

Madison, Wisconsin

CITY OF MADISON

CITY ENGINEERING DIVISION
DEPARTMENT OF PUBLIC WORKS

PLAN OF PROPOSED IMPROVEMENT

JENIFER STREET, S. PATERSON STREET,
S. BREARLY STREET, AND S. FEW STREET
RECONSTRUCTION ASSESSMENT DISTRICT - 2015

CITY PROJECT NO. 53W1507

MUNIS NO. 10214

CITY CONTRACT NO. 7407

PUBLIC IMPROVEMENT PROJECT APPROVED

FEBRUARY 23, 2016

BY THE COMMON COUNCIL OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN APPROVED BY:

[Signature] 3/25/16
City Engineer Date

STREET DESIGNED BY:
[Signature]
LISAR COLEMAN
E-37708
MADISON WI
3/22/16
PROFESSIONAL ENGINEER

SANITARY SEWER DESIGNED BY:
[Signature]
MADISON WI
3/25/16

STORM SEWER DESIGNED BY:
[Signature]
ERIC L. DUNDEE
E-40126
SUN PRAIRIE WI
03-25-2016
PROFESSIONAL ENGINEER

PAVEMENT MARKING DESIGNED BY:
[Signature]
THOMAS A. MOHR
E-42481
MADISON WI
3/18/16
PROFESSIONAL ENGINEER

WATER DESIGNED BY:
[Signature]
KELLY B. MIESS
E-41821
MADISON WI
3-22-16
PROFESSIONAL ENGINEER

INDEX OF SHEETS

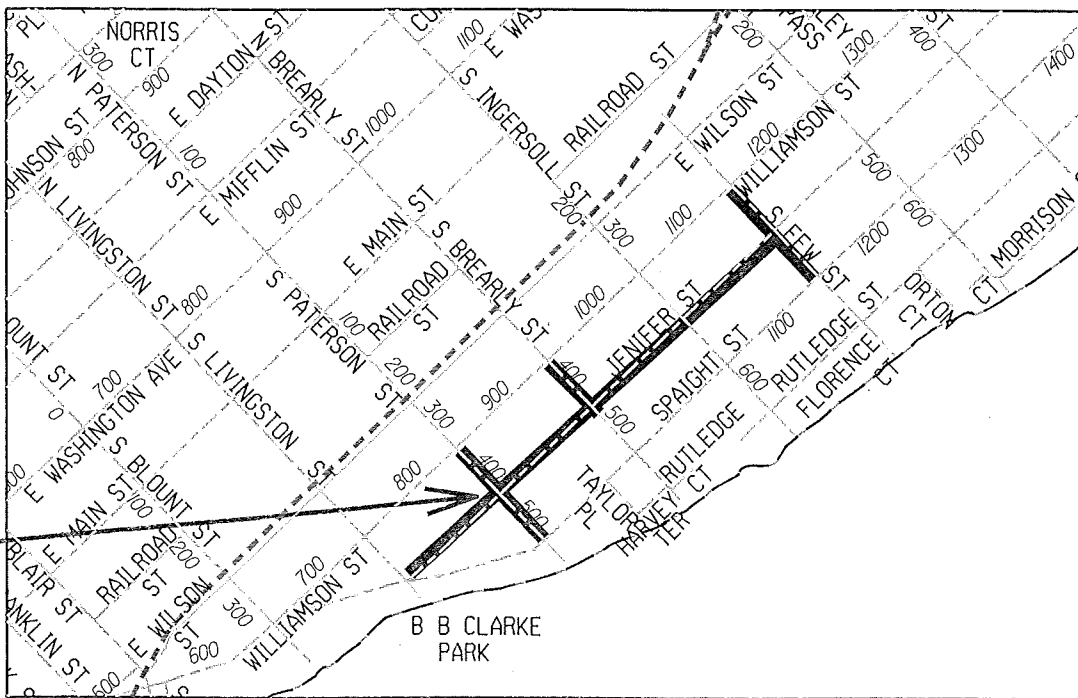
| SHEET NO. | TITLE |
|-----------|--------------------------------|
| 1 | DETAILS |
| D1 | EROSION CONTROL PLANS |
| EC1-EC11 | JENIFER STREET PLAN & PROF. |
| P1-P6 | PATERSON STREET PLAN & PROFILE |
| P7-P8 | BREARLY STREET PLAN & PROFILE |
| P9 | FEW STREET PLAN & PROFILE |
| P10-P11 | PAVEMENT MARKING PLANS |
| M1-M5 | SEWER PLAN & PROFILES |
| UI-UU | SEWER SCHEDULES |
| W1-W11 | WATER PLAN & PROFILE |
| W12-W14 | WATER IMPACT PLANS |
| W15 | WATER PLAN OVERVIEW |
| X1-X21 | JENIFER STREET CROSS SECTIONS |
| X22-X27 | PATERSON STREET CROSS SECTIONS |
| X28-X30 | BREARLY STREET CROSS SECTIONS |
| X31-X33 | FEW STREET CROSS SECTIONS |

SHEET No. RG-1
RAINGARDEN

CONVENTIONAL SIGNS

FIELD VERIFY ALL UTILITY LOCATIONS

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



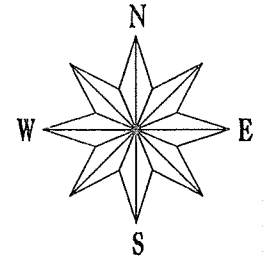
CONSTRUCTION PROJECT LOCATION

NOTES:

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

SIDEWALK RAMPS AND CURB THRU SIDEWALK RAMPS SHALL HAVE A MAXIMUM SLOPE OF 1" PER 12". SIDEWALK AND CURB RAMPS SHALL BE CONSTRUCTED WITH A SIDE SLOPE OF 2.00%.

SIDEWALK SHALL HAVE A MINIMUM LONGITUDINAL SLOPE OF 0.50% AND A MAXIMUM LONGITUDINAL SLOPE OF 5.00% EXCEPT WHERE STREET GRADES EXCEED 5.00%.



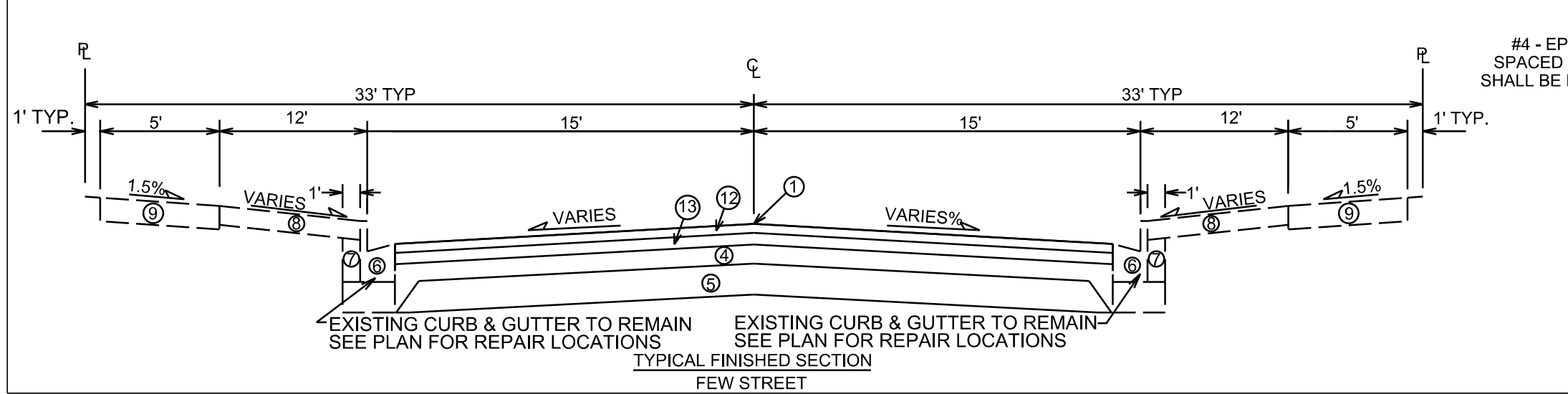
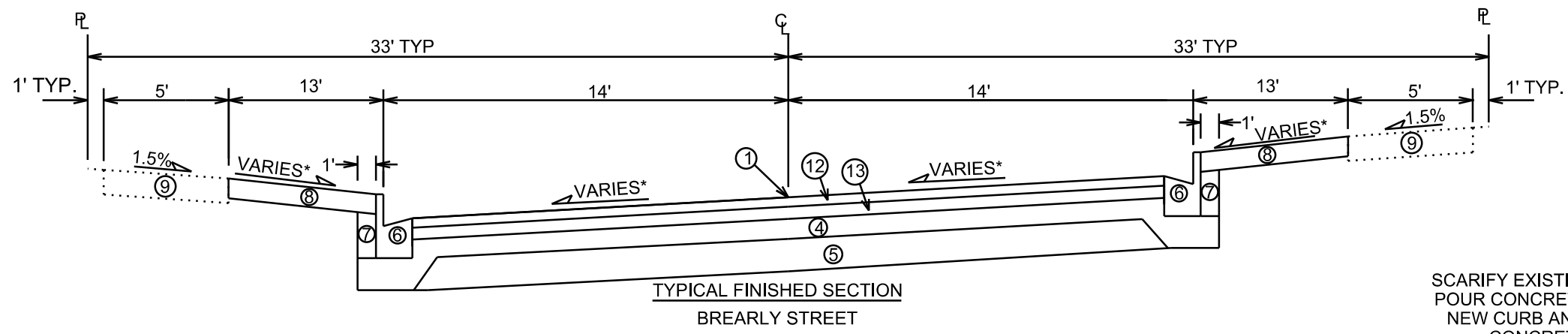
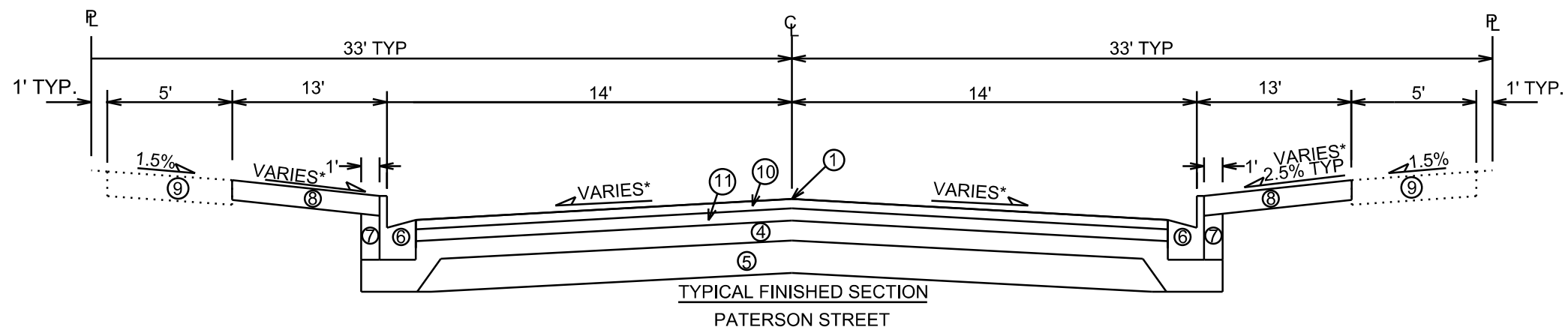
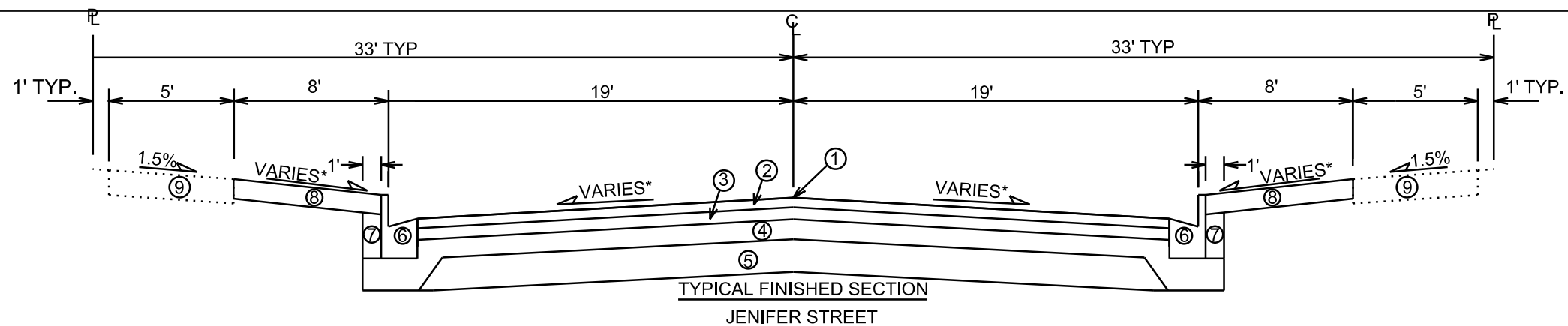
EARTH WORK SUMMARY:

| | |
|---|-----------|
| EXCAVATION CUT (MEASURED PLAN QUANTITY) | 7735 C.Y. |
| ESTIMATED UNDISTRIBUTED UNDERCUT | 2200 C.Y. |
| TOTAL UNCLASSIFIED EXCAVATION CUT | 9935 C.Y. |

PLOT SCALE: _____
PLOT NAME: _____

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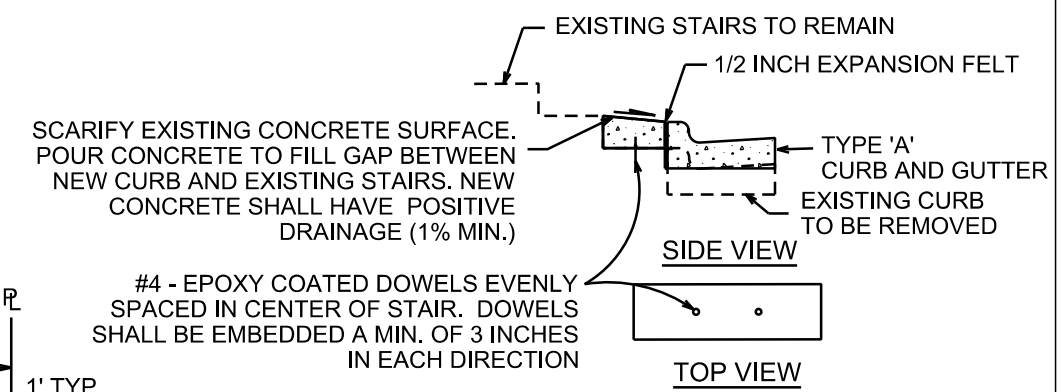
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



- ① POINT REFERRED TO ON PROFILE
- ② 2.00" BITUMINOUS UPPER LAYER, TYPE E-3
- ③ 3.25" BITUMINOUS LOWER LAYER, TYPE E-3
- ④ 4" GRADATION 2 CRUSHED STONE
- ⑤ 6" GRADATION 1 CRUSHED STONE
- ⑥ TYPE 'A' CONCRETE CURB & GUTTER
- ⑦ FILL, INCIDENTAL
- ⑧ 4" TOPSOIL, SEED & MAT
- ⑨ 5" CONCRETE SIDEWALK, REPLACE AS NOTED ON PLAN
- ⑩ 2.00" BITUMINOUS UPPER LAYER, TYPE E-1
- ⑪ 2.25" BITUMINOUS LOWER LAYER, TYPE E-1
- ⑫ 1.75" BITUMINOUS UPPER LAYER, TYPE E-0.3
- ⑬ 1.75" BITUMINOUS LOWER LAYER, TYPE E-0.3

* SEE CROSS SECTION SHEETS FOR CROSS SLOPES AND TOP OF CURB ELEVATIONS.
TYPICAL SECTIONS NOT TO SCALE

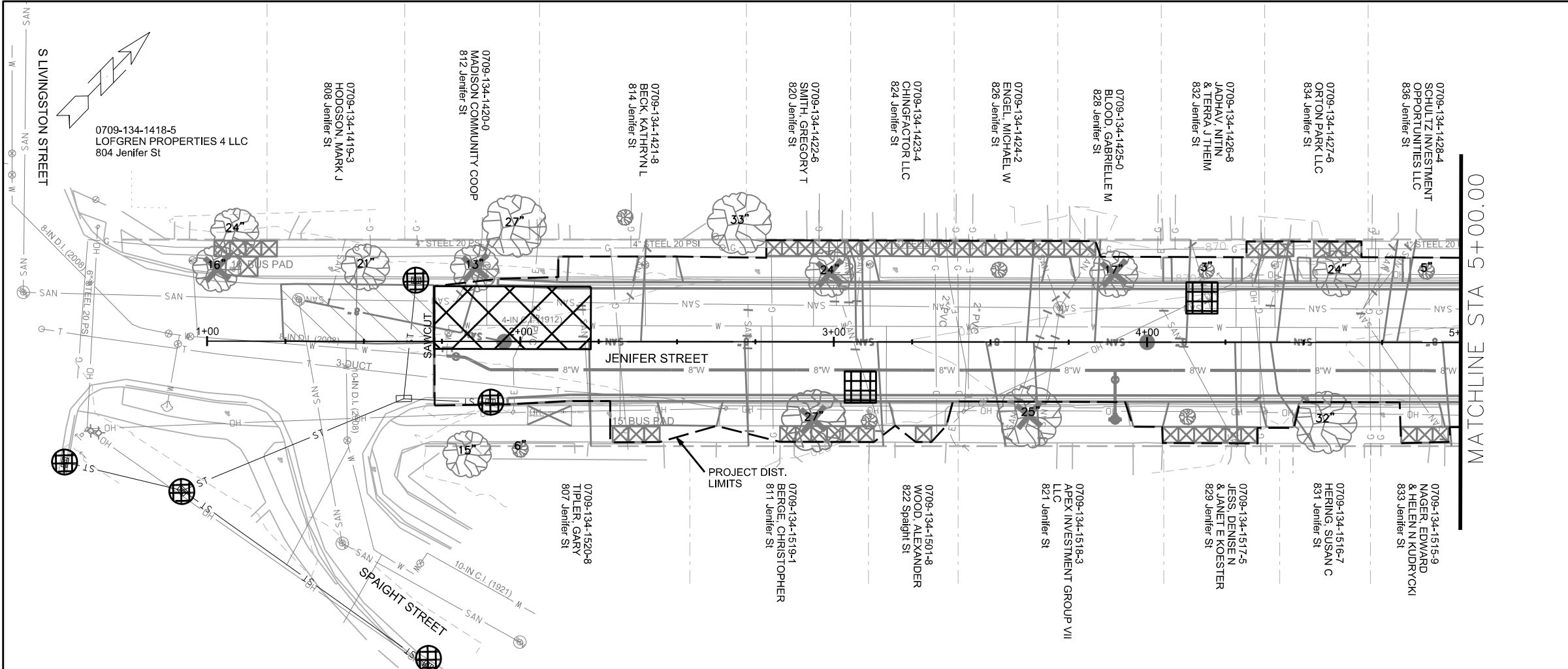
NOTE: AT BUMPOUT LOCATIONS, THE MINIMUM DIMENSION FROM THE CENTER-LINE TO THE CURB IS 16 FT. SEE PLAN AND CROSS SECTIONS FOR BUMPOUT LOCATIONS AND DIMENSIONS.



REPAIR CONCRETE STEPS

PLOT SCALE: _____
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EROSION CONTROL PLAN
JENIFER STREET CITY OF MADISON



| | |
|--|-----------------------------------|
| | STREET CONSTRUCTION ENTRANCE BERM |
| | TYPE D HYBRID INLET PROTECTION |
| | STREET CONSTRUCTION STONE BERM |

EROSION CONTROL NOTES:

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

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

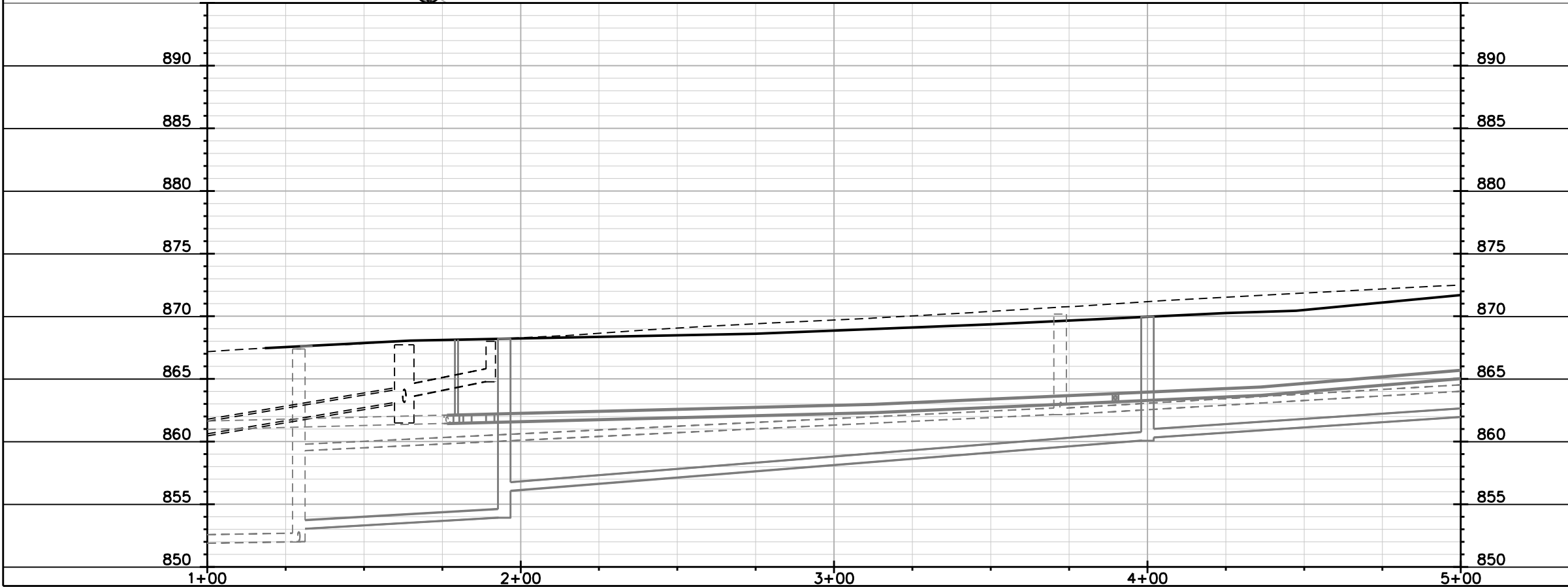
THE CONTRACTOR SHALL INSTALL AND MAINTAIN EROSION CONTROL MEASURES IN ACCORDANCE WITH THE WDNR SOC STANDARDS AND CITY OF MADISON STANDARD SPECIFICATIONS.

THE CONTRACTOR SHALL PROVIDE STREET CLEANING AS NEEDED ON A DAILY BASIS TO KEEP TRACKING TO A MINIMUM.

THE CONTRACTOR SHALL PROVIDE AN EROSION CONTROL IMPLEMENTATION PLAN BEFORE OR AT THE PRE-CON AS REQUIRED.

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

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





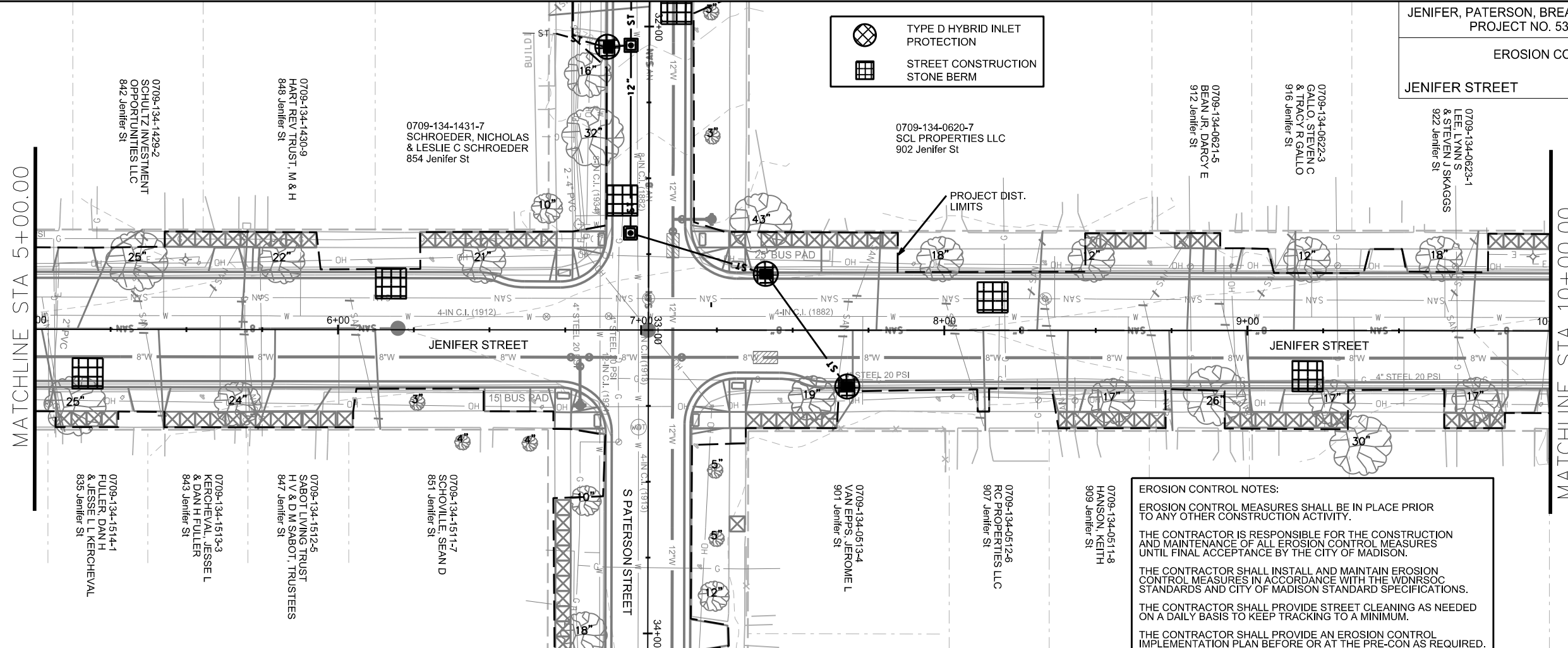
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 TYPE D HYBRID INLET PROTECTION
 STREET CONSTRUCTION STONE BERM



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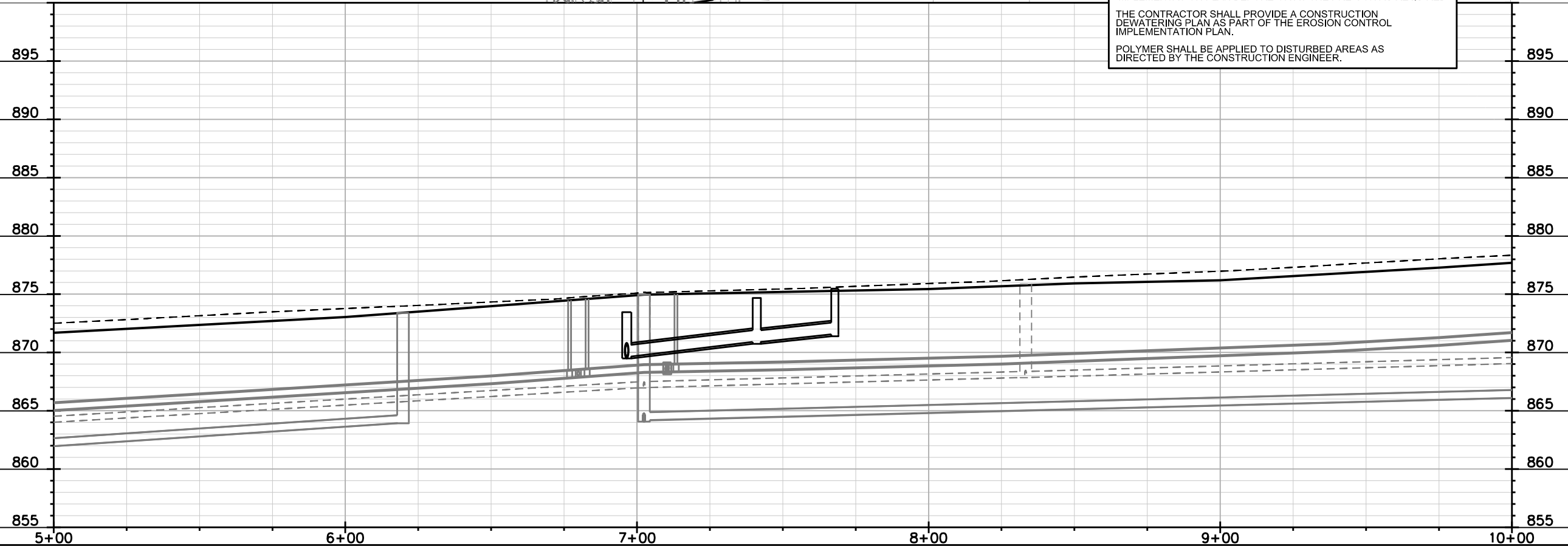
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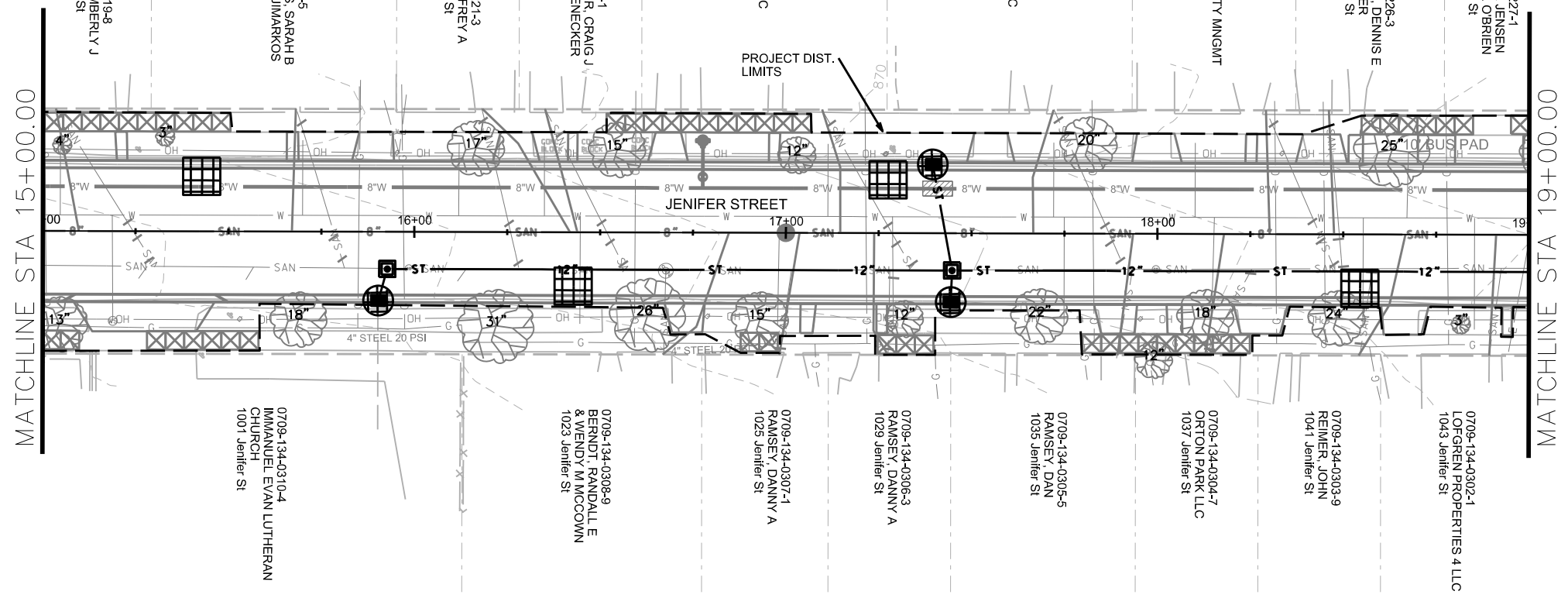
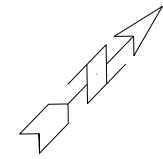
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EROSION CONTROL PLAN
JENIFER STREET CITY OF MADISON



 TYPE D HYBRID INLET PROTECTION
 STREET CONSTRUCTION STONE BERM

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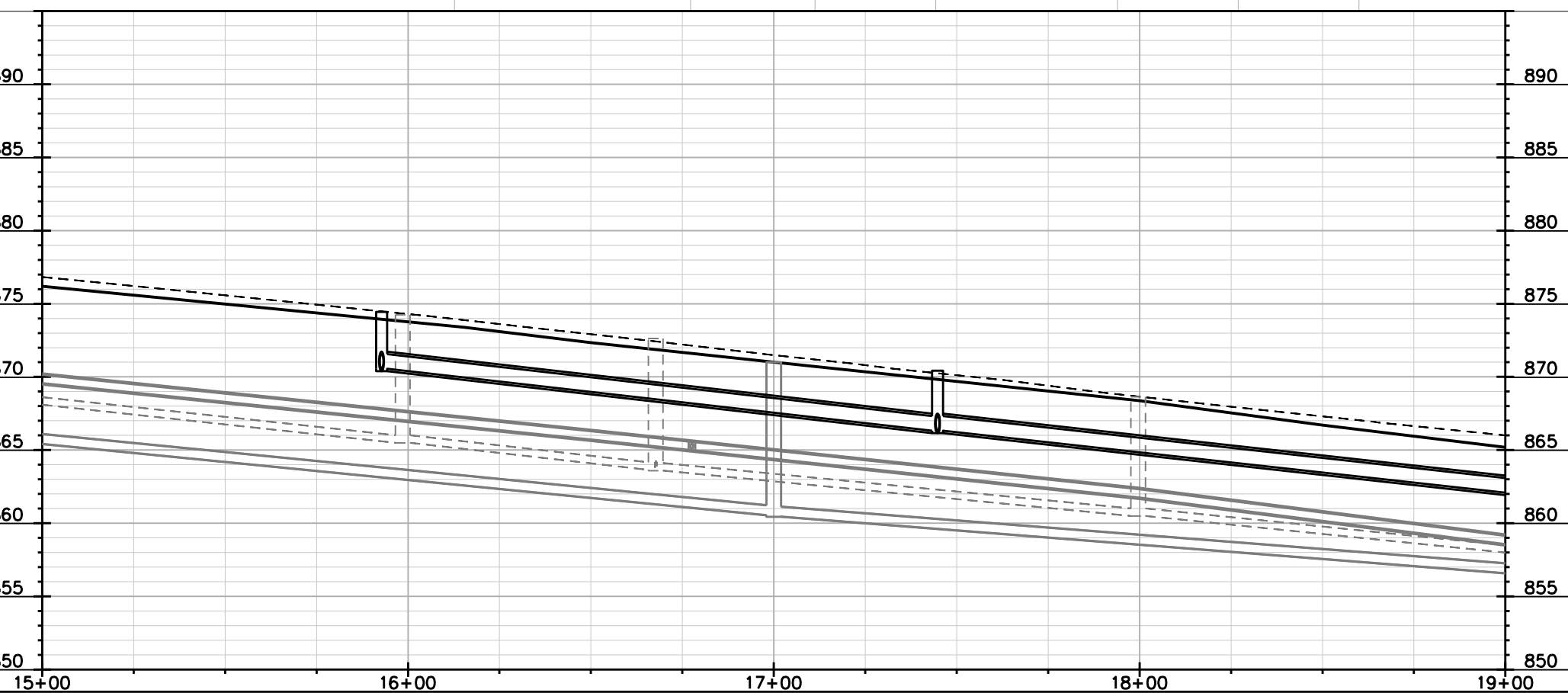
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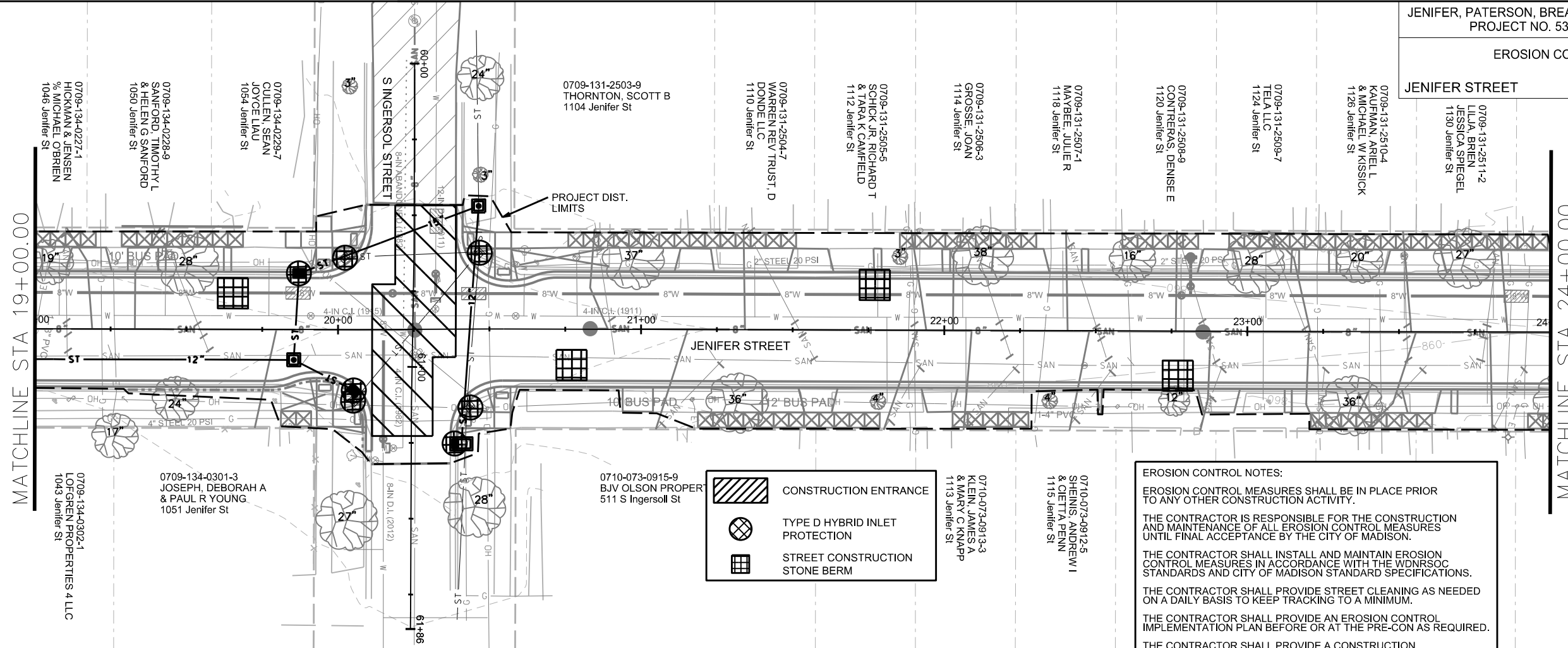
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EROSION CONTROL PLAN

