

Madison, Wisconsin

# CITY OF MADISON

## CITY ENGINEERING DIVISION

### DEPARTMENT OF PUBLIC WORKS

## PLAN OF PROPOSED IMPROVEMENT

### RONALD REAGAN AVENUE, JOHN WALL DRIVE AND MERCHANT STREET ASSESSMENT DISTRICT - 2017

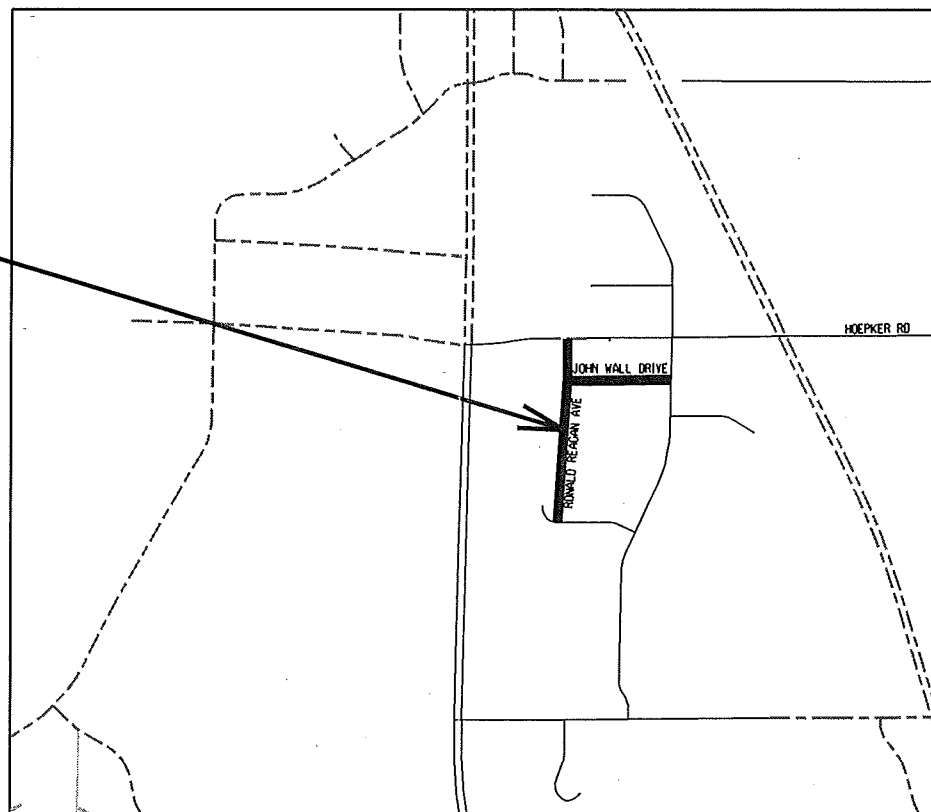
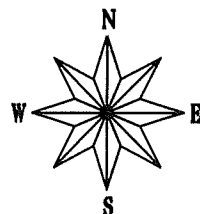
CITY PROJECT NO. 11461

CONTRACT NO. 7843

**INDEX OF SHEETS**

SHEET NO.	TITLE
SHEET NO. 1	TYPICAL SECTIONS
SHEET NO. D1-D2	PLAN DETAIL
SHEET NO. D3	MASS GRADING PLAN
SHEET NO. D4	MERCHANT STREET REMOVAL PLAN
SHEET NO. D5	ALIGNMENT PLAN
SHEET NO. A1	EROSION CONTROL PLAN
SHEET NO. EC1-EC17	DRAINAGE DITCH PLAN & PROFILES
SHEET NO. DD1-DD4	STREET PLAN & PROFILES
SHEET NO. P1-P8	SEWERS PLAN & PROFILES
SHEET NO. U1-U17	SEWER SCHEDULES
SHEET NO. U18-U20	WATER PLAN & PROFILES
SHEET NO. W1-W7	MERCHANT STREET REMOVAL
SHEET NO. W8	WATER IMPACT PLANS
SHEET NO. W9-W10	WATER ESTIMATE OF MATERIALS & DETAILS
SHEET NO. W11	DETOUR PLANS
SHEET NO. TC1-TC4	TRAFFIC CONTROL PLANS
SHEET NO. TC5-TC5	RONALD REAGAN CROSS SECTIONS
SHEET NO. XI-X18	JOHN WALL DRIVE CROSS SECTIONS
SHEET NO. X19-X27	MASS GRADING CROSS SECTIONS
SHEET NO. X28-X35	

PROJECT LOCATION



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 RAMP 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.....	16,000 C.Y.
TOPSOIL STRIPING.....	67,800 C.Y.
MERCHANT STREET EXCAVATION.....	3,000 C.Y.
ESTIMATED SREET UNDERCUT.....	2,250 C.Y.
TOTAL UNCLASSIFIED EXCAVATION CUT (MEASURED PLAN QUANTITY).....	89,050 C.Y.
TOTAL FILL BORROW (MEASURED PLAN QUANTITY).....	117,970 C.Y.
TOTAL SELECT FILL (MEASURED PLAN QUANTITY).....	14,000 TON
BREAKER RUN UNDERCUT (MEASURED PLAN QUANTITY).....	4,900 TON

PUBLIC IMPROVEMENT PROJECT APPROVED

JANUARY 2, 2018

BY THE COMMON COUNCIL  
OF MADISON, WISCONSIN

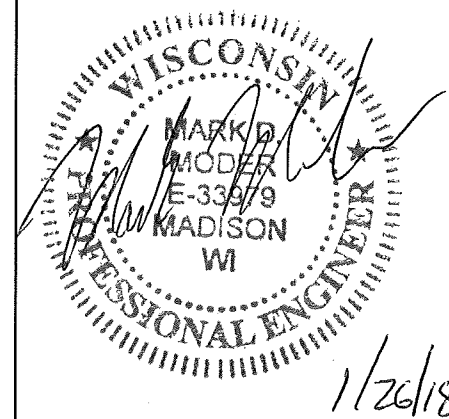
PUBLIC IMPROVEMENT DESIGN  
APPROVED BY:

 1/26/18  
City Engineer Date

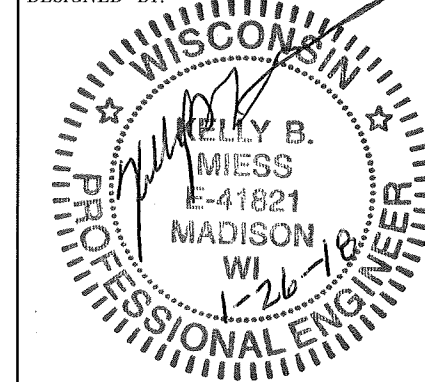
STREET  
DESIGNED BY:



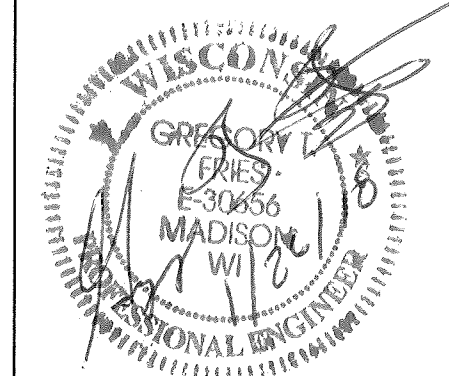
SANITARY SEWER  
DESIGNED BY:

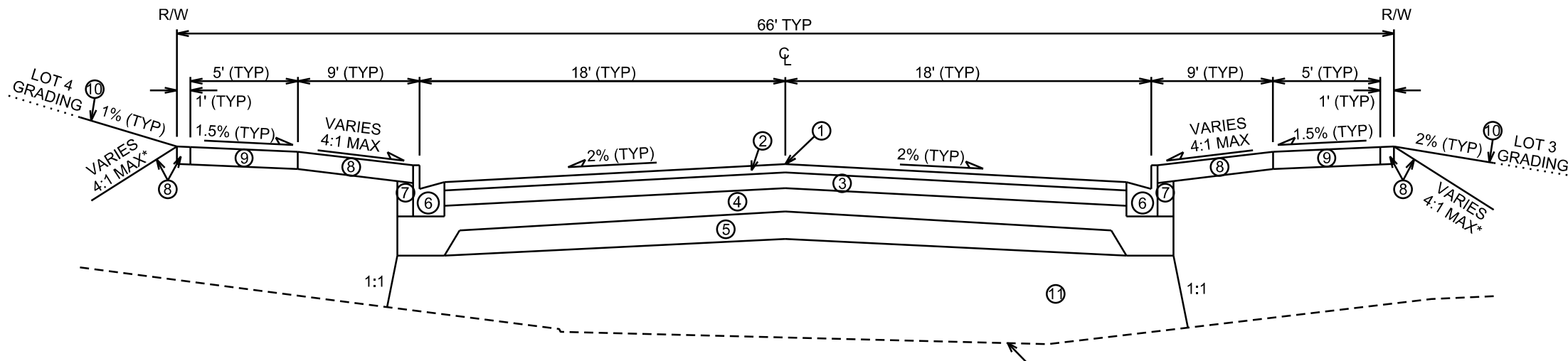


WATER MAIN  
DESIGNED BY:



STORM SEWER  
DESIGNED BY:





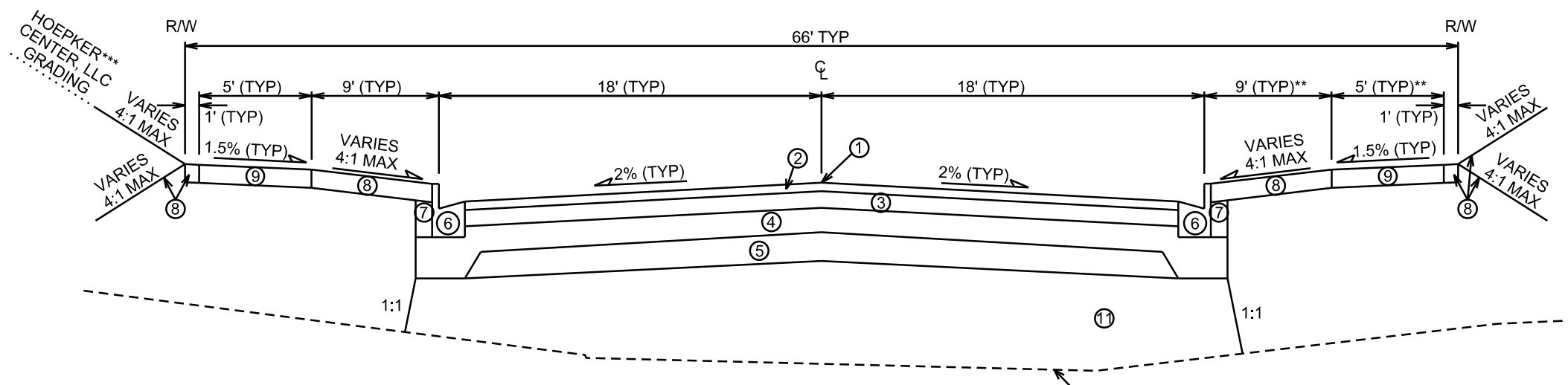
**TYPICAL FINISHED SECTION  
RONALD REAGAN AVE  
STA 104+15 TO STA 113+60**

REMOVE 18" OF TOPSOIL,  
REPLACE W/SELECT FILL

- ① POINT REFERRED TO ON PROFILE
- ② 2" BITUMINOUS UPPER LAYER, 4 MT 58-28 S
- ③ 3 1/4" BITUMINOUS LOWER LAYER, 3 MT 58-28 S
- ④ 4" GRADATION 2 CRUSHED STONE
- ⑤ 6" GRADATION 1 CRUSHED STONE
- ⑥ TYPE 'A' CONCRETE CURB & GUTTER
- ⑦ FILL BORROW
- ⑧ 6" TOPSOIL, TERRACE SEED AND EROSION MAT
- ⑨ 5" CONCRETE SIDEWALK
- ⑩ TEMPORARY SEED
- ⑪ SELECT FILL

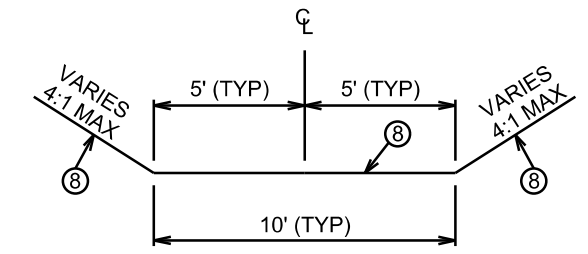
**NOTE:**

- SEE PLAN/PROFILE SHEETS FOR TOP OF CURB ELEVATIONS.
- TYPICAL SECTION NOT TO SCALE.
- \*DRAINAGE DITCH CROSSING RONALD REAGAN AVENUE AT STA 113+29.
- \*\*NO SW ON RONALD REAGAN AVENUE FROM STA 120+25 TO STA 124+05.31 RT.
- \*\*\*MATCH HOEPKER CENTER, LLC GRADING. IF LOT 1 IS NOT UNDER CONSTRUCTION, MATCH EX. GROUND.



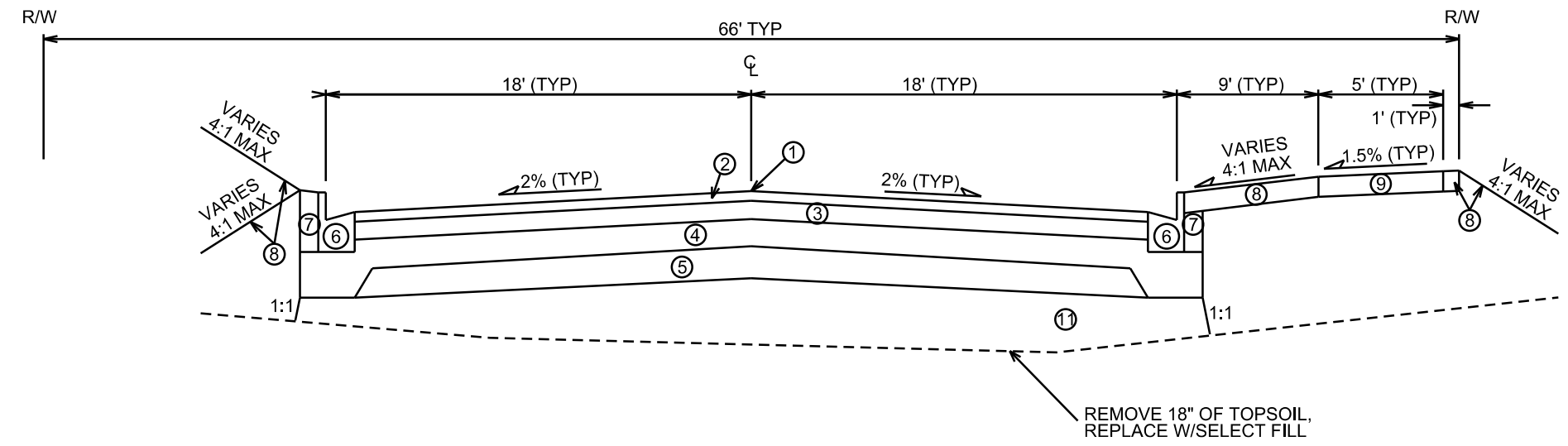
**TYPICAL FINISHED SECTION  
RONALD REAGAN AVE  
STA 113+60 TO STA 124+05.31**

REMOVE 18" OF TOPSOIL,  
REPLACE W/SELECT FILL



**TYPICAL FINISHED SECTION  
STA 500+35 TO STA 518+00  
DRAINAGE DITCH**

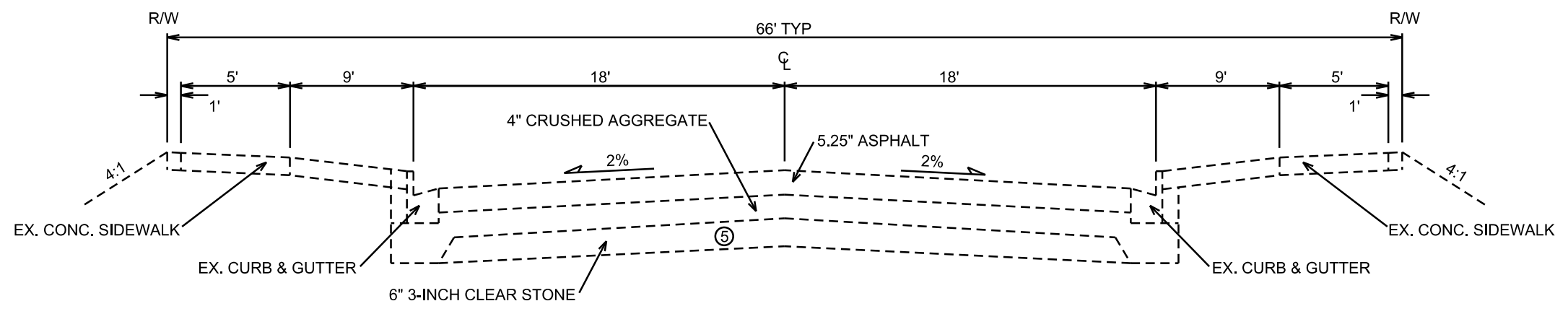
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PLOT NAME: \_\_\_\_\_  
REV. DATE: \_\_\_\_\_  
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



**TYPICAL FINISHED SECTION**  
STA 200+50 TO STA 212+29.73  
JOHN WALL DR

- ① POINT REFERRED TO ON PROFILE
- ② 2" BITUMINOUS UPPER LAYER, 4 MT 58-28 S
- ③ 3 1/4" BITUMINOUS LOWER LAYER, 3 MT 58-28 S
- ④ 4" GRADATION 2 CRUSHED STONE
- ⑤ 6" GRADATION 1 CRUSHED STONE
- ⑥ TYPE 'A' CONCRETE CURB & GUTTER
- ⑦ FILL BORROW
- ⑧ 6" TOPSOIL, TERRACE SEED AND EROSION MAT
- ⑨ 5" CONCRETE SIDEWALK
- ⑩ TEMPORARY SEED
- ⑪ SELECT FILL

NOTE:  
- SEE PLAN/PROFILE SHEETS FOR TOP OF CURB ELEVATIONS.  
- TYPICAL SECTION NOT TO SCALE.  
- NO SW ON NORTH SIDE OF JOHN WALL DR.



**TYPICAL EXISTING SECTION**  
MERCHANT ST

PLOT SCALE: \_\_\_\_\_

PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



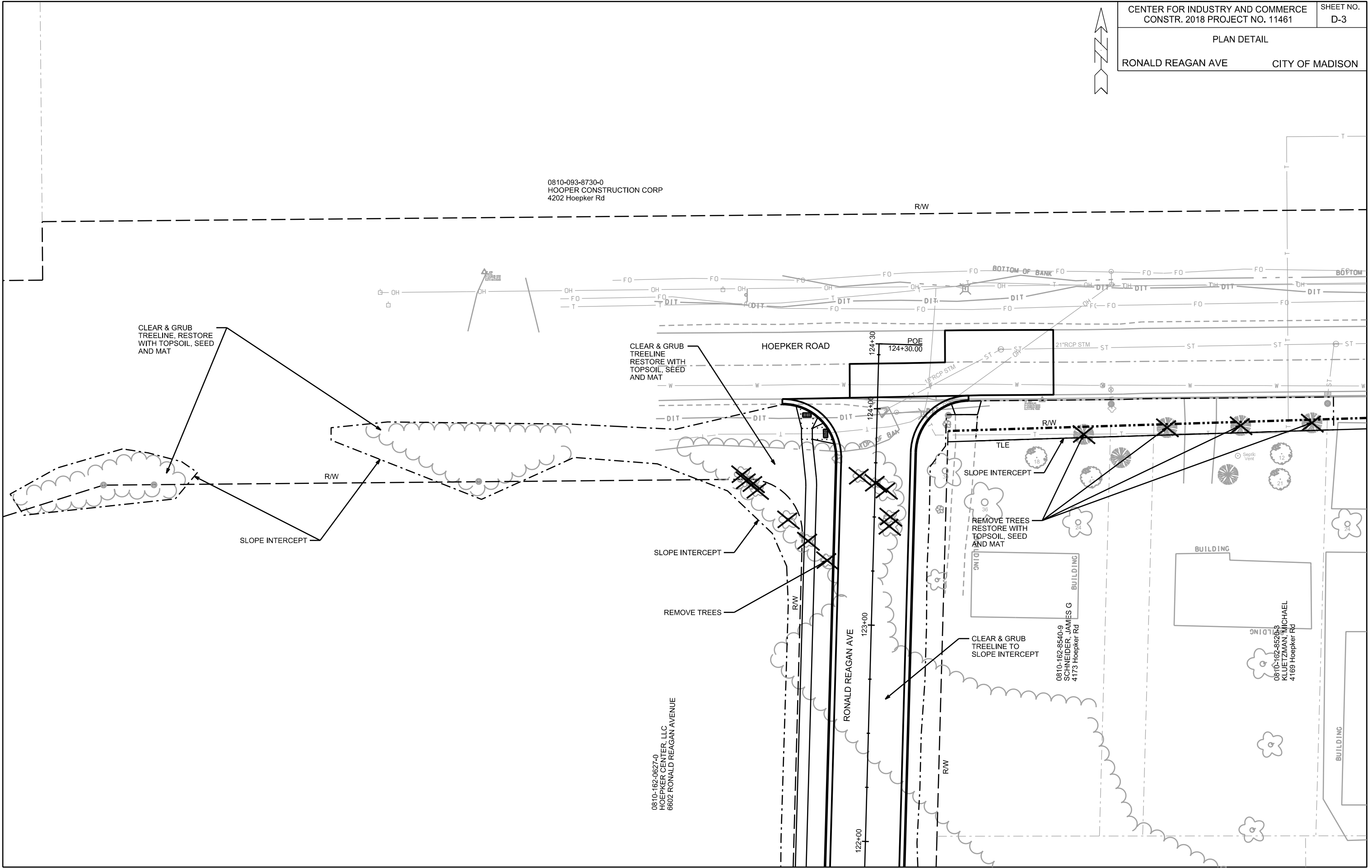
0810-093-8730-0  
 HOOPER CONSTRUCTION CORP  
 4202 Hoepker Rd

PLOT SCALE: \_\_\_\_\_

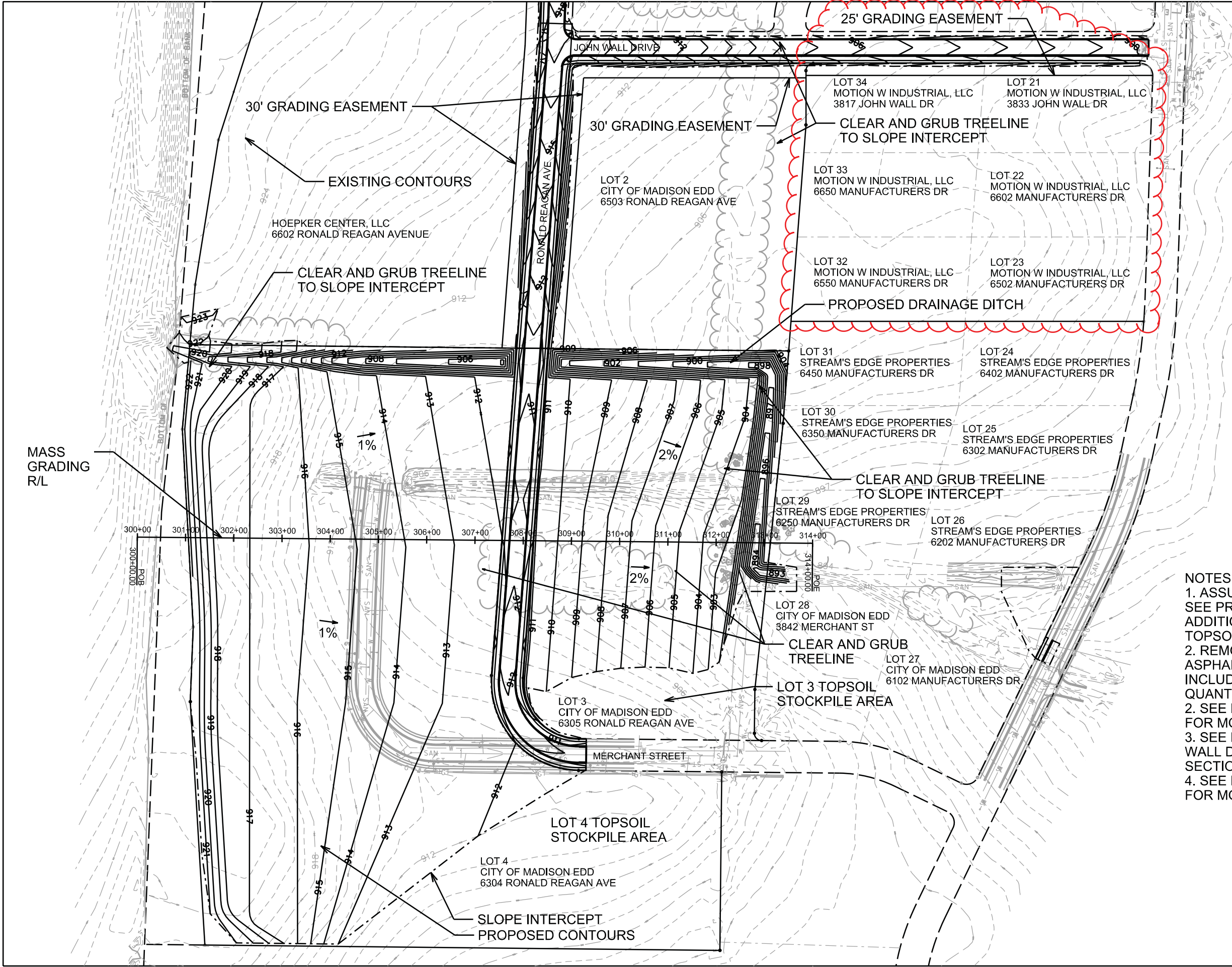
PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION







- NOTES:**
1. ASSUME A TOPSOIL DEPTH OF 18". SEE PROJECT SPECIFICATIONS FOR ADDITIONAL INFORMATION ABOUT TOPSOIL.
  2. REMOVAL OF MERCHANT STREET ASPHALT AND BASE COURSE IS INCLUDED IN THE EXCAVATION CUT QUANTITY.
  2. SEE MASS GRADING CROSS SECTIONS FOR MORE INFORMATION.
  3. SEE RONALD REAGAN AVE AND JOHN WALL DRIVE PLAN/PROFILE AND CROSS SECTION FOR MORE INFORMATION.
  4. SEE DRAINAGE DITCH PLAN/PROFILE FOR MORE INFORMATION.

PLOT SCALE: \_\_\_\_\_

PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

REMOVE ELECTRIC, GAS AND TELE COMMUNICATIONS LINES, INCLUDING ALL PEDESTALS AND VALVES, INCIDENTAL TO EXCAVATION CUT

REMOVE CONCRETE SIDEWALK

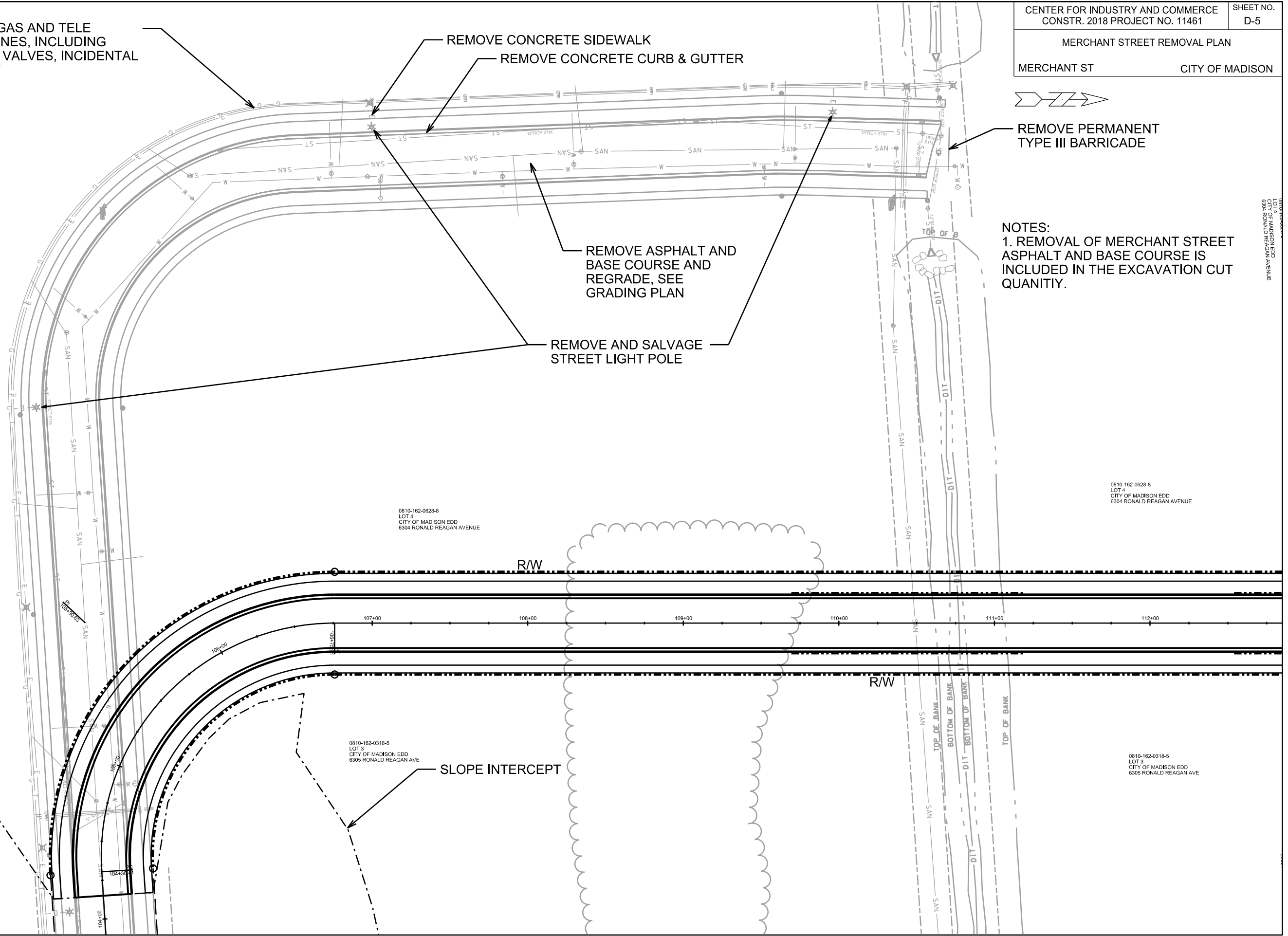
REMOVE CONCRETE CURB & GUTTER

REMOVE ASPHALT AND BASE COURSE AND REGRADE, SEE GRADING PLAN

REMOVE AND SALVAGE STREET LIGHT POLE

REMOVE PERMANENT TYPE III BARRICADE

NOTES:  
1. REMOVAL OF MERCHANT STREET ASPHALT AND BASE COURSE IS INCLUDED IN THE EXCAVATION CUT QUANTITY.



PLOT SCALE: \_\_\_\_\_

PLOT NAME: \_\_\_\_\_

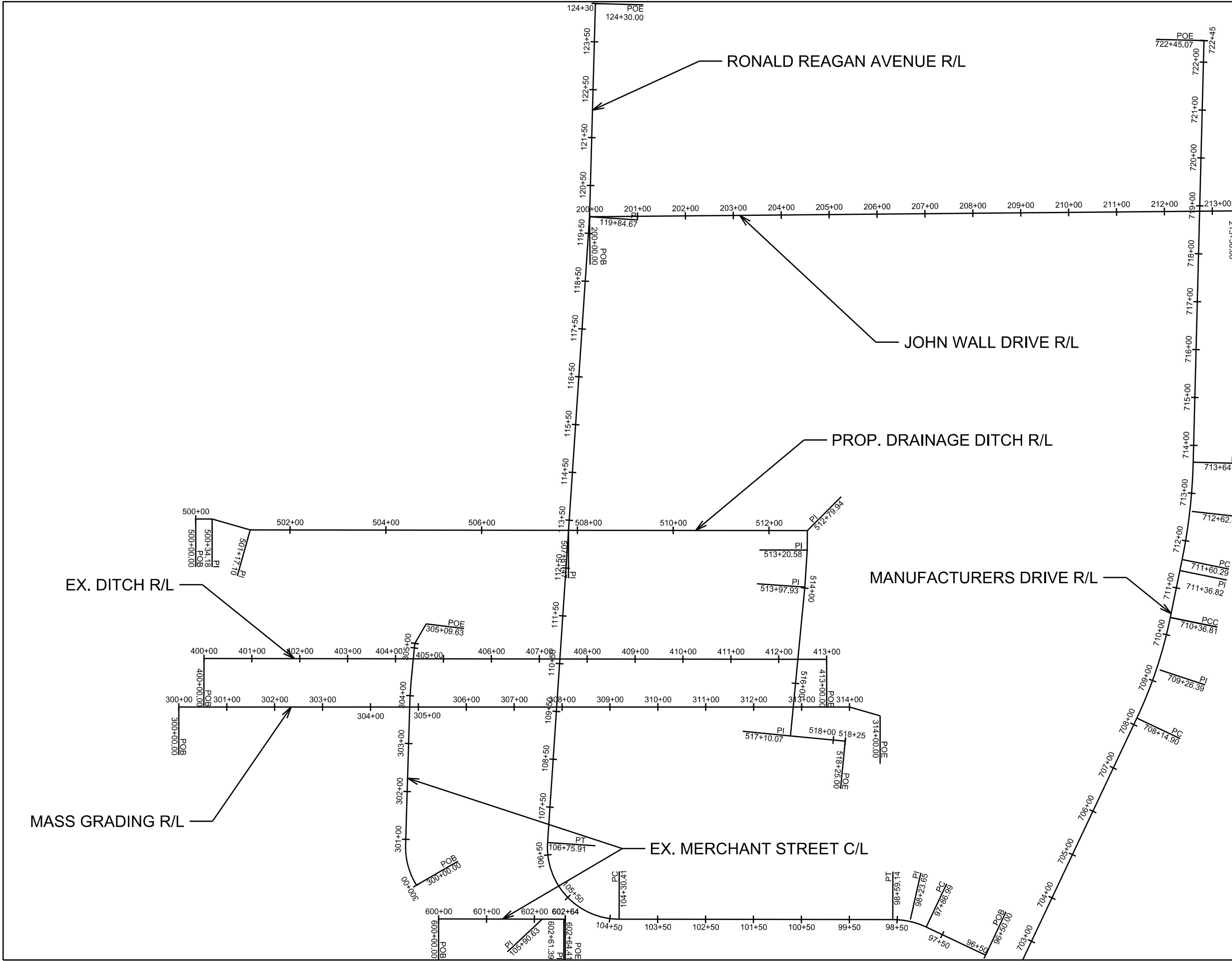
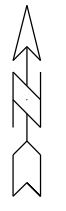
REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

LOT 4  
CITY OF MADISON EDD  
6304 RONALD REAGAN AVENUE

0810-162-0628-8  
LOT 4  
CITY OF MADISON EDD  
6304 RONALD REAGAN AVENUE

0810-162-0318-5  
LOT 3  
CITY OF MADISON EDD  
6305 RONALD REAGAN AVE



PLOT SCALE: \_\_\_\_\_

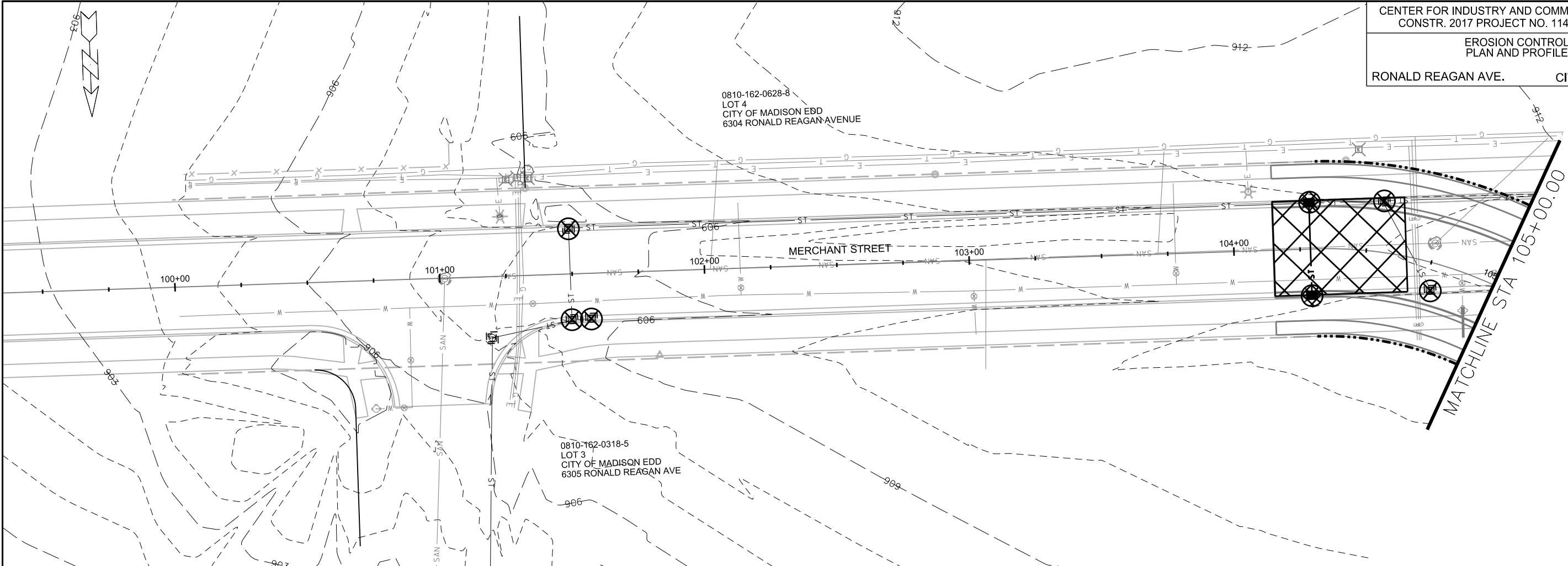
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REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

0810-162-0628-8  
LOT 4  
CITY OF MADISON EDD  
6304 RONALD REAGAN AVENUE

0810-162-0318-5  
LOT 3  
CITY OF MADISON EDD  
6305 RONALD REAGAN AVENUE



**EROSION CONTROL NOTES:**

EROSION CONTROL MEASURES SHALL BE IN PLACE PRIOR TO ANY OTHER CONSTRUCTION ACTIVITY.

THE CONTRACTOR IS RESPONSIBLE FOR THE CONSTRUCTION AND MAINTENANCE OF ALL EROSION CONTROL MEASURES UNTIL FINAL ACCEPTANCE BY THE CITY OF MADISON.

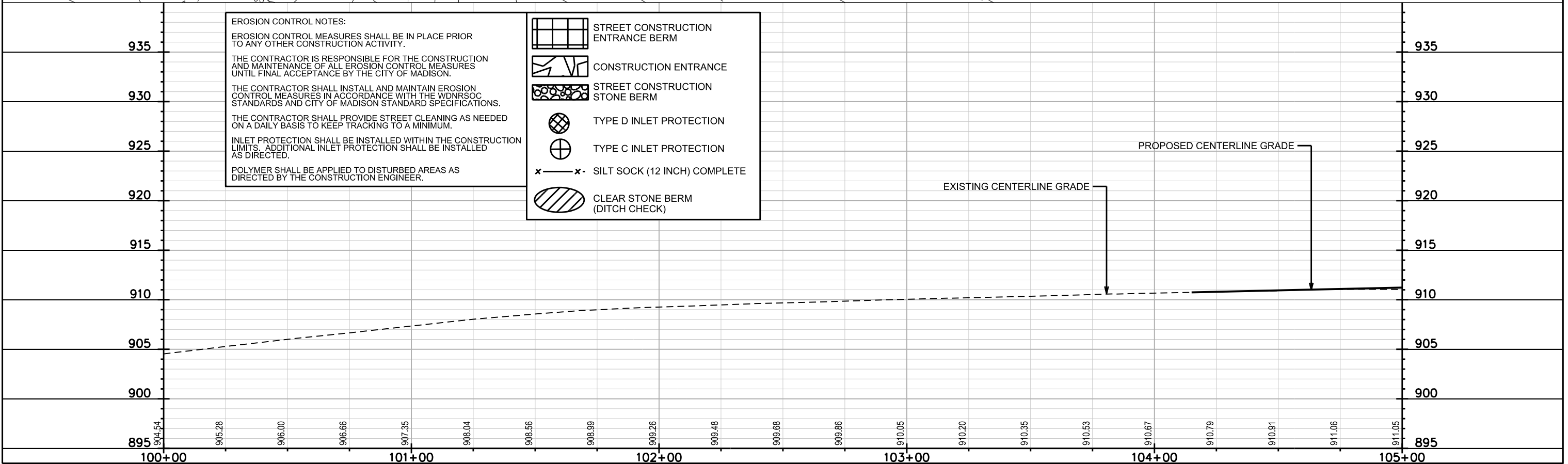
THE CONTRACTOR SHALL INSTALL AND MAINTAIN EROSION CONTROL MEASURES IN ACCORDANCE WITH THE WDNR SOC STANDARDS AND CITY OF MADISON STANDARD SPECIFICATIONS.

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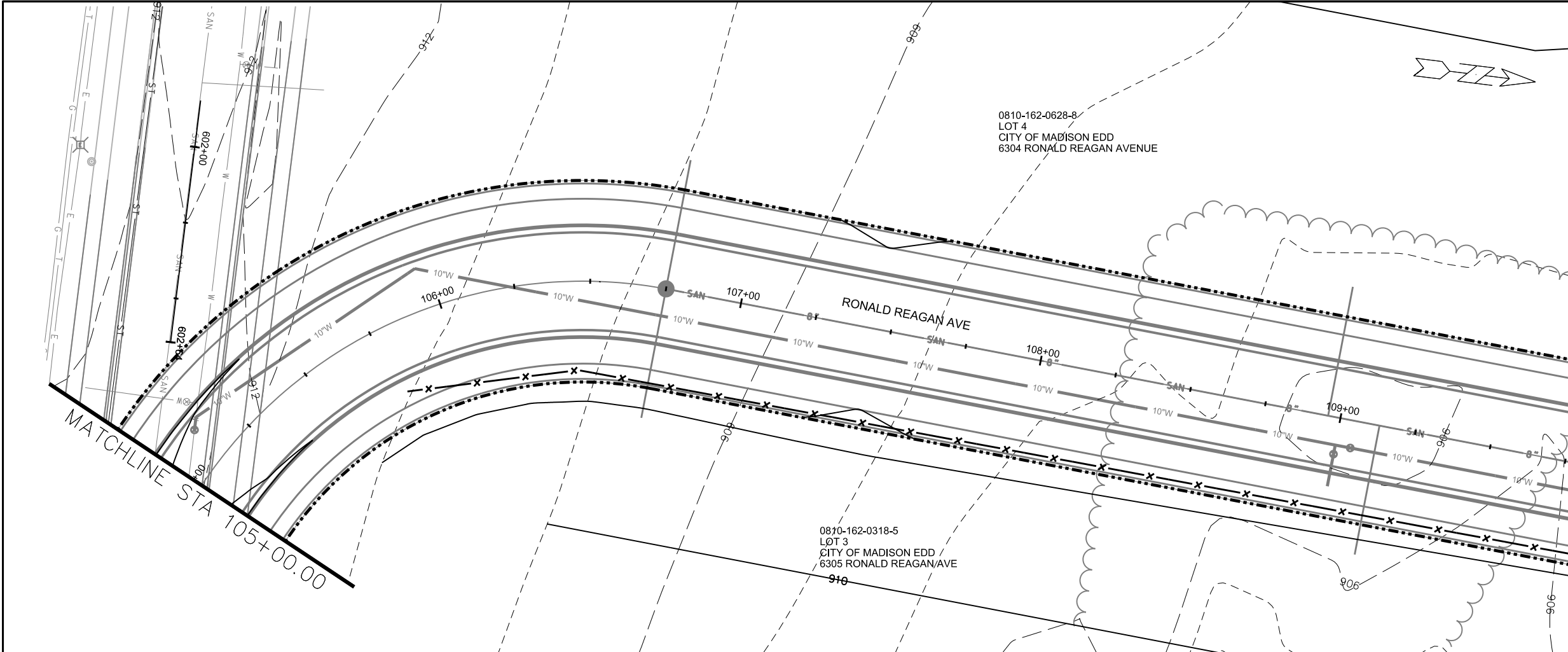
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	STREET CONSTRUCTION STONE BERM
	TYPE D INLET PROTECTION
	TYPE C INLET PROTECTION
	SILT SOCK (12 INCH) COMPLETE
	CLEAR STONE BERM (DITCH CHECK)



PLOT SCALE:  
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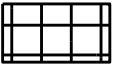






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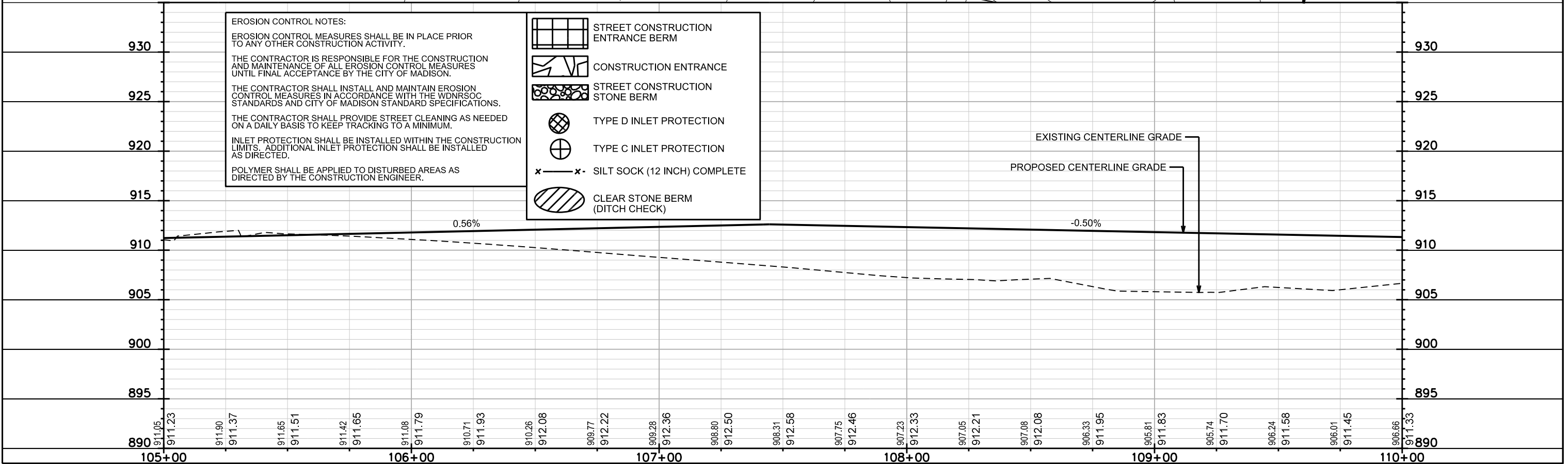
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0810-162-0627-0  
HOEPKER CENTER, LLC  
6602 RONALD REAGAN AVENUE

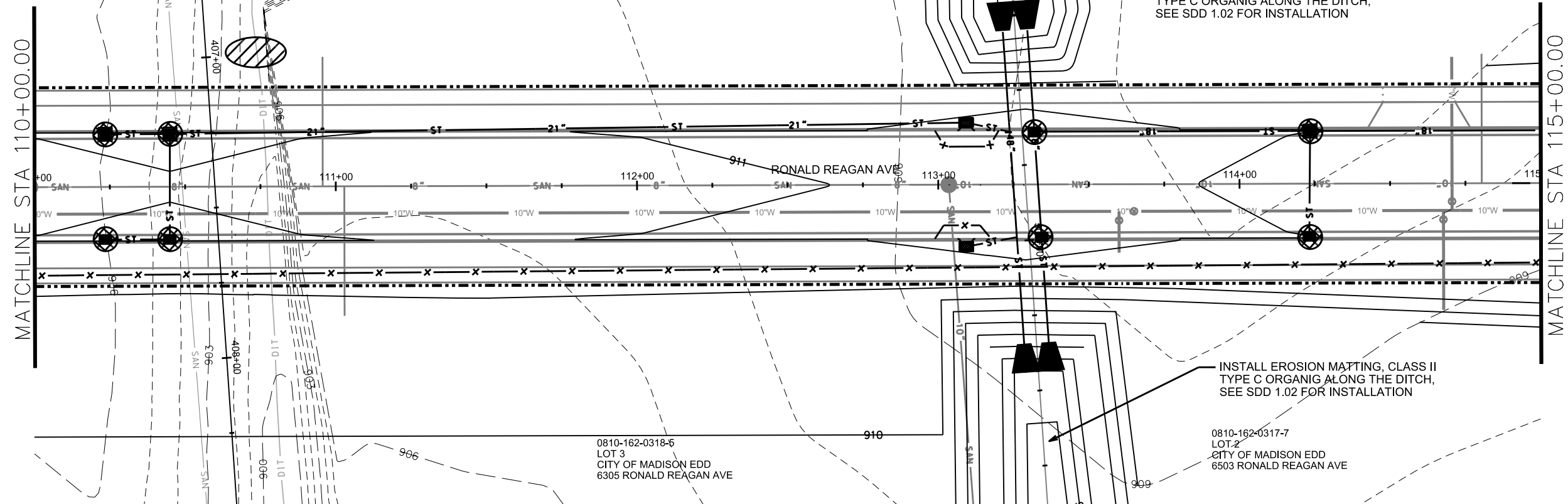
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LOT 4  
CITY OF MADISON EDD  
6304 RONALD REAGAN AVENUE

0810-162-0318-5  
LOT 3  
CITY OF MADISON EDD  
6305 RONALD REAGAN AVE

0810-162-0317-7  
LOT 2  
CITY OF MADISON EDD  
6503 RONALD REAGAN AVE

INSTALL EROSION MATTING, CLASS II  
TYPE C ORGANIG ALONG THE DITCH,  
SEE SDD 1.02 FOR INSTALLATION

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TYPE C ORGANIG ALONG THE DITCH,  
SEE SDD 1.02 FOR INSTALLATION



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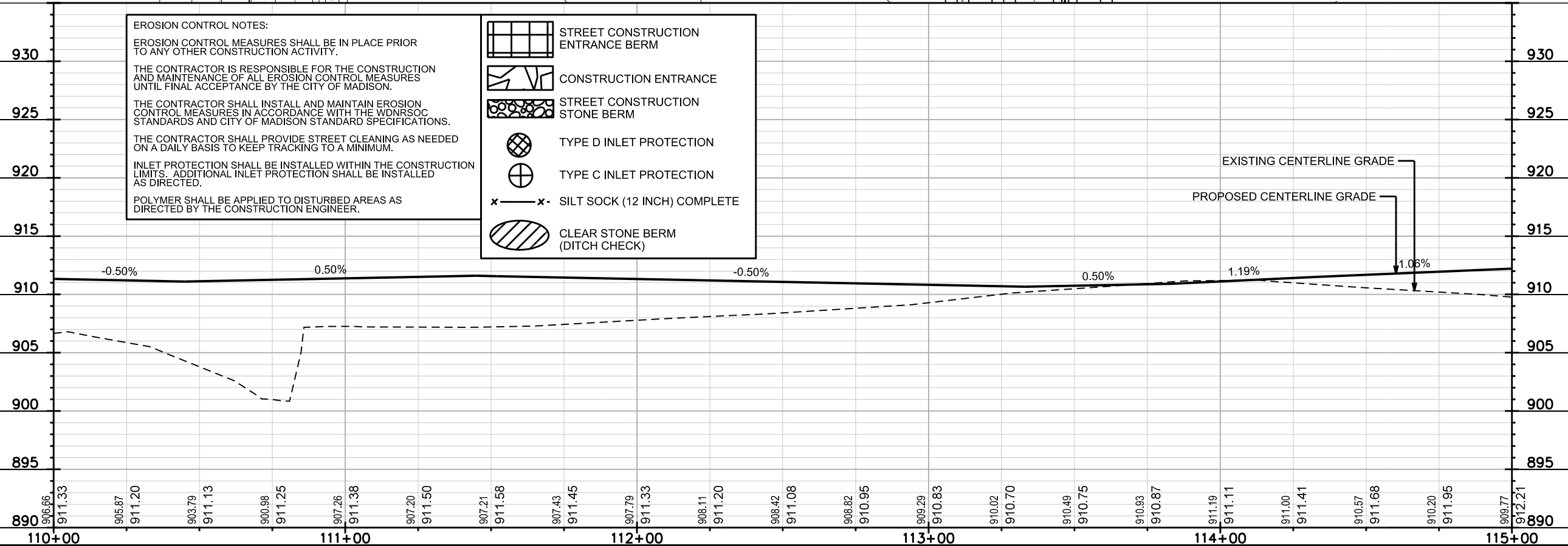
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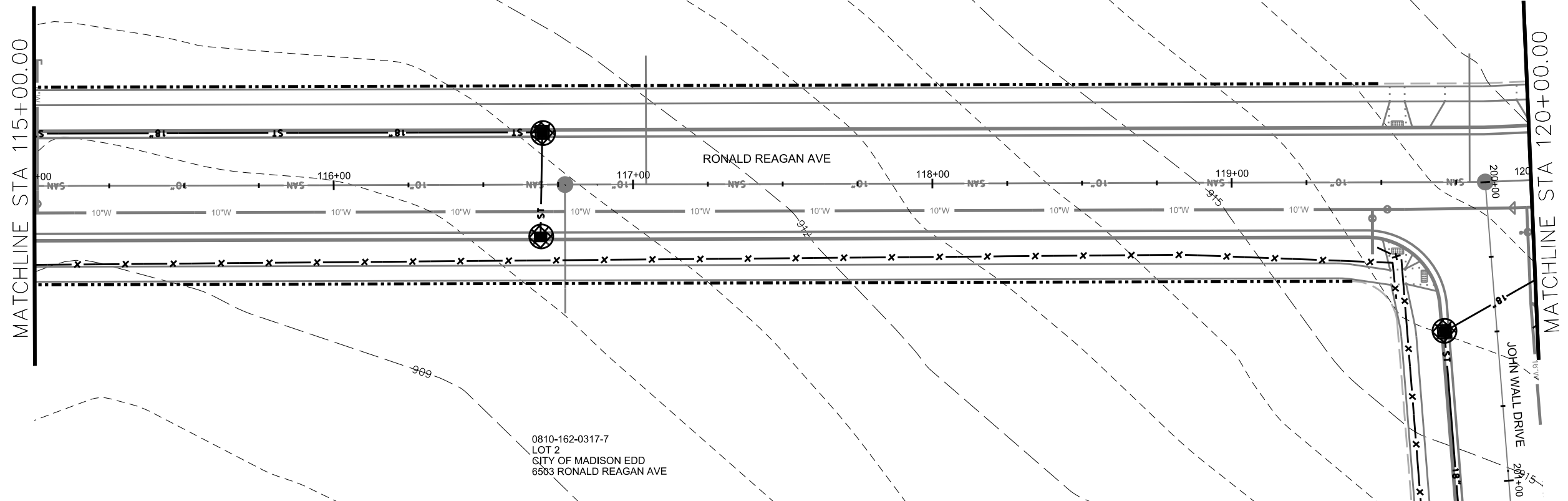
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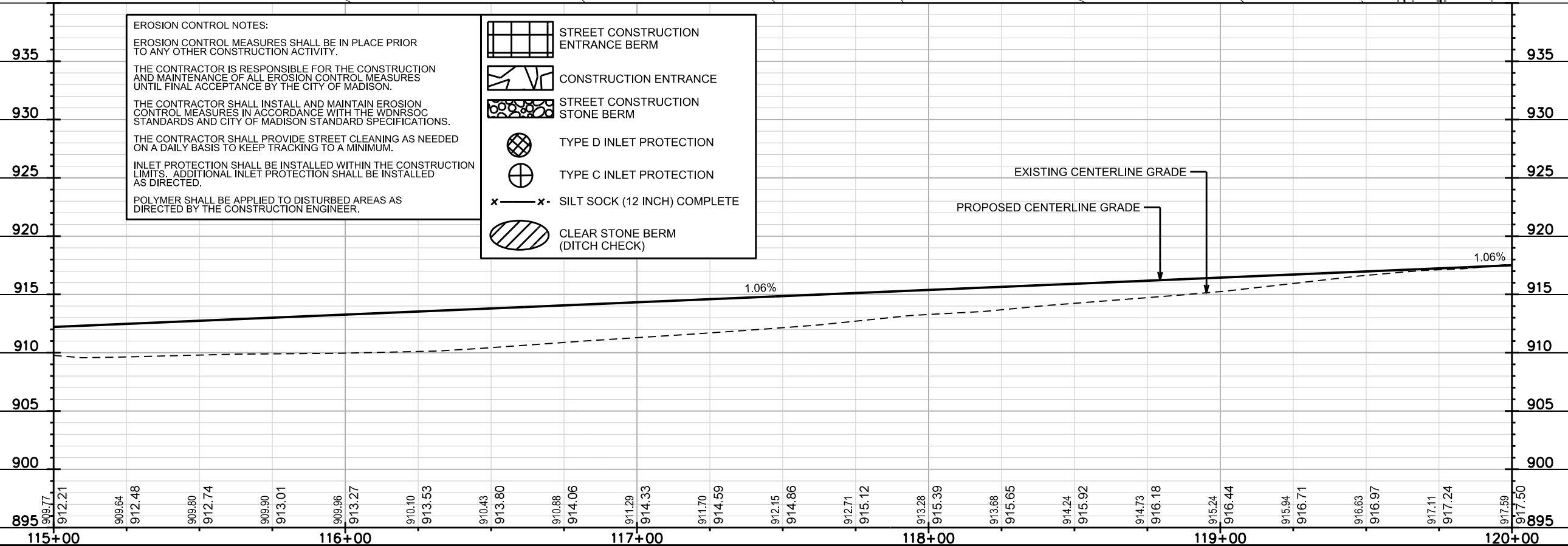
0810-162-8627-0  
HOEPKER CENTER, LLC  
6602 RONALD REAGAN AVENUE

0810-162-0317-7  
LOT 2  
CITY OF MADISON EDD  
6583 RONALD REAGAN AVE



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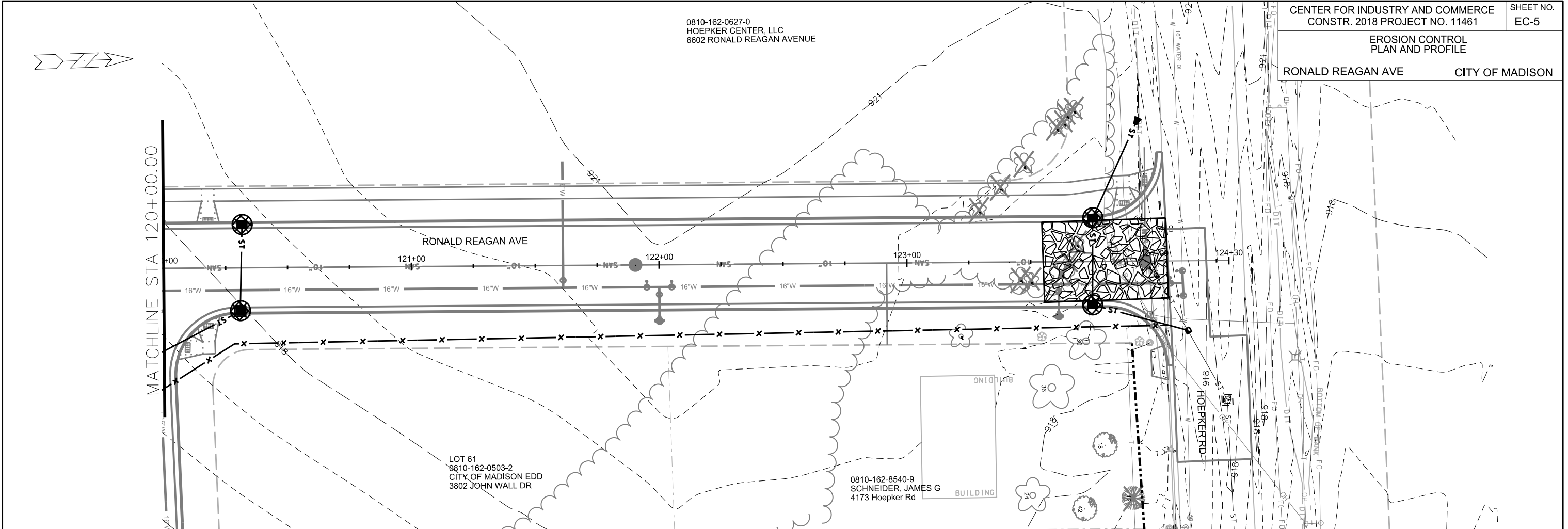
PLOT SCALE:

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REV. DATE:

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0810-162-0627-0  
 HOEPKER CENTER, LLC  
 6602 RONALD REAGAN AVENUE



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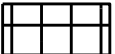






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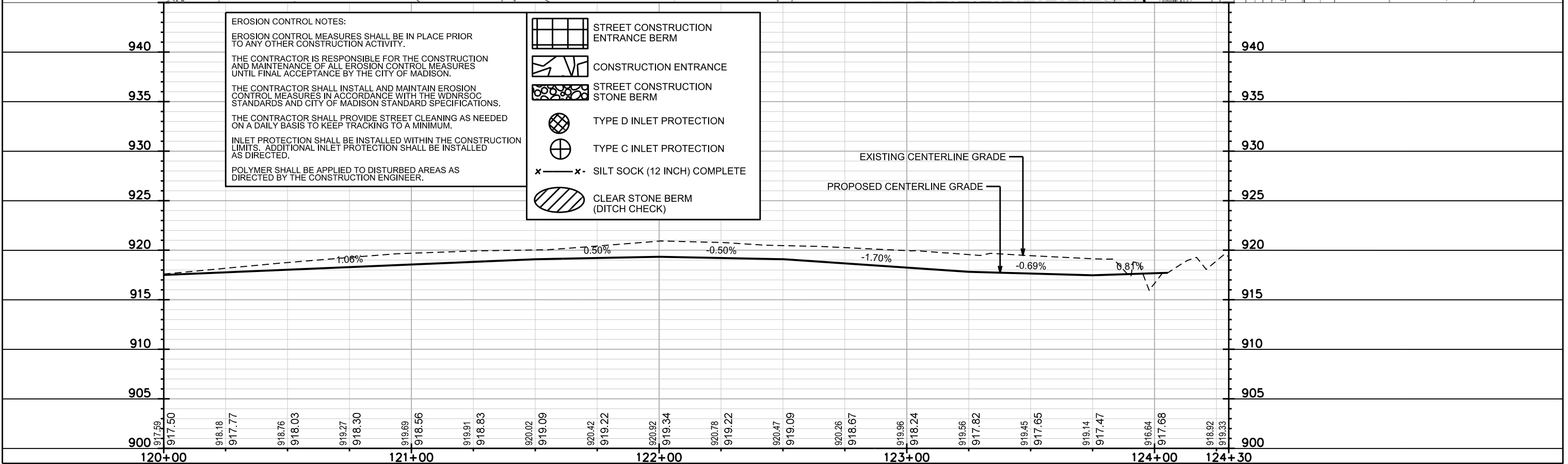
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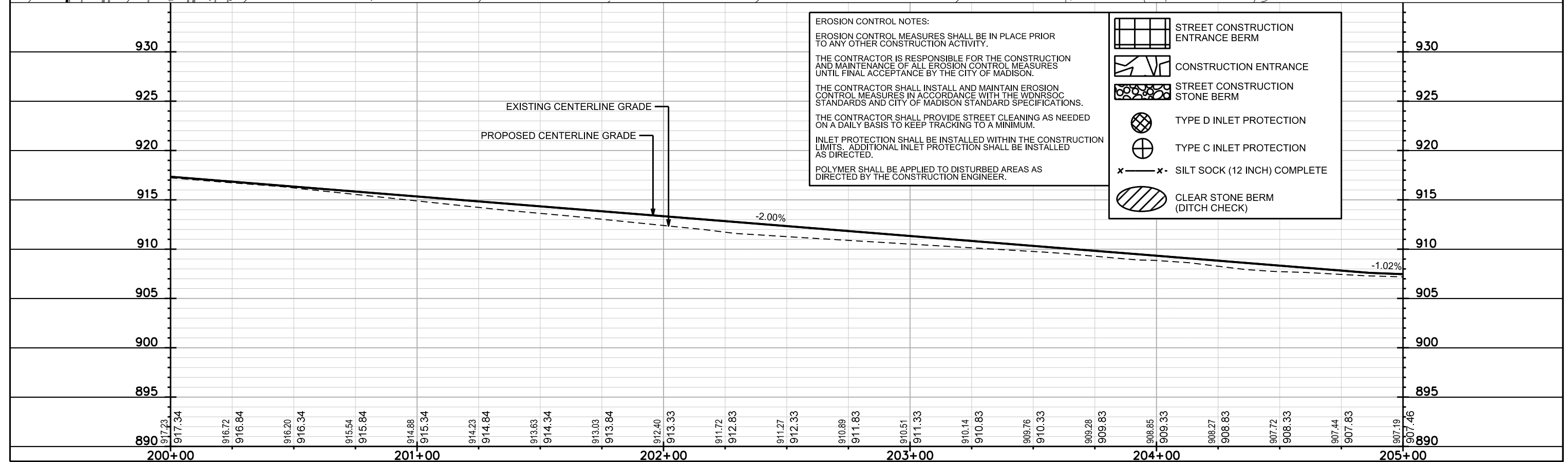
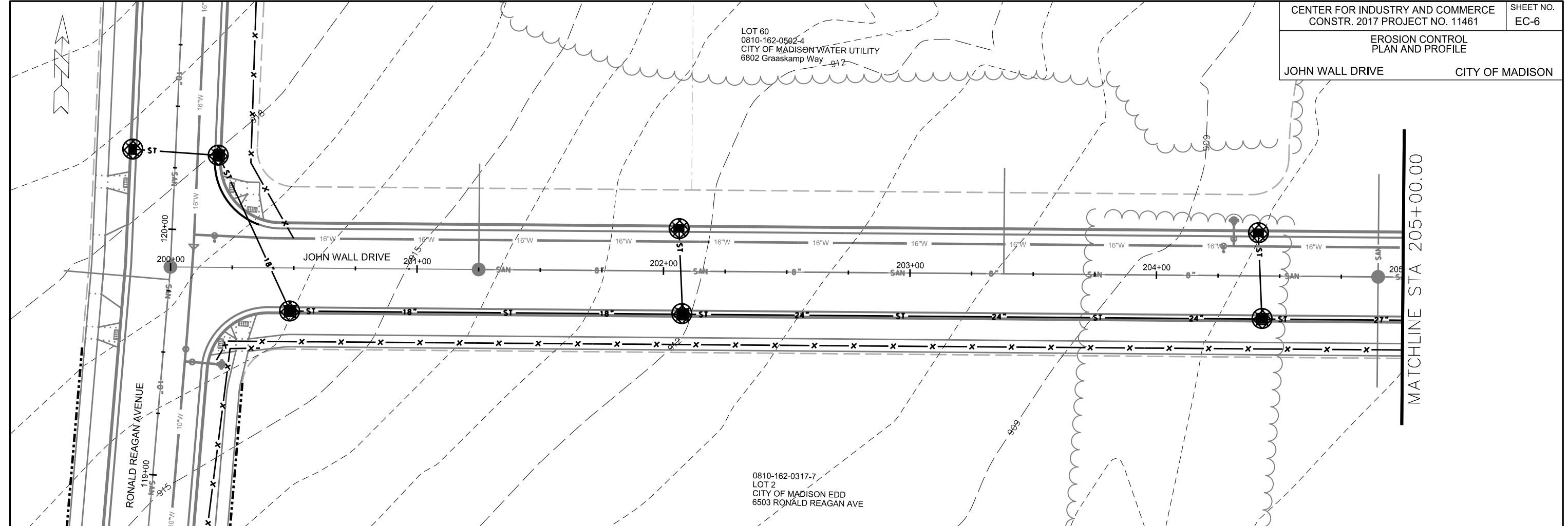


PLOT SCALE:  
 PLOT NAME:  
 REV. DATE:  
 ORIGINATOR: CITY OF MADISON, STREETS DIVISION



LOT 60  
0810-162-0502-4  
CITY OF MADISON WATER UTILITY  
6802 Graaskamp Way

0810-162-0317-7  
LOT 2  
CITY OF MADISON EDD  
6503 RONALD REAGAN AVE



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


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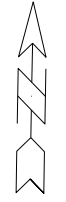
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-  STREET CONSTRUCTION ENTRANCE BERM
-  CONSTRUCTION ENTRANCE
-  STREET CONSTRUCTION STONE BERM
-  TYPE D INLET PROTECTION
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-  CLEAR STONE BERM (DITCH CHECK)

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



MATCHLINE STA 205+00.00

GRASSKAMP WAY

MATCHLINE STA 210+00.00

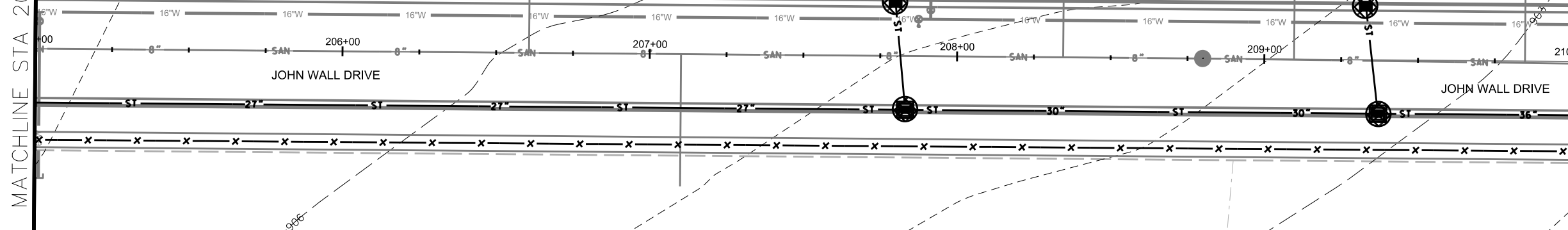
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CITY OF MADISON EDD  
3818 JOHN WALL DR

LOT 56  
0810-162-0406-8  
CITY OF MADISON EDD  
3826 JOHN WALL DR

LOT 55  
0810-162-0405-0  
CITY OF MADISON EDD  
3834 JOHN WALL DR

LOT 34  
0810-162-0214-5  
CITY OF MADISON EDD  
3817 JOHN WALL DRIVE

LOT 21  
0810-162-0201-2  
CITY OF MADISON EDD  
3833 JOHN WALL DR



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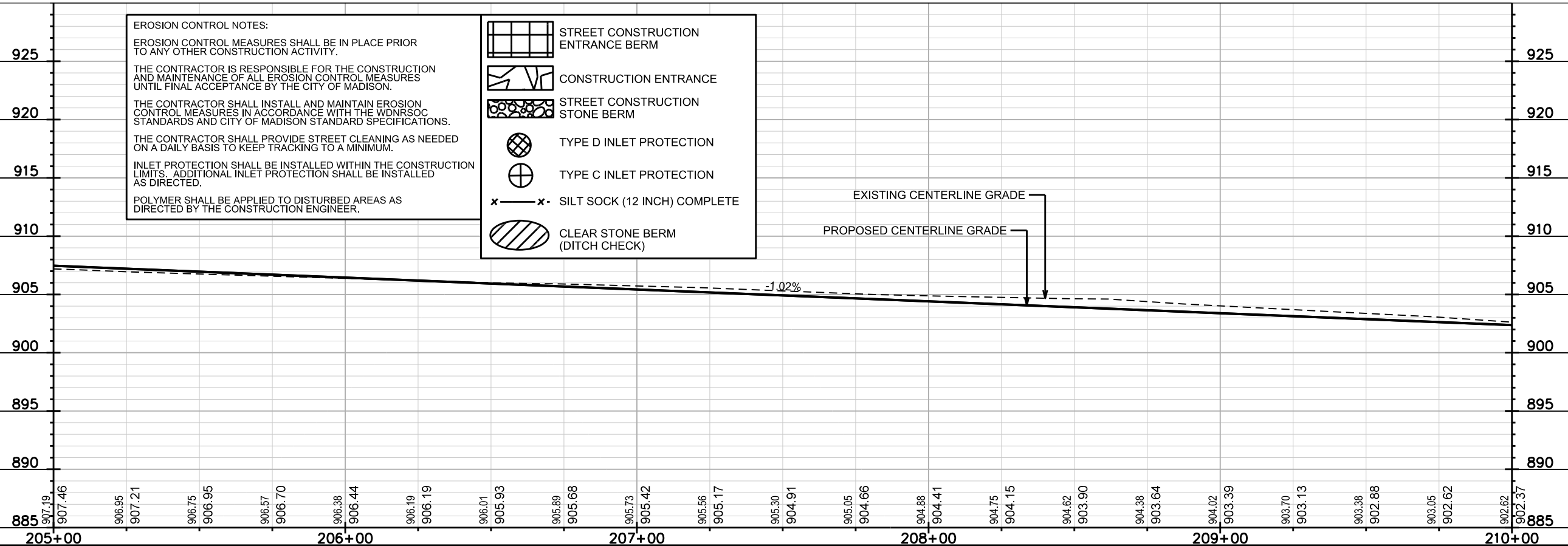
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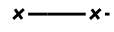

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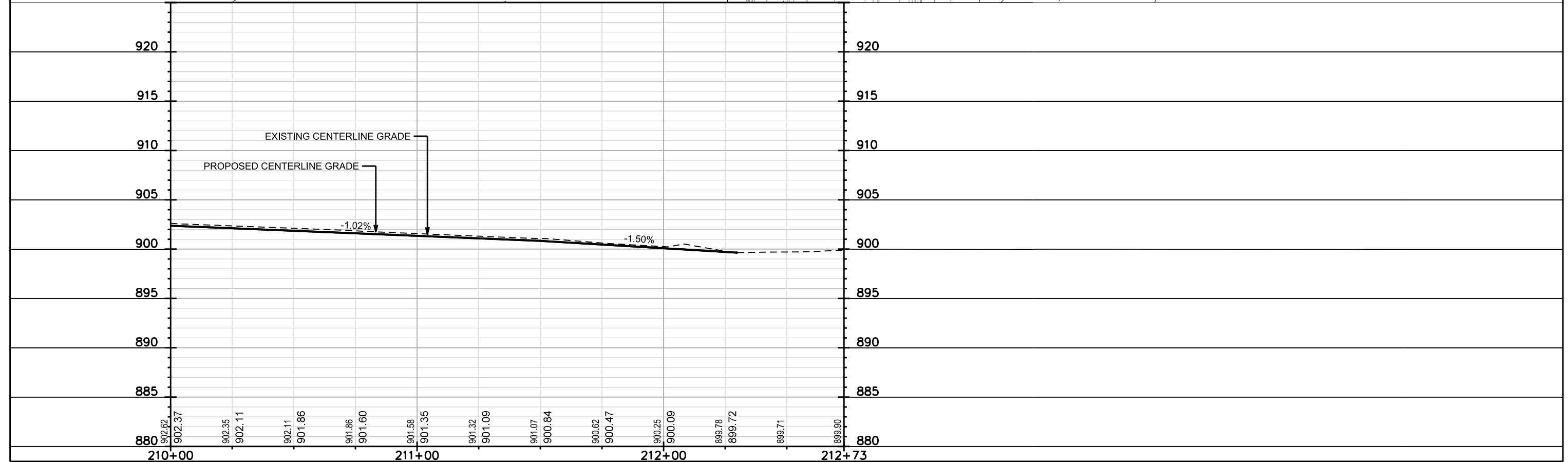
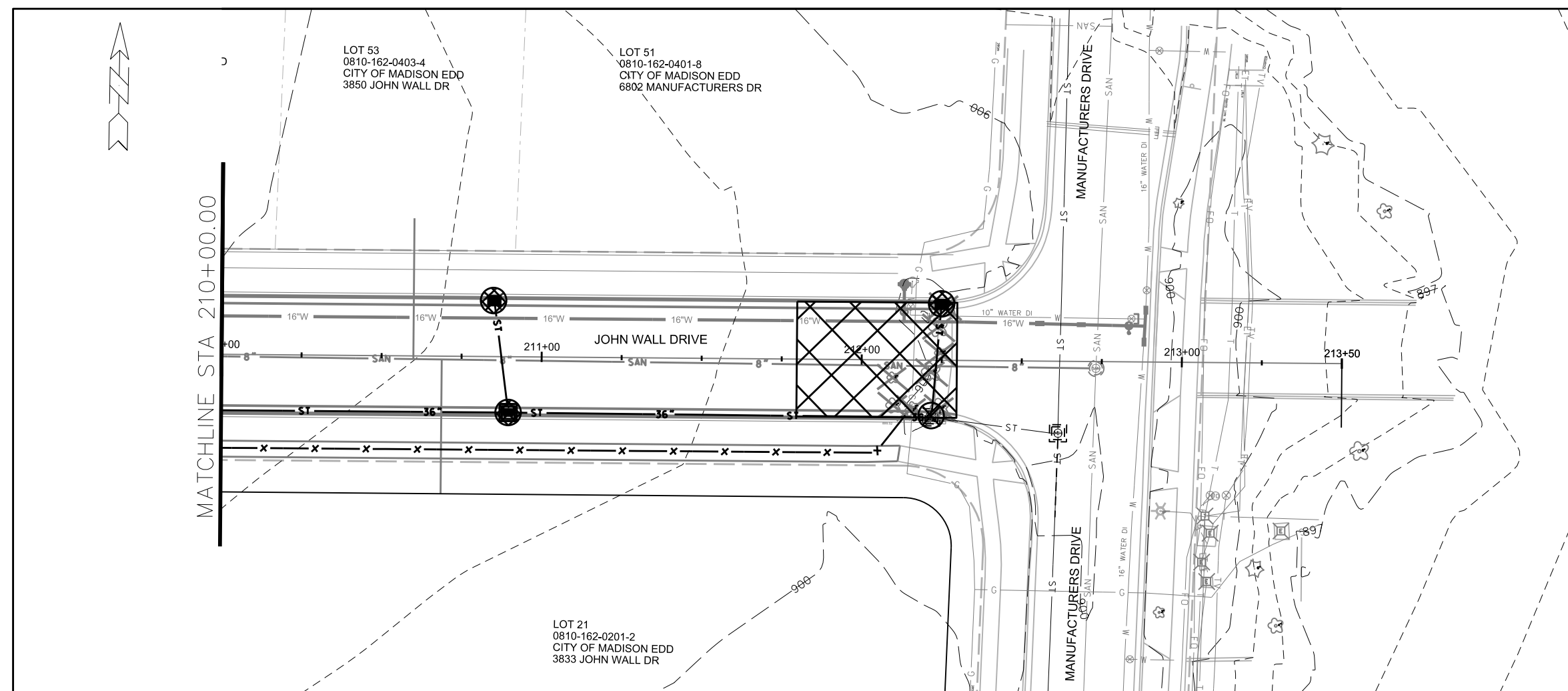
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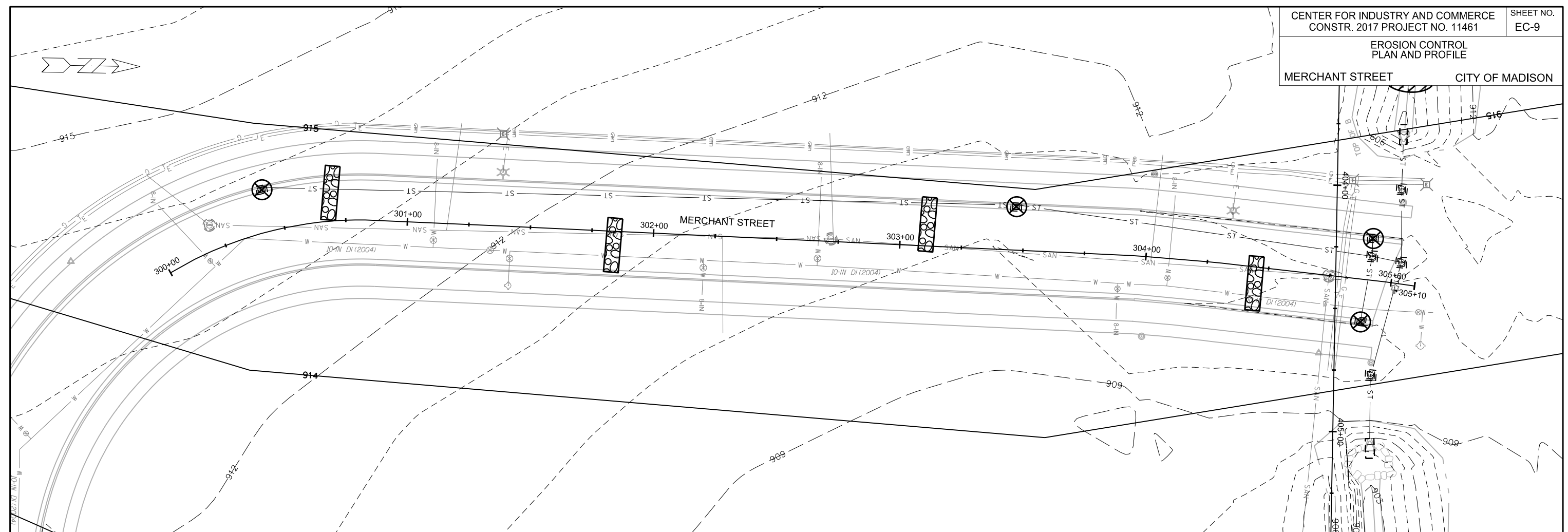
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PLOT SCALE:  
PLOT NAME:  
REV. DATE:  
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

EROSION CONTROL  
PLAN AND PROFILE  
MERCHANT STREET CITY OF MADISON

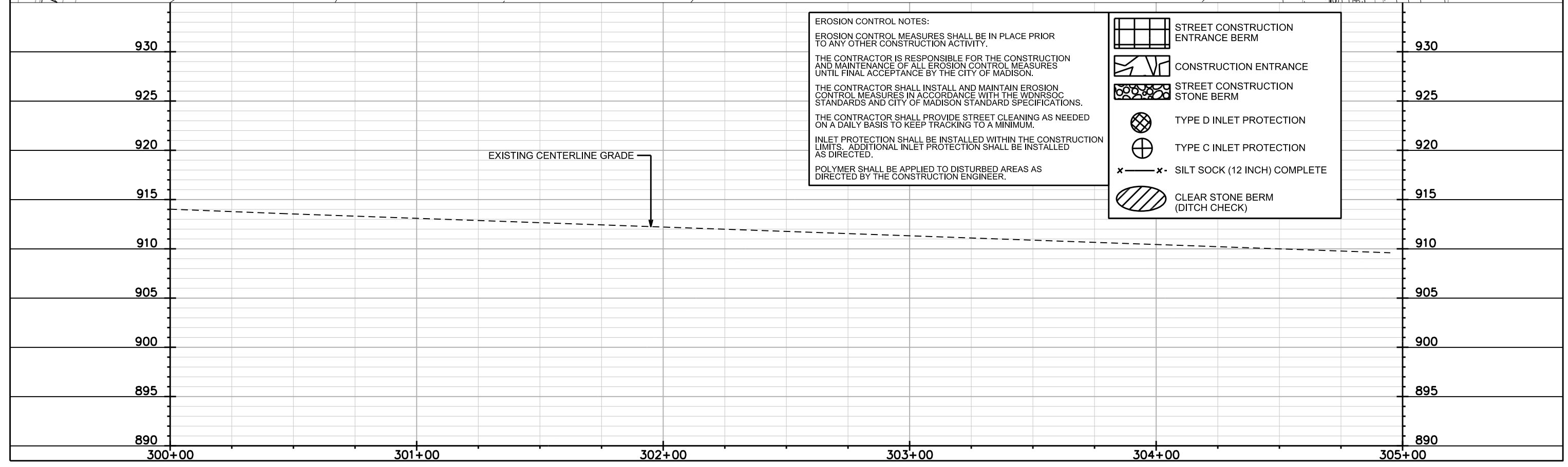


PLOT SCALE:








PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

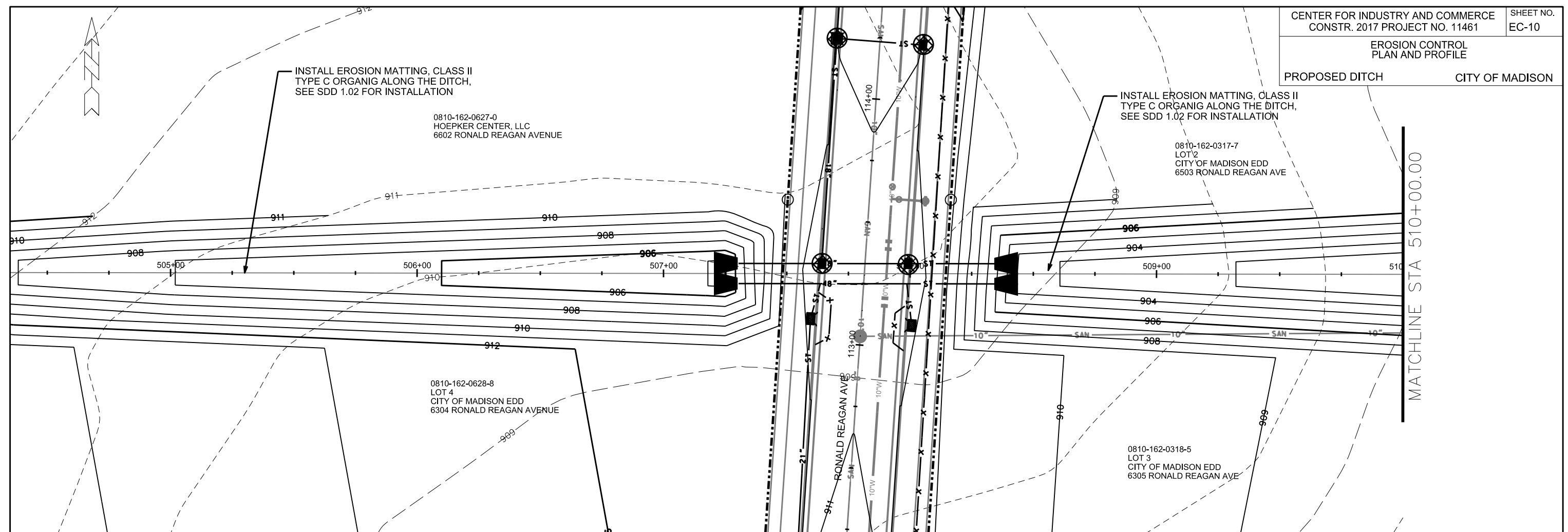


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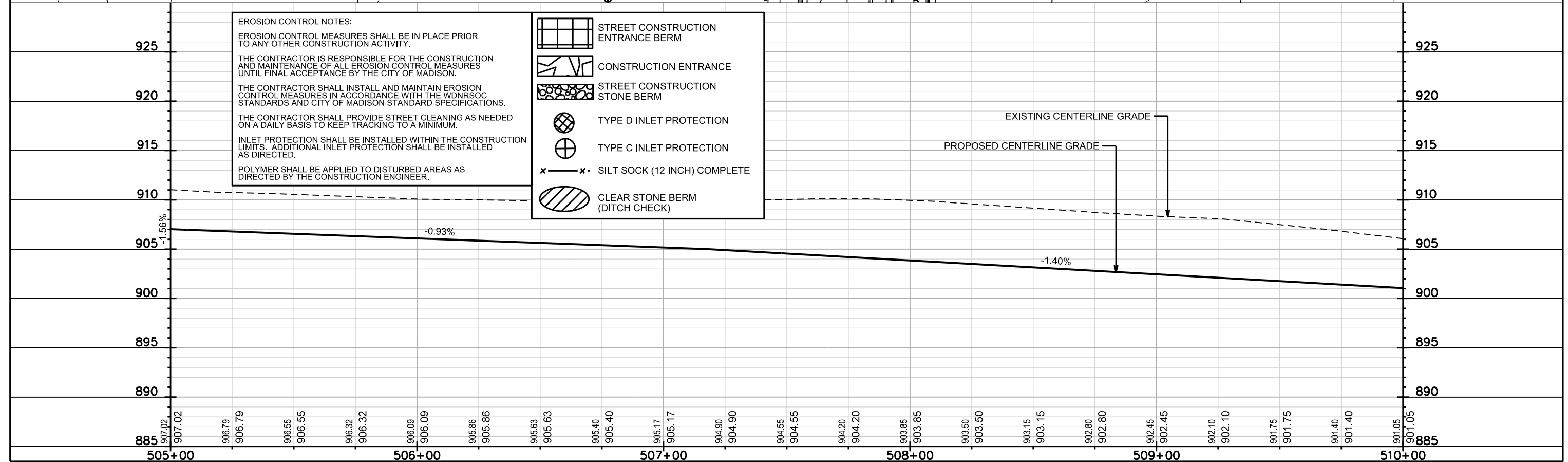
EROSION CONTROL  
PLAN AND PROFILE

PROPOSED DITCH CITY OF MADISON



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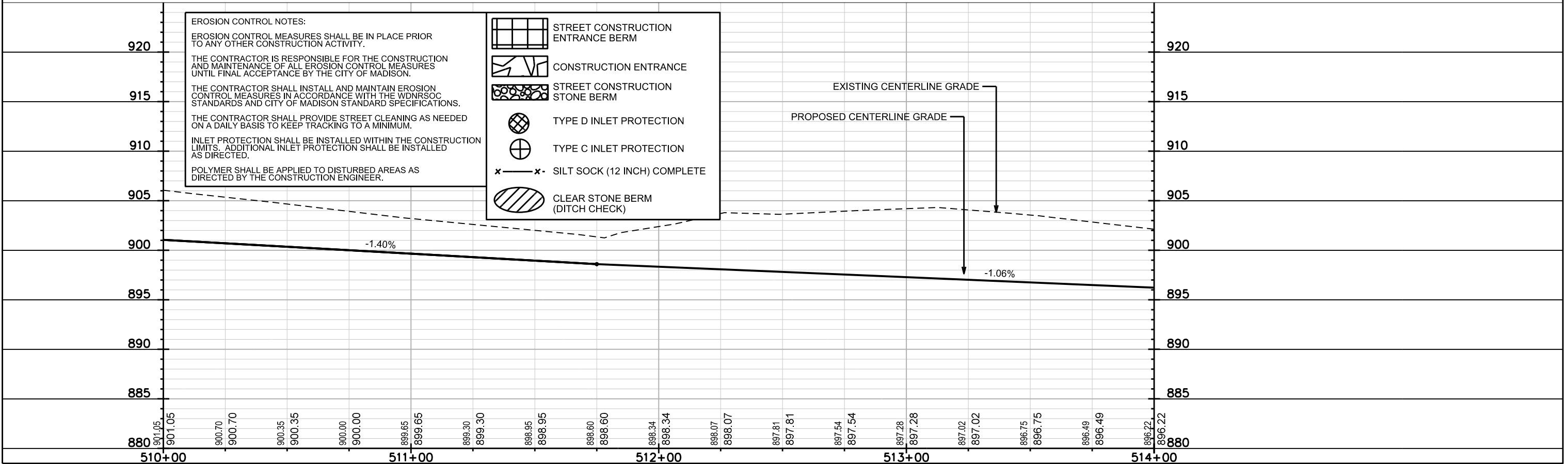
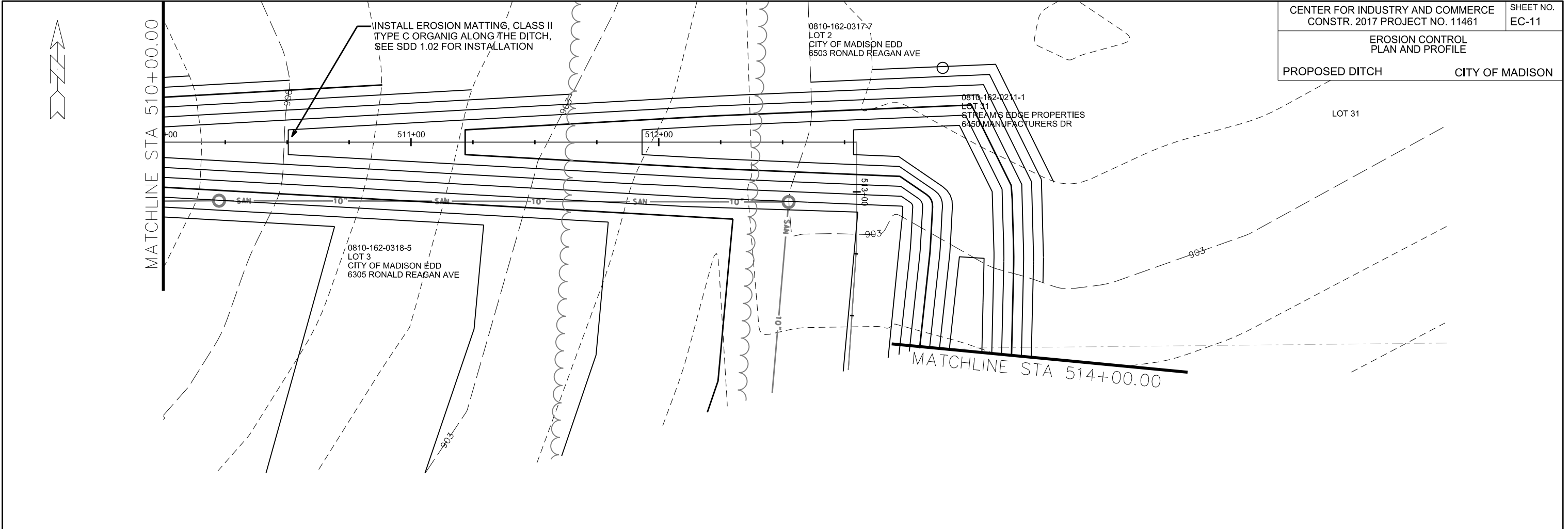


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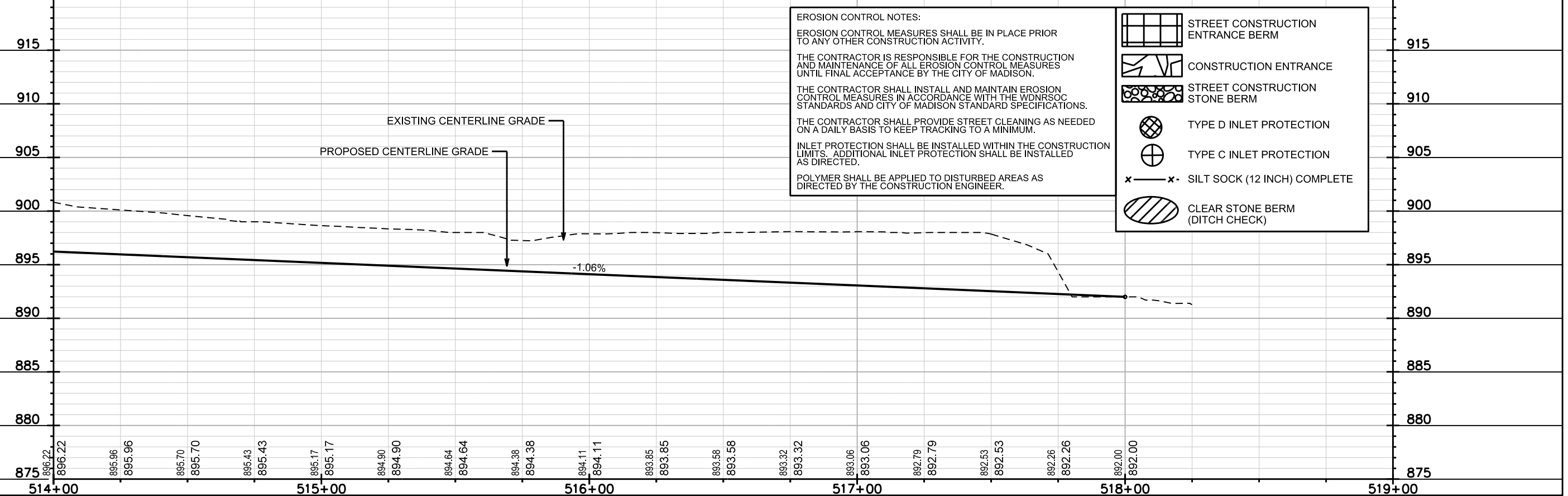
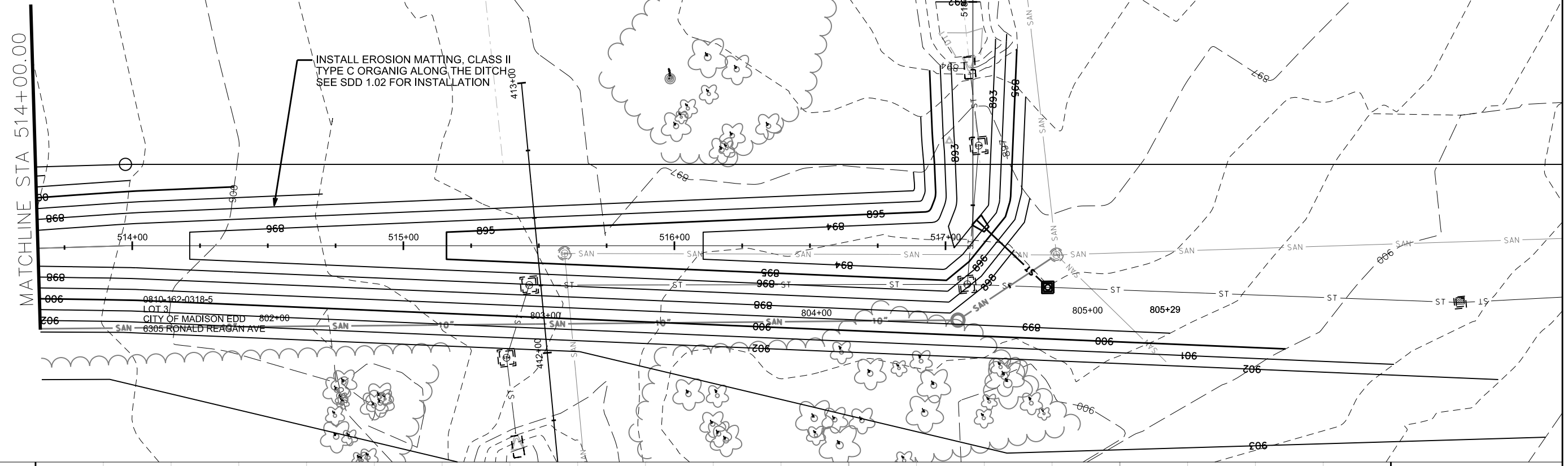


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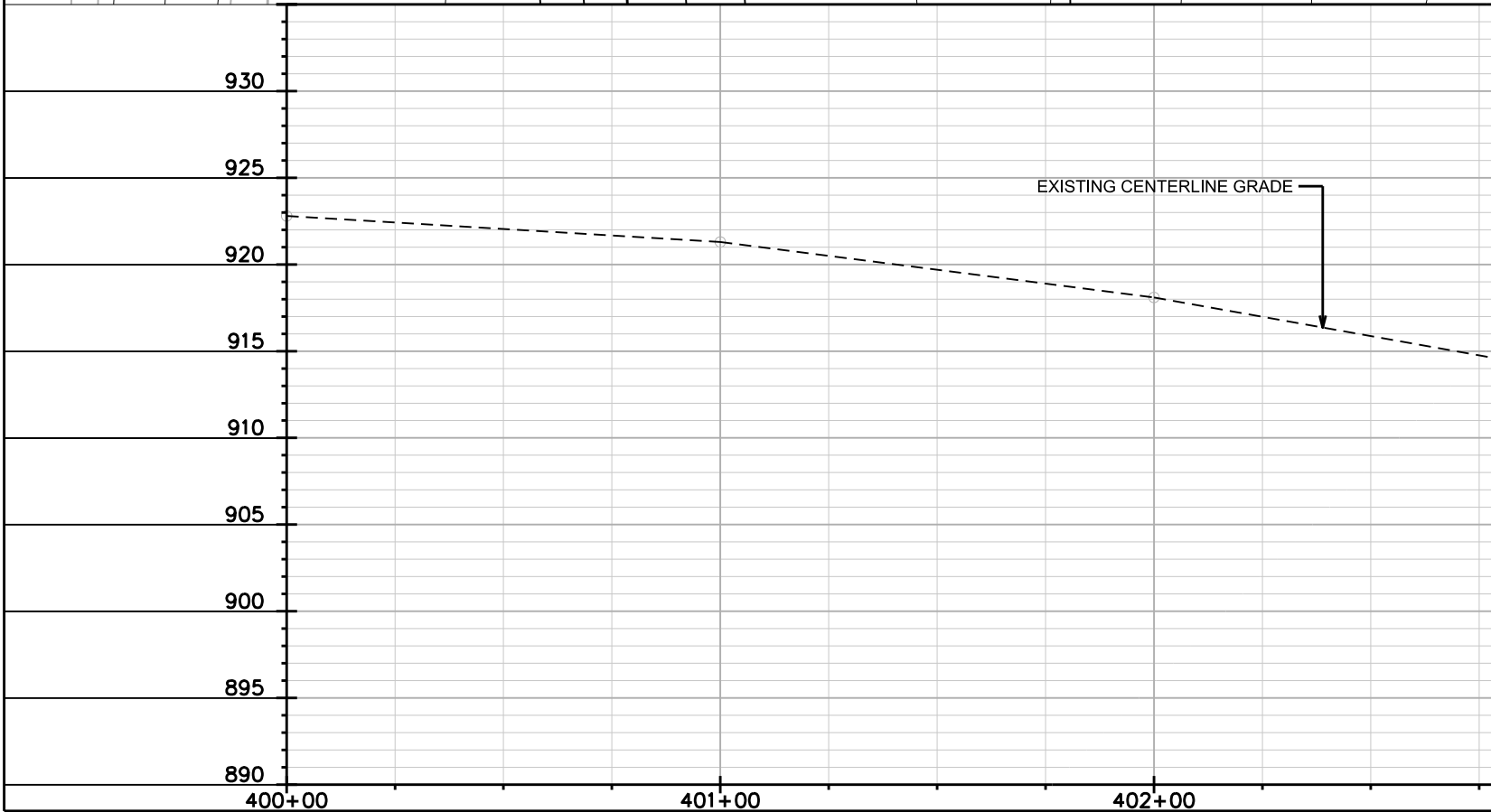
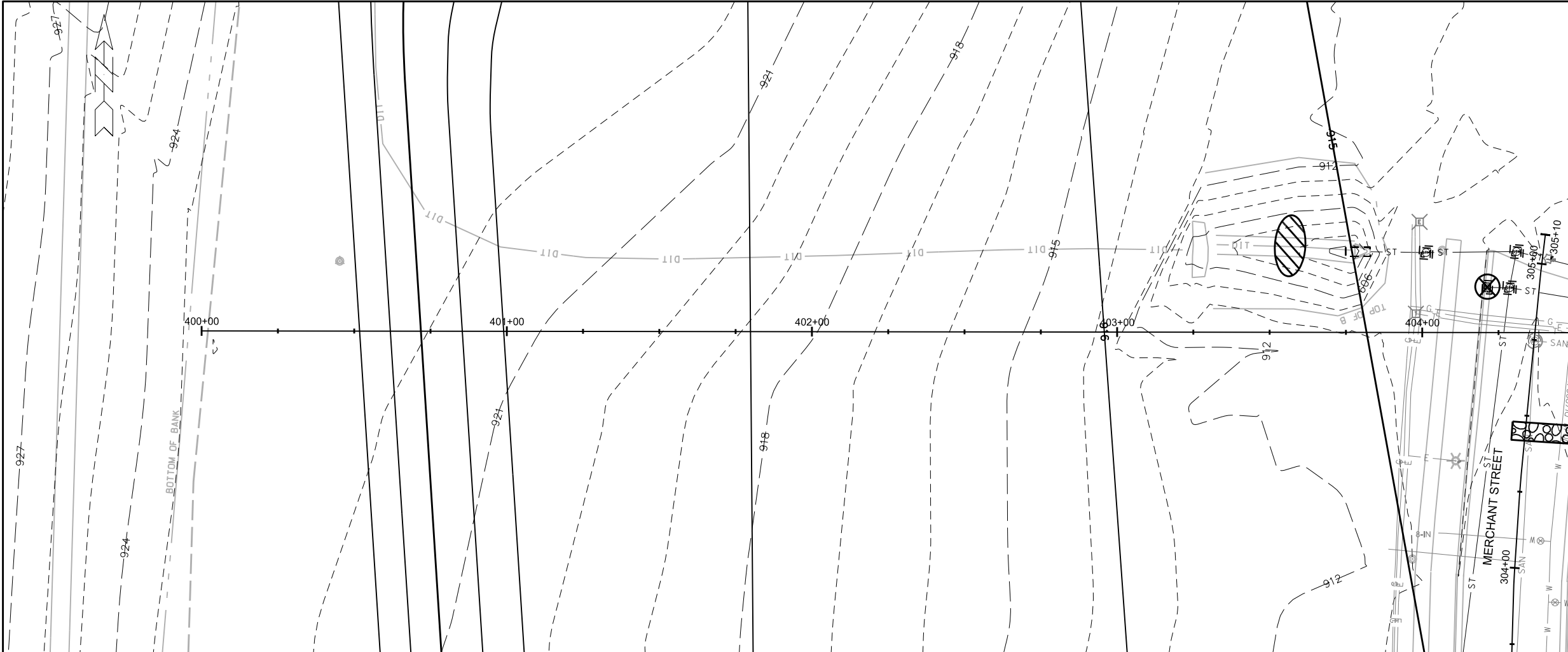
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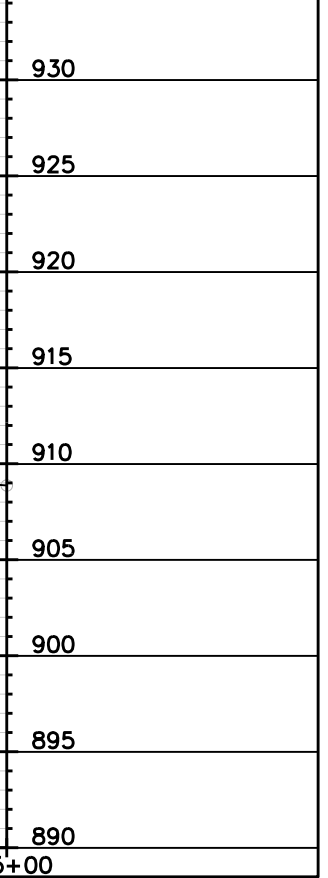
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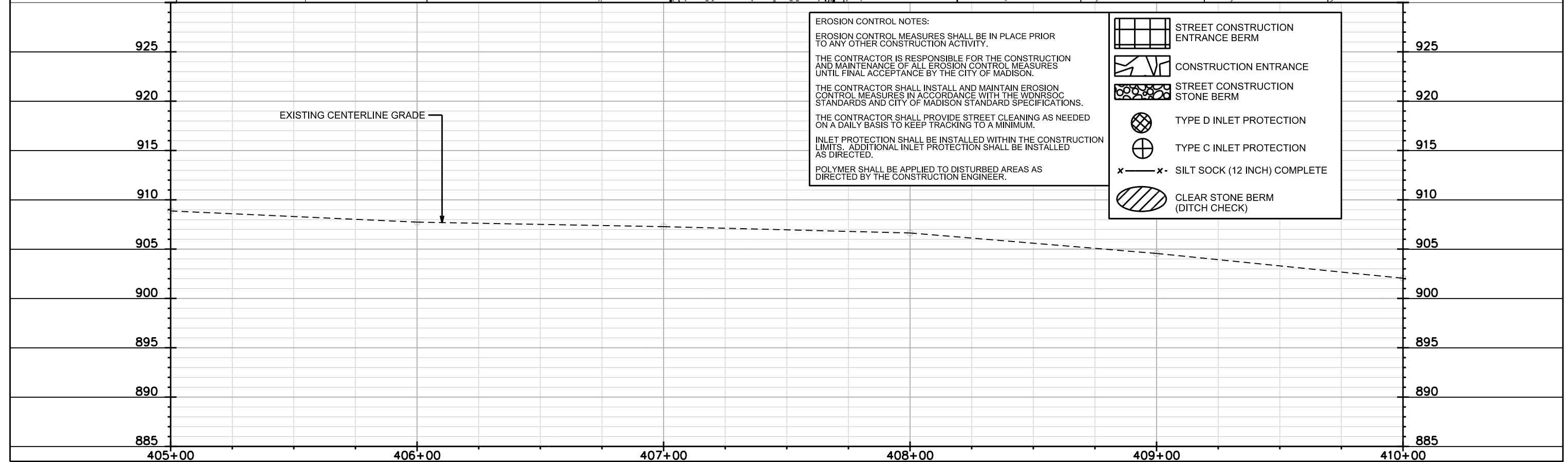
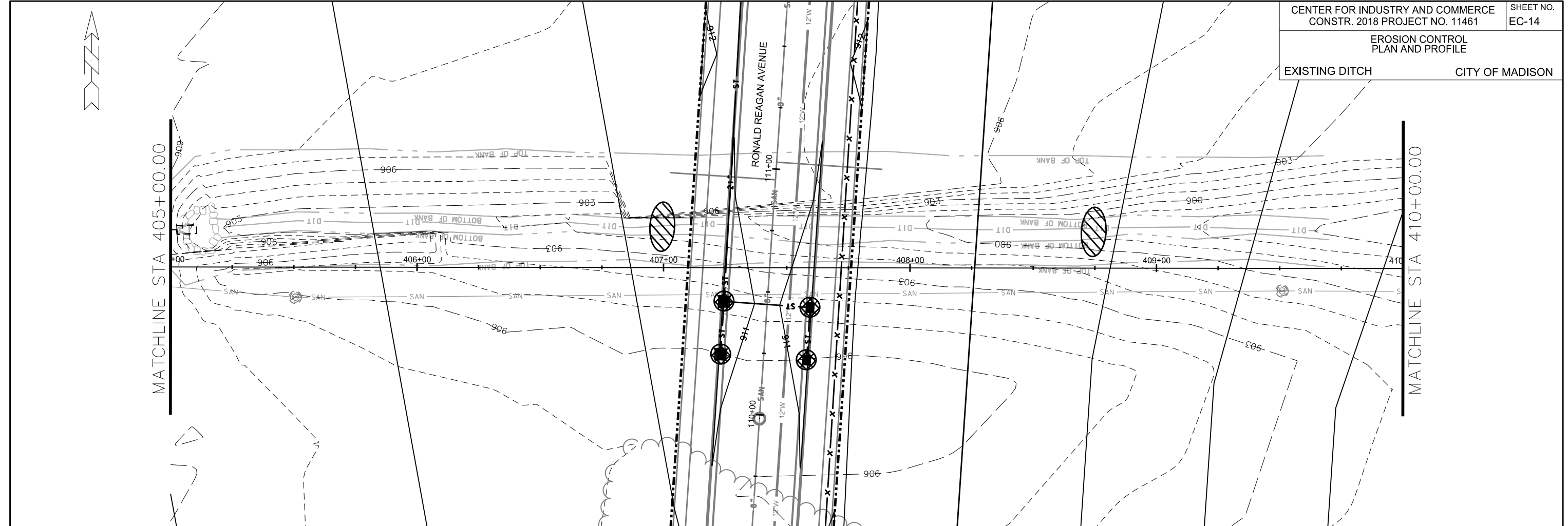
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




PLOT SCALE: \_\_\_\_\_  
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 REV. DATE: \_\_\_\_\_  
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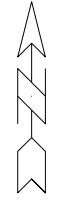
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EROSION CONTROL  
PLAN AND PROFILE

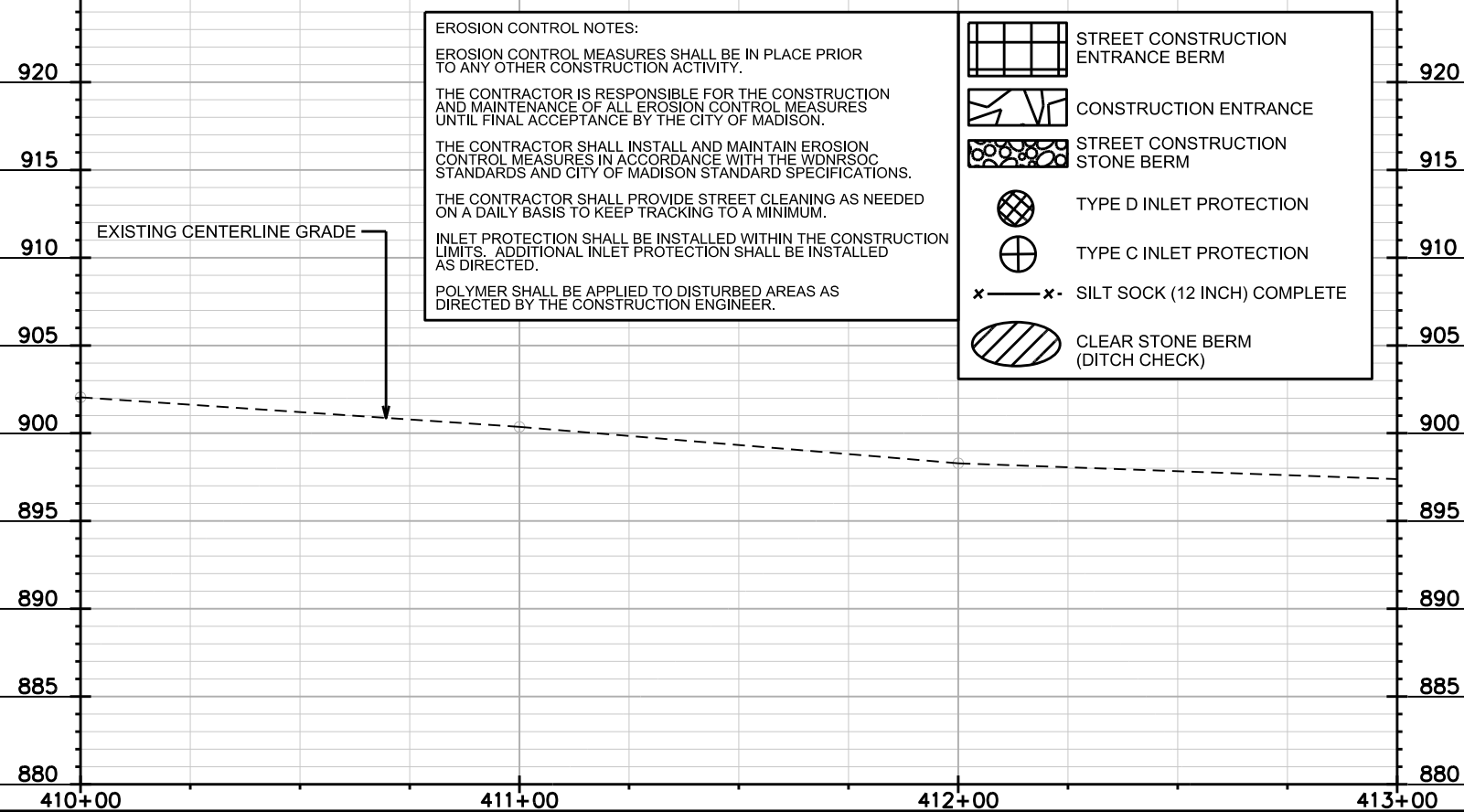
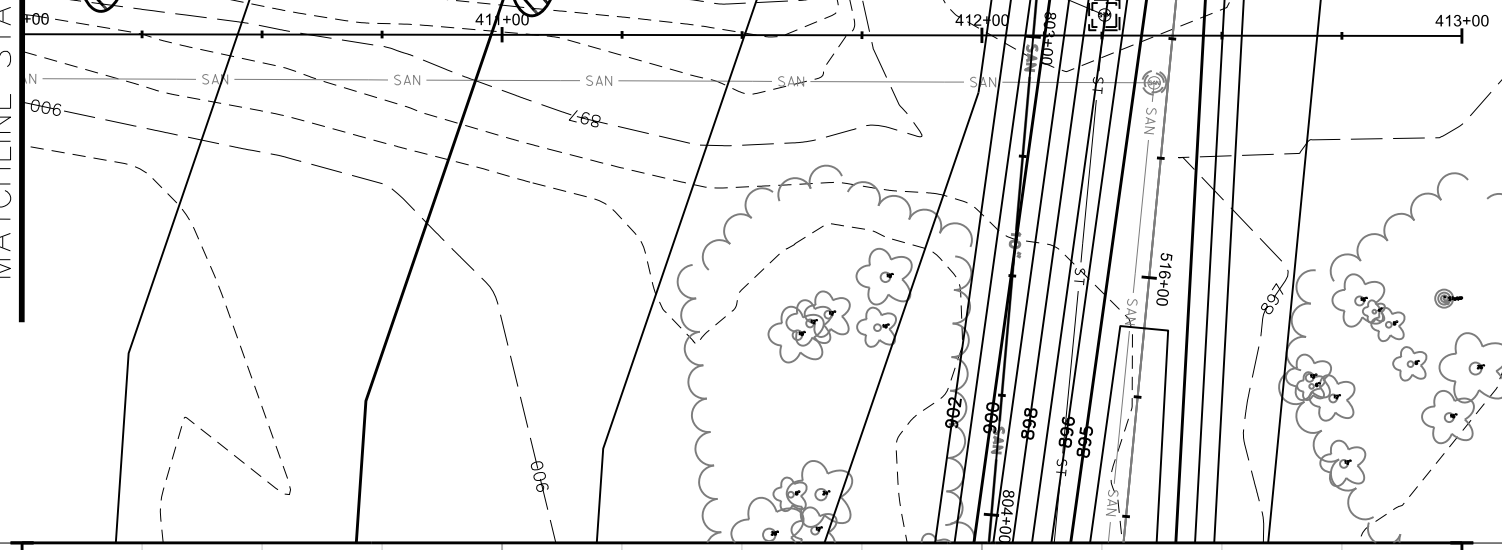
EXISTING DITCH CITY OF MADISON



MATCHLINE STA 410+00.00

0810-162-0318-5  
LOT 3  
CITY OF MADISON EDD  
6305 RONALD REAGAN AVE

INSTALL EROSION MATTING, CLASS II  
TYPE C ORGANIG ALONG THE DITCH,  
SEE SDD 1.02 FOR INSTALLATION



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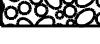




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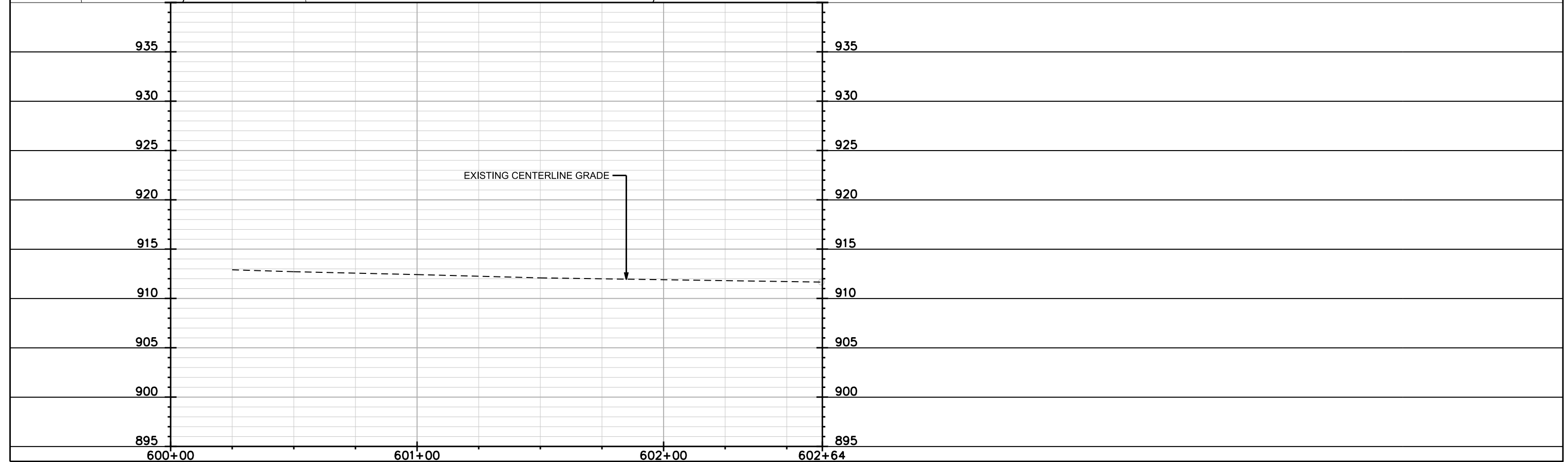
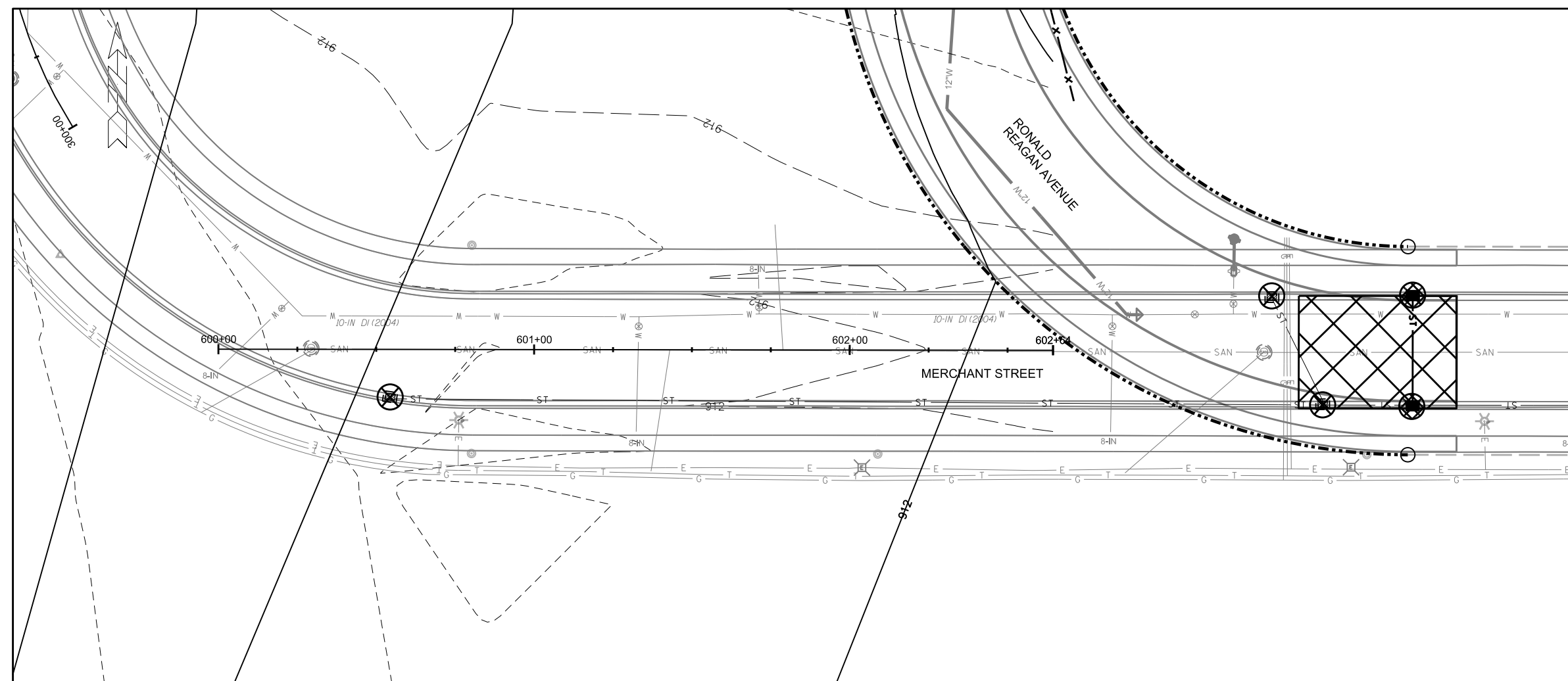
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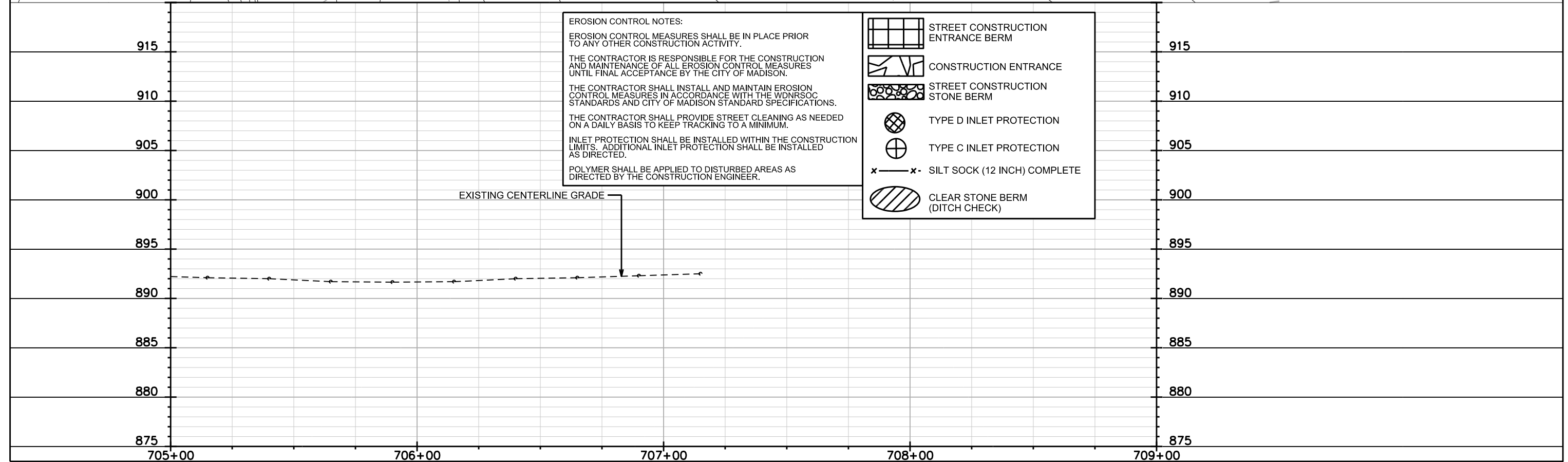
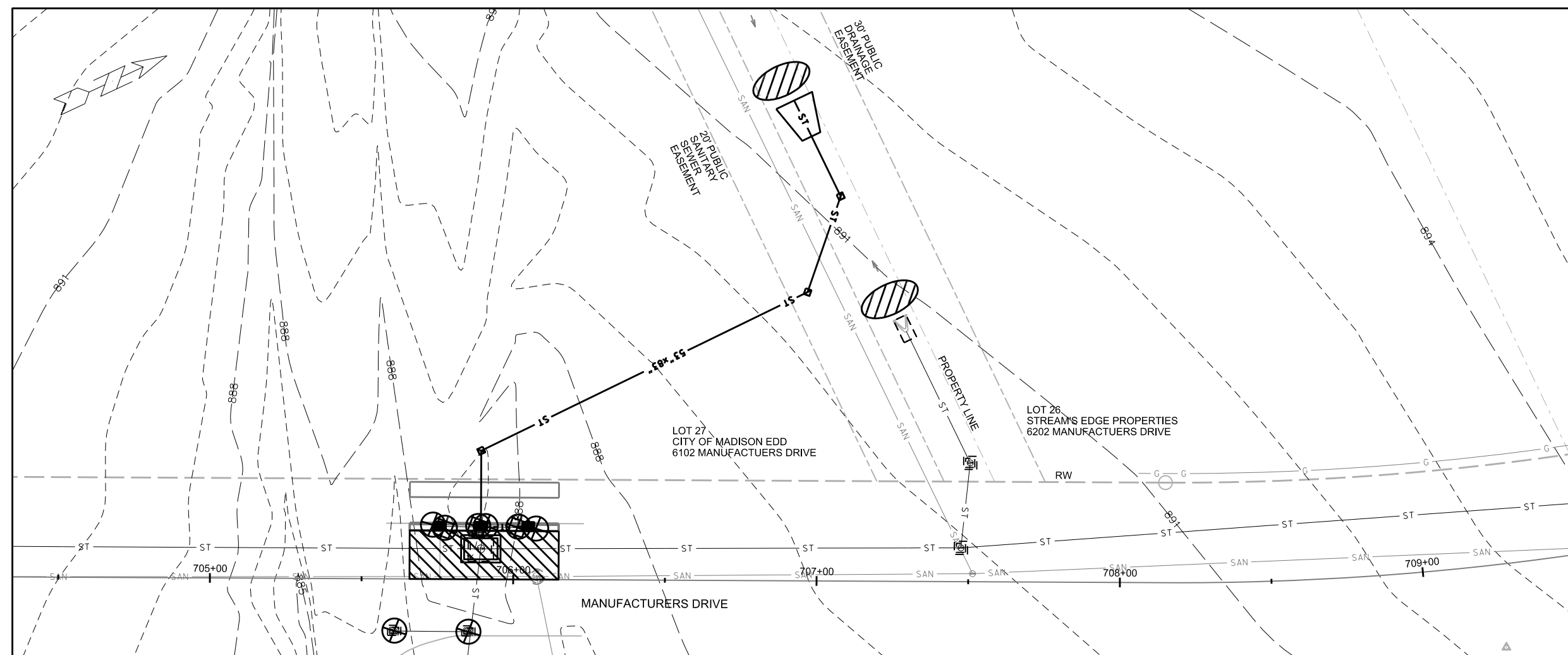
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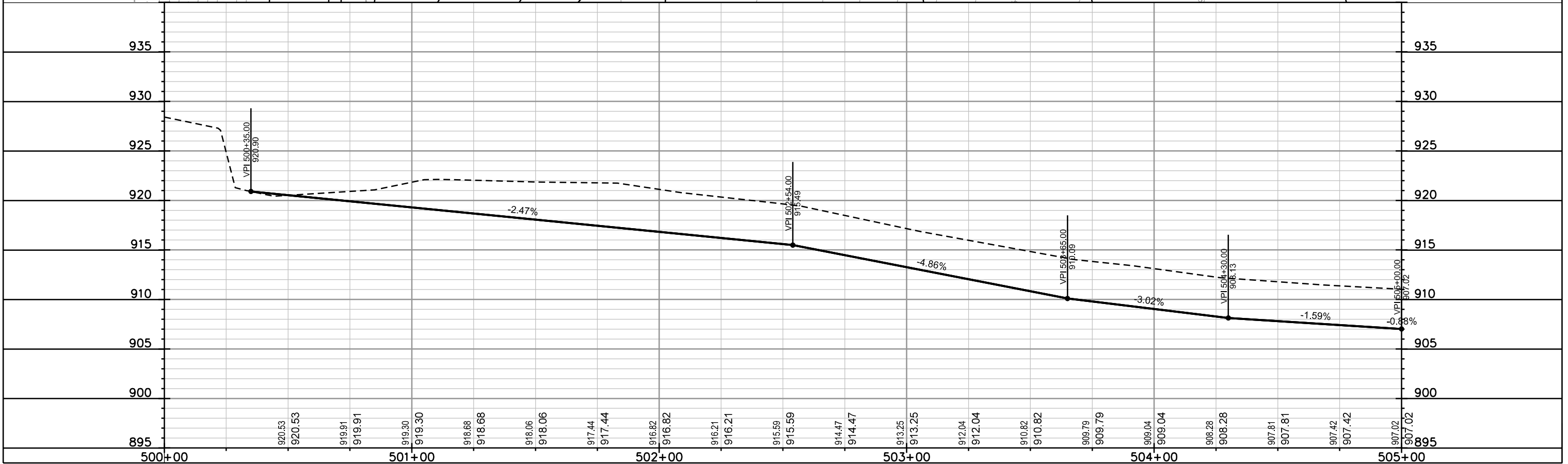
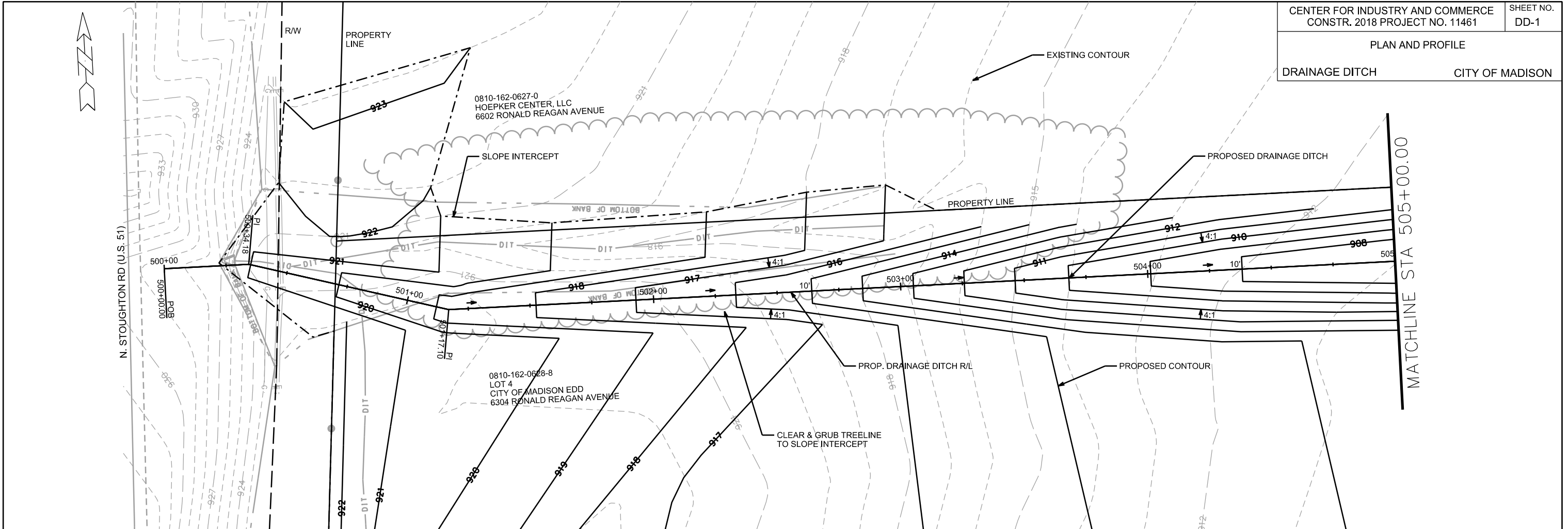
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 ORIGINATOR: CITY OF MADISON, STREETS DIVISION





PLOT SCALE: \_\_\_\_\_

PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



0810-162-0627-0  
HOEPKER CENTER, LLC  
6602 RONALD REAGAN AVENUE

0810-162-0627-0  
HOEPKER CENTER, LLC  
6602 RONALD REAGAN AVENUE

0810-162-0627-0  
HOEPKER CENTER, LLC  
6602 RONALD REAGAN AVENUE

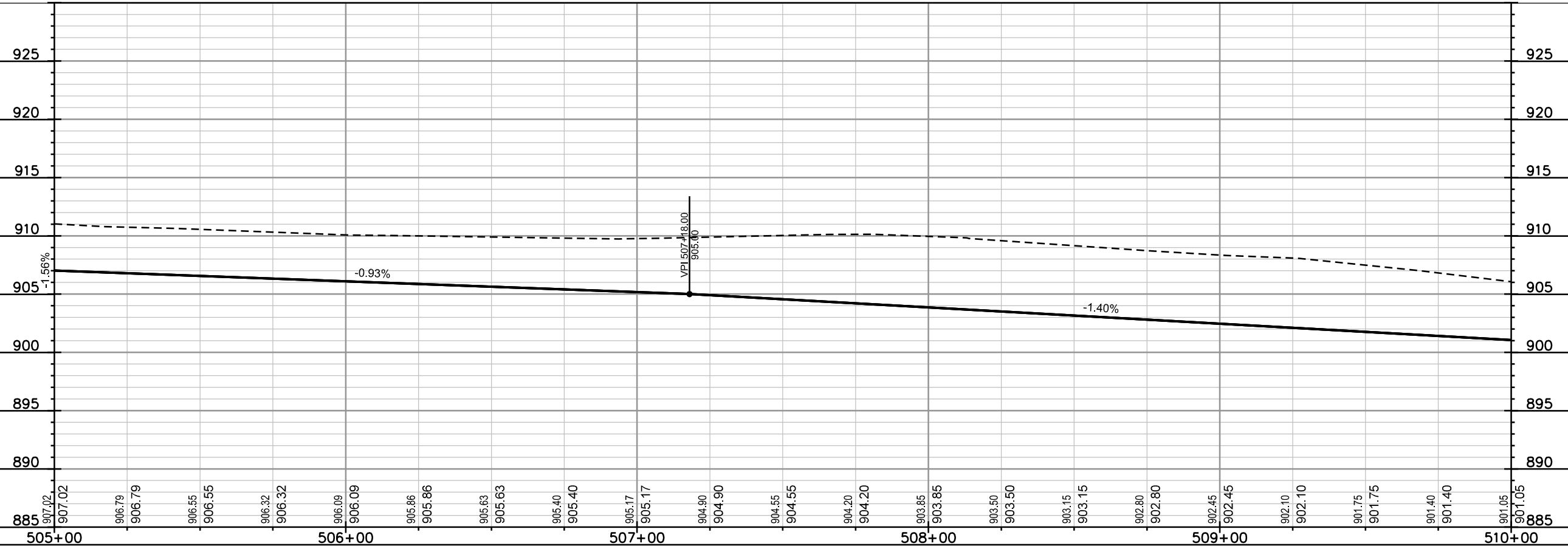
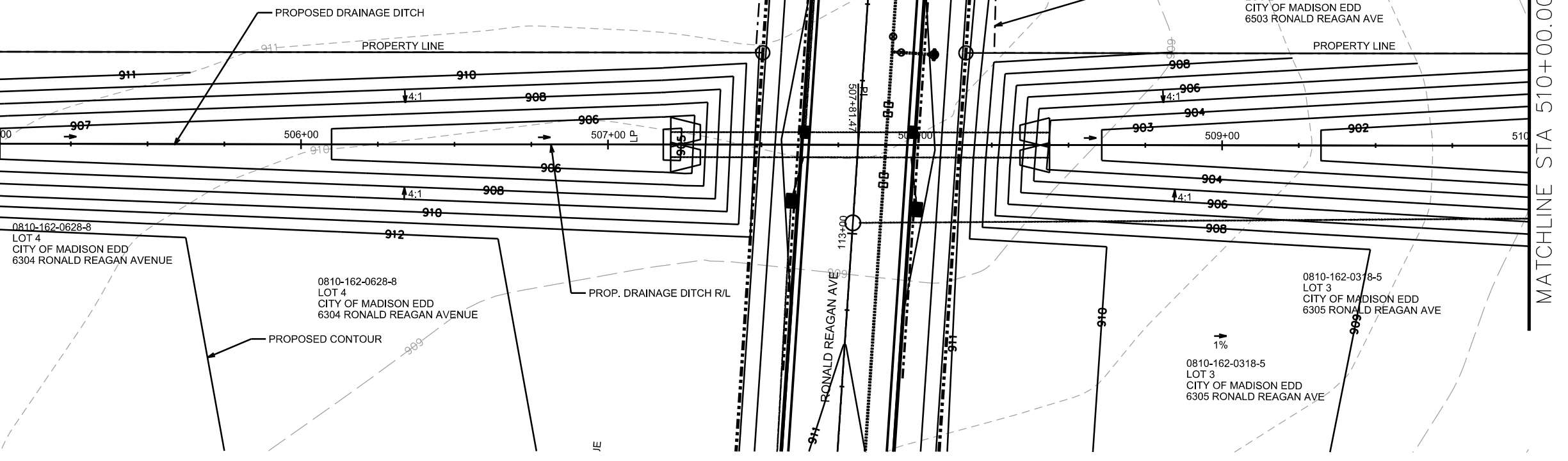
0810-162-0317-7  
LOT 2  
CITY OF MADISON EDD  
6503 RONALD REAGAN AVE

0810-162-0317-7  
LOT 2  
CITY OF MADISON EDD  
6503 RONALD REAGAN AVE

EXISTING CONTOUR

MATCHLINE STA 505+00.00

MATCHLINE STA 510+00.00

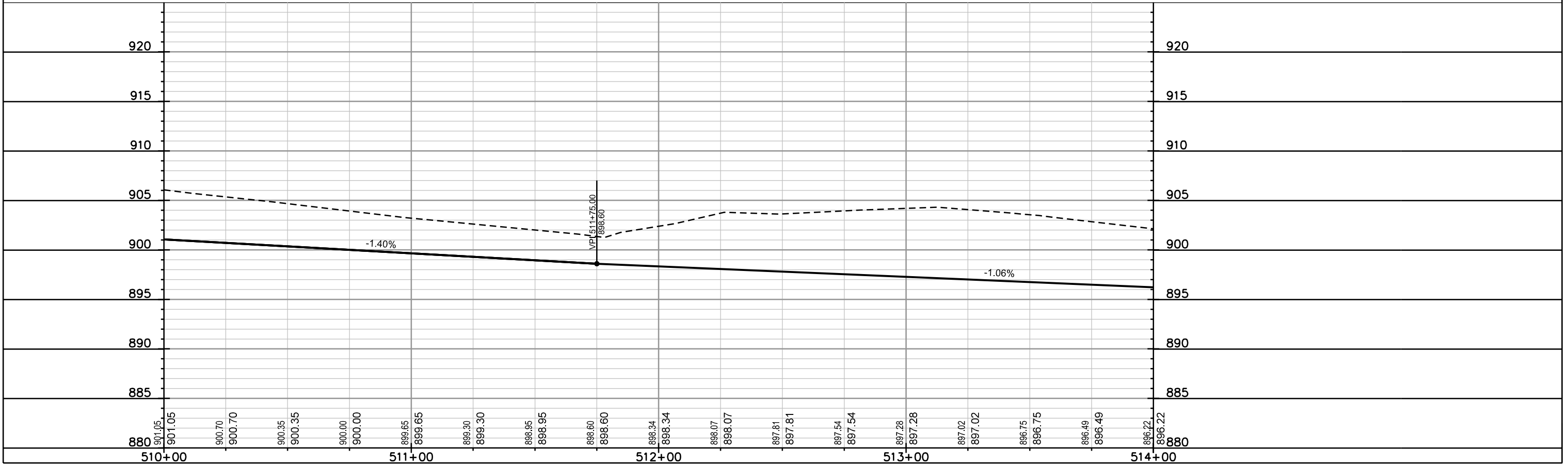
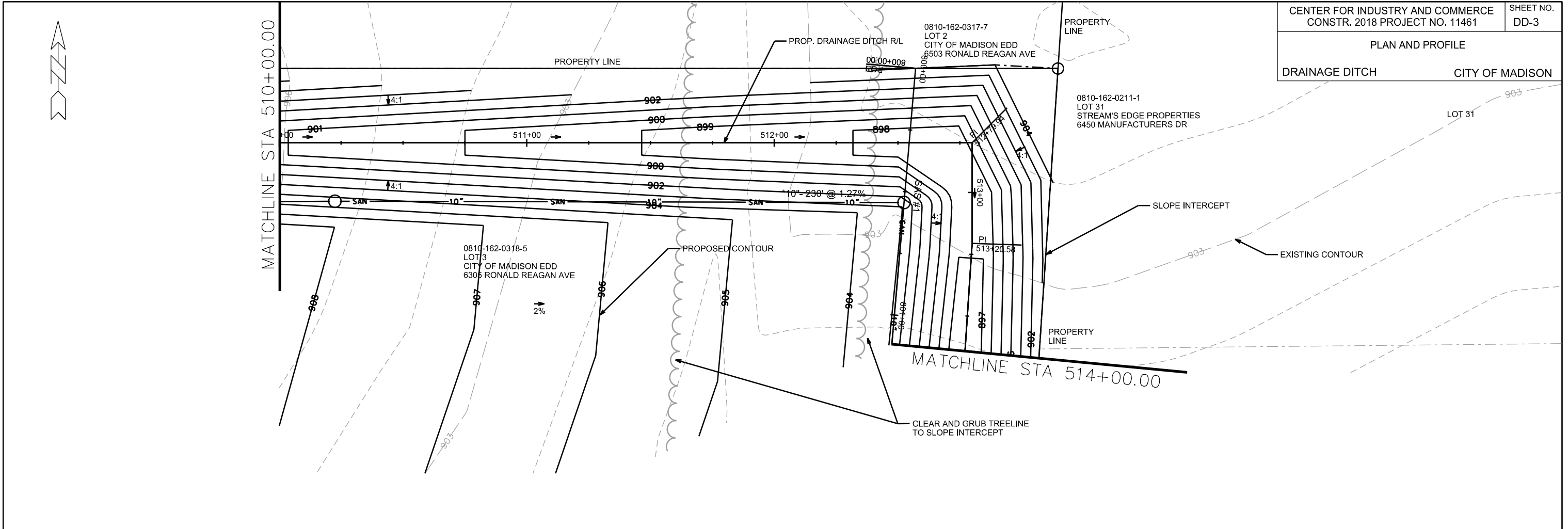


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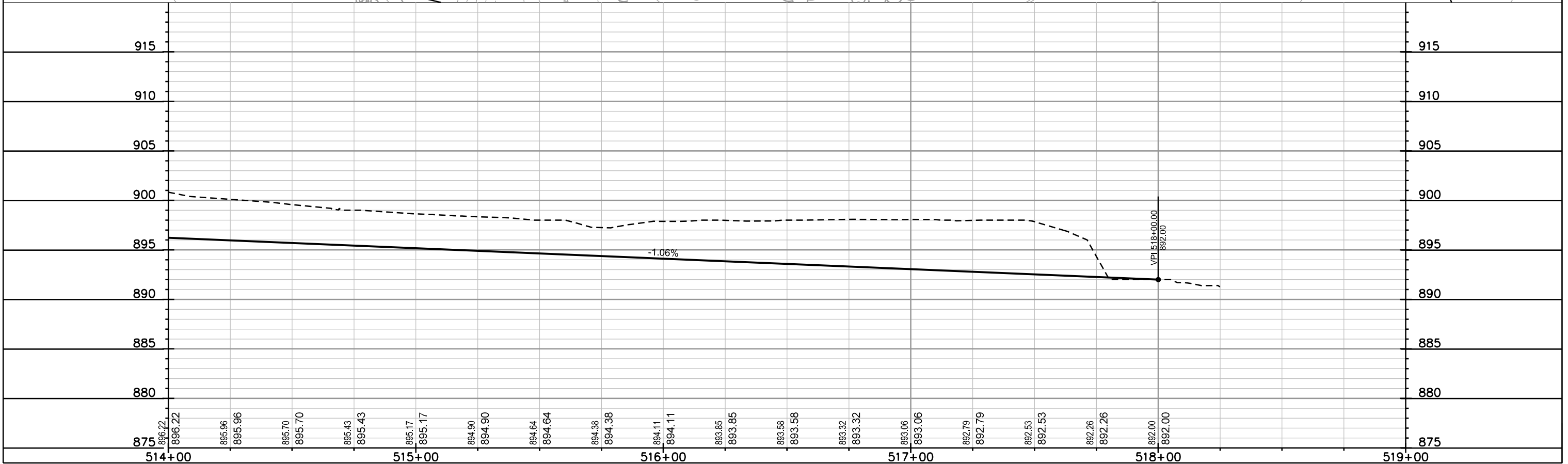
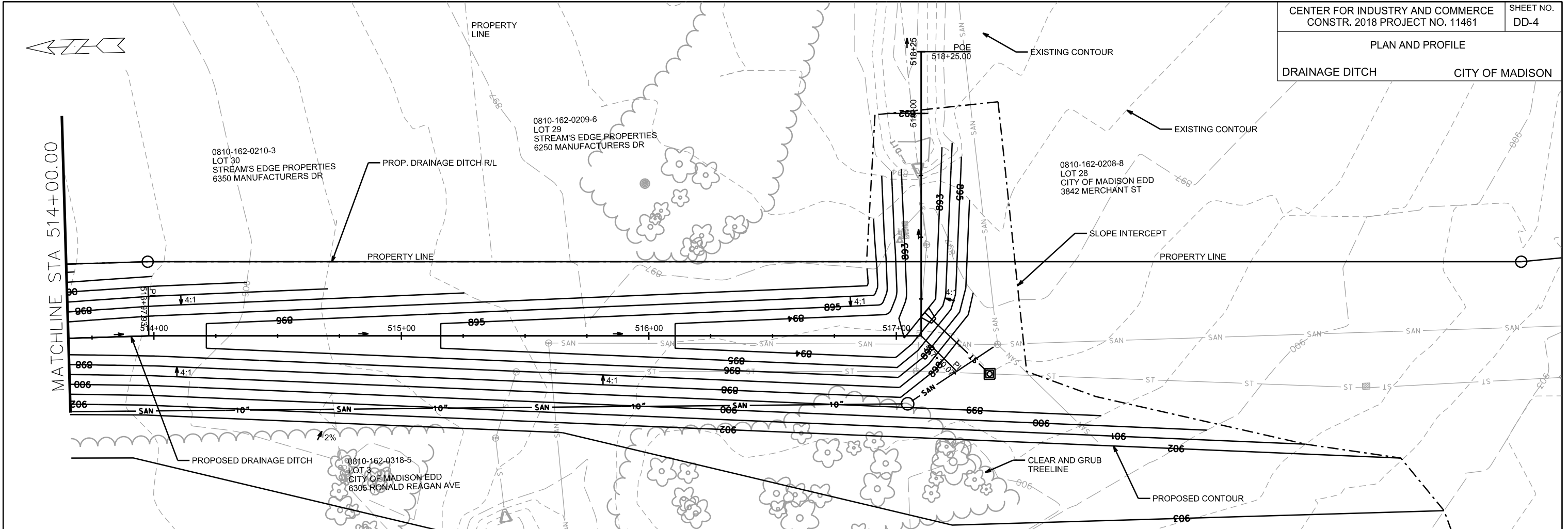


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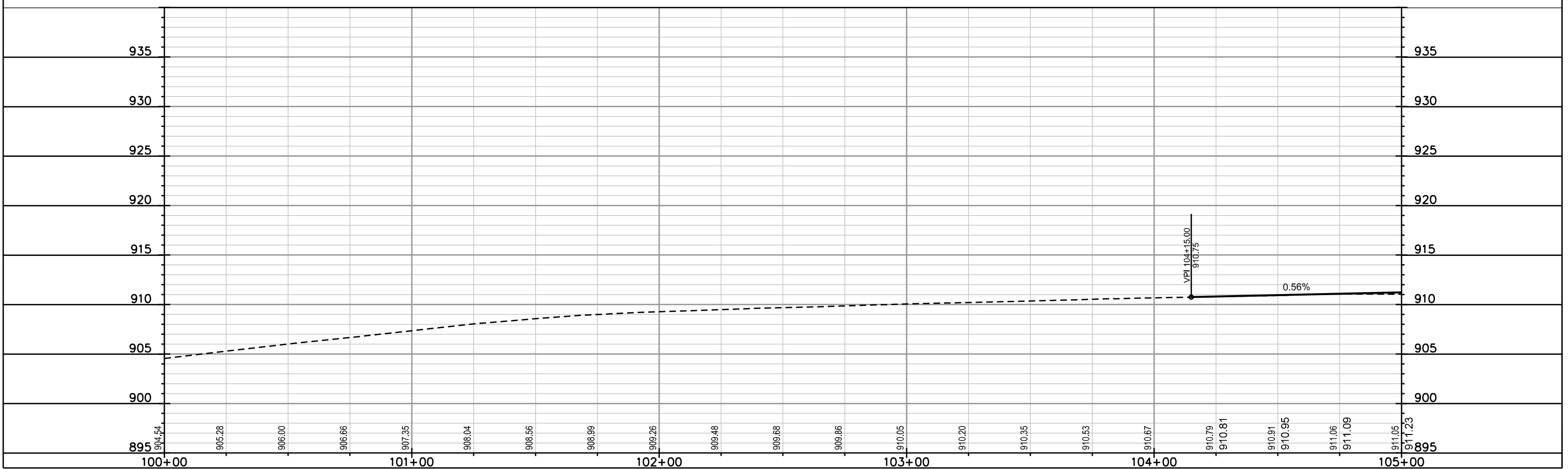
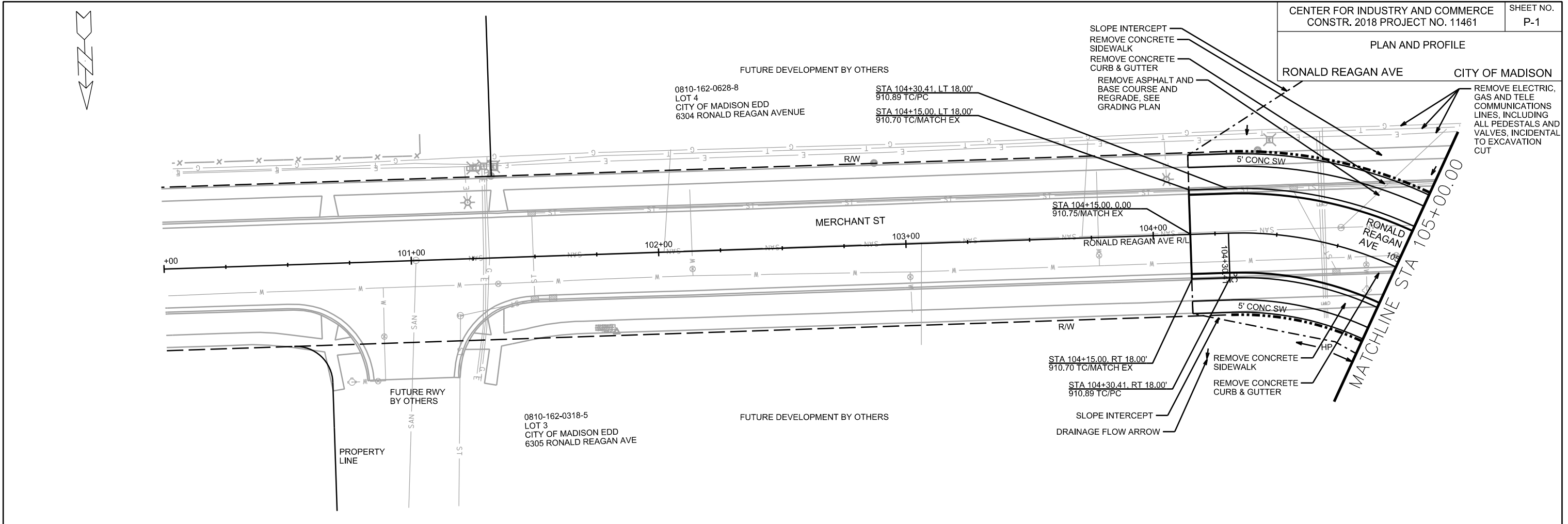
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PLAN AND PROFILE

RONALD REAGAN AVE CITY OF MADISON

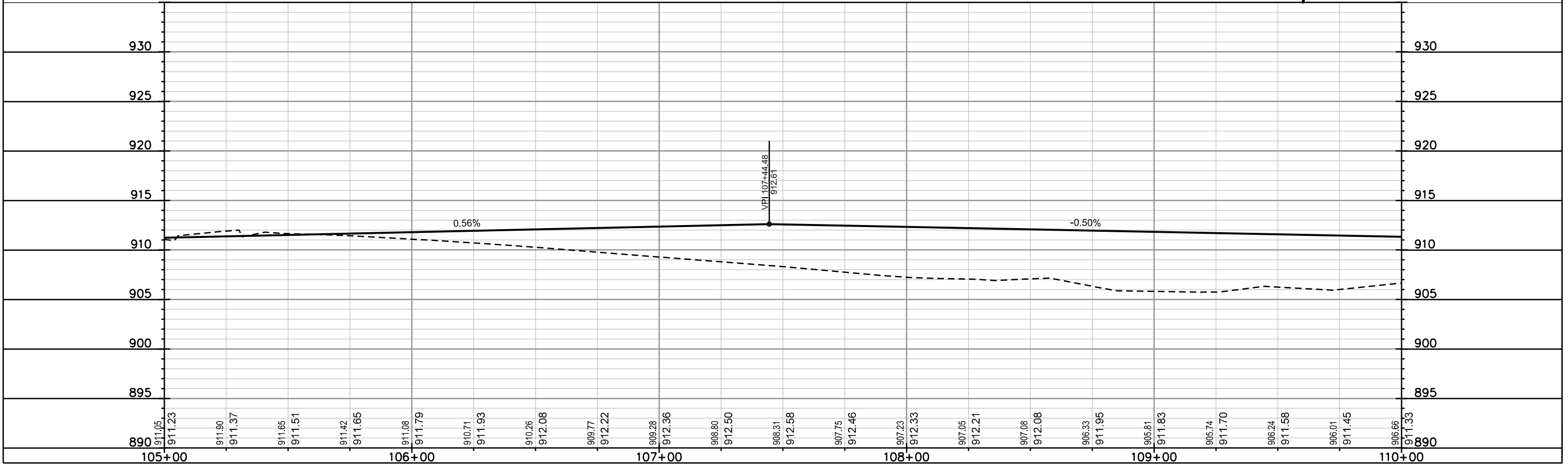
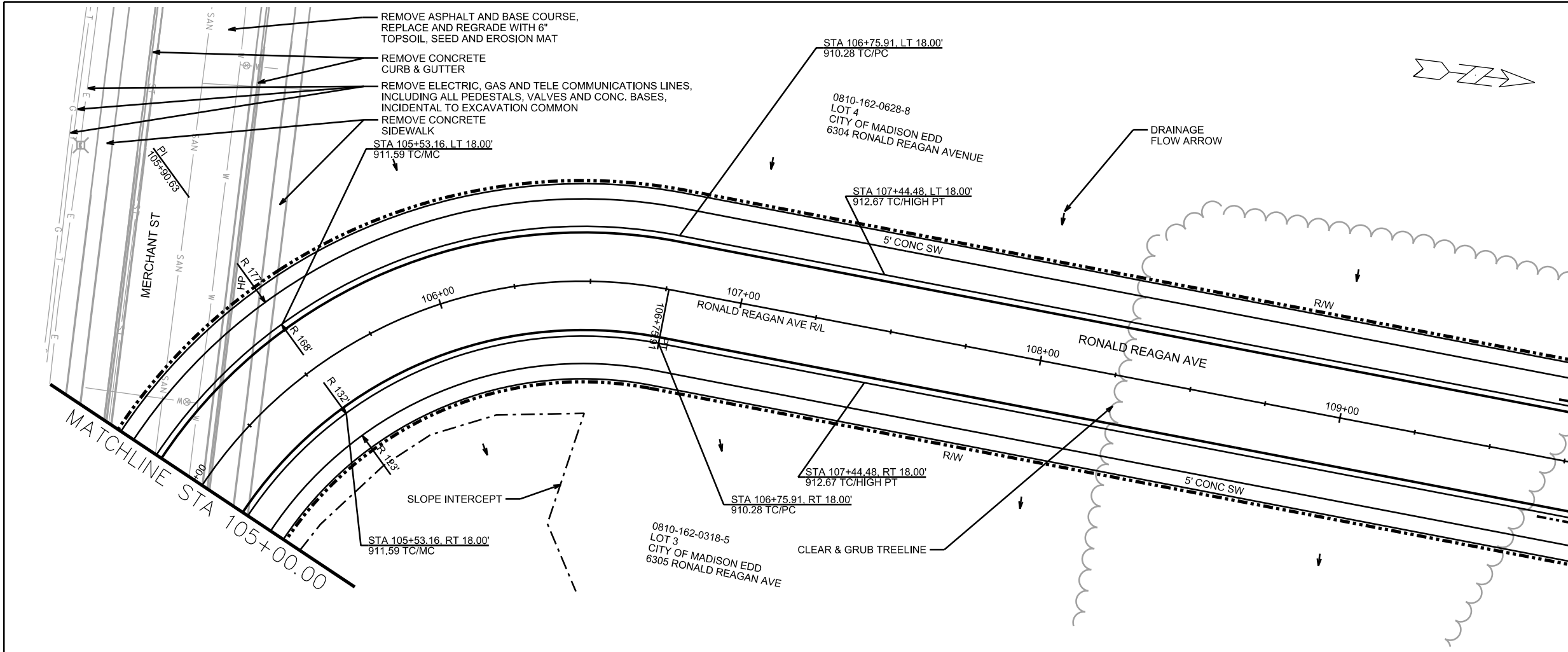


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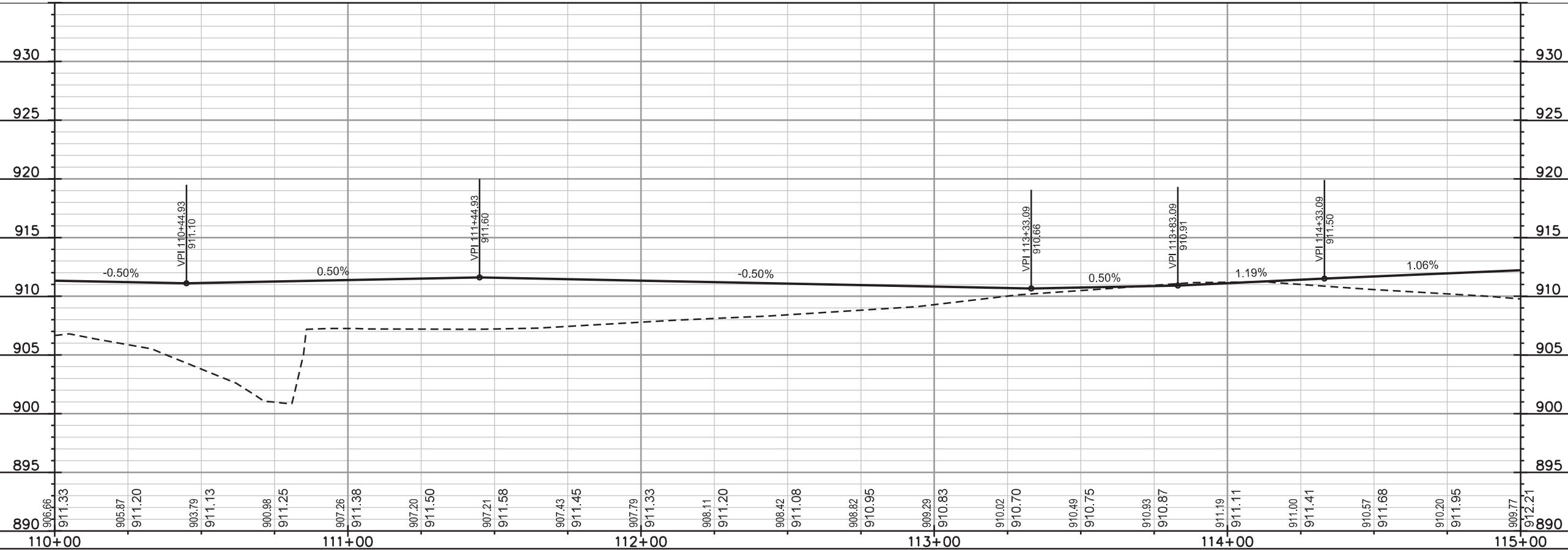
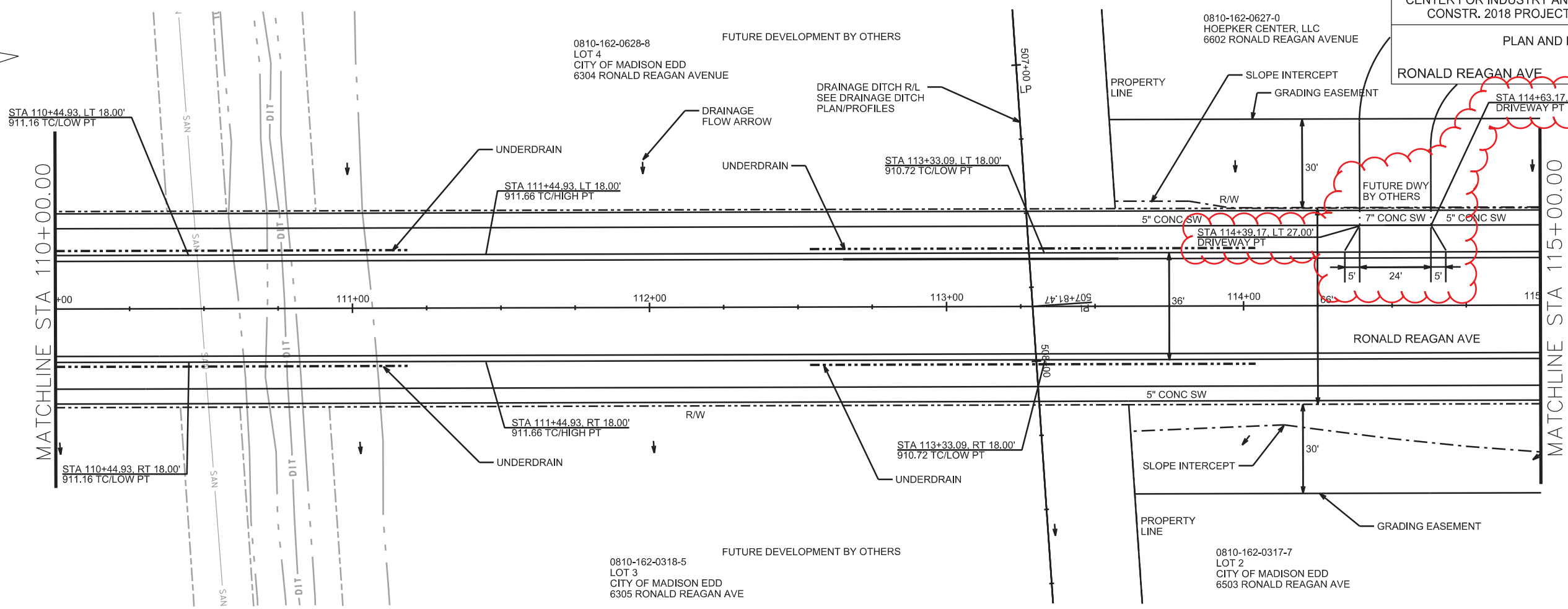
REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLAN AND PROFILE

