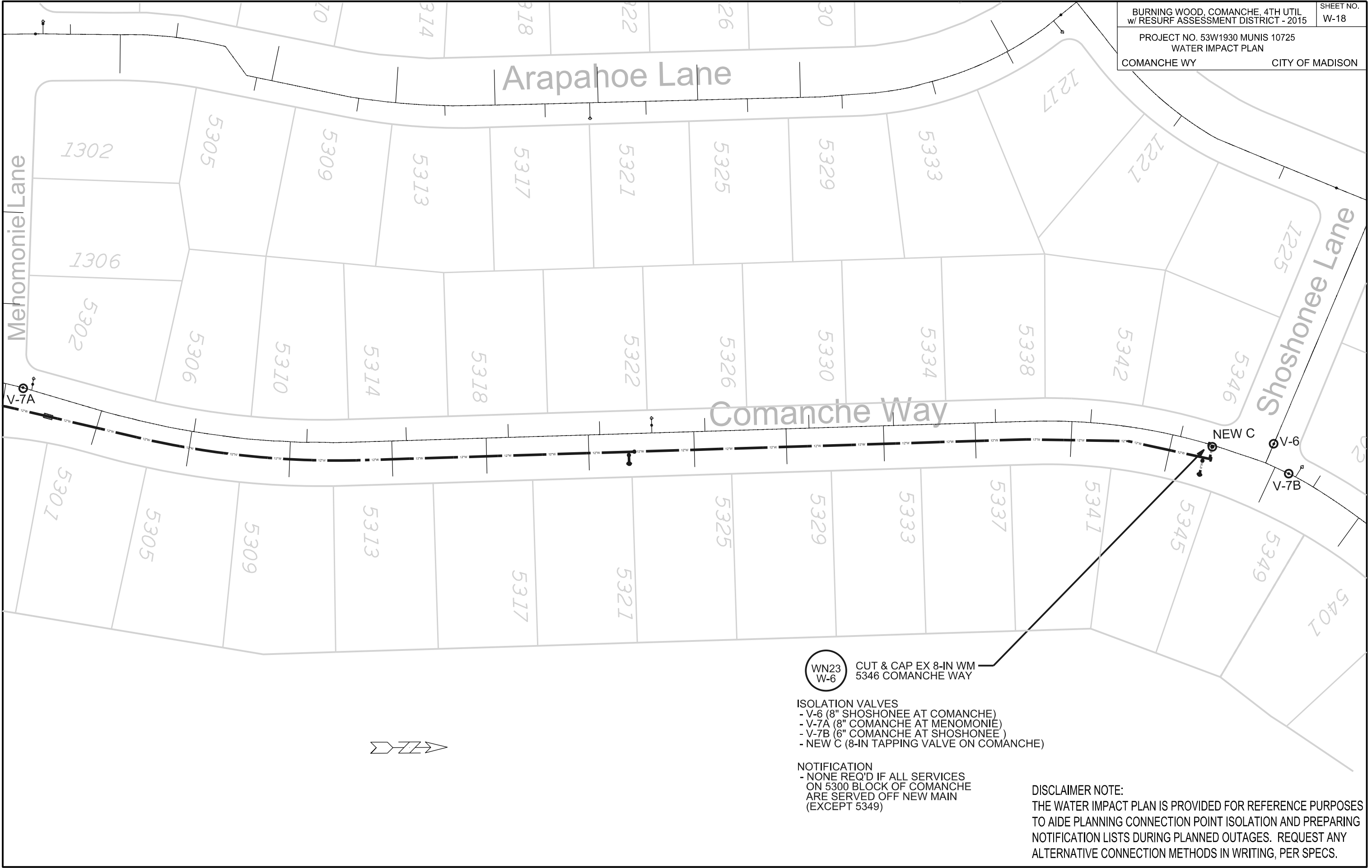
PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

FILE NAME:

DATE:



WN23
W-6 CUT & CAP EX 8-IN WM
5346 COMANCHE WAY

- ISOLATION VALVES
- V-6 (8" SHOSHONEE AT COMANCHE)
 - V-7A (8" COMANCHE AT MENOMONIE)
 - V-7B (6" COMANCHE AT SHOSHONEE)
 - NEW C (8-IN TAPPING VALVE ON COMANCHE)

NOTIFICATION

- NONE REQ'D IF ALL SERVICES ON 5300 BLOCK OF COMANCHE ARE SERVED OFF NEW MAIN (EXCEPT 5349)

