

Madison, Wisconsin

CITY OF MADISON

CITY ENGINEERING DIVISION DEPARTMENT OF PUBLIC WORKS

PLAN OF PROPOSED IMPROVEMENT BEAR CLAW WAY, WILRICH STREET, AND COBALT STREET ASSESSMENT DISTRICT - 2015

CITY PROJECT NO. 53WI683 (MUNIS #10604)
CONTRACT NO. 7227

PUBLIC IMPROVEMENT PROJECT APPROVED

MARCH 31, 2015

BY THE COMMON COUNCIL
OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN
APPROVED BY:

[Signature] 3/22/15
City Engineer Date

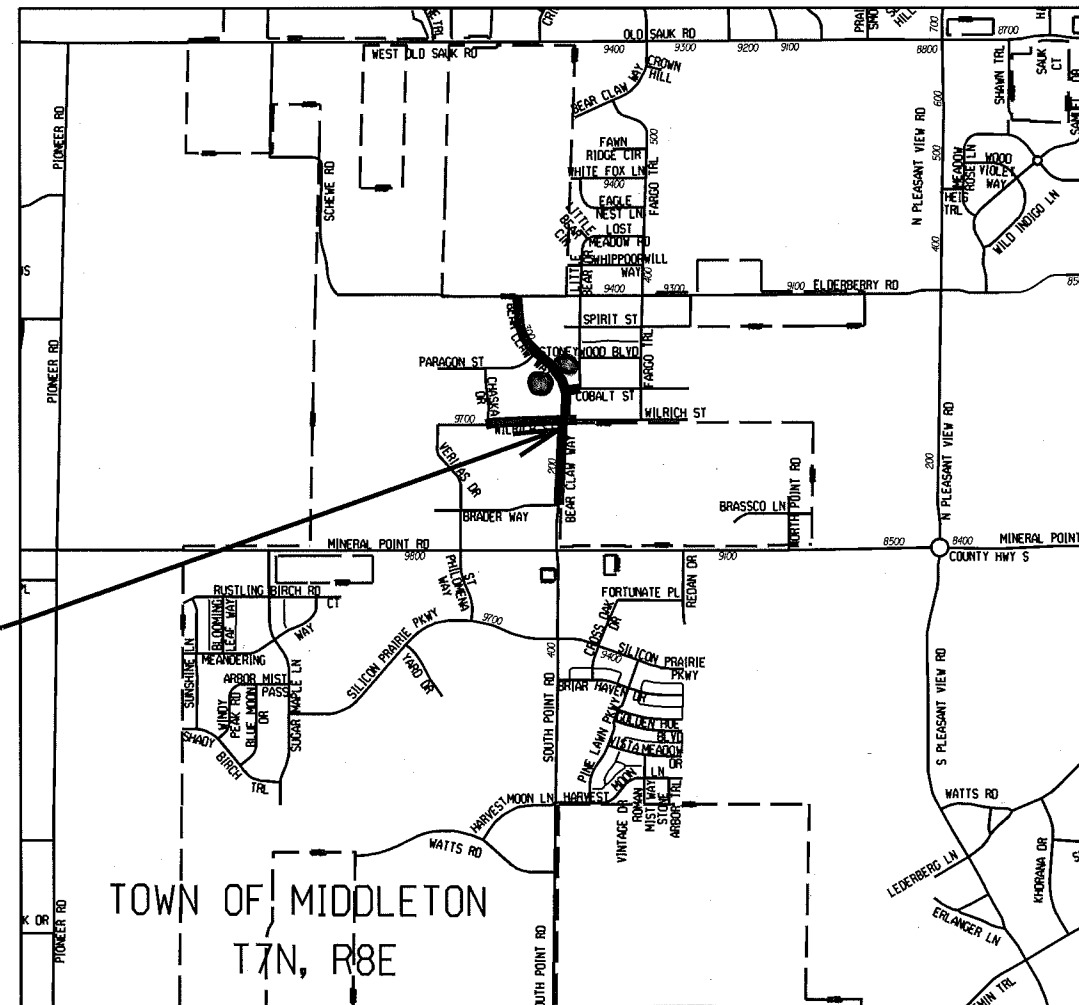
STREET GRADES
DESIGNED BY:

WISCONSIN
5/22/15
LISA R. COLEMAN
E-37708
MADISON
WI
PROFESSIONAL ENGINEER

INDEX OF SHEETS

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SHEET NO. W11-W13	WATER IMPACT PLAN
SHEET NO. W14	WATER PLAN OVERVIEW
SHEET NO. W15	WATER ESTIMATE OF MATERIALS
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SHEET NO. X21-X30	WILRICH STREET CROSS SECTIONS
SHEET NO. X31	COBALT STREET CROSS SECTIONS

PROJECT LOCATION



GEOMETRICS
DESIGNED BY:

WISCONSIN
5-20-15
SCOTT A LANGER
E-42119
MADISON
WI
PROFESSIONAL ENGINEER

SANITARY SEWER
DESIGNED BY:

WISCONSIN
COREY STELLJES
41150
MADISON
WISCONSIN
5-22-15
PROFESSIONAL ENGINEER

WATER MAIN
DESIGNED BY:

WISCONSIN
5-19-15
KELLY B. MIESS
E-41821
MADISON
WI
PROFESSIONAL ENGINEER

STORM SEWER
DESIGNED BY:

WISCONSIN
COREY STELLJES
41150
MADISON
WISCONSIN
5-22-15
PROFESSIONAL ENGINEER

CONVENTIONAL SIGNS

FIELD VERIFY ALL UTILITY LOCATIONS

GAS	— G —
STORM SEWER	— ST —
SANITARY SEWER	— SAN —
WATER	— W —
OVERHEAD ELECTRIC	— OH —
POWER POLE	□

NOTES:

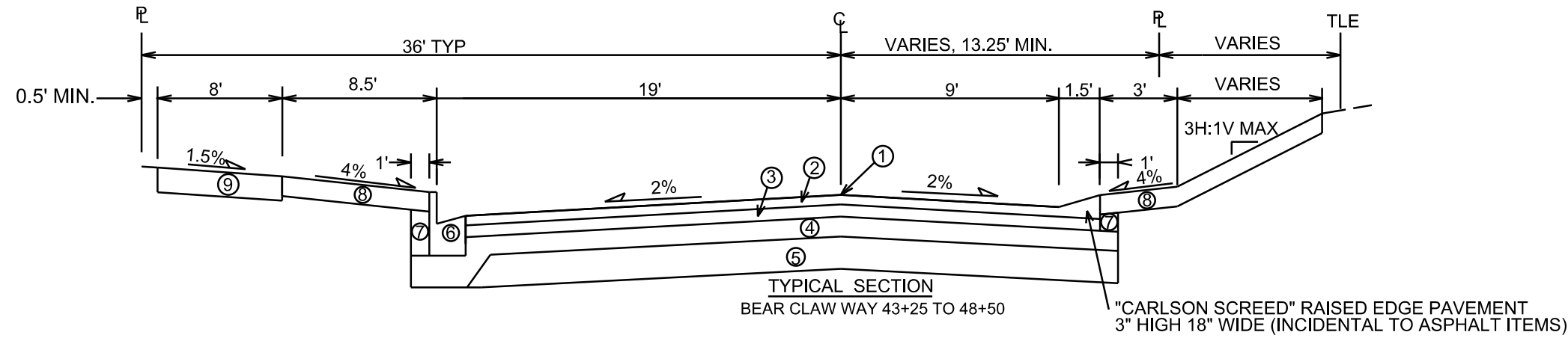
ALL GUTTERS SHALL DRAIN WITH A MINIMUM GRADE OF 0.50% TOWARD STORM SEWER INLETS.

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%

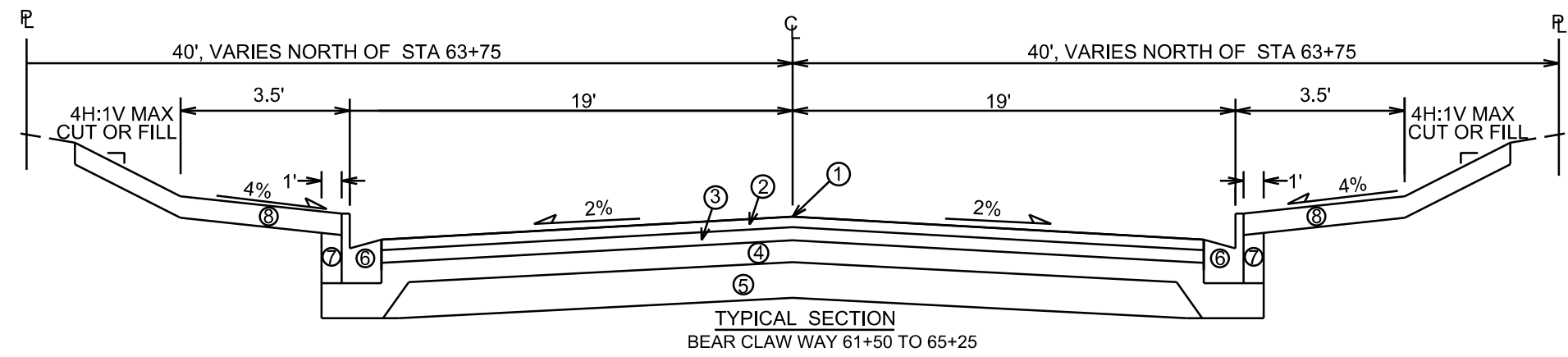
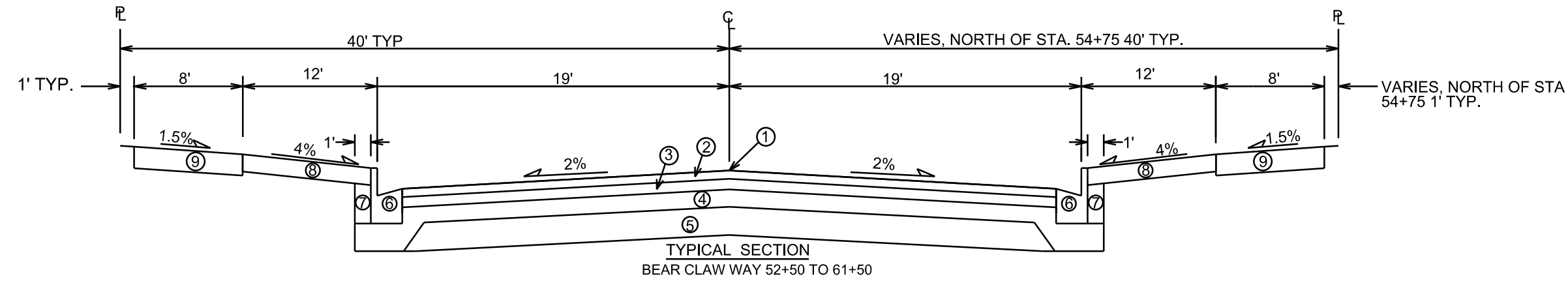
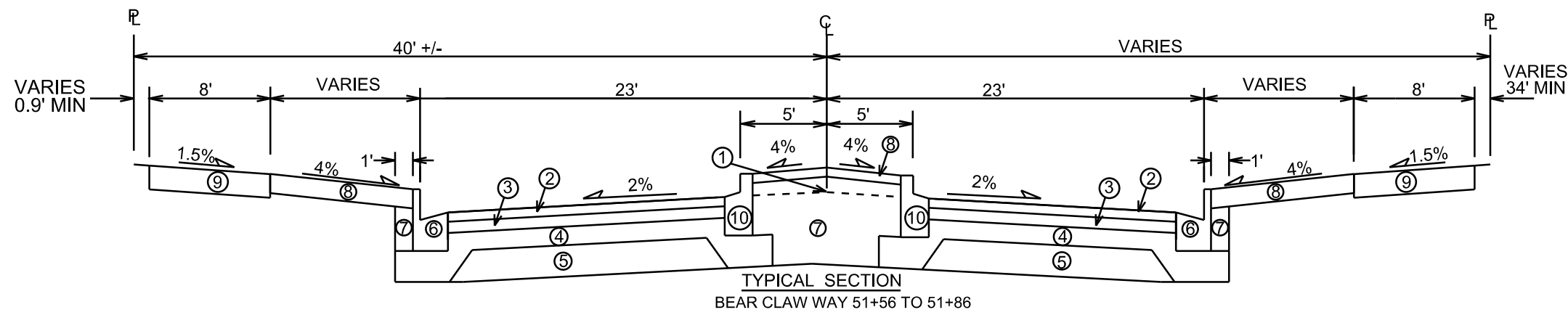
EARTH WORK SUMMARY:

EXCAVATION CUT (MEASURED PLAN QUANTITY)	34308 C.Y.
ESTIMATED UNDISTRIBUTED UNDERCUT	2006 C.Y.
TOTAL UNCLASSIFIED EXCAVATION CUT	36314 C.Y.
FILL FOR ROAD AND POND (EXCLUDING CLAY)	6802 C.Y.

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

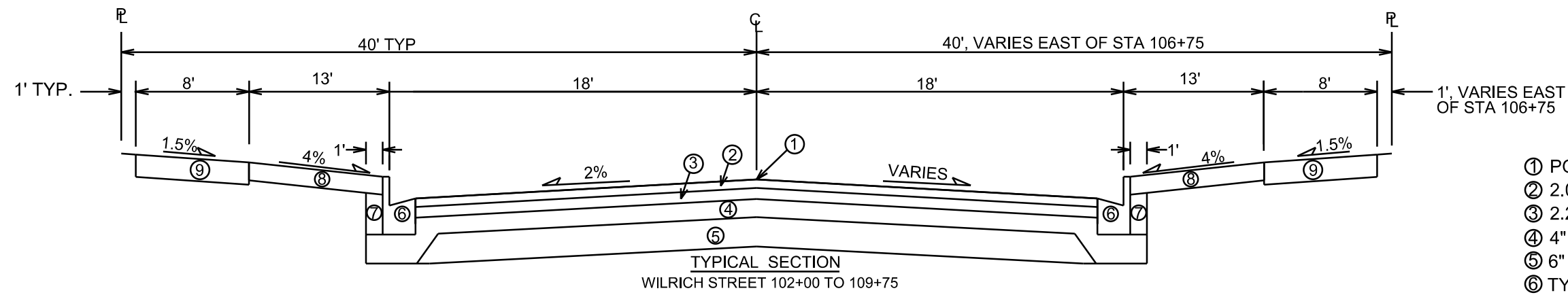


- ① POINT REFERRED TO ON PROFILE
- ② 2.00" BITUMINOUS UPPER LAYER, TYPE E-1, 12.5 mm
- ③ 2.25" BITUMINOUS LOWER LAYER, TYPE E-1, 19 mm
- ④ 4" GRADATION 2 CRUSHED STONE
- ⑤ 6" GRADATION 1 CRUSHED STONE
- ⑥ TYPE 'A' CONCRETE CURB & GUTTER
- ⑦ FILL, INCIDENTAL
- ⑧ 4" TOPSOIL, SEED & MAT
USE CLASS I URBAN TYPE A MAT ON 4H:1V OR
FLATTER SLOPES. USE CLASS I URBAN TYPE B
MAT ON SLOPES STEEPER THAN 4H:1V.
- ⑨ 5" CONCRETE SIDEWALK
- ⑩ TYPE 'E' CONCRETE CURB & GUTTER

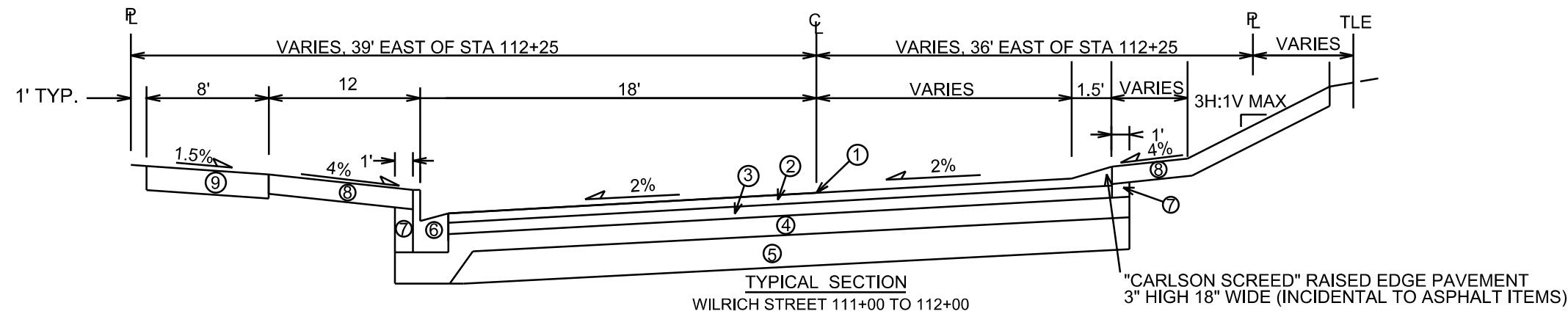


TYPICAL SECTIONS NOT TO SCALE

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



TYPICAL SECTION
WILRICH STREET 102+00 TO 109+75

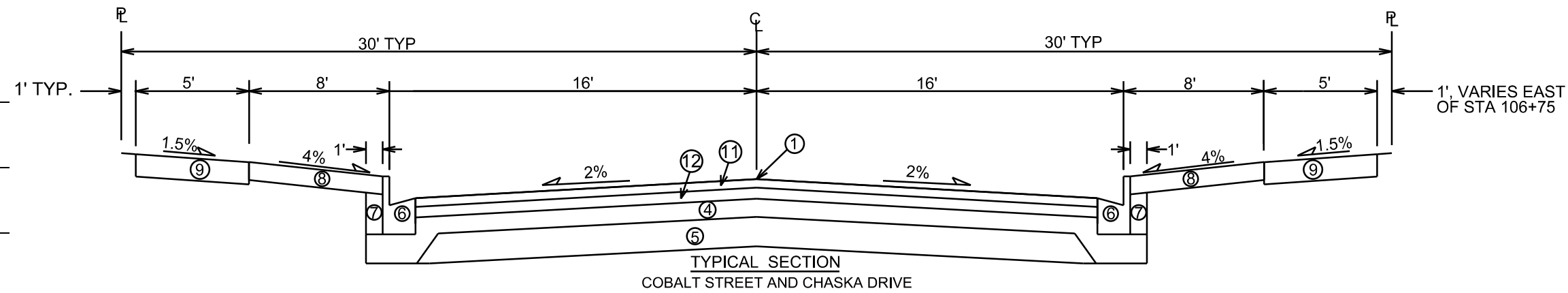


TYPICAL SECTION
WILRICH STREET 111+00 TO 112+00

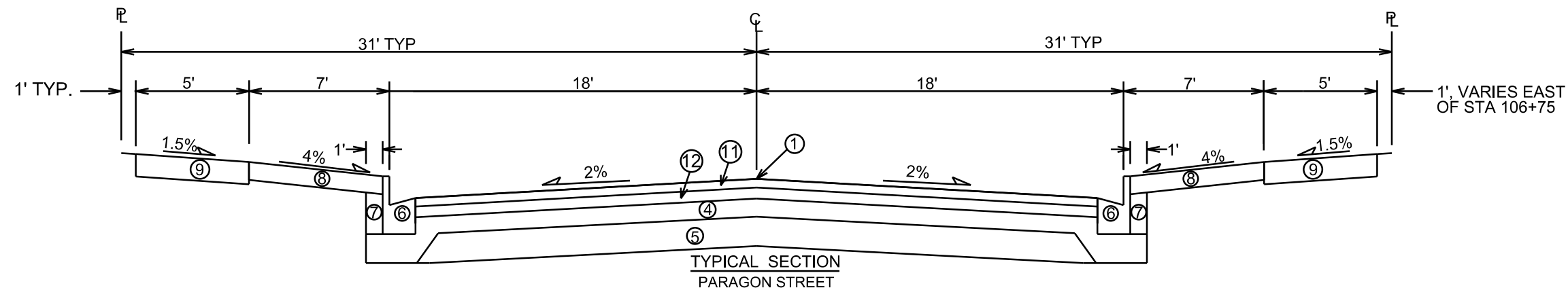
"CARLSON SCREED" RAISED EDGE PAVEMENT
3" HIGH 18" WIDE (INCIDENTAL TO ASPHALT ITEMS)

- ① POINT REFERRED TO ON PROFILE
- ② 2.00" BITUMINOUS UPPER LAYER, TYPE E-1, 12.5 mm
- ③ 2.25" BITUMINOUS LOWER LAYER, TYPE E-1, 19 mm
- ④ 4" GRADATION 2 CRUSHED STONE
- ⑤ 6" GRADATION 1 CRUSHED STONE
- ⑥ TYPE 'A' CONCRETE CURB & GUTTER
- ⑦ FILL, INCIDENTAL
- ⑧ 4" TOPSOIL, SEED & MAT
USE CLASS I URBAN TYPE A MAT ON 4H:1V OR
FLATTER SLOPES, USE CLASS I URBAN TYPE B
MAT ON SLOPES STEEPER THAN 4H:1V.
- ⑨ 5" CONCRETE SIDEWALK
- ⑩ TYPE 'E' CONCRETE CURB & GUTTER
- ⑪ 1.75" BITUMINOUS UPPER LAYER, TYPE E-0.3, 12.5 mm
- ⑫ 1.75" BITUMINOUS LOWER LAYER, TYPE E-0.3, 12.5 mm

TYPICAL SECTIONS NOT TO SCALE

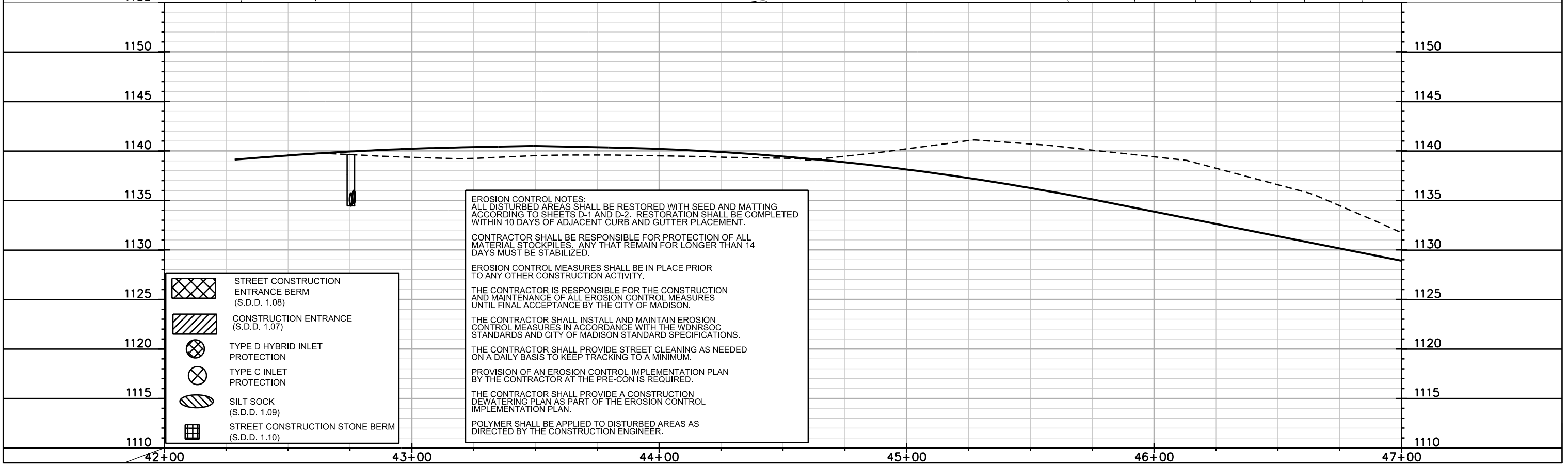
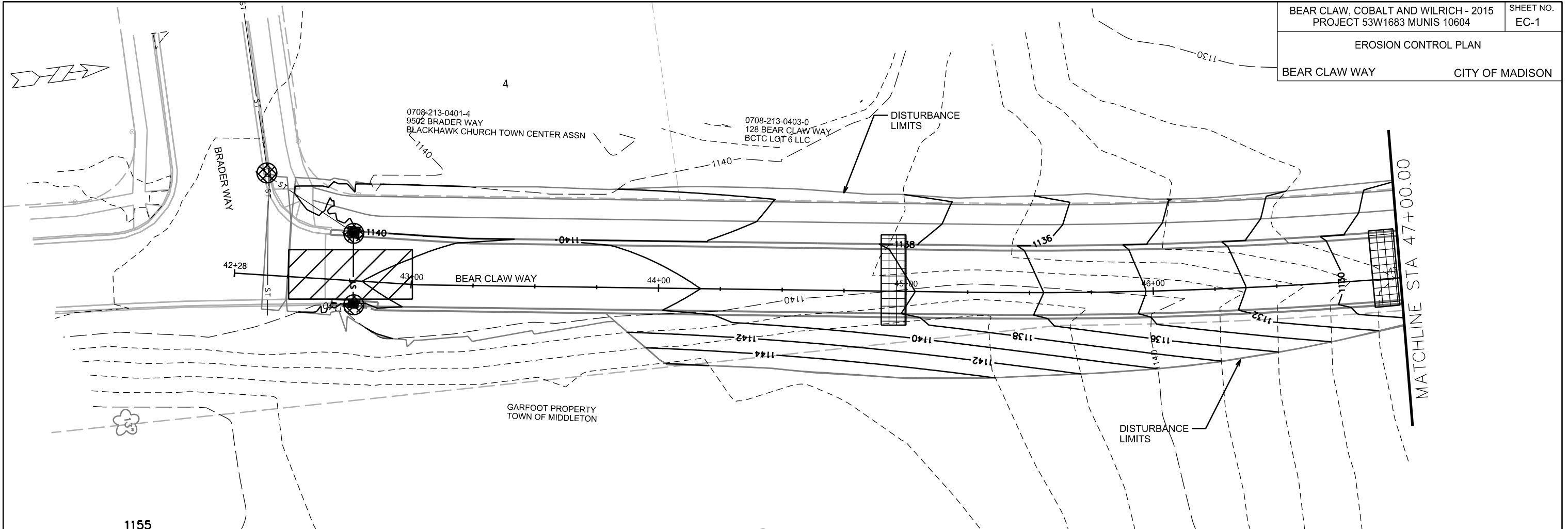








TYPICAL SECTION
COBALT STREET AND CHASKA DRIVE



TYPICAL SECTION
PARAGON STREET

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



-  STREET CONSTRUCTION ENTRANCE BERM (S.D.D. 1.08)
-  CONSTRUCTION ENTRANCE (S.D.D. 1.07)
-  TYPE D HYBRID INLET PROTECTION
-  TYPE C INLET PROTECTION
-  SILT SOCK (S.D.D. 1.09)
-  STREET CONSTRUCTION STONE BERM (S.D.D. 1.10)

EROSION CONTROL NOTES:
 ALL DISTURBED AREAS SHALL BE RESTORED WITH SEED AND MATTING ACCORDING TO SHEETS D-1 AND D-2. RESTORATION SHALL BE COMPLETED WITHIN 10 DAYS OF ADJACENT CURB AND GUTTER PLACEMENT.

CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION OF ALL MATERIAL STOCKPILES. ANY THAT REMAIN FOR LONGER THAN 14 DAYS MUST BE STABILIZED.

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.

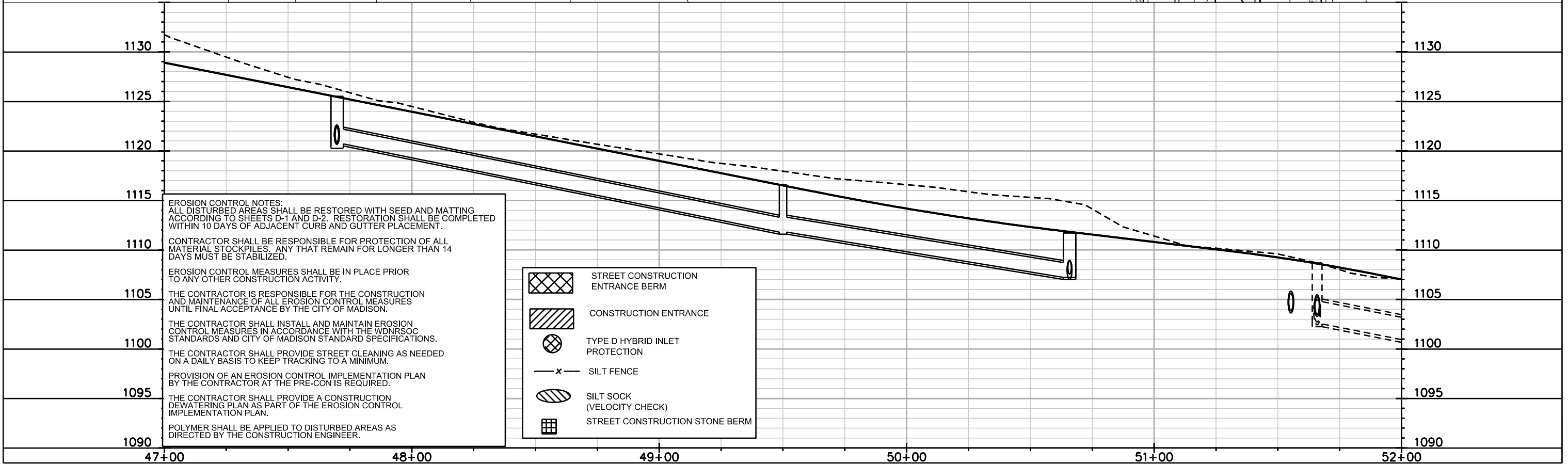
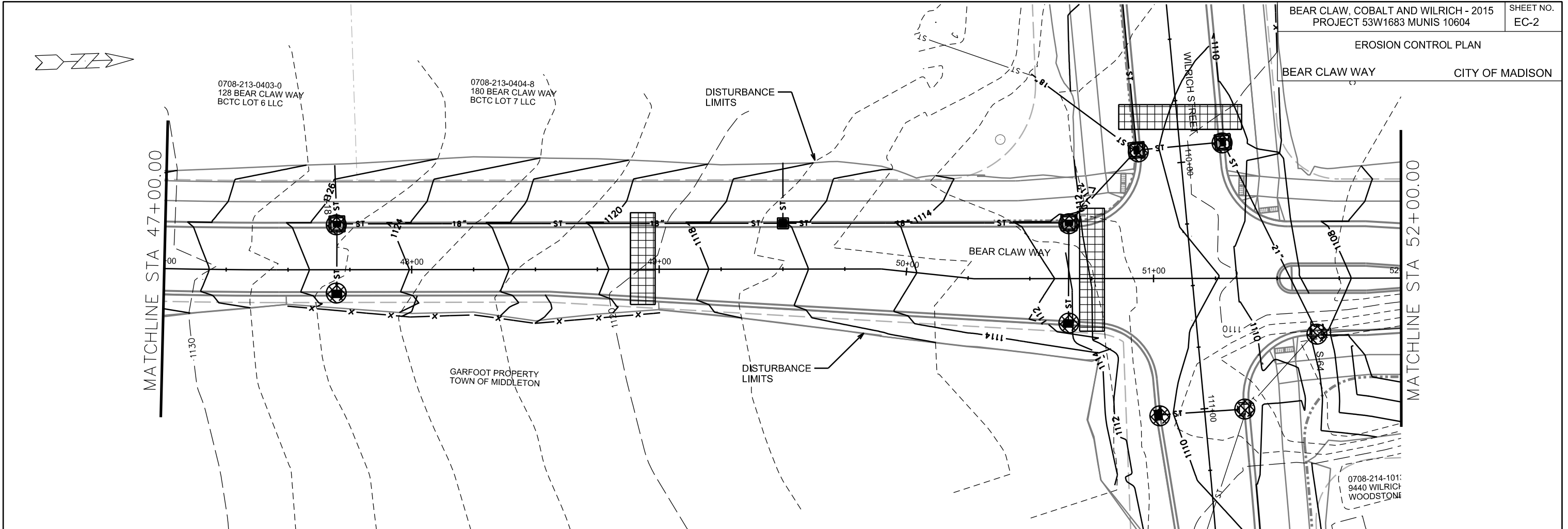
PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

EROSION CONTROL PLAN
BEAR CLAW WAY CITY OF MADISON



EROSION CONTROL NOTES:
ALL DISTURBED AREAS SHALL BE RESTORED WITH SEED AND MATTING ACCORDING TO SHEETS D-1 AND D-2. RESTORATION SHALL BE COMPLETED WITHIN 10 DAYS OF ADJACENT CURB AND GUTTER PLACEMENT.

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


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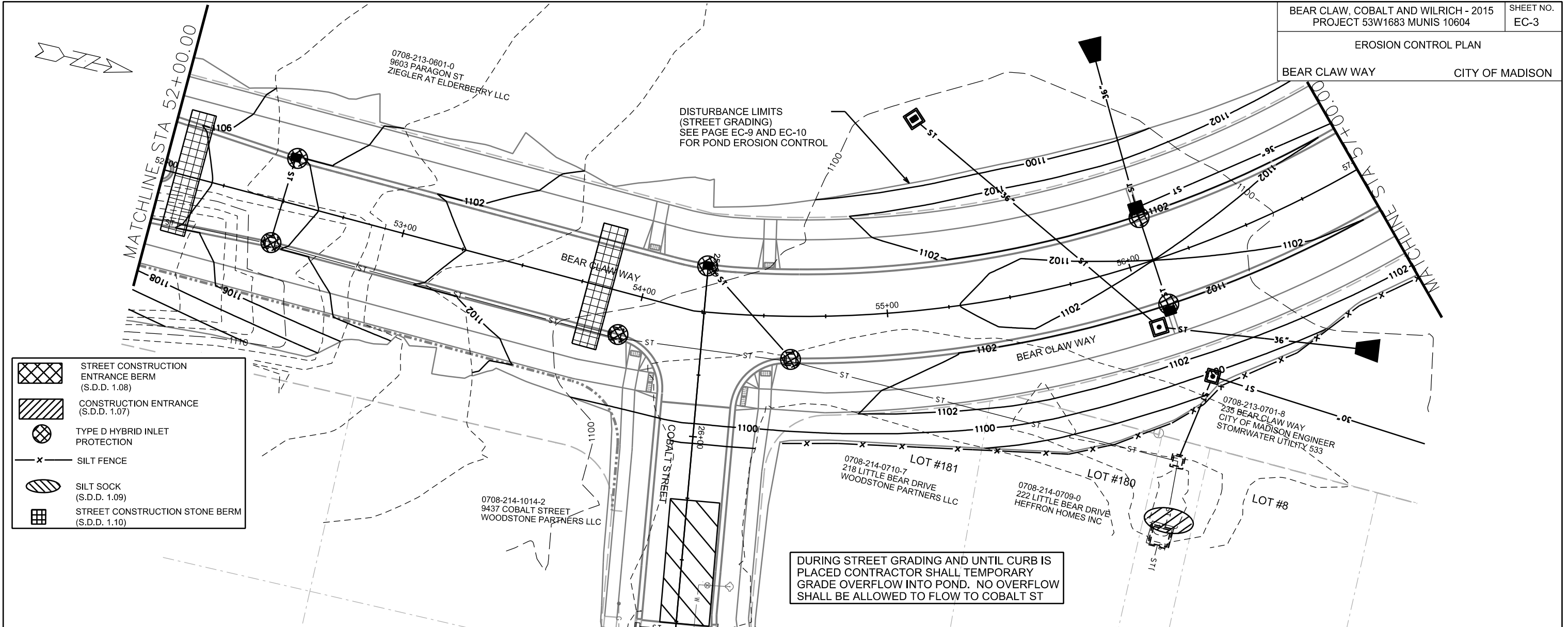
-  STREET CONSTRUCTION ENTRANCE BERM
-  CONSTRUCTION ENTRANCE
-  TYPE D HYBRID INLET PROTECTION
-  SILT FENCE
-  SILT SOCK (VELOCITY CHECK)
-  STREET CONSTRUCTION STONE BERM

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



- STREET CONSTRUCTION ENTRANCE BERM (S.D.D. 1.08)
- CONSTRUCTION ENTRANCE (S.D.D. 1.07)
- TYPE D HYBRID INLET PROTECTION
- SILT FENCE
- SILT SOCK (S.D.D. 1.09)
- STREET CONSTRUCTION STONE BERM (S.D.D. 1.10)

DURING STREET GRADING AND UNTIL CURB IS PLACED CONTRACTOR SHALL TEMPORARY GRADE OVERFLOW INTO POND. NO OVERFLOW SHALL BE ALLOWED TO FLOW TO COBALT ST

EROSION CONTROL NOTES:
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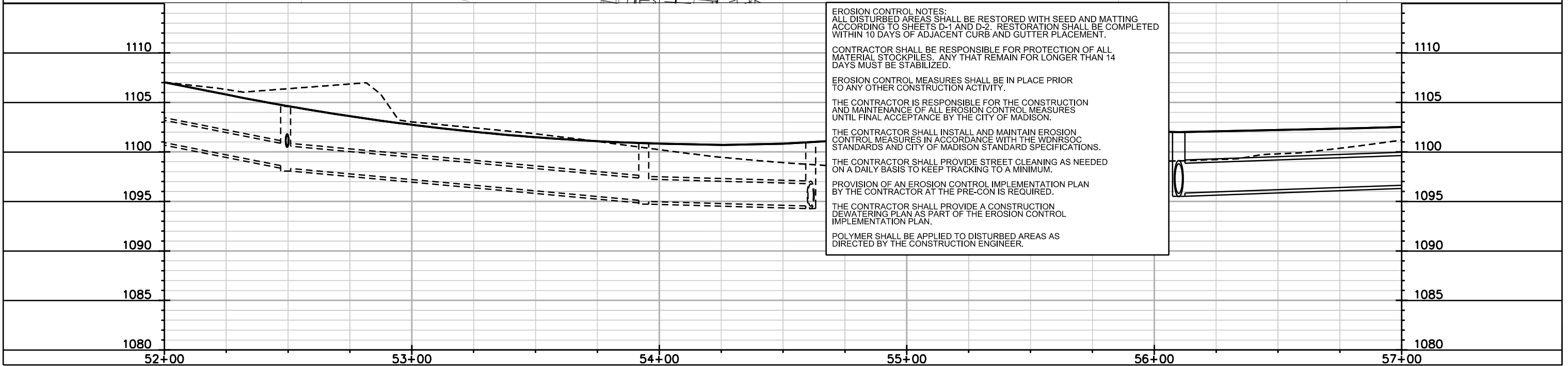
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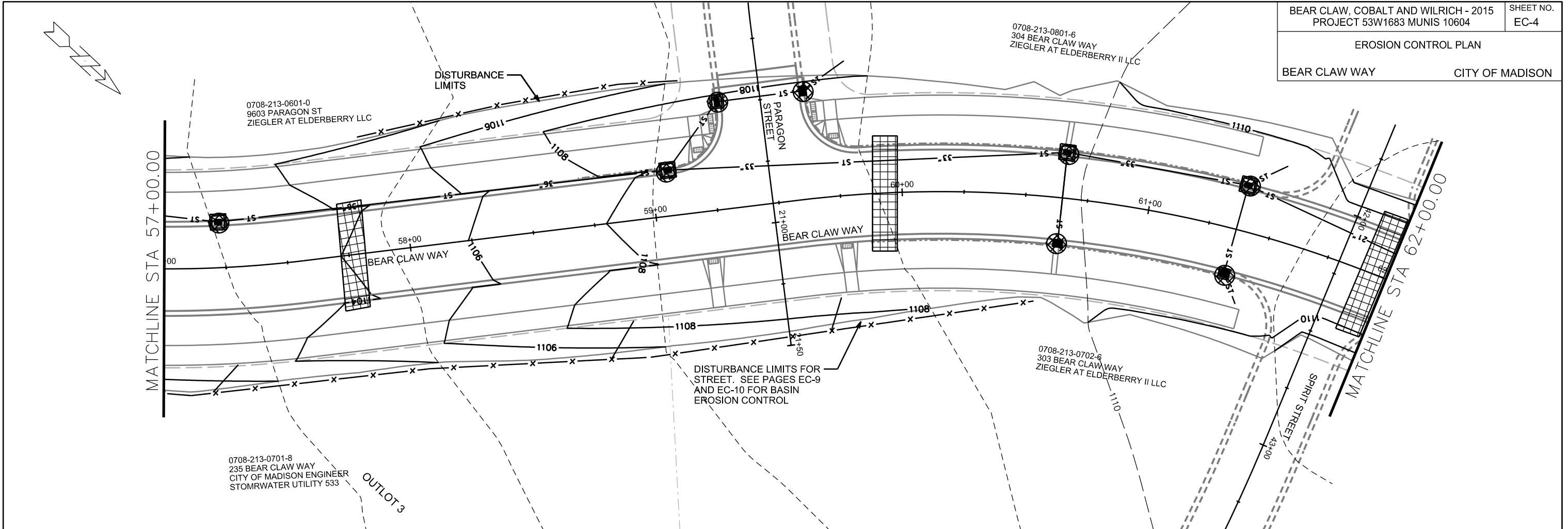


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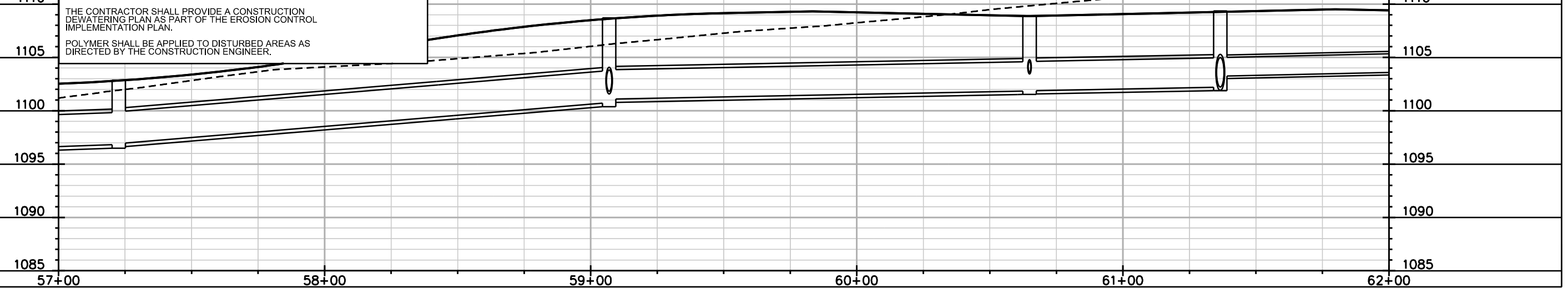
PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



	STREET CONSTRUCTION ENTRANCE BERM (S.D.D. 1.08)
	CONSTRUCTION ENTRANCE (S.D.D. 1.07)
	TYPE D HYBRID INLET PROTECTION
	SILT FENCE
	SILT SOCK (S.D.D. 1.09)
	STREET CONSTRUCTION STONE BERM (S.D.D. 1.10)

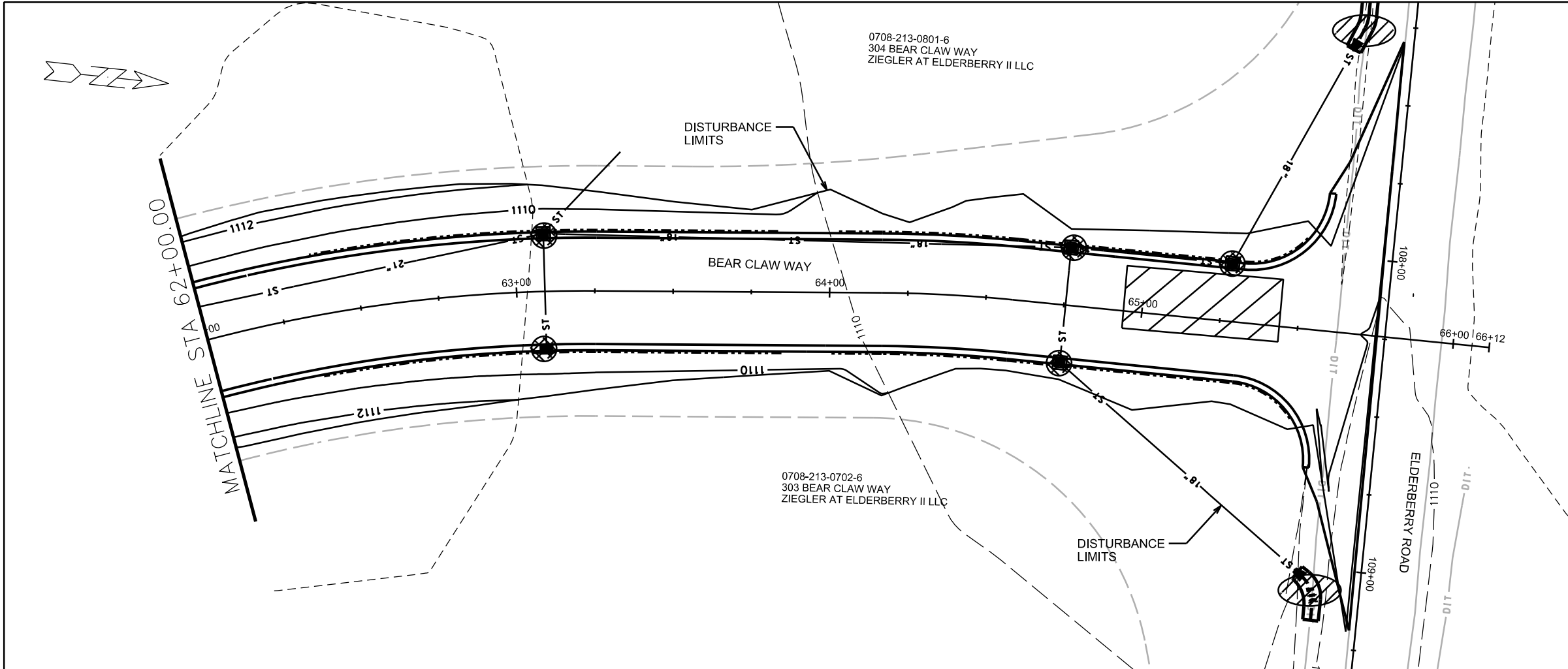


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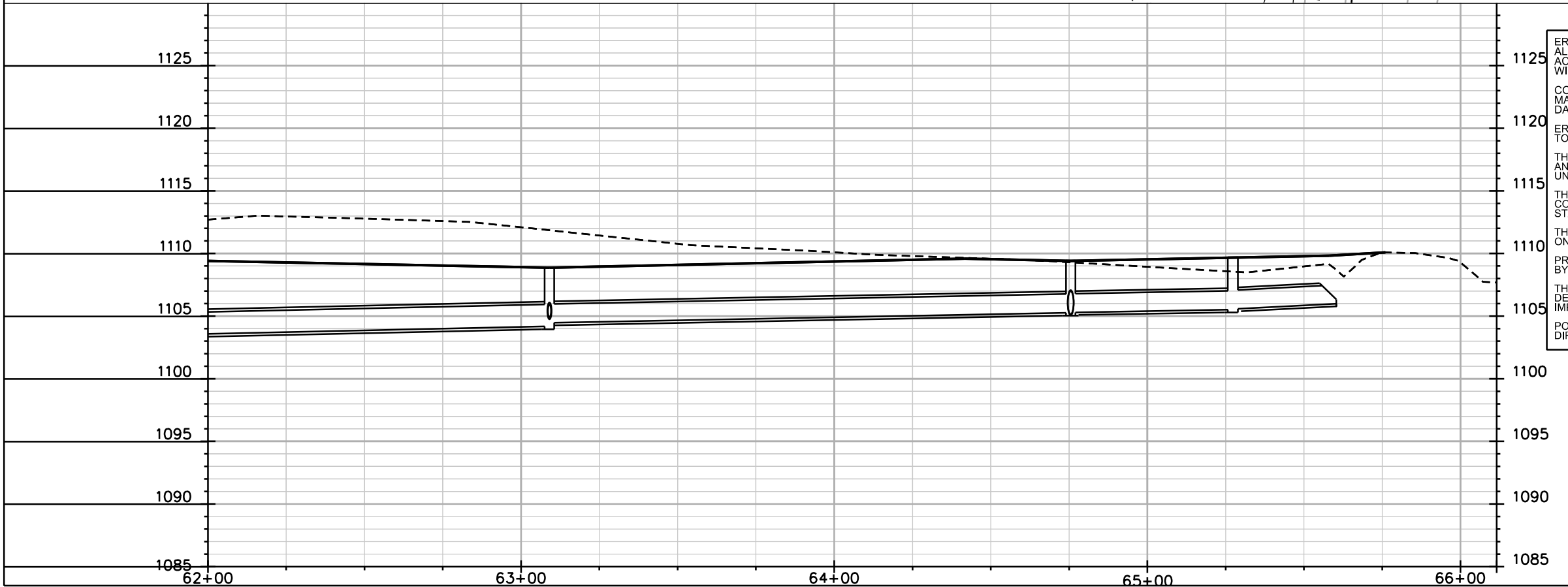
PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



- | | |
|--|---|
| | STREET CONSTRUCTION ENTRANCE BERM (S.D.D. 1.08) |
| | CONSTRUCTION ENTRANCE (S.D.D. 1.07) |
| | TYPE D HYBRID INLET PROTECTION |
| | TYPE C INLET PROTECTION |
| | SILT SOCK (S.D.D. 1.09) |
| | STREET CONSTRUCTION STONE BERM (S.D.D. 1.10) |



EROSION CONTROL NOTES:
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CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION OF ALL MATERIAL STOCKPILES. ANY THAT REMAIN FOR LONGER THAN 14 DAYS MUST BE STABILIZED.

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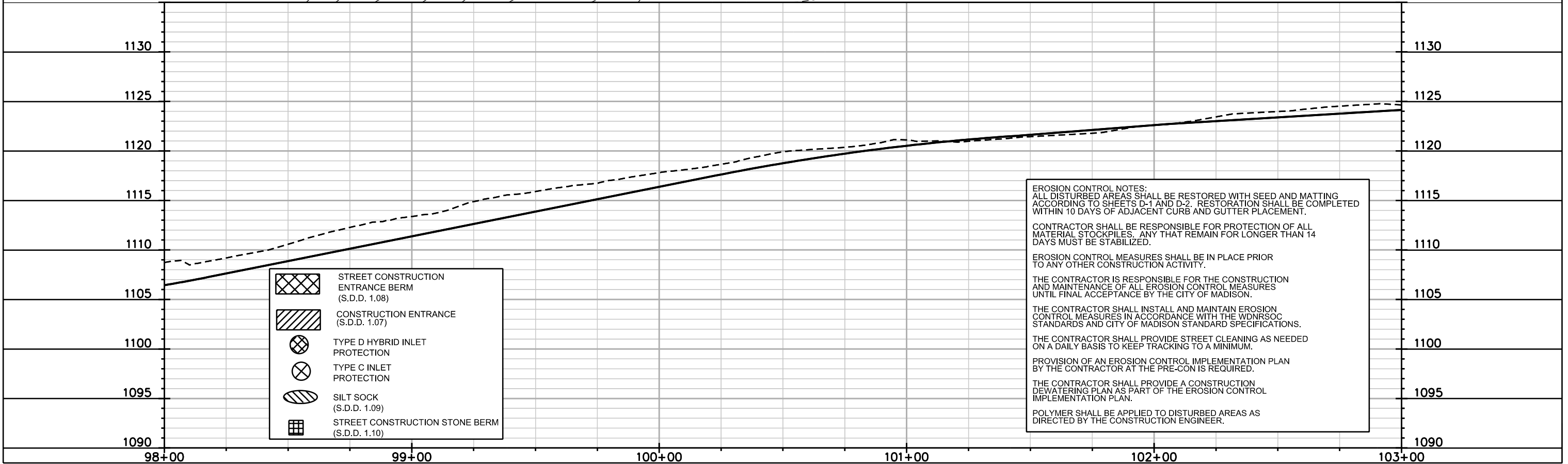
POLYMER SHALL BE APPLIED TO DISTURBED AREAS AS DIRECTED BY THE CONSTRUCTION ENGINEER.

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

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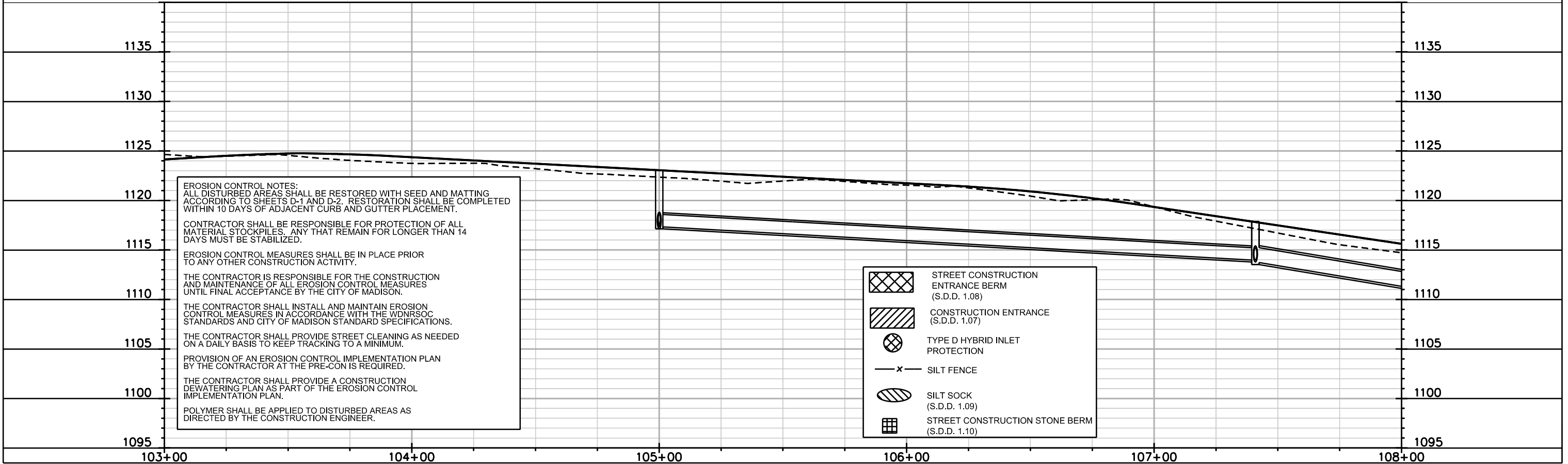
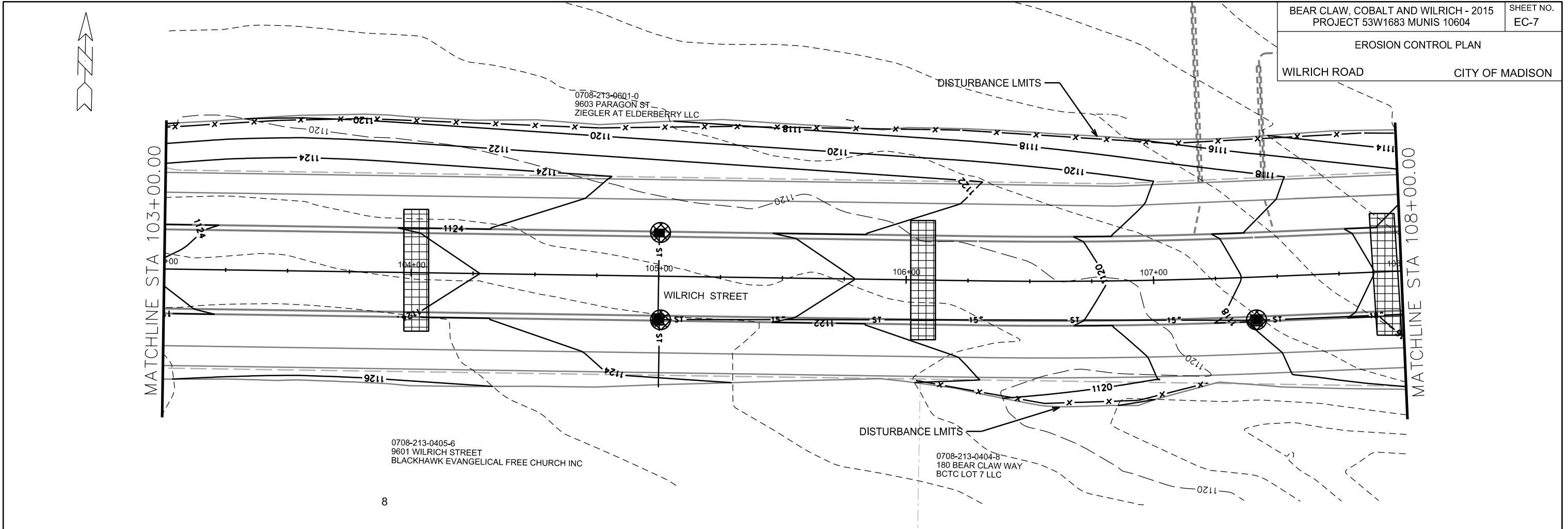
- STREET CONSTRUCTION ENTRANCE BERM (S.D.D. 1.08)
- CONSTRUCTION ENTRANCE (S.D.D. 1.07)
- TYPE D HYBRID INLET PROTECTION
- TYPE C INLET PROTECTION
- SILT SOCK (S.D.D. 1.09)
- STREET CONSTRUCTION STONE BERM (S.D.D. 1.10)

PLOT SCALE: _____

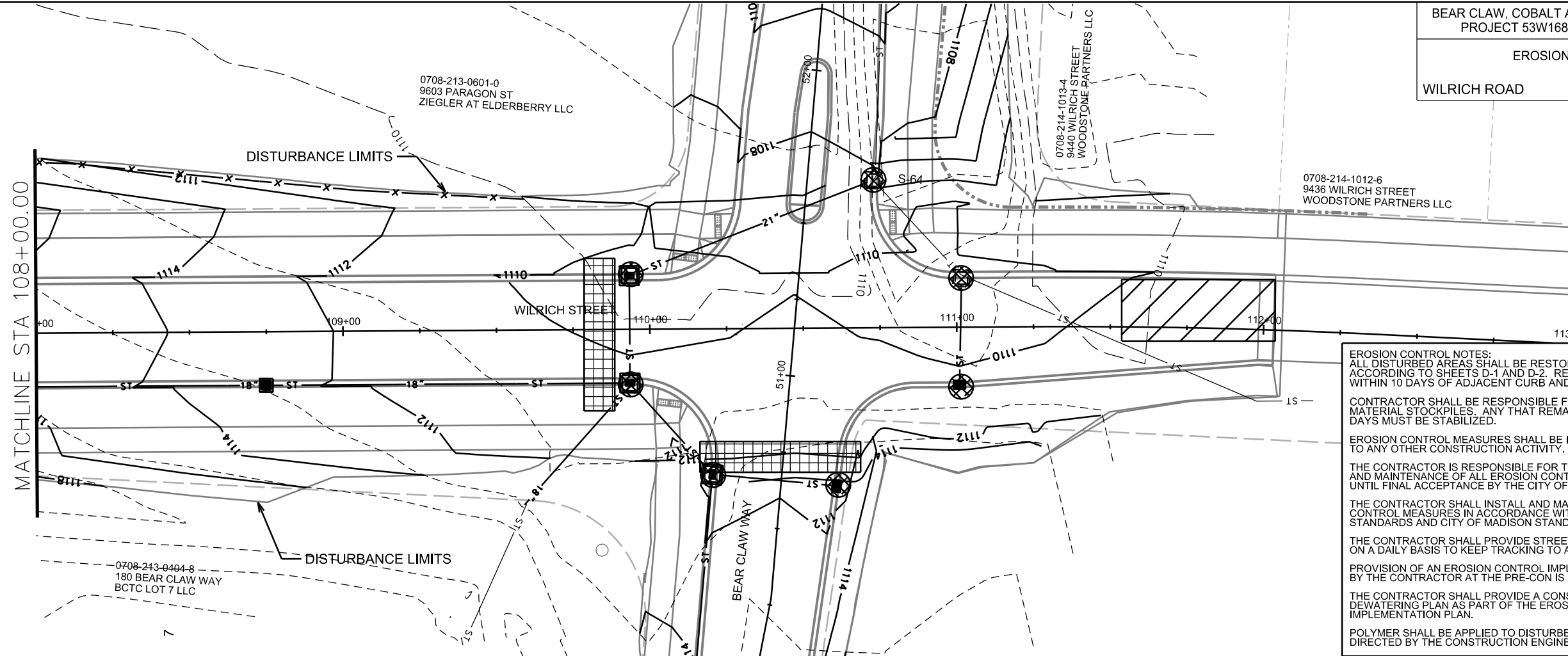
PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



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EROSION CONTROL NOTES:
 ALL DISTURBED AREAS SHALL BE RESTORED WITH SEED AND MATTING ACCORDING TO SHEETS D-1 AND D-2. RESTORATION SHALL BE COMPLETED WITHIN 10 DAYS OF ADJACENT CURB AND GUTTER PLACEMENT.

CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION OF ALL MATERIAL STOCKPILES. ANY THAT REMAIN FOR LONGER THAN 14 DAYS MUST BE STABILIZED.

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.

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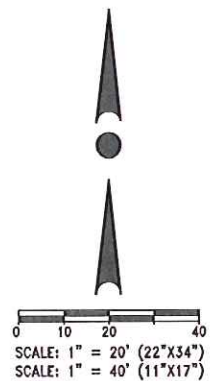
THE CONTRACTOR SHALL PROVIDE A CONSTRUCTION DEWATERING PLAN AS PART OF THE EROSION CONTROL IMPLEMENTATION PLAN.

POLYMER SHALL BE APPLIED TO DISTURBED AREAS AS DIRECTED BY THE CONSTRUCTION ENGINEER.



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

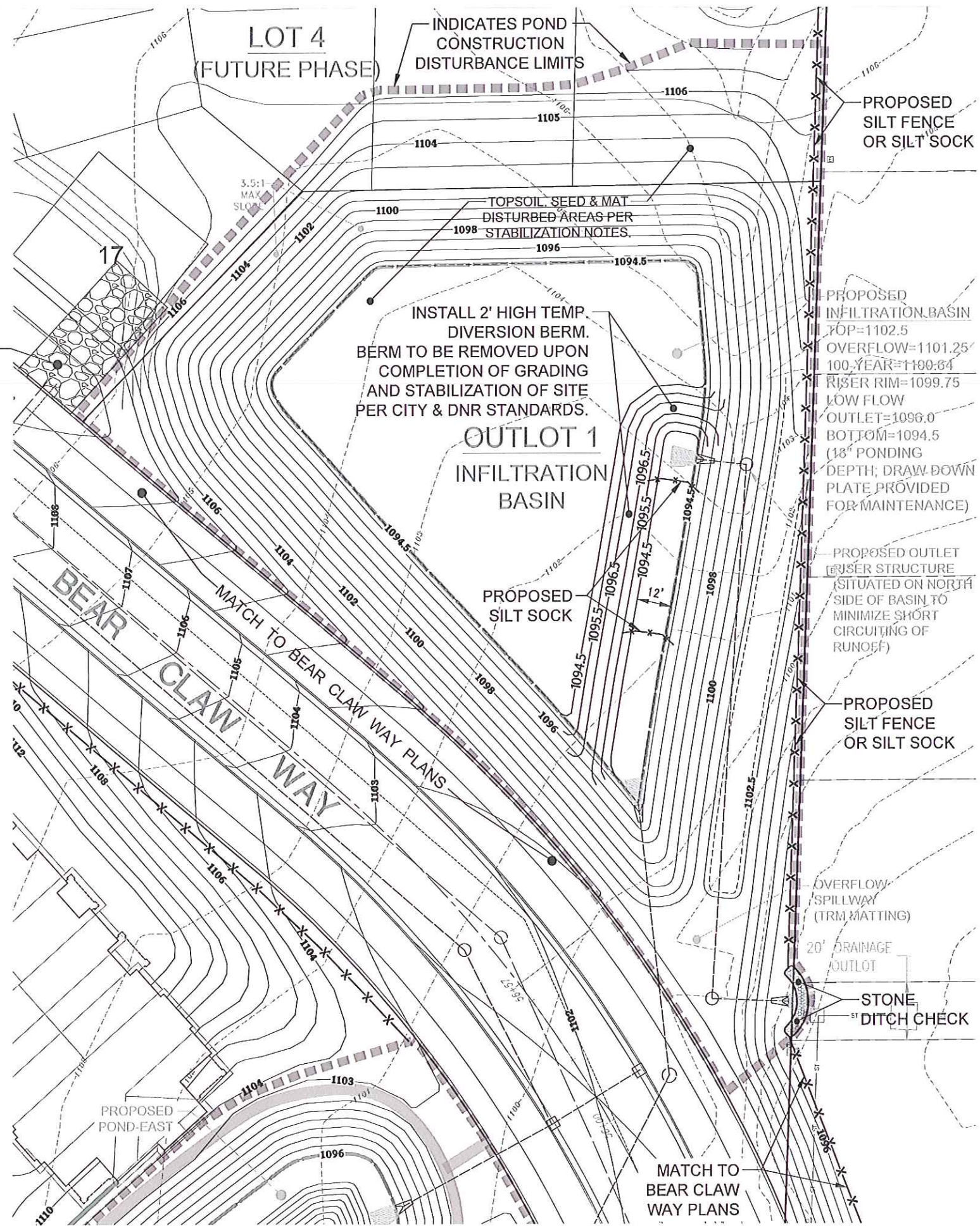
NOTE:
EXCAVATED MATERIAL SHALL BE PLACED WITHIN
FUTURE PRIVATE DEVELOPMENT AREA ADJACENT
TO POND. (AT THE DIRECTION OF THE OWNER)



LEGEND:

---1110---	EXISTING CONTOUR
—1110—	PROPOSED CONTOUR
←	PROPOSED FLOW ARROW
1110.00	PROPOSED SPOT ELEVATION

STABILIZATION & SEEDING NOTE:
 - ALL DISTURBED AREA ABOVE THE INFILTRATION BASIN BOTTOM SHALL BE STABILIZED WITH POLYMER, EROSION MATTING CLASS I TYPE B ORGANIC, AND DETENTION BASIN SEEDING PER CITY OF MADISON STANDARD SPECIFICATIONS.
 - INFILTRATION BASIN BOTTOM SHALL BE SEEDING WITH INFILTRATION SEEDING MIX PER CITY OF MADISON STANDARD SPECIFICATIONS.



12550 W. NORTH AVENUE
BROOKFIELD, WI 53005
PHONE: (262) 793-1450
FAX: (262) 793-1451
EMAIL: jpu@trioeng.com



PROJECT:
PARAGON PLACE AT BEAR CLAW WAY
 ELDERBERRY NEIGHBORHOOD
 CITY OF MADISON, WI

BY: United Financial Group, Inc.
 660 W. Ridgeview Drive
 Appleton, WI 54911

REVISION HISTORY

DATE	DESCRIPTION
05/21/15	CITY SWMP UPDATES
04/08/15	SITE UPDATES

DATE:
MAY 21, 2015

JOB NUMBER:
12041

DESCRIPTION:
 INFILTRATION BASIN
 EROSION CONTROL
 PLAN

SHEET
F-ECP



PROJECT:
PARAGON PLACE AT BEAR CLAW WAY
 ELDERBERRY NEIGHBORHOOD
 CITY OF MADISON, WI

BY: United Financial Group, Inc.
 660 W. Ridgeway Drive
 Appleton, WI 54911

REVISION HISTORY	
DATE	DESCRIPTION
05/21/15	CITY SWMP UPDATES
04/08/15	SITE UPDATES

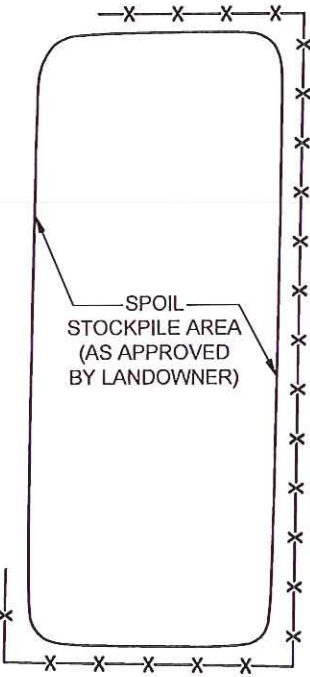
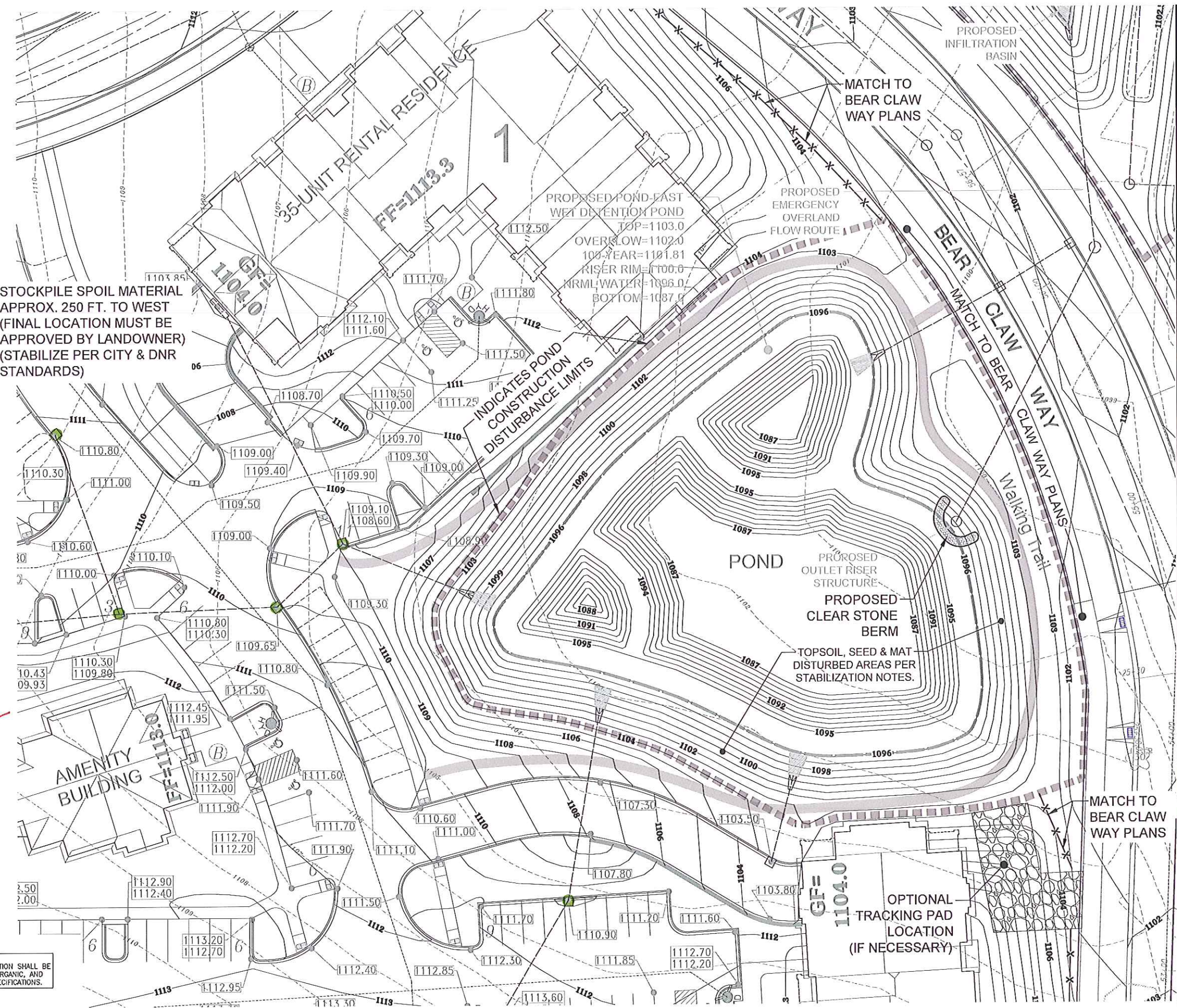
DATE:
 MAY 21, 2015

JOB NUMBER:
 12041

DESCRIPTION:
 POND-EAST
 EROSION CONTROL
 PLAN

SHEET

E-ECP



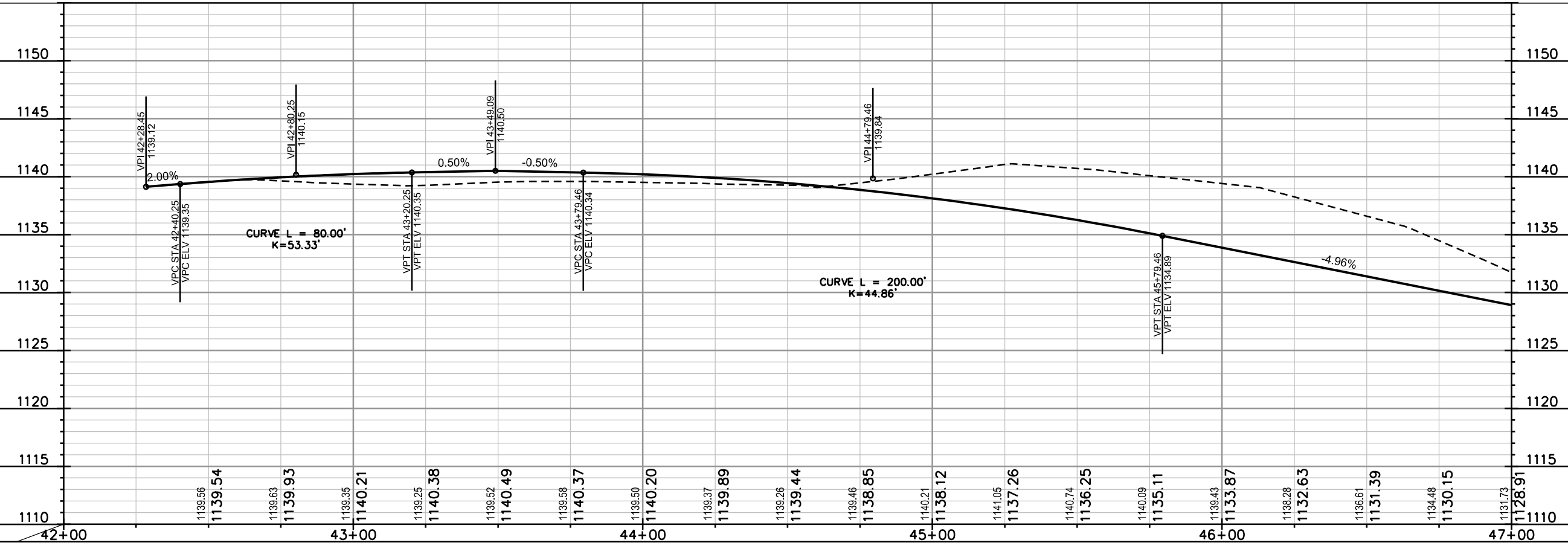
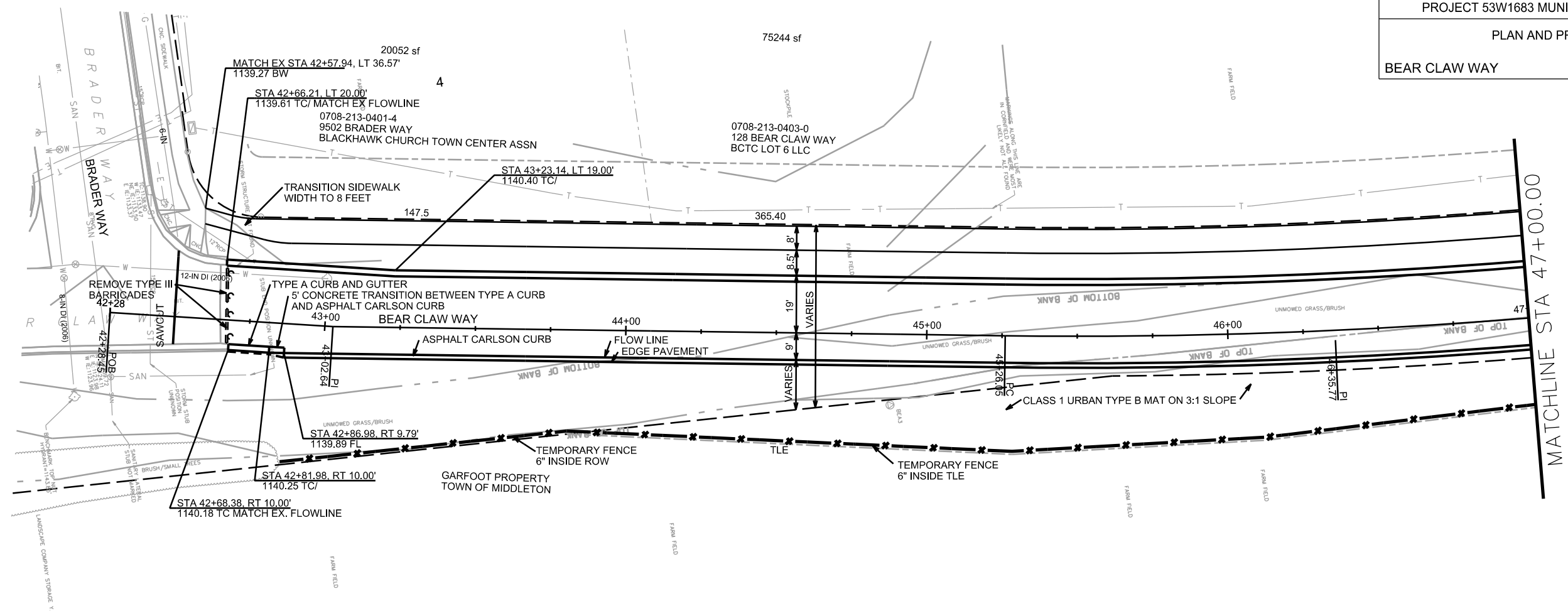
STOCKPILE SPOIL MATERIAL
 APPROX. 250 FT. TO WEST
 (FINAL LOCATION MUST BE
 APPROVED BY LANDOWNER)
 (STABILIZE PER CITY & DNR
 STANDARDS)



LEGEND:

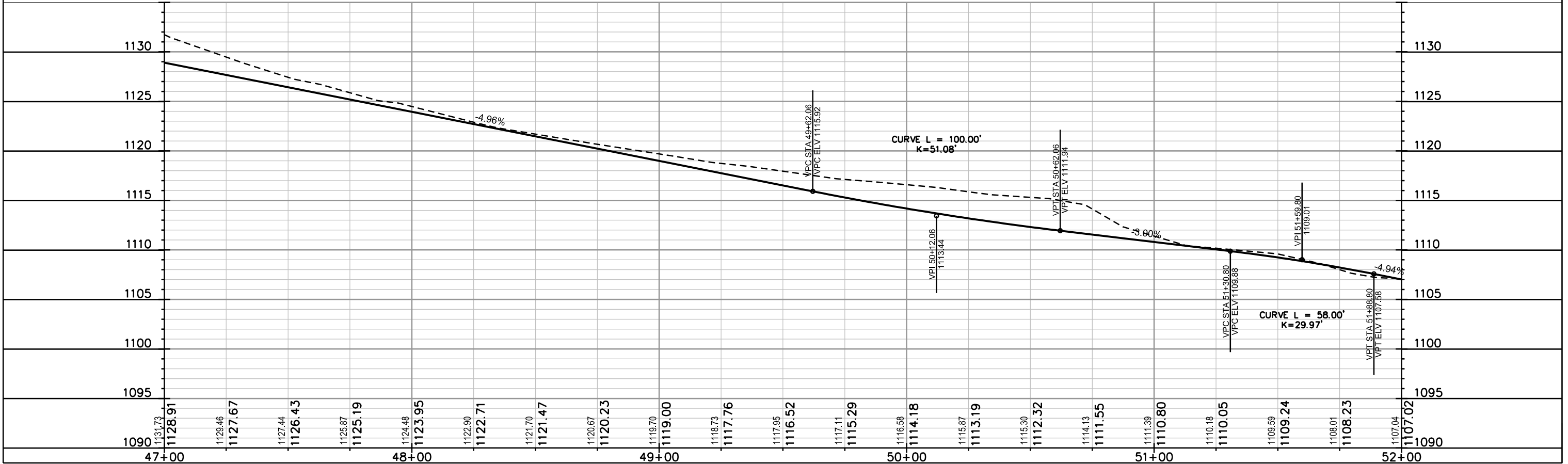
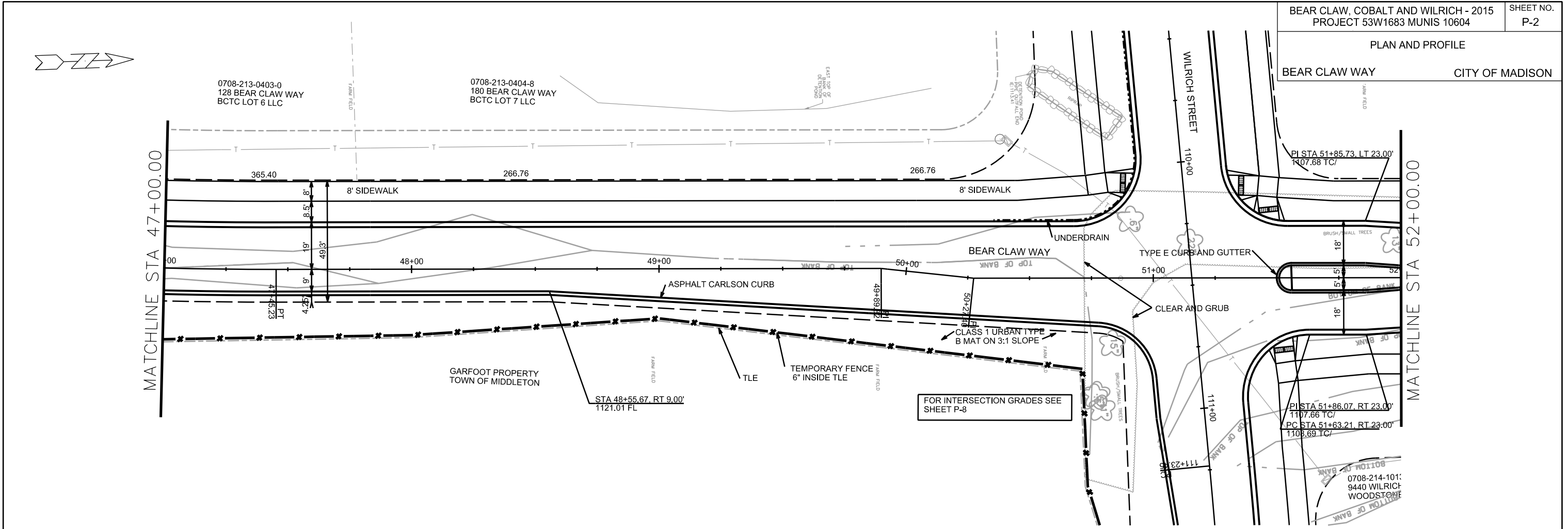
---	EXISTING CONTOUR
---	PROPOSED CONTOUR
←	PROPOSED FLOW ARROW
1112.00	PROPOSED SPOT ELEVATION

STABILIZATION & SEEDING NOTE:
 ALL DISTURBED AREA ABOVE PERMANENT WATER SURFACE ELEVATION SHALL BE
 STABILIZED WITH POLYMER, EROSION MATTING CLASS I TYPE B ORGANIC, AND
 DETENTION BASIN SEEDING PER CITY OF MADISON STANDARD SPECIFICATIONS.