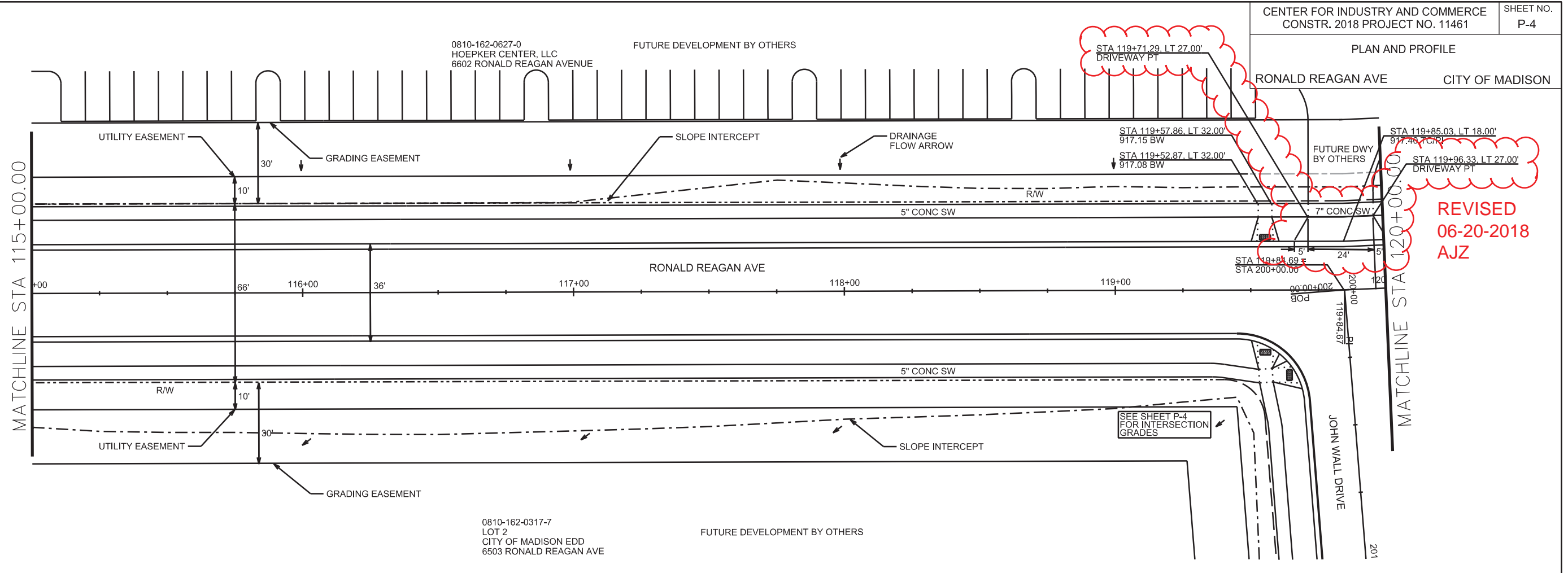
RONALD REAGAN AVE CITY OF MADISON

REVISED  
06-20-2018  
AJZ  
REVISED  
07-10-2018  
AJZ

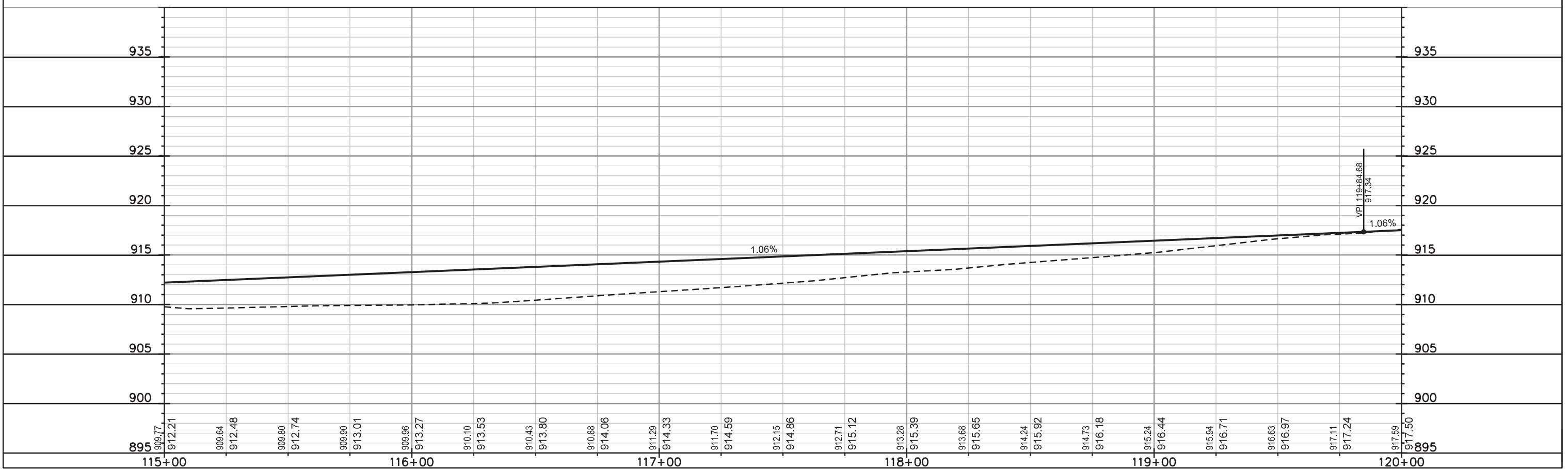


PLOT SCALE: \_\_\_\_\_  
PLOT NAME: \_\_\_\_\_  
REV. DATE: \_\_\_\_\_  
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLAN AND PROFILE  
RONALD REAGAN AVE CITY OF MADISON



REVISED  
06-20-2018  
AJZ



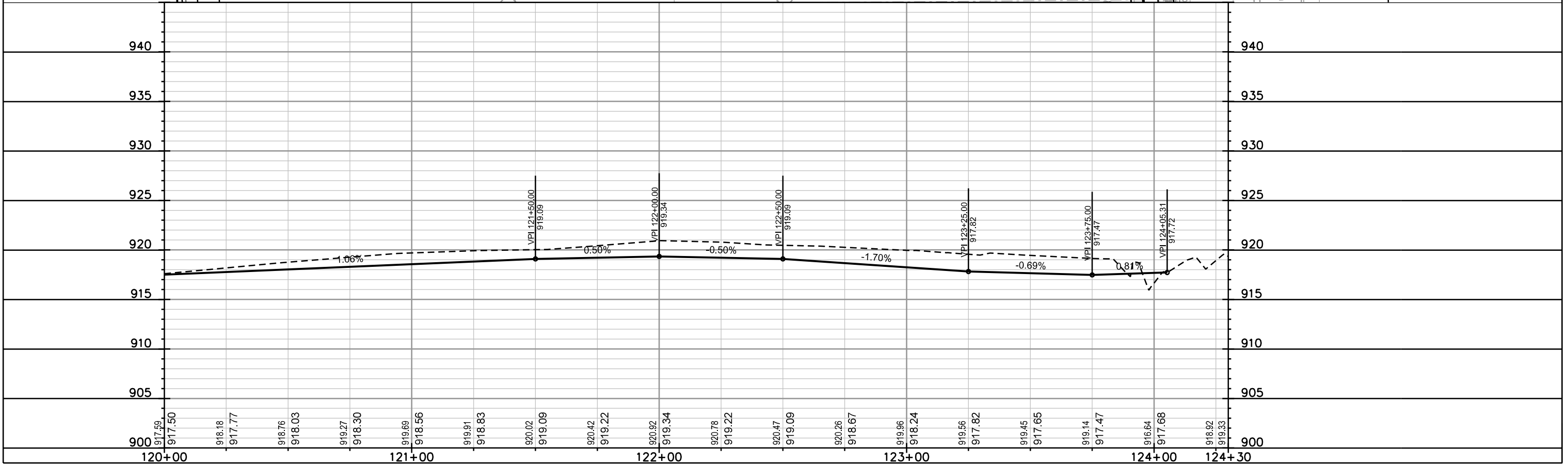
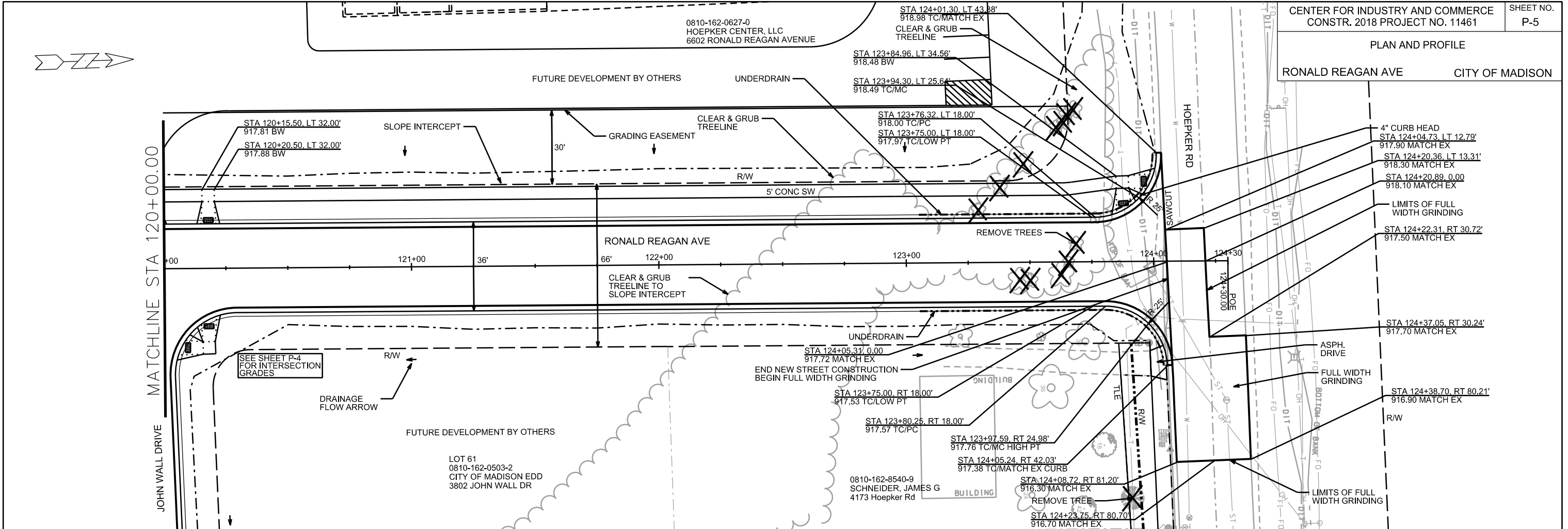
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PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLAN AND PROFILE  
RONALD REAGAN AVE CITY OF MADISON



PLOT SCALE: \_\_\_\_\_

PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

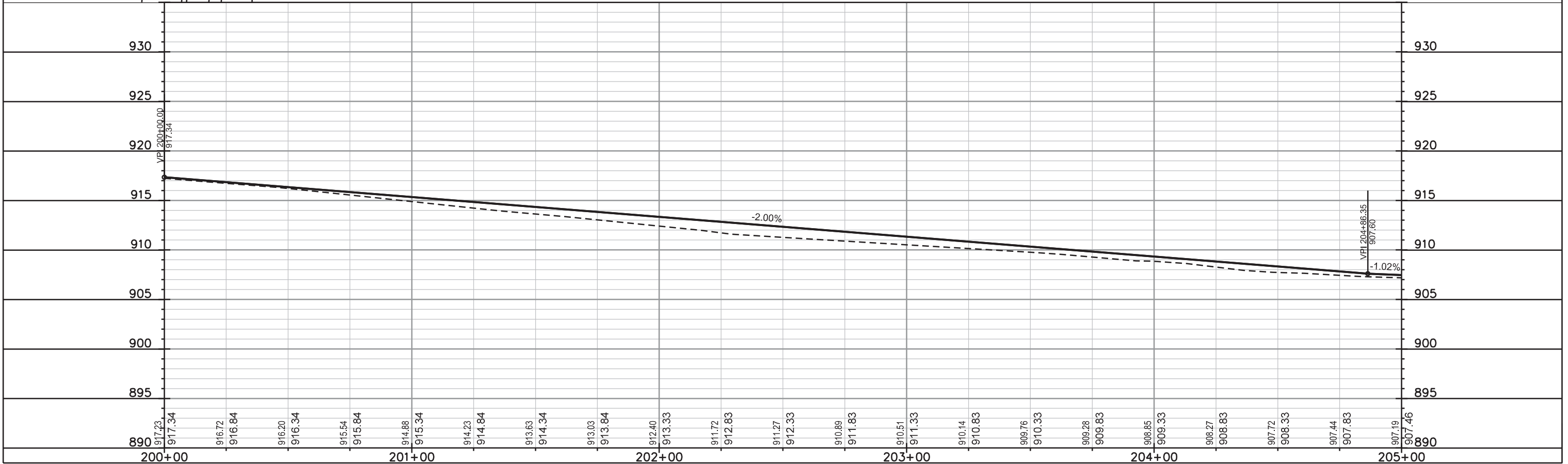
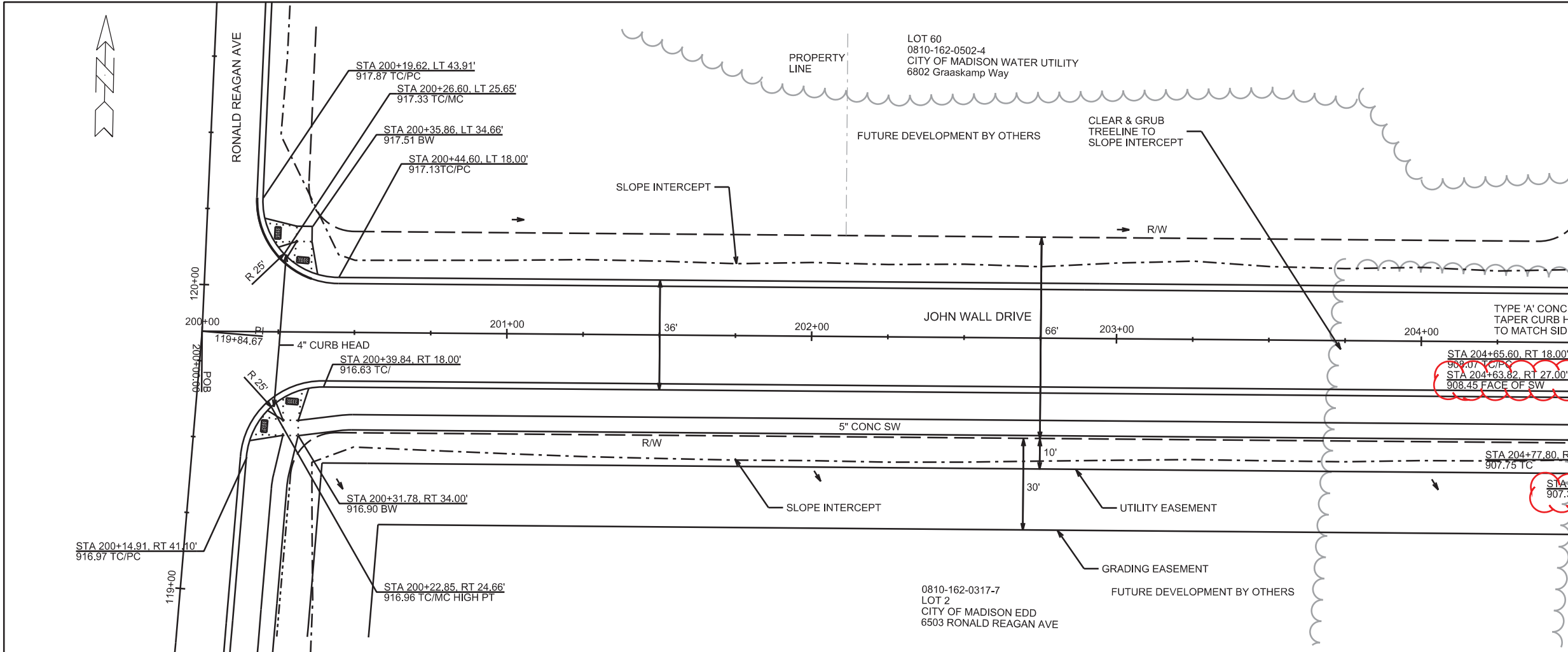
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLAN AND PROFILE

JOHN WALL DRIVE CITY OF MADISON

REVISED 06-20-2018 AJZ  
REVISED 08-06-2018 AJZ

REVISED  
08-21-2018 AJZ  
-revise driveway  
apron slope



PLOT SCALE: \_\_\_\_\_

PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

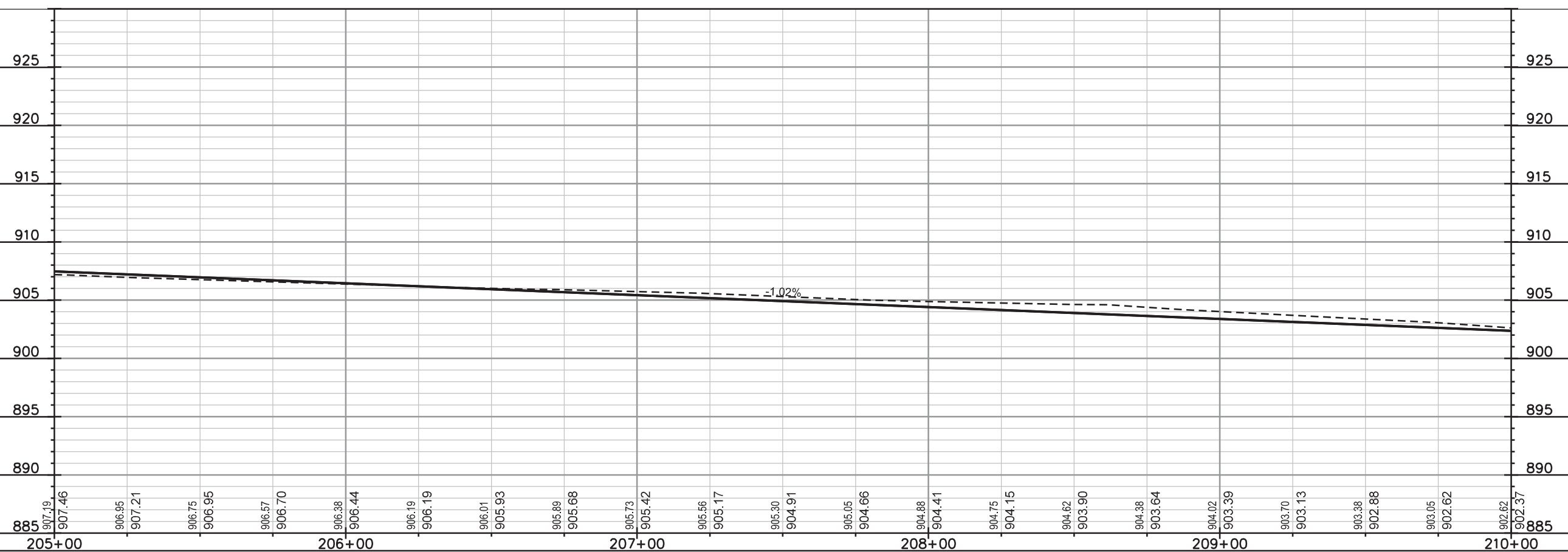
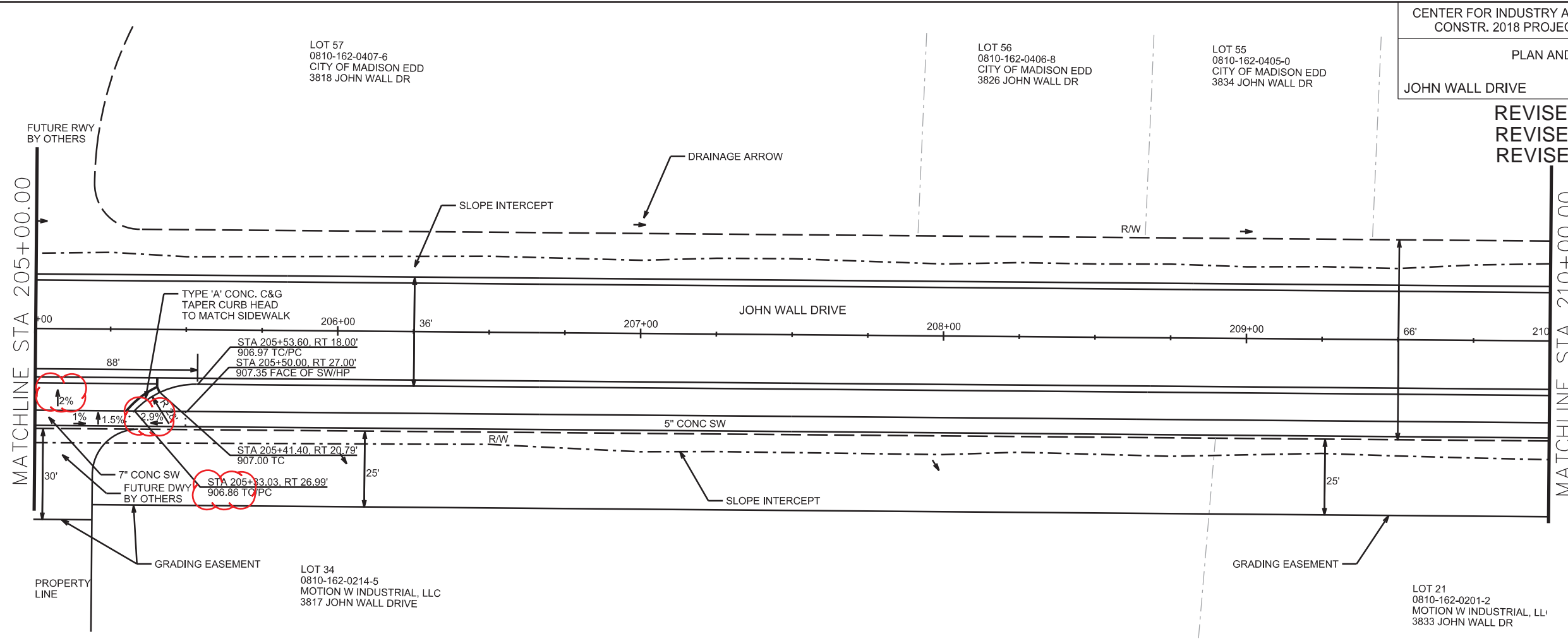
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLAN AND PROFILE

JOHN WALL DRIVE CITY OF MADISON

REVISED 04-02-2018 AJZ  
REVISED 06-20-2018 AJZ  
REVISED 08-06-2018 AJZ

REVISED  
08-21-2018 AJZ  
-revise driveway  
apron slope



PLOT SCALE: \_\_\_\_\_

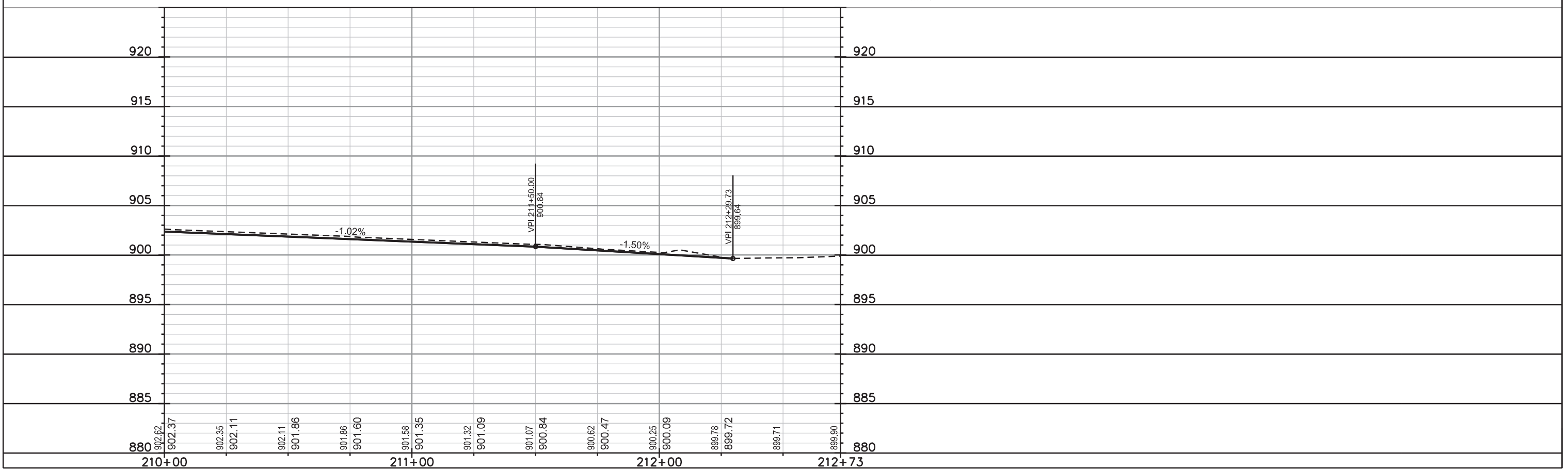
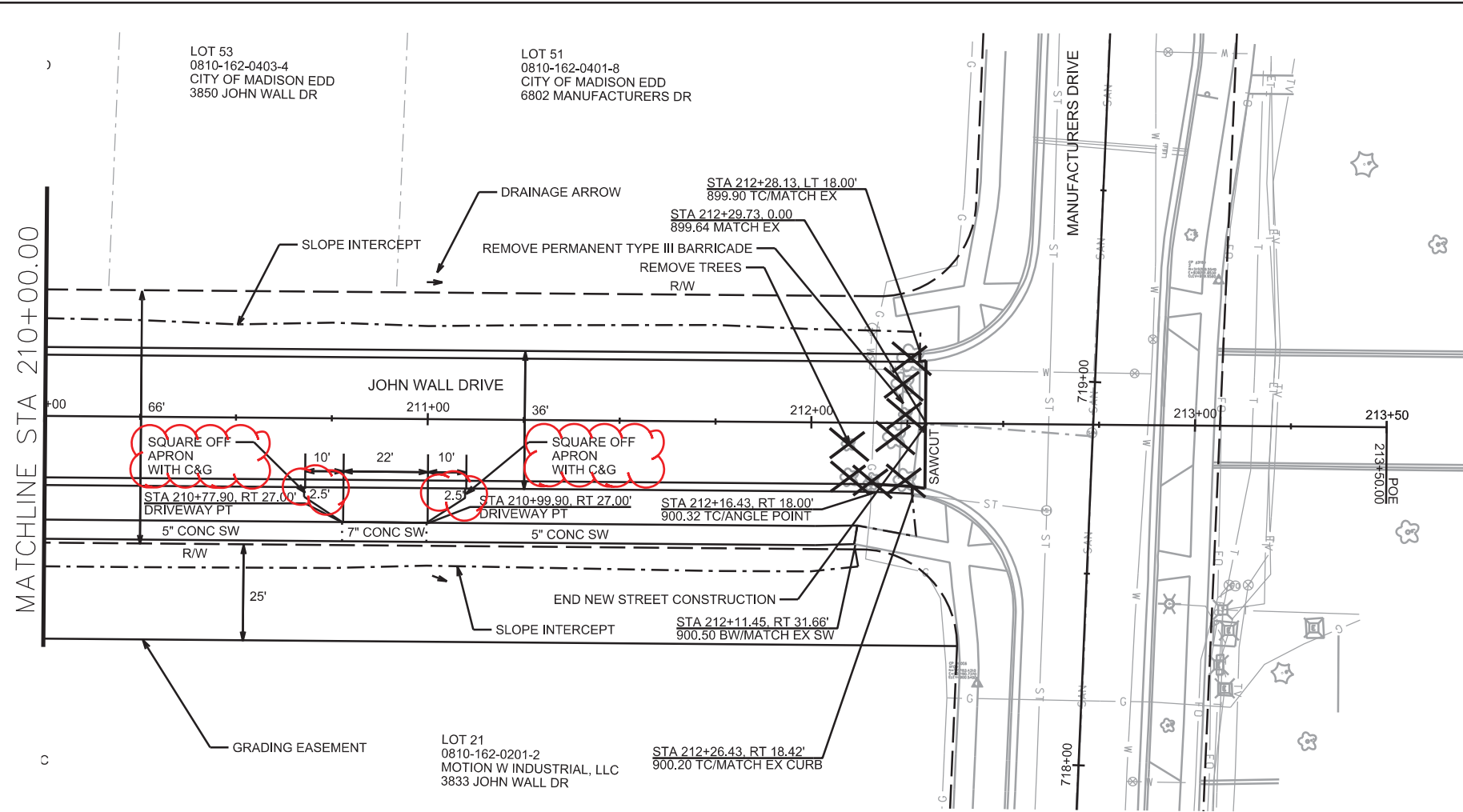
PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



REVISED 04-02-2018 AJZ  
REVISED 06-20-2018 AJZ  
REVISED 08-06-2018 AJZ  
-revise driveway apron



PLOT SCALE: \_\_\_\_\_

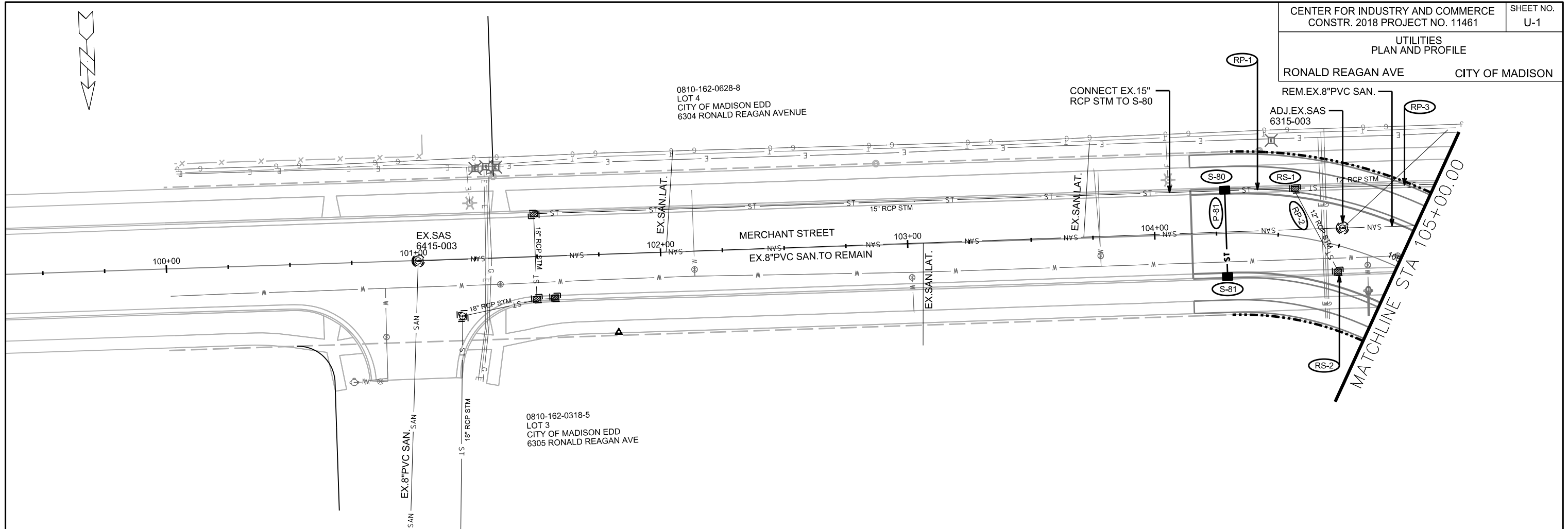
PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



UTILITIES  
PLAN AND PROFILE  
RONALD REAGAN AVE  
CITY OF MADISON



PLOT SCALE: \_\_\_\_\_

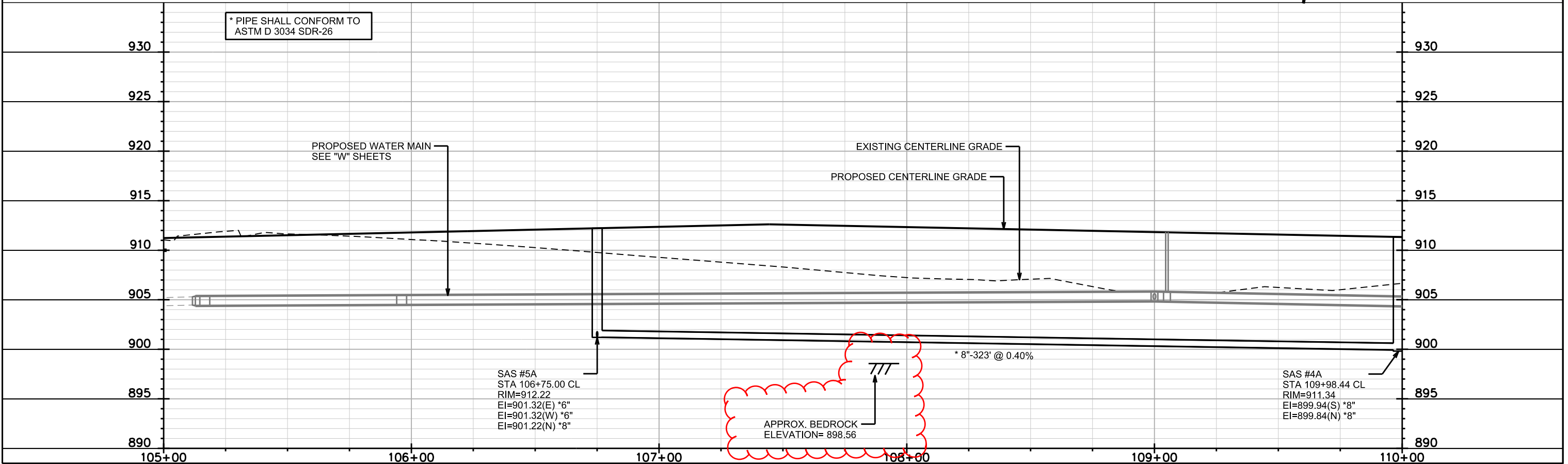
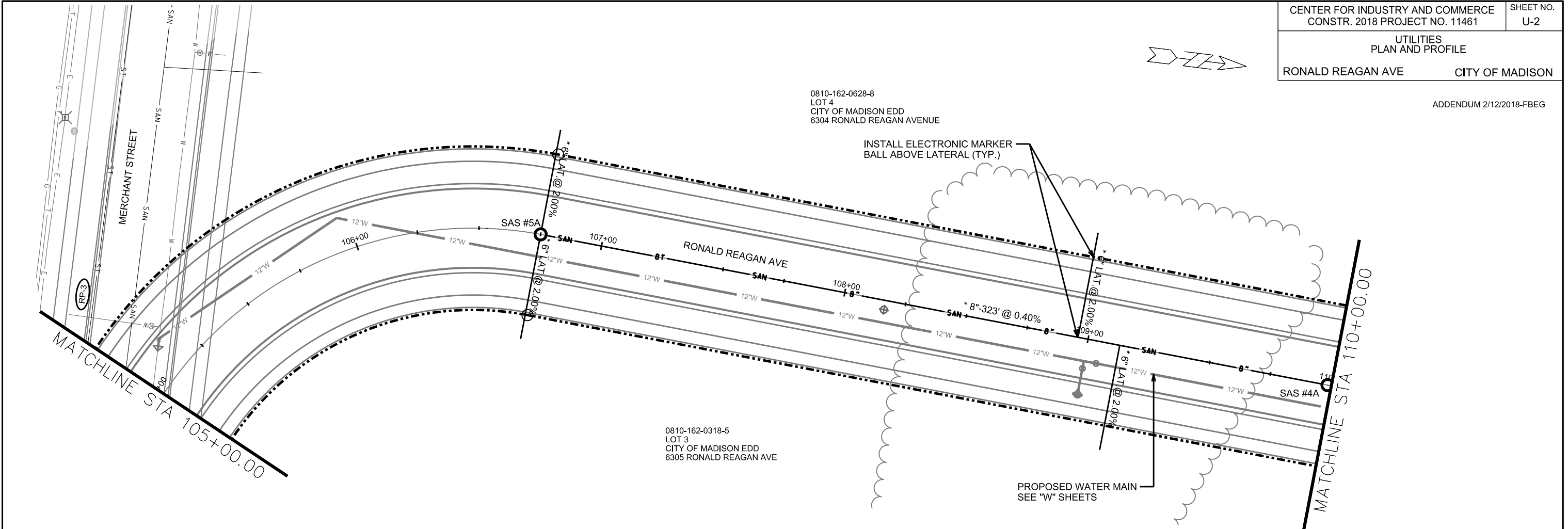
PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

0810-162-0628-8  
LOT 4  
CITY OF MADISON EDD  
6304 RONALD REAGAN AVENUE

0810-162-0318-5  
LOT 3  
CITY OF MADISON EDD  
6305 RONALD REAGAN AVE



\* PIPE SHALL CONFORM TO  
ASTM D 3034 SDR-26

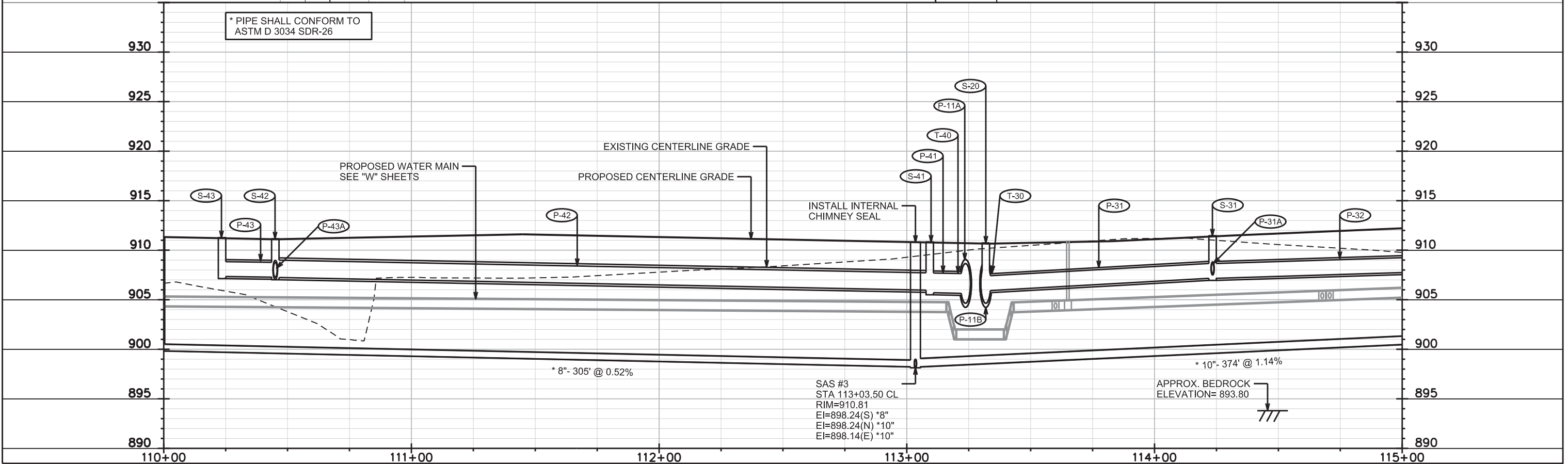
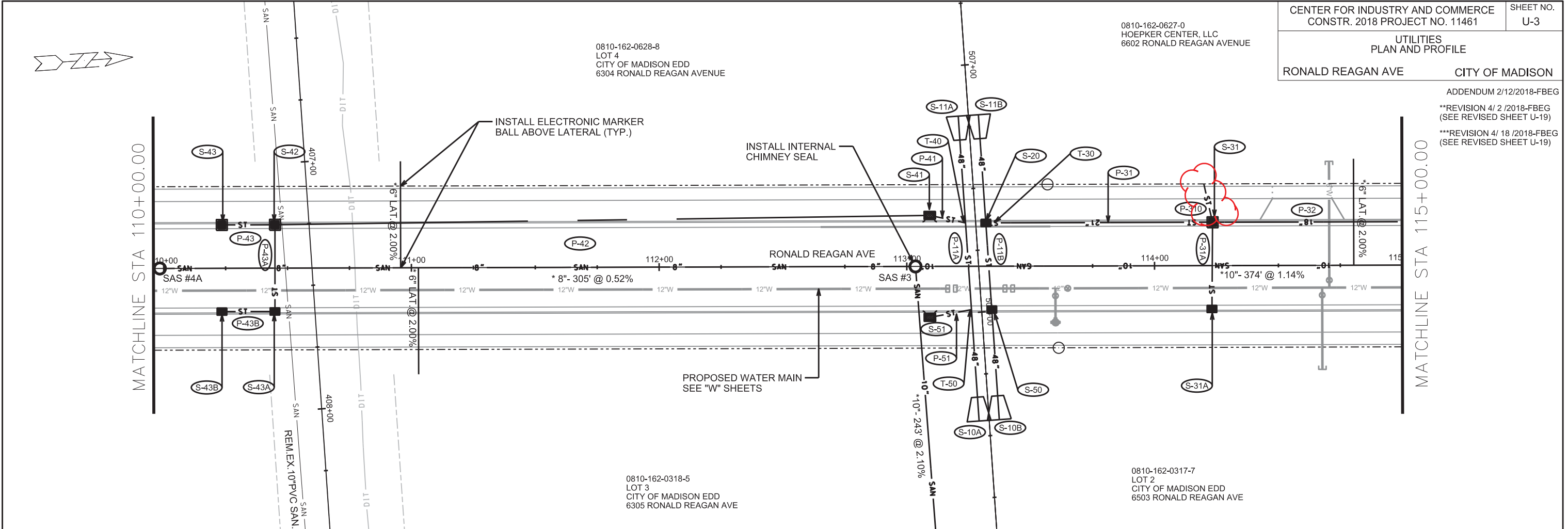
PLOT SCALE: \_\_\_\_\_

PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

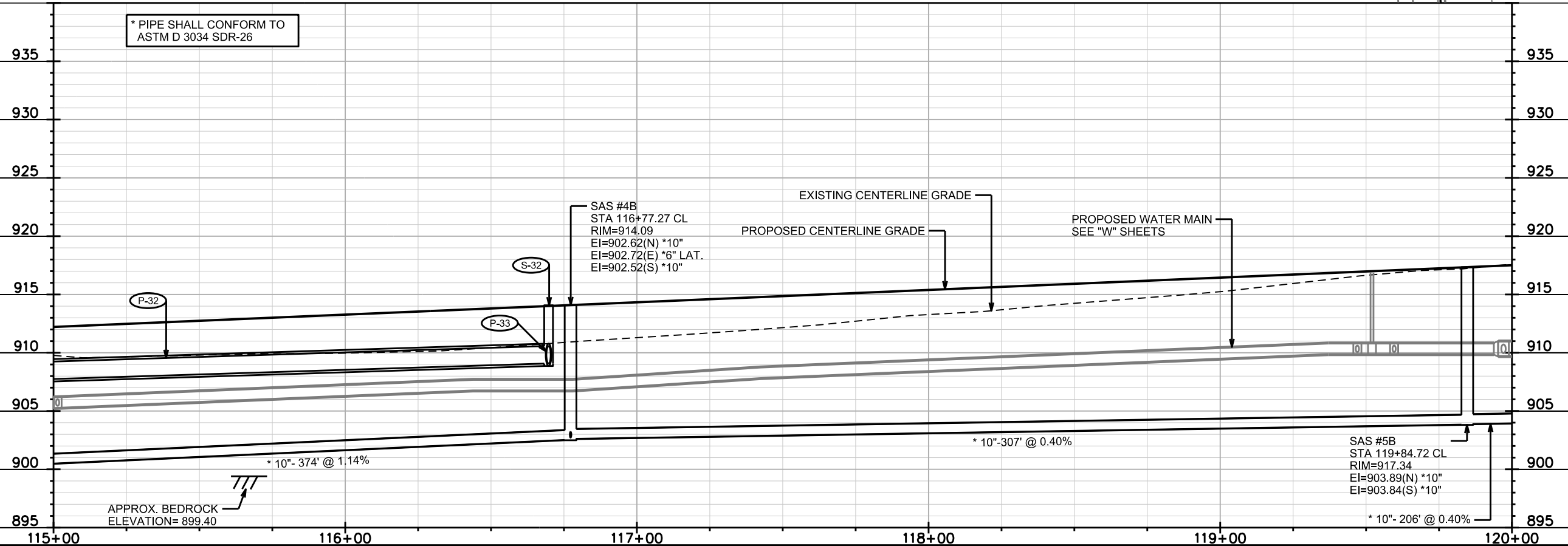
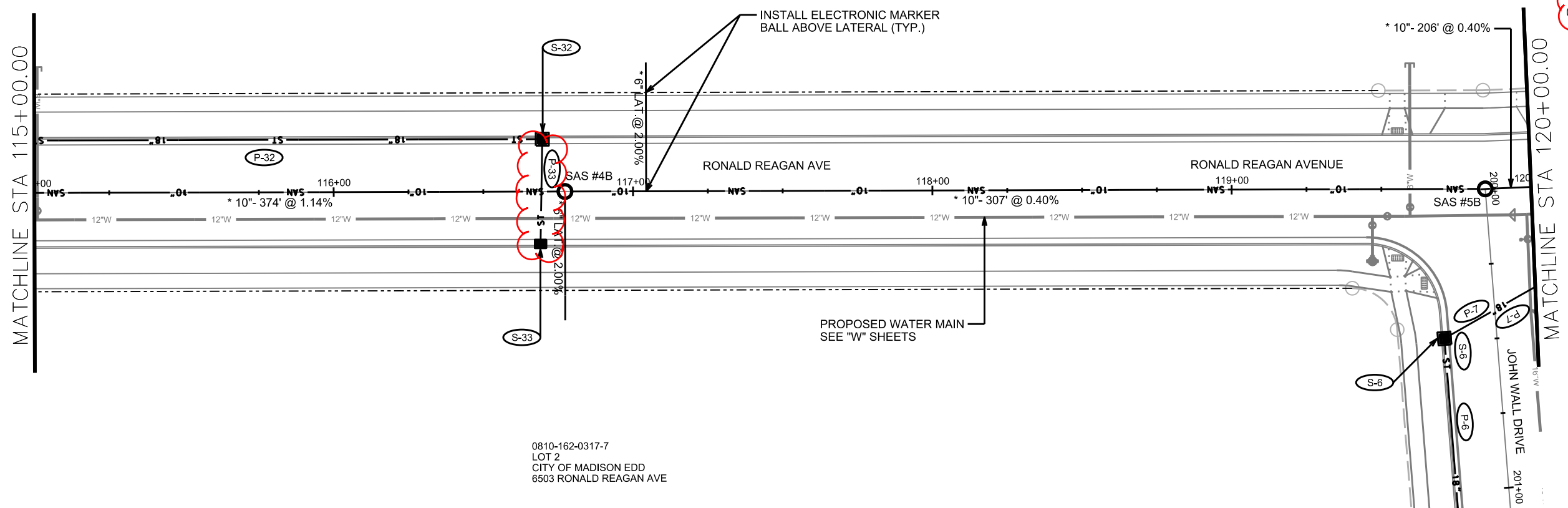
ADDENDUM 2/12/2018-FBEG  
\*\*REVISION 4/ 2 /2018-FBEG  
(SEE REVISED SHEET U-19)  
\*\*\*REVISION 4/ 18 /2018-FBEG  
(SEE REVISED SHEET U-19)



ADDENDUM 2/12/2018-FBEG  
\*\*REVISION 4/ 2 /2018-FBEG  
(SEE REVISED SHEET ST-19)

0810-162-0627-0  
HOEPKER CENTER, LLC  
6602 RONALD REAGAN AVENUE

0810-162-0317-7  
LOT 2  
CITY OF MADISON EDD  
6503 RONALD REAGAN AVE



\* PIPE SHALL CONFORM TO  
ASTM D 3034 SDR-26

APPROX. BEDROCK  
ELEVATION= 899.40

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

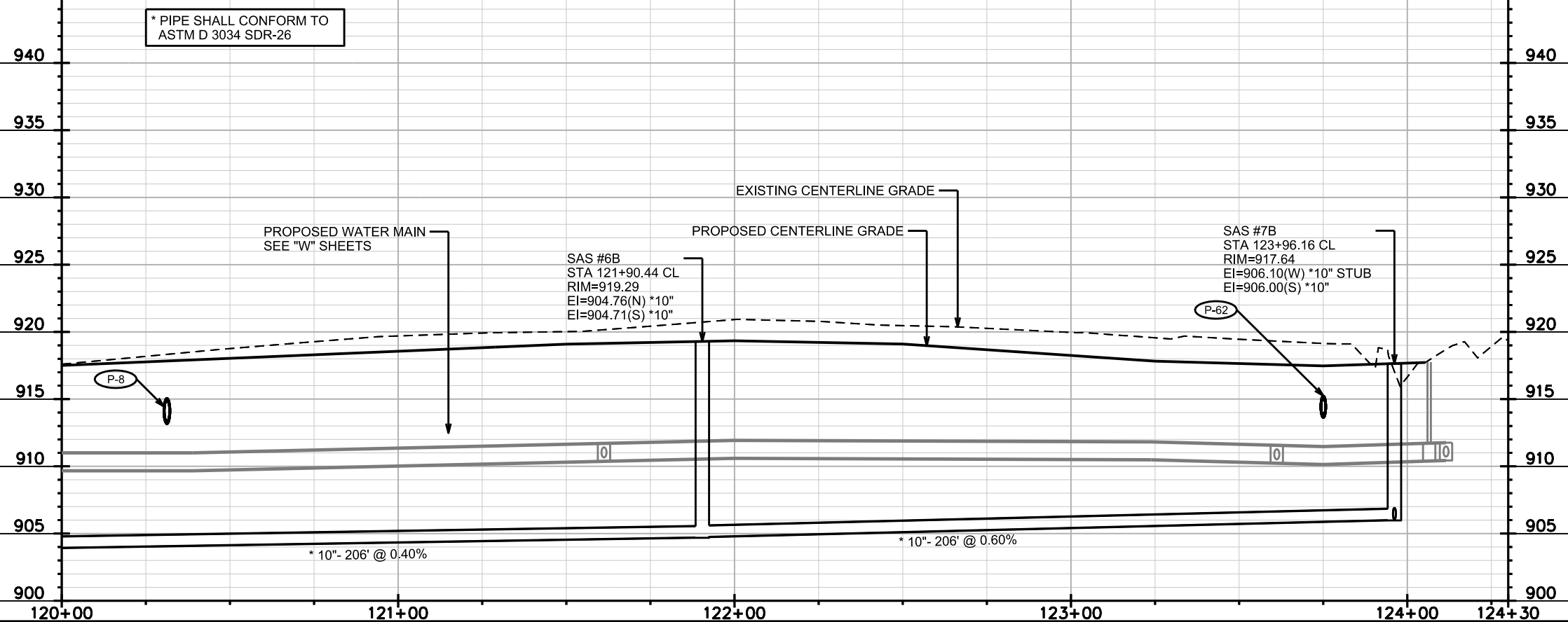
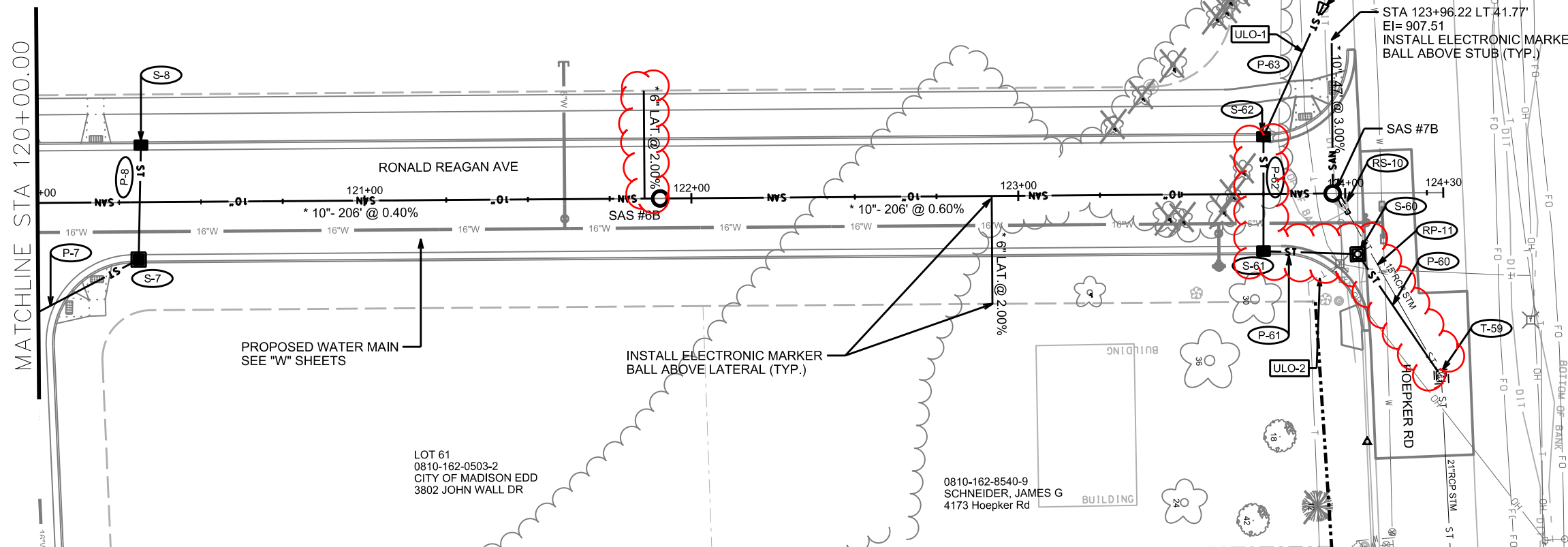
0810-162-0627-0  
HOEPKER CENTER, LLC  
6602 RONALD REAGAN AVENUE

CENTER FOR INDUSTRY AND COMMERCE  
CONSTR. 2018 PROJECT NO. 11461

SHEET NO.  
U-5

UTILITIES  
PLAN AND PROFILE  
RONALD REAGAN AVE CITY OF MADISON

\*\*REVISION 4/ 2 /2018-FBEG  
(SEE REVISED SHEET ST-19)

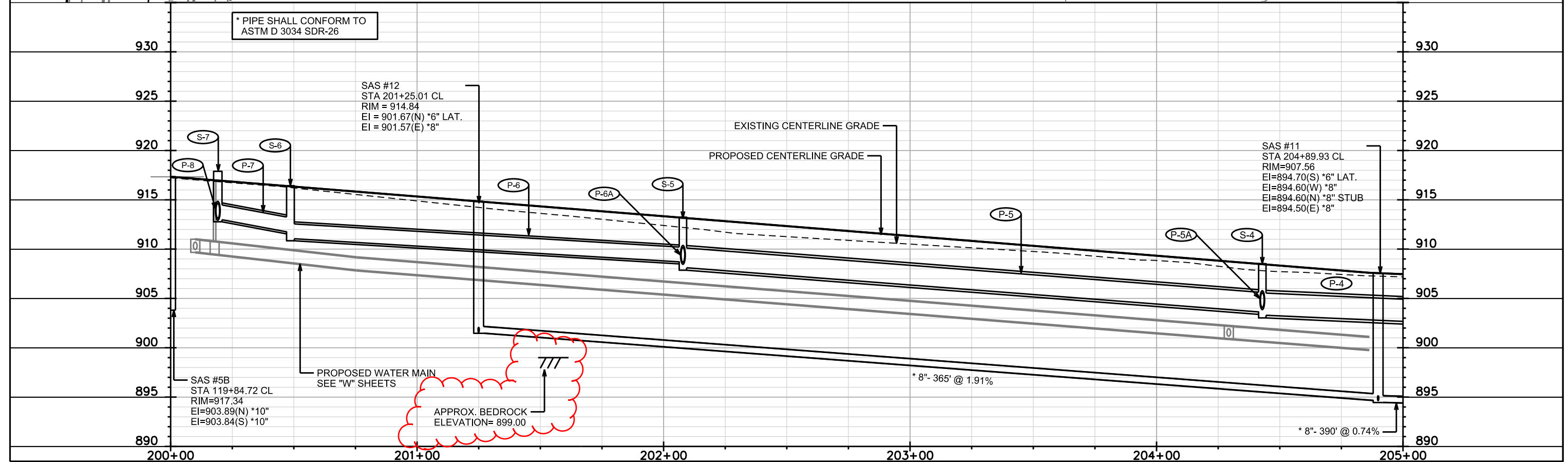
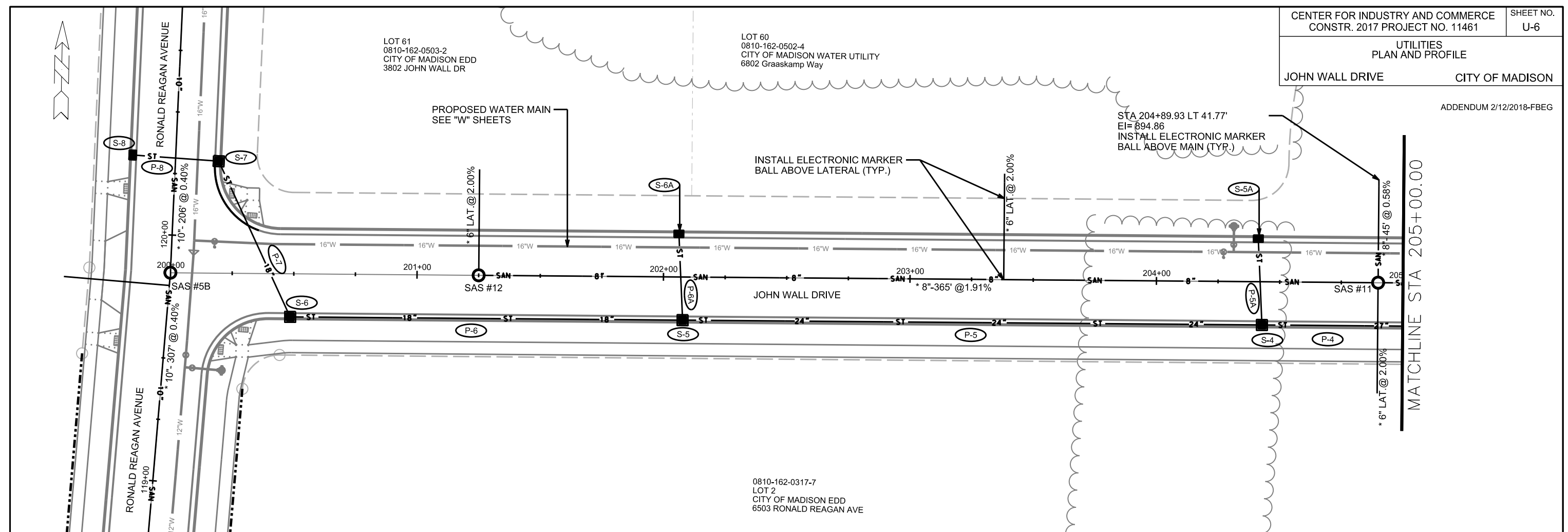


PLOT SCALE: \_\_\_\_\_

PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



LOT 57  
0810-162-0407-6  
CITY OF MADISON EDD  
3818 JOHN WALL DR

LOT 56  
0810-162-0406-8  
CITY OF MADISON EDD  
3826 JOHN WALL DR

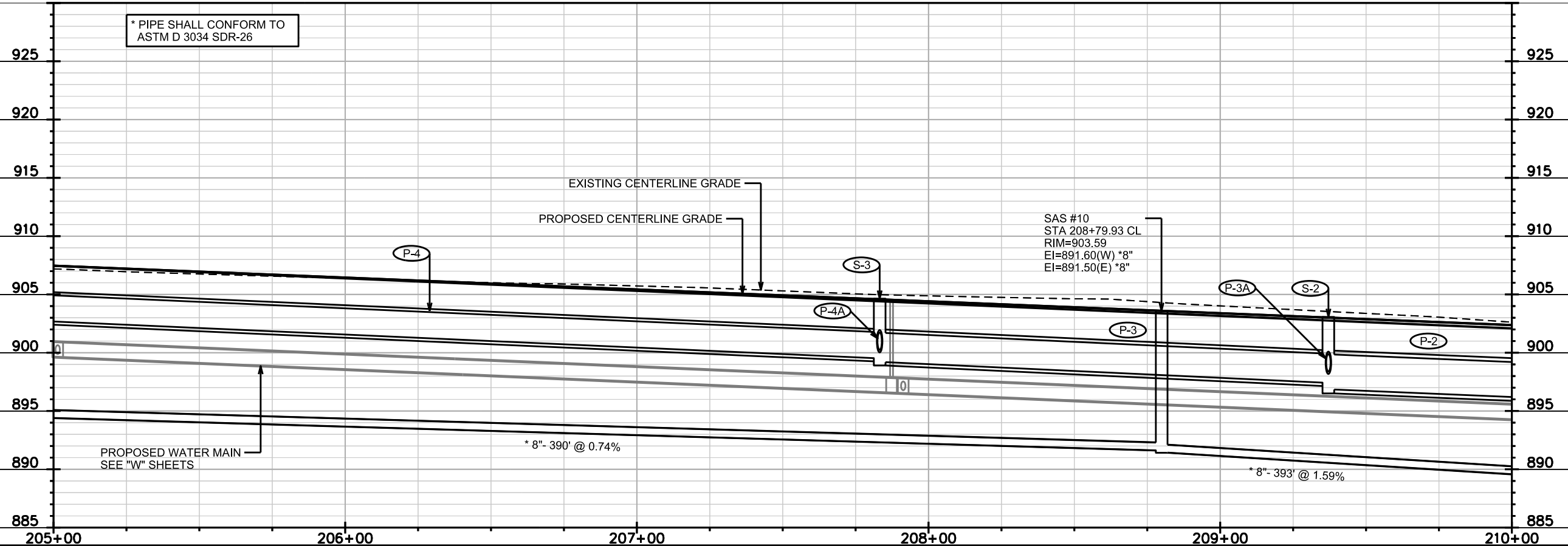
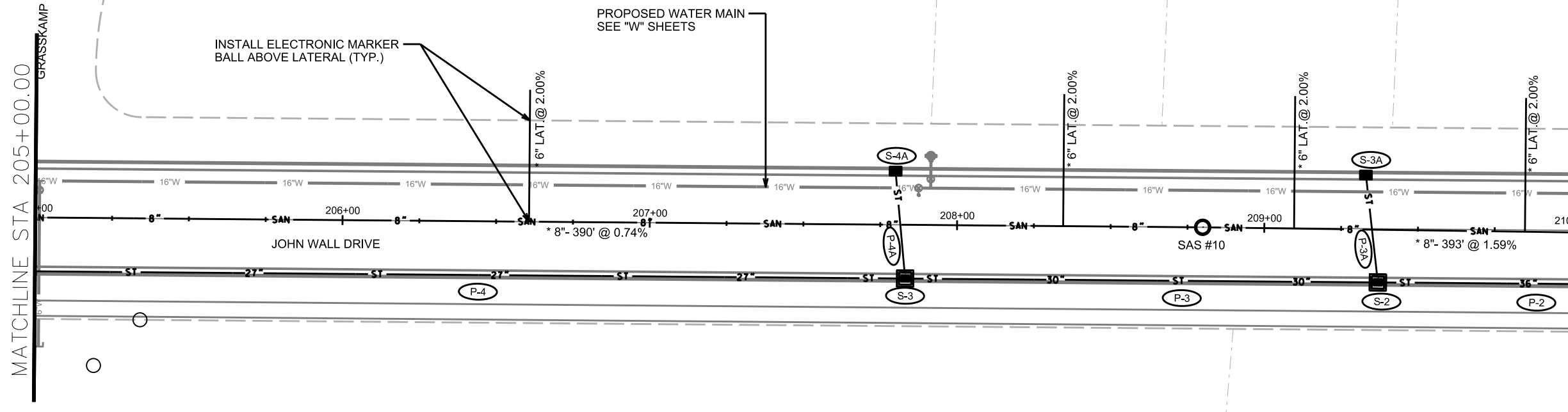
LOT 55  
0810-162-0405-0  
CITY OF MADISON EDD  
3834 JOHN WALL DR

LOT 34  
0810-162-0214-5  
MOTION W INDUSTRIAL, LLC  
3817 JOHN WALL DRIVE

LOT 21  
0810-162-0201-2  
MOTION W INDUSTRIAL, LL  
3833 JOHN WALL DR

MATCHLINE STA 205+00.00

MATCHLINE STA 210+00.00



PLOT SCALE: \_\_\_\_\_

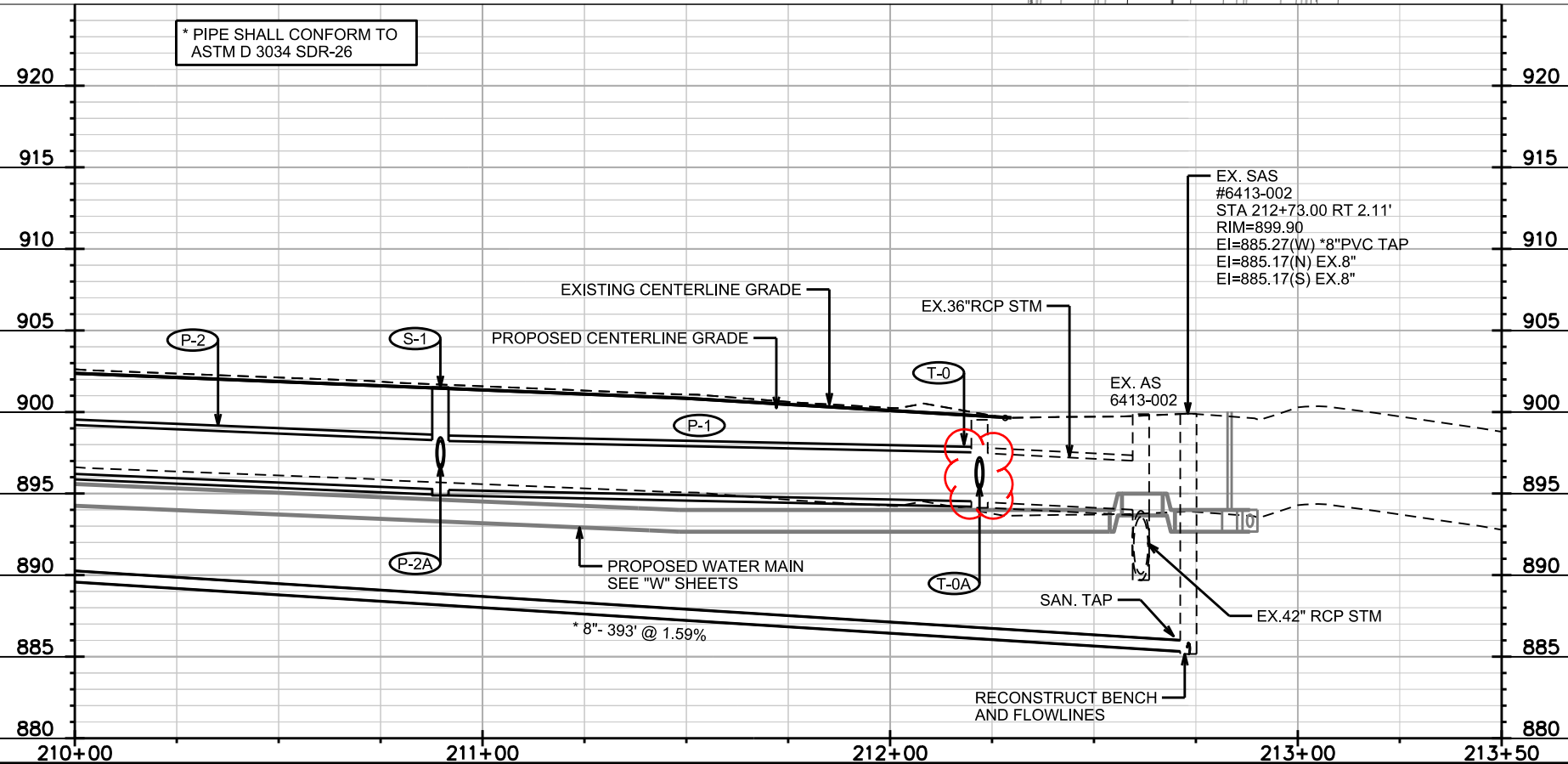
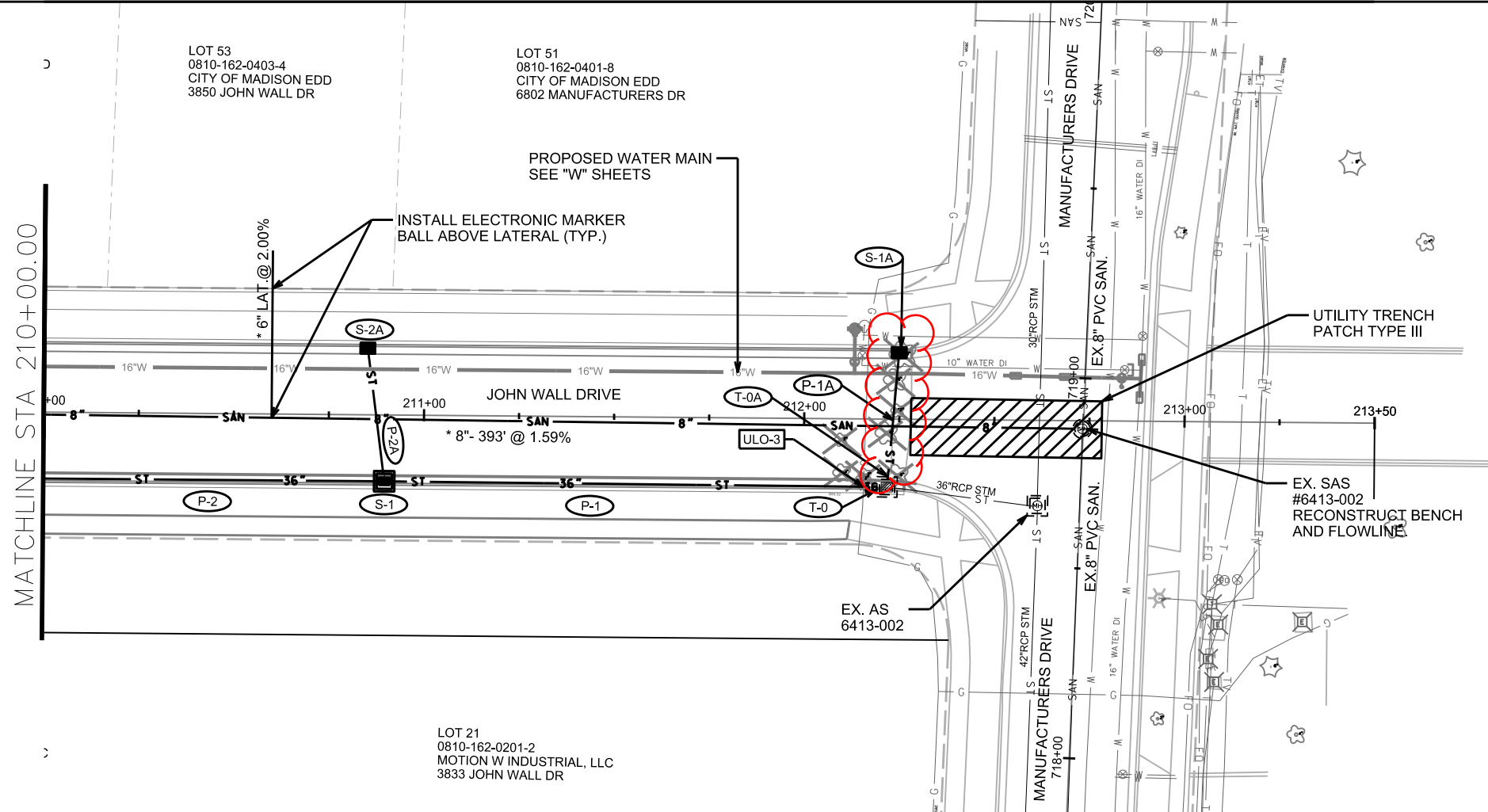
PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



ADDENDUM 2/12/2018-FBEG  
\*\*REVISION 4/ 2 /2018-FBEG  
(SEE REVISED SHEET ST-19)



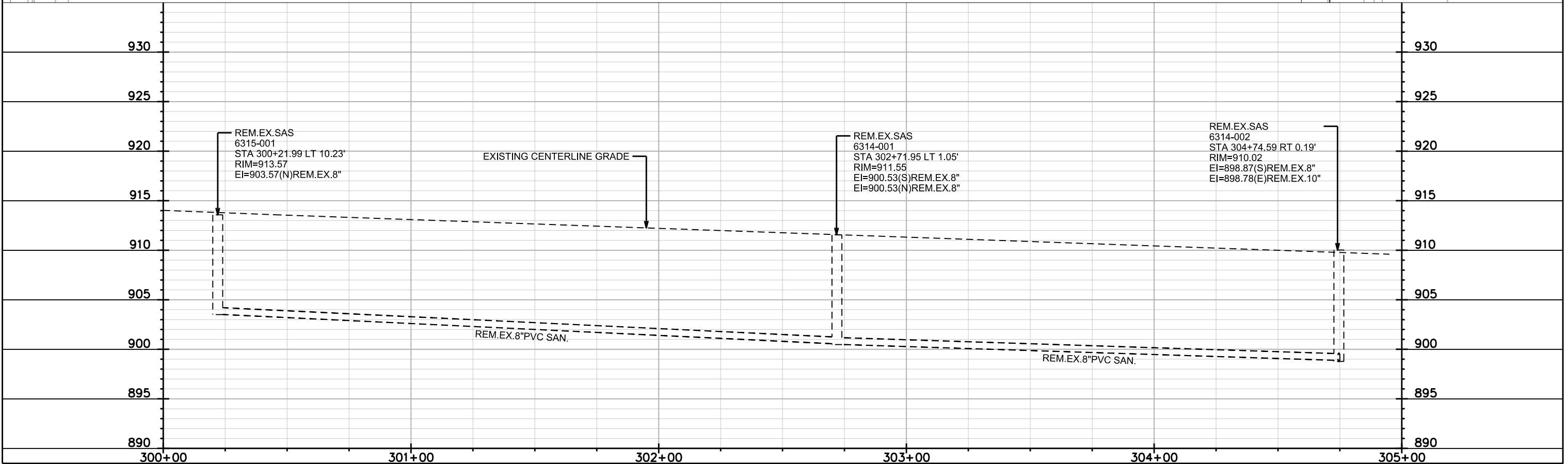
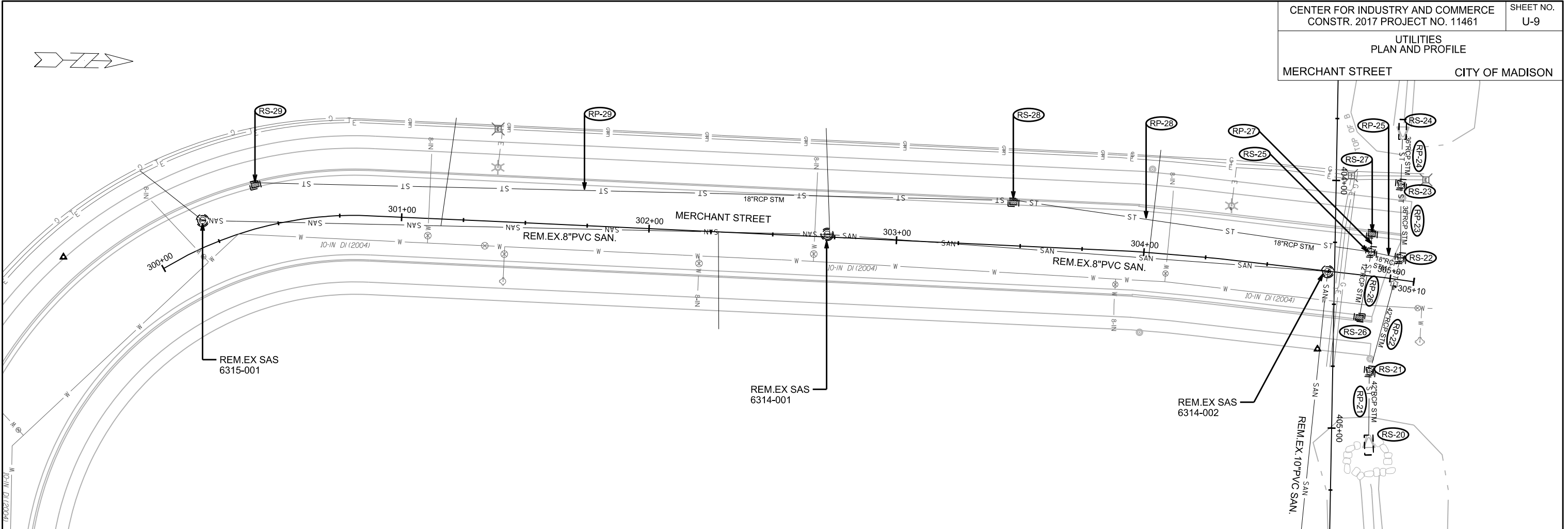
PLOT SCALE: \_\_\_\_\_

PLOT NAME: \_\_\_\_\_

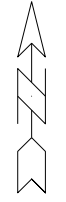
REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION





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



0810-162-0627-0  
HOEPKER CENTER, LLC  
6602 RONALD REAGAN AVENUE

0810-162-0317-7  
LOT 2  
CITY OF MADISON EDD  
6503 RONALD REAGAN AVE

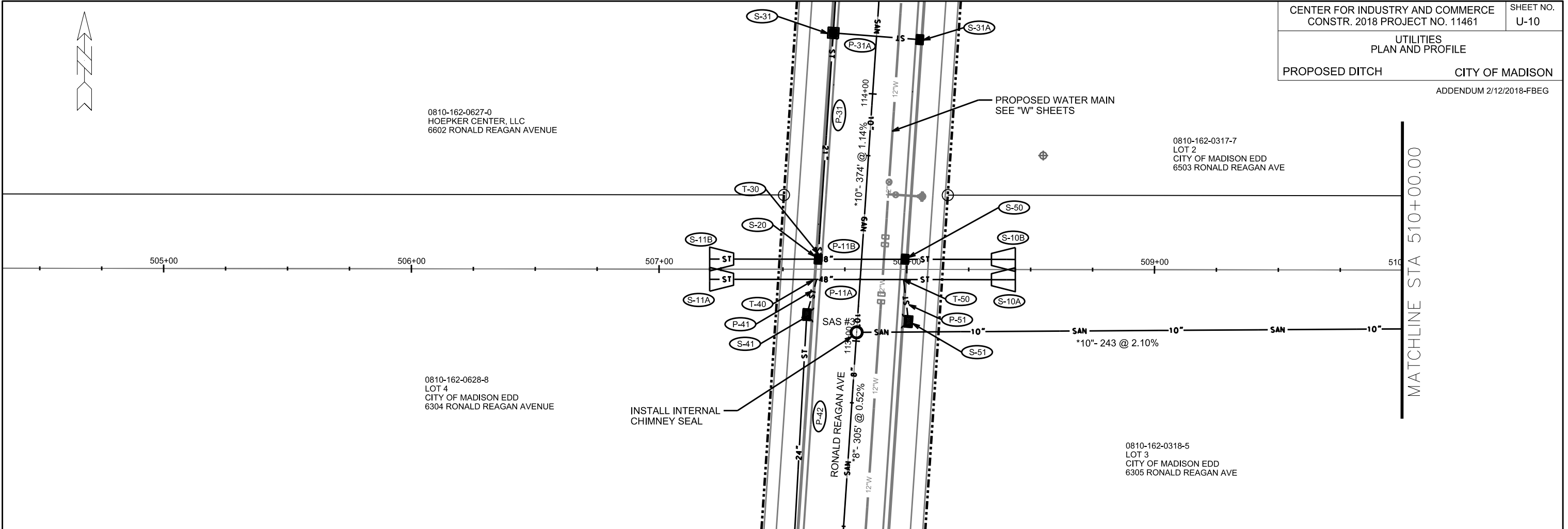
0810-162-0628-8  
LOT 4  
CITY OF MADISON EDD  
6304 RONALD REAGAN AVENUE

0810-162-0318-5  
LOT 3  
CITY OF MADISON EDD  
6305 RONALD REAGAN AVE

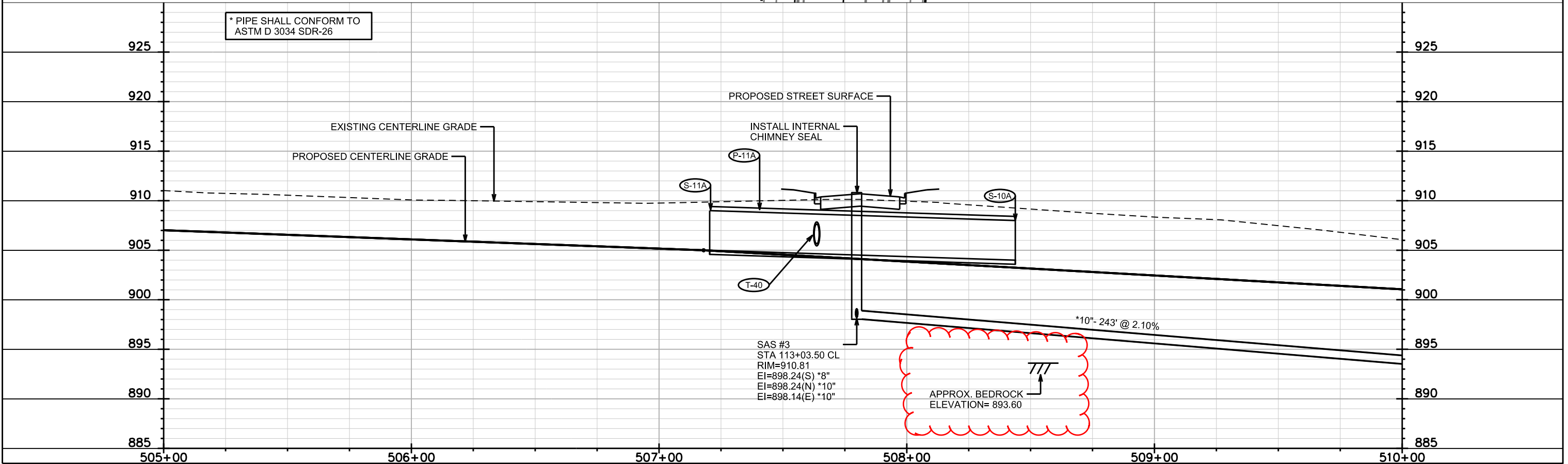
INSTALL INTERNAL  
CHIMNEY SEAL

PROPOSED WATER MAIN  
SEE "W" SHEETS

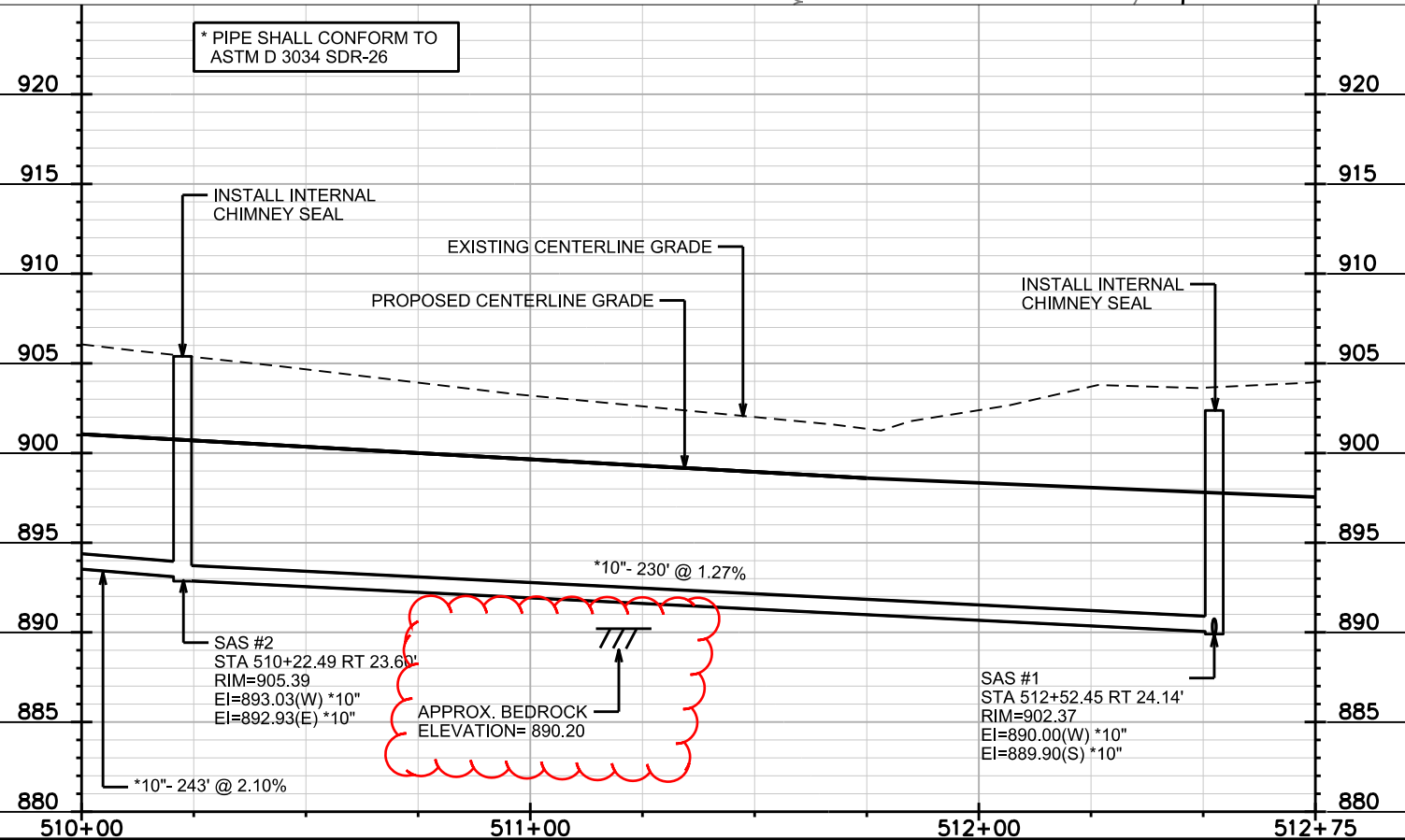
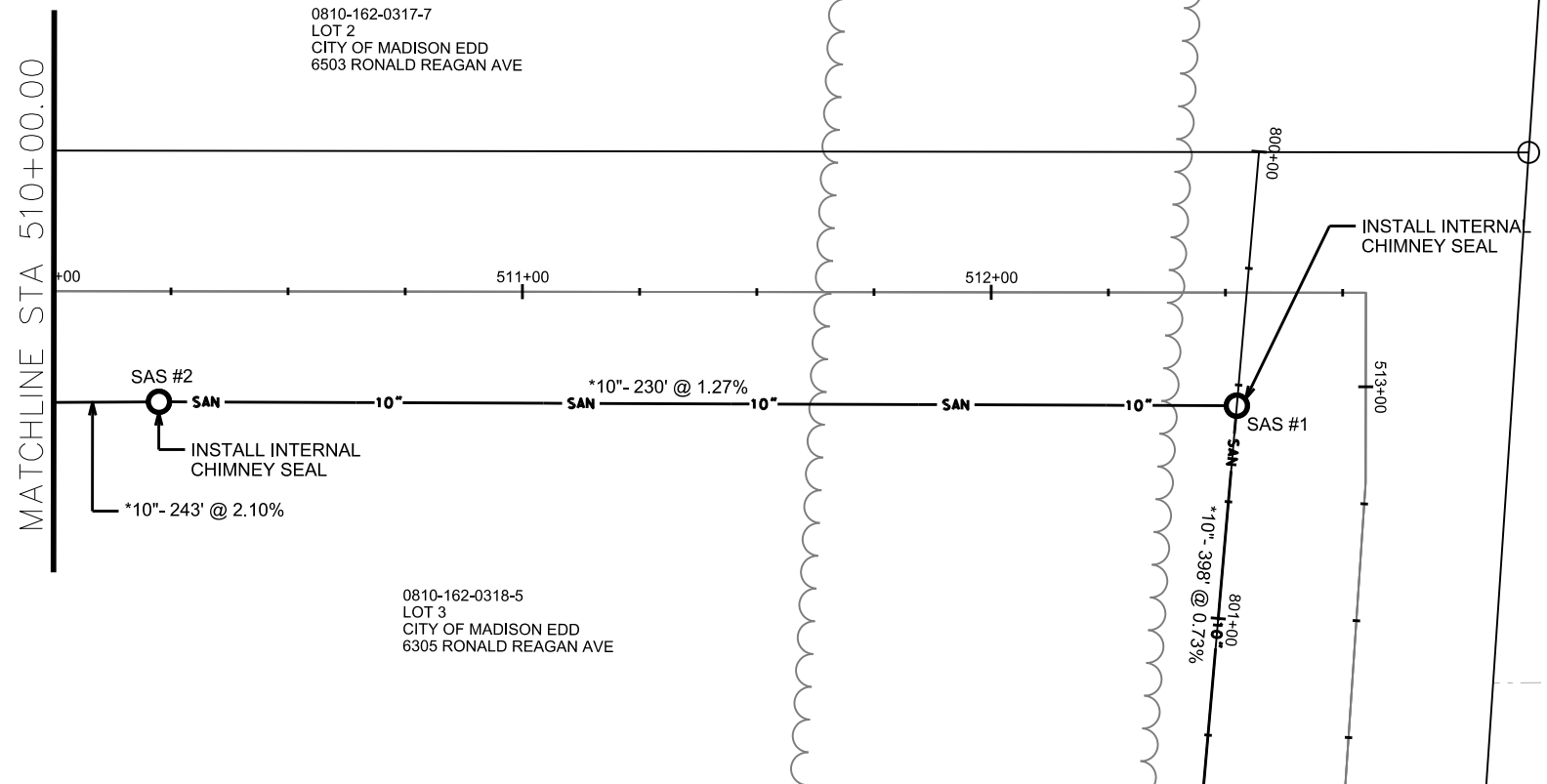
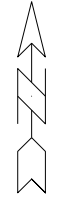
MATCHLINE STA 510+00.00