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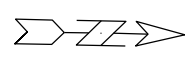
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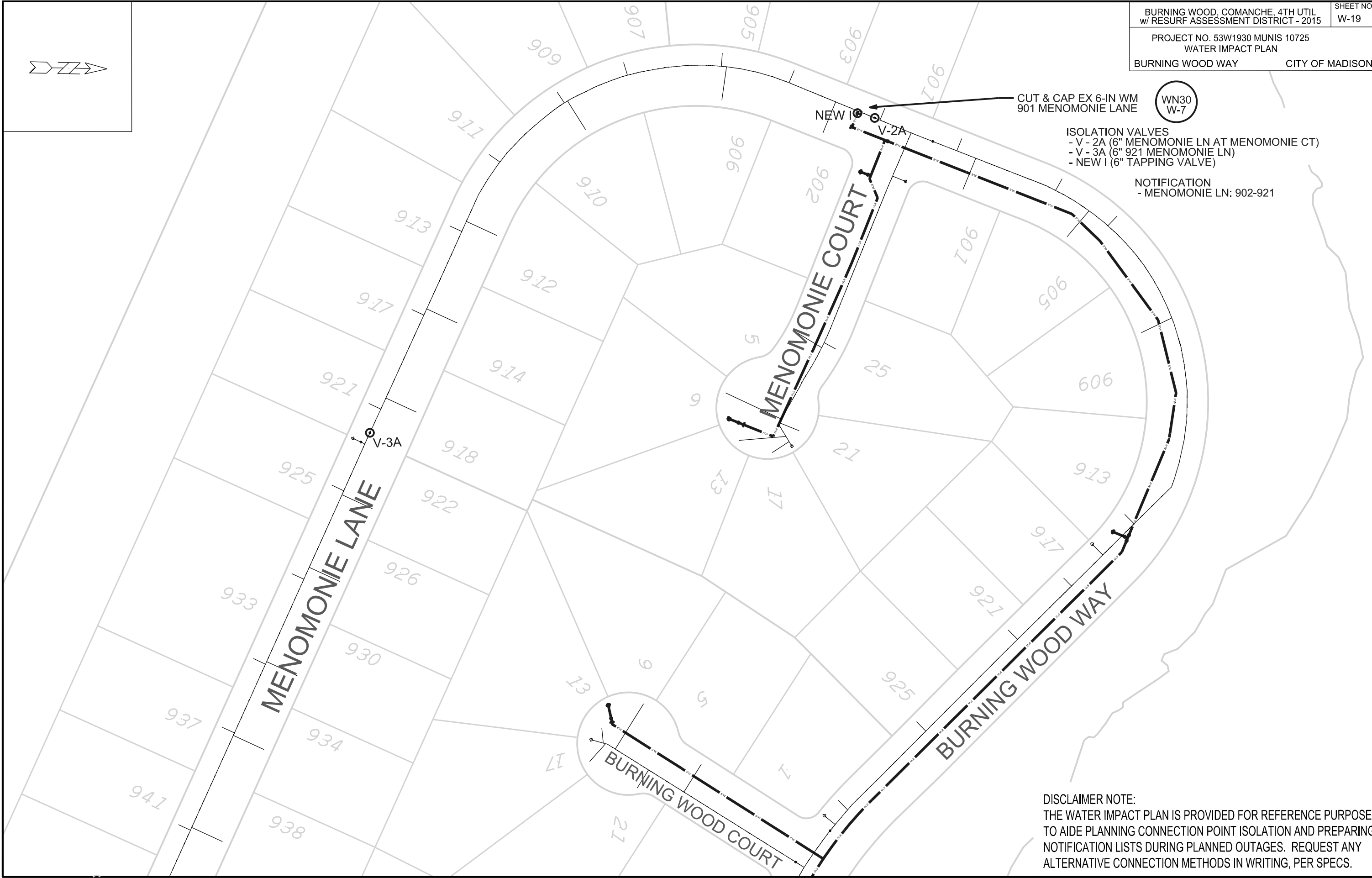
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

FILE NAME:

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PLOT NAME:
PLOT SCALE:



ISOLATION VALVES
- V - 2A (6" MENOMONIE LN AT MENOMONIE CT)
- V - 3A (6" 921 MENOMONIE LN)
- NEW I (6" TAPPING VALVE)

NOTIFICATION
- MENOMONIE LN: 902-921

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FILE NAME:

DATE:



CUT-IN CONNECTION
941 BURNING WOOD WAY (WN31 W-9)

ISOLATION VALVES
 - V-2B (6" CHINOOK AT MENOMONIE)
 - V-7 (6" BURNING WOOD AT CHINOOK)
 - V-8 (6" CHINOOK AT BURNING WOOD)
 - V-1B (6" NAMEKAGON AT BURNING WOOD)
 - V-2C (6" BURNING WOOD AT MOSINEE)

NOTIFICATION
 - CHINOOK LN: 5305-5317
 - BURNING WOOD: 1001-1105
 - NAMEKAGON: 5326

CUT-IN CONNECTION
5326 NAMEKAGON LANE (WN32 W-10)

ISOLATION VALVES
 - V-8 (6" CHINOOK AT BURNING WOOD)
 - V-1A (6" NAMEKAGON AT MENOMONIE)
 - V-2C (6" BURNING WOOD AT MOSINEE)
 - V-7 (6" BURNING WOOD AT CHINOOK)

NOTIFICATION
 - BURNING WOOD: 1001-1105
 - NAMEKAGON: 5301, 5305-5326

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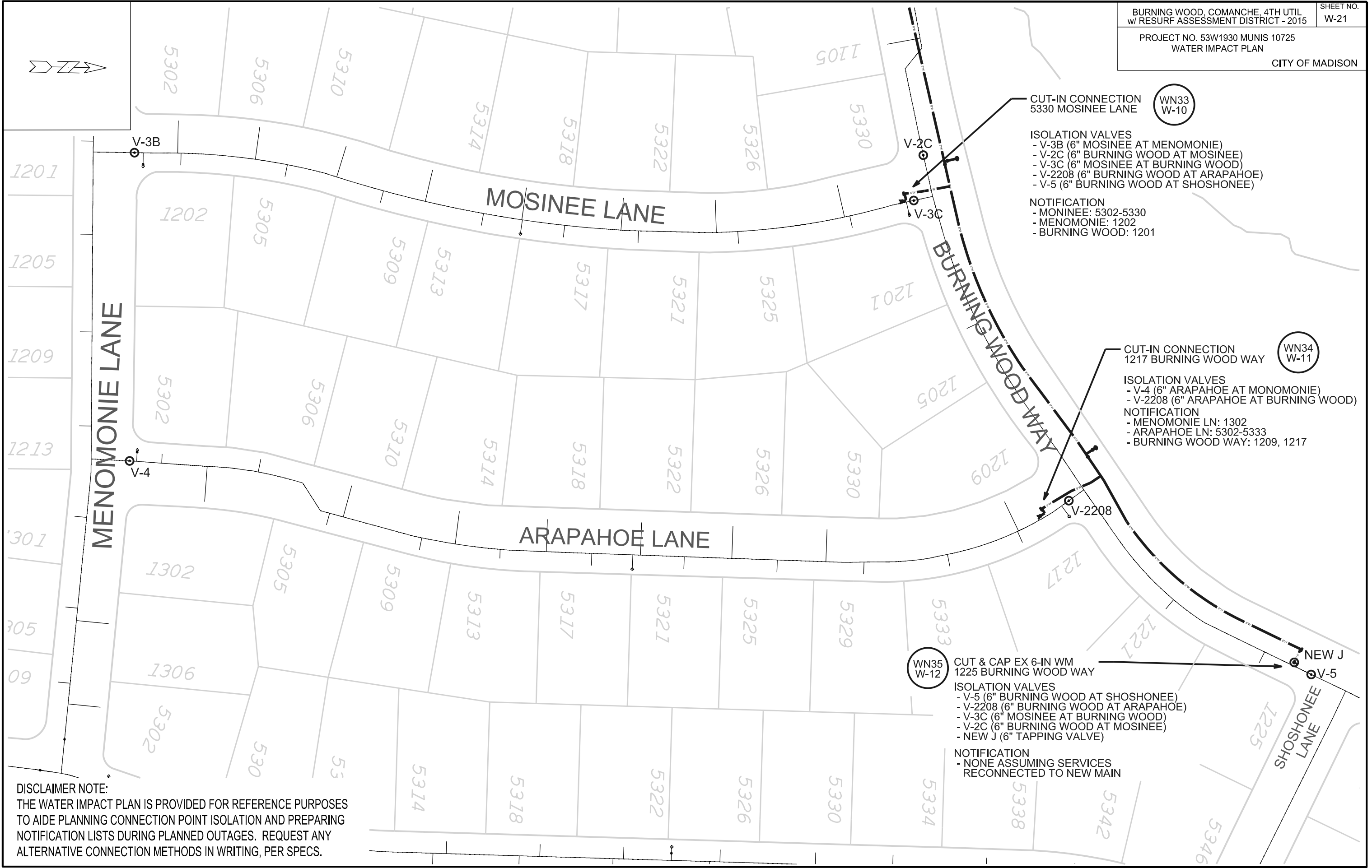
PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