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

PLAN AND PROFILE
BEAR CLAW WAY CITY OF MADISON

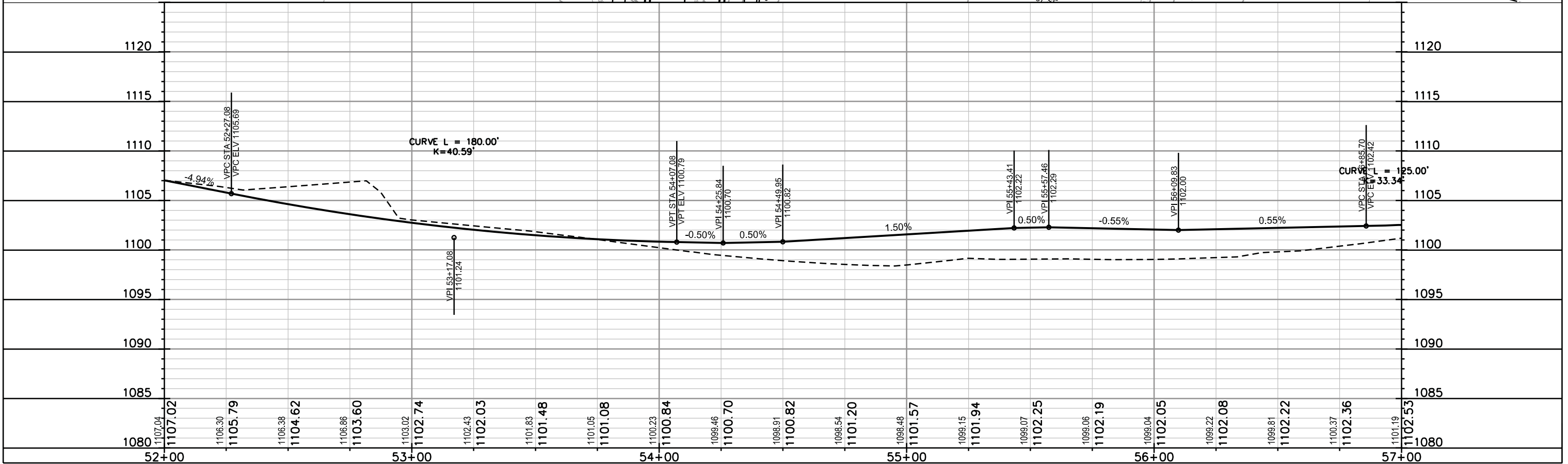
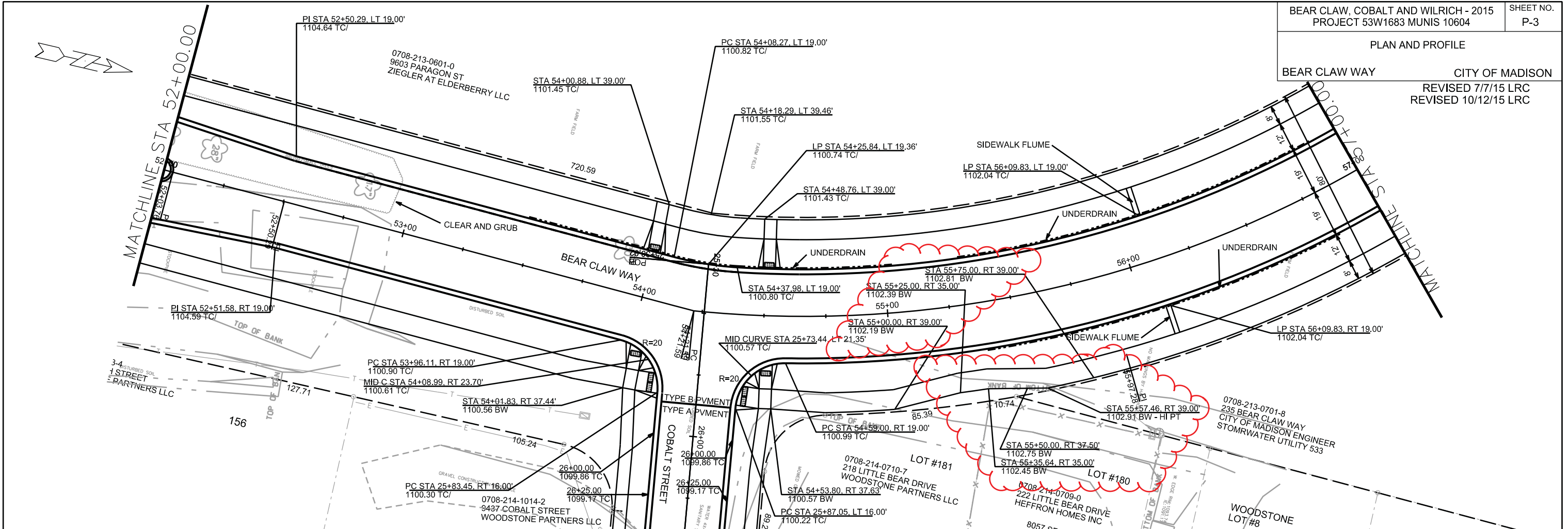


PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

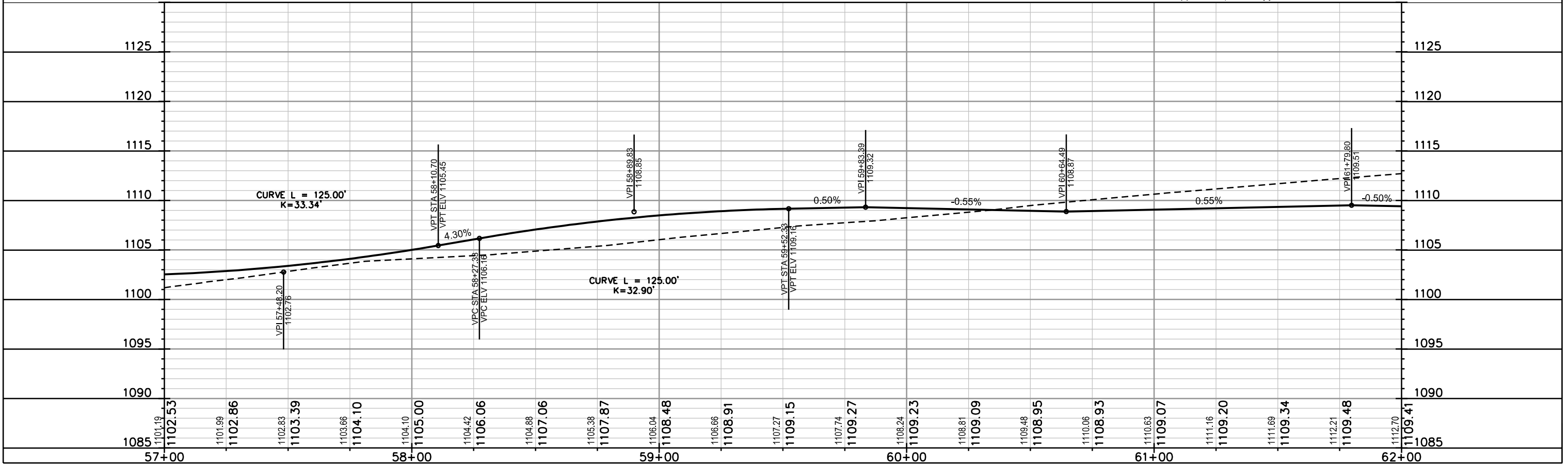
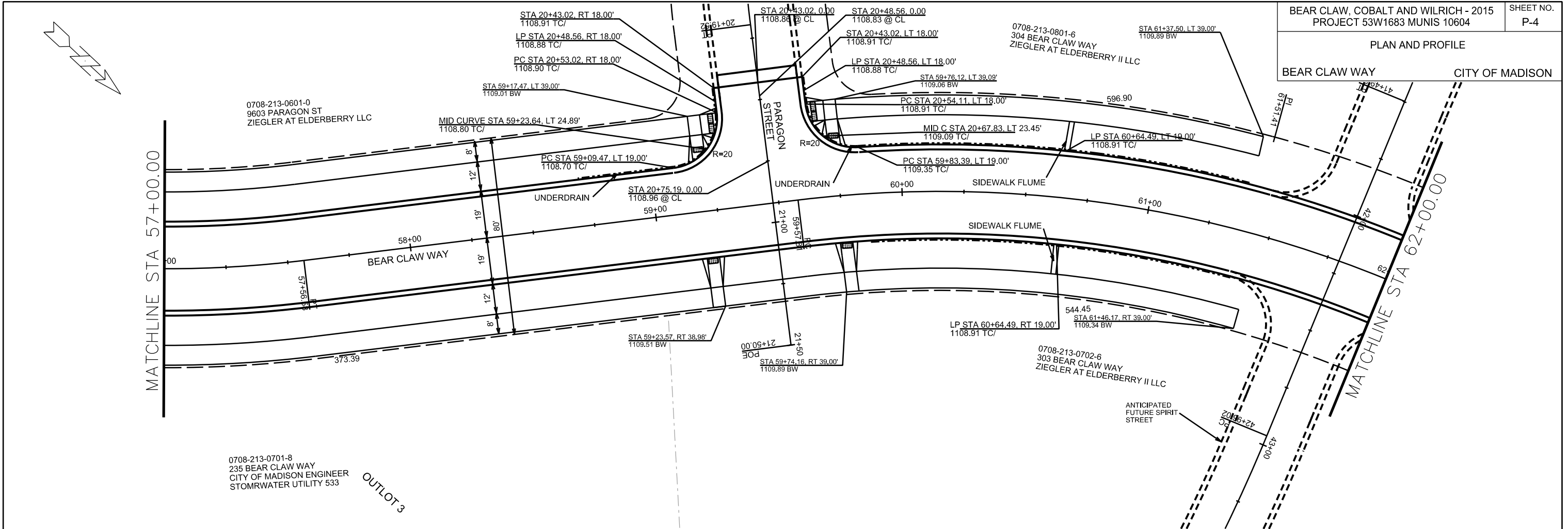


PLOT SCALE: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLAN AND PROFILE
BEAR CLAW WAY CITY OF MADISON



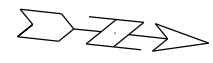
PLOT SCALE: _____

REV. DATE: _____

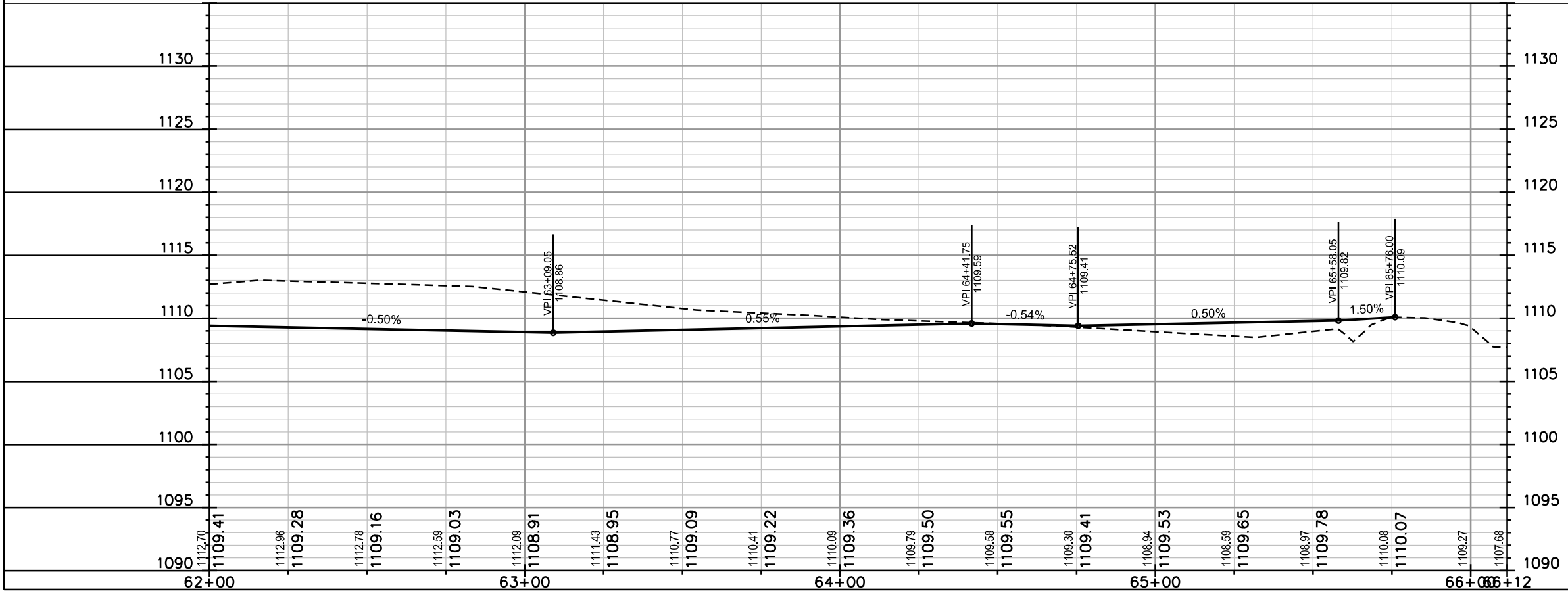
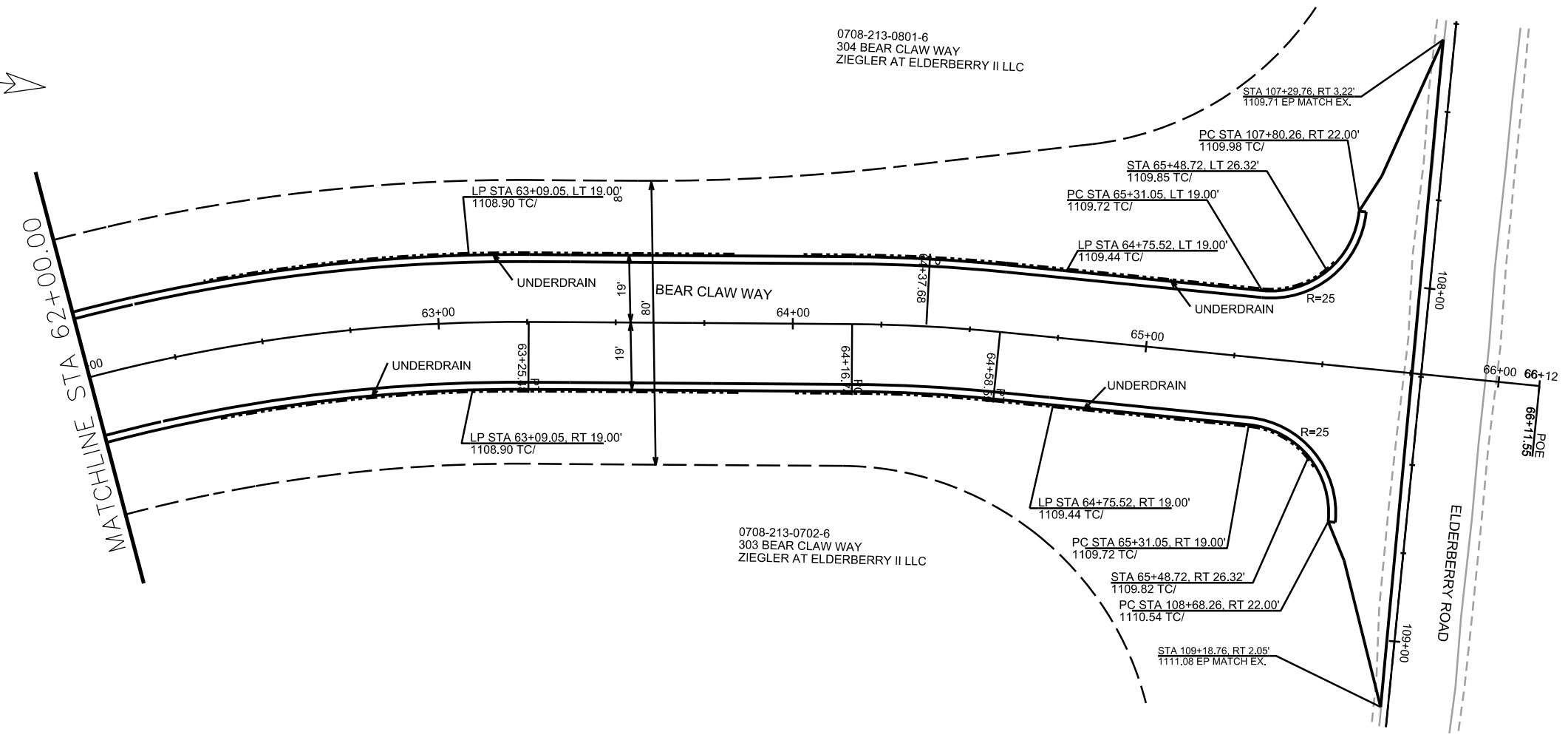
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

0708-213-0801-6
304 BEAR CLAW WAY
ZIEGLER AT ELDERBERRY II LLC

0708-213-0702-6
303 BEAR CLAW WAY
ZIEGLER AT ELDERBERRY II LLC



MATCHLINE STA 62+00.00



PLOT SCALE: _____

PLOT NAME: _____

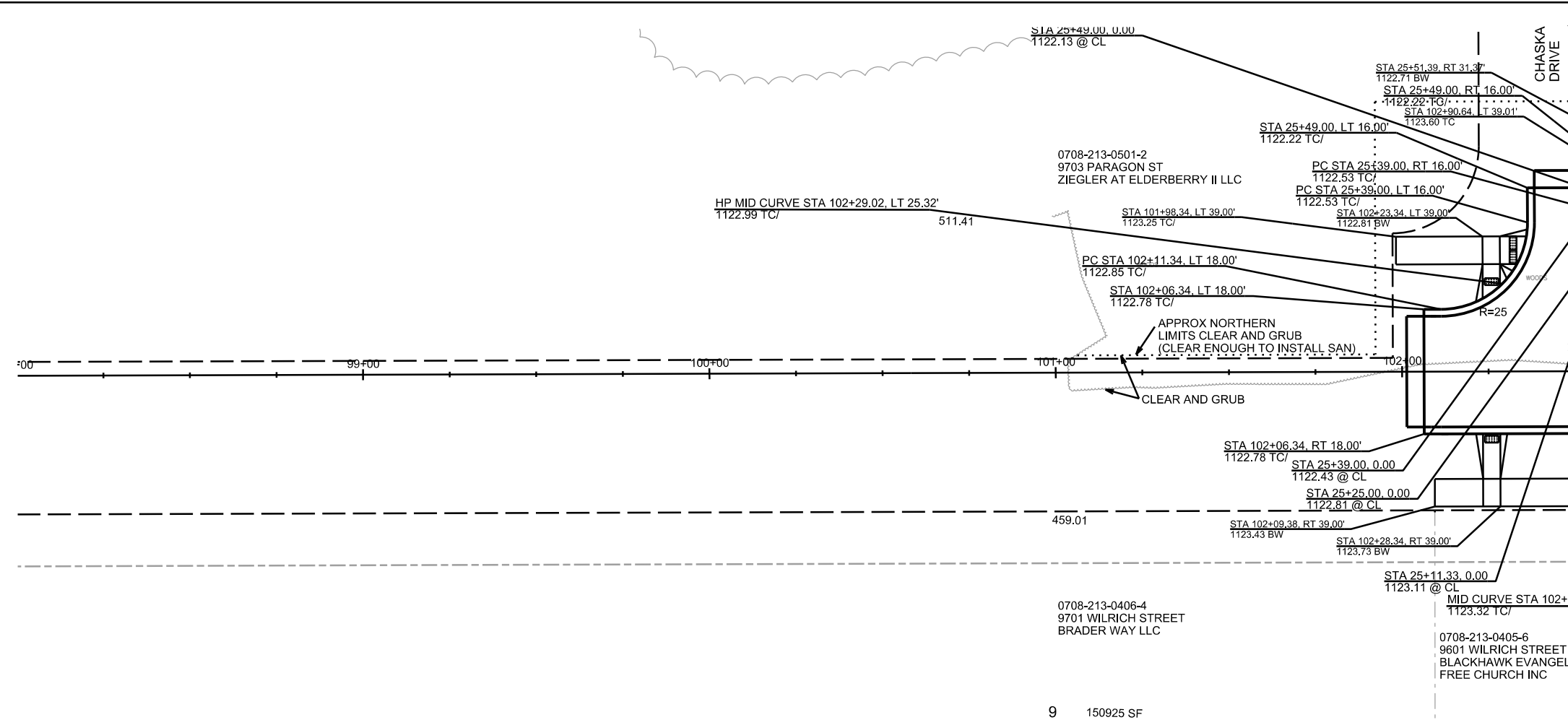
REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

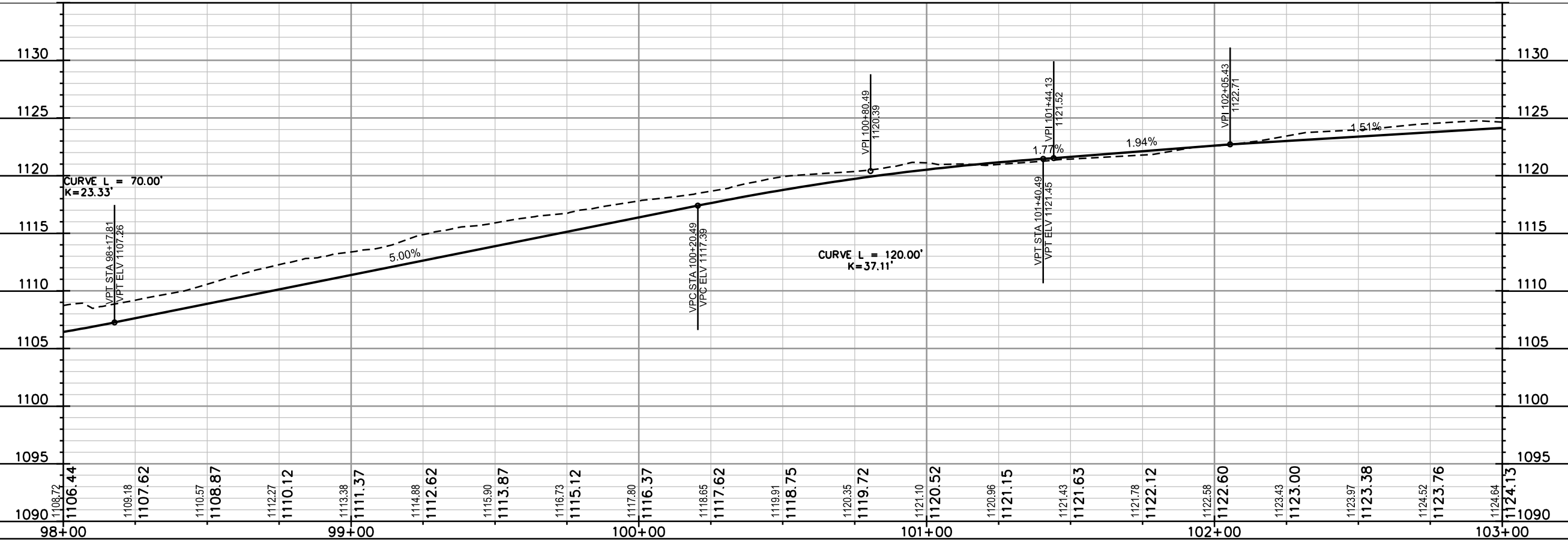
PLAN AND PROFILE

WILRICH STREET CITY OF MADISON

MATCHLINE STA 103+00.00



9 150925 SF

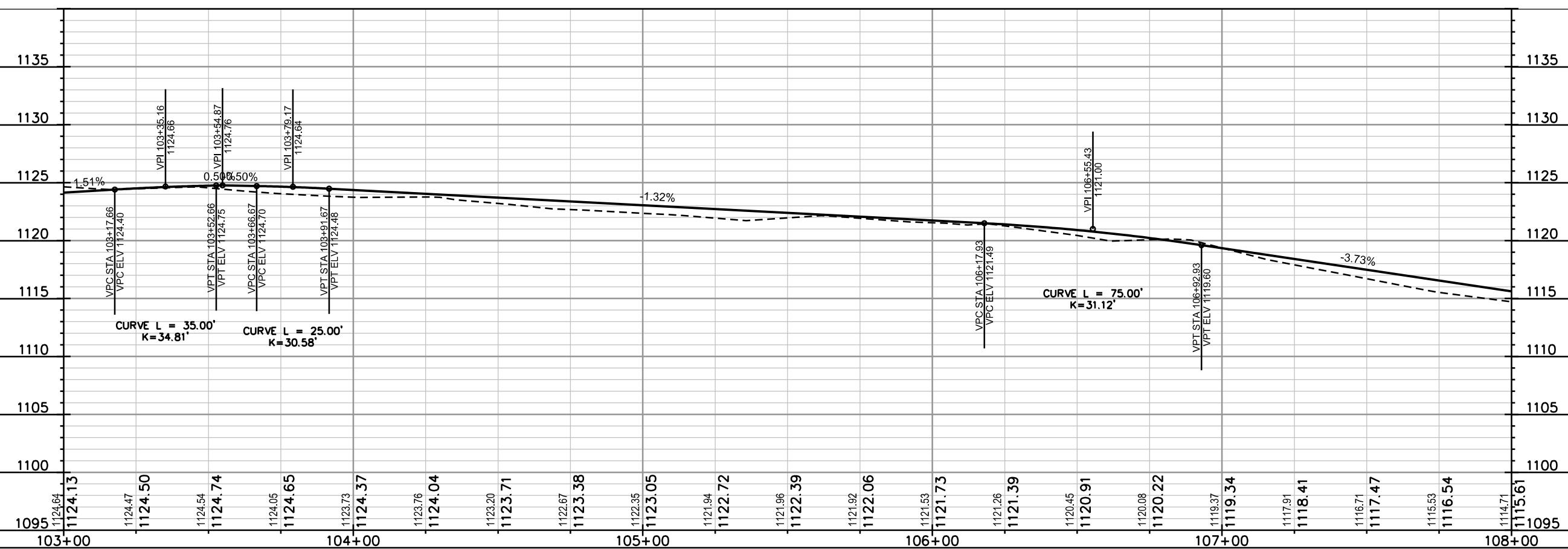
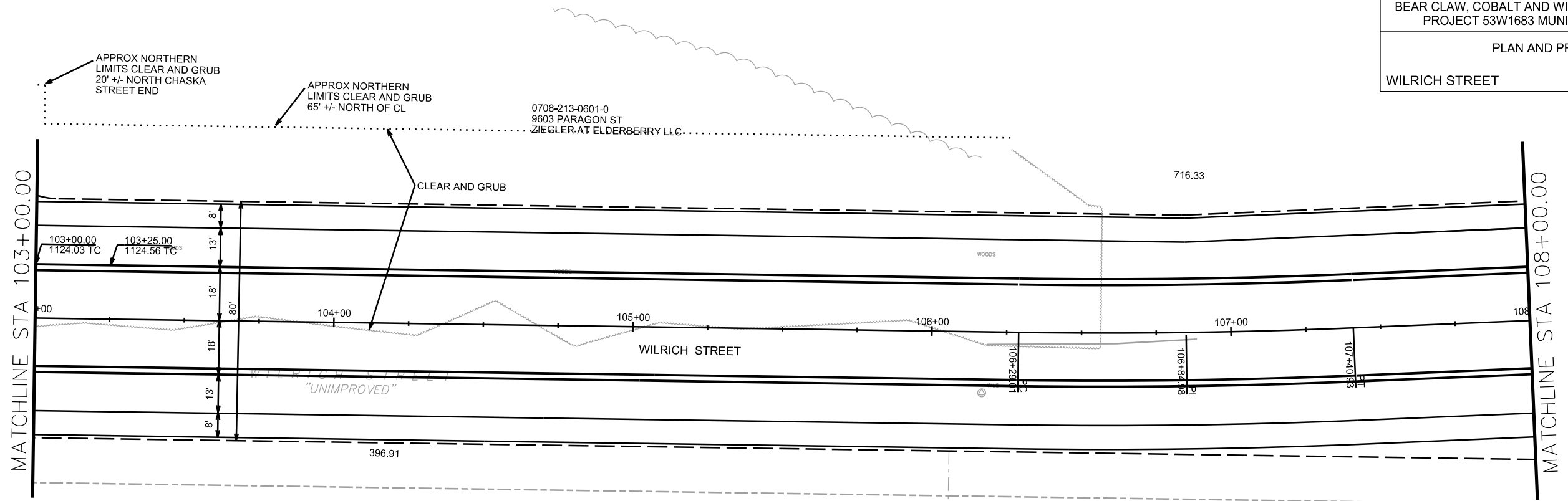


PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



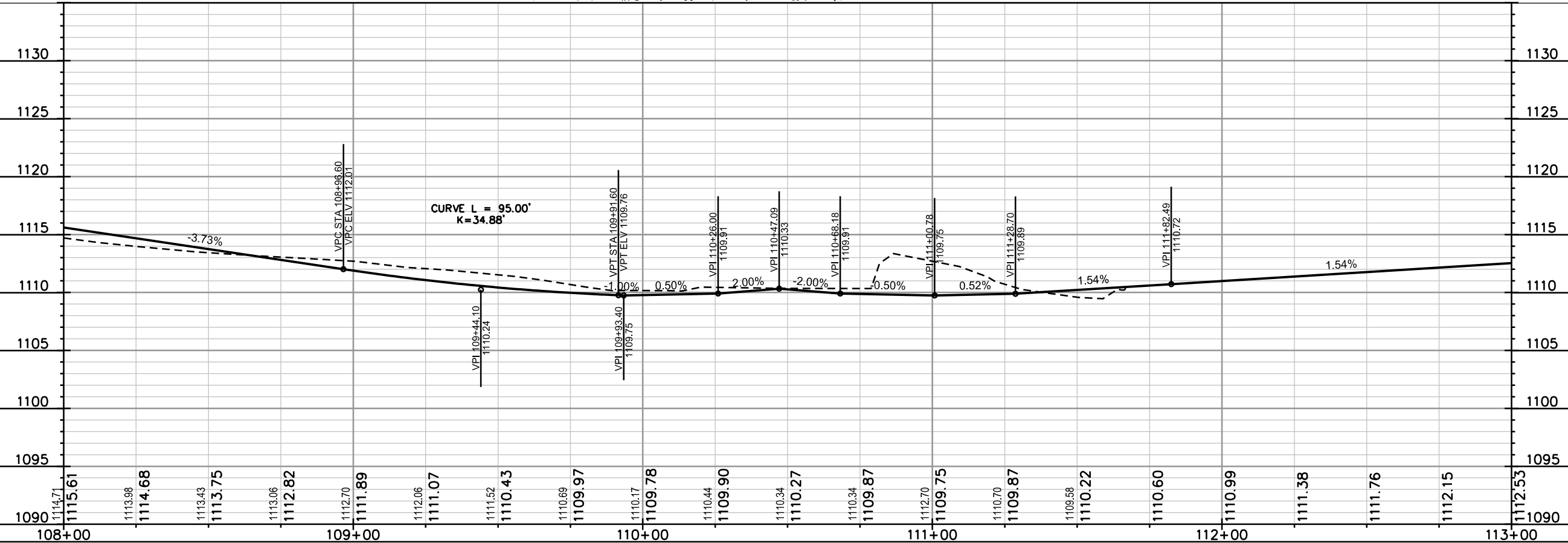
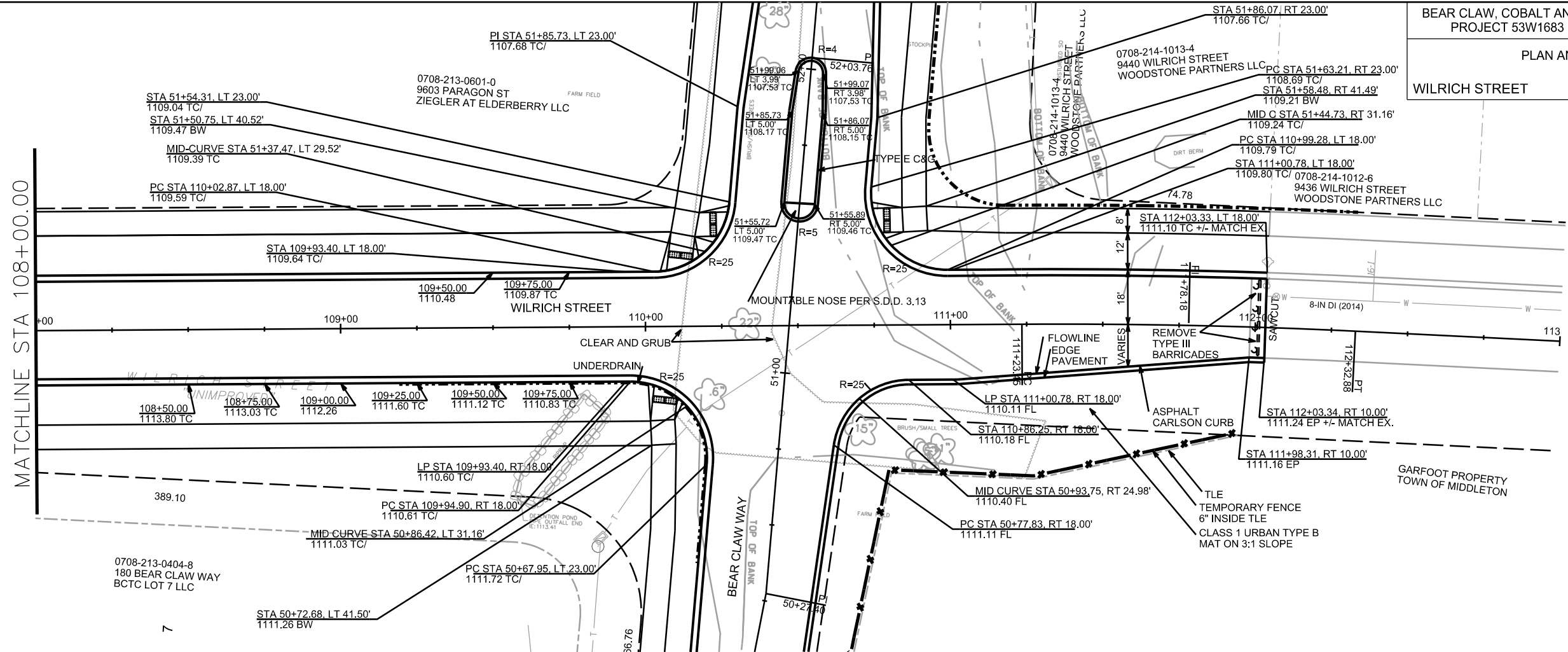
PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLAN AND PROFILE
WILRICH STREET CITY OF MADISON



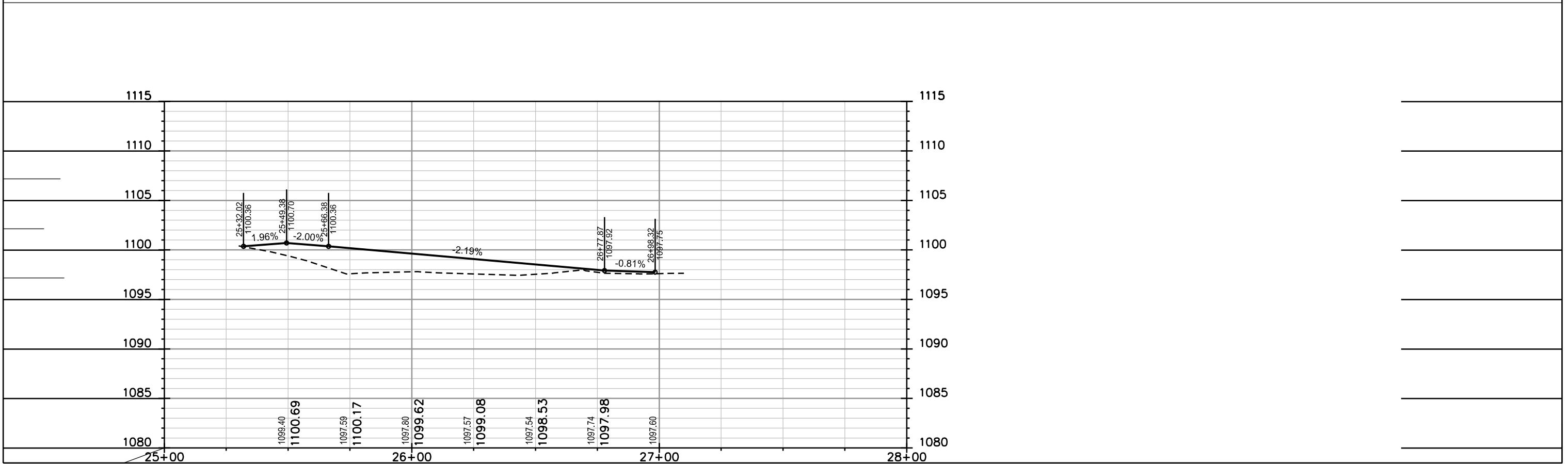
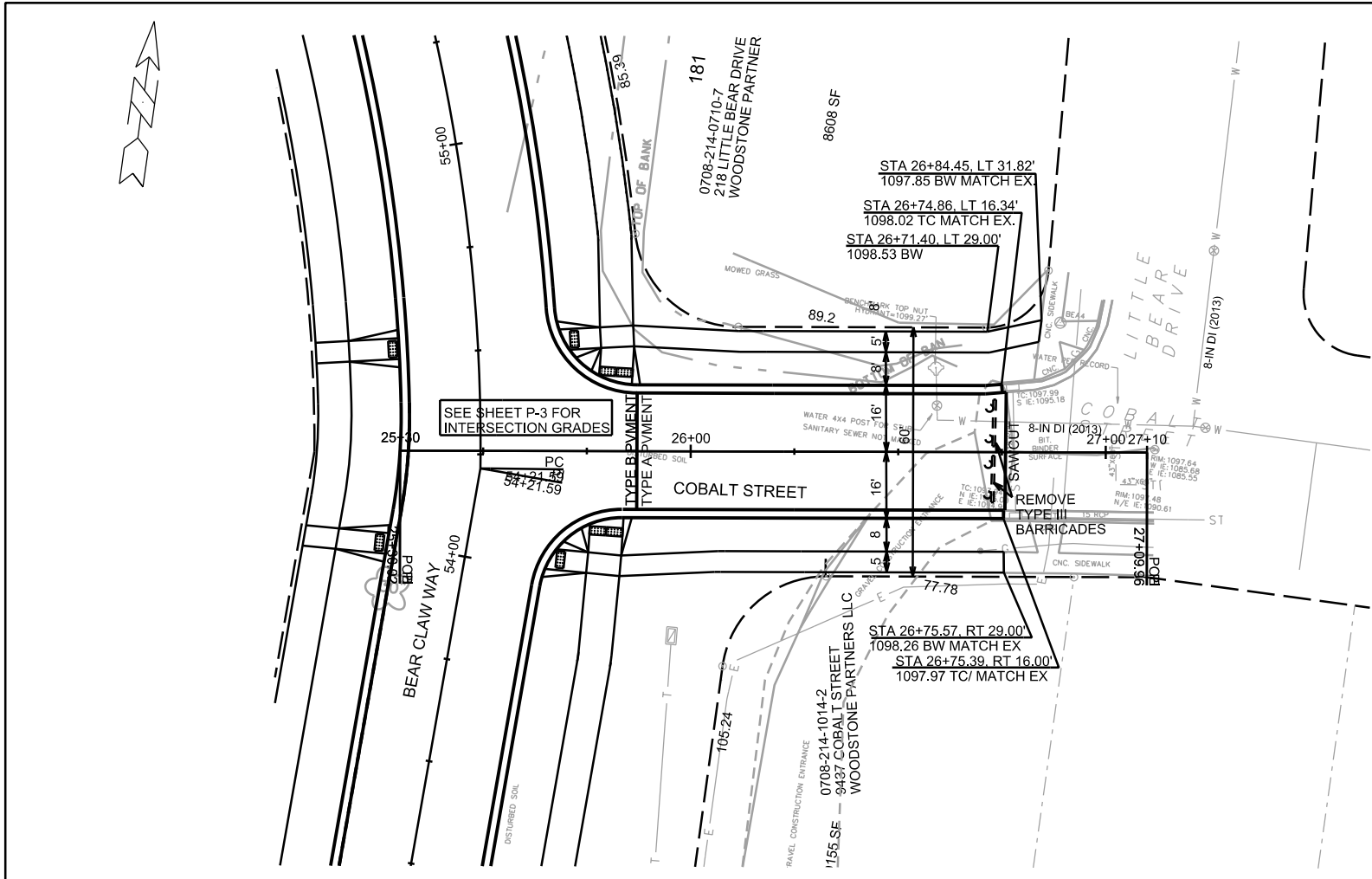
PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLAN AND PROFILE
COBALT STREET CITY OF MADISON

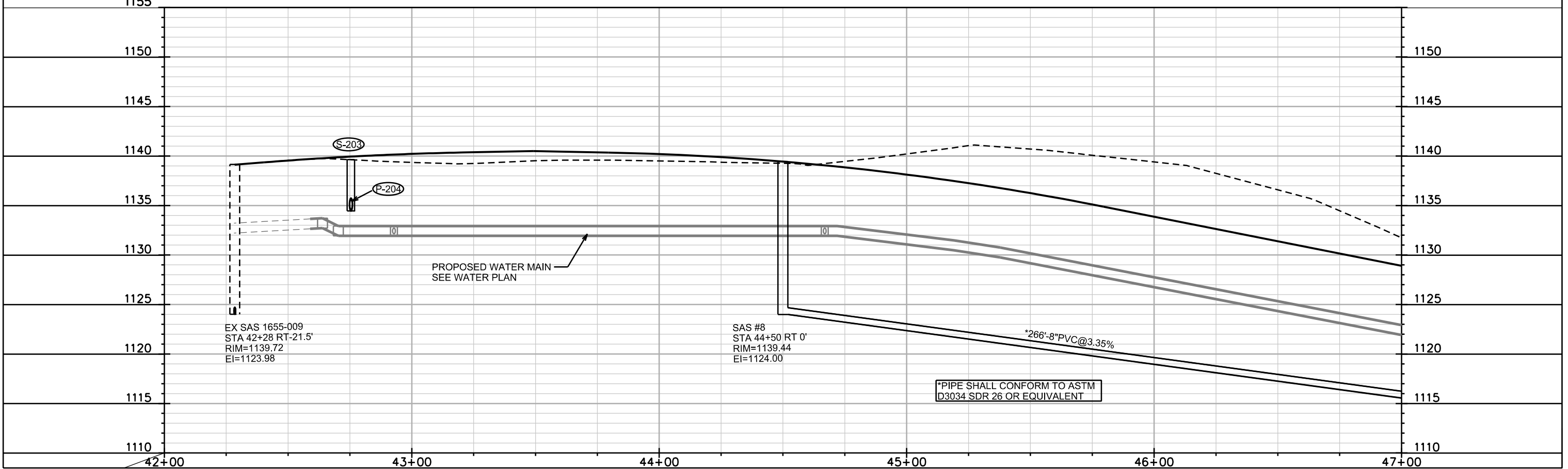
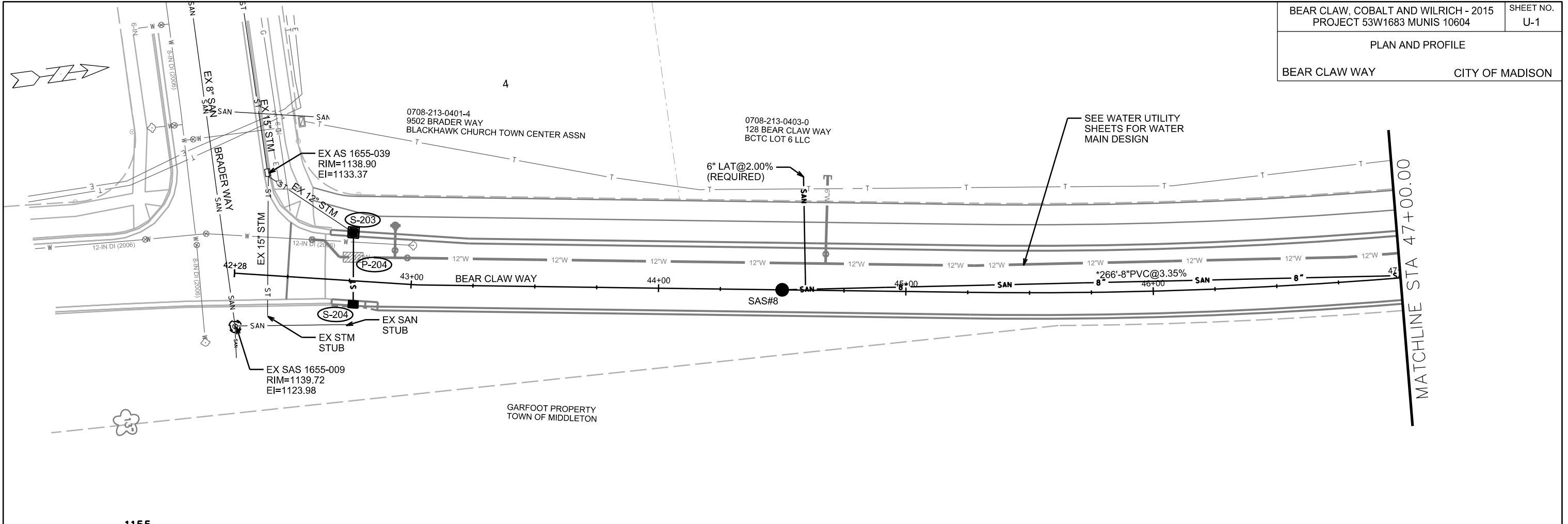


PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

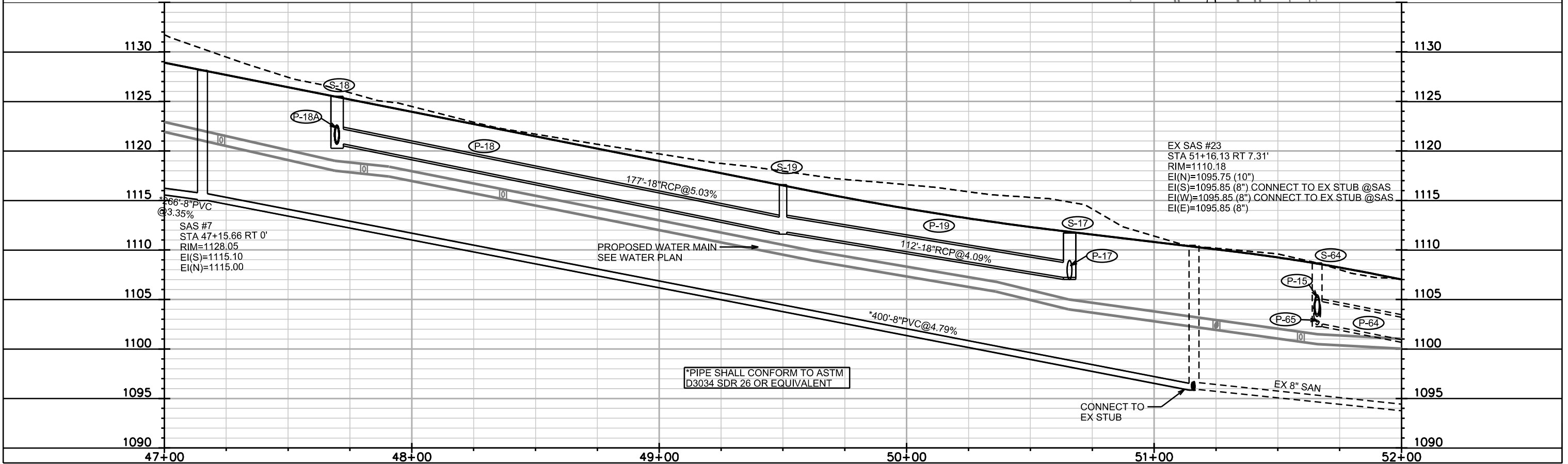
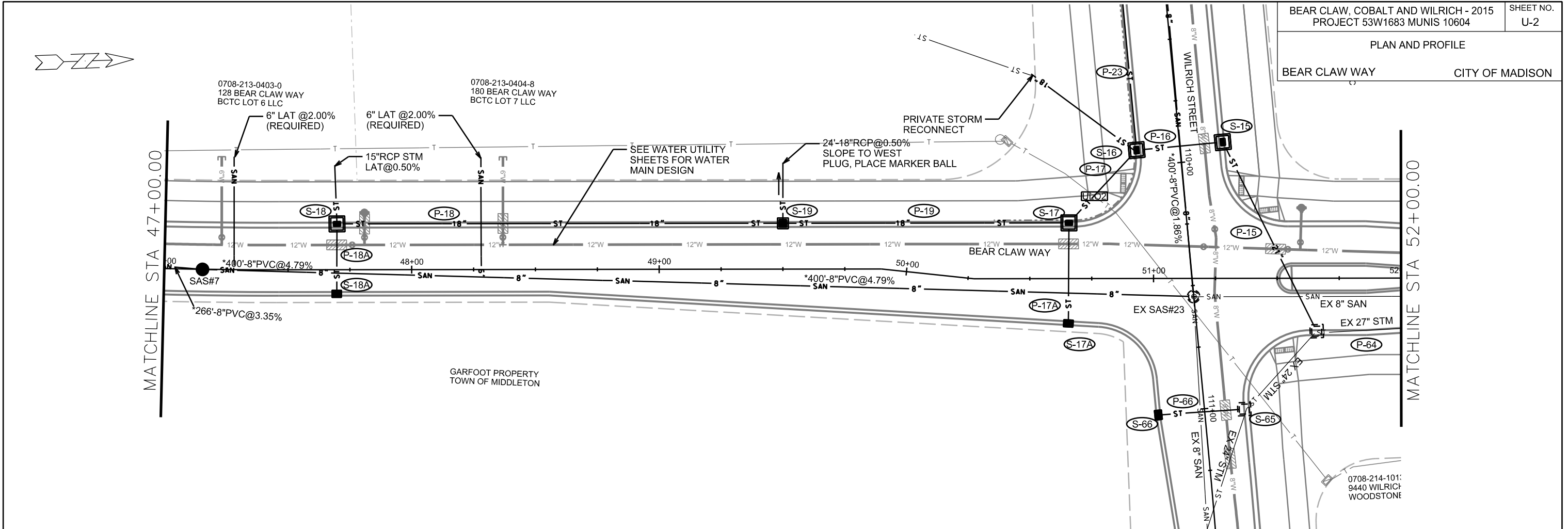


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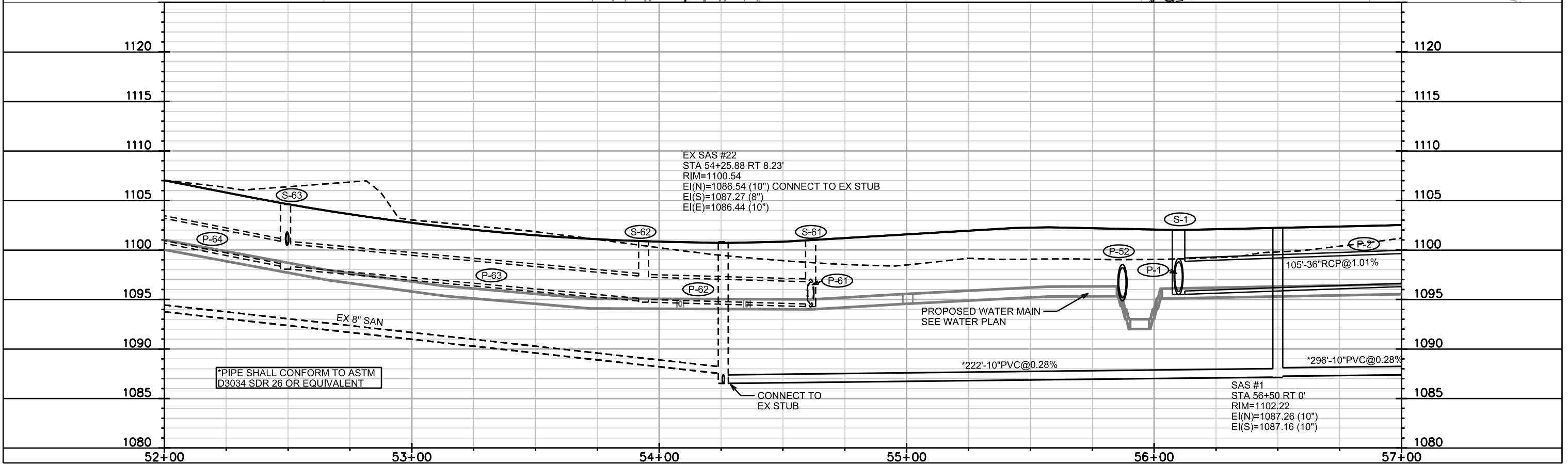
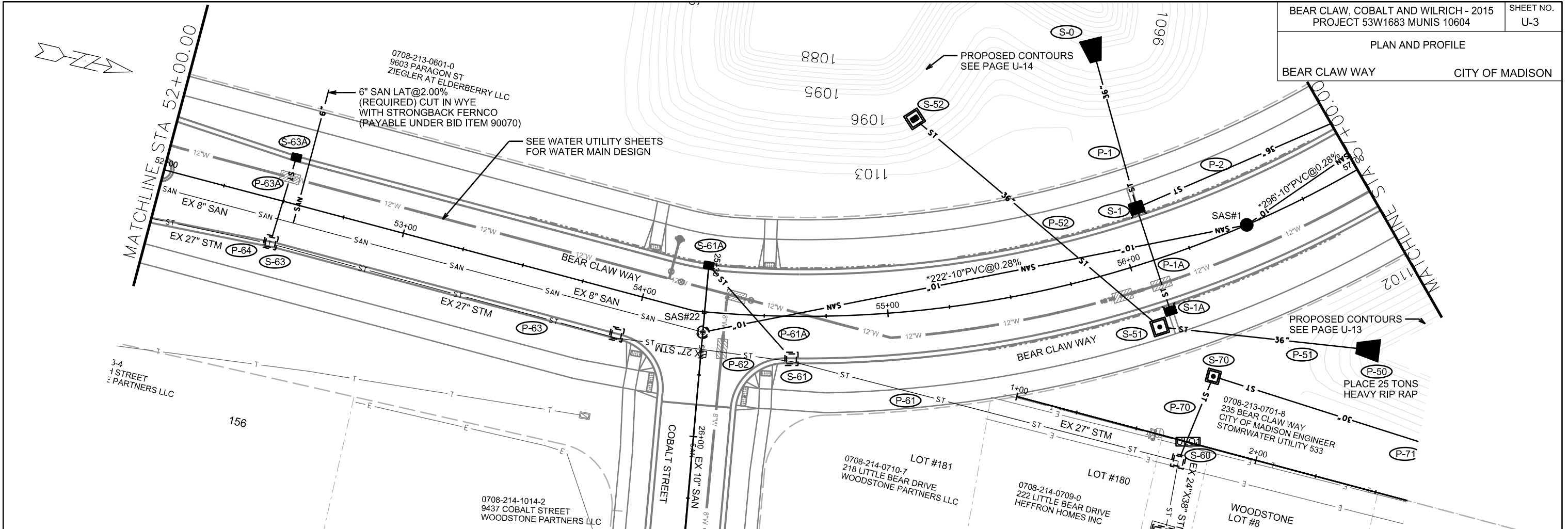
PLOT NAME: _____

REV. DATE: _____

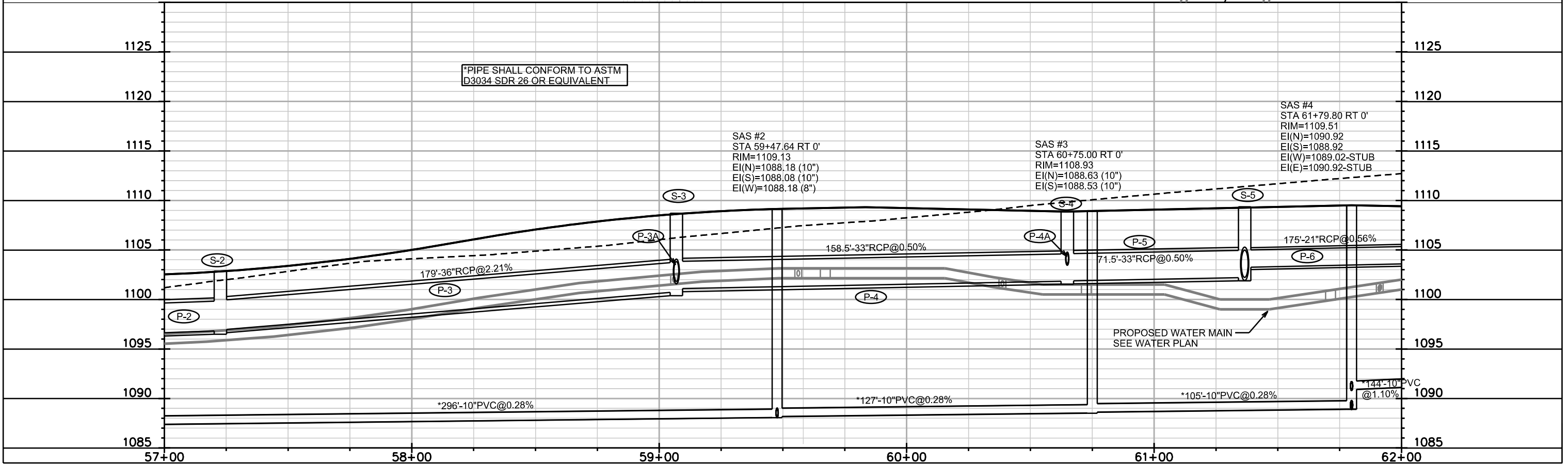
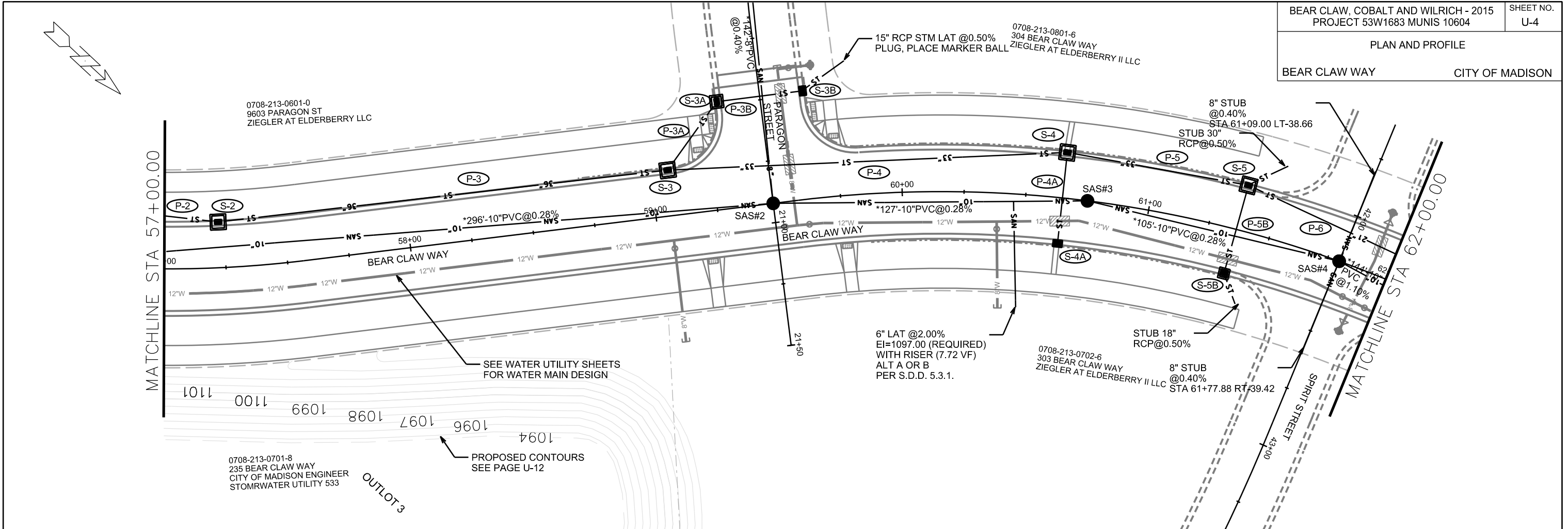
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



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



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

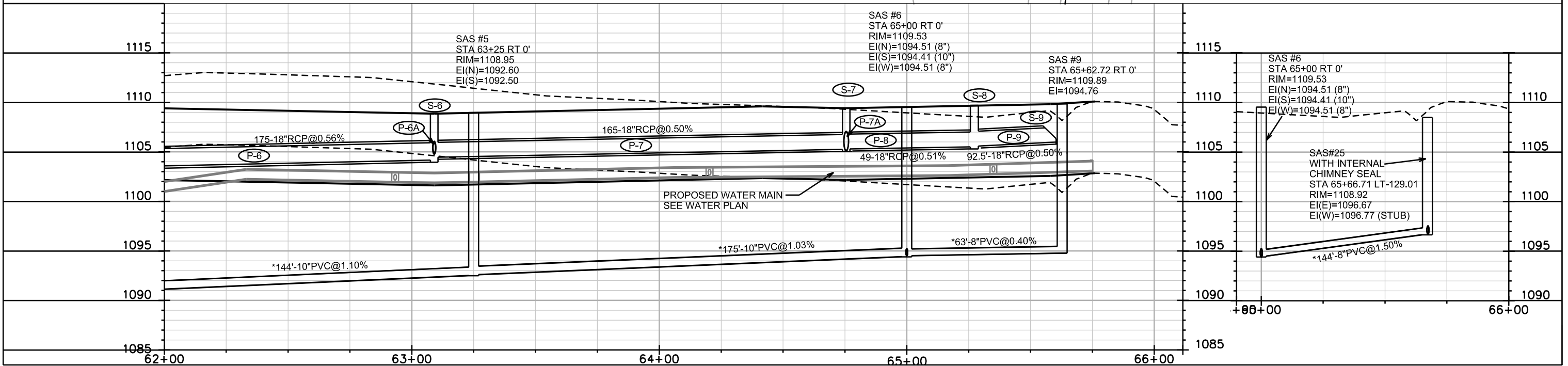
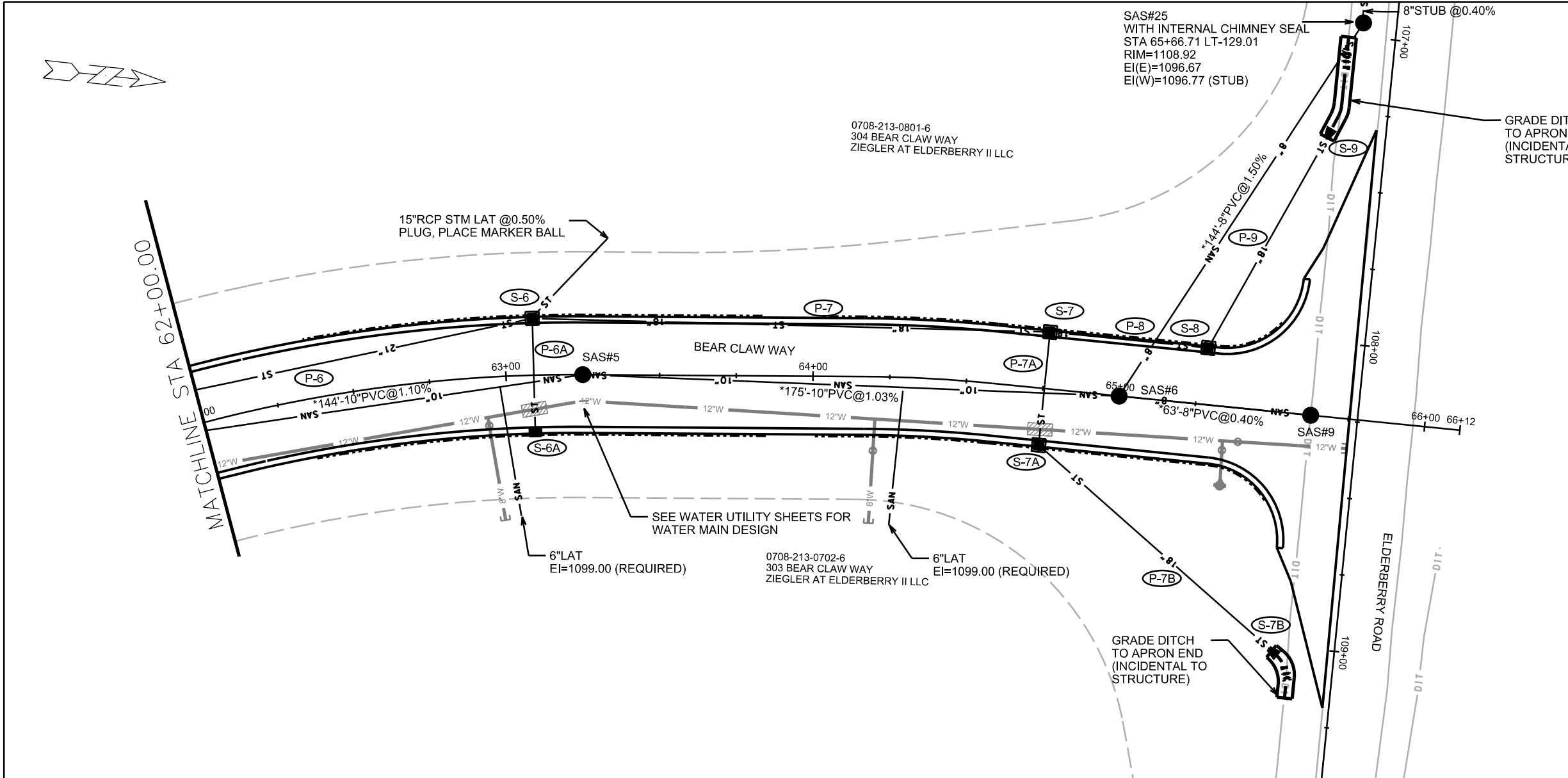


PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

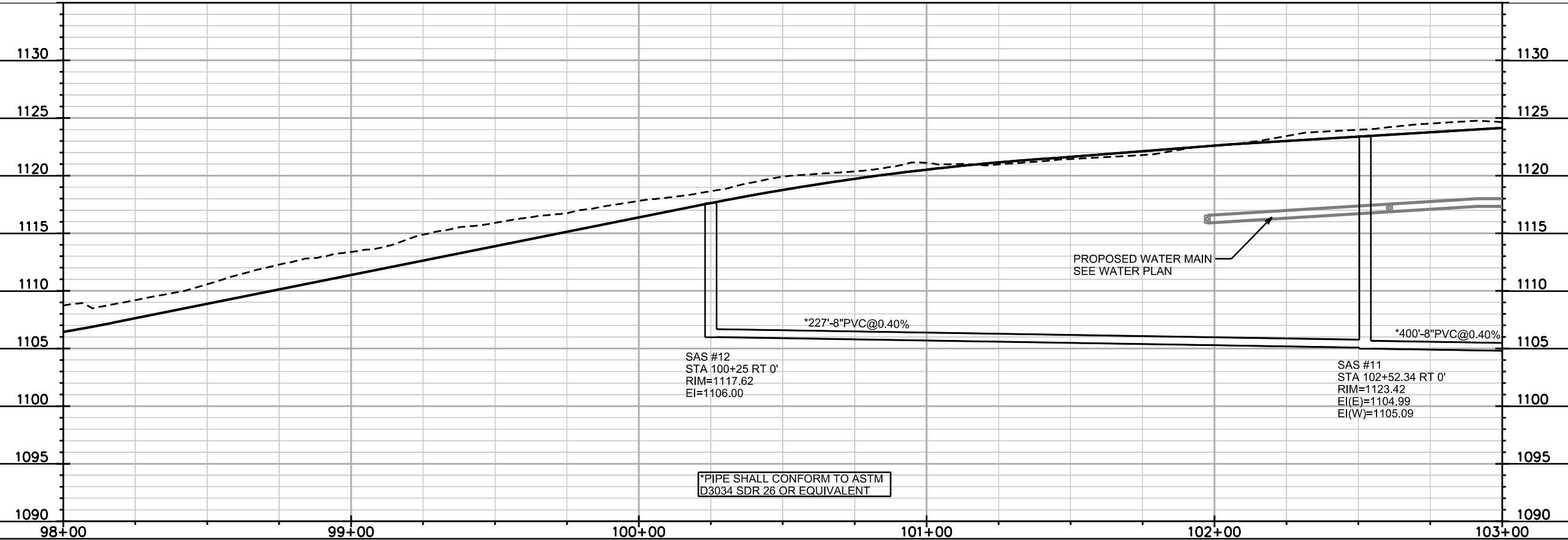
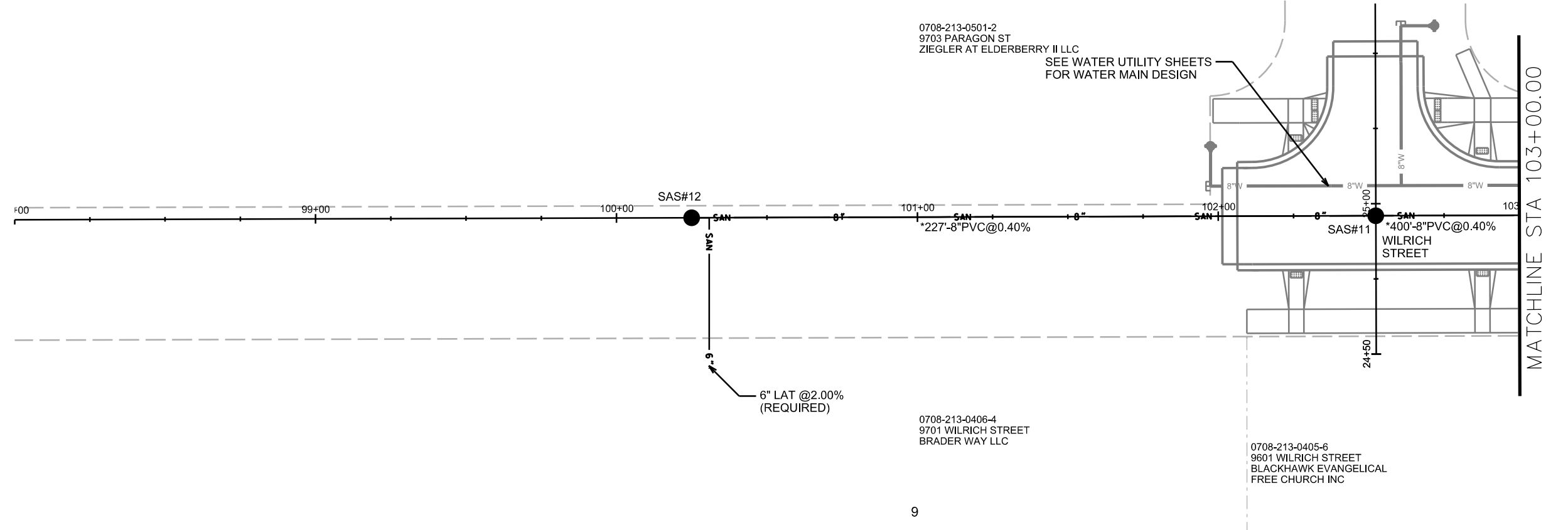


PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



PLOT SCALE: _____

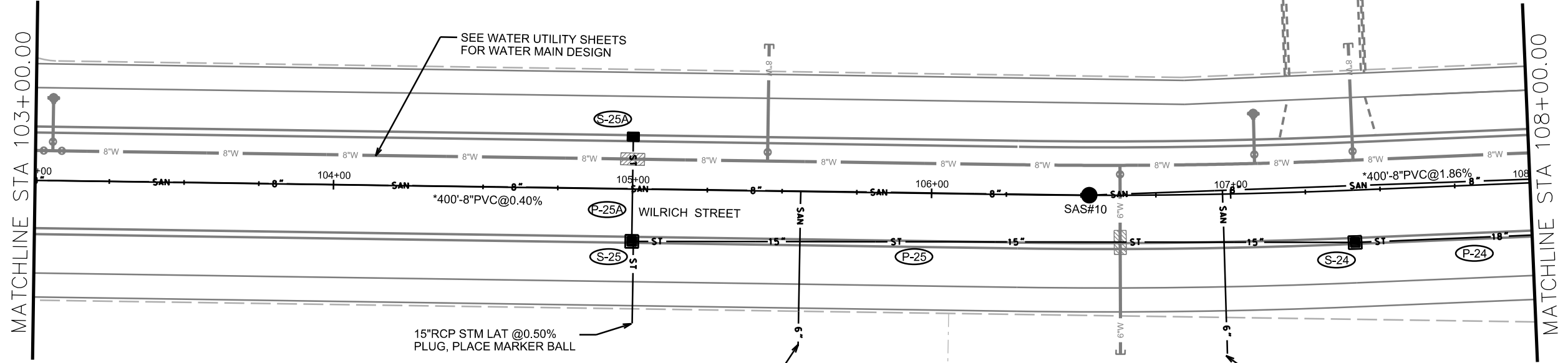
PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



0708-213-0601-0
 9603 PARAGON ST
 ZIEGLER AT ELDERBERRY LLC



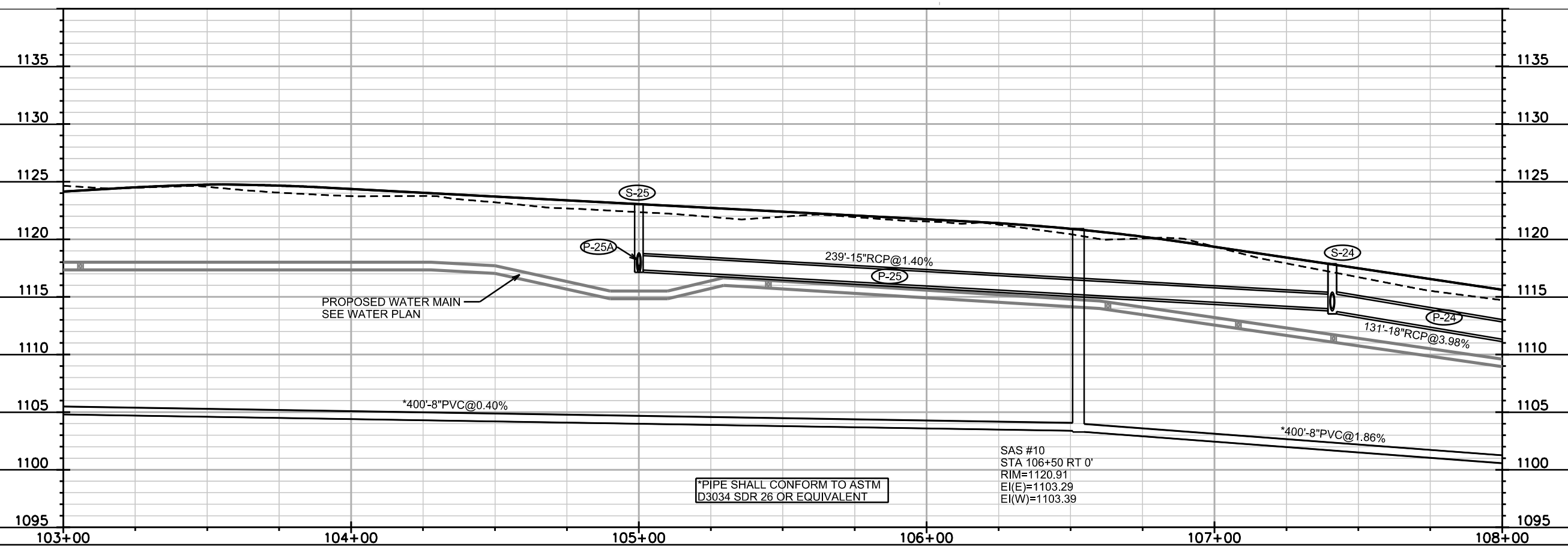
0708-213-0405-6
 9601 WILRICH STREET
 BLACKHAWK EVANGELICAL FREE CHURCH INC

6" LAT @2.00%
 WITH RISER PER S.D.D. 5.3.1.
 ALT A OR B
 EI=1116.00 (REQUIRED)
 (11.33 VF)

0708-213-0404-8
 180 BEAR CLAW WAY
 BCTC LOT 7 LLC

6" LAT @2.00%
 WITH RISER PER S.D.D. 5.3.1.
 ALT A OR B
 EI=1112.00 (REQUIRED)
 (7.89 VF)

8



*PIPE SHALL CONFORM TO ASTM
 D3034 SDR 26 OR EQUIVALENT

SAS #10
 STA 106+50 RT 0'
 RIM=1120.91
 EI(E)=1103.29
 EI(W)=1103.39

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

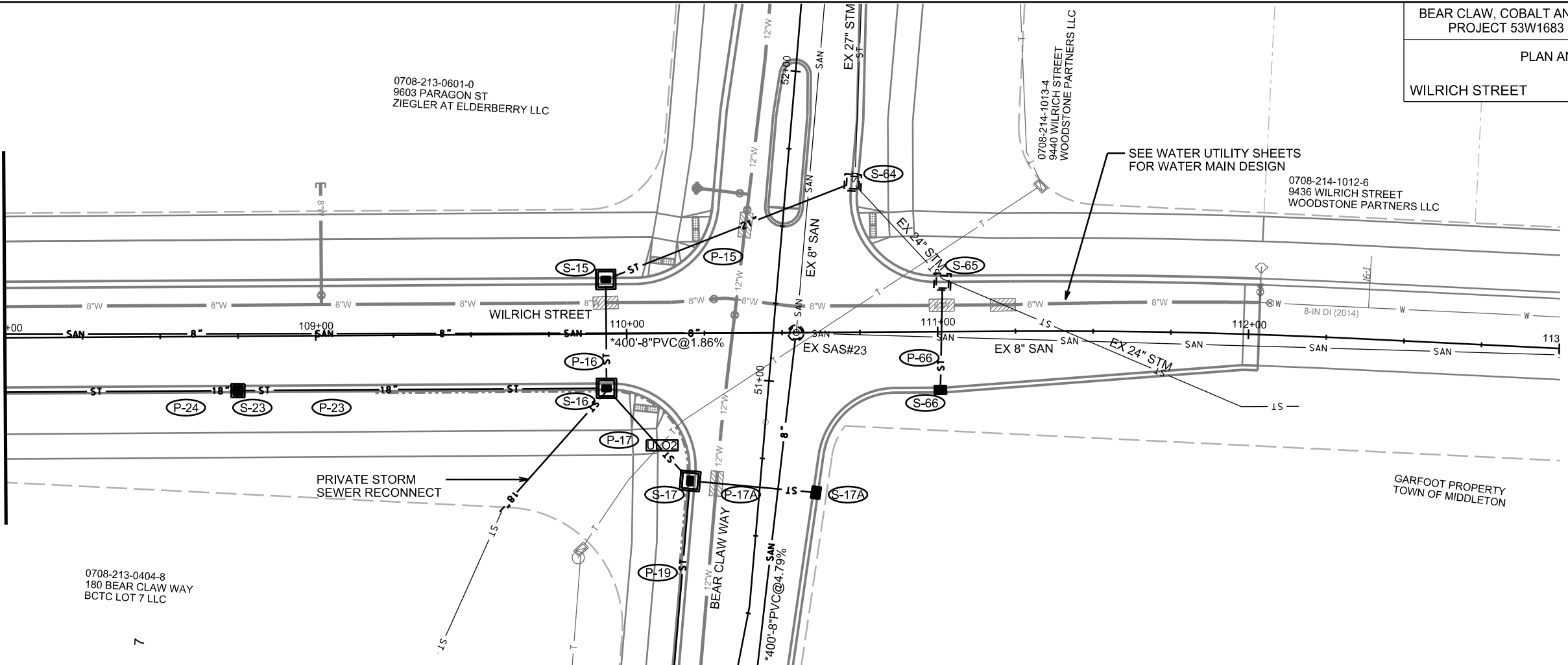
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

0708-213-0601-0
9603 PARAGON ST
ZIEGLER AT ELDERBERRY LLC

SEE WATER UTILITY SHEETS
FOR WATER MAIN DESIGN

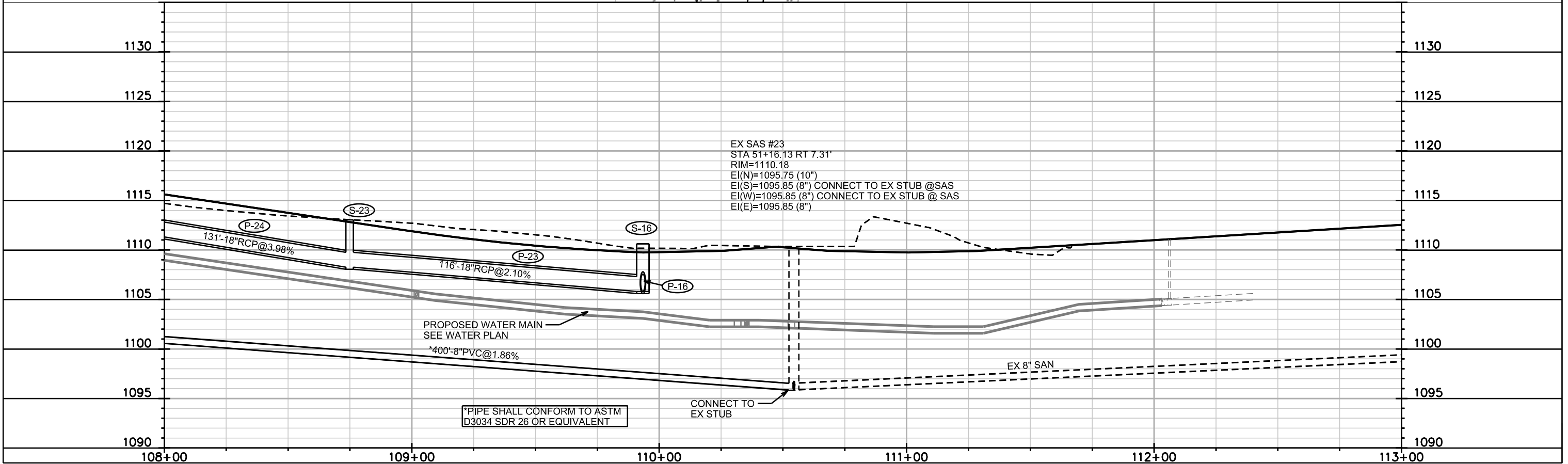
0708-214-1012-6
9436 WILRICH STREET
WOODSTONE PARTNERS LLC

MATCHLINE STA 108+00.00



0708-213-0404-8
180 BEAR CLAW WAY
BCTC LOT 7 LLC

GARFOOT PROPERTY
TOWN OF MIDDLETON



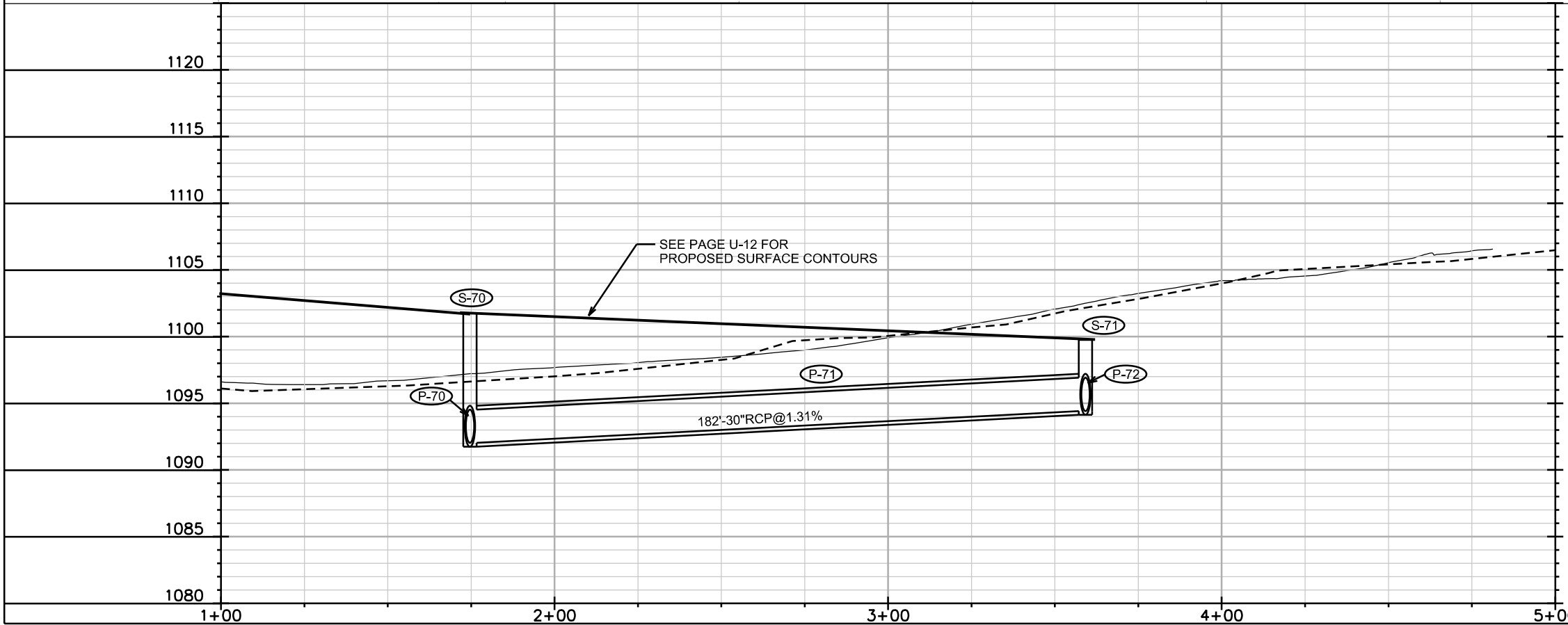
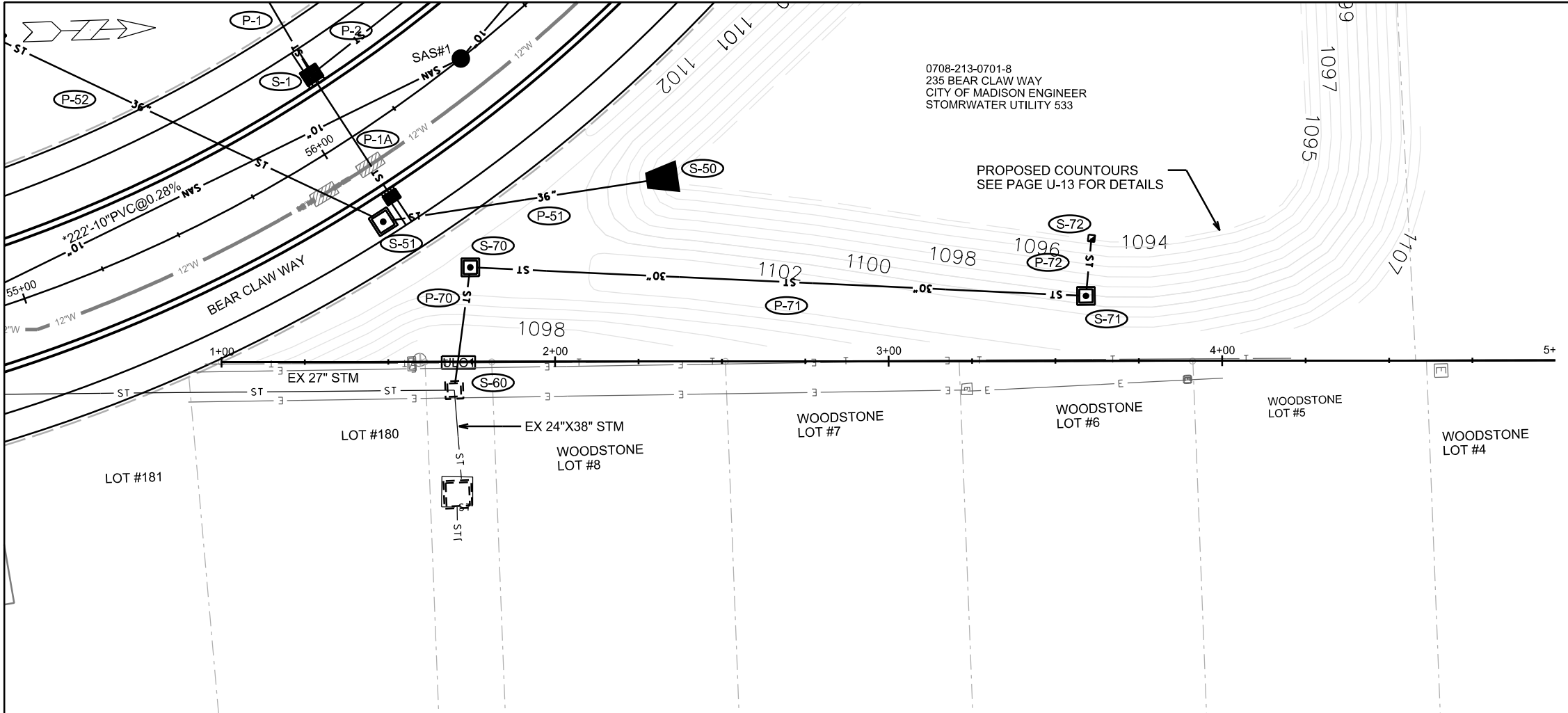
PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

0708-213-0701-8
235 BEAR CLAW WAY
CITY OF MADISON ENGINEER
STORMWATER UTILITY 533



PLOT SCALE: _____

PLOT NAME: _____

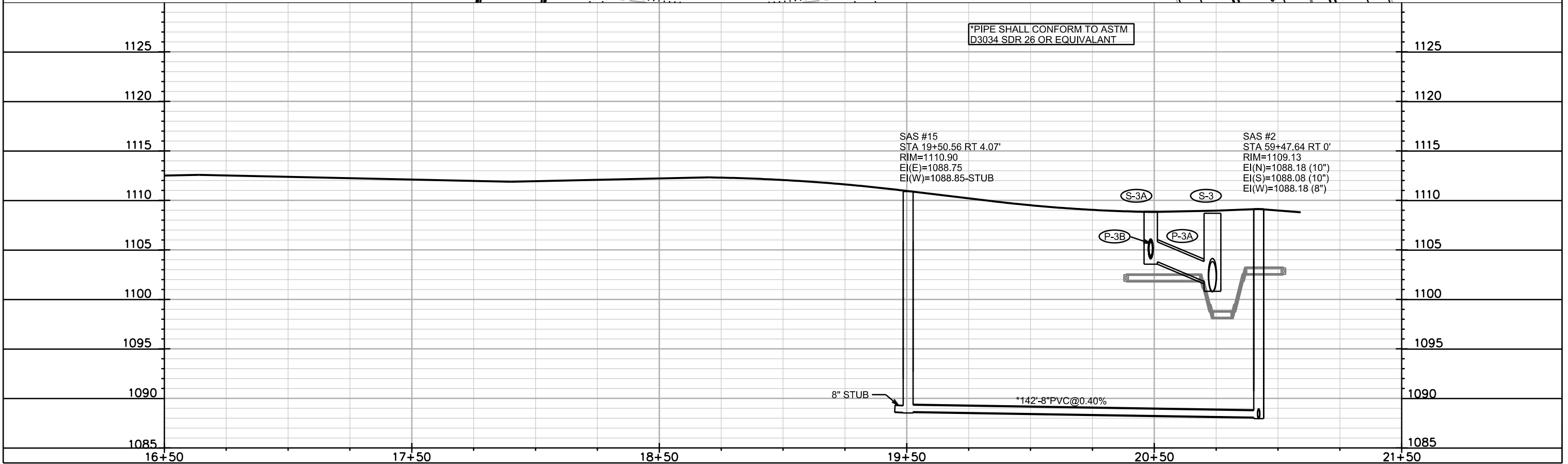
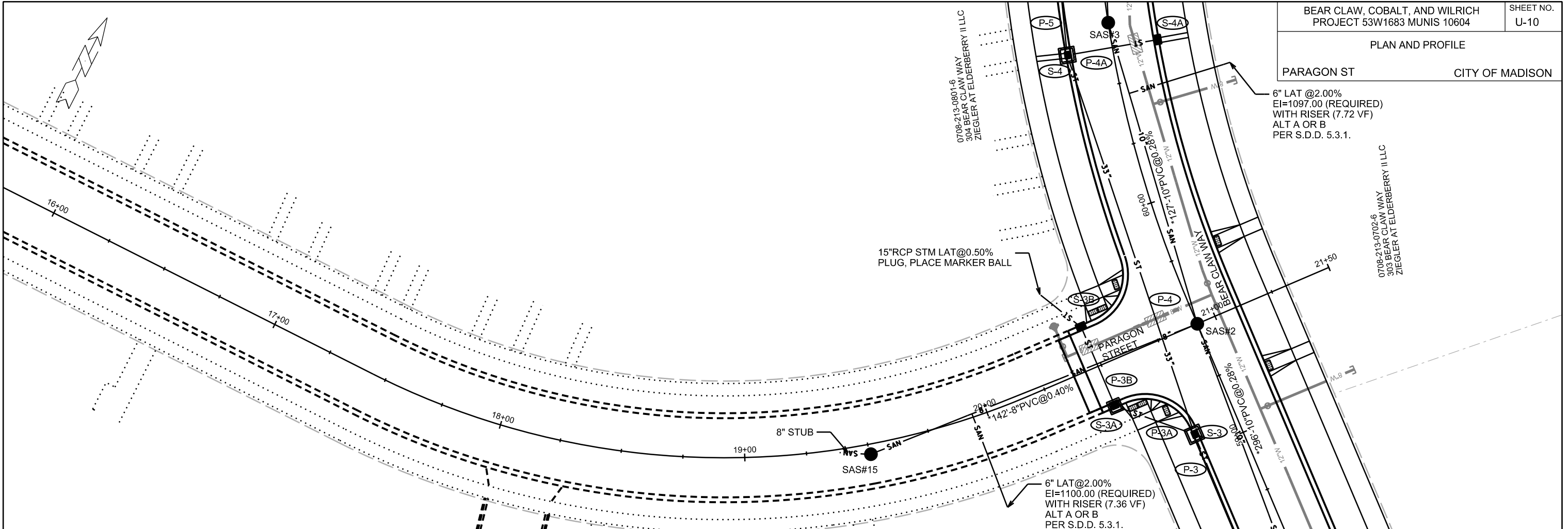
REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLAN AND PROFILE

PARAGON ST CITY OF MADISON

6" LAT @2.00%
EI=1097.00 (REQUIRED)
WITH RISER (7.72 VF)
ALT A OR B
PER S.D.D. 5.3.1.