JENIFER STREET CITY OF MADISON



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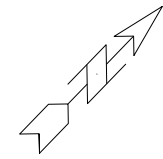
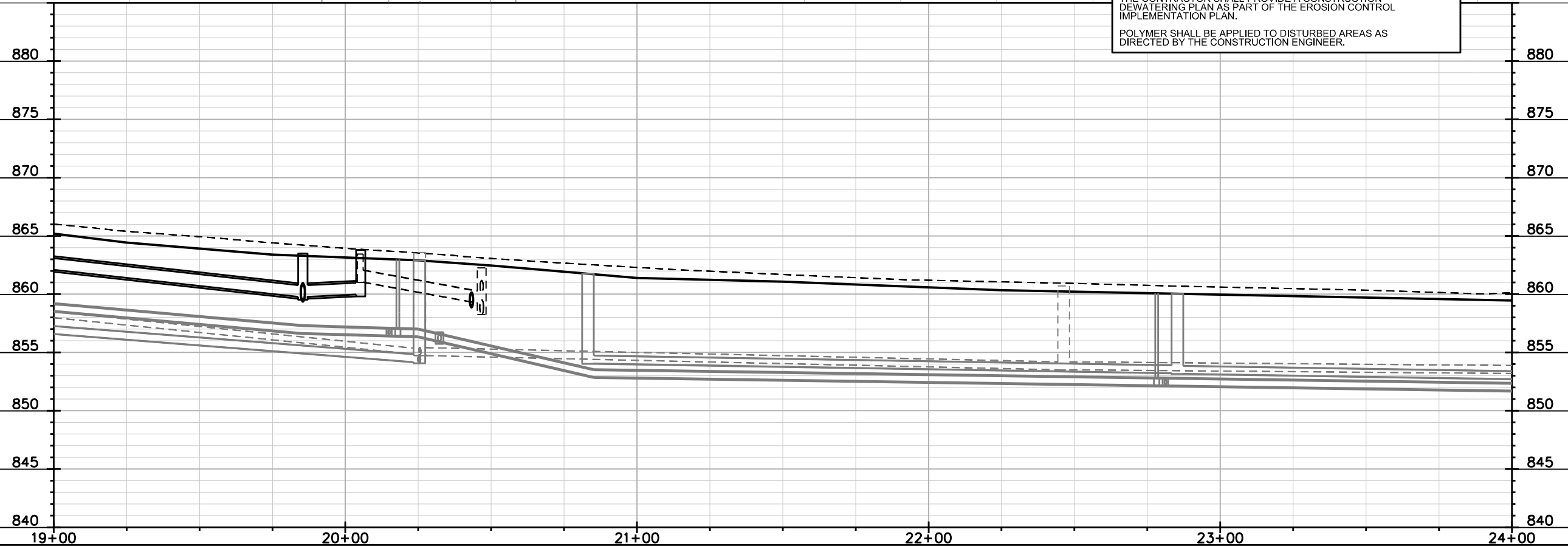
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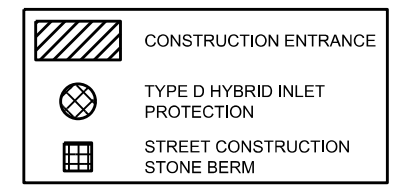
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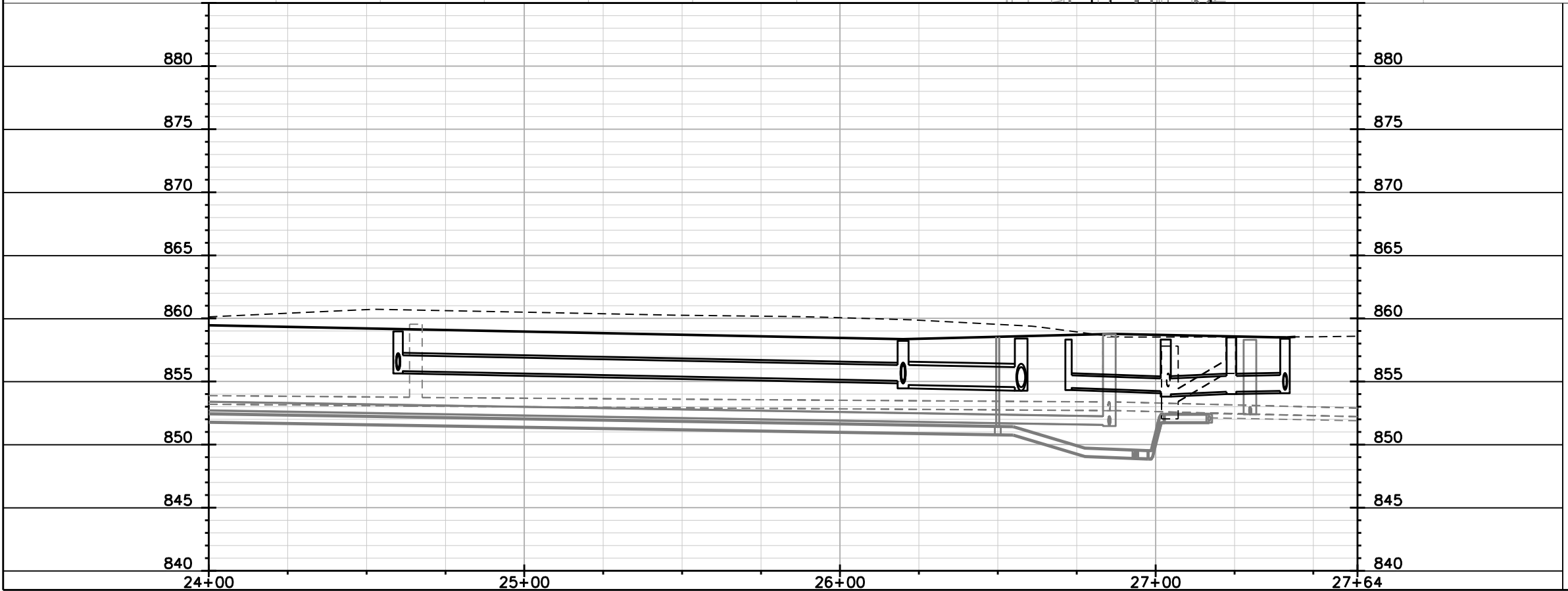
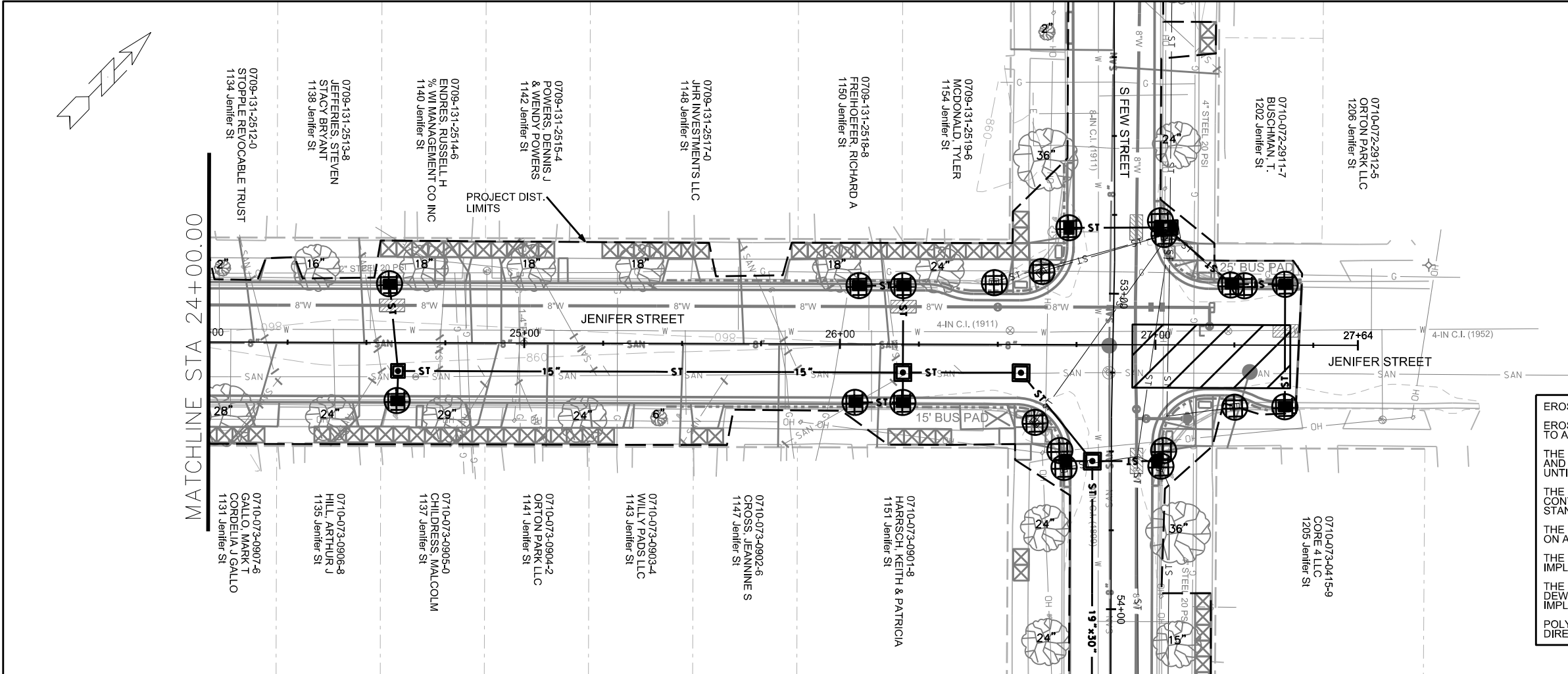
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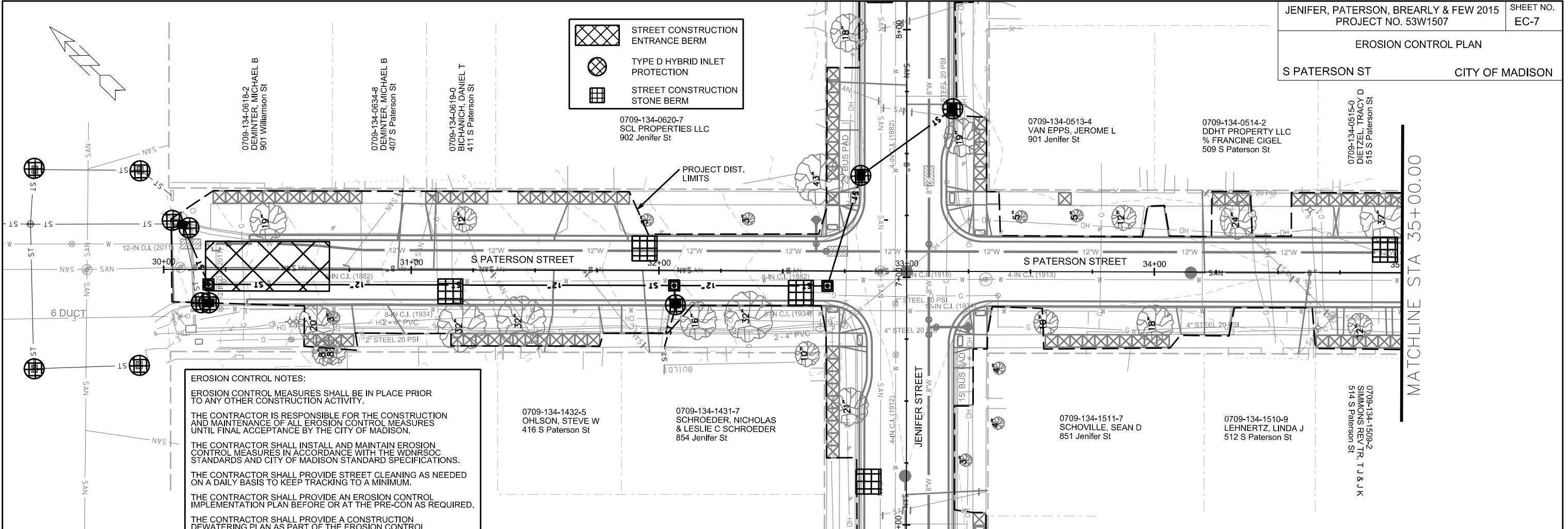
PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

EROSION CONTROL PLAN
S PATERSON ST CITY OF MADISON

-  STREET CONSTRUCTION ENTRANCE BERM
-  TYPE D HYBRID INLET PROTECTION
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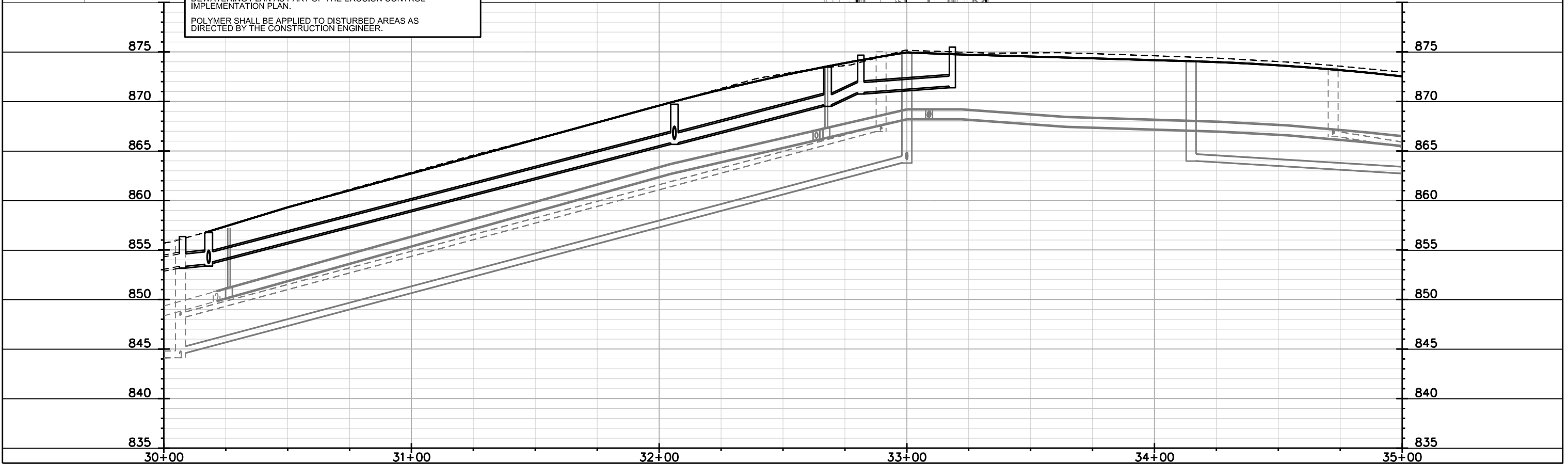
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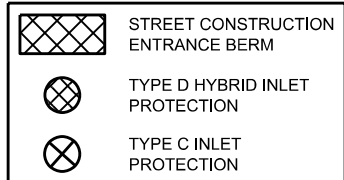
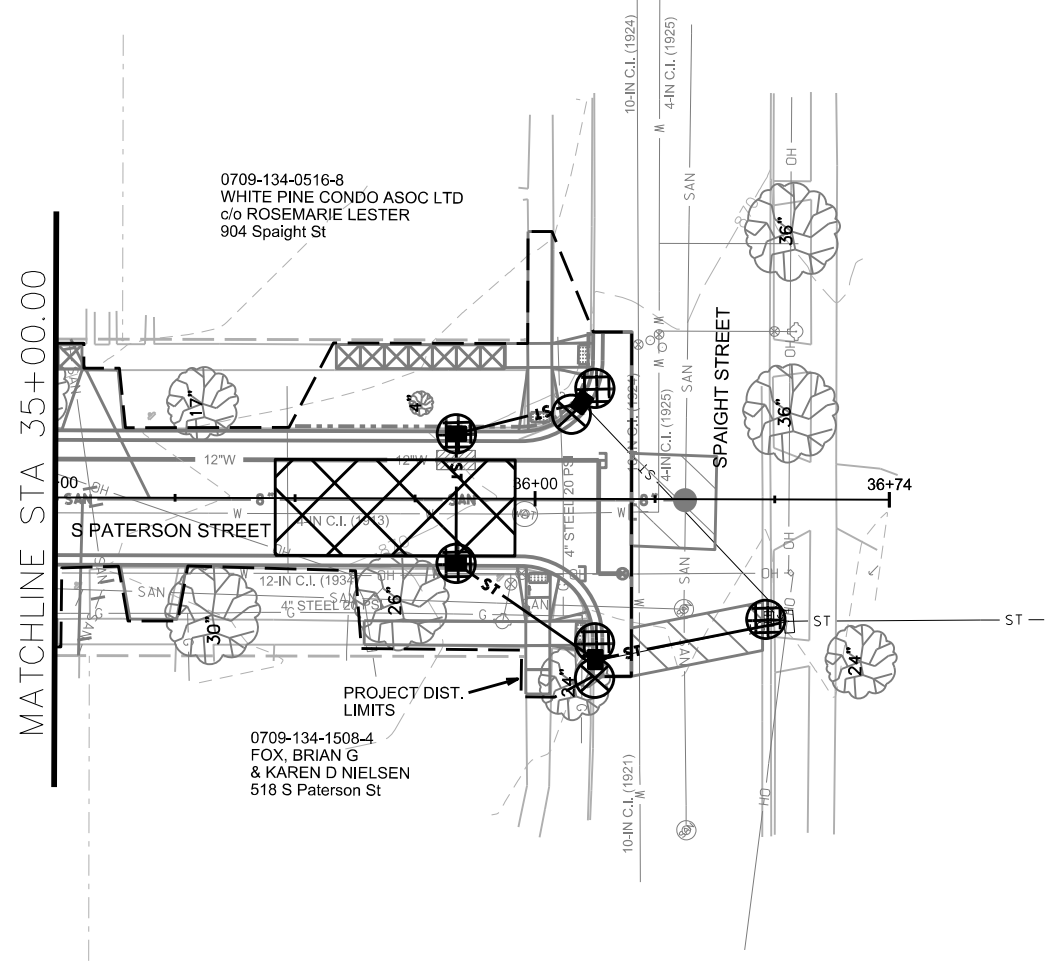
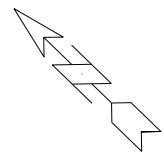


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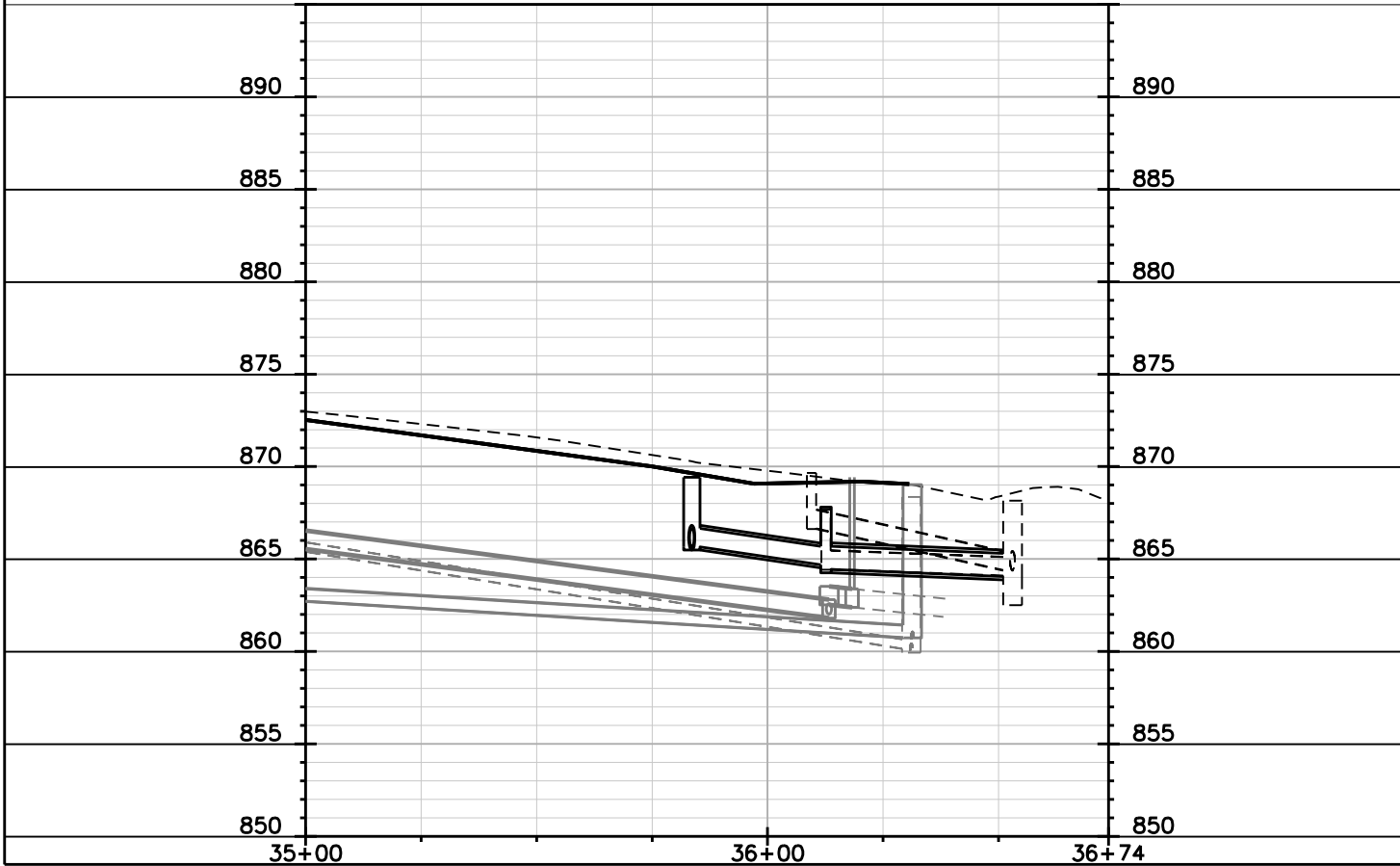
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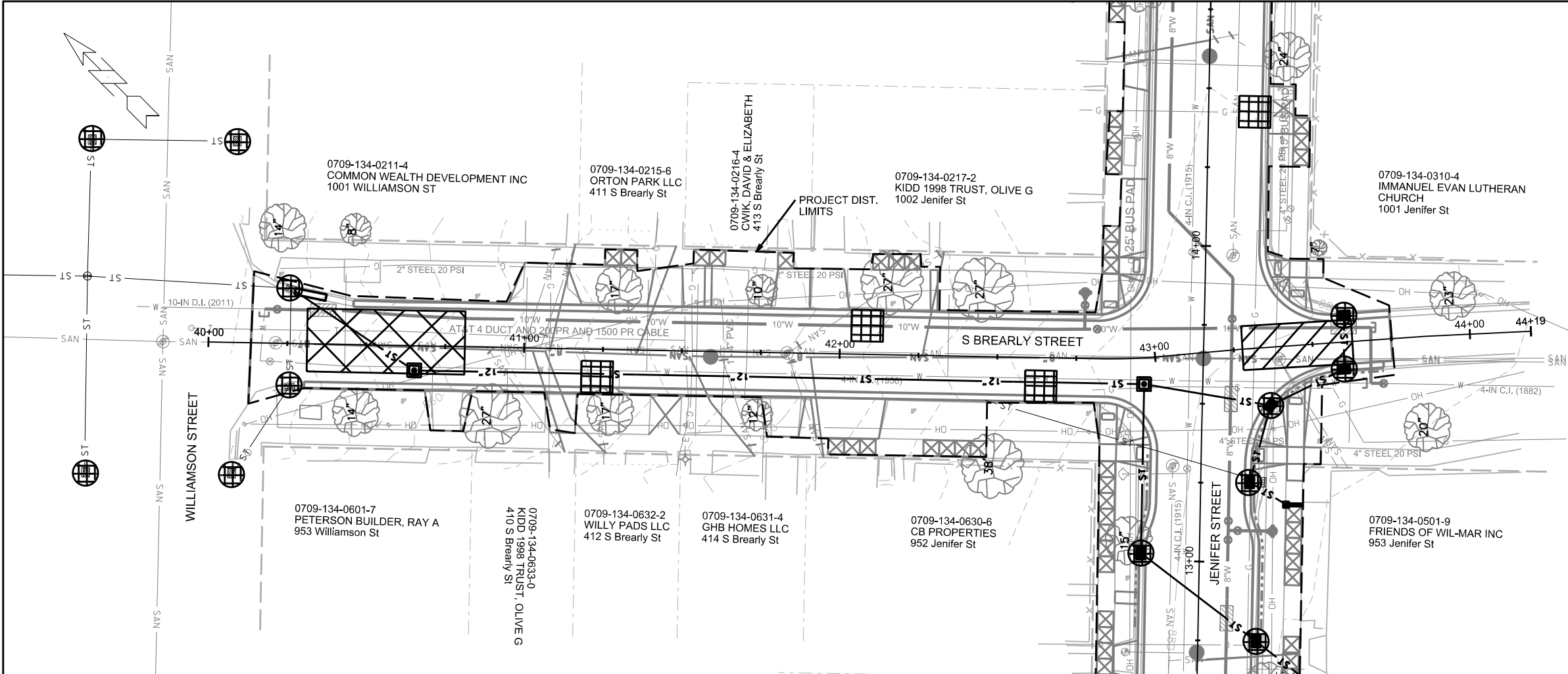


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EROSION CONTROL PLAN
 S BREARLY ST CITY OF MADISON

-  STREET CONSTRUCTION ENTRANCE BERM
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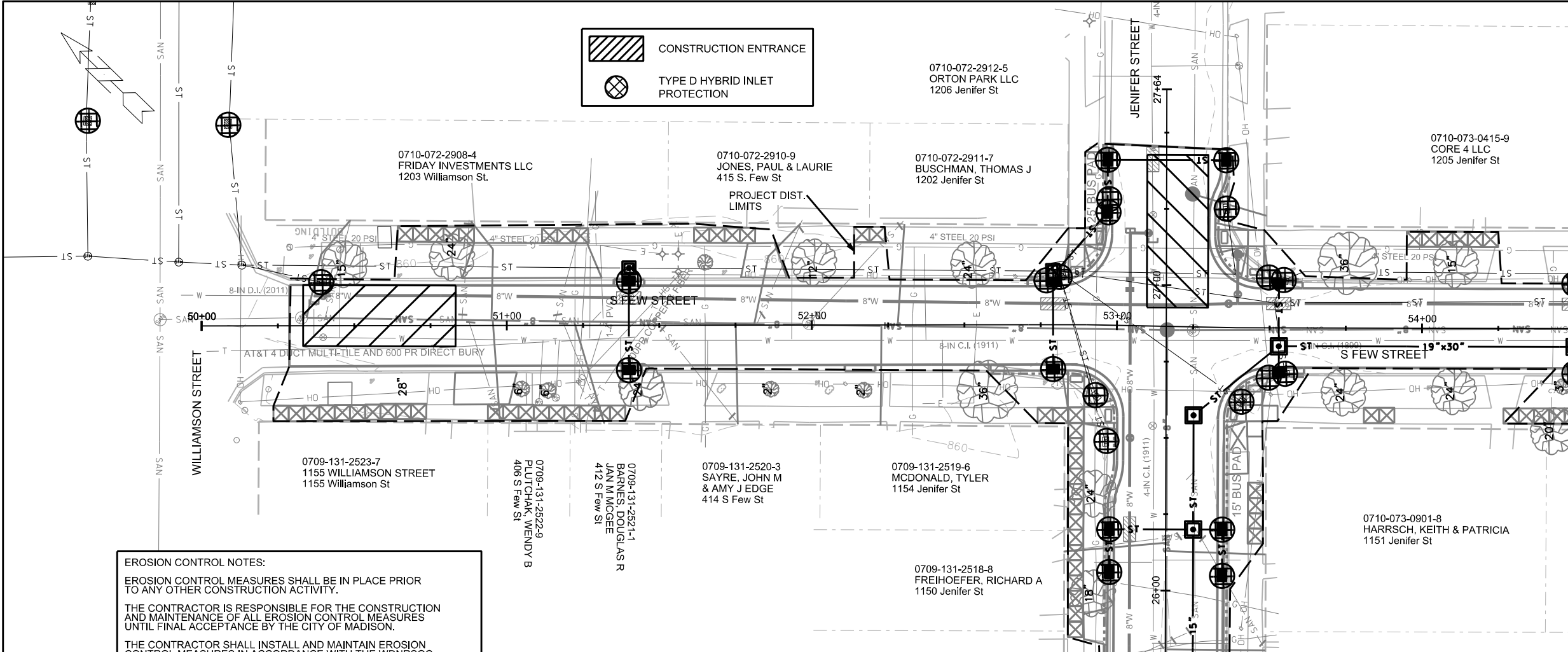


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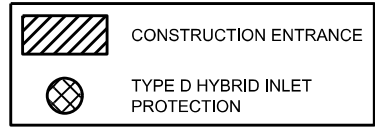


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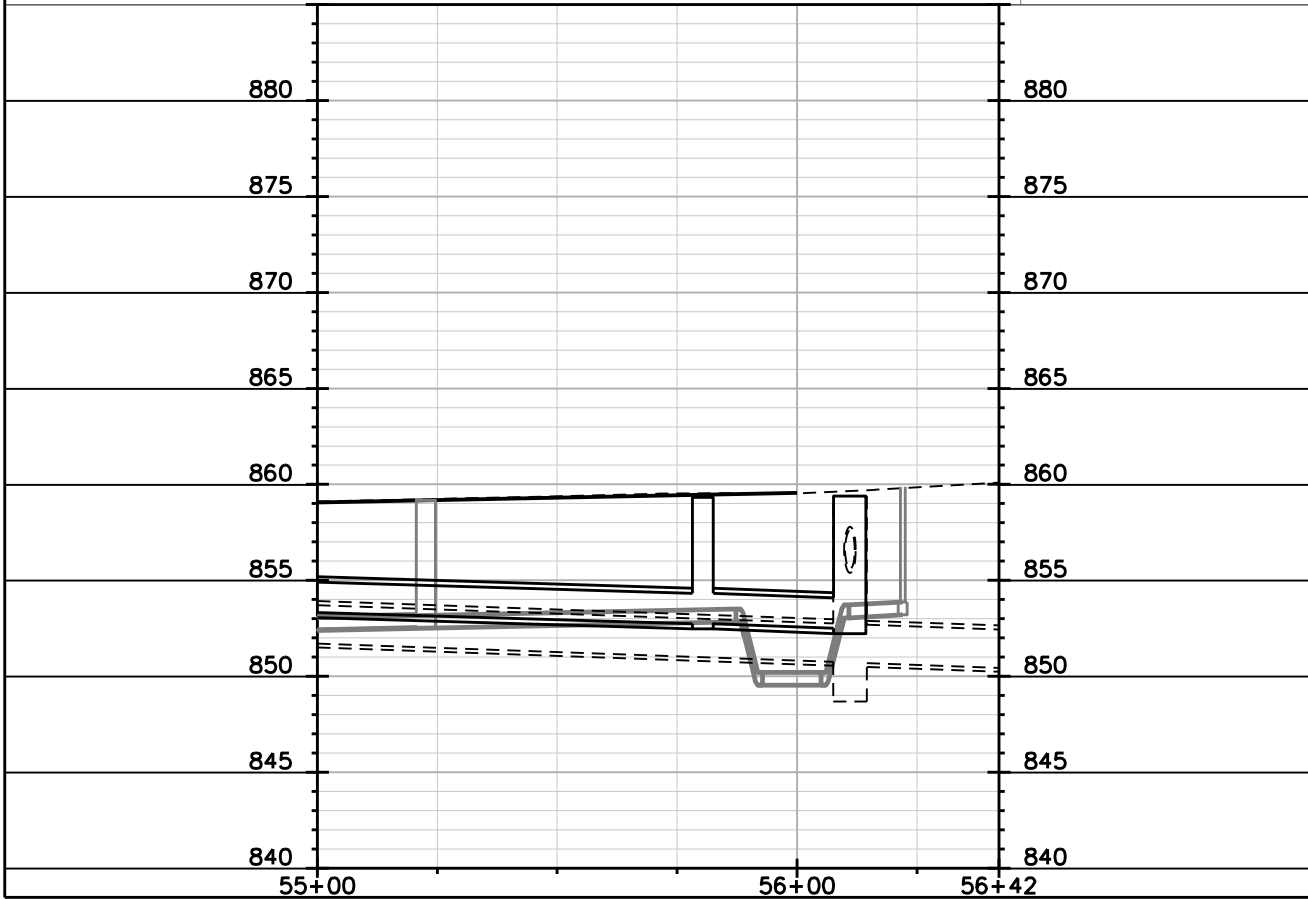
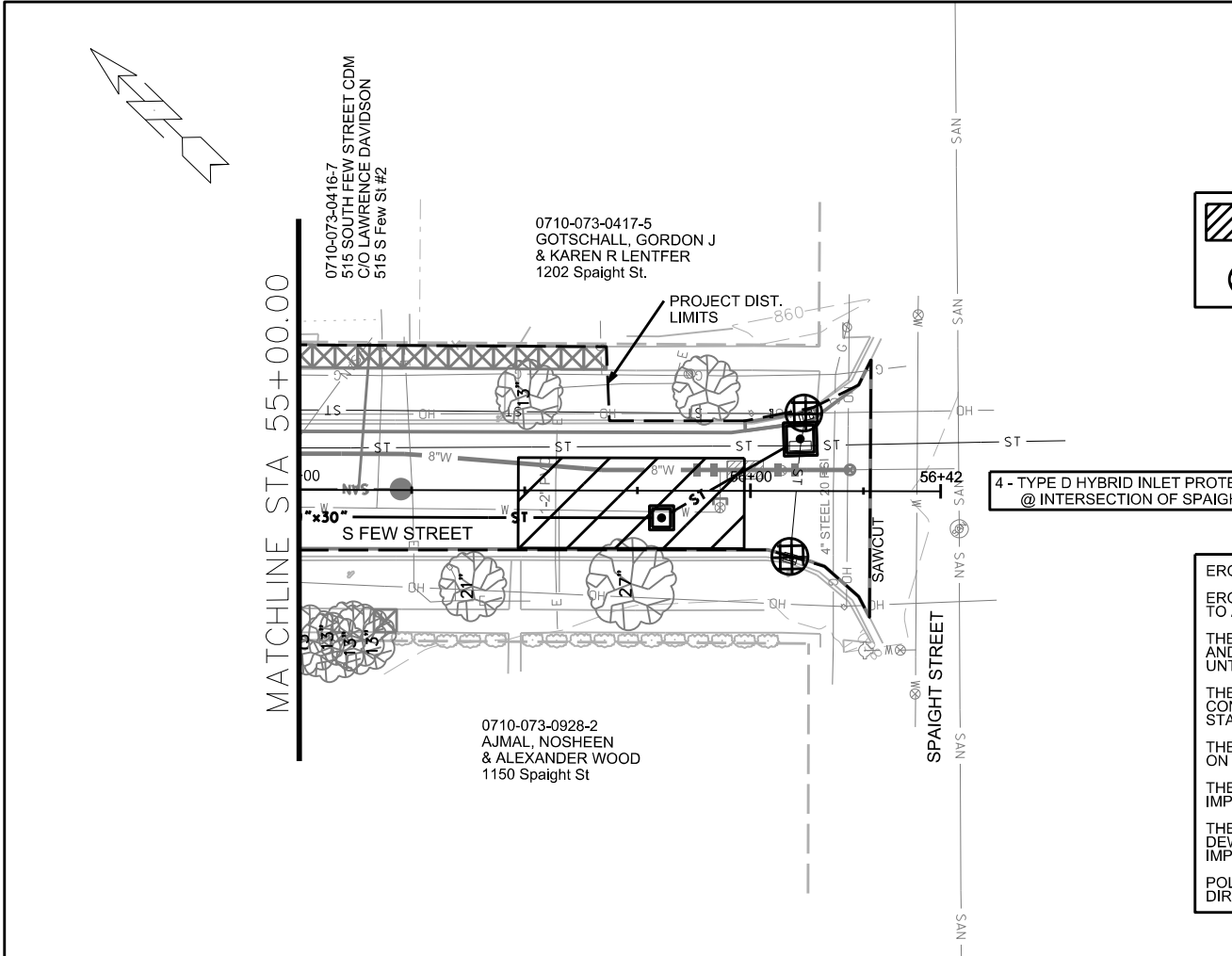
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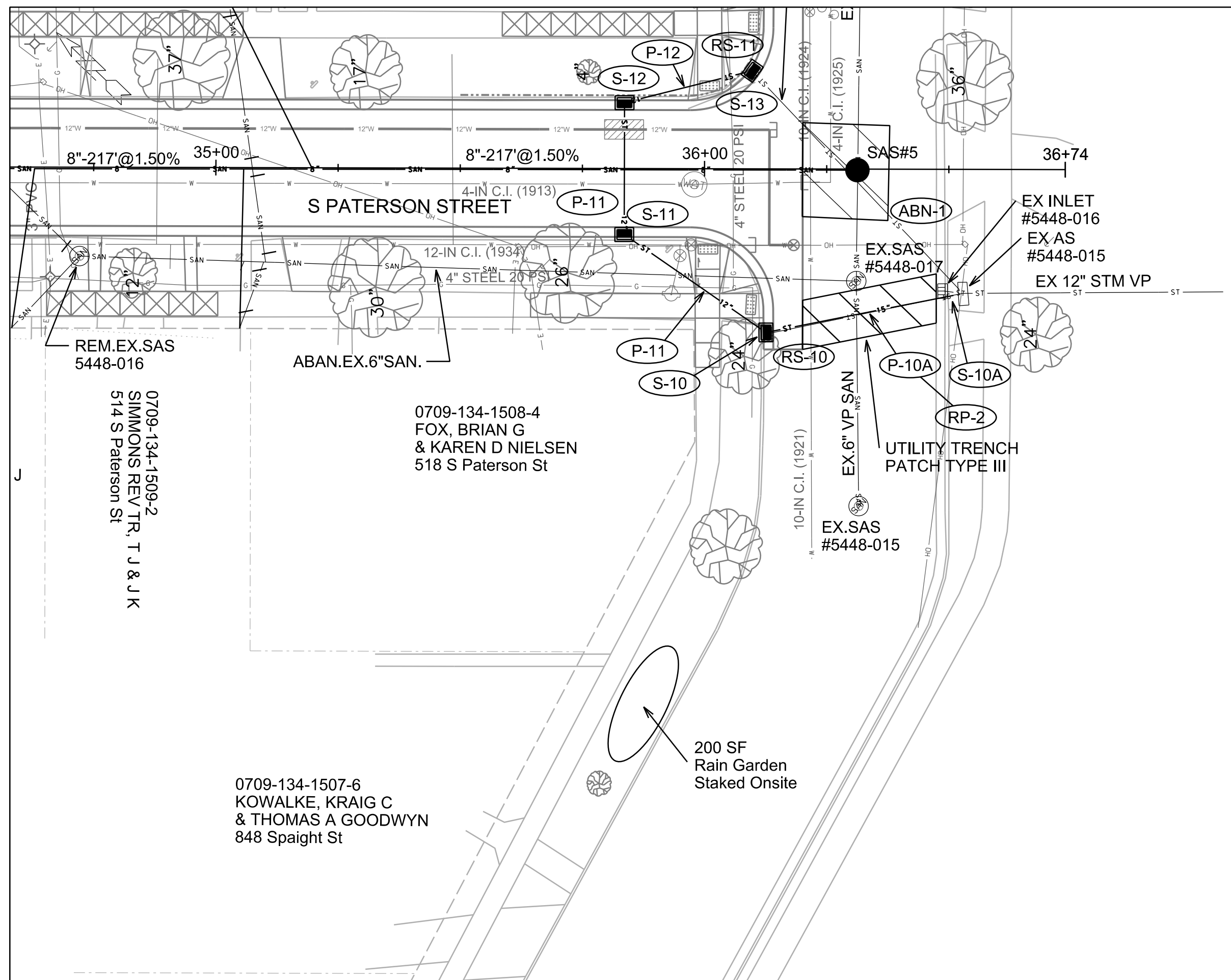