FILE NAME:

DATE:



- CUT-IN CONNECTION**
5330 MOSINEE LANE
- ISOLATION VALVES**
- V-3B (6" MOSINEE AT MEMOMONIE)
 - V-2C (6" BURNING WOOD AT MOSINEE)
 - V-3C (6" MOSINEE AT BURNING WOOD)
 - V-2208 (6" BURNING WOOD AT ARAPAHOE)
 - V-5 (6" BURNING WOOD AT SHOSHONEE)
- NOTIFICATION**
- MONINEE: 5302-5330
 - MEMOMONIE: 1202
 - BURNING WOOD: 1201

- CUT-IN CONNECTION**
1217 BURNING WOOD WAY
- ISOLATION VALVES**
- V-4 (6" ARAPAHOE AT MONOMONIE)
 - V-2208 (6" ARAPAHOE AT BURNING WOOD)
- NOTIFICATION**
- MEMOMONIE LN: 1302
 - ARAPAHOE LN: 5302-5333
 - BURNING WOOD WAY: 1209, 1217

- CUT & CAP EX 6-IN WM**
1225 BURNING WOOD WAY
- ISOLATION VALVES**
- V-5 (6" BURNING WOOD AT SHOSHONEE)
 - V-2208 (6" BURNING WOOD AT ARAPAHOE)
 - V-3C (6" MOSINEE AT BURNING WOOD)
 - V-2C (6" BURNING WOOD AT MOSINEE)
 - NEW J (6" TAPPING VALVE)
- NOTIFICATION**
- NONE ASSUMING SERVICES RECONNECTED TO NEW MAIN

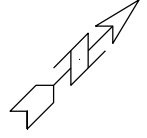
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ORIGINATOR: CITY OF MADISON, STREETS DIVISION

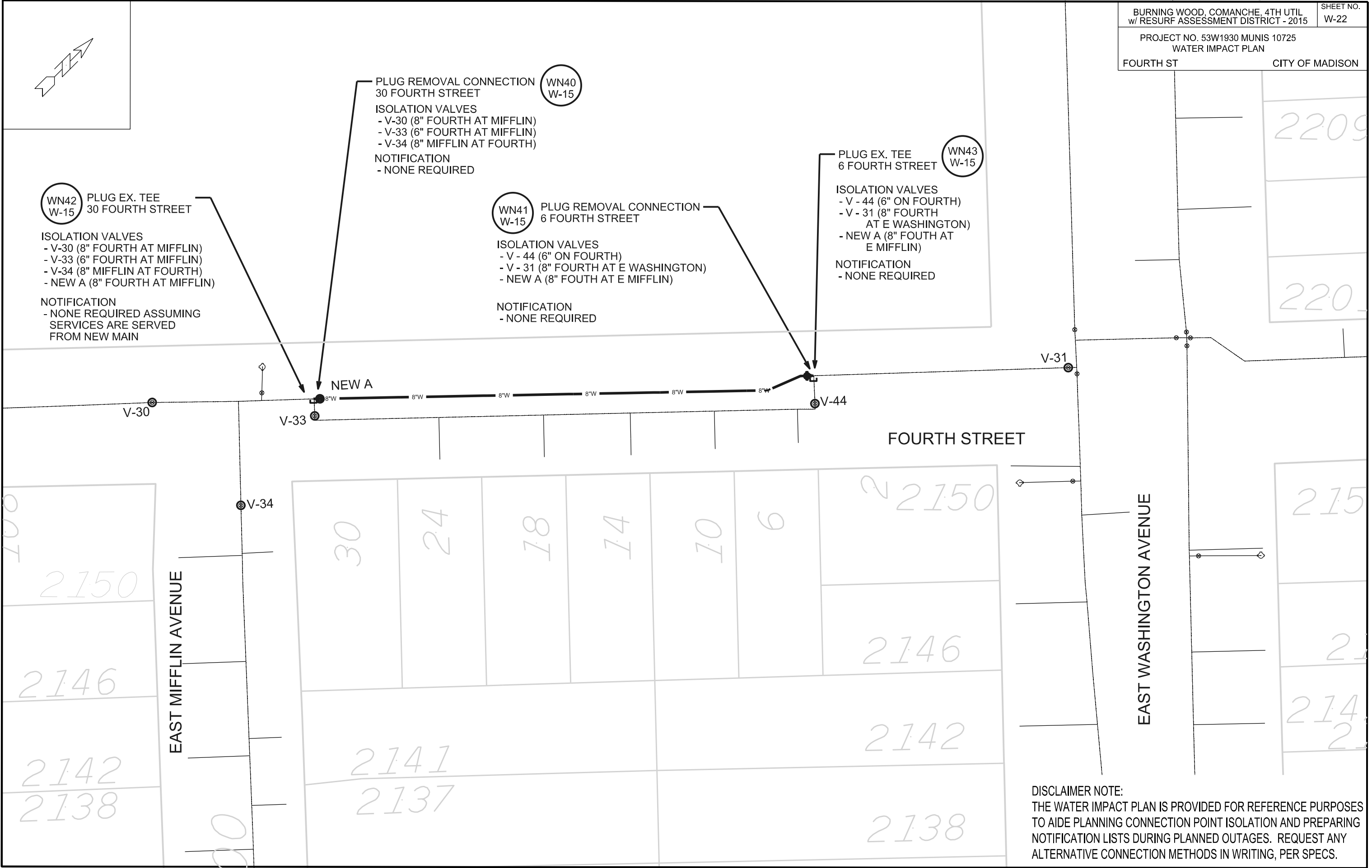
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PLOT SCALE:
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ORIGINATOR: CITY OF MADISON, STREETS DIVISION



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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 EXISTING CUSTOMERS. NOTIFY PER CONTRACT REQUIREMENTS OF ANY PLANNED WATER OUTAGE.
4. 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.