*PIPE SHALL CONFORM TO ASTM
D3034 SDR 26 OR EQUIVALANT

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

SANITARY SEWER SCHEDULE

PROPOSED SANITARY STRUCTURES

SAS NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH	NOTES
BEAR CLAW WAY						
EX SAS #22	54+25.88	RT-8.23	1100.54	1086.44	14.10	EXISTING SAS
EX SAS #23	51+16.13	RT-7.31	1110.18	1095.75	14.43	EXISTING SAS
SAS #1	56+50.00	RT-0'	1102.22	1087.16	15.06	
SAS #2	59+47.64	RT-0'	1109.13	1088.08	21.05	
SAS #3	60+75.00	RT-0'	1108.93	1088.53	20.40	
SAS #4	61+79.80	RT-0'	1109.51	1088.92	20.59	
SAS #5	63+25.00	RT-0'	1108.95	1092.50	16.45	
SAS #6	65+00.00	RT-0'	1109.53	1094.41	15.12	
SAS #7	47+15.66	RT-0'	1128.05	1115.00	13.05	
SAS #8	44+50.00	RT-0'	1139.44	1124.00	15.44	
SAS #9	65+62.72	RT-0'	1109.89	1094.76	15.13	
SAS #25	65+66.71	LT-129.01	1108.92	1096.67	12.25	W/INTERNAL CHIMNEY SEAL
WILRICH ST						
SAS #10	106+50.00	RT-0'	1120.91	1103.29	17.62	
SAS #11	102+52.34	RT-0'	1123.42	1104.99	18.43	
SAS #12	100+25.00	RT-0'	1117.62	1106.00	11.62	
PARAGON ST						
SAS #15	19+50.56	RT-4.07	1110.9	1088.75	22.15	

PROPOSED SANITARY PIPES

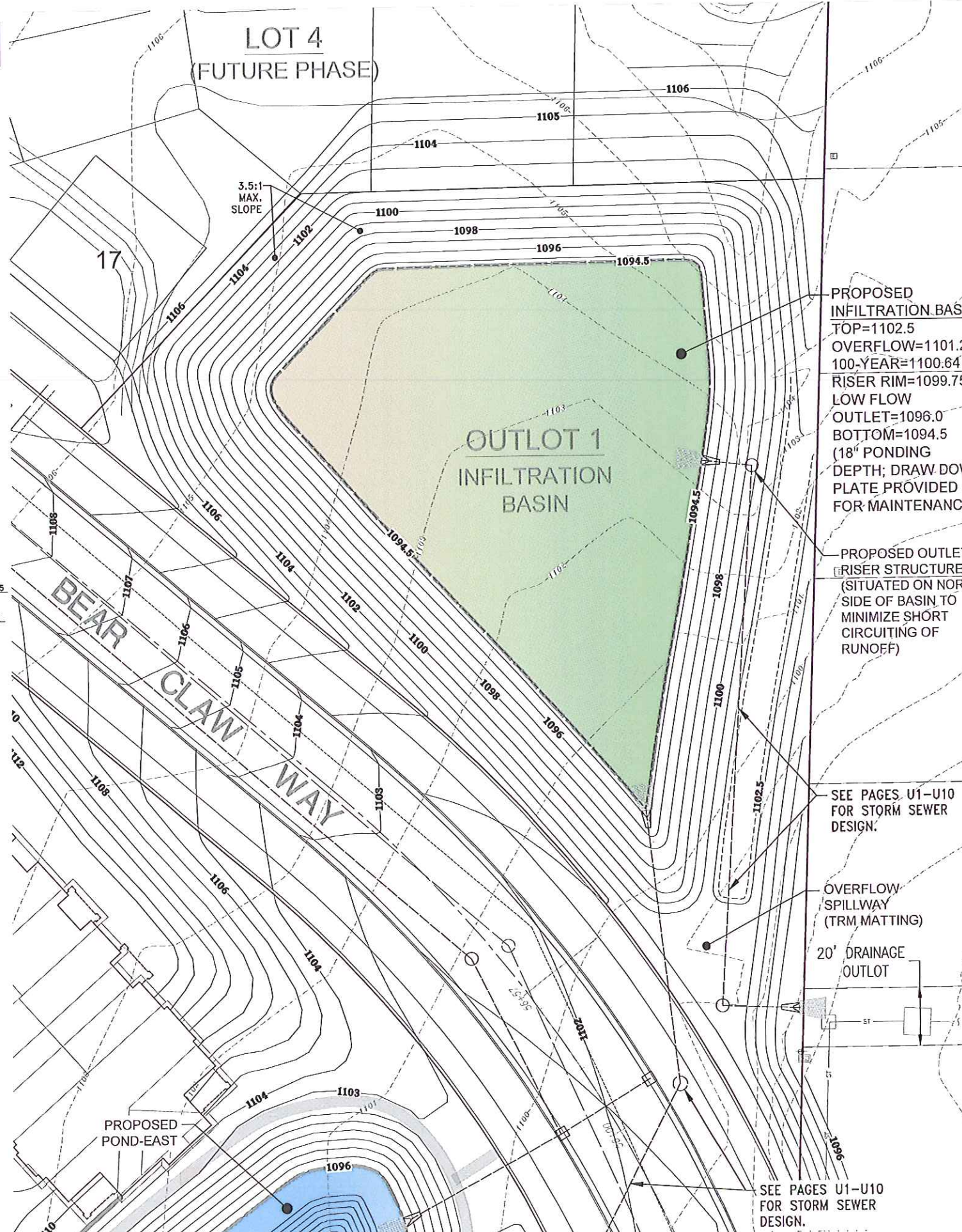
FROM SAS (DNSTM)	TO SAS (UPSTM)	LGTH (FT)	DISCH. E.I.	INLET E.I.	SLOPE (%)	SIZE (DIA)	TYPE	NOTES
EX SAS #22	SAS #1	222	1086.54	1087.16	0.28%	10"	PVC SDR 26	CONNECT TO EX STUB
SAS #1	SAS #2	296	1087.26	1088.08	0.28%	10"	PVC SDR 26	
SAS #2	SAS #3	127	1088.18	1088.53	0.28%	10"	PVC SDR 26	
SAS #3	SAS #4	105	1088.63	1088.92	0.28%	10"	PVC SDR 26	
SAS #4	SAS #5	144	1090.92	1092.50	1.10%	10"	PVC SDR 26	
SAS #5	SAS #6	175	1092.60	1094.41	1.03%	10"	PVC SDR 26	
SAS #6	SAS #9	63	1094.51	1094.76	0.40%	8"	PVC SDR 26	
SAS #6	SAS #25	144	1094.51	1096.67	1.50%	8"	PVC SDR 26	
SAS #23	SAS #10	400	1095.85	1103.29	1.86%	8"	PVC SDR 26	CONNECT TO EX STUB
SAS #10	SAS #11	400	1103.39	1104.99	0.40%	8"	PVC SDR 26	
SAS #11	SAS #12	227	1105.09	1106.00	0.40%	8"	PVC SDR 26	
SAS #23	SAS #7	400	1095.85	1115.00	4.79%	8"	PVC SDR 26	CONNECT TO EX STUB
SAS #7	SAS #8	266	1115.10	1124.00	3.35%	8"	PVC SDR 26	
SAS #2	SAS #15	142	1088.18	1088.75	0.40%	8"	PVC SDR 26	

PLOT SCALE: ---

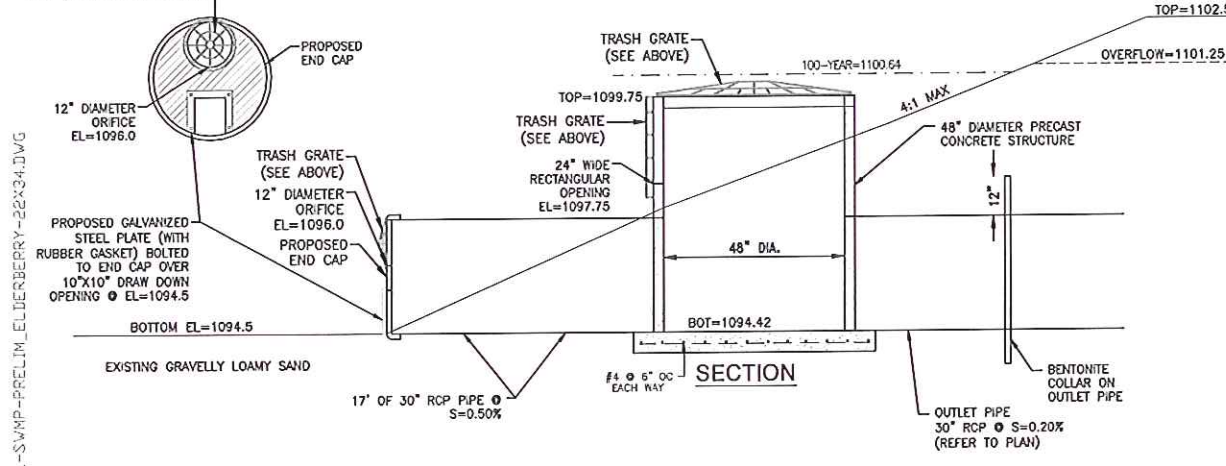
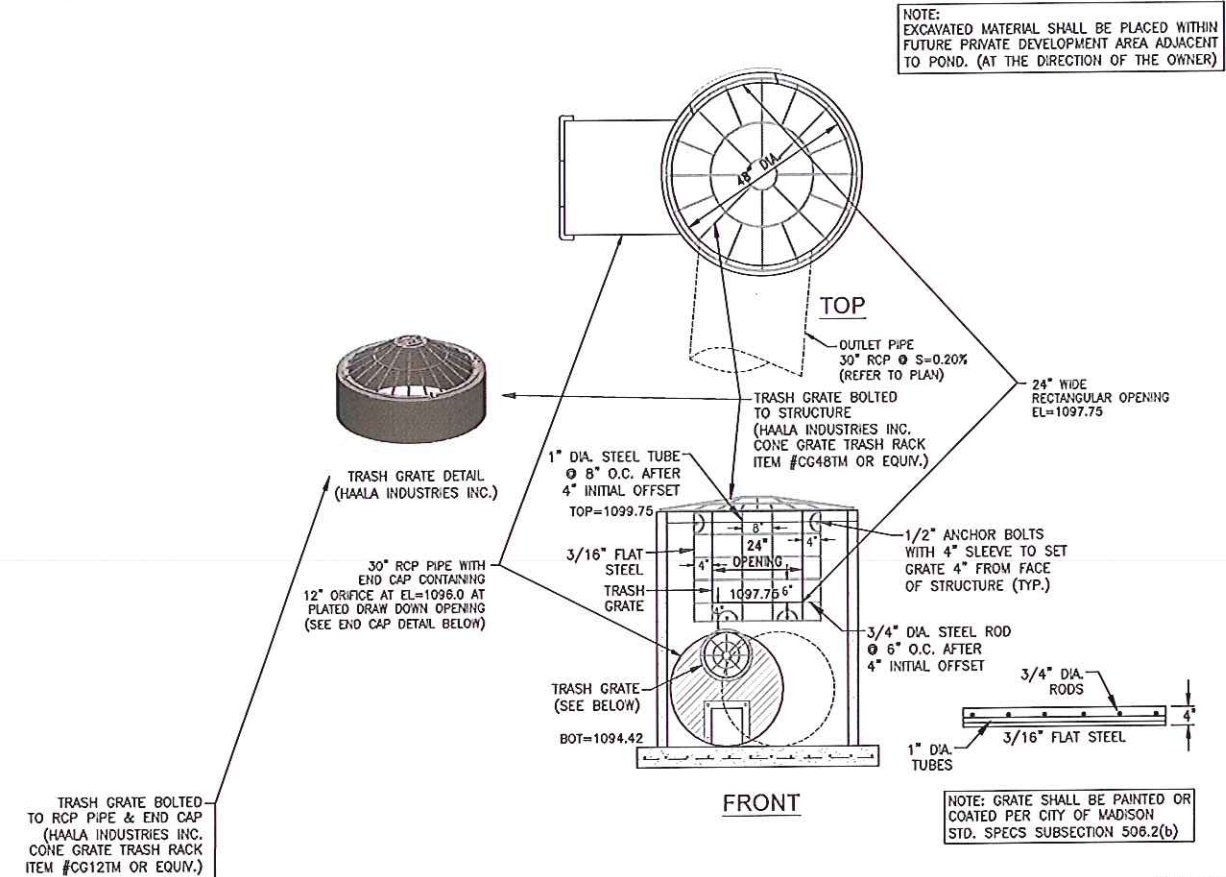
PLOT NAME: ---

REV. DATE: ---

ORIGINATOR: CITY OF MADISON STREETS DIVISION



NOTE: EXCAVATED MATERIAL SHALL BE PLACED WITHIN FUTURE PRIVATE DEVELOPMENT AREA ADJACENT TO POND. (AT THE DIRECTION OF THE OWNER)

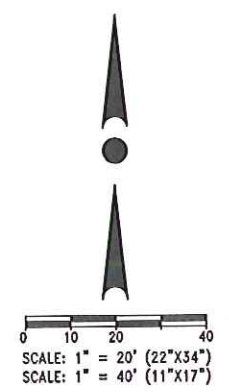


INFILTRATION BASIN OUTFALL STRUCTURE DETAIL
NOT TO SCALE

STABILIZATION & SEEDING NOTE:
 - ALL DISTURBED AREA ABOVE THE INFILTRATION BASIN BOTTOM SHALL BE STABILIZED WITH POLYMER, EROSION MATTING CLASS I TYPE B ORGANIC, AND DETENTION BASIN SEEDING PER CITY OF MADISON STANDARD SPECIFICATIONS.
 - INFILTRATION BASIN BOTTOM SHALL BE SEEDING WITH INFILTRATION SEEDING MIX PER CITY OF MADISON STANDARD SPECIFICATIONS.

LEGEND:

--- 1110 ---	EXISTING CONTOUR
— 1110 —	PROPOSED CONTOUR
→	PROPOSED FLOW ARROW
1110.00	PROPOSED SPOT ELEVATION



PROPOSED INFILTRATION BASIN
 TOP=1102.5
 OVERFLOW=1101.25
 100-YEAR=1100.64
 RISER RIM=1099.75
 LOW FLOW OUTLET=1096.0
 BOTTOM=1094.5
 (18\"/>

PROPOSED OUTLET RISER STRUCTURE (SITUATED ON NORTH SIDE OF BASIN TO MINIMIZE SHORT CIRCUITING OF RUNOFF)

SEE PAGES U1-U10 FOR STORM SEWER DESIGN.

OVERFLOW SPILLWAY (TRM MATTING)

20' DRAINAGE OUTLOT

SEE PAGES U1-U10 FOR STORM SEWER DESIGN.



PROJECT:
 PARAGON PLACE AT BEAR CLAW WAY
 ELDERBERRY NEIGHBORHOOD
 CITY OF MADISON, WI

BY: United Financial Group, Inc.
 660 W. Ridgeview Drive
 Appleton, WI 54911

REVISION HISTORY

DATE	DESCRIPTION
05/21/15	CITY SWMP UPDATES
04/08/15	SITE UPDATES

DATE: MAY 21, 2015

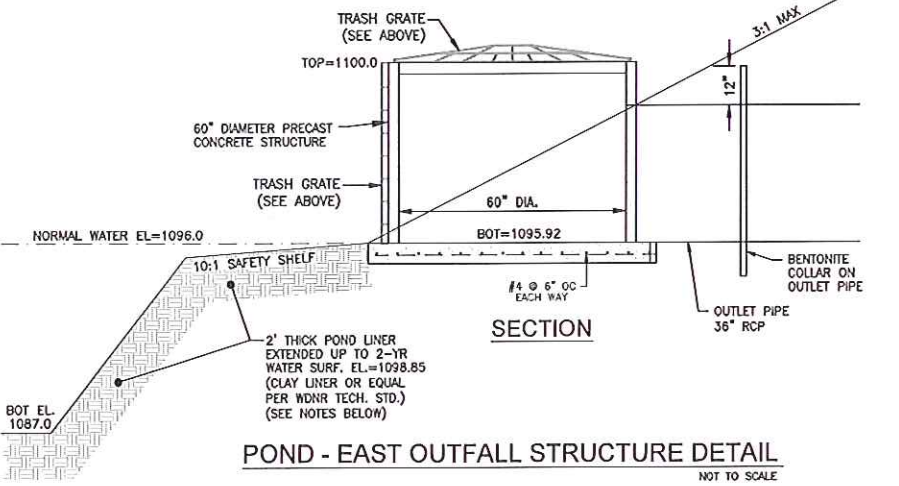
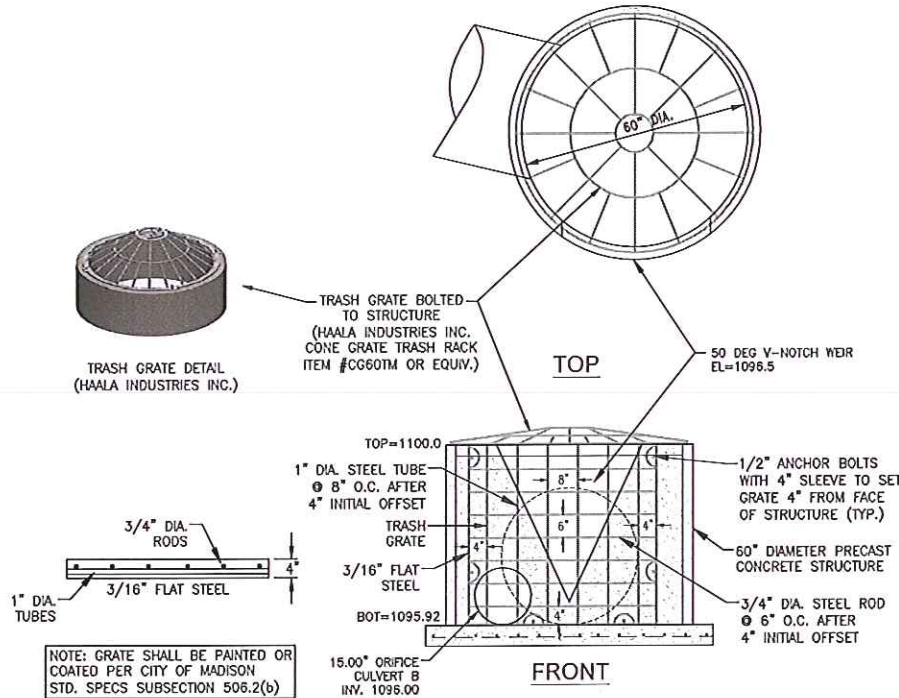
JOB NUMBER: 12041

DESCRIPTION:
 INFILTRATION BASIN PLAN

SHEET

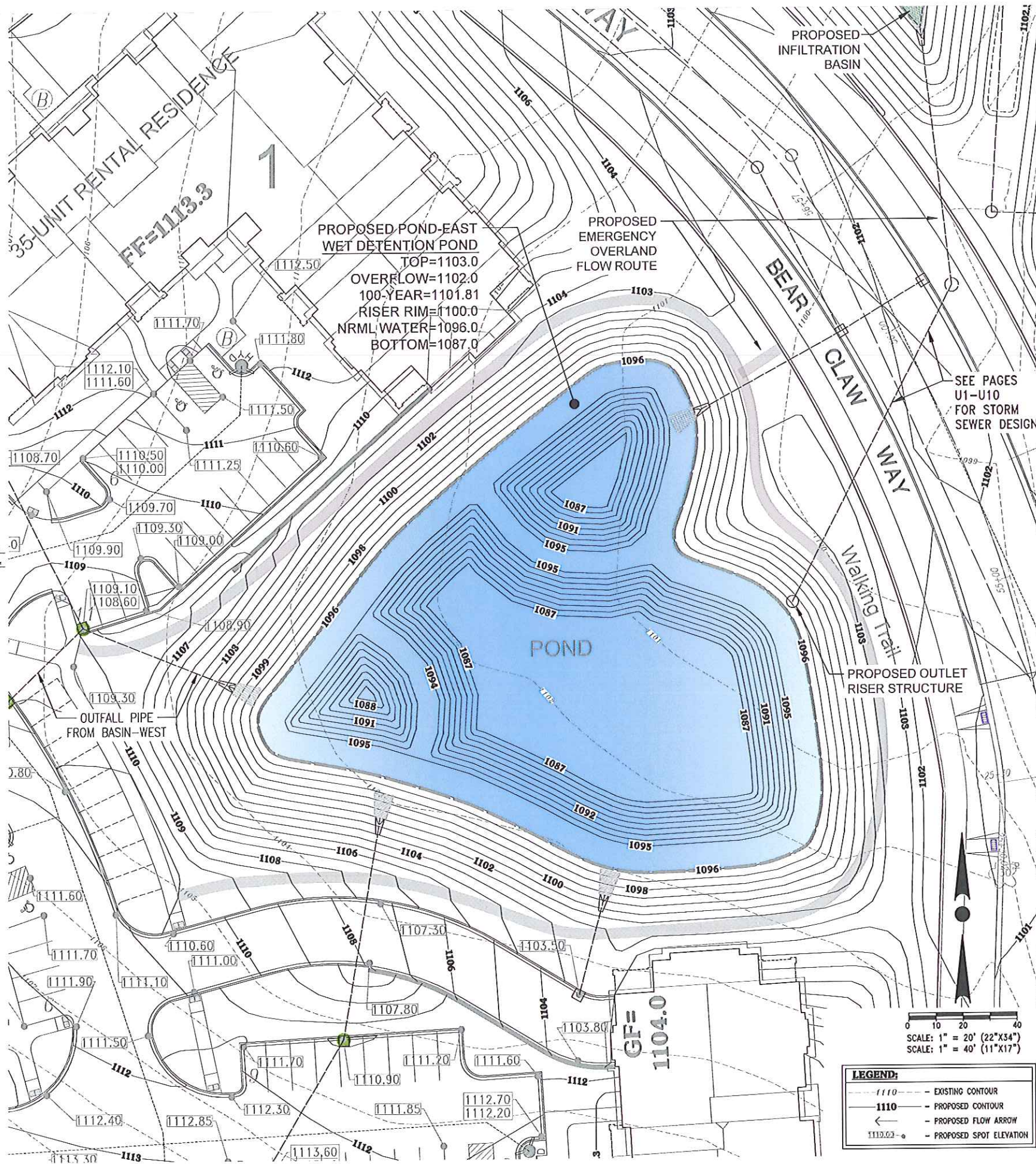
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NOTE:
EXCAVATED MATERIAL SHALL BE PLACED WITHIN
FUTURE PRIVATE DEVELOPMENT AREA ADJACENT
TO POND. (AT THE DIRECTION OF THE OWNER)

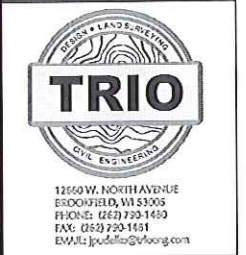


STABILIZATION & SEEDING NOTE:
ALL DISTURBED AREA ABOVE PERMANENT WATER SURFACE ELEVATION SHALL BE
STABILIZED WITH POLYMER, EROSION MATTING CLASS I TYPE B ORGANIC, AND
DETENTION BASIN SEEDING PER CITY OF MADISON STANDARD SPECIFICATIONS.

CLAY LINER NOTE:
- 2" THICK CLAY LINER IN ACCORDANCE WITH WDNR TECH. STD. 1001 TYPE B, AND
SOILS REPORT.
- CLAY LINER MATERIALS SHOULD BE COMPACTED TO A MINIMUM OF 90 TO 92% DRY
DENSITY AS DETERMINED BY MODIFIED PROCTOR (ASTM D1557)
- IF PREDOMINANTLY GRANULAR TEXTURE SOILS AND/OR GROUNDWATER INFLOW IS
ENCOUNTERED AT OR BELOW THE BOTTOM ELEVATION OF THE POND, A "SACRIFICIAL"
LIFT OF CLAYEY FILL MAY BE REQUIRED TO BE PLACED ALONG THE SIDEWALLS AND
BASE PRIOR TO COMMENCING WITH ACTUAL LINER PLACEMENT/CONSTRUCTION TO AID
IN ATTAINING A SATISFACTORILY COMPACTED LINER SECTION. THE PLACEMENT OF A
"SACRIFICIAL" LAYER IS PARTICULARLY BENEFICIAL IN CREATING A STABLE SUBBASE IN
THE EVENT SLIGHT GROUNDWATER SEEPAGE OCCURS.
- GEOTECHNICAL TESTING SHALL BE PERFORMED ON POTENTIAL CLAY LINER MATERIAL
TO CONFIRM THAT SPECIFICATIONS ARE MET.



SEE PAGES
U1-U10
FOR STORM
SEWER DESIGN.



PROJECT:
PARAGON PLACE AT BEAR CLAW WAY
ELDERBERRY NEIGHBORHOOD
CITY OF MADISON, WI
BY: United Financial Group, Inc.
660 W. Ridgeway Drive
Appleton, WI 54911

REVISION HISTORY

DATE	DESCRIPTION
05/21/15	CITY SWMP UPDATES
04/08/15	SITE UPDATES

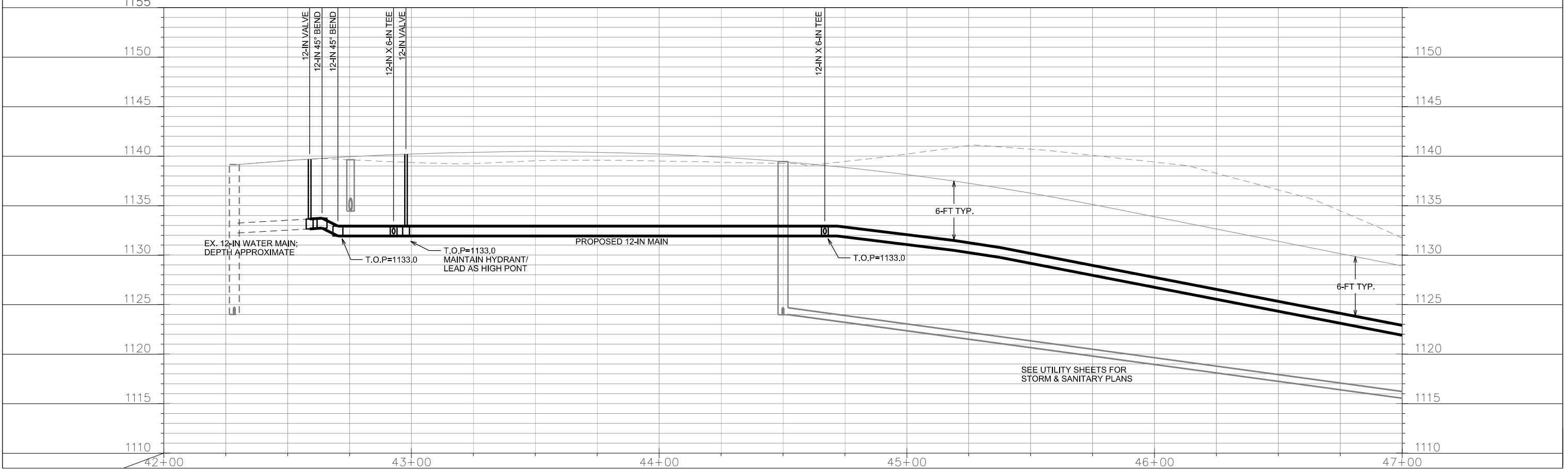
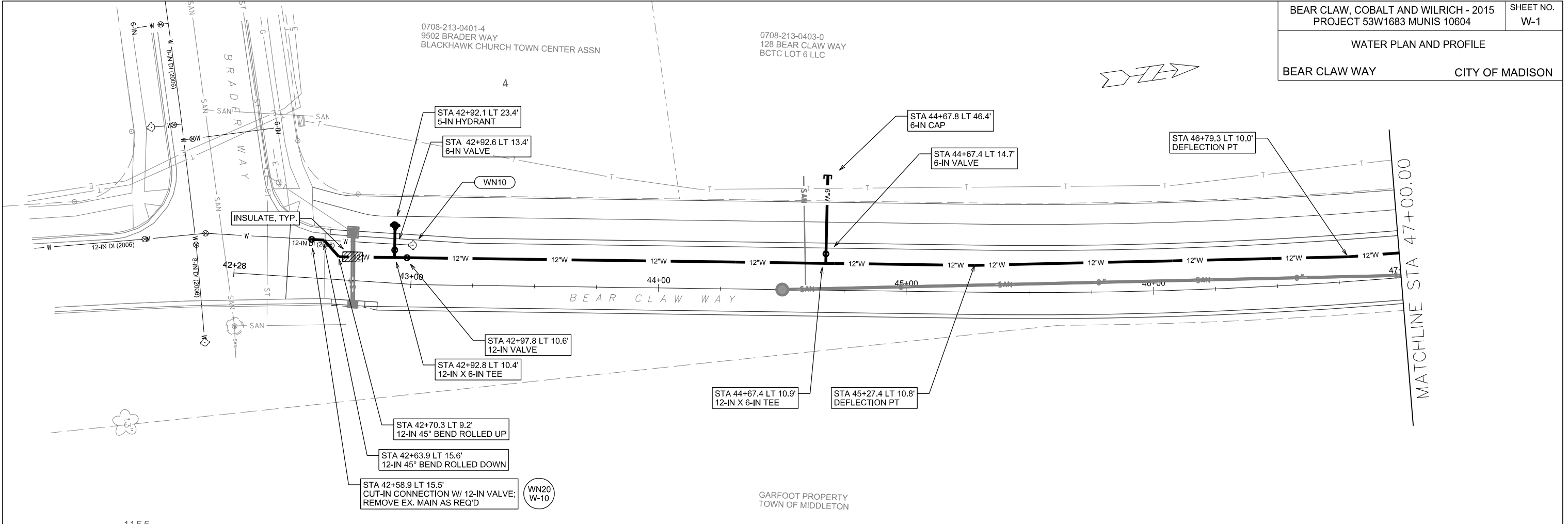
DATE:
MAY 21, 2015

JOB NUMBER:
12041

DESCRIPTION:
POND - EAST
DETAIL

SHEET

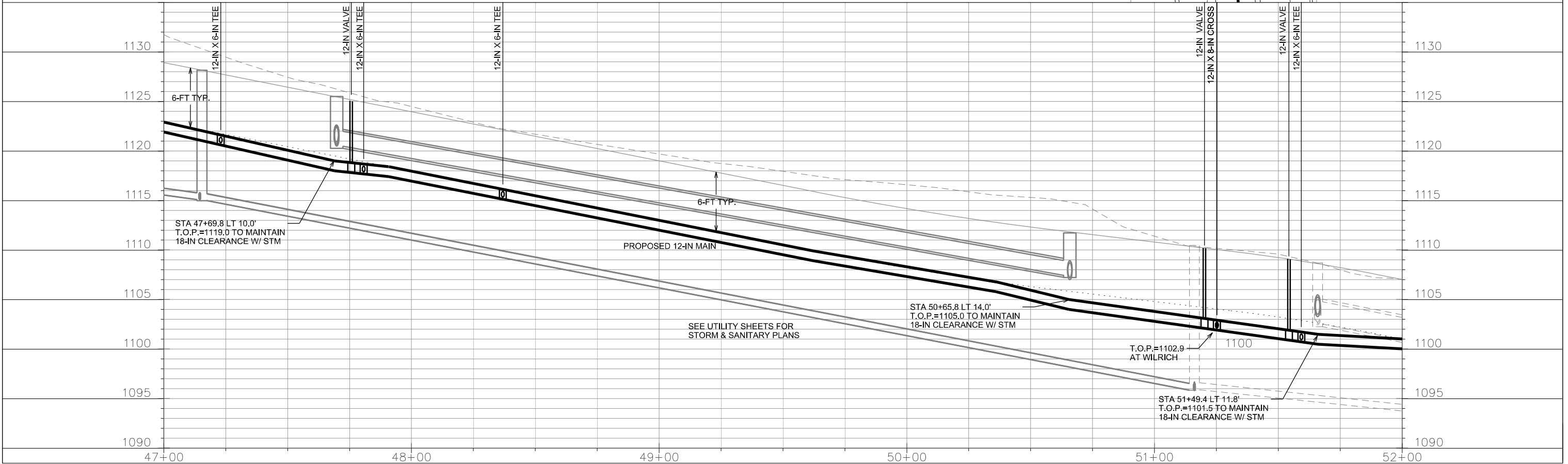
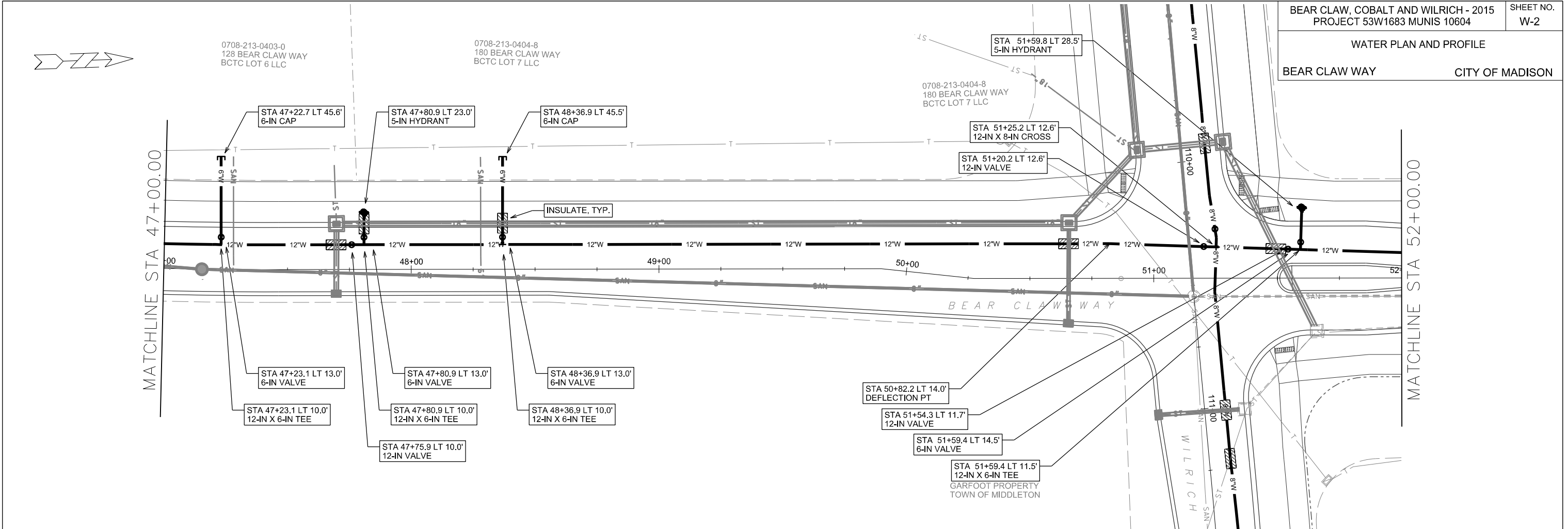
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PLOT SCALE: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



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

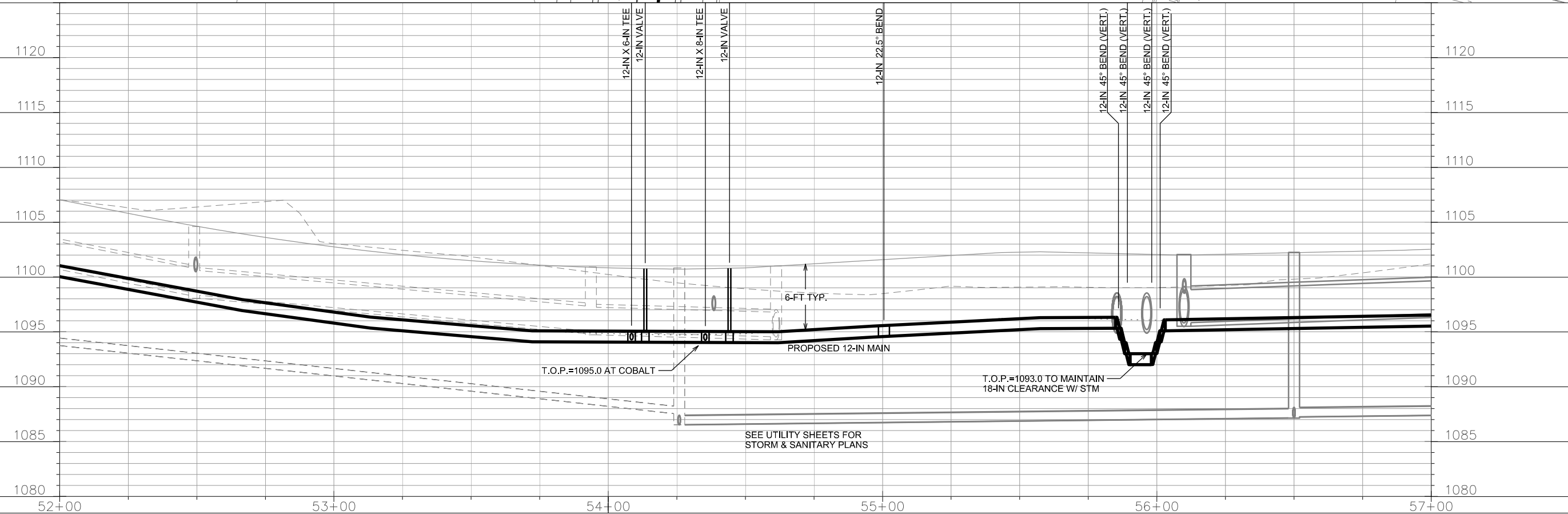
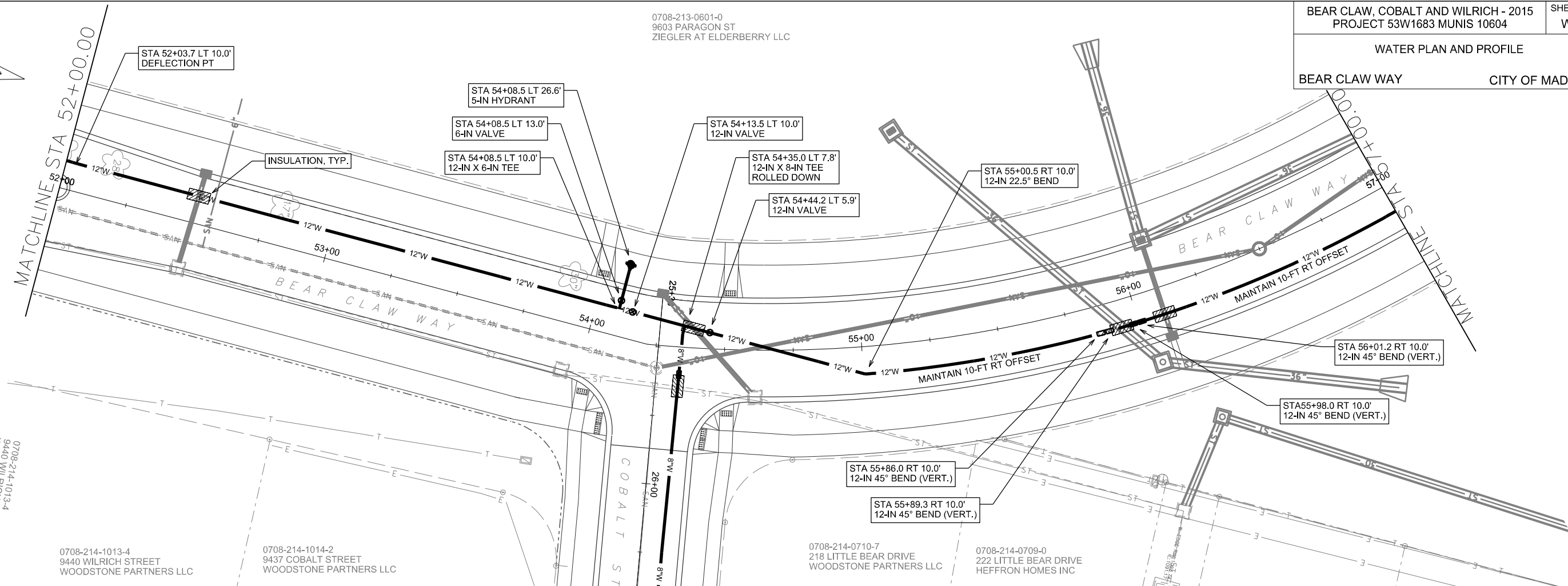
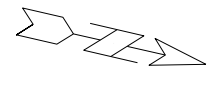
0708-213-0601-0
9603 PARAGON ST
ZIEGLER AT ELDERBERRY LLC

BEAR CLAW, COBALT AND WILRICH - 2015
PROJECT 53W1683 MUNIS 10604

SHEET NO.
W-3

WATER PLAN AND PROFILE

BEAR CLAW WAY CITY OF MADISON



PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

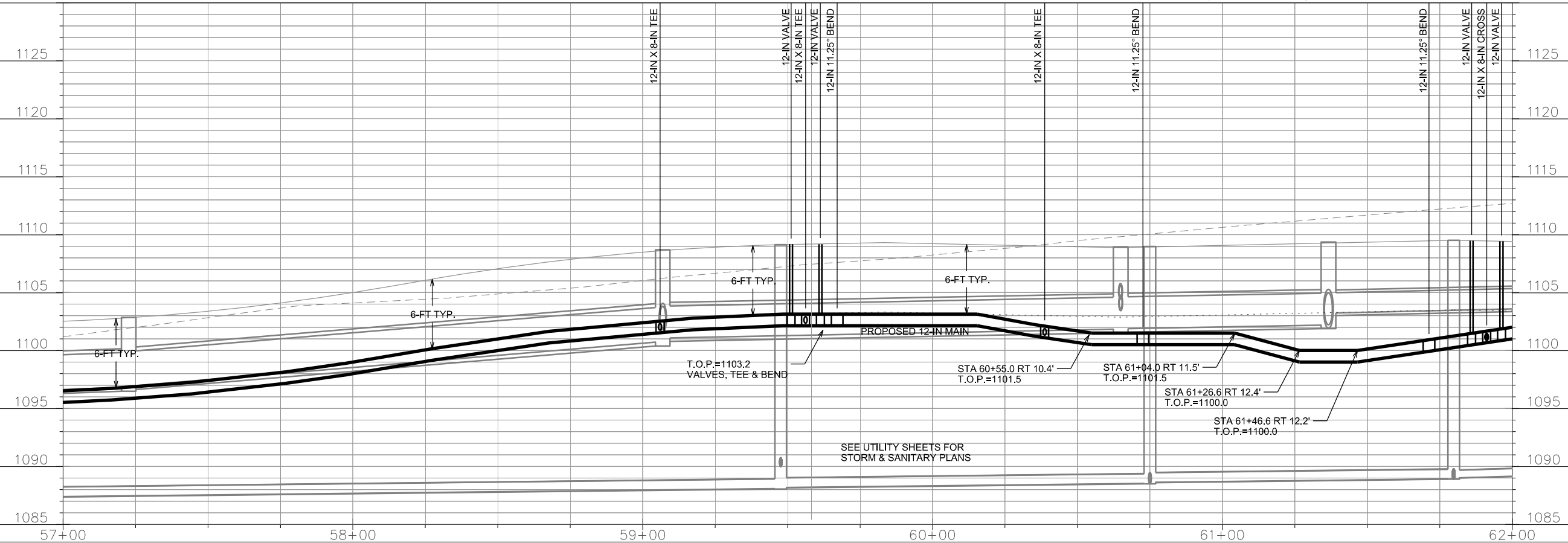
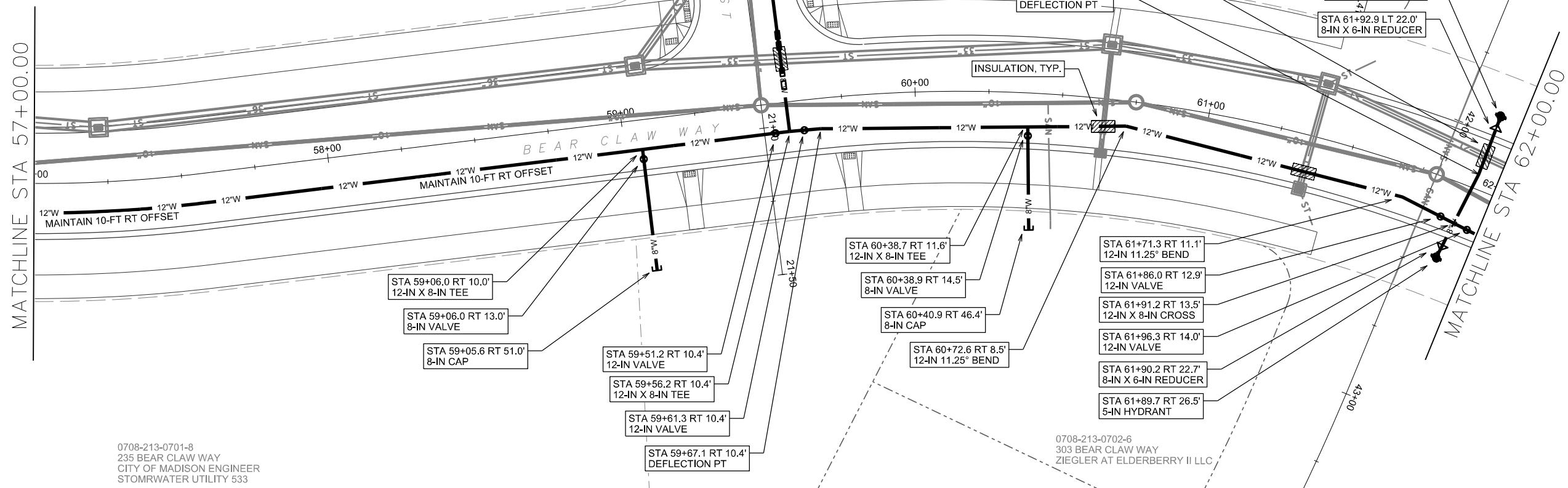
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

0708-213-0601-0
9603 PARAGON ST
ZIEGLER AT ELDERBERRY LLC

0708-213-0801-6
304 BEAR CLAW WAY
ZIEGLER AT ELDERBERRY II LLC

0708-213-0701-8
235 BEAR CLAW WAY
CITY OF MADISON ENGINEER
STORMWATER UTILITY 533

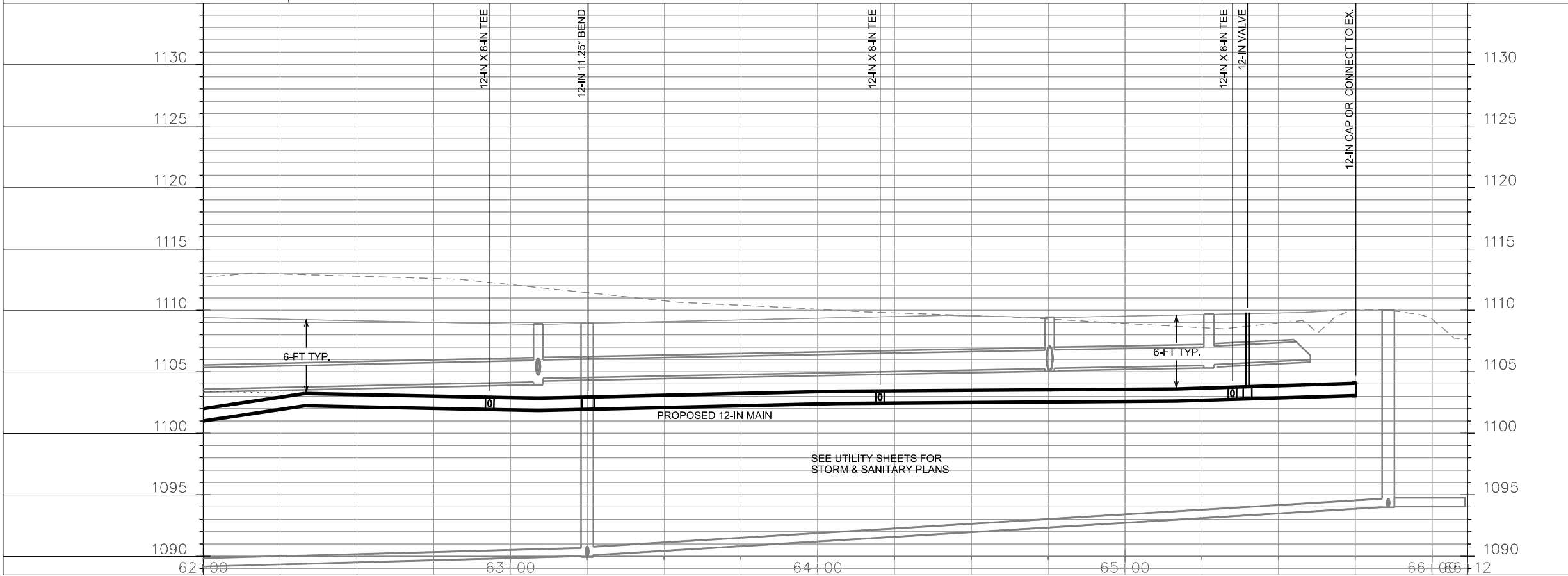
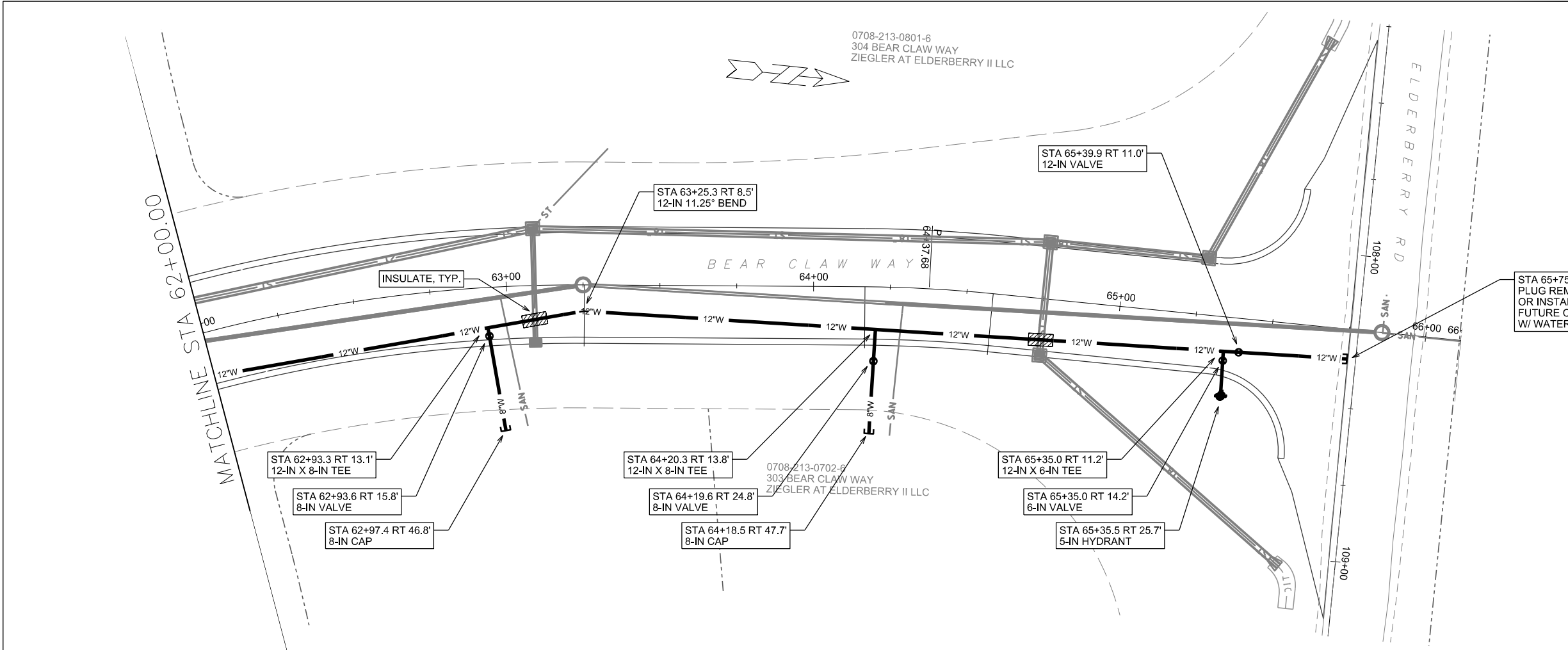
0708-213-0702-6
303 BEAR CLAW WAY
ZIEGLER AT ELDERBERRY II LLC



PLOT SCALE: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



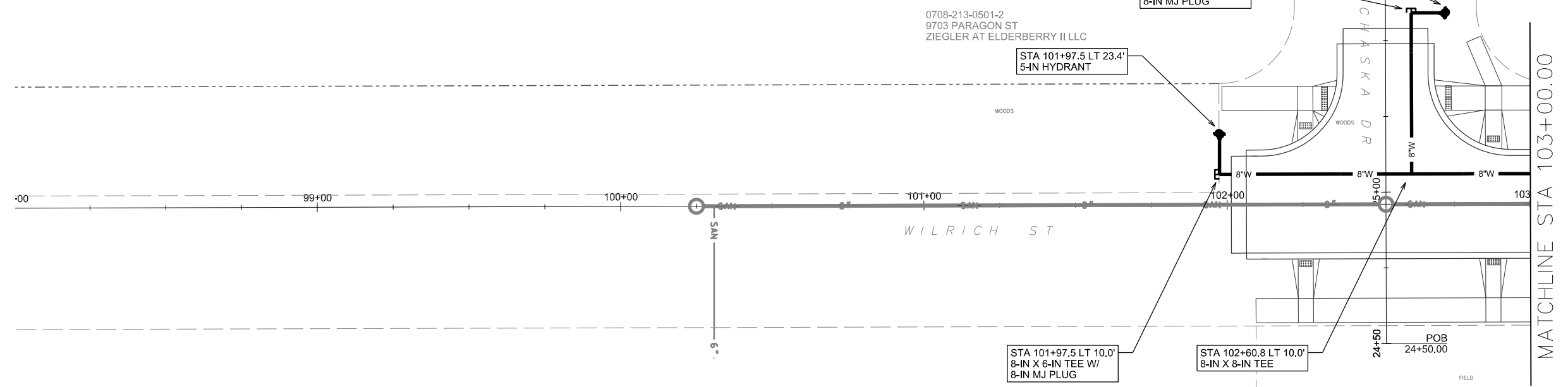
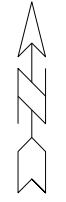
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PLOT NAME: _____

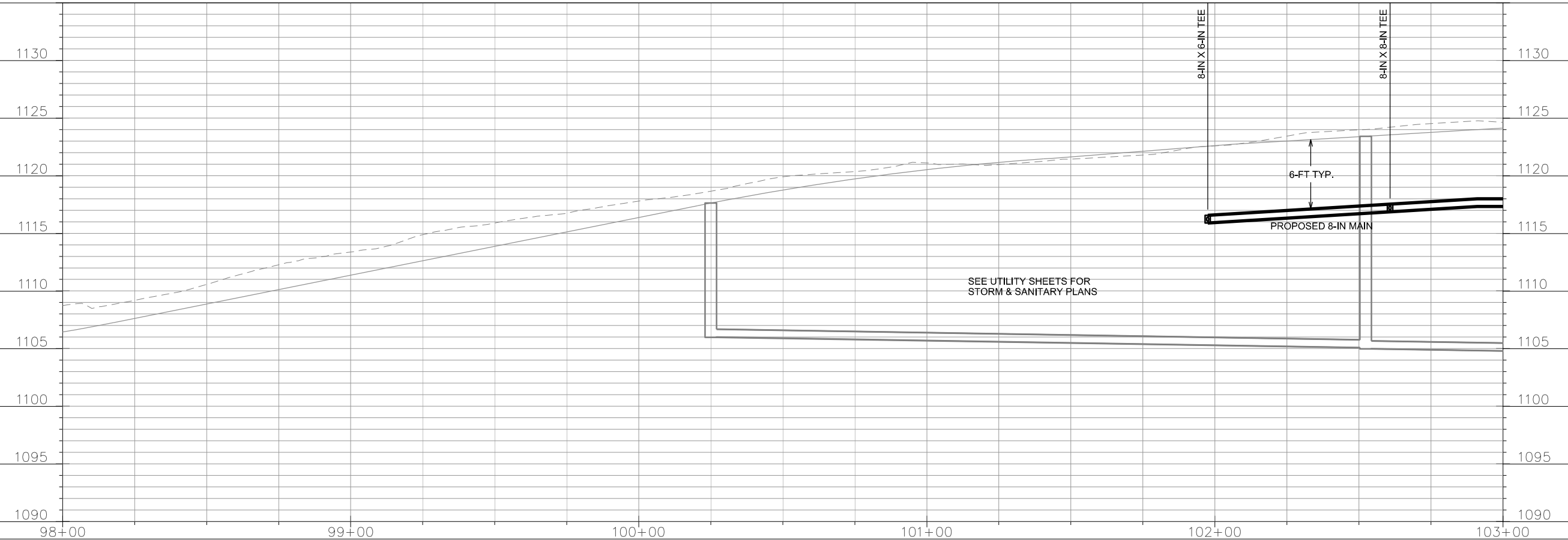
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ORIGINATOR: CITY OF MADISON, STREETS DIVISION

WATER PLAN AND PROFILE
WILRICH ST
CITY OF MADISON



9

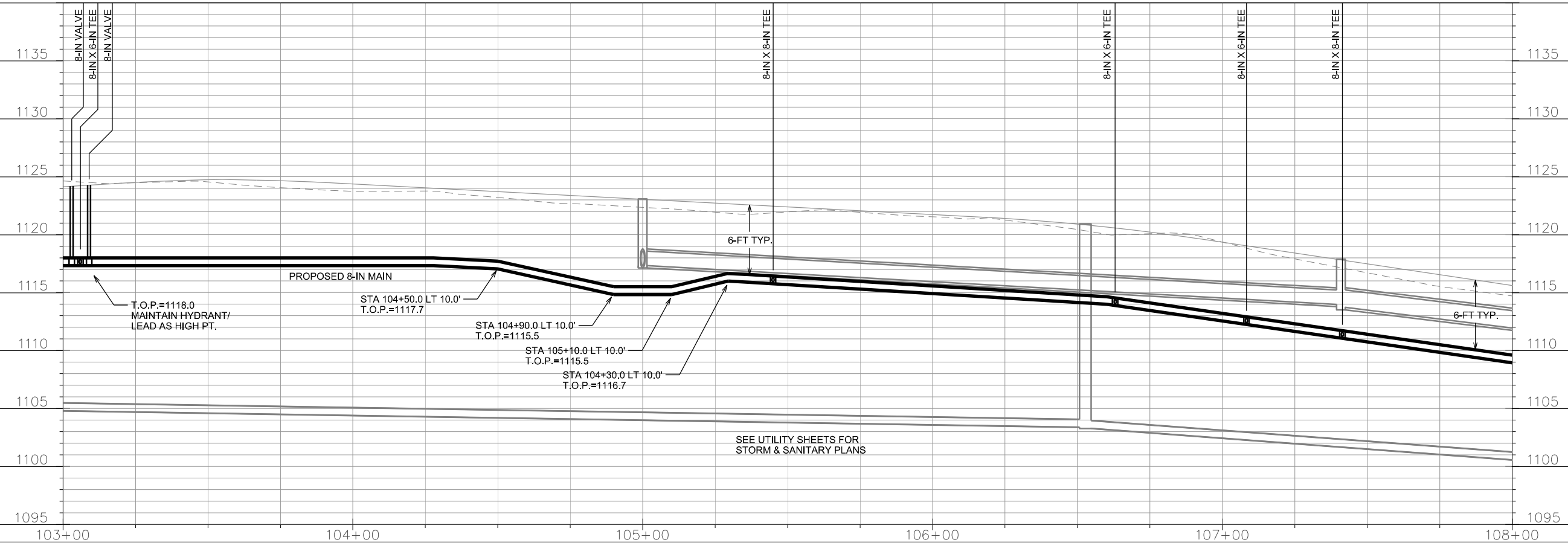
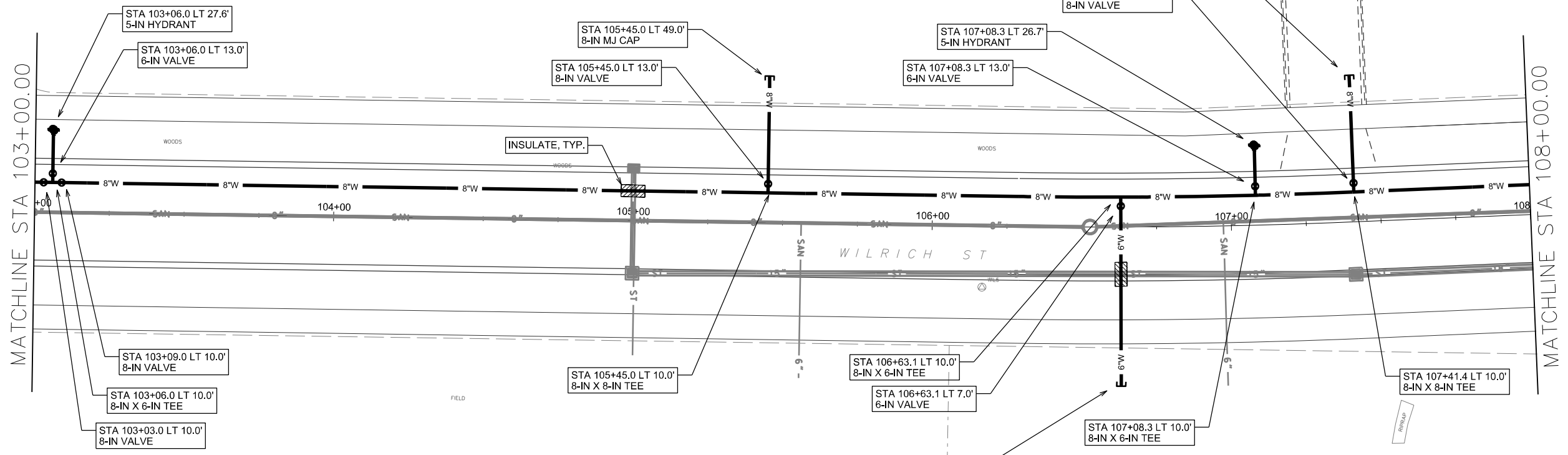
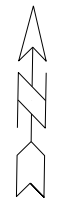


PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



PLOT SCALE: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

0708-213-0601-0
9603 PARAGON ST
ZIEGLER AT ELDERBERRY LLC

BEAR CLAW, COBALT AND WILRICH - 2015
PROJECT 53W1683 MUNIS 10604

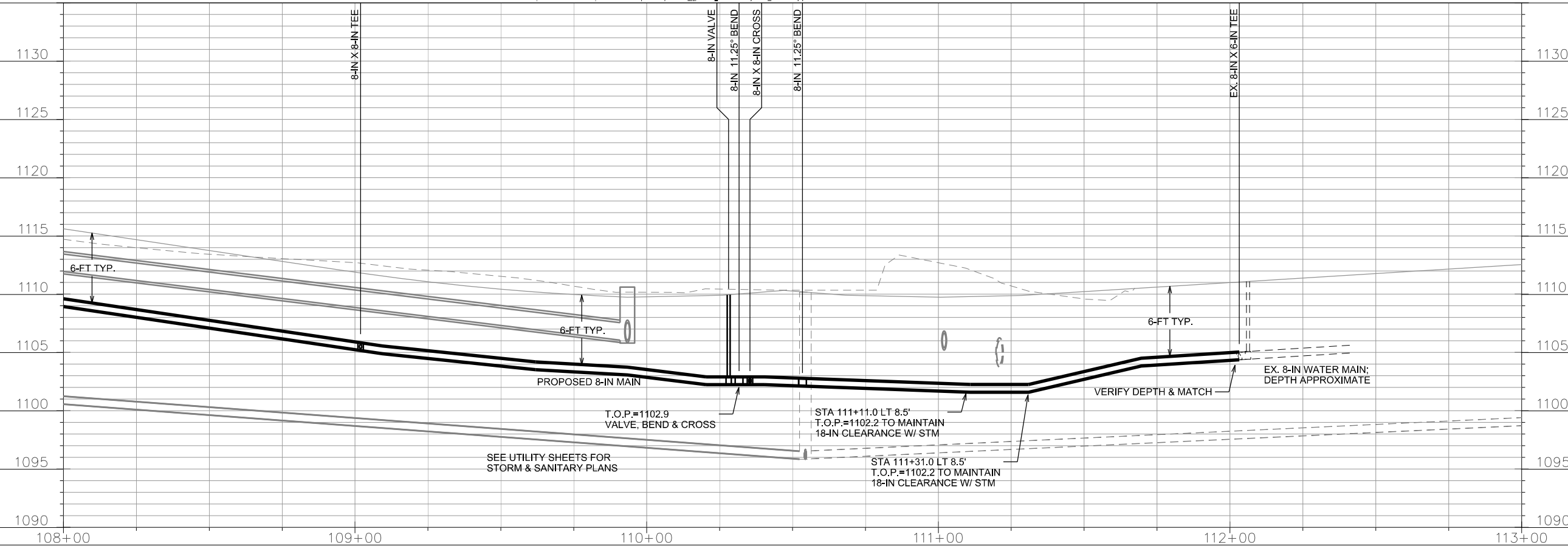
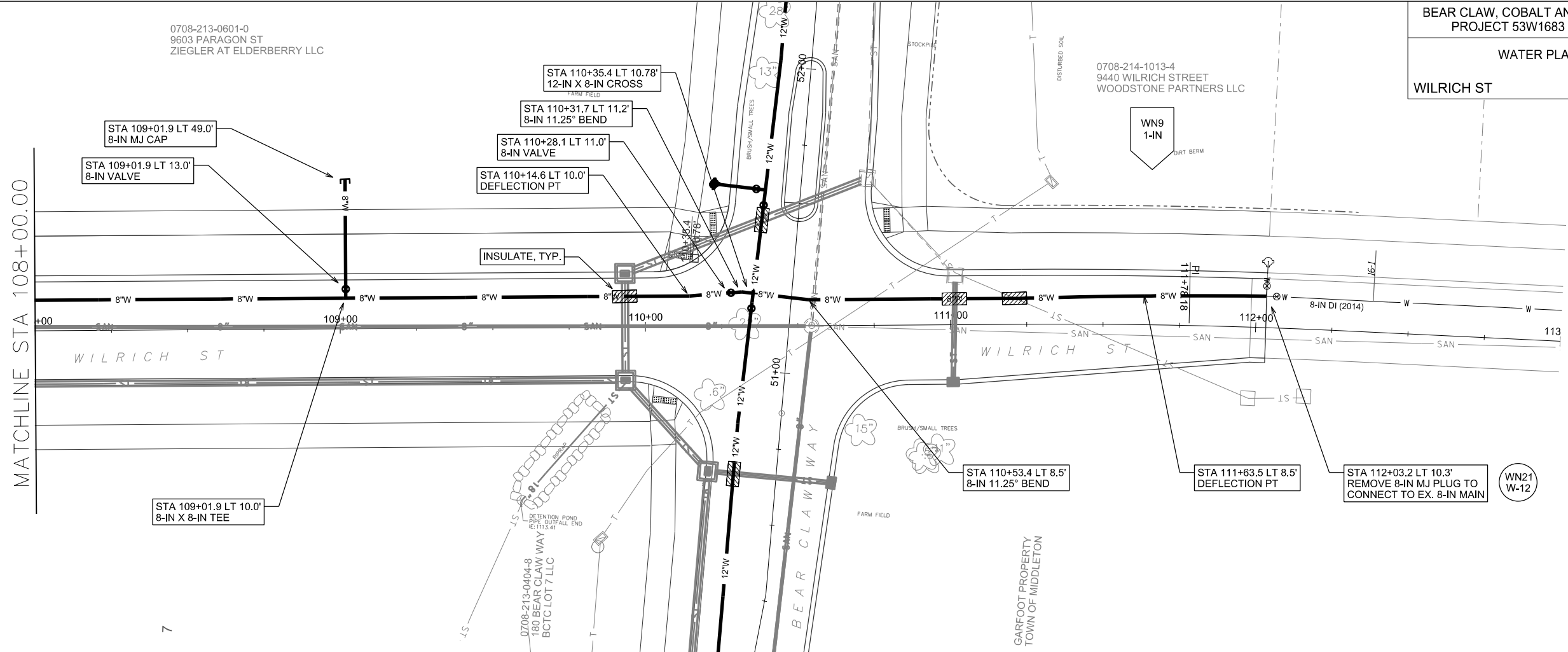
SHEET NO.
W-8

WATER PLAN AND PROFILE

WILRICH ST CITY OF MADISON

0708-214-1013-4
9440 WILRICH STREET
WOODSTONE PARTNERS LLC

MATCHLINE STA 108+00.00

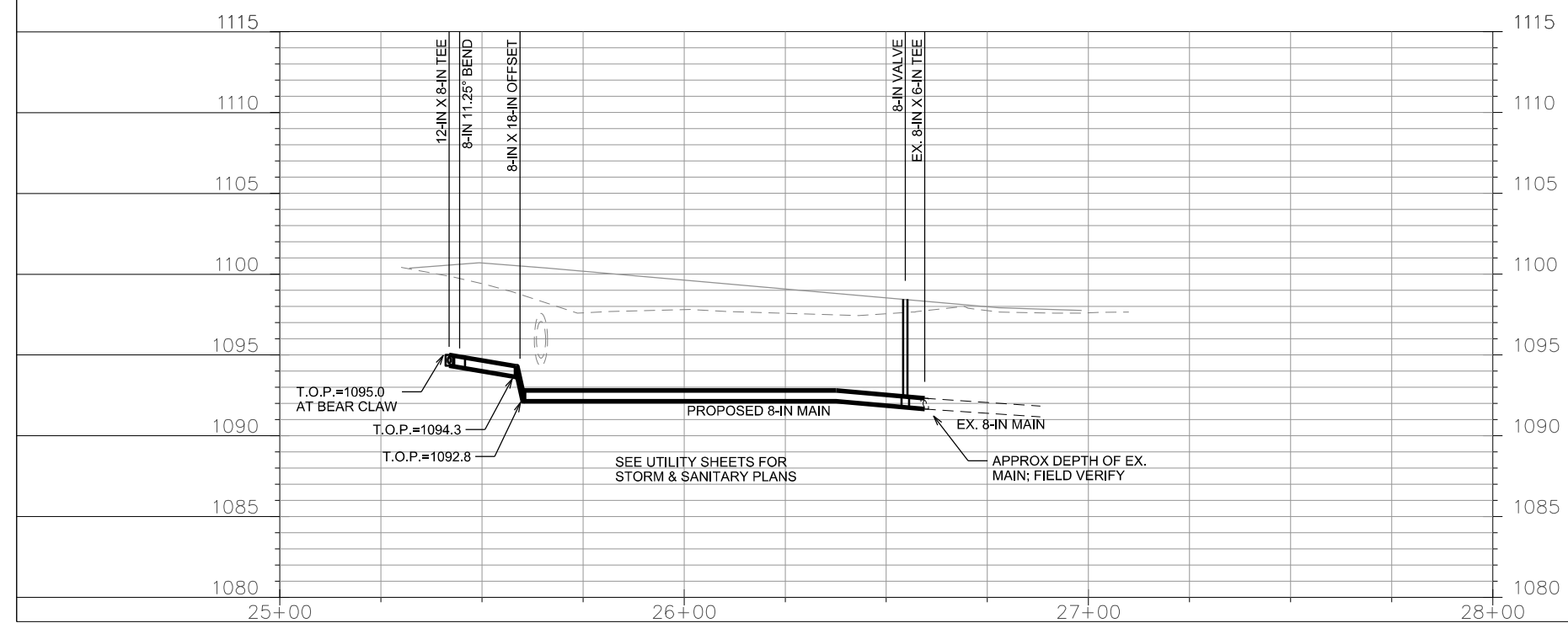
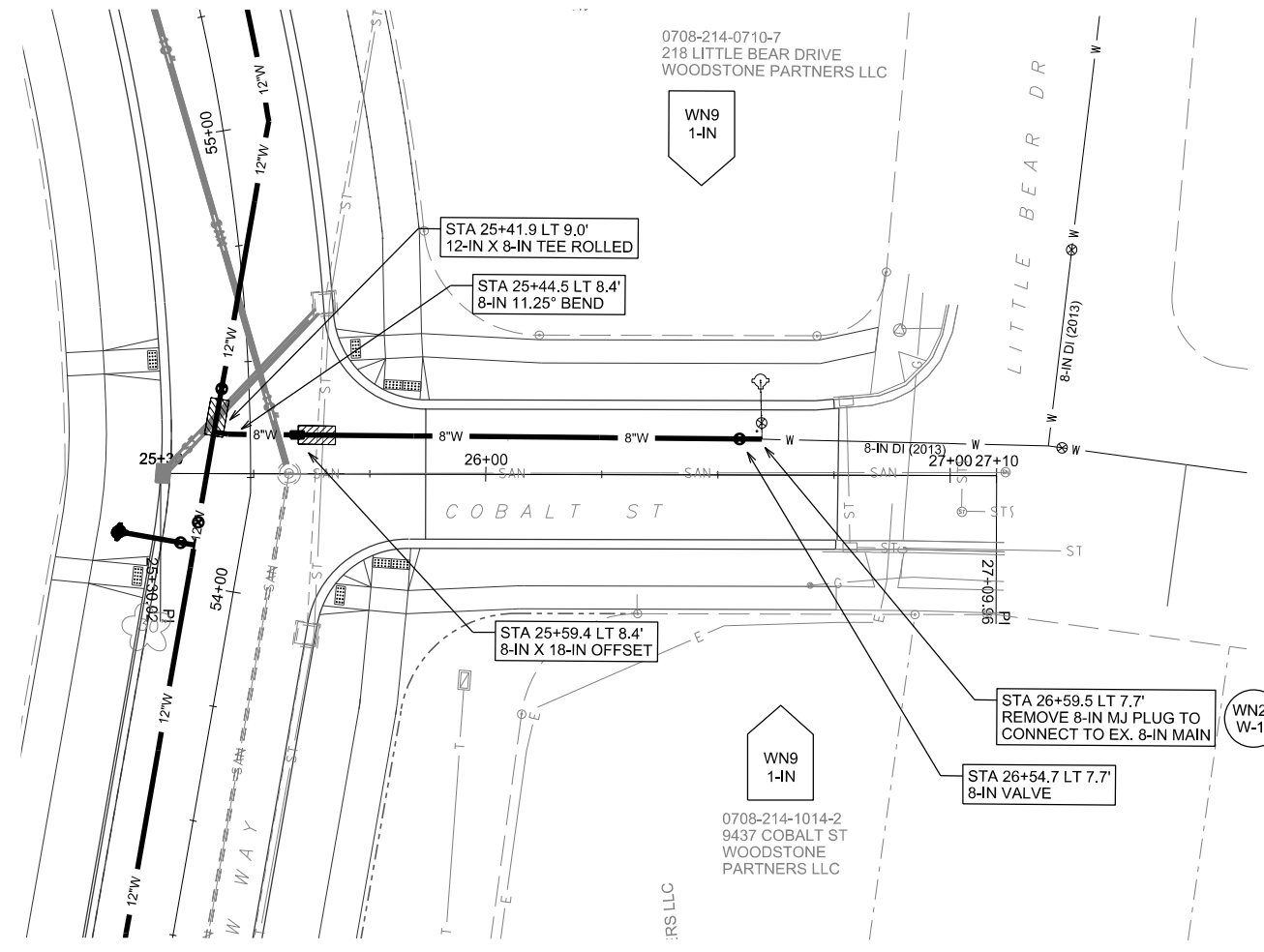


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REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