4 - TYPE D HYBRID INLET PROTECTION @ INTERSECTION OF SPAIGHT ST

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PLOT SCALE: 20

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

REM.EX.SAS
5448-016

0709-134-1509-2
SIMMONS REV TR, T J & J K
514 S Paterson St

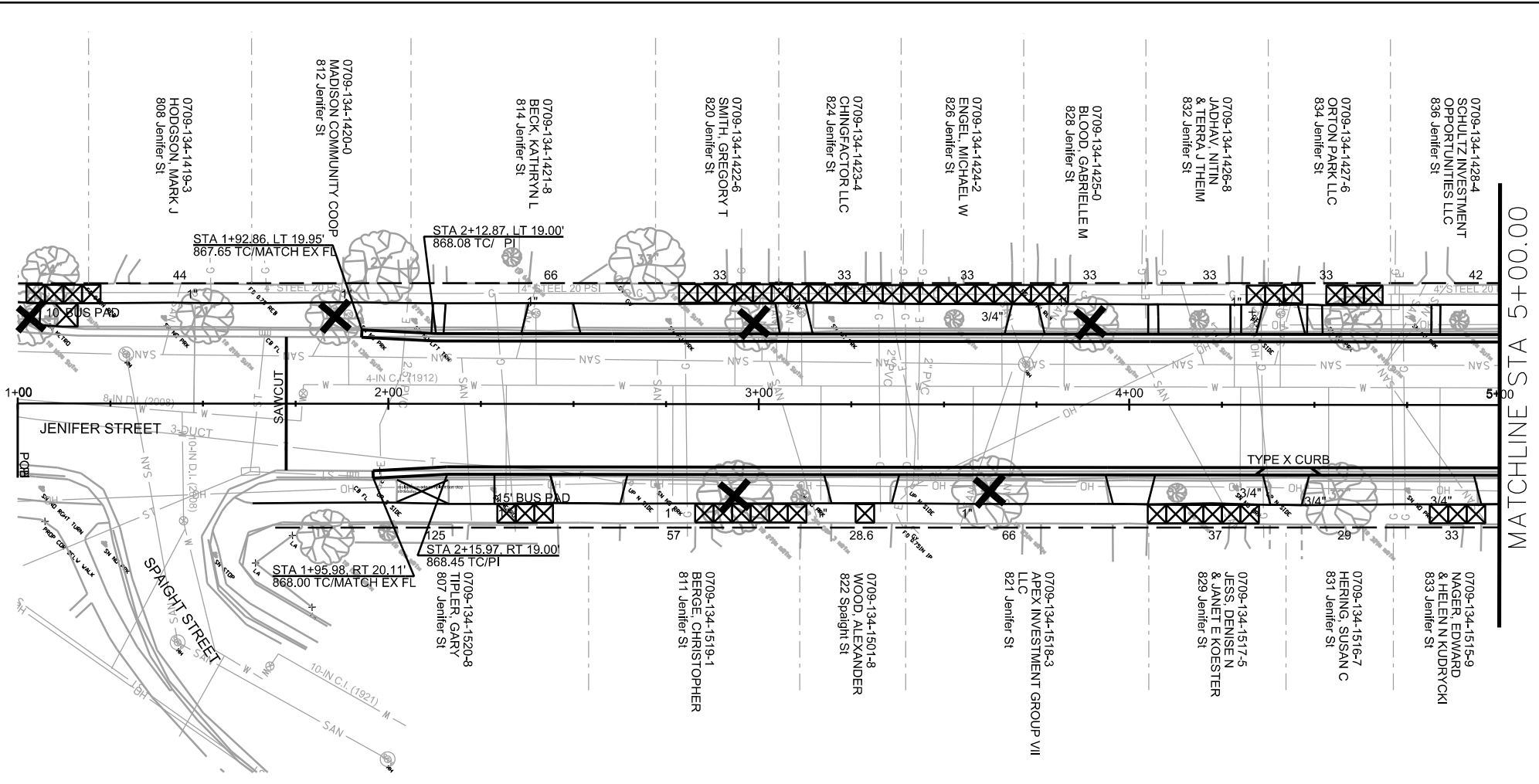
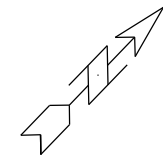
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0709-134-1508-4
FOX, BRIAN G
& KAREN D NIELSEN
518 S Paterson St

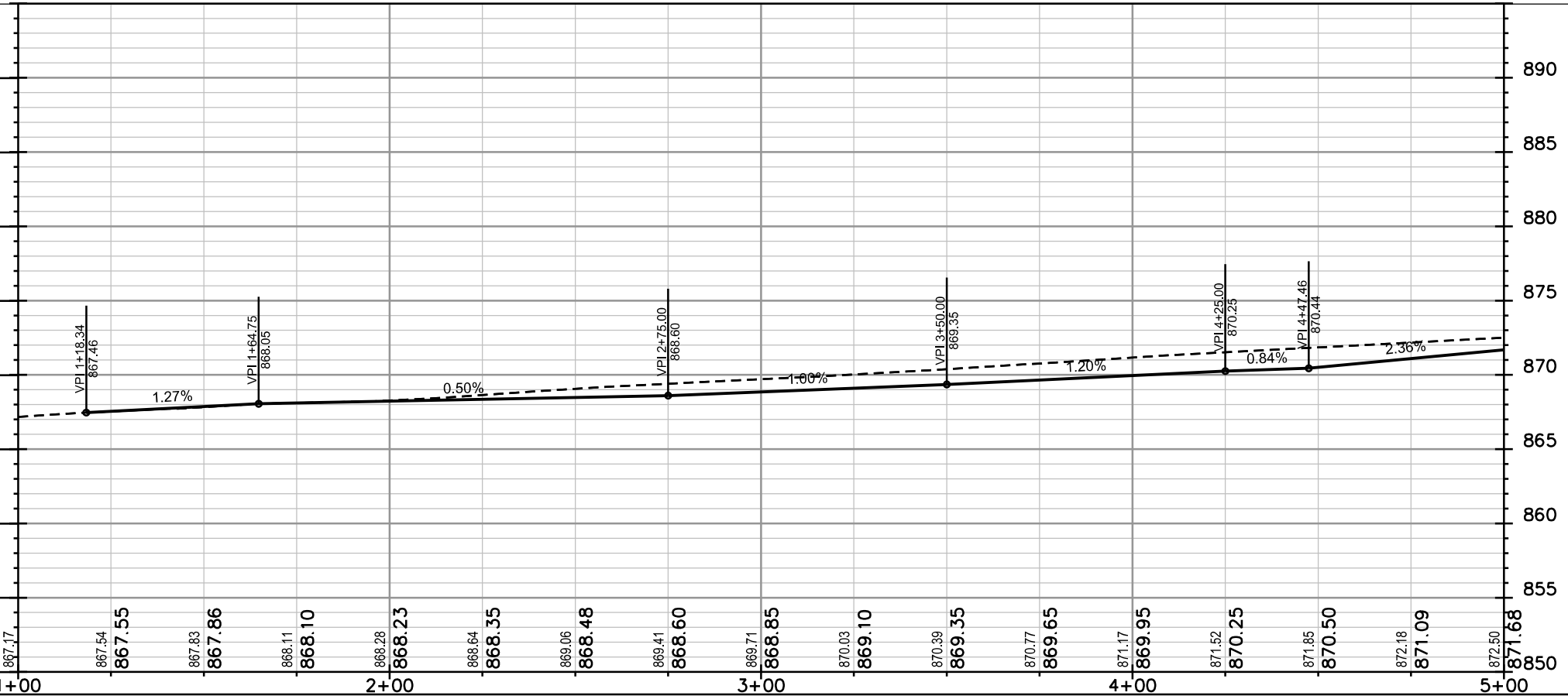
0709-134-1507-6
KOWALKE, KRAIG C
& THOMAS A GOODWYN
848 Spaight St

200 SF
Rain Garden
Staked Onsite

PLAN AND PROFILE
JENIFER STREET CITY OF MADISON



MATCHLINE STA 5+00.00



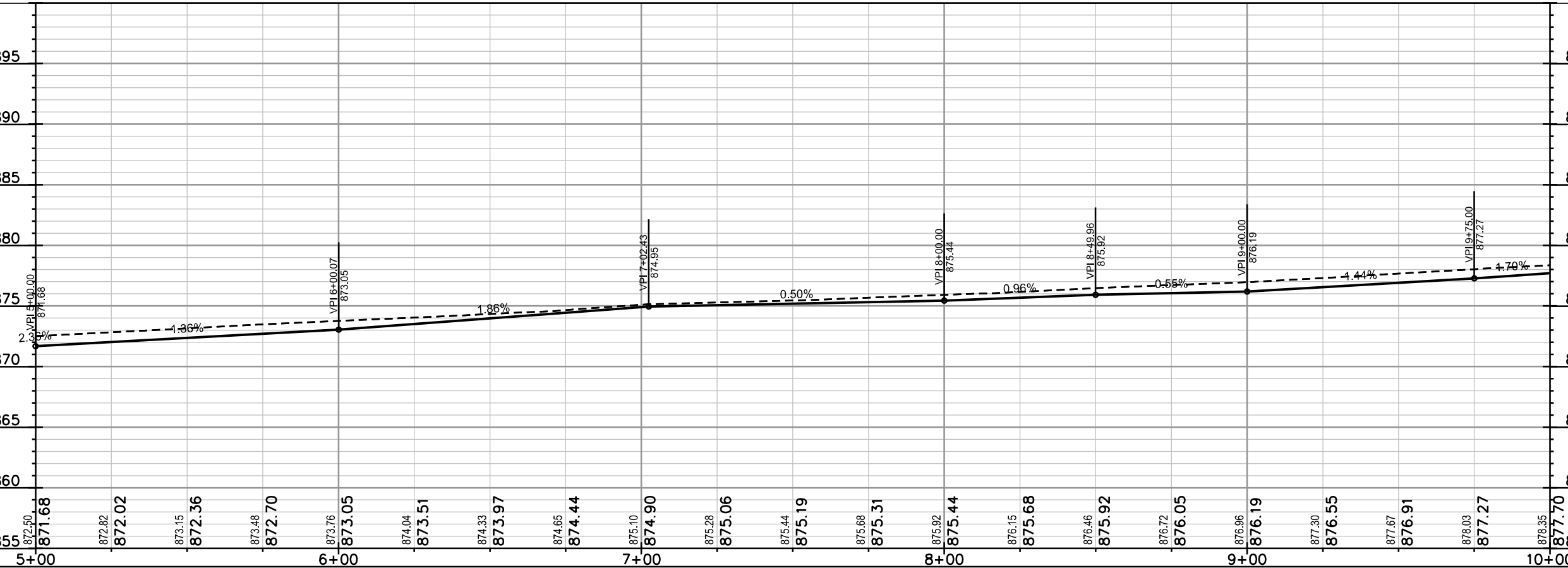
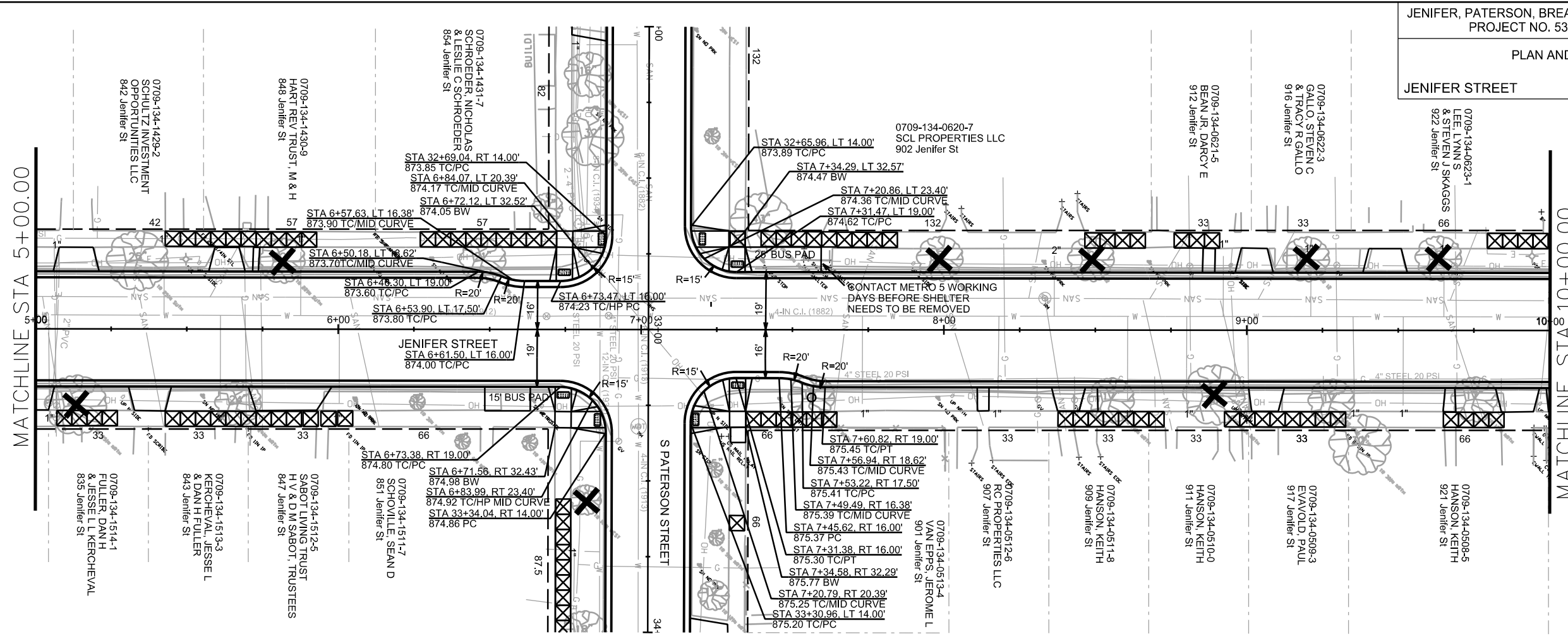
PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLAN AND PROFILE
 JENIFER STREET CITY OF MADISON



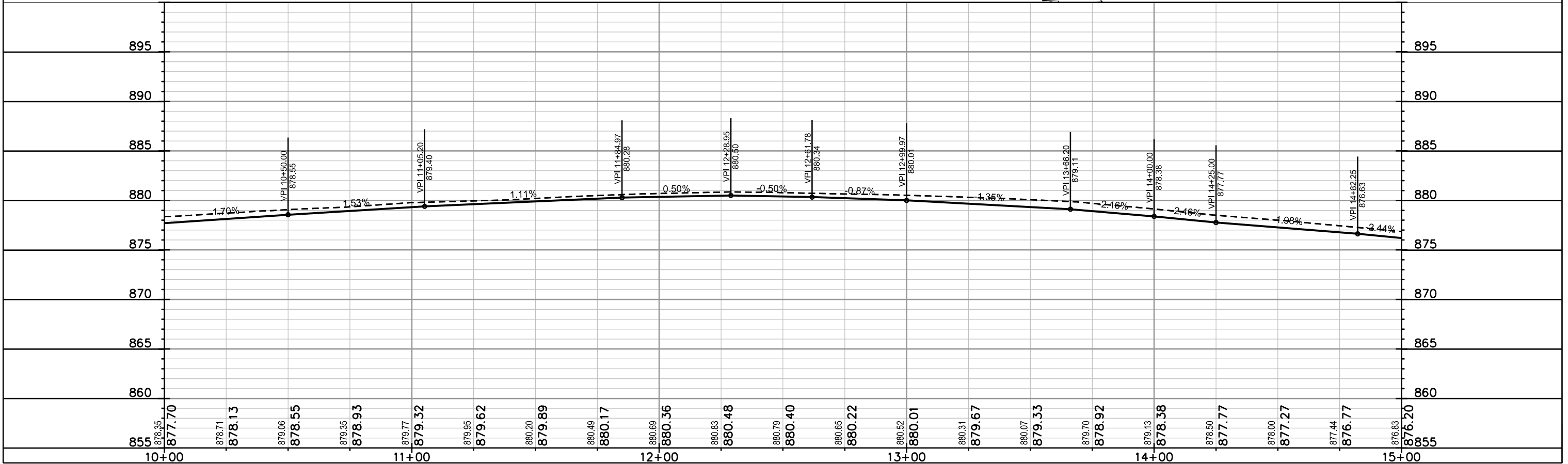
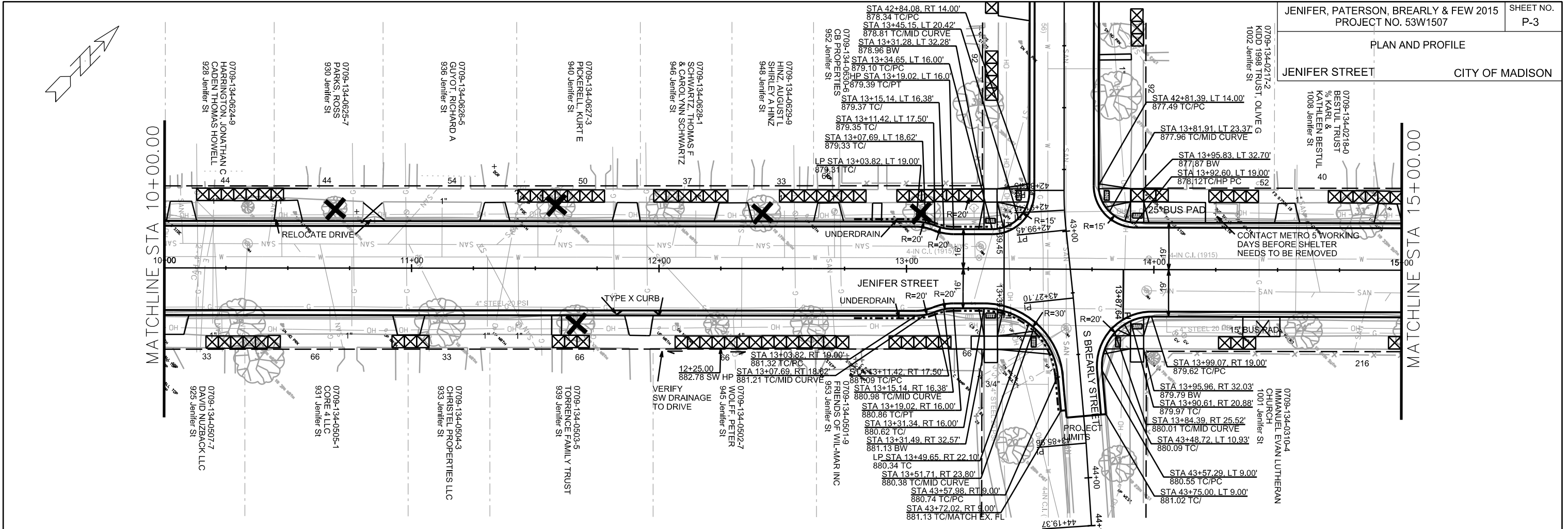
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PLOT NAME: _____

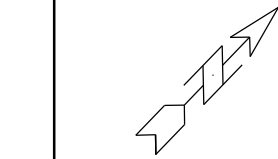
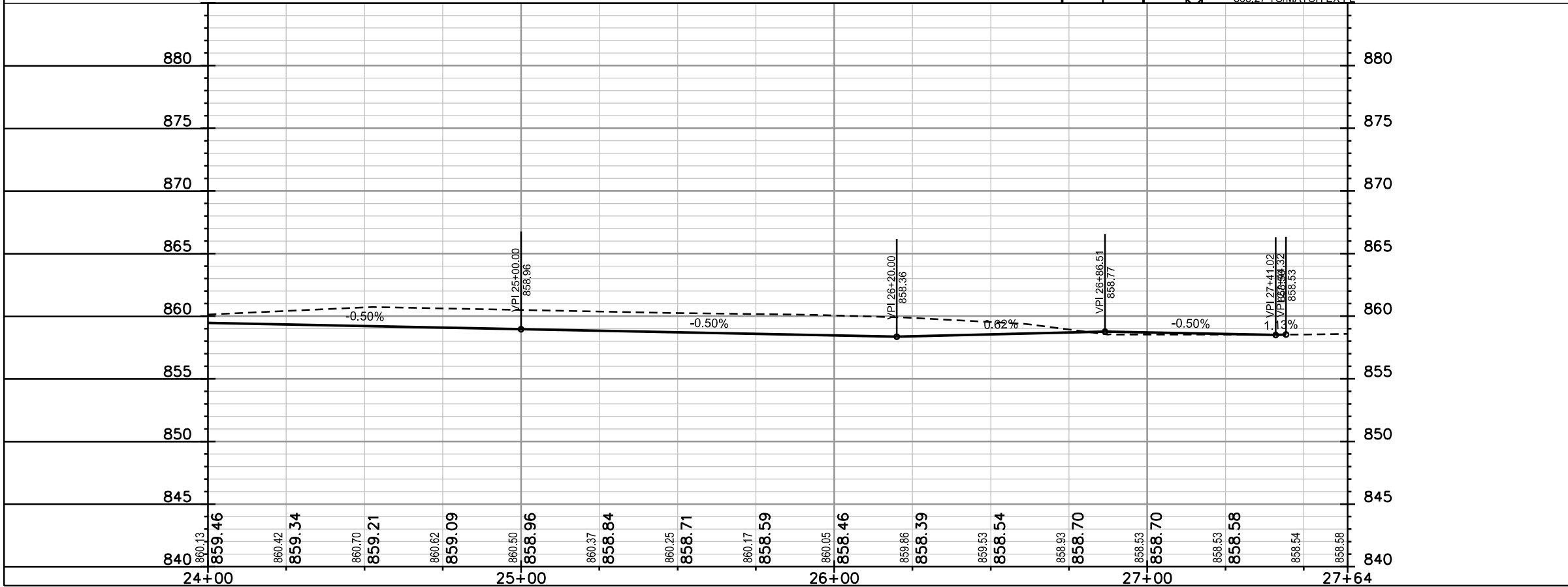
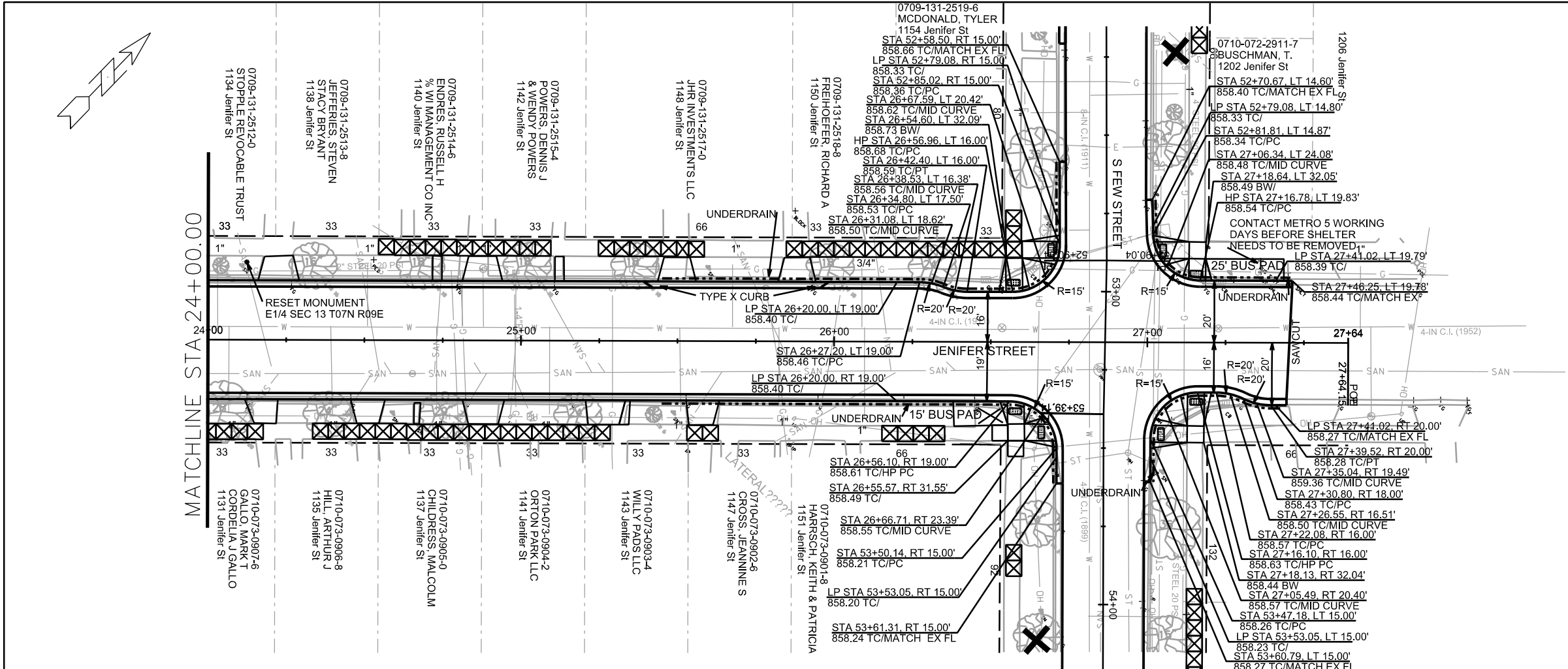
REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLAN AND PROFILE
JENIFER STREET CITY OF MADISON



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

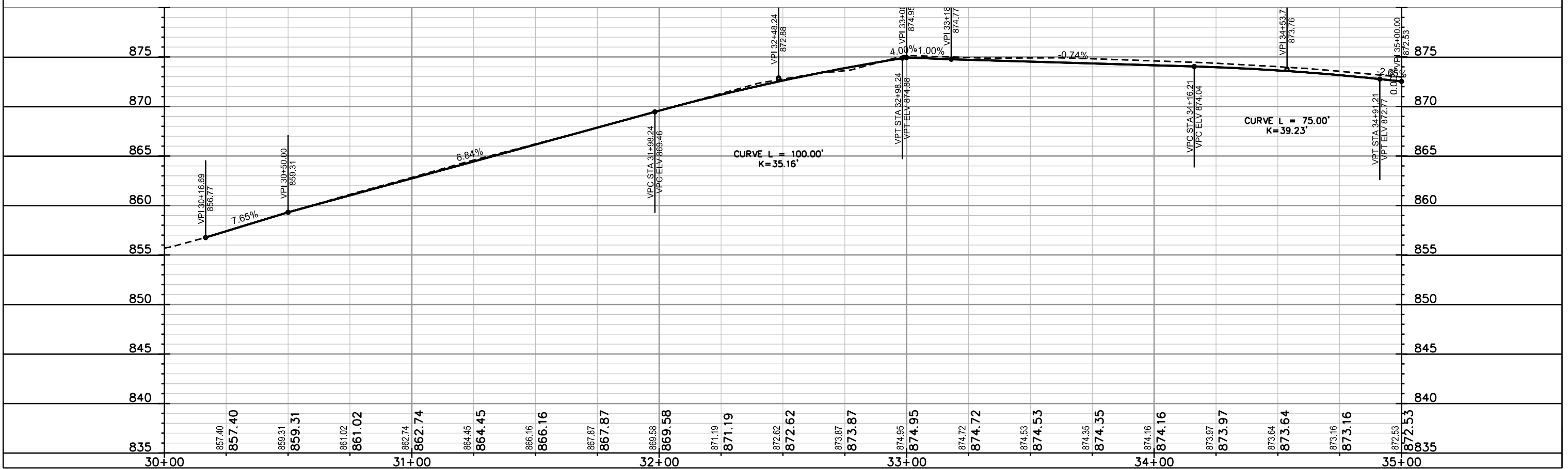
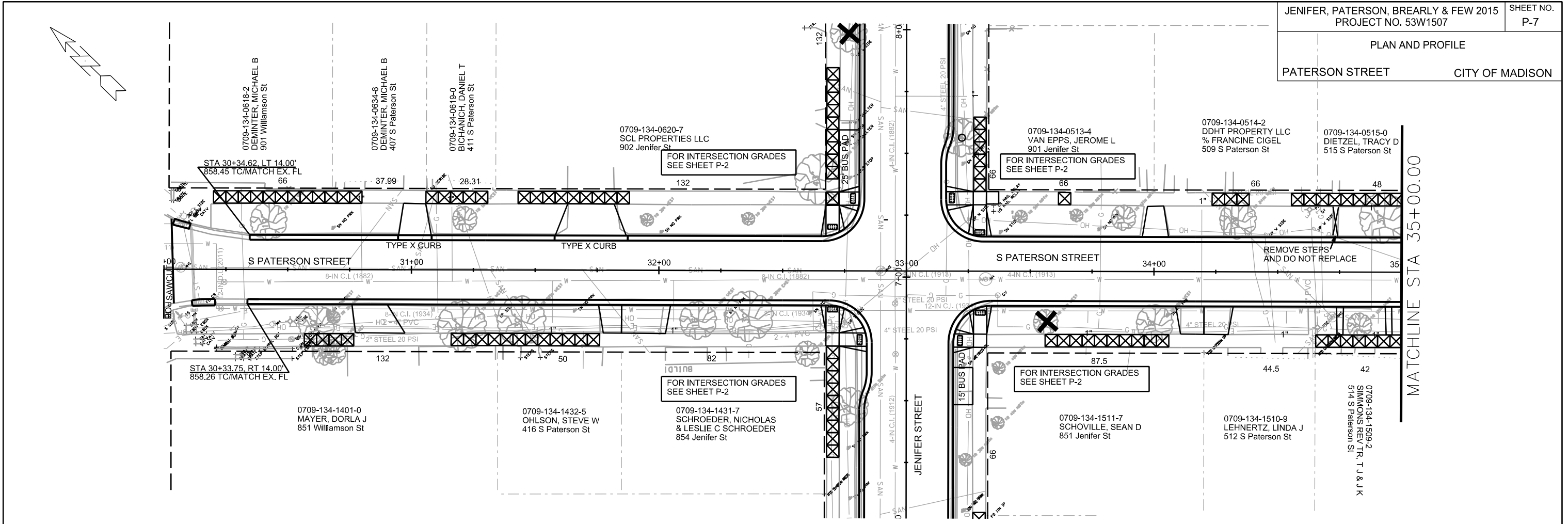


PLOT SCALE: _____

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ORIGINATOR: CITY OF MADISON, STREETS DIVISION



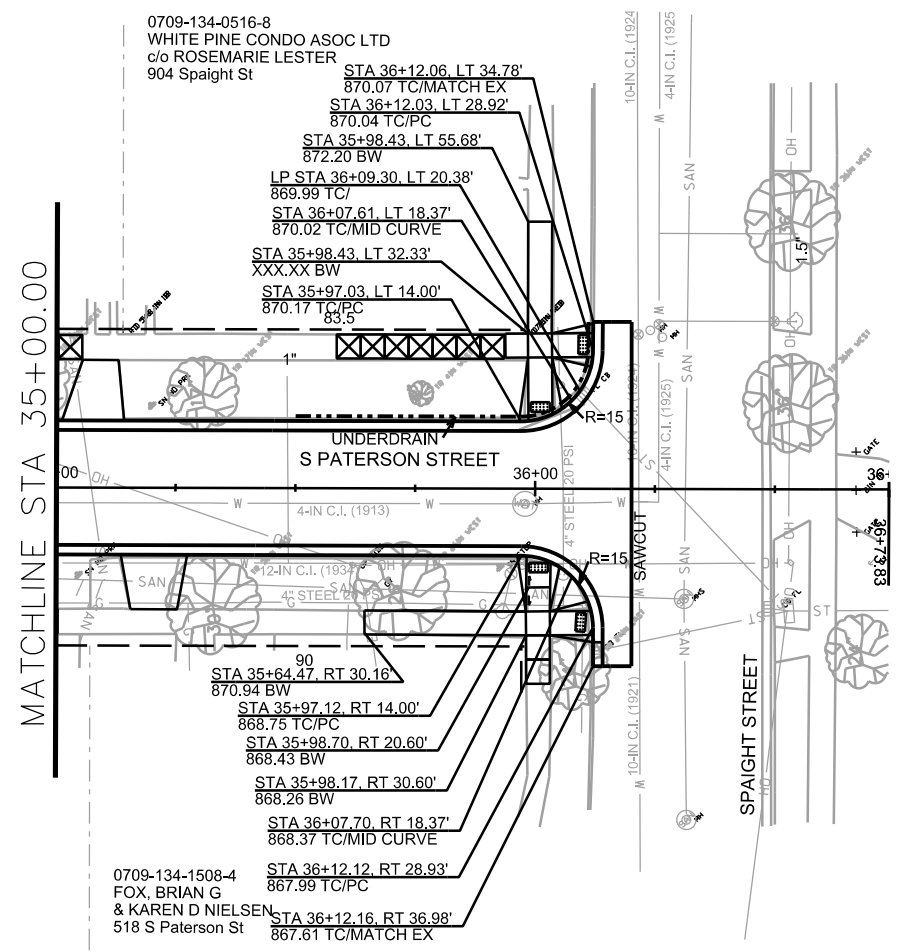
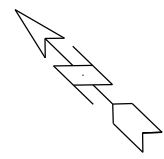
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PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLAN AND PROFILE
PATERSON STREET CITY OF MADISON