\* PIPE SHALL CONFORM TO  
ASTM D 3034 SDR-26



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

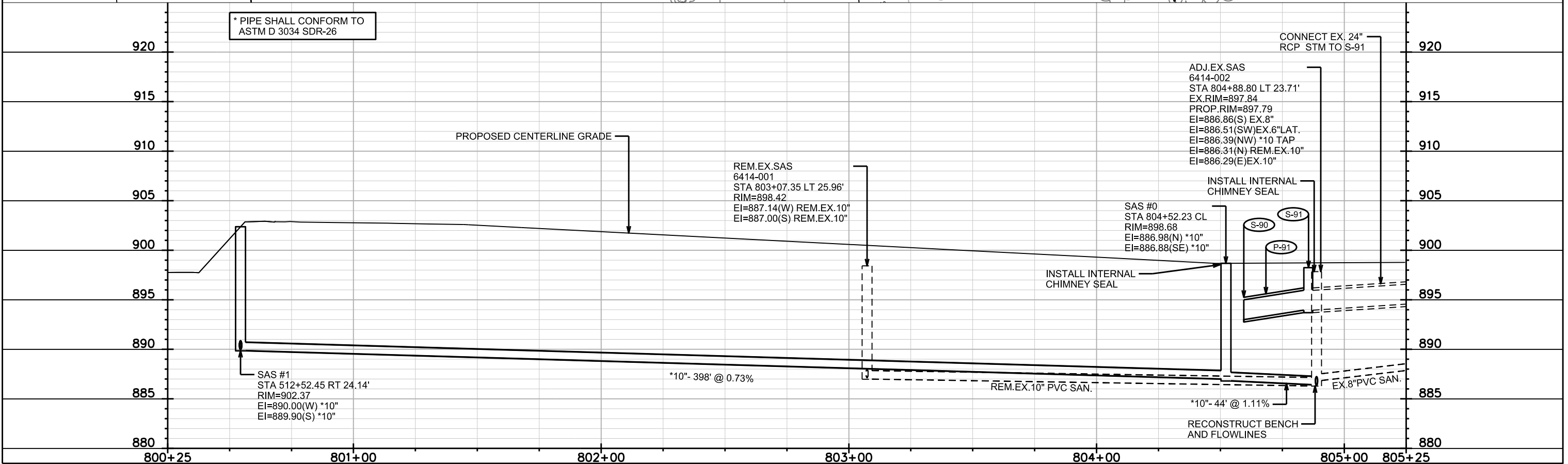
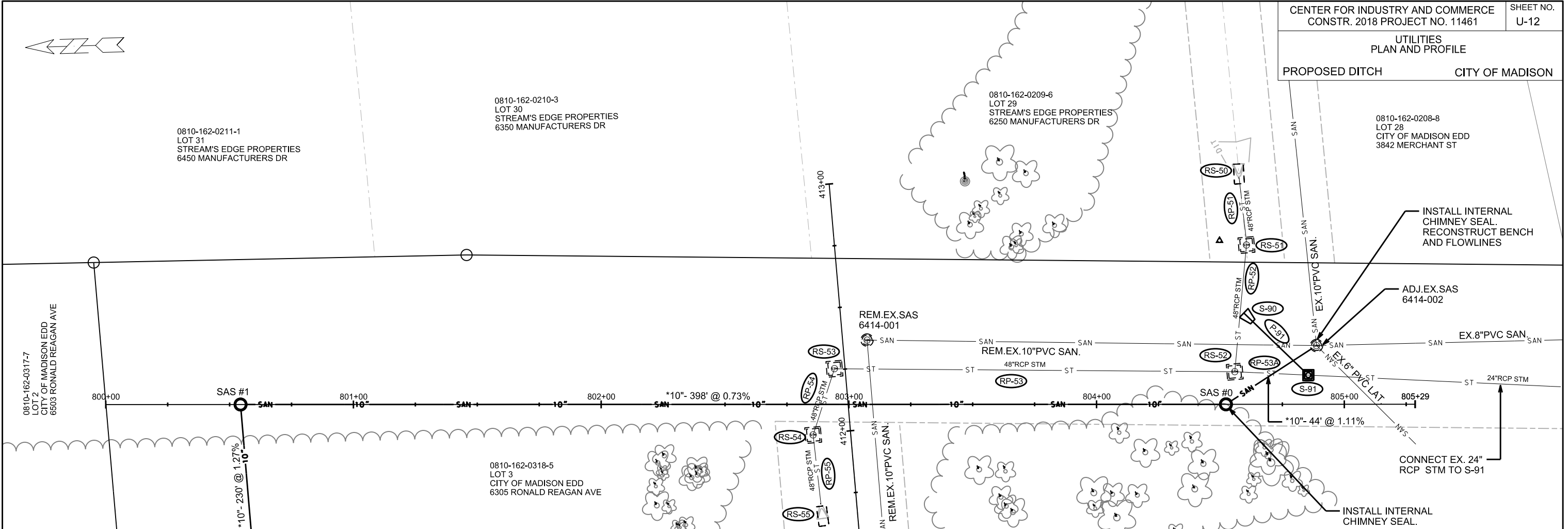


PLOT SCALE: \_\_\_\_\_

PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



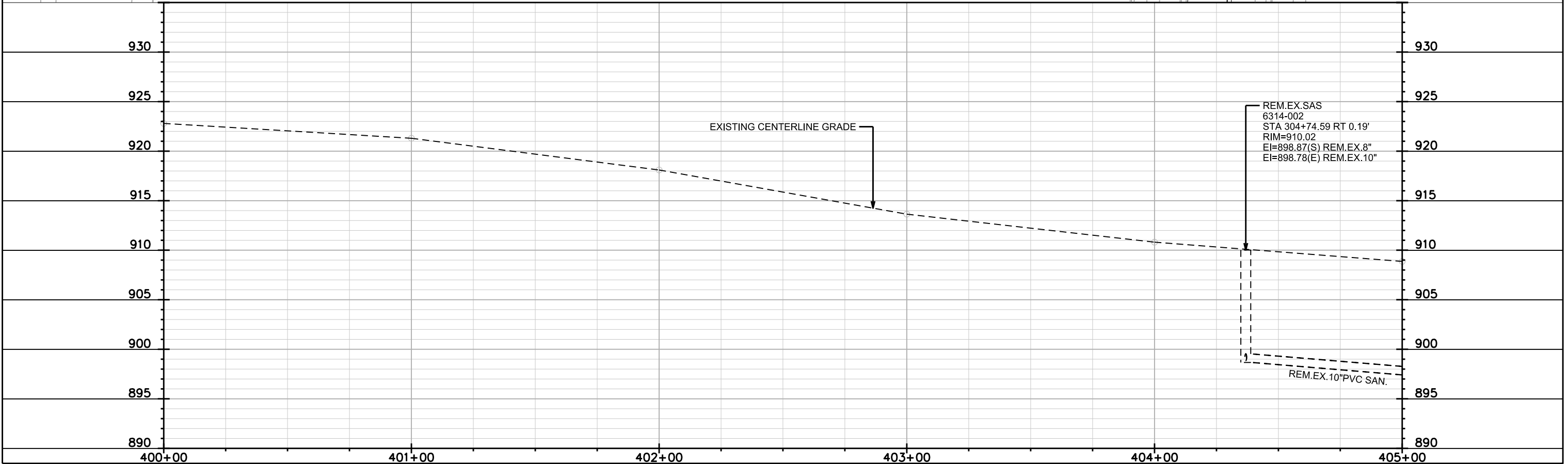
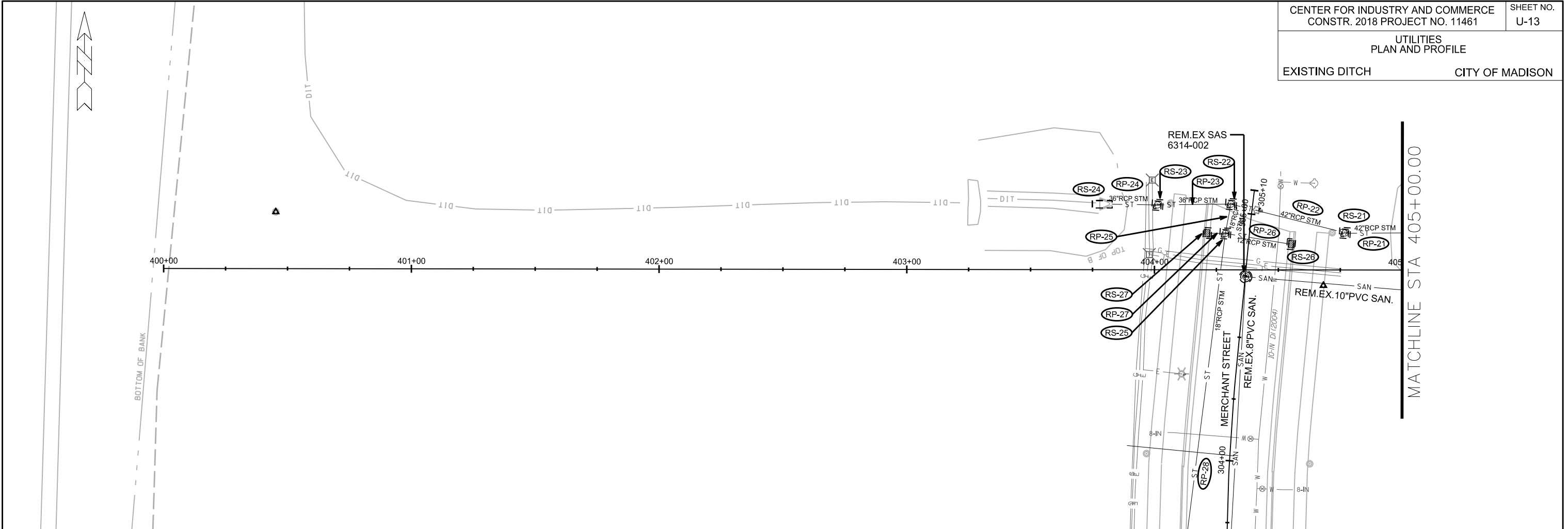
\* PIPE SHALL CONFORM TO  
ASTM D 3034 SDR-26

PLOT SCALE: \_\_\_\_\_

PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

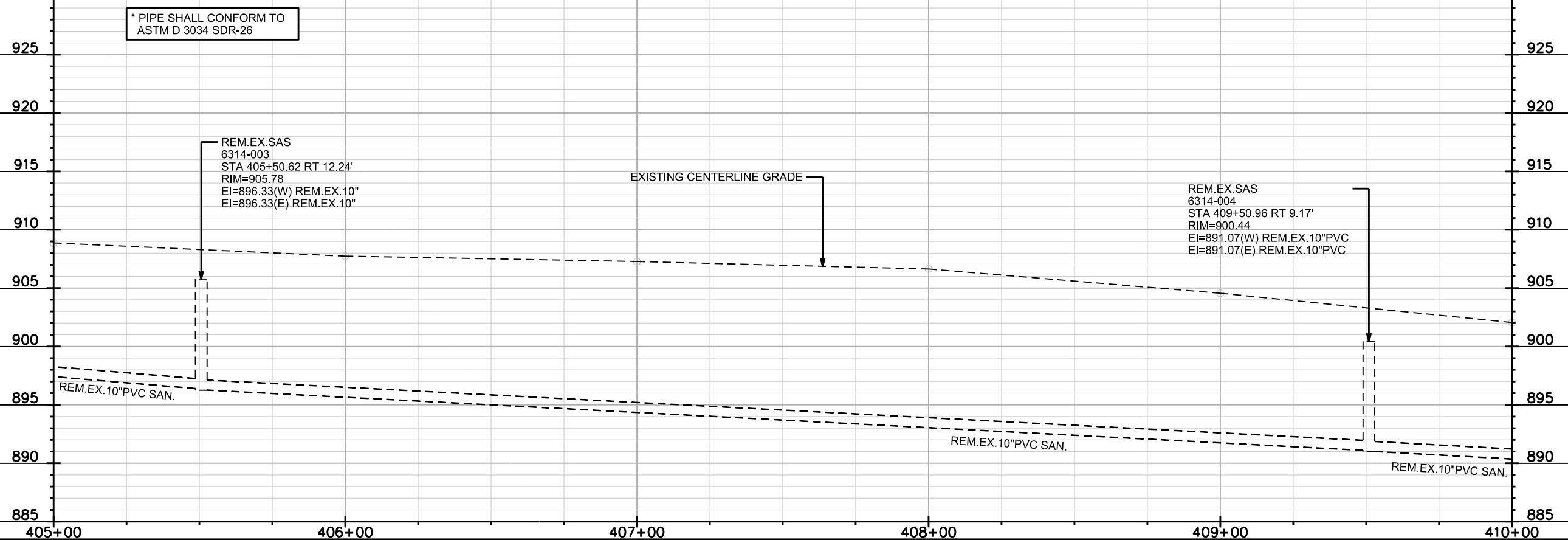
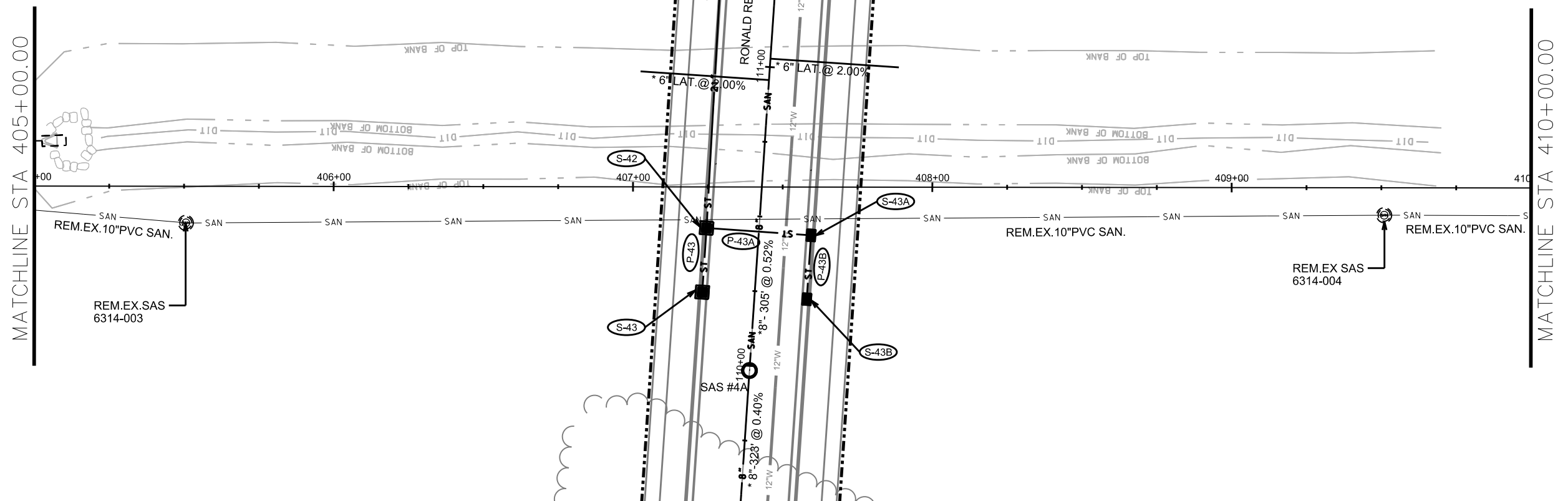
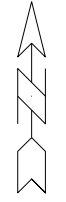


PLOT SCALE: \_\_\_\_\_

PLOT NAME: \_\_\_\_\_

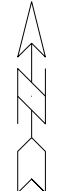
REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



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

UTILITIES  
PLAN AND PROFILE  
EXISTING DITCH CITY OF MADISON

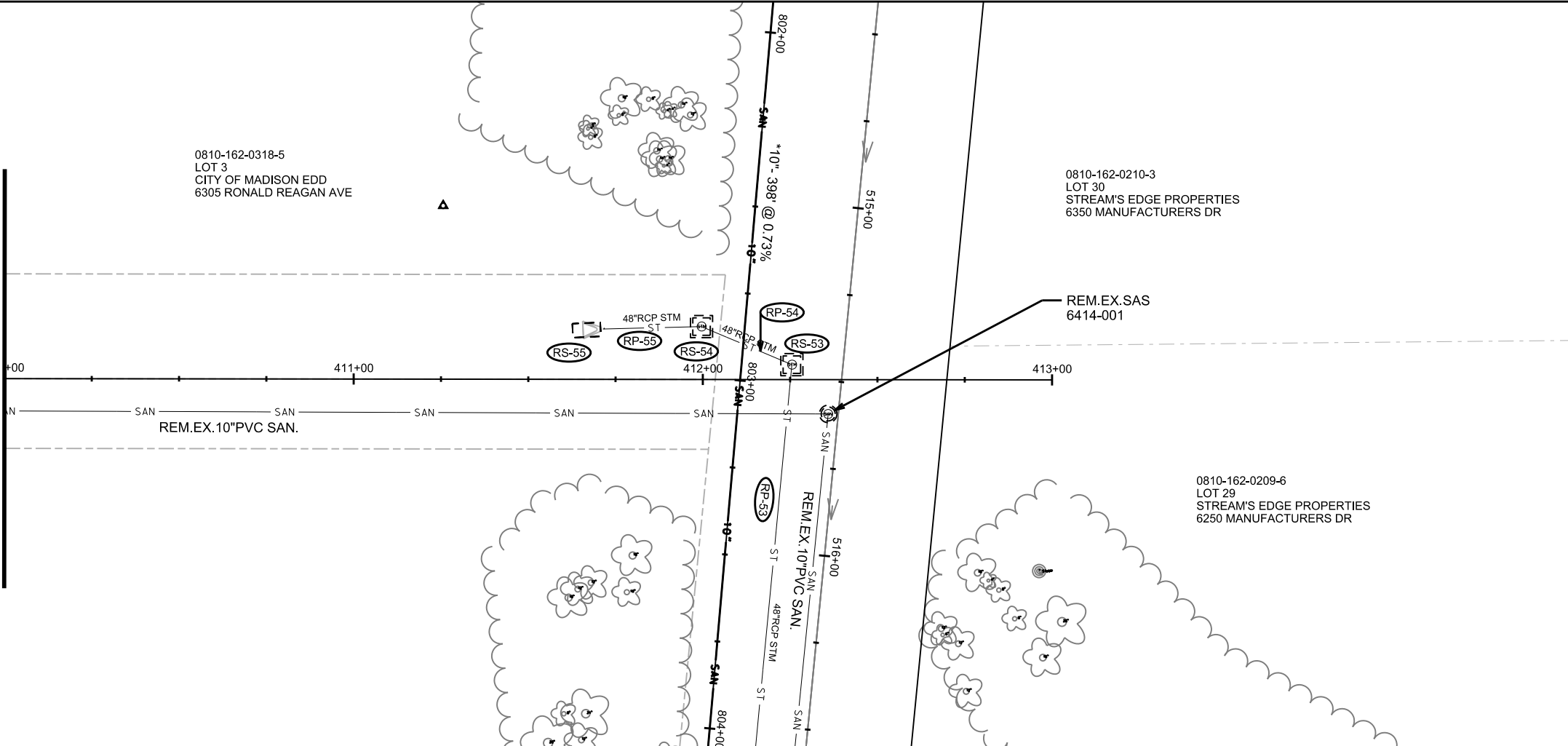


MATCHLINE STA 410+00.00

0810-162-0318-5  
LOT 3  
CITY OF MADISON EDD  
6305 RONALD REAGAN AVE

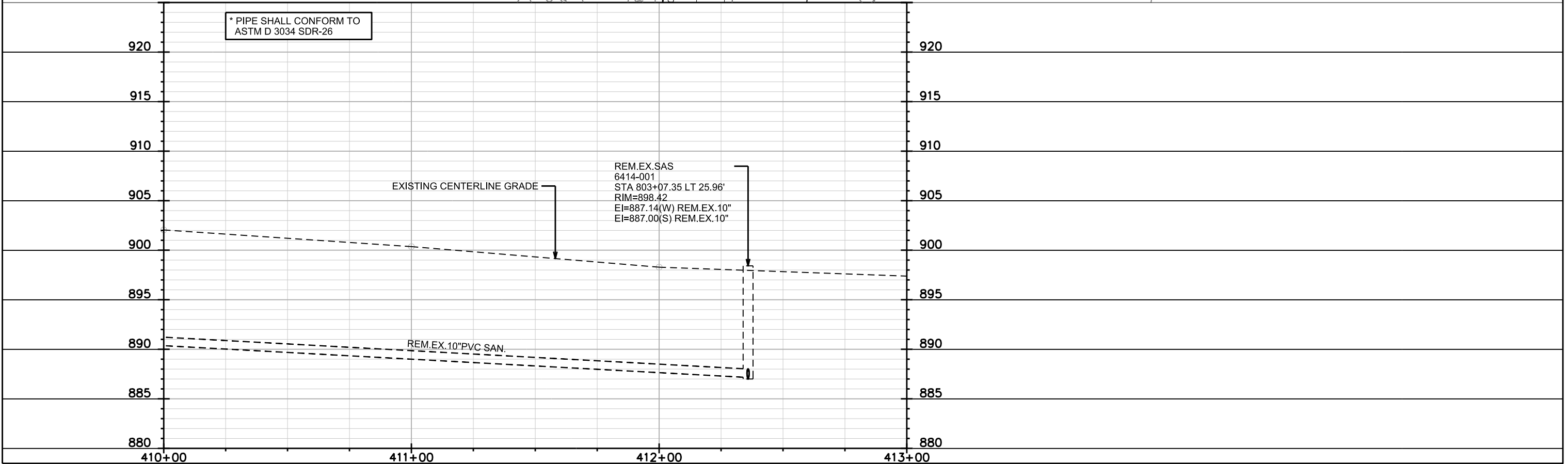
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LOT 30  
STREAM'S EDGE PROPERTIES  
6350 MANUFACTURERS DR

0810-162-0209-6  
LOT 29  
STREAM'S EDGE PROPERTIES  
6250 MANUFACTURERS DR



\* PIPE SHALL CONFORM TO  
ASTM D 3034 SDR-26

REM.EX.SAS  
6414-001  
STA 803+07.35 LT 25.96'  
RIM=898.42  
EI=887.14(W) REM.EX.10"  
EI=887.00(S) REM.EX.10"

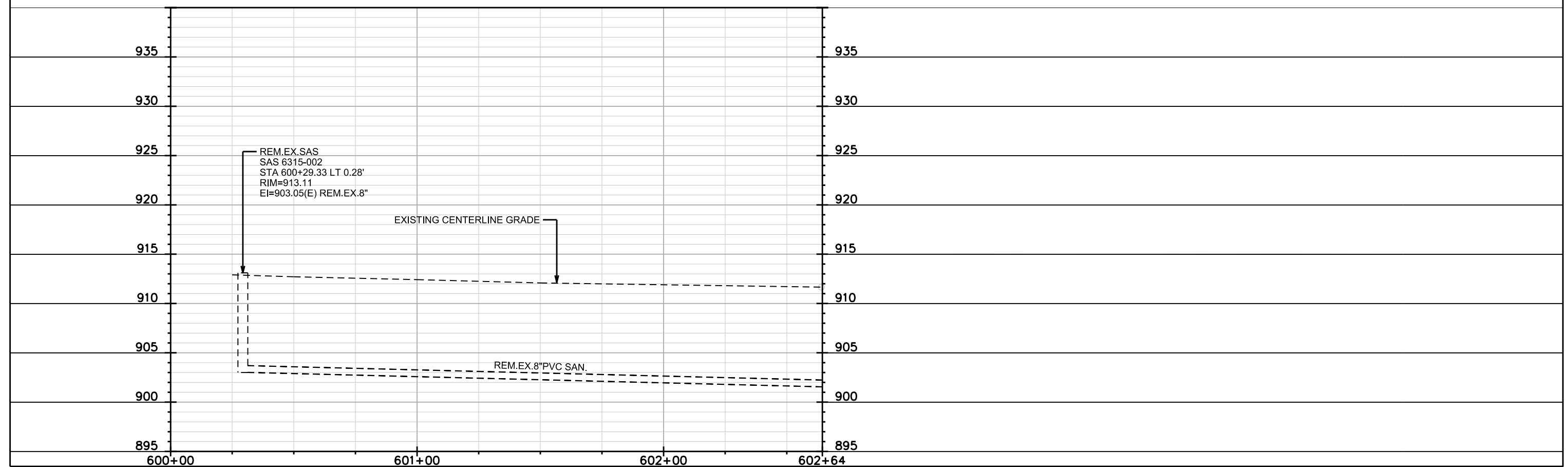
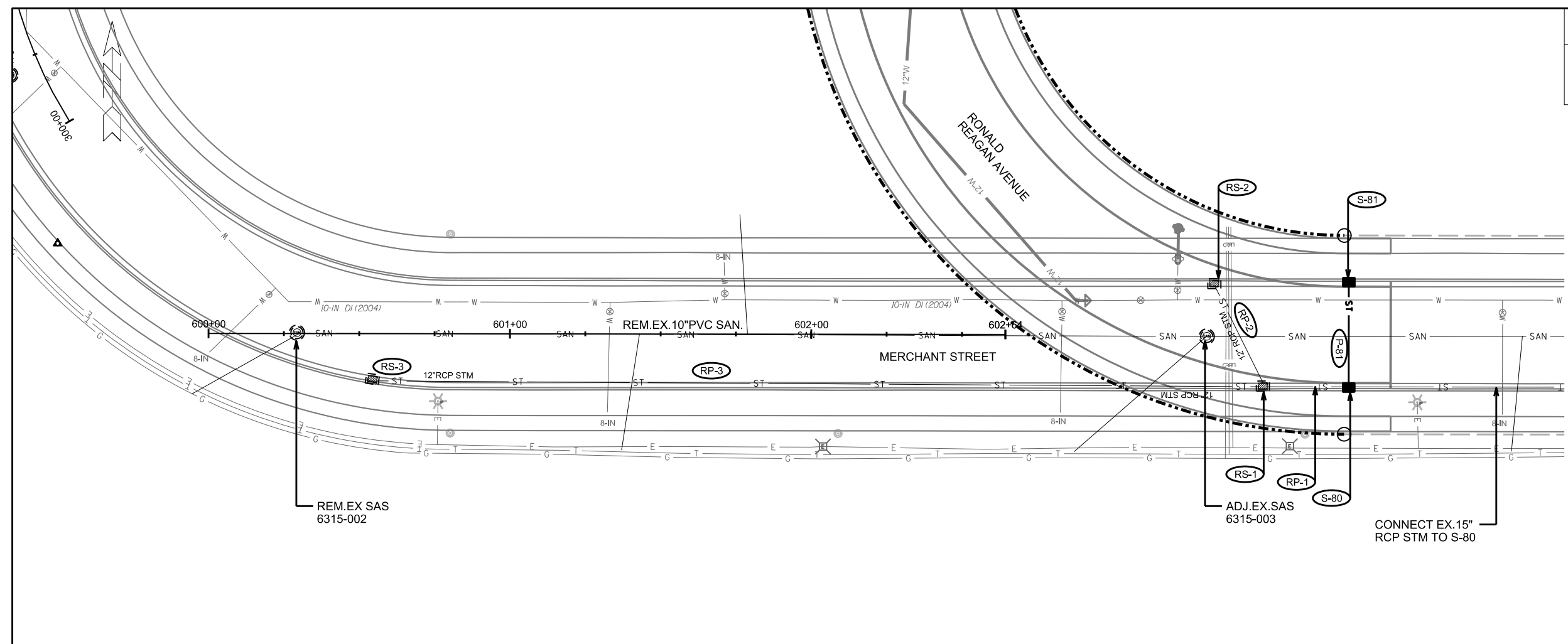


PLOT SCALE: \_\_\_\_\_

PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



PLOT SCALE: \_\_\_\_\_

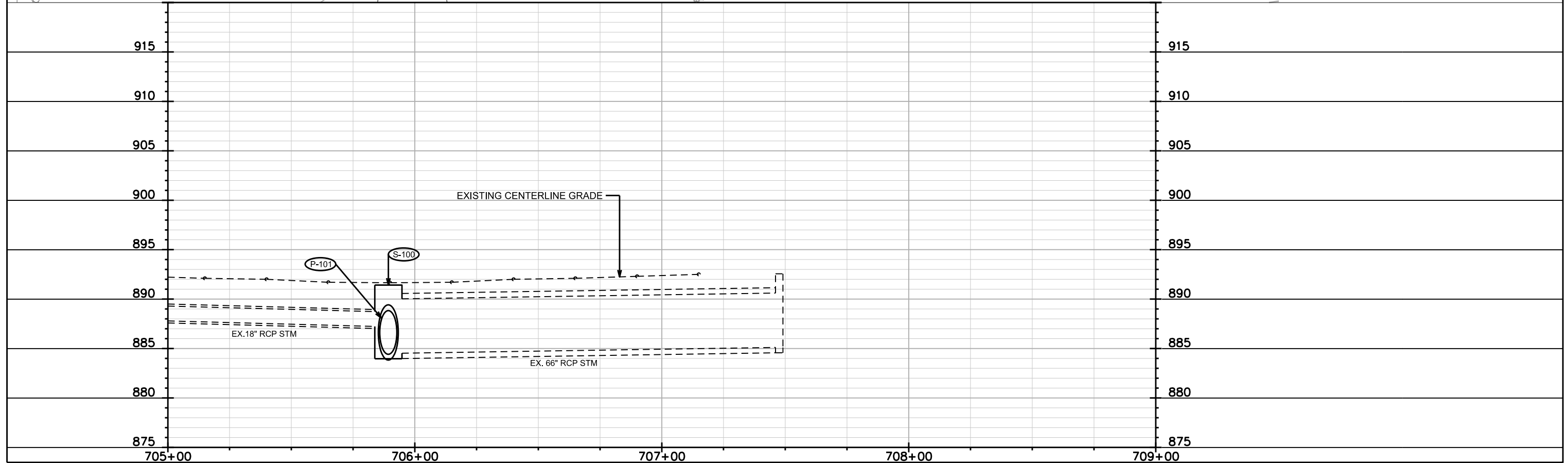
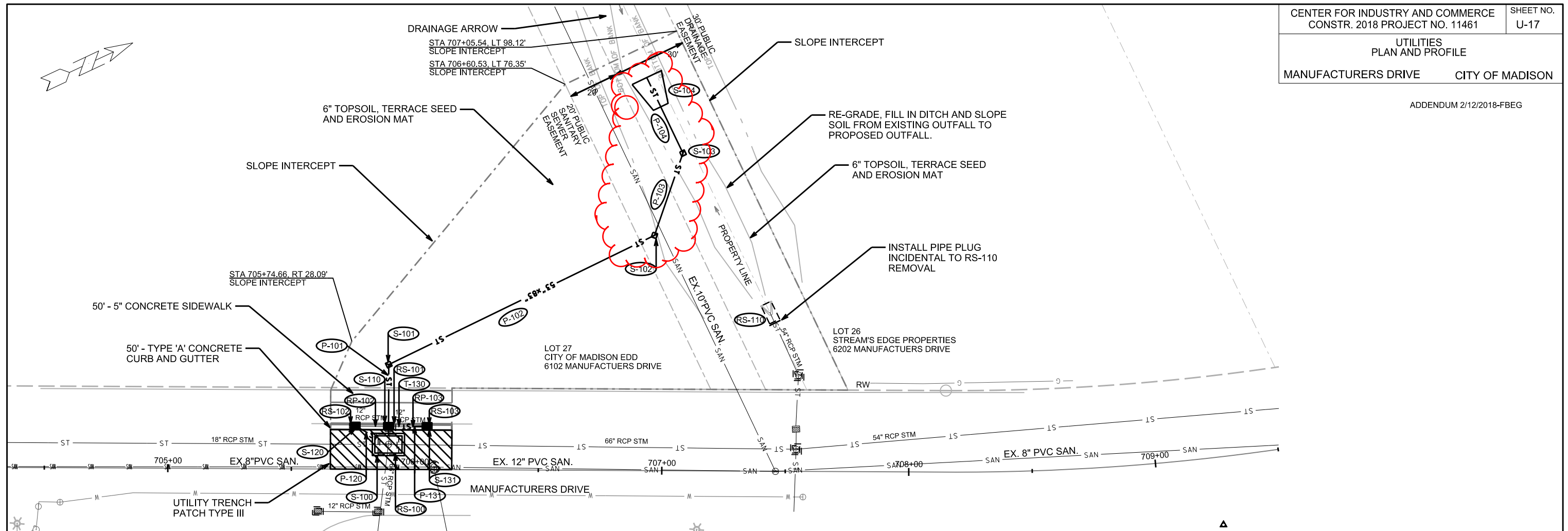
PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



ADDENDUM 2/12/2018-FBEG



PLOT SCALE: \_\_\_\_\_

PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

# SANITARY SEWER SCHEDULE

## PROPOSED SANITARY SEWER ACCESS STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH	DIA. (FT)	NOTES
<b>RONALD REAGAN AVENUE</b>							
SAS #3	113+03.50	CL	910.81	898.14	12.67	4	[1]
SAS #4B	116+77.27	CL	914.09	902.52	11.57	4	-
SAS #5B	119+84.72	CL	917.34	903.84	13.50	4	-
SAS #6B	121+90.44	CL	919.29	904.71	14.58	4	-
SAS #7B	123+96.16	CL	917.64	906.00	11.64	4	-
SAS #4A	109+98.44	CL	911.34	899.84	11.50	4	-
SAS #5A	106+75.00	CL	912.22	901.22	11.00	4	-

## JOHN WALL DRIVE

SAS #10	208+79.93	CL	903.59	891.50	12.09	4	-
SAS #11	204+89.93	CL	907.56	894.50	13.06	4	-
SAS #12	201+25.01	CL	914.84	901.57	13.27	4	-

## PROPOSED DITCH

SAS #0	804+52.23	CL	898.68	886.88	11.80	4	[1]
SAS #1	512+52.45	RT-24.14	902.37	889.90	12.47	4	[1]
SAS #2	510+22.49	RT-23.60	905.39	892.93	12.46	4	[1]

## REMOVE OR ABANDON SANITARY SEWER ACCESS STRUCTURES

SAS NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH (FT)	NOTES
<b>EXISTING DITCH</b>						
SAS 6314-004	409+50.96	RT-9.17	900.44	891.07	9.37	REMOVE
SAS 6314-003	405+50.62	RT-12.24	905.78	896.33	9.45	REMOVE
<b>MERCHANT STREET</b>						
SAS 6314-002	304+74.59	RT-0.19	910.02	898.78	11.24	REMOVE
SAS 6314-001	302+71.95	LT-1.05	911.55	900.53	11.02	REMOVE
SAS 6315-001	300+21.99	LT-10.23	913.57	903.57	10.00	REMOVE
SAS 6315-002	600+29.33	LT-0.28	913.11	903.05	10.06	REMOVE
<b>PROPOSED DITCH</b>						
SAS 6414-001	803+07.35	LT-25.96	898.42	887.00	11.42	REMOVE

## ADJUST SANITARY SEWER ACCESS STRUCTURES

SAS NO.	STATION	LOCATION (OFFSET)	EX. RIM	ADJUST RIM	DIFF. (FT)	NOTES
<b>PROPOSED DITCH</b>						
SAS 6414-002	804+88.80	LT-23.71	897.84	897.79	-0.05	[1]; [2]
<b>MERCHANT STREET</b>						
SAS 6315-003	104+74.53	LT-7.36	911.17	910.94	-0.23	[3]

## SPECIFIC NOTES:

- [1] INSTALL INTERNAL CHIMNEY SEAL
- [2] RECONSTRUCT BENCH AND FLOWLINE.
- [3] INSTALL SEWER PLUG IN WEST CORE OPENING

## PROPOSED SANITARY SEWER PIPES

FROM SAS (DOWNSTREAM)	TO SAS (UPSTREAM)	E.I. (DOWNSTREAM)	E.I. (UPSTREAM)	LENGTH (FT)	SLOPE (%)	SIZE	PVC TYPE	NOTES
<b>RONALD REAGAN AVENUE</b>								
SAS #3	SAS #4B	898.24	902.52	374	1.14%	10"	SDR-26	-
SAS #4B	SAS #5B	902.62	903.84	307	0.40%	10"	SDR-26	-
SAS #5B	SAS #6B	903.89	904.71	206	0.40%	10"	SDR-26	-
SAS #6B	SAS #7B	904.76	906.00	206	0.60%	10"	SDR-26	-
SAS #7B	STA 123+96.22 LT 41.77'	906.10	907.51	47	3.00%	10" STUB	SDR-26	-
SAS #3	SAS #4A	898.24	899.84	305	0.52%	8"	SDR-26	-
SAS #4A	SAS #5A	899.94	901.22	323	0.40%	8"	SDR-26	-

## JOHN WALL DRIVE

SAS #6413-002	SAS #10	885.27	891.50	393	1.59%	8"	SDR-26	-
SAS #10	SAS #11	891.60	894.50	390	0.74%	8"	SDR-26	-
SAS #11	SAS #12	894.60	901.57	365	1.91%	8"	SDR-26	-
SAS #11	STA 204+89.93 LT 41.77'	894.60	894.86	45	0.58%	8" STUB	SDR-26	-

## PROPOSED DITCH

SAS #6414-002	SAS #0	886.39	886.88	44	1.11%	10"	SDR-26	-
SAS #0	SAS #1	886.98	889.90	398	0.73%	10"	SDR-26	-
SAS #1	SAS #2	890.00	892.93	230	1.27%	10"	SDR-26	-
SAS #2	SAS #3	893.03	898.14	243	2.10%	10"	SDR-26	-

## REMOVE OR ABANDON SANITARY SEWER PIPE

FROM SAS (DOWNSTREAM)	TO SAS (UPSTREAM)	LENGTH (FT)	PAID (Y/N)	PLAN (PAY) LGTH (FT)	SIZE (DIA) (IN)	PIPE TYPE	NOTES
<b>EXISTING DITCH</b>							
SAS 6414-001	SAS 6314-004	285	Y	285	10"	PVC	REMOVE
SAS 6314-004	SAS 6314-003	400	Y	400	10"	PVC	REMOVE
SAS 6314-003	SAS 6314-002	114	Y	114	10"	PVC	REMOVE
<b>MERCHANT STREET</b>							
SAS 6314-002	SAS 6314-001	203	Y	203	8"	PVC	REMOVE
SAS 6314-001	SAS 6315-001	252	Y	252	8"	PVC	REMOVE
SAS 6315-003	SAS 6315-002	302	Y	302	8"	PVC	REMOVE
<b>PROPOSED DITCH</b>							
SAS 6414-002	SAS 6414-001	182	Y	182	10"	PVC	REMOVE

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON STREETS DIVISION



# STORM SEWER SCHEDULE

## REMOVE STORM STRUCTURES

STRUC. NO.	ID NO.	STATION	LOCATION (OFFSET) FT	TYPE	NOTES
<b>RONALD REGAN</b>					
RS-10	AE 6314-009	305+00.27	RT-63.86	AE	[1]
<b>MERCHANT STREET</b>					
RS-20	AE 6314-008	305+00.27	RT-63.86	AE	[1]
RS-21	AS 6314-007	304+95.83	RT-38.30	SAS	-
RS-22	AS 6314-002	305+02.97	LT-8.68	SAS	-
RS-23	AS 6314-004	304+99.01	LT-38.12	SAS	-
RS-24	AE 6314-005	304+98.13	LT-60.28	AE	[1]
RS-25	AS 6314-001	304+91.19	LT-9.71	SAS	-
RS-26	IN 6314-006	304+89.45	RT-17.15	H INLET	-
RS-27	IN 6314-003	304+90.65	LT-16.98	H INLET	-
RS-28	IN 6314-009	303+46.46	LT-17.51	H INLET	-
RS-29	IN 6315-080	300+44.72	LT-17.23	H INLET	-
RS-1	IN 6315-005	104+54.44	LT-19.18	H INLET	-
RS-2	IN 6315-006	104+77.41	RT-10.10	H INLET	-
RS-3	IN 6315-083	600+54.36	RT-15.32	H INLET	-
<b>EXISTINTG DITCH</b>					
RS-53	AS 6414-013	412+25.50	LT-4.28	SAS	-
RS-54	AS 6414-014	411+99.60	LT-15.13	SAS	-
RS-55	AE 6314-010	411+70.69	LT-14.39	AE	[1]
<b>PROPOSED DITCH</b>					
RS-50	AE 6414-002	804+57.24	LT-97.02	AE	[1]
RS-51	AS 6414-011	804+60.51	LT-64.29	SAS	-
RS-52	AS 6414-010	804+55.79	LT-13.16	SAS	-
<b>MANUFACTURERS DRIVE</b>					
RS-100	AS 6414-001	705+89.27	LT-10.06	SAS	-
RS-101	IN 6414-019	705+90.01	LT-17.04	H INLET	-
RS-102	IN 6414-021	705+75.80	LT-17.50	H INLET	-
RS-103	IN 6414-020	706+04.88	LT-17.50	H INLET	-
* RS-110	AE 6414-006	<b>707+41.88</b>	<b>LT-67.82</b>	AE	[1]

## ULOs

NO.	STATION	LOCATION	TYPE	NOTES
<b>RONALD REAGAN AVANUE</b>				
ULO-1	123+87.18	LT-43.51	TEL.	-
ULO-2	123+91.09	RT-25.71	TEL.	-
<b>JOHN WALL DRIVE</b>				
ULO-3	212+15.71	RT-17.57	GAS	-

\*10 UNDISTRIBUTED ULOs

## SPECIAL NOTES:

[1] PAID AS BID ITEM 20313 (REMOVE INLET)

## REMOVE STORM SEWER PIPE

REMOVE NO.	REMOVE FROM	REMOVE TO	LENGTH (FT)	PAID (Y/N)	PAID LENGTH(FT)	PIPE SIZE (IN)	TYPE	NOTES
<b>RONALD REGAN</b>								
RP-11	RS-10	S-60	30.0	Y	30.0	15	RCP	-
<b>MERCHANT STREET</b>								
RP-21	RS-20	RS-21	29.5	Y	29.5	42	RCP	-
RP-22	RS-21	RS-22	47.5	Y	47.5	42	RCP	-
RP-23	RS-22	RS-23	29.5	Y	29.5	36	RCP	-
RP-24	RS-23	RS-24	22.5	Y	22.5	36	RCP	-
RP-25	RS-22	RS-25	12.0	Y	12.0	18	RCP	-
RP-26	RS-25	RS-26	27.0	Y	27.0	12	RCP	-
RP-27	RS-25	RS-27	7.5	Y	7.5	12	RCP	-
RP-28	RS-25	RS-28	146.0	Y	146.0	18	RCP	-
RP-29	RS-28	RS-29	306.5	Y	306.5	18	RCP	-
RP-1	S-80	RS-1	28.5	Y	28.5	12	RCP	-
RP-2	RS-1	RS-2	38.0	Y	38.0	12	RCP	-
RP-3	RS-1	RS-3	295.5	Y	295.5	12	RCP	-
<b>EXISTINTG DITCH</b>								
RP-54	RS-53	RS-54	28.0	Y	28.0	48	RCP	-
RP-55	RS-54	RS-55	33.0	Y	33.0	48	RCP	-
<b>PROPOSED DITCH</b>								
RP-51	RS-50	RS-51	29.0	Y	29.0	48	RCP	-
RP-52	RS-51	RS-52	51.0	Y	51.0	48	RCP	-
RP-53	RS-52	RS-53	162.0	Y	162.0	48	RCP	-
RP-53A	RS-52	S-91	30.0	Y	30.0	24	RCP	-
<b>MANUFACTURERS DRIVE</b>								
RP-101	RS-100	RS-101	3.0	N	0.0	15	RCP	-
RP-102	RS-101	RS-102	12.5	Y	12.5	12	RCP	-
RP-103	RS-101	RS-103	13.0	N	13.0	12	RCP	-

## SPECIFIC 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.

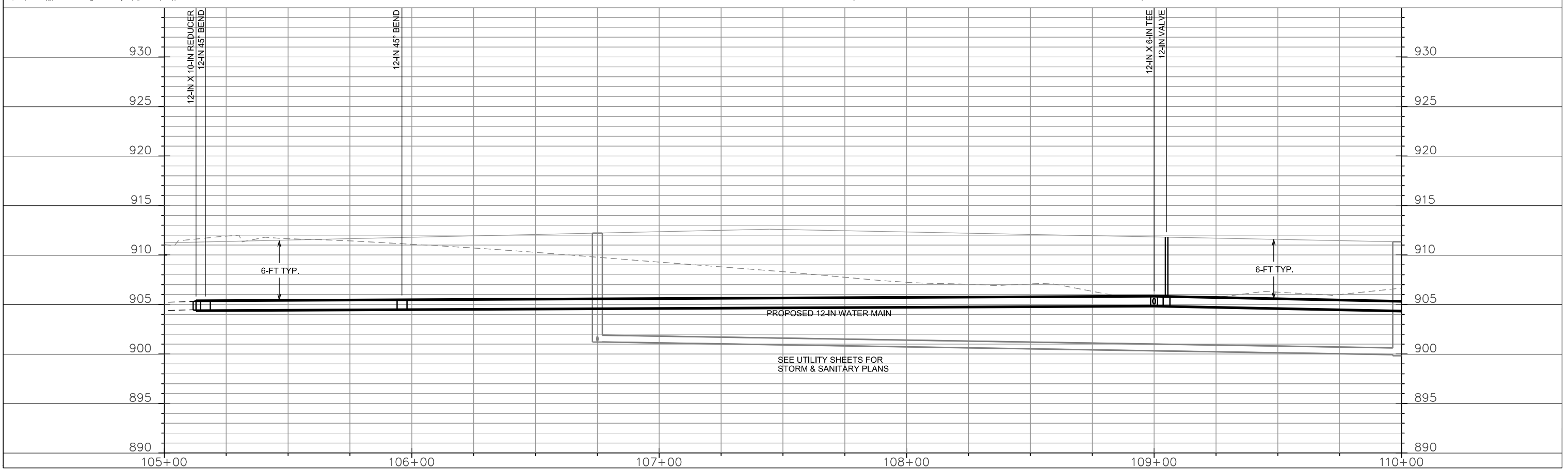
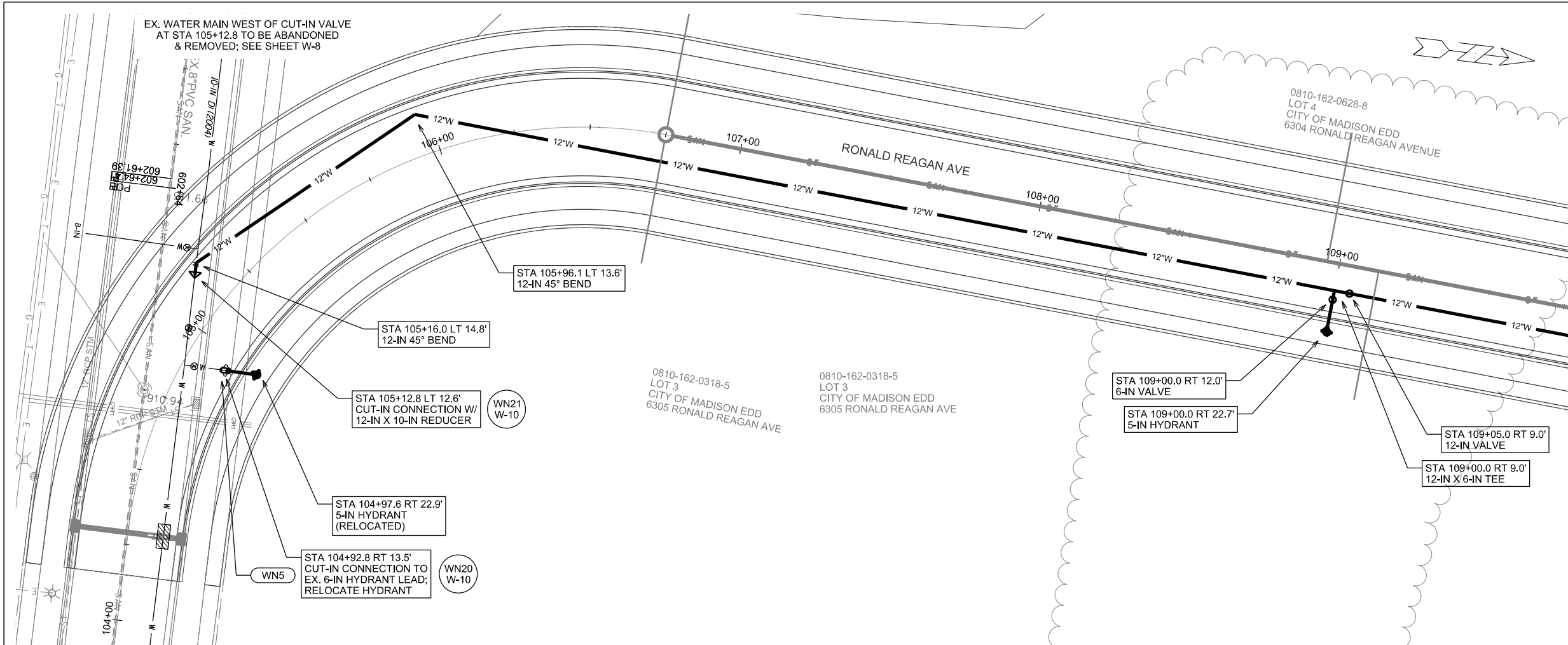
- TOP OF CASTING GRADE GIVEN IS THE TOP OF CURB FOR INLET STRUCTURES AND THE FLOWLINE OF THE CLOSED CASTING FOR SAS's.

- 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 FADI EL MUSA OF CITY ENGINEERING AT (608) 243-5214 FOR PRECAST APPROVALS, OR FAX SHOP DRAWINGS TO (608) 264-9275, OR EMAIL SHOP DRAWINGS TO FELMUSAGONZALEZ@CITYOFMADISON.COM



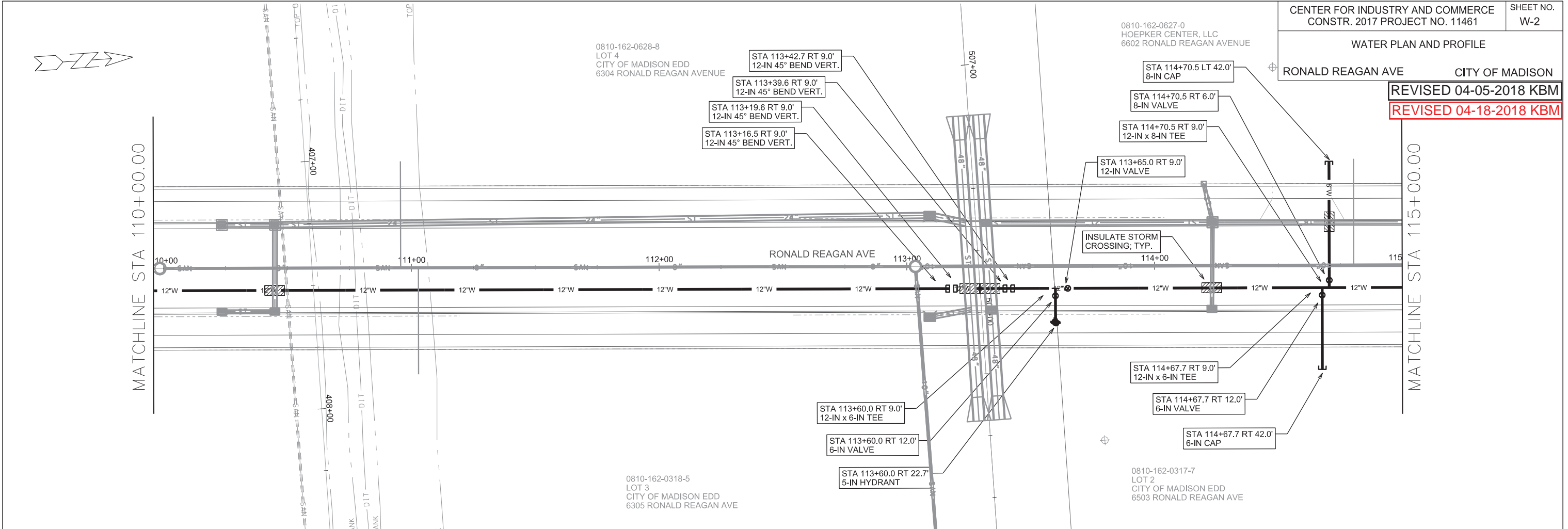
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PLOT NAME: \_\_\_\_\_

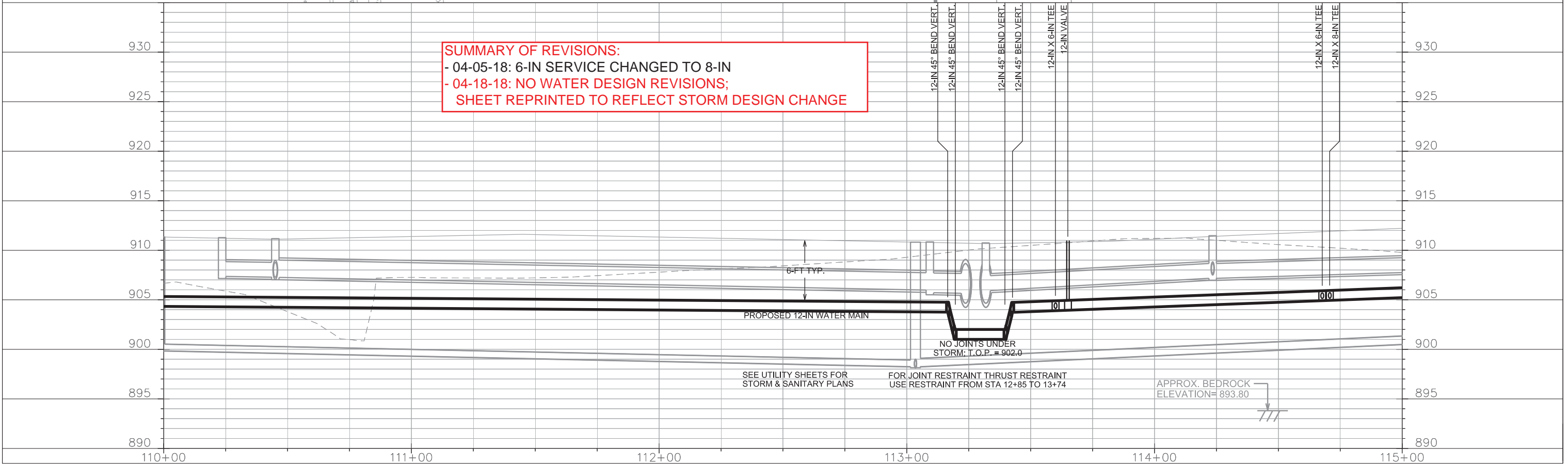
REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

REVISED 04-05-2018 KBM  
REVISED 04-18-2018 KBM



**SUMMARY OF REVISIONS:**  
 - 04-05-18: 6-IN SERVICE CHANGED TO 8-IN  
 - 04-18-18: NO WATER DESIGN REVISIONS;  
 SHEET REPRINTED TO REFLECT STORM DESIGN CHANGE



PLOT SCALE: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

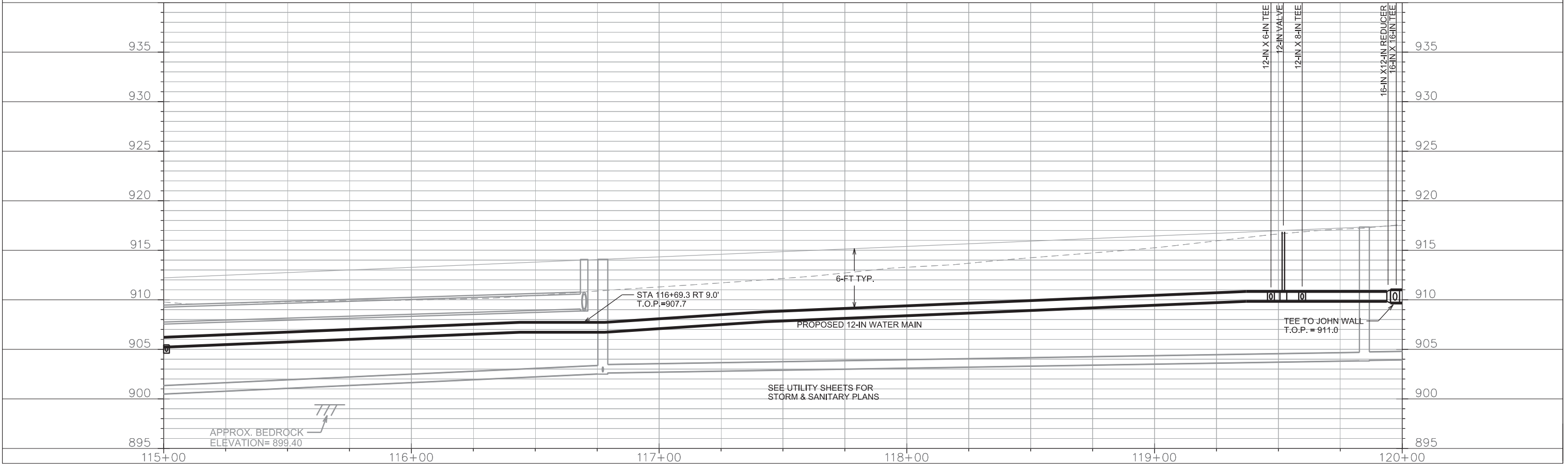
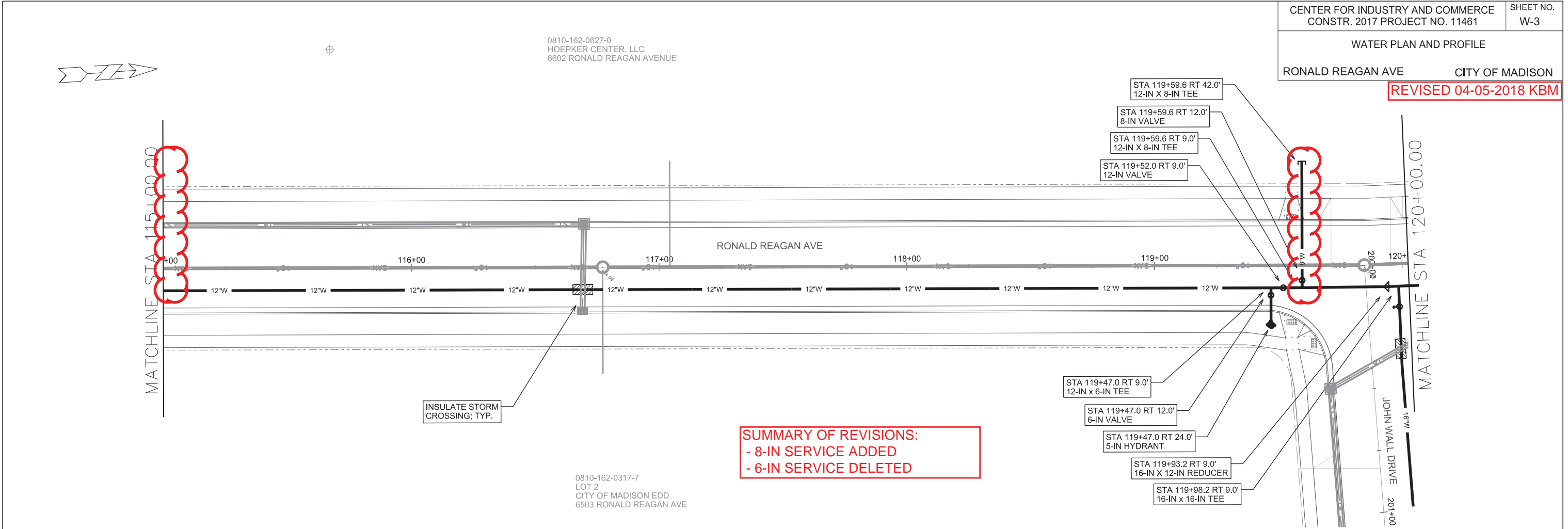
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



0810-162-0627-0  
 HOEPKER CENTER, LLC  
 6602 RONALD REAGAN AVENUE

0810-162-0317-7  
 LOT 2  
 CITY OF MADISON EDD  
 6503 RONALD REAGAN AVE

**SUMMARY OF REVISIONS:**  
 - 8-IN SERVICE ADDED  
 - 6-IN SERVICE DELETED



PLOT SCALE: \_\_\_\_\_

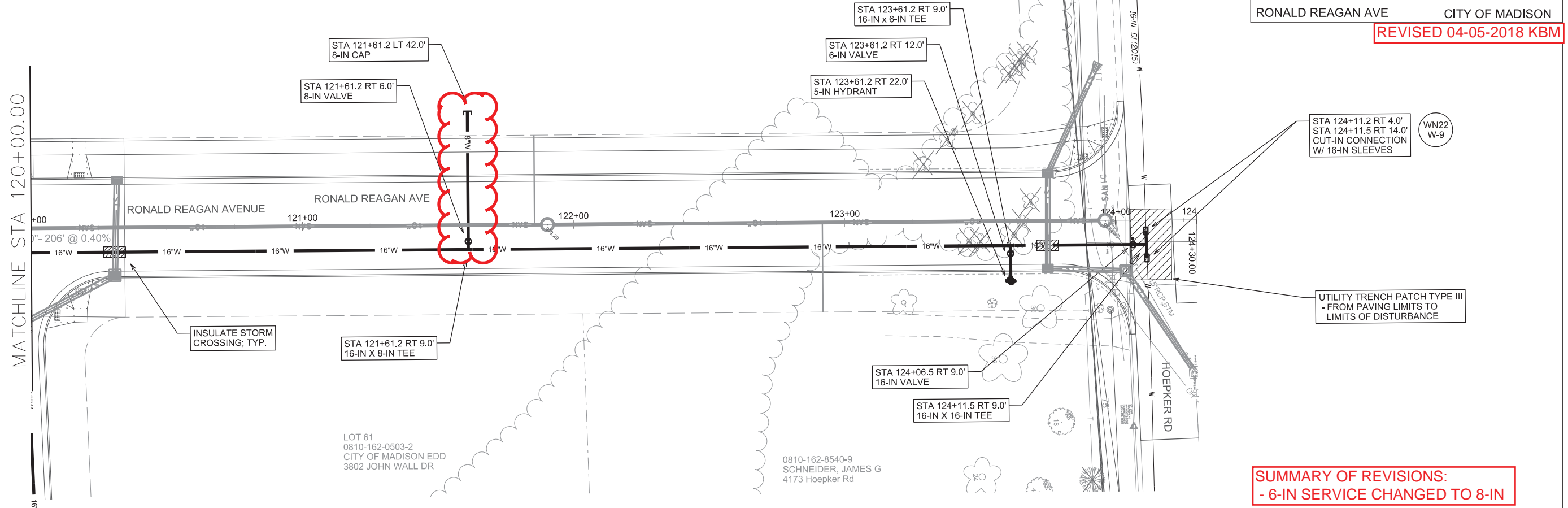
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REV. DATE: \_\_\_\_\_

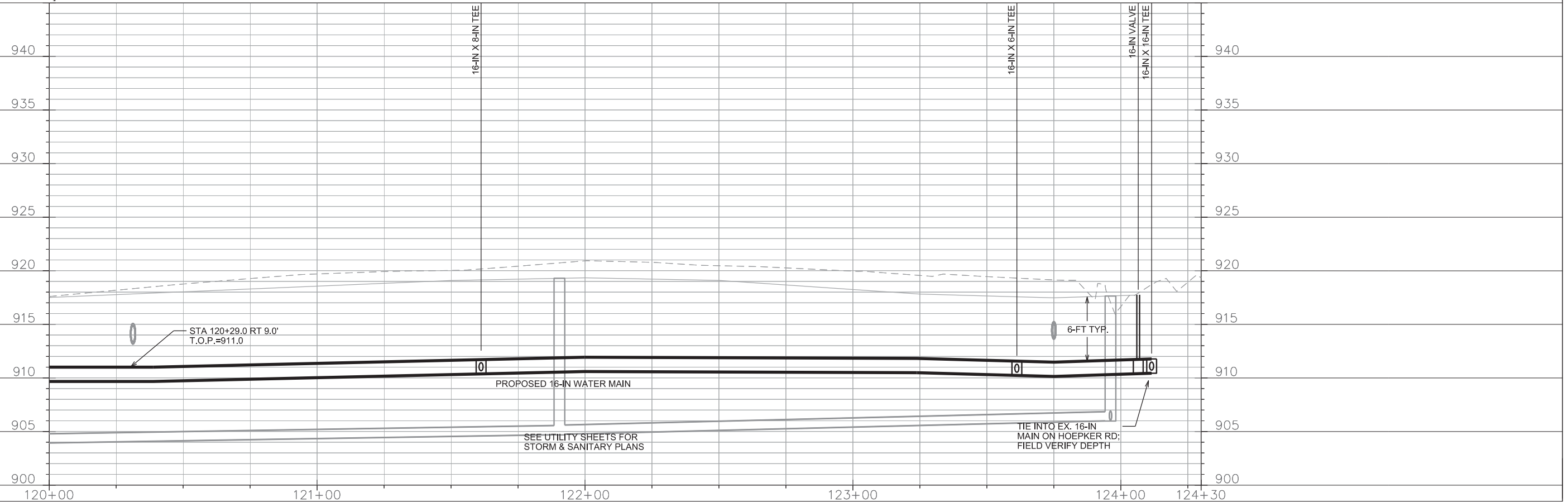
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

0810-162-0627-0  
HOEPKER CENTER, LLC  
6602 RONALD REAGAN AVENUE

CENTER FOR INDUSTRY AND COMMERCE  
CONSTR. 2017 PROJECT NO. 11461  
SHEET NO. W-4  
WATER PLAN AND PROFILE  
RONALD REAGAN AVE CITY OF MADISON  
**REVISED 04-05-2018 KBM**



**SUMMARY OF REVISIONS:  
- 6-IN SERVICE CHANGED TO 8-IN**

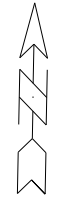


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PLOT NAME: \_\_\_\_\_  
REV. DATE: \_\_\_\_\_  
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



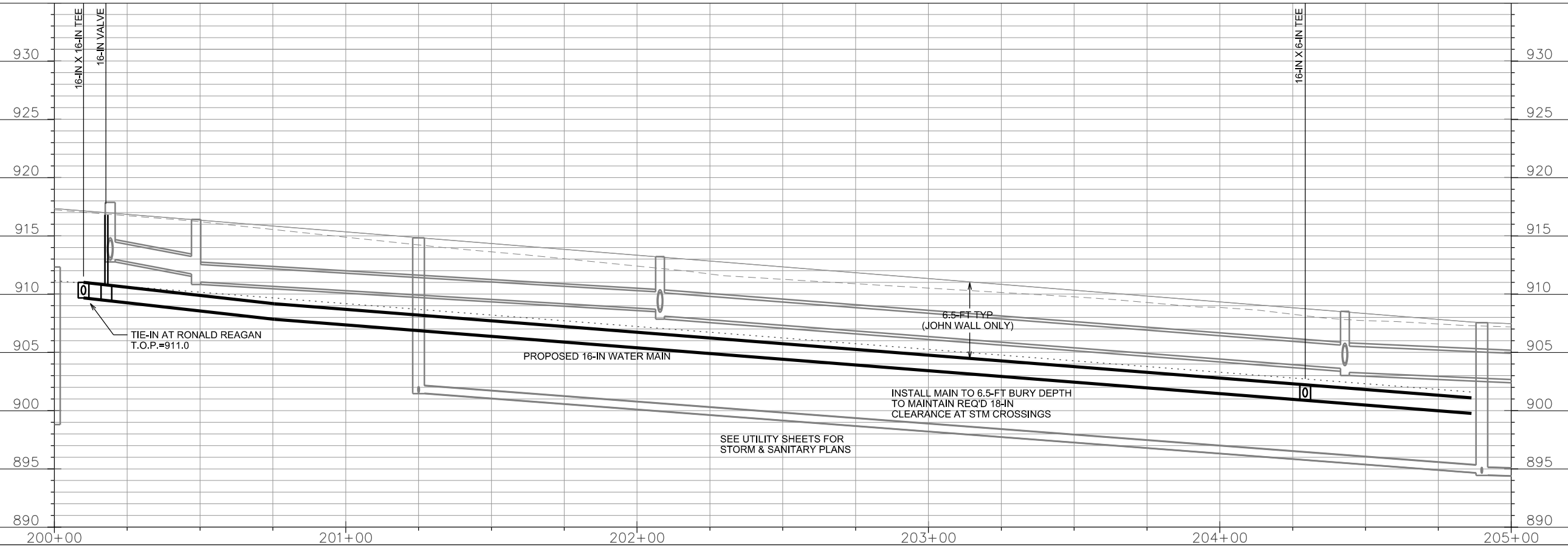
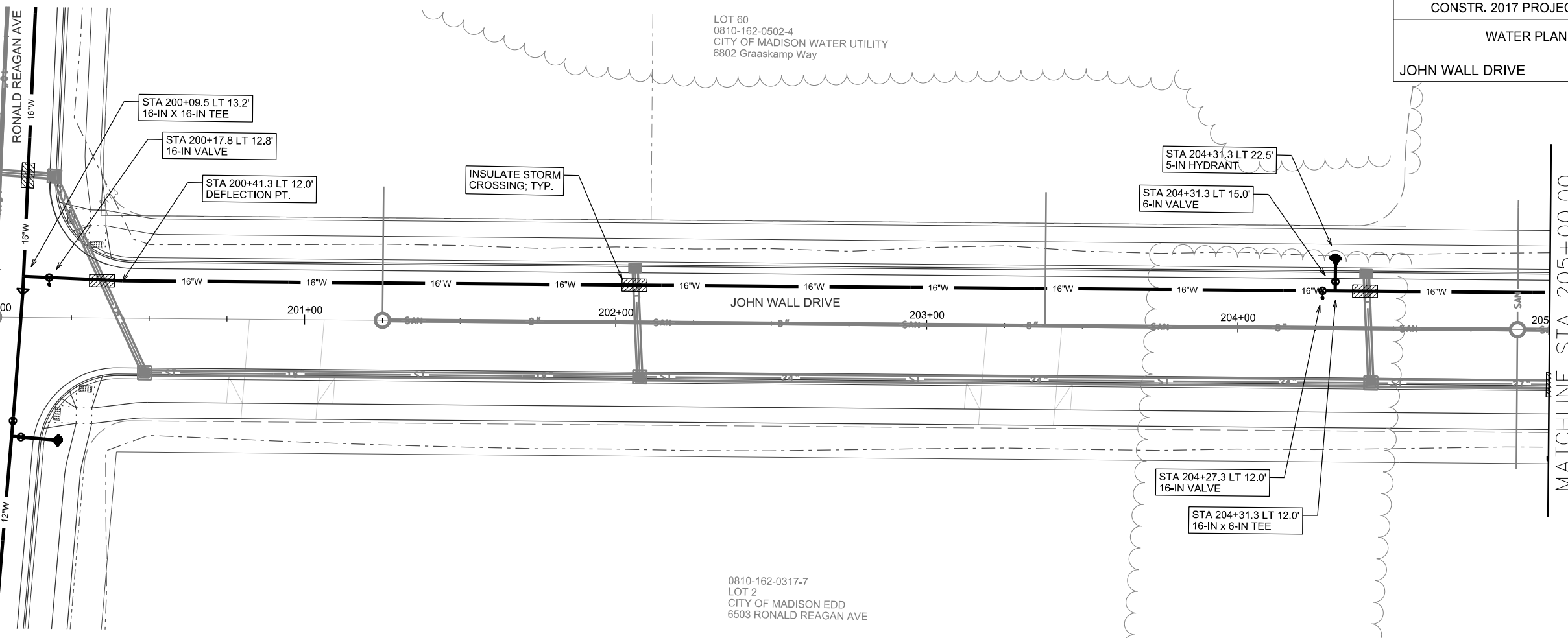
LOT 60  
0810-162-0502-4  
CITY OF MADISON WATER UTILITY  
6802 Graaskamp Way

0810-162-0317-7  
LOT 2  
CITY OF MADISON EDD  
6503 RONALD REAGAN AVE



MATCHLINE STA 200+00.00

MATCHLINE STA 205+00.00



SEE UTILITY SHEETS FOR  
STORM & SANITARY PLANS

INSTALL MAIN TO 6.5-FT BURY DEPTH  
TO MAINTAIN REQ'D 18-IN  
CLEARANCE AT STM CROSSINGS

6.5 FT TYP  
(JOHN WALL ONLY)

TIE-IN AT RONALD REAGAN  
T.O.P.=911.0

PROPOSED 16-IN WATER MAIN

PLOT SCALE: \_\_\_\_\_

PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

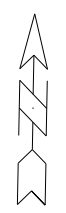
LOT 57  
0810-162-0407-6  
CITY OF MADISON EDD  
3818 JOHN WALL DR

LOT 56  
0810-162-0406-8  
CITY OF MADISON EDD  
3826 JOHN WALL DR

LOT 55  
0810-162-0405-0  
CITY OF MADISON EDD  
3834 JOHN WALL DR

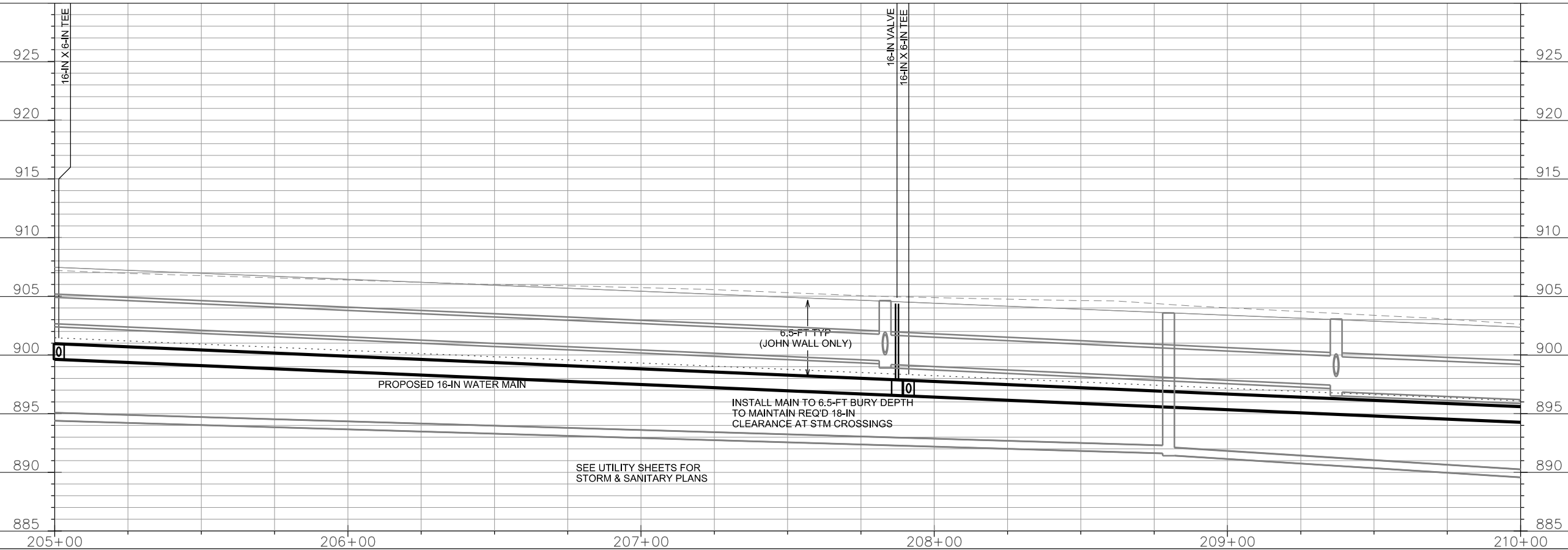
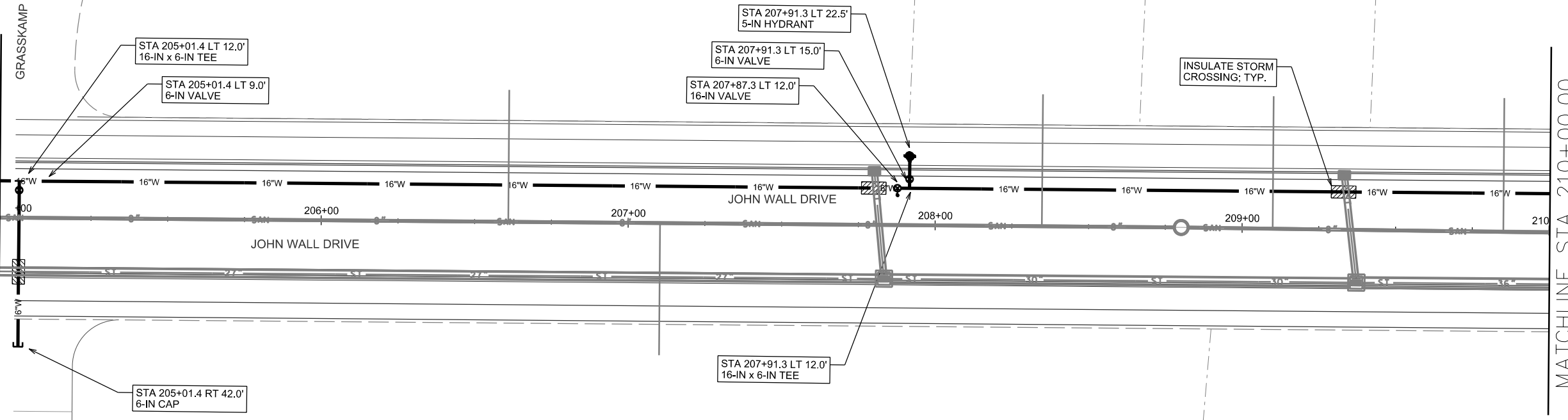
LOT 1  
LOT 34  
0810-162-0214-5  
CITY OF MADISON EDD  
3817 JOHN WALL DRIVE