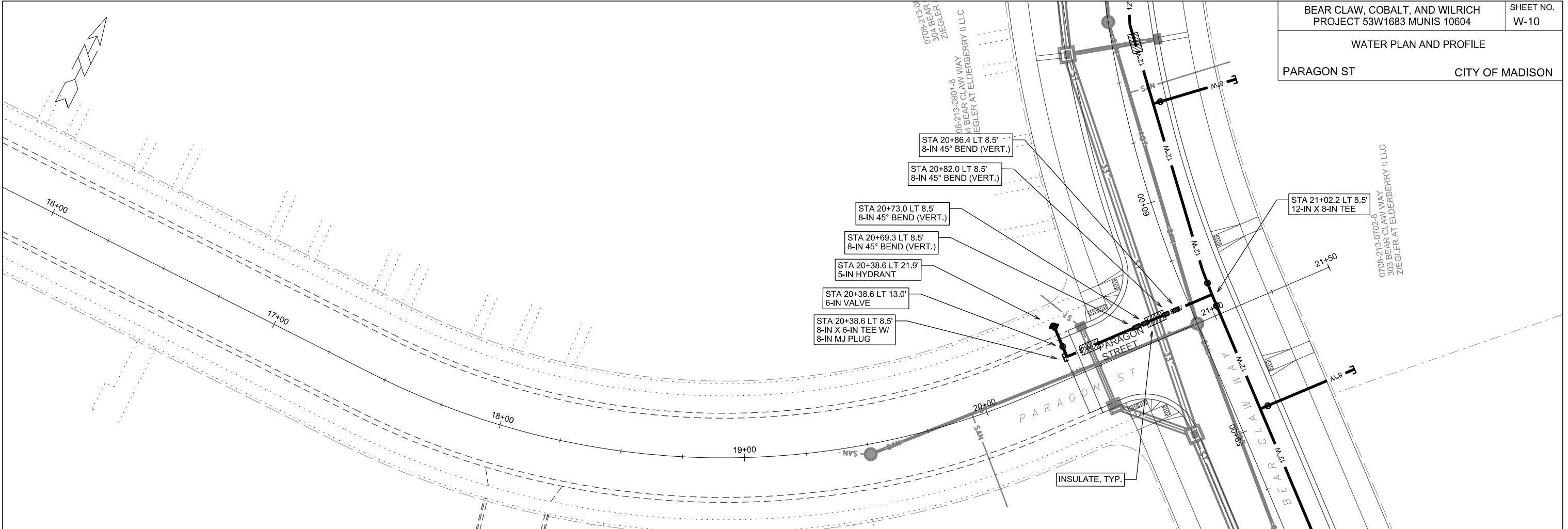
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PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

WATER PLAN AND PROFILE
PARAGON ST CITY OF MADISON

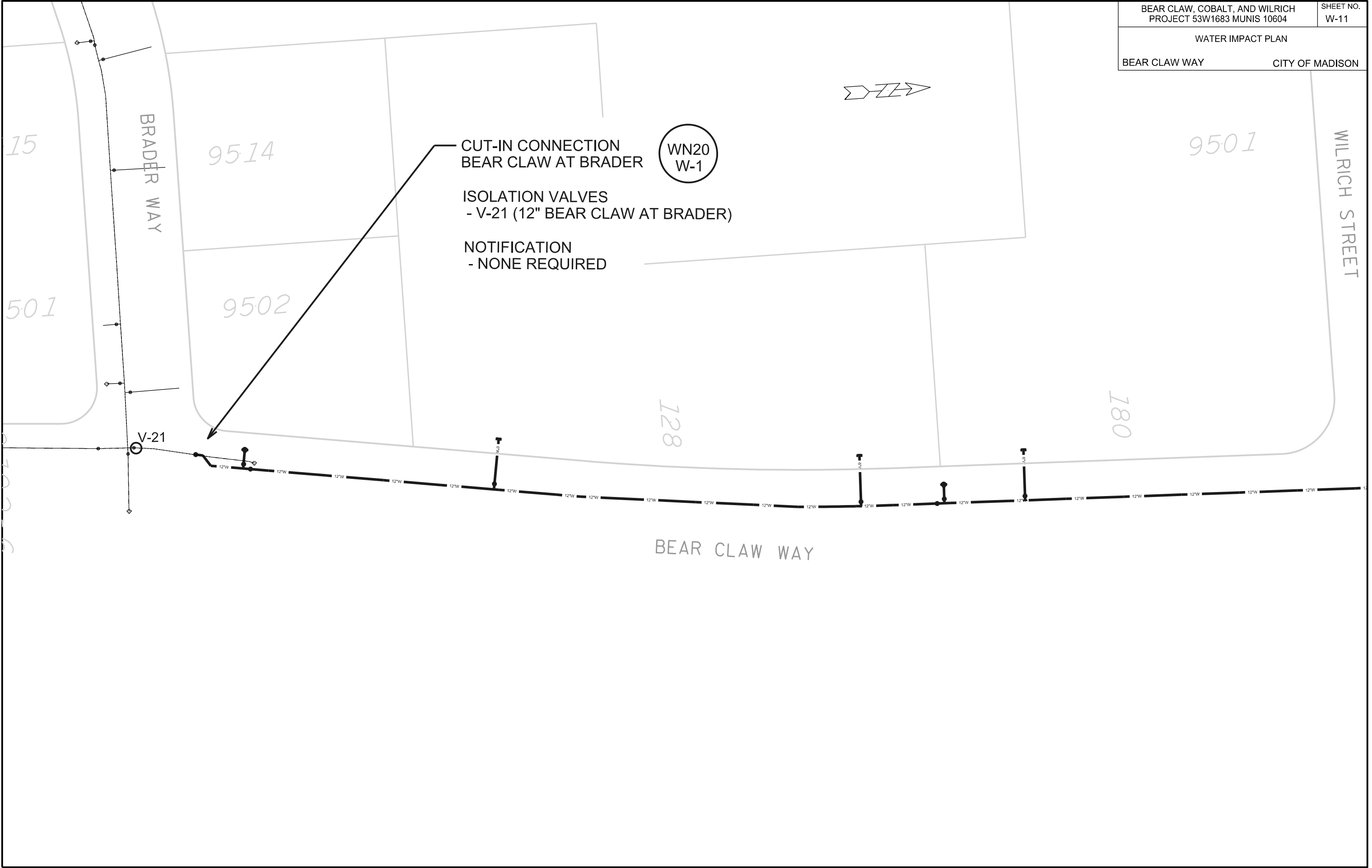


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REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

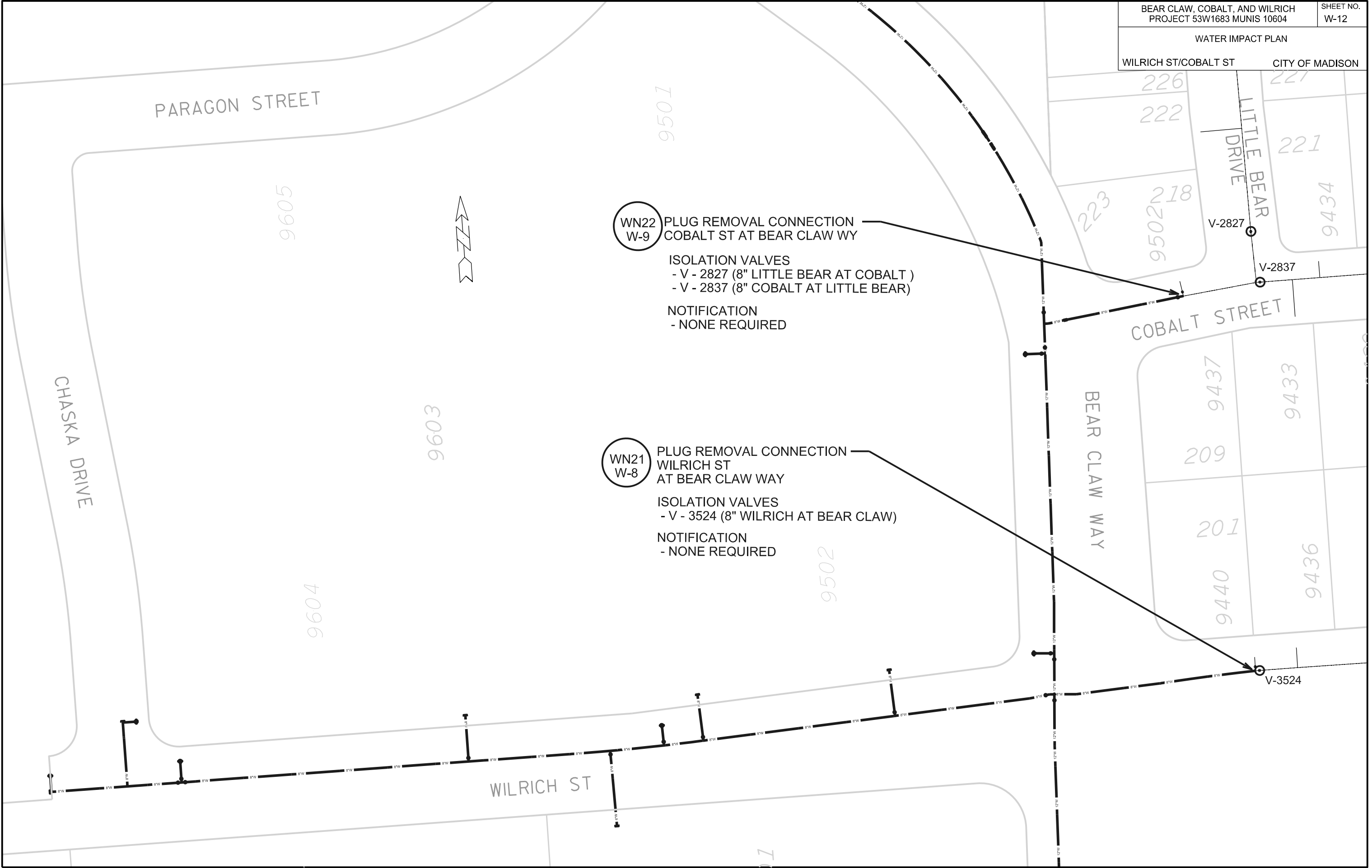


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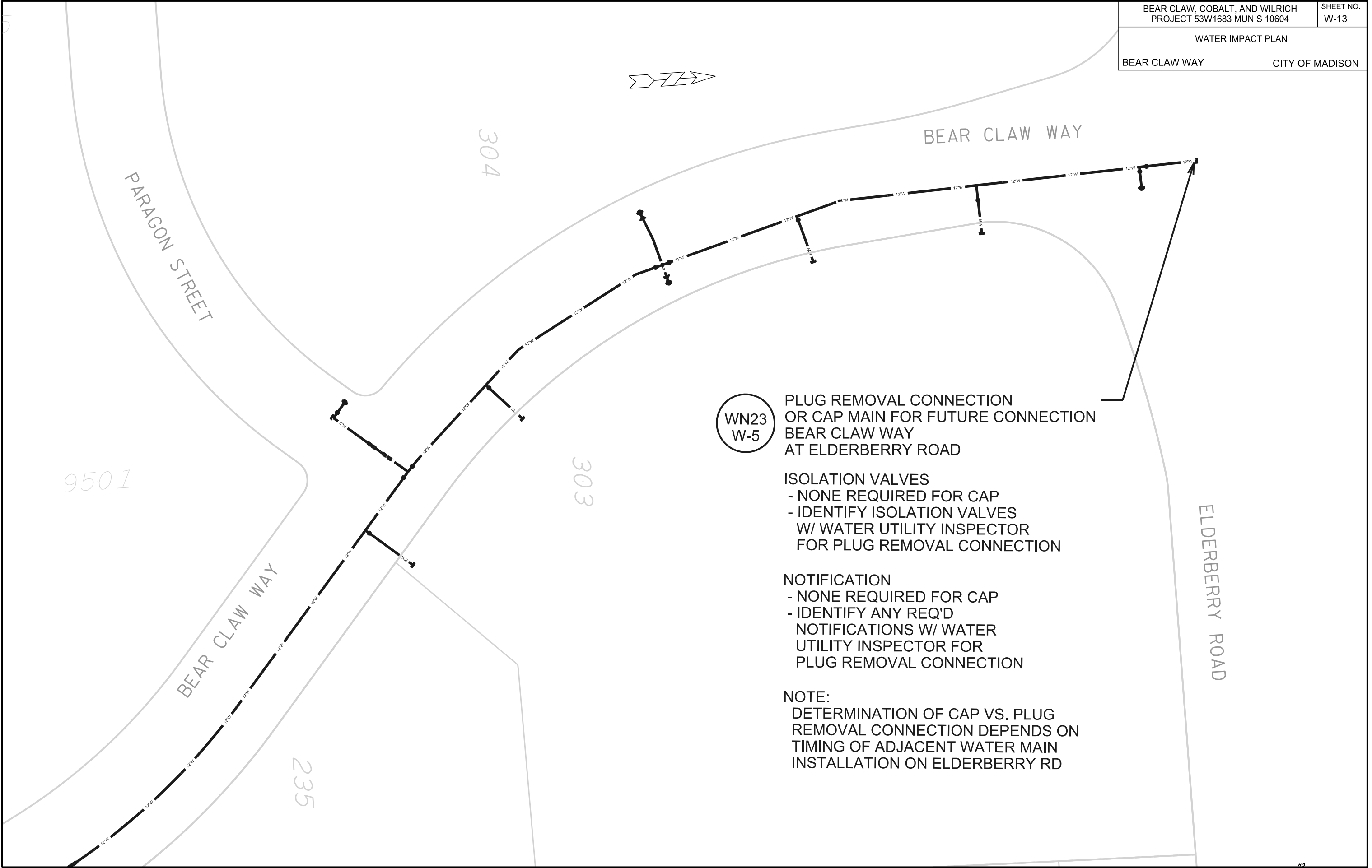
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ORIGINATOR: CITY OF MADISON, STREETS DIVISION



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



WN23
W-5

PLUG REMOVAL CONNECTION
OR CAP MAIN FOR FUTURE CONNECTION
BEAR CLAW WAY
AT ELDERBERRY ROAD

ISOLATION VALVES
- NONE REQUIRED FOR CAP
- IDENTIFY ISOLATION VALVES
W/ WATER UTILITY INSPECTOR
FOR PLUG REMOVAL CONNECTION

NOTIFICATION
- NONE REQUIRED FOR CAP
- IDENTIFY ANY REQ'D
NOTIFICATIONS W/ WATER
UTILITY INSPECTOR FOR
PLUG REMOVAL CONNECTION

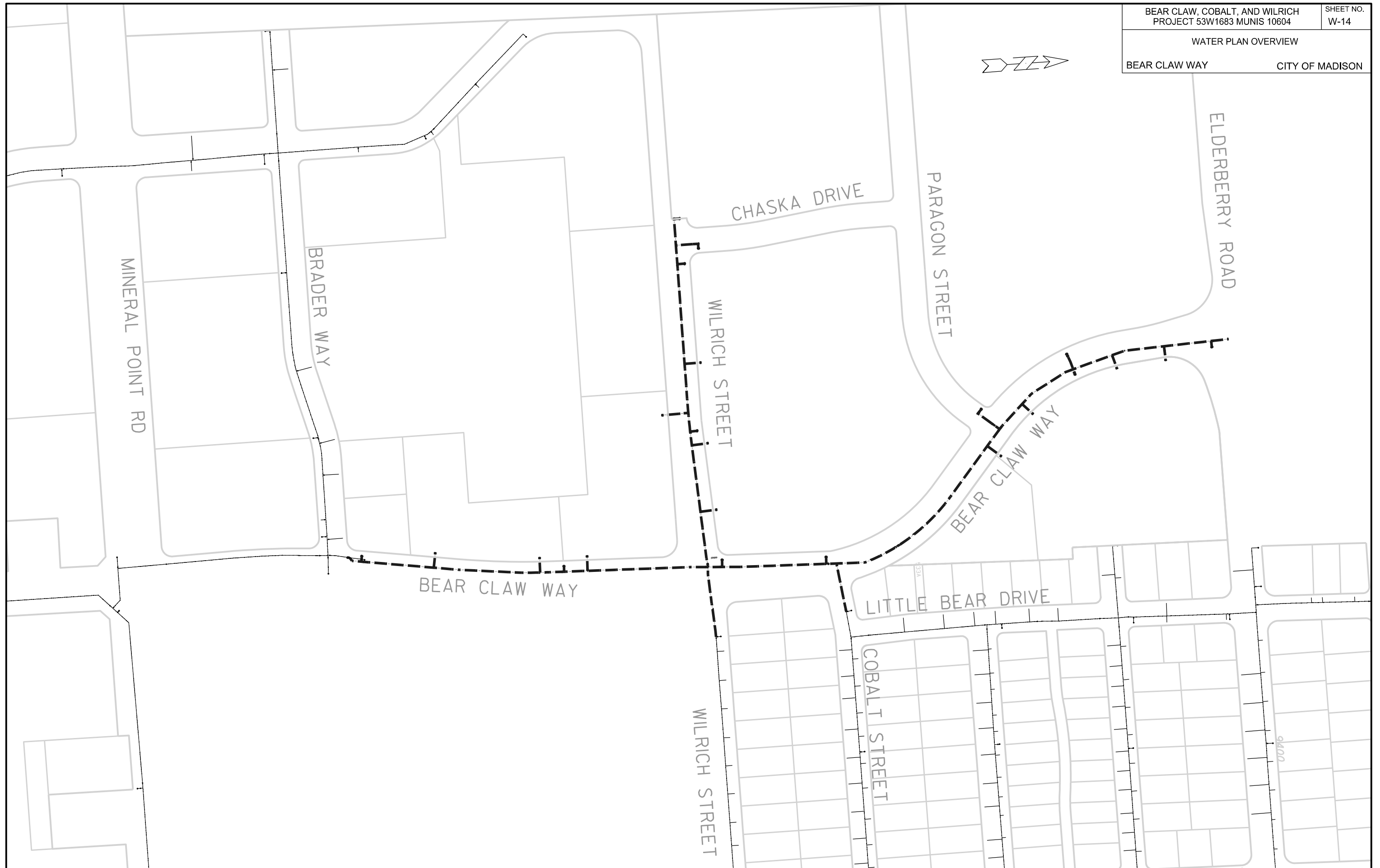
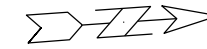
NOTE:
DETERMINATION OF CAP VS. PLUG
REMOVAL CONNECTION DEPENDS ON
TIMING OF ADJACENT WATER MAIN
INSTALLATION ON ELDERBERRY RD

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



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 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.

ESTIMATE OF MATERIALS SUPPLIED BY CONTRACTOR:

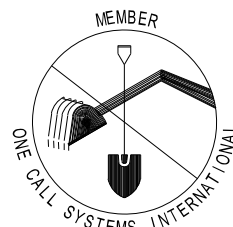
** ESTIMATE OF MATERIALS IS FOR INFORMATION ONLY. ENGINEER DOES NOT GUARANTEE ACCURACY OF MATERIAL TAKE-OFF.*

- | | |
|------------------------|------------------------------------|
| 340-FT - 6-IN PIPE | 1 - 12-IN 22.5° BEND |
| 1580-FT - 8-IN PIPE | 3 - 8-IN 11.25° BEND |
| 2340-FT - 12-IN PIPE | 3 - 12-IN 11.25° BEND |
| 4900-FT - POLYWRAP | 2 - 8-IN X 6-IN REDUCER |
| 12 - 6-IN VALVE & BOX | 1 - 8-IN X 18-IN OFFSET |
| 11 - 8-IN VALVE & BOX | 3 - 8-IN MJ PLUG |
| 12 - 12-IN VALVE & BOX | 4 - 6-IN MJ CAP |
| 7 - 8-IN X 6-IN TEE | 7 - 8-IN MJ CAP |
| 4 - 8-IN X 8-IN TEE | 1 - 12-IN MJ CAP |
| 8 - 12-IN X 6-IN TEE | 12 - HYDRANT |
| 6 - 12-IN X 8-IN TEE | 184-FT - 2-IN STYROFOAM INSULATION |
| 2 - 12-IN X 8-IN CROSS | 1-IN COPPER (AS REQ'D) |
| 4 - 8-IN 45° BEND | |
| 6 - 12-IN 45° BEND | |

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

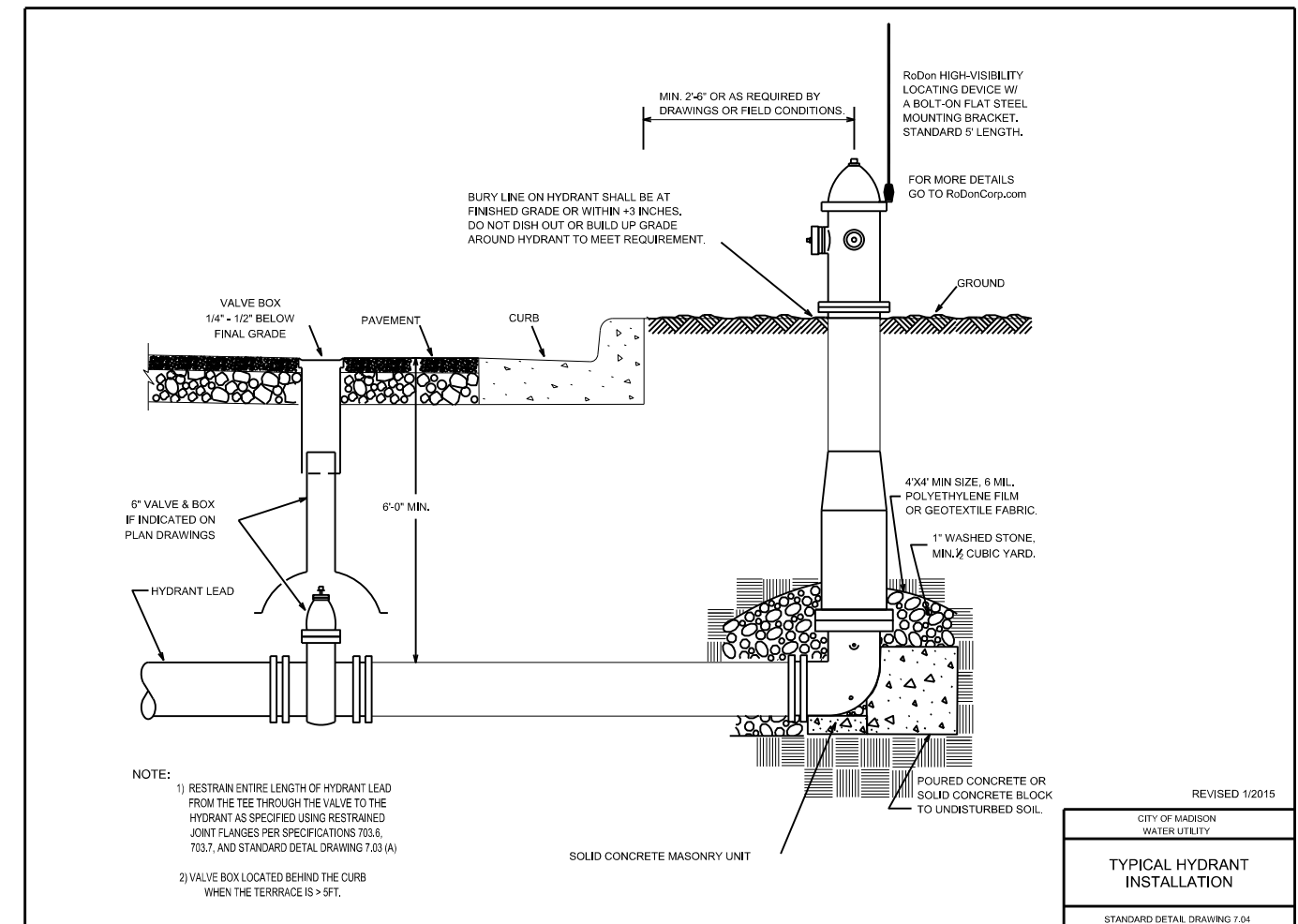
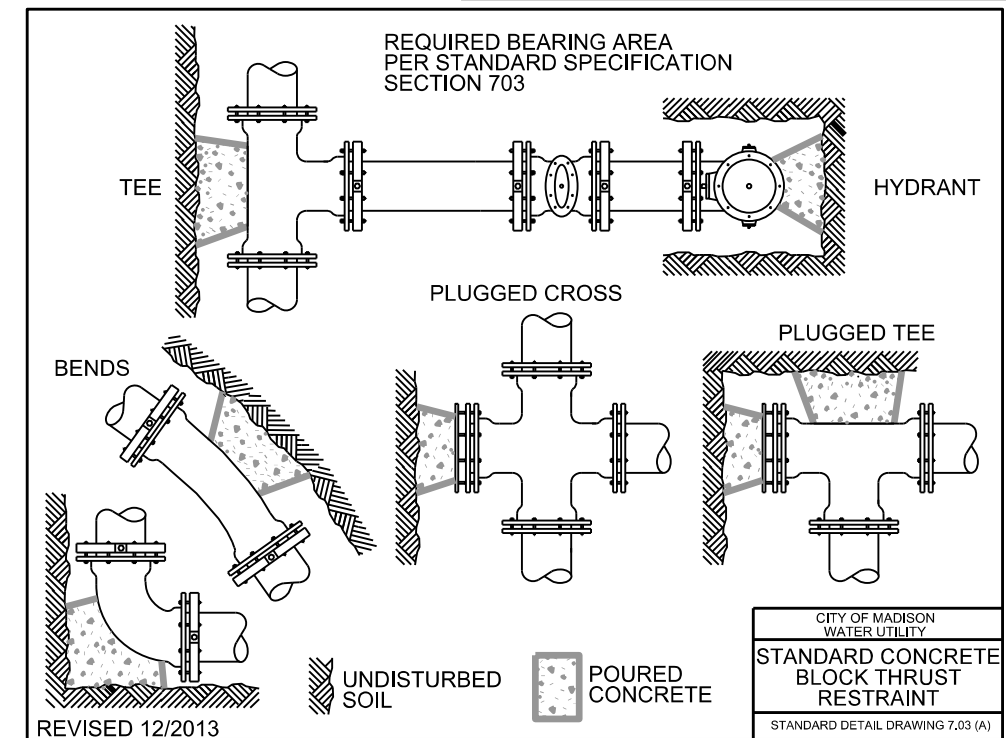
WIS. STATUTE 182.0175 (1974)
REQUIRES MIN. OF 3 WORK DAYS
NOTICE BEFORE YOU EXCAVATE.



ESTIMATE OF MATERIALS SALVAGED:

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

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.



ELECTRICAL PLAN

BEAR CLAW WAY



CITY OF MADISON

5/21/15 KF

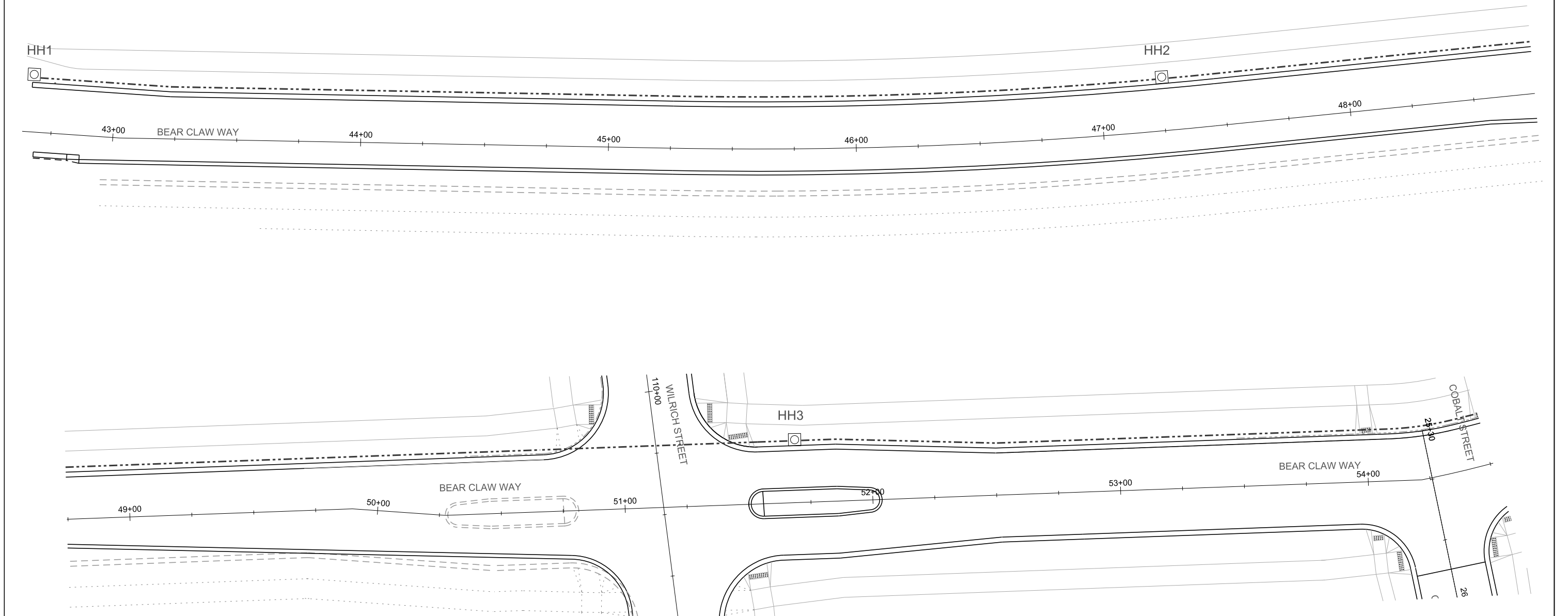
GENERAL ELECTRIC NOTES:

1. ALL LOCATIONS ARE APPROXIMATE. THE TRAFFIC ENGINEER SHALL APPROVE FINAL LOCATIONS, INCLUDING SETBACK, IN THE FIELD AFTER CONTRACTOR SURVEYS STAKING. THE CONTRACTOR SHALL NOTIFY KEVIN FAHEY (266-6525) CITY TRAFFIC ENGINEERING, AT LEAST 24-HOURS IN ADVANCE *** OF NEEDING CONDUIT OR HANDHOLE LOCATIONS MARKED.
2. THE CONTRACTOR SHALL DO ALL WORK IN ACCORDANCE WITH "CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 2015 EDITION" AND ALL ADDENDUMS THERETO. ALL CONDUIT SHALL BE PVC, SCHEDULE 80 UNDER PAVEMENT OR SCHEDULE 40 OTHERWISE. PULL WIRE REQUIRED AS PER STANDARD SPECIFICATIONS.
3. THE CONTRACTOR SHALL CALL MIKE CHRISTOPH (266-9031) AT THE TRAFFIC ENGINEERING SHOP AT LEAST 24-HOURS IN ADVANCE OF POURING BASES OR BURYING CONDUIT TO ARRANGE FOR INSPECTION. ANY WORK COMPLETED WITHOUT INSPECTION IS SUBJECT TO REJECTION.
4. THE CONTRACTOR SHALL ARRANGE FOR PICK UP OF THE FOLLOWING CITY FURNISHED MATERIALS, WHICH SHOULD BE ARRANGED FOR PICKUP BY CALLING DENNIS ROWE, TRAFFIC ENGINEERING SHOP, 266-9034 1120 SAYLE ST, AT LEAST 24-HOURS PRIOR TO NEEDING MATERIALS:
-TYPE I HANDHOLES: 8

LEGEND

-  ELECTRICAL HANDHOLE TYPE I
-  INSTALL 3" PVC

BRADER WAY

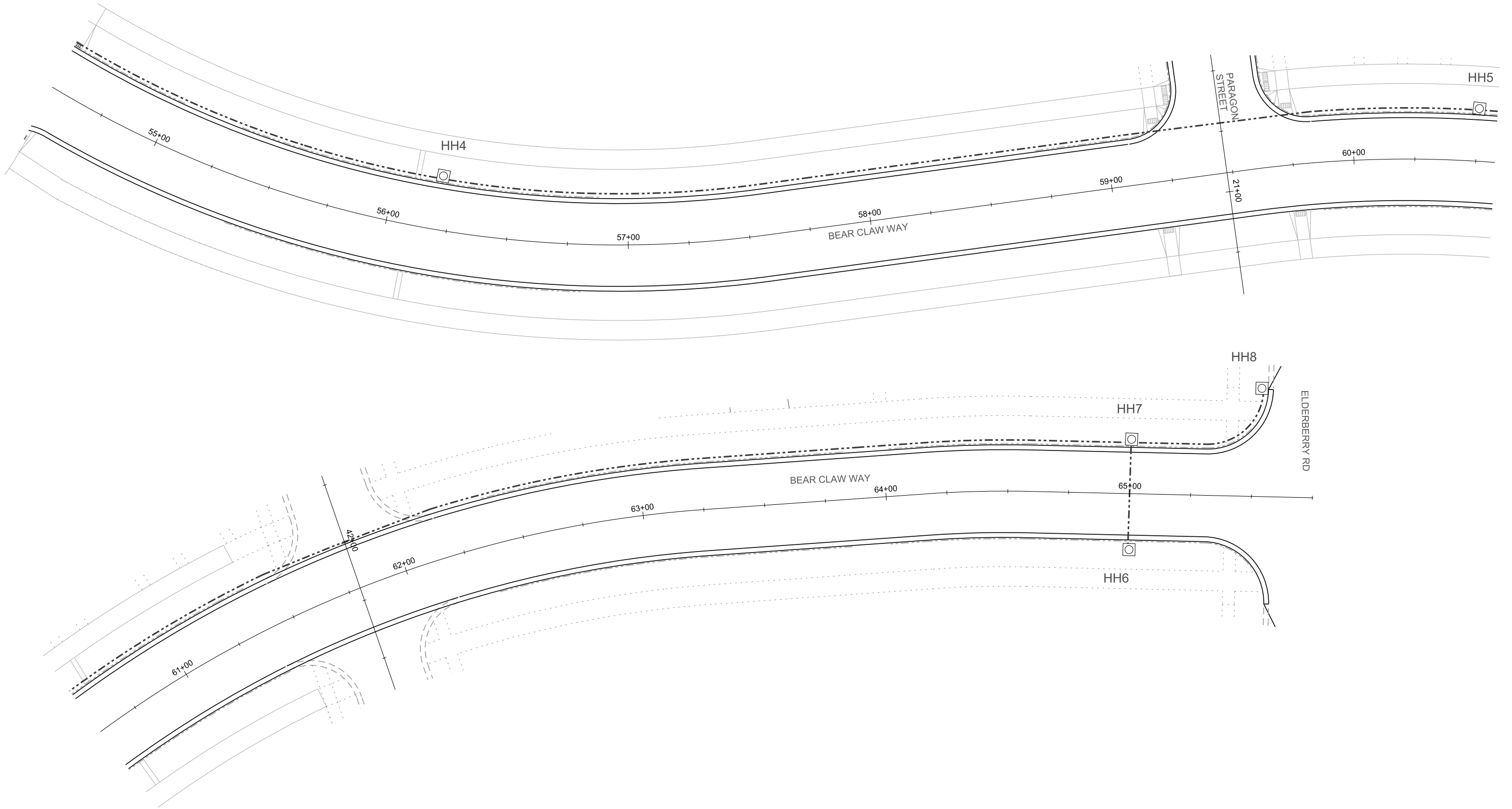


ORIGINATOR: CITY OF MADISON, TRAFFIC ENGINEERING

ELECTRICAL PLAN

BEAR CLAW WAY
5/21/15 KF

CITY OF MADISON



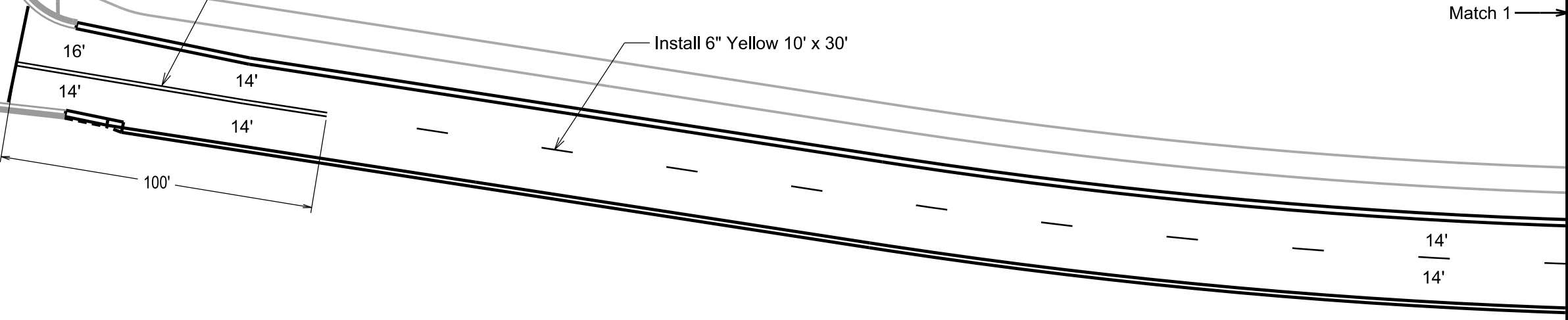
N ↑
BRADER WAY

BEAR CLAW WAY

Install 4" Double Yellow

Install 6" Yellow 10' x 30'

Match 1 →



PLOT SCALE:

PLOT NAME:

REV. DATE:

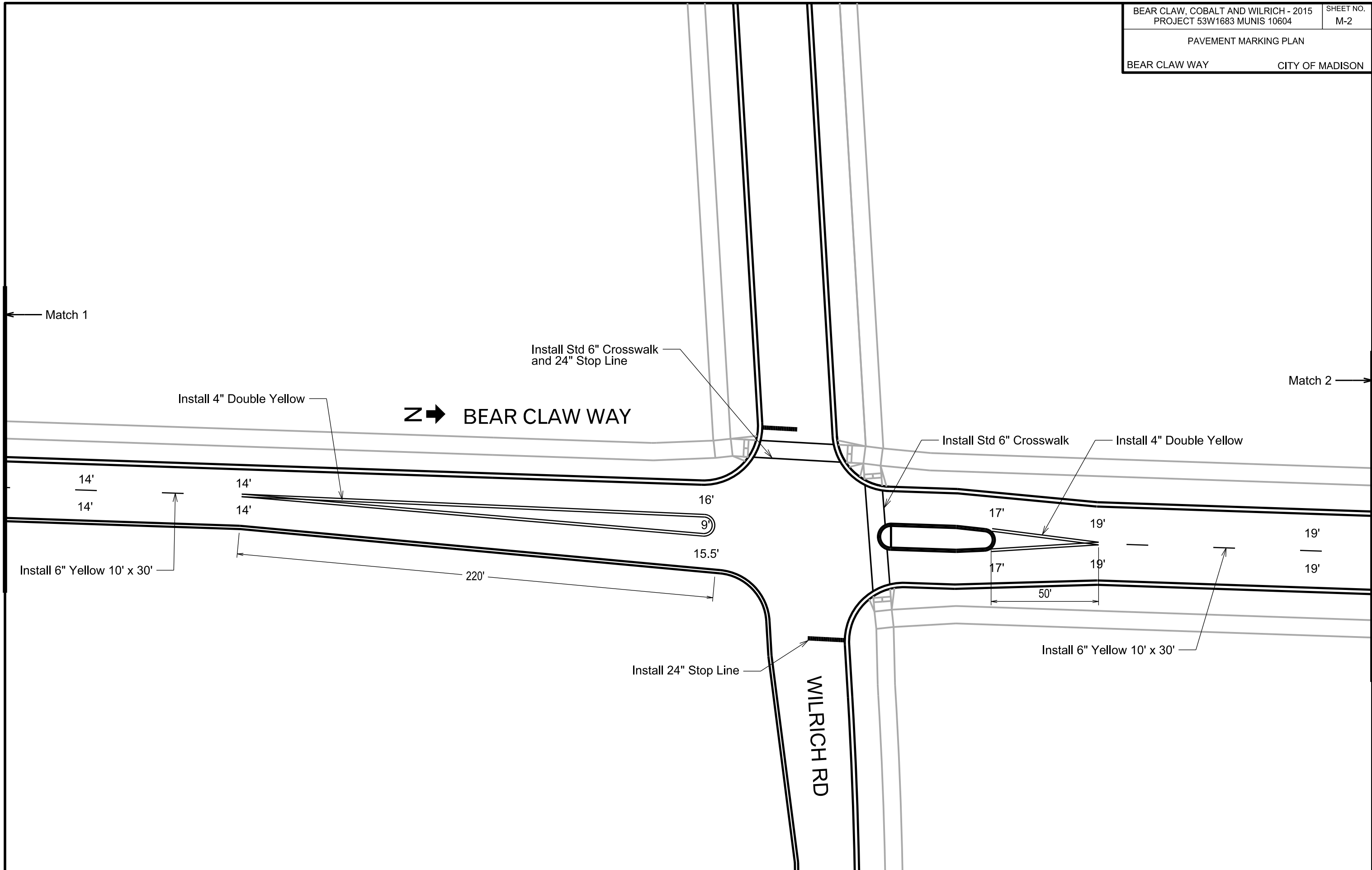
ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

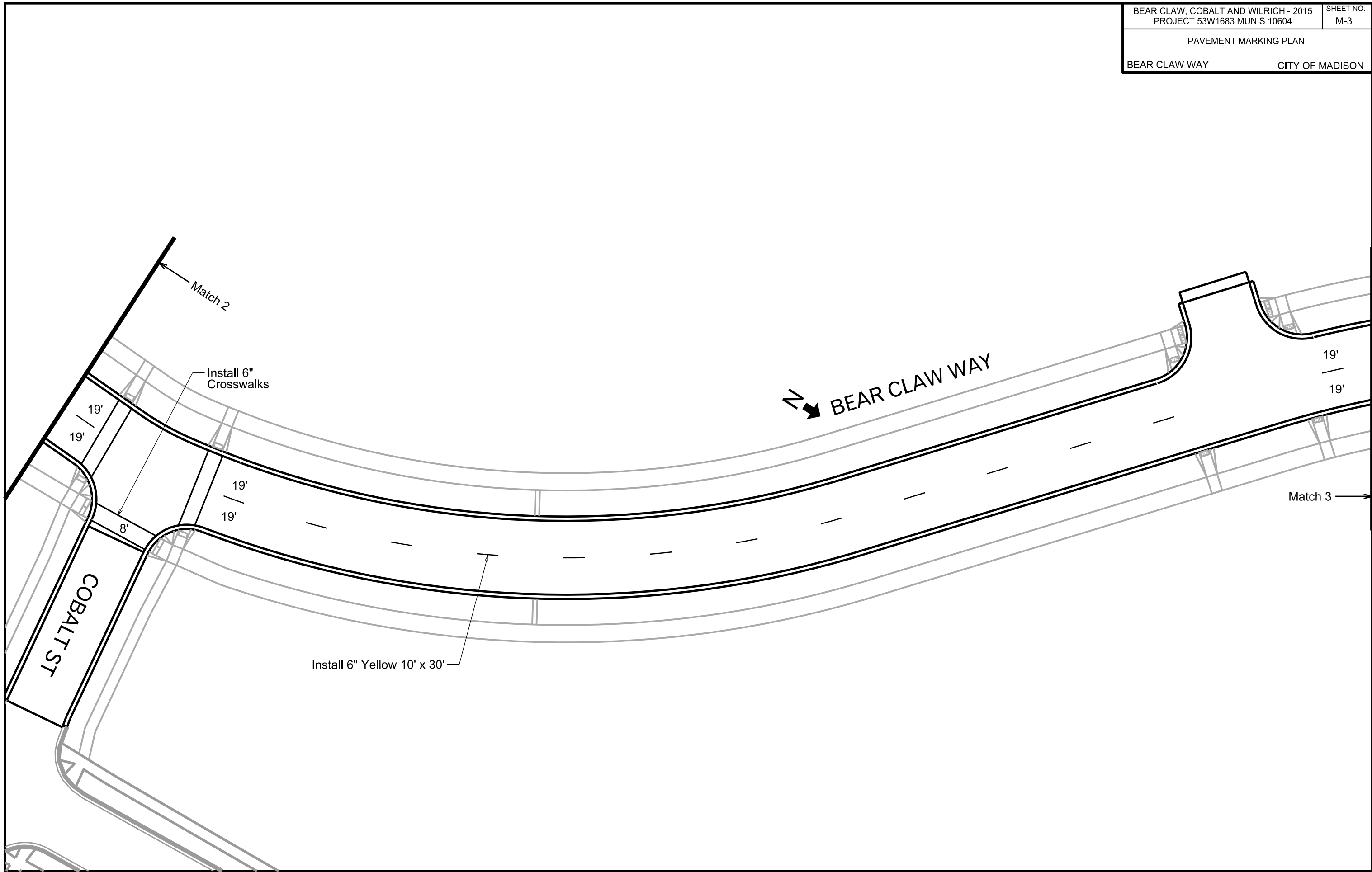


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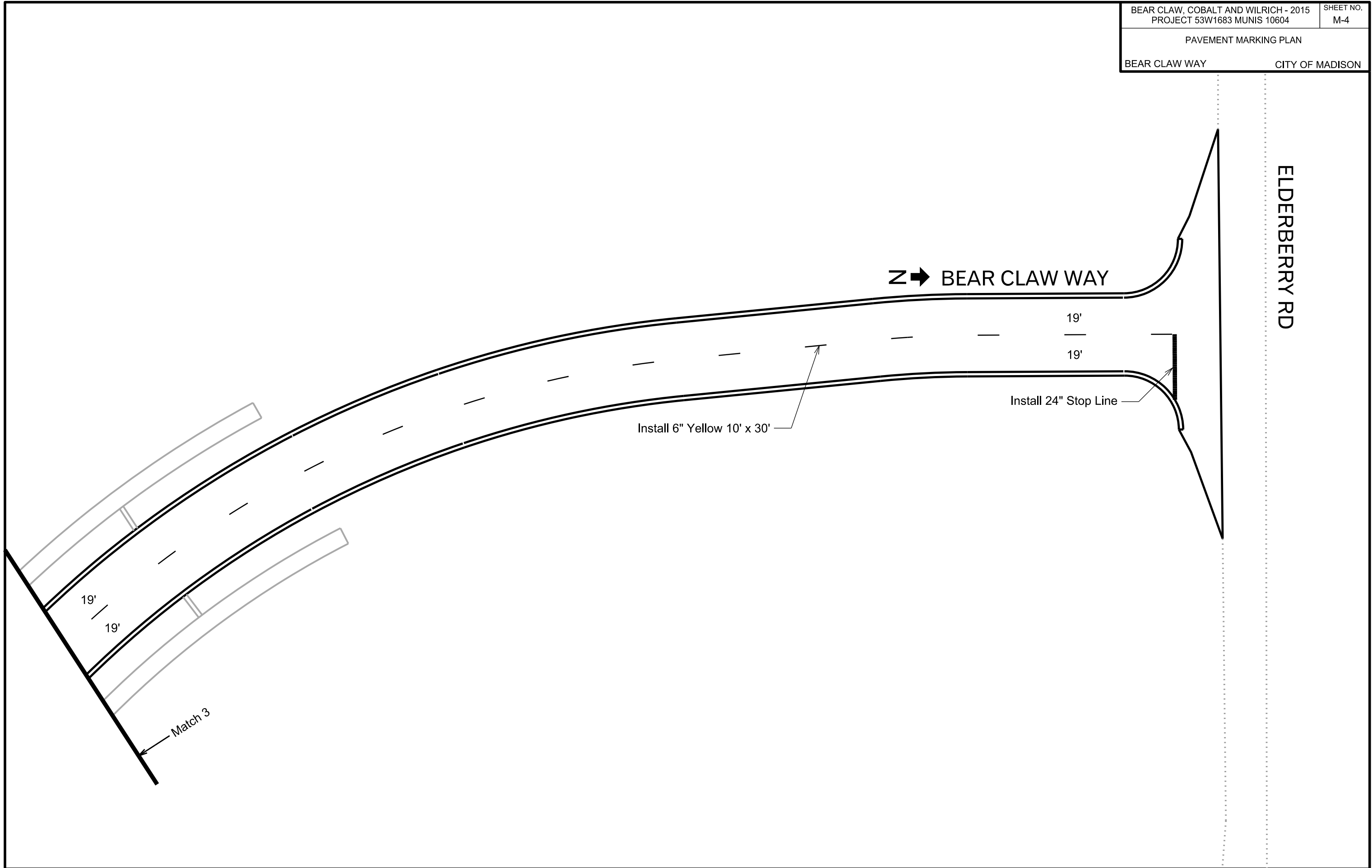


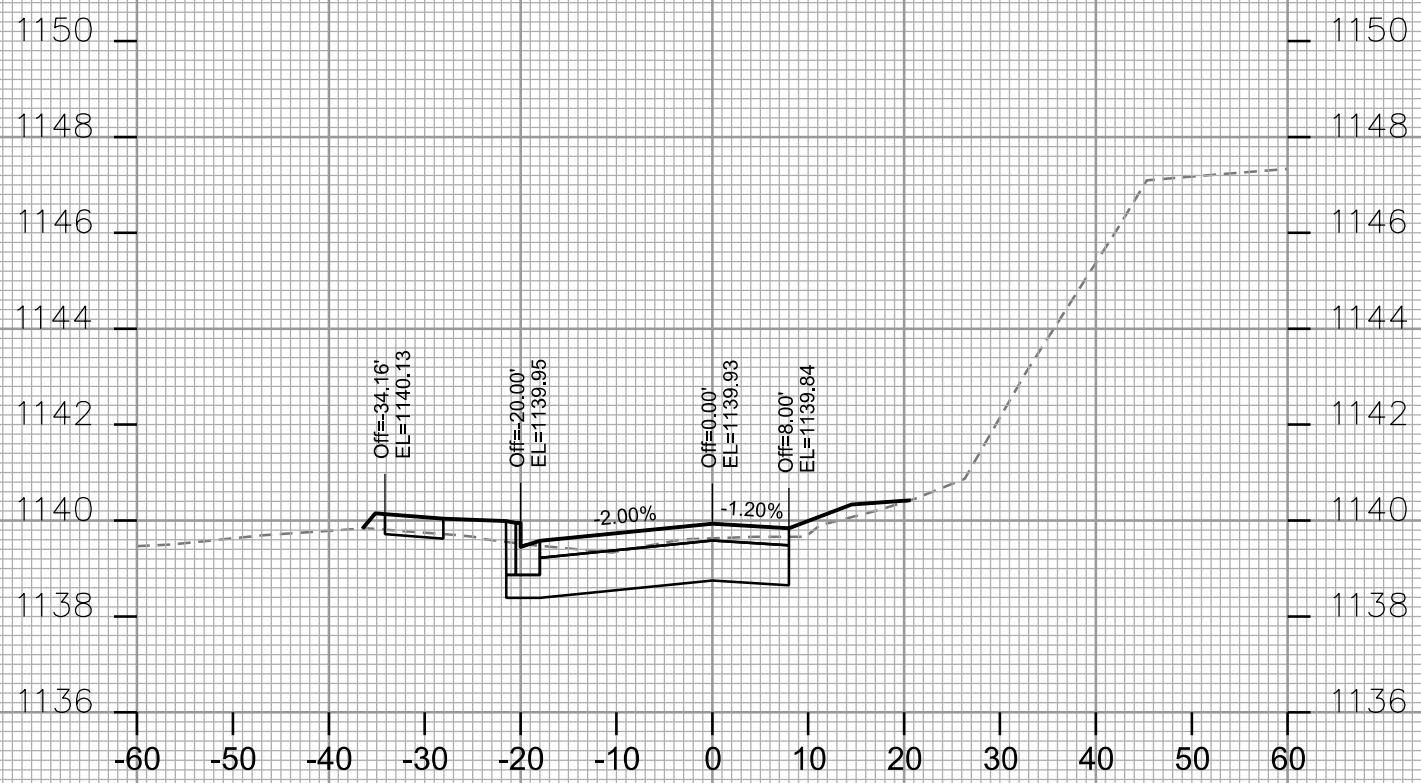
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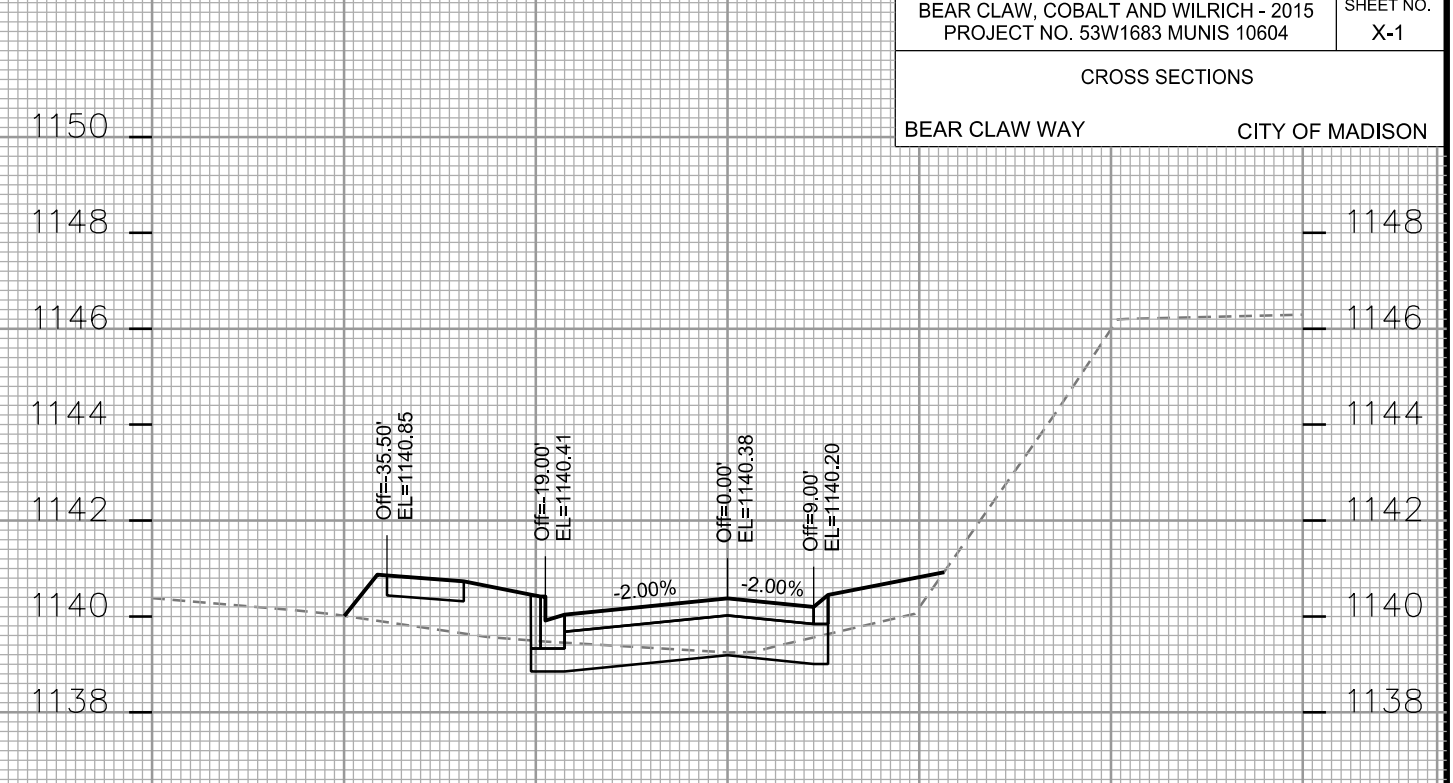
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ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.





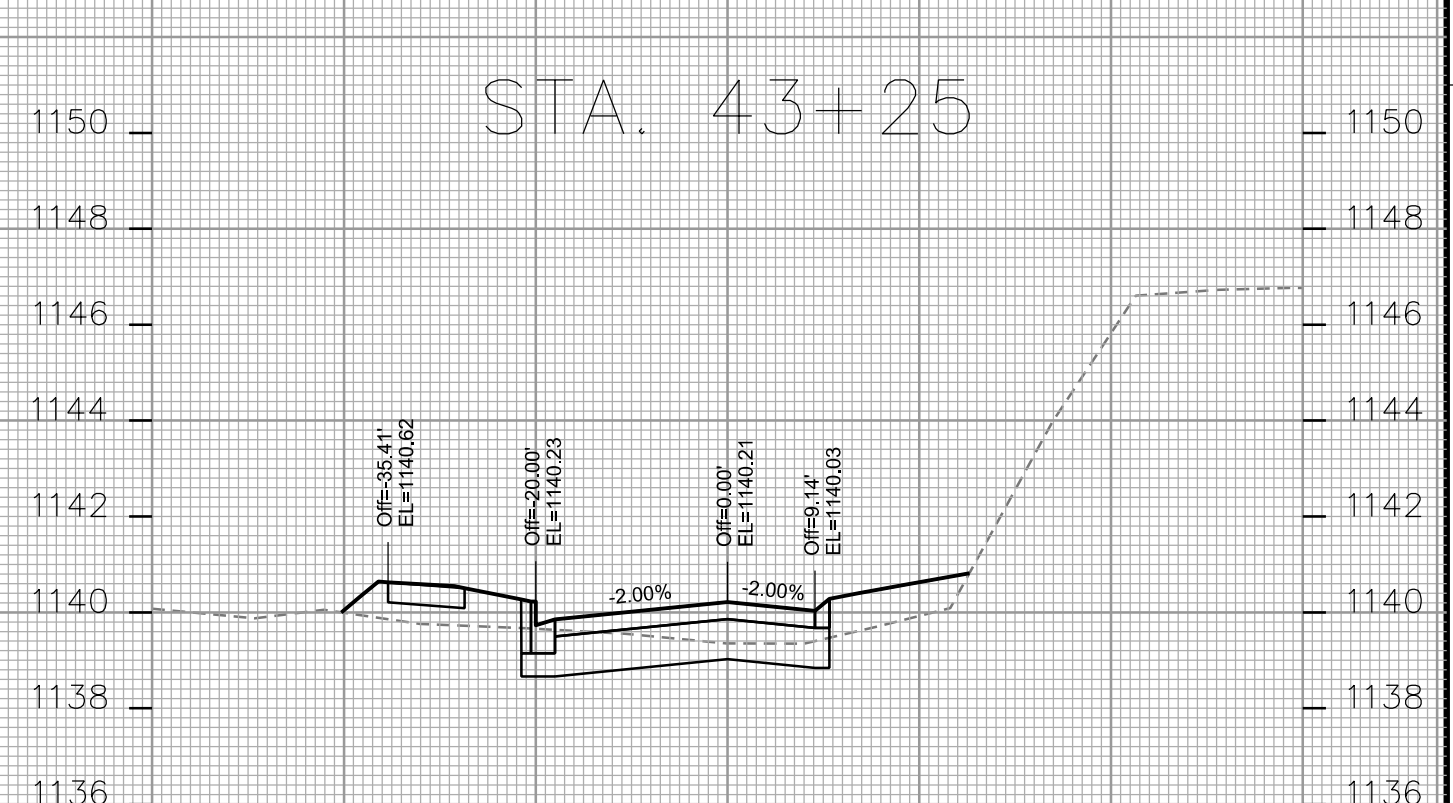
STA. 42+75



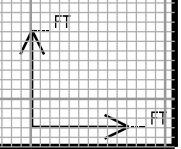
STA. 43+25



STA. 42+50



STA. 43+00



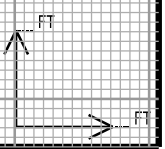
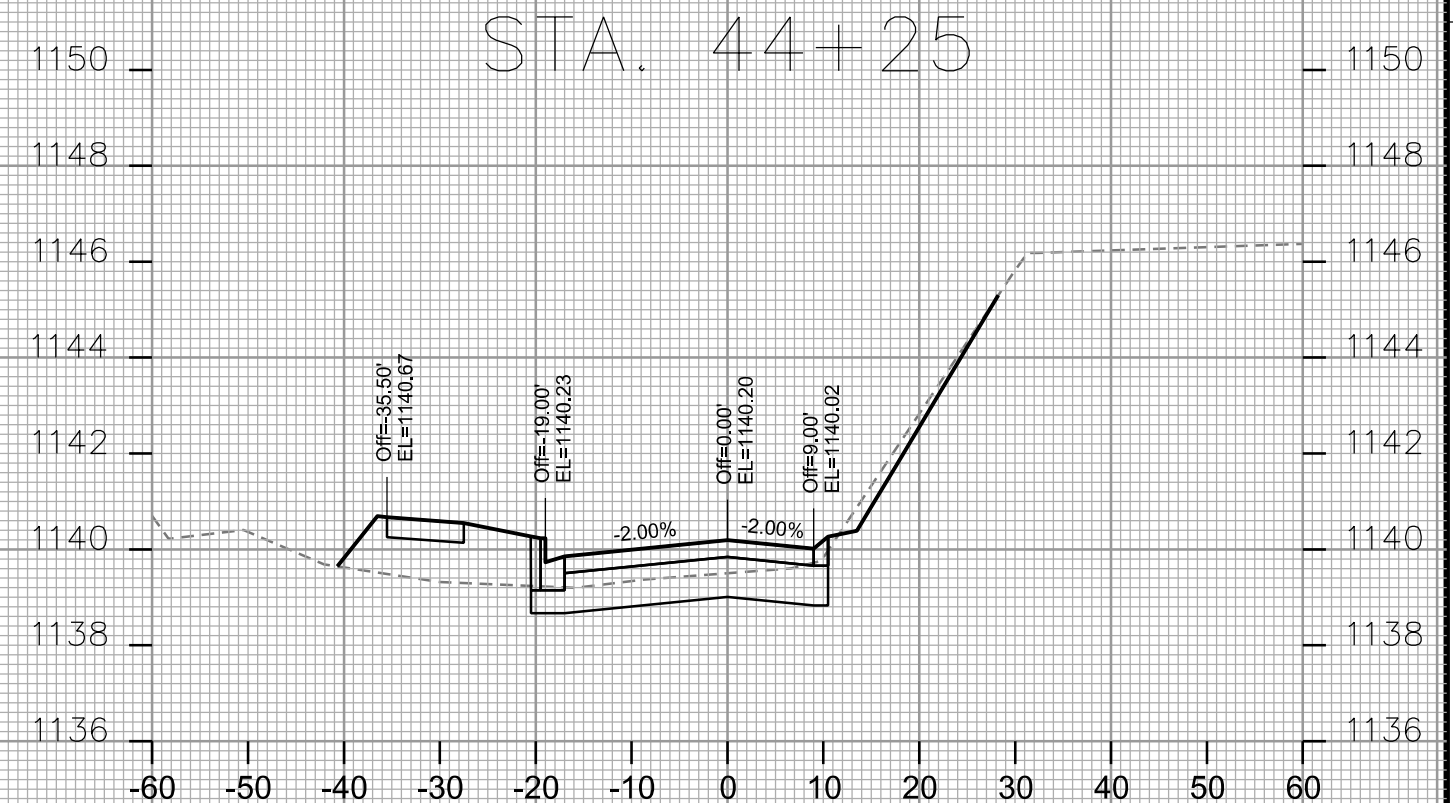
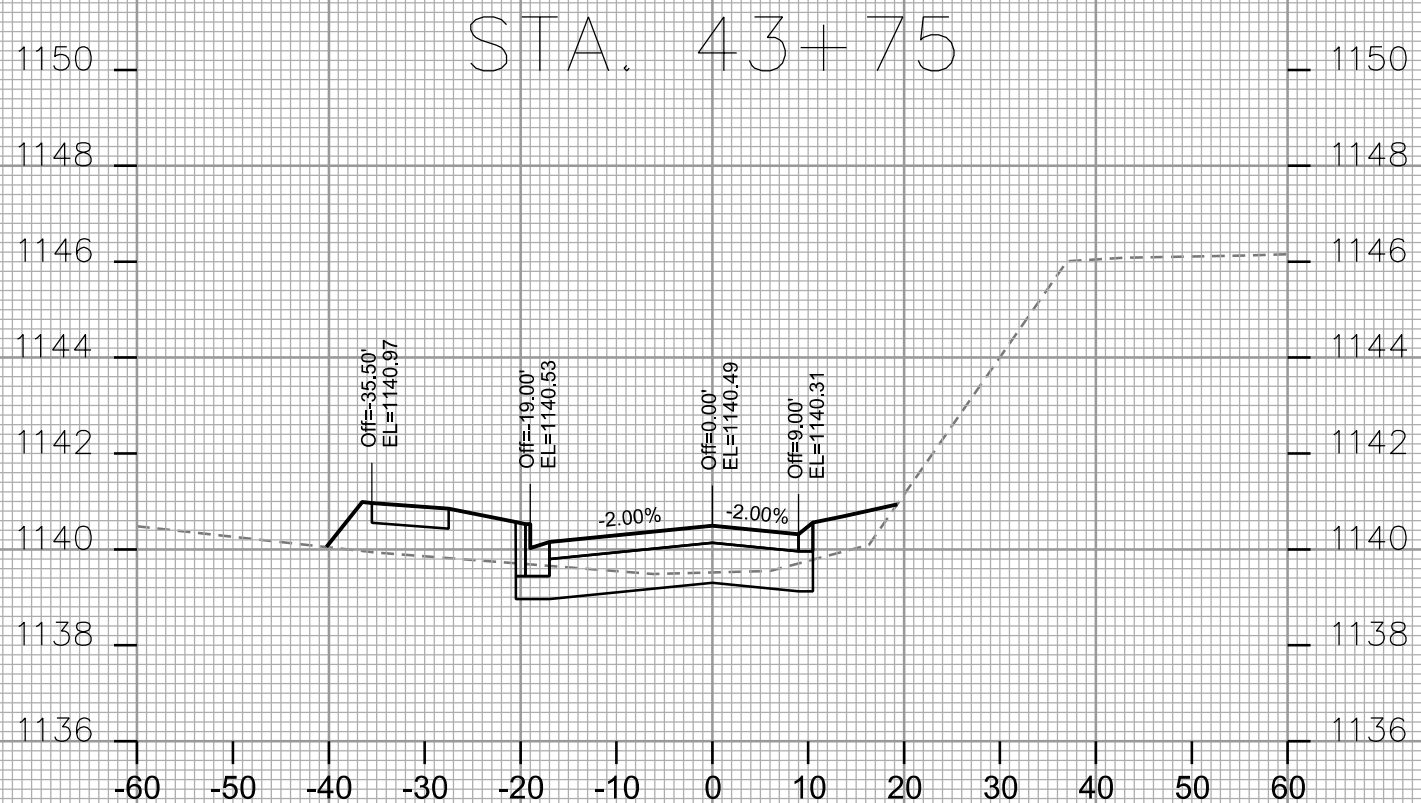
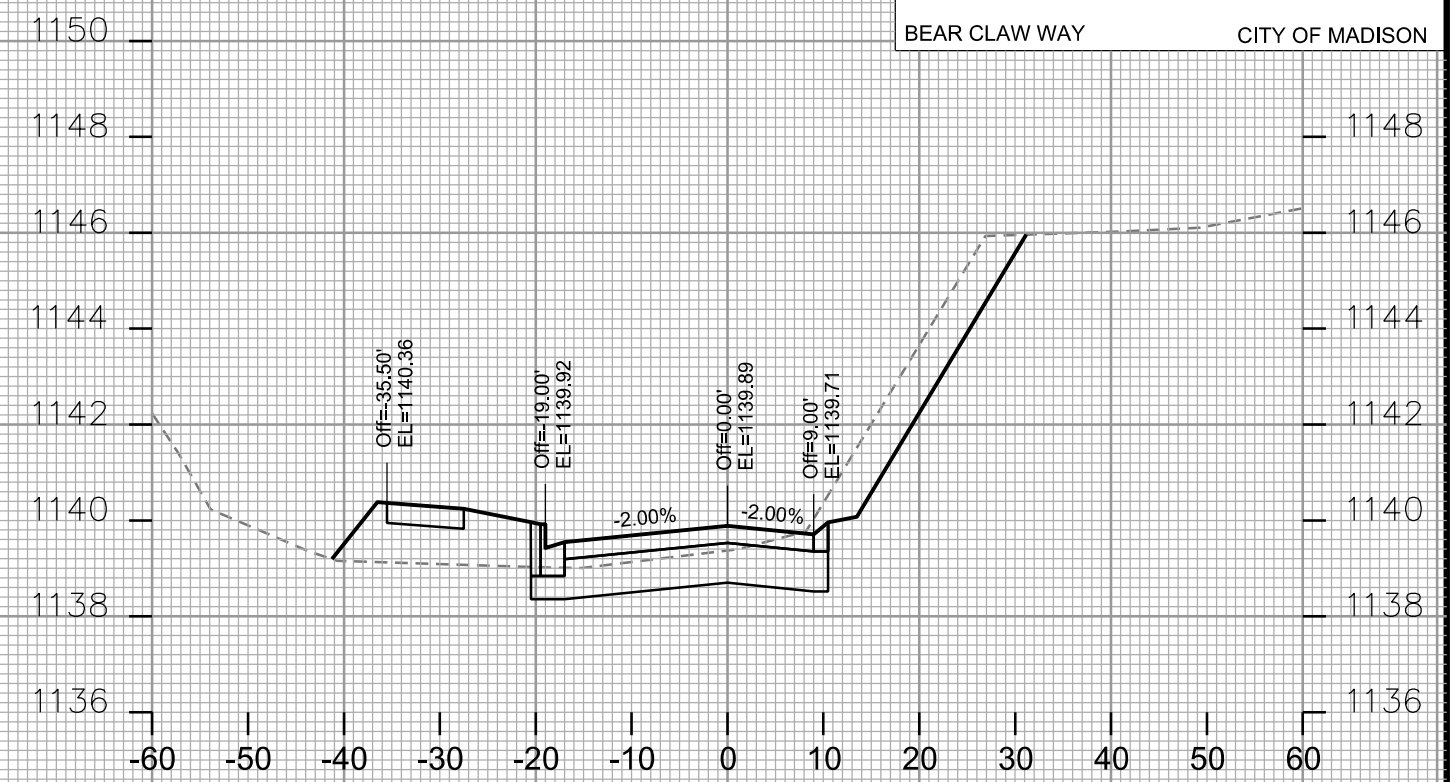
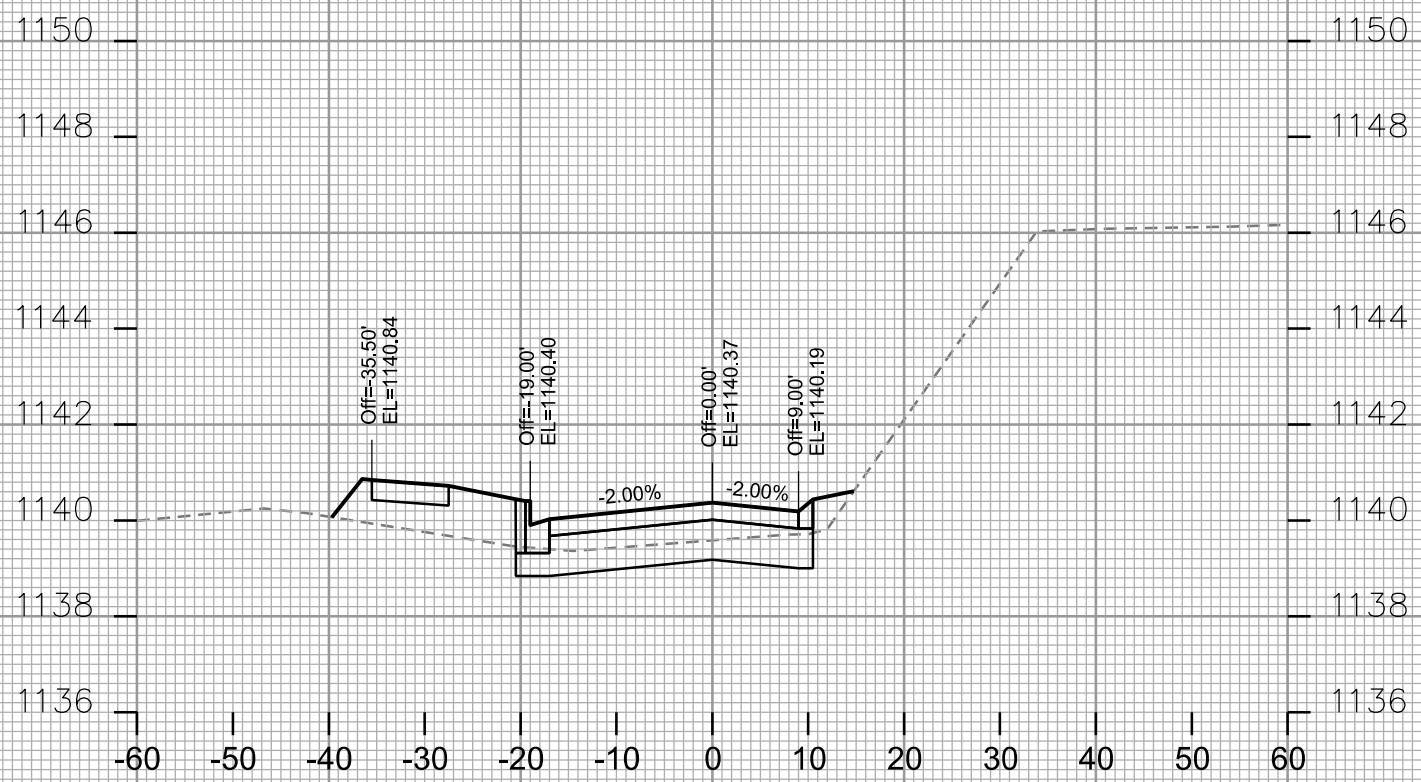
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PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON - STREETS DIVISION

CROSS SECTIONS
BEAR CLAW WAY CITY OF MADISON

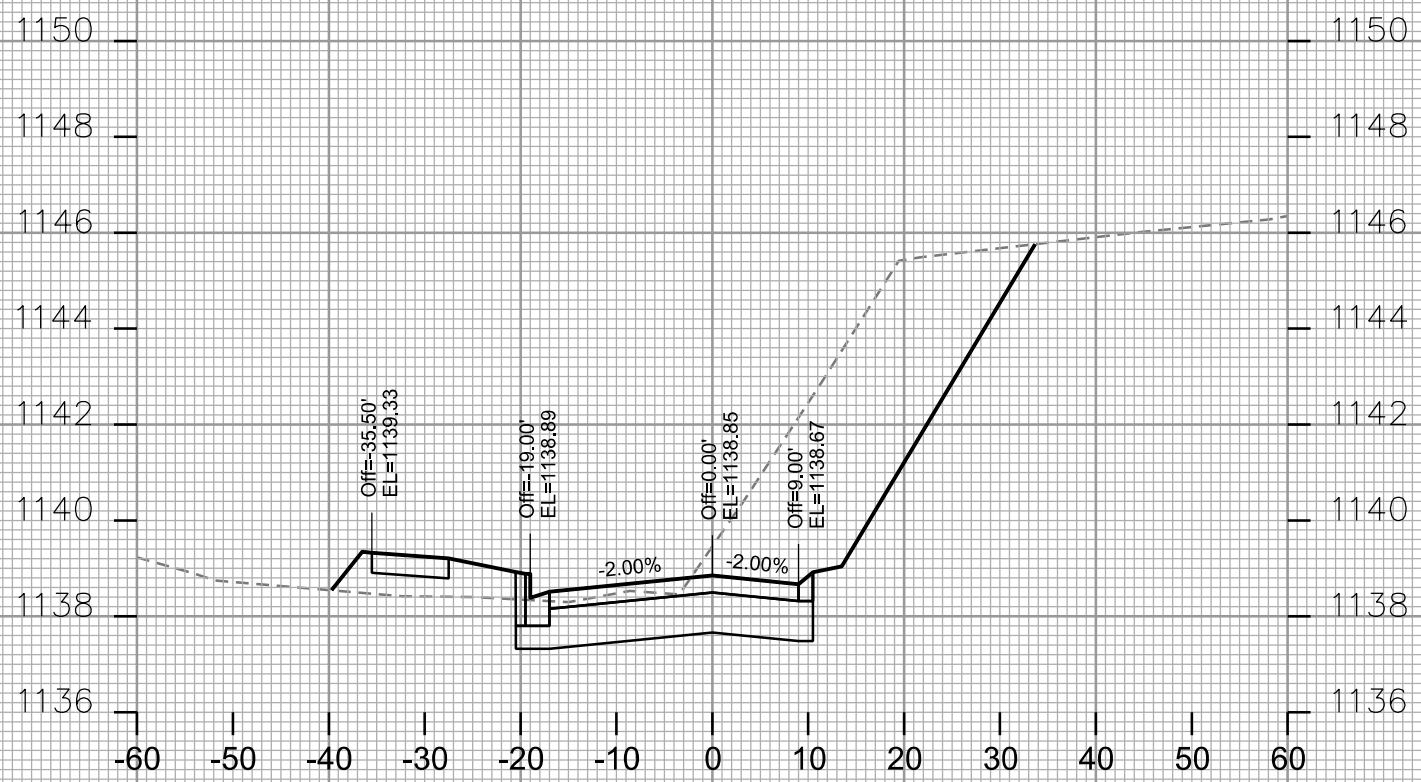


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PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON - STREETS DIVISION



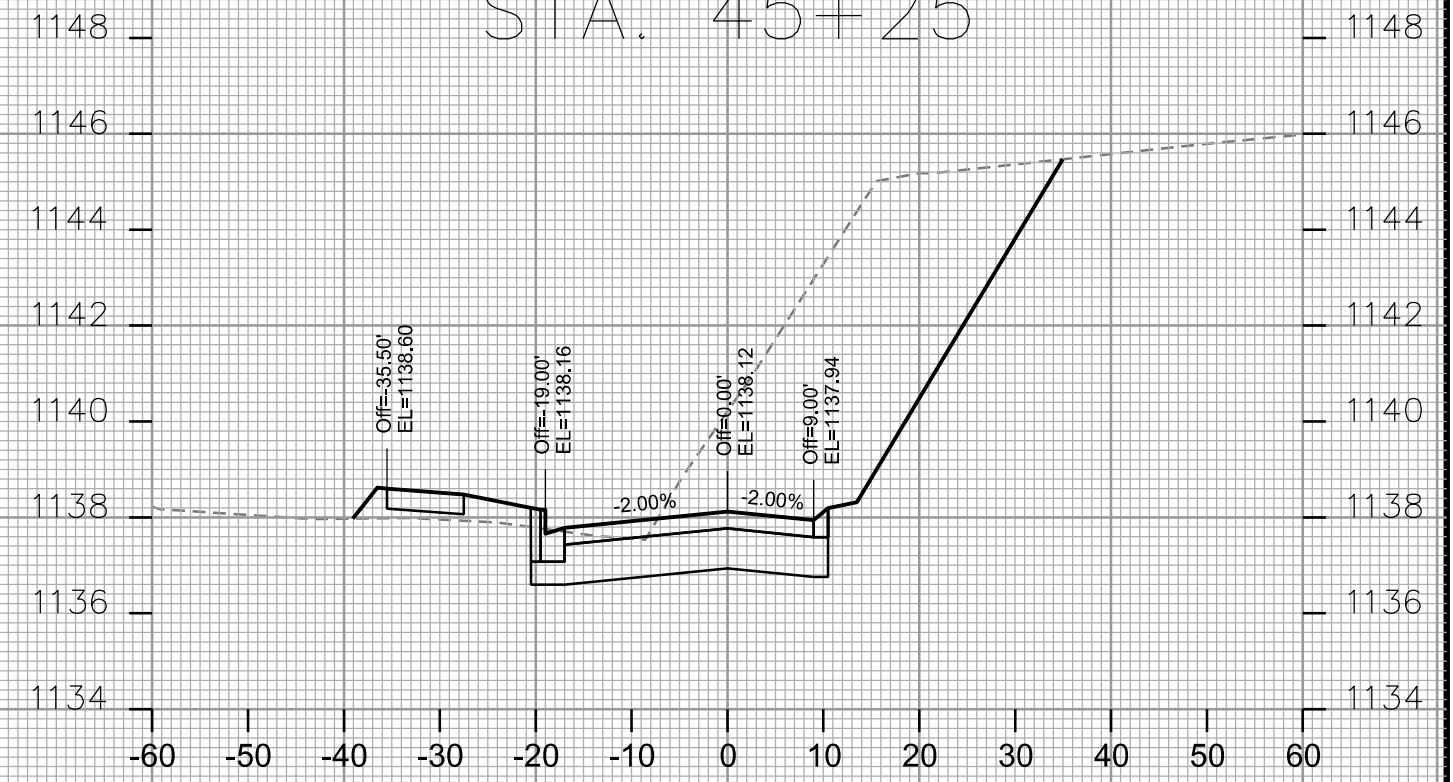
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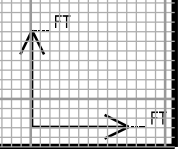
STA. 45+25