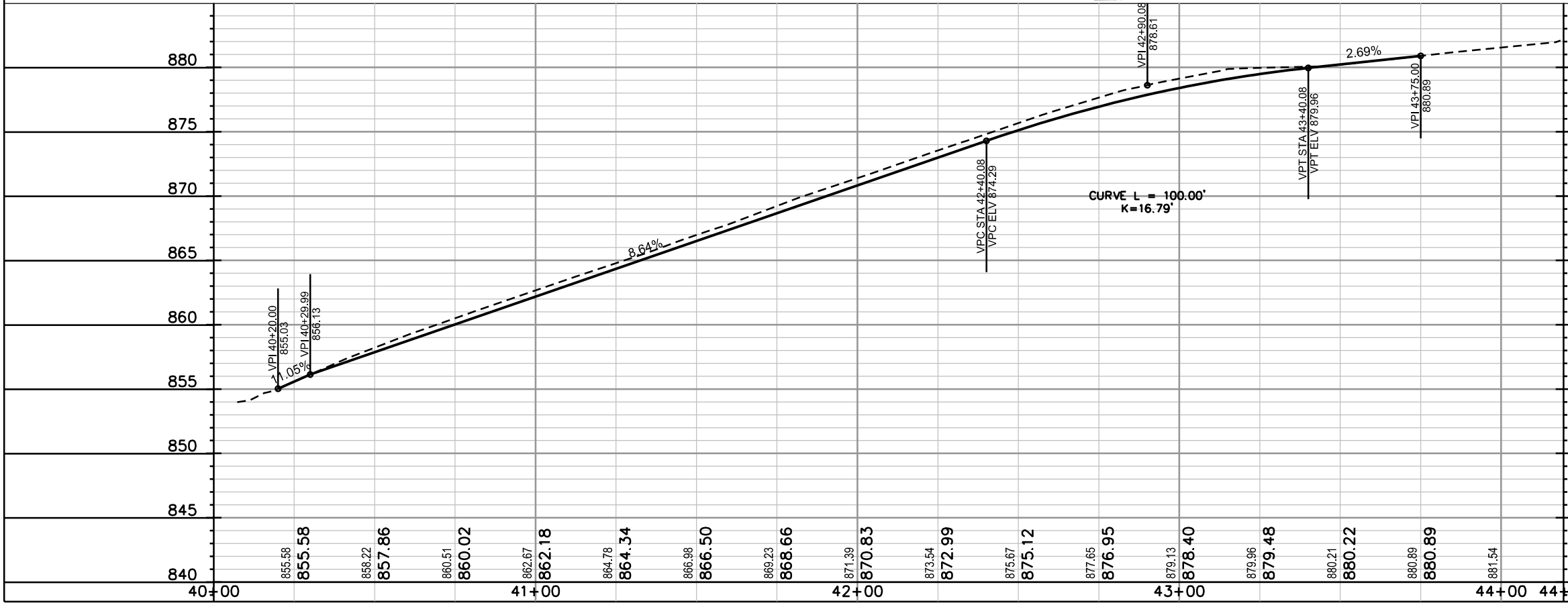
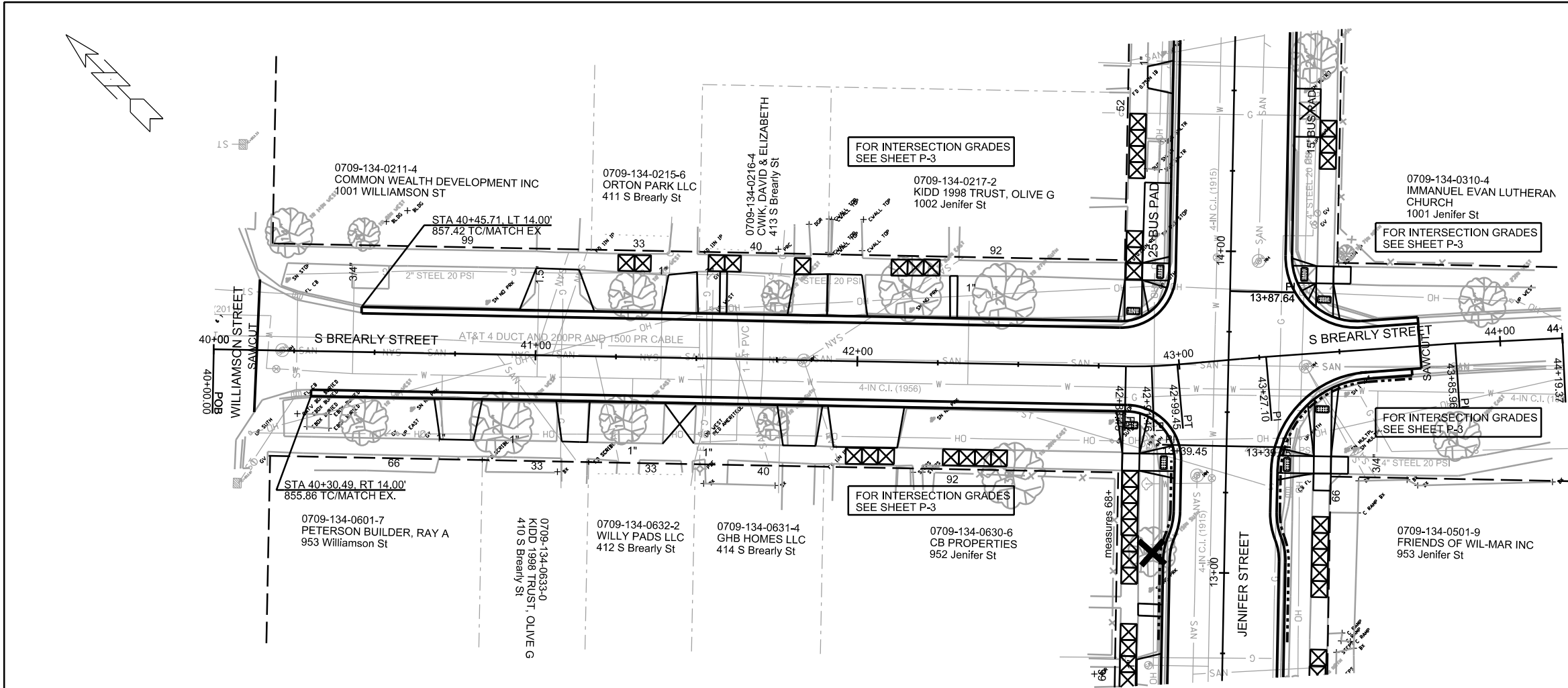


PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLAN AND PROFILE
BREARLY STREET CITY OF MADISON

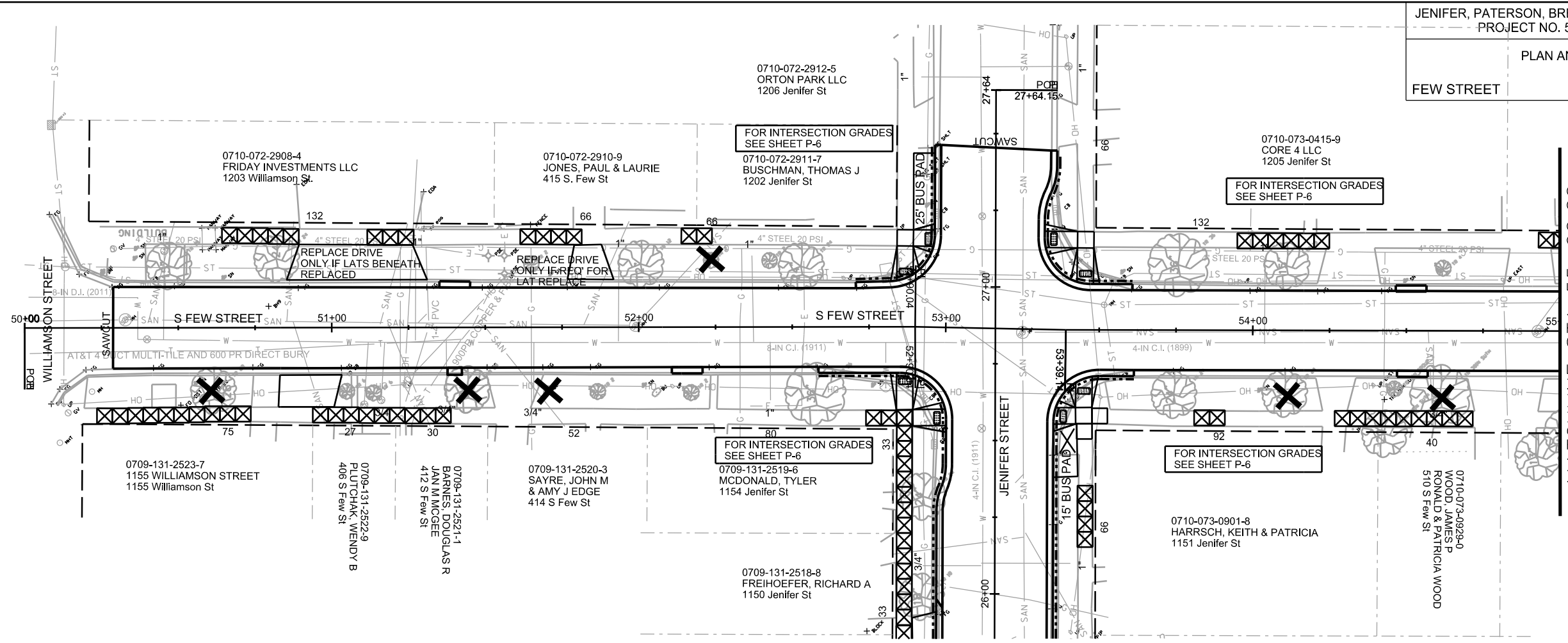
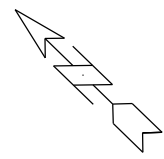


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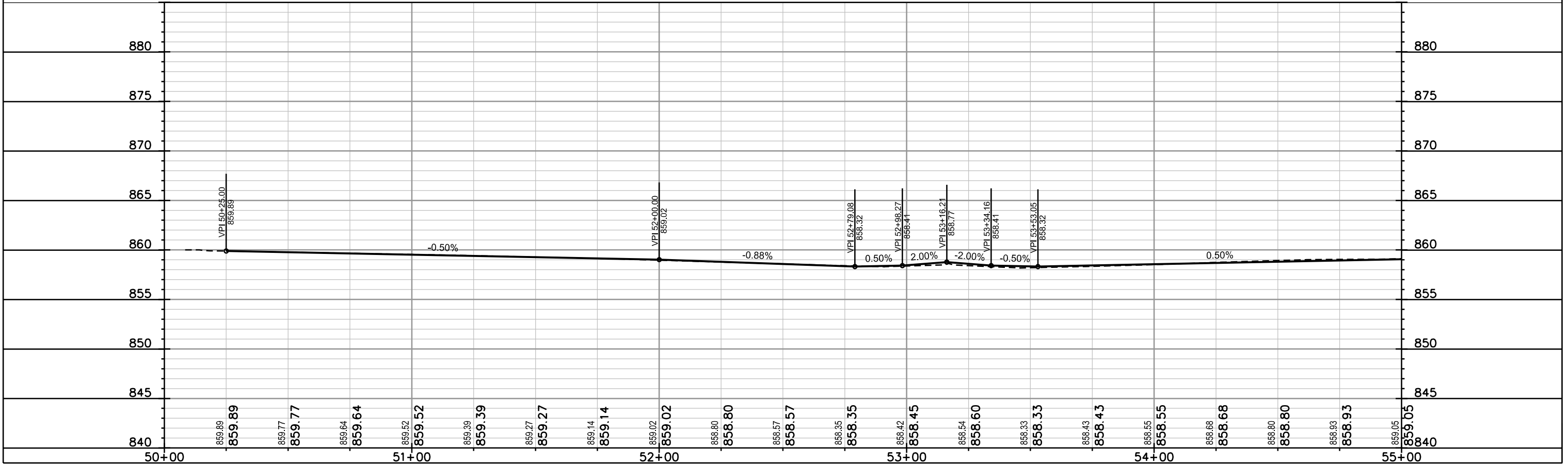
PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



MATCHLINE STA 55+00.00



PLOT SCALE: _____

PLOT NAME: _____

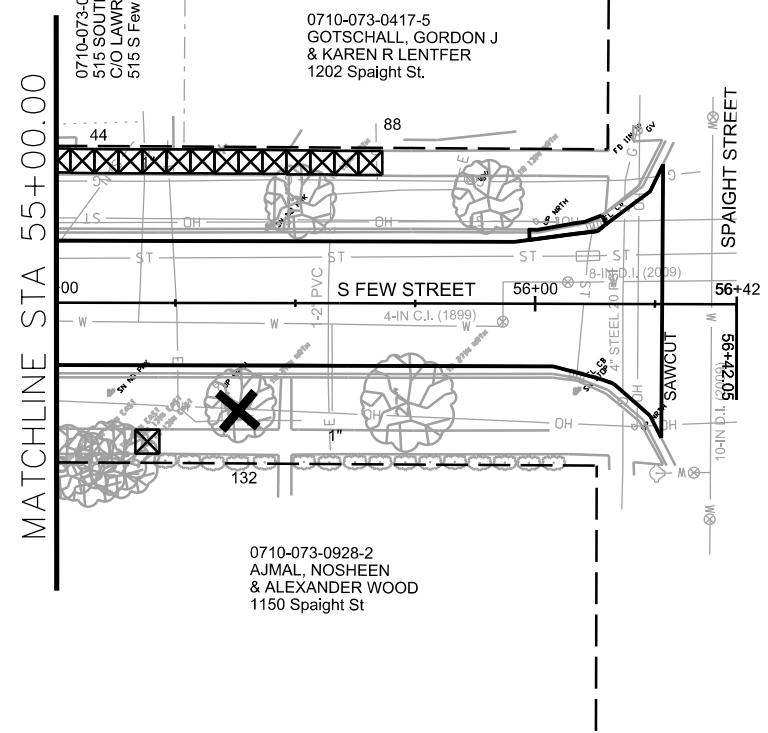
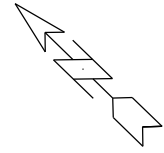
REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLAN AND PROFILE

FEW STREET

CITY OF MADISON



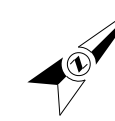
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PLOT NAME: _____

REV. DATE: _____

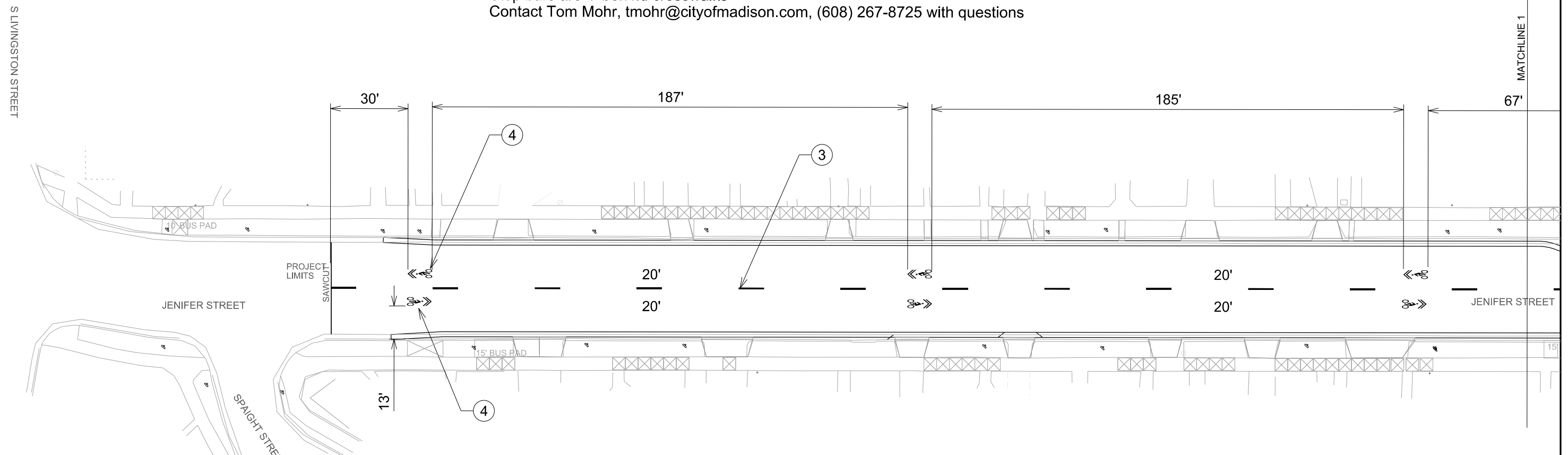
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

EPOXY PAVEMENT MARKING PLAN



| Callout | Bid Item | Description |
|---------|----------|--|
| 1 | 60818 | Pavement Marking Epoxy, 24-Inch, White, Stop Line |
| 2 | 60812 | Pavement Marking Epoxy, Crosswalk, 6-Inch |
| 3 | 60802 | Pavement Marking Epoxy, 6-Inch, Yellow Skips (10' Line, 30' Gap) |
| 4 | 60822 | Pavement Marking Epoxy, Symbol, Bike Sharrow |
| 5 | 60814 | Pavement Marking Epoxy, Crosswalk, 12-Inch |

Dimensions are center of marking to face of curb
 6" Crosswalks are 6' center of marking to center of marking
 12" Crosswalks are 9' center of marking to center of marking
 Stop bars are 4' behind crosswalks
 Contact Tom Mohr, tmohr@cityofmadison.com, (608) 267-8725 with questions



PLOT SCALE:

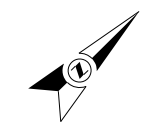
 PLOT NAME:

 REV. DATE:

 ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

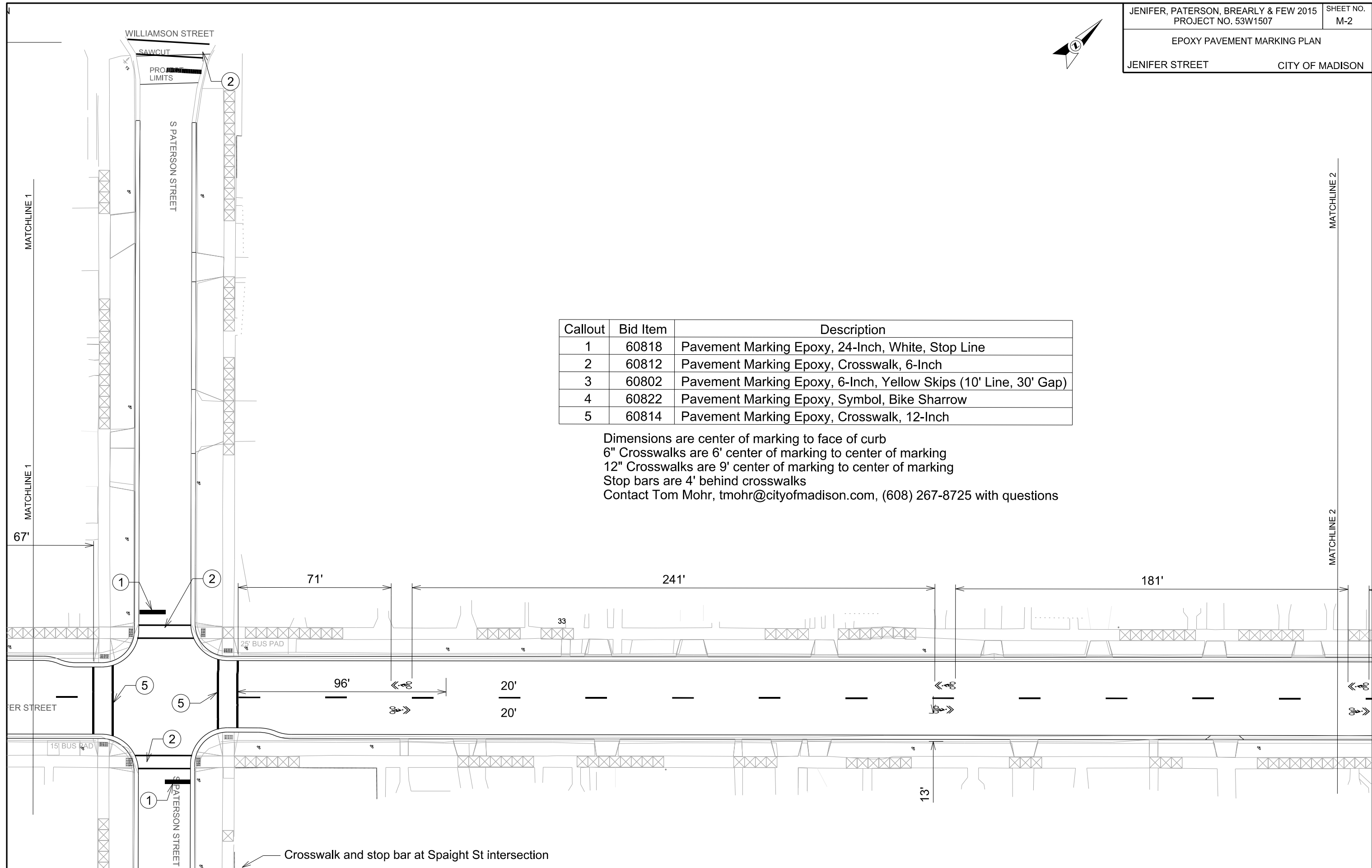
MATCHLINE 1

 MATCHLINE 1

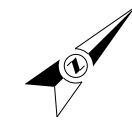


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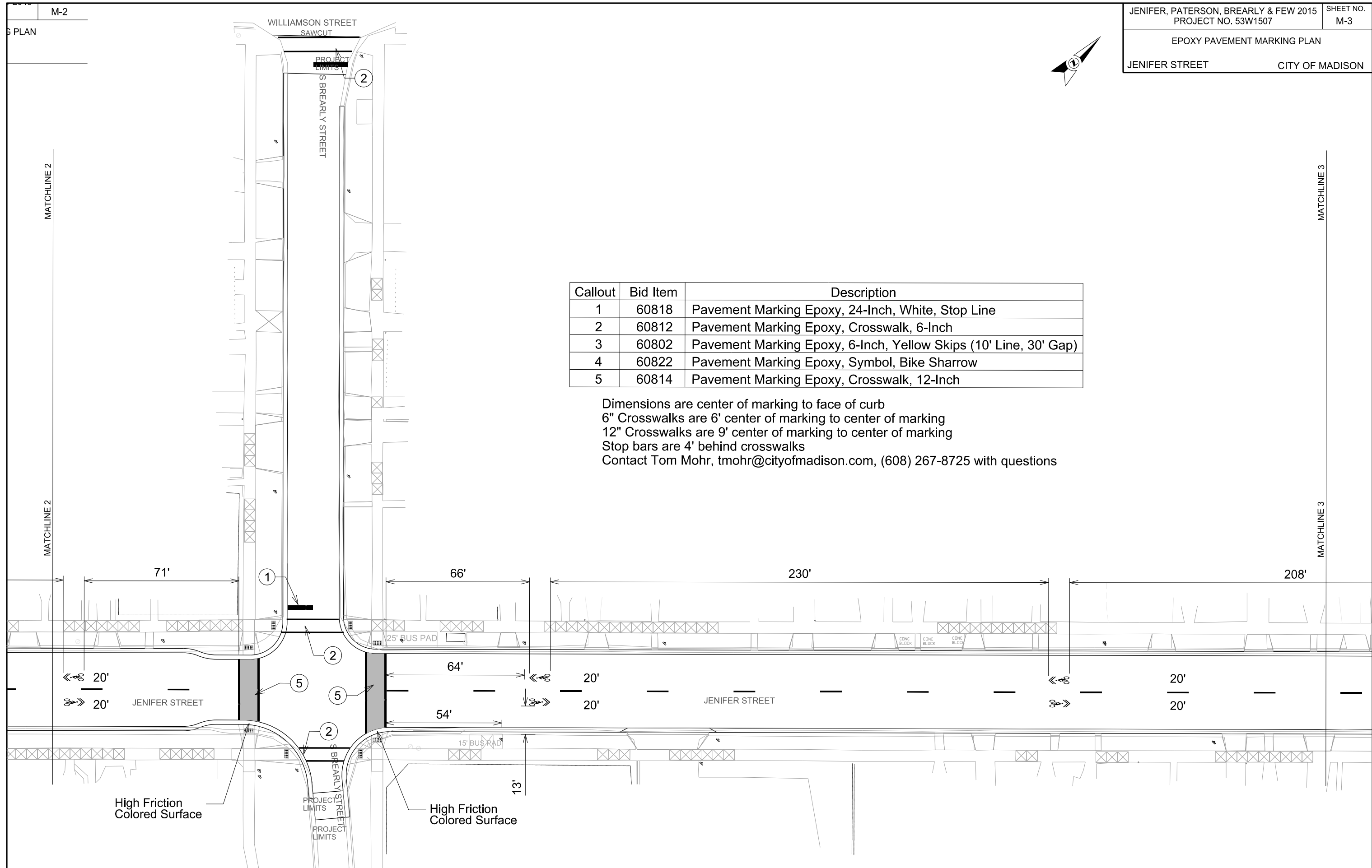


PLOT SCALE:
 PLOT NAME:
 REV. DATE:
 ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



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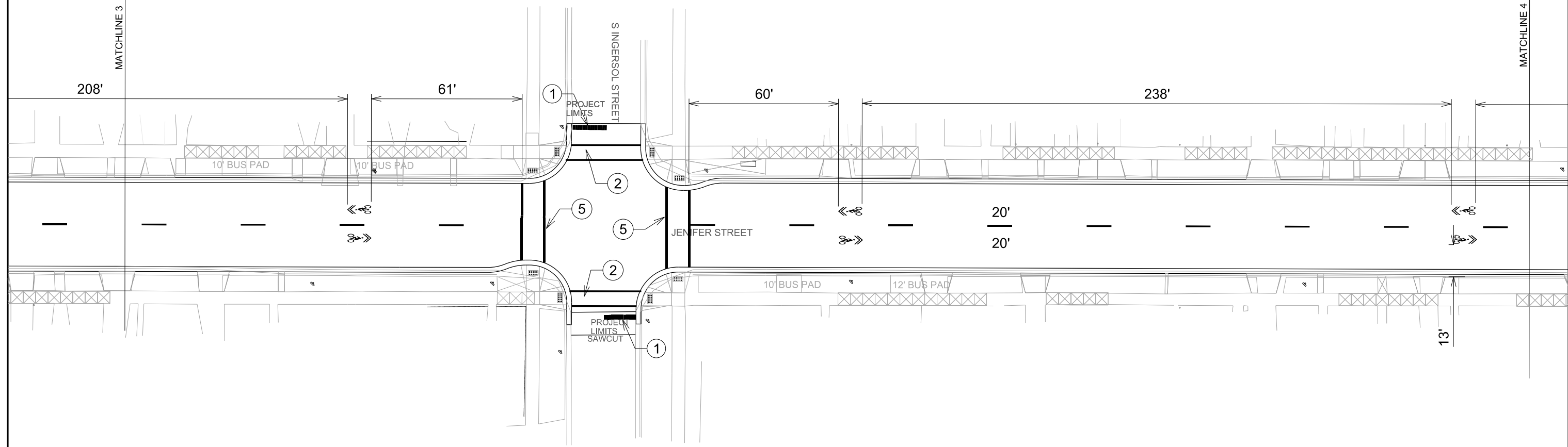


PLOT SCALE:
 PLOT NAME:
 REV. DATE:
 ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

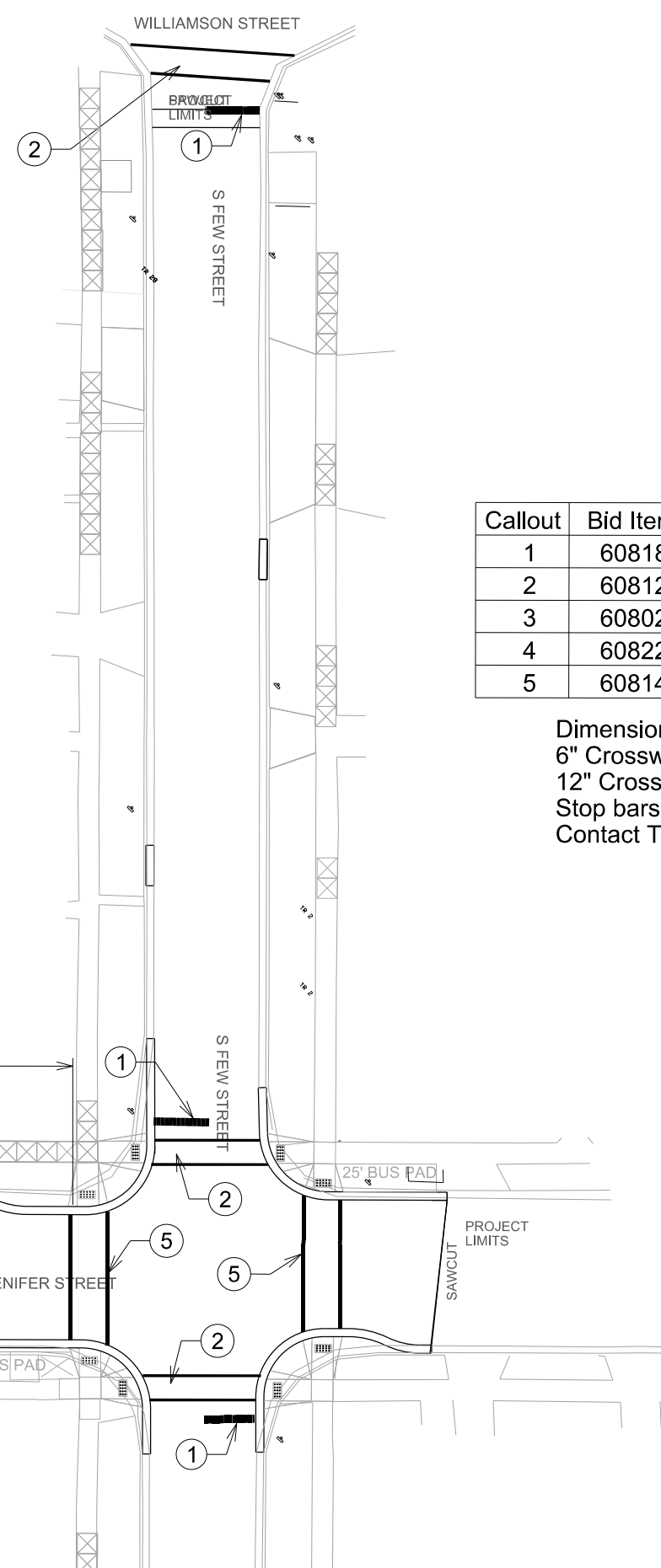
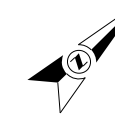


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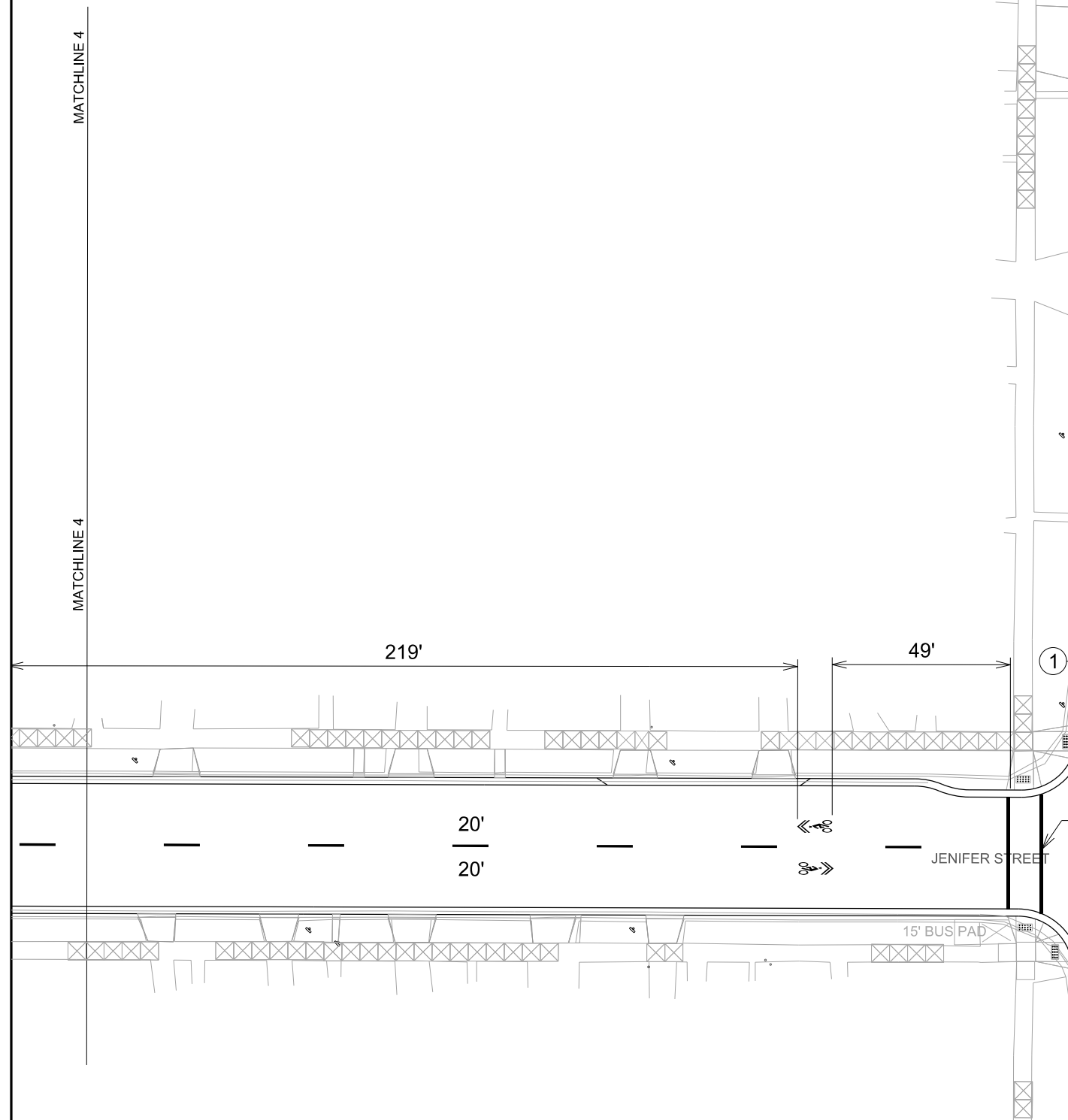
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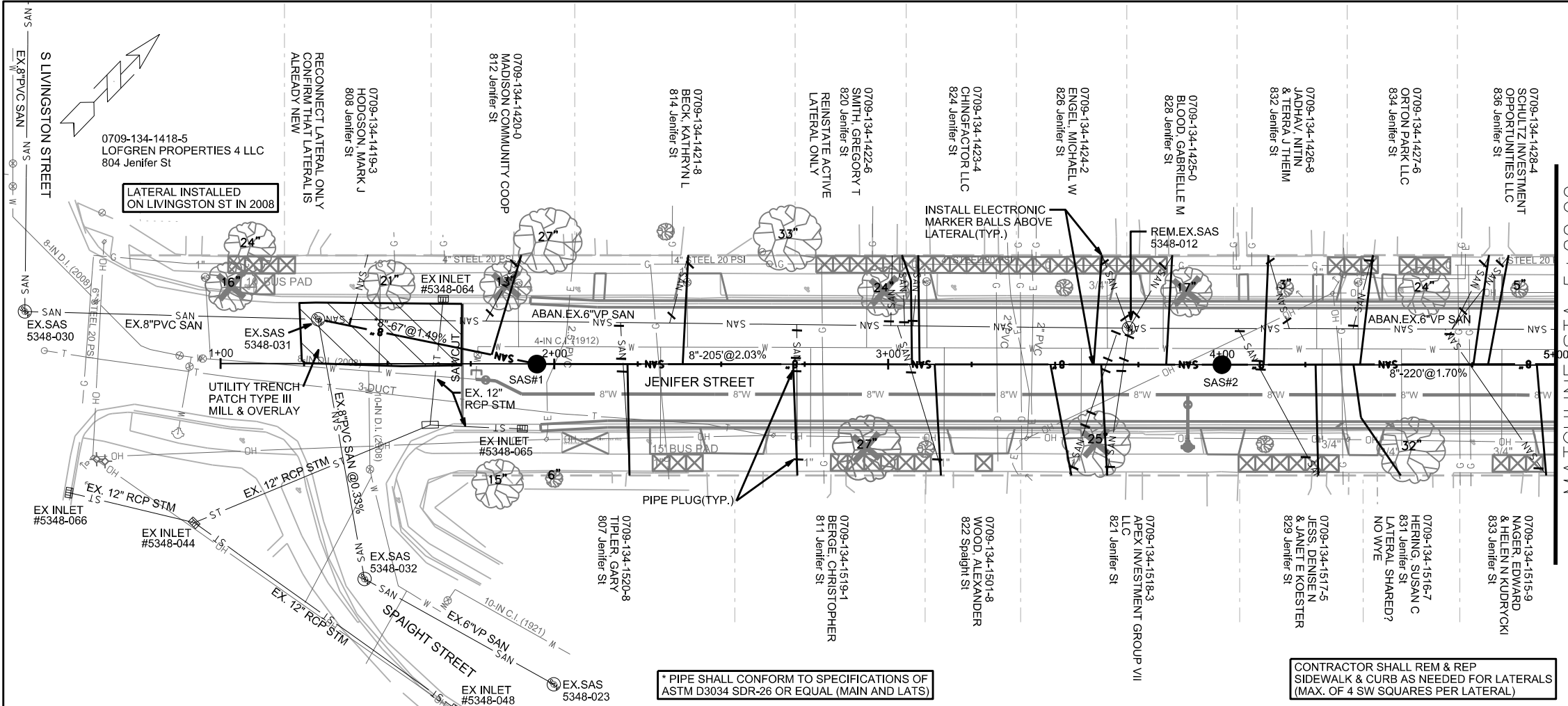
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PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