LOT 1  
LOT 21  
0810-162-0201-2  
CITY OF MADISON EDD  
3833 JOHN WALL DR



MATCHLINE STA 205+00.00

MATCHLINE STA 210+00.00

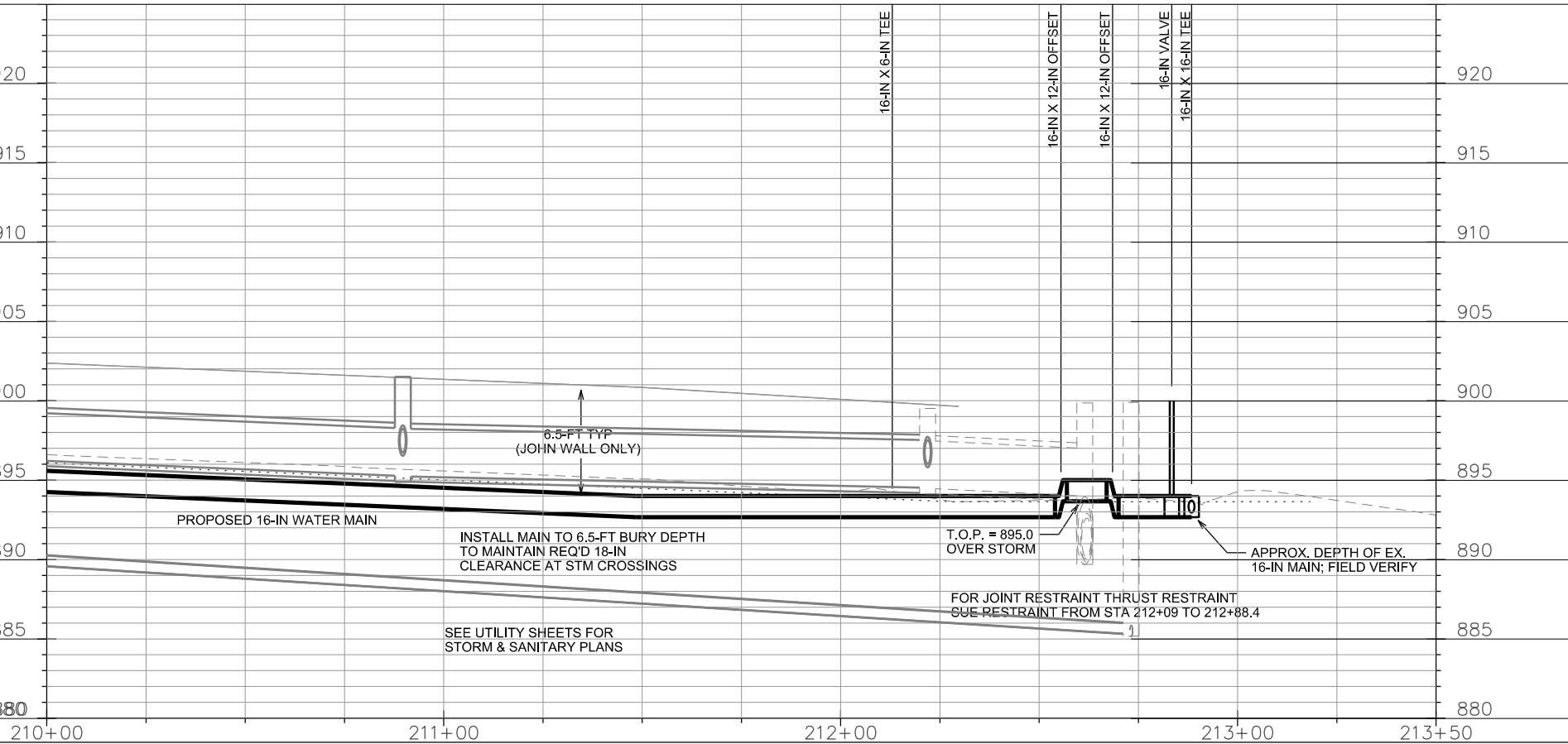
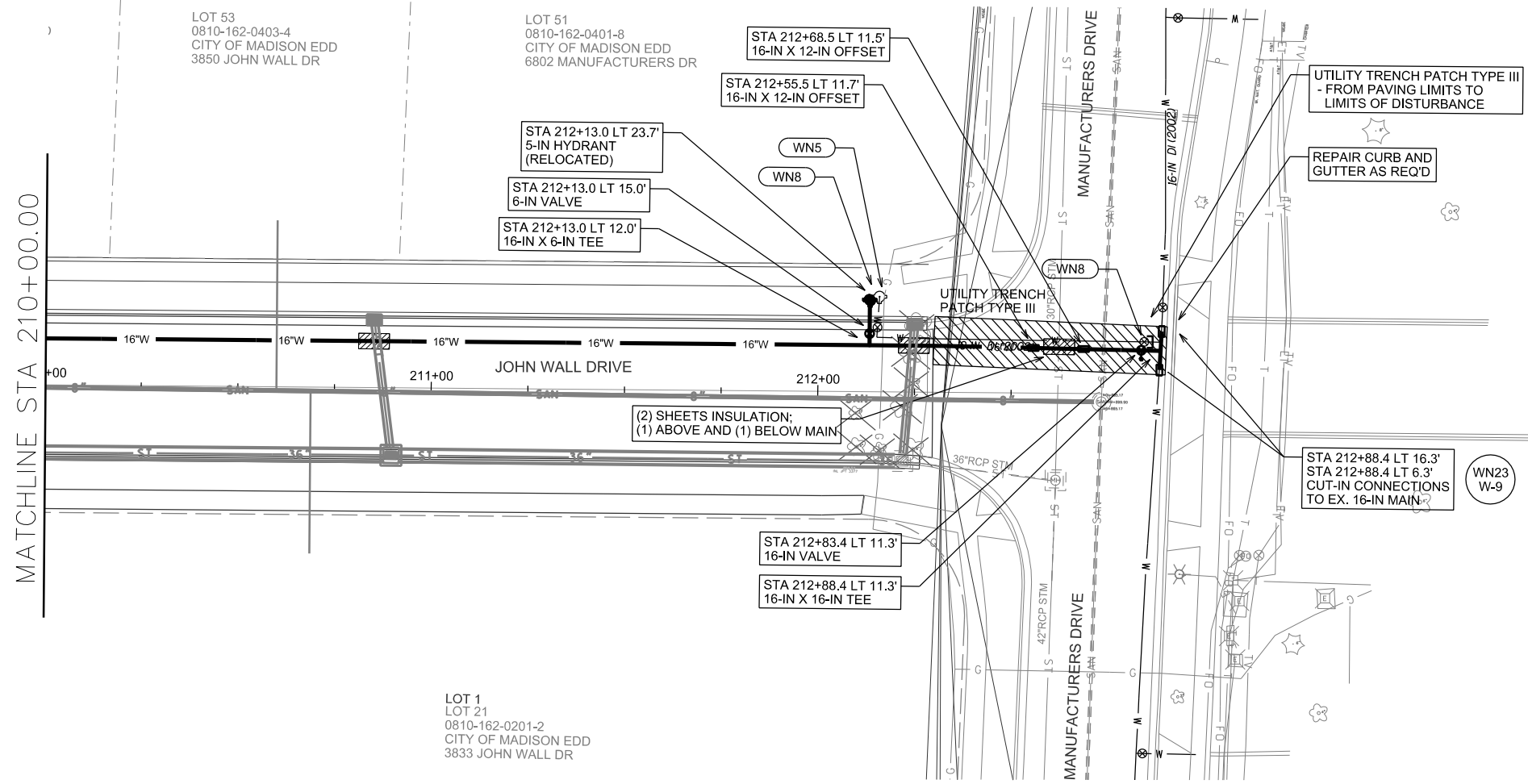
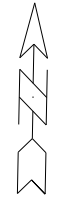


PLOT SCALE: \_\_\_\_\_

PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

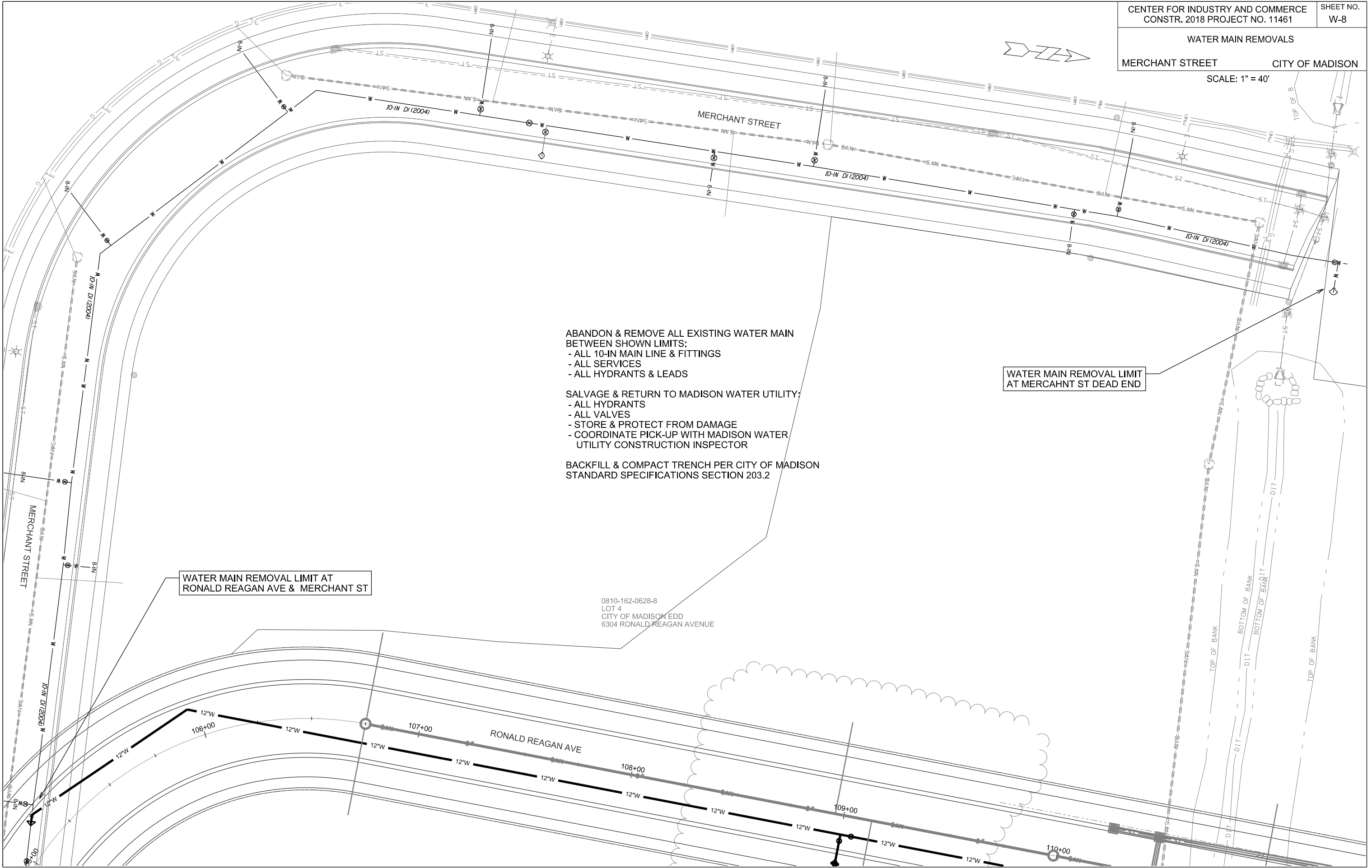


PLOT SCALE: \_\_\_\_\_

PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



ABANDON & REMOVE ALL EXISTING WATER MAIN BETWEEN SHOWN LIMITS:

- ALL 10-IN MAIN LINE & FITTINGS
- ALL SERVICES
- ALL HYDRANTS & LEADS

SALVAGE & RETURN TO MADISON WATER UTILITY:

- ALL HYDRANTS
- ALL VALVES
- STORE & PROTECT FROM DAMAGE
- COORDINATE PICK-UP WITH MADISON WATER UTILITY CONSTRUCTION INSPECTOR

BACKFILL & COMPACT TRENCH PER CITY OF MADISON STANDARD SPECIFICATIONS SECTION 203.2

WATER MAIN REMOVAL LIMIT AT MERCAHNT ST DEAD END

WATER MAIN REMOVAL LIMIT AT RONALD REAGAN AVE & MERCHANT ST

0810-162-0628-8  
LOT 4  
CITY OF MADISON EDD  
6304 RONALD REAGAN AVENUE

PLOT SCALE: \_\_\_\_\_

PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

NOTE:  
 CENTER FOR INDUSTRY &  
 COMMERCE STREET R.O.W. &  
 LOT LINES FROM FORMER CMS



CUT-IN CONNECTIONS  
 HOEPKER AT R. REAGAN

WN22  
 W-4

V-4122

DEAD  
 END

HOEPKER RD

MANUF

6901

RONALD REAGAN AVE

GRAASKAMP WAY

JOHN WALL DR

JOHN WALL DR

MANUFACTURERS DR

6602

6801

3802

3810

6802

6818

6817

6801

3818

3826

3834

3842

3850

3858

6818

6802

6801  
 SCHOEP'S  
 ICE CREAM

V-6

SV-14

SV-13

SV-12

SV-5

V-4

SV-8

SV-11

6701

WN23  
 W-7

CUT-IN CONNECTION  
 JOHN WALL AT MANUFACTURERS

PROVIDE MIN. ONE WEEK SERVICE  
 OUTAGE NOTIFICATION TO SCHOEP'S ICE  
 CREAM INC. AT 6801 MANUFACTURERS DR;  
 CONTACT JEFF ASSELIN AT (608) 245-4130

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: \_\_\_\_\_

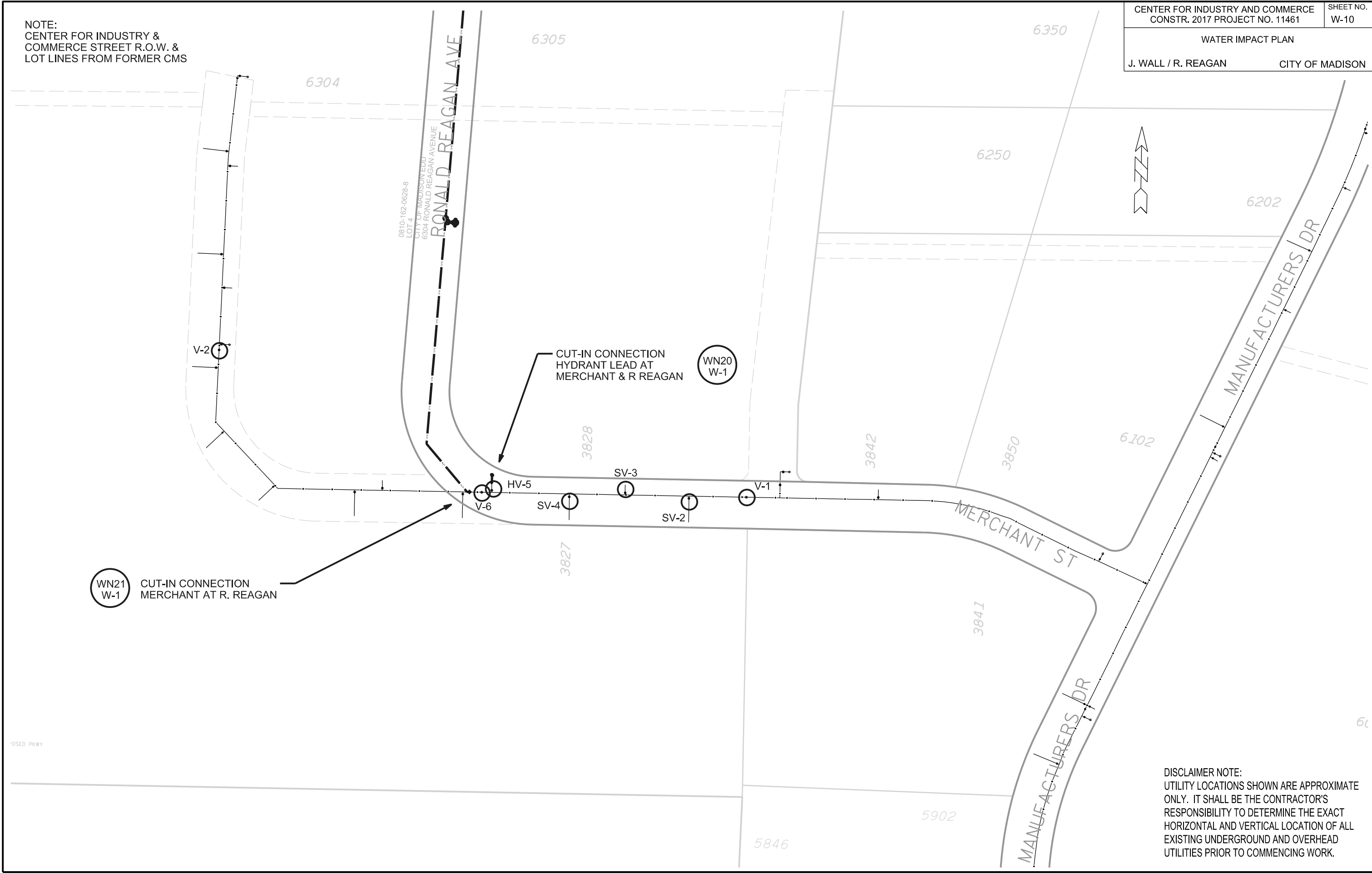
PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

NOTE:  
 CENTER FOR INDUSTRY &  
 COMMERCE STREET R.O.W. &  
 LOT LINES FROM FORMER CMS

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



**CONSTRUCTION NOTES:**

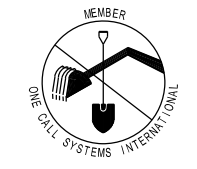
1. CONSTRUCT NEW WATER MAIN 6.0' BELOW FINISHED GRADE, UNLESS OTHERWISE NOTED. INSULATE MAIN WITH POLYSTYRENE BOARD AT UTILITY CROSSINGS OR OTHER AREAS IDENTIFIED BY ENGINEER AS HAVING INADEQUATE COVER.
2. VERIFY SIZE OF EXISTING WATER SERVICES AND RECONNECT SERVICES AS INDICATED.
3. MINIMIZE DISRUPTION 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.

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

CALL DIGGERS HOTLINE  
TOLL FREE  
811 OR 1-800-242-8511  
FAX-A-LOCATE 1-800-338-3860  
TDD (FOR HEARING IMPAIRED) 1-800-542-2289

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



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

**ESTIMATE OF MATERIALS SUPPLIED BY CONTRACTOR:**

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

- 370-FT 6-IN PIPE
- 1520-FT 12-IN PIPE
- 1740-FT 16-IN PIPE
- 4175-FT POLYWRAP

- 12 6-IN VALVE & BOX
- 3 12-IN VALVE & BOX
- 5 16-IN BUTTERFLY VALVE & BOX

- 6 12-IN X 6-IN TEE
- 6 16-IN X 6-IN TEE
- 3 16-IN X 16-IN TEE

- 6 10-IN 45° BEND

- 1 16-IN X 12-IN REDUCER
- 1 12-IN X 10-IN REDUCER

- 2 16-IN X 12-IN OFFSET

- 5 6-IN MJ CAP

- 6 5-IN HYDRANT

- 136-FT 2-IN STYROFOAM INSULATION

- COPPER SERVICE TUBING/COUPLINGS (AS REQUIRED)

- HYDRANT OR VALVE BOX RISERS/EXTENSIONS (AS REQUIRED)

**ESTIMATE REMOVED AND REUSED MATERIALS:**

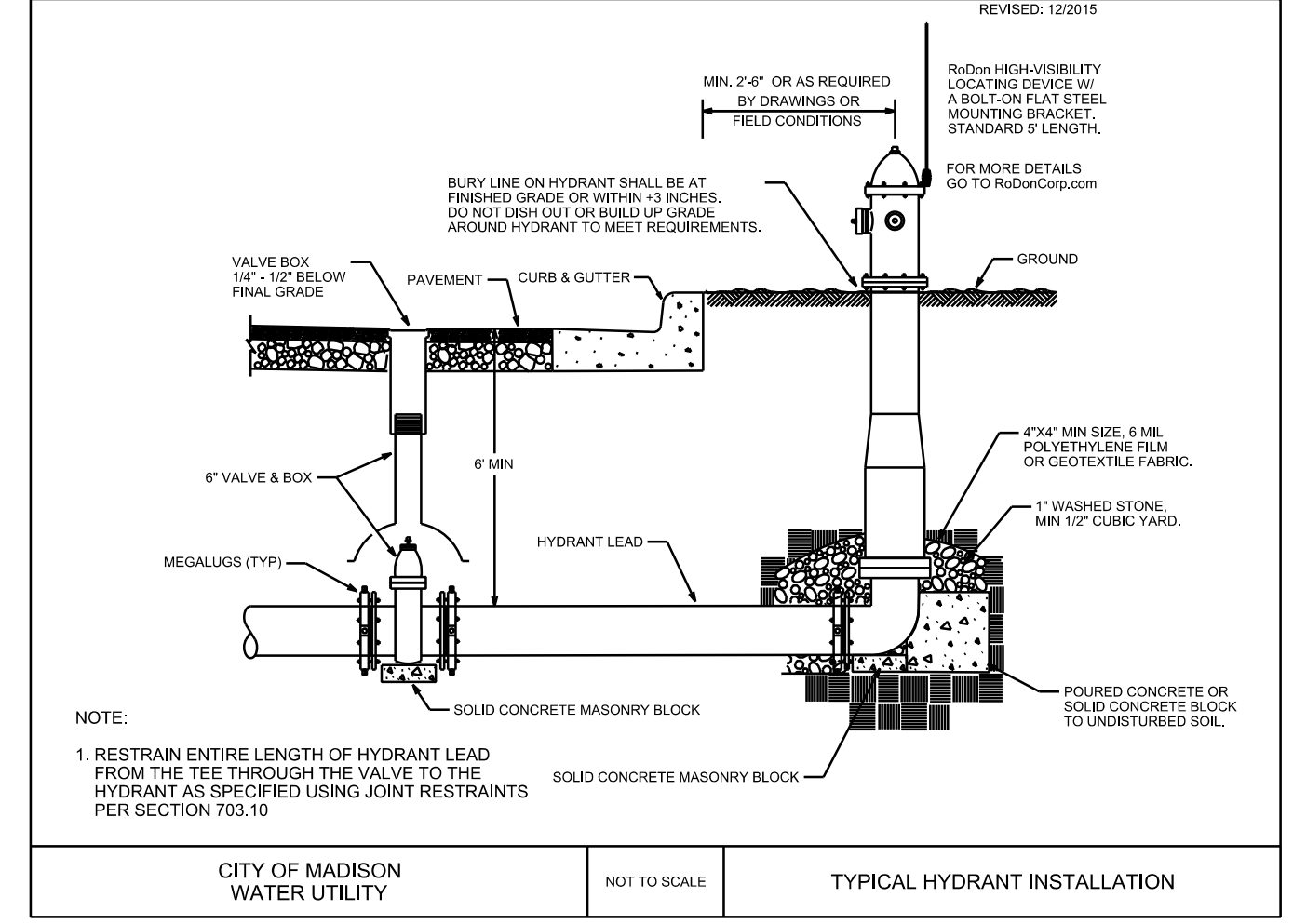
*\* ESTIMATE OF MATERIALS IS FOR INFORMATION ONLY. ENGINEER DOES NOT GUARANTEE ACCURACY OF MATERIAL TAKE-OFF.*

- 2 5-IN HYDRANT

**PART VII - WATER MAINS AND SERVICE LATERALS**

**DETAIL DRAWING NO. 7.04**

REVISED: 12/2015



CITY OF MADISON  
WATER UTILITY

NOT TO SCALE

TYPICAL HYDRANT INSTALLATION

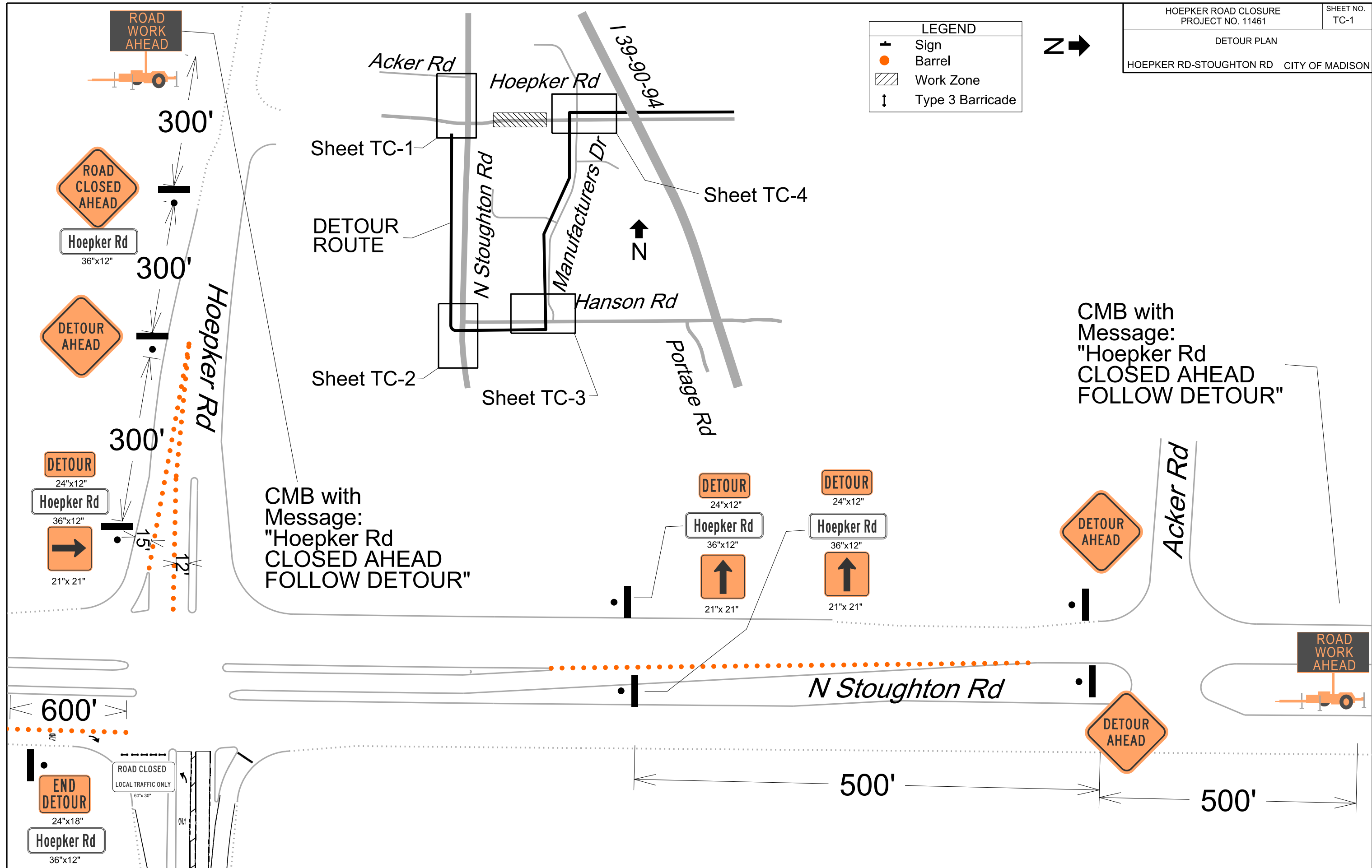
PLOT SCALE: \_\_\_\_\_

PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

LEGEND	
	Sign
	Barrel
	Work Zone
	Type 3 Barricade



CMB with Message:  
"Hoepker Rd  
CLOSED AHEAD  
FOLLOW DETOUR"

CMB with Message:  
"Hoepker Rd  
CLOSED AHEAD  
FOLLOW DETOUR"

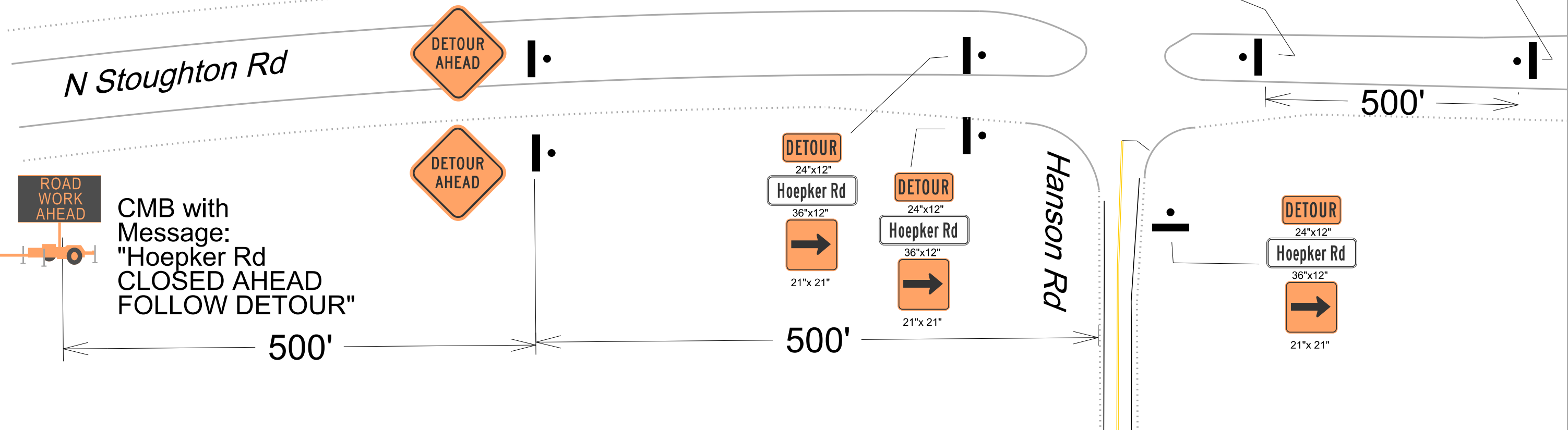
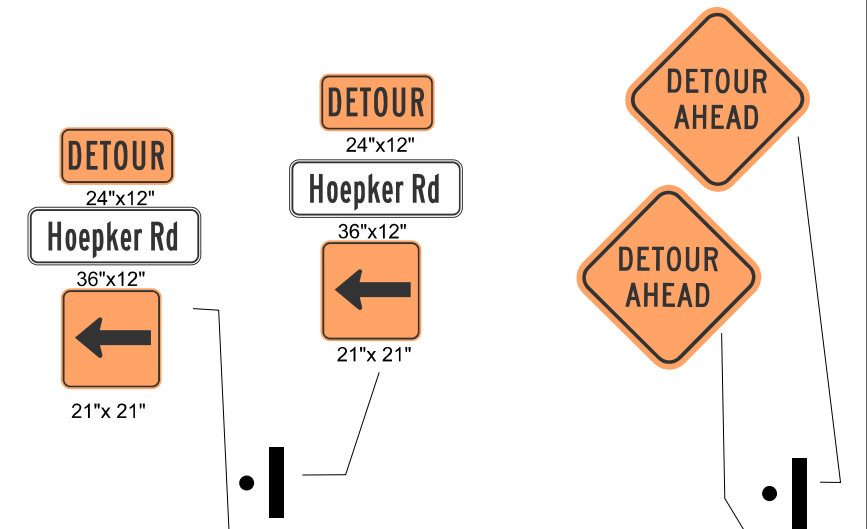
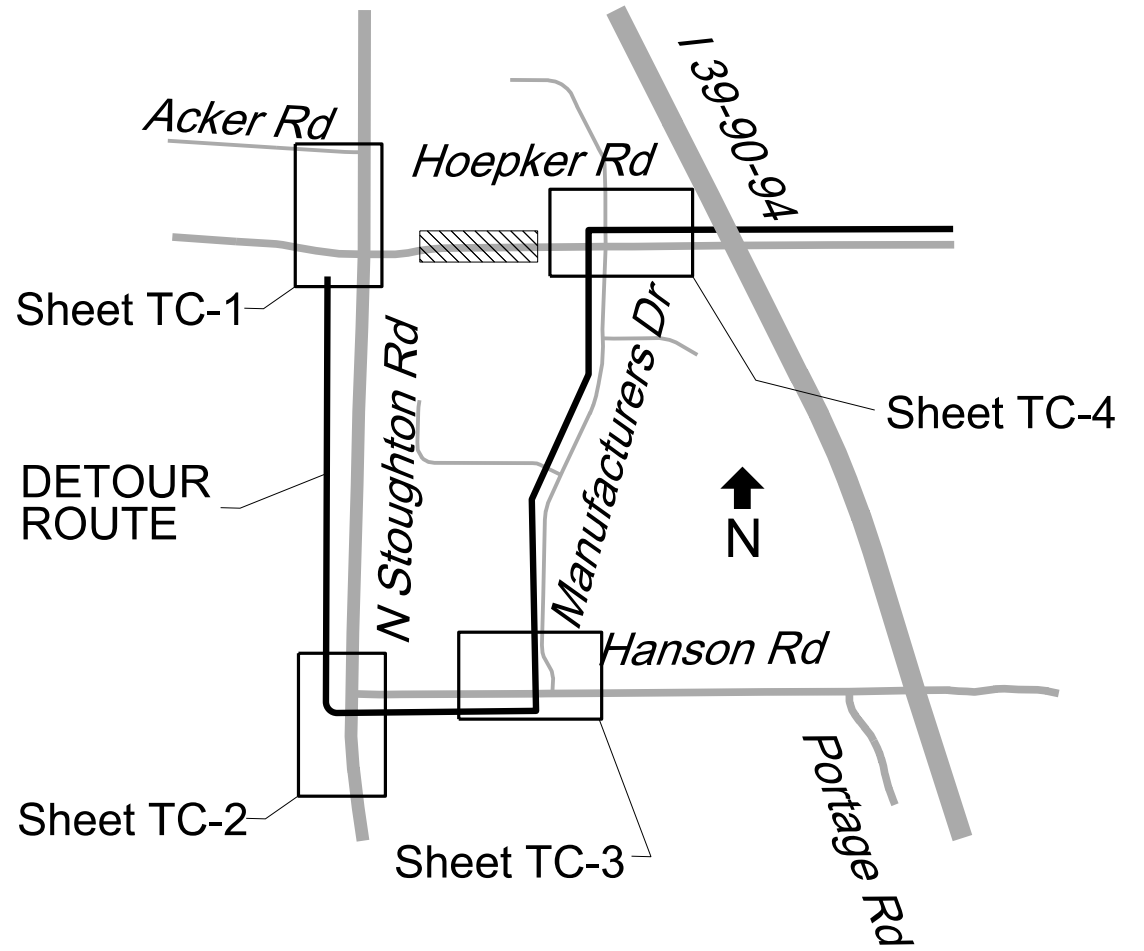
PLOT SCALE:

PLOT NAME:

REV. DATE:

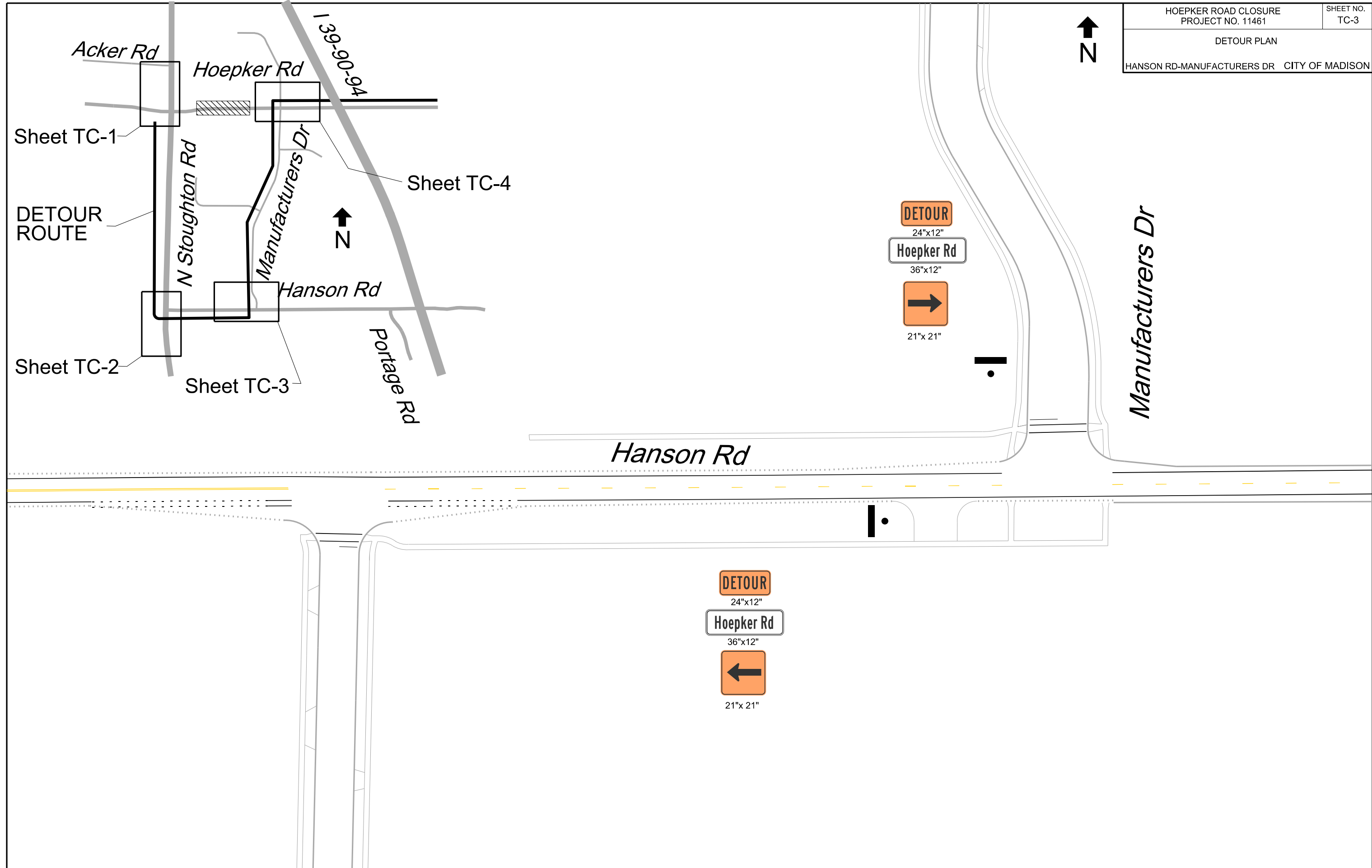
ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.





CMB with Message:  
"Hoepker Rd  
CLOSED AHEAD  
FOLLOW DETOUR"

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.



Hoepker Rd  
36"x12"

300'



300'

DETOUR  
24"x12"

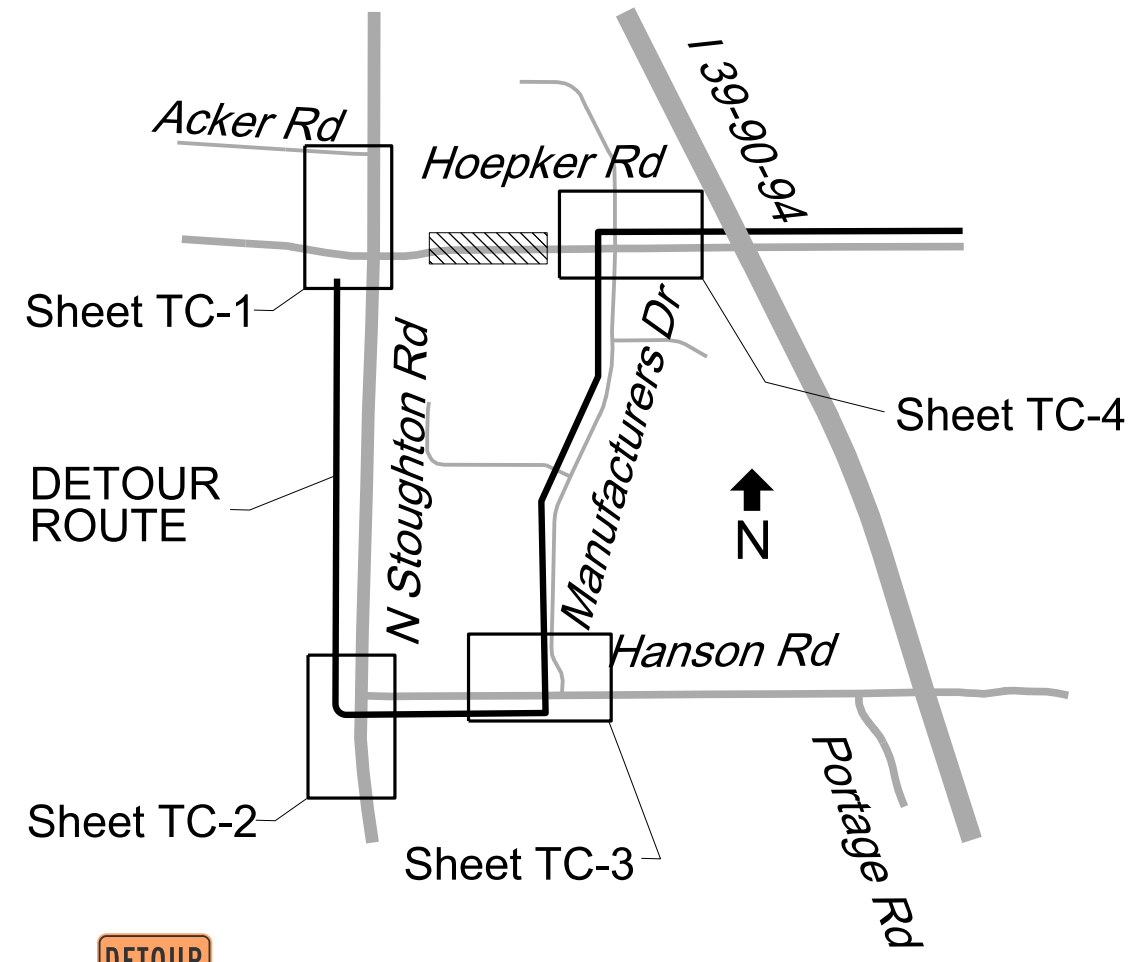
Hoepker Rd  
36"x12"



21"x 21"

ROAD CLOSED  
LOCAL TRAFFIC ONLY  
60"x 30"

Manufacturers Dr



DETOUR  
24"x12"

Hoepker Rd  
36"x12"



21"x 21"



300'

300'



Hoepker Rd  
36"x12"

300'

ROAD WORK AHEAD



CMB with Message:  
"Hoepker Rd  
CLOSED AHEAD  
FOLLOW DETOUR"

Hoepker Rd

END  
DETOUR  
24"x18"

Hoepker Rd  
36"x12"

PLOT SCALE:  
PLOT NAME:  
REV. DATE:  
ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

TRAFFIC CONTROL PLAN

HOEPKER RD-MANUFACTURERS DR CITY OF MADISON



200'



ROAD CLOSED  
48'x 30'

ROAD CLOSED  
48'x 30'

ROAD CLOSED  
LOCAL TRAFFIC ONLY  
60'x 30'

*Manufacturers Dr*

ROAD CLOSED  
LOCAL TRAFFIC ONLY  
60'x 30'

ROAD CLOSED  
48'x 30'

ROAD CLOSED  
48'x 30'

200'



*Transport Court*

Work Zone



200'



*Hoepker Rd*

PLOT SCALE:

PLOT NAME:

REV. DATE:

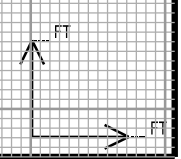
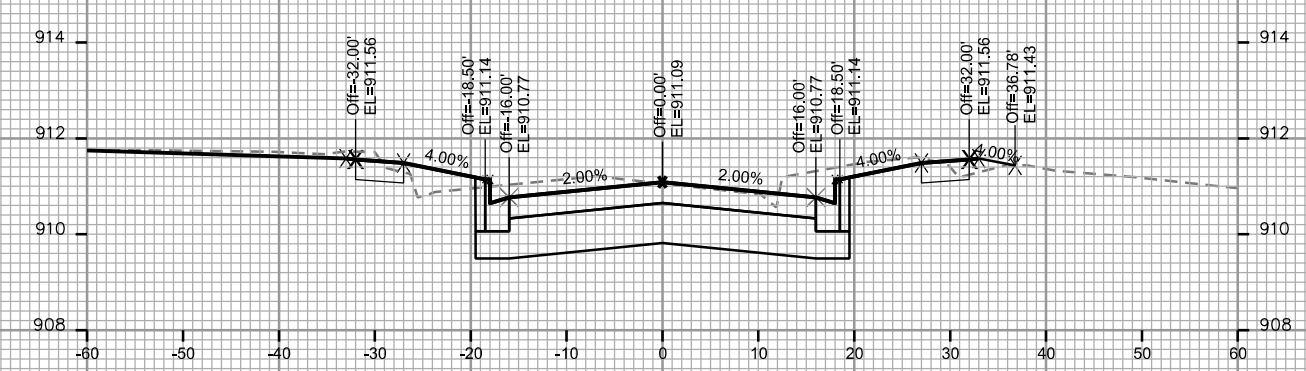
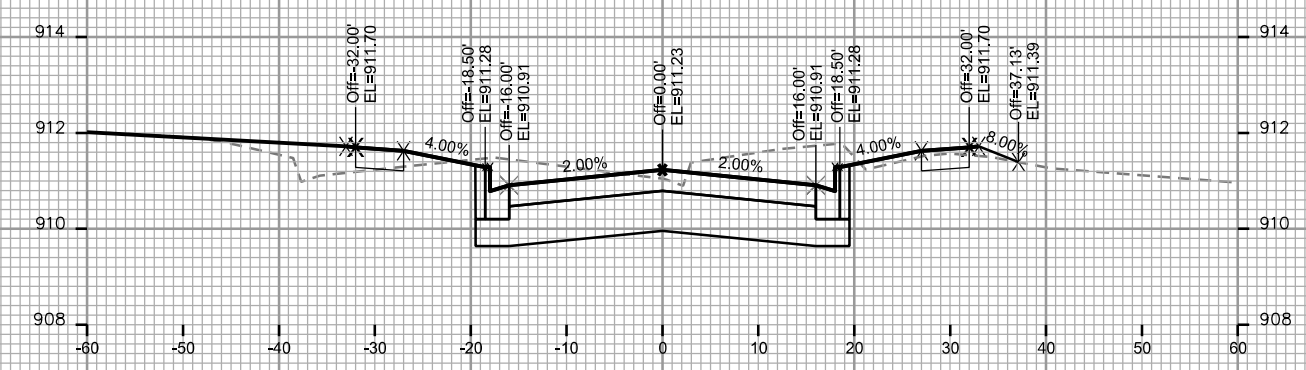
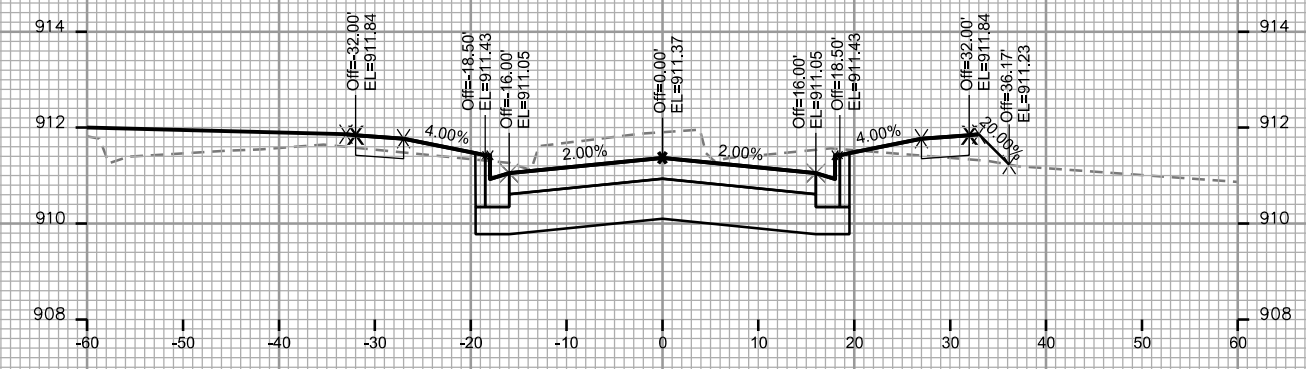
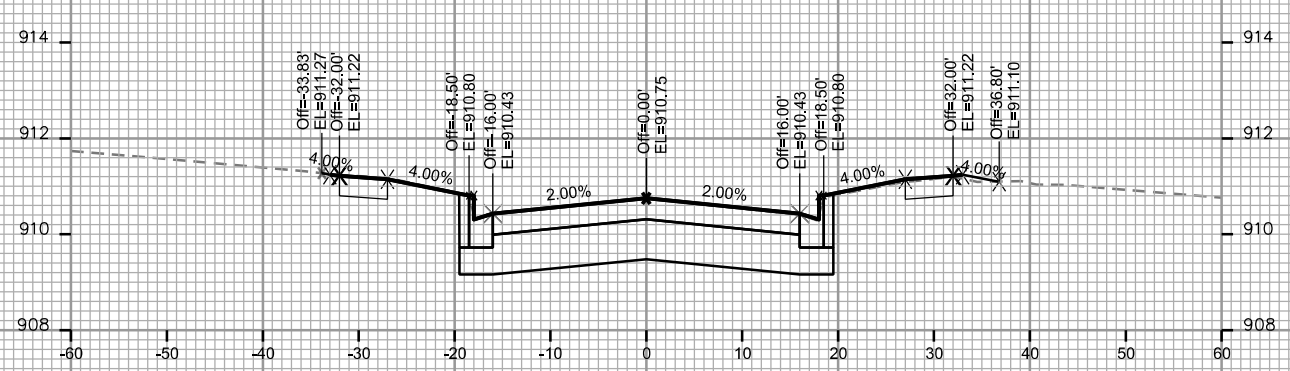
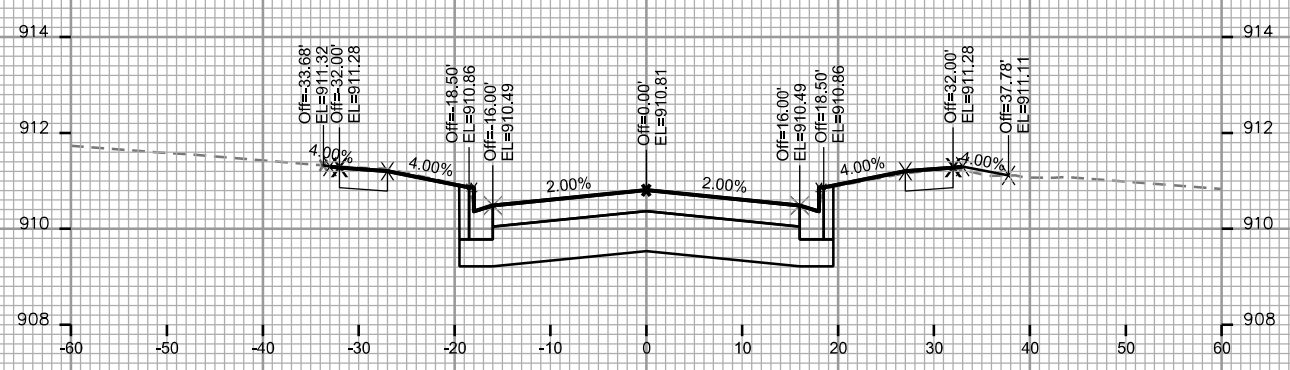
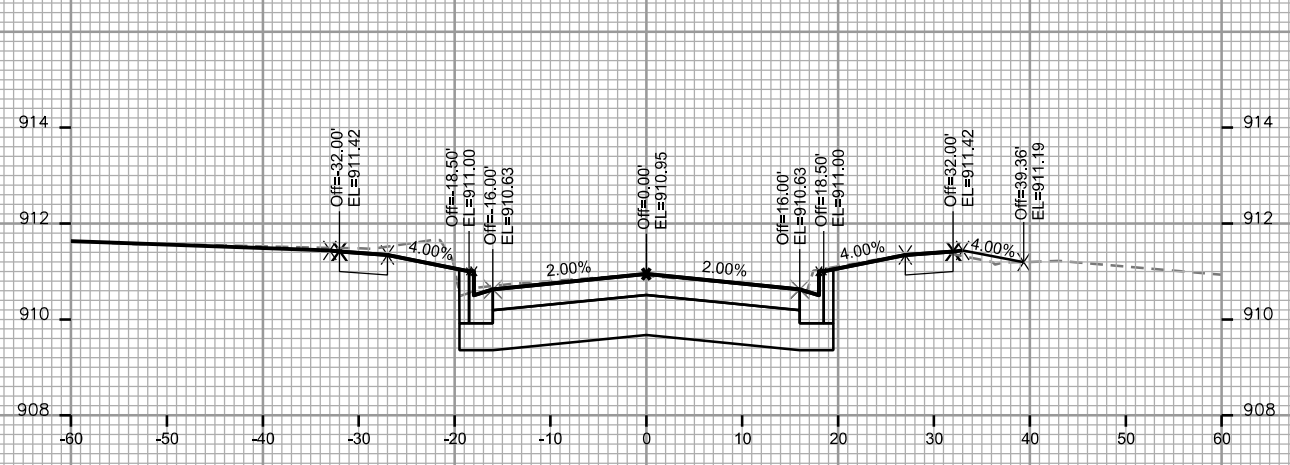
ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

PLOT SCALE: \_\_\_\_\_

PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON - STREETS DIVISION



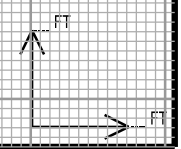
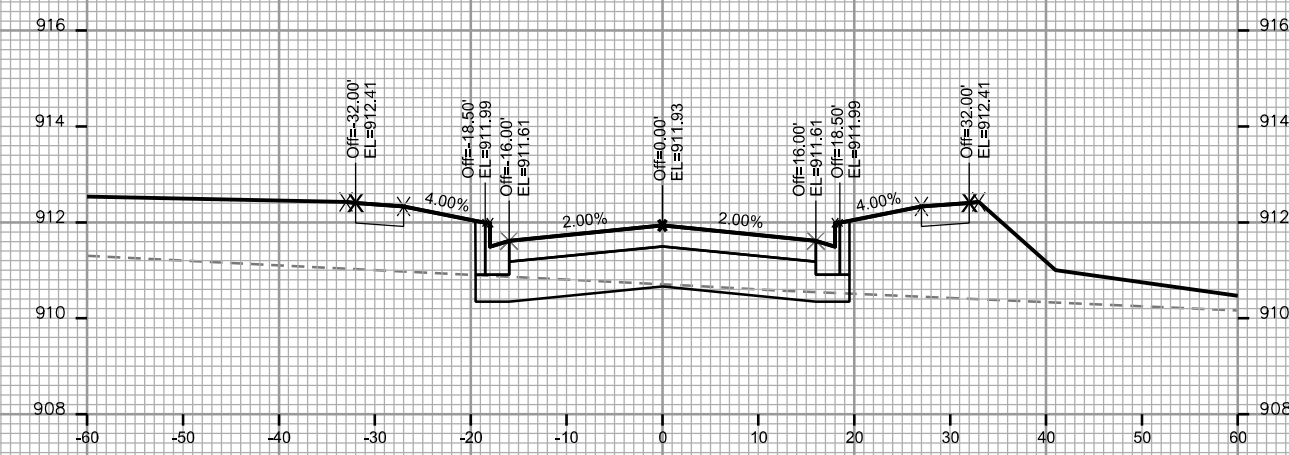
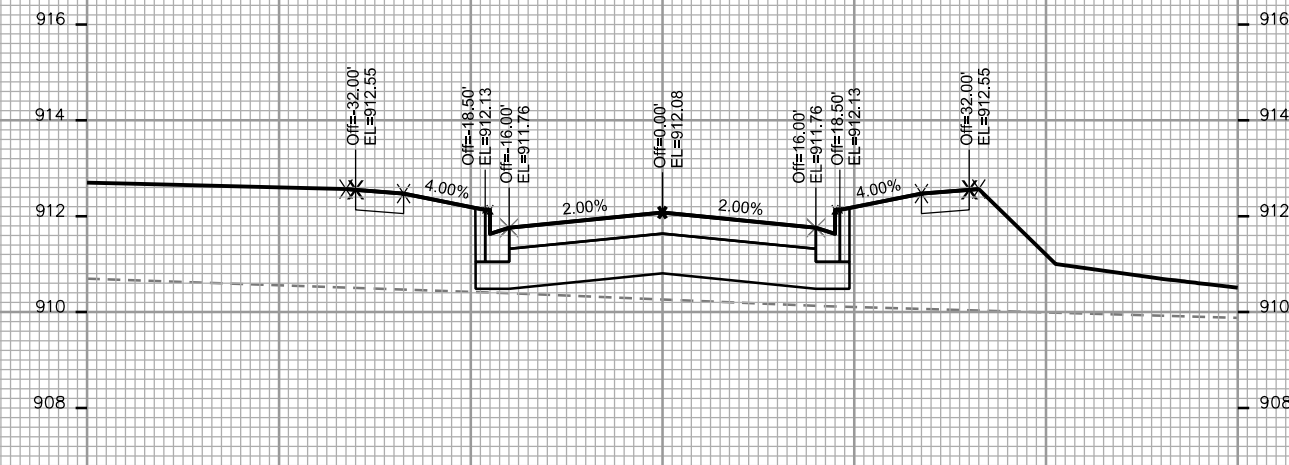
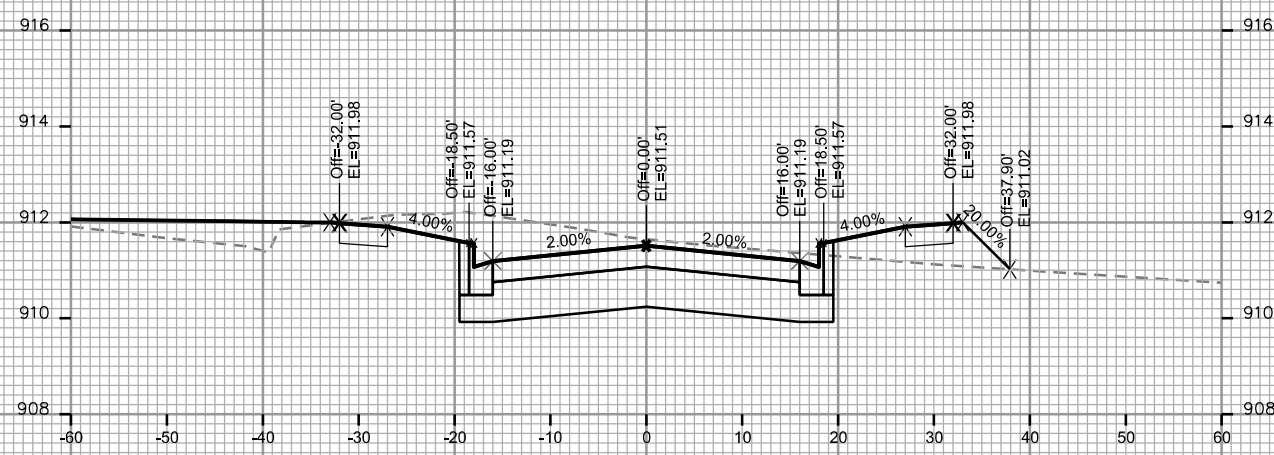
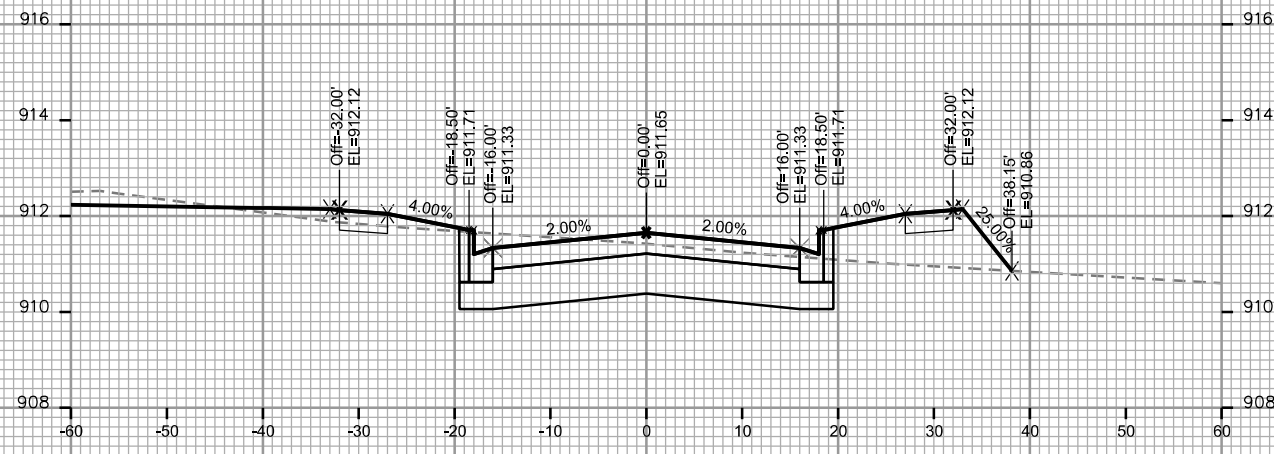
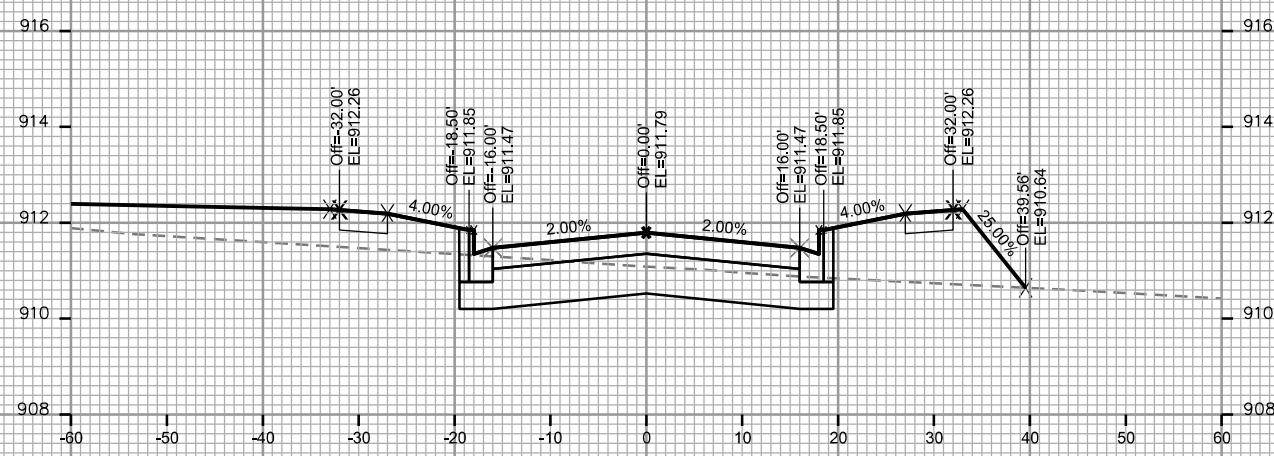
CROSS SECTIONS  
RONALD REAGAN AVE CITY OF MADISON

PLOT SCALE: \_\_\_\_\_

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REV. DATE: \_\_\_\_\_

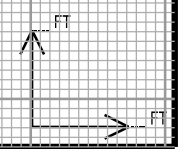
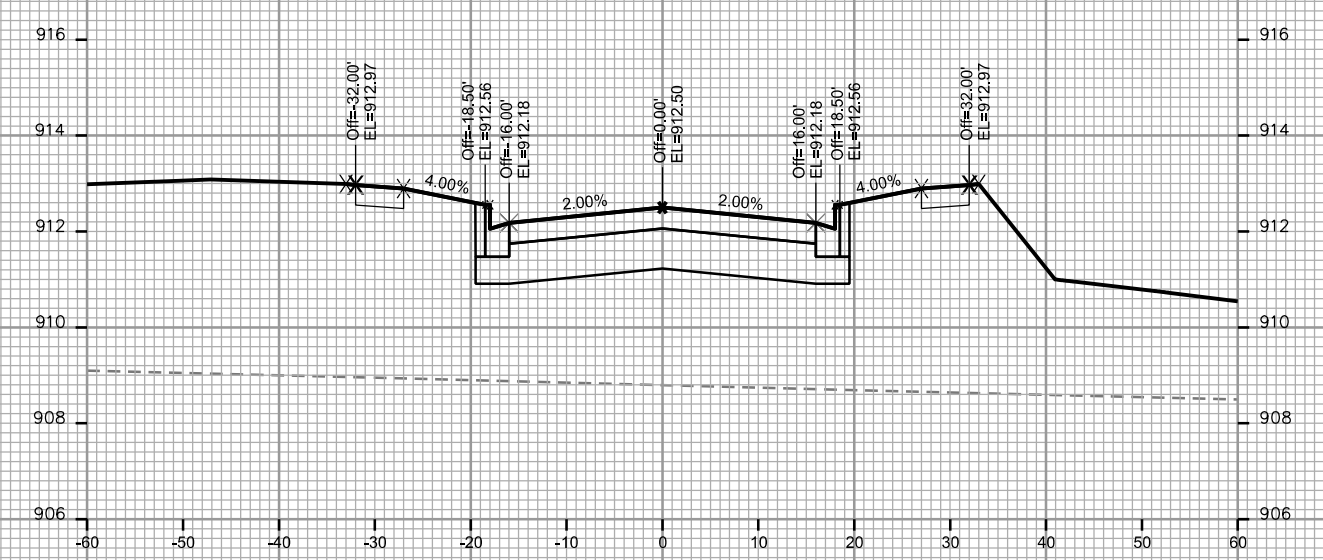
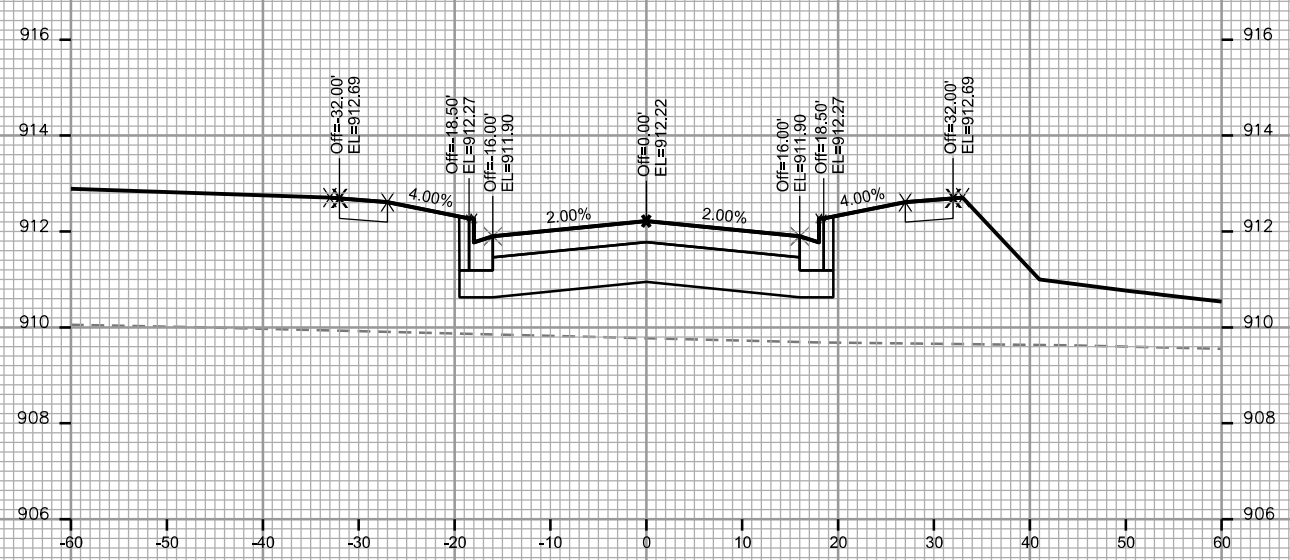
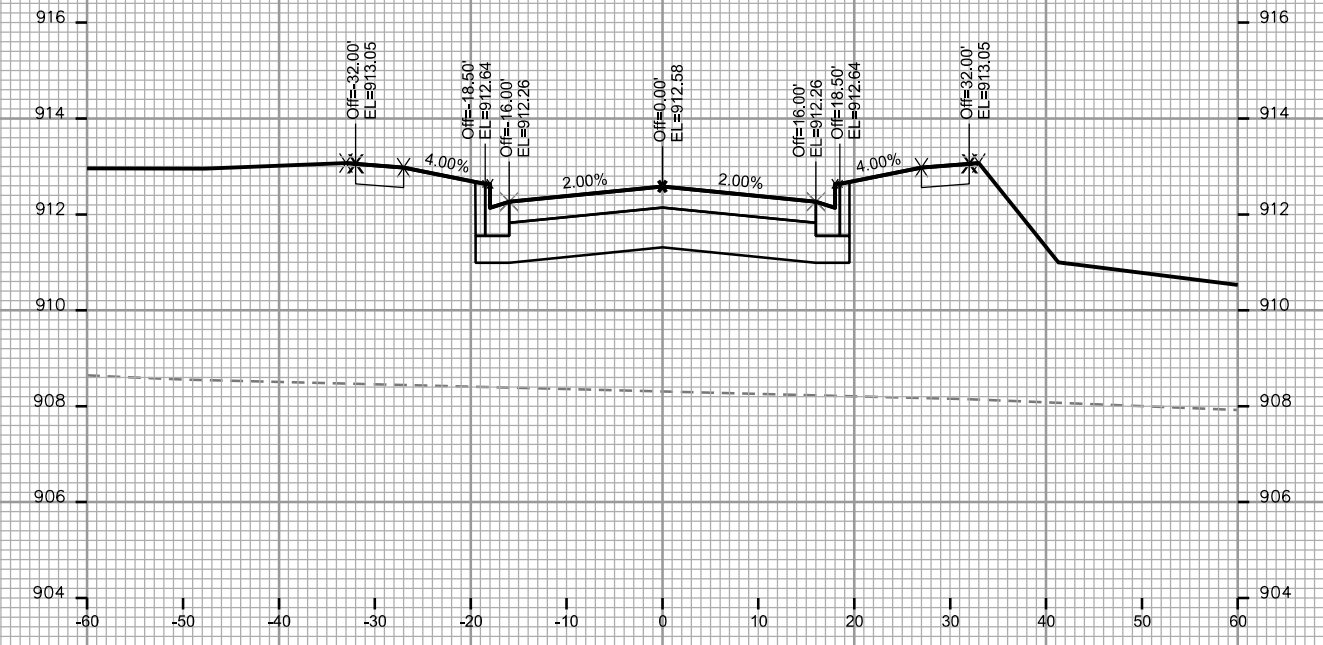
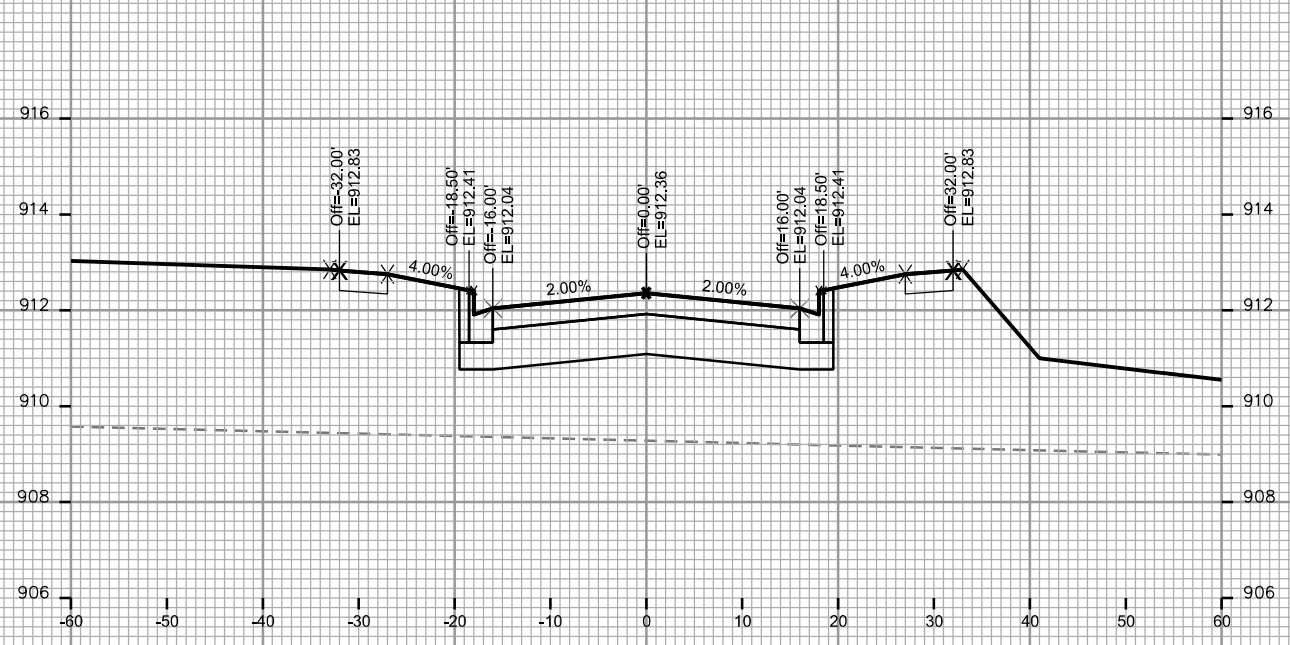
ORIGINATOR: CITY OF MADISON - STREETS DIVISION



PLOT SCALE: \_\_\_\_\_  
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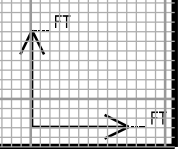
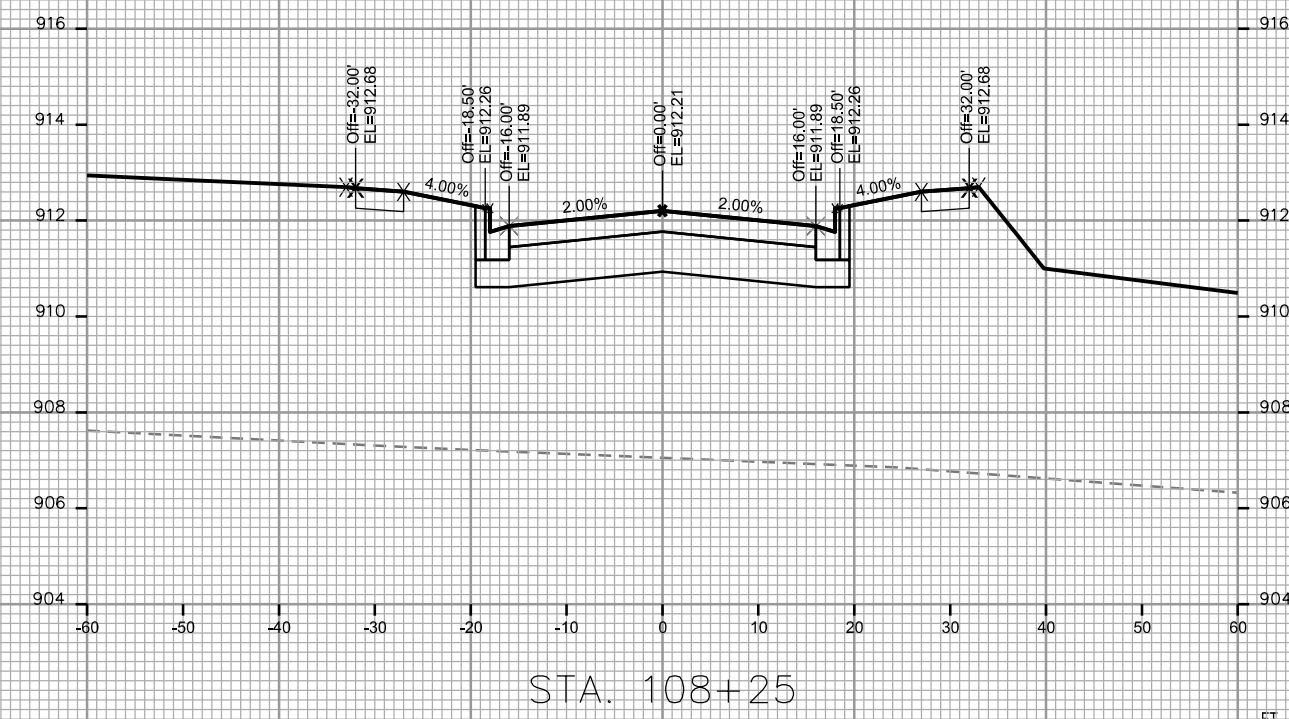
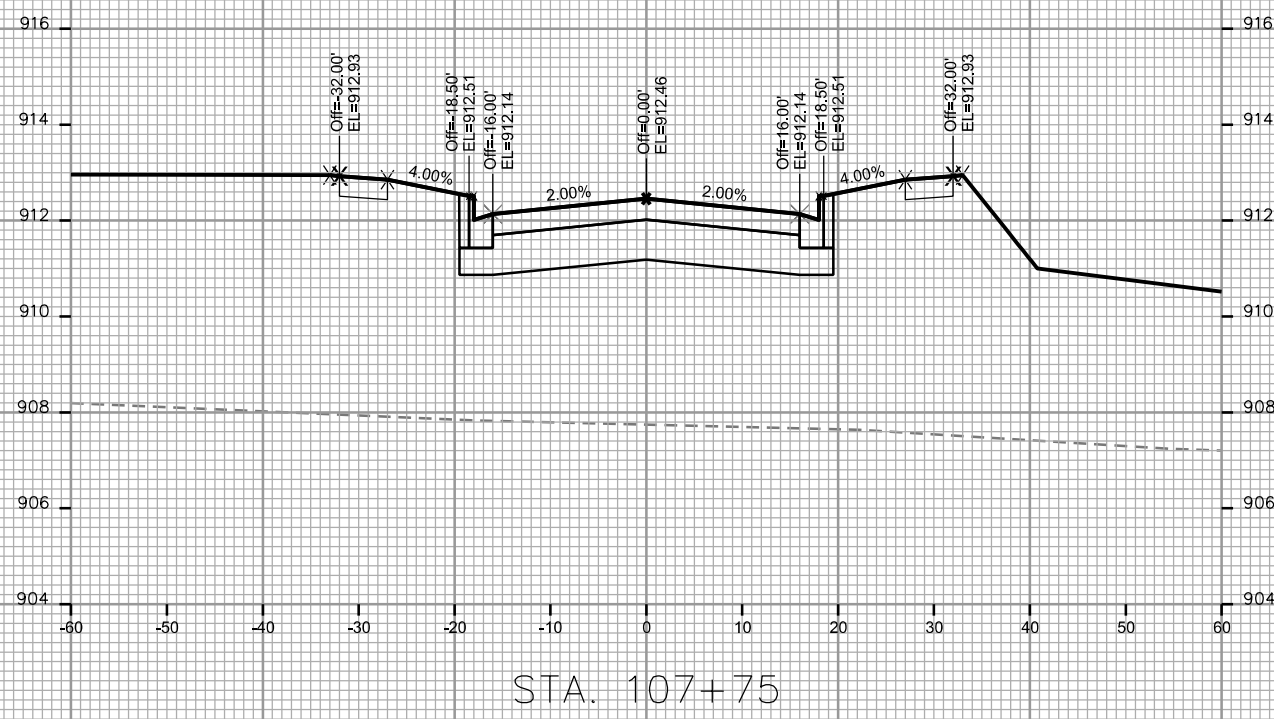
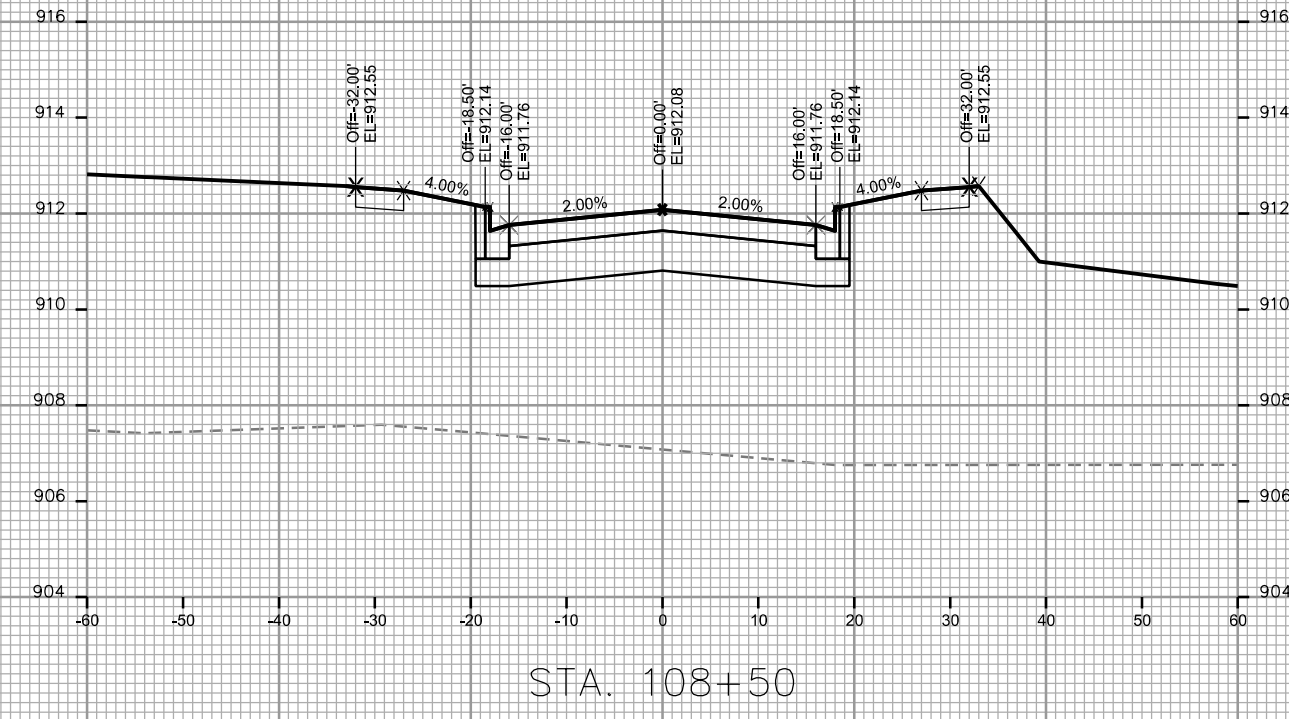
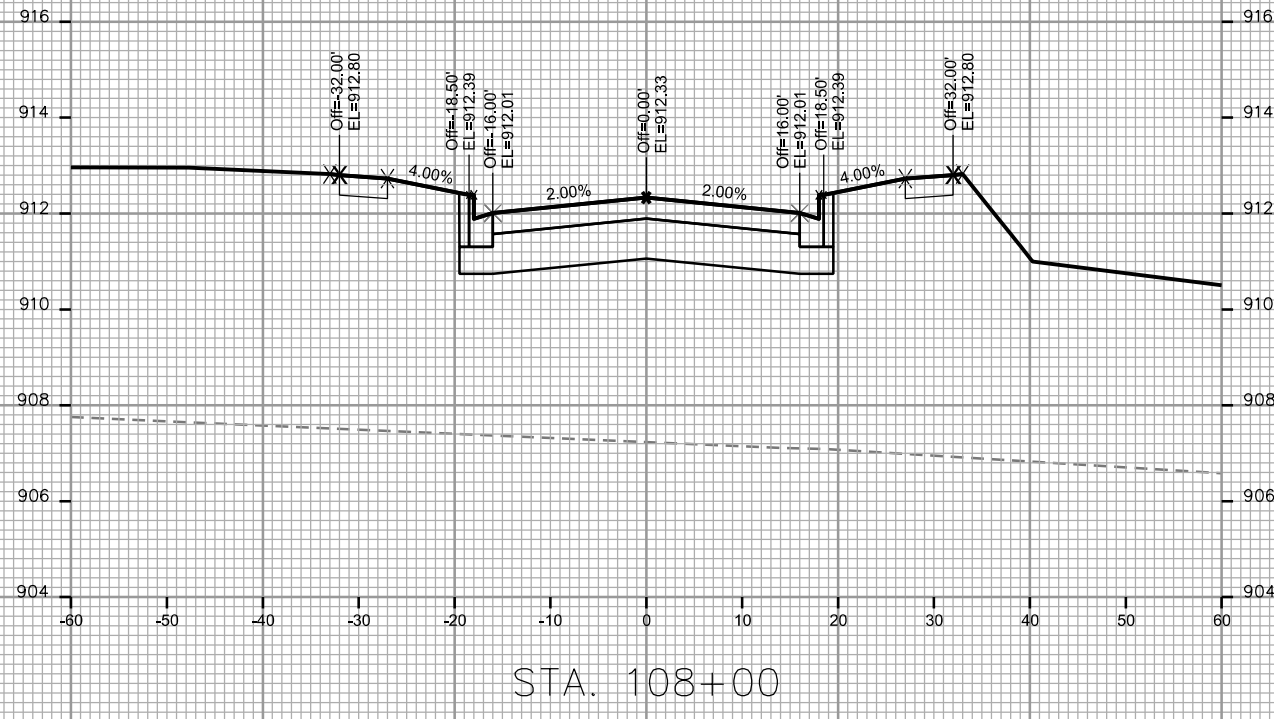
ORIGINATOR: CITY OF MADISON - STREETS DIVISION