STA. 44+50



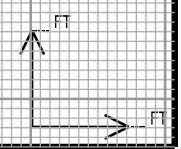
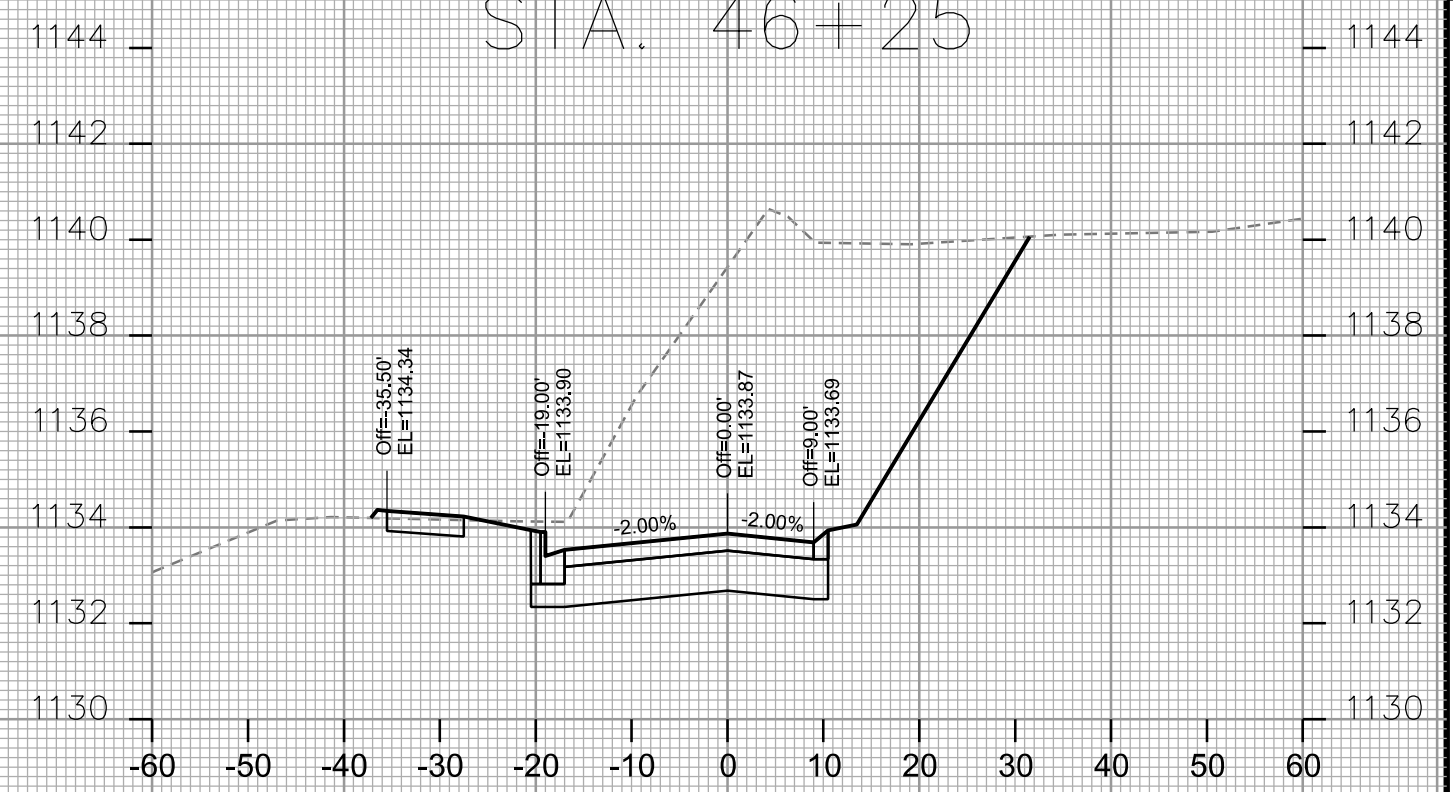
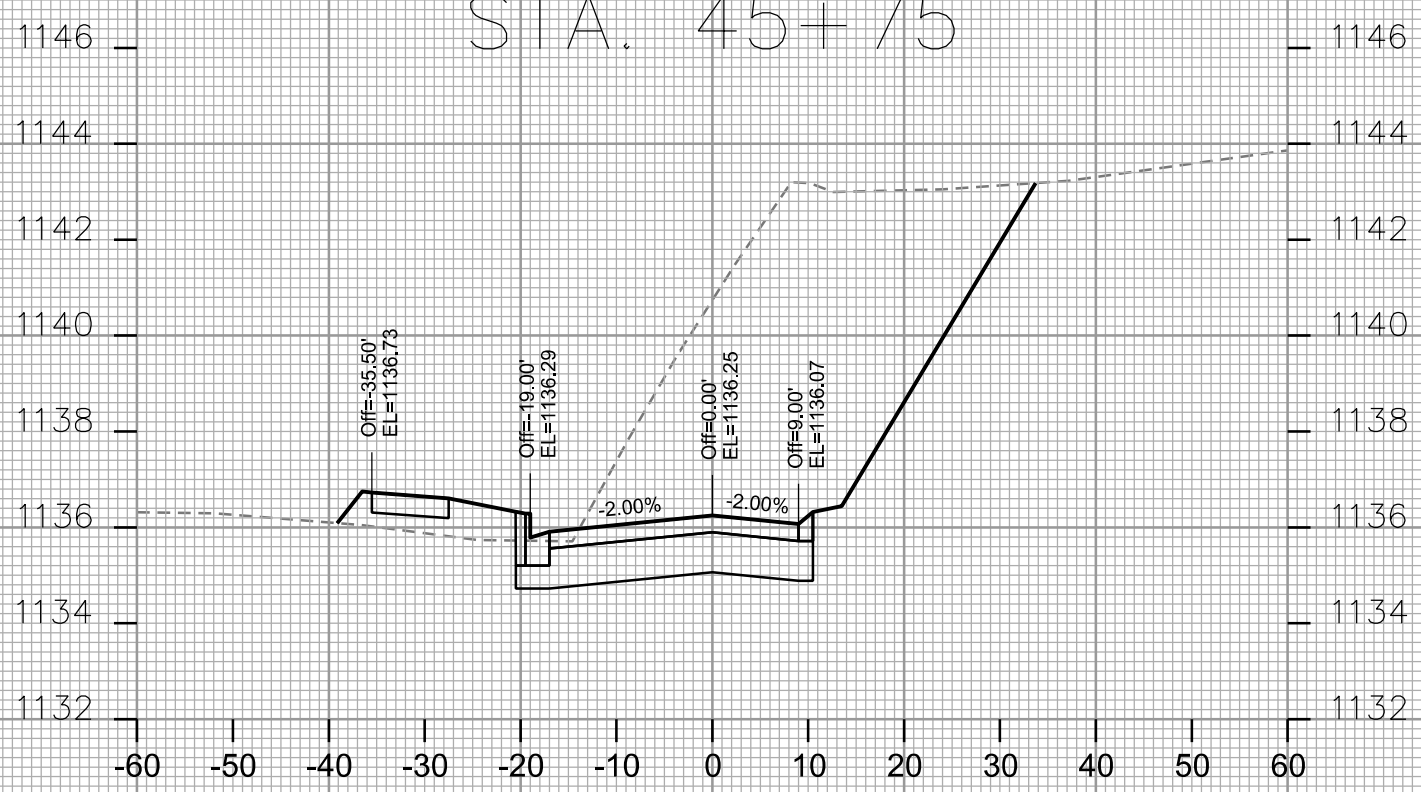
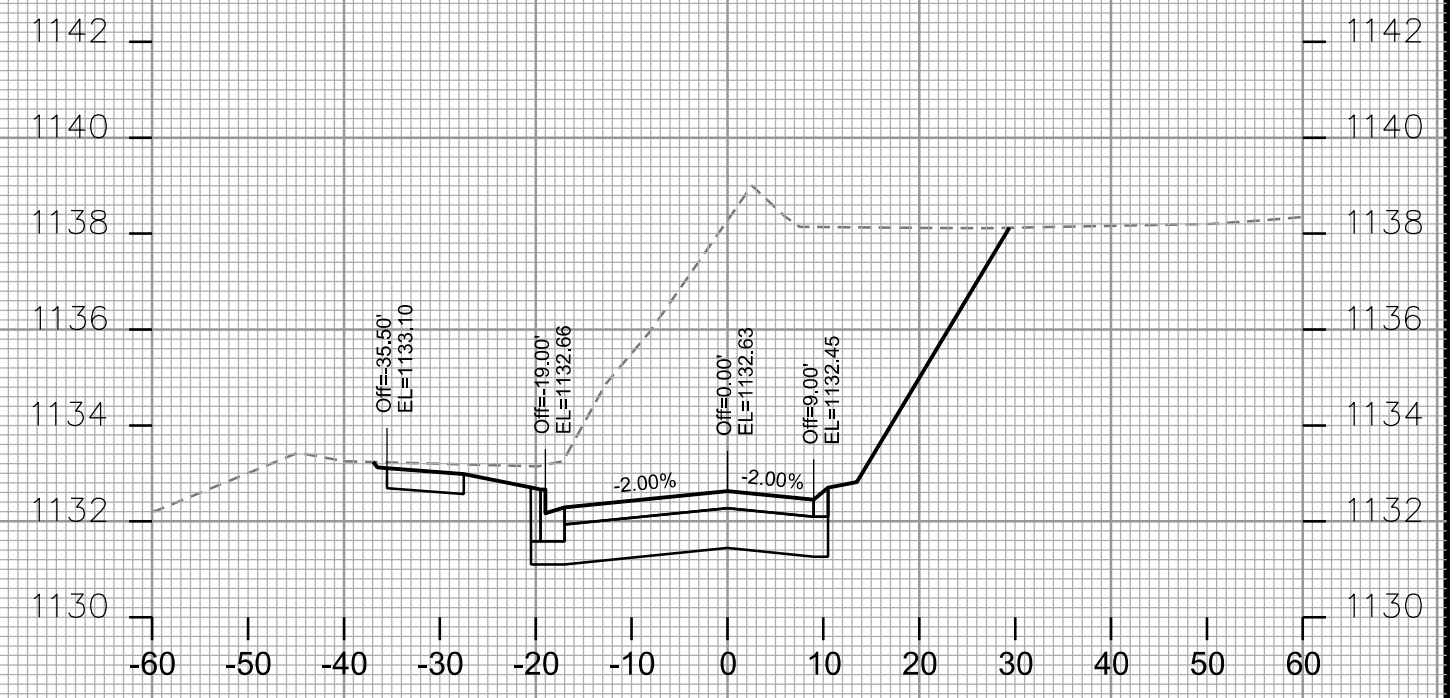
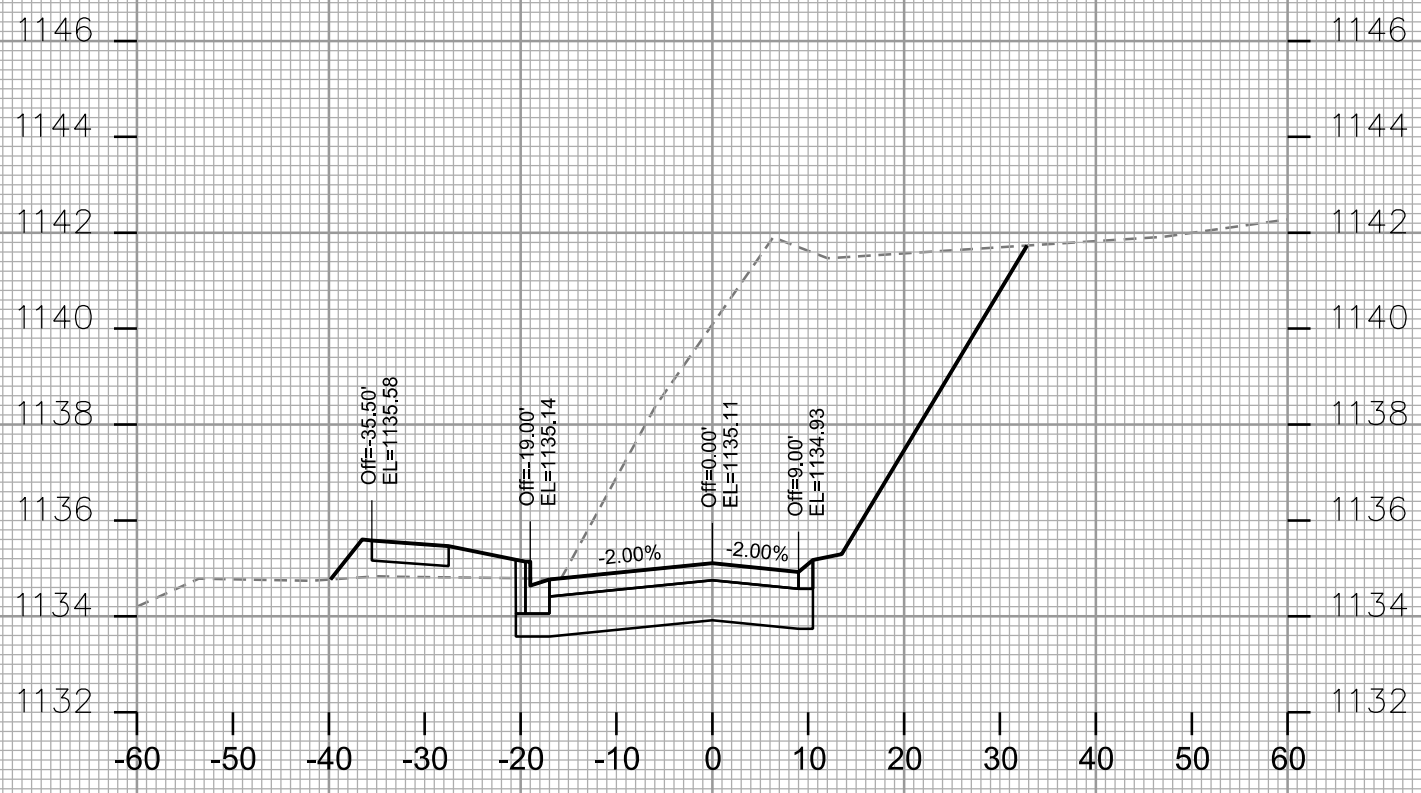
STA. 45+00



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 PLOT NAME: _____

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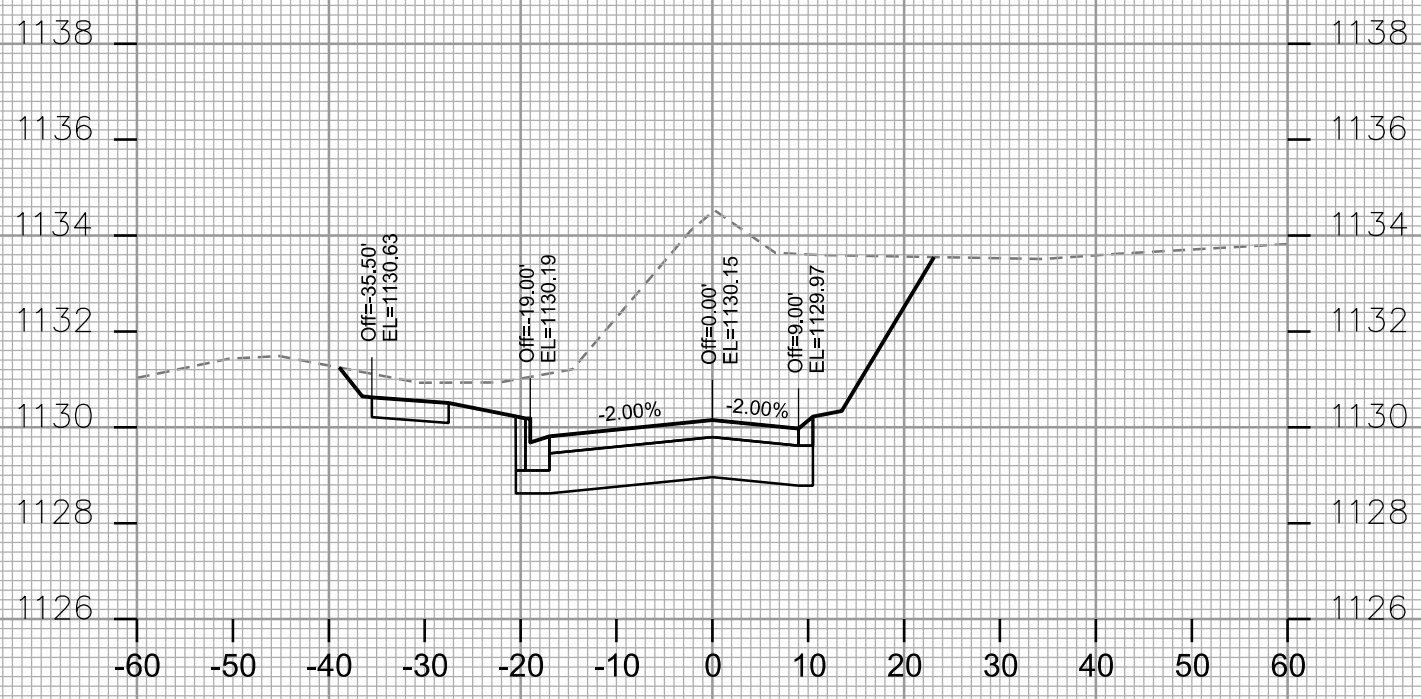
ORIGINATOR: CITY OF MADISON - STREETS DIVISION



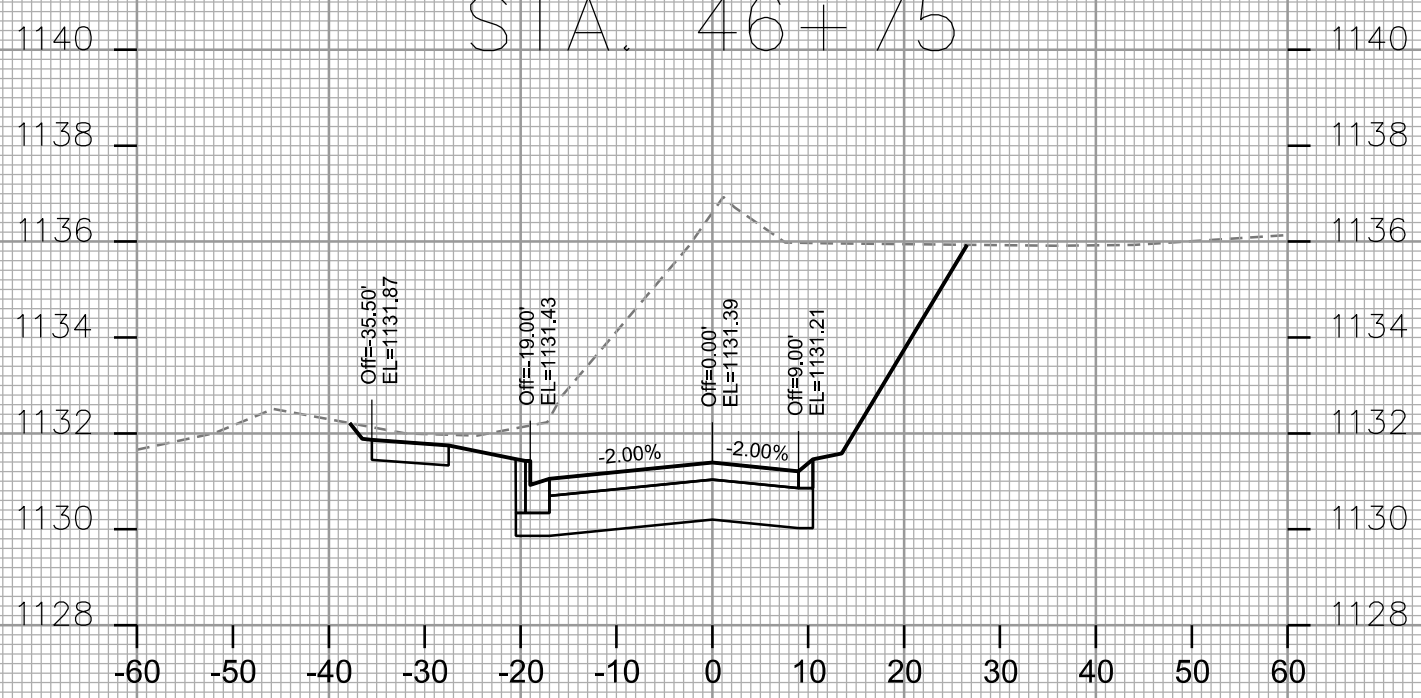
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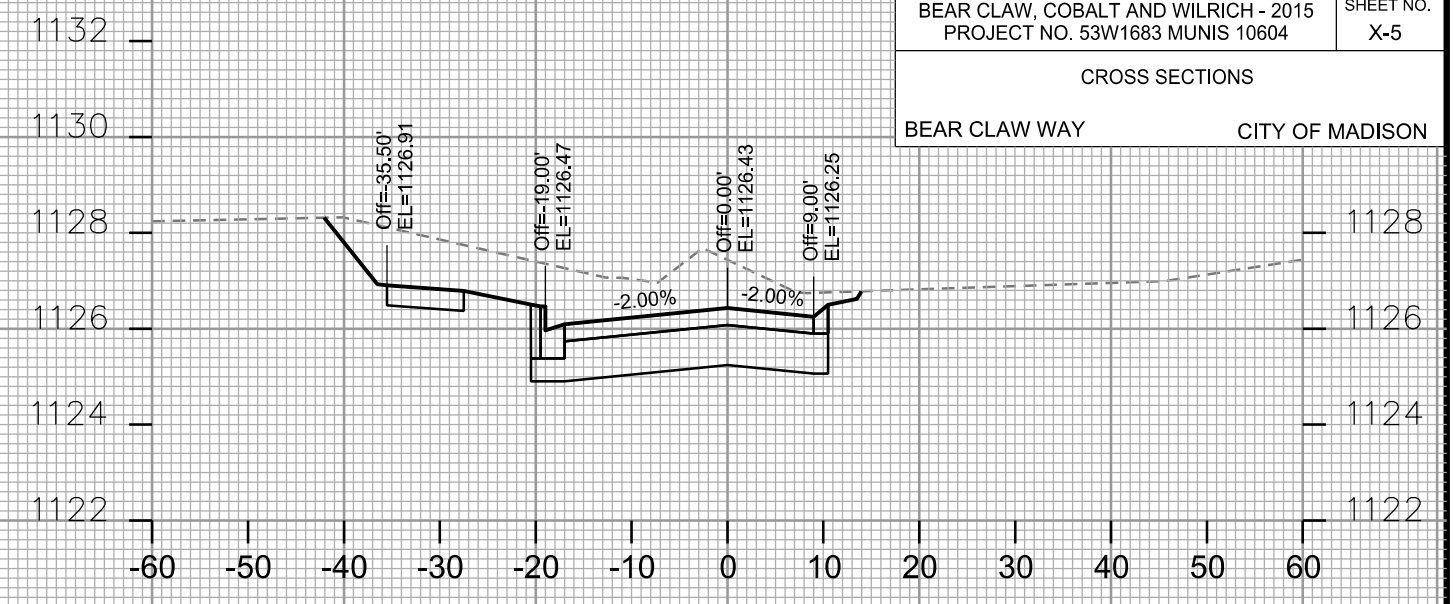
ORIGINATOR: CITY OF MADISON - STREETS DIVISION



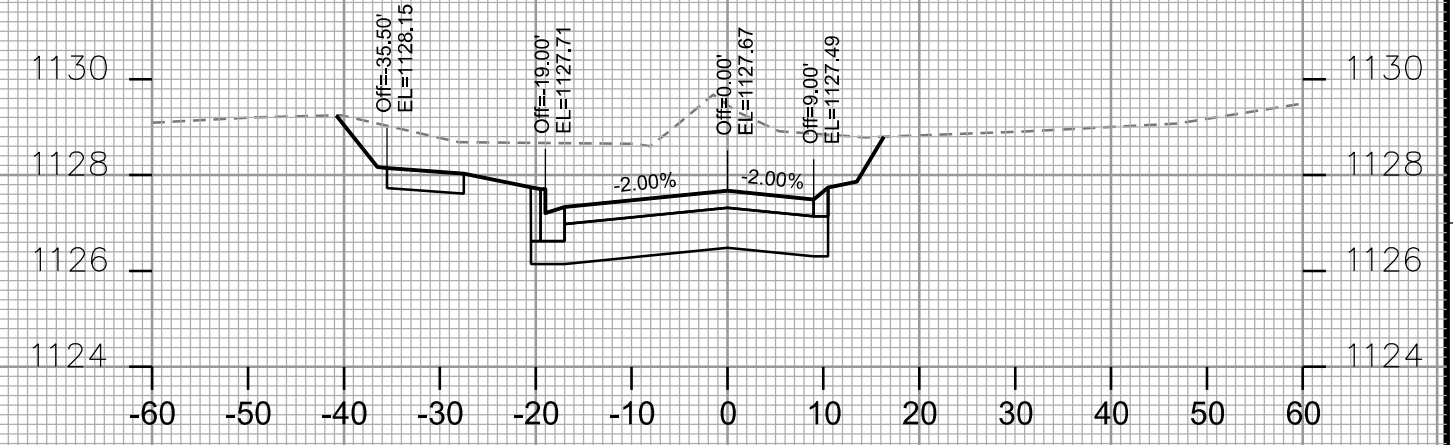
STA. 46+75



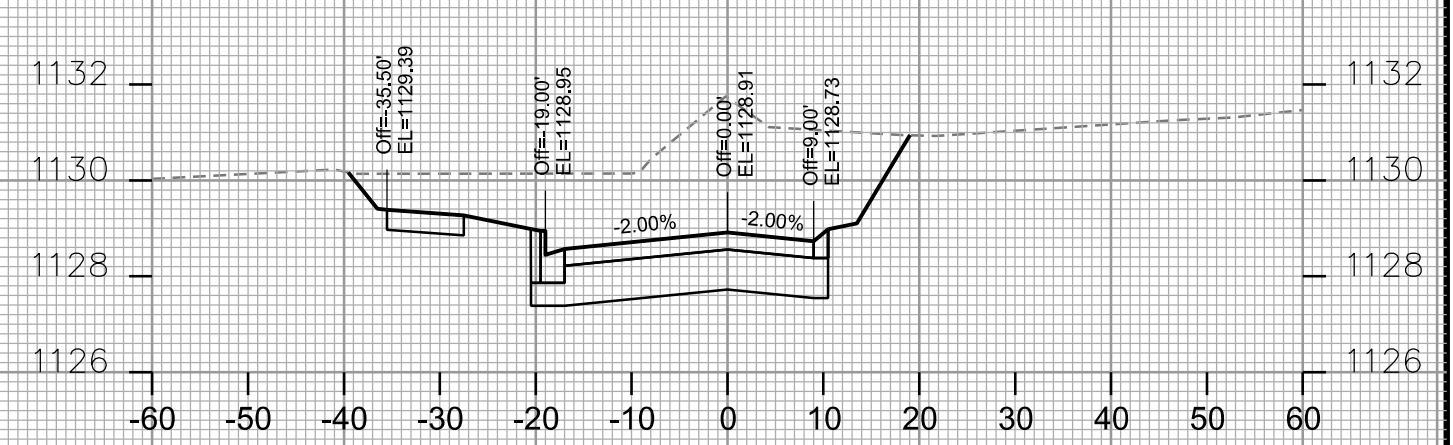
STA. 46+50



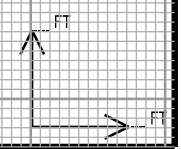
STA. 47+50



STA. 47+25



STA. 47+00

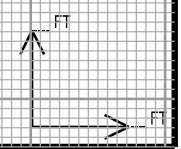
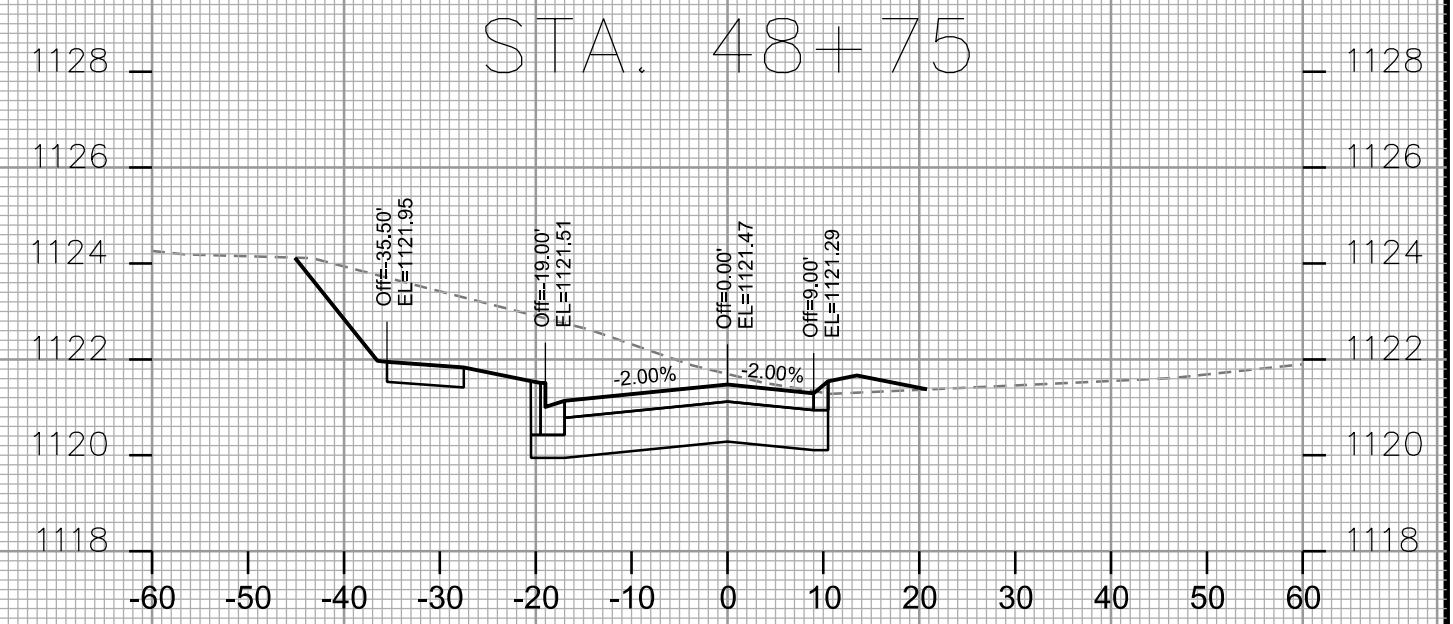
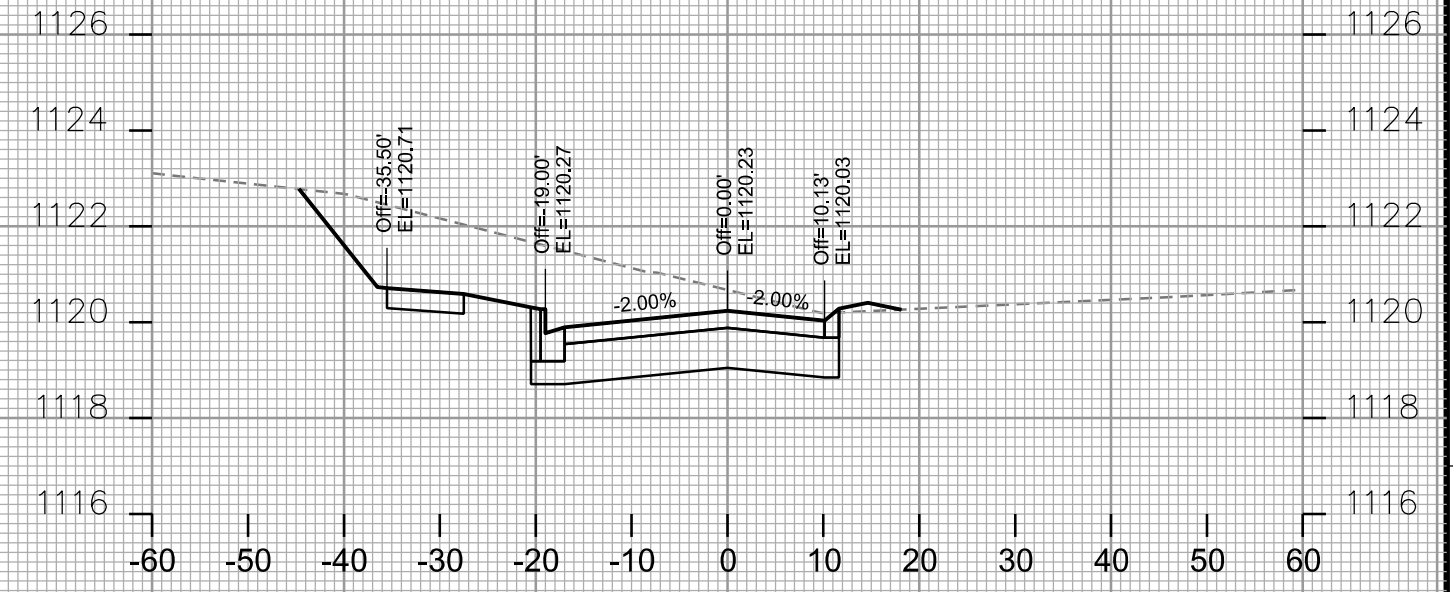
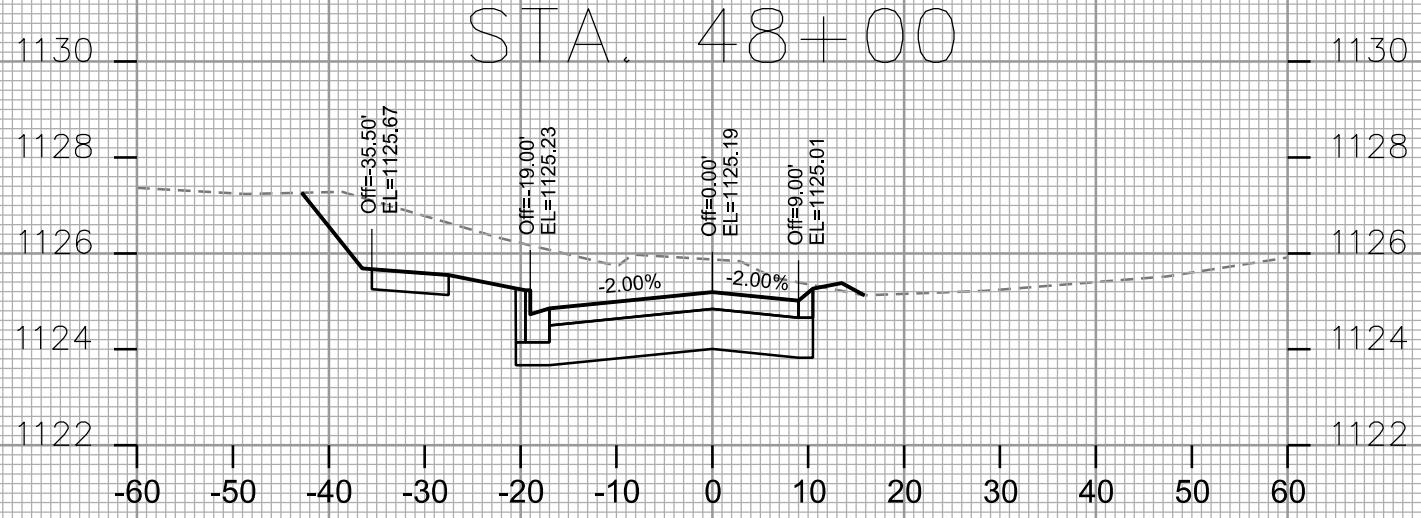
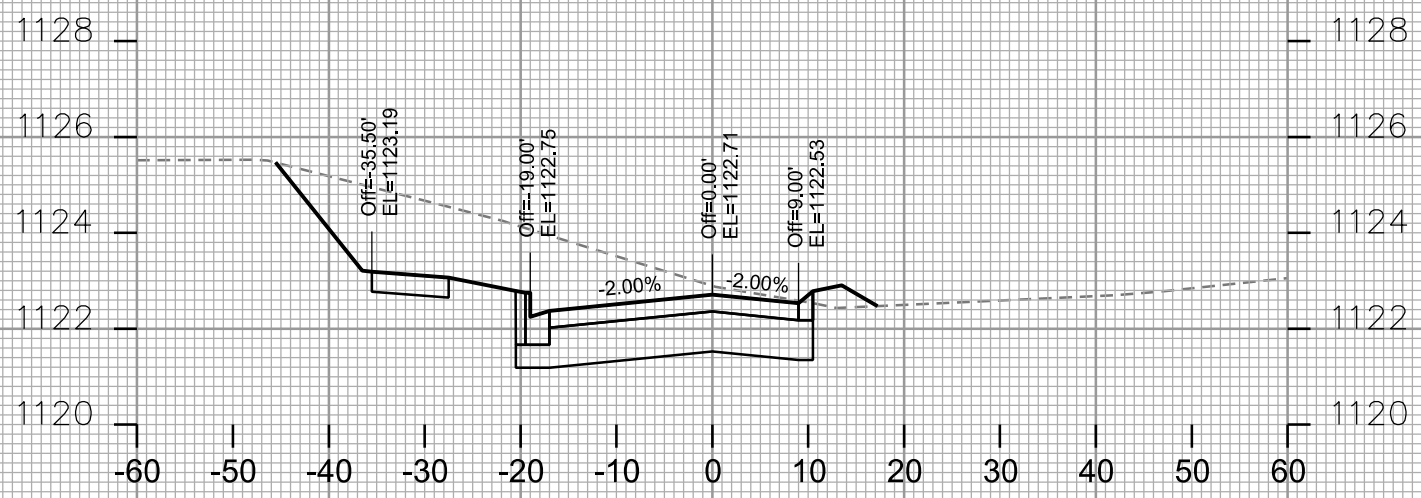


PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON - STREETS DIVISION

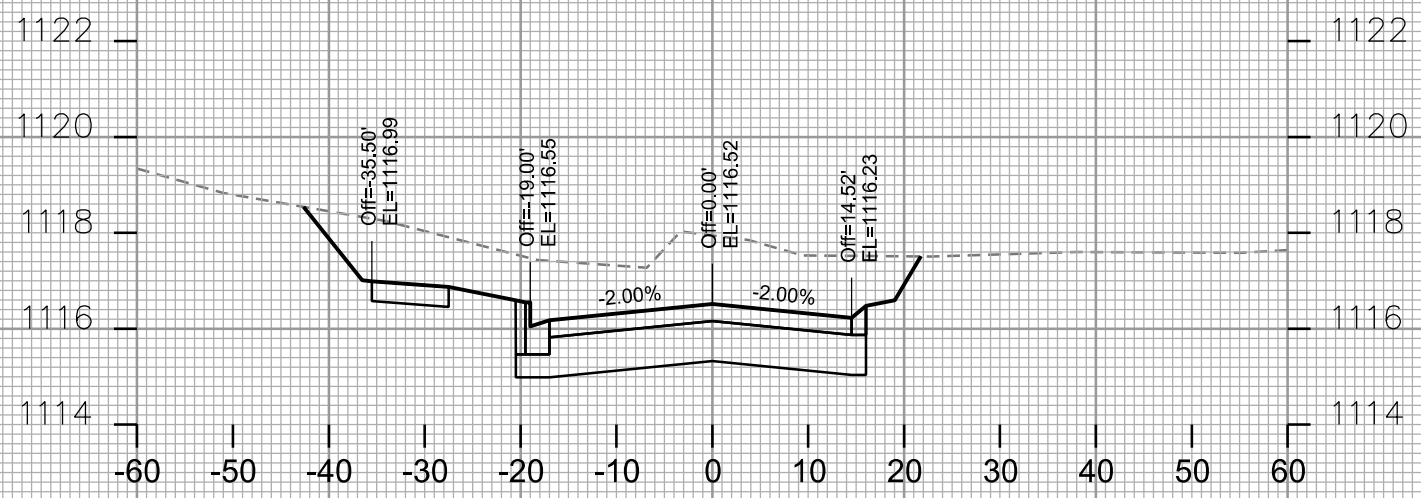


PLOT SCALE: _____

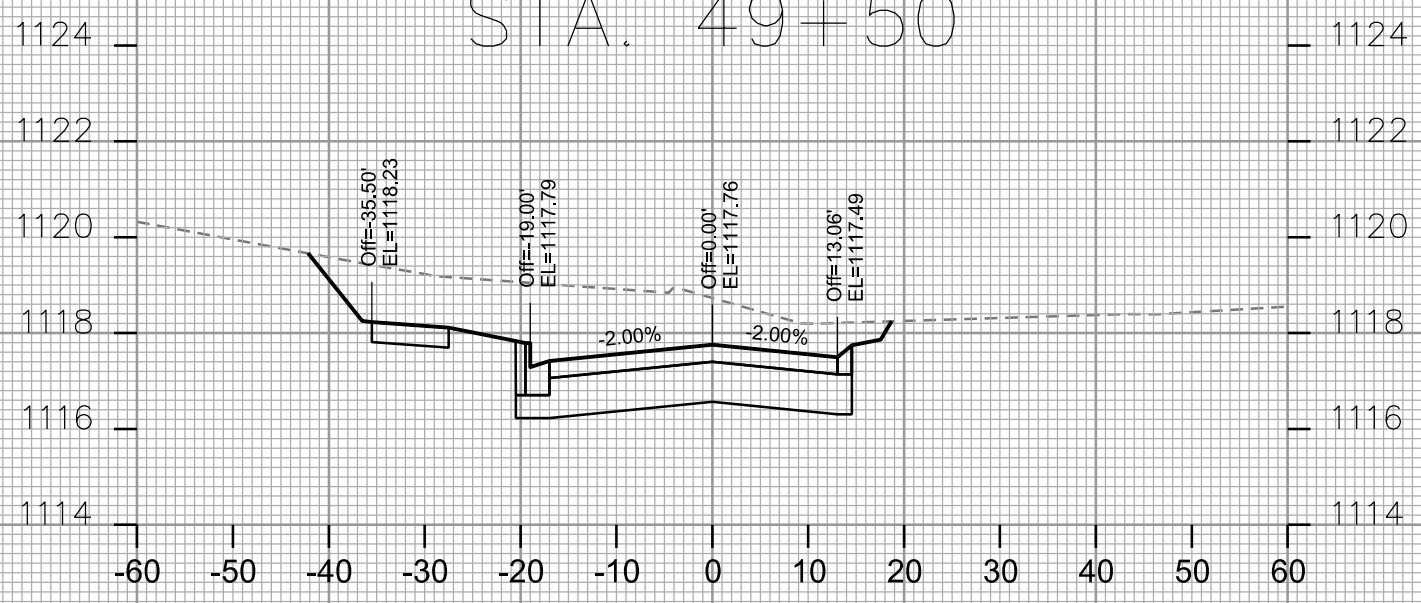
PLOT NAME: _____

REV. DATE: _____

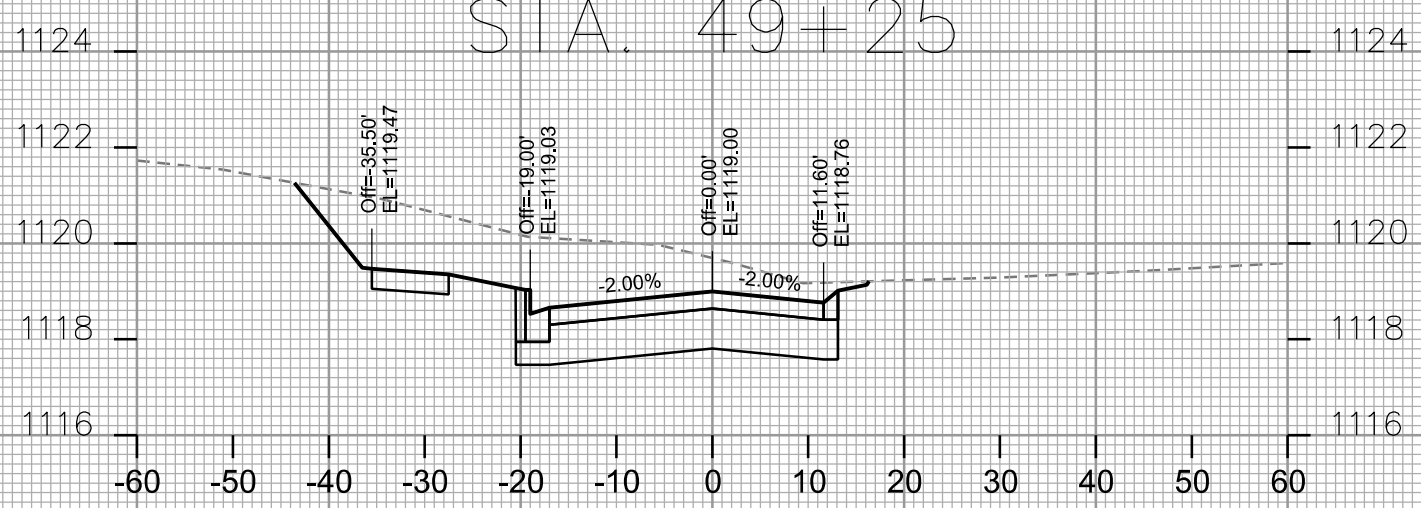
ORIGINATOR: CITY OF MADISON - STREETS DIVISION



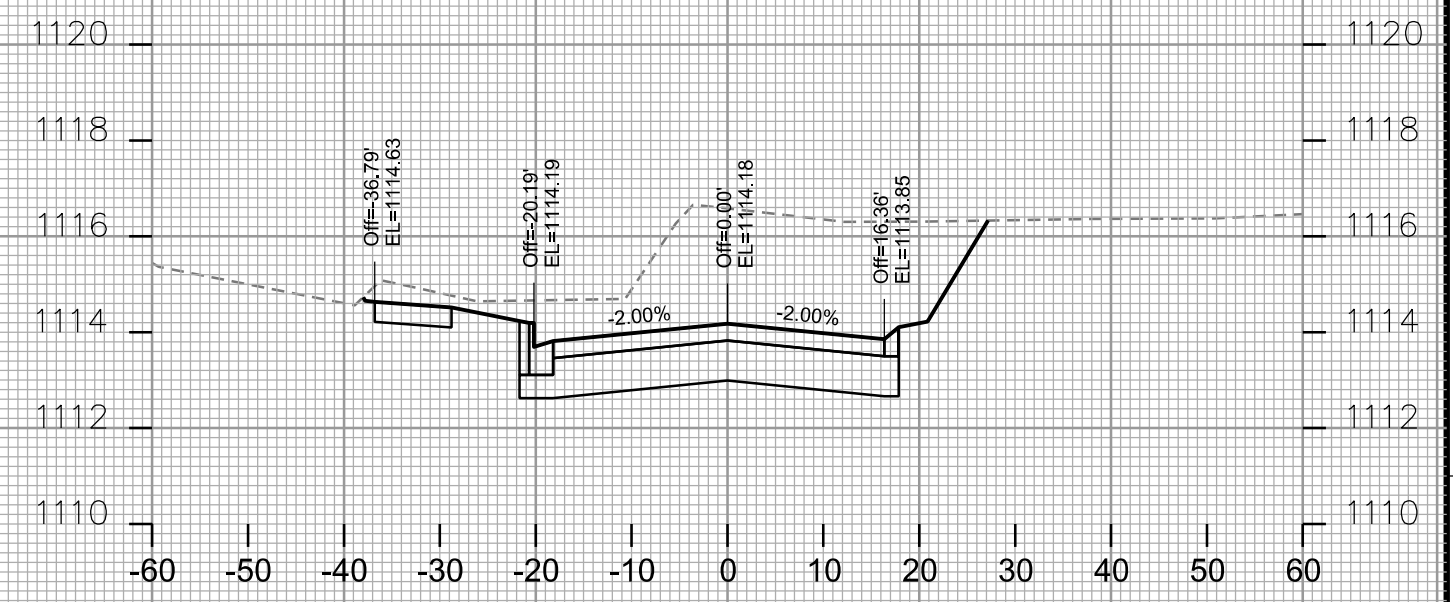
STA. 49+50



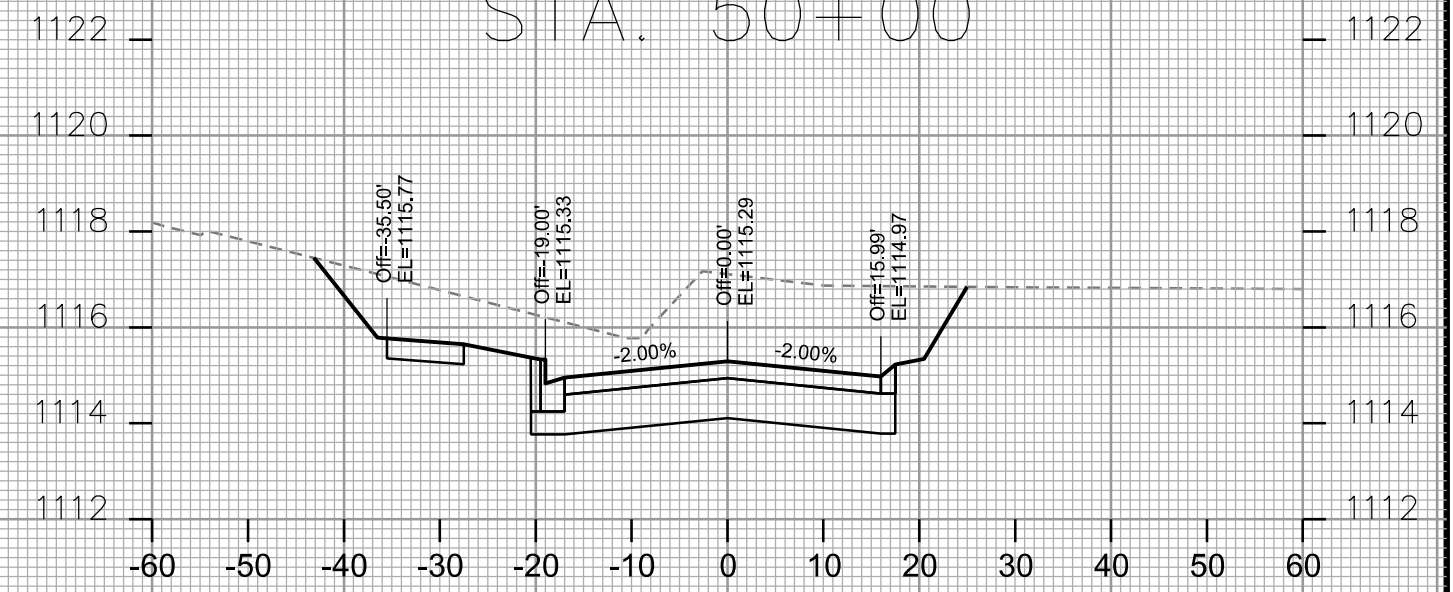
STA. 49+25



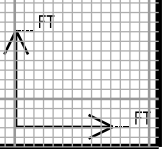
STA. 49+00



STA. 50+00



STA. 49+75

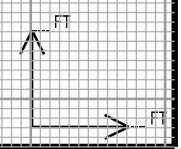
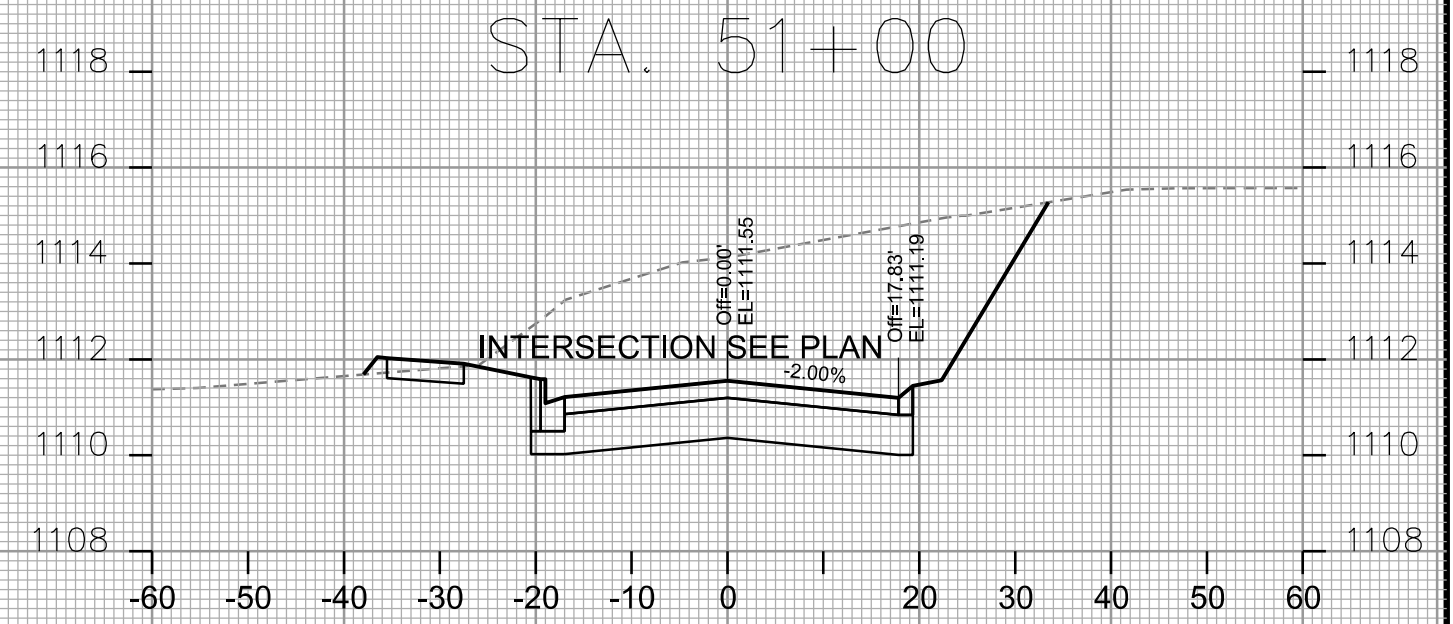
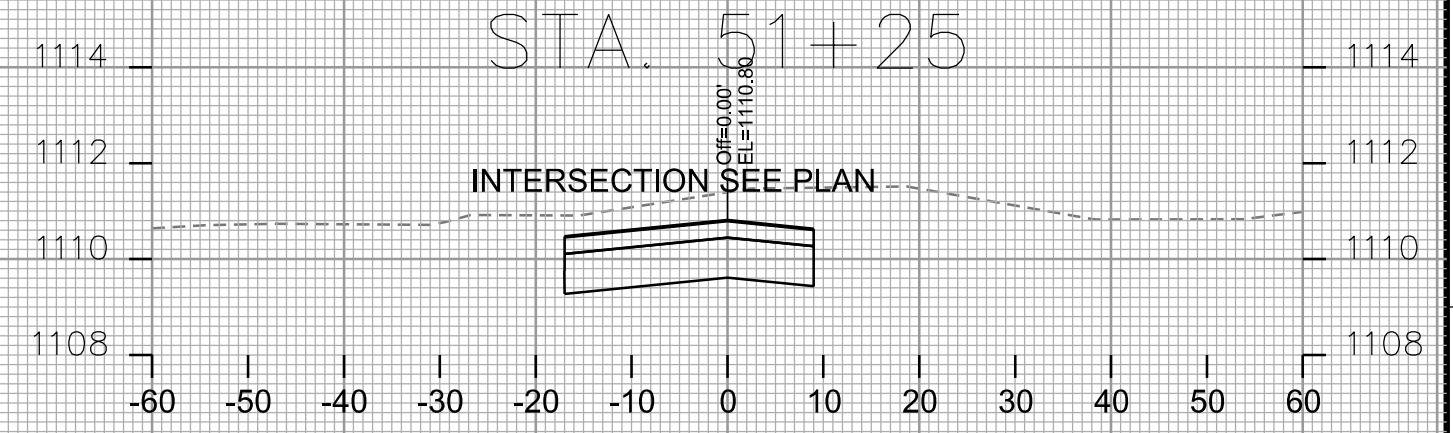
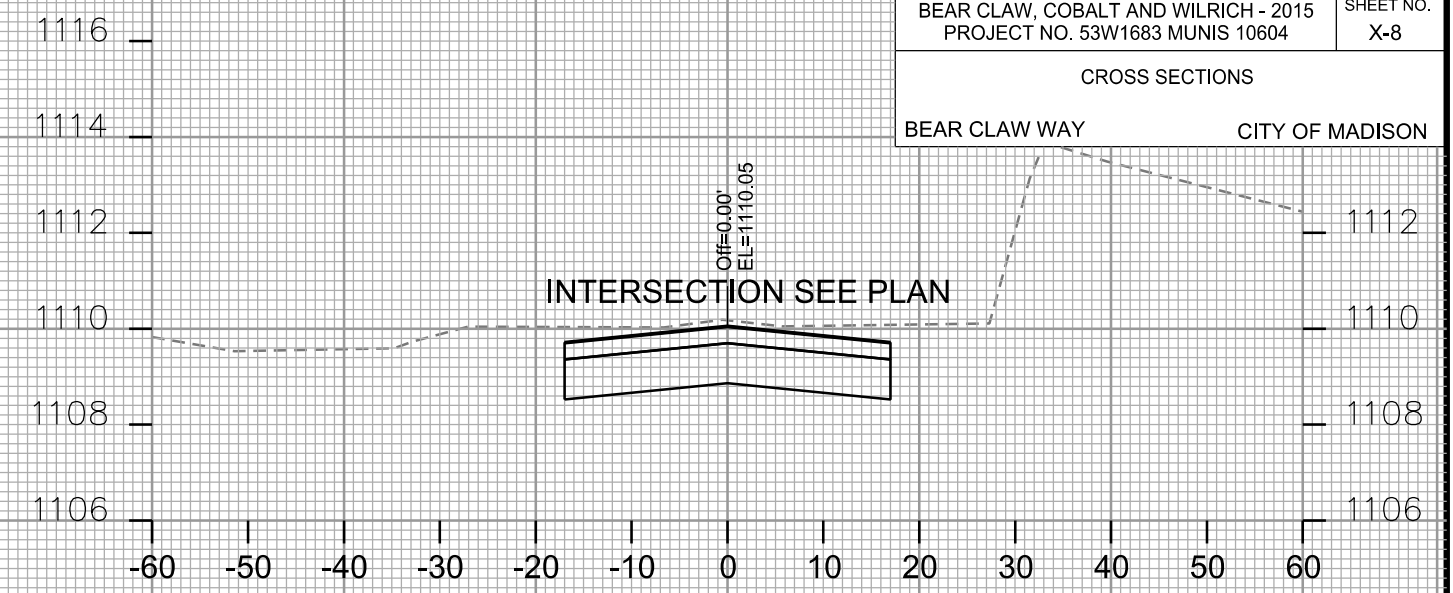
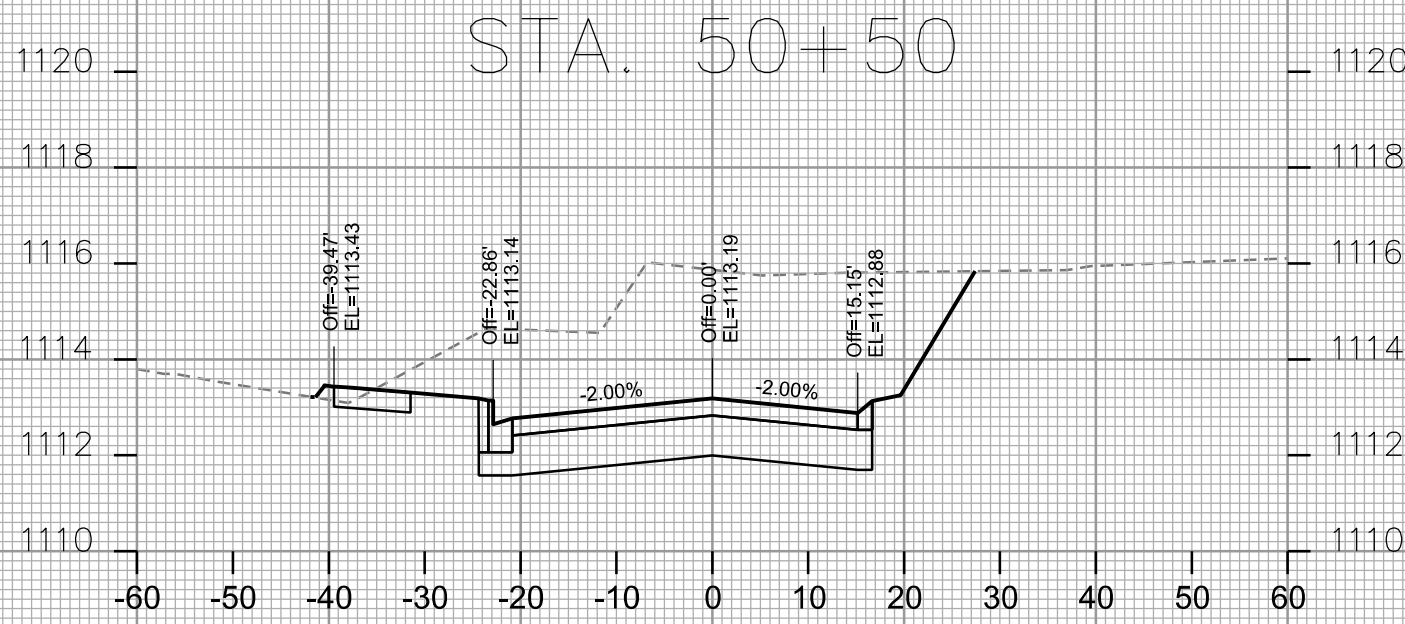
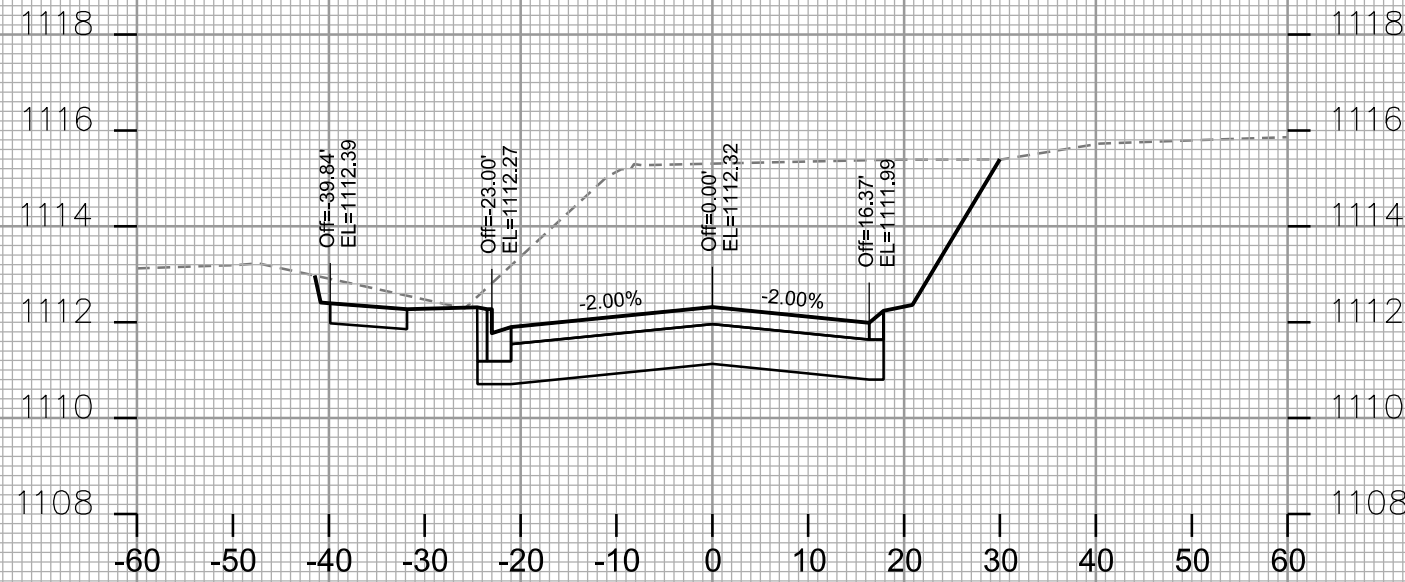


PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON - STREETS DIVISION



PLOT SCALE: _____

PLOT NAME: _____

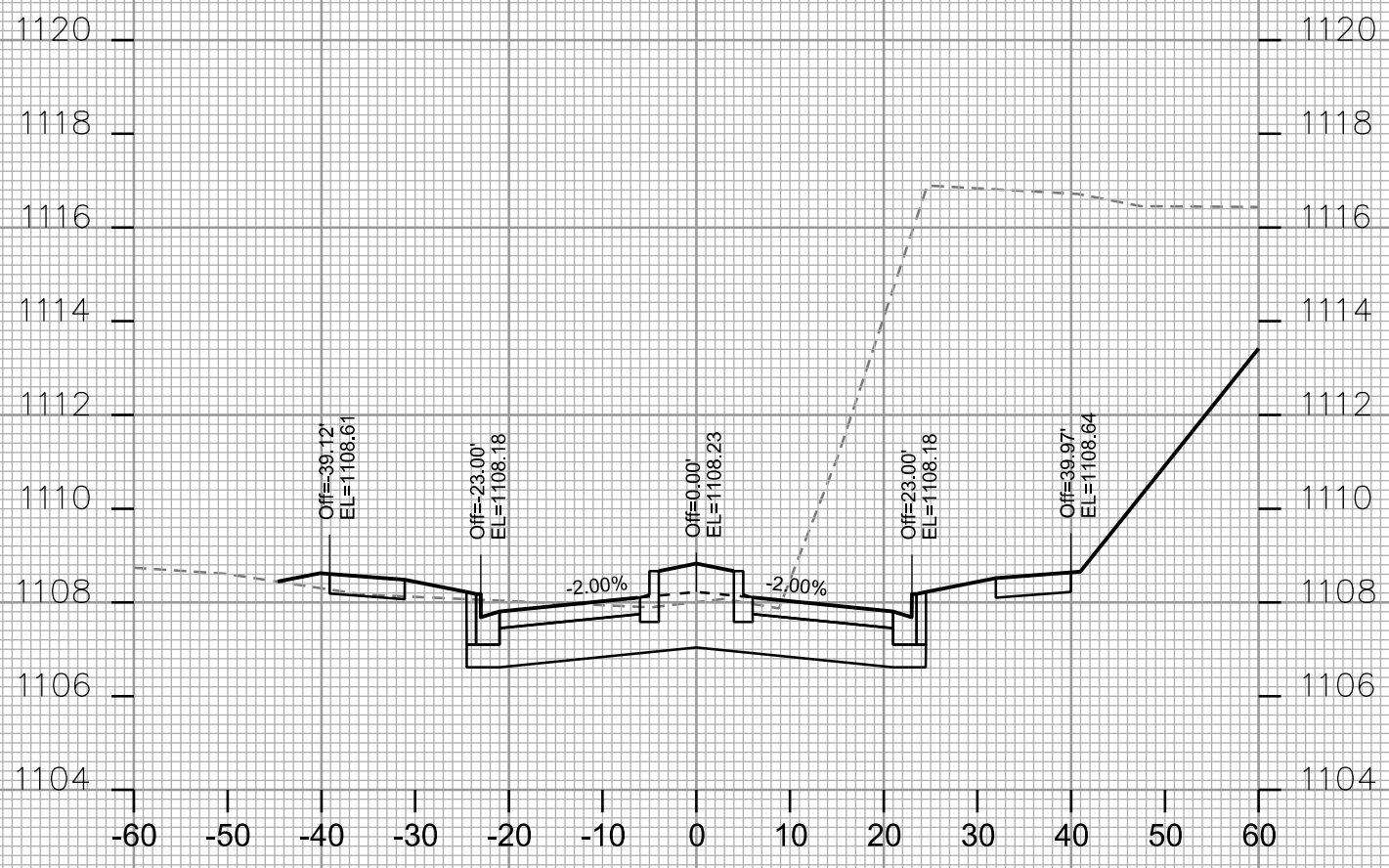
REV. DATE: _____

ORIGINATOR: CITY OF MADISON - STREETS DIVISION

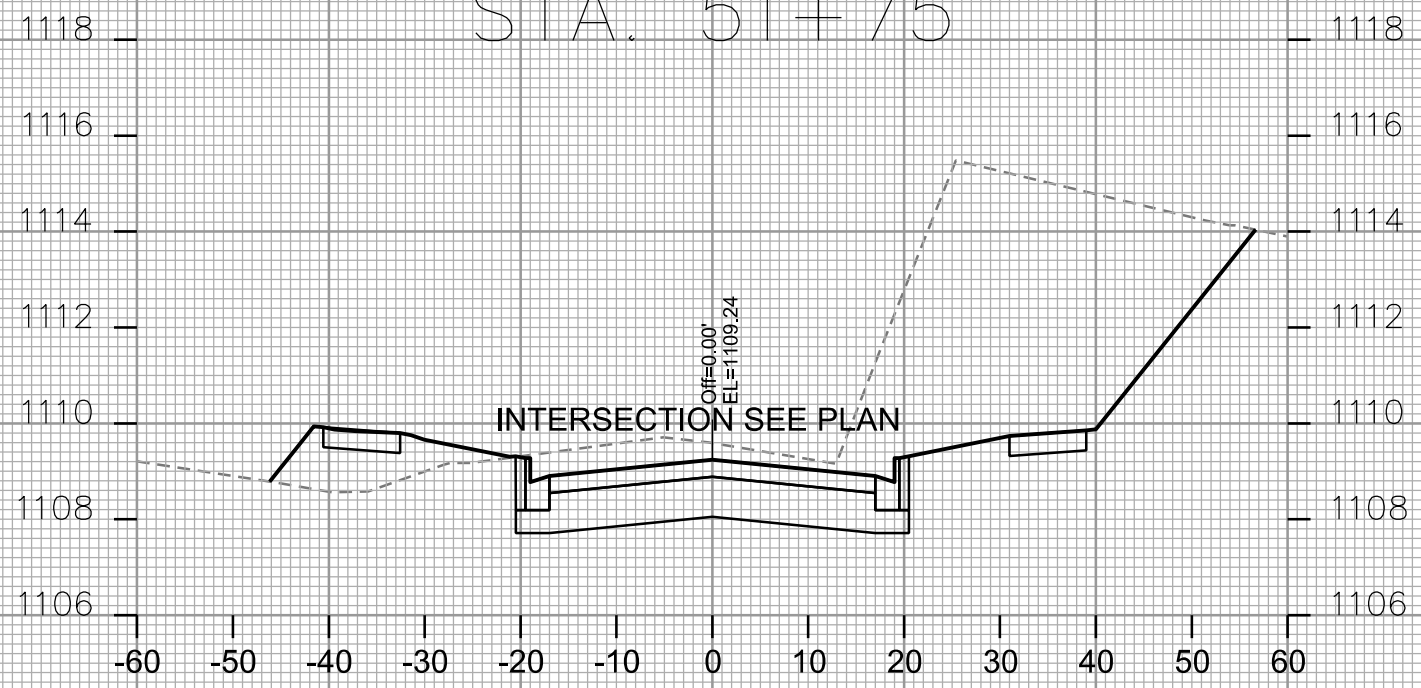
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PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



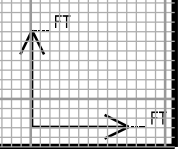
STA. 51+75



STA. 51+50



STA. 52+00

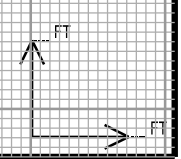
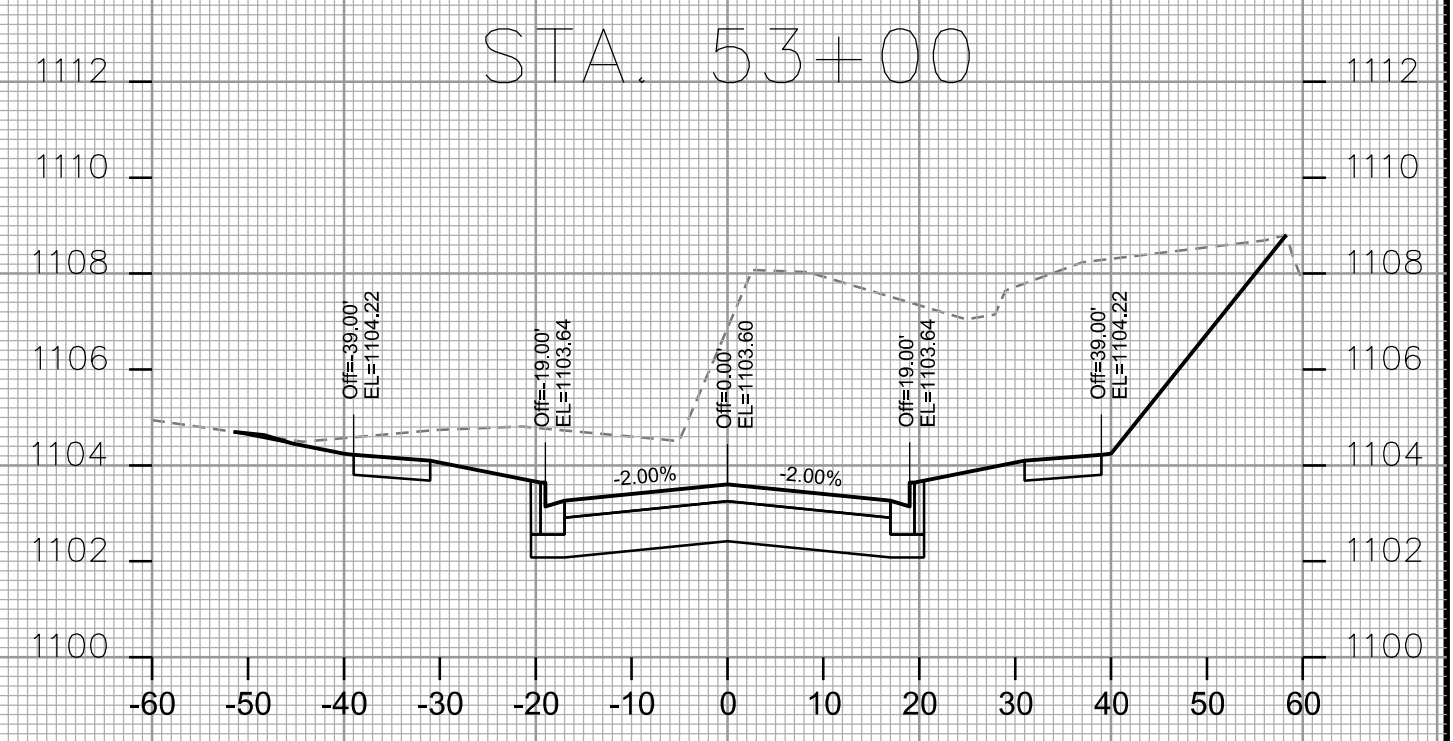
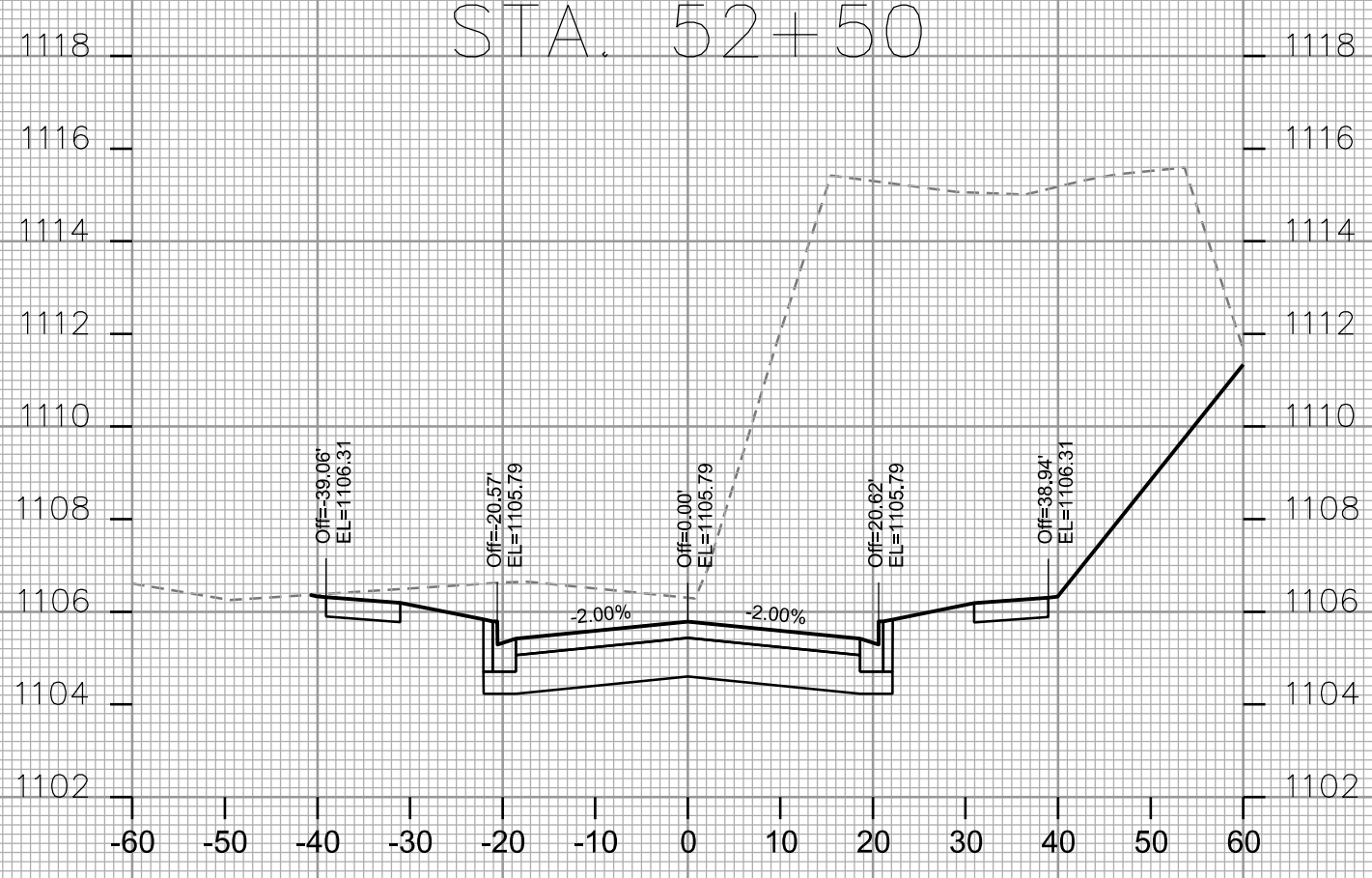
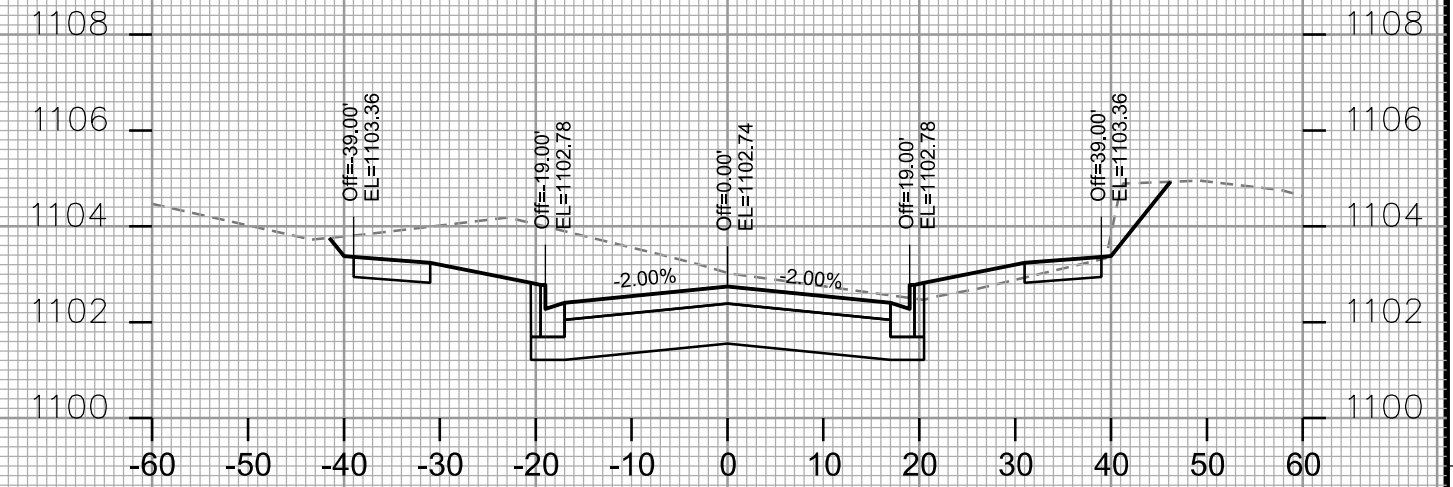


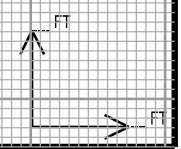
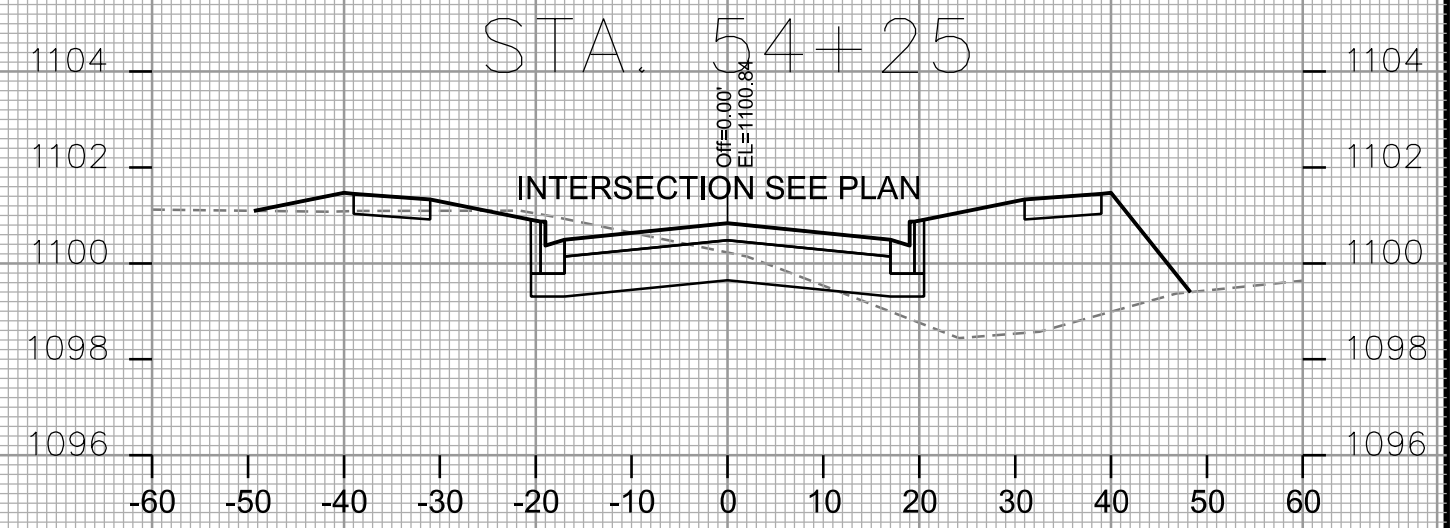
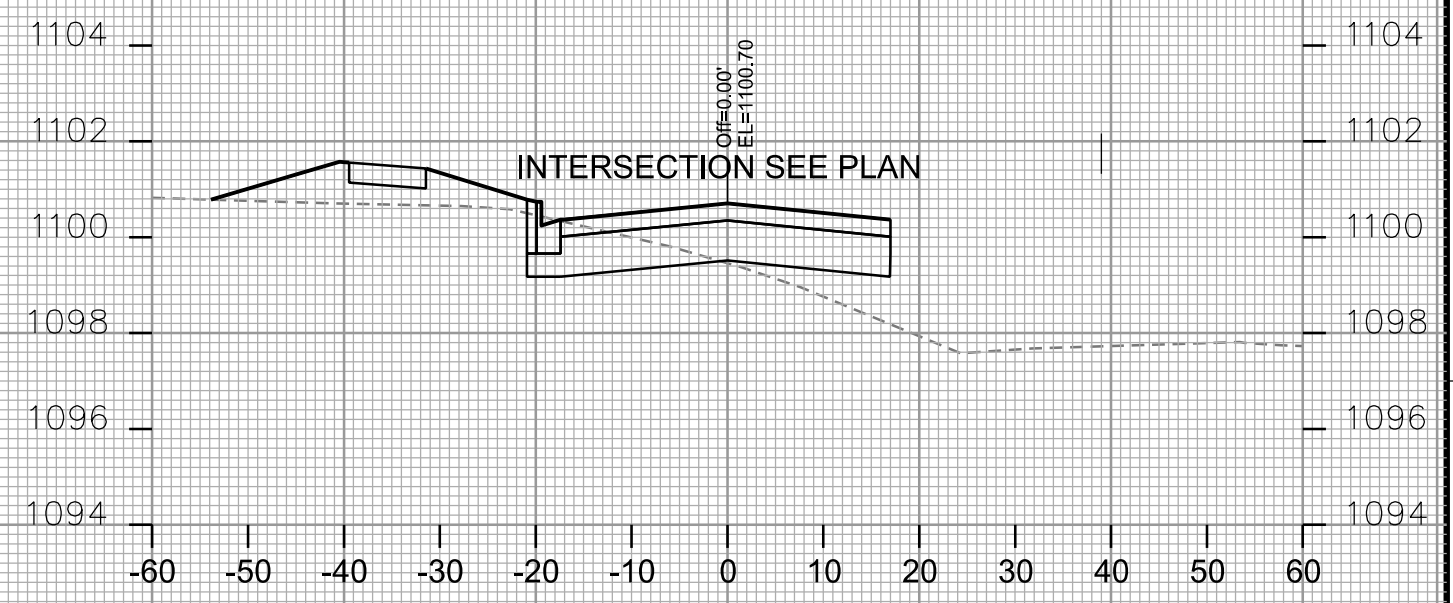
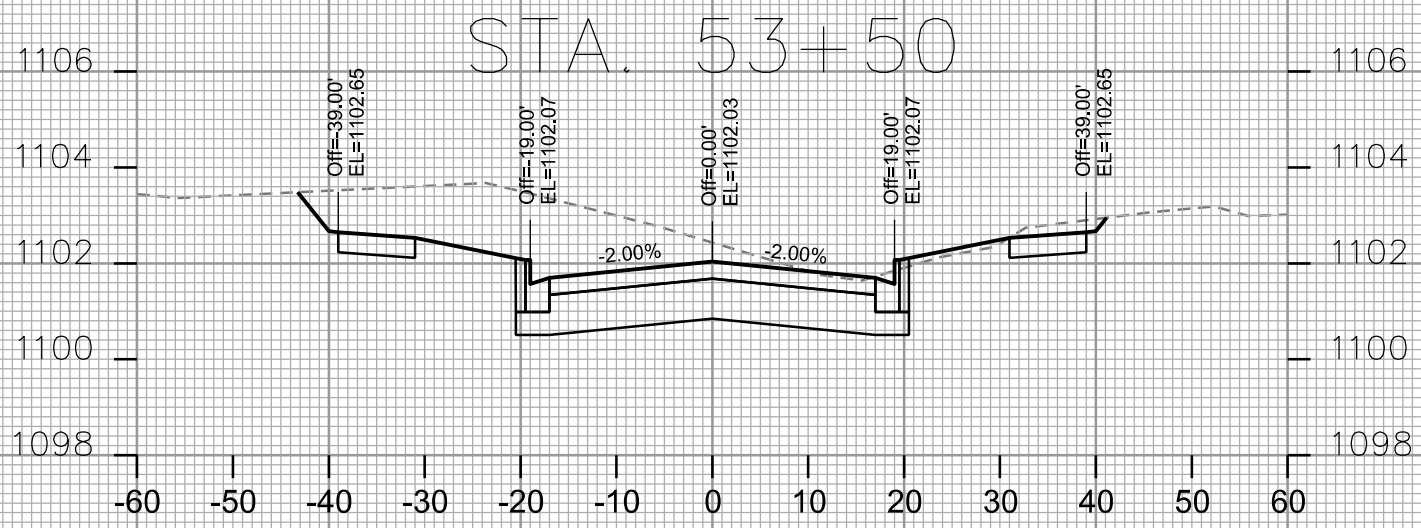
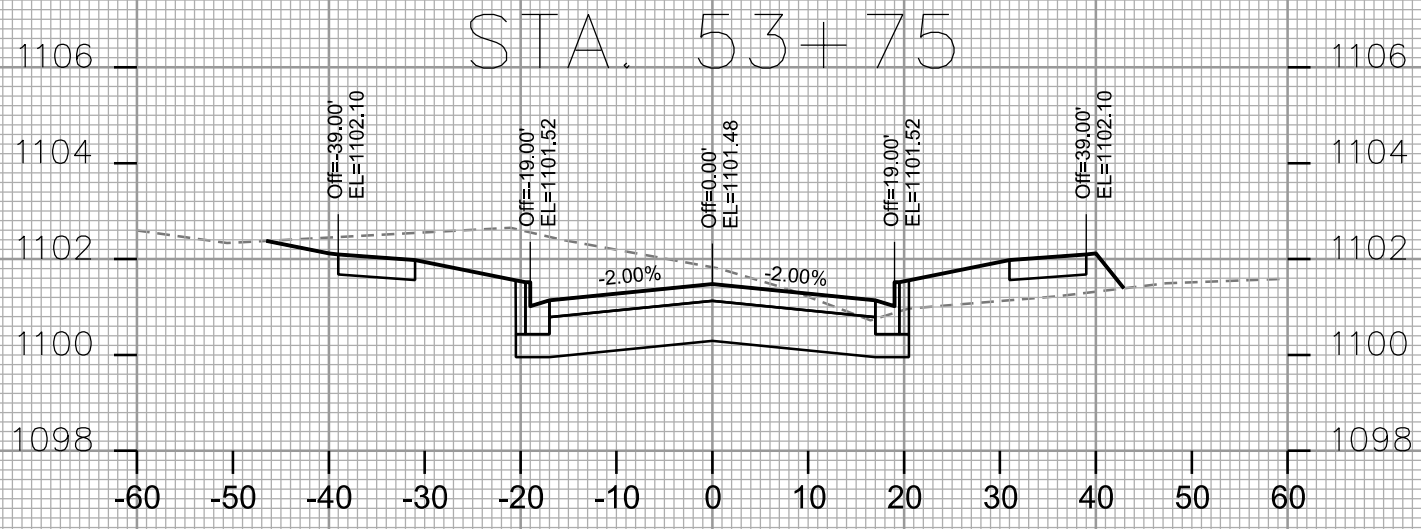
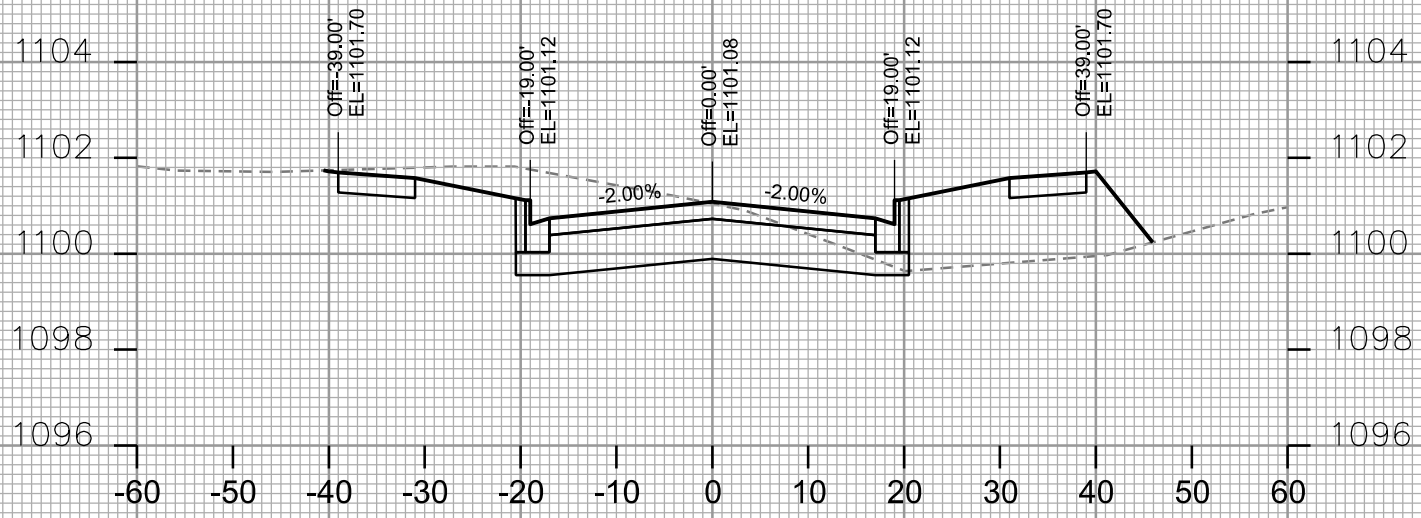
PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON - STREETS DIVISION