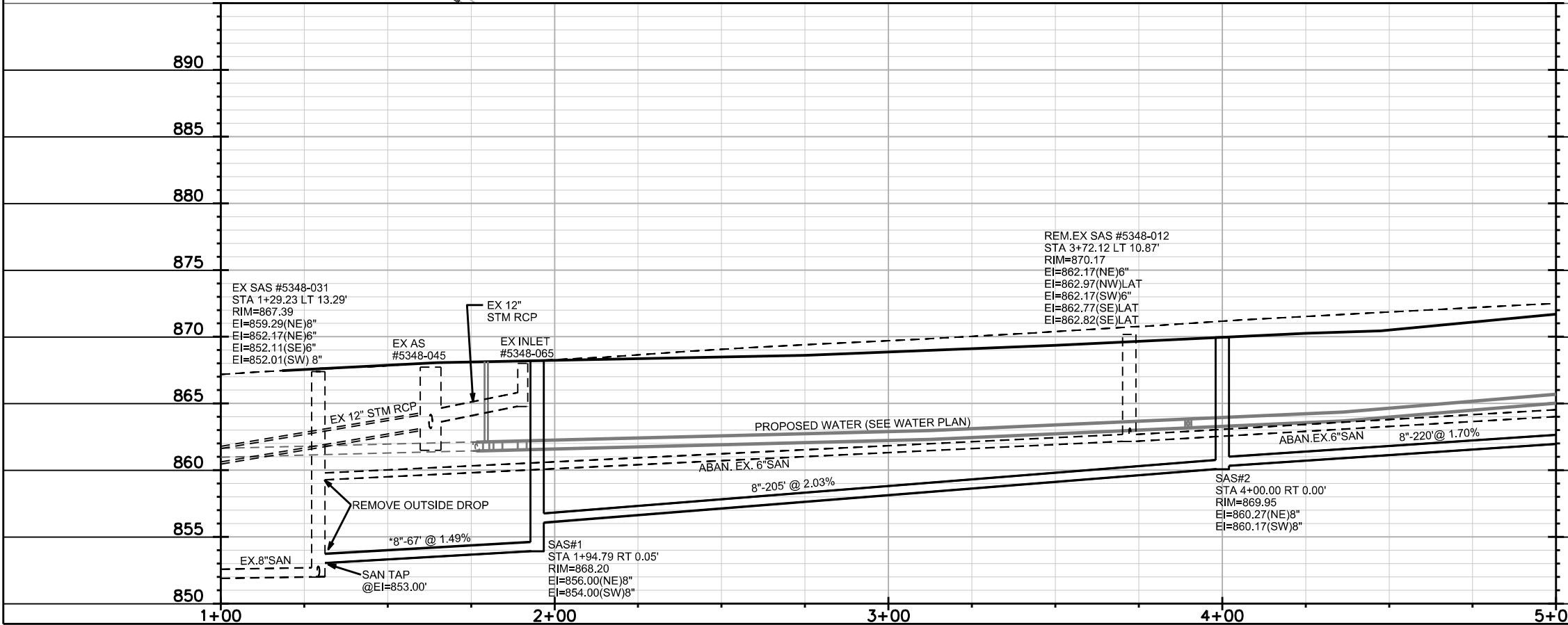




MATCHLINE STA 5+00.00

* PIPE SHALL CONFORM TO SPECIFICATIONS OF ASTM D3034 SDR-26 OR EQUAL (MAIN AND LATS)

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



EX SAS #5348-031
STA 1+29.23 LT 13.29'
RIM=867.39
EI=859.29(NE)8"
EI=852.17(NE)6"
EI=852.11(SE)6"
EI=852.01(SW)8"

EX AS #5348-045
EX INLET #5348-065

REM. EX SAS #5348-012
STA 3+72.12 LT 10.87'
RIM=870.17
EI=862.17(NE)6"
EI=862.97(NW)6"
EI=862.17(SW)6"
EI=862.77(SE)6"
EI=862.82(SE)6"

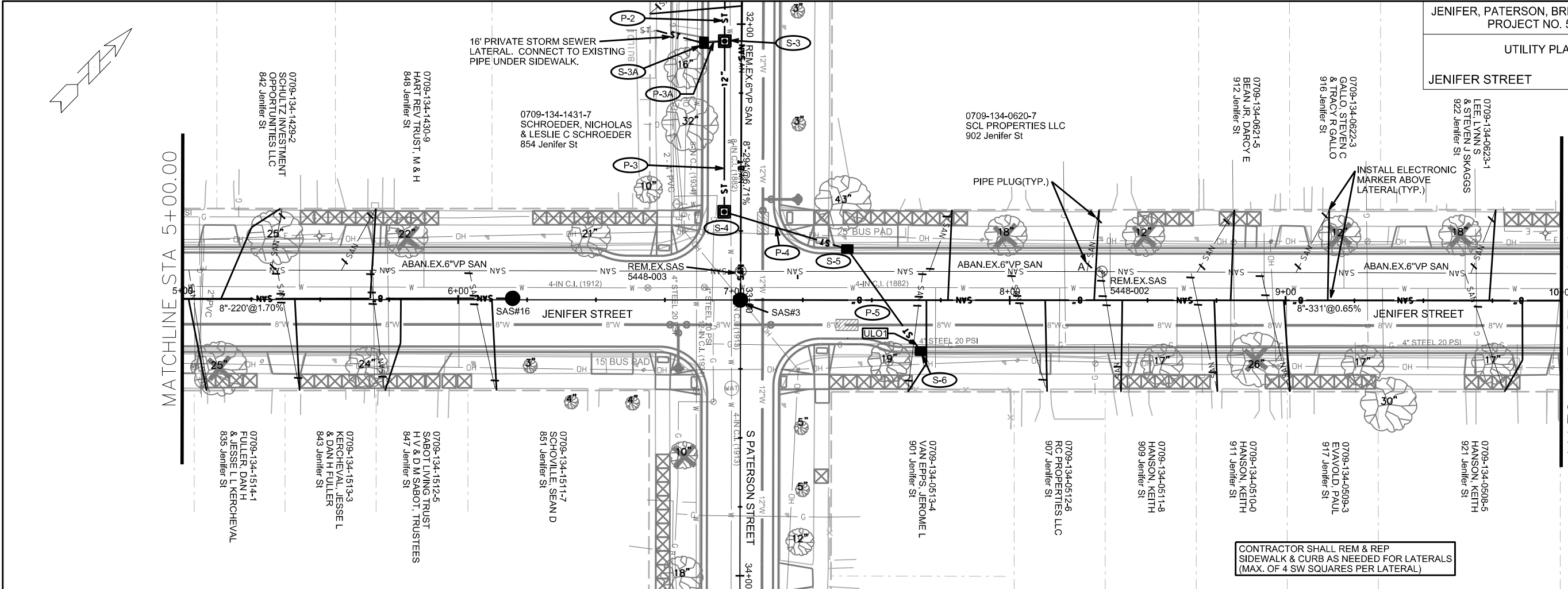
SAS#1
STA 1+94.79 RT 0.05'
RIM=868.20
EI=856.00(NE)8"
EI=854.00(SW)8"

SAS#2
STA 4+00.00 RT 0.00'
RIM=869.95
EI=860.27(NE)8"
EI=860.17(SW)8"

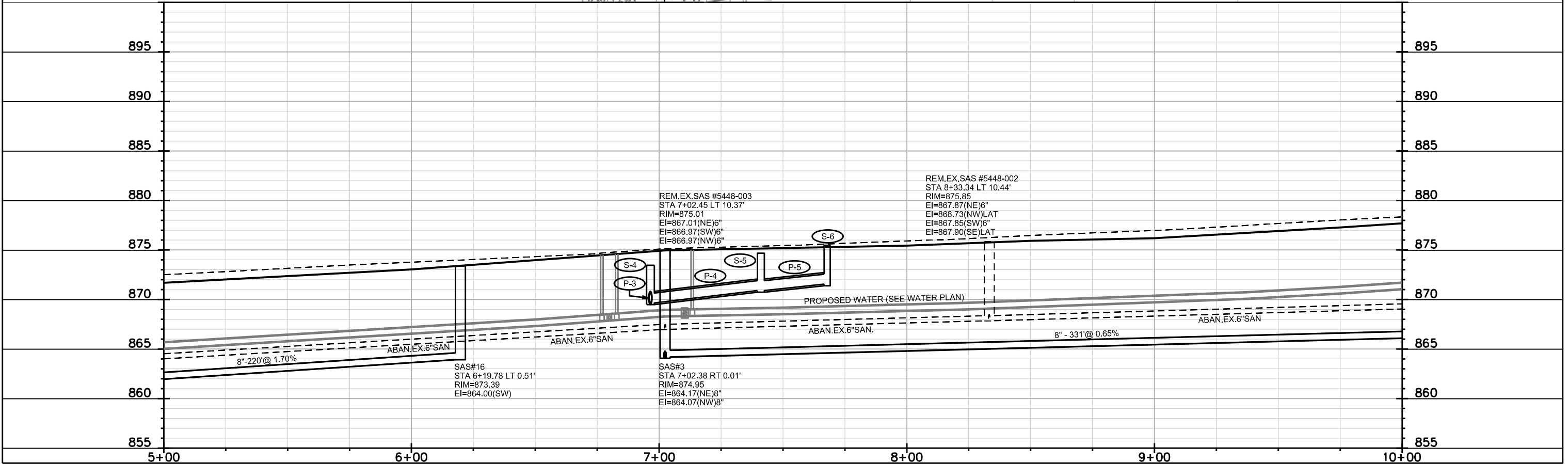
PLOT SCALE:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



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

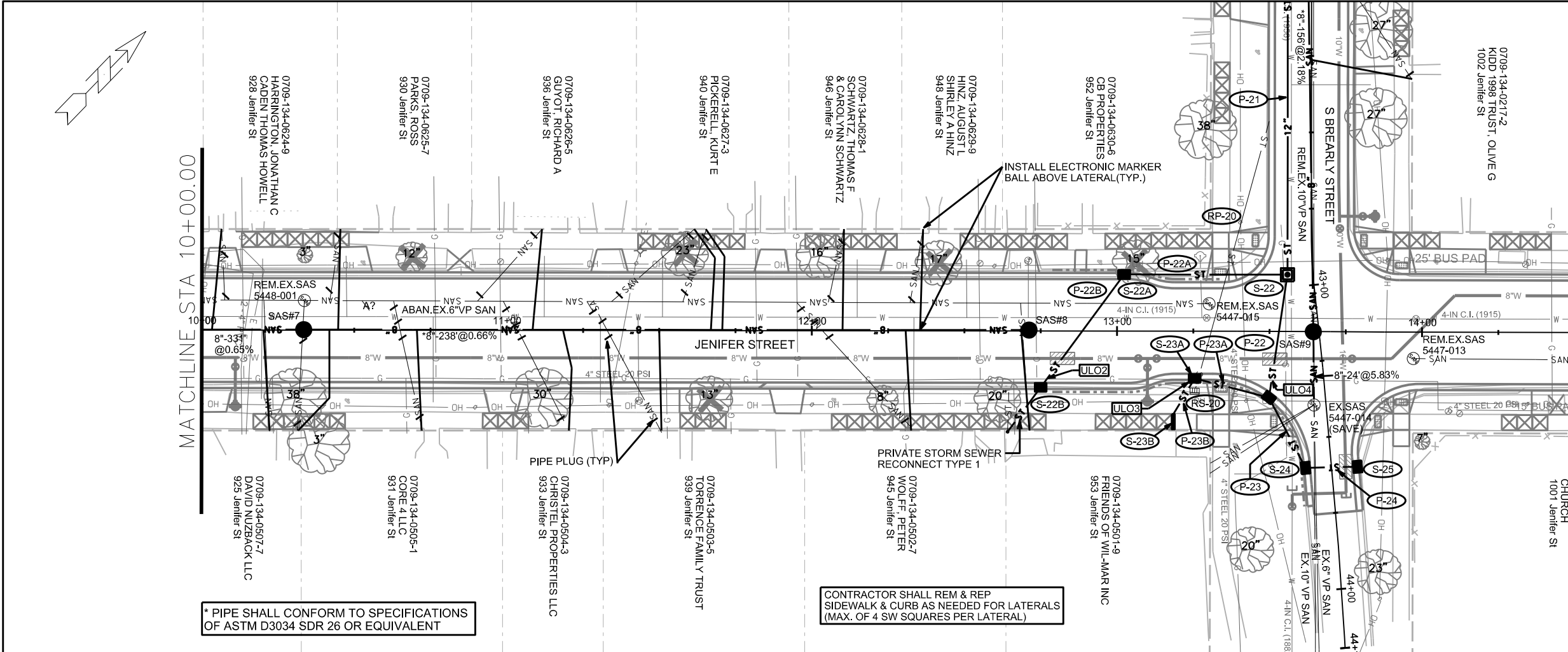


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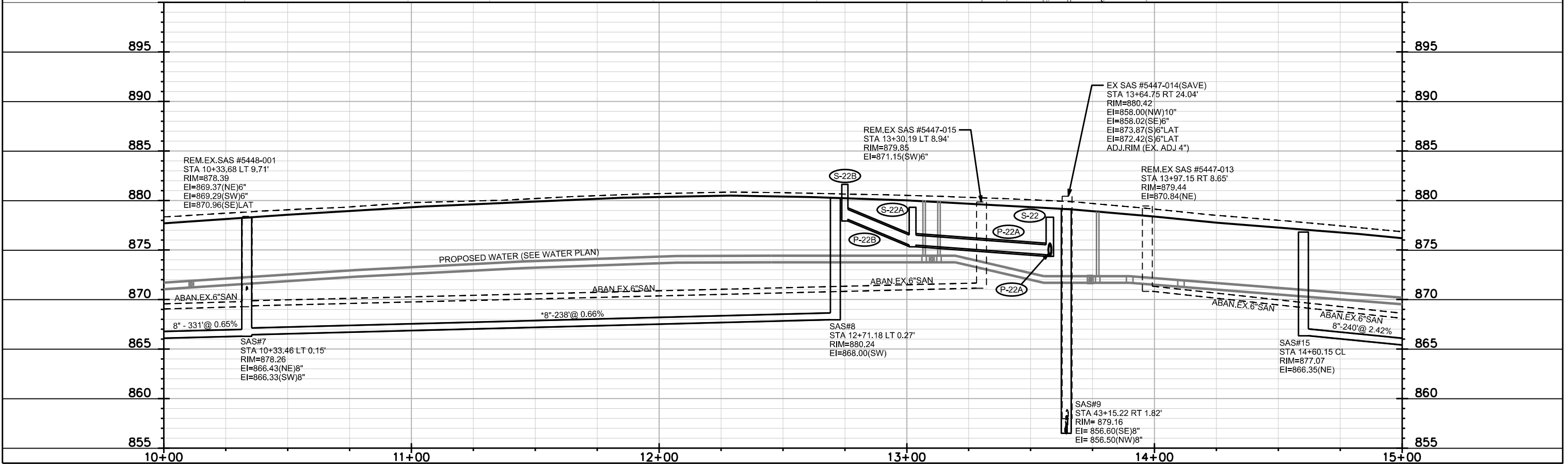
REV. DATE:

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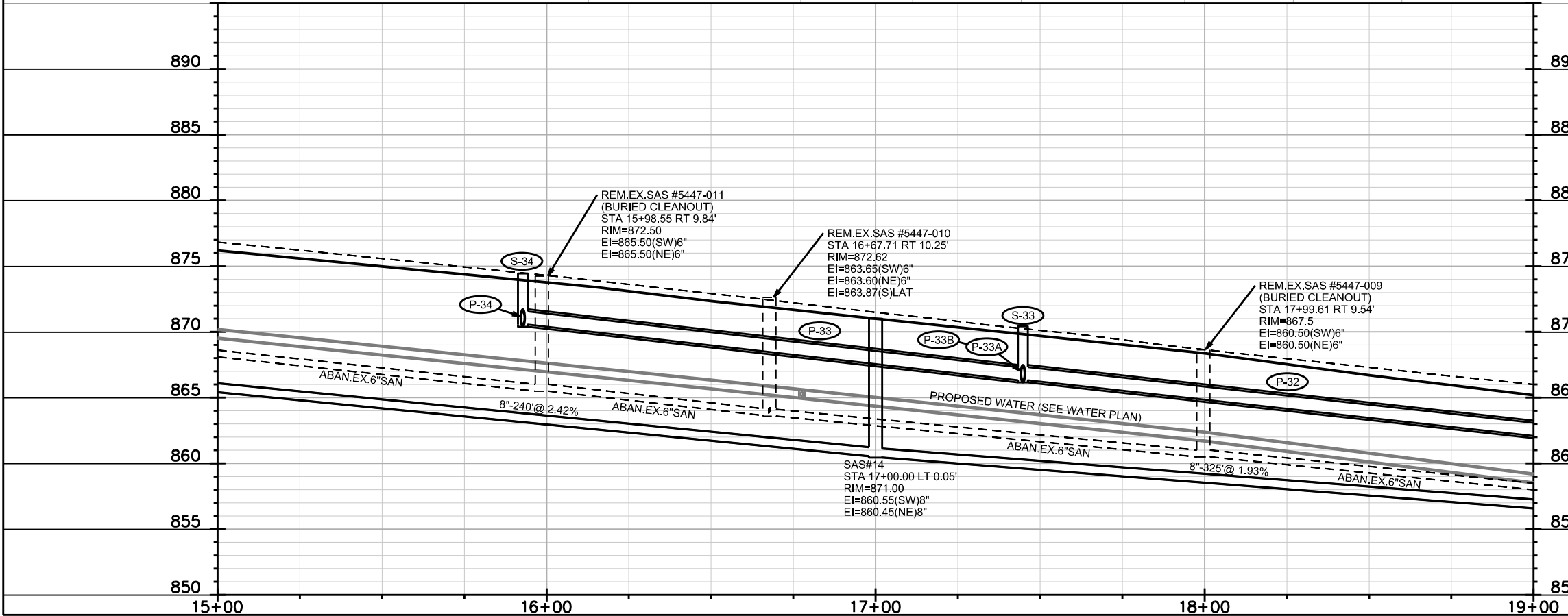
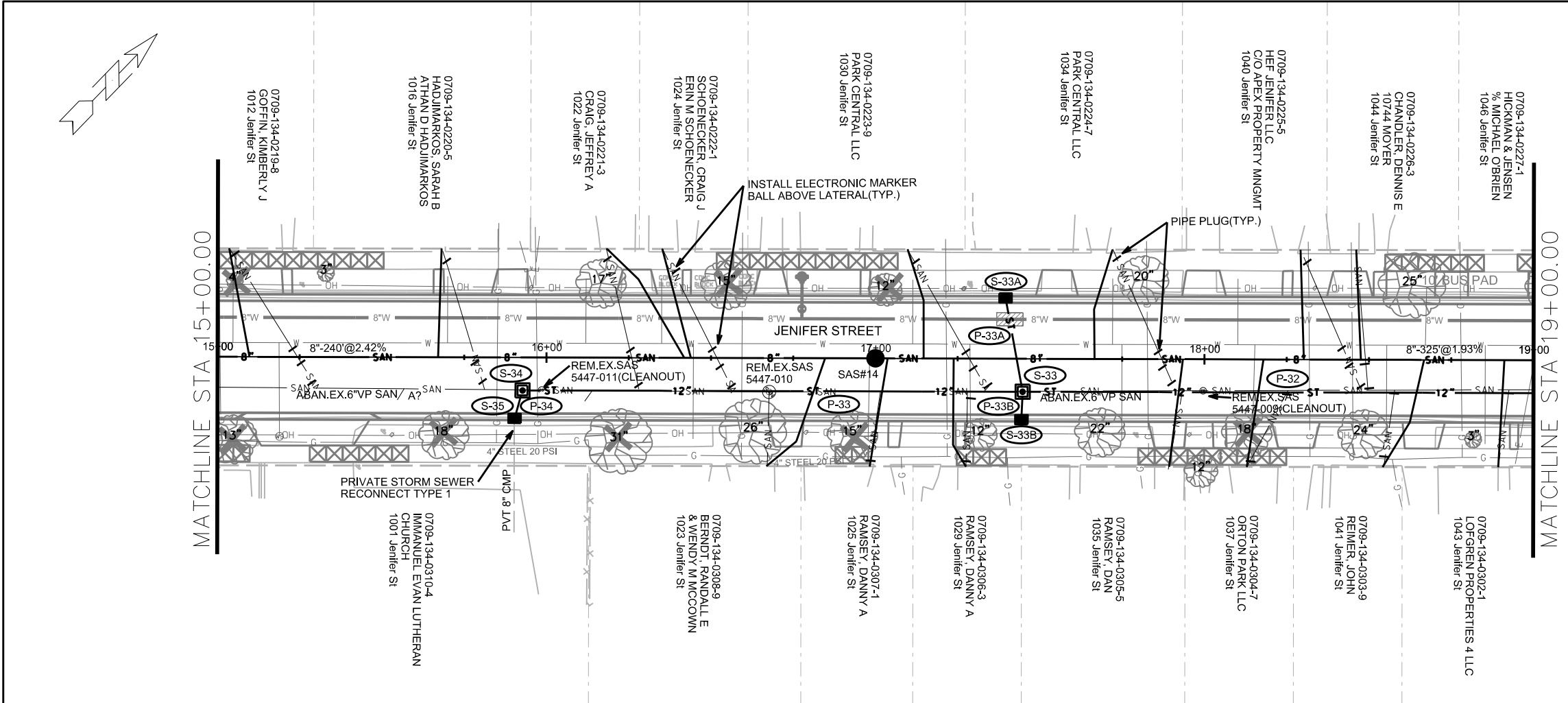


* PIPE SHALL CONFORM TO SPECIFICATIONS OF ASTM D3034 SDR 26 OR EQUIVALENT

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



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

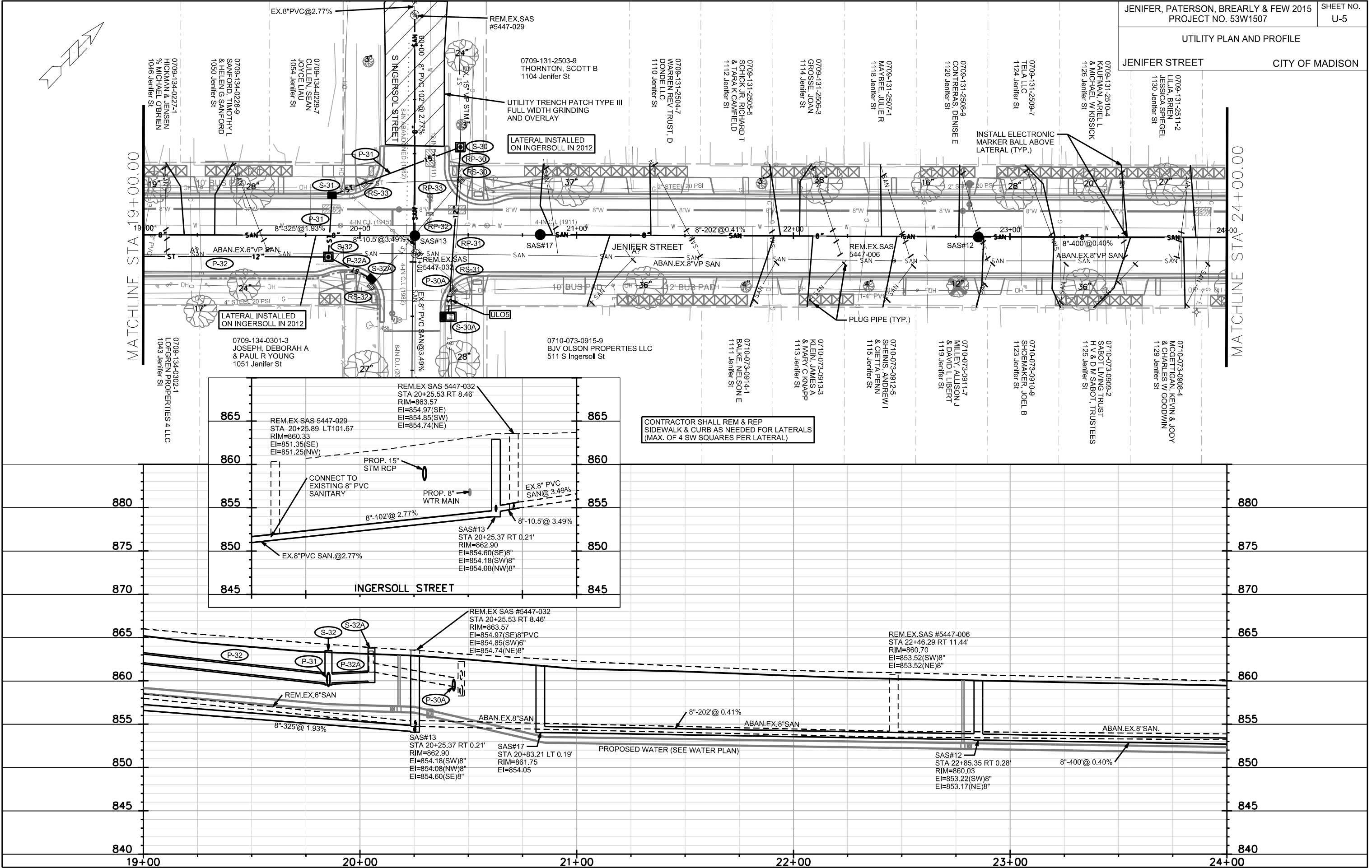


PLOT SCALE:

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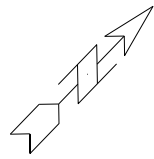


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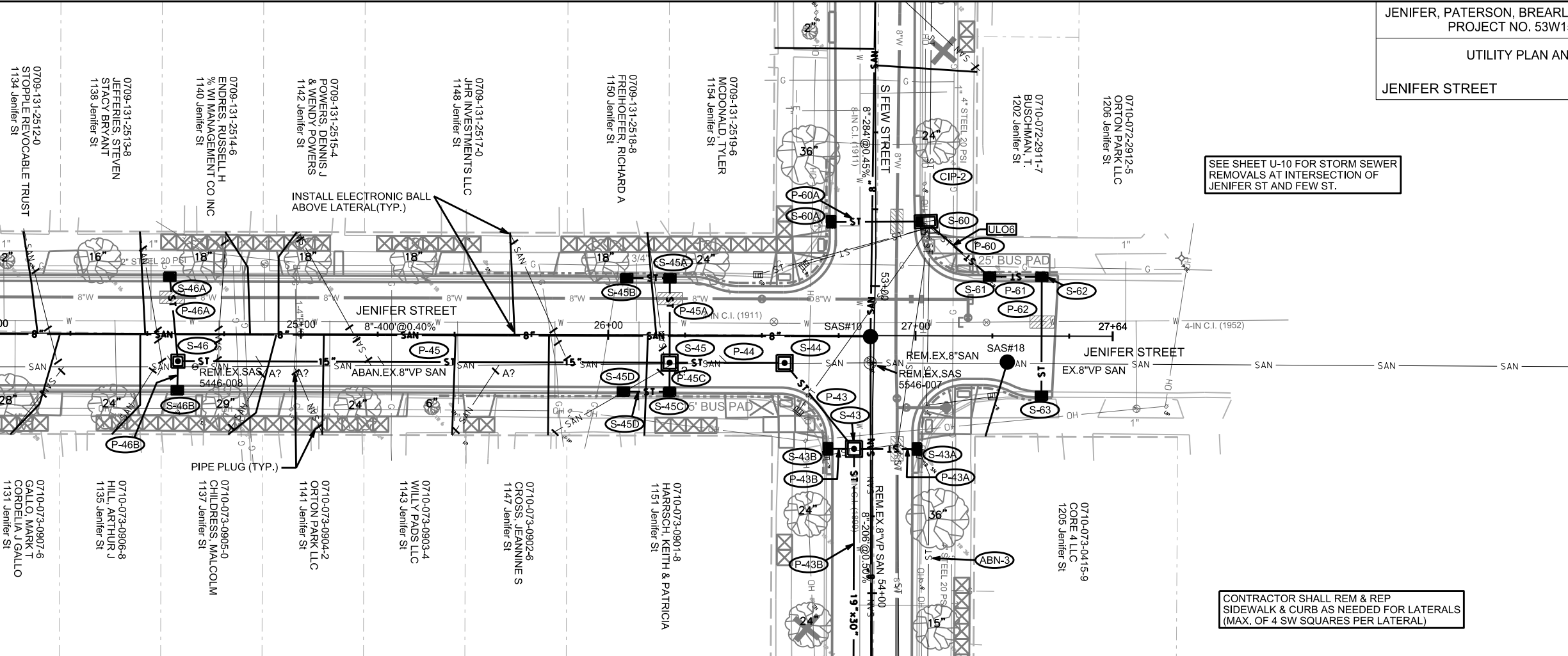
PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



MATCHLINE STA 24+00.00

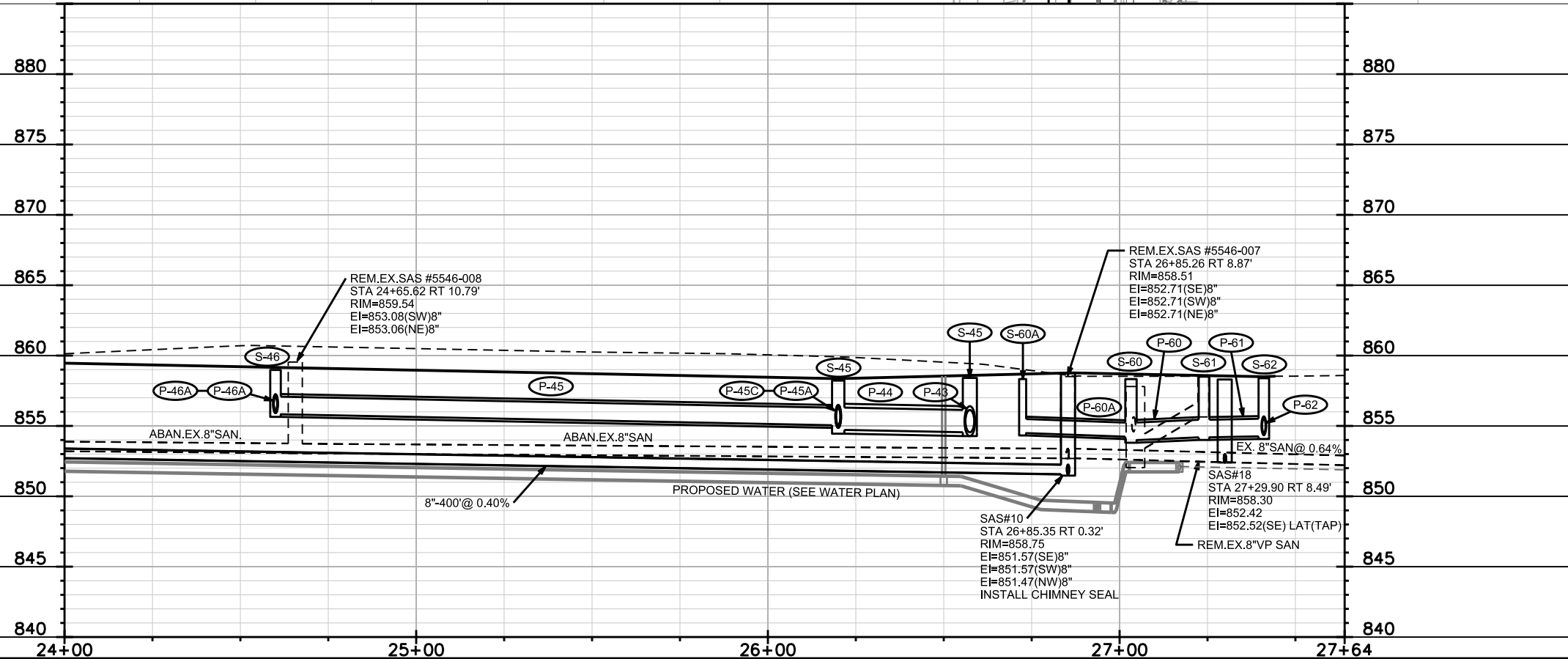


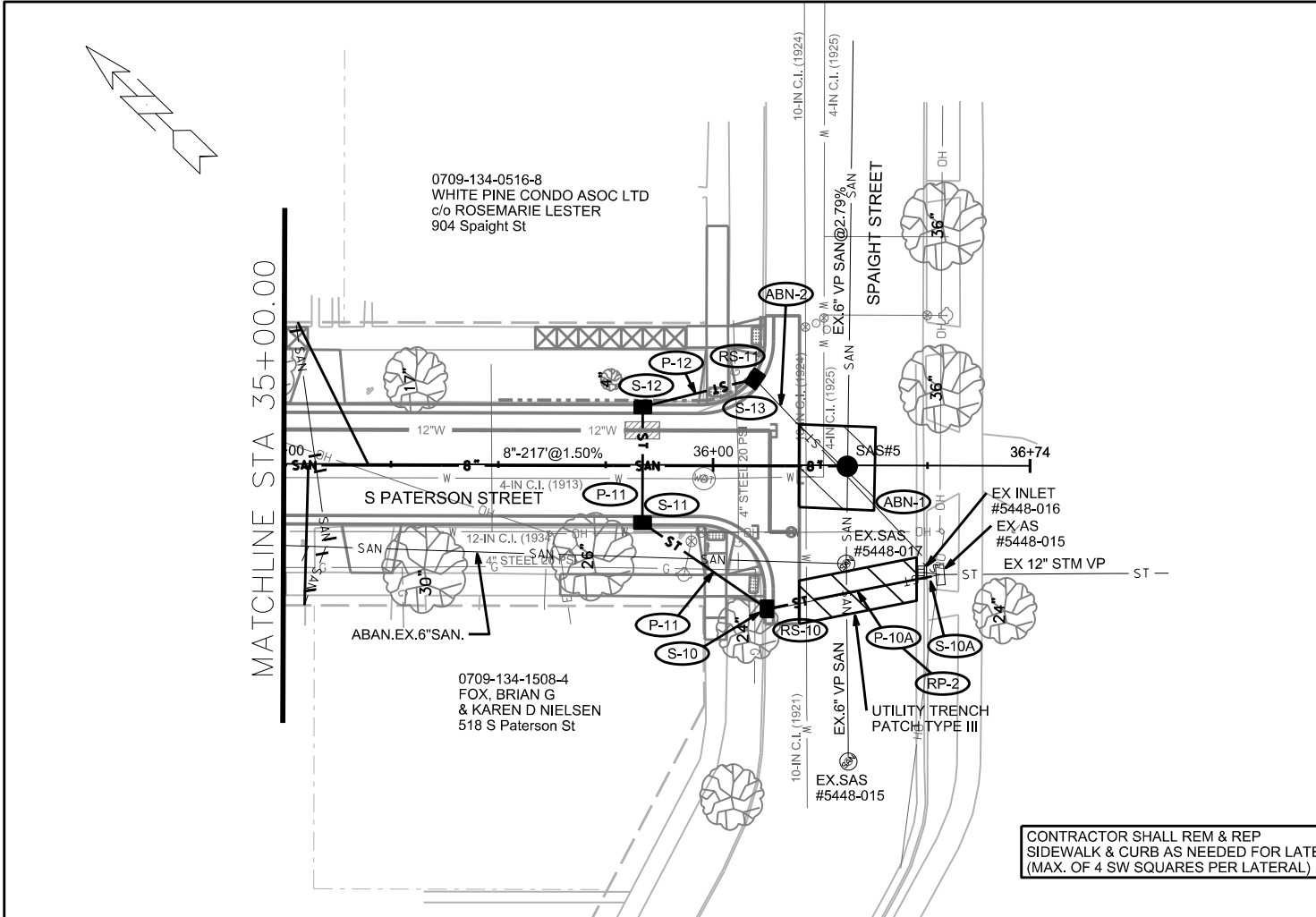
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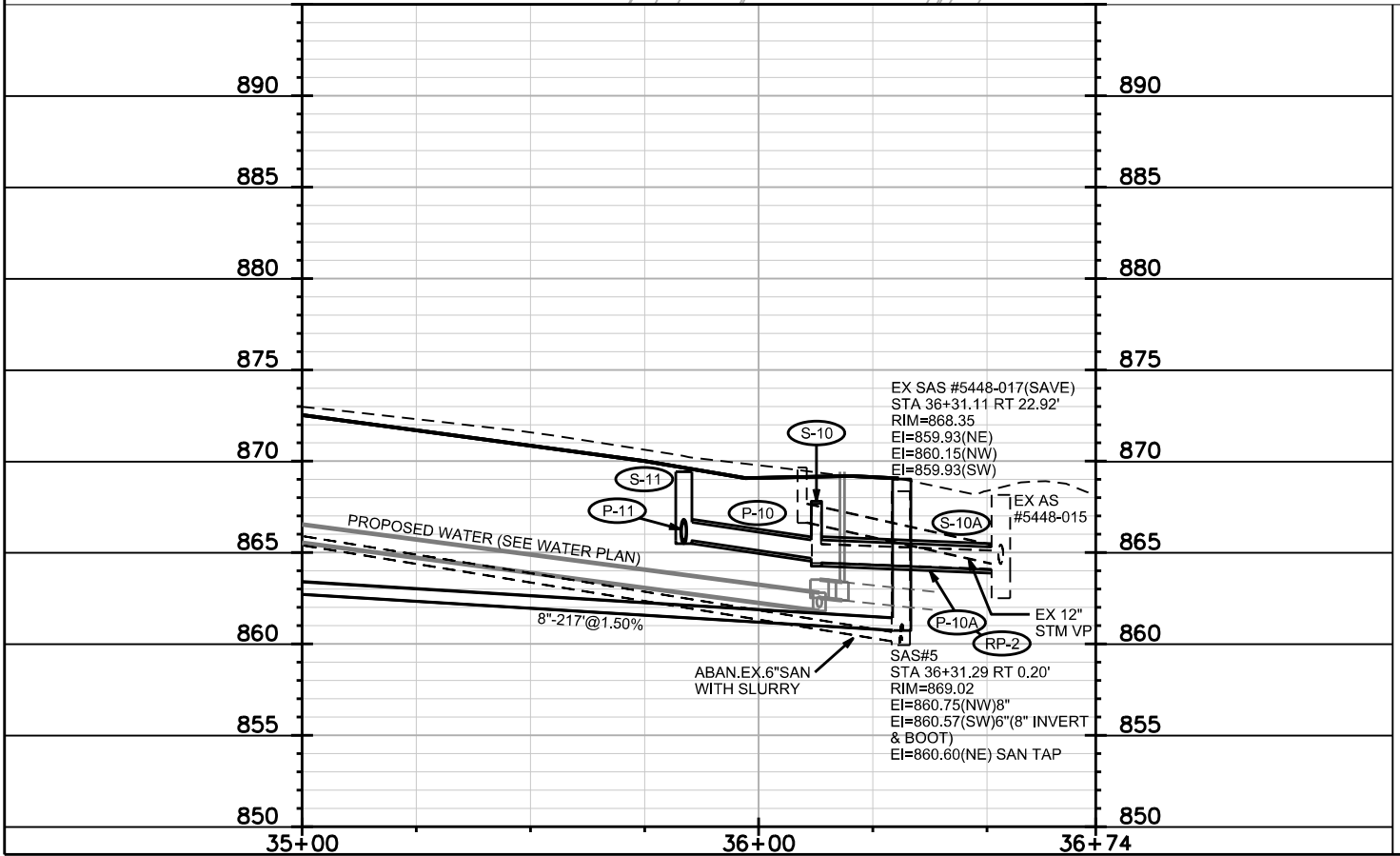
REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION





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



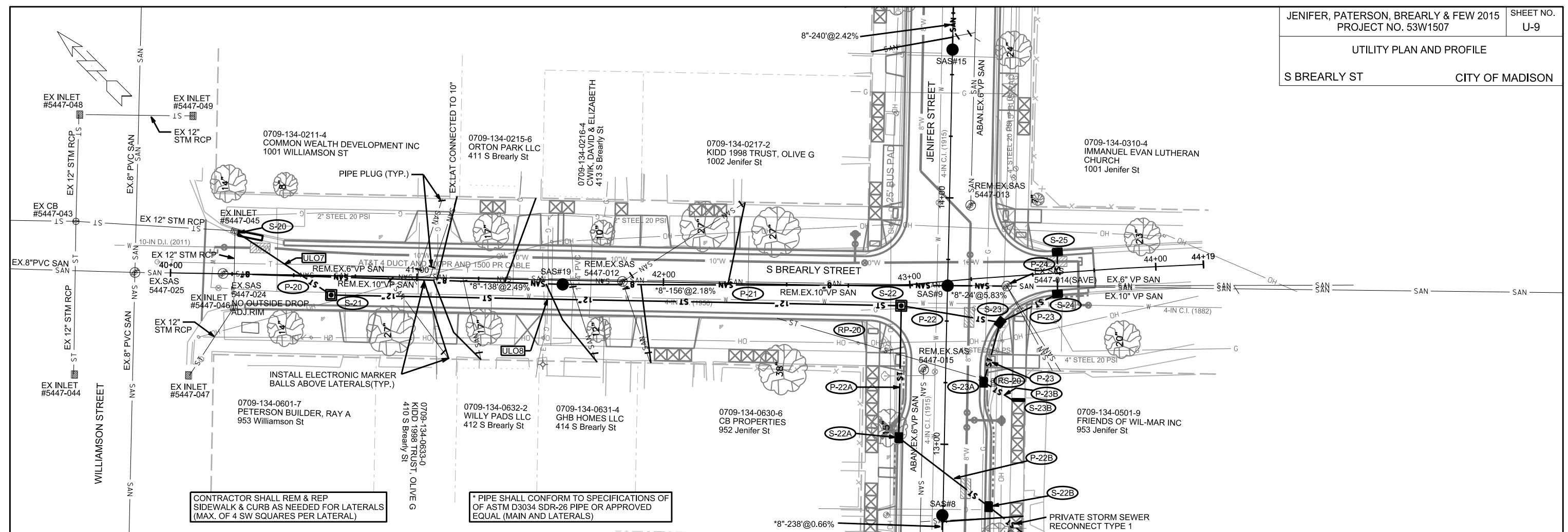
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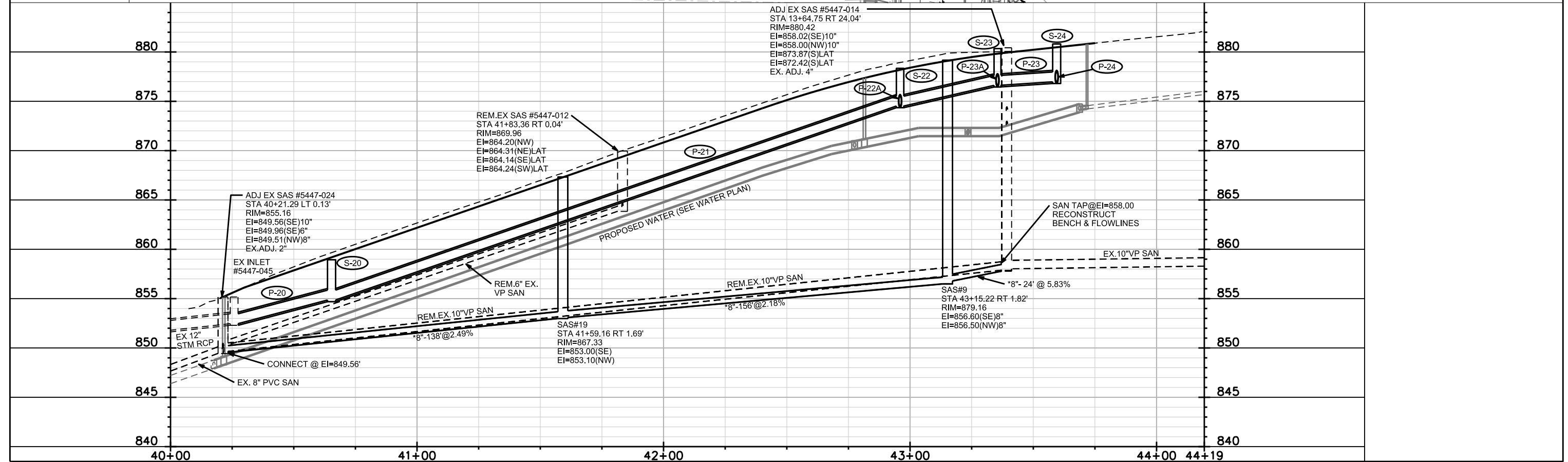
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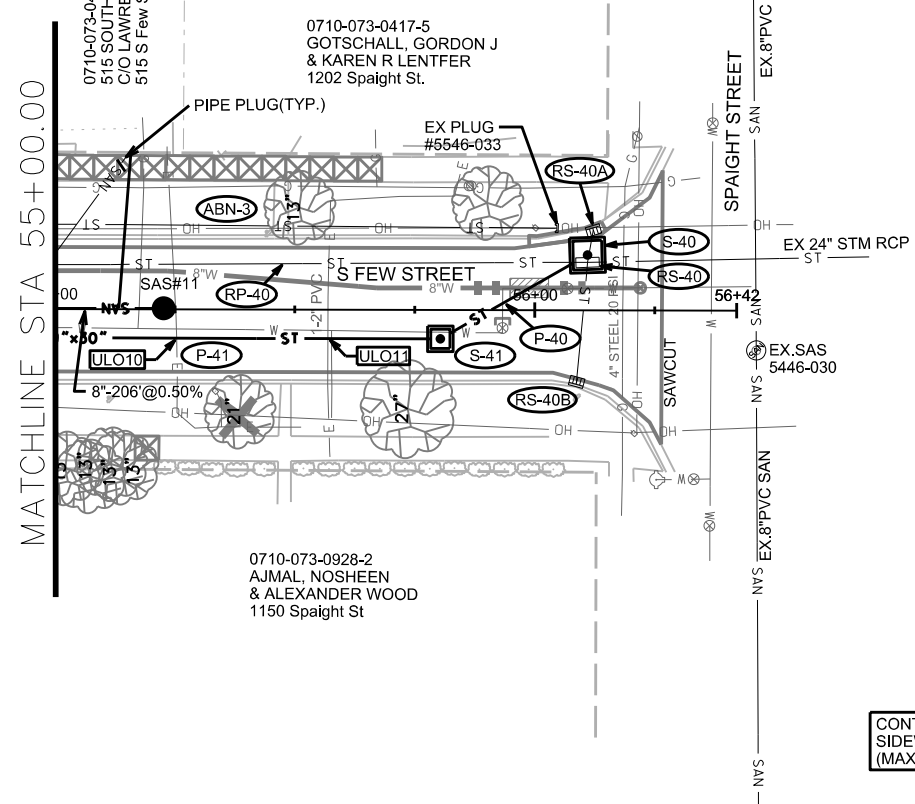
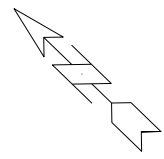
UTILITY PLAN AND PROFILE
 S BREARLY ST CITY OF MADISON



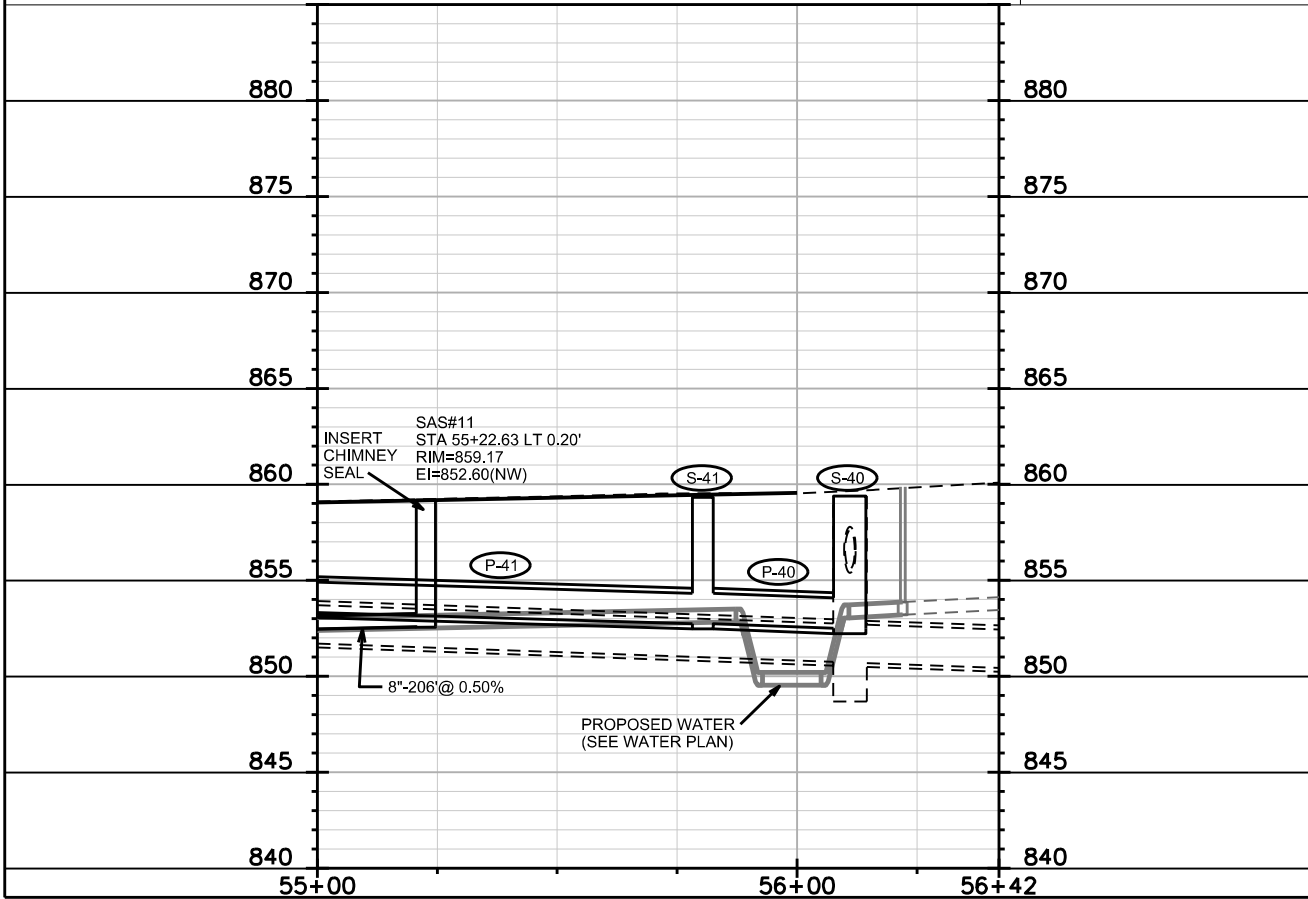
CONTRACTOR SHALL REM & REP SIDEWALK & CURB AS NEEDED FOR LATERALS (MAX. OF 4 SW SQUARES PER LATERAL)

* PIPE SHALL CONFORM TO SPECIFICATIONS OF ASTM D3034 SDR-26 PIPE OR APPROVED EQUAL (MAIN AND LATERALS)





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



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

SANITARY SEWER SCHEDULE

JENIFER STREET
PROJECT NO. 53W1507

SHEET NO.
U-12

SANITARY SEWER SCHEDULE

CITY OF MADISON

PROPOSED SANITARY STRUCTURES

| SAS NO. | STATION | LOCATION (OFFSET) | TOP OF CASTING | E.I. | DEPTH | NOTES |
|---------------------------|----------|-------------------|----------------|--------|-------|---------------------|
| FEW STREET | | | | | | |
| SAS #11 | 55+22.63 | LT-0.20 | 859.17 | 852.60 | 6.57 | INSERT CHIMNEY SEAL |
| JENIFER STREET | | | | | | |
| SAS #1 | 1+94.79 | RT-0.05 | 868.20 | 854.00 | 14.20 | |
| SAS #2 | 4+00.00 | RT-0' | 869.95 | 860.17 | 9.78 | |
| SAS #16 | 6+19.78 | LT-0.51 | 873.39 | 864.00 | 9.39 | |
| SAS #3 | 7+02.38 | RT-0.01 | 874.95 | 864.07 | 10.88 | |
| SAS #7 | 10+33.46 | LT-0.15 | 878.26 | 866.33 | 11.93 | |
| SAS #8 | 12+71.18 | LT-0.27 | 880.24 | 868.00 | 12.24 | |
| SAS #10 | 26+85.35 | RT-0.32 | 858.75 | 851.47 | 7.28 | INSERT CHIMNEY SEAL |
| SAS #12 | 22+85.35 | RT-0.28 | 860.03 | 853.17 | 6.86 | |
| SAS #13 | 20+25.37 | RT-0.21 | 862.90 | 854.08 | 8.82 | |
| SAS #14 | 17+00.00 | LT-0.05 | 871.00 | 860.45 | 10.55 | |
| SAS #15 | 14+60.15 | RT-0' | 877.07 | 866.35 | 10.72 | |
| SAS #17 | 20+83.21 | LT-0.19 | 861.75 | 854.05 | 7.70 | |
| SAS #18 | 27+29.90 | RT-8.49 | 858.30 | 852.42 | 5.88 | |
| S. BREARLY STREET | | | | | | |
| SAS #9 | 43+15.22 | RT-1.82 | 879.16 | 856.50 | 22.66 | |
| SAS #19 | 41+59.16 | RT-1.69 | 867.33 | 856.50 | 10.83 | |
| S. PATERSON STREET | | | | | | |
| SAS #6 | 34+14.79 | RT-0.33 | 874.04 | 864.00 | 10.04 | |
| SAS #5 | 36+31.29 | RT-0.20 | 869.02 | 860.57 | 8.45 | |

REMOVE STRUCTURES

| SAS NO. | STATION | LOCATION (OFFSET) | TOP OF CASTING | E.I. | DEPTH | NOTES |
|----------------------------|----------|-------------------|----------------|--------|-------|---------------------------|
| S. FEW STREET | | | | | | |
| EX 5446-009 | 51+98.95 | LT-0.61 | 859.07 | 852.71 | 6.36 | |
| EX 5446-011 | 54+92.96 | RT-0.12 | 858.98 | 853.53 | 5.45 | CLEANOUT |
| JENIFER STREET | | | | | | |
| EX 5448-012 | 3+72.12 | LT-10.87 | 870.17 | 862.17 | 8.00 | |
| EX 5448-003 | 7+02.45 | LT-10.37 | 875.01 | 866.97 | 8.04 | |
| EX 5448-002 | 8+33.34 | LT-10.44 | 875.85 | 867.85 | 8.00 | |
| EX 5448-001 | 10+33.68 | LT-9.71 | 878.39 | 869.29 | 9.10 | |
| EX 5447-015 | 13+30.19 | LT-8.94 | 879.58 | 871.15 | 8.43 | |
| EX 5447-013 | 13+97.15 | RT-8.65 | 879.44 | 870.84 | 8.60 | |
| EX 5447-011 | 15+98.55 | RT-9.84 | 872.50 | 865.50 | 7.00 | BURIED CLEANOUT |
| EX 5447-010 | 16+67.71 | RT-10.25 | 872.62 | 863.60 | 9.02 | |
| EX 5447-009 | 17+99.61 | RT-9.54 | 867.50 | 860.50 | 7.00 | BURIED CLEANOUT |
| EX 5447-032 | 20+25.53 | RT-8.46 | 863.57 | 854.97 | 8.60 | |
| EX 5446-006 | 22+46.29 | RT-11.44 | 860.70 | 853.52 | 7.18 | |
| EX 5446-008 | 24+65.62 | RT-10.79 | 859.54 | 853.06 | 6.48 | |
| EX 5446-007 | 26+85.26 | RT-8.87 | 858.51 | 852.71 | 5.80 | |
| S. INGERSOLL STREET | | | | | | |
| EX 5447-029 | 20+25.89 | LT-101.67 | 860.33 | 851.25 | 9.08 | JENIFER STREET STATIONING |
| S. BREARLY STREET | | | | | | |
| EX 5447-012 | 41+83.36 | RT-0.04 | 869.96 | 864.20 | 5.76 | |
| S. PATERSON STREET | | | | | | |
| EX 5448-016 | 34+72.12 | LT-0.61 | 859.07 | 852.71 | 6.36 | |

ADJUST STRUCTURES

| SAS NO. | STATION | LOCATION (OFFSET) | EX. RIM | PROP. RIM | EX. ADJ. (ft) | NOTES |
|-------------|----------|-------------------|---------|-----------|---------------|--------------------------|
| EX 5447-014 | 13+64.75 | RT-24.04 | 880.42 | 880.09 | 0.33 | JENIFER STREET @ BREARLY |
| EX 5447-024 | 40+21.29 | LT-0.13 | 855.16 | 855.16 | 0.17 | BREARLY STREET |
| EX 5546-031 | 50+32.77 | LT-2.64 | 859.69 | 859.78 | 0.50 | FEW STREET |

PROPOSED SANITARY PIPES

| FROM (DNSTM) | TO (UPSTM) | DWNSTRM E.I. | UPSTRM E.I. | PLAN (PAY) LGTH (FT) | SLOPE (%) | PIPE SIZE | PVC TYPE | NOTES |
|----------------------------|------------------|--------------|-------------|----------------------|-----------|-----------|-------------------|-------|
| FEW STREET | | | | | | | | |
| EX SAS #5546-031 | SAS #10 | 850.19 | 851.47 | 284 | 0.45% | 8" | ASTM D3034 SDR-35 | |
| SAS #10 | SAS #11 | 851.57 | 852.60 | 206 | 0.50% | 8" | ASTM D3034 SDR-35 | |
| JENIFER STREET | | | | | | | | |
| EX 5348-031 | SAS #1 | 853.00 | 854.00 | 67 | 1.49% | 8" | ASTM D3034 SDR-26 | |
| SAS #1 | SAS #2 | 856.00 | 860.17 | 205 | 2.03% | 8" | ASTM D3034 SDR-35 | |
| SAS #2 | SAS #16 | 860.27 | 864.00 | 220 | 1.70% | 8" | ASTM D3034 SDR-35 | |
| SAS #3 | SAS #7 | 864.17 | 866.33 | 331 | 0.65% | 8" | ASTM D3034 SDR-35 | |
| SAS #7 | SAS #8 | 866.43 | 868.00 | 238 | 0.66% | 8" | ASTM D3034 SDR-35 | |
| SAS #10 | SAS #12 | 851.57 | 853.17 | 400 | 0.40% | 8" | ASTM D3034 SDR-35 | |
| SAS #12 | SAS #17 | 853.22 | 854.05 | 202 | 0.41% | 8" | ASTM D3034 SDR-35 | |
| SAS #13 | SAS #14 | 854.18 | 860.45 | 325 | 1.93% | 8" | ASTM D3034 SDR-35 | |
| SAS #14 | SAS #15 | 860.55 | 866.35 | 240 | 2.42% | 8" | ASTM D3034 SDR-35 | |
| S. INGERSOLL STREET | | | | | | | | |
| EX SAS #5447-029 | SAS#13 | 851.25 | 854.08 | 102 | 2.77% | 8" | ASTM D3034 SDR-35 | |
| SAS#13 | EX. SAS 5447-032 | 854.60 | 854.97 | 10.5 | 3.49% | 8" | ASTM D3034 SDR-35 | |
| S. BREARLY STREET | | | | | | | | |
| EX SAS #5447-024 | SAS#19 | 849.56 | 853.00 | 138 | 2.49% | 8" | ASTM D3034 SDR-26 | |
| SAS#19 | SAS#9 | 853.10 | 856.50 | 156 | 2.18% | 8" | ASTM D3034 SDR-26 | |
| SAS#9 | EX. SAS 5447-014 | 856.60 | 858.00 | 24 | 5.83% | 8" | ASTM D3034 SDR-26 | |
| S. PATERSON STREET | | | | | | | | |
| EX SAS #5348-036 | SAS#3 | 844.34 | 864.07 | 294 | 6.71% | 8" | ASTM D3034 SDR-35 | |
| SAS#5 | SAS#6 | 860.75 | 864.00 | 217 | 1.50% | 8" | ASTM D3034 SDR-35 | |

SANITARY SEWER REMOVALS AND ABANDONMENTS

| FROM SAS (DWNSTRM) | TO SAS (UPSTREAM) | LENGTH Feet | PAID (Y/N) | SIZE (DIA in) | PIPE TYPE | NOTES |
|---------------------------|-------------------|-------------|------------|---------------|-----------|----------------------------|
| S. FEW STREET | | | | | | |
| EX 5546-031 | EX 5446-009 | 166 | N | 6" | VP | REMOVE PIPE |
| EX 5446-007 | EX 5446-011 | 168 | N | 8" | VP | REMOVE PIPE |
| JENIFER STREET | | | | | | |
| EX. SAS 5348-031 | EX SAS 5448-012 | 243.00 | Y | 6" | VP | ABANDON PIPE WTH SLURRY |
| EX SAS 5448-012 | EX SAS 5448-003 | 330.00 | Y | 6" | VP | ABANDON PIPE WTH SLURRY |
| EX SAS 5448-003 | EX SAS 5448-002 | 131.00 | Y | 6" | VP | ABANDON PIPE WTH SLURRY |
| EX SAS 5448-002 | EX SAS 5448-001 | 200.00 | Y | 6" | VP | ABANDON PIPE WTH SLURRY |
| EX SAS 5448-001 | EX SAS 5447-015 | 297.00 | Y | 6" | VP | ABANDON PIPE WTH SLURRY |
| SAS#18 | EX SAS 5546-007 | 45.00 | Y | 8" | VP | REMOVE PIPE |
| EX SAS 5546-007 | EX SAS 5546-008 | 220.00 | Y | 8" | VP | ABANDON PIPE WTH SLURRY |
| EX SAS 5446-008 | EX SAS 5547-006 | 220.00 | Y | 8" | VP | ABANDON PIPE WTH SLURRY |
| EX SAS 5447-006 | EX SAS 5447-032 | 221.00 | Y | 8" | VP | ABANDON PIPE WTH SLURRY |
| EX SAS 5447-032 | EX SAS 5447-010 | 358.00 | Y | 6" | VP | ABANDON PIPE WTH SLURRY |
| EX SAS 5447-010 | EX SAS 5447-013 | 271.00 | Y | 6" | VP | ABANDON PIPE WTH SLURRY |
| S. BREARLY STREET | | | | | | |
| EX SAS 5447-024 | EX SAS 5447-012 | 162.00 | N | 8" | VP | REMOVE PIPE |
| EX SAS 5447-012 | SAS#9 | 132.00 | N | 8" | VP | REMOVE PIPE |
| SAS#9 | EX SAS 5447-014 | 24.00 | N | 8" | VP | REMOVE PIPE |
| S. PATERSON STREET | | | | | | |
| EX SAS 5348-036 | EX SAS 5448-003 | 283.00 | N | 10" | VP | REMOVE PIPE |
| EX SAS 5448-017 | EX SAS 5448-016 | 159.00 | Y | 6" | VP | SLURRY SANITARY SEWER MAIN |

REMOVE OUTSIDE DROP

| SAS NO. | STATION | LOCATION (OFFSET) | EI | EI | NOTES |
|------------------|----------|-------------------|--------|--------|--|
| EX. SAS 5348-031 | 1+29.23 | LT-13.29 | 859.29 | 852.17 | |
| EX. SAS 5348-036 | 30+06.77 | LT-0.80 | 848.24 | 844.34 | STRUCTURE MAY NOT HAVE AN OUTSIDE DROP(STRUCTURE IS CORED) |

STORM SEWER SCHEDULE

| | |
|---------------------------------------|-----------|
| JENIFER, PATERSON, BREARLY & FEW 2016 | SHEET NO. |
| PROJECT NO. 53W1507 | U-13 |
| STORM SEWER SCHEDULE | |
| CITY OF MADISON | |

PROPOSED STORM STRUCTURES

| STRUC. NO. | STATION | LOCATION (OFFSET) | TYPE | TOP OF CASTING | E.I. | DEPTH | NOTES |
|---------------------------|----------|-------------------|-----------------|----------------|--------|-------|--------------------------|
| JENIFER STREET | | | | | | | |
| S-5 | 7+41.11 | LT-18.50 | H INLET | 874.67 | 870.90 | 3.77 | W/R-3067-7004-V |
| S-6 | 7+67.84 | RT-18.50 | H INLET | 875.48 | 871.55 | 3.93 | W/R-3067-7004-V |
| S-22 | 13+55.77 | LT-18.59 | 3X3 SAS | 878.34 | 874.52 | 3.82 | |
| S-22A | 13+02.32 | LT-18.50 | H INLET | 879.31 | 875.49 | 3.82 | LP, UD, W/R-3067-7004-VB |
| S-22B | 12+75.01 | RT-18.50 | H INLET | 881.62 | 878.10 | 3.52 | W/R-3067-7004-V |
| S-23 | 13+49.96 | RT-21.70 | H INLET | 880.34 | 876.63 | 3.71 | LP, UD, W/R-3067-7004-VB |
| S-23A | 13+25.49 | RT-15.50 | H INLET | 880.73 | 876.85 | 3.88 | UD, W/R-3067-7004-V |
| S-23B | 13+18.52 | RT-27.20 | SW TRENCH DRAIN | 881.44 | 879.94 | 1.50 | (1) |
| S-30 | 20+46.64 | LT-40.53 | 3X3 SAS | 862.09 | 857.94 | 4.15 | (2), W/R-1550-0054 |
| S-30A | 20+40.50 | RT-37.79 | 3X6 SAS | 863.52 | 859.78 | 3.74 | (2), W/R-3067-7004-V |
| S-31 | 19+87.07 | LT-18.50 | H INLET | 863.32 | 859.05 | 4.27 | W/R-3067-7004-V |
| S-32 | 19+85.44 | RT-10.00 | 3X3 SAS | 863.50 | 859.53 | 3.97 | W/R-1550-0054 |
| S-32A | 20+05.27 | RT-20.04 | H INLET | 863.80 | 859.97 | 3.83 | LP, UD, W/R-3067-7004-VB |
| S-33 | 17+44.77 | RT-10.00 | 3X3 SAS | 870.42 | 866.32 | 4.10 | W/R-1550-0054 |
| S-33A | 17+39.50 | LT-18.50 | H INLET | 869.32 | 866.46 | 2.86 | W/R-3067-7004-V |
| S-33B | 17+44.41 | RT-18.50 | H INLET | 871.23 | 866.68 | 4.55 | W/R-3067-7004-V |
| S-34 | 15+92.77 | RT-10.00 | 3X3 SAS | 874.44 | 870.56 | 3.88 | |
| S-35 | 15+90.35 | RT-18.50 | H INLET | 875.22 | 870.85 | 4.37 | W/R-3067-7004-V |
| S-44 | 26+57.42 | RT-9.00 | 4X4 SAS | 858.41 | 854.55 | 3.86 | W/R-1550-0054 |
| S-45 | 26+20.00 | RT-9.00 | 4X4 SAS | 858.22 | 854.72 | 3.50 | W/R-1550-0054 |
| S-45A | 26+20.00 | LT-18.50 | H INLET | 858.40 | 855.17 | 3.23 | LP, UD, W/R-3067-7004-VB |
| S-45B | 26+05.95 | LT-18.50 | H INLET | 858.48 | 855.48 | 3.00 | UD, W/R-3067-7004-V |
| S-45C | 26+20.00 | RT-18.50 | H INLET | 858.40 | 855.09 | 3.31 | LP, UD, W/R-3067-7004-VB |
| S-45D | 26+05.00 | RT-18.50 | H INLET | 858.48 | 855.40 | 3.08 | UD, W/R-3067-7004-V |
| S-46 | 24+60.00 | RT-9.00 | 3X3 SAS | 858.98 | 855.83 | 3.15 | W/R-1550-0054 |
| S-46A | 24+57.28 | LT-18.50 | H INLET | 859.21 | 856.21 | 3.00 | W/R-3067-7004-V |
| S-46B | 24+59.84 | RT-18.50 | H INLET | 859.20 | 856.15 | 3.05 | W/R-3067-7004-V |
| S-61 | 27+24.02 | LT-19.32 | H INLET | 858.50 | 854.19 | 4.31 | W/R-3067-7004-V |
| S-62 | 27+41.02 | LT-19.29 | H INLET | 858.39 | 854.26 | 4.13 | LP, UD, W/R-3067-7004-VB |
| S-63 | 27+41.02 | RT-19.50 | H INLET | 858.27 | 854.75 | 3.52 | LP, UD, W/R-3067-7004-VB |
| S. PATERSON STREET | | | | | | | |
| S-1 | 30+07.57 | LT-18.18 | H INLET | 856.36 | 853.36 | 3.00 | (2), W/R-3067-7004-V |
| S-2 | 30+18.13 | RT-6.00 | 3X3 SAS | 856.76 | 853.56 | 3.20 | W/R-1550-0054 |
| S-2A | 30+18.18 | RT-13.50 | H INLET | 856.76 | 853.85 | 2.91 | W/R-3067-7004-V |
| S-3 | 32+06.17 | RT-6.00 | 3x3 SAS | 869.72 | 865.83 | 3.89 | W/R-1550-0054 |
| S-3A | 32+06.76 | RT-13.50 | H INLET | 870.18 | 866.43 | 3.75 | W/R-3067-7004-V |
| S-4 | 32+68.05 | RT-6.00 | 3X3 SAS | 873.46 | 869.66 | 3.80 | W/R-1550-0054 |
| S-10A | 36+53.00 | RT-25.40 | TAP | - | 864.06 | - | - |
| S-10 | 36+12.64 | RT-33.48 | H INLET | 867.80 | 864.44 | 3.36 | W/R-3067-7004-V |
| S-11 | 35+83.60 | RT-13.50 | H INLET | 869.43 | 865.66 | 3.77 | W/R-3067-7004-V |
| S-12 | 35+83.60 | LT-13.50 | H INLET | 870.71 | 866.35 | 4.36 | W/R-3067-7004-V |
| S-13 | 36+09.71 | LT-20.09 | H INLET | 869.99 | 866.47 | 3.52 | LP, UD, W/R-3067-7004-VB |

PROPOSED STORM PIPES

| PIPE NO. | FROM (DNSTM) | TO (UPSTM) | DISCH. E.I. | INLET E.I. | PLAN (PAY) LGTH (FT) | PIPE LGTH (FT) | SLOPE (%) | PIPE SIZE | TYPE | NOTES |
|---------------------------|--------------|------------|-------------|------------|----------------------|----------------|-----------|-----------|-------|-------|
| JENIFER ST | | | | | | | | | | |
| P-4 | S-4 | S-5 | 869.66 | 870.90 | 46.5 | 43.5 | 2.85% | 12" | RCP | - |
| P-5 | S-5 | S-6 | 870.90 | 871.55 | 46 | 43.2 | 1.50% | 12" | RCP | - |
| P-22 | S-22 | S-23 | 874.52 | 876.63 | 41 | 38 | 5.55% | 12" | RCP | - |
| P-22A | S-22 | S-22A | 874.52 | 875.49 | 53.5 | 50.5 | 1.92% | 12" | RCP | - |
| P-22B | S-22A | S-22B | 875.49 | 878.10 | 46 | 43.5 | 6.00% | 12" | RCP | - |
| P-23A | S-23 | S-23A | 876.63 | 876.85 | 25 | 22 | 1.00% | 12" | RCP | - |
| P-23B | S-23A | S-23B | 878.44 | 879.94 | 13.5 | 12.4 | 12.10% | 6" | PVC | - |
| P-30 | S-30 | S-31 | 857.94 | 859.05 | 64 | 60.1 | 1.85% | 15" | RCP | - |
| P-30A | S-30 | S-30A | 858.19 | 859.78 | 78.5 | 75.6 | 2.10% | 12" | RCP | - |
| P-31 | S-31 | S-32 | 859.05 | 859.53 | 28.5 | 26 | 1.85% | 15" | RCP | - |
| P-32 | S-32 | S-33 | 859.78 | 866.32 | 241 | 237.7 | 2.75% | 12" | RCP | - |
| P-32A | S-32 | S-32A | 859.78 | 859.97 | 22.5 | 19 | 1.00% | 12" | RCP | - |
| P-33 | S-33 | S-34 | 866.32 | 870.56 | 152 | 149 | 2.85% | 12" | RCP | - |
| P-33A | S-33 | S-33A | 866.32 | 866.46 | 29 | 26.4 | 0.53% | 12" | RCP | - |
| P-33B | S-33 | S-33B | 866.32 | 866.68 | 8.5 | 6 | 6.00% | 12" | RCP | - |
| P-34 | S-34 | S-35 | 870.56 | 870.85 | 9 | 6.2 | 4.68% | 12" | RCP | - |
| P-43 | S-43 | S-44 | 854.39 | 854.55 | 36 | 30.8 | 0.52% | 19"X30" | HERCP | - |
| P-43A | S-43 | S-43A | 854.97 | 855.11 | 20.5 | 17.5 | 0.80% | 12" | RCP | - |
| P-43B | S-43 | S-43B | 854.97 | 855.00 | 8.5 | 5.5 | 0.55% | 12" | RCP | - |
| P-44 | S-44 | S-45 | 854.55 | 854.72 | 37.5 | 33.9 | 0.50% | 19"X30" | HERCP | - |
| P-45 | S-45 | S-46 | 855.05 | 855.83 | 160 | 156.5 | 0.50% | 15" | RCP | - |
| P-45A | S-45 | S-45A | 855.05 | 855.17 | 27.5 | 24.5 | 0.49% | 15" | RCP | - |
| P-45B | S-45A | S-45B | 855.42 | 855.48 | 14 | 11 | 0.55% | 12" | RCP | - |
| P-45C | S-45 | S-45C | 855.05 | 855.09 | 9.5 | 6.5 | 0.62% | 15" | RCP | - |
| P-45D | S-45C | S-45D | 855.34 | 855.40 | 15 | 12 | 0.50% | 12" | RCP | - |
| P-46A | S-46 | S-46A | 856.08 | 856.21 | 27.5 | 25.1 | 0.52% | 12" | RCP | - |
| P-46B | S-46 | S-46B | 856.08 | 856.15 | 9.5 | 7 | 1.00% | 12" | RCP | - |
| P-60 | S-60 | S-61 | 854.00 | 854.19 | 27.5 | 23.6 | 0.81% | 15" | RCP | - |
| P-60A | S-60 | S-60A | 854.25 | 854.49 | 31 | 26.8 | 0.90% | 12" | RCP | - |
| P-61 | S-61 | S-62 | 854.19 | 854.26 | 17 | 14 | 0.50% | 15" | RCP | - |
| P-62 | S-62 | S-63 | 854.51 | 854.75 | 39 | 36.8 | 0.65% | 12" | RCP | - |
| S. PATERSON STREET | | | | | | | | | | |
| P-1 | S-1 | S-2 | 853.36 | 853.56 | 26.5 | 23.5 | 0.85% | 15" | RCP | - |
| P-2 | S-2 | S-3 | 853.81 | 865.83 | 188 | 185 | 6.50% | 12" | RCP | - |
| P-2A | S-2 | S-2A | 853.81 | 853.85 | 7.5 | 5 | 0.80% | 12" | RCP | - |
| P-3 | S-3 | S-4 | 865.83 | 869.66 | 62 | 58.9 | 6.50% | 12" | RCP | - |
| P-3A | S-3 | S-3A | 866.33 | 866.43 | 7.5 | 5 | 2.00% | 12" | RCP | - |
| P-10A | S-10A | S-10 | 864.06 | 864.44 | 41 | 38.1 | 1.00% | 15" | RCP | - |
| P-10 | S-10 | S-11 | 864.69 | 865.66 | 35.5 | 32.3 | 3.00% | 12" | RCP | - |
| P-11 | S-11 | S-12 | 865.66 | 866.35 | 27 | 25 | 2.76% | 12" | RCP | - |
| P-12 | S-12 | S-13 | 866.35 | 866.47 | 27 | 23.8 | 0.50% | 12" | RCP | - |

STANDARD NOTES:

- ABBREVIATIONS: AE = APRON ENDWALL; RCP = REINFORCED CONCRETE PIPE; HERCP = HORIZONTAL ELLIPTICAL REINFORCED CONCRETE PIPE; DNA = DOES NOT APPLY; SAS = SEWER ACCESS STRUCTURE; LP = LOW POINT INLET STRUCTURE; FP = FIELD POURED STRUCTURE; TR = TOP OF CONCRETE ROOF; NCM = NO CROWN MATCH FOR PIPES; UD = UNDERDRAIN

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

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

- TOP OF CONCRETE ROOF (TR) IS 1.25' BELOW TOP OF CASTING UNLESS OTHERWISE NOTED.