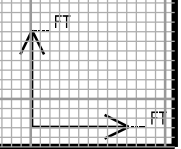
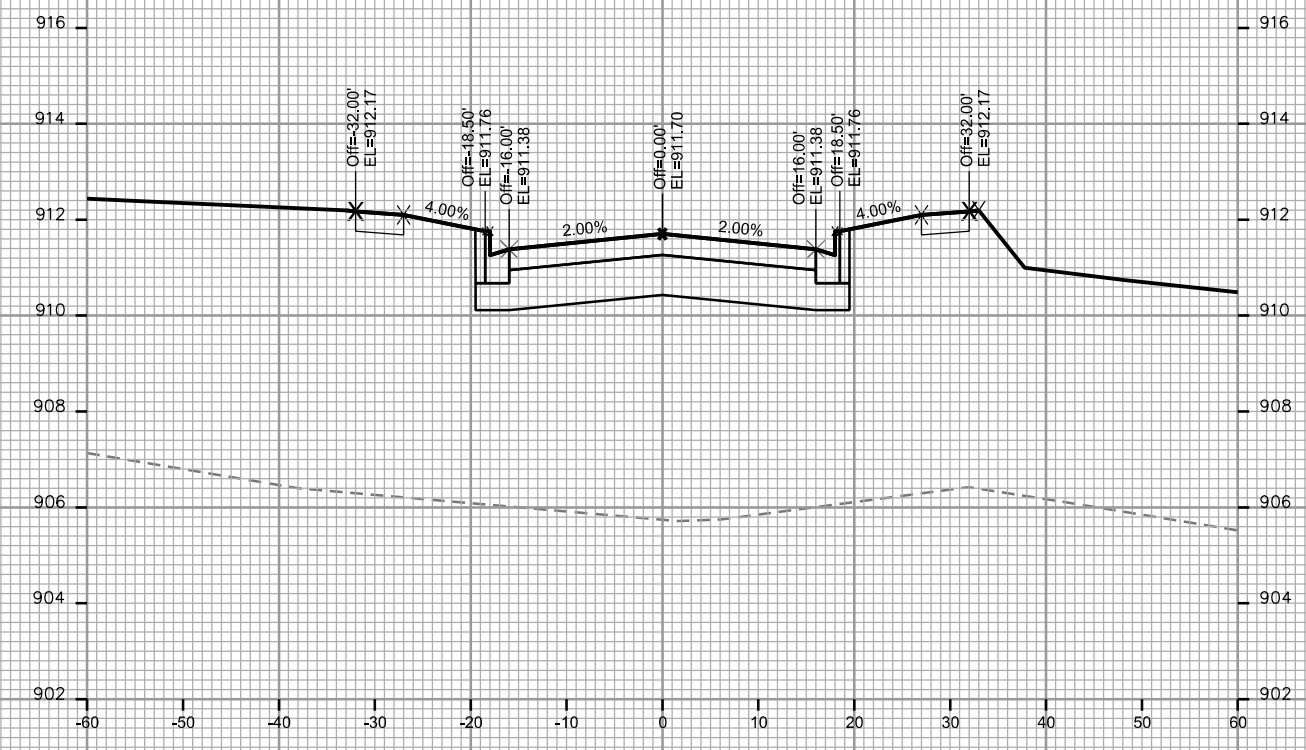
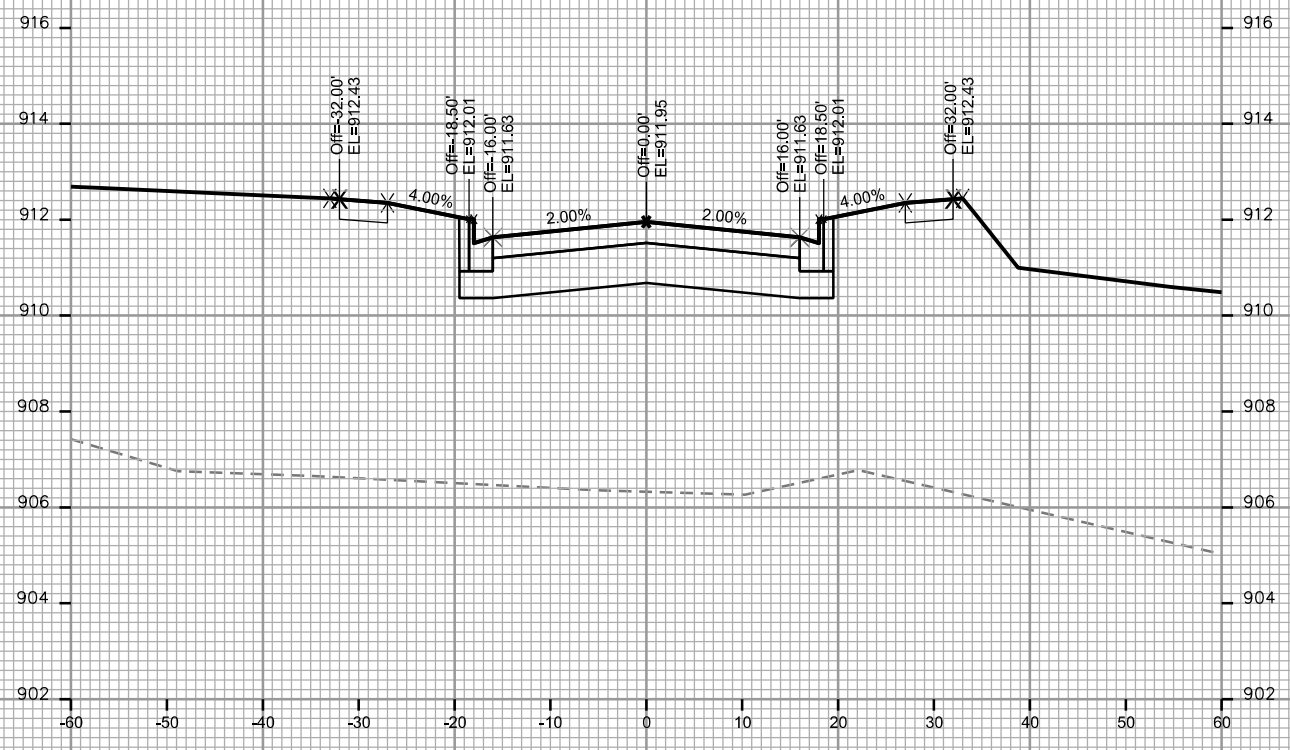
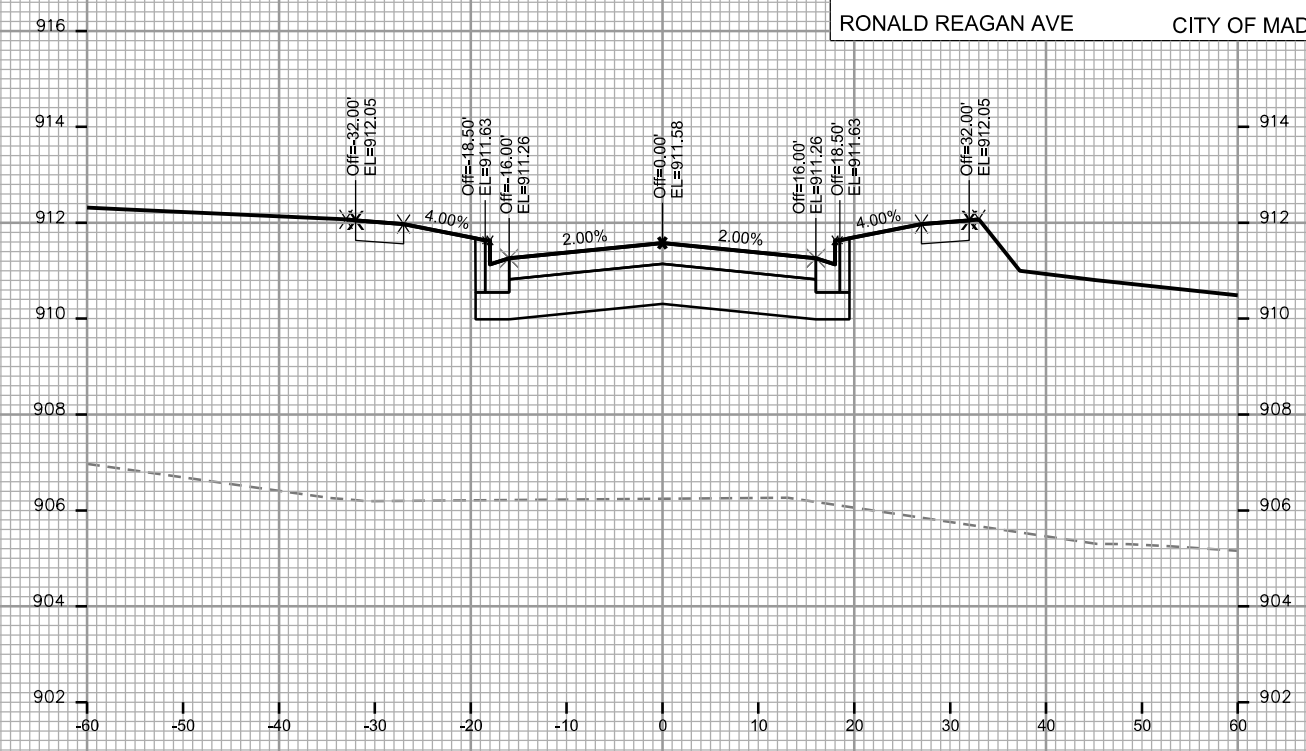
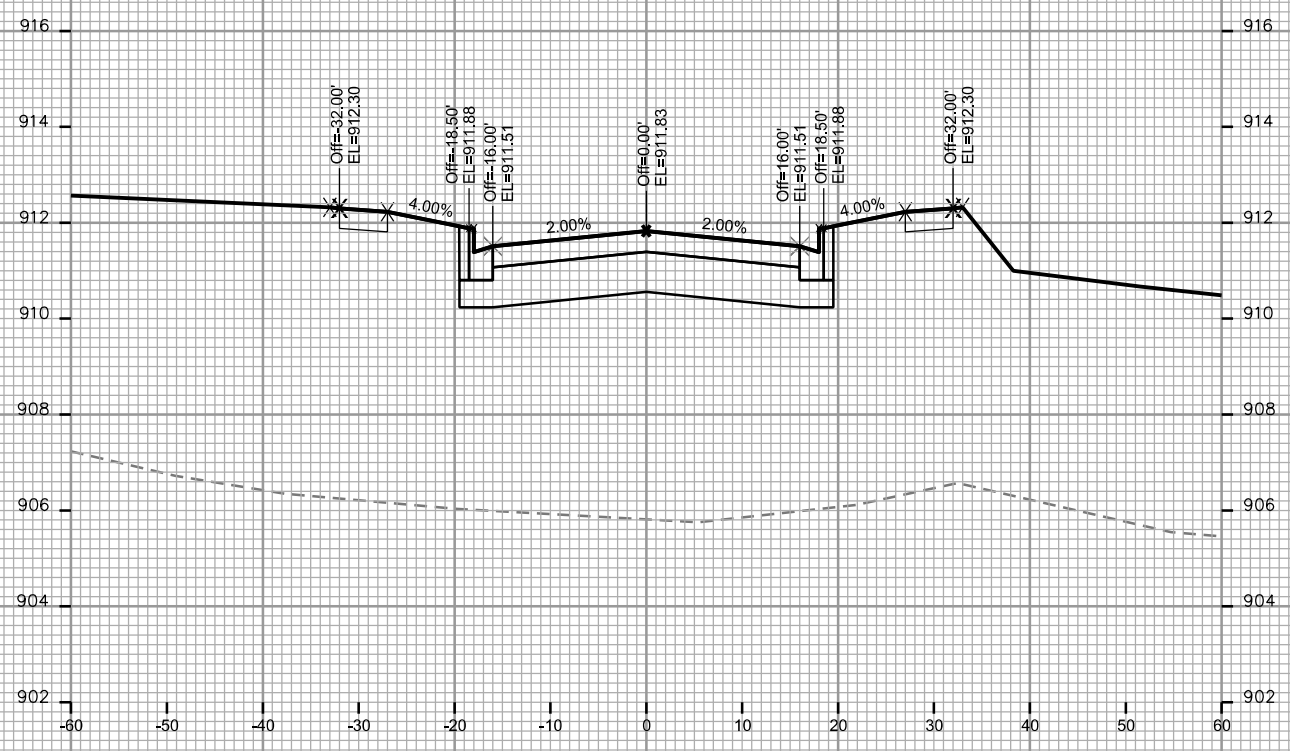
PLOT SCALE: \_\_\_\_\_  
 PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON - STREETS DIVISION







PLOT SCALE: \_\_\_\_\_  
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REV. DATE: \_\_\_\_\_

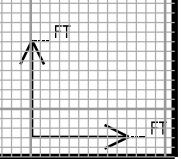
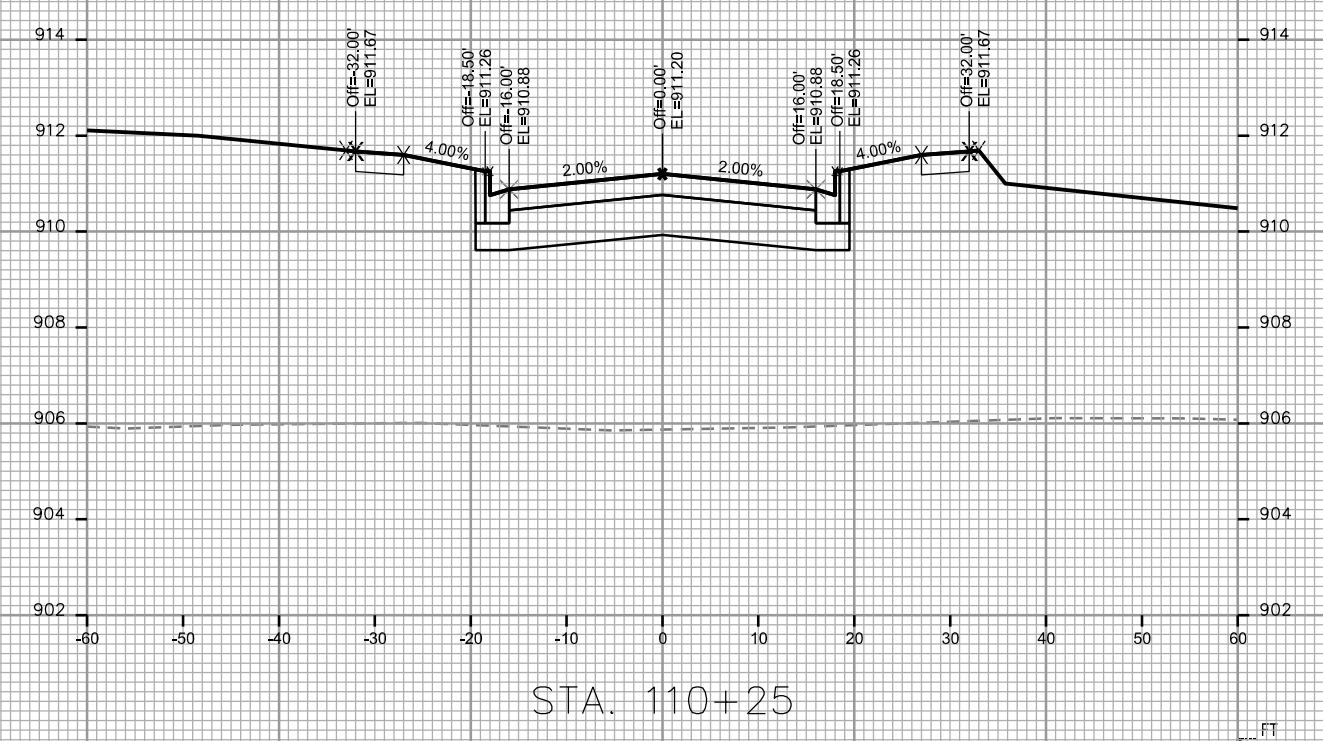
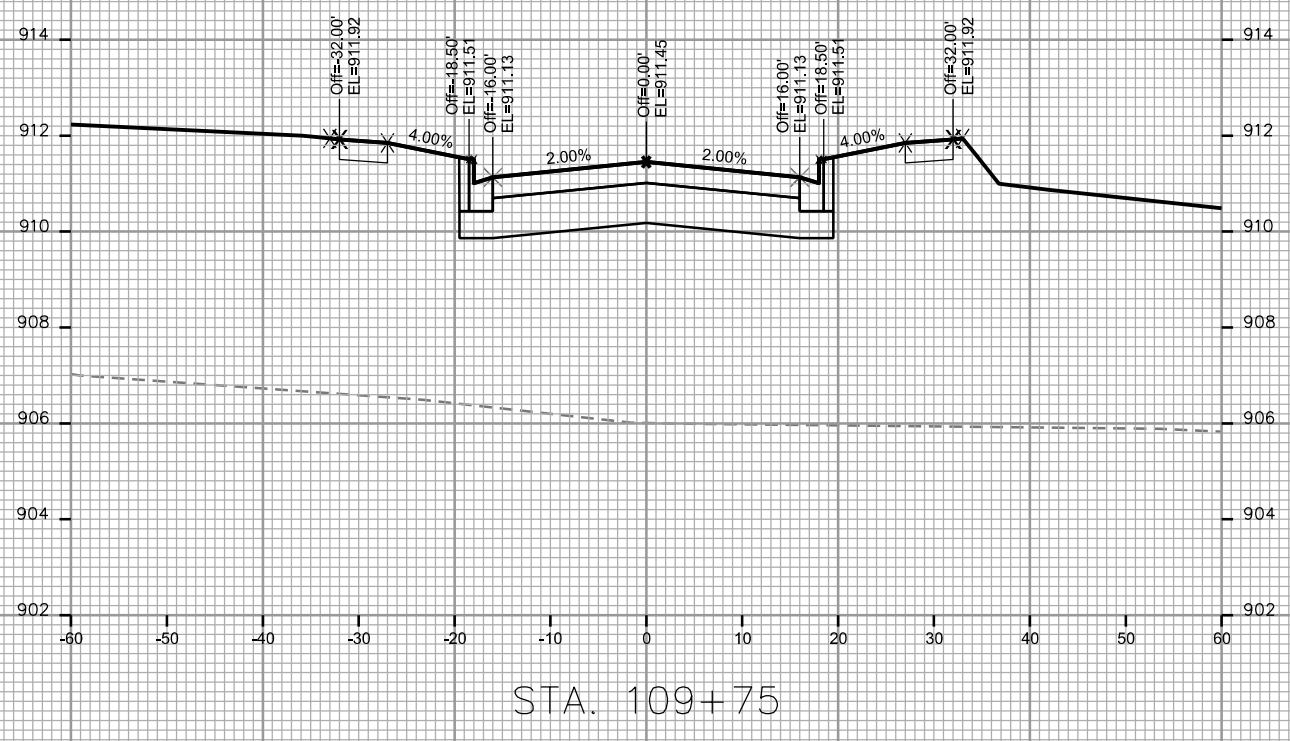
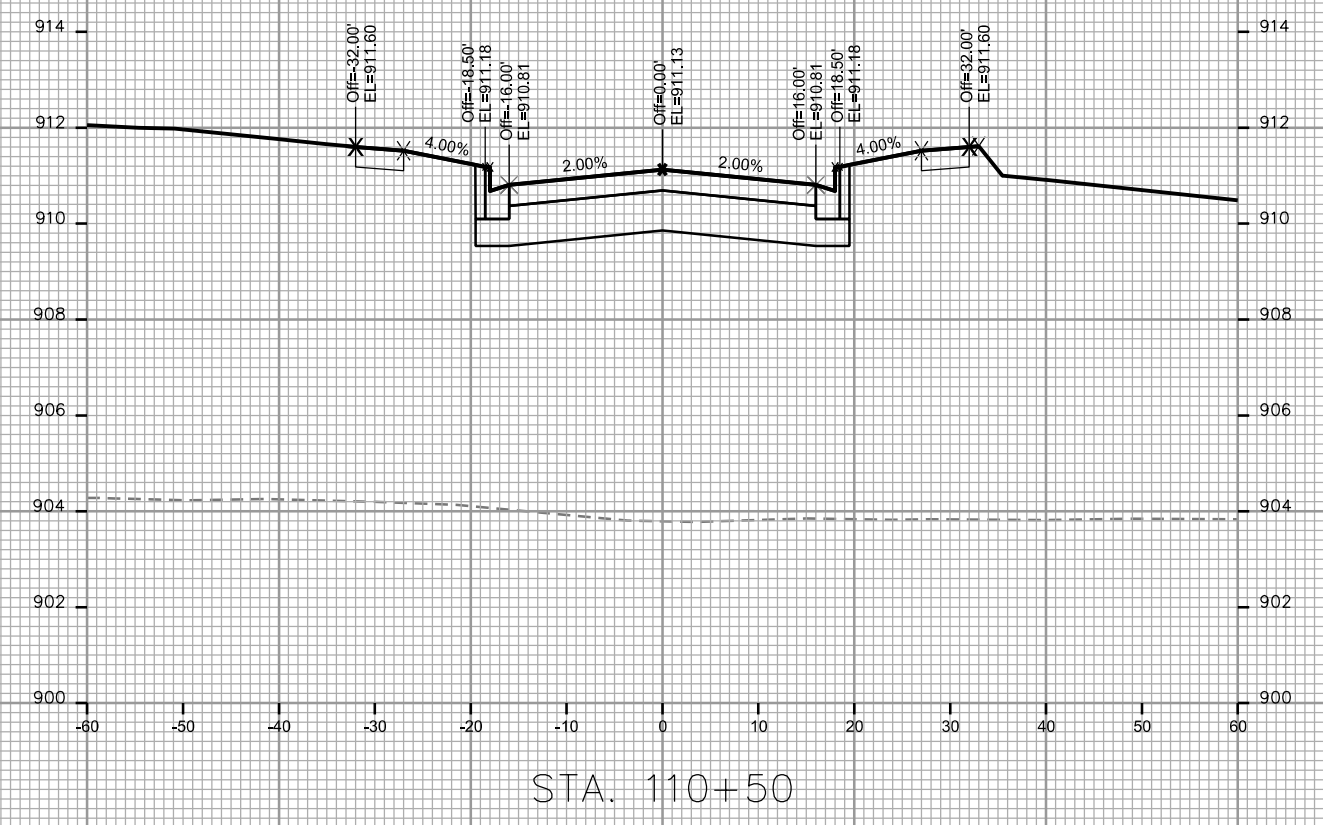
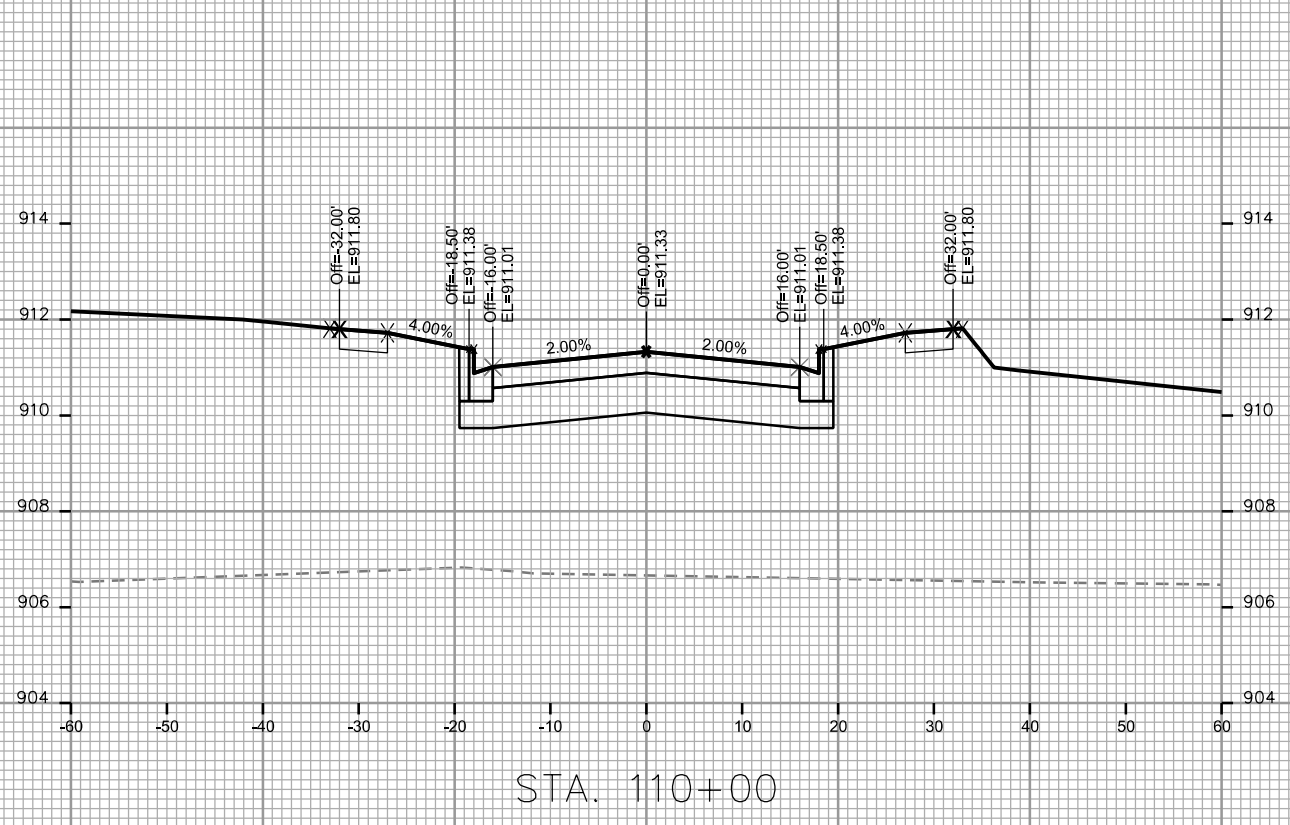
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLOT SCALE: \_\_\_\_\_

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REV. DATE: \_\_\_\_\_

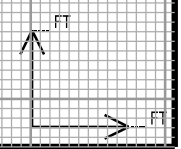
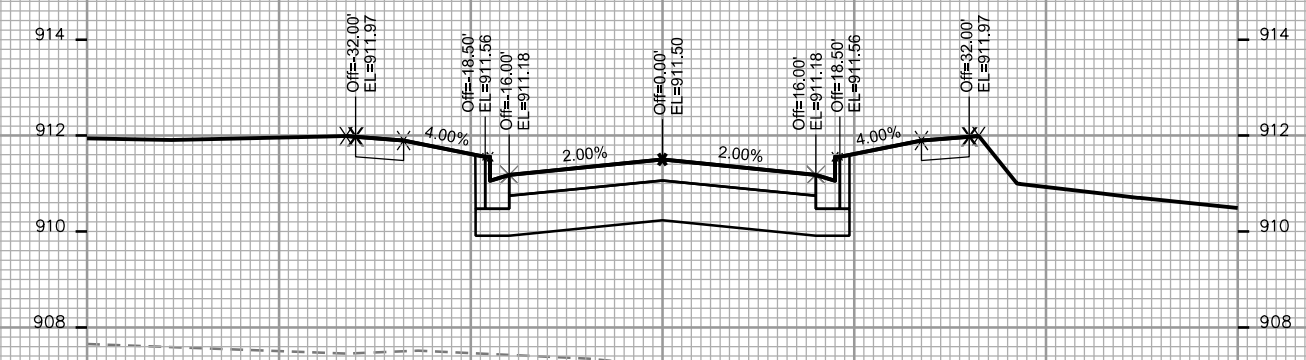
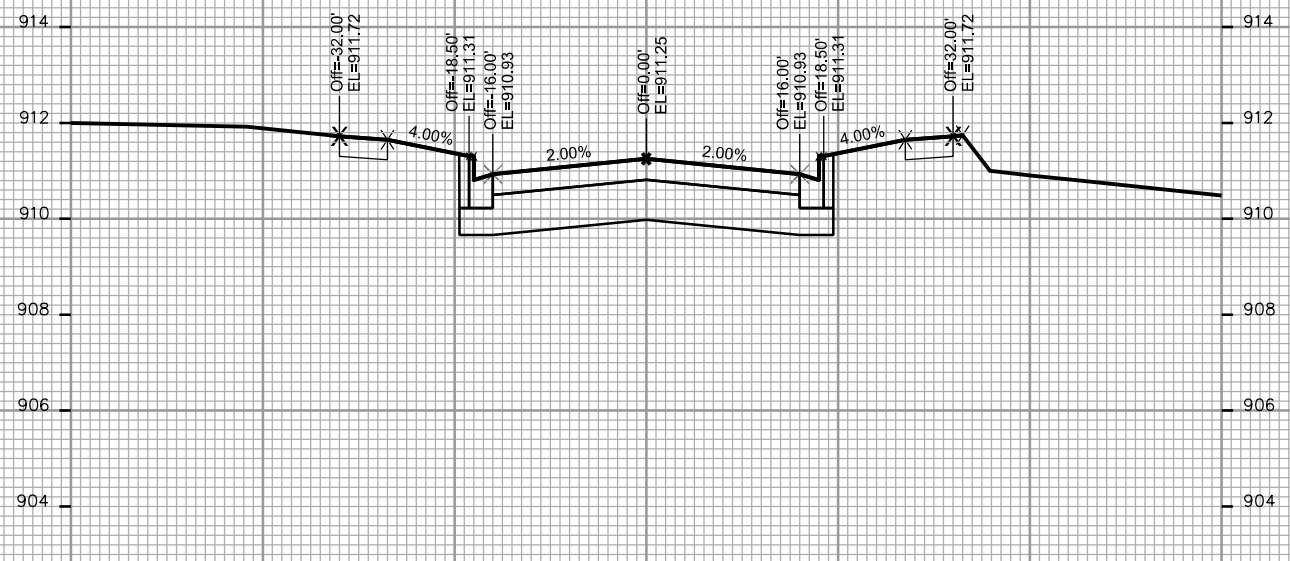
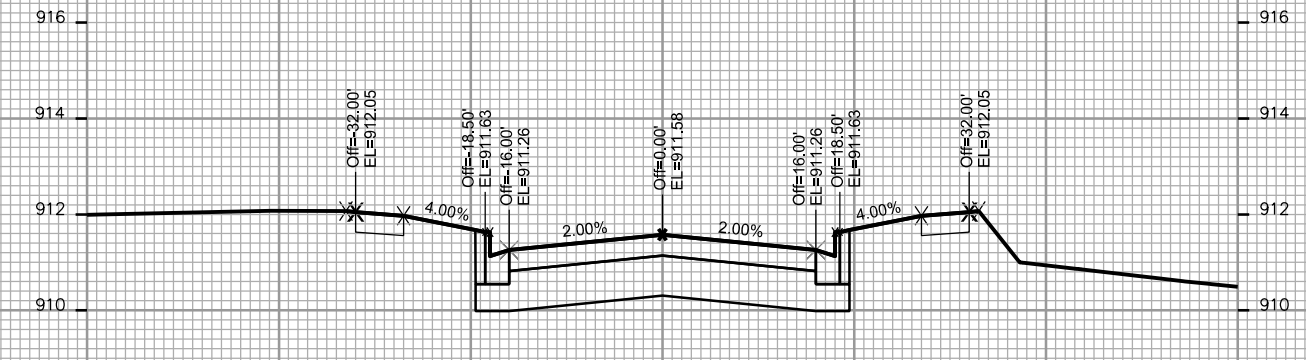
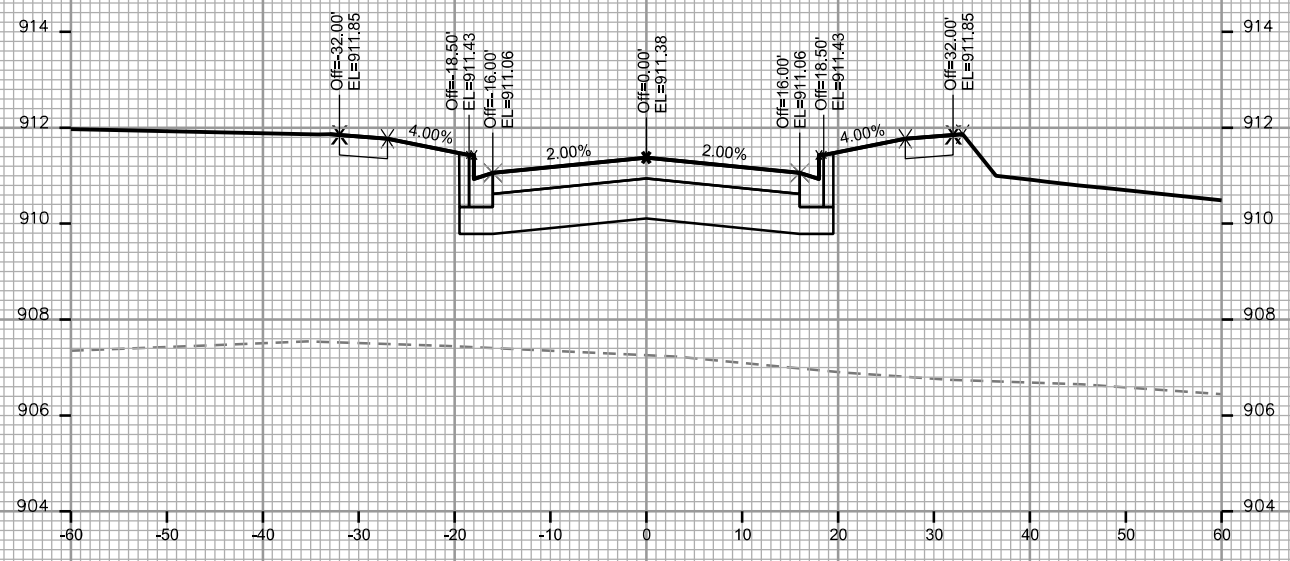
ORIGINATOR: CITY OF MADISON - STREETS DIVISION



PLOT SCALE: \_\_\_\_\_  
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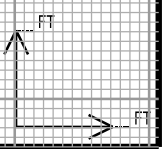
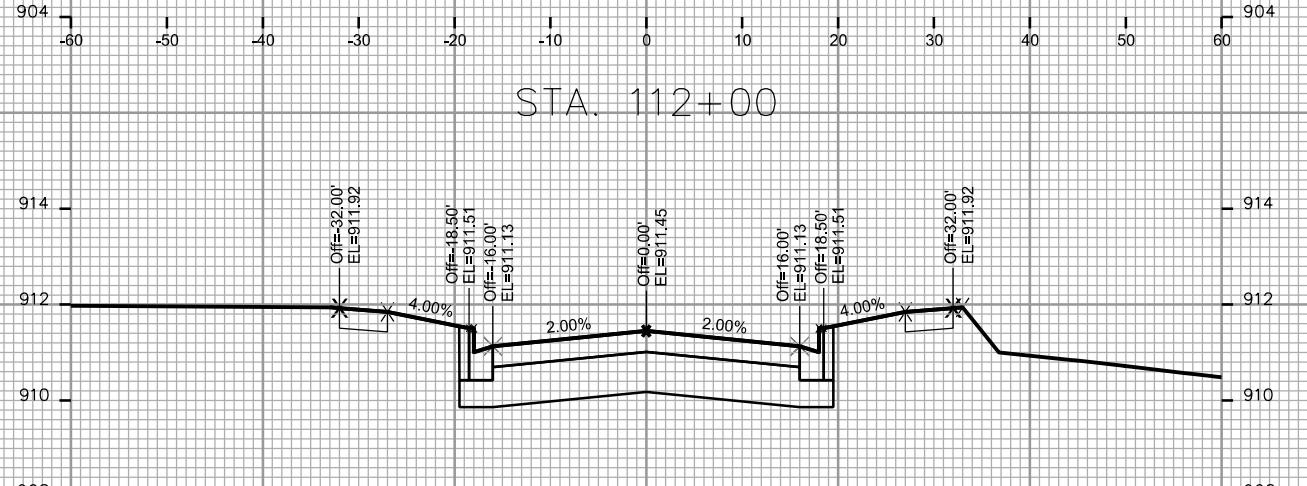
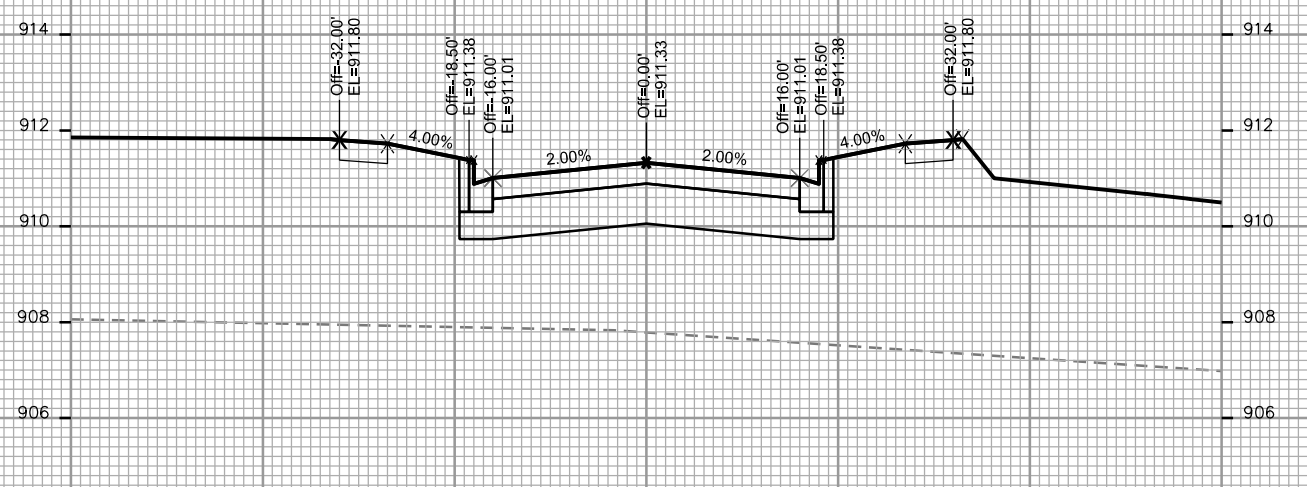
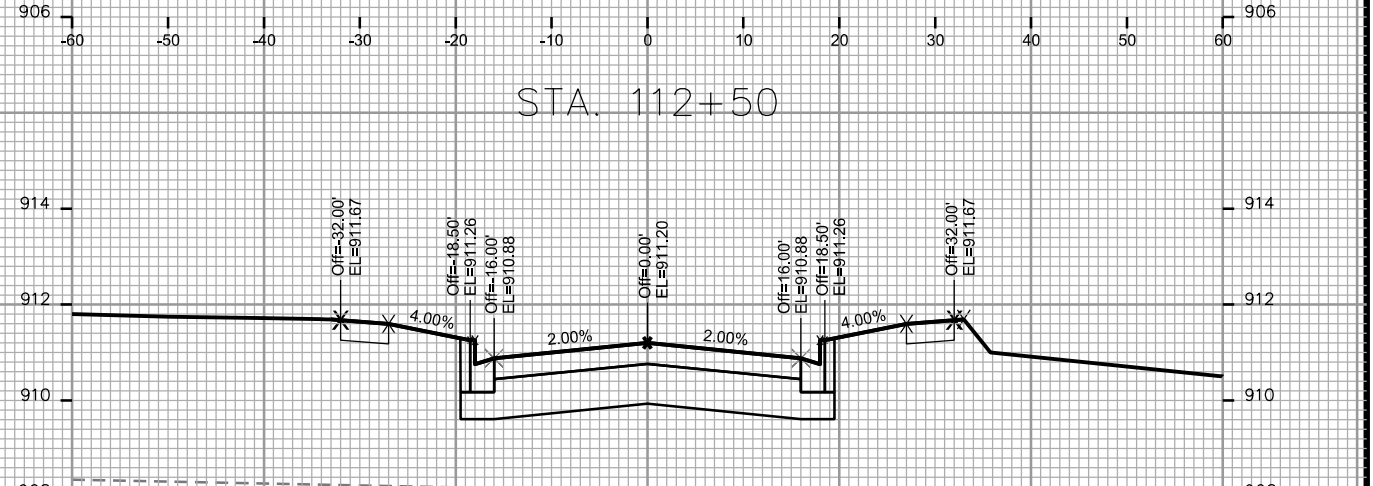
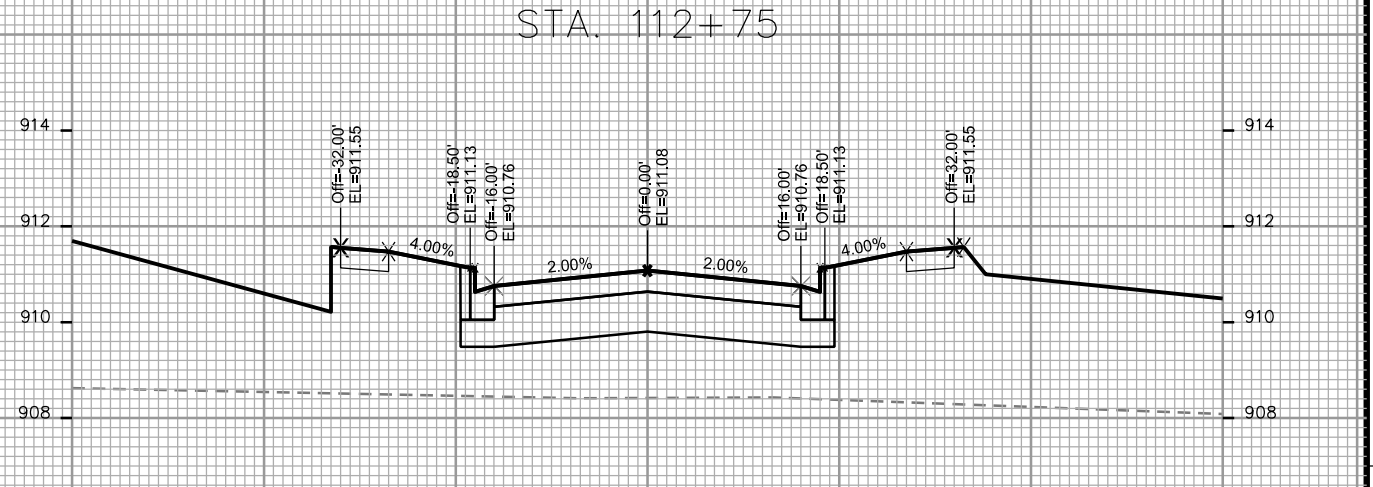
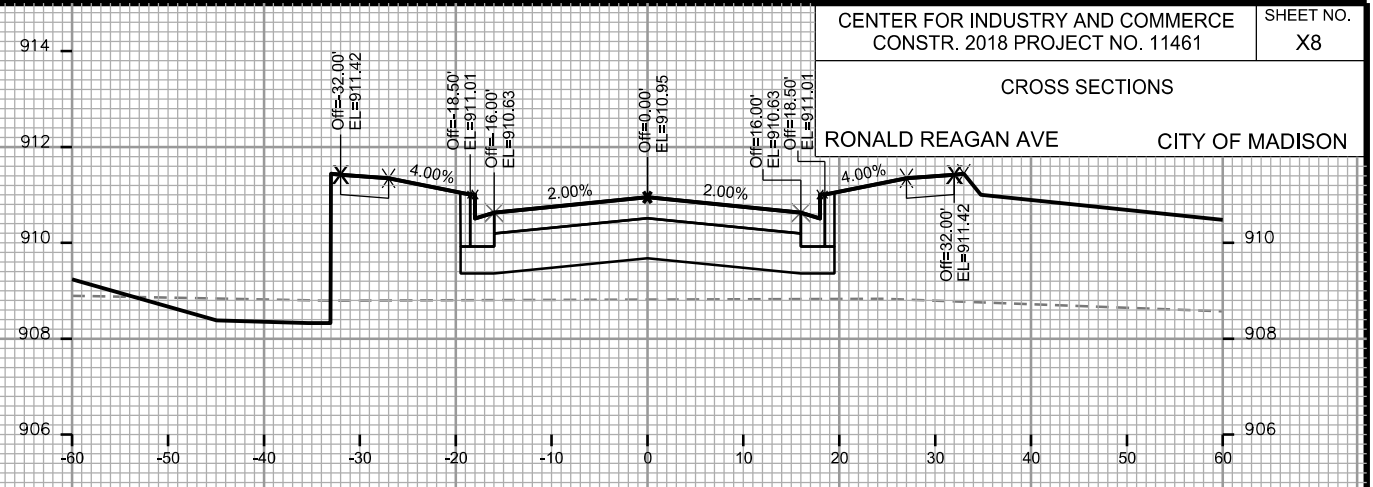
REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON - STREETS DIVISION



CROSS SECTIONS

RONALD REAGAN AVE CITY OF MADISON



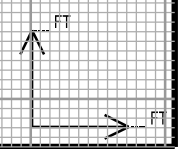
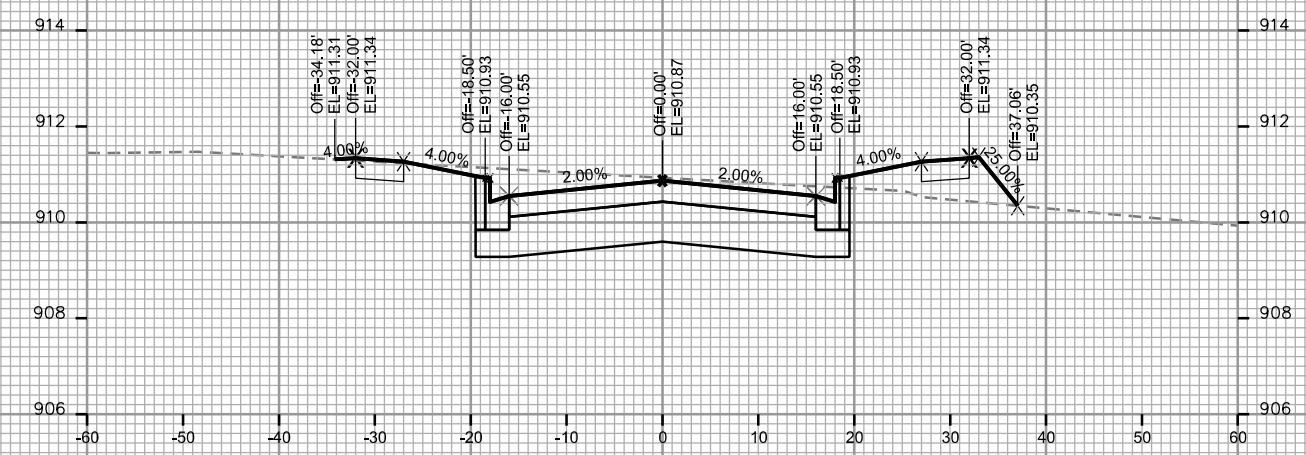
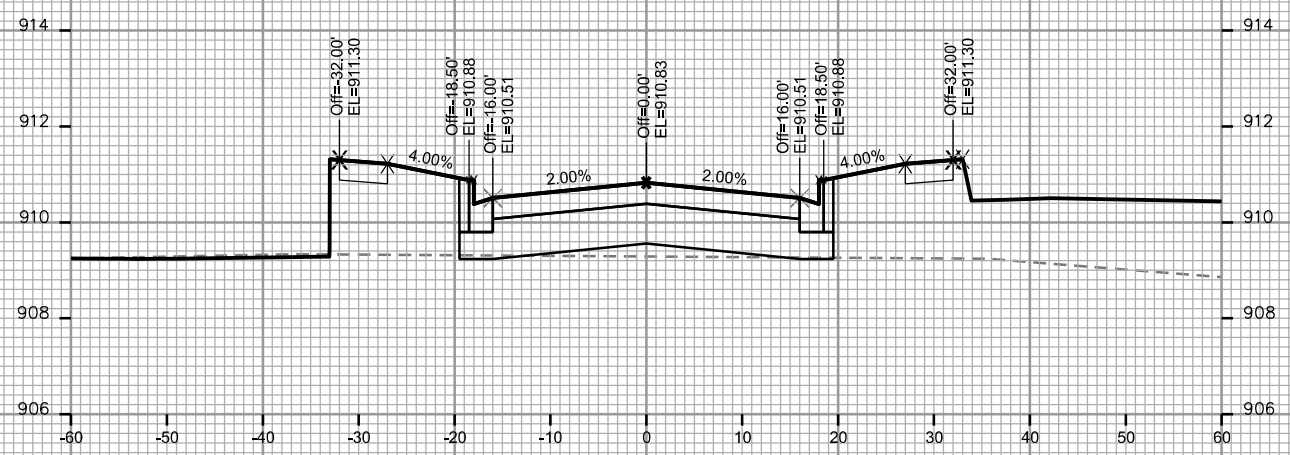
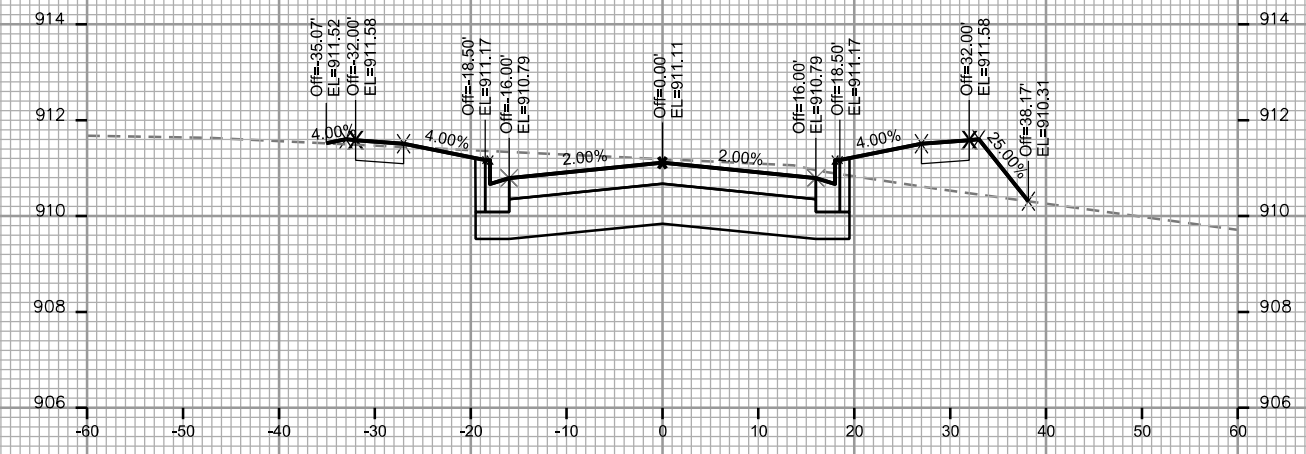
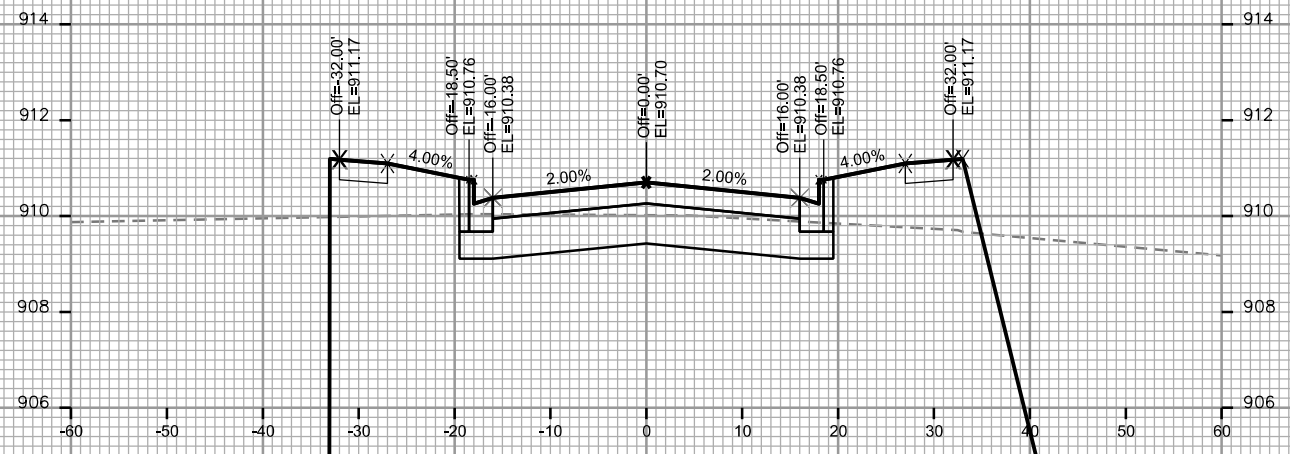
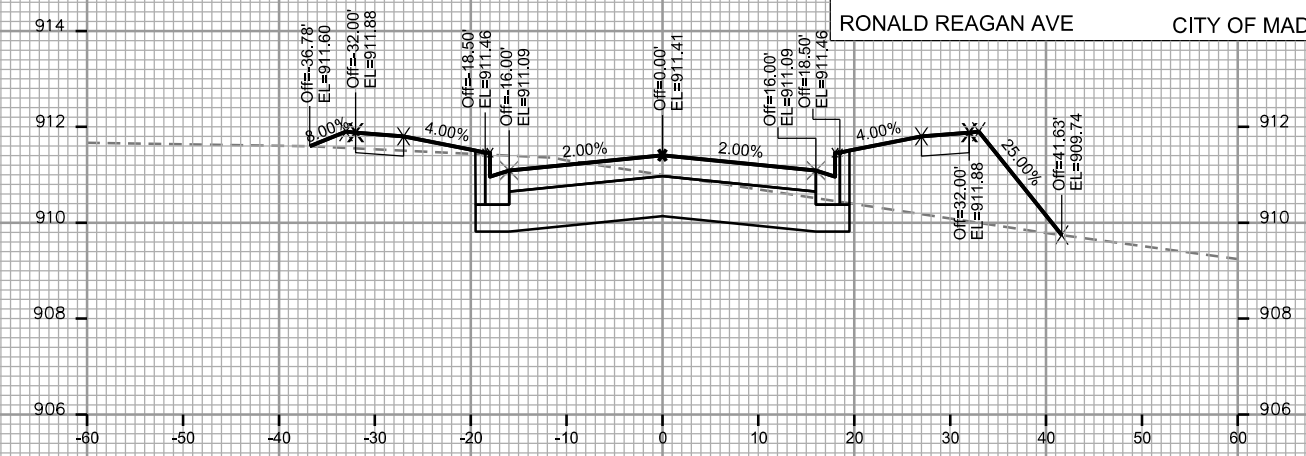
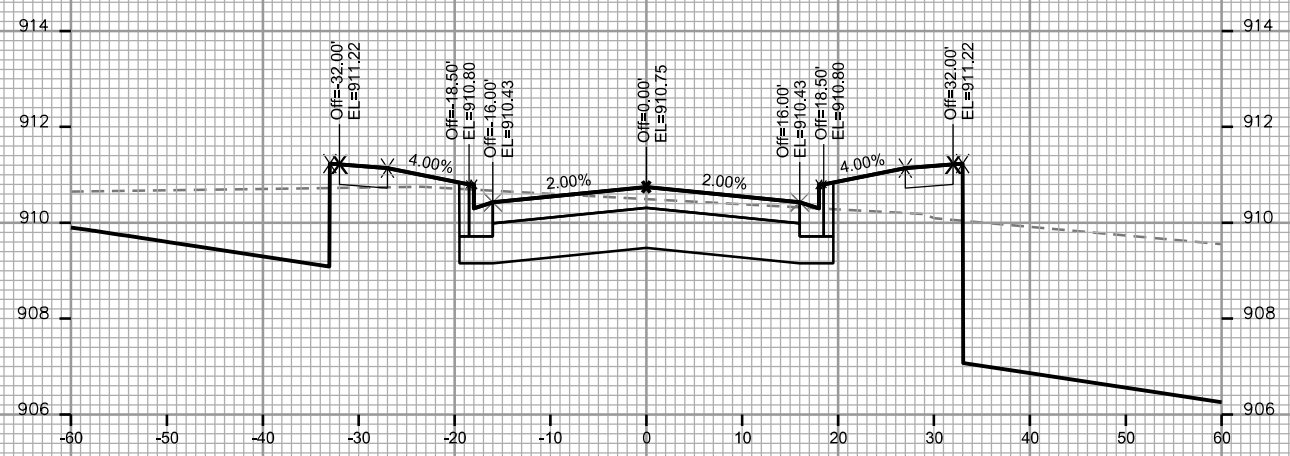
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PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON - STREETS DIVISION

CROSS SECTIONS  
RONALD REAGAN AVE CITY OF MADISON



PLOT SCALE: \_\_\_\_\_

PLOT NAME: \_\_\_\_\_

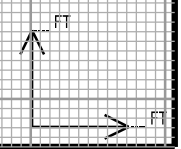
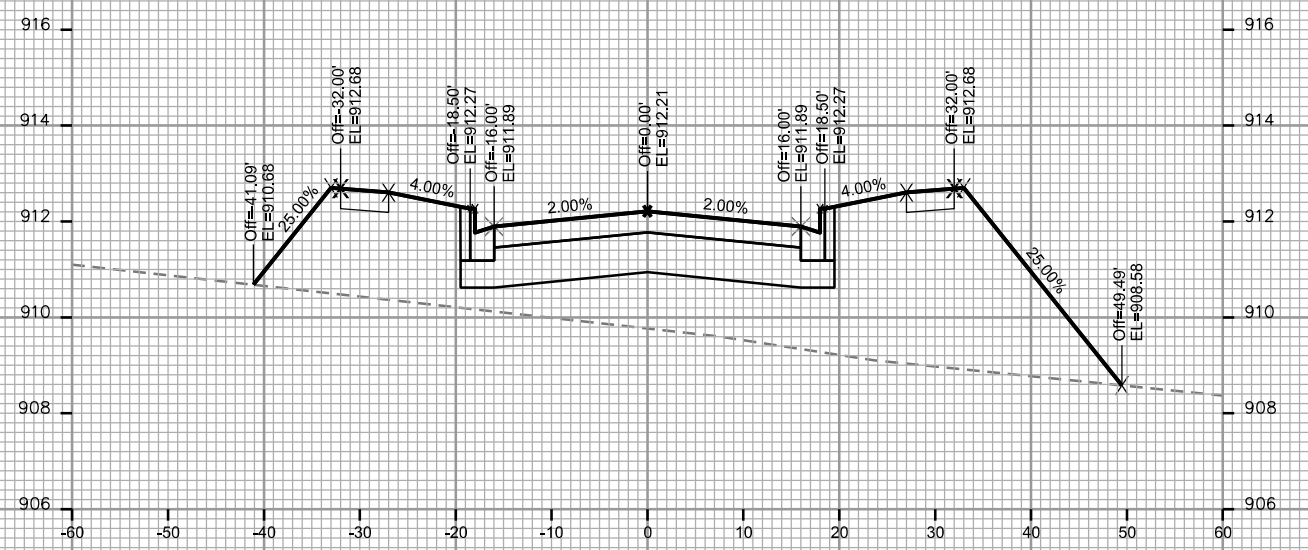
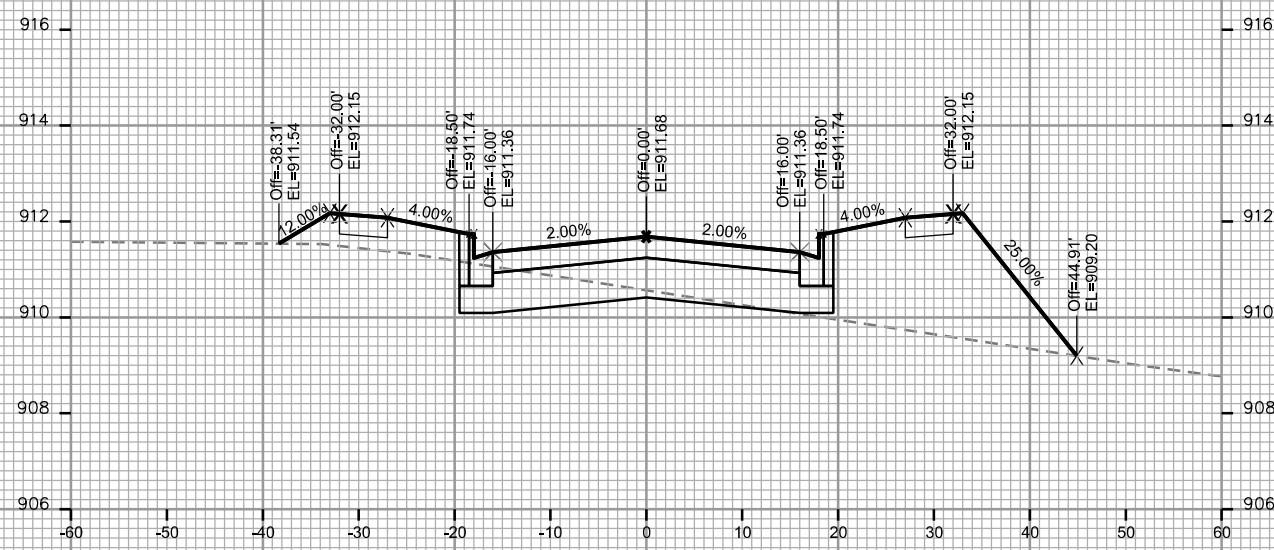
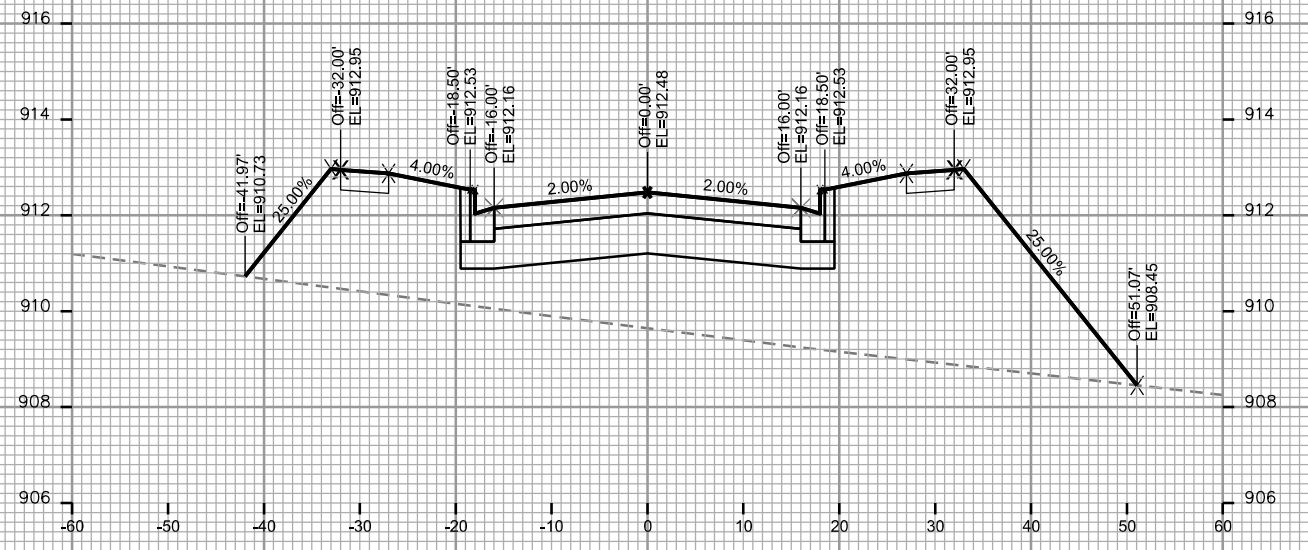
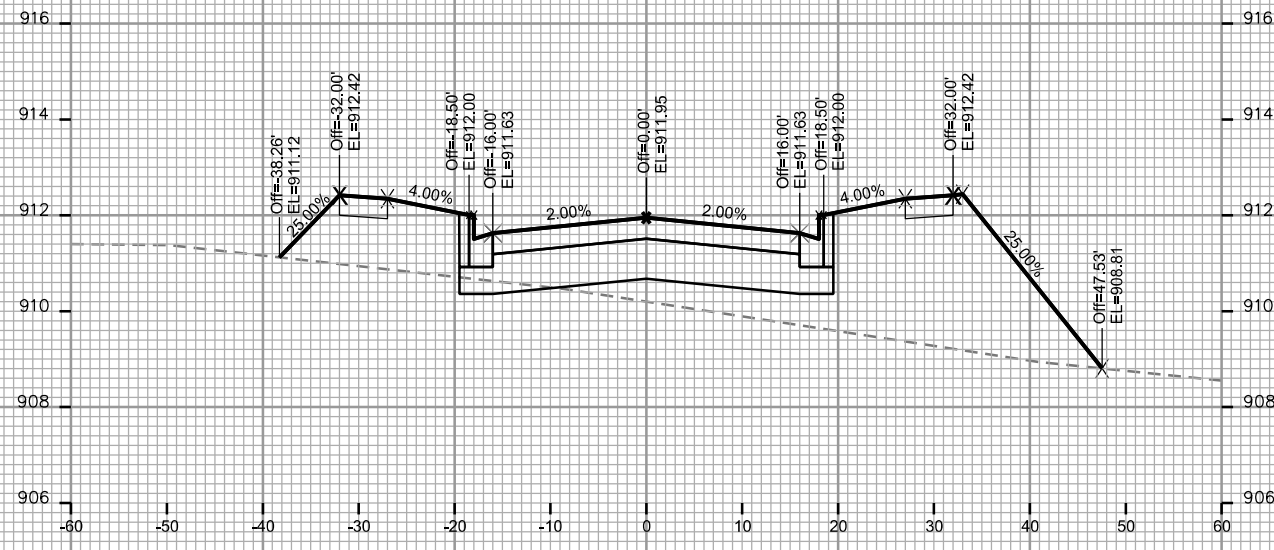
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ORIGINATOR: CITY OF MADISON - STREETS DIVISION

PLOT SCALE: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

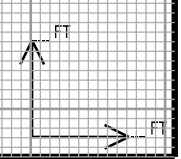
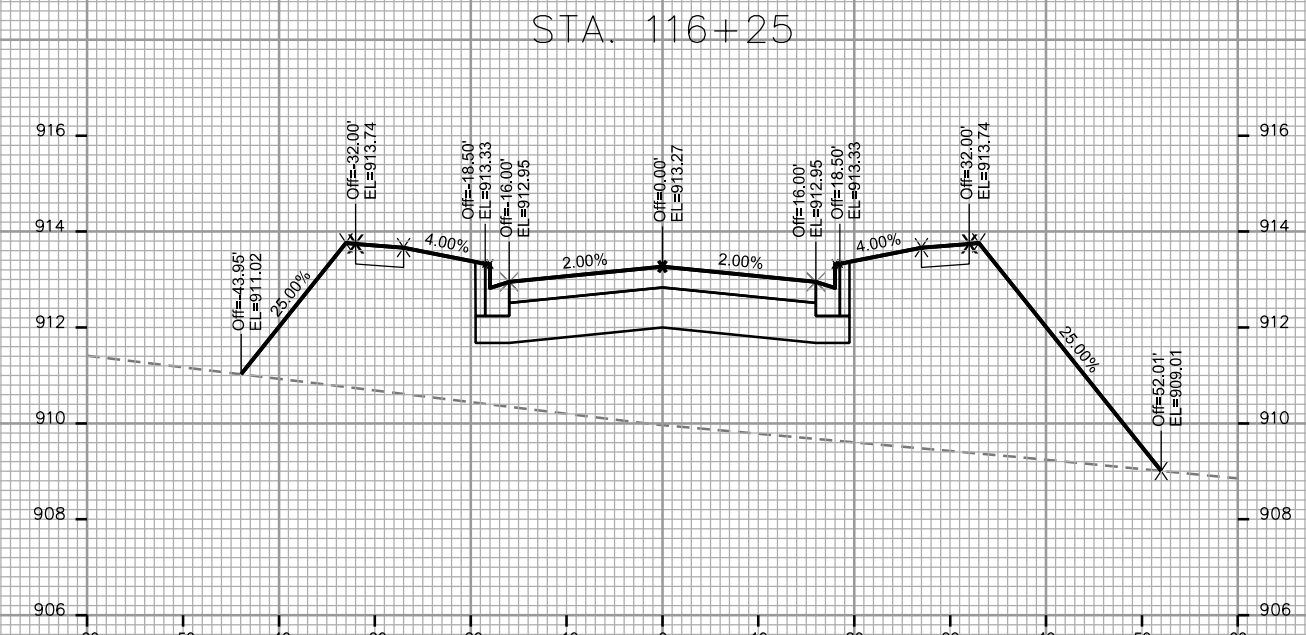
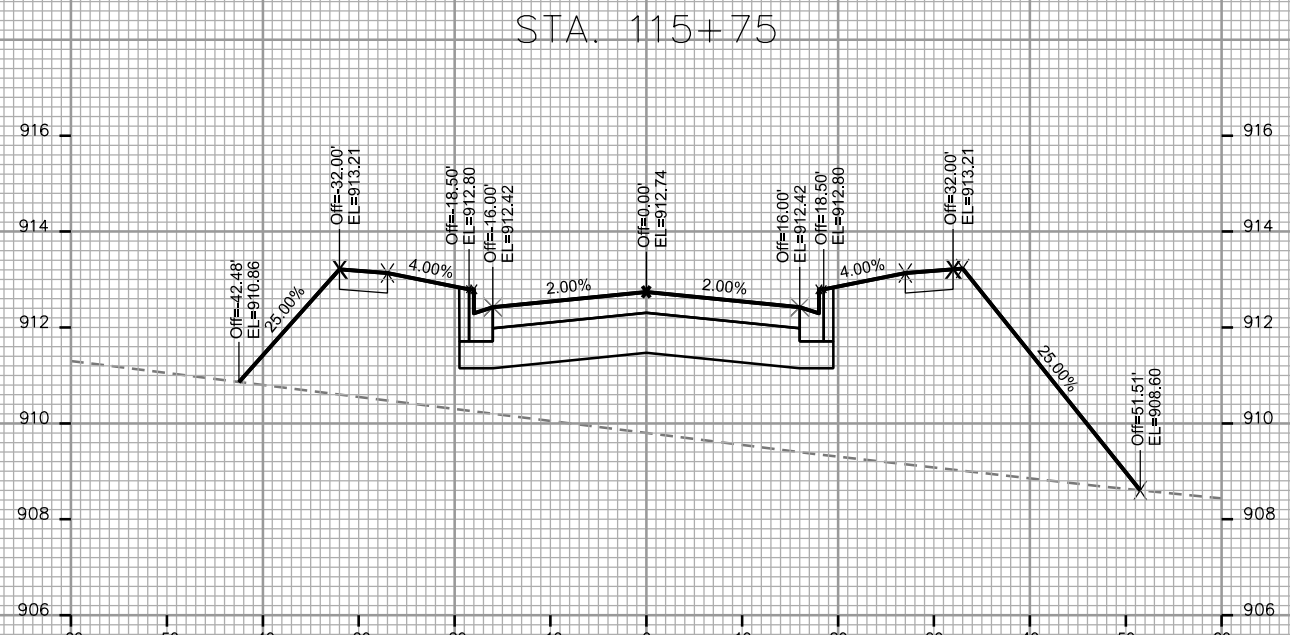
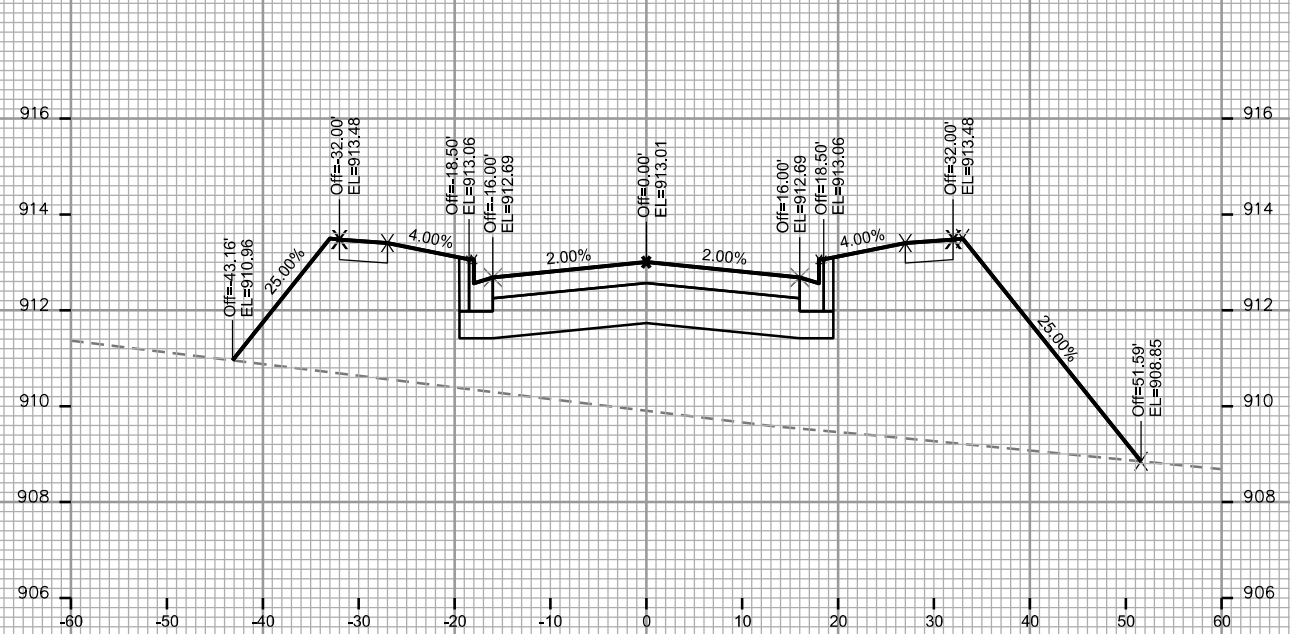
ORIGINATOR: CITY OF MADISON - STREETS DIVISION



PLOT SCALE: \_\_\_\_\_  
 PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

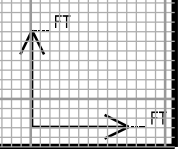
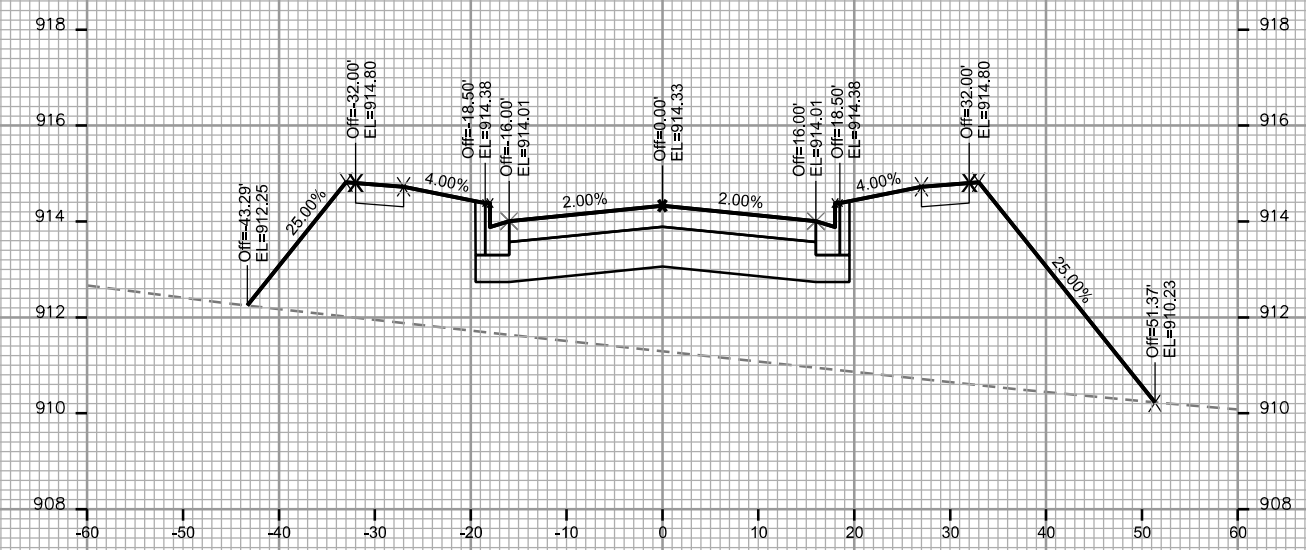
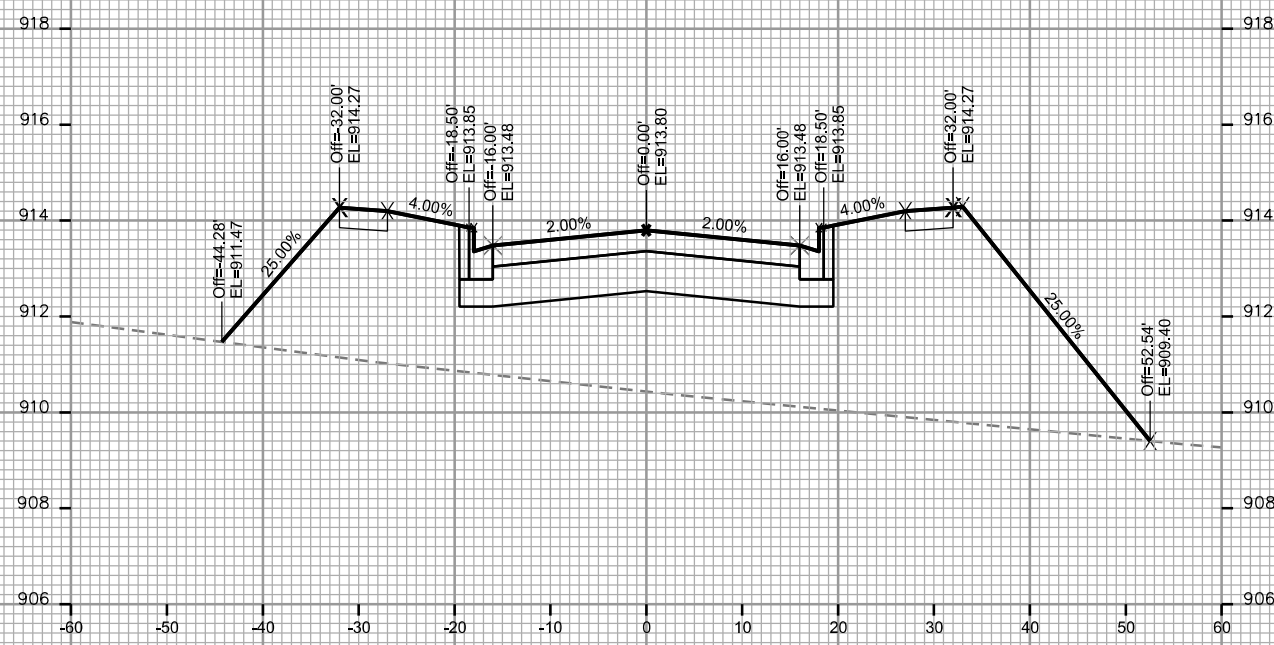
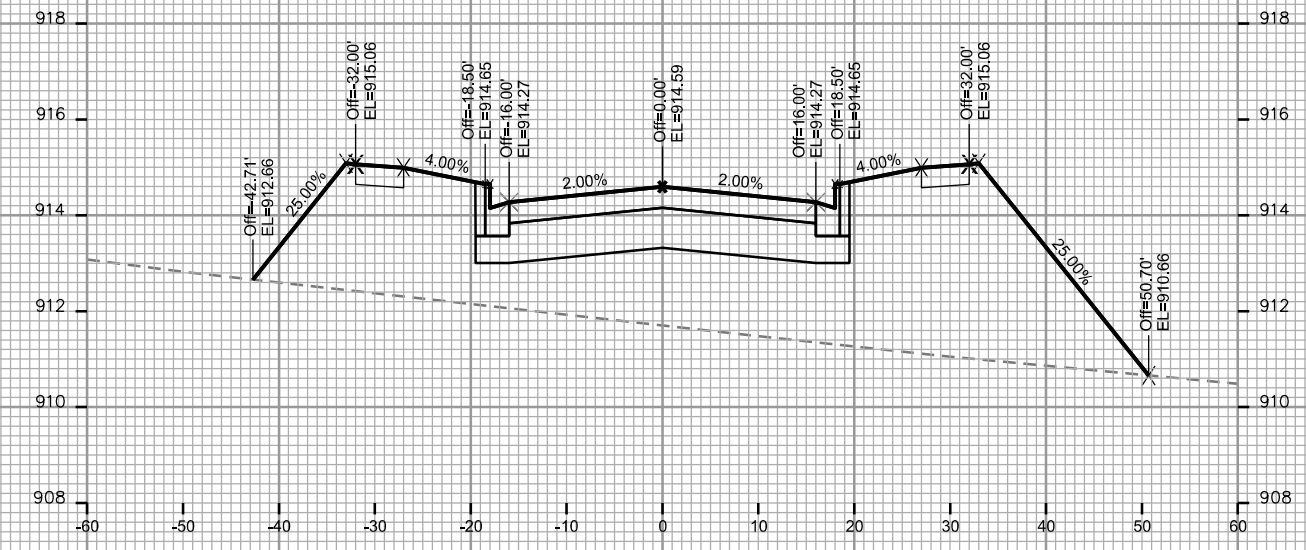
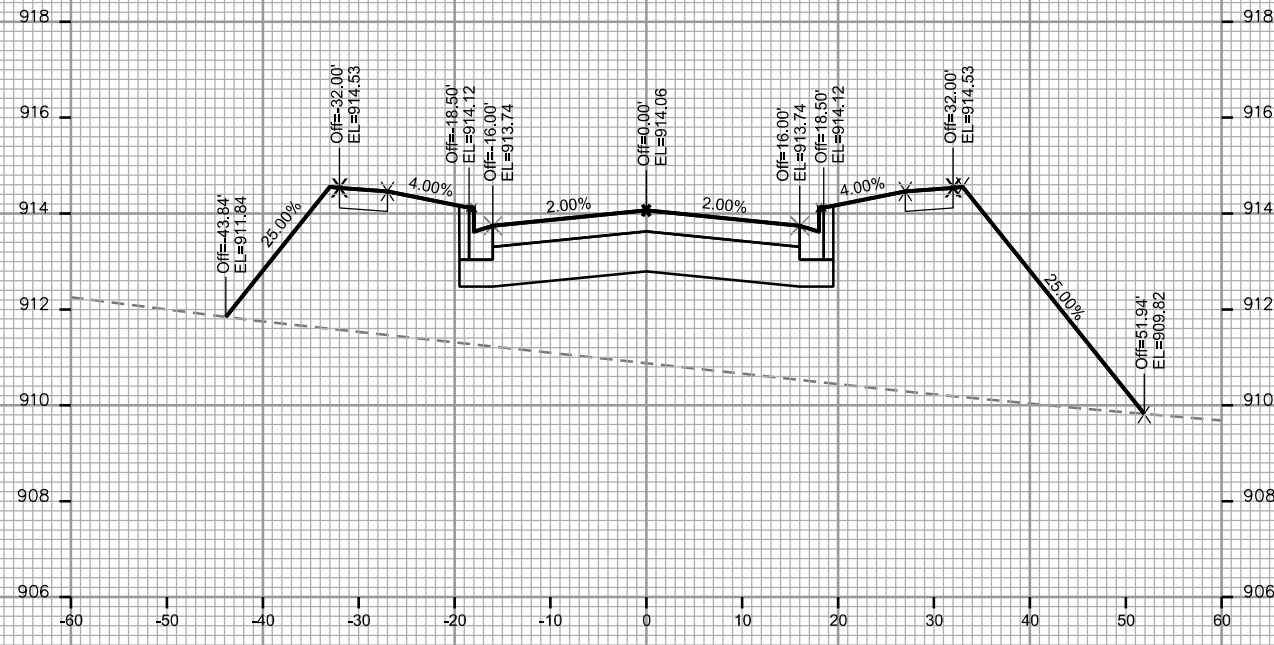
ORIGINATOR: CITY OF MADISON - STREETS DIVISION