PLOT SCALE: _____

PLOT NAME: _____

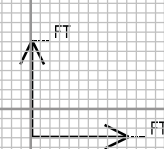
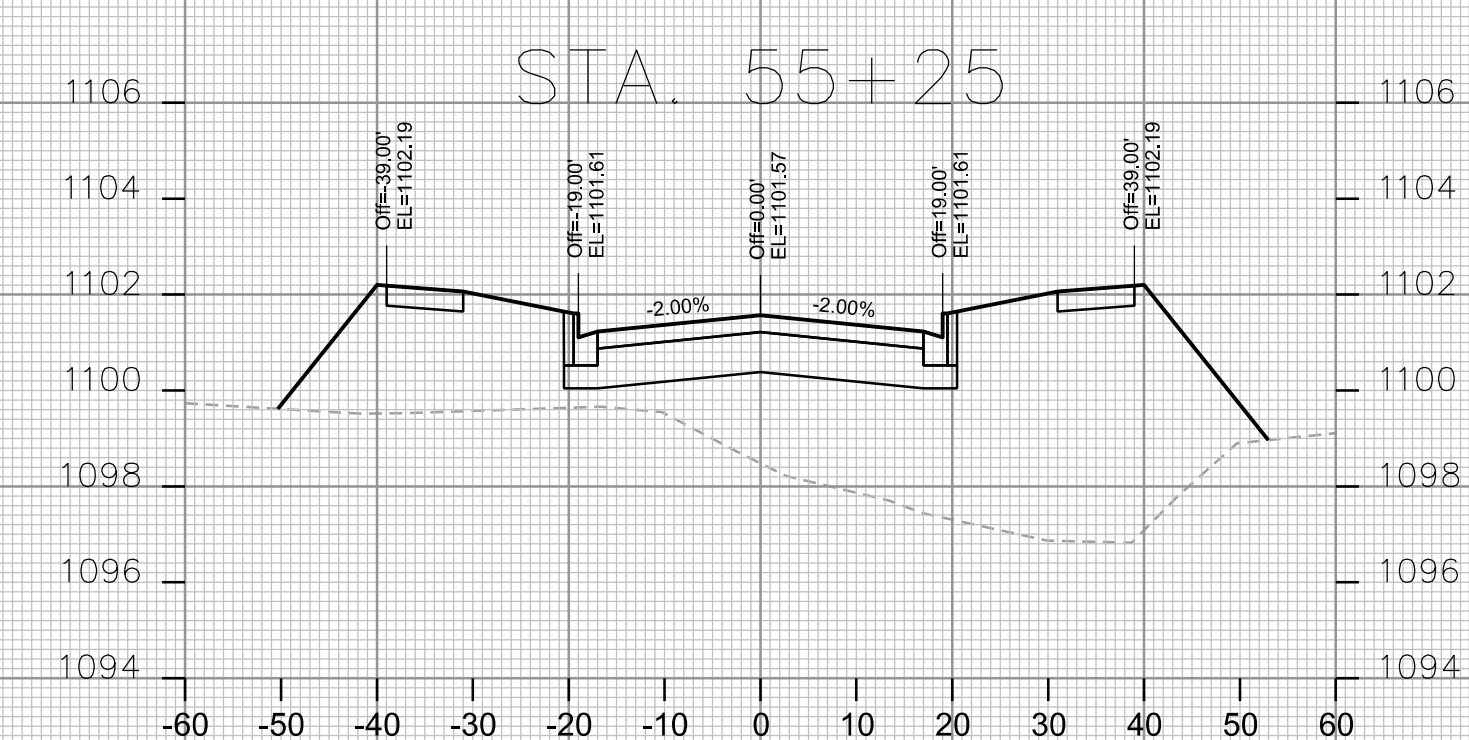
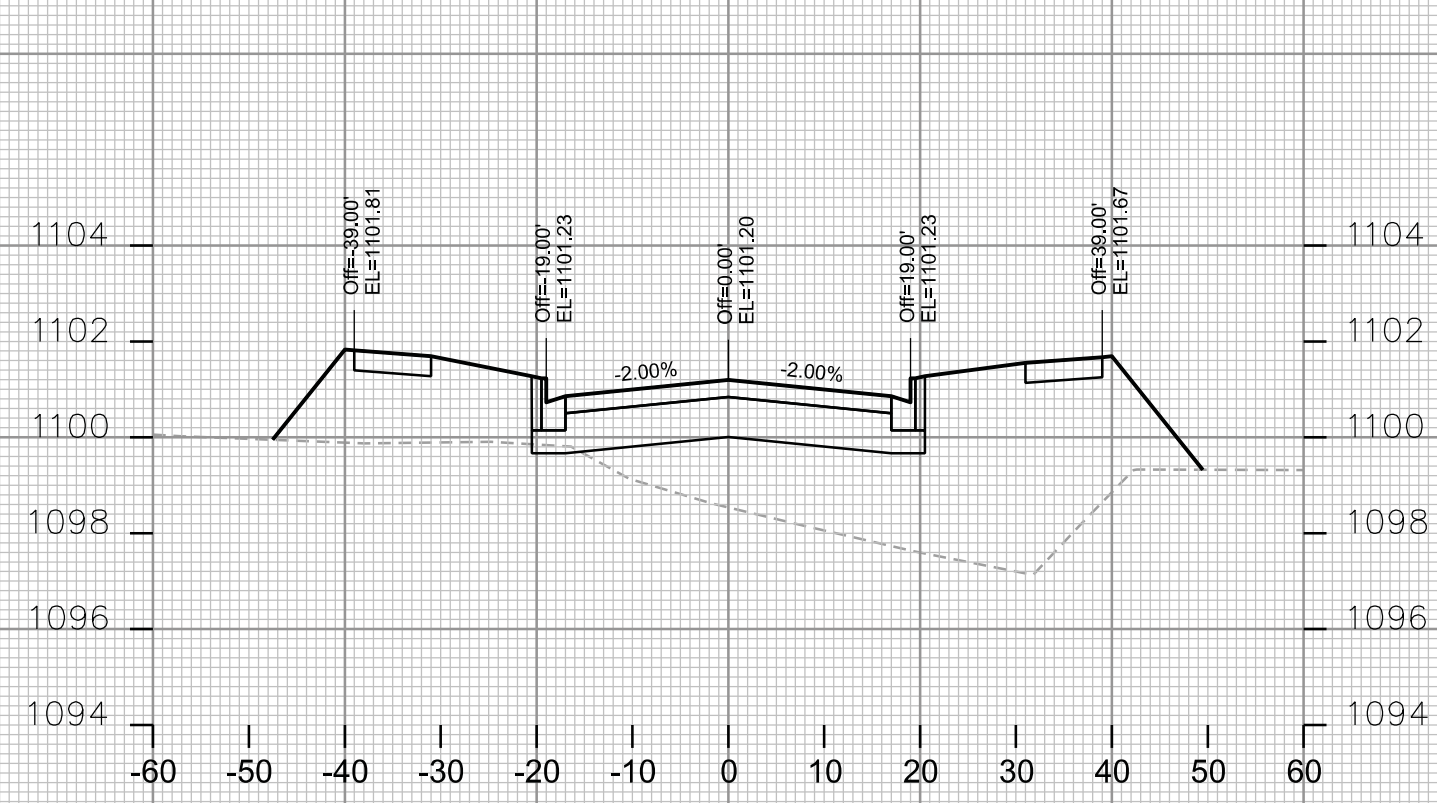
REV. DATE: _____

ORIGINATOR: CITY OF MADISON - STREETS DIVISION

CROSS SECTIONS

BEAR CLAW WAY CITY OF MADISON

REVISED 7/7/15 LRC
REVISED 10/12/15 LRC



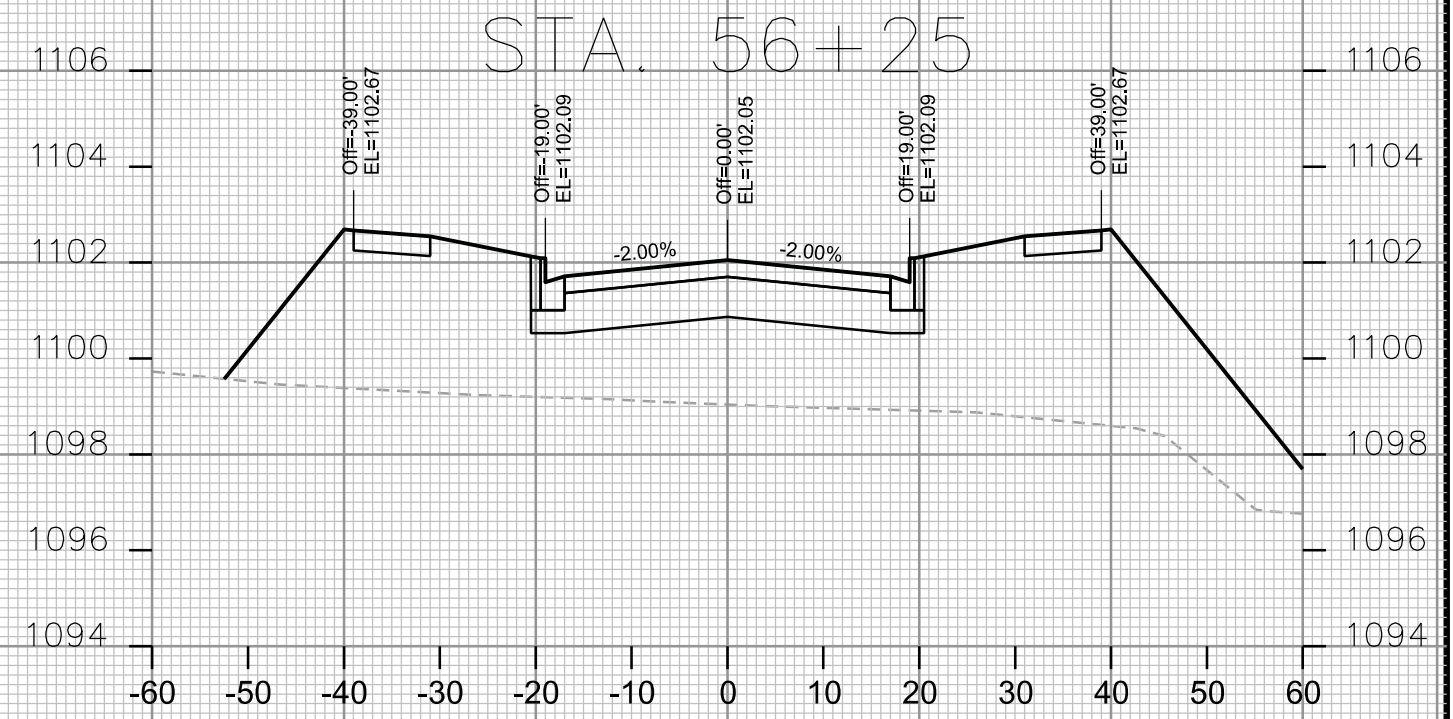
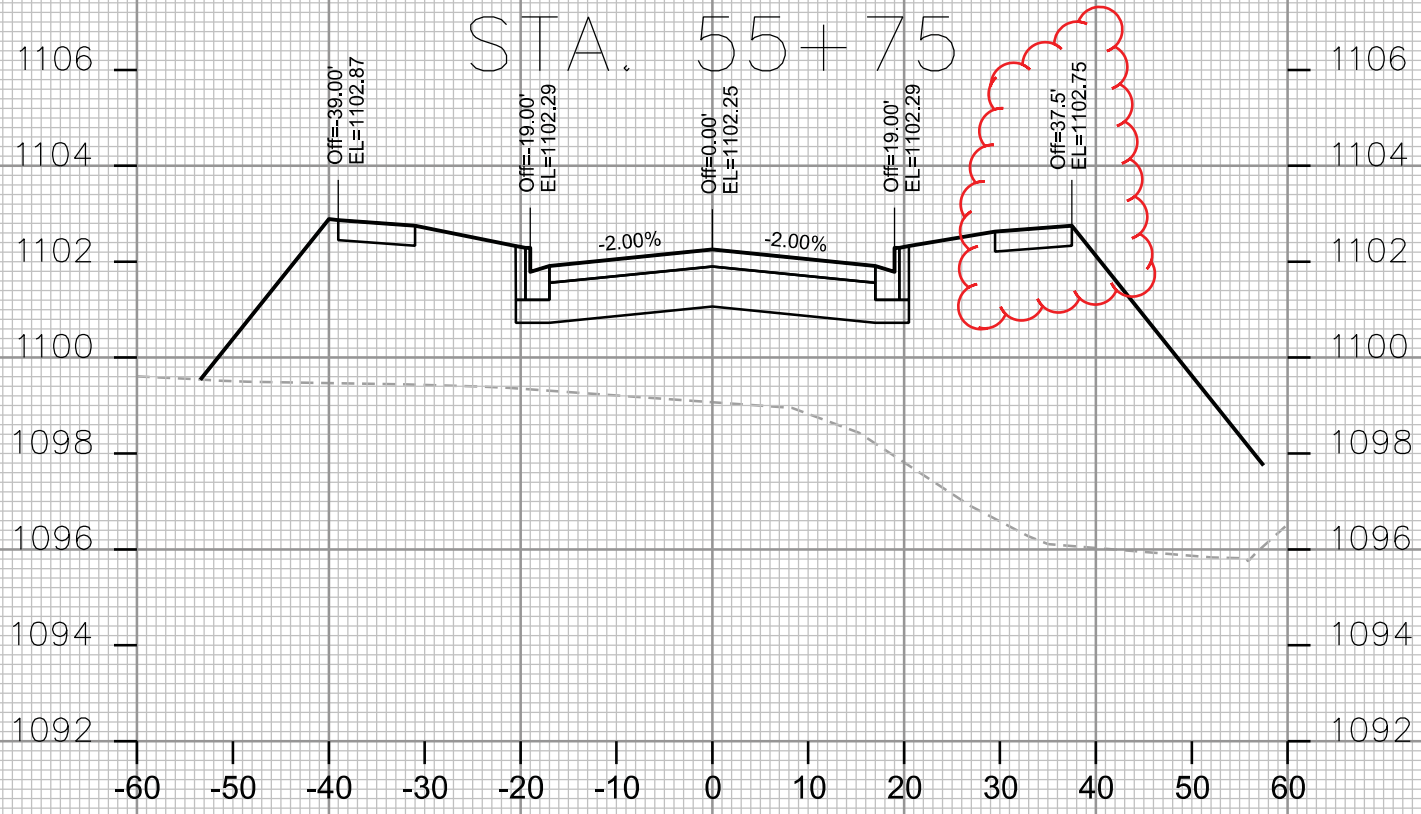
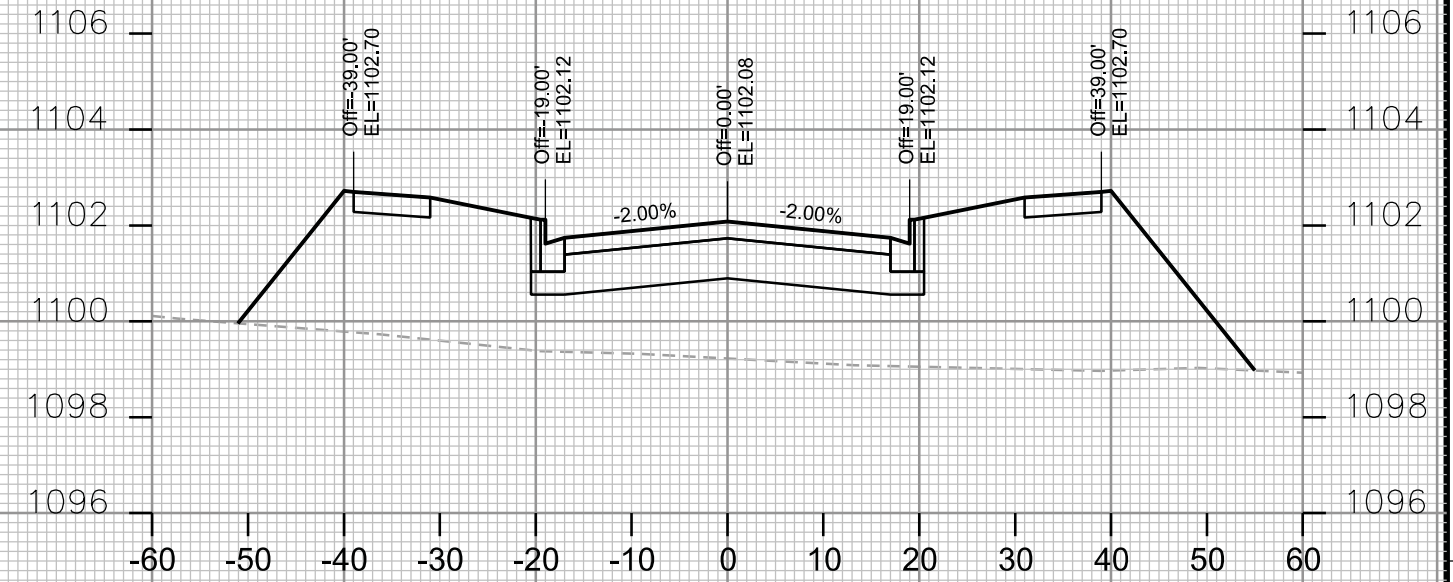
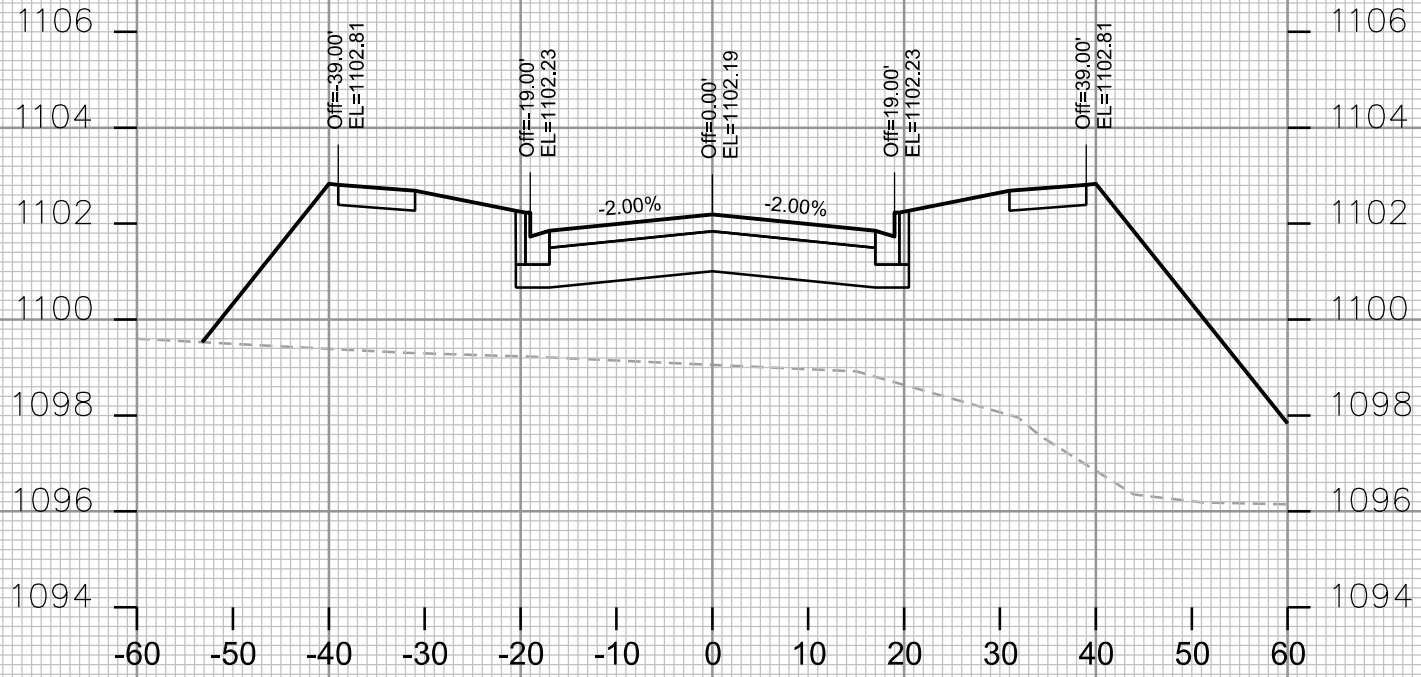
PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

CROSS SECTIONS
BEAR CLAW WAY CITY OF MADISON
REVISED 10/12/15 LRC

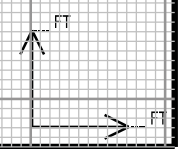


STA. 55+75

STA. 56+25

STA. 55+50

STA. 56+00



PLOT SCALE: _____

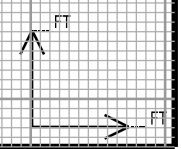
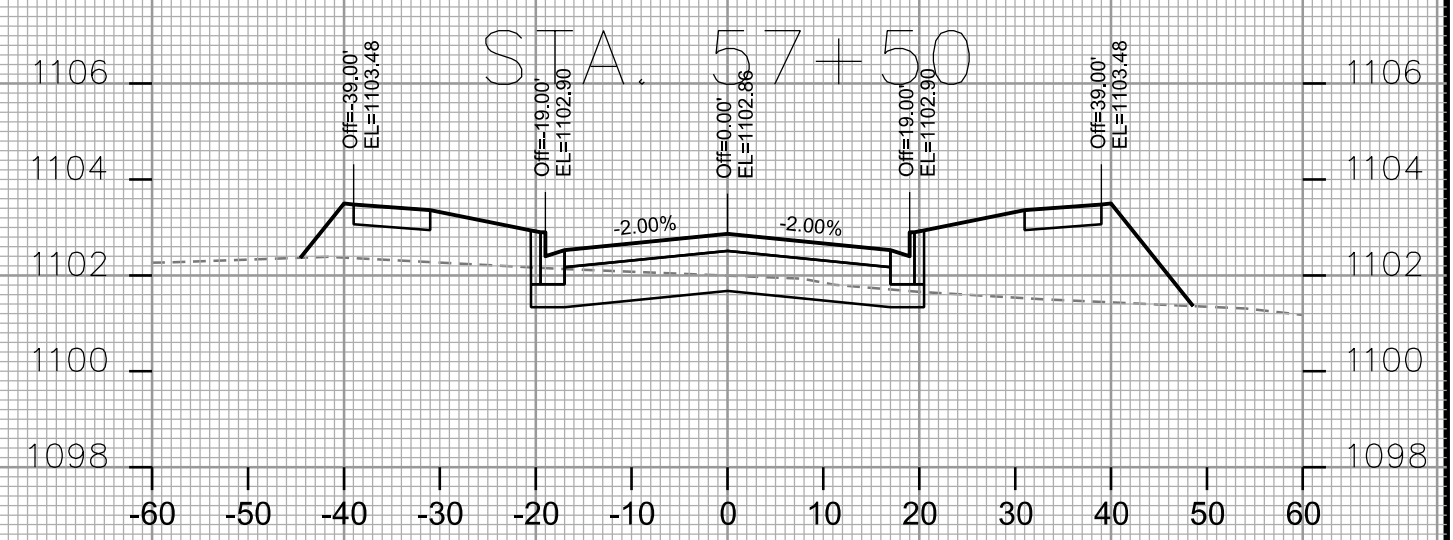
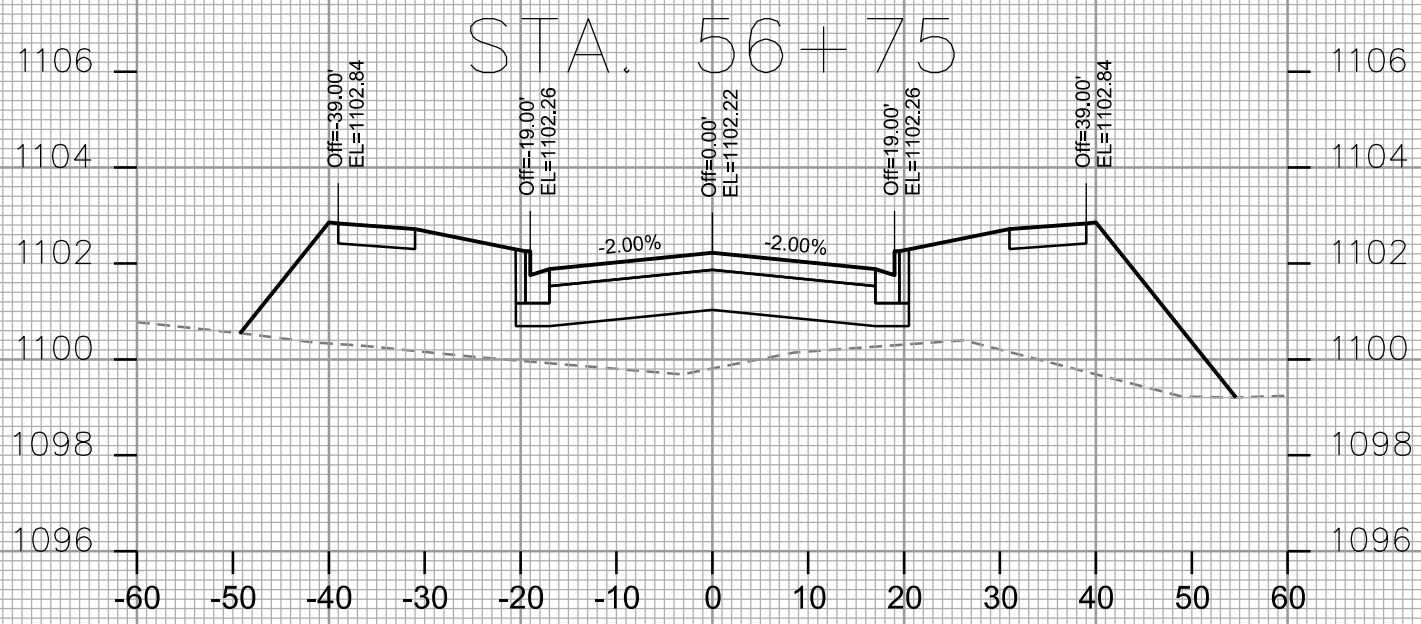
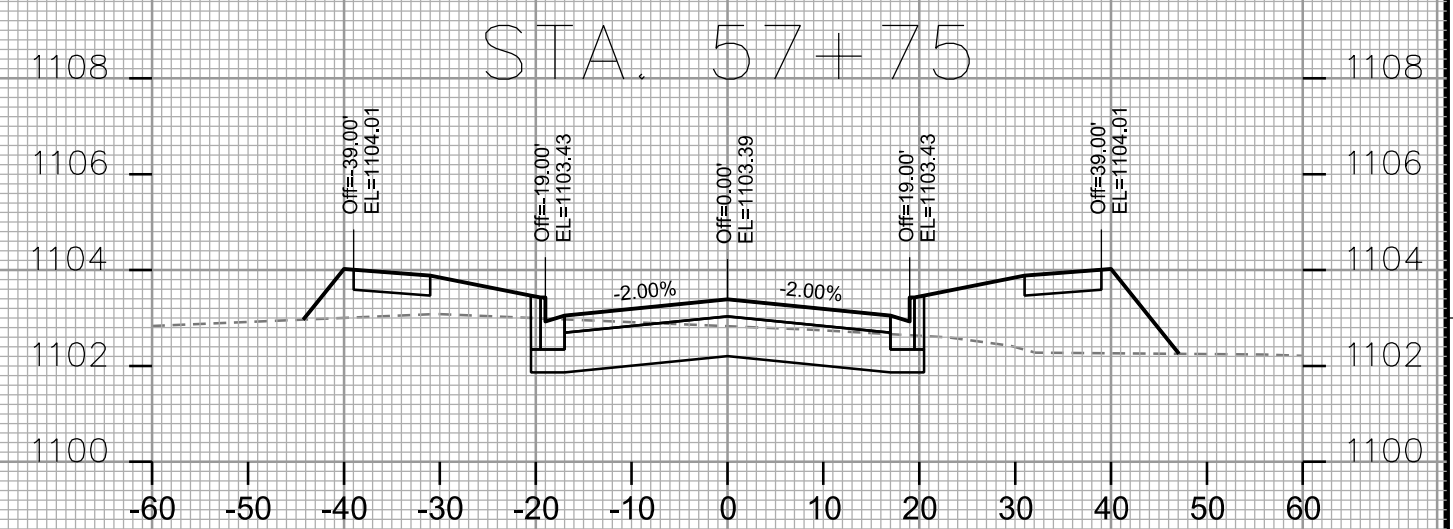
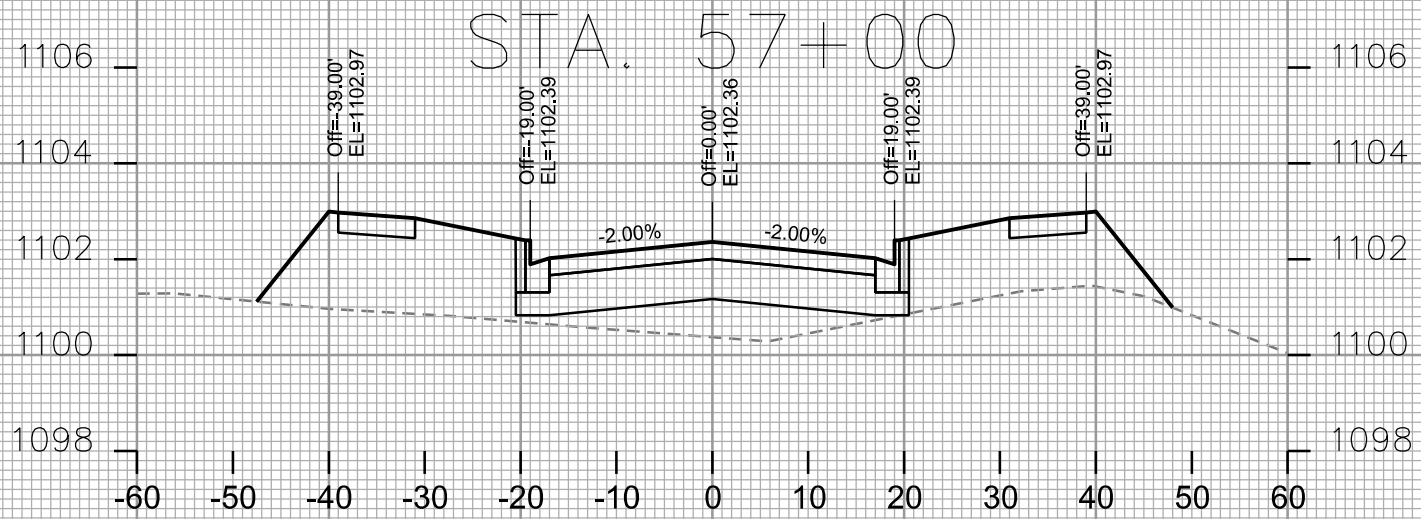
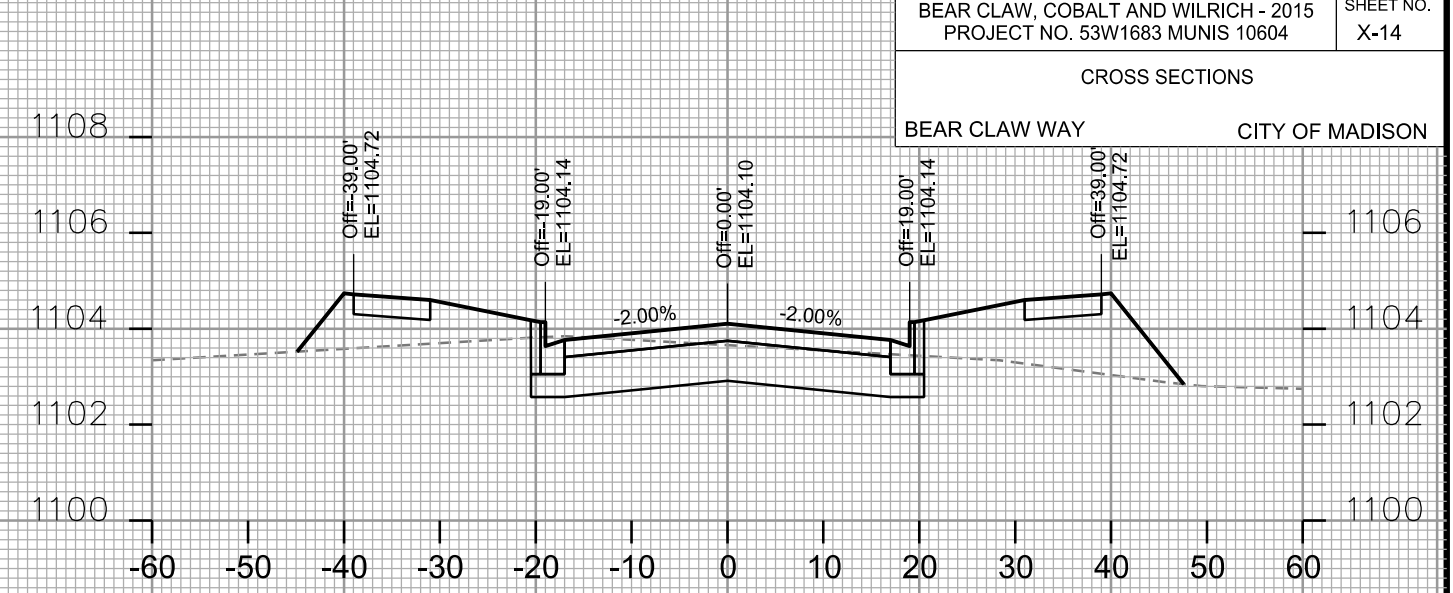
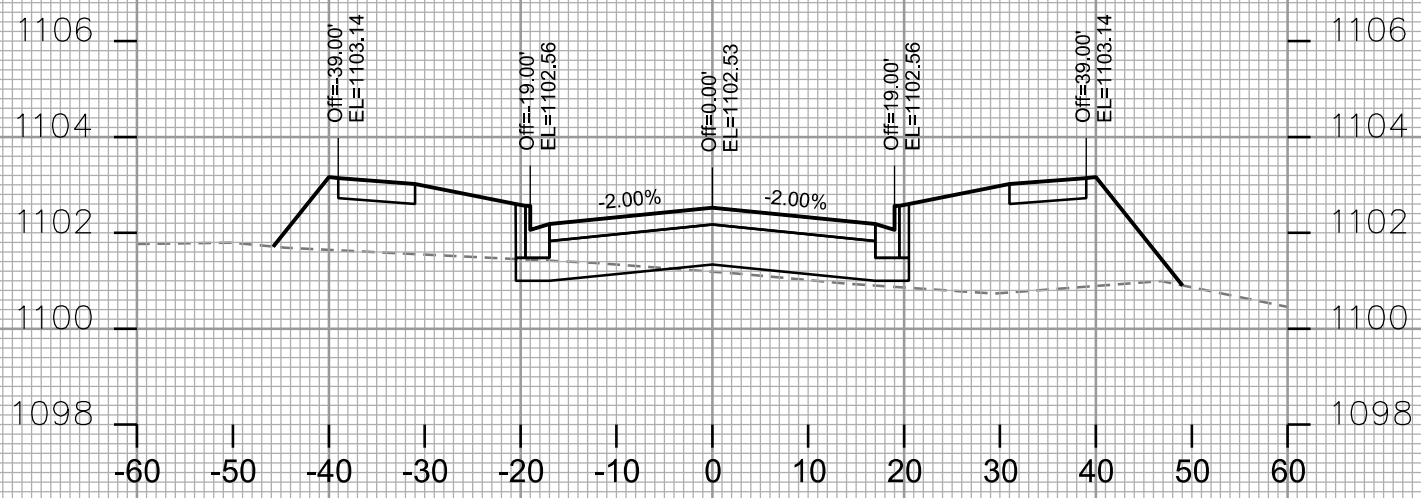
PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

CROSS SECTIONS

BEAR CLAW WAY CITY OF MADISON



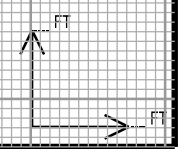
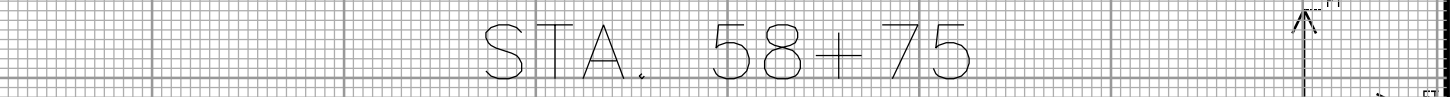
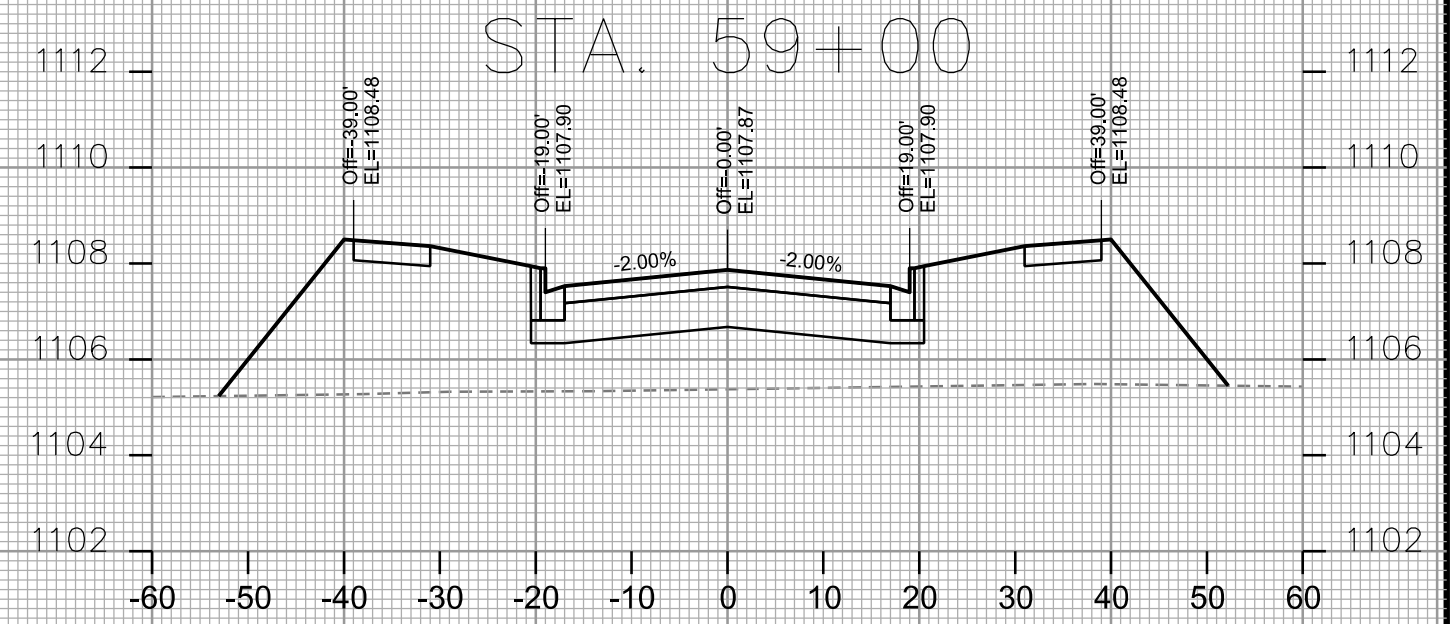
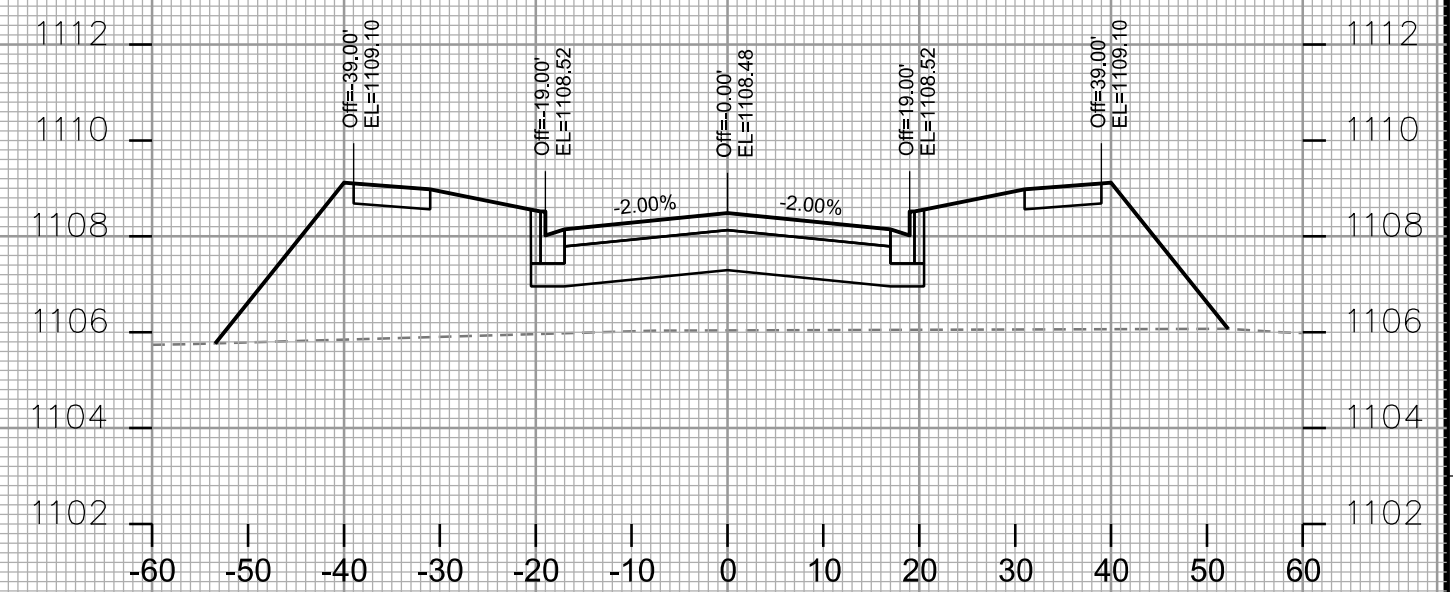
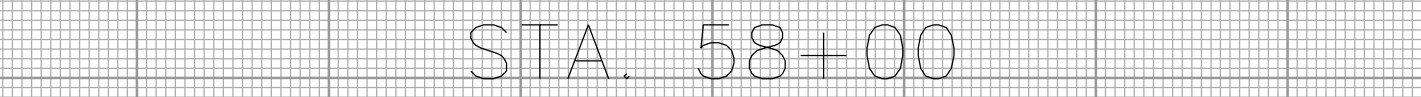
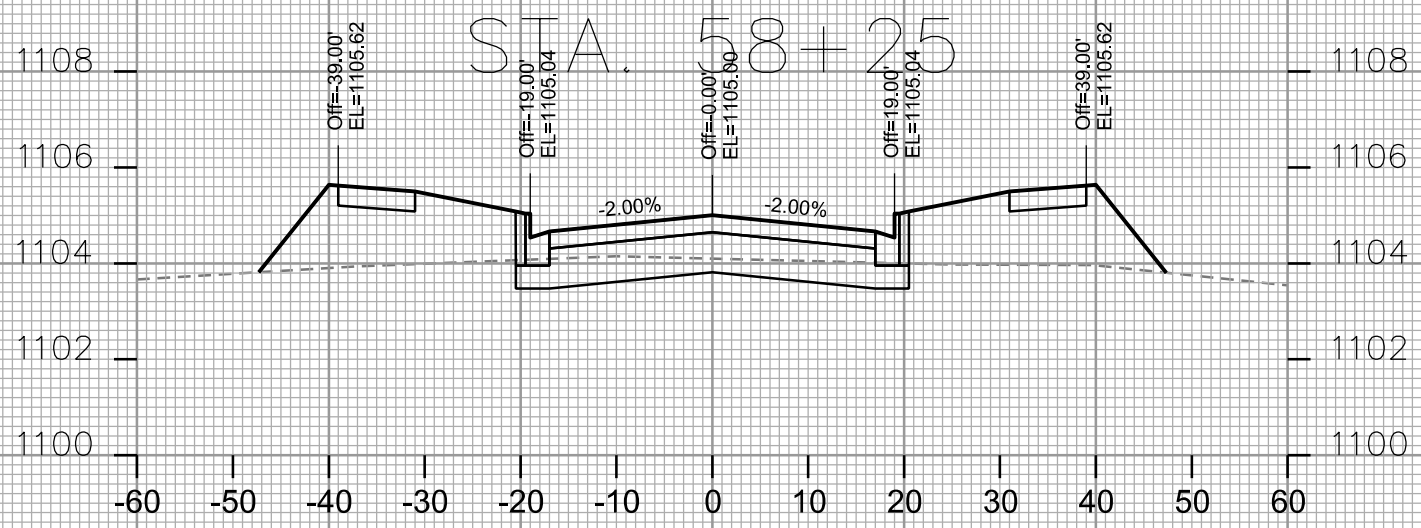
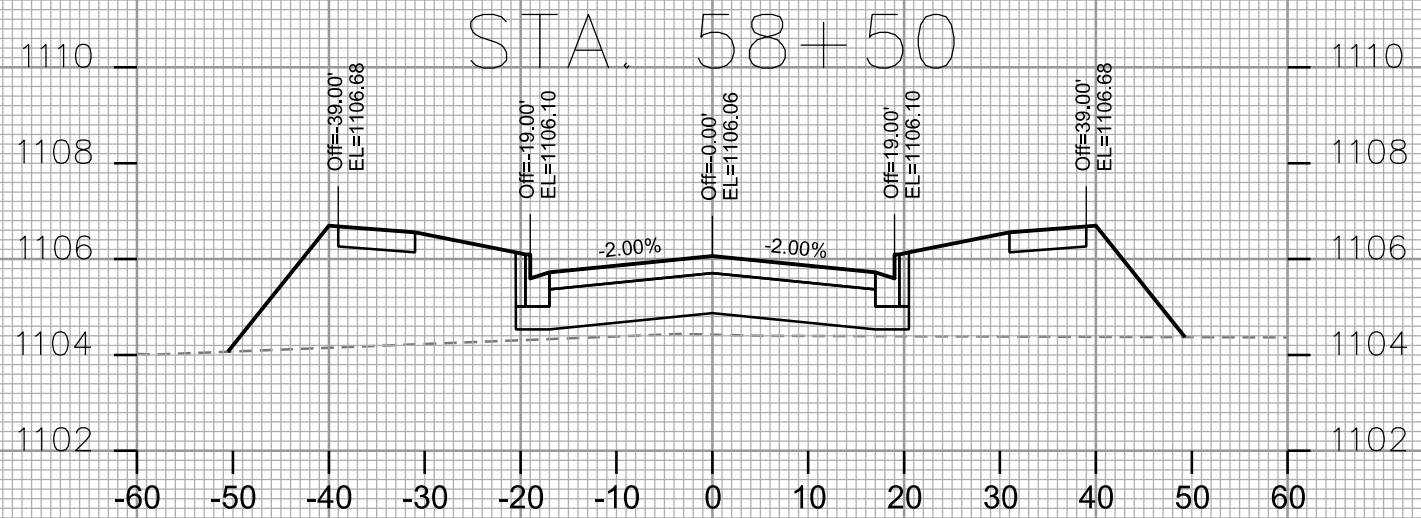
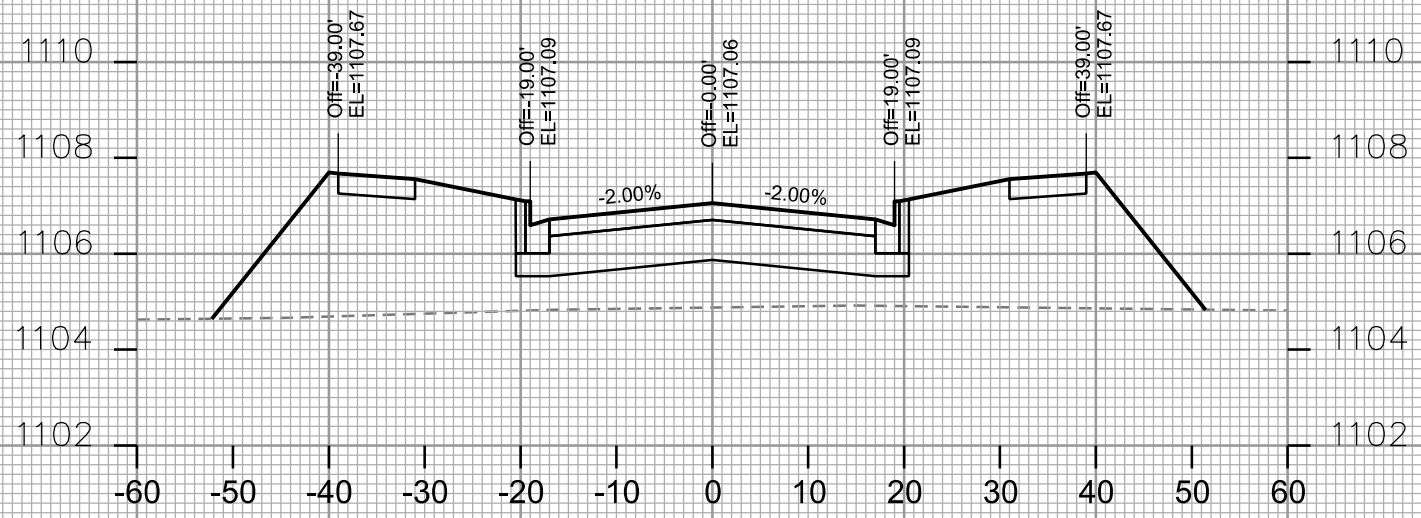
PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON - STREETS DIVISION

CROSS SECTIONS
 BEAR CLAW WAY CITY OF MADISON



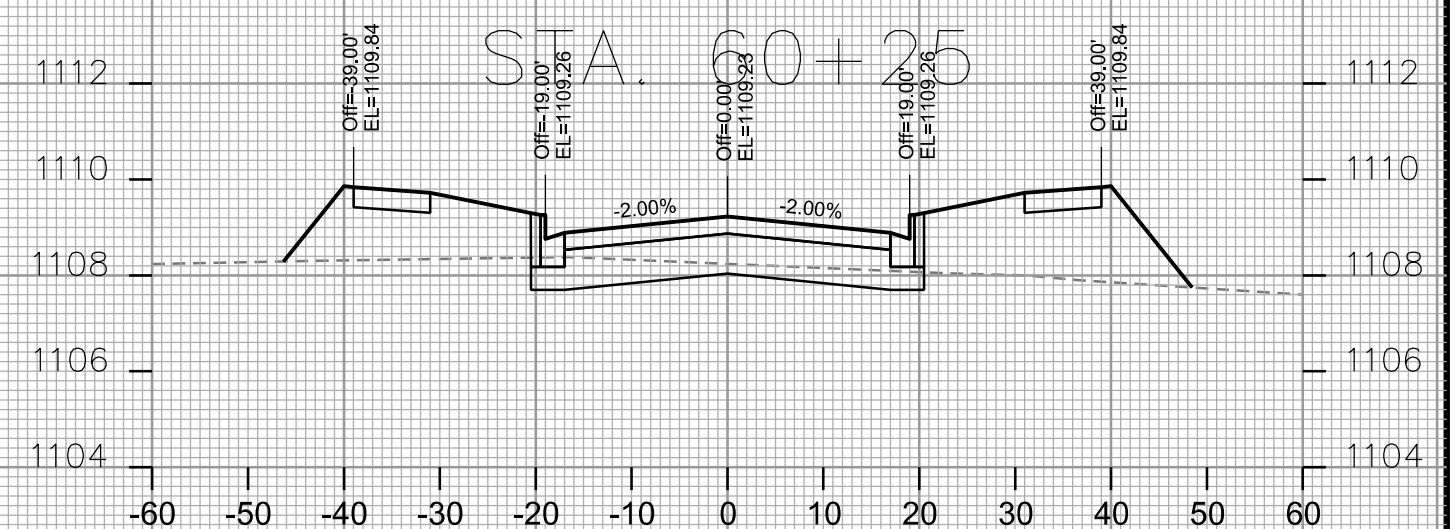
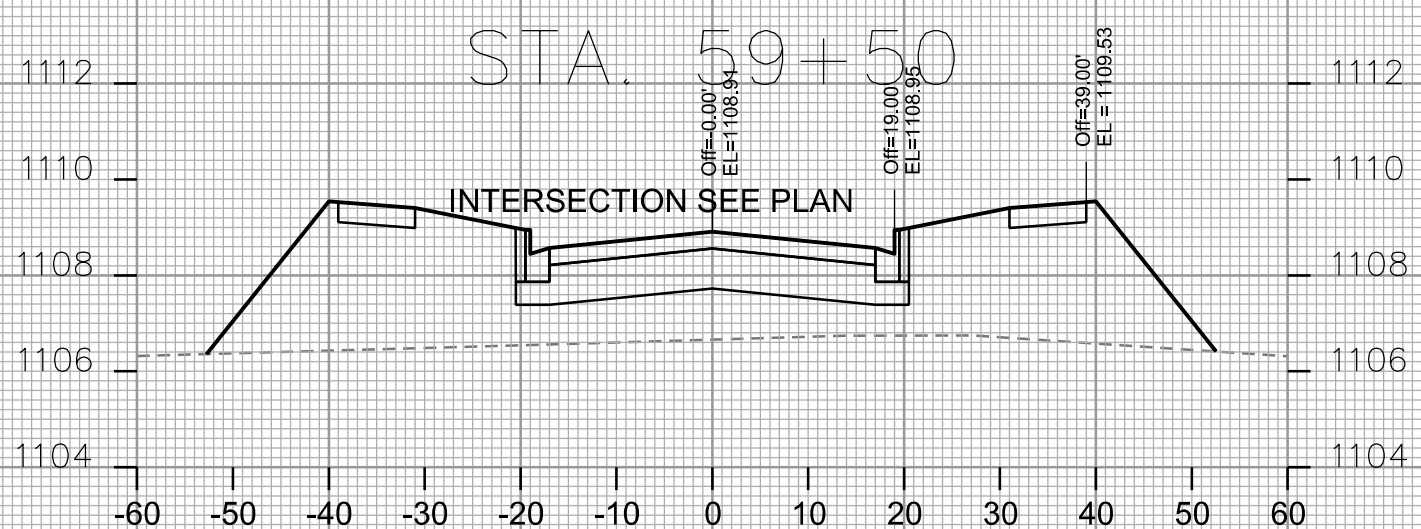
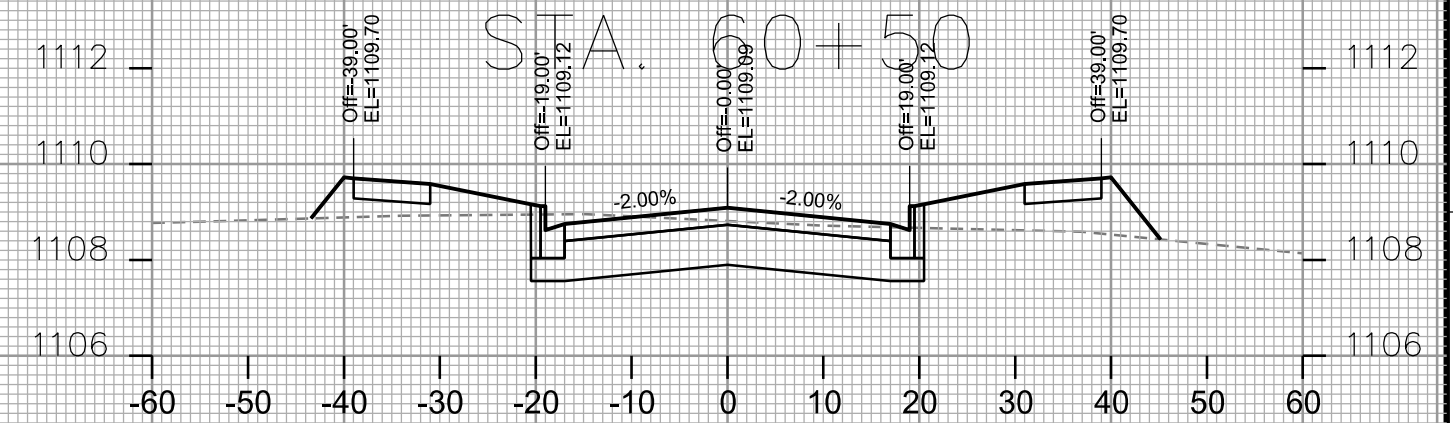
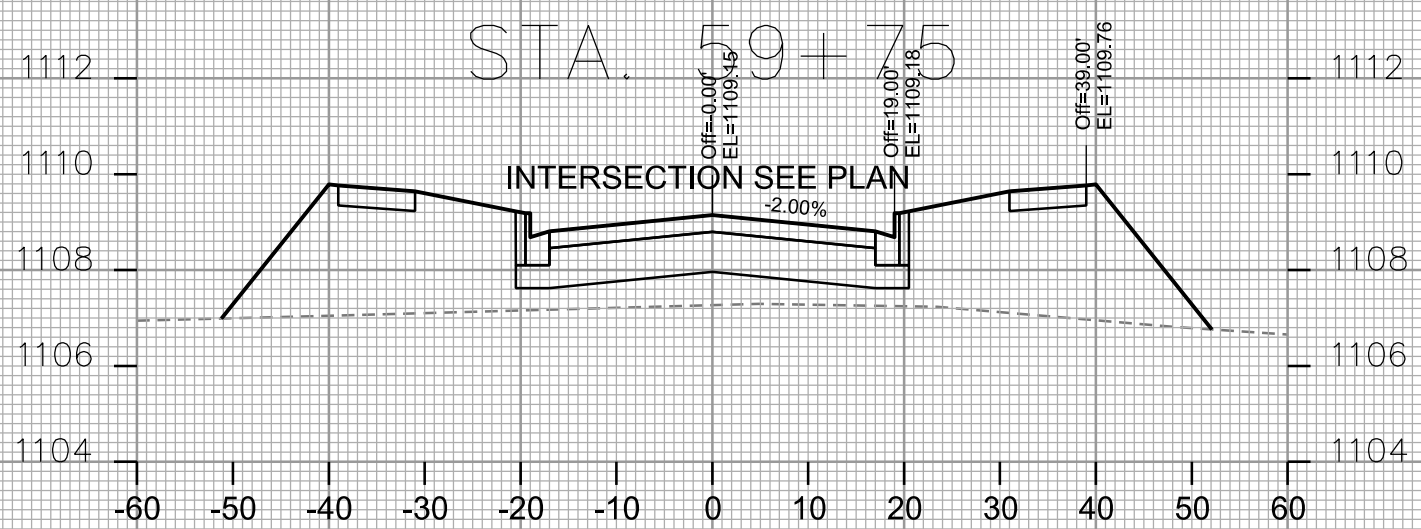
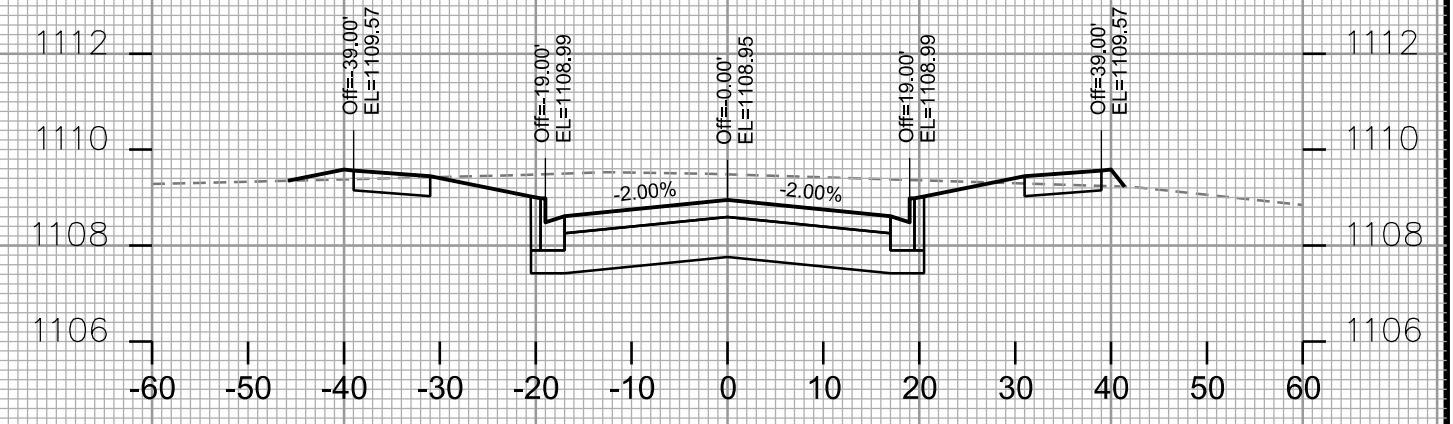
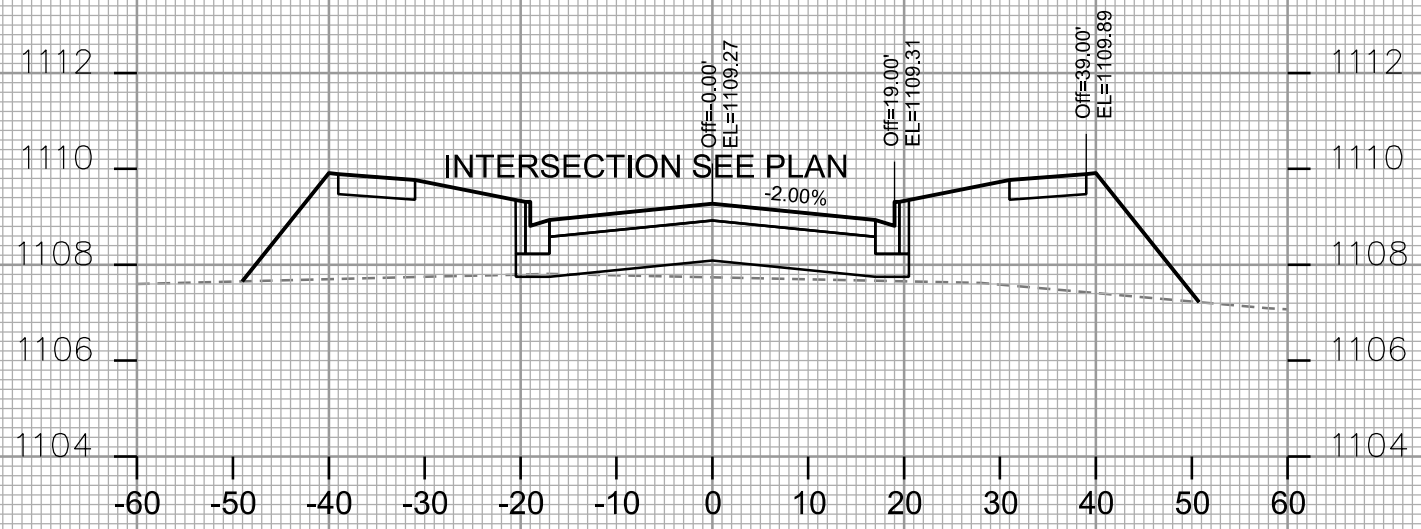
PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

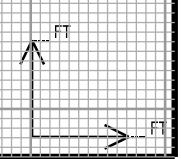
ORIGINATOR: CITY OF MADISON - STREETS DIVISION

CROSS SECTIONS
BEAR CLAW WAY CITY OF MADISON



STA. 59+25

STA. 60+00



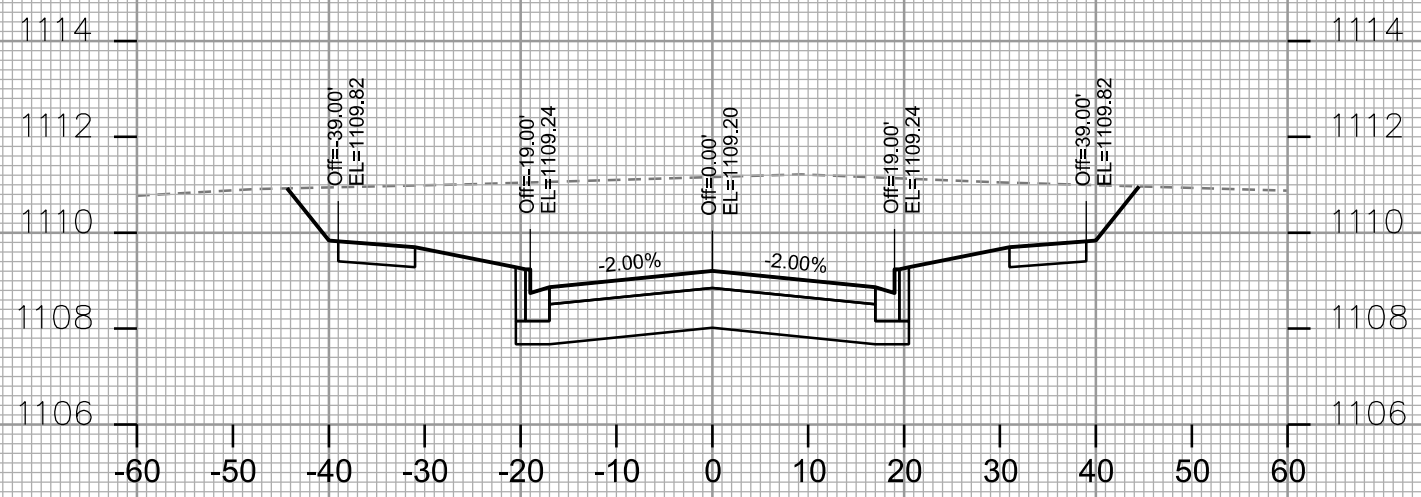
PLOT SCALE: _____

PLOT NAME: _____

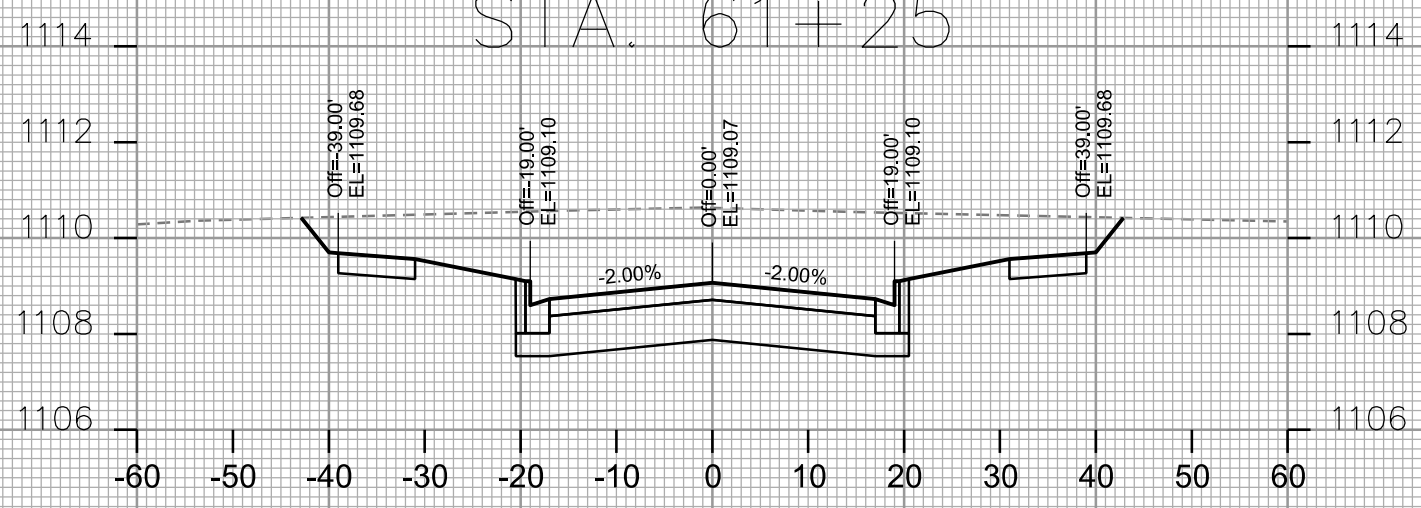
REV. DATE: _____

ORIGINATOR: CITY OF MADISON - STREETS DIVISION

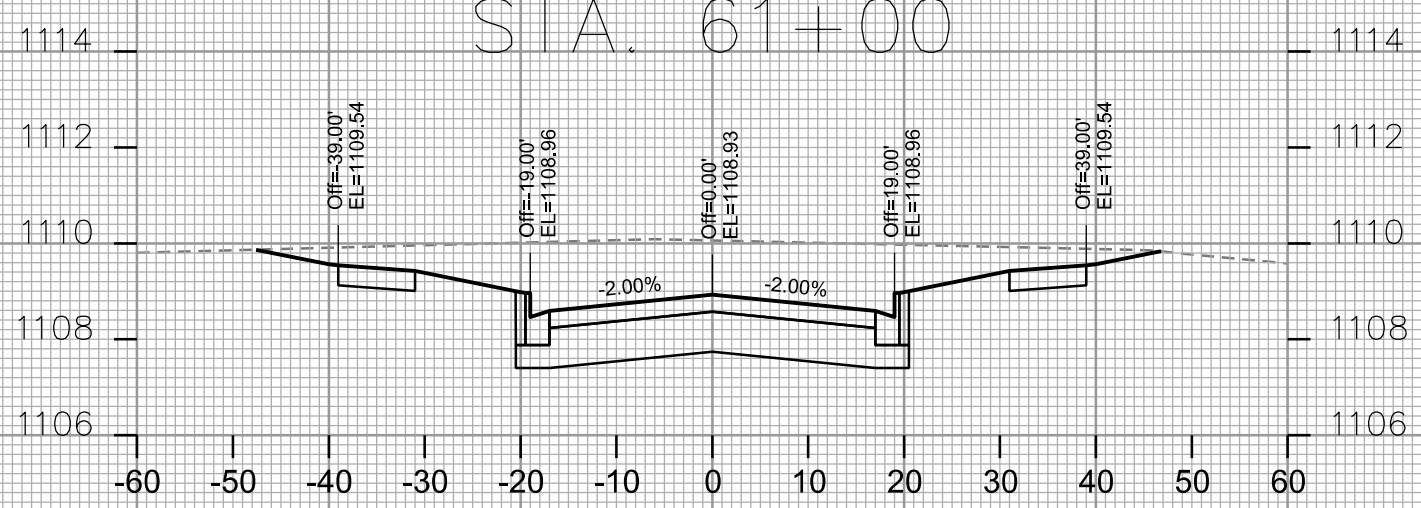
CROSS SECTIONS
 BEAR CLAW WAY CITY OF MADISON



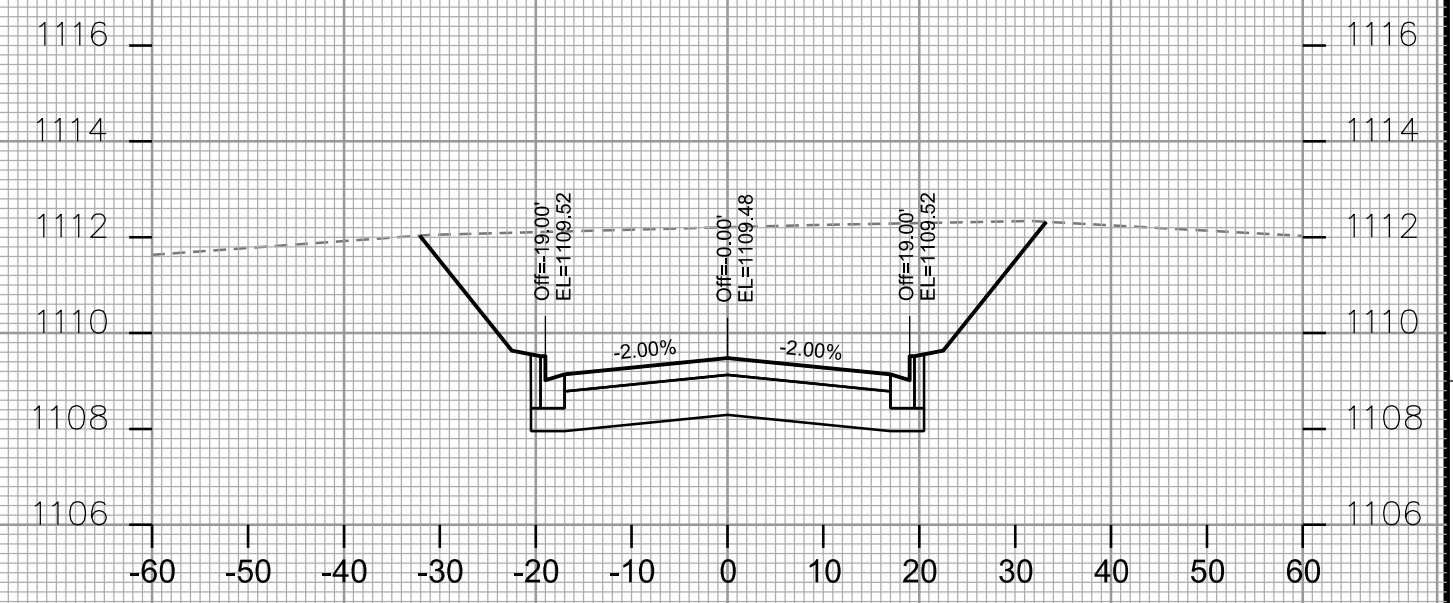
STA. 61+25



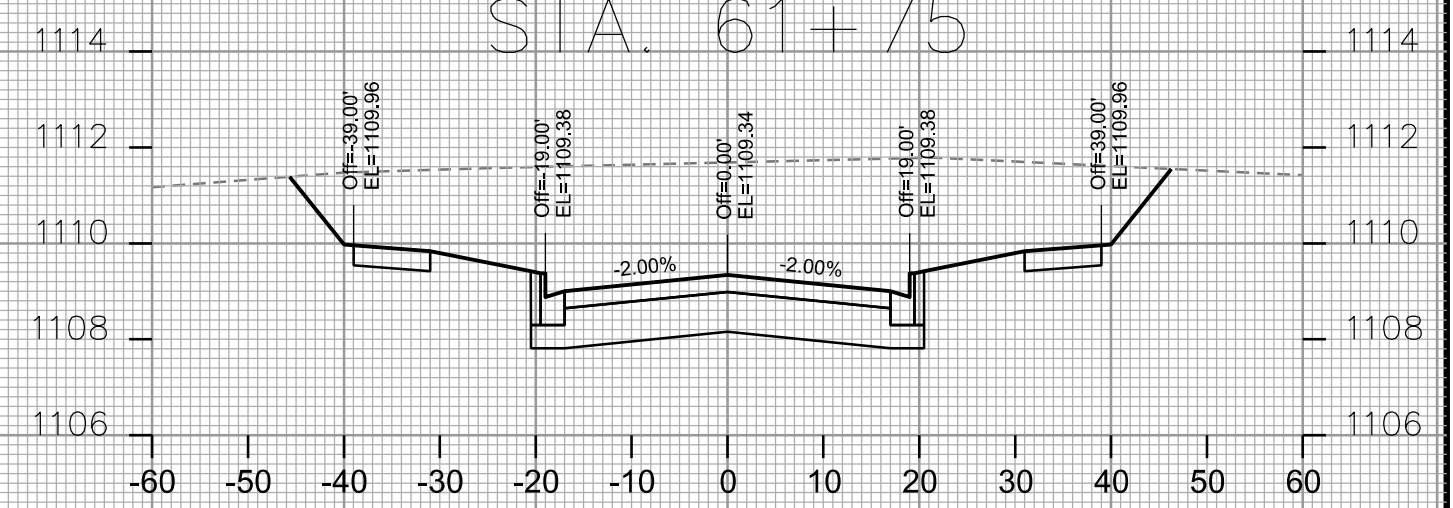
STA. 61+00



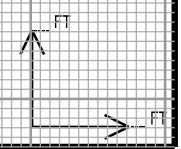
STA. 60+75



STA. 61+75



STA. 61+50



PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

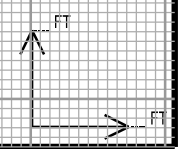
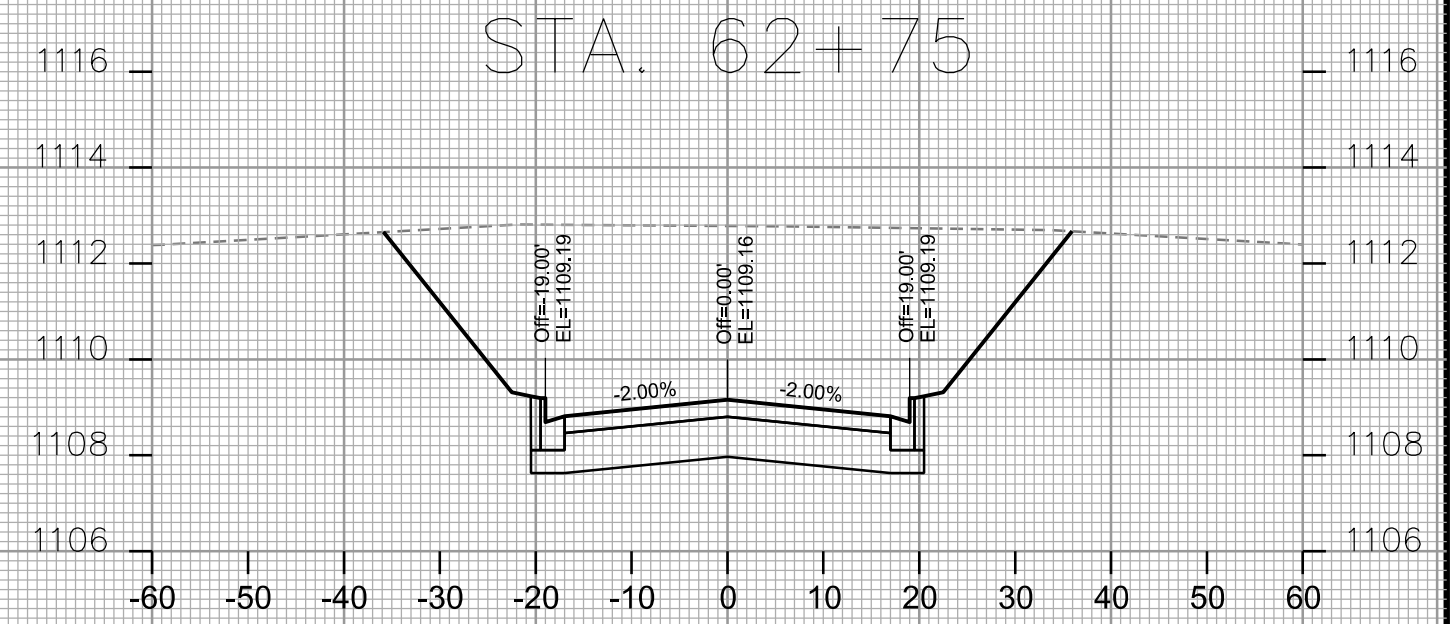
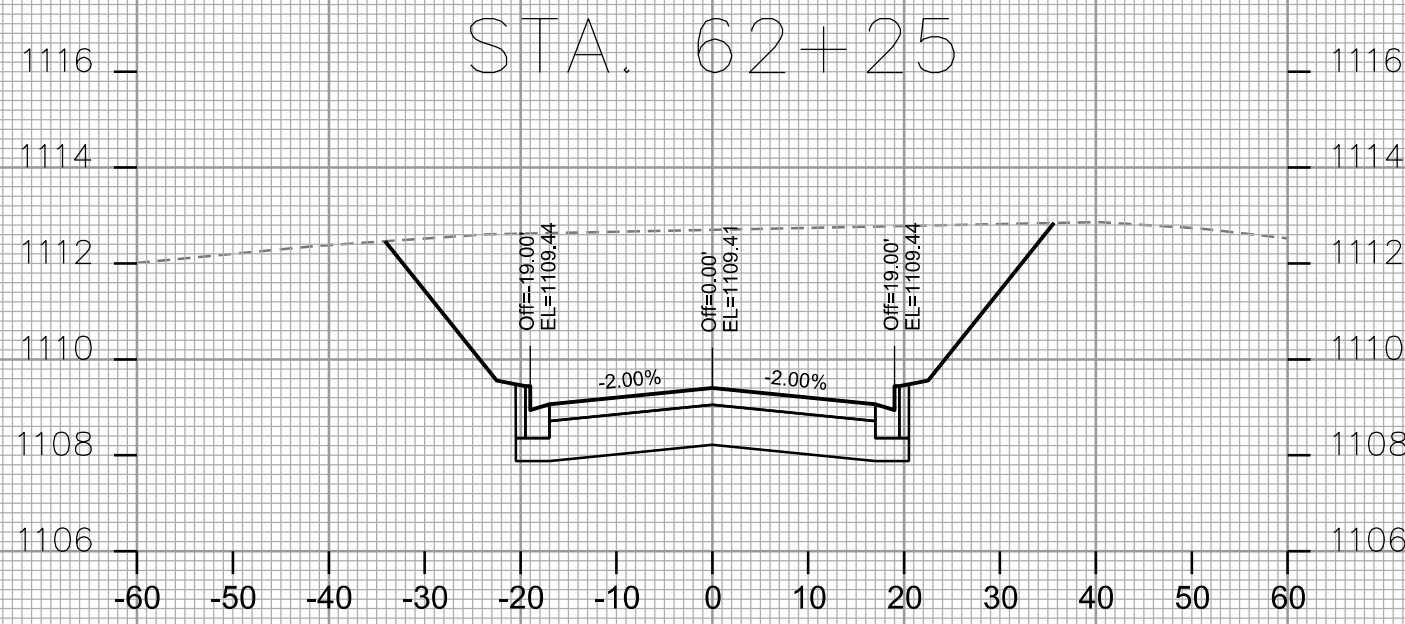
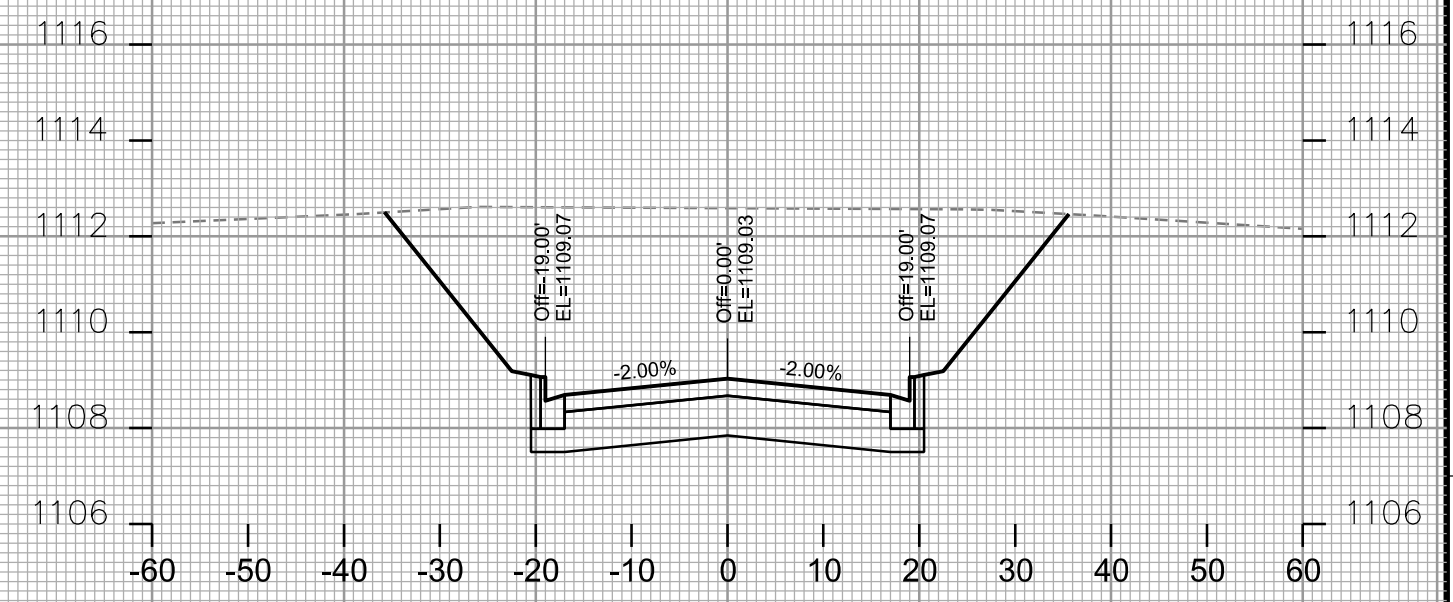
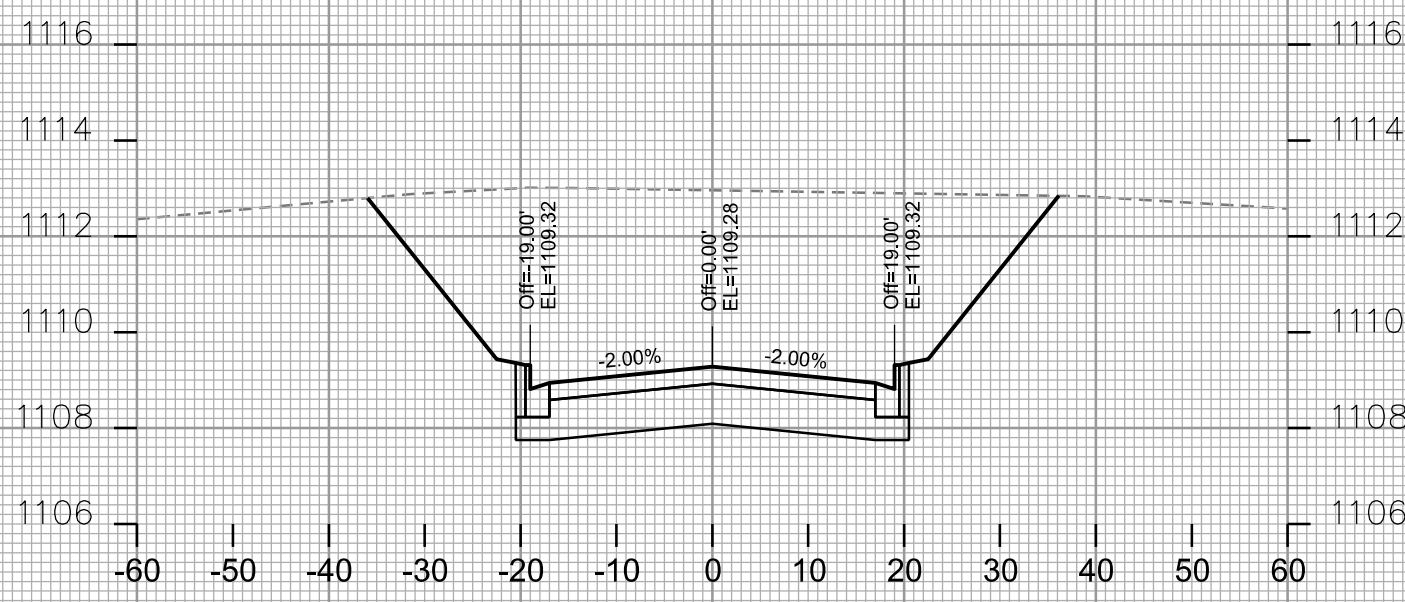
ORIGINATOR: CITY OF MADISON - STREETS DIVISION