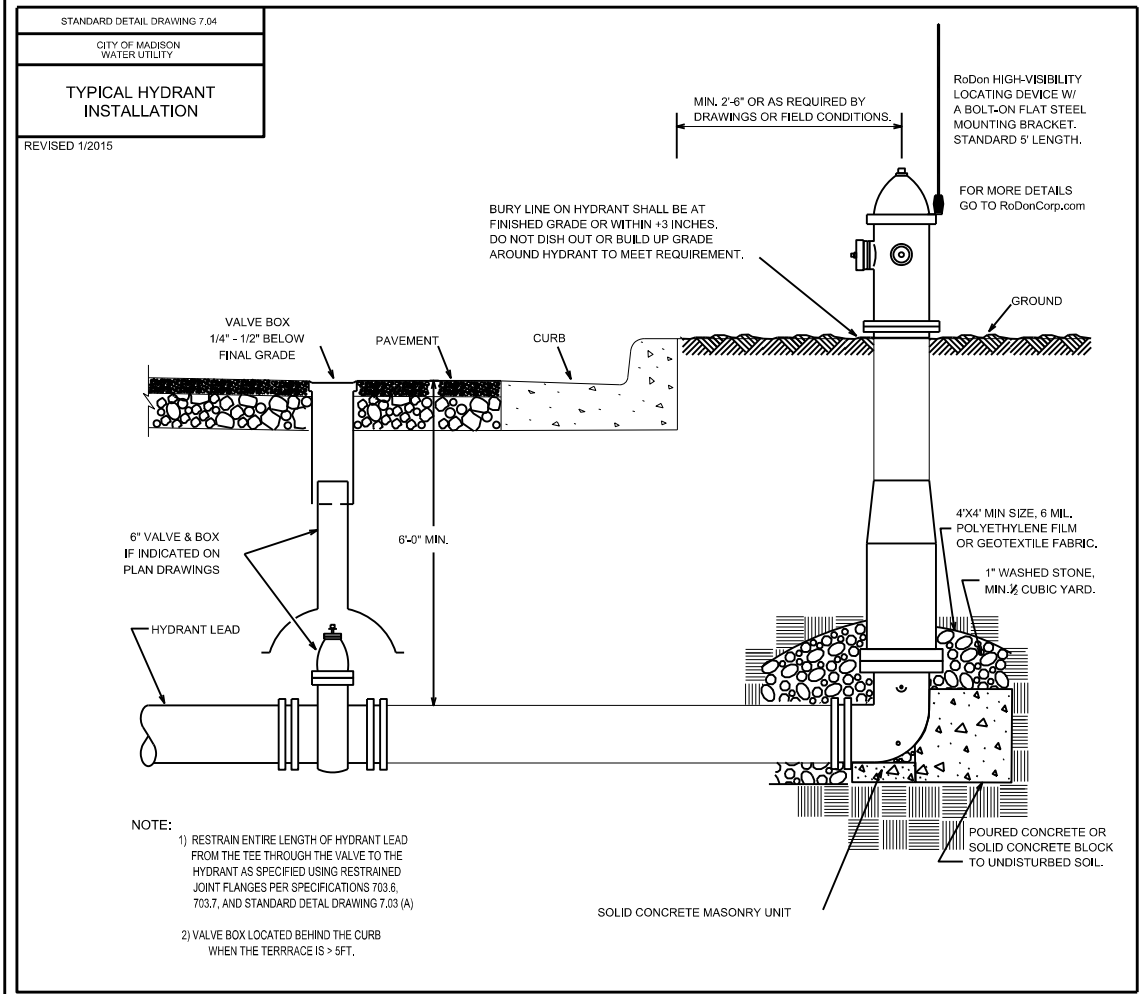
- WN1 REPLACE THE EXISTING LEAD SERVICE WITH A NEW COPPER SERVICE.
- WN2 EXTEND AND RECONNECT THE EXISTING COPPER SERVICE TO THE NEW WATER MAIN.
- WN3 EXISTING SERVICE TO BE ABANDONED WHEN THE WATER MAIN IS CUT OFF.
- WN4 DISCONNECT FROM THE OLD WATER MAIN AND RECONNECT THE EXISTING COPPER WATER SERVICE 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 NOTIFICATION INFORMATION.

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.

ESTIMATE OF MATERIALS:

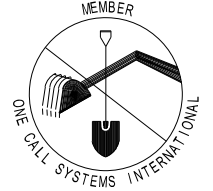
** ESTIMATE OF MATERIALS IS FOR INFORMATION ONLY. ENGINEER DOES NOT GUARANTEE ACCURACY OF MATERIAL TAKE-OFF.*

MATERIALS ESTIMATE	COMANCHE	BURNING WOOD, ETC.	FOURTH	TOTAL	UNITS
(6-IN) D.I. PIPE	140	220	0	360	LF
(8-IN) D.I. PIPE	100	3260	240	3600	LF
(10-IN) D.I. PIPE	30	0	0	30	LF
(12-IN) D.I. PIPE	2680	0	0	2680	LF
(5-IN) HYDRANT ASSEMBLY	6	7	0	13	EA
(6-IN) GATE VALVE & BOX	6	11	0	17	EA
(8-IN) GATE VALVE & BOX	0	6	1	7	EA
(10-IN) GATE VALVE & BOX	1	0	0	1	EA
(12-IN) GATE VALVE & BOX	4	0	0	4	EA
(6-IN) M.J. CAP	0	6	0	6	EA
(8-IN) M.J. CAP	2	0	0	2	EA
(10-IN) M.J. CAP	2	0	0	2	EA
(6-IN) M.J. PLUG	0	0	2	2	EA
(8-IN) M.J. PLUG	1	6	0	7	EA
(12-IN) M.J. PLUG	2	0	0	2	EA
(8-IN x 6-IN) TEE	0	11	0	11	EA
(8-IN x 8-IN) TEE	1	6	0	7	EA
(12-IN x 6-IN) TEE	6	0	0	6	EA
(12-IN x 8-IN) TEE	2	0	0	2	EA
(12-IN x 10-IN) TEE	2	0	0	2	EA
(8-IN x 6-IN) REDUCER	0	2	0	2	EA
(6-IN) 11.25-DEG BEND	1	0	0	1	EA
(8-IN) 11.25 DEG BEND	0	4	0	4	EA
(10-IN) 11.25 DEG BEND	1	0	0	1	EA
(12-IN) 11.25-DEG BEND	1	0	0	1	EA
(8-IN) 22.5-DEG BEND	0	4	2	6	EA
(8-IN) 45-DEG BEND	0	3	0	3	EA
(12-IN) 45-DEG BEND	4	0	0	4	EA
(6-IN) 90-DEG BEND	0	4	0	4	EA
(8-IN) 90-DEG BEND	0	1	0	1	EA
(4-FTx8-FT) 2-IN INSULATION	48	72	0	120	LF
(6-IN) TAPPING SLEEVE & VALVE	0	2	0	2	EA
(8-IN) TAPPING SLEEVE & VALVE	2	0	0	2	EA
(10-IN) TAPPING SLEEVE & VALVE	1	0	0	1	EA
(12-IN) TAPPING SLEEVE & VALVE	0	0	0	0	EA
POLYWRAP	3300	3970	270	7540	LF
(1-IN) COPPER TUBING AS REQ'D					