PLOT SCALE: \_\_\_\_\_  
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ORIGINATOR: CITY OF MADISON - STREETS DIVISION



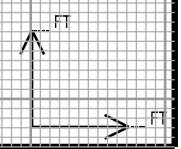
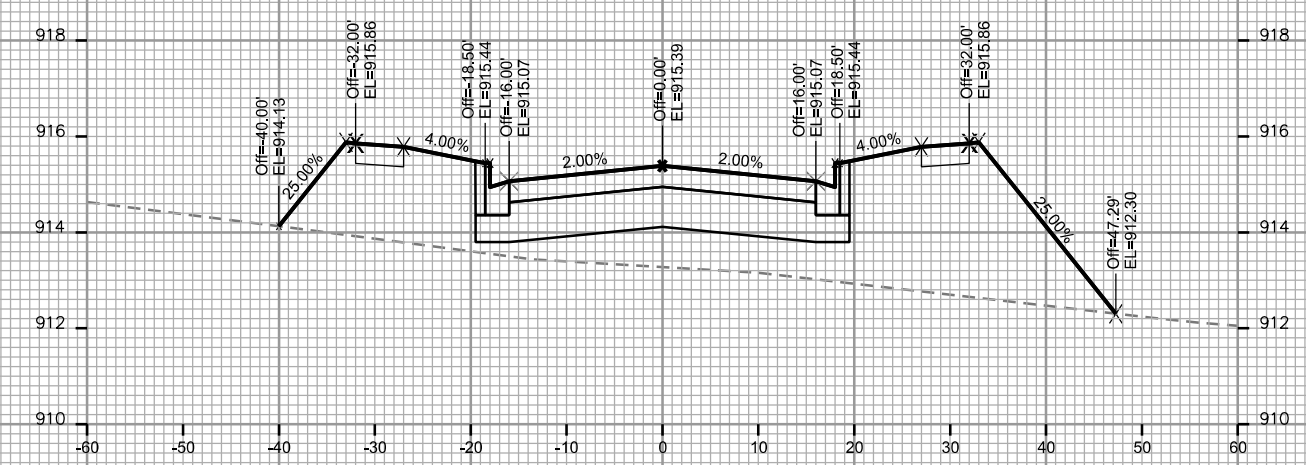
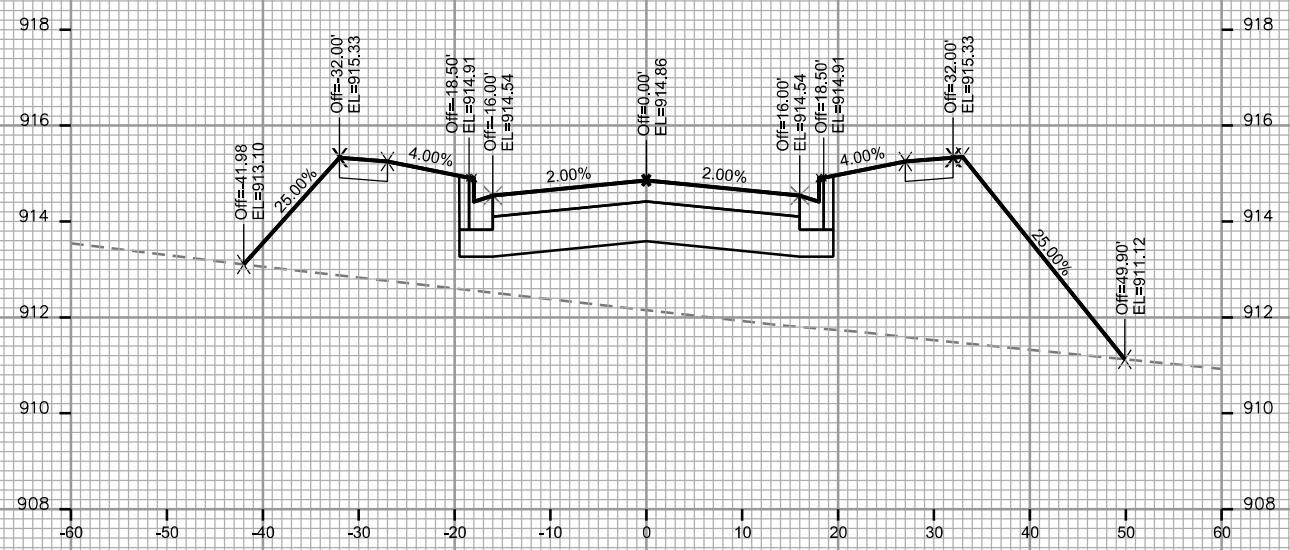
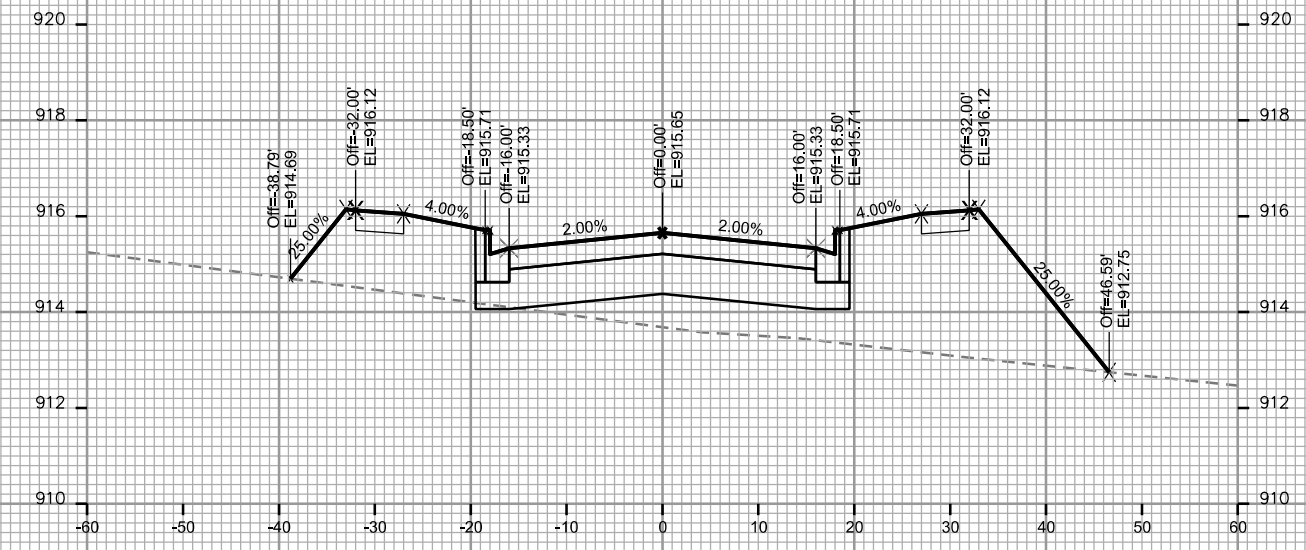
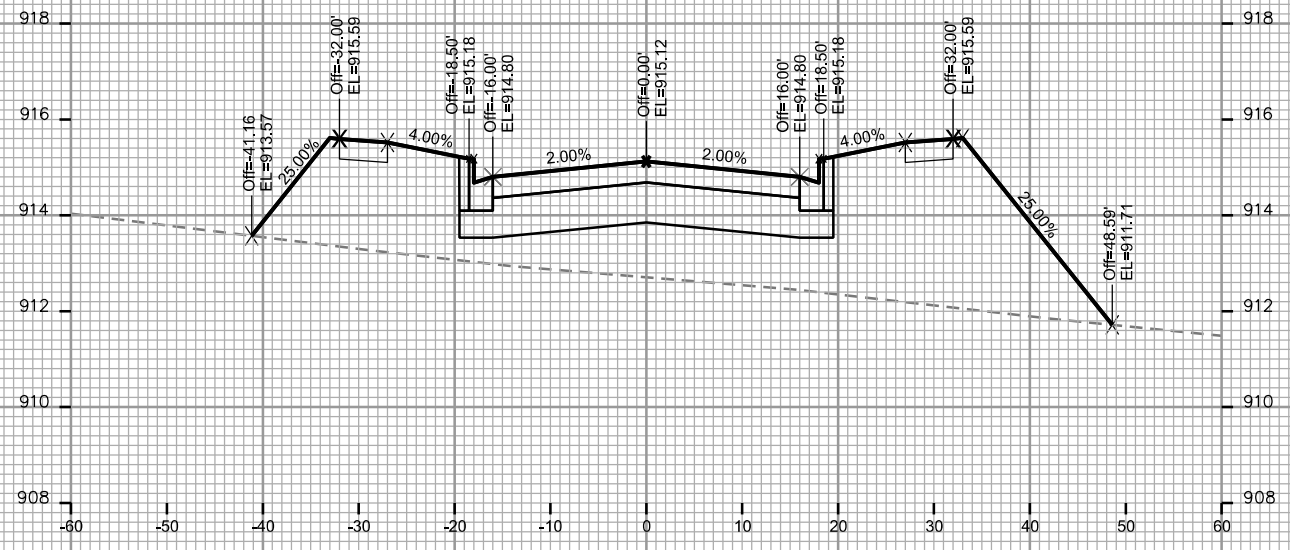


CROSS SECTIONS  
 RONALD REAGAN AVE CITY OF MADISON

PLOT SCALE: \_\_\_\_\_  
 PLOT NAME: \_\_\_\_\_

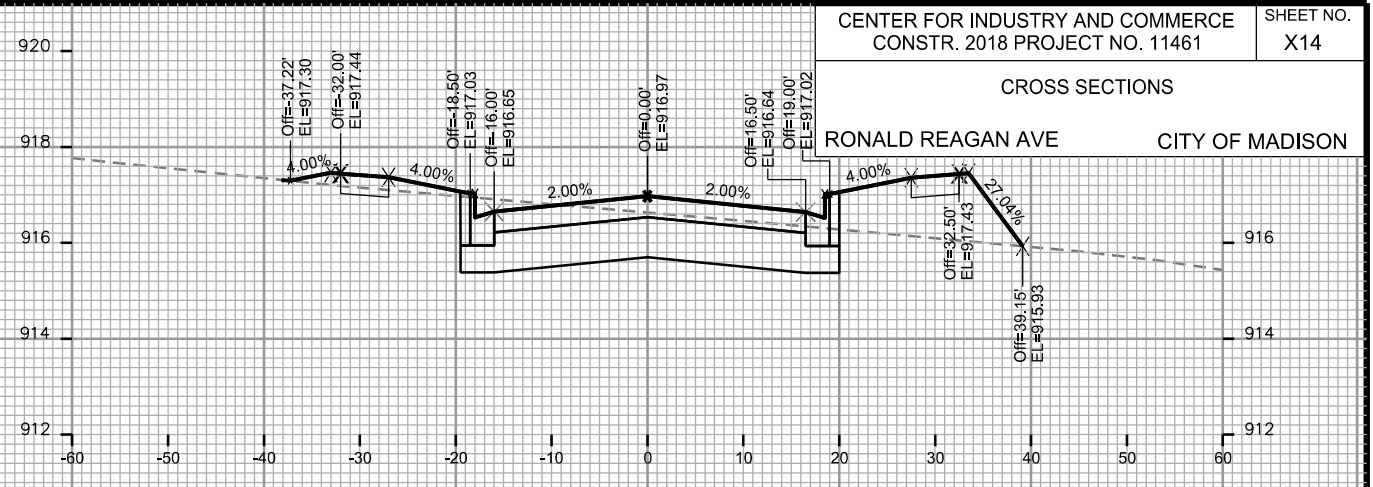
REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON - STREETS DIVISION

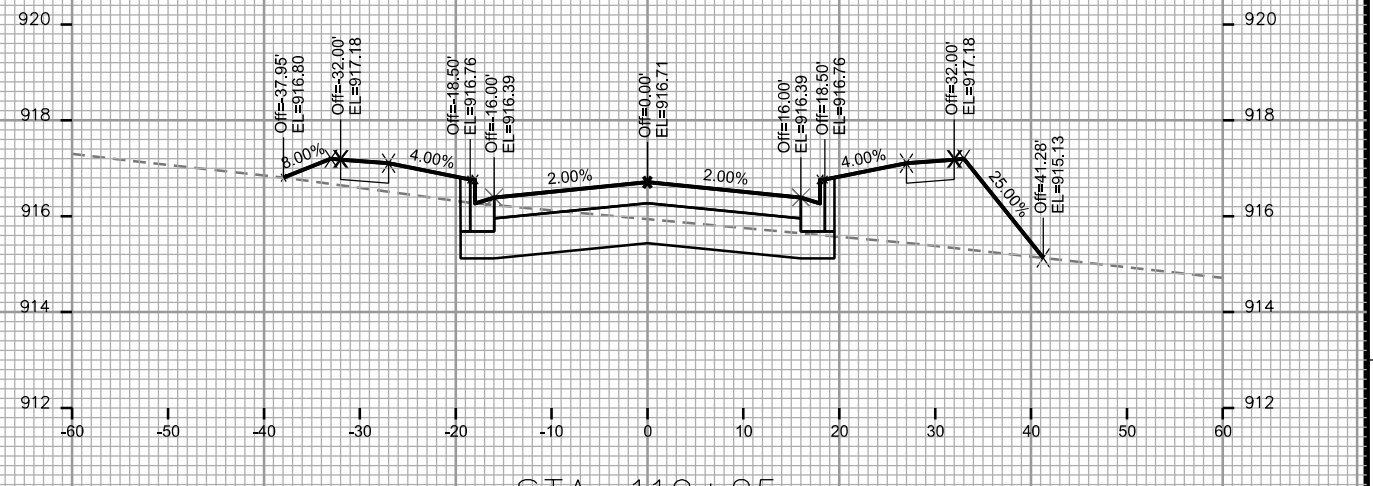


CROSS SECTIONS

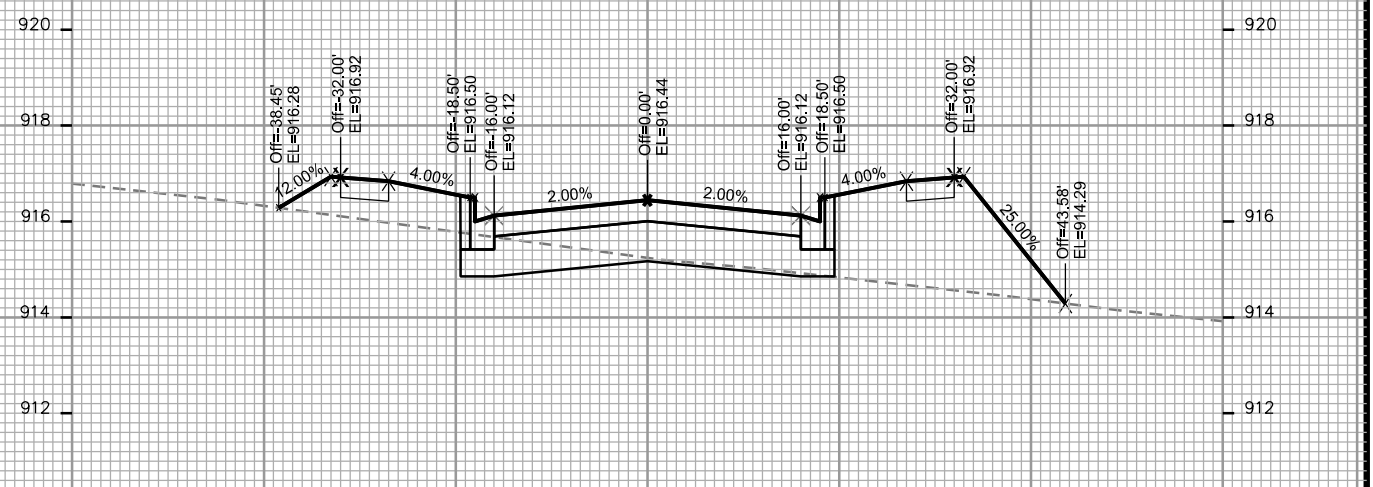
RONALD REAGAN AVE CITY OF MADISON



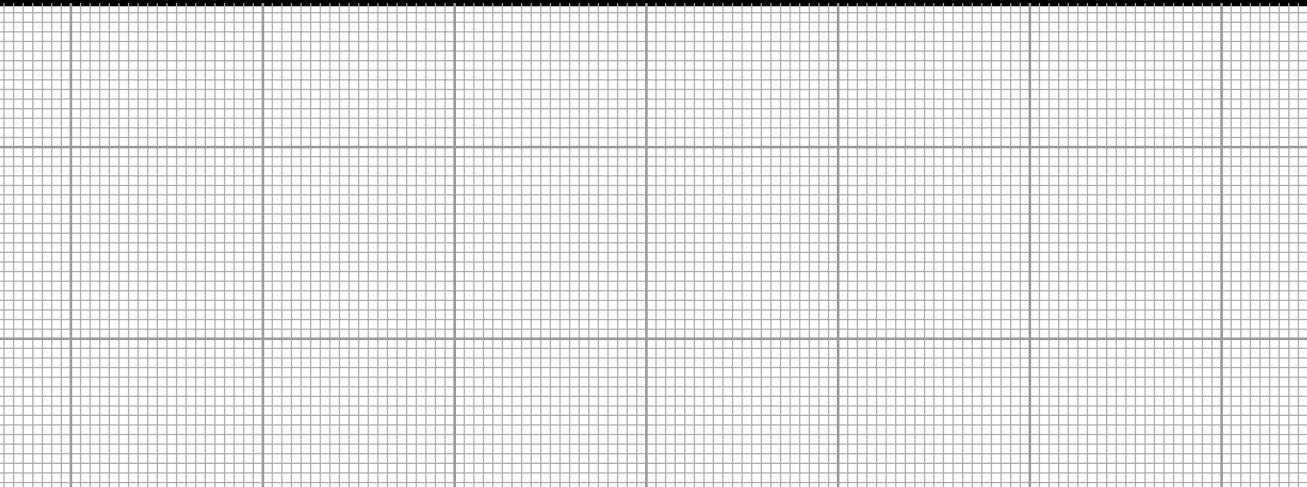
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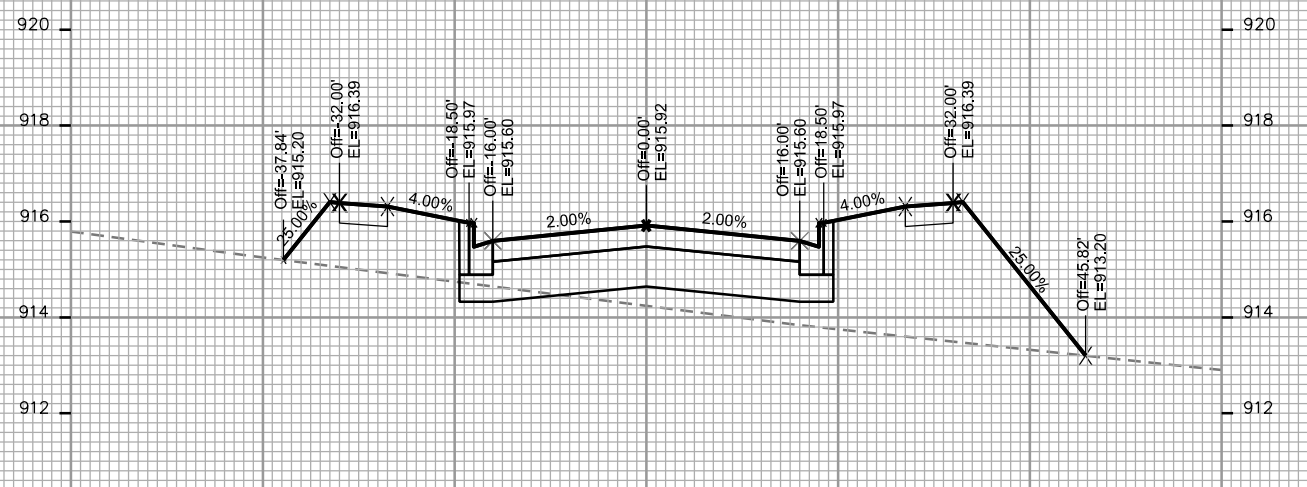
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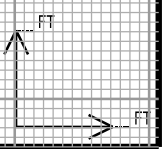
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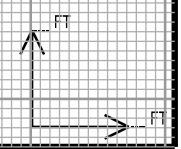
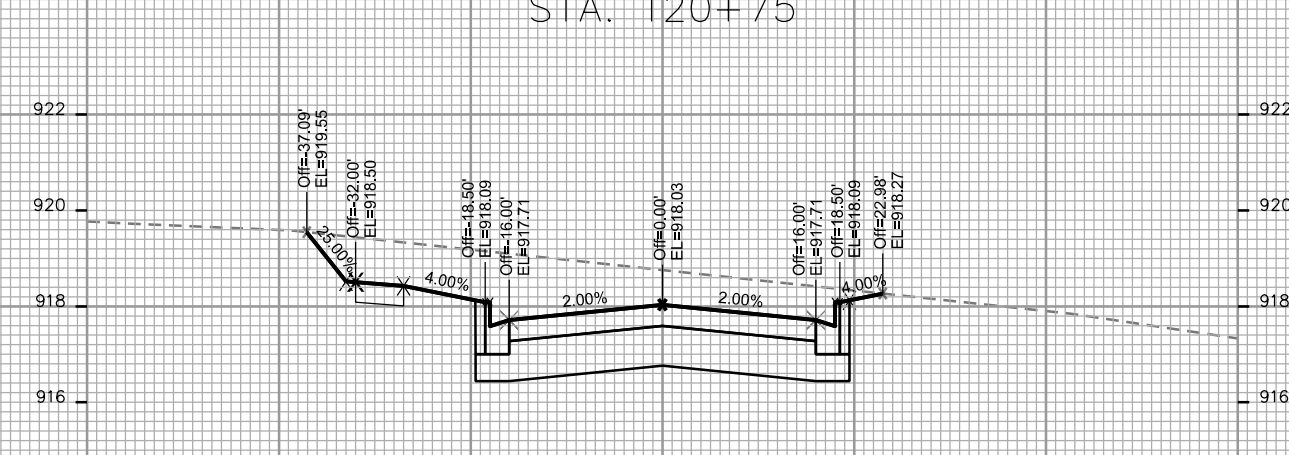
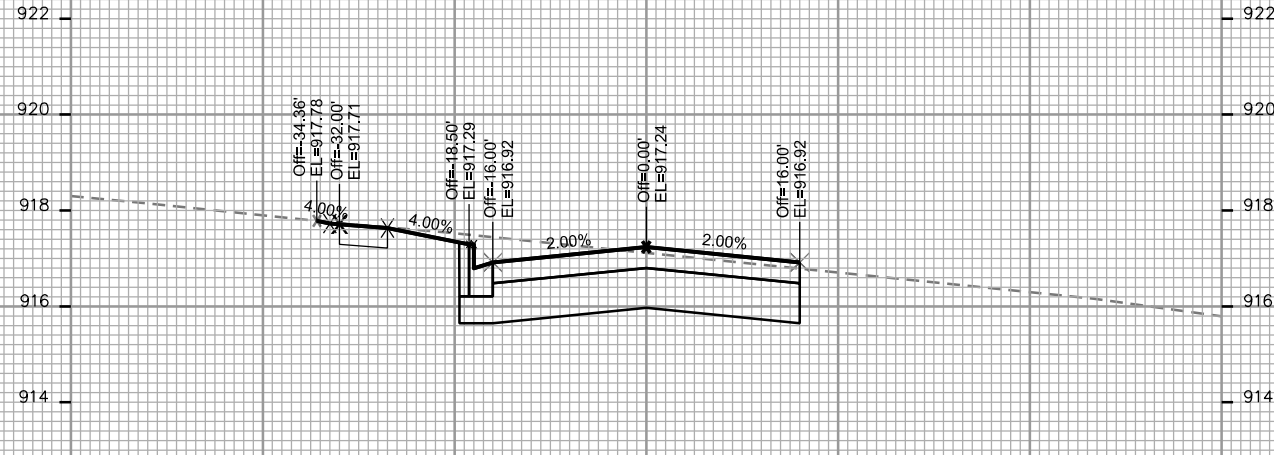
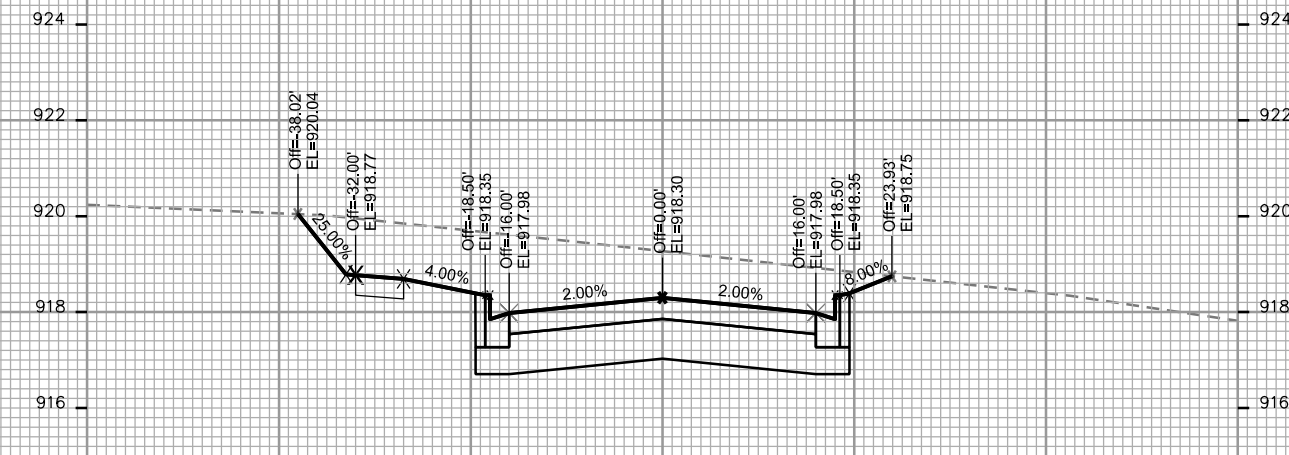
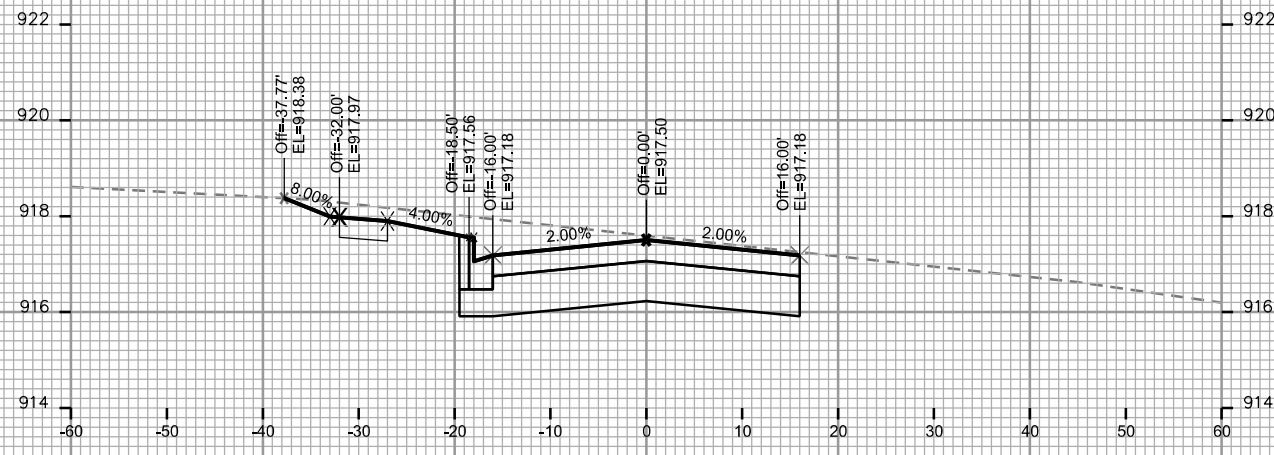
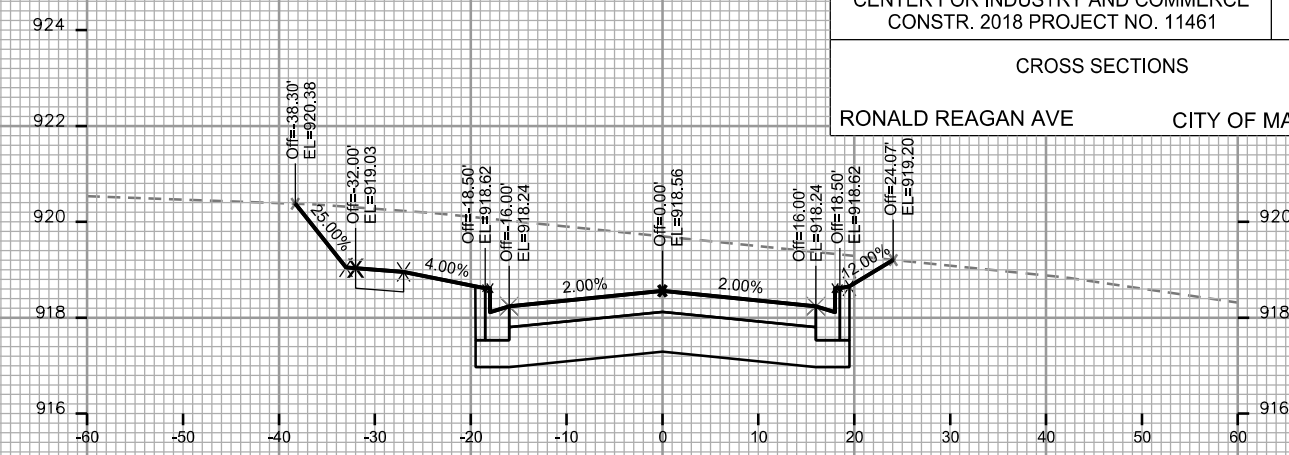
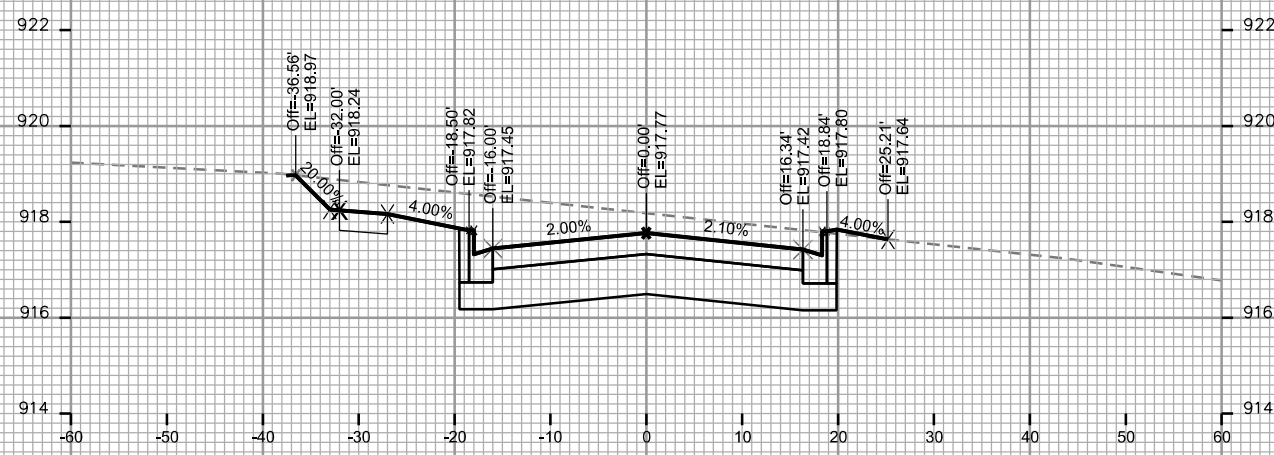


PLOT SCALE: \_\_\_\_\_

PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON - STREETS DIVISION



PLOT SCALE: \_\_\_\_\_

PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

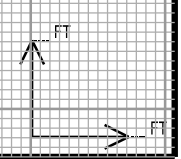
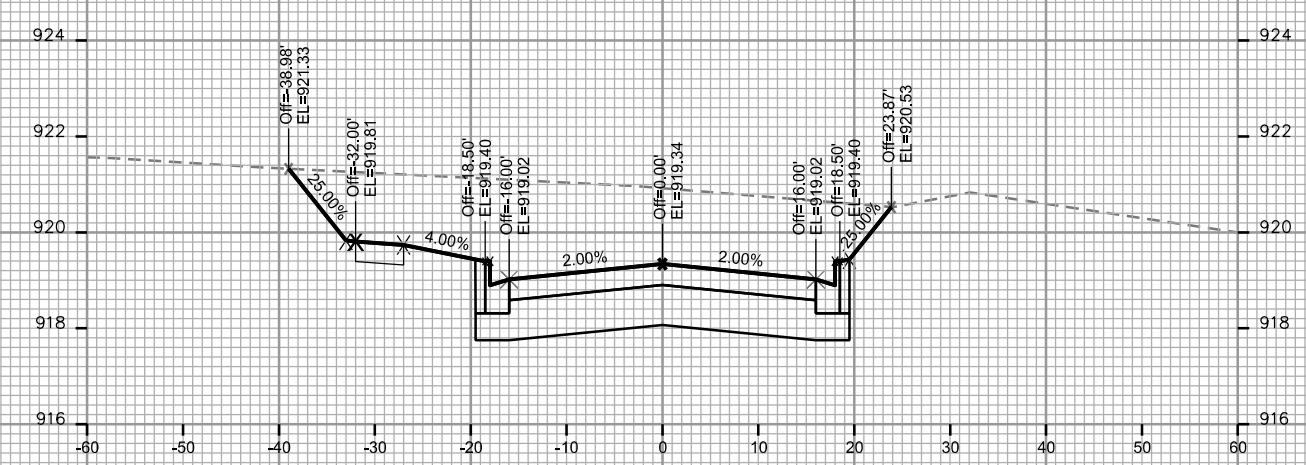
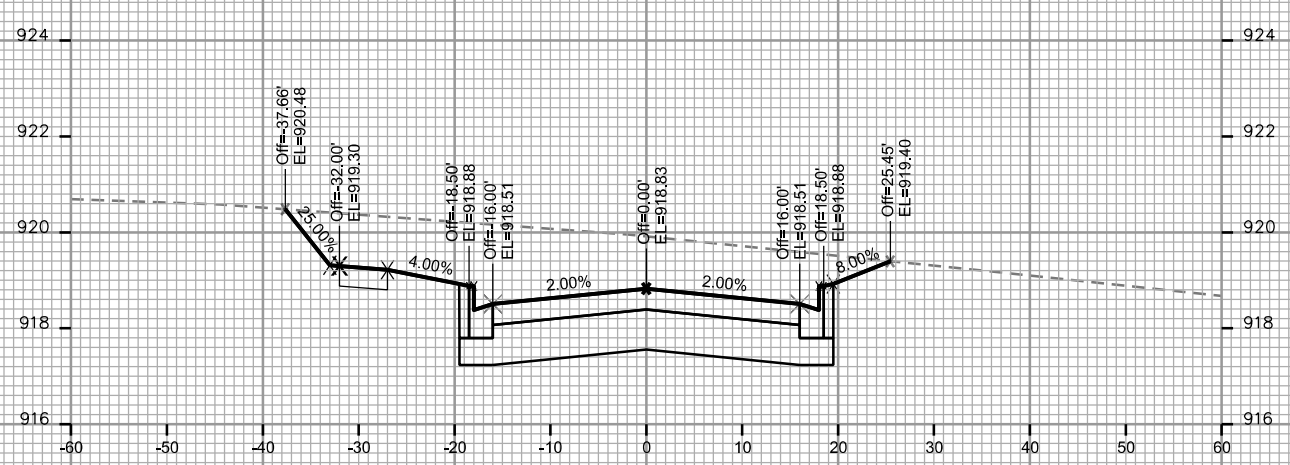
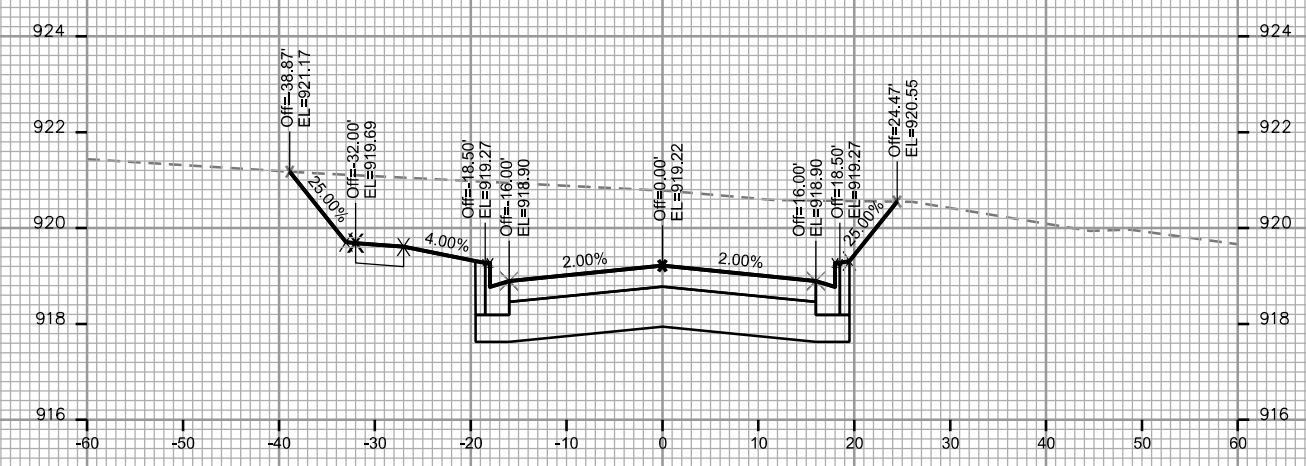
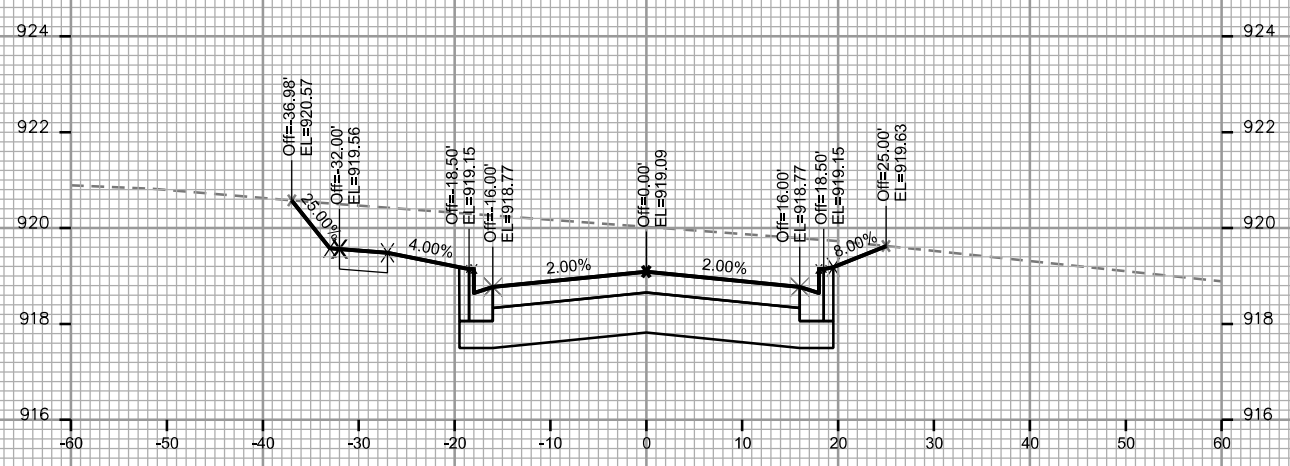
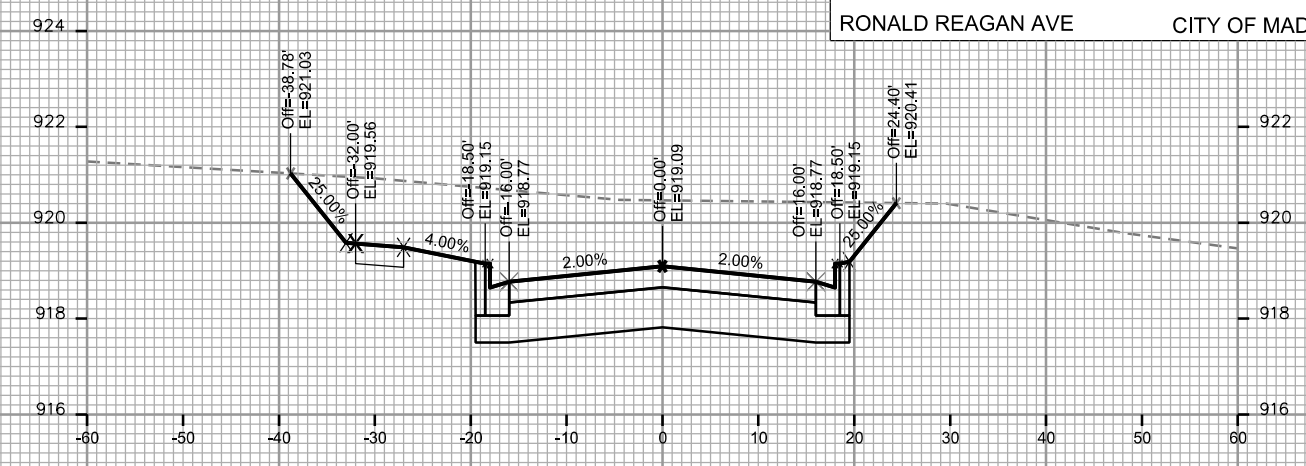
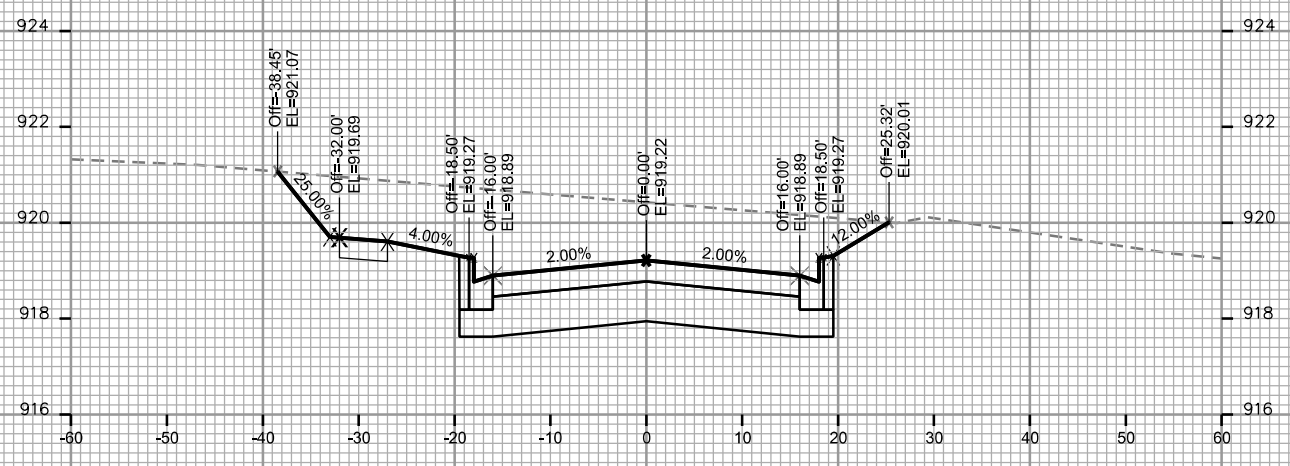
ORIGINATOR: CITY OF MADISON STREETS DIVISION

PLOT SCALE: \_\_\_\_\_

PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON - STREETS DIVISION

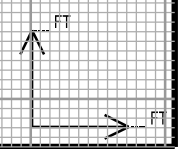
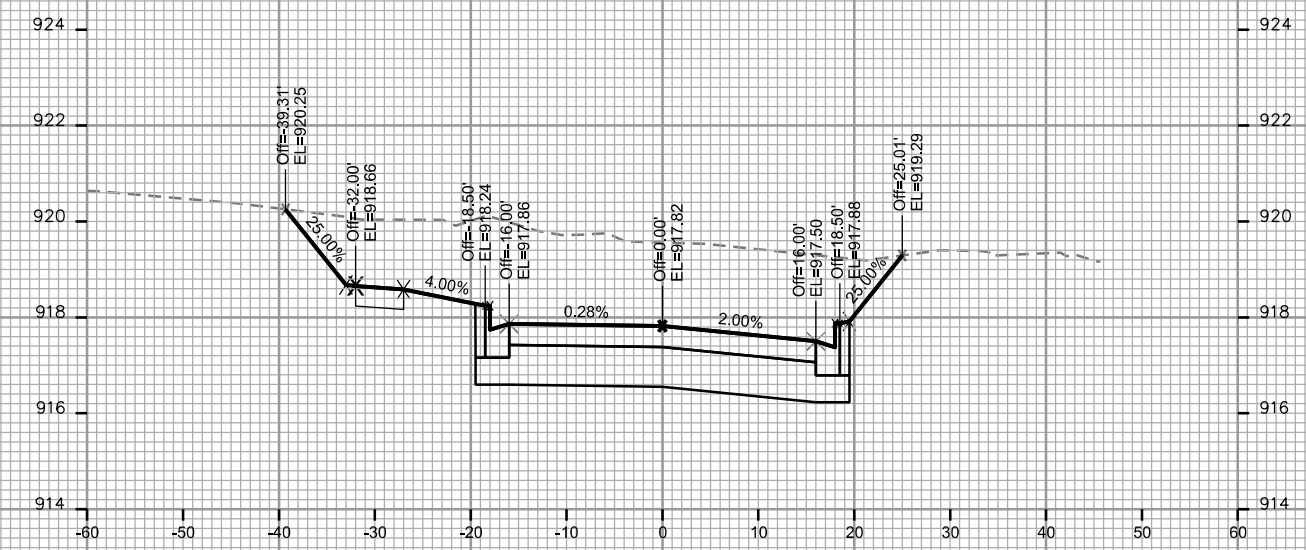
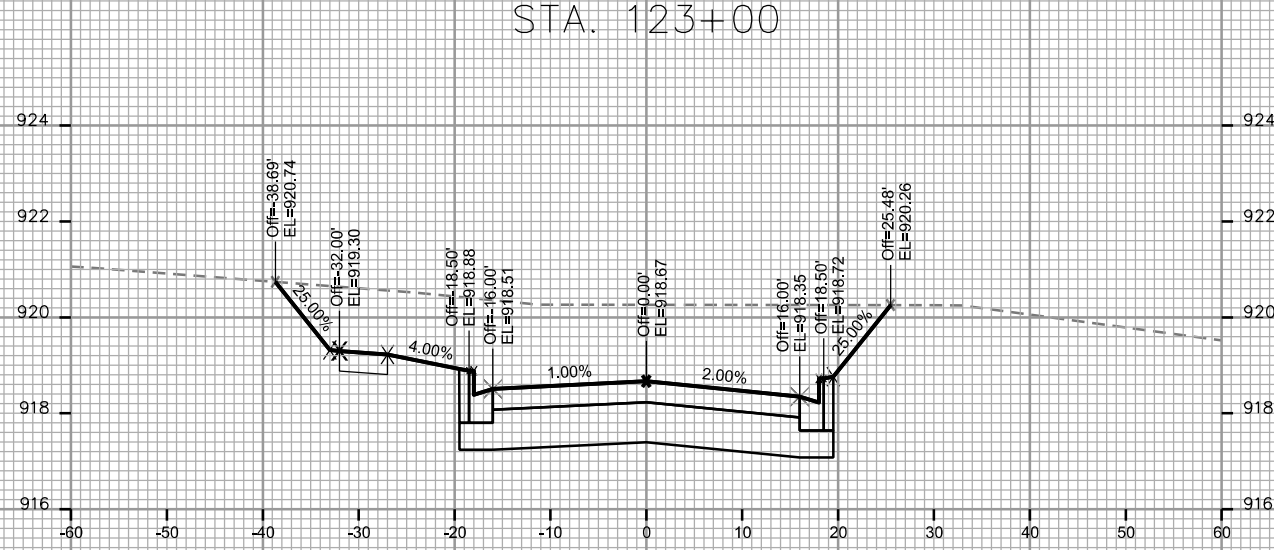
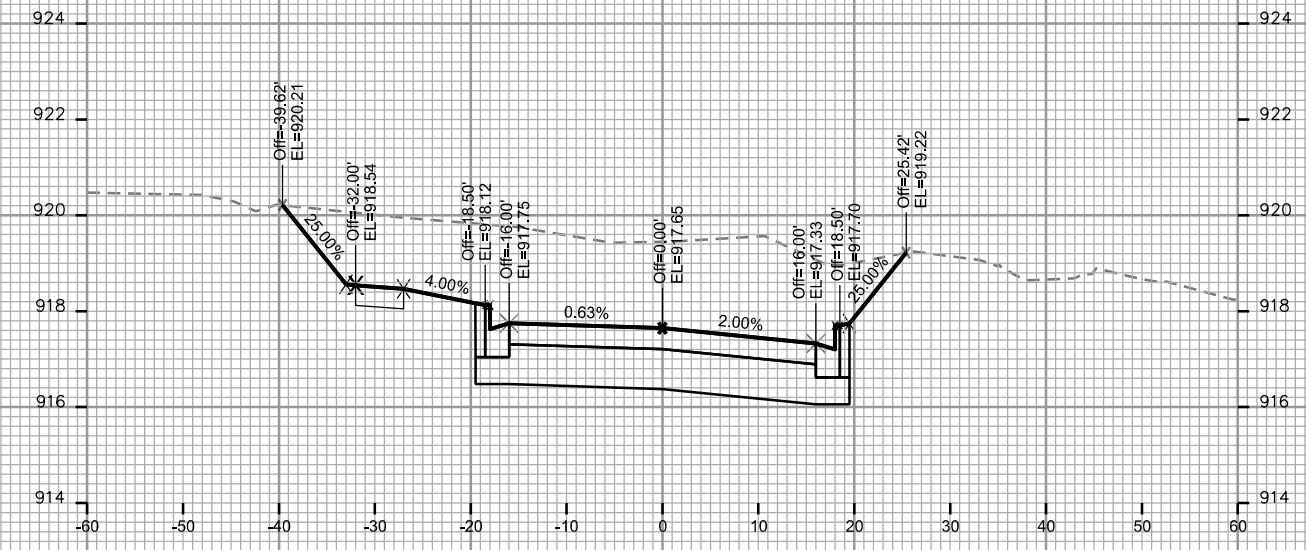
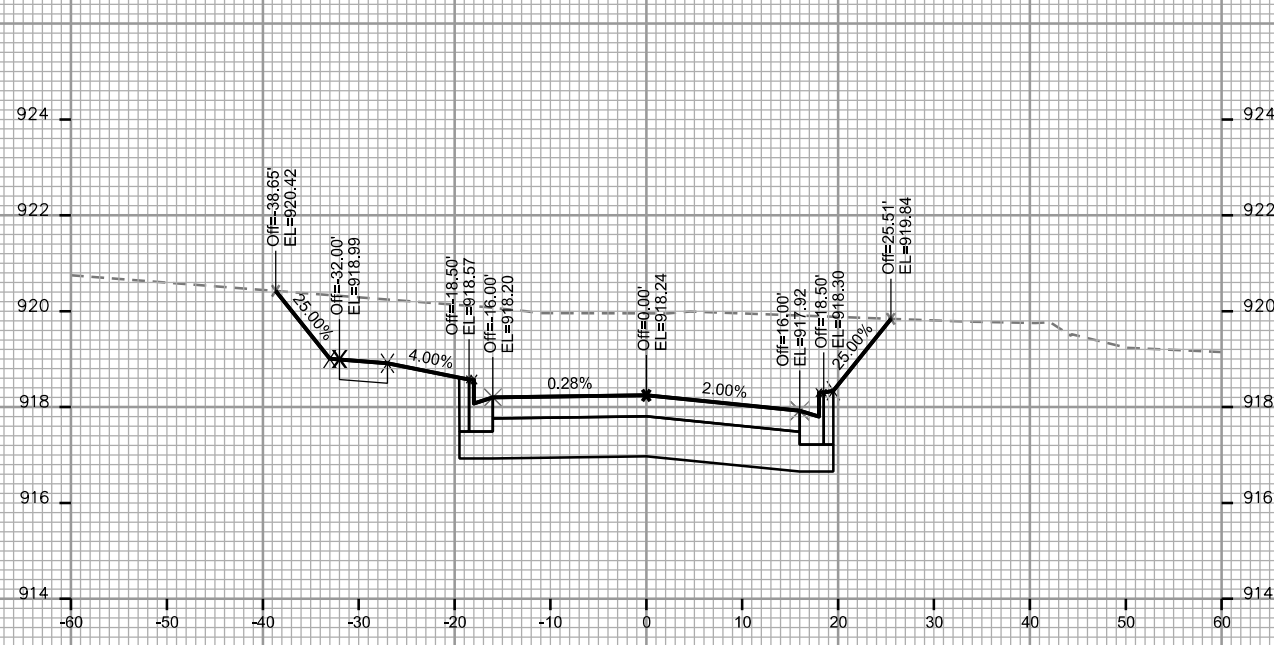


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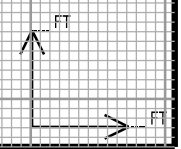
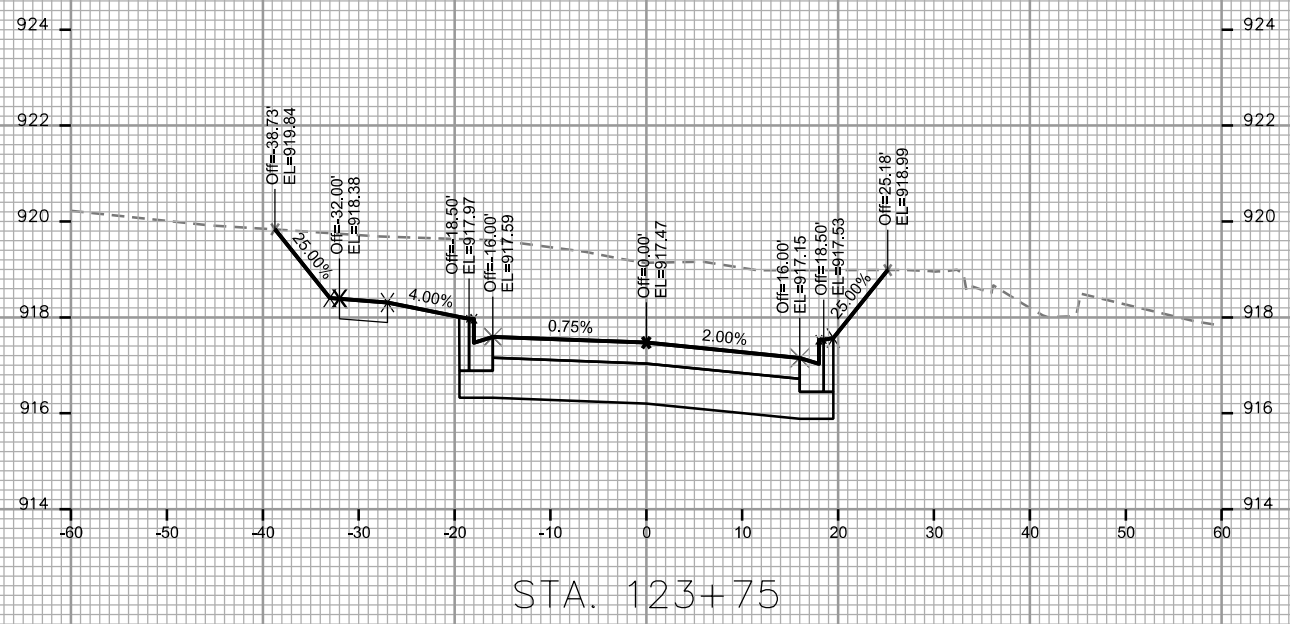
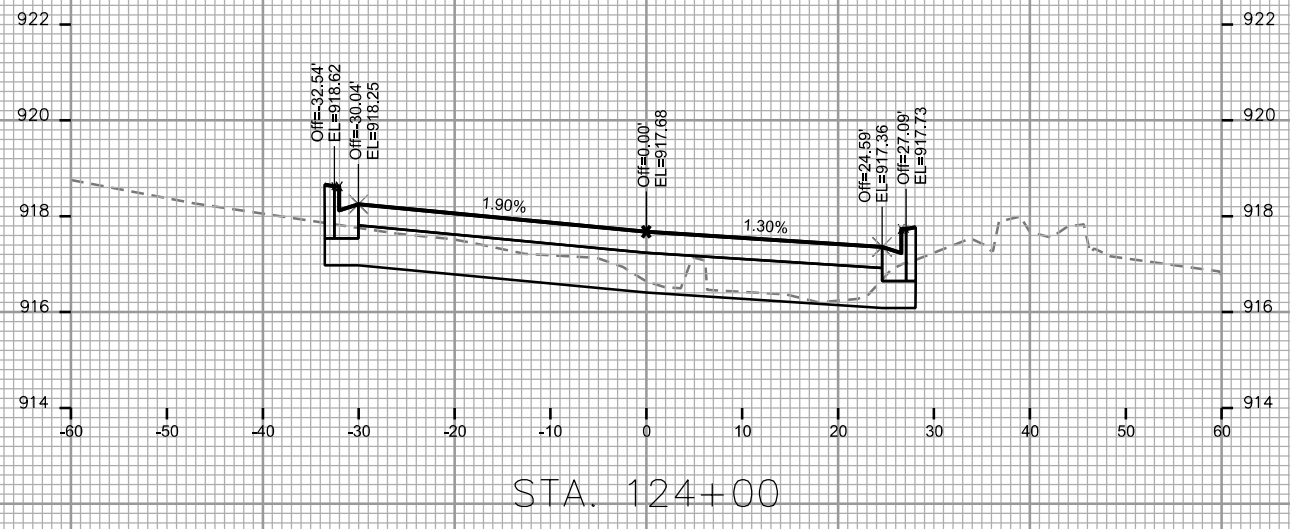
PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON - STREETS DIVISION



CROSS SECTIONS  
 RONALD REAGAN AVE CITY OF MADISON



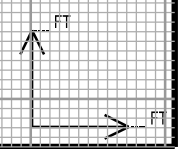
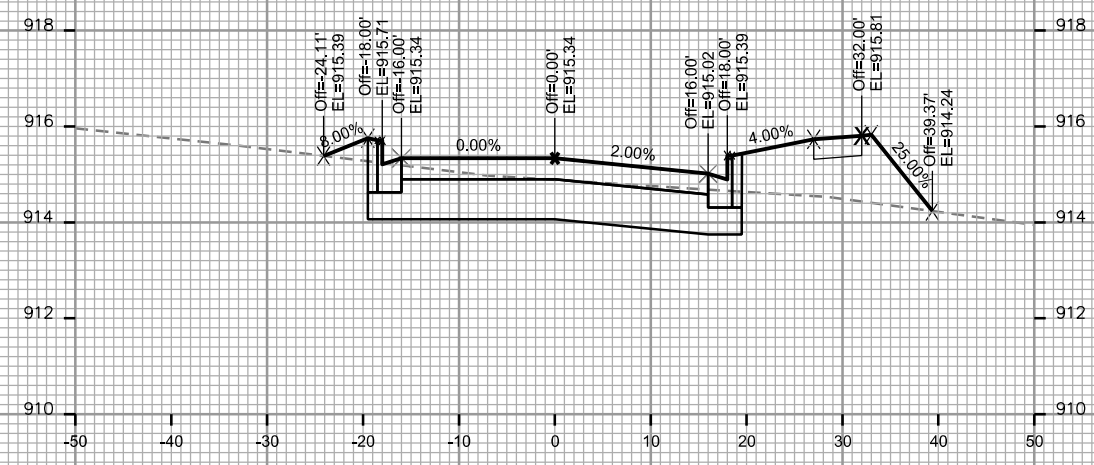
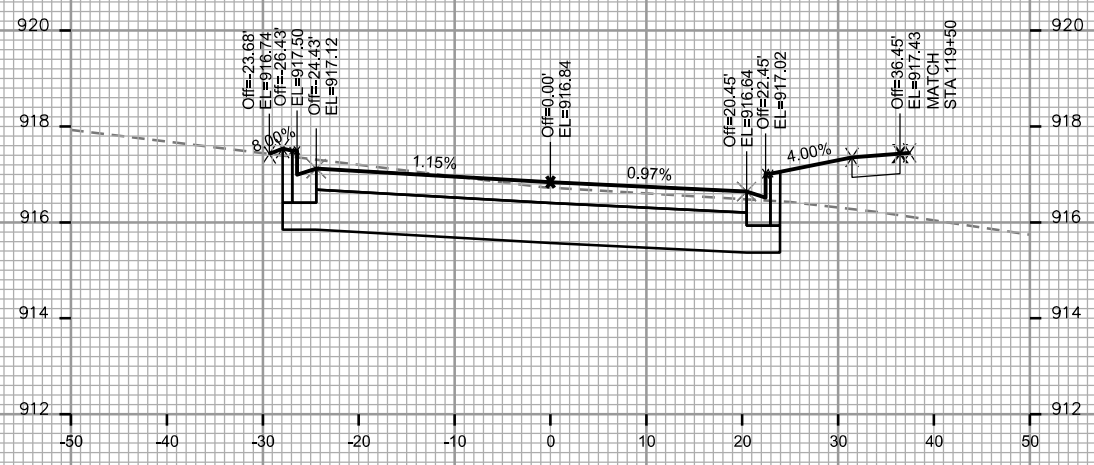
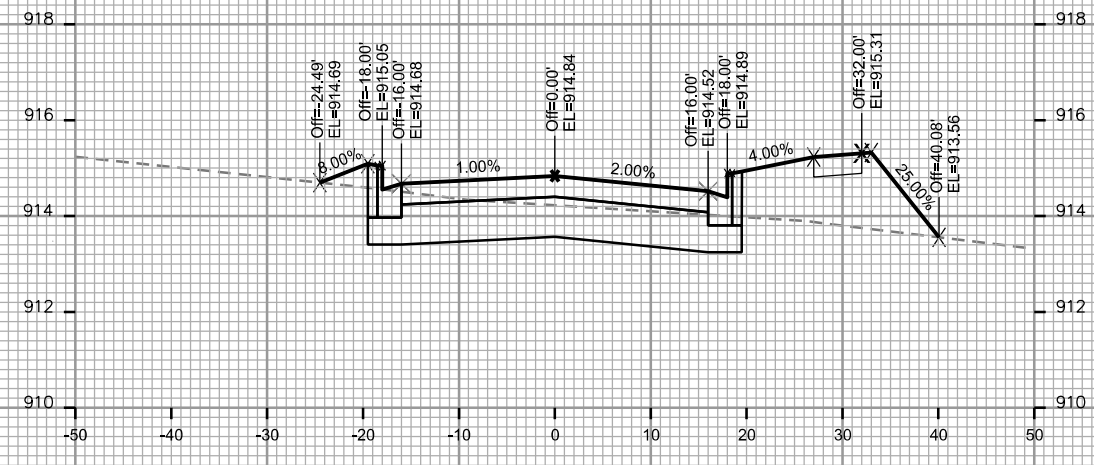
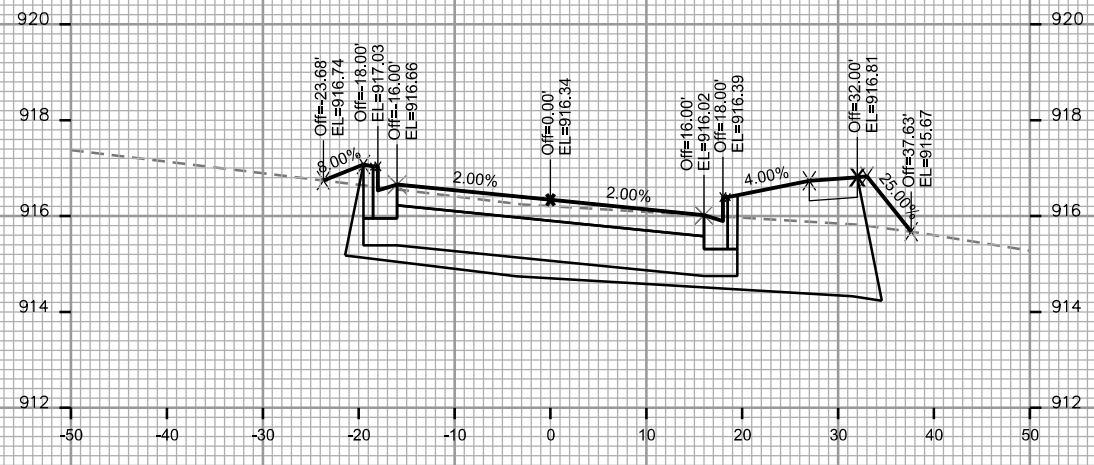
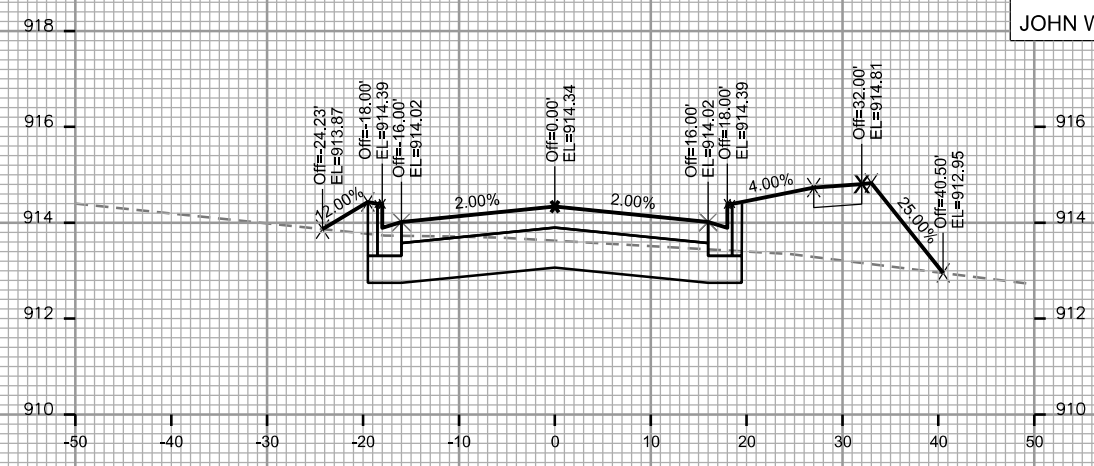
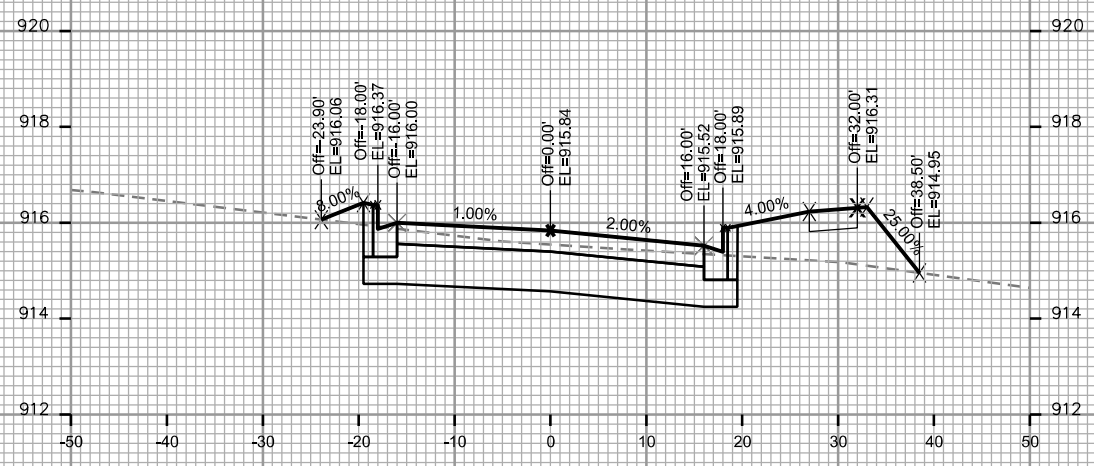
PLOT SCALE: \_\_\_\_\_

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ORIGINATOR: CITY OF MADISON - STREETS DIVISION

CROSS SECTIONS  
JOHN WALL DRIVE CITY OF MADISON



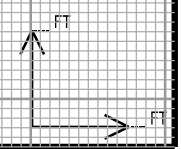
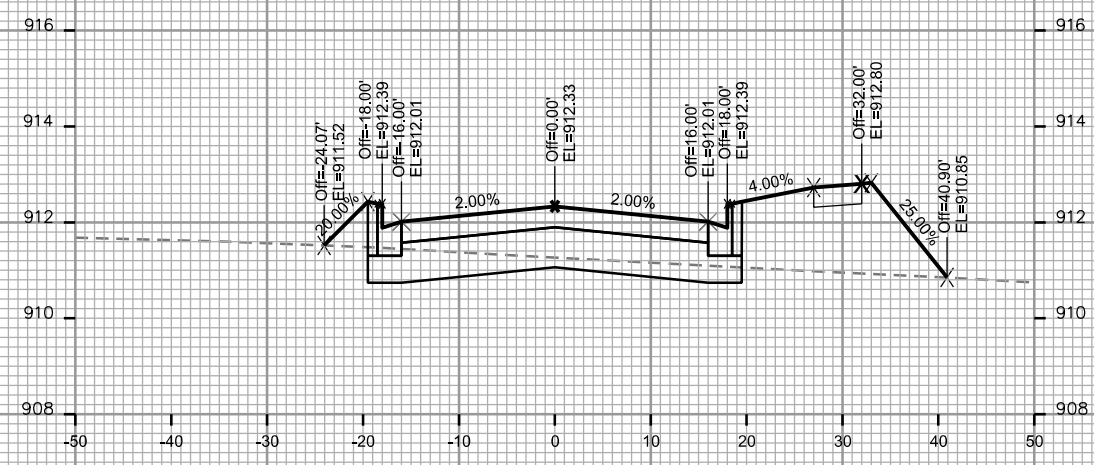
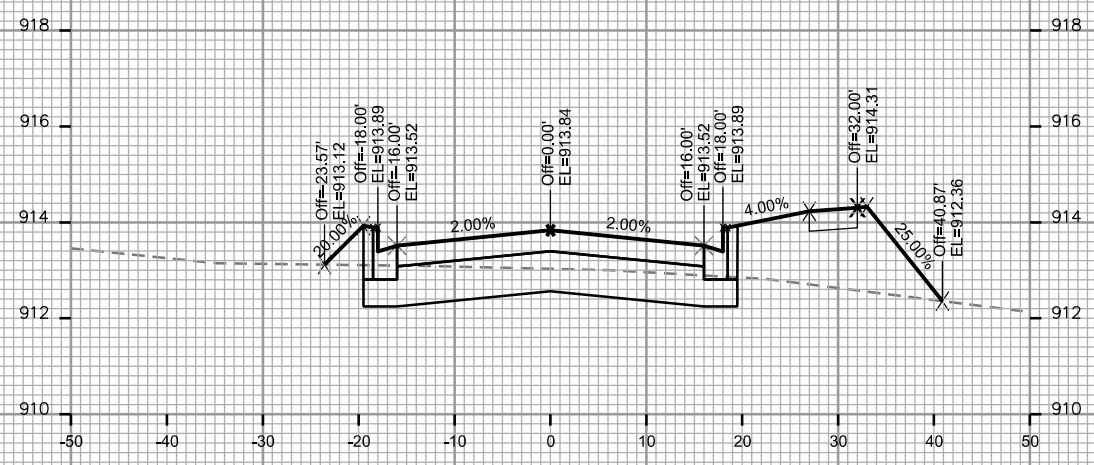
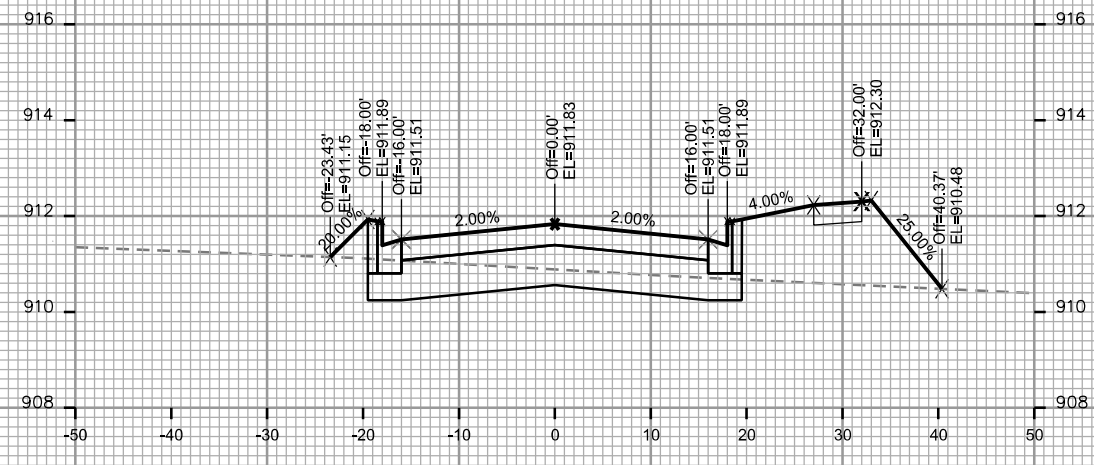
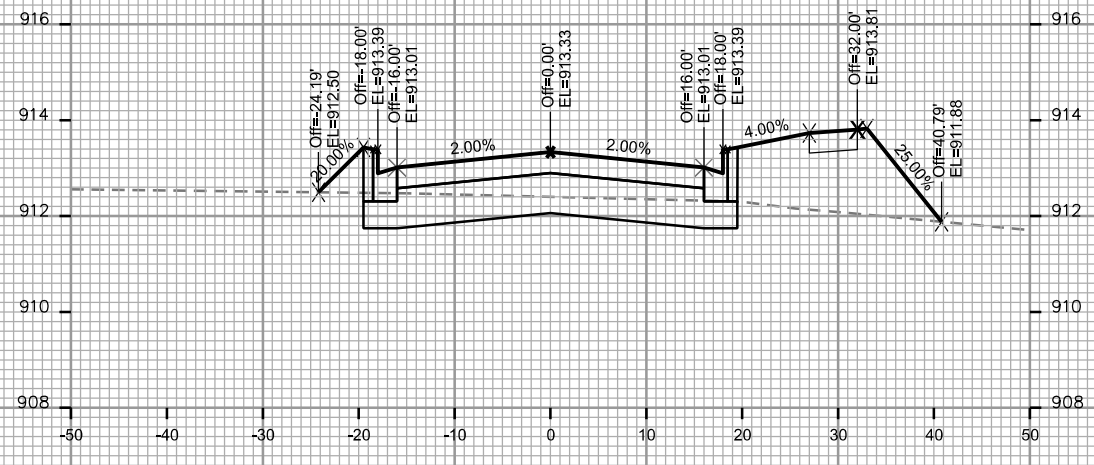
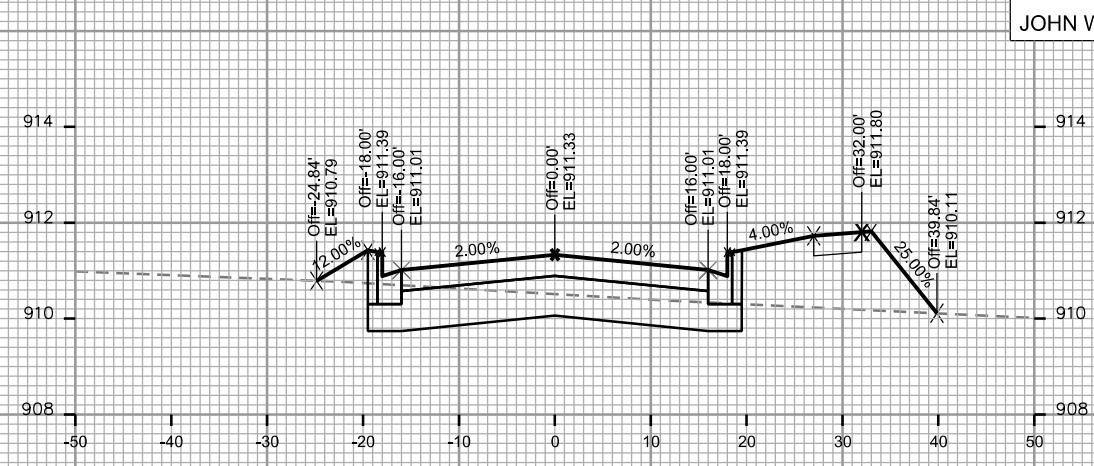
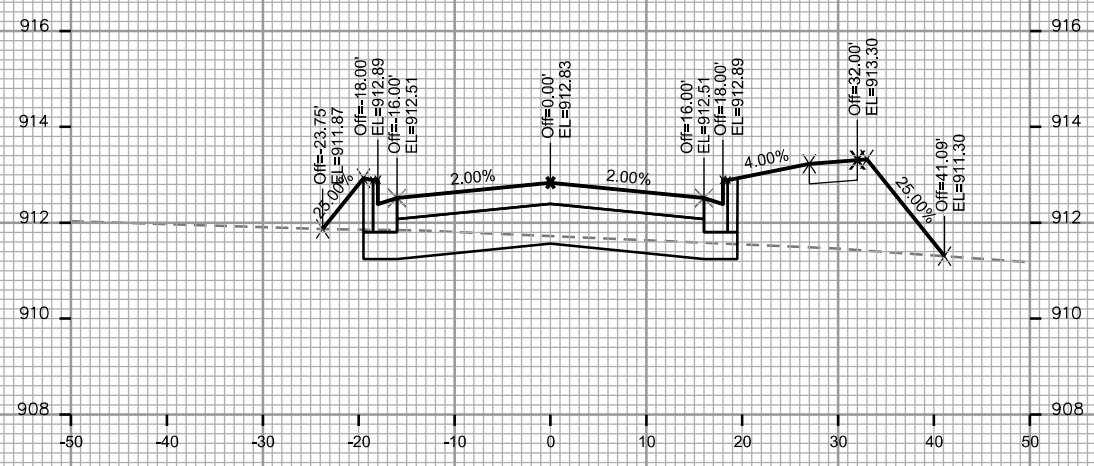
PLOT SCALE: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON - STREETS DIVISION