PLOT SCALE: _____

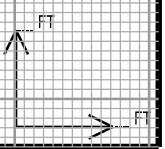
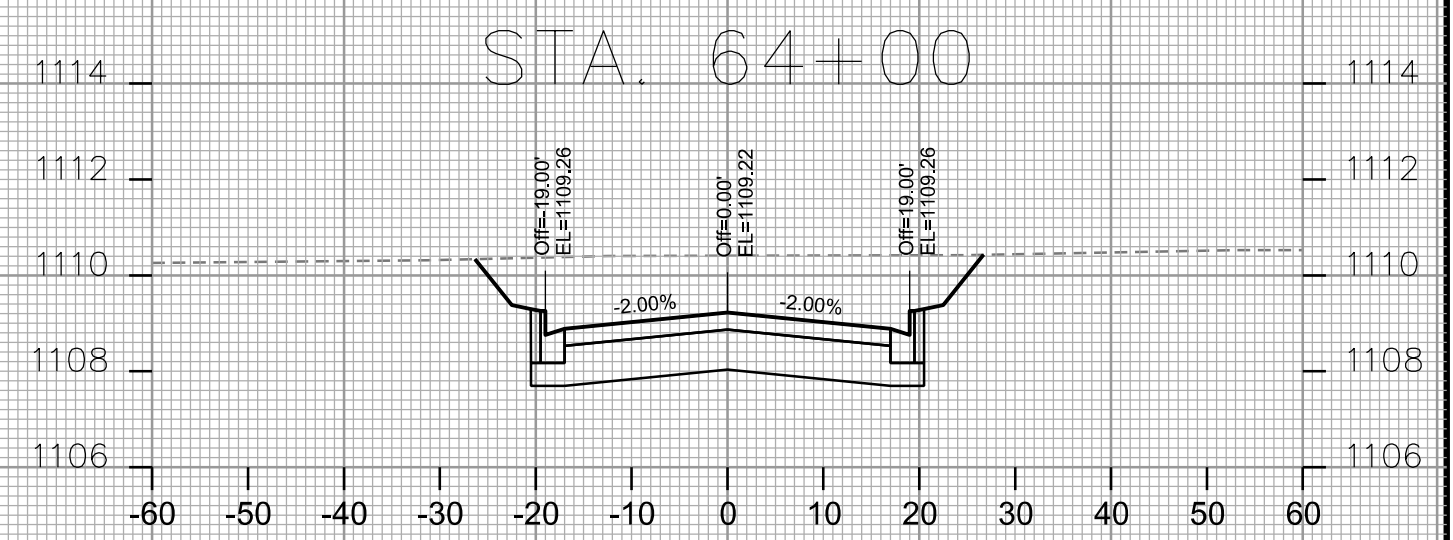
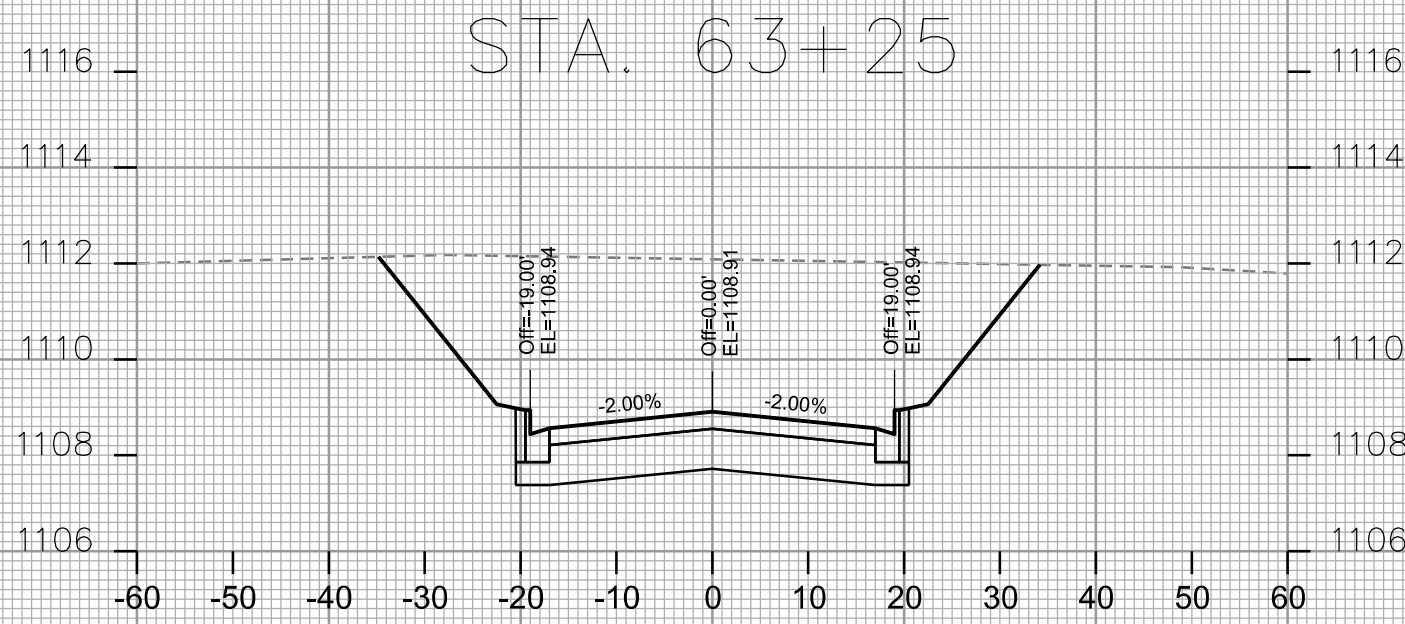
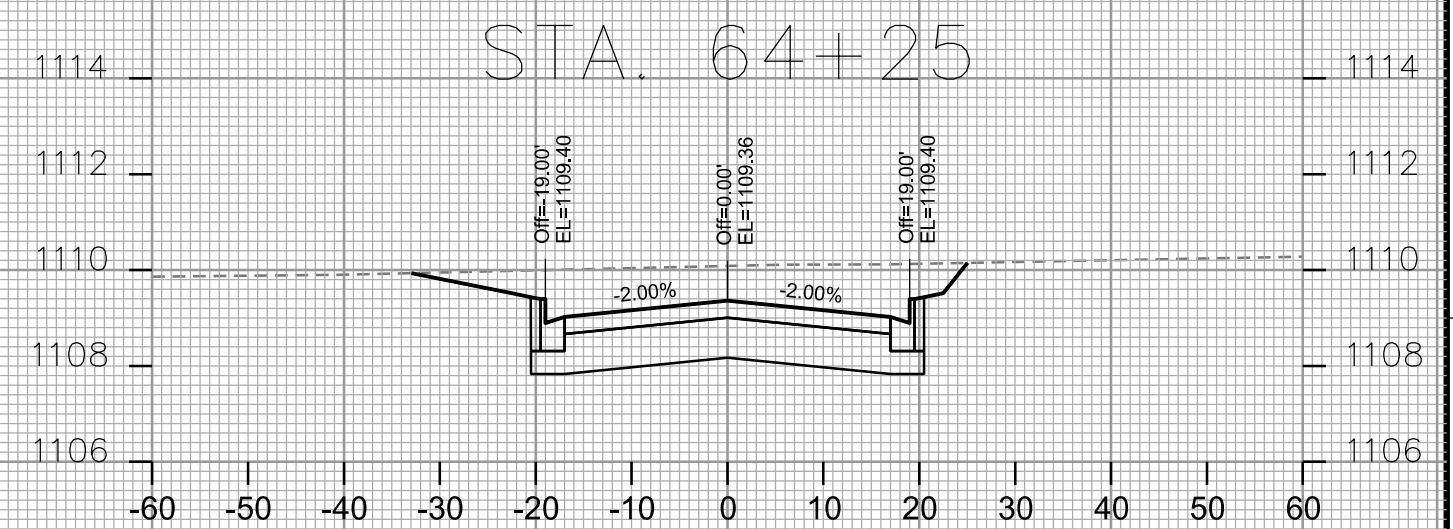
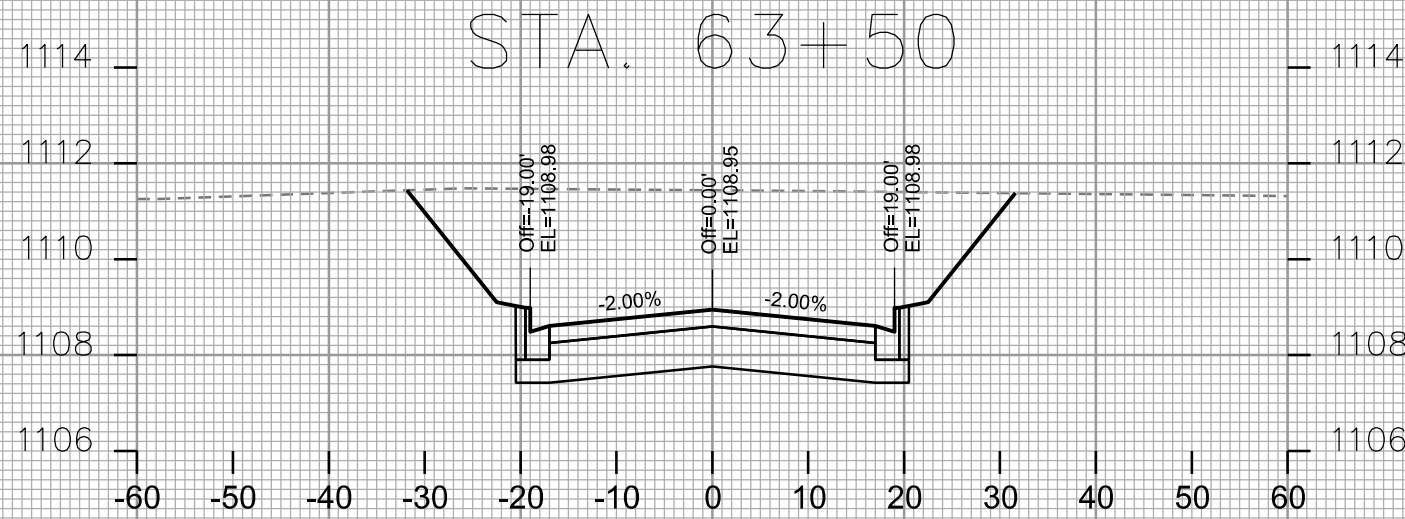
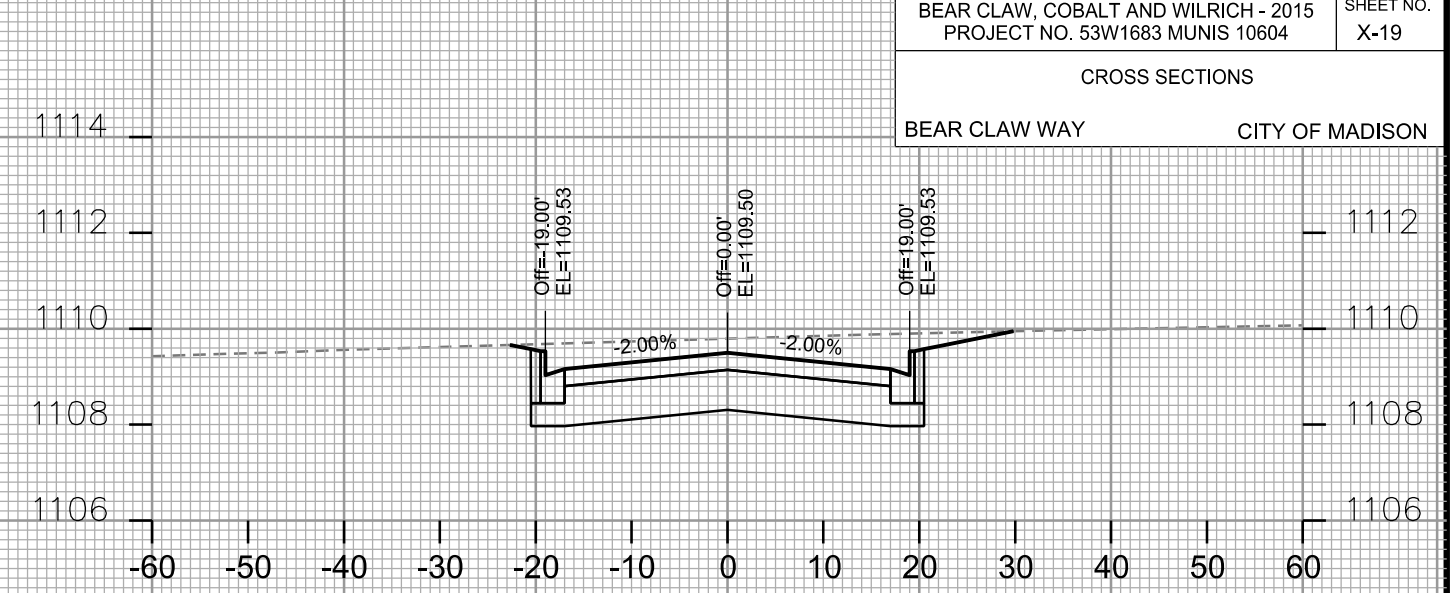
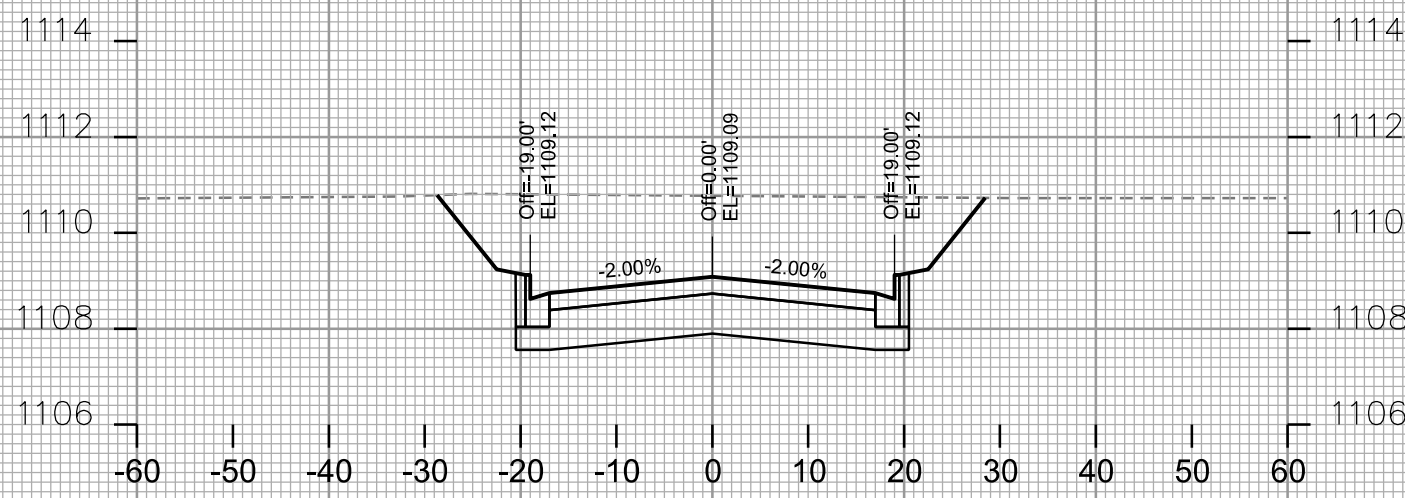
PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON - STREETS DIVISION



CROSS SECTIONS
 BEAR CLAW WAY CITY OF MADISON



PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

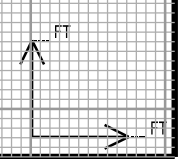
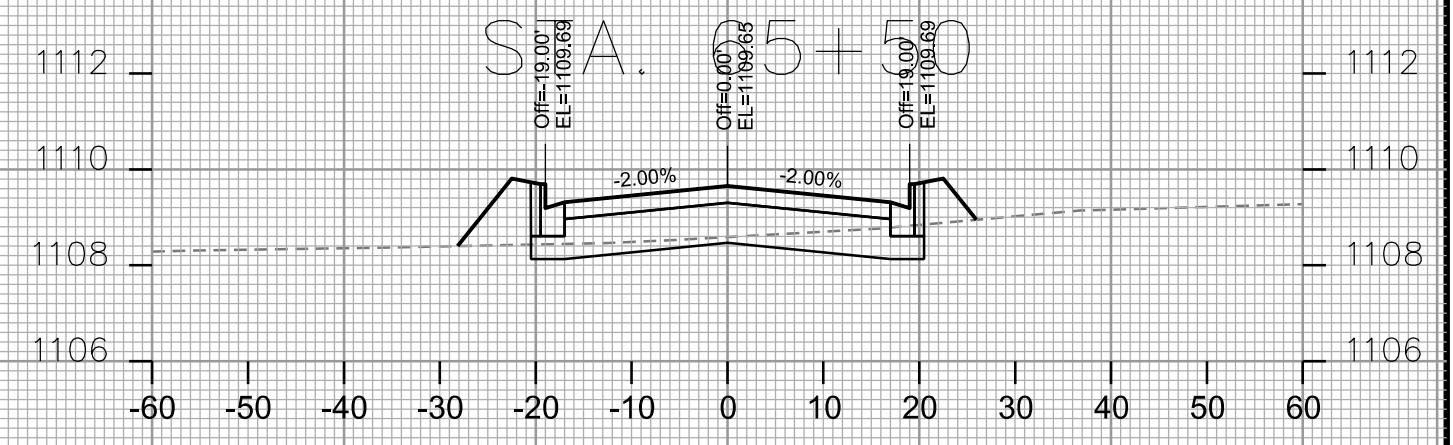
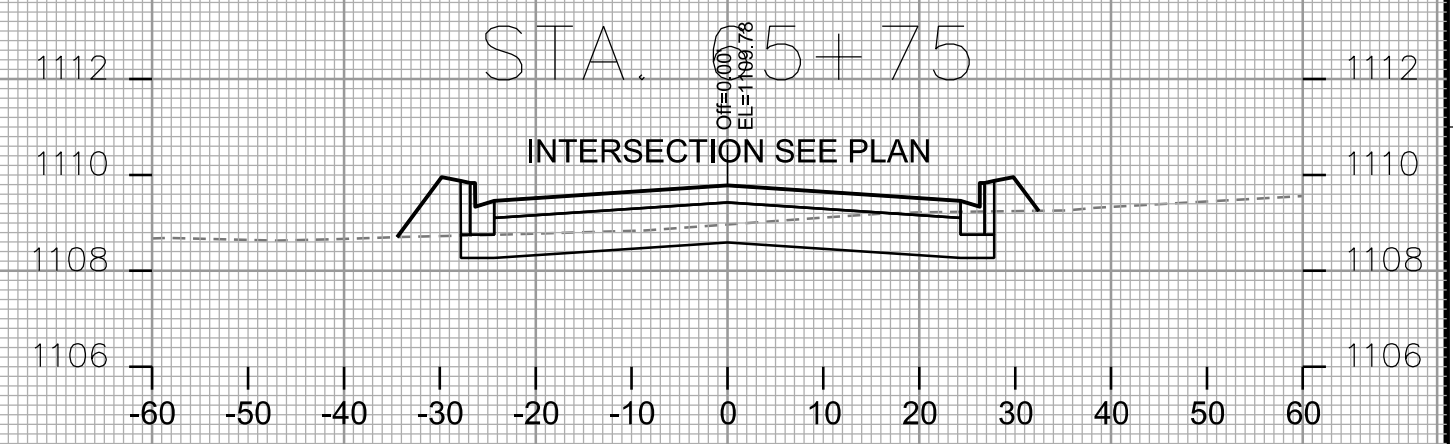
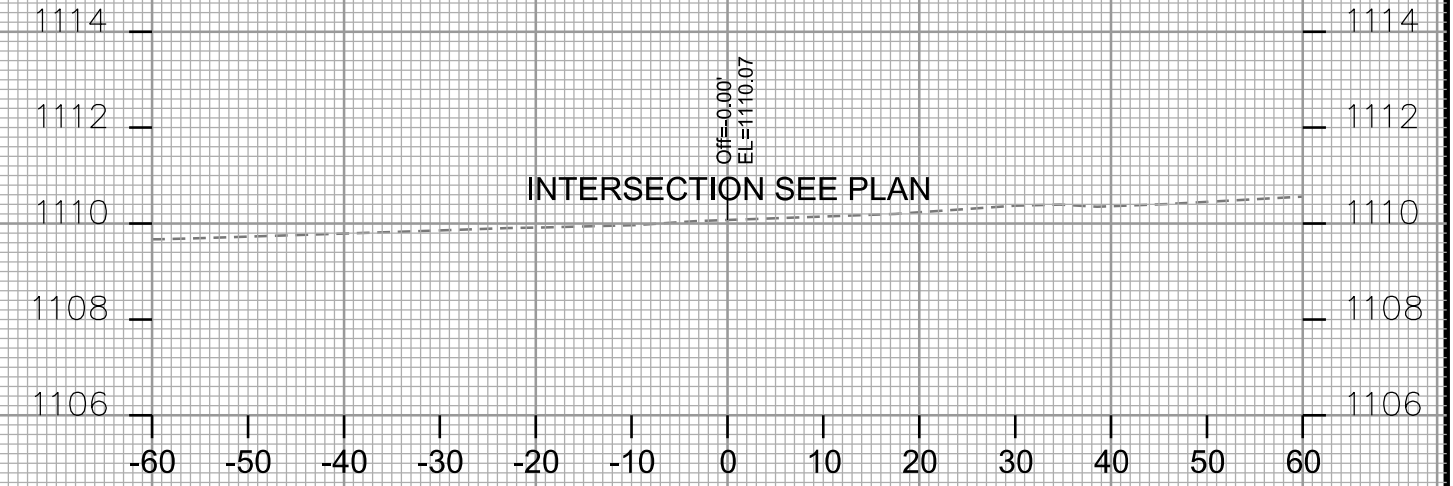
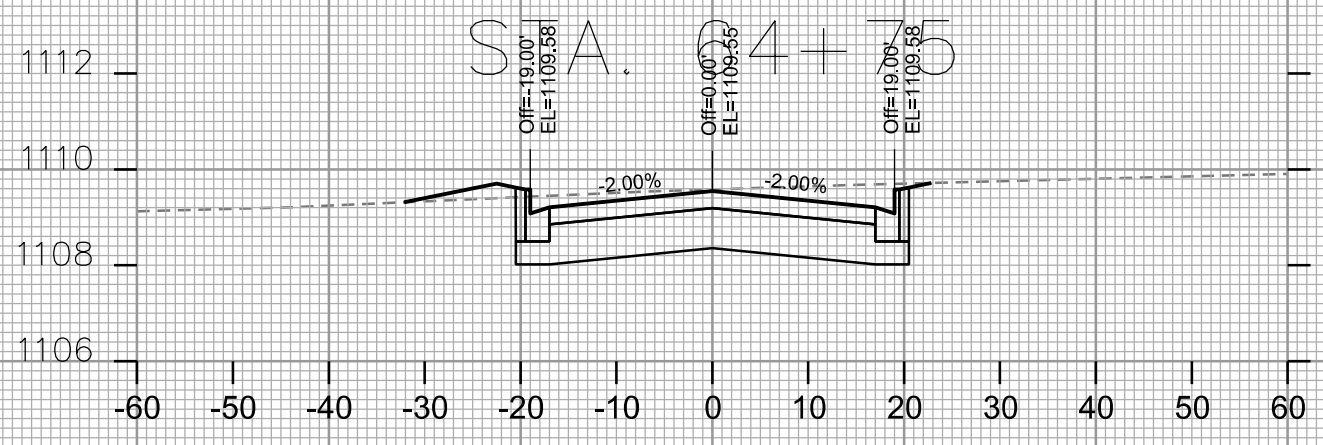
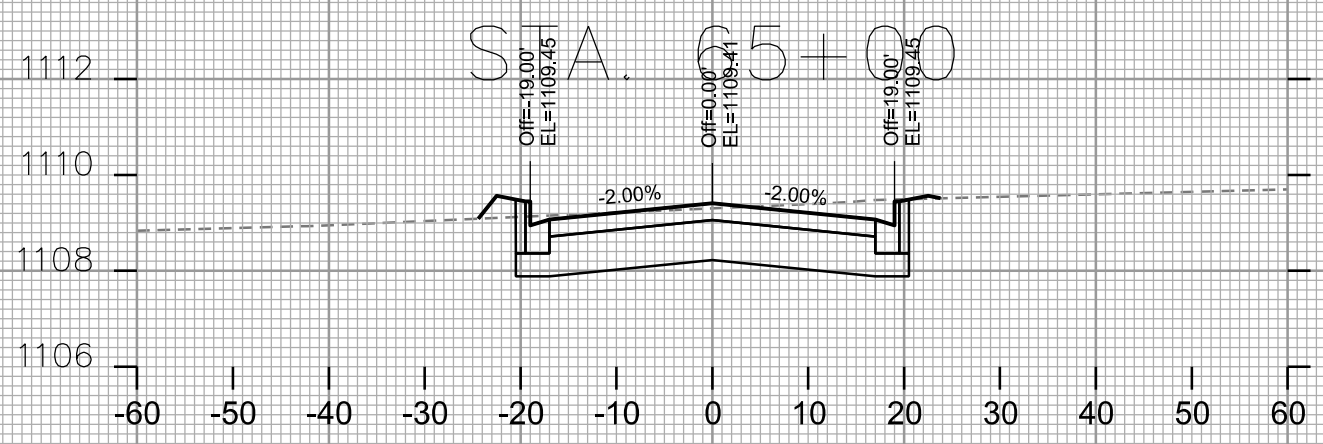
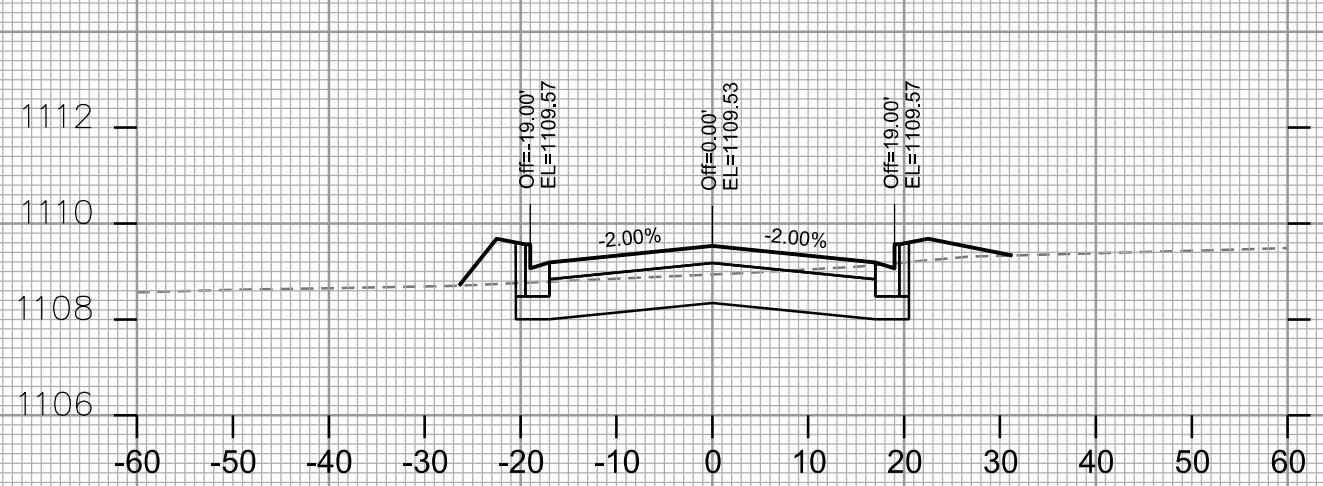
ORIGINATOR: CITY OF MADISON - STREETS DIVISION

PLOT SCALE: _____

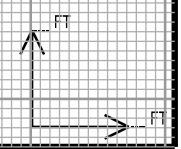
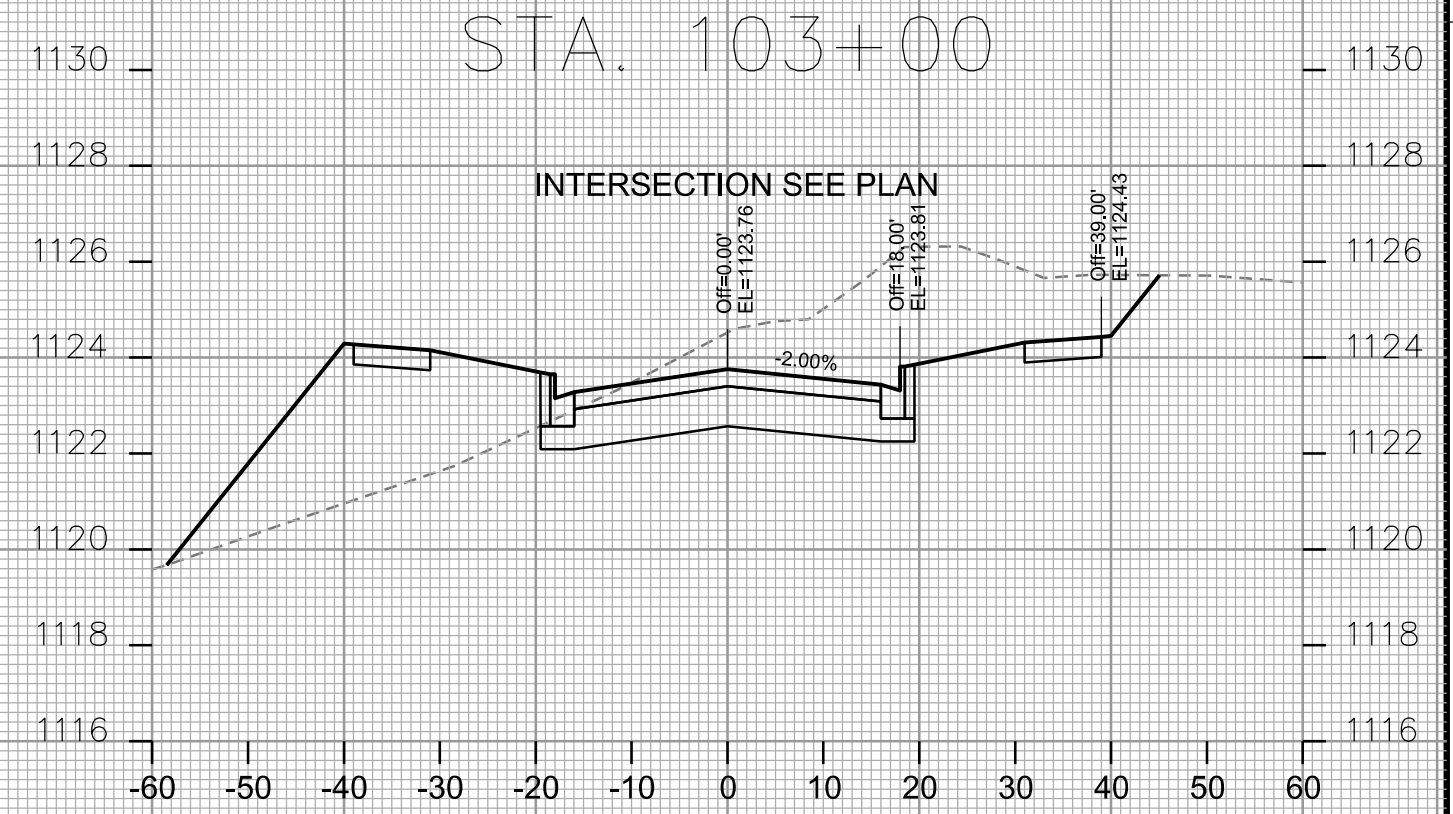
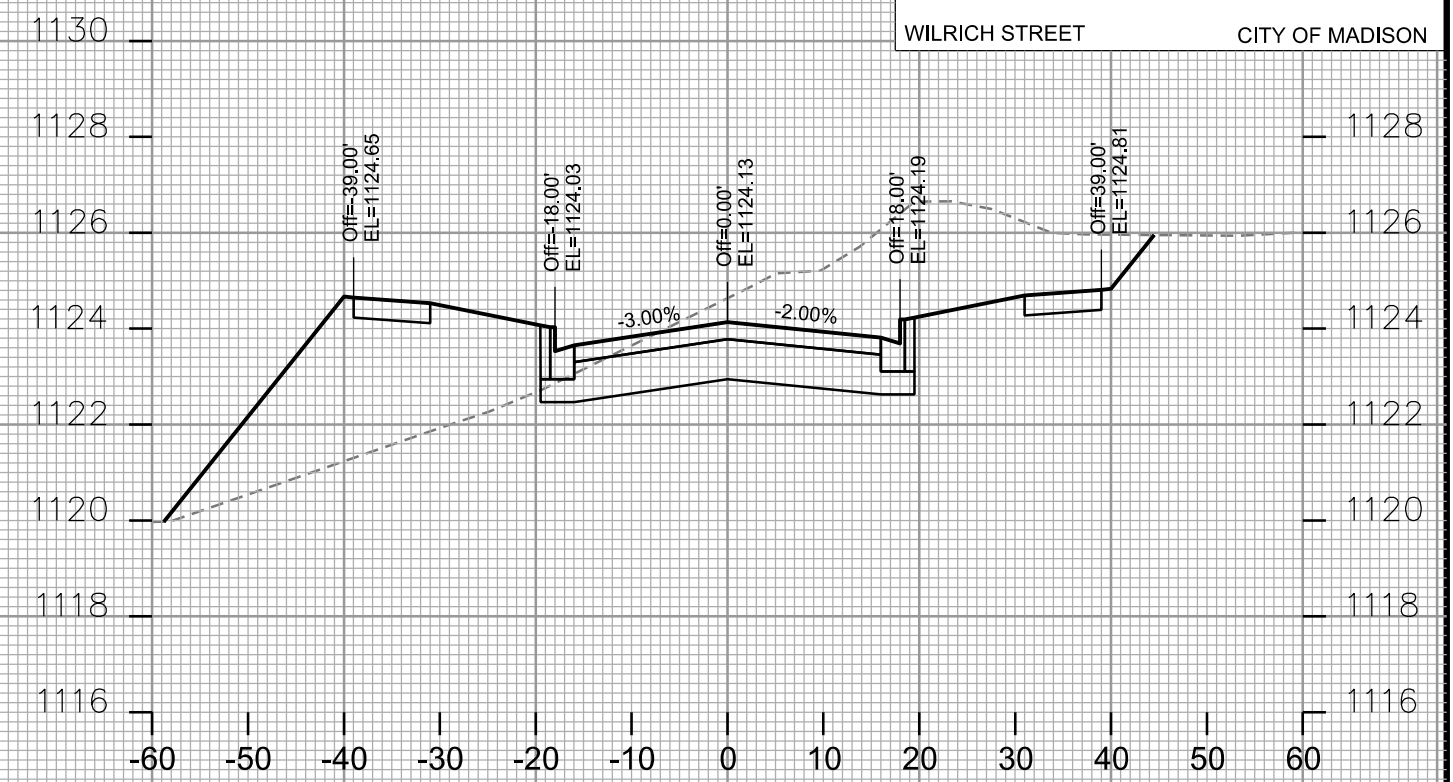
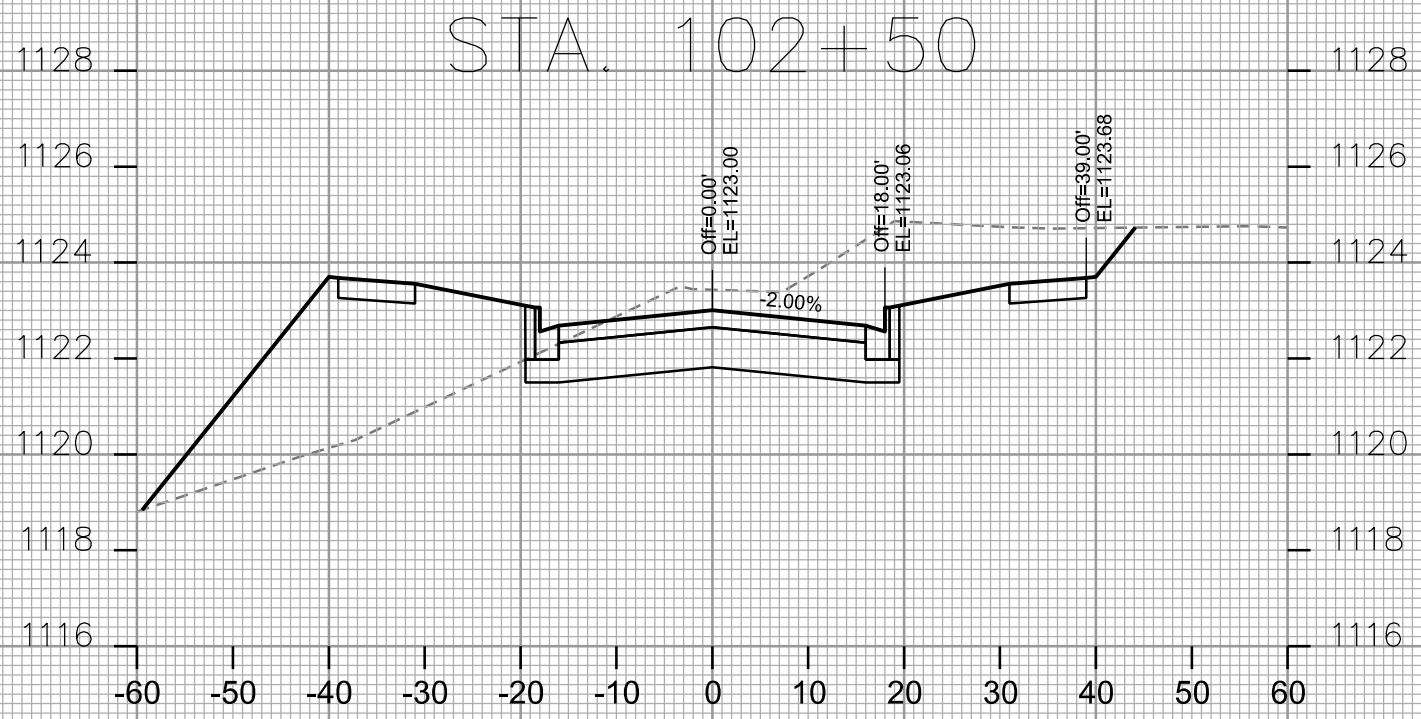
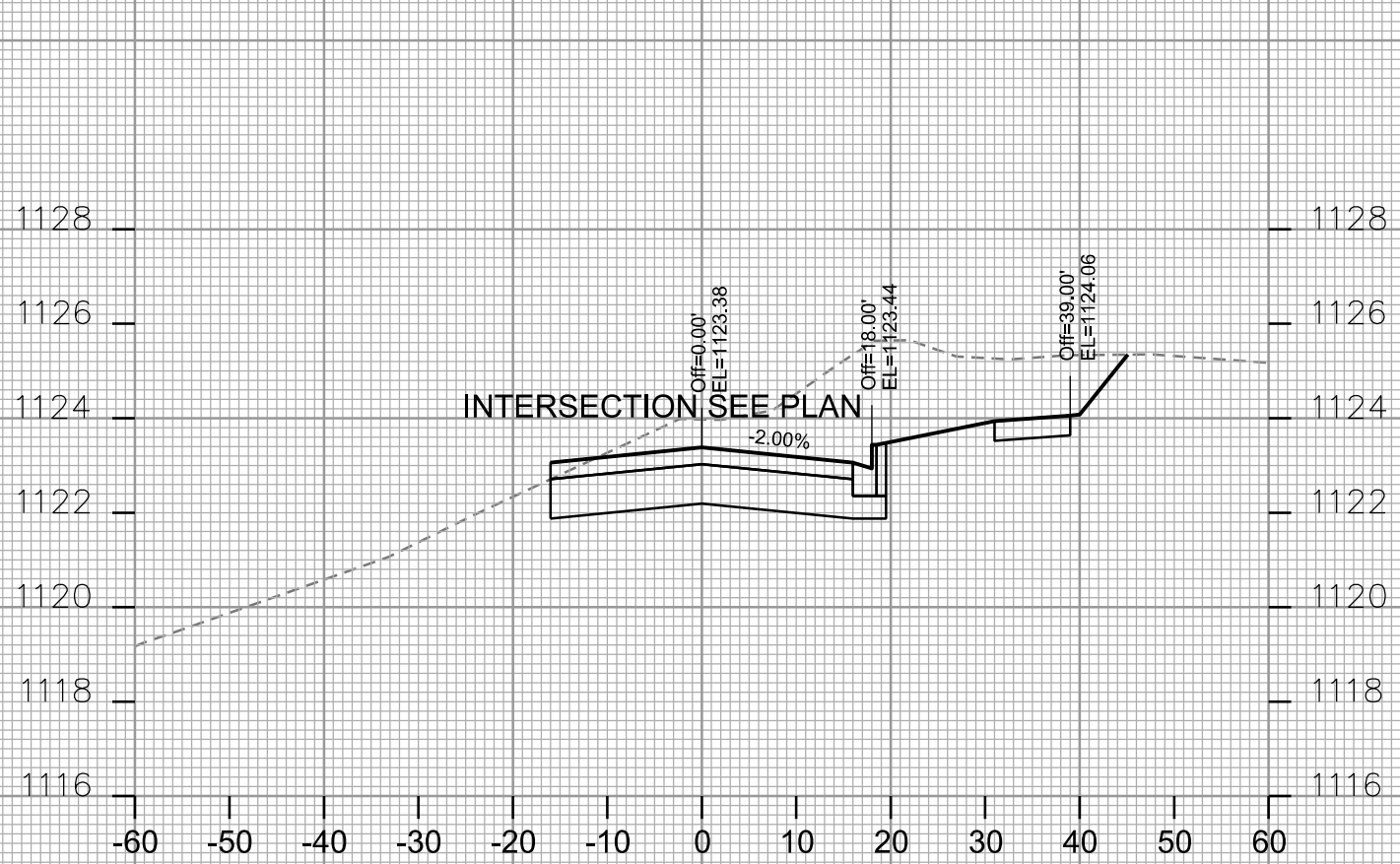
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ORIGINATOR: CITY OF MADISON - STREETS DIVISION



CROSS SECTIONS
WILRICH STREET CITY OF MADISON



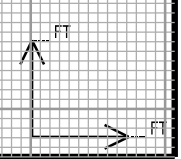
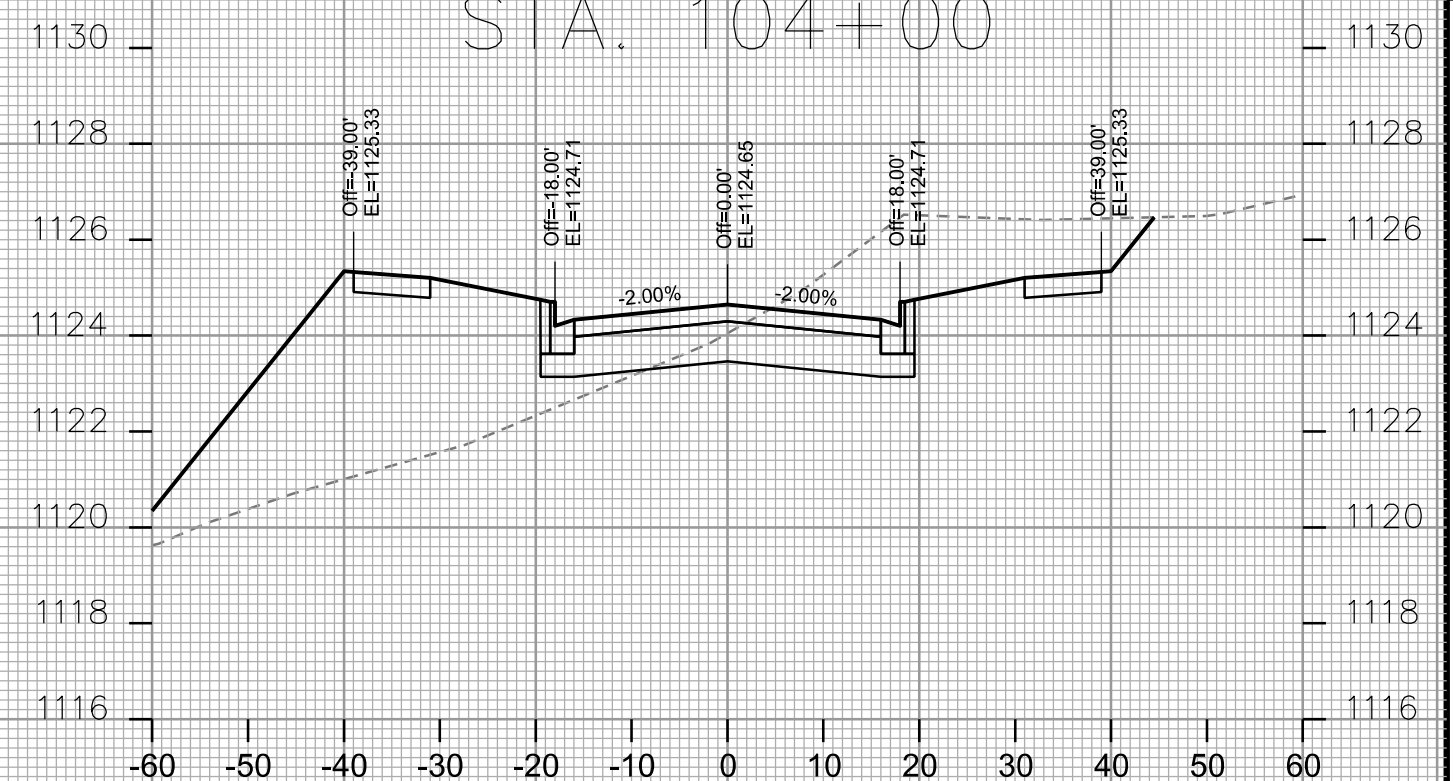
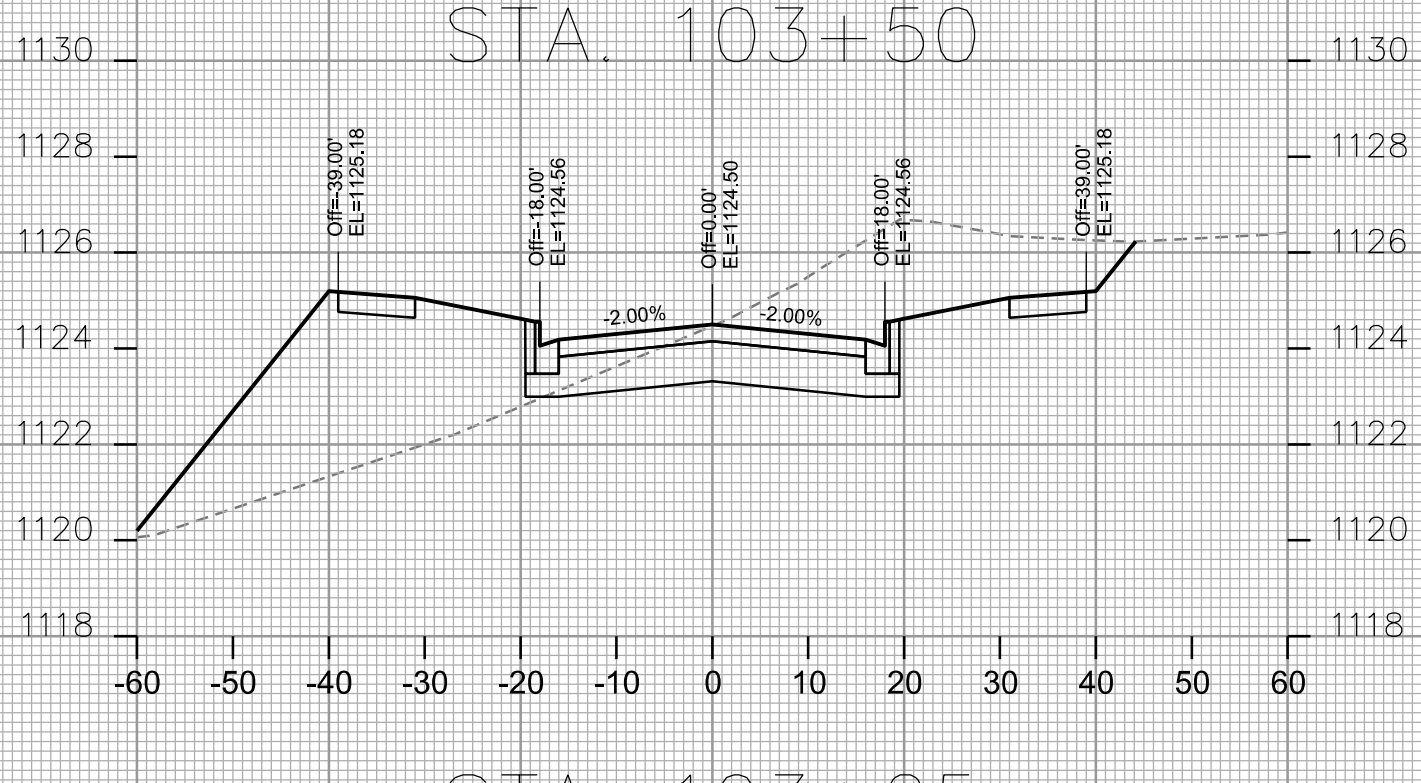
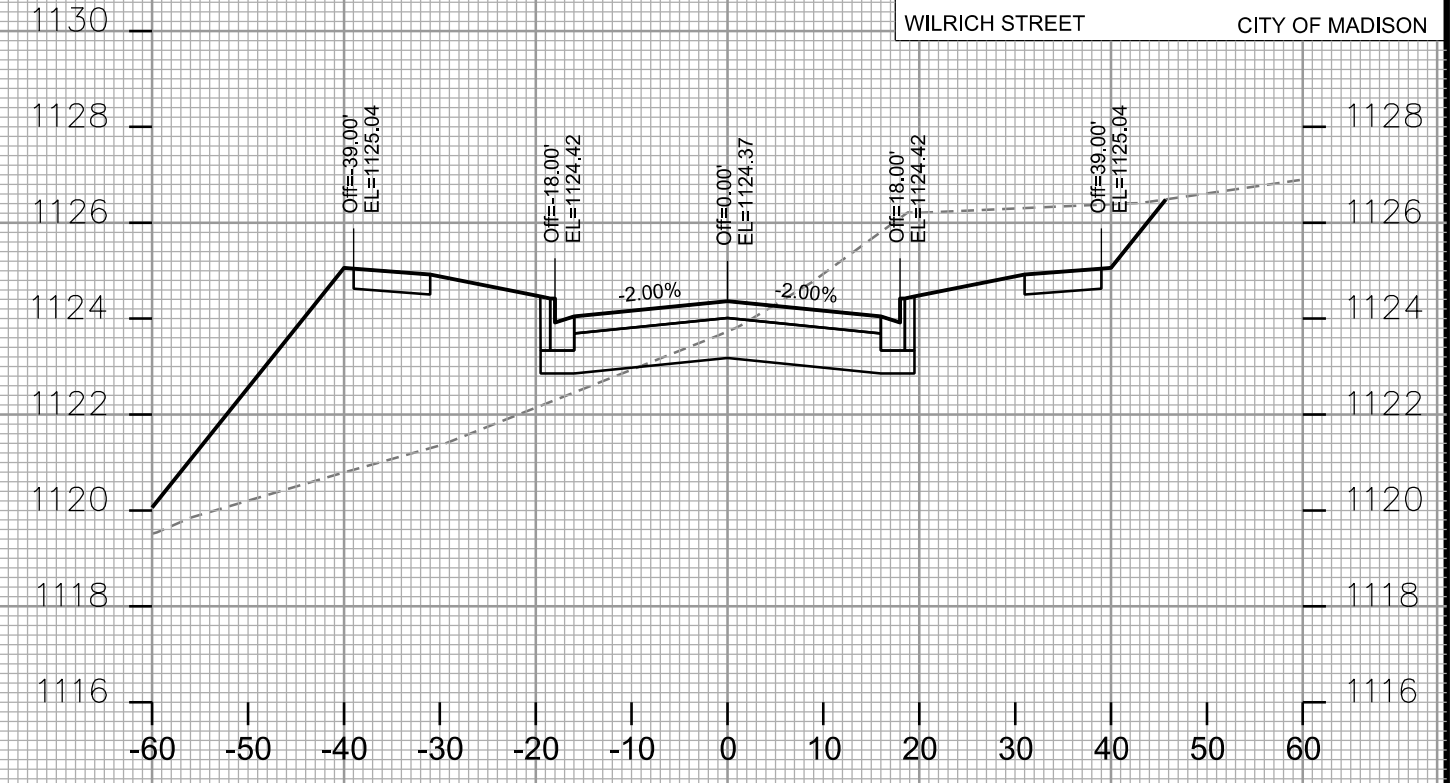
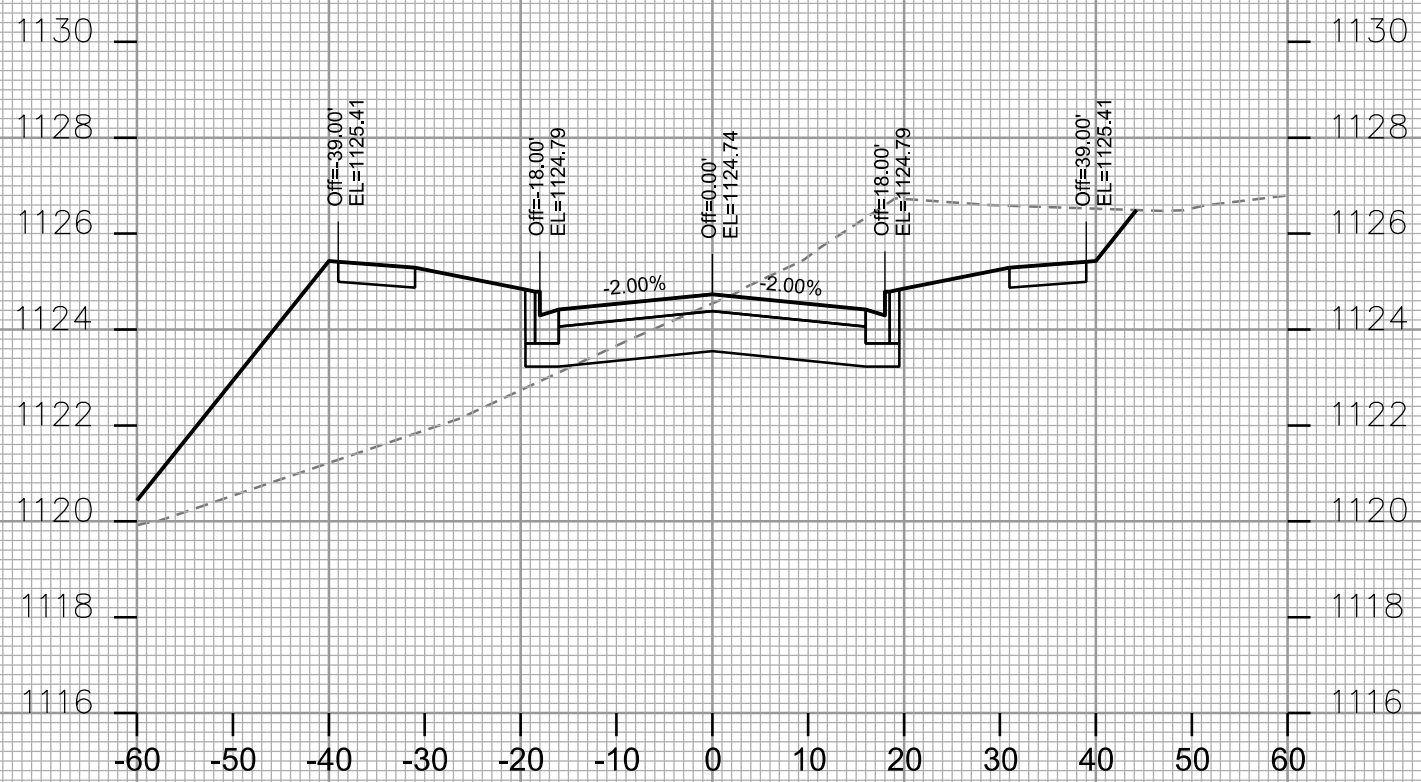
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ORIGINATOR: CITY OF MADISON - STREETS DIVISION

CROSS SECTIONS
WILRICH STREET CITY OF MADISON

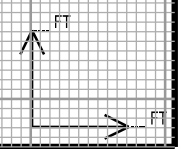
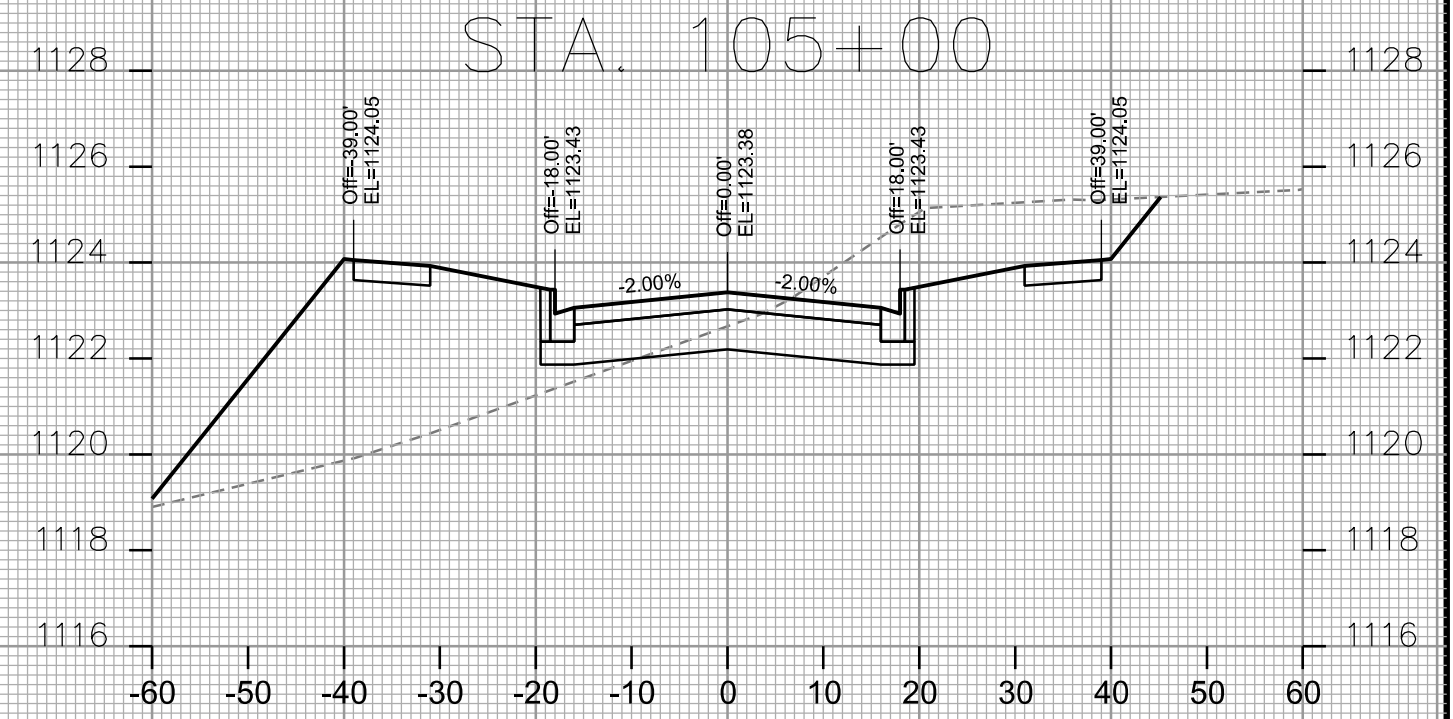
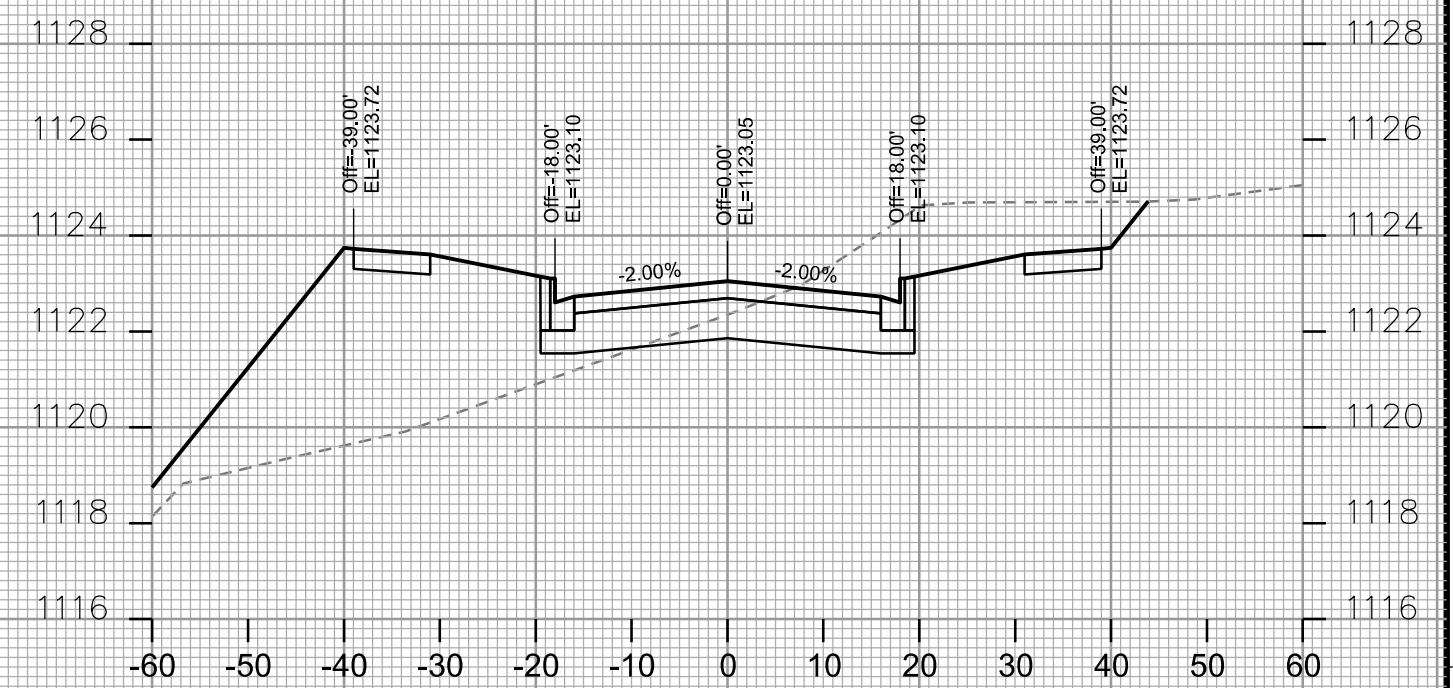
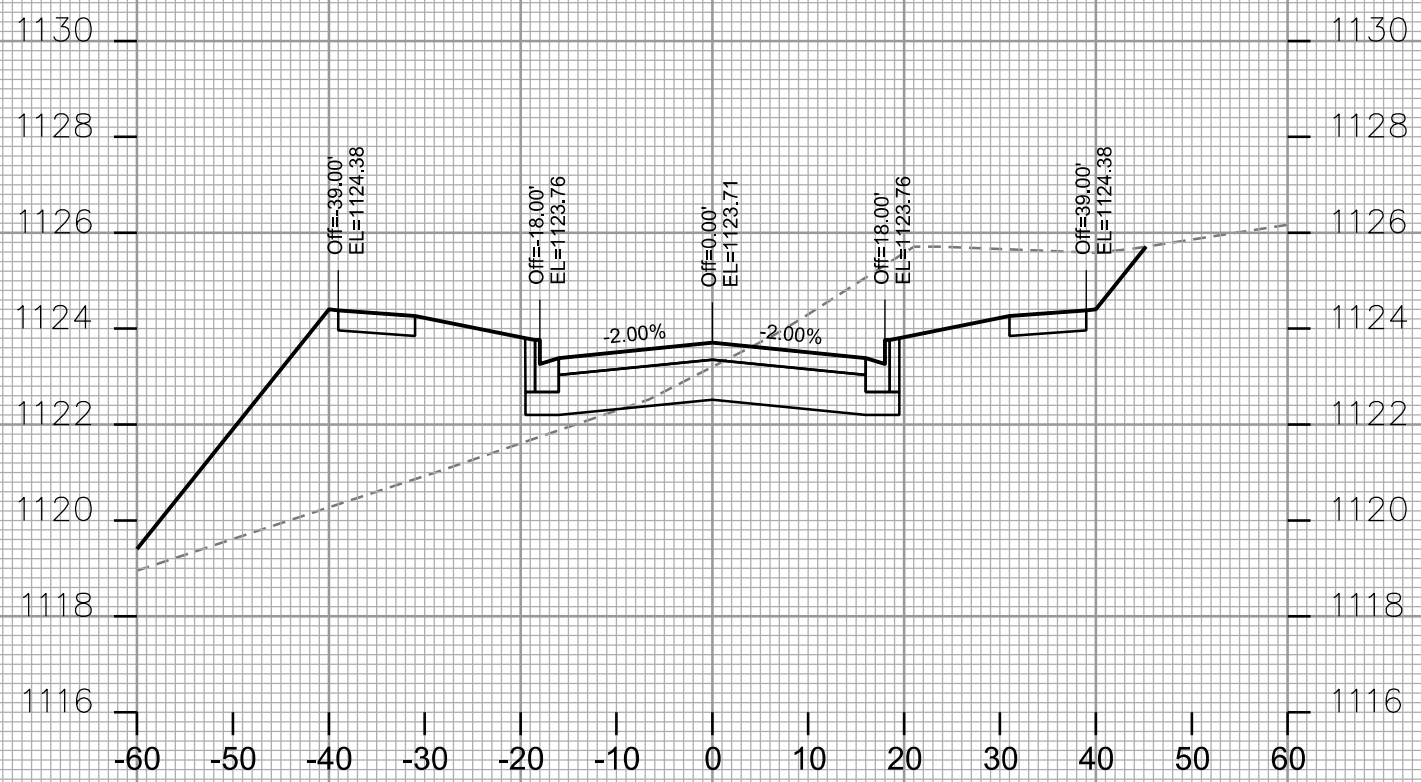


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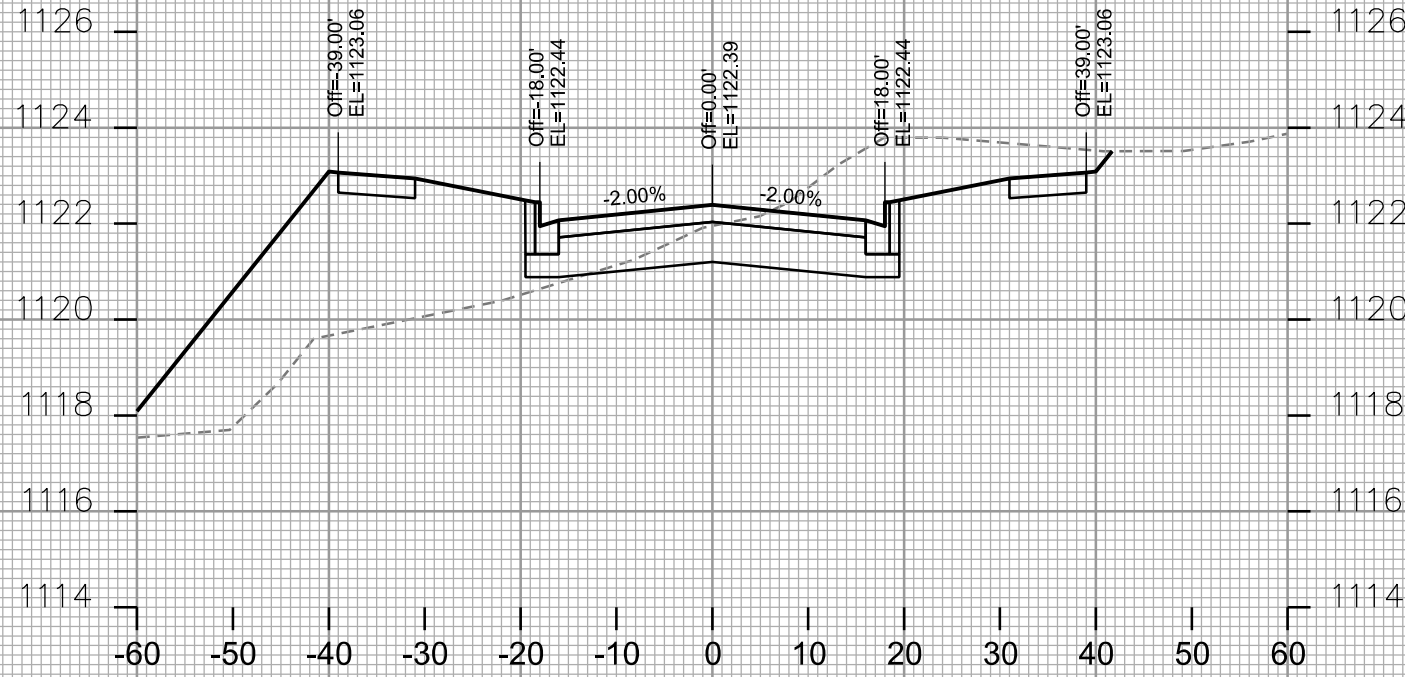
ORIGINATOR: CITY OF MADISON - STREETS DIVISION



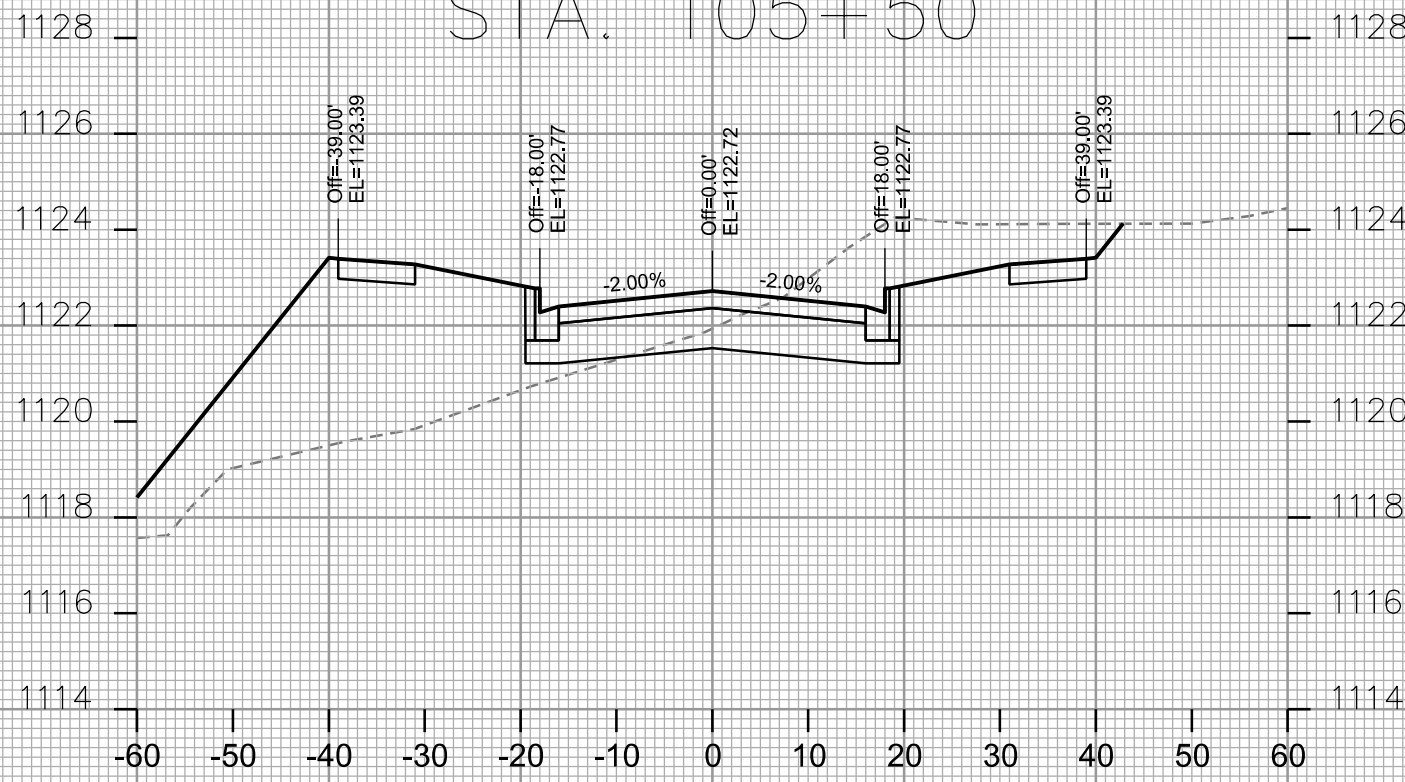
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REV. DATE: _____

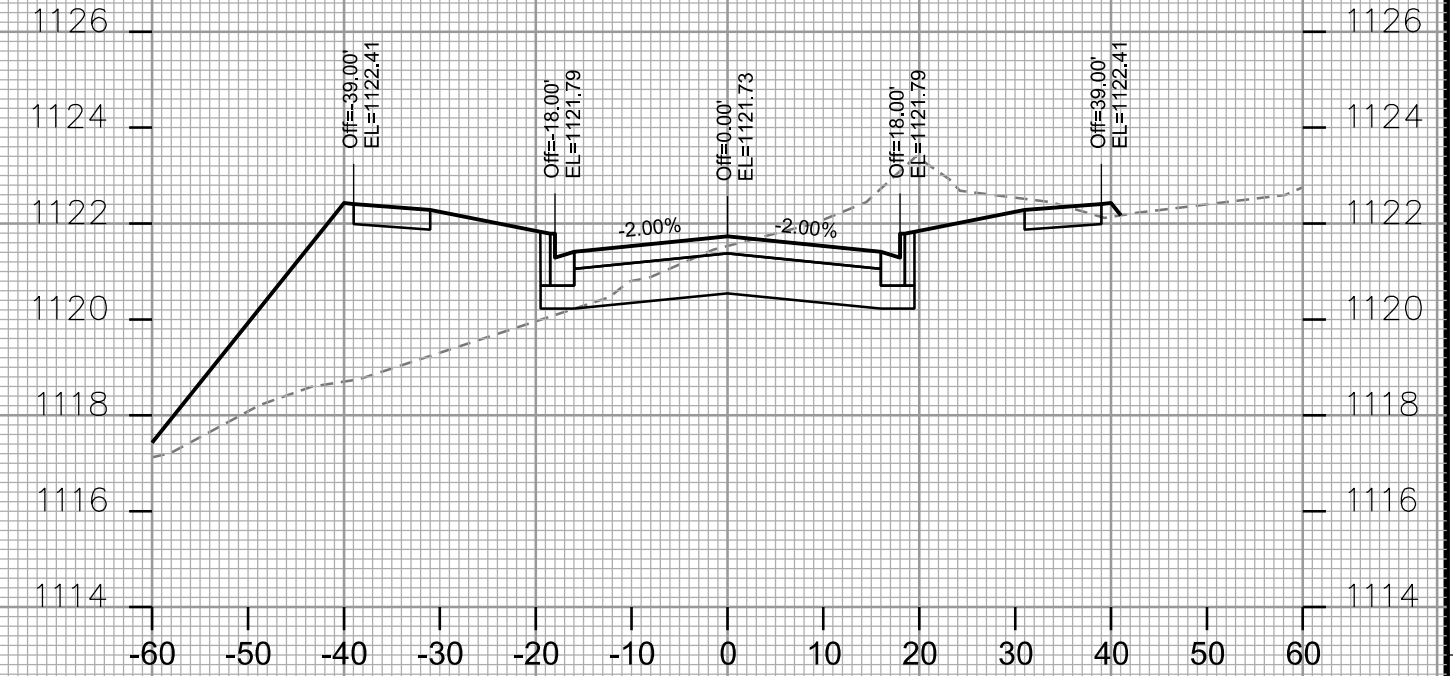
ORIGINATOR: CITY OF MADISON - STREETS DIVISION



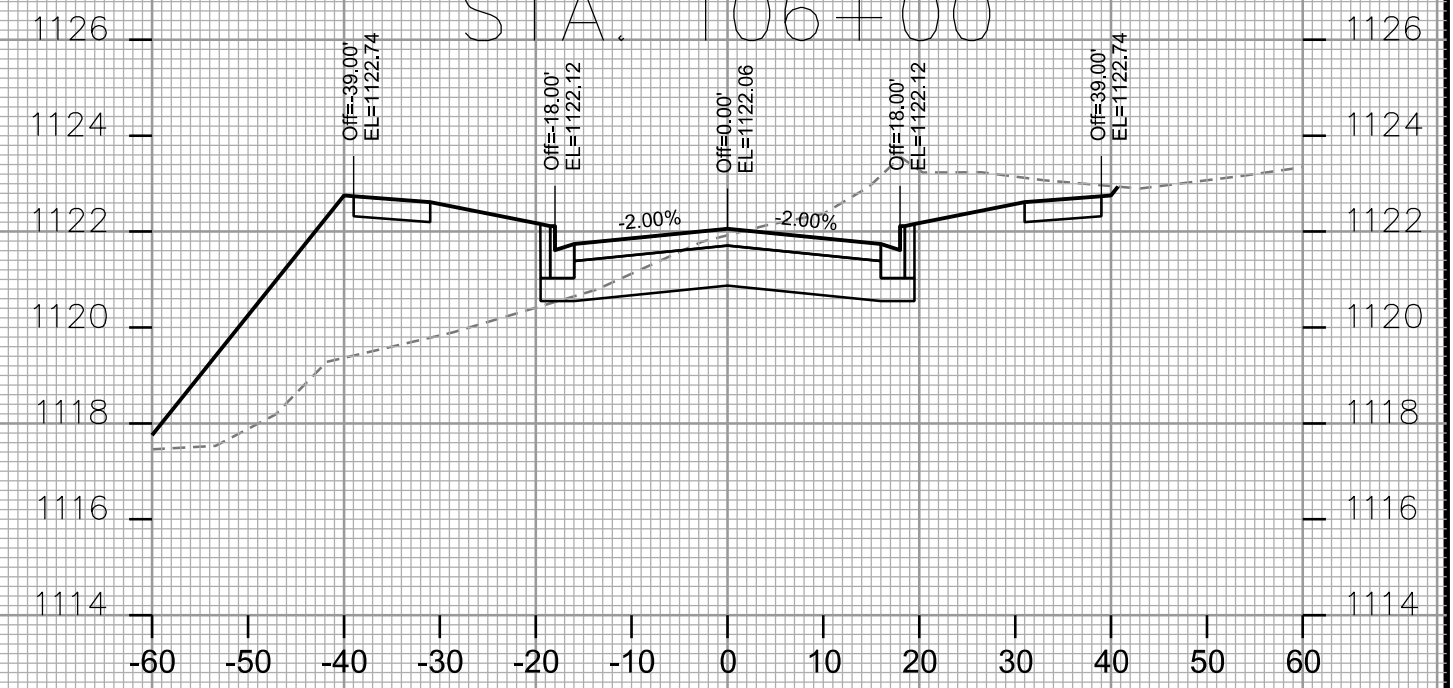
STA. 105+50



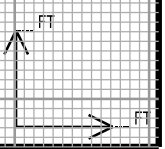
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STA. 106+00