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.



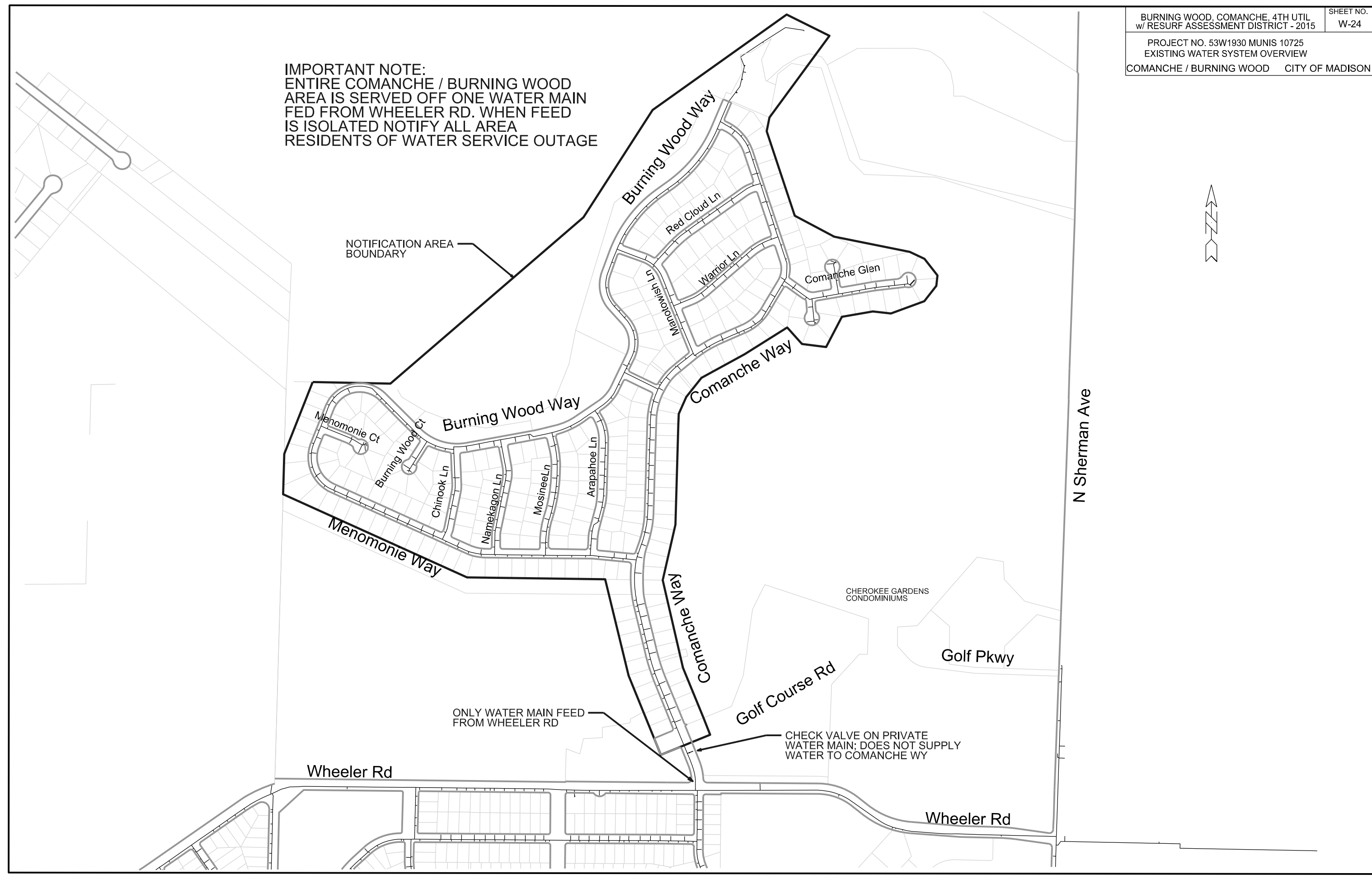
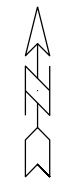
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PLOT NAME: _____
REV. DATE: _____
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

IMPORTANT NOTE:
 ENTIRE COMANCHE / BURNING WOOD
 AREA IS SERVED OFF ONE WATER MAIN
 FED FROM WHEELER RD. WHEN FEED
 IS ISOLATED NOTIFY ALL AREA
 RESIDENTS OF WATER SERVICE OUTAGE

NOTIFICATION AREA
 BOUNDARY

ONLY WATER MAIN FEED
 FROM WHEELER RD

CHECK VALVE ON PRIVATE
 WATER MAIN; DOES NOT SUPPLY
 WATER TO COMANCHE WY



PLOT SCALE:

PLOT NAME:

REV. DATE:

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FILE NAME:

DATE:

CROSS SECTIONS

N. FOURTH ST

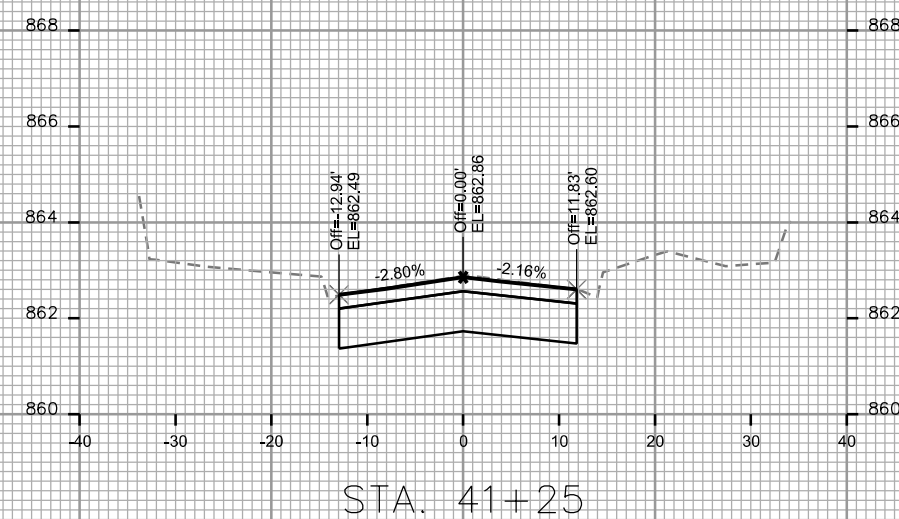
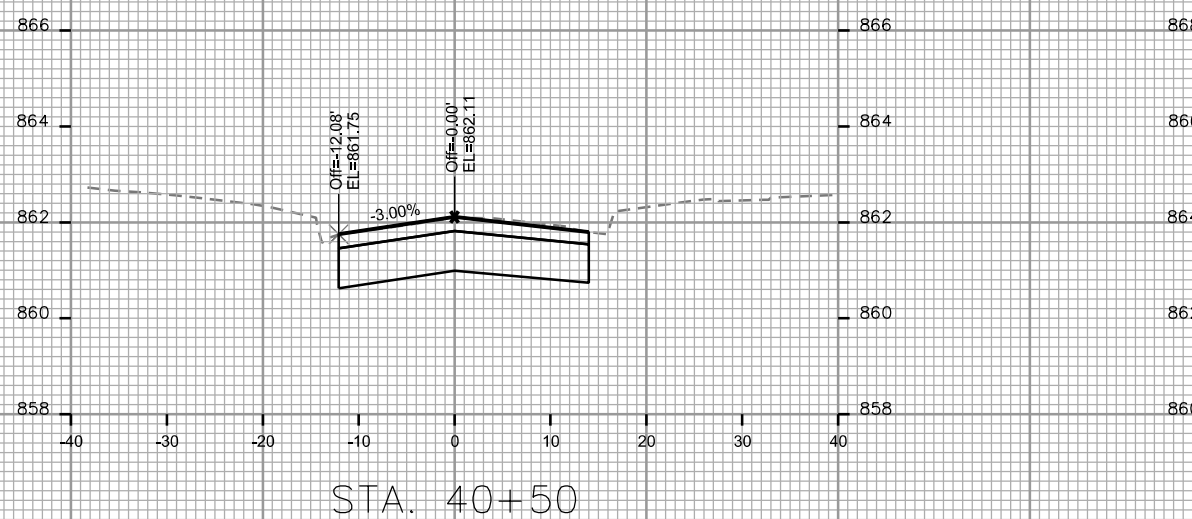
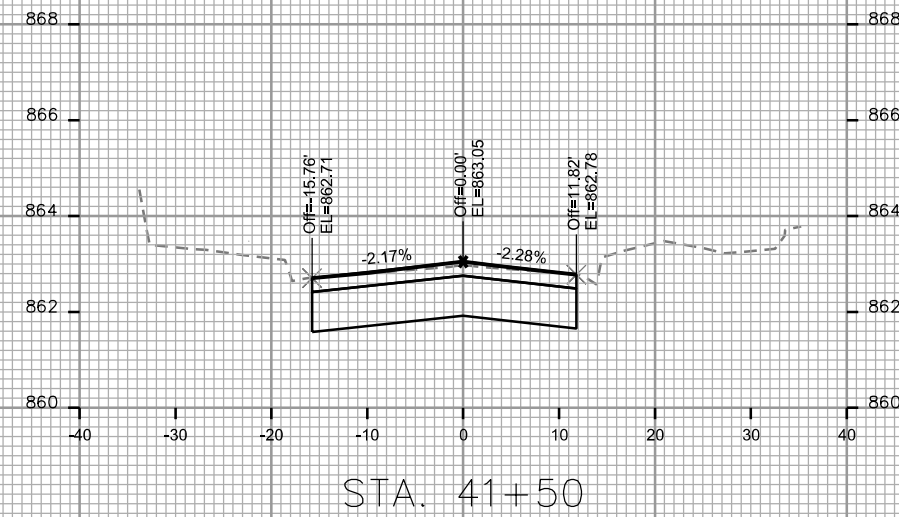