CROSS SECTIONS  
JOHN WALL DRIVE CITY OF MADISON



PLOT SCALE: \_\_\_\_\_

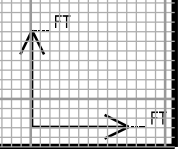
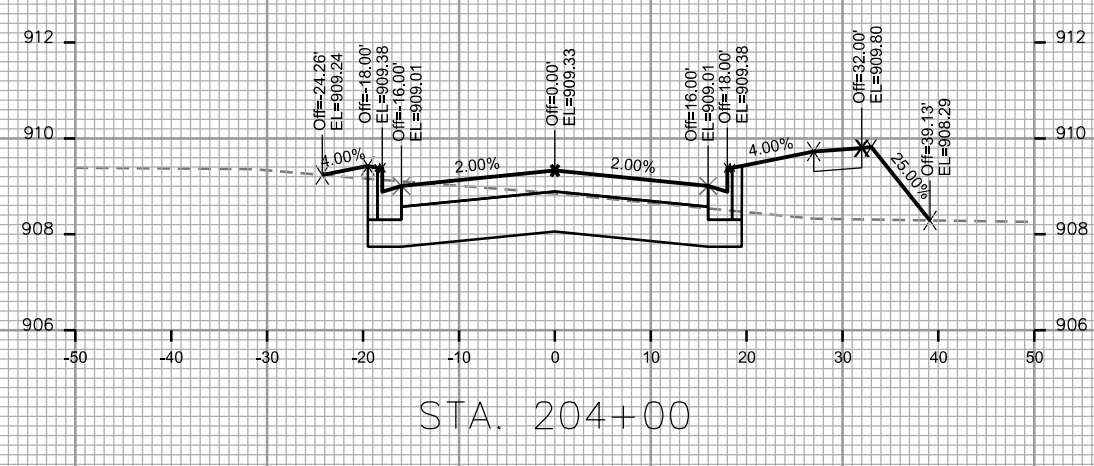
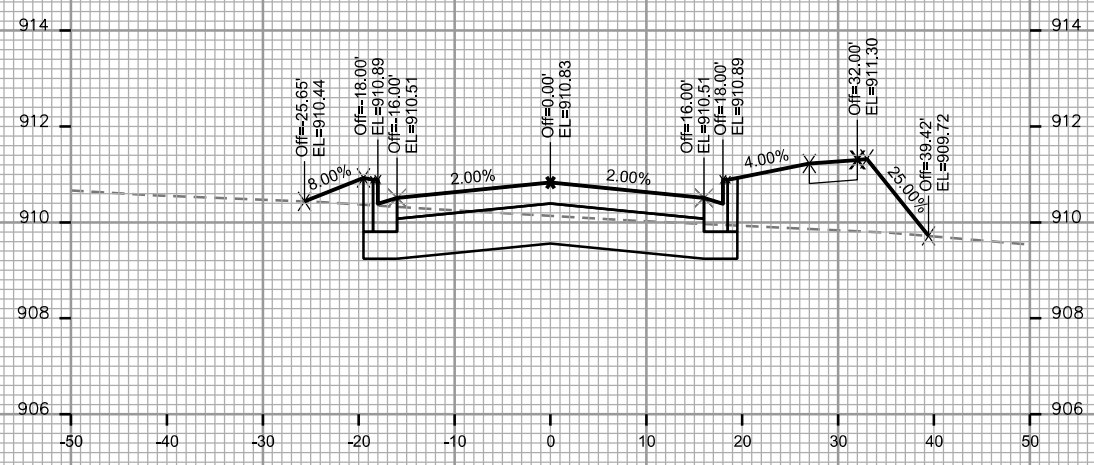
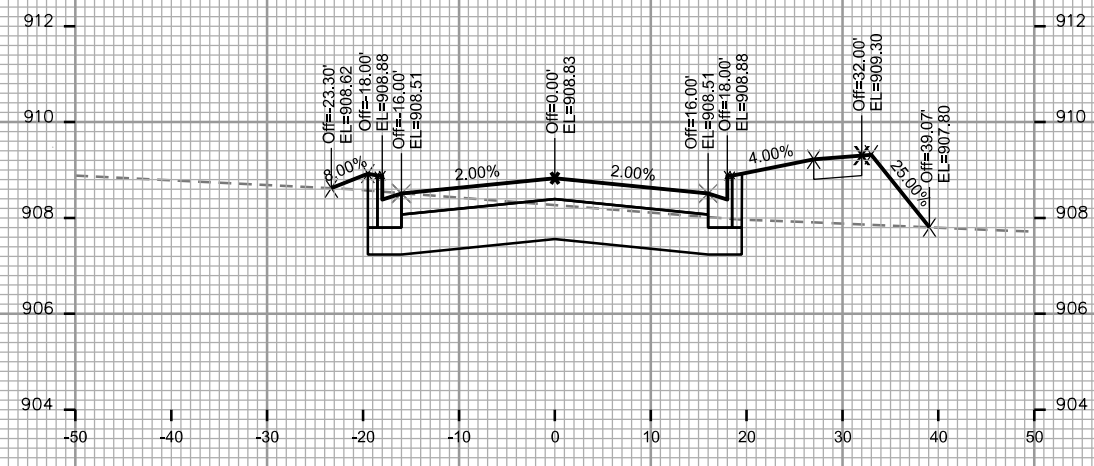
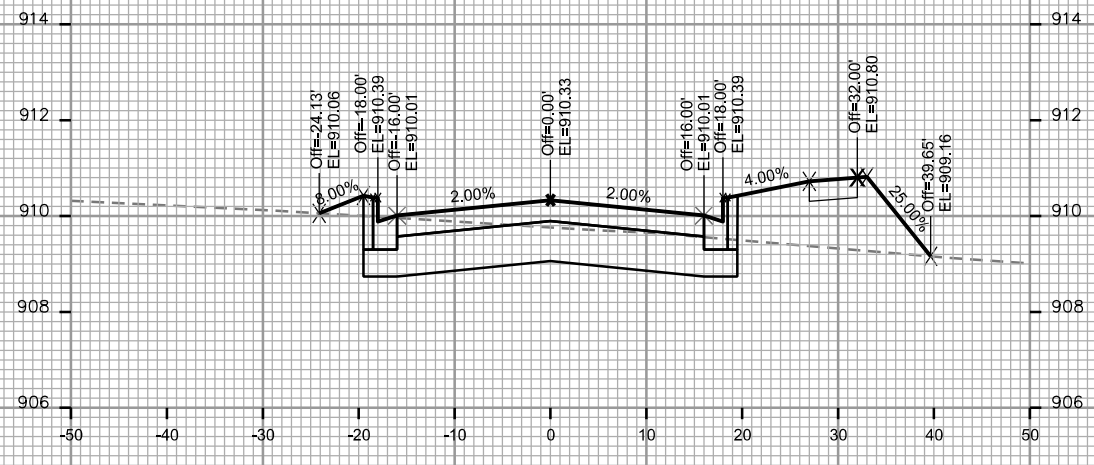
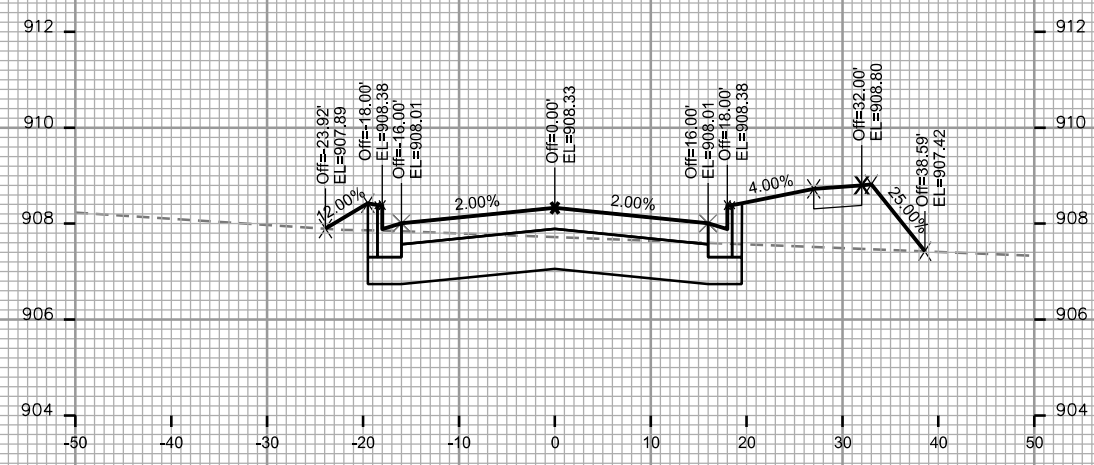
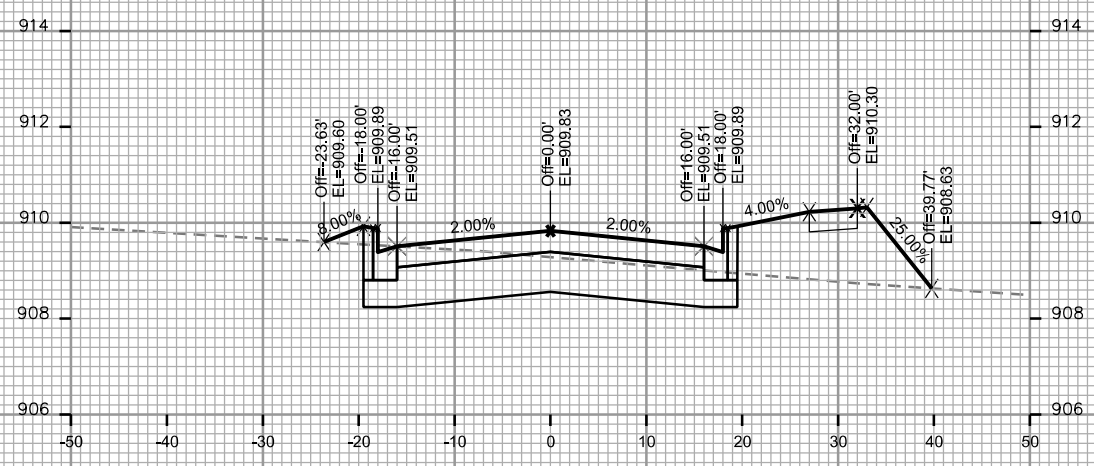
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ORIGINATOR: CITY OF MADISON - STREETS DIVISION



CROSS SECTIONS  
JOHN WALL DRIVE CITY OF MADISON



PLOT SCALE: \_\_\_\_\_

PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

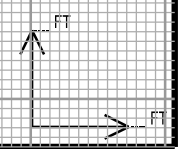
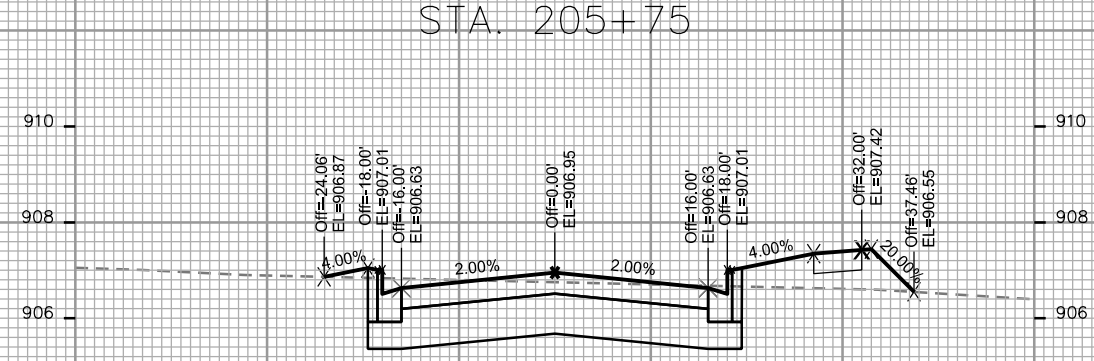
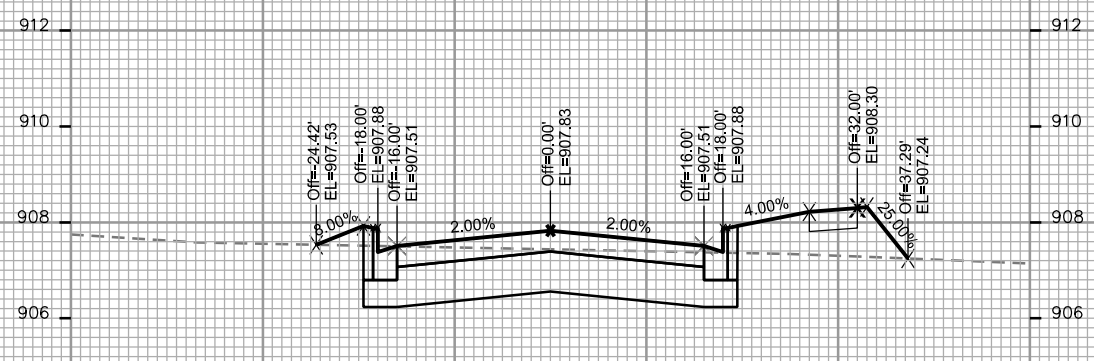
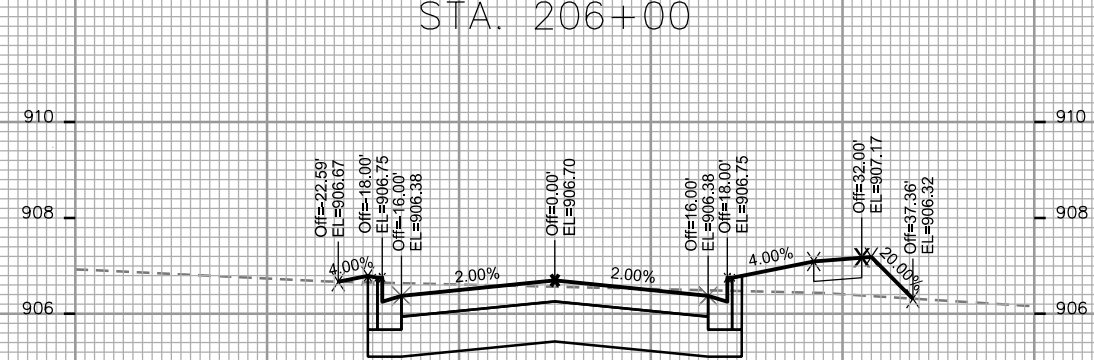
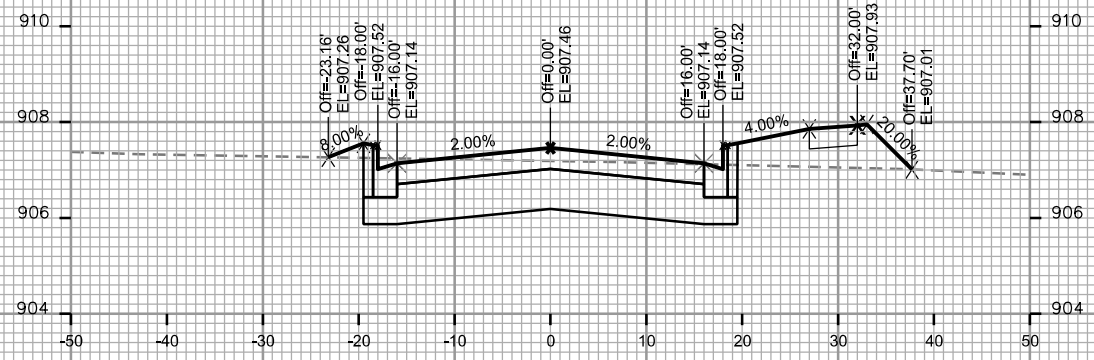
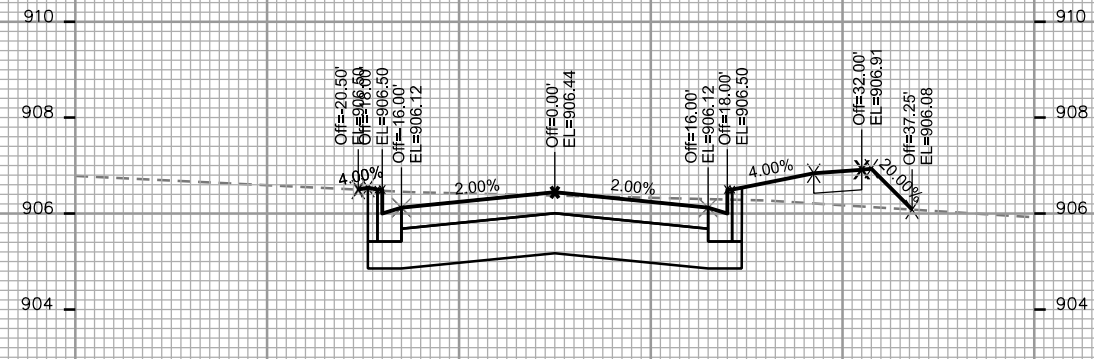
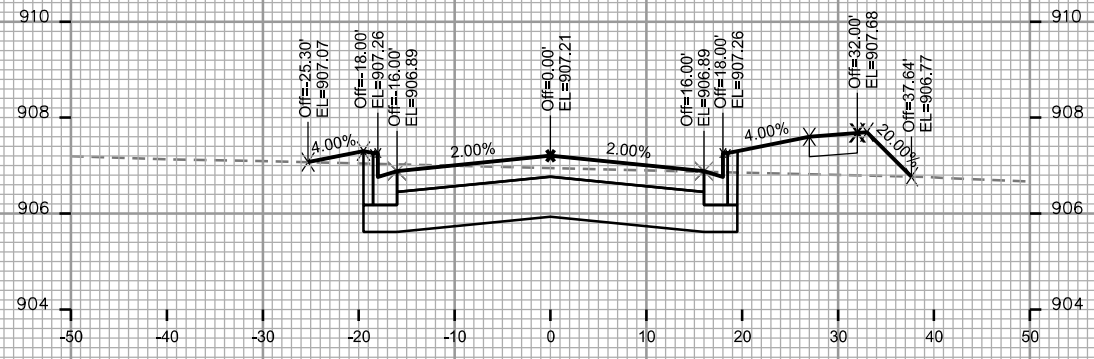
CROSS SECTIONS  
JOHN WALL DRIVE CITY OF MADISON

PLOT SCALE: \_\_\_\_\_

PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

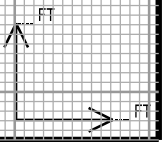
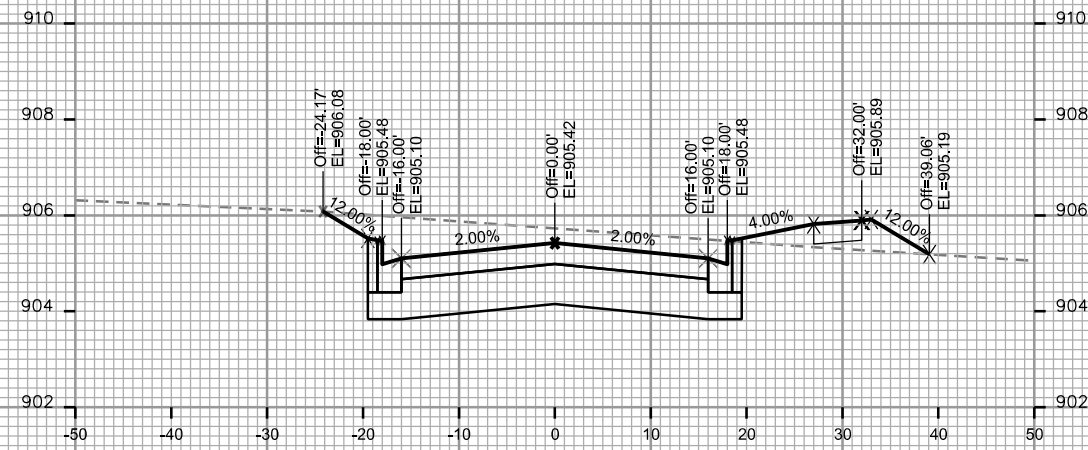
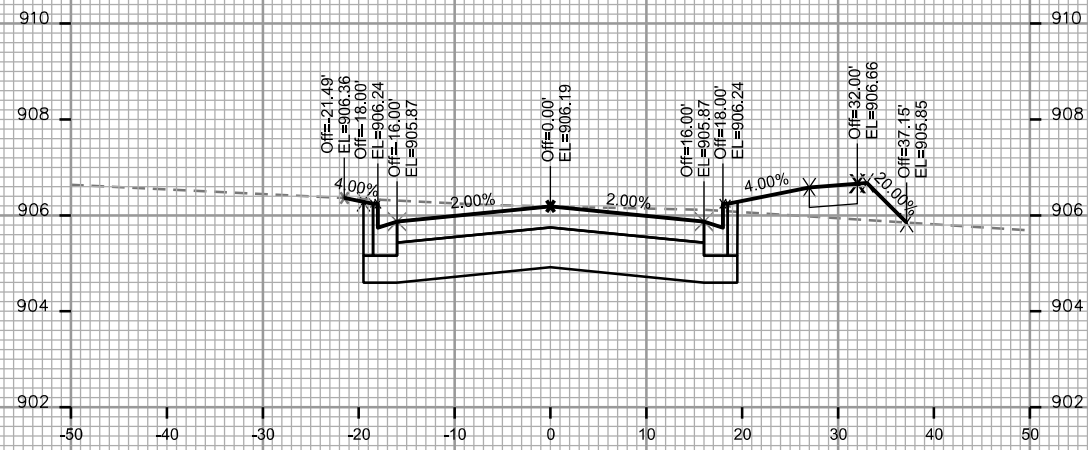
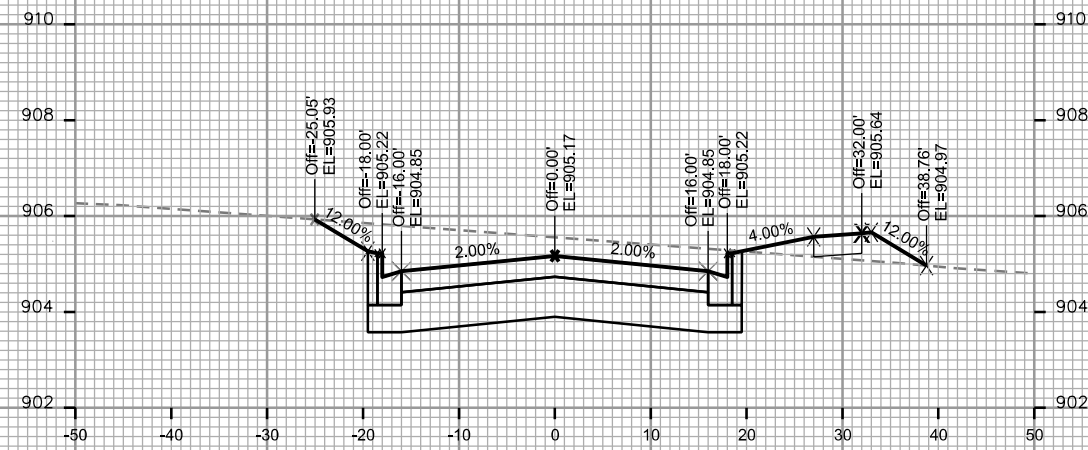
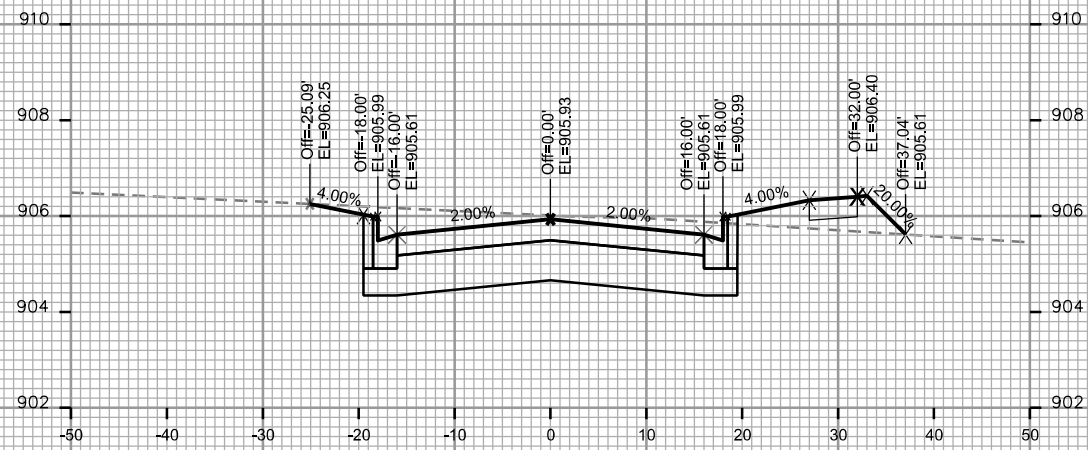
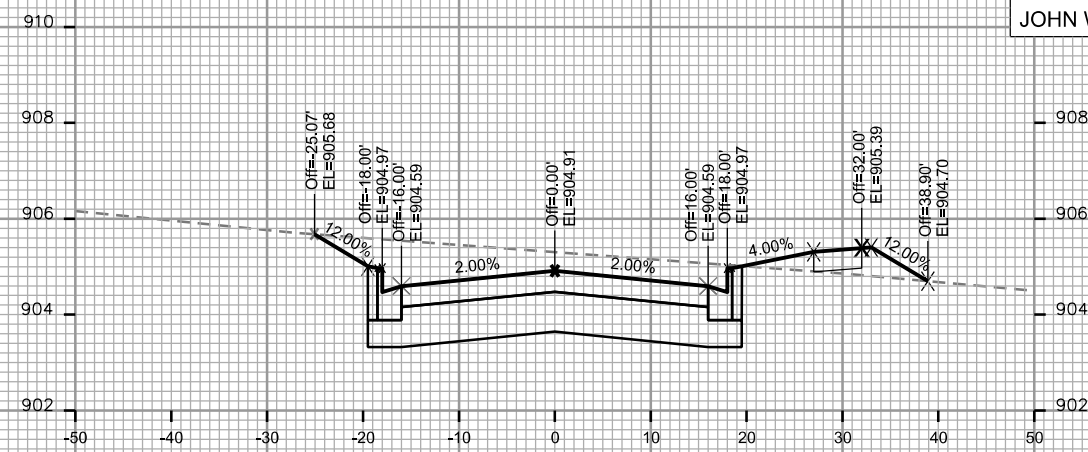
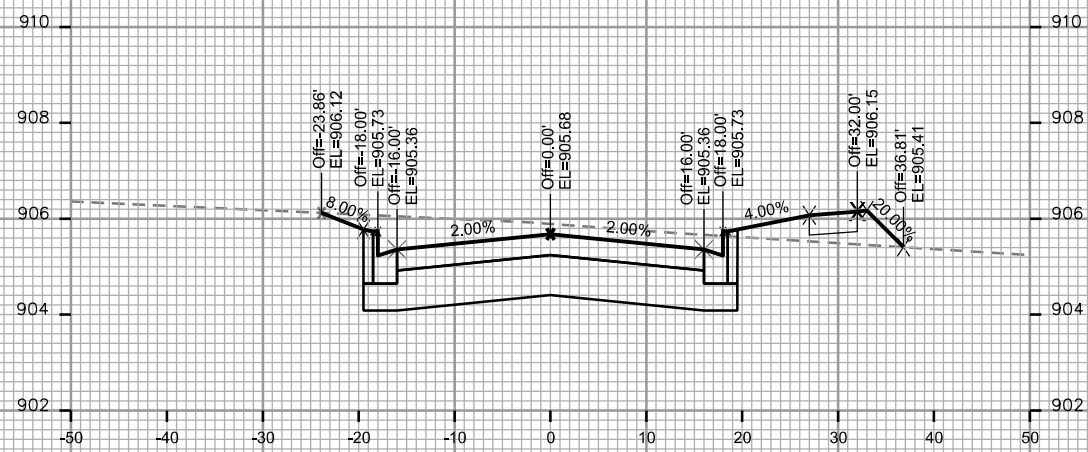
ORIGINATOR: CITY OF MADISON - STREETS DIVISION



CROSS SECTIONS

JOHN WALL DRIVE

CITY OF MADISON



PLOT SCALE: \_\_\_\_\_

PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON - STREETS DIVISION

CROSS SECTIONS

JOHN WALL DRIVE

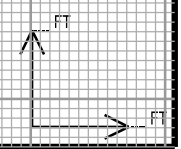
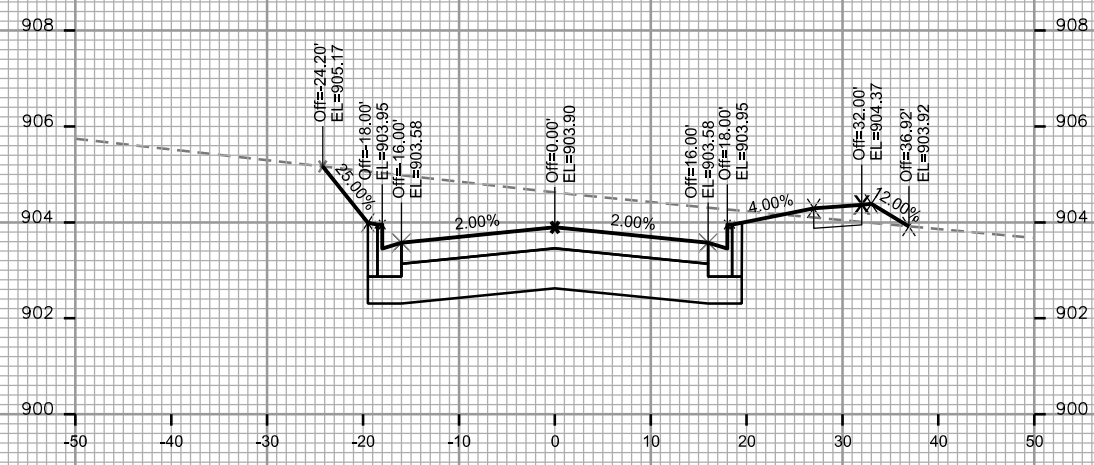
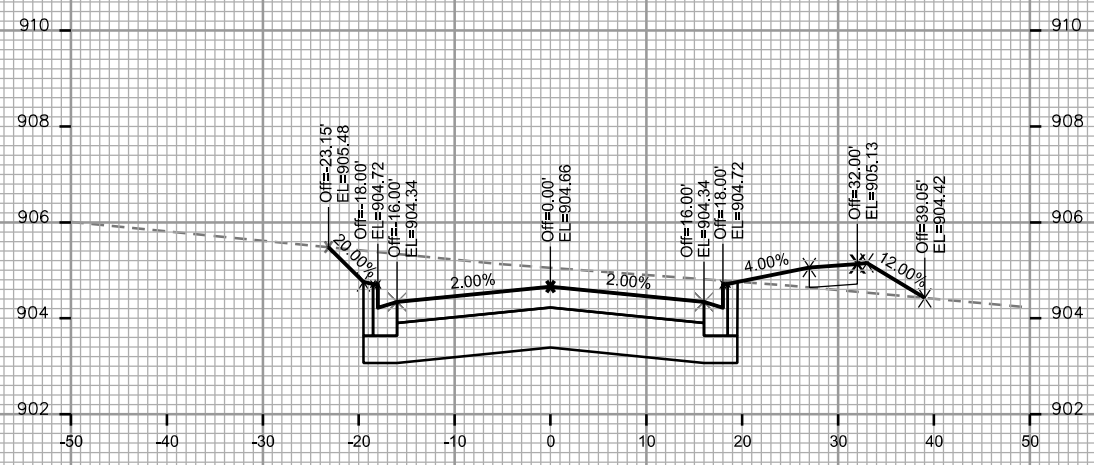
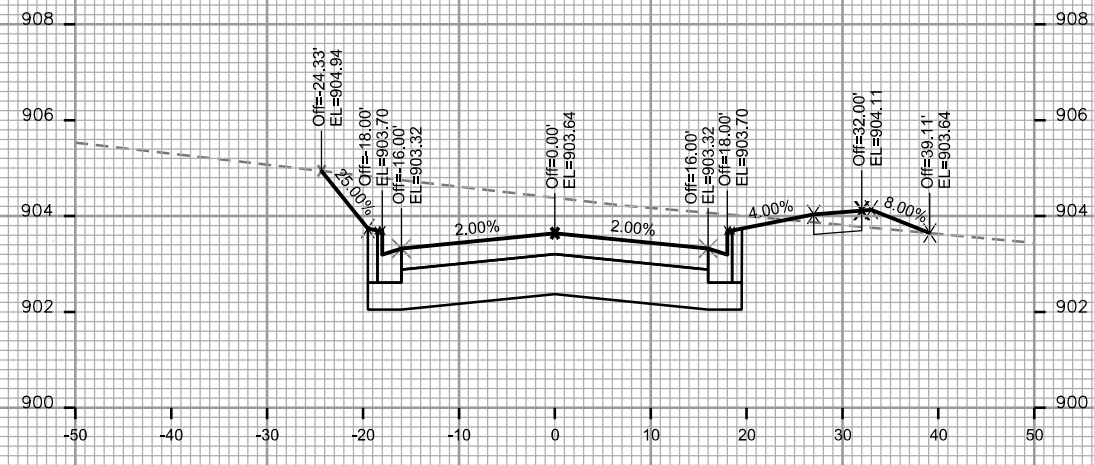
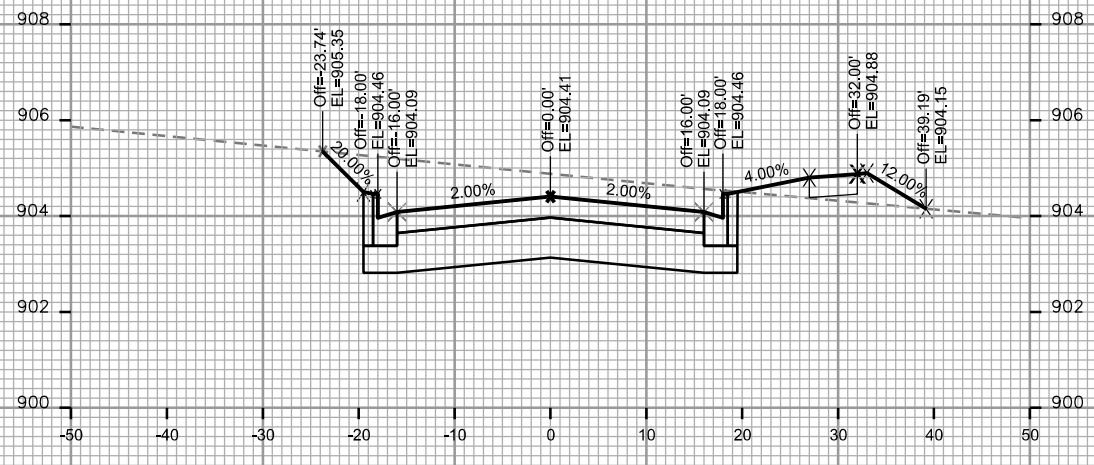
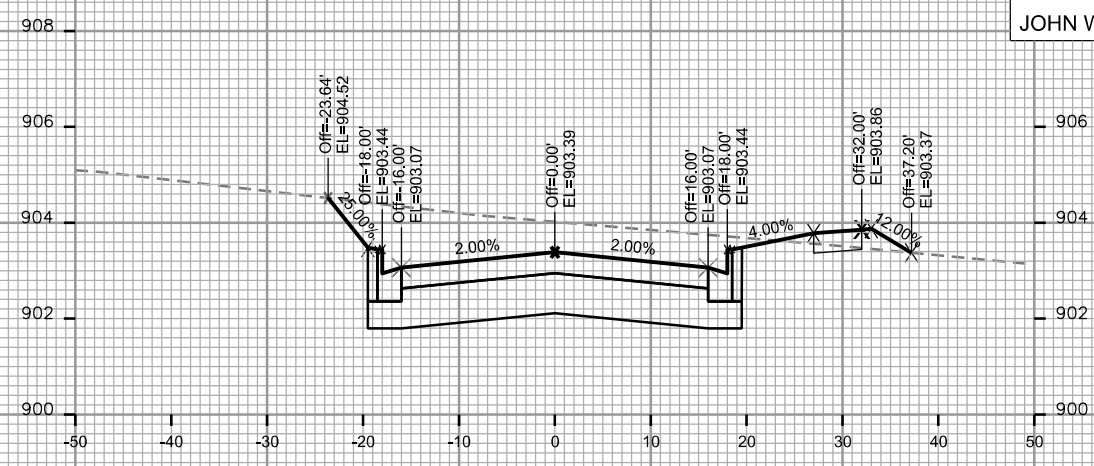
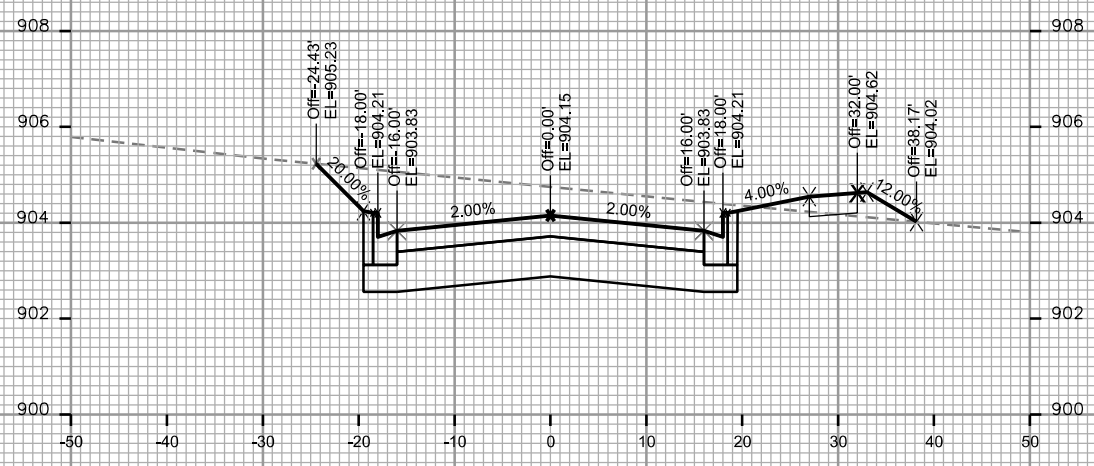
CITY OF MADISON

PLOT SCALE: \_\_\_\_\_

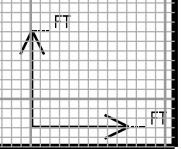
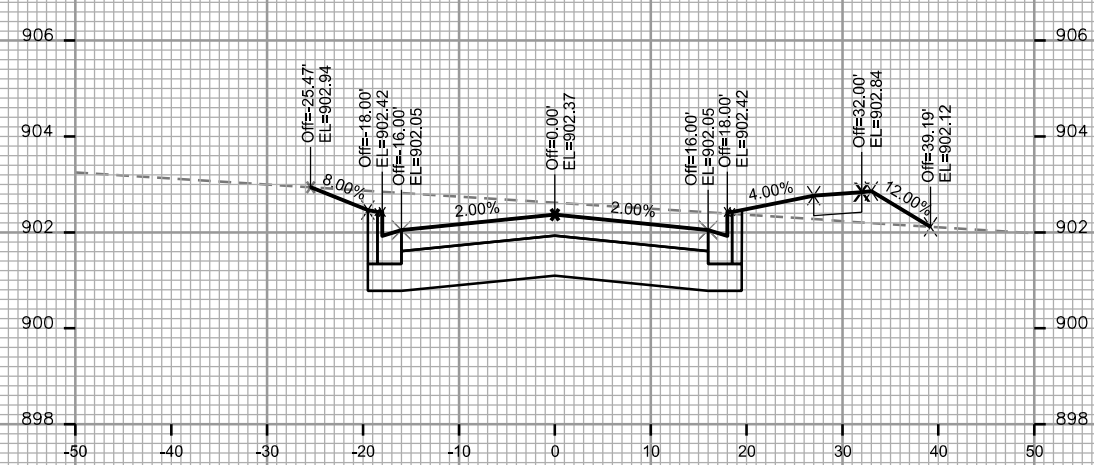
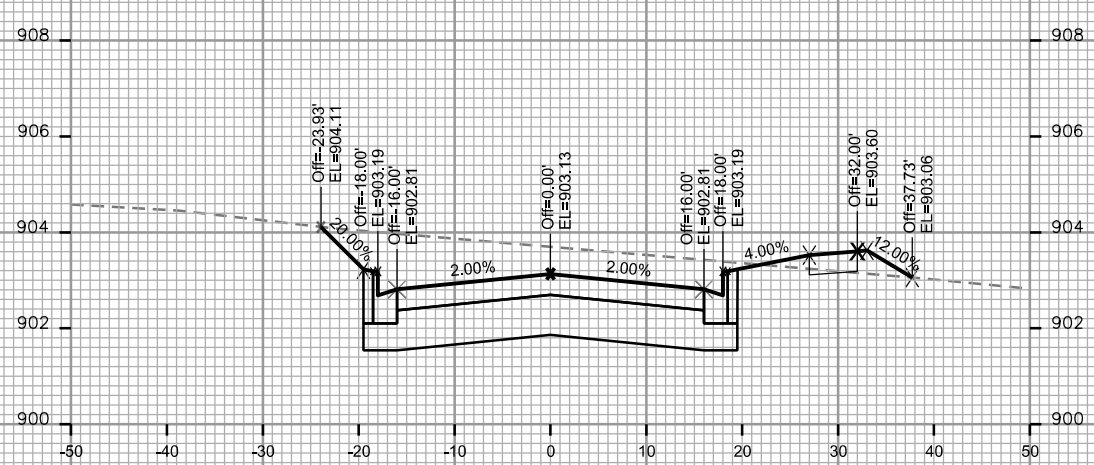
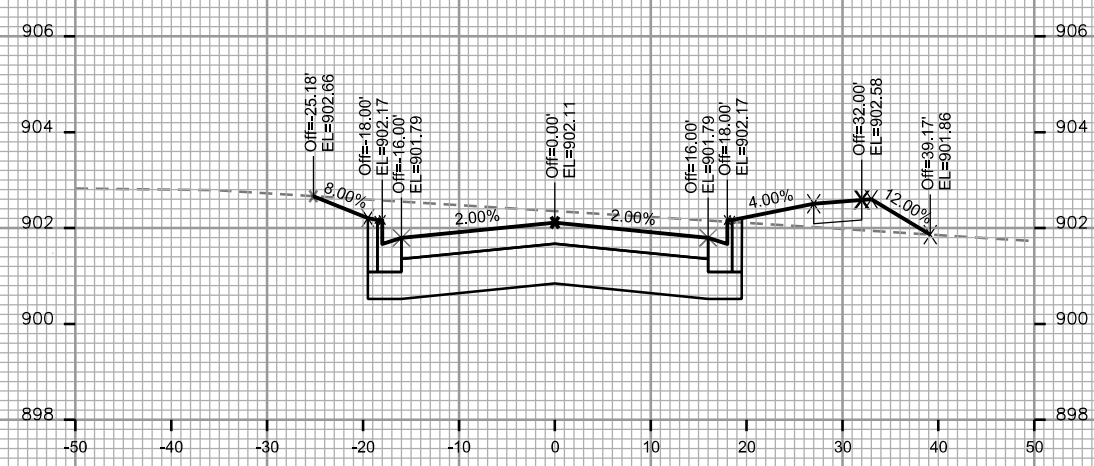
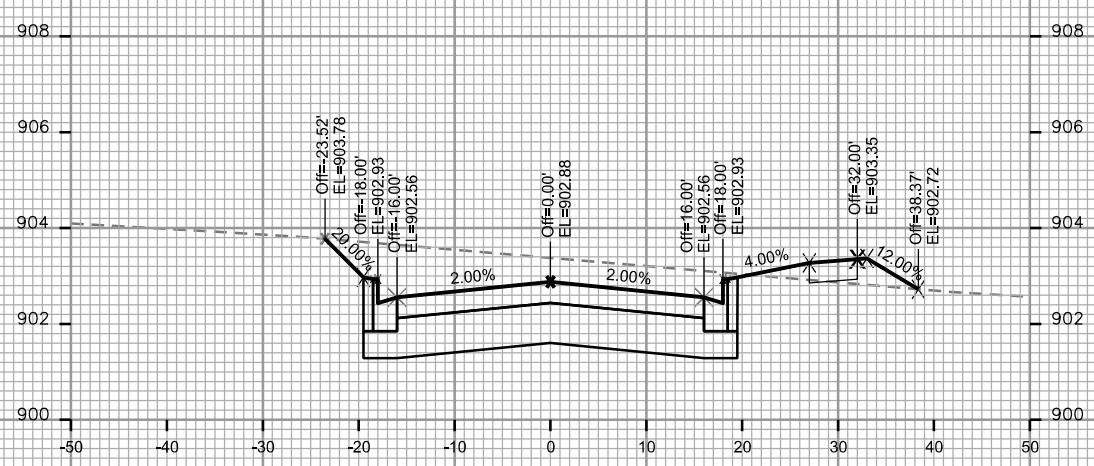
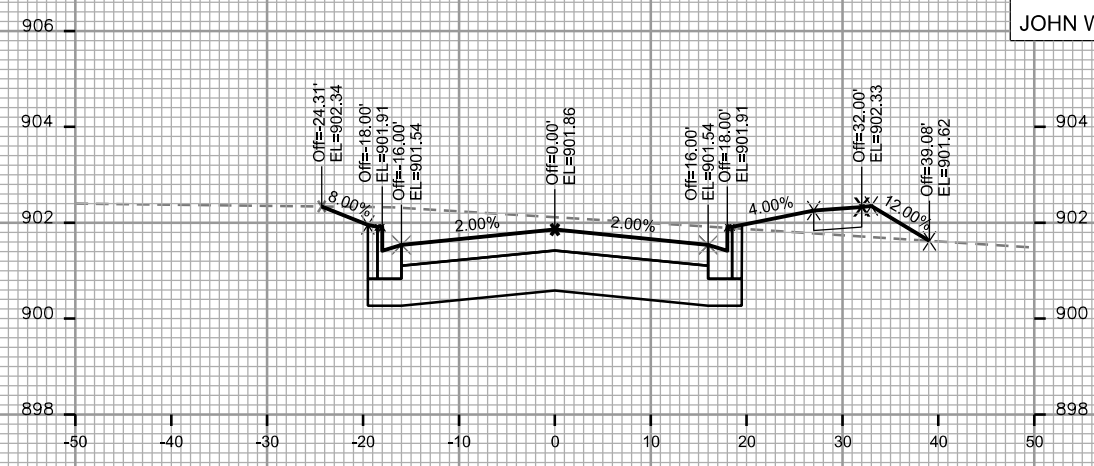
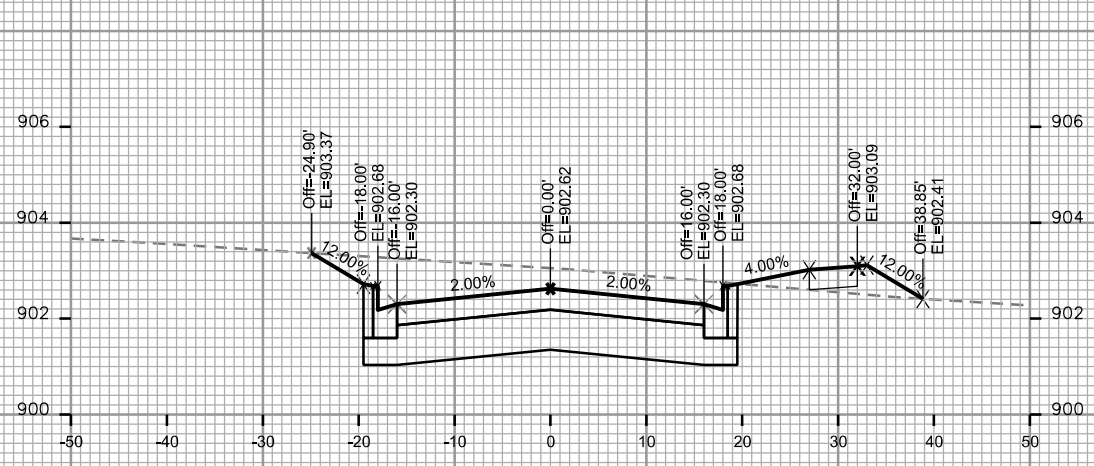
PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



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 JOHN WALL DRIVE CITY OF MADISON



PLOT SCALE: \_\_\_\_\_

PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON - STREETS DIVISION

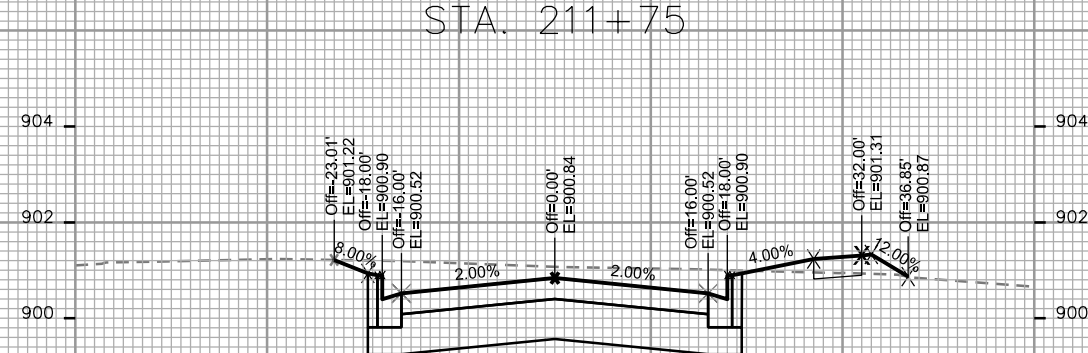
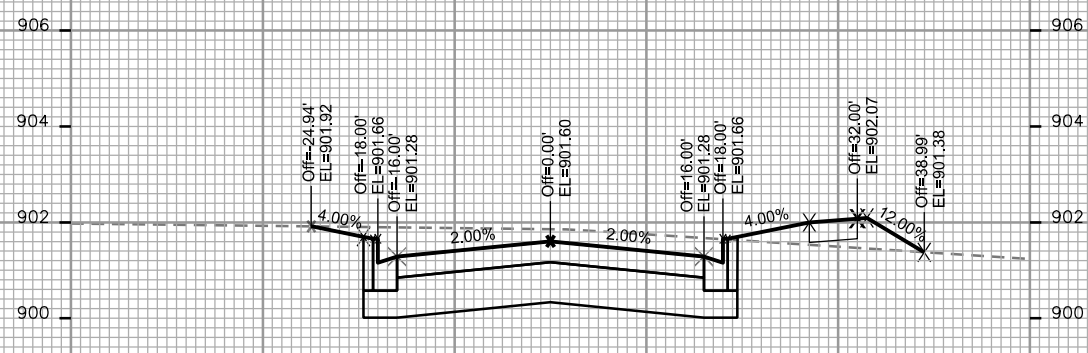
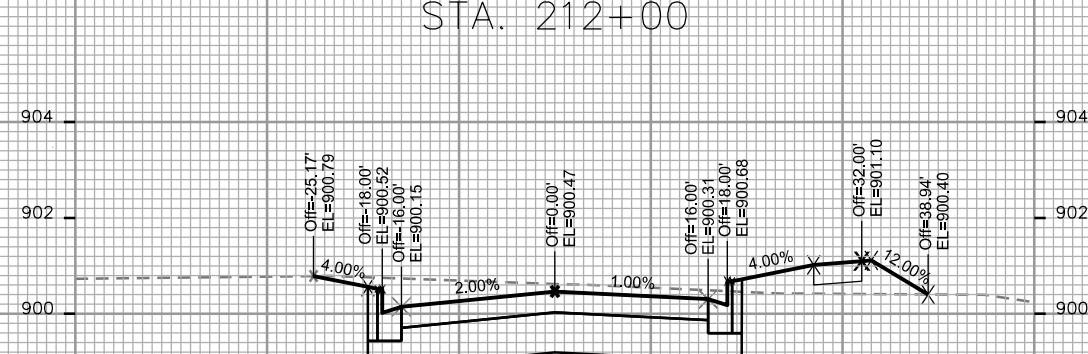
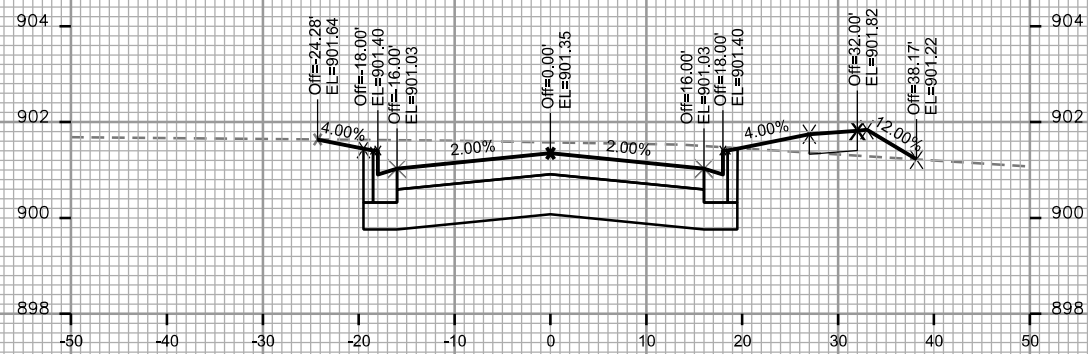
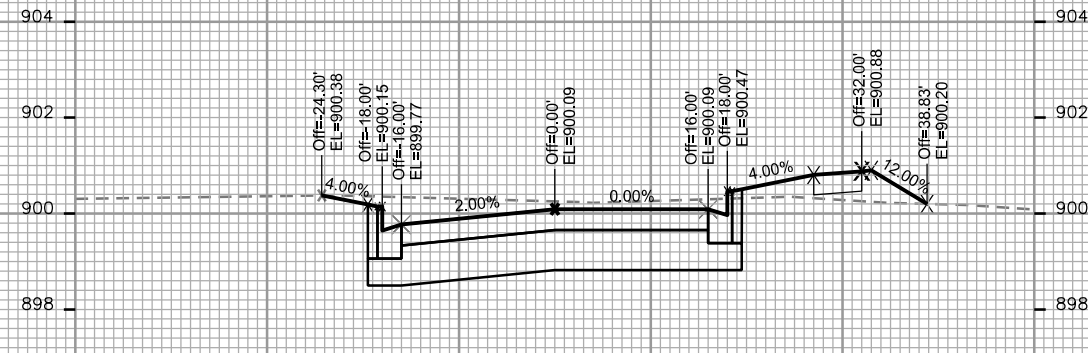
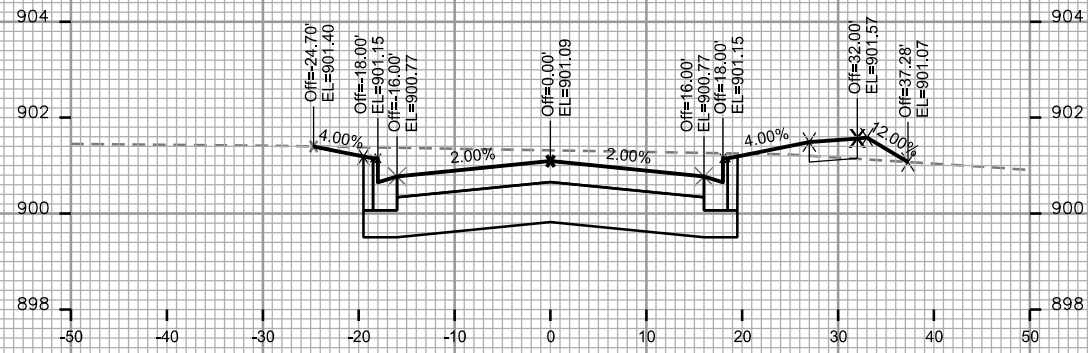
CROSS SECTIONS  
JOHN WALL DRIVE CITY OF MADISON

PLOT SCALE: \_\_\_\_\_

PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON - STREETS DIVISION



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JOHN WALL DRIVE

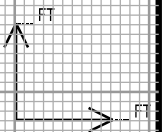
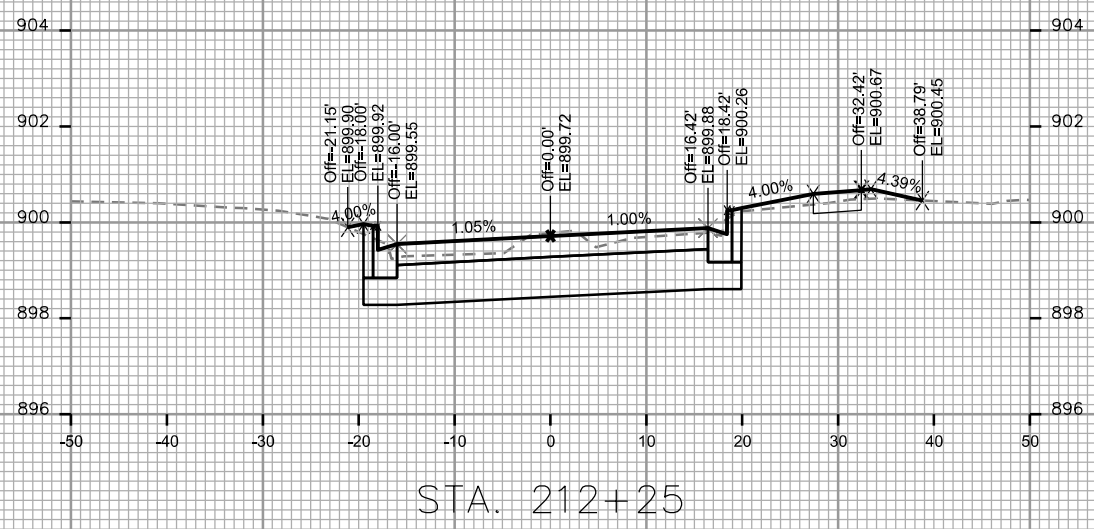
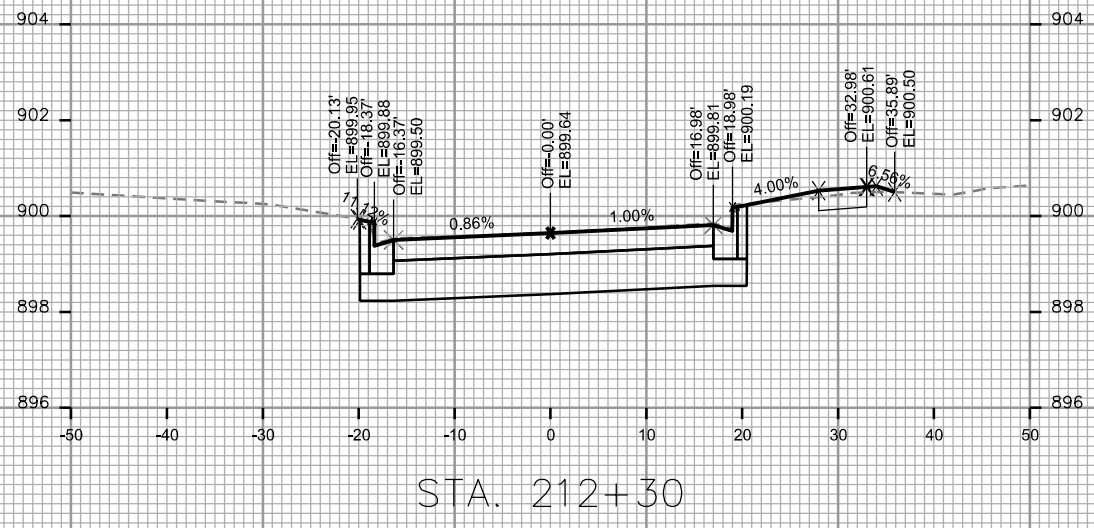
CITY OF MADISON

PLOT SCALE: \_\_\_\_\_

PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON - STREETS DIVISION



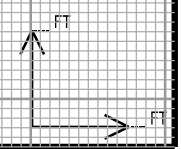
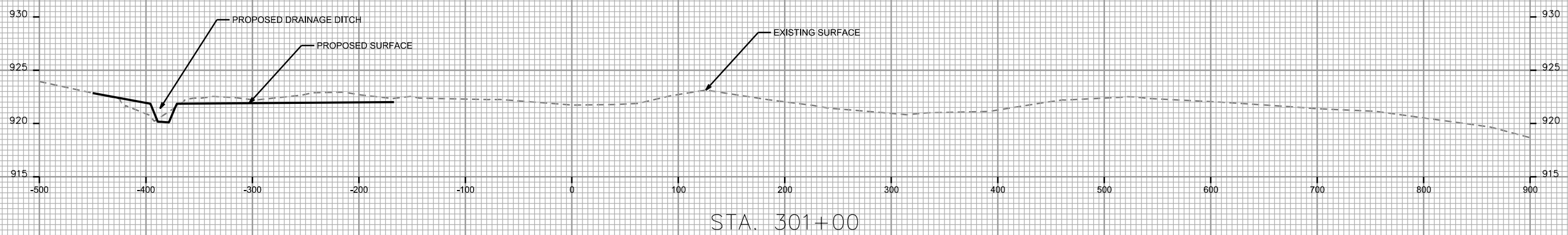
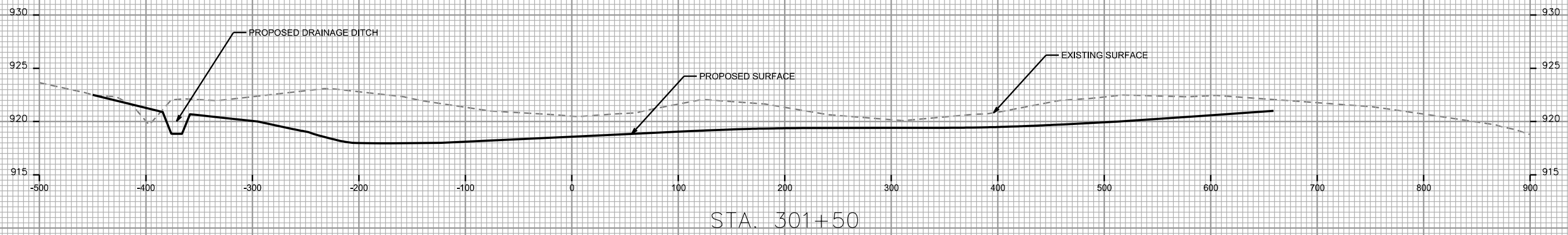
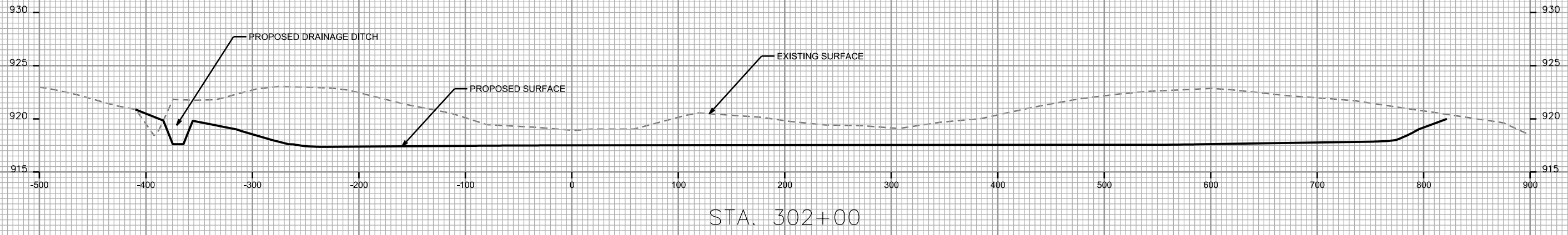
NOTES:  
 1. ASSUME A TOPSOIL DEPTH OF 18".  
 2. SEE MASS GRADING PLAN FOR MORE INFORMATION.

PLOT SCALE: \_\_\_\_\_

PLOT NAME: \_\_\_\_\_

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ORIGINATOR: CITY OF MADISON - STREETS DIVISION





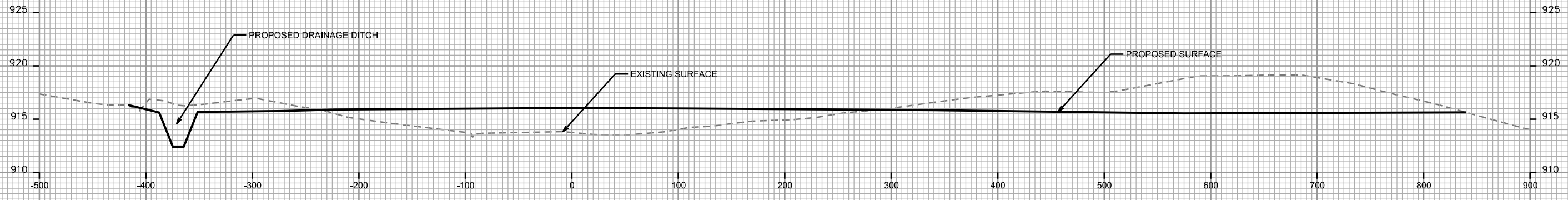
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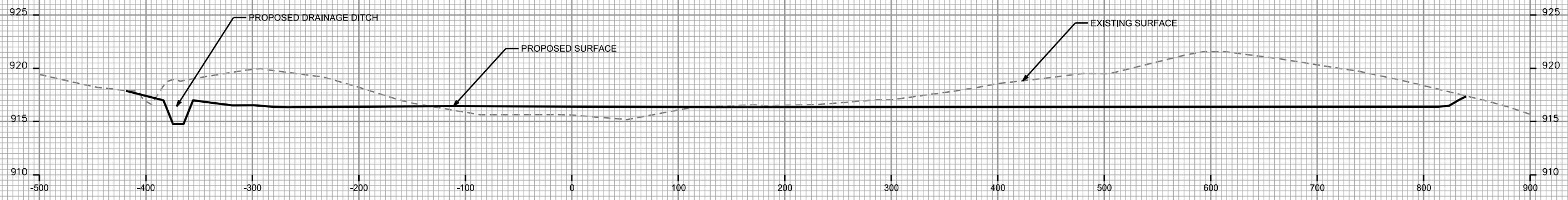
PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON - STREETS DIVISION



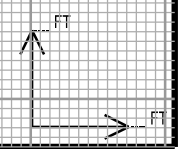
STA. 303+50



STA. 303+00



STA. 302+50



CROSS SECTIONS

MASS GRADING

CITY OF MADISON

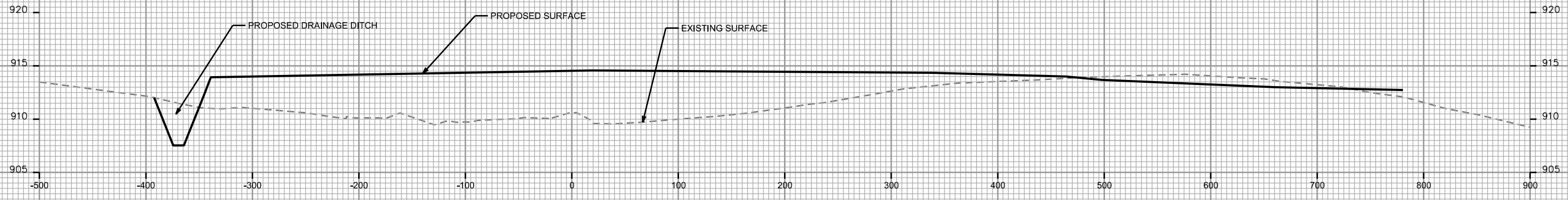
NOTES:  
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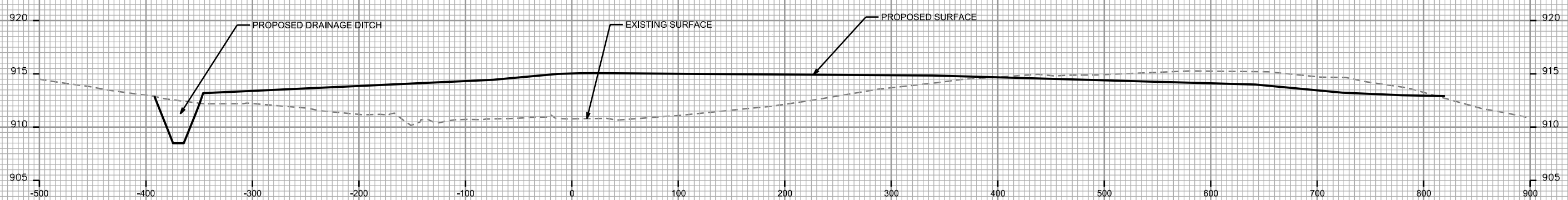
PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

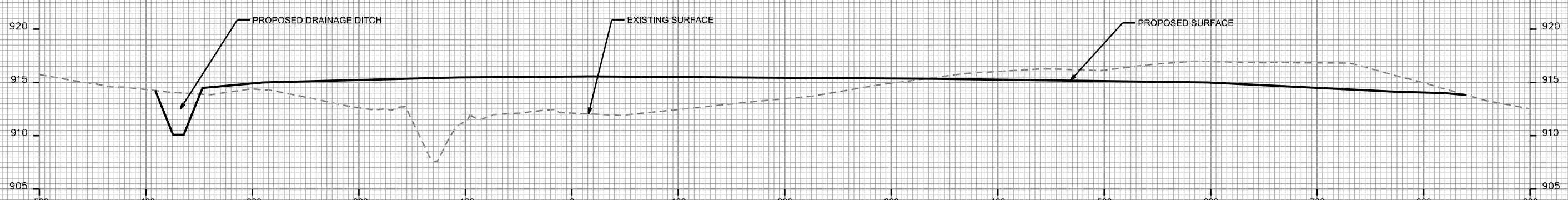
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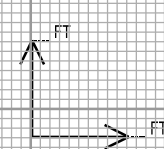
STA. 305+00



STA. 304+50



STA. 304+00



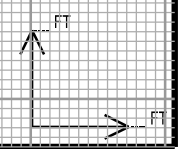
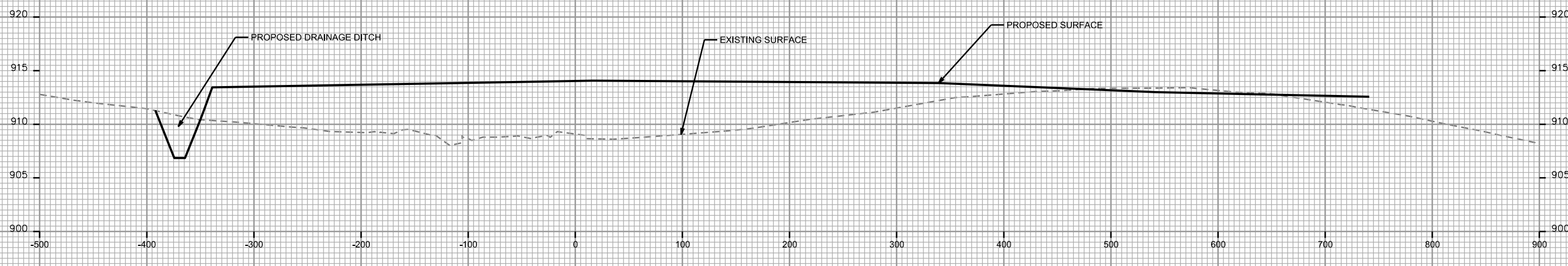
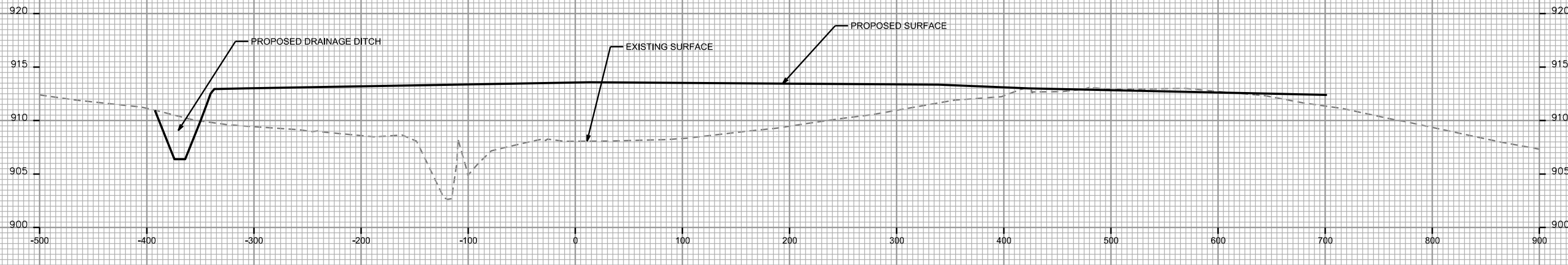
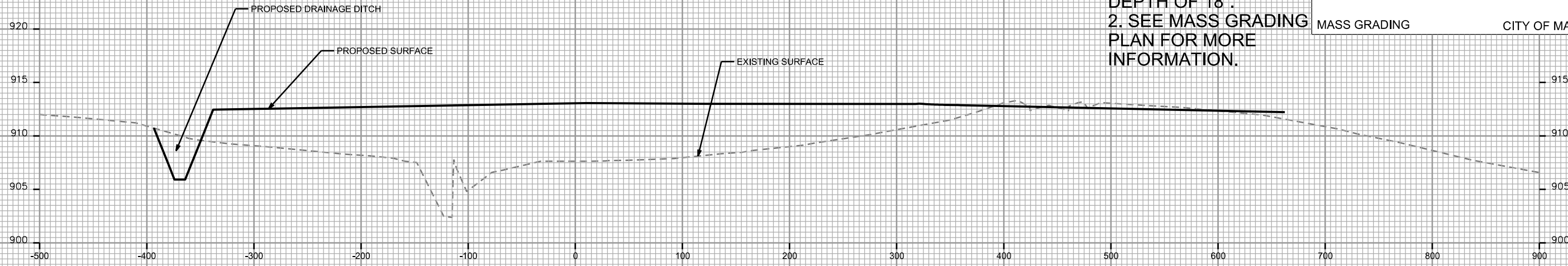
NOTES:  
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ORIGINATOR: CITY OF MADISON - STREETS DIVISION



CROSS SECTIONS

MASS GRADING

CITY OF MADISON

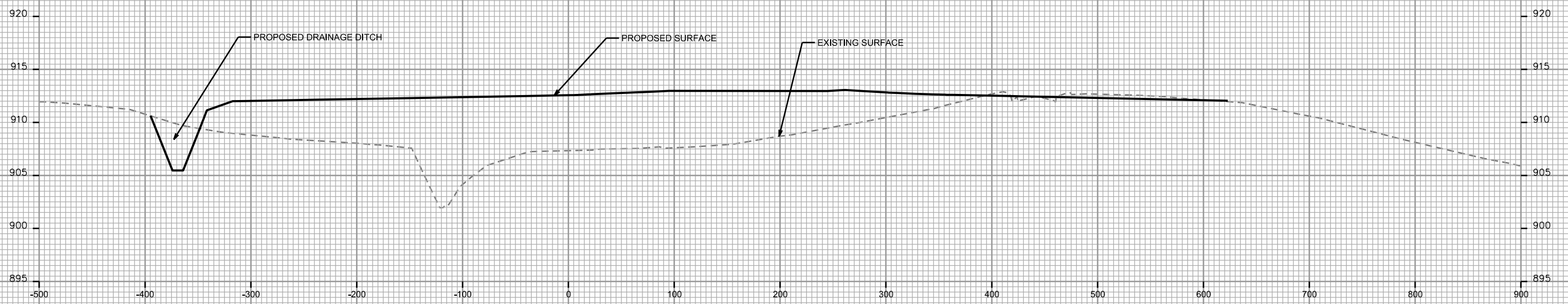
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ORIGINATOR: CITY OF MADISON - STREETS DIVISION



STA. 307+00

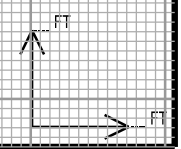
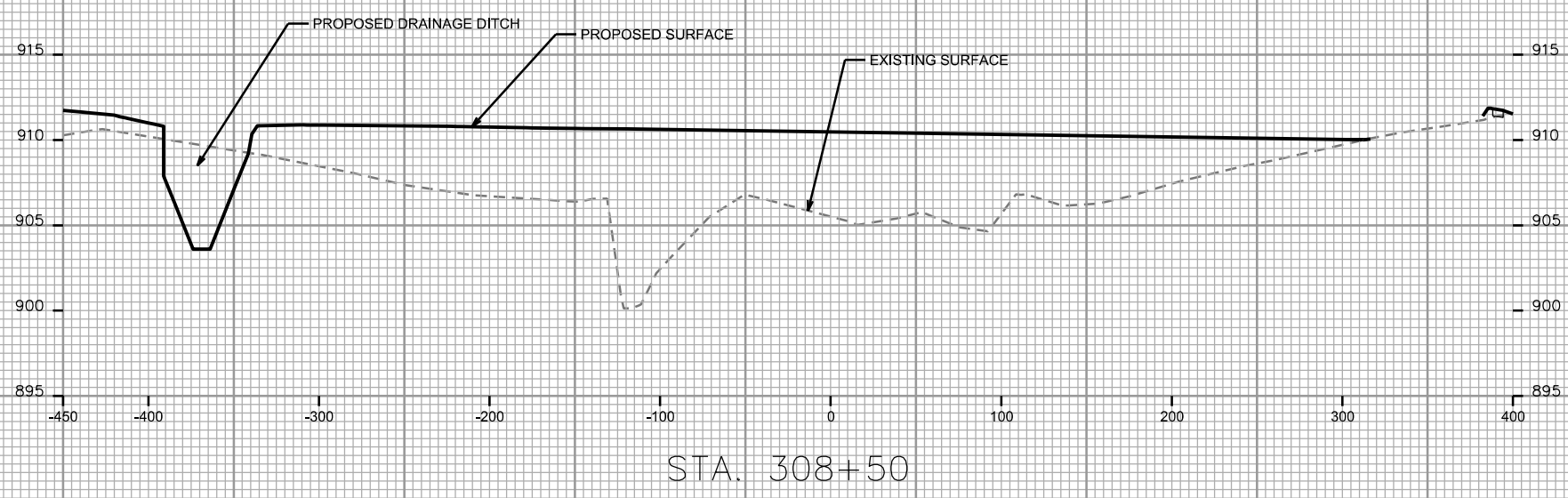
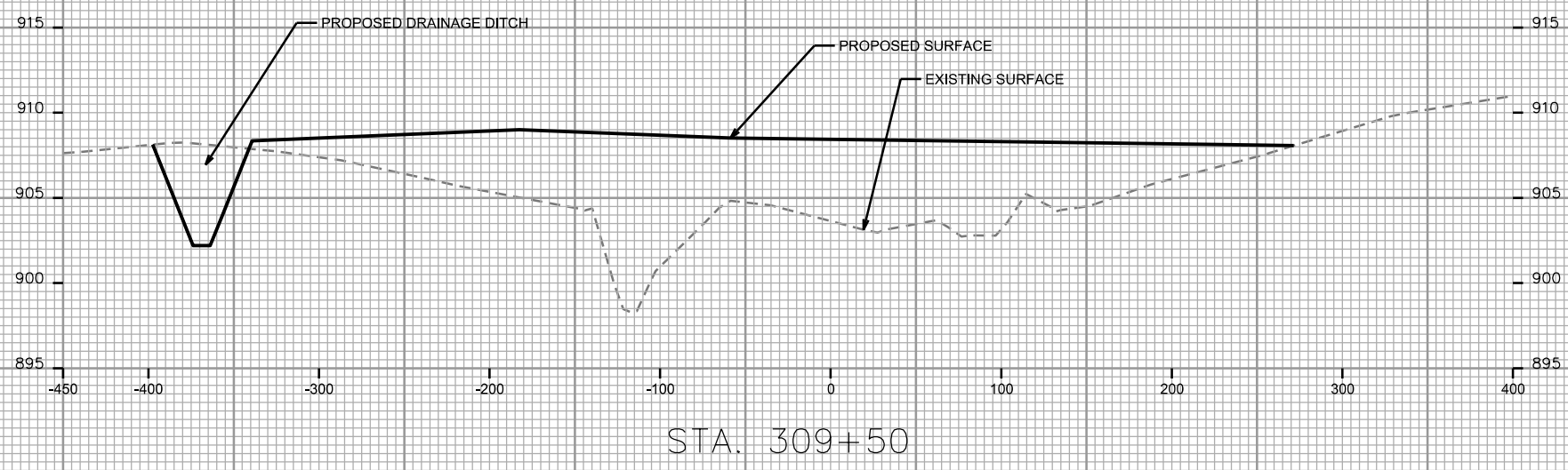
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ORIGINATOR: CITY OF MADISON - STREETS DIVISION



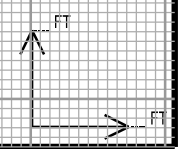
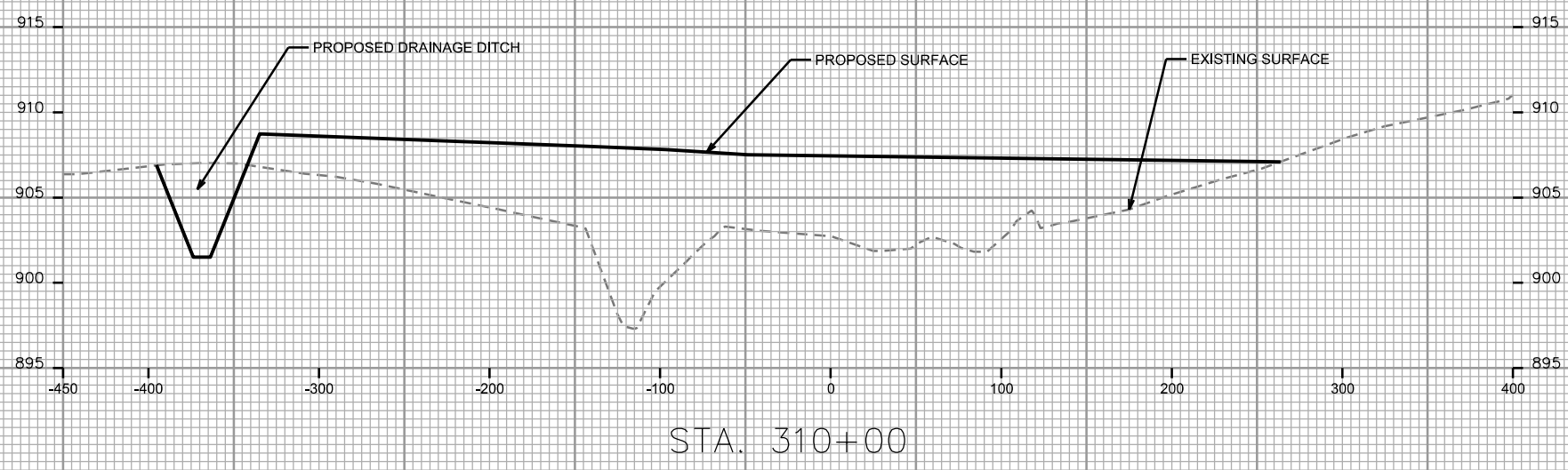
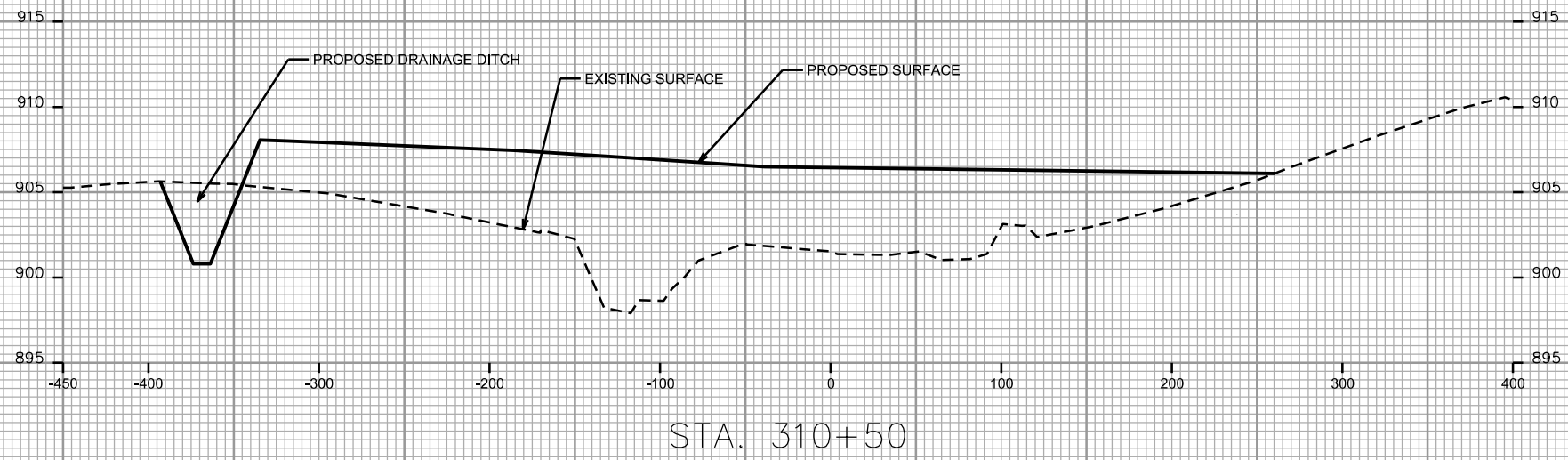
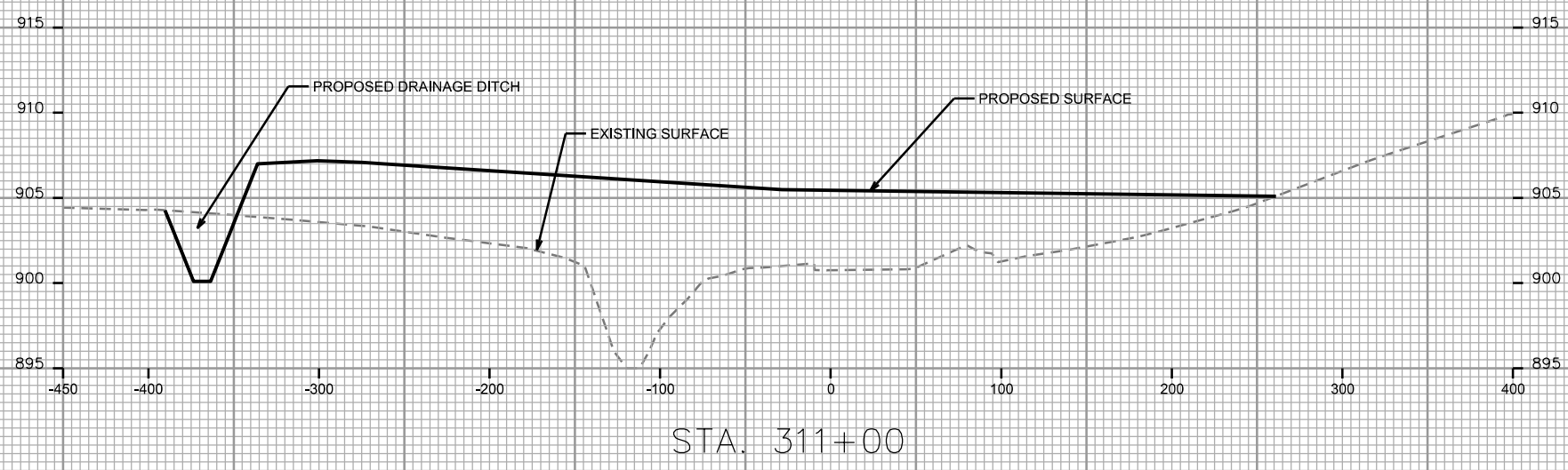
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