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

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

- ALL STRUCTURES CALLED OUT AS FIELD POURED SHALL BE FIELD POURED. ALL OTHER STRUCTURES (NOT INDICATED AS FIELD POURED) SHALL BE SUBMITTED TO CITY ENGINEERING FOR APPROVAL IF PRECAST STRUCTURES ARE PREFERRED. CONTACT KYLE FRANK OF CITY ENGINEERING AT (608) 266-4098 FOR PRECAST APPROVALS, FAX SHOP DRAWINGS TO (608)264-9275, OR EMAIL SHOP DRAWINGS TO KFRANK@CITYOFMADISON.COM.

SPECIFIC NOTES

(1) CONSTRUCT 5' SIDEWALK TRENCH DRAIN PER S.D.D. 5.7.36. T.O.C ELEVATION IS FOR NORTH EDGE OF SIDEWALK.

(2) CONNECT EXISTING PIPE TO NEW STRUCTURE

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

STORM SEWER SCHEDULE

| | |
|---------------------------------------|-----------|
| JENIFER, PATERSON, BREARLY & FEW 2016 | SHEET NO. |
| PROJECT NO. 53W1507 | U-14 |
| STORM SEWER SCHEDULE | |
| CITY OF MADISON | |

PROPOSED STORM STRUCTURES

| STRUC. NO. | STATION | LOCATION (OFFSET) | TYPE | TOP OF CASTING | E.I. | DEPTH | NOTES |
|--------------------------|----------|-------------------|----------------|----------------|--------|-------|----------------------------------|
| S. BREARLY STREET | | | | | | | |
| S-20 | 40+25.81 | LT-17.41 | STM TAP | 858.94 | 854.85 | 4.09 | - |
| S-21 | 40+65.32 | RT-7.78 | 3X3 SAS | 856.76 | 853.85 | 2.91 | W/R-1550-0054 |
| S-24 | 43+59.48 | RT-8.50 | H INLET | 880.81 | 876.97 | 3.84 | UD, W/R-3067-7004-V |
| S-25 | 43+60.59 | LT-8.50 | H INLET | 880.59 | 877.06 | 3.53 | W/R-3067-7004-V |
| S. FEW STREET | | | | | | | |
| S-40 | 56+10.96 | LT-11.50 | 6X6 CATCHBASIN | 859.39 | 850.69 | 8.70 | (2), (3), FP, W/TWIN R-1550-0054 |
| S-41 | 55+80.34 | RT-6.00 | 4X4 SAS | 859.33 | 852.74 | 6.59 | W/R-1550-0054 |
| S-42 | 54+49.98 | RT-6.00 | 4X4 SAS | 858.64 | 853.69 | 4.95 | W/R-1550-0054 |
| S-42A | 54+49.99 | LT-14.25 | H INLET | 858.84 | 855.09 | 3.75 | LP, UD, W/R-3067-7004-VB |
| S-42B | 54+49.98 | RT-14.53 | H INLET | 858.83 | 855.08 | 3.75 | W/R-3067-7004-V |
| S-43 | 53+53.05 | RT-6.00 | 4X4 SAS | 858.14 | 854.39 | 3.75 | W/R-1550-0054 |
| S-43A | 53+53.05 | LT-14.50 | H INLET | 858.23 | 855.11 | 3.12 | LP, UD, W/R-3067-7004-VB |
| S-43B | 53+53.05 | RT-14.50 | H INLET | 858.20 | 855.00 | 3.20 | LP, UD, W/R-3067-7004-VB |
| S-50 | 51+40.10 | LT-18.80 | 3X3 SAS | 859.46 | 853.18 | 6.28 | (1), W/R-1550-0054 |
| S-51 | 51+40.05 | LT-14.50 | H INLET | 859.73 | 855.54 | 4.19 | W/R-3067-7004-V |
| S-52 | 51+40.05 | RT-14.64 | H INLET | 859.34 | 855.94 | 3.40 | W/R-3067-7004-V |
| S-60 | 52+79.03 | LT-16.30 | 3X6 SAS | 858.33 | 853.53 | 4.80 | (1), LP, UD, W/R-3067-7004-VB |
| S-60A | 52+79.08 | RT-14.50 | H INLET | 858.33 | 854.49 | 3.84 | LP, UD, W/R-3067-7004-VB |

PROPOSED STORM PIPES

| PIPE NO. | FROM (DNSTM) | TO (UPSTM) | DISCH. E.I. | INLET E.I. | PLAN (PAY) LGTH (FT) | PIPE LGTH (FT) | SLOPE (%) | PIPE SIZE | TYPE | NOTES |
|--------------------------|--------------|------------|-------------|------------|----------------------|----------------|-----------|-----------|-------|-------|
| S. BREARLY STREET | | | | | | | | | | |
| P-20 | S-20 | S-21 | 852.46 | 854.85 | 47 | 43.5 | 5.49% | 12" | RCP | - |
| P-21 | S-21 | S-22 | 854.85 | 874.52 | 231.5 | 228.3 | 8.62% | 12" | RCP | - |
| P-23 | S-23 | S-24 | 876.63 | 876.97 | 26 | 22.7 | 1.50% | 12" | RCP | - |
| P-24 | S-24 | S-25 | 876.97 | 877.06 | 17 | 15 | 0.60% | 12" | RCP | - |
| S. FEW STREET | | | | | | | | | | |
| P-40 | S-40 | S-41 | 852.50 | 852.74 | 35.5 | 29.6 | 0.81% | 19"X30" | HERCP | - |
| P-41 | S-41 | S-42 | 852.74 | 853.69 | 130.5 | 126.4 | 0.75% | 19"X30" | HERCP | - |
| P-42 | S-42 | S-43 | 853.69 | 854.39 | 97 | 92.9 | 0.75% | 19"X30" | HERCP | - |
| P-42A | S-42 | S-42A | 854.77 | 855.09 | 20.5 | 17.3 | 1.85% | 12" | RCP | - |
| P-42B | S-42 | S-42B | 854.92 | 855.08 | 8.5 | 5.5 | 2.91% | 12" | RCP | - |
| P-50 | S-50 | S-51 | 855.52 | 855.54 | 4.5 | 1.8 | 1.11% | 15" | RCP | - |
| P-51 | S-51 | S-52 | 855.79 | 855.94 | 29.5 | 27.2 | 0.55% | 12" | RCP | - |

PROPOSED CURED-IN-PLACE STORM PIPES

| PIPE NO. | FROM (DNSTM) | TO (UPSTM) | PIPE LGTH (FT) | PIPE SIZE | NOTES |
|----------------------|--------------|------------|----------------|-----------|-------|
| S. FEW STREET | | | | | |
| CIP-1 | AS 5546-056 | S-50 | 125 | 21" | - |
| CIP-2 | S-50 | S-60 | 136 | 21" | - |

SPECIFIC NOTES

- (1) CONNECT EXISTING PIPE TO NEW STRUCTURE
- (2) RECONNECT EXISTING PIPE FROM THE SOUTH.
- (3) CONSTRUCT PER S.D.D. 5.7.4. STRUCTURE INCLUDES 3' SUMP BELOW LISTED E.I.

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

STANDARD NOTES:

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- APPROXIMATE DISCHARGE E.I. GIVEN, ADJUST E.I. AND PIPE SLOPE IN THE FIELD.
- TOP OF CASTING GRADE GIVEN IS THE TOP OF CURB FOR INLET STRUCTURES AND THE FLOWLINE OF THE CLOSED CASTING FOR SAS's.
- TOP OF CONCRETE ROOF (TR) IS 1.25' BELOW TOP OF CASTING UNLESS OTHERWISE NOTED.
- ALL REINFORCED CONCRETE PIPES TO BE CLASS III UNLESS OTHERWISE NOTED.
- SURVEYOR TO CONFIRM THAT ALL INLET STATION / OFFSETS LINE UP WITH PROPOSED CURB AND GUTTER.
- ALL STRUCTURES CALLED OUT AS FIELD POURED SHALL BE FIELD POURED. ALL OTHER STRUCTURES (NOT INDICATED AS FIELD POURED) SHALL BE SUBMITTED TO CITY ENGINEERING FOR APPROVAL IF PRECAST STRUCTURES ARE PREFERRED. CONTACT KYLE FRANK OF CITY ENGINEERING AT (608) 266-4098 FOR PRECAST APPROVALS, FAX SHOP DRAWINGS TO (608)264-9275, OR EMAIL SHOP DRAWINGS TO KFRANK@CITYOFMADISON.COM.

STORM SEWER SCHEDULE

| | |
|---------------------------------------|-----------|
| JENIFER, PATERSON, BREARLY & FEW 2016 | SHEET NO. |
| PROJECT NO. 53W1507 | U-15 |
| STORM SEWER SCHEDULE | |
| CITY OF MADISON | |

REMOVE STORM STRUCTURES

| STRUC. NO. | ID NO. | STATION | LOCATION (OFFSET) | TYPE | NOTES |
|---------------------------|-------------|----------|-------------------|------------|-------|
| S. PATERSON STREET | | | | | |
| RS-1 | IN 5348-088 | 30+07.57 | LT-18.20 | H INLET | - |
| RS-2 | IN 5348-089 | 30+14.68 | RT-13.50 | H INLET | - |
| RS-10 | IN 5448-018 | 36+12.65 | RT-33.60 | TUB INLET | - |
| RS-11 | IN 5448-017 | 36+09.52 | LT-20.00 | TUB INLET | - |
| JENIFER STREET | | | | | |
| RS-20 | N/A | 13+25.48 | RT-19.70 | H INLET | - |
| RS-30 | IN 5447-037 | 20+46.75 | LT-25.50 | 3X3 SAS | - |
| RS-31 | AS 5447-029 | 20+42.63 | RT-22.50 | CATCHBASIN | - |
| RS-32 | IN 5547-035 | 20+05.12 | RT-23.65 | H INLET | - |
| RS-33 | IN 5547-034 | 20+02.14 | LT-23.80 | H INLET | - |
| S. FEW STREET | | | | | |
| RS-40 | AS 5546-011 | 56+11.00 | LT-10.00 | CATCHBASIN | - |
| RS-40A | IN 5546-025 | 56+12.20 | LT-16.65 | H INLET | - |
| RS-40B | IN 5546-024 | 56+08.80 | RT-15.00 | H INLET | - |
| RS-41 | AS 5546-010 | 53+51.55 | LT-8.20 | CATCHBASIN | - |
| RS-42 | IN 5546-019 | 53+54.60 | LT-15.50 | H INLET | - |
| RS-43 | N/A | 53+55.15 | RT-15.15 | H INLET | - |
| RS-44 | AS 5546-009 | 52+80.95 | LT-17.50 | CATCHBASIN | - |
| RS-45 | IN 5546-015 | 52+96.14 | LT-37.00 | H INLET | - |
| RS-46 | AS 5546-013 | 53+38.50 | LT-17.50 | CATCHBASIN | - |
| RS-47 | IN 5546-014 | 53+35.05 | LT-39.00 | H INLET | - |
| RS-48 | IN 5546-017 | 52+93.60 | RT-23.25 | H INLET | - |
| RS-49 | IN 5546-016 | 52+97.10 | RT-38.15 | H INLET | - |
| RS-50 | IN 5546-020 | 53+41.60 | RT-24.60 | H INLET | - |

STORM SEWER ULOs

| ULO NO. | STATION | LOCATION (OFFSET) | TYPE | TOP ELEV. | NOTES |
|--------------------------|----------|-------------------|-------------------|-----------|-------|
| JENIFER STREET | | | | | |
| ULO1 | 7+41.09 | RT-16.13 | GAS | - | - |
| ULO2 | 12+77.03 | RT-15.75 | GAS | - | - |
| ULO3 | 13+25.40 | RT-15.85 | GAS | - | - |
| ULO4 | 13+50.78 | RT-16.00 | GAS | - | - |
| ULO5 | 20+41.10 | RT-30.00 | GAS | - | - |
| ULO6 | 27+12.20 | LT-29.50 | GAS | - | - |
| S. BREARLY STREET | | | | | |
| ULO7 | 40+46.22 | LT-4.40 | AT&T DUCT | - | - |
| ULO8 | 41+53.10 | RT-7.75 | GAS, ELEC, & TELE | - | (2) |
| S. FEW STREET | | | | | |
| ULO9 | 51+40.05 | RT-4.00 | TELE | - | - |
| ULO10 | 55+25.35 | RT-6.00 | ELEC | - | - |
| ULO11 | 55+56.90 | RT-6.00 | ELEC | - | - |

SPECIFIC NOTES

- (1) PIPE PLUGS PAID UNDER BID ITEM 20336
- (2) MULTIPLE UTILITIES LOCATED IN SAME TRENCH. ONLY ONE ULO NEEDED TO LOCATE ALL UTILITIES.

REMOVE STORM PIPES

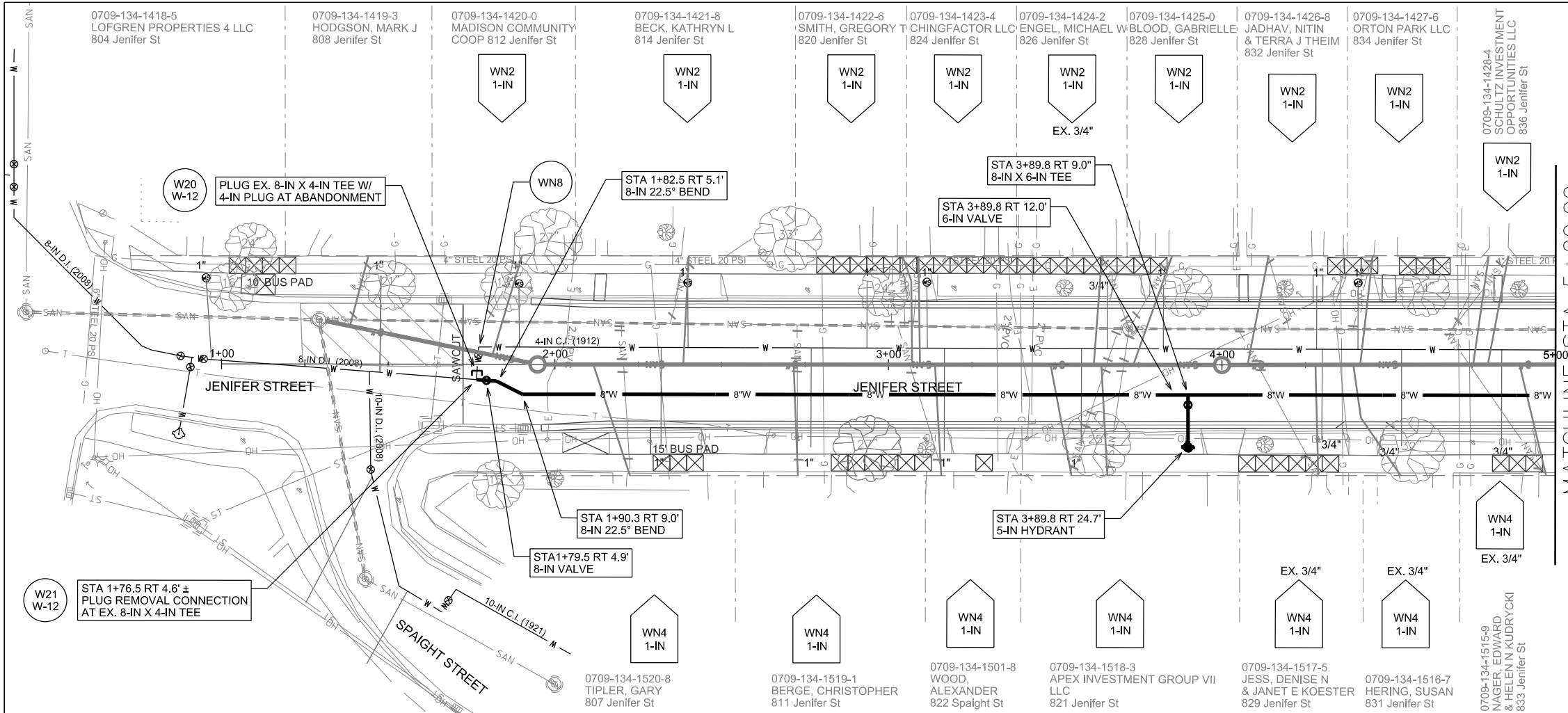
| PIPE NO. | FROM (DNSTM) | TO (UPSTM) | LGTH (FT) | PIPE SIZE | TYPE | PAID (Y/N) | NOTES |
|---------------------------|--------------|------------|-----------|-----------|------|------------|-------|
| S. PATERSON STREET | | | | | | | |
| RP-1 | RS-1 | RS-2 | 29 | 12" | RCP | Y | - |
| RP-2 | S-10A | S-10 | 38 | 12" | VP | N | - |
| JENIFER STREET | | | | | | | |
| RP-20 | CURB CUT | RS-20 | 90 | 12" | VP | Y | - |
| RP-30 | S-30 | RS-30 | 15 | 12" | VP | N | - |
| RP-31 | RS-30 | S-30A | 54 | 12" | VP | N | - |
| RP-32 | RS-30 | RS-32 | 62 | 12" | VP | Y | - |
| RP-33 | RS-30 | RS-33 | 41 | 12" | VP | Y | - |
| S. FEW STREET | | | | | | | |
| RP-40 | RS-40 | RS-41 | 253 | 24" | VP | Y | - |
| RP-40A | RS-40 | RS-40A | 5 | 12" | VP | N | - |
| RP-40B | RS-40 | RS-40B | 21.5 | 12" | VP | Y | - |
| RP-41 | RS-41 | RS-42 | 4 | 12" | VP | N | - |
| RP-42 | RS-41 | RS-43 | 20 | 12" | VP | N | - |
| RP-44 | RS-44 | RS-41 | 66 | 24" | VP | Y | - |
| RP-45 | RS-44 | RS-45 | 20 | 12" | VP | N | - |
| RP-46 | RS-44 | RS-46 | 53 | 12" | VP | Y | - |
| RP-47 | RS-46 | RS-47 | 18 | 12" | VP | Y | - |
| RP-48 | RS-44 | RS-48 | 37 | 12" | VP | Y | - |
| RP-49 | RS-44 | RS-49 | 53 | 12" | VP | Y | - |
| RP-50 | RS-44 | RS-50 | 70 | 12" | VP | Y | - |

STORM SEWER ABANDONMENTS

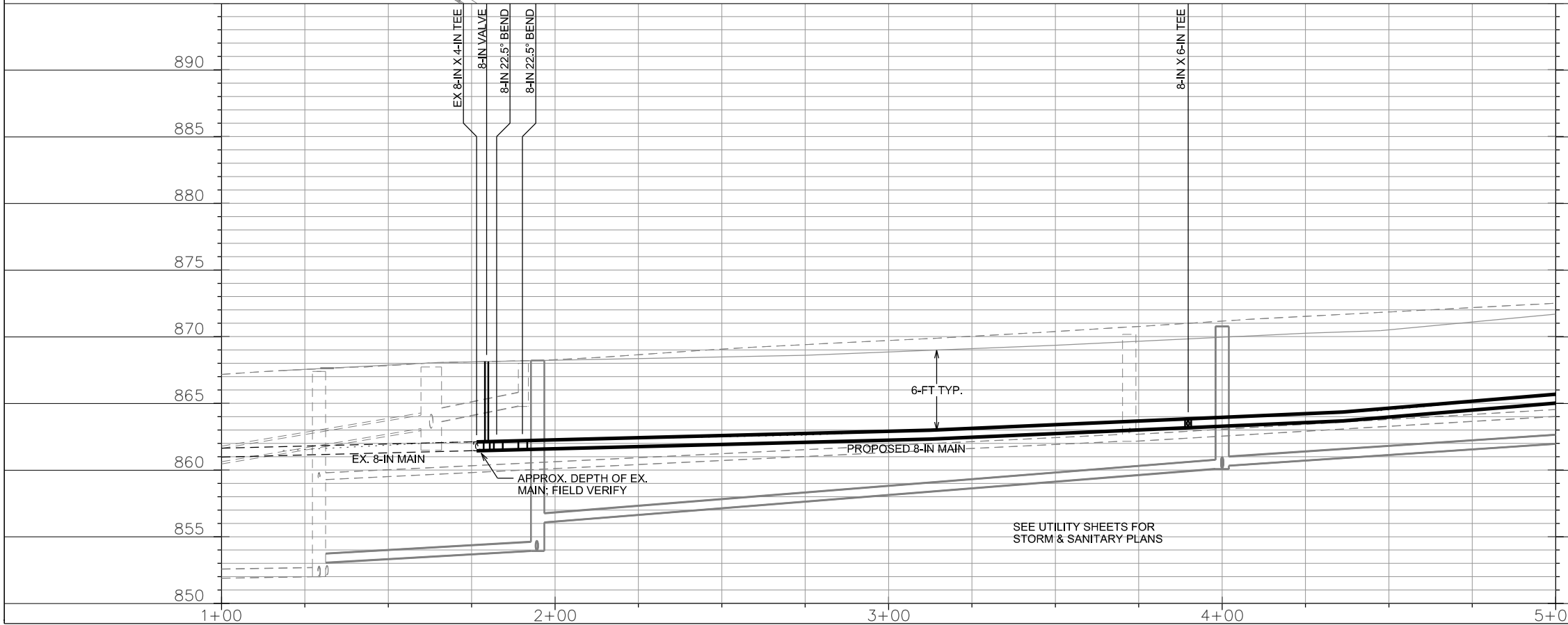
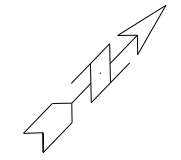
| PIPE NO. | FROM (DNSTM) | TO (UPSTM) | LGTH (FT) | PIPE SIZE | TYPE | NOTES |
|---------------------------|--------------|------------|-----------|-----------|------|---------------|
| S. PATERSON STREET | | | | | | |
| ABN-1 | SAS #5 | S-13 | 20.5 | 12" | VP | W/SLURRY |
| ABN-2 | AS 5448-015 | SAS #5 | 24.5 | 12" | VP | W/SLURRY |
| S. FEW STREET | | | | | | |
| ABN-3 | RS-42 | PLG | 250 | 15" | VP | (1), ONE PLUG |

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MATCHLINE STA 5+00.00



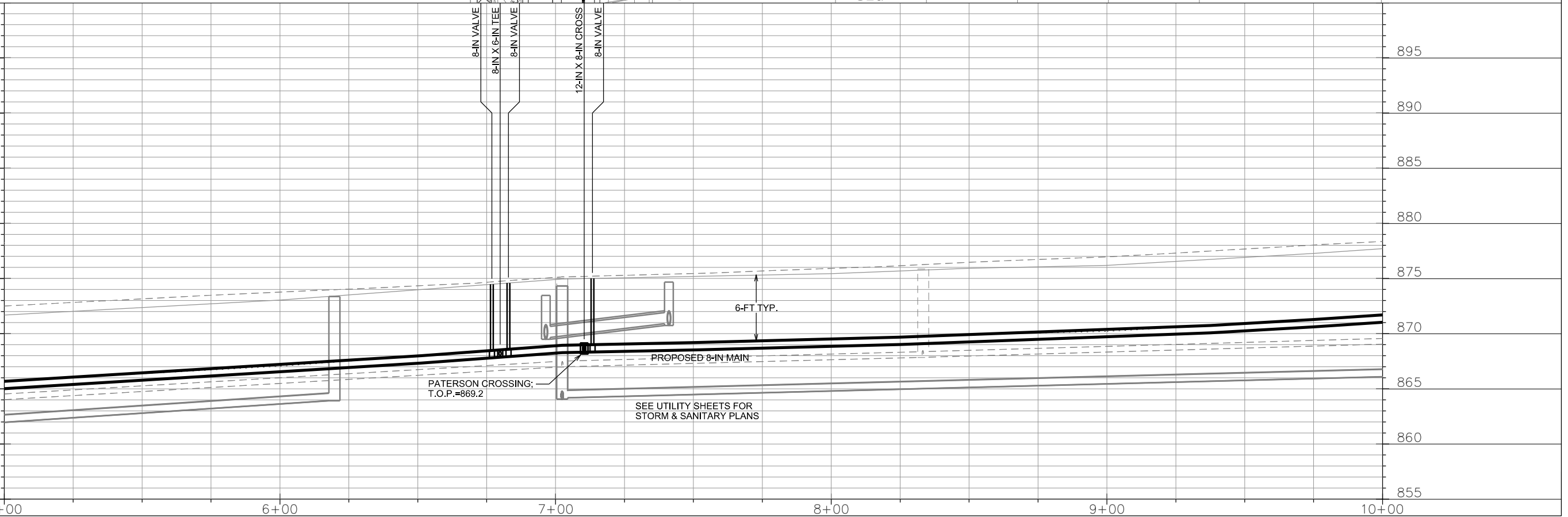
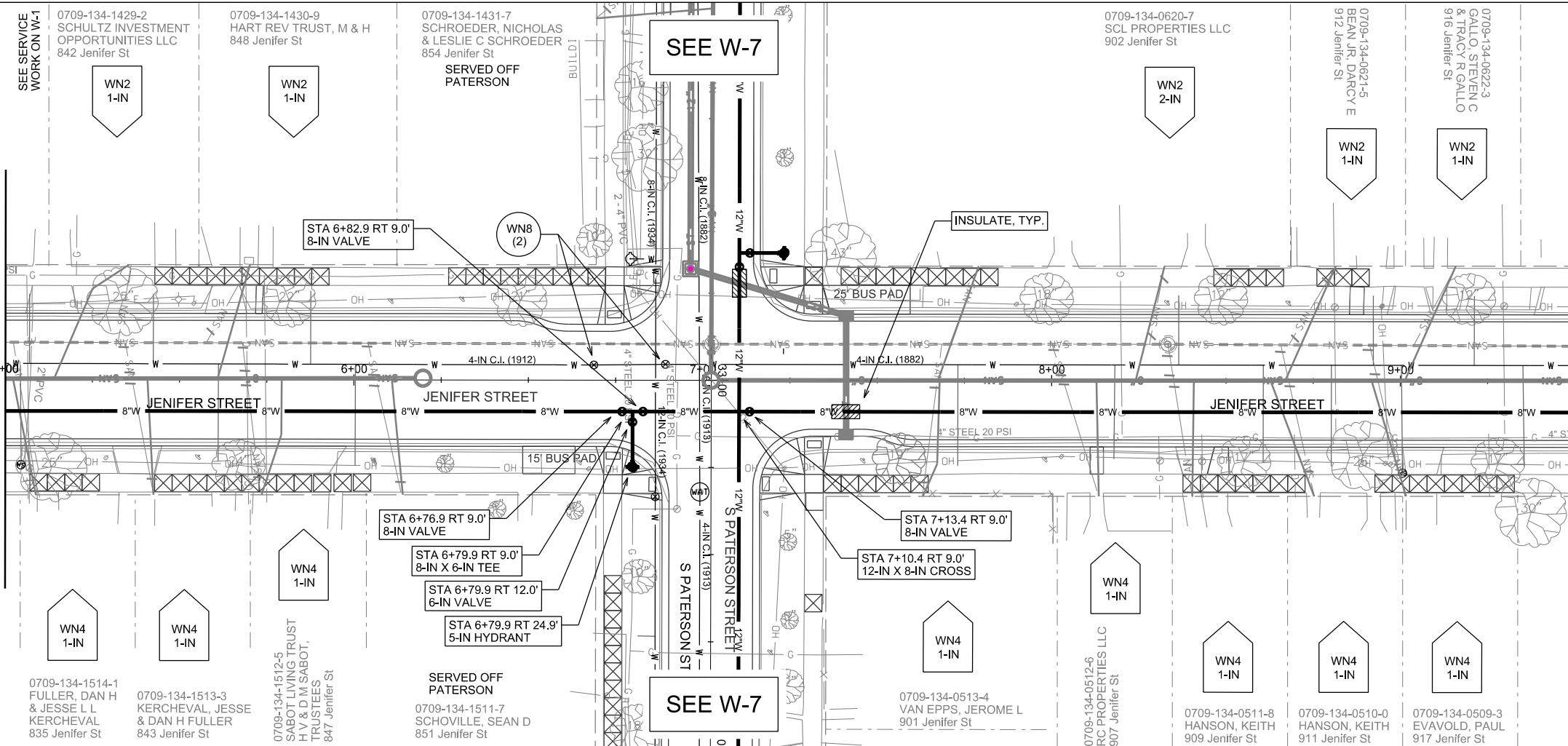
PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

0709-134-0623-1
LEE, LYNN S
& STEVEN J SKAGGS
922 Jenifer St



SEE SERVICE WORK ON W-1

0709-134-1429-2 SCHULTZ INVESTMENT OPPORTUNITIES LLC 842 Jenifer St

0709-134-1430-9 HART REV TRUST, M & H 848 Jenifer St

0709-134-1431-7 SCHROEDER, NICHOLAS & LESLIE C SCHROEDER 854 Jenifer St

0709-134-0620-7 SCL PROPERTIES LLC 902 Jenifer St

0709-134-0821-5 BEAN JR, DARCY E 912 Jenifer St

0709-134-0822-3 GALLO, STEVEN C & TRACY R GALLO 916 Jenifer St

0709-134-0623-1 LEE, LYNN S & STEVEN J SKAGGS 922 Jenifer St

0709-134-1514-1 FULLER, DAN H & JESSE L L KERCHEVAL 835 Jenifer St

0709-134-1513-3 KERCHEVAL, JESSE & DAN H FULLER 843 Jenifer St

0709-134-1512-5 SABOT LIVING TRUST, H V & D M SABOT, TRUSTEES 847 Jenifer St

0709-134-1511-7 SCHOVILLE, SEAN D 851 Jenifer St

0709-134-0513-4 VAN EPPS, JEROME L 901 Jenifer St

0709-134-0512-6 RC PROPERTIES LLC 907 Jenifer St

0709-134-0511-8 HANSON, KEITH 909 Jenifer St

0709-134-0510-0 HANSON, KEITH 911 Jenifer St

0709-134-0509-3 EVAVOLD, PAUL 917 Jenifer St

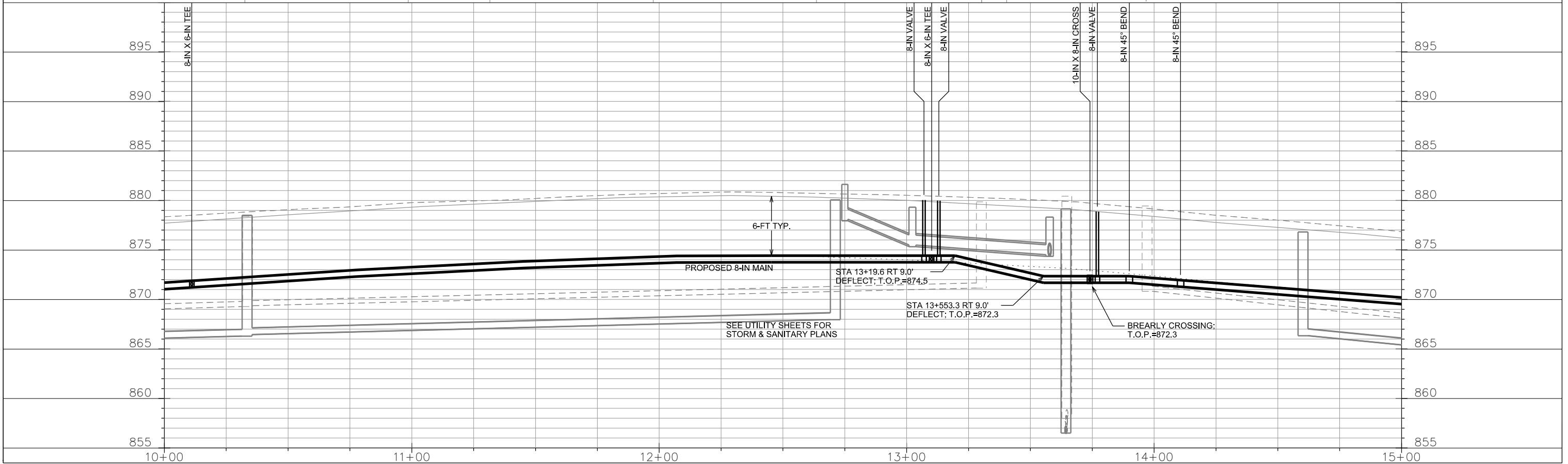
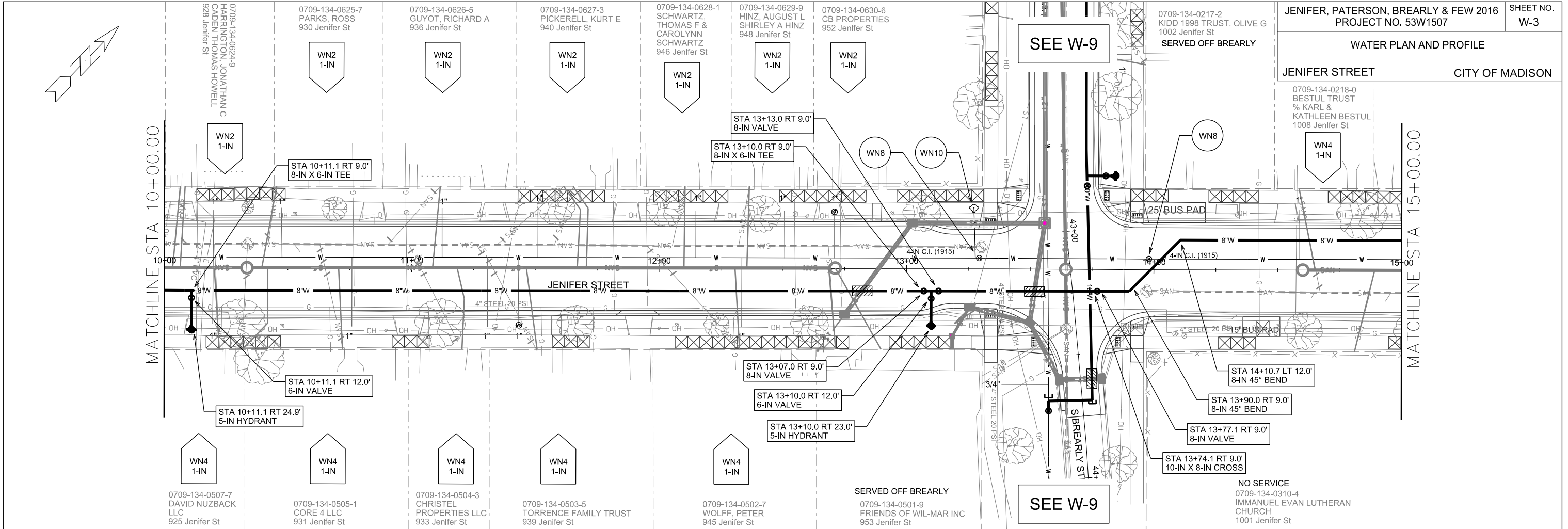
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ORIGINATOR: CITY OF MADISON, STREETS DIVISION