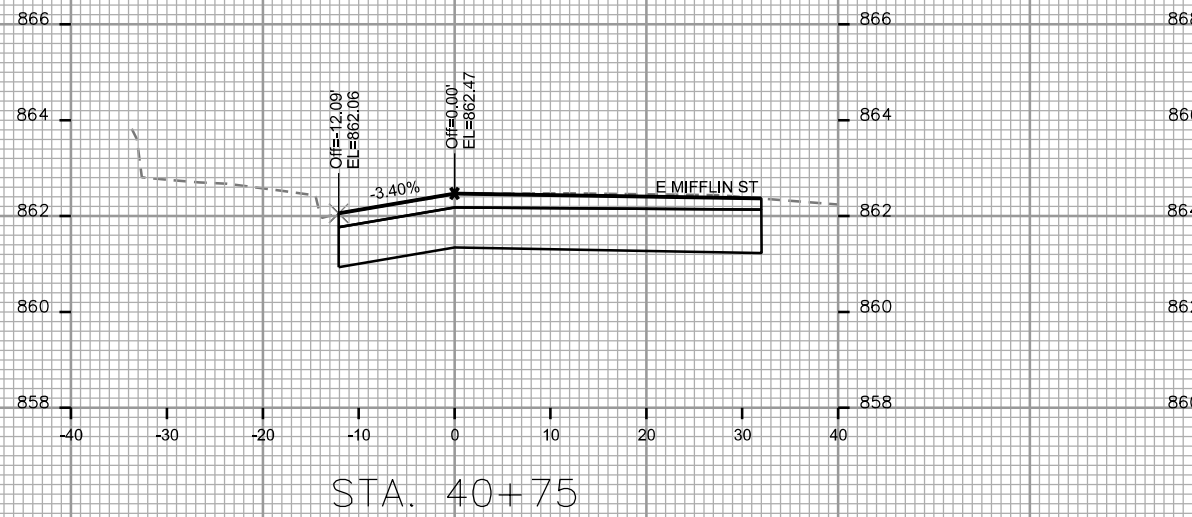
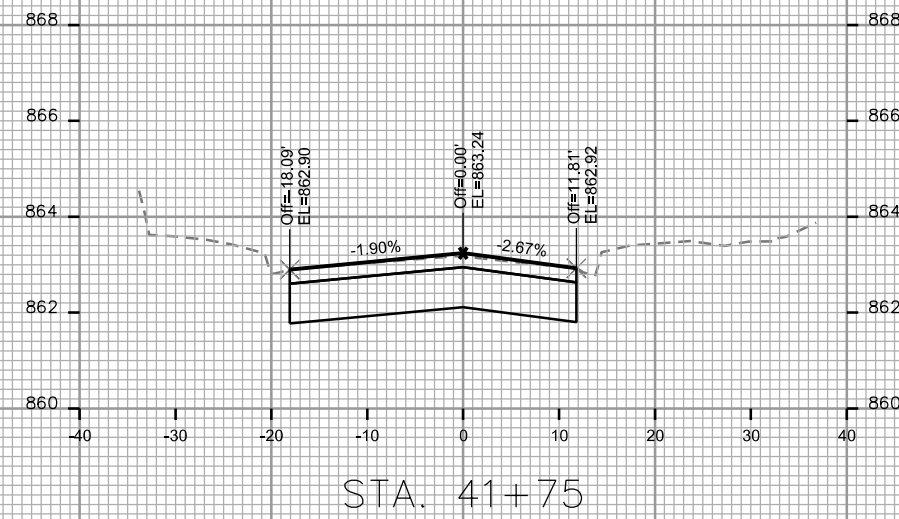
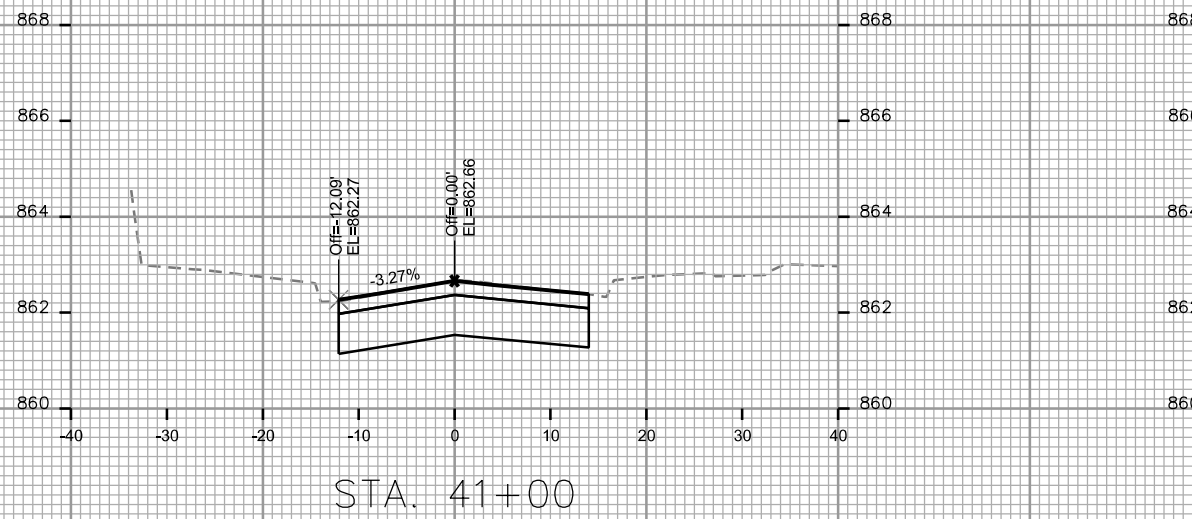
CITY OF MADISON