STA. 105+75



PLOT SCALE: _____
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REV. DATE: _____

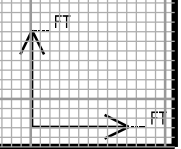
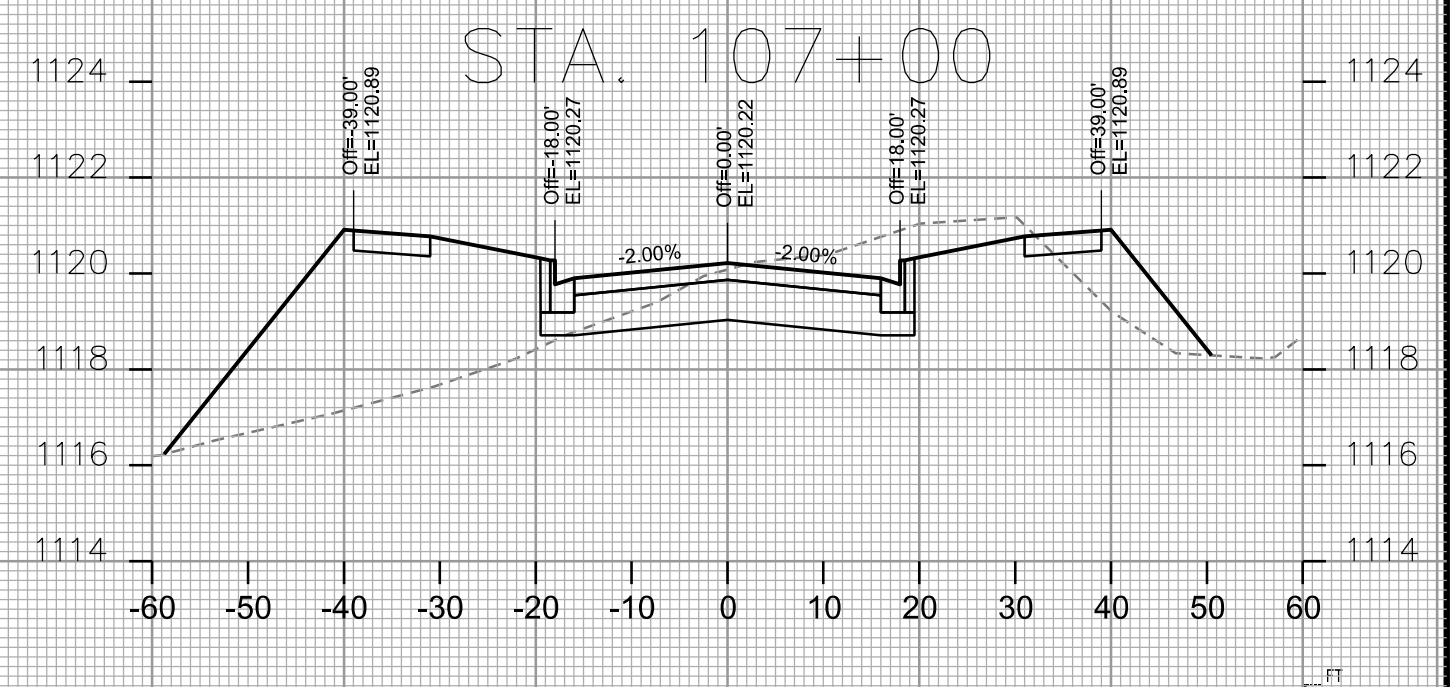
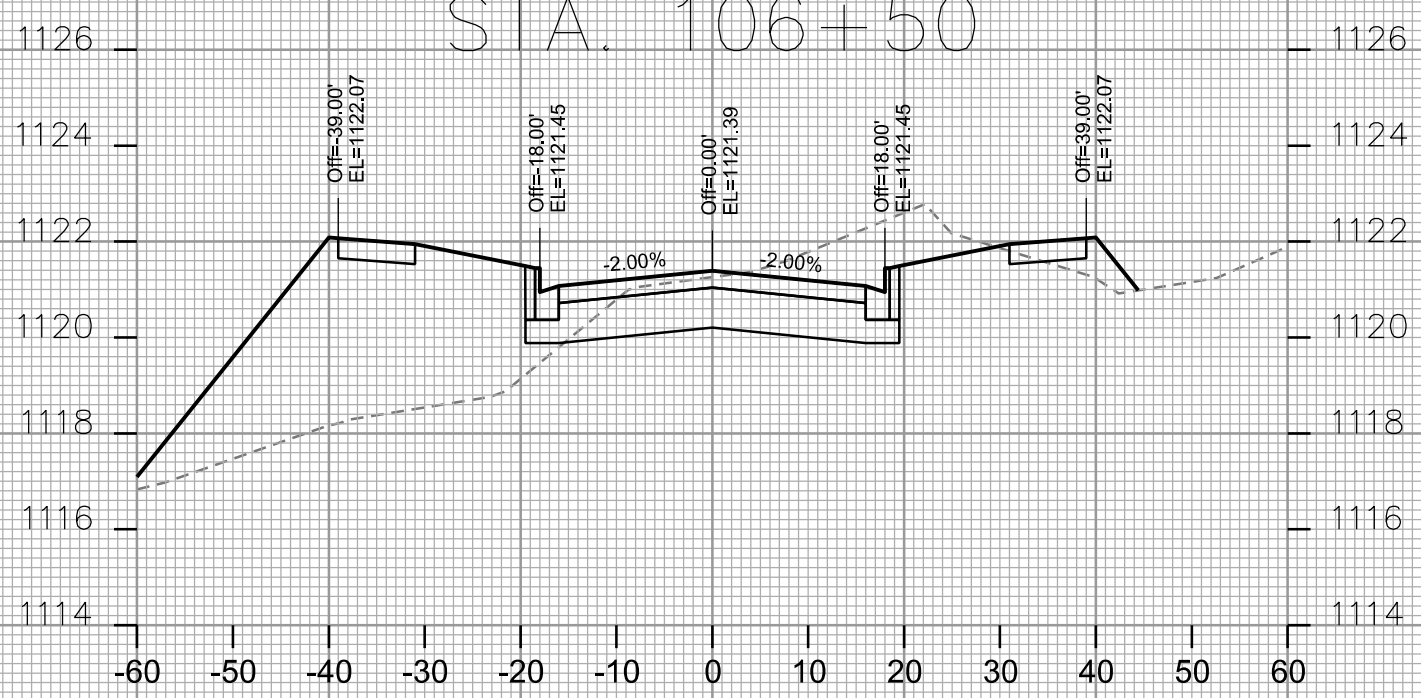
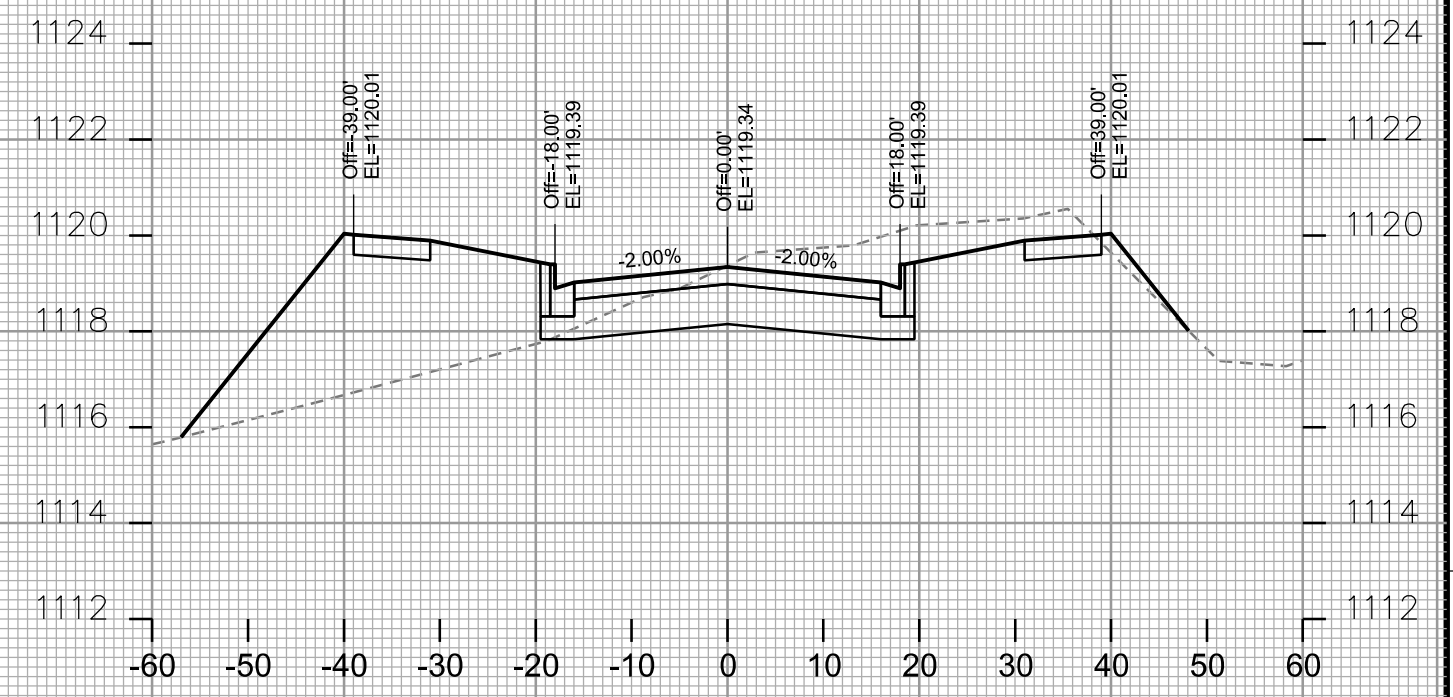
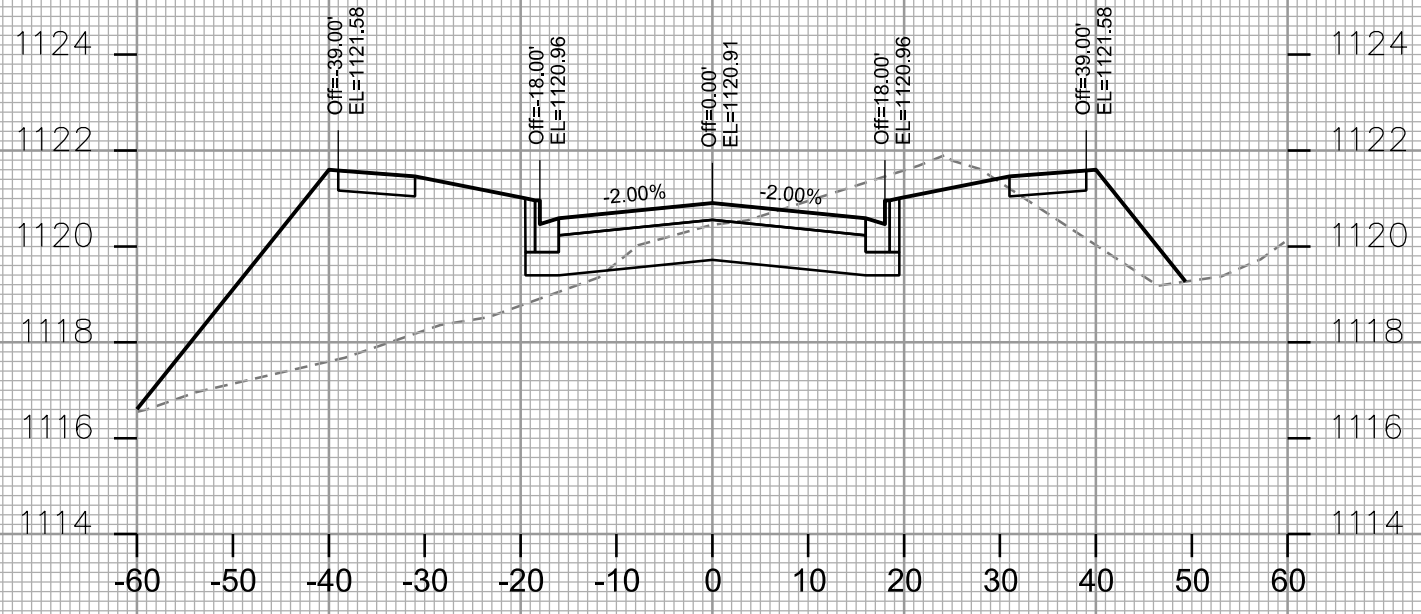
ORIGINATOR: CITY OF MADISON - STREETS DIVISION

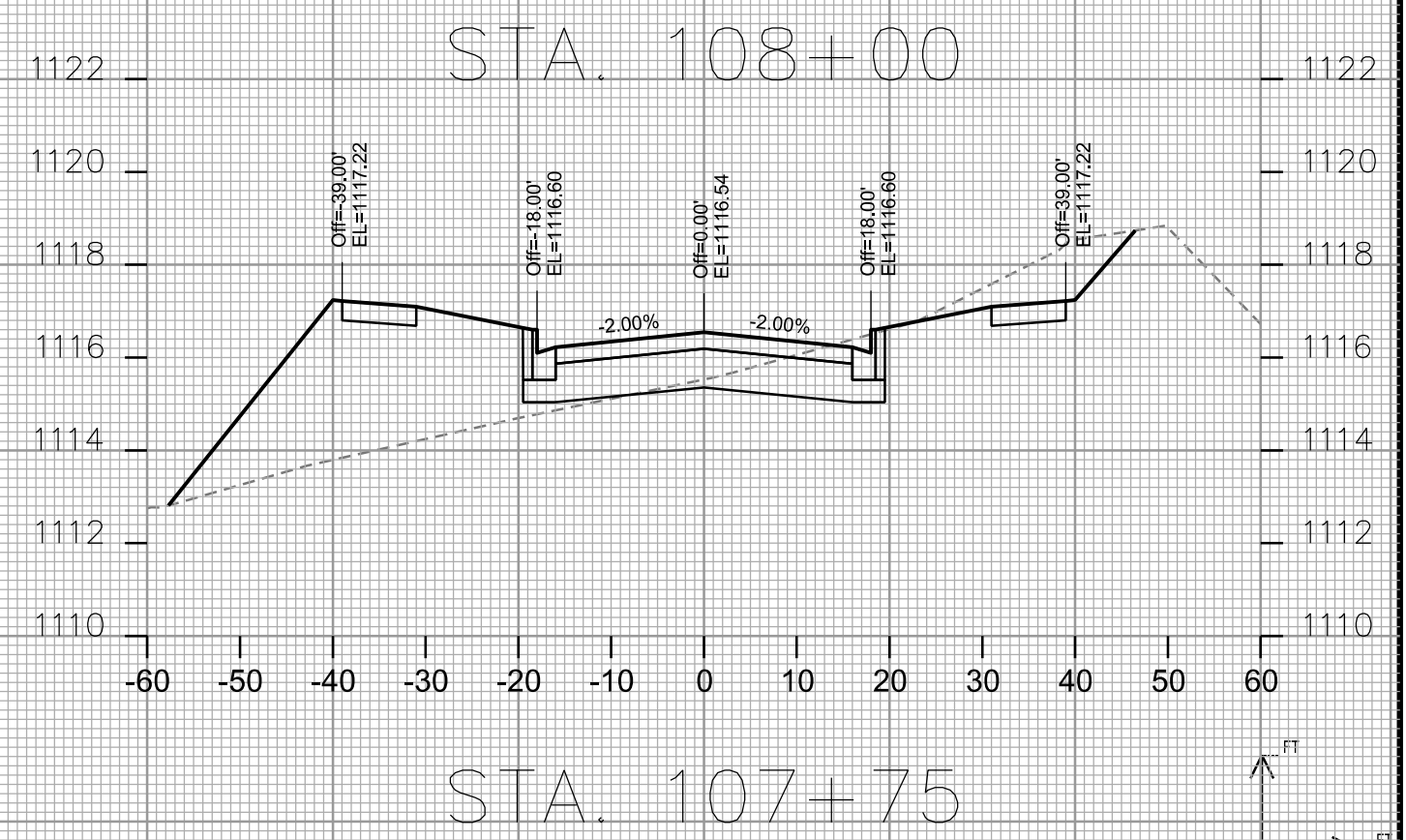
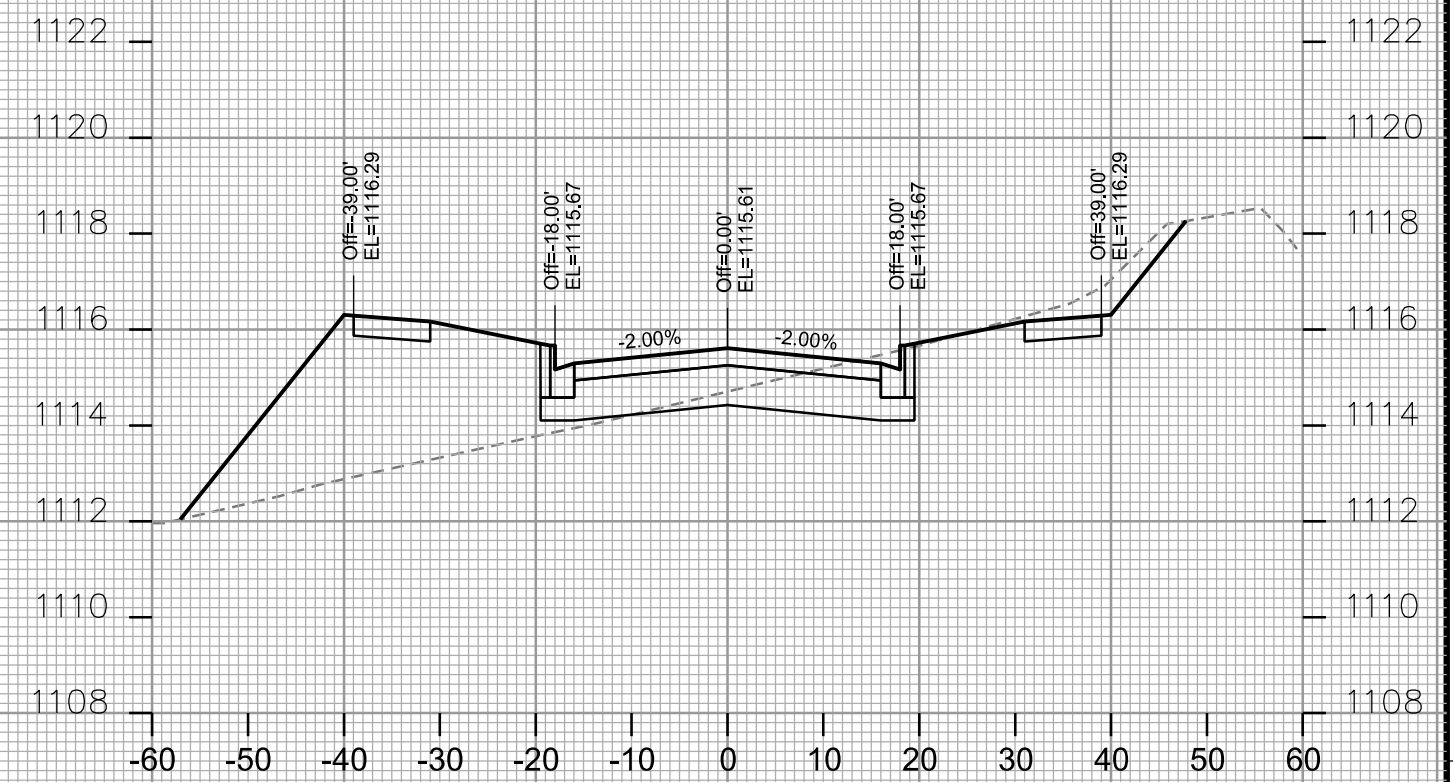
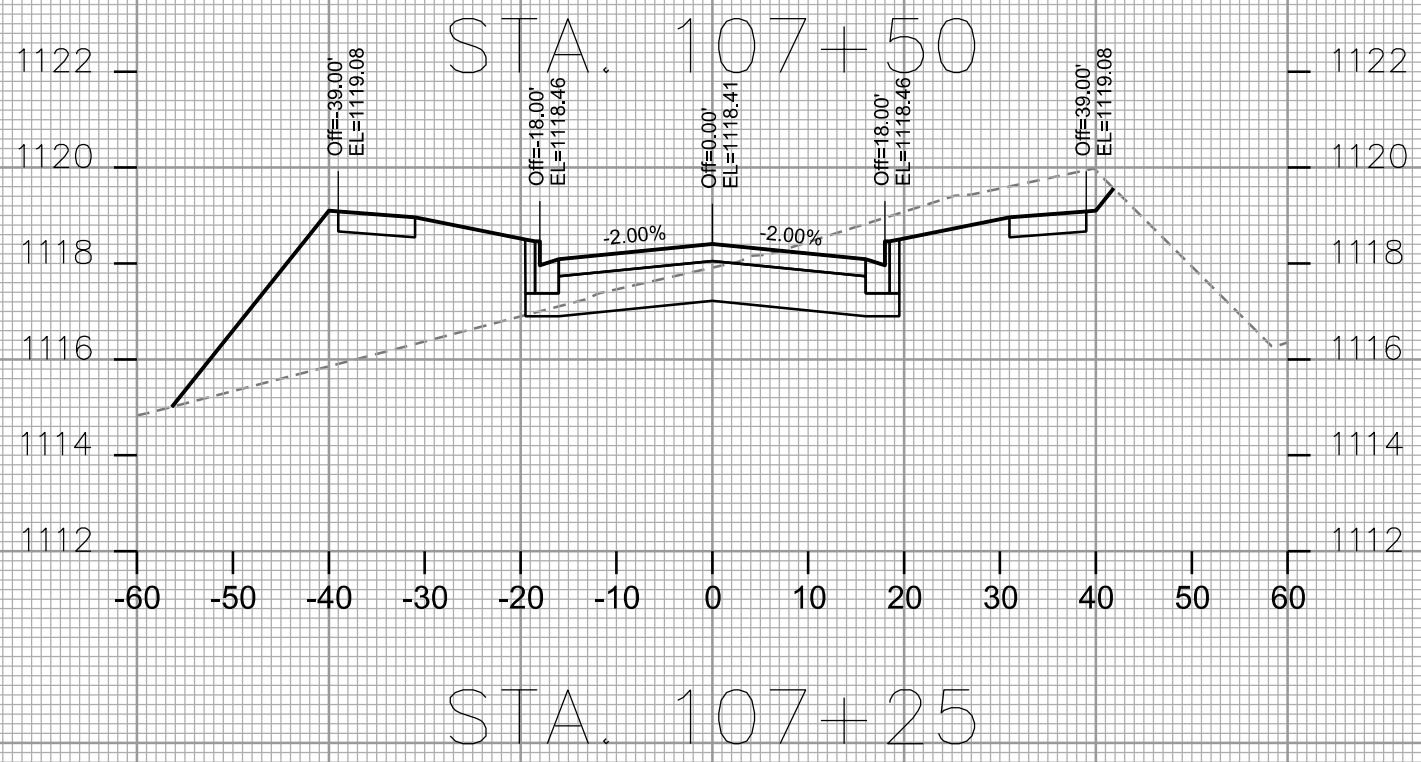
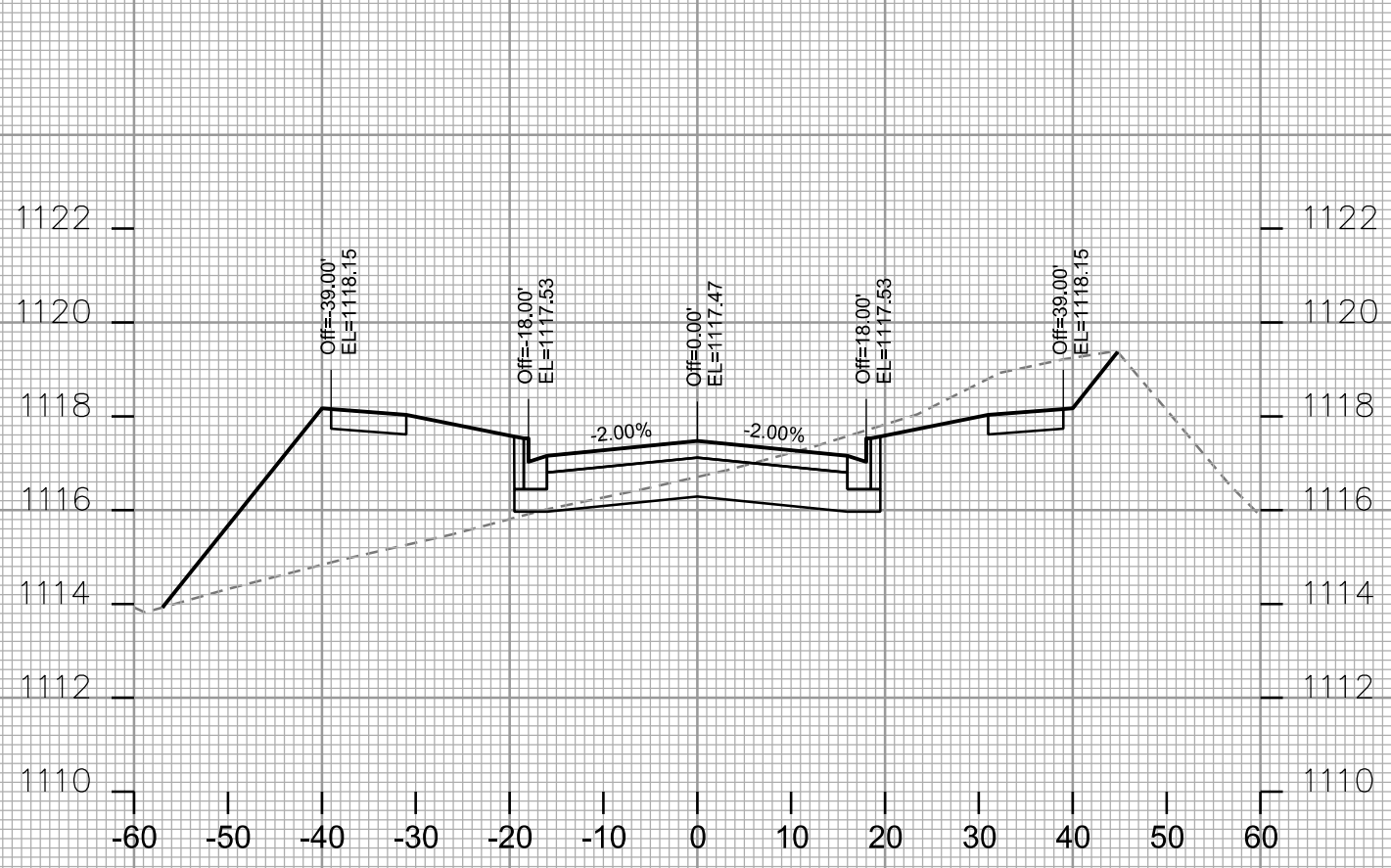
CROSS SECTIONS
 WILRICH STREET CITY OF MADISON

PLOT SCALE: _____
 PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON - STREETS DIVISION



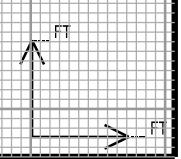


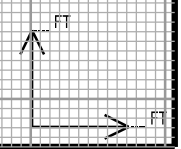
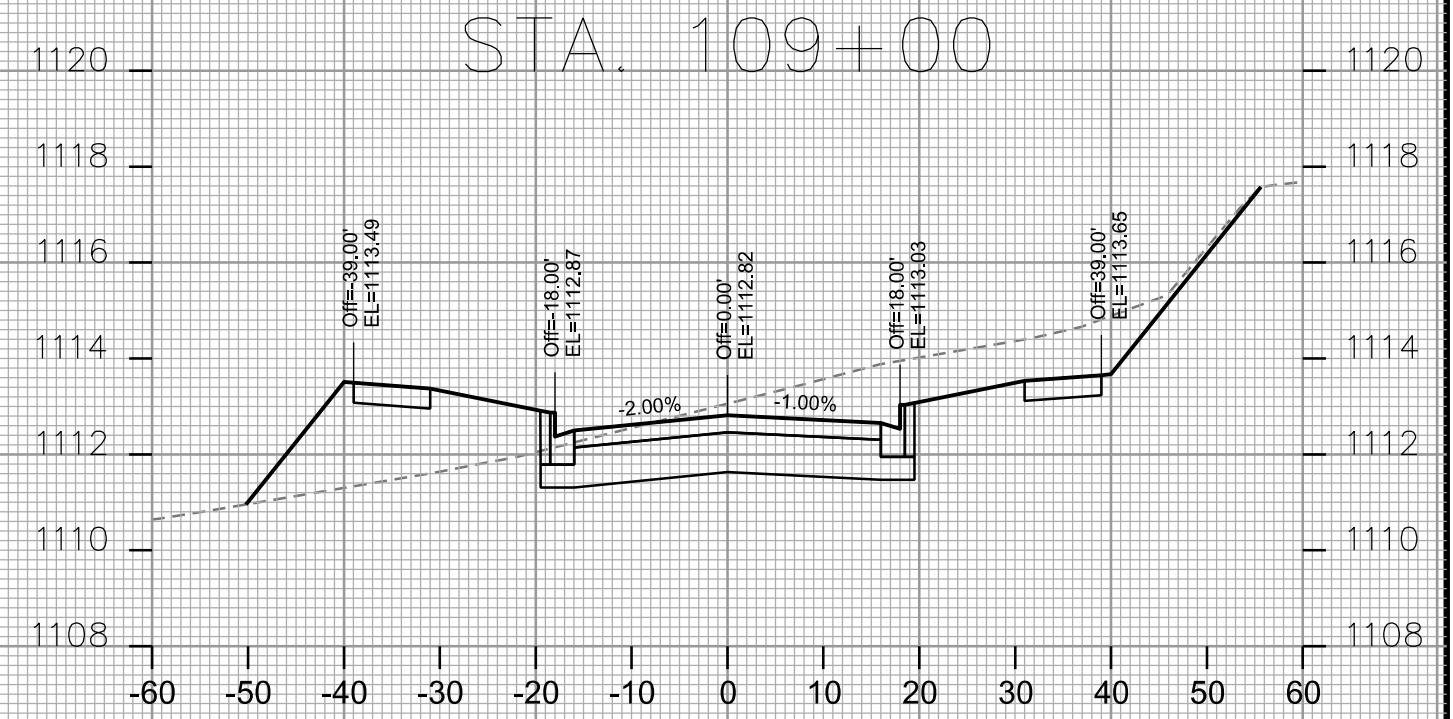
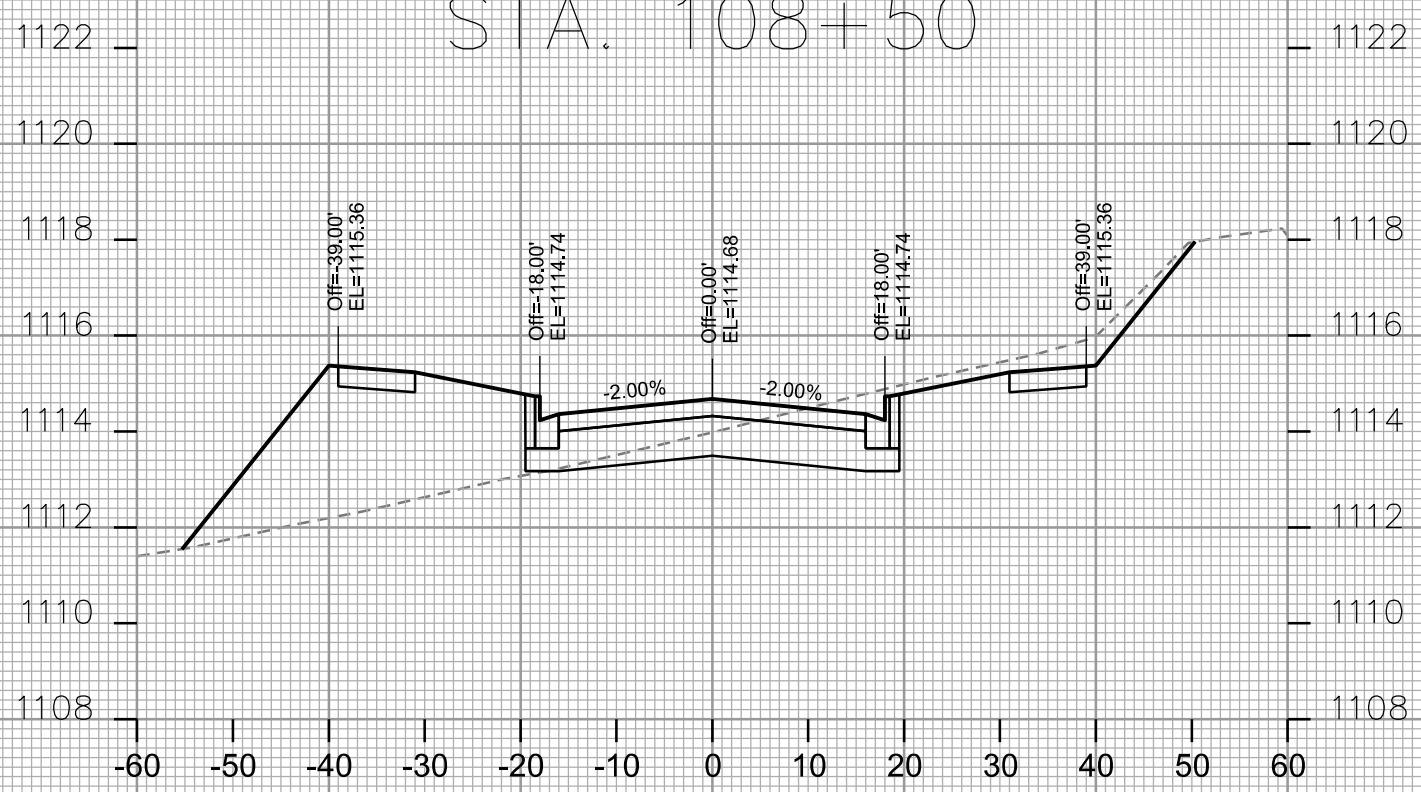
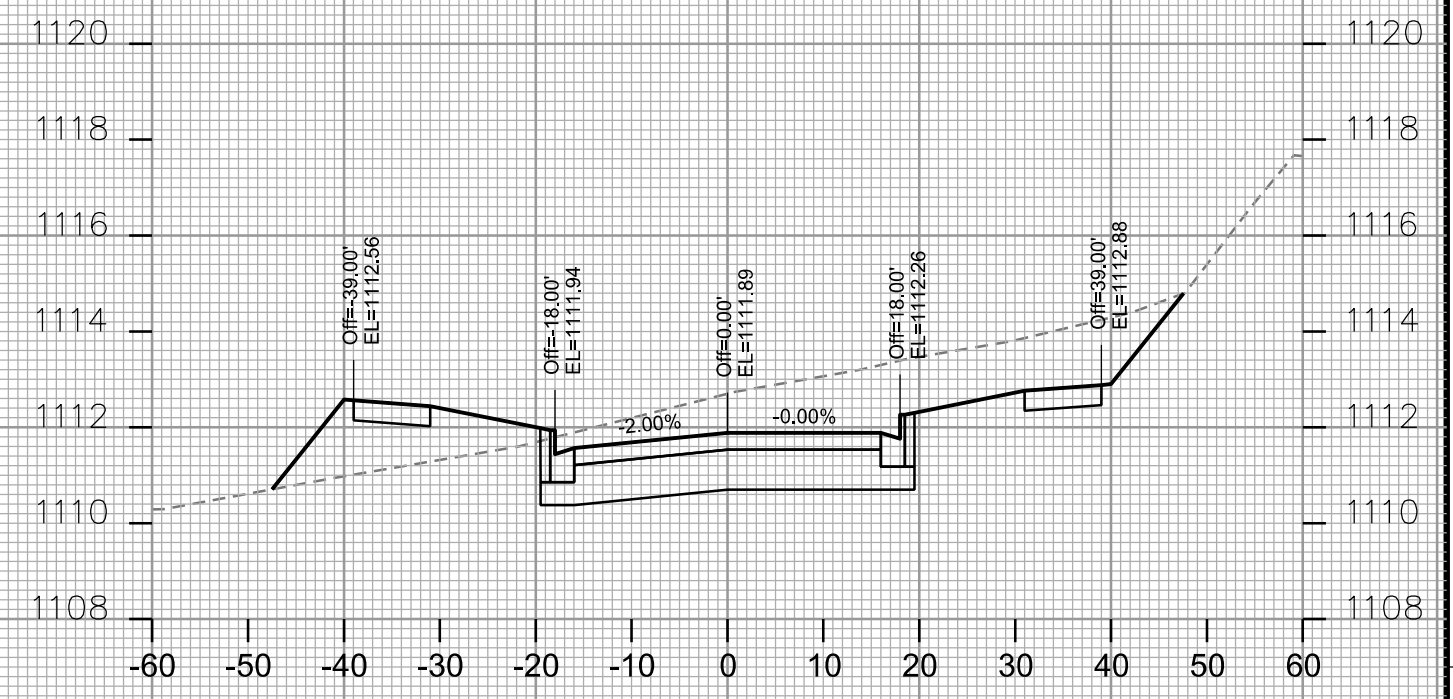
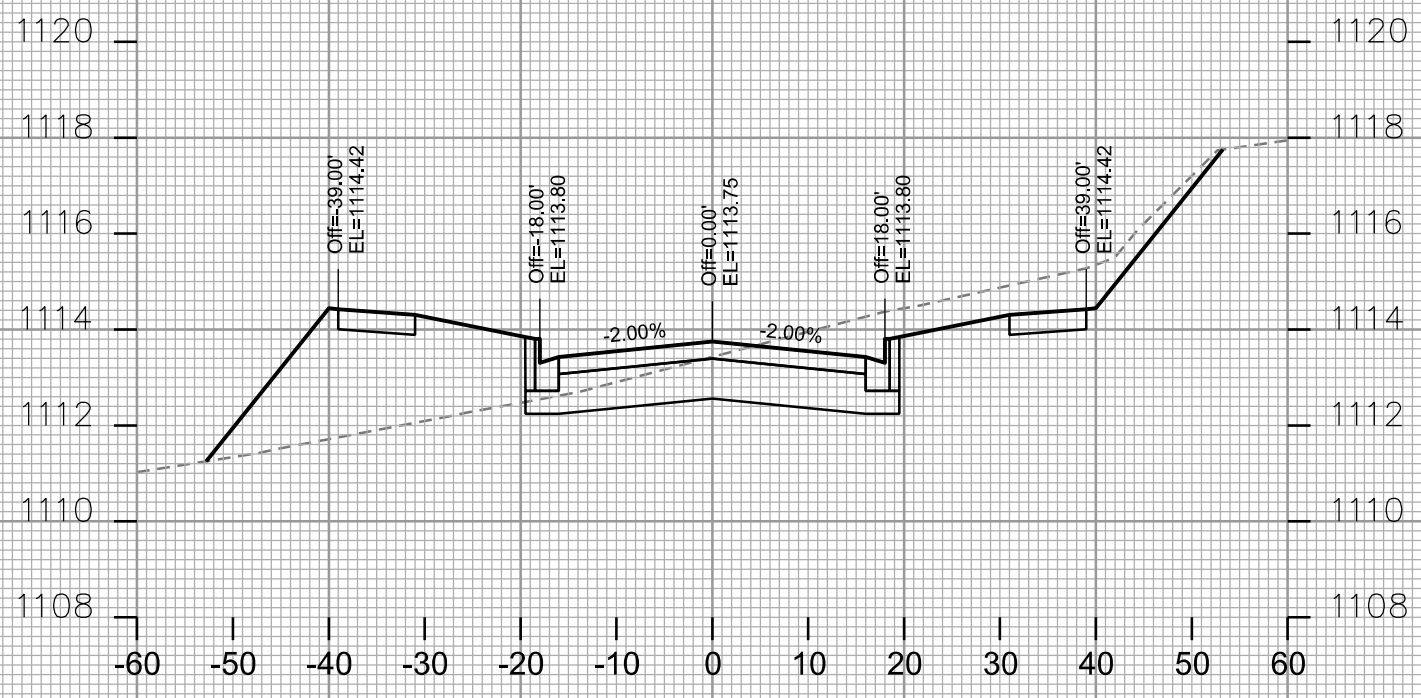
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ORIGINATOR: CITY OF MADISON - STREETS DIVISION





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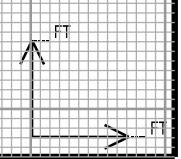
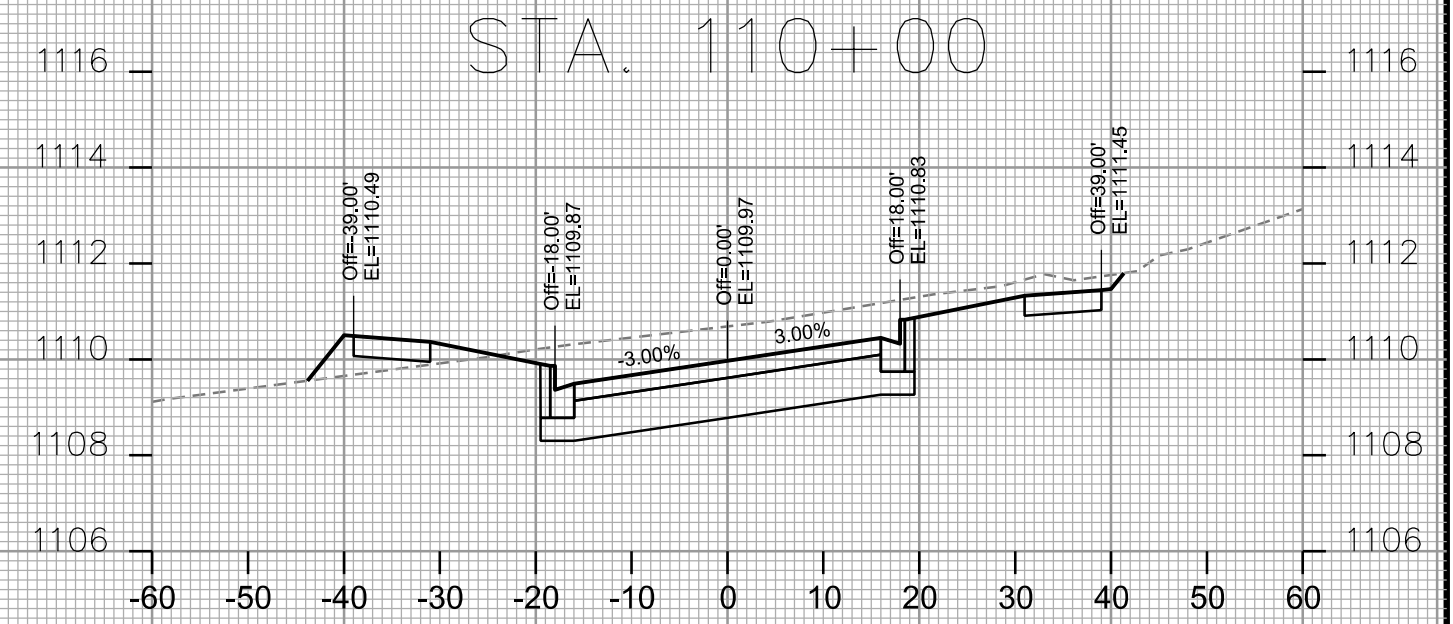
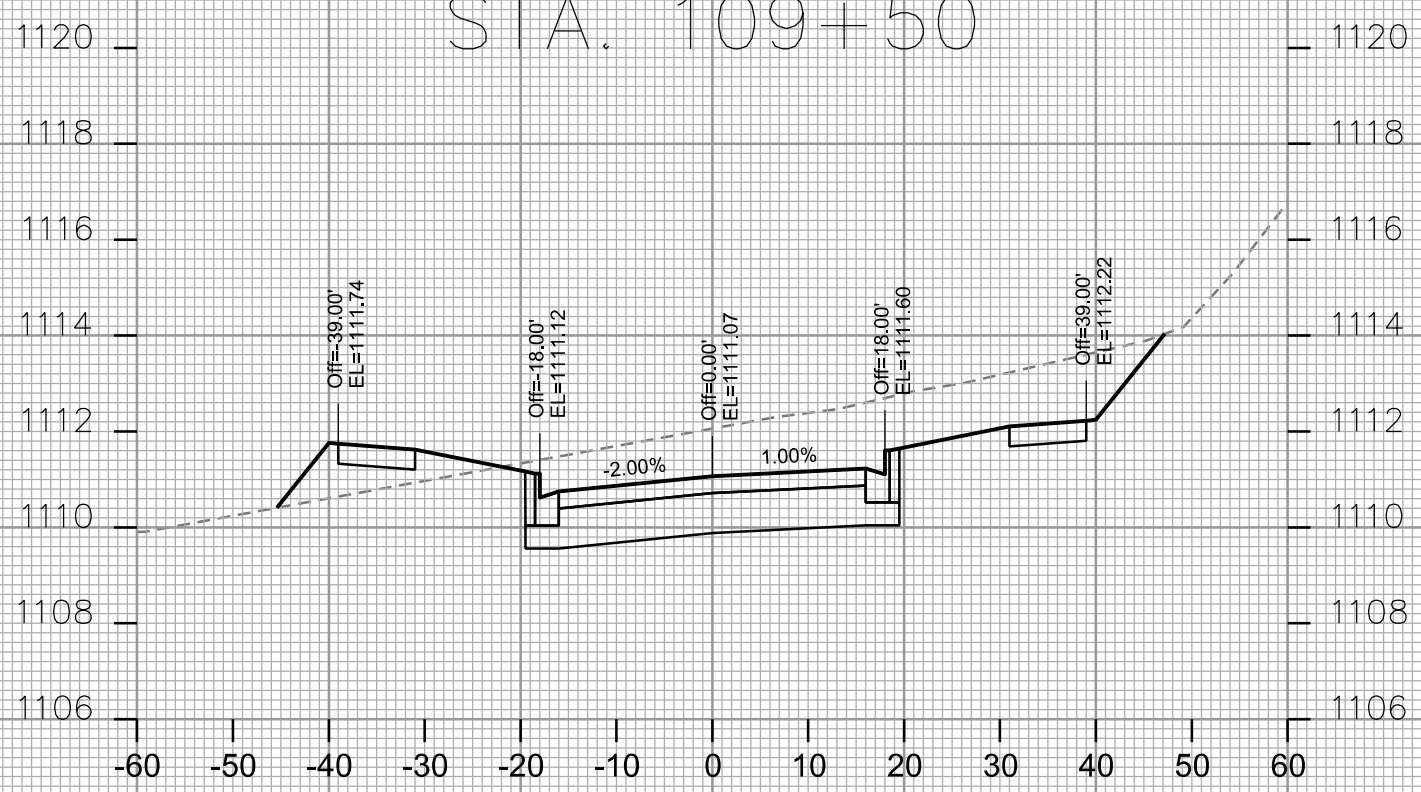
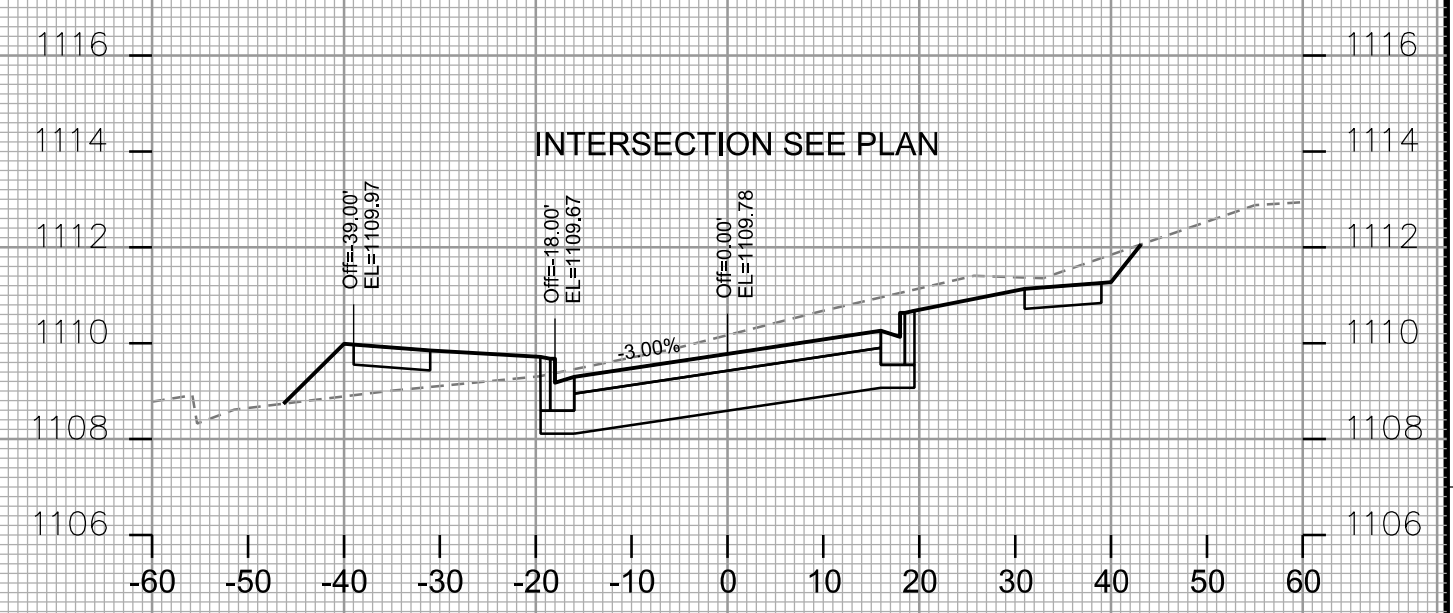
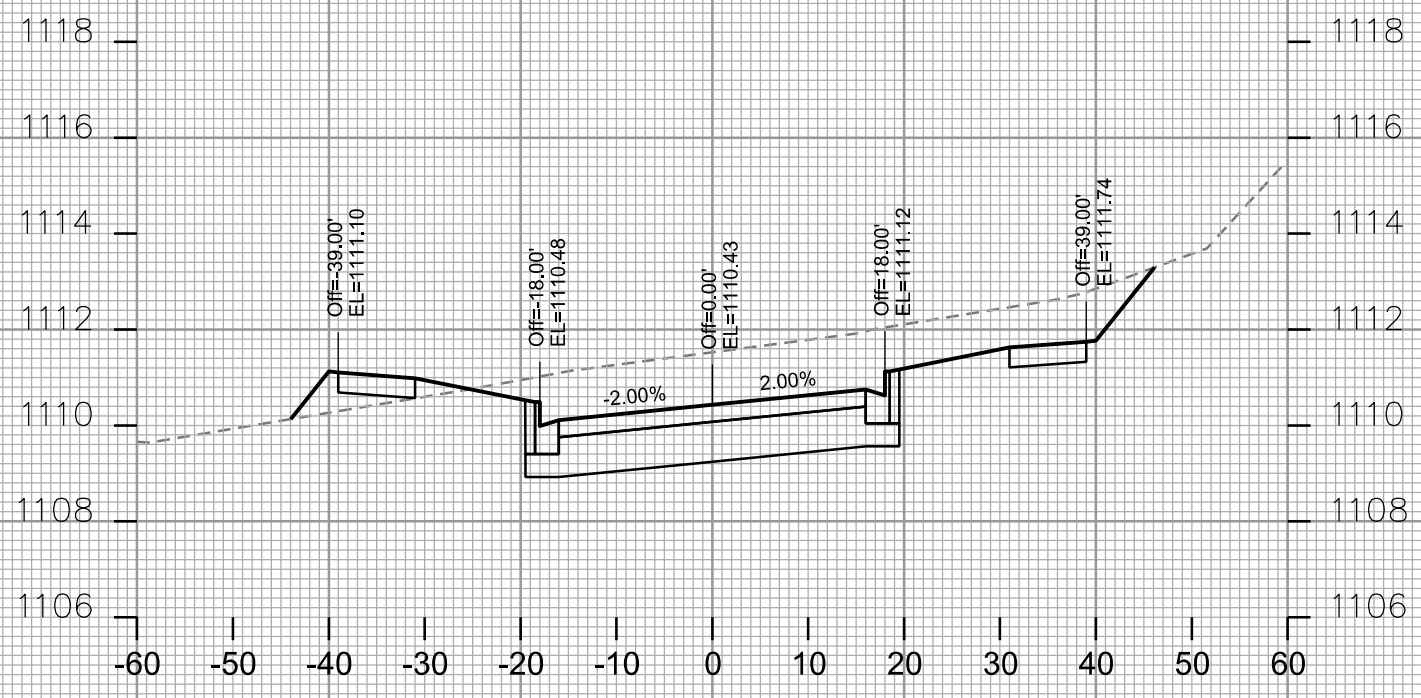
ORIGINATOR: CITY OF MADISON - STREETS DIVISION

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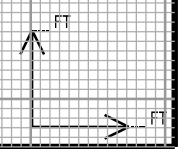
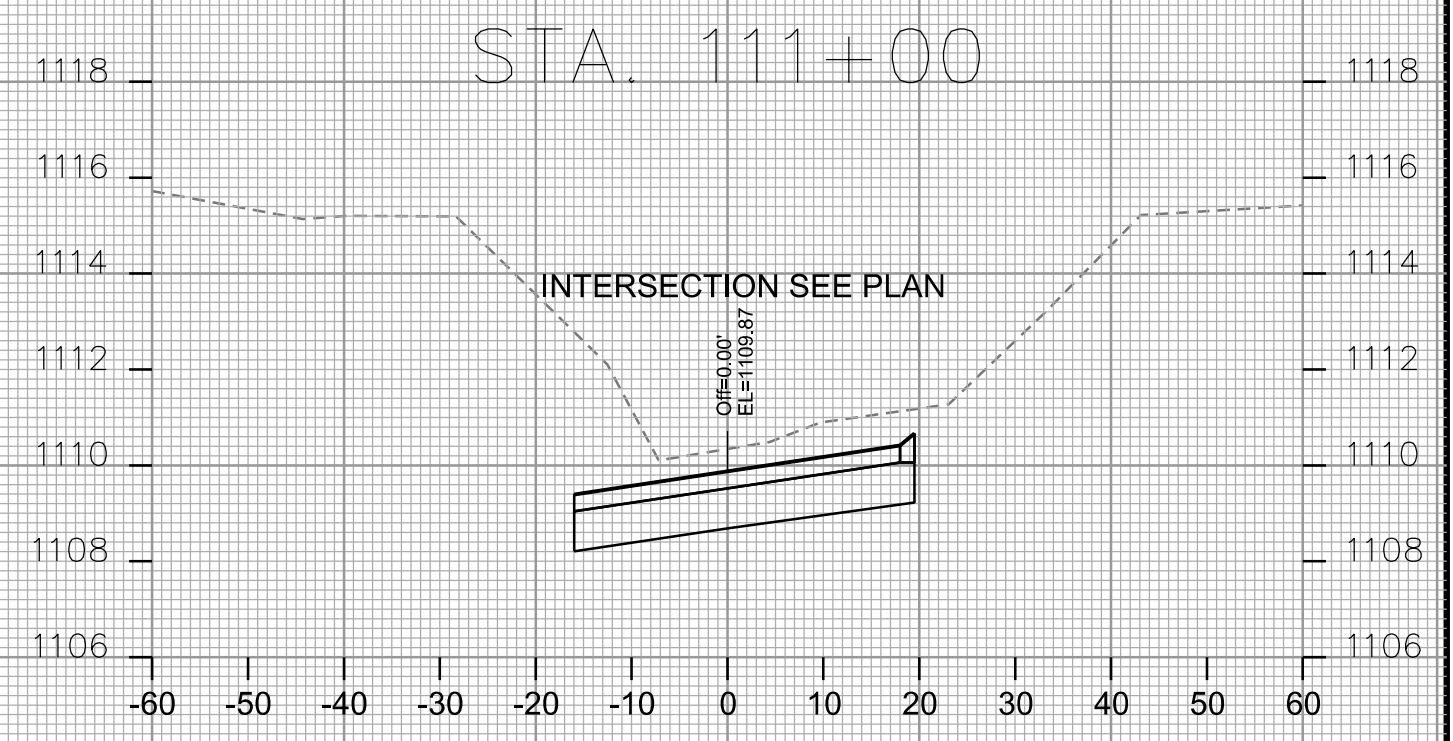
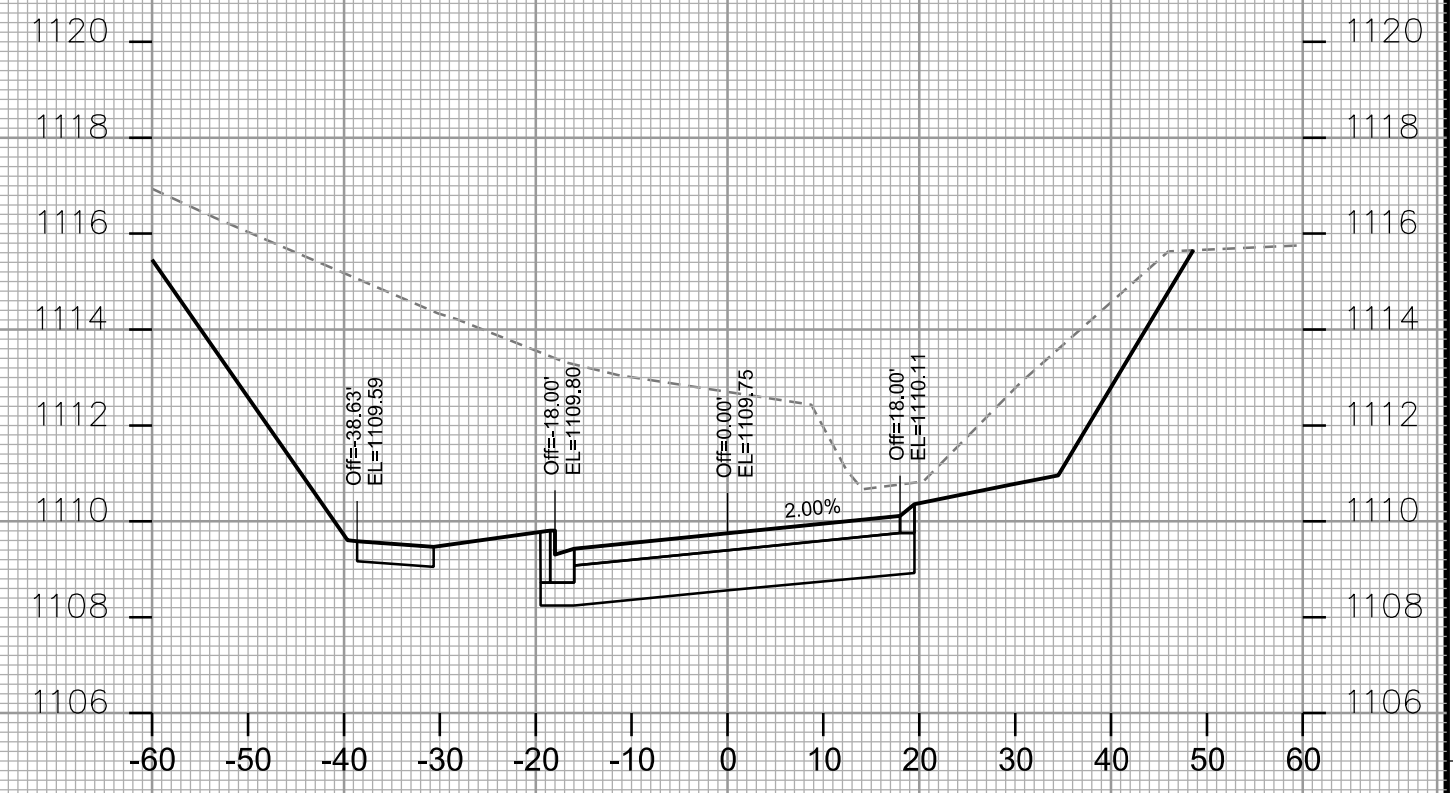
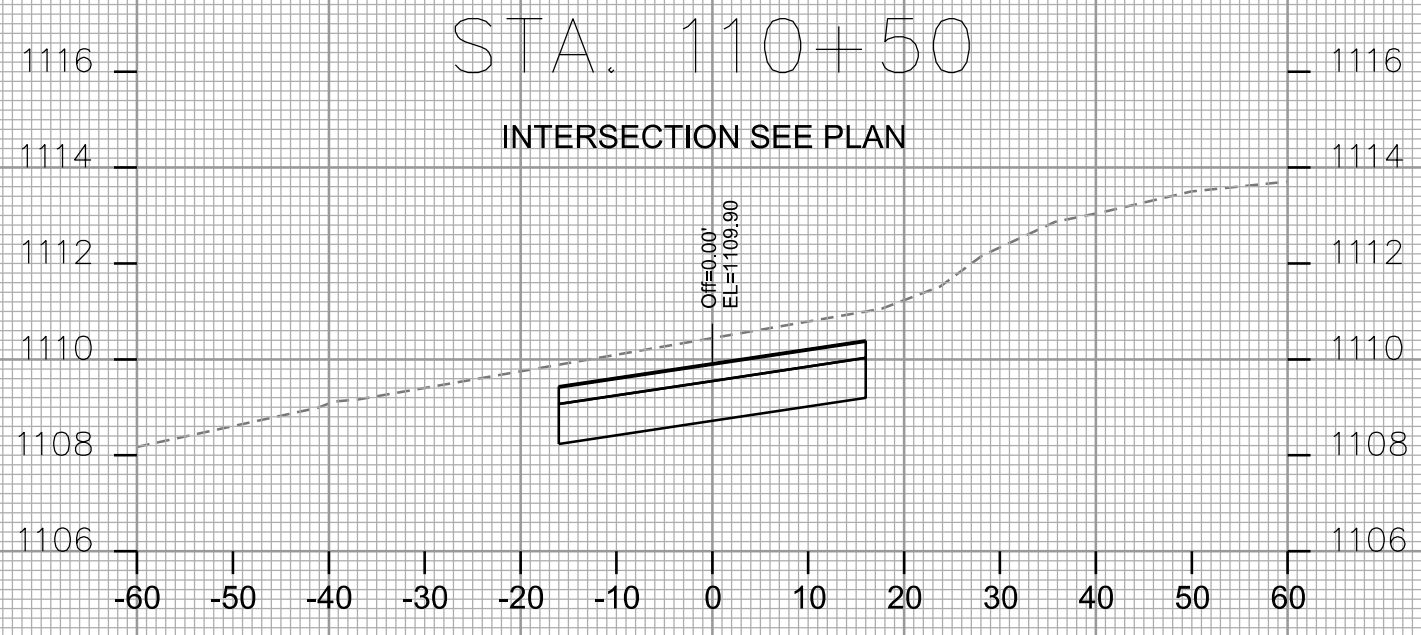
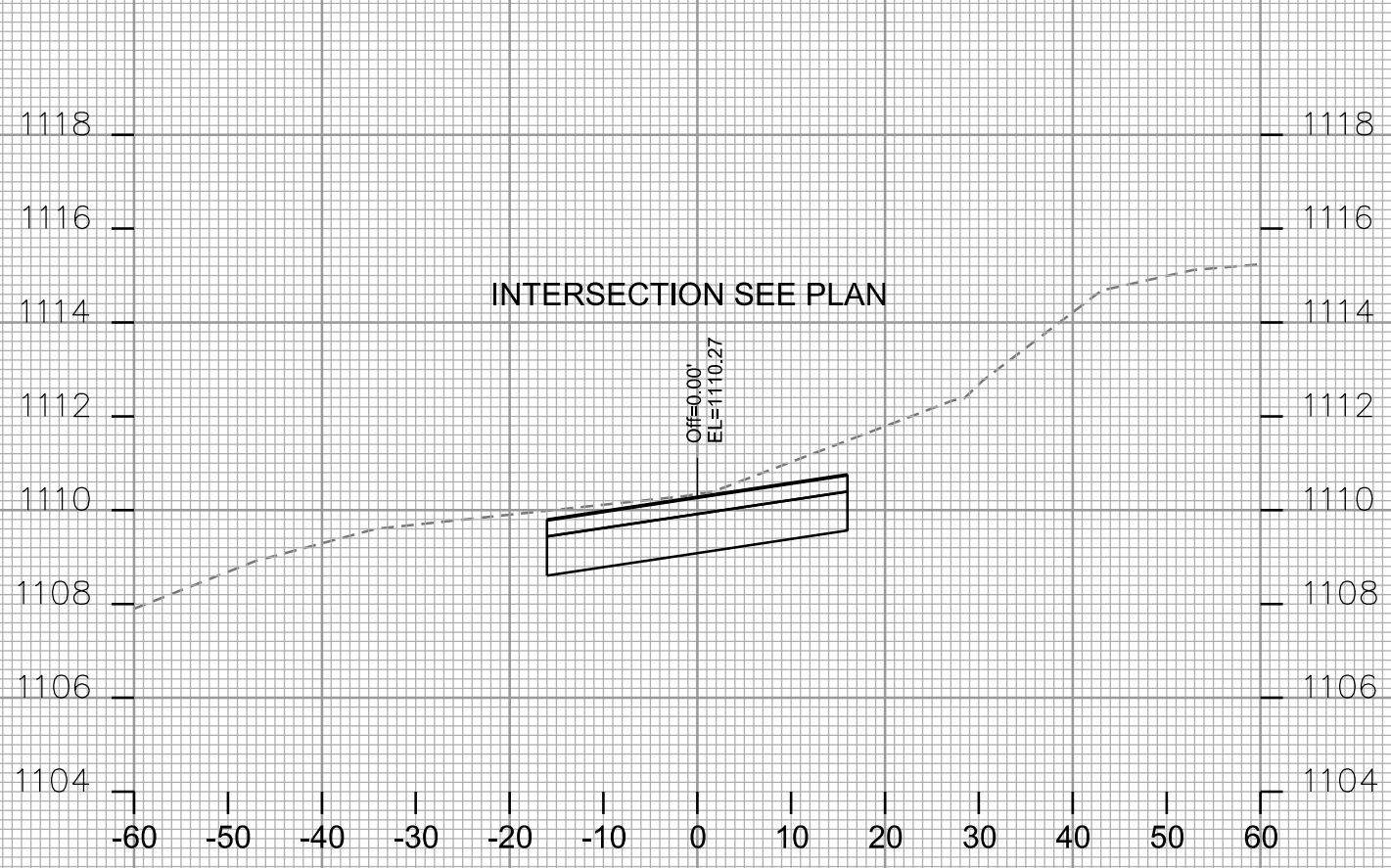
ORIGINATOR: CITY OF MADISON - STREETS DIVISION



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ORIGINATOR: CITY OF MADISON - STREETS DIVISION

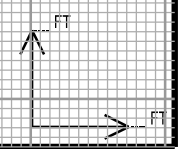
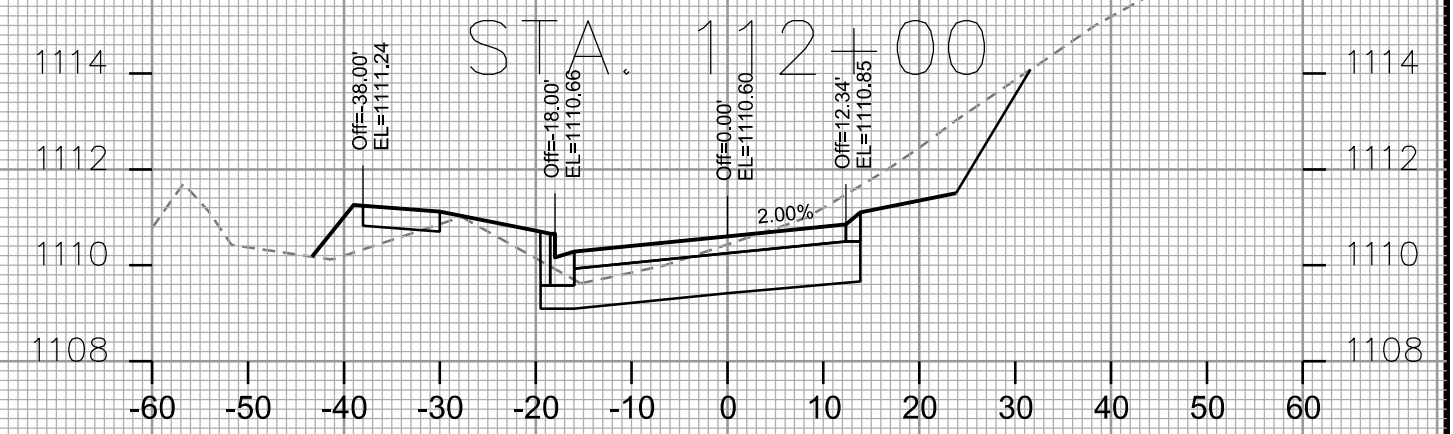
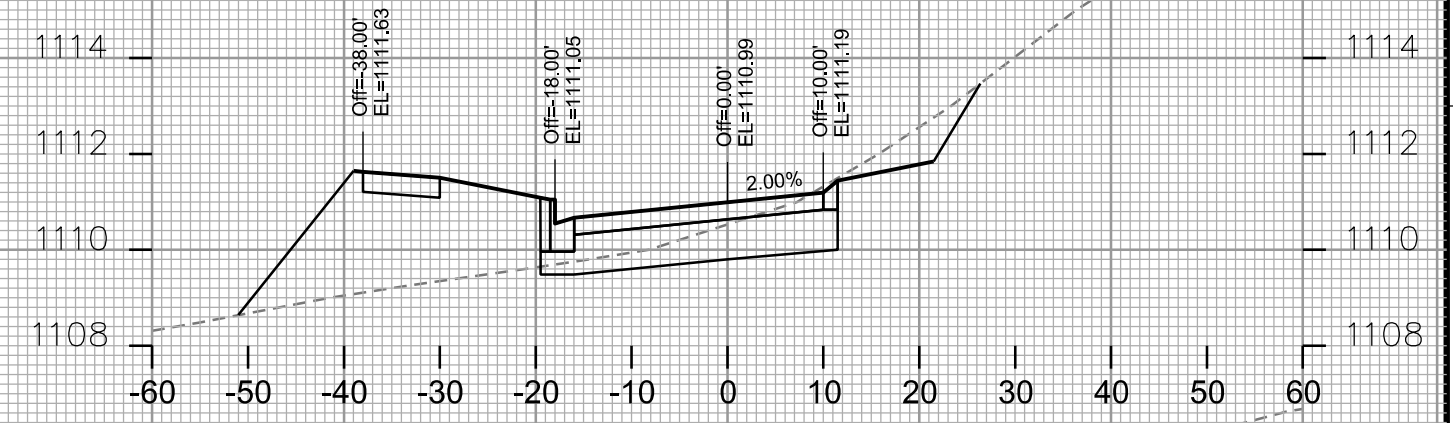
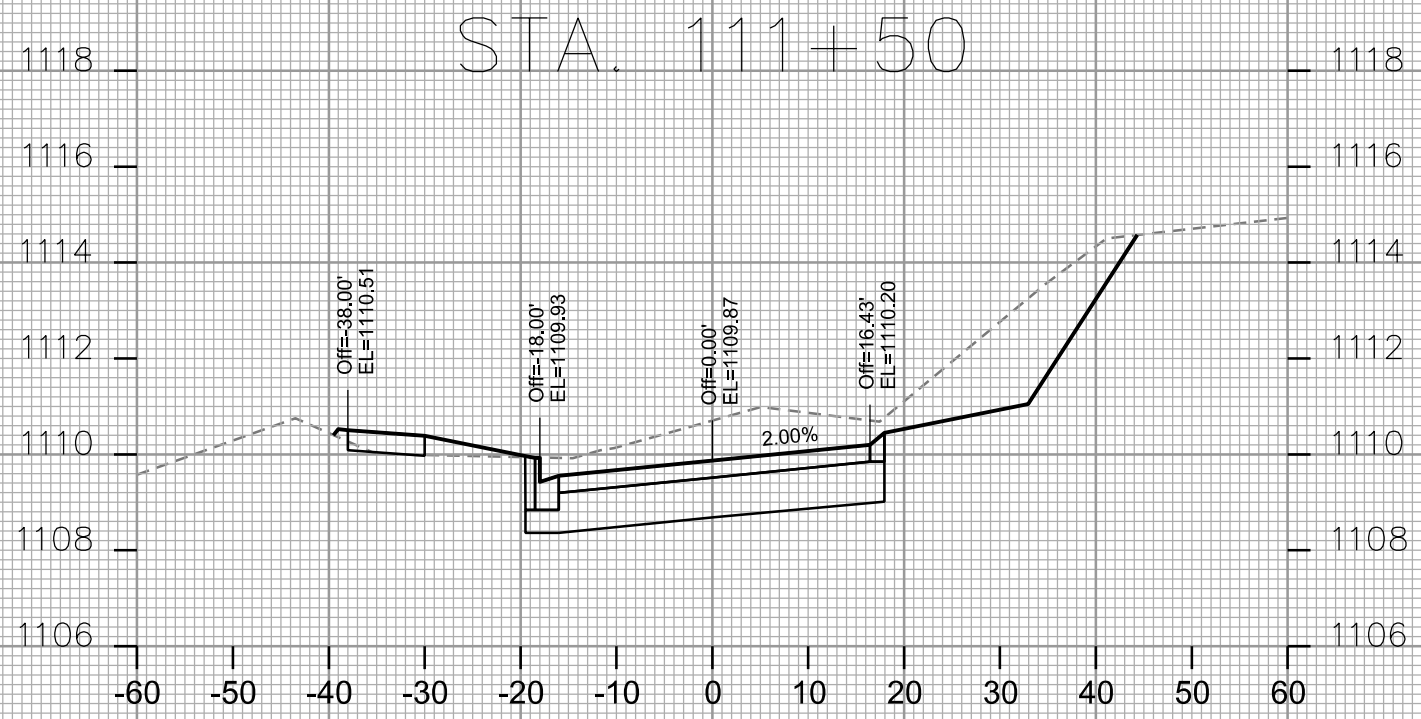
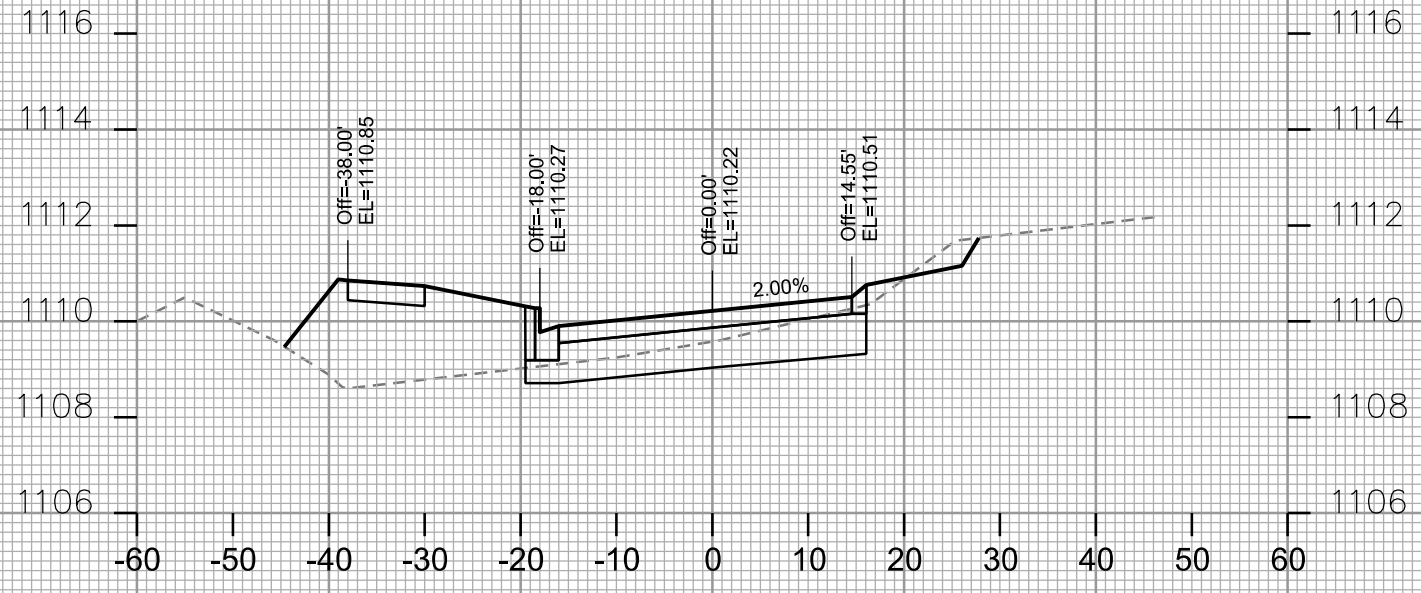


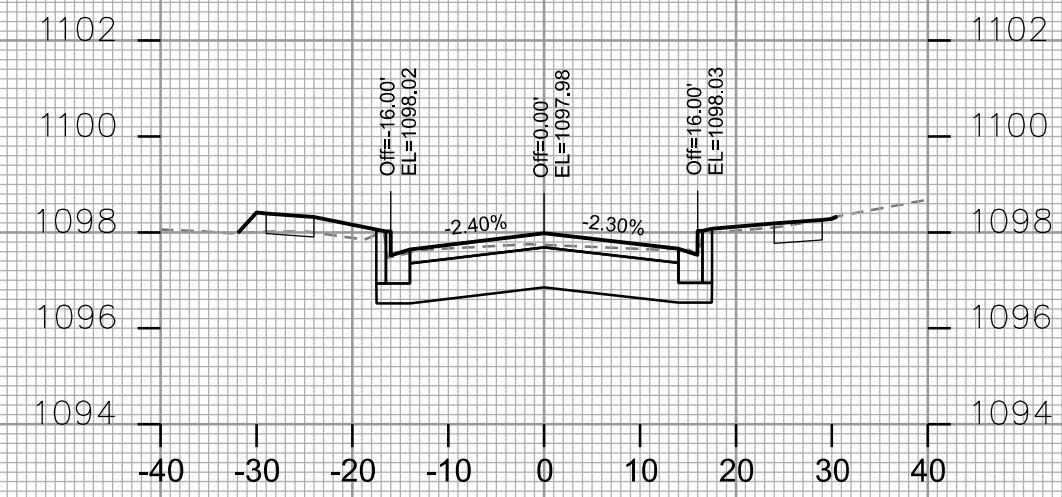
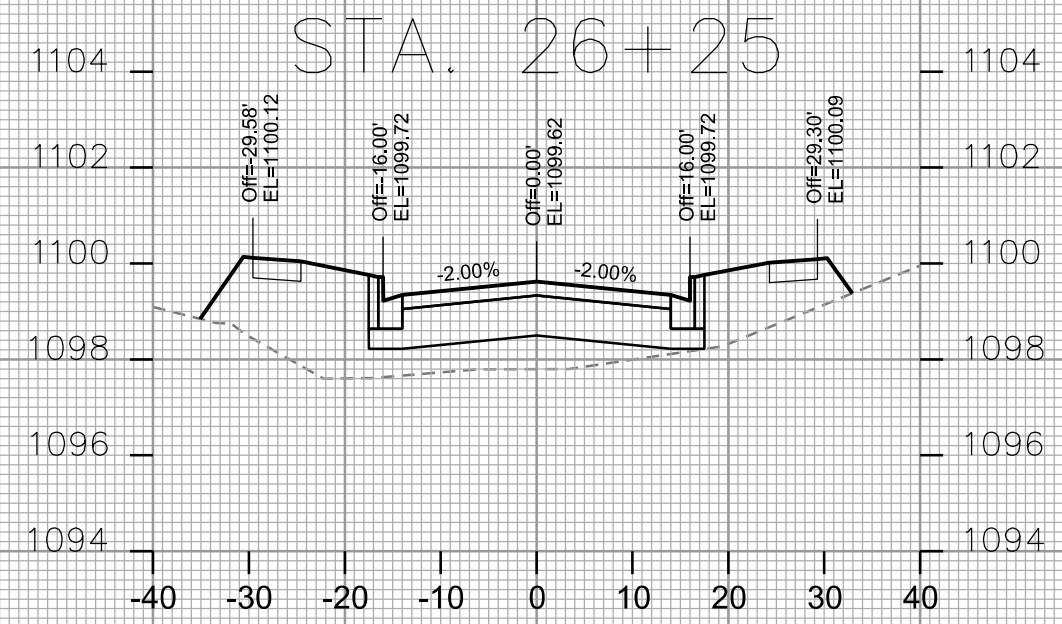
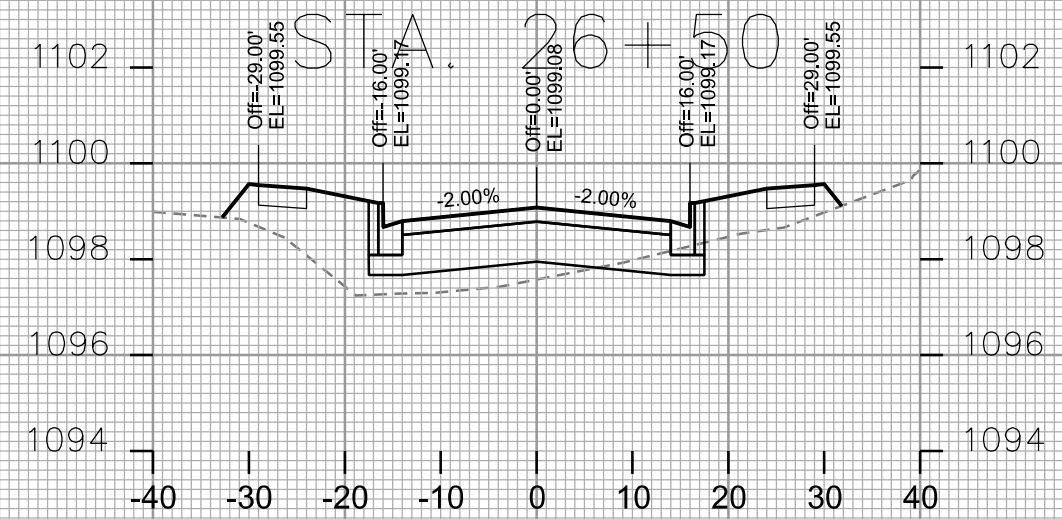
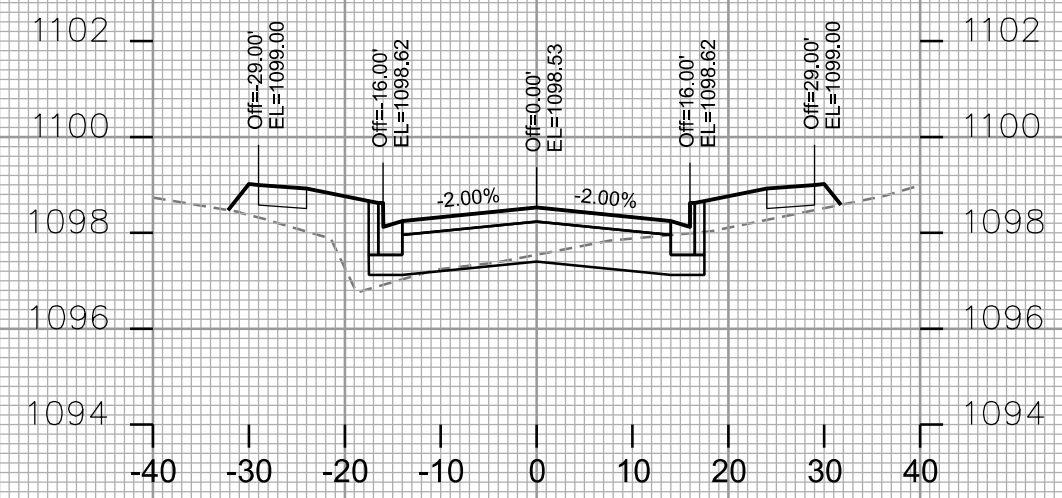
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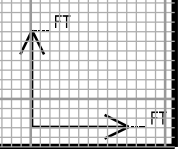
ORIGINATOR: CITY OF MADISON - STREETS DIVISION





STA. 26+00

STA. 26+75



PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON - STREETS DIVISION