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PLOT SCALE:

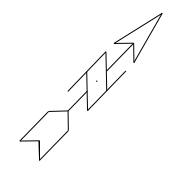
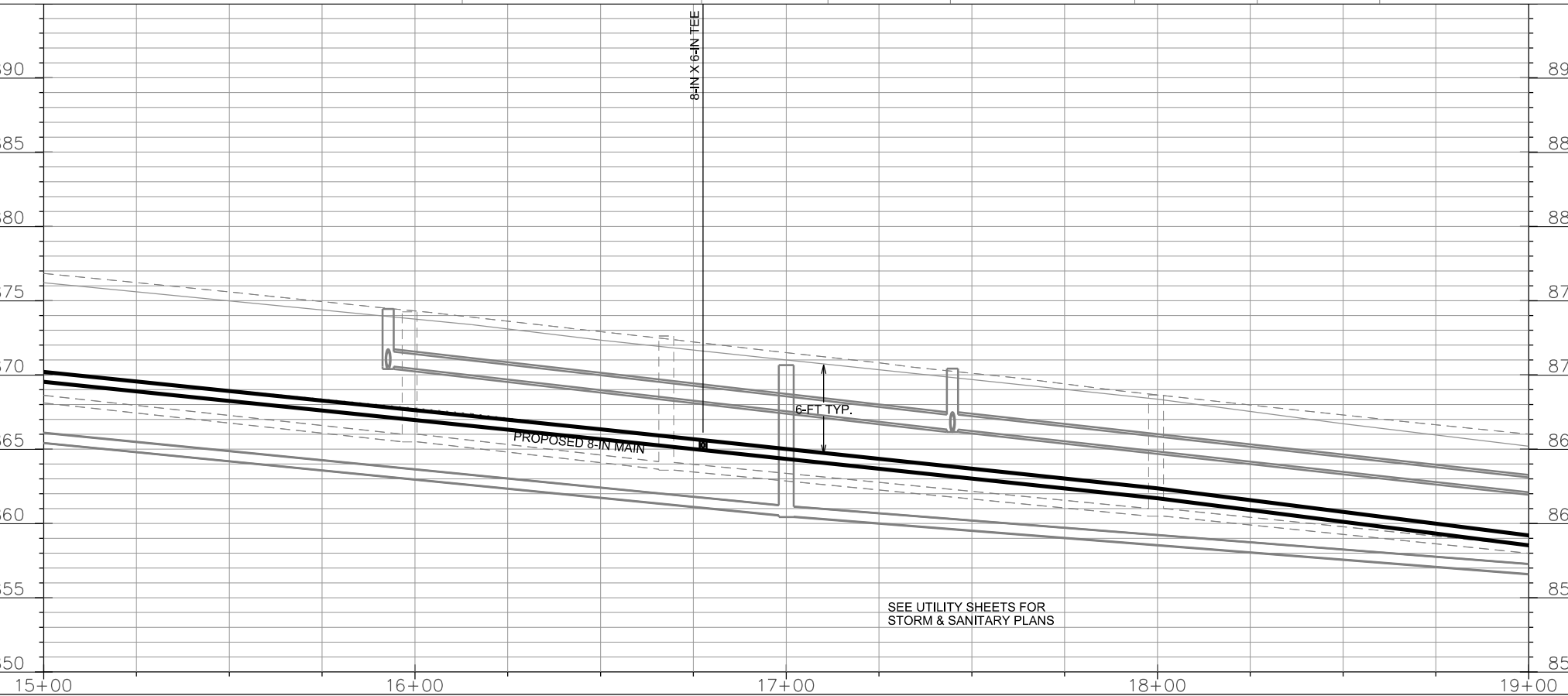
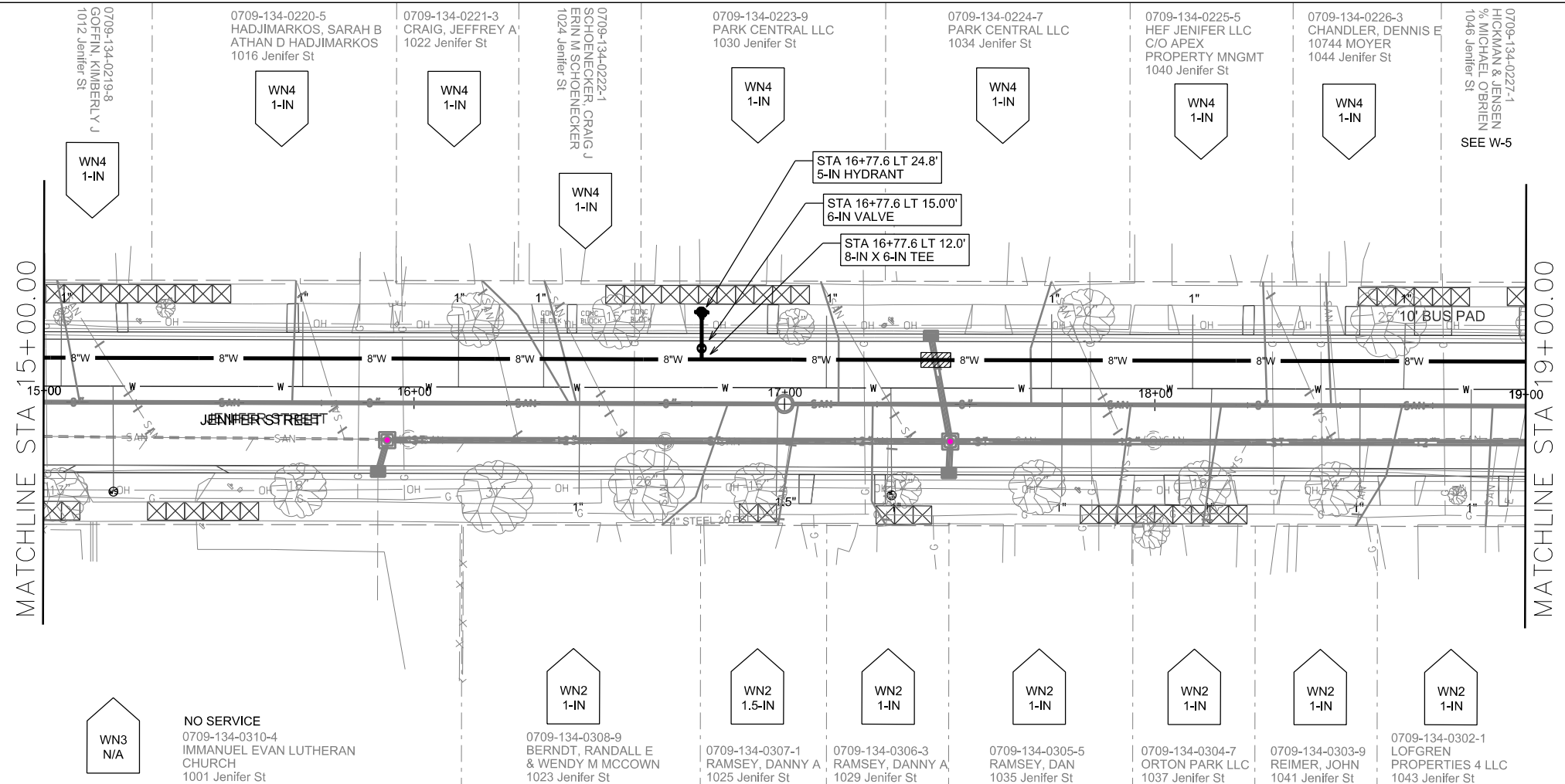


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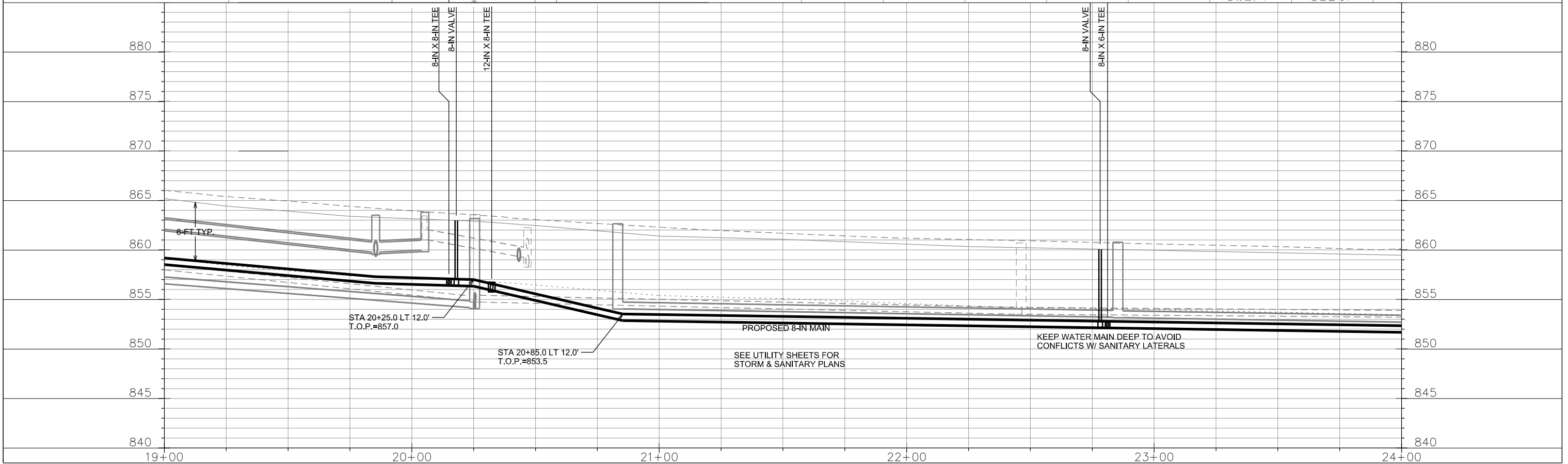
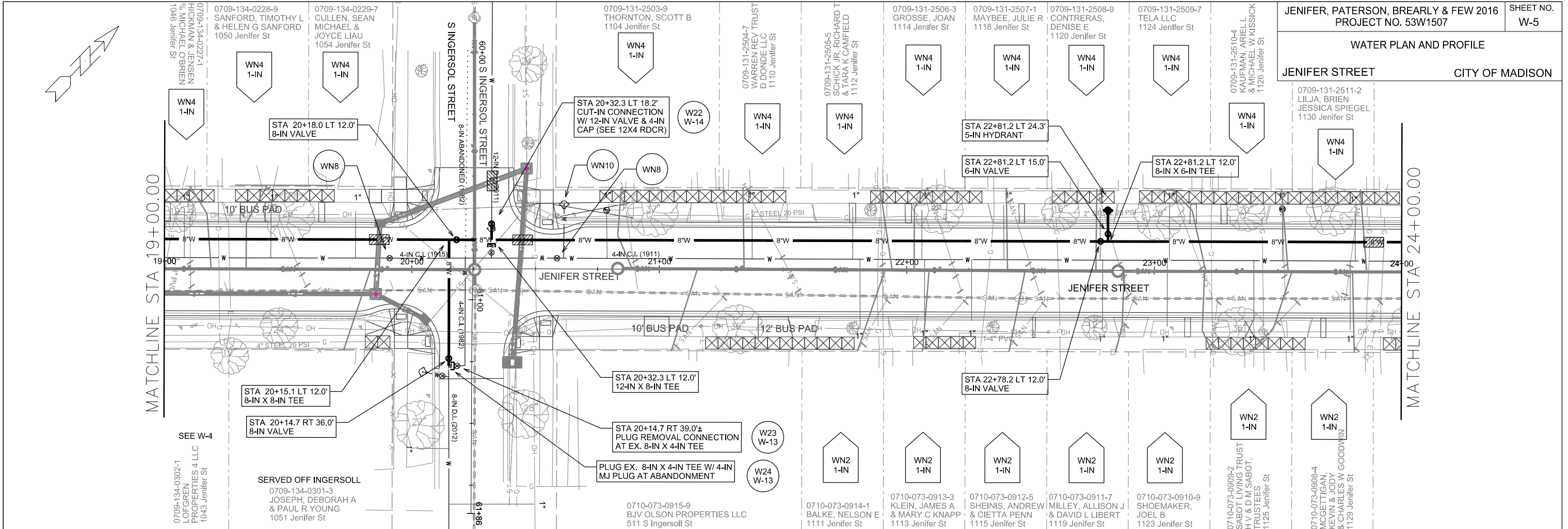
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ORIGINATOR: CITY OF MADISON, STREETS DIVISION



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

SEE UTILITY SHEETS FOR
 STORM & SANITARY PLANS

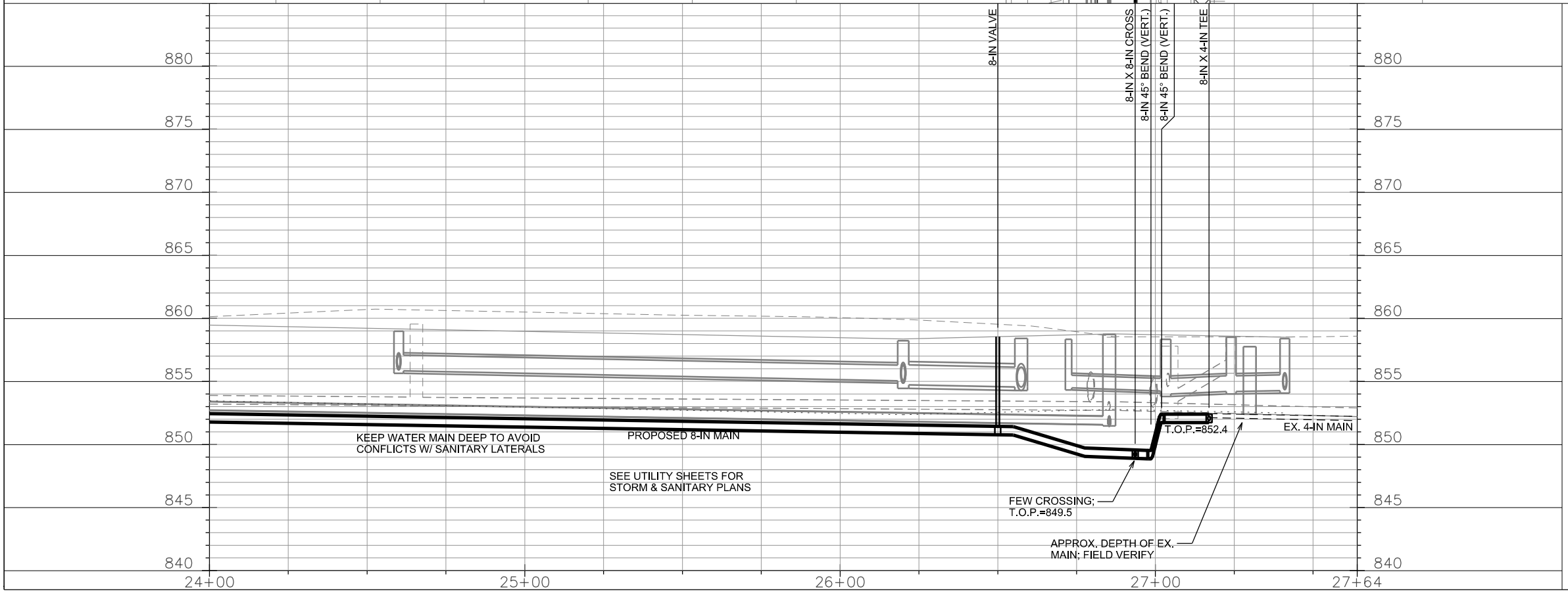
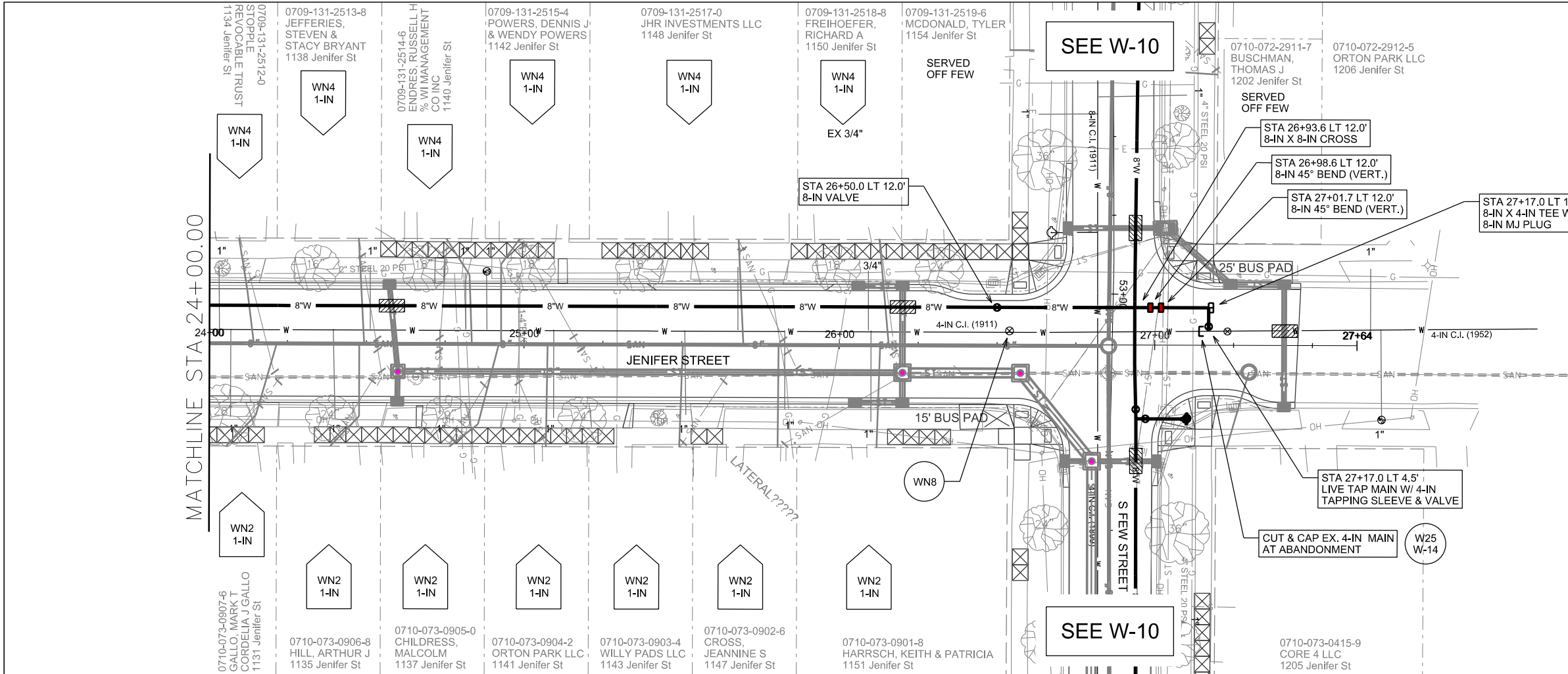


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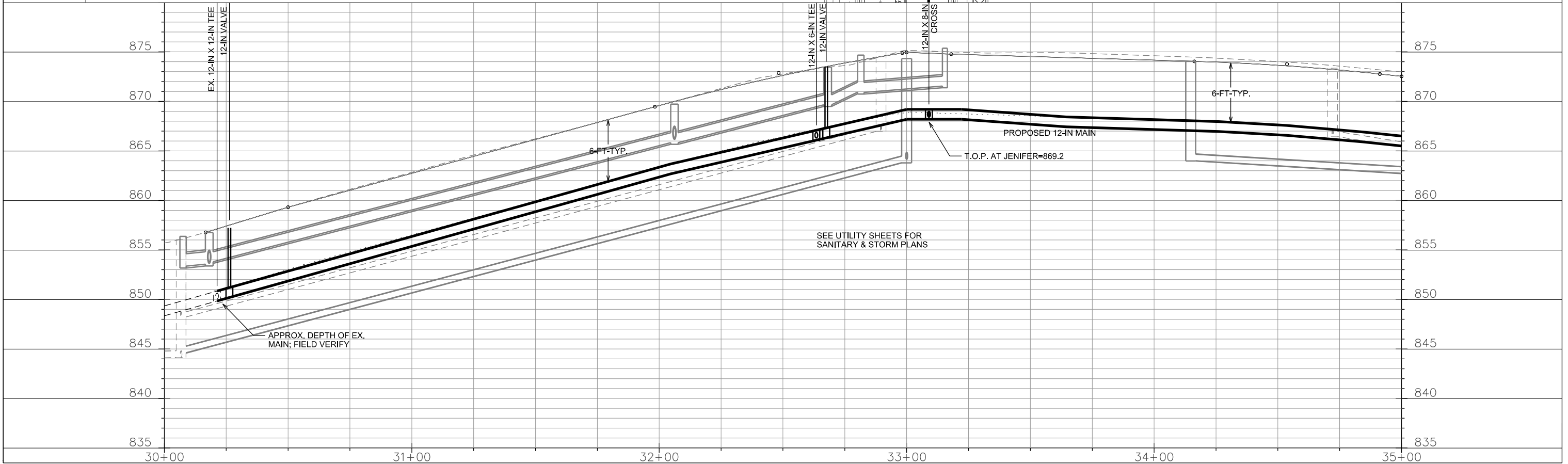
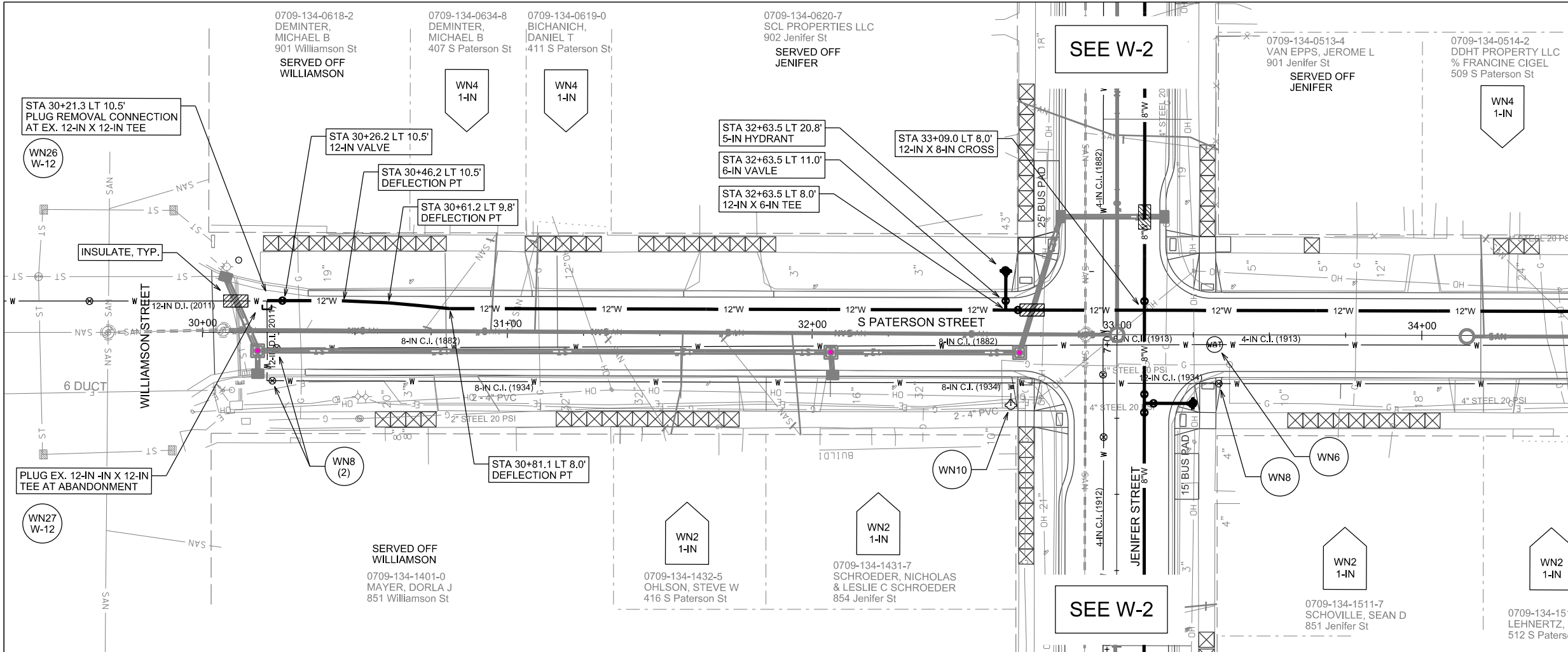


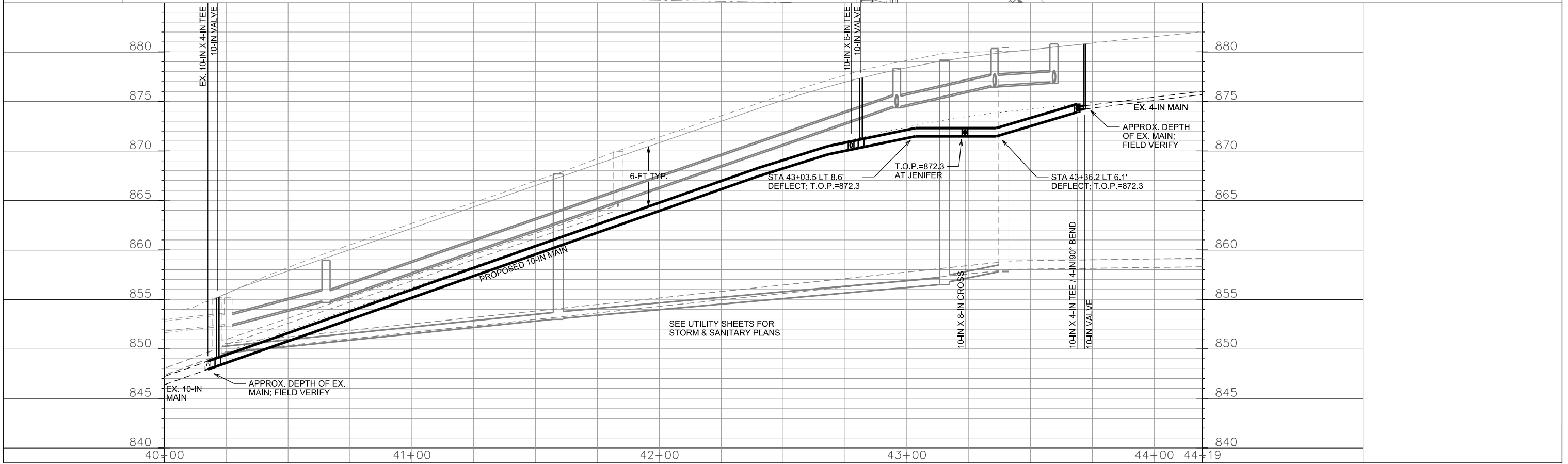
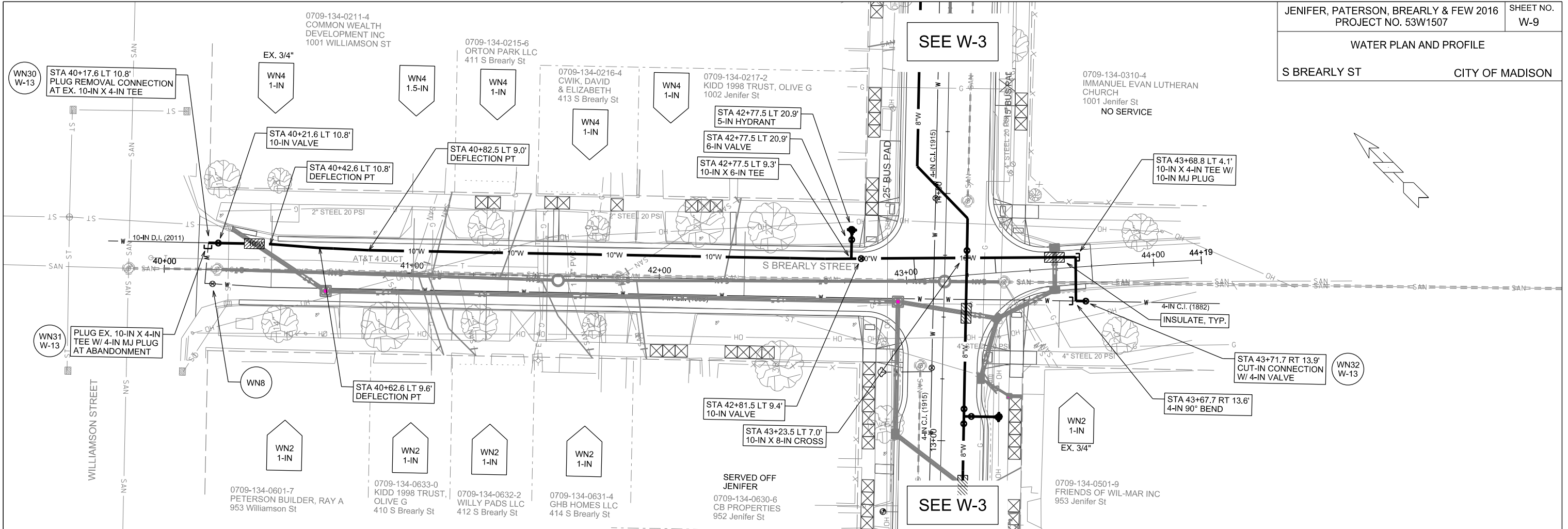
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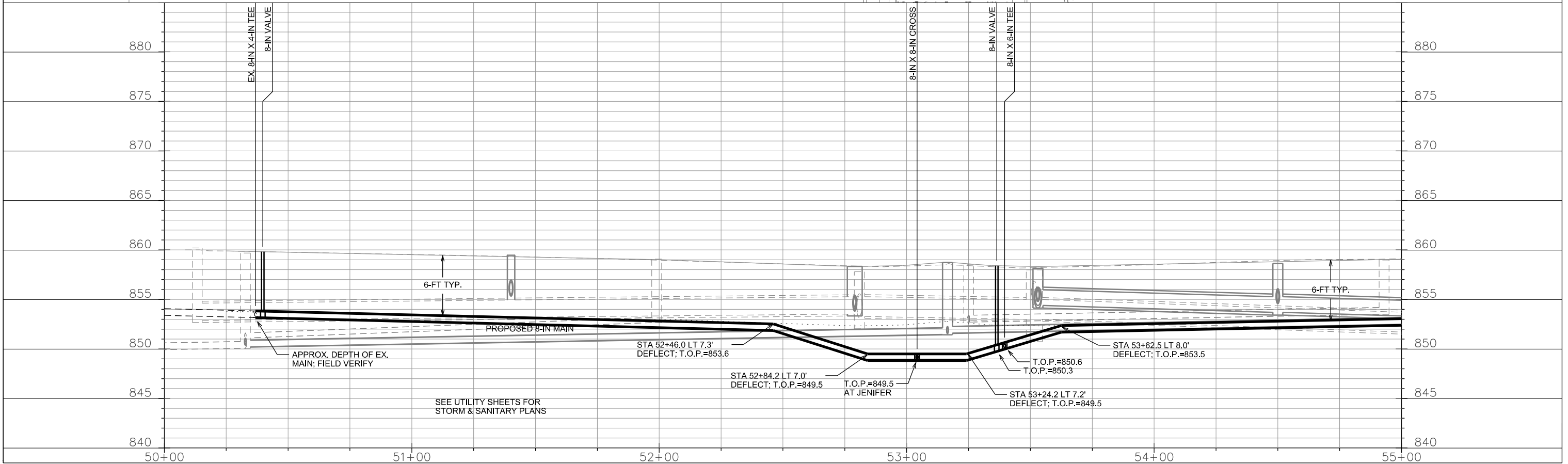
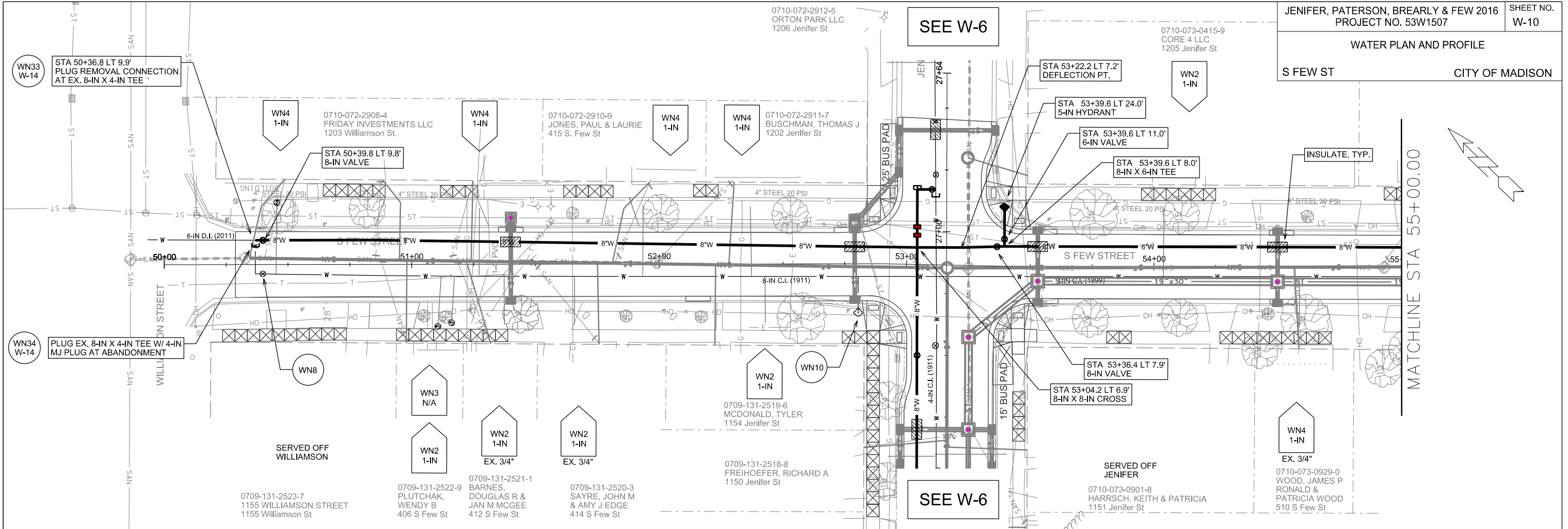
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ORIGINATOR: CITY OF MADISON, STREETS DIVISION





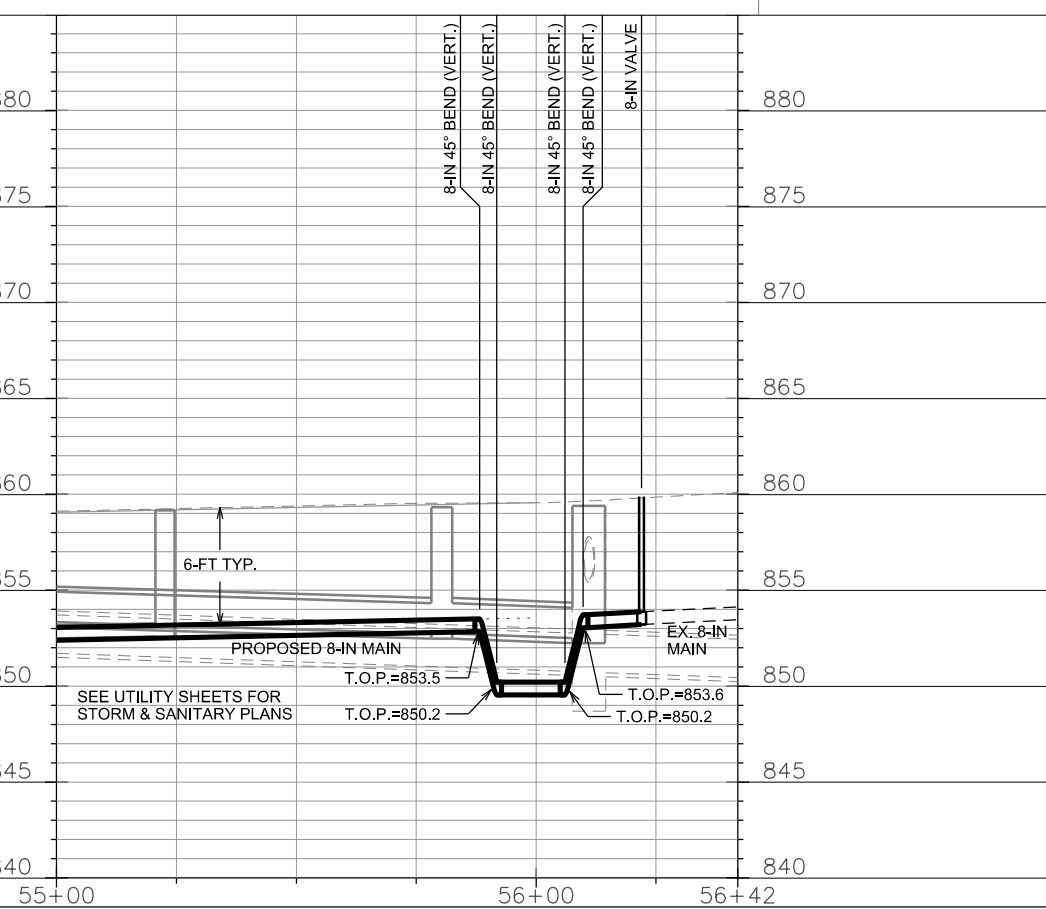