PLOT SCALE: _____

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CROSS SECTIONS

N. FOURTH ST

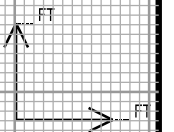
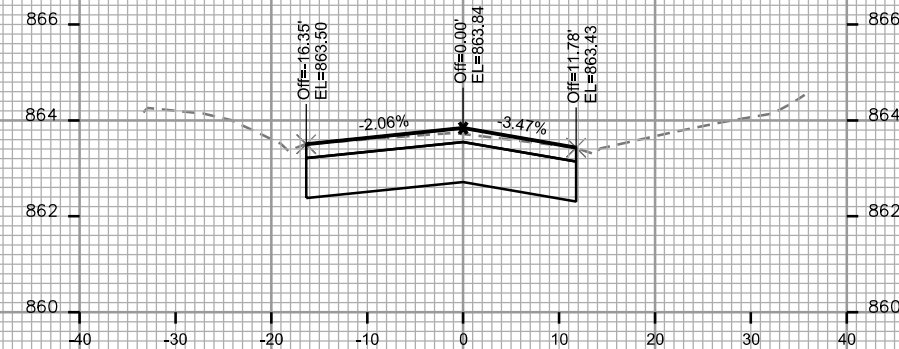
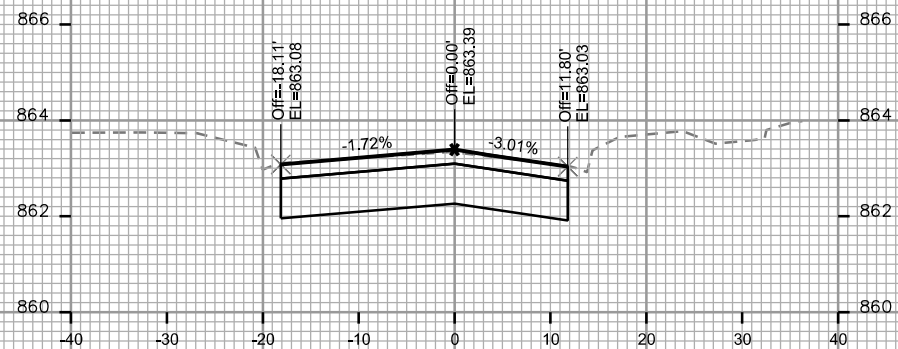
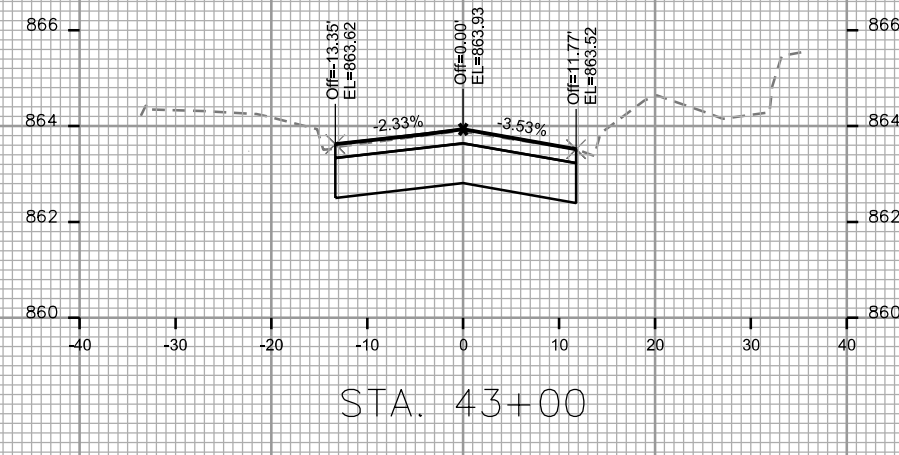
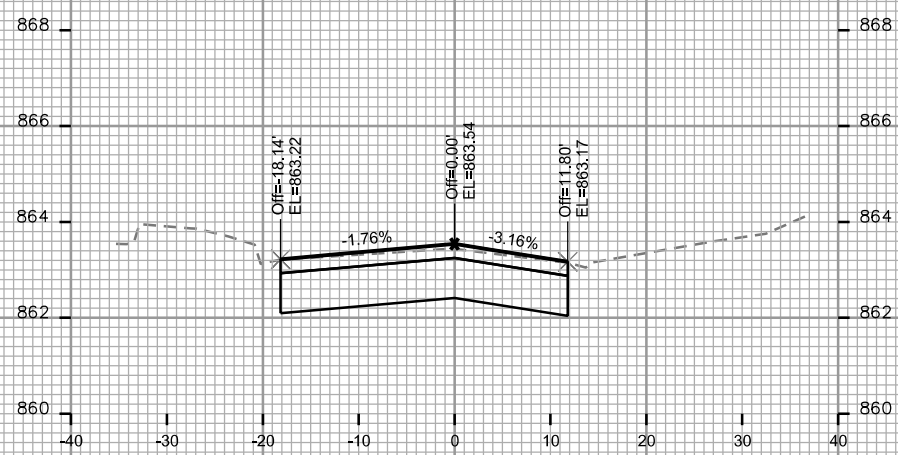
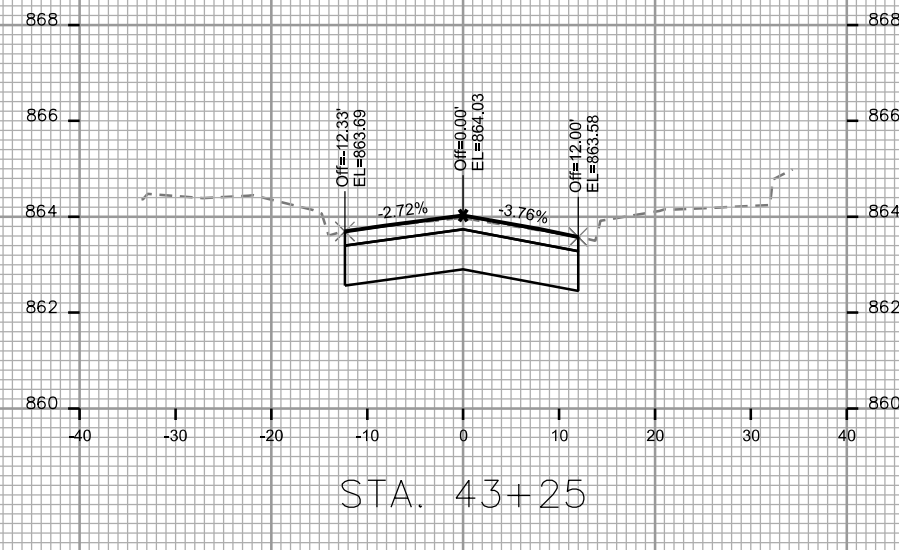
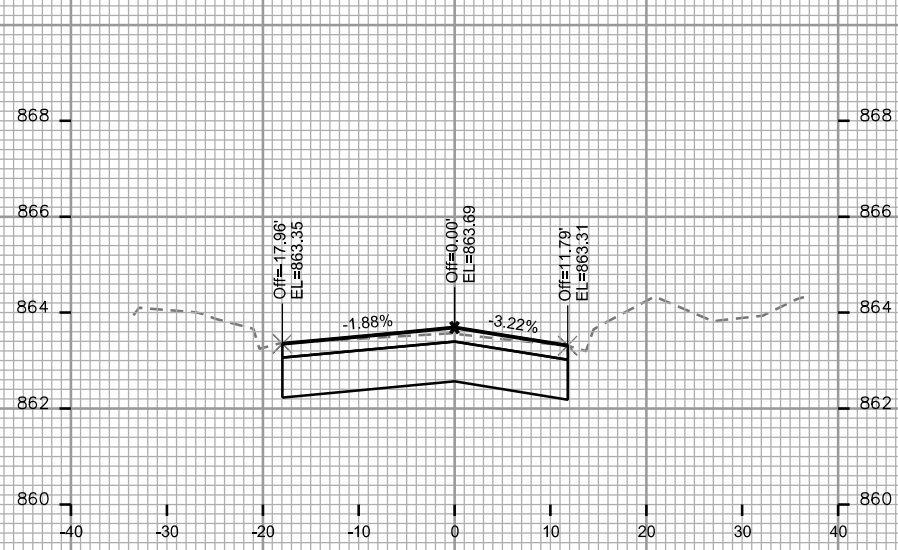
CITY OF MADISON

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CROSS SECTIONS

N. FOURTH ST

CITY OF MADISON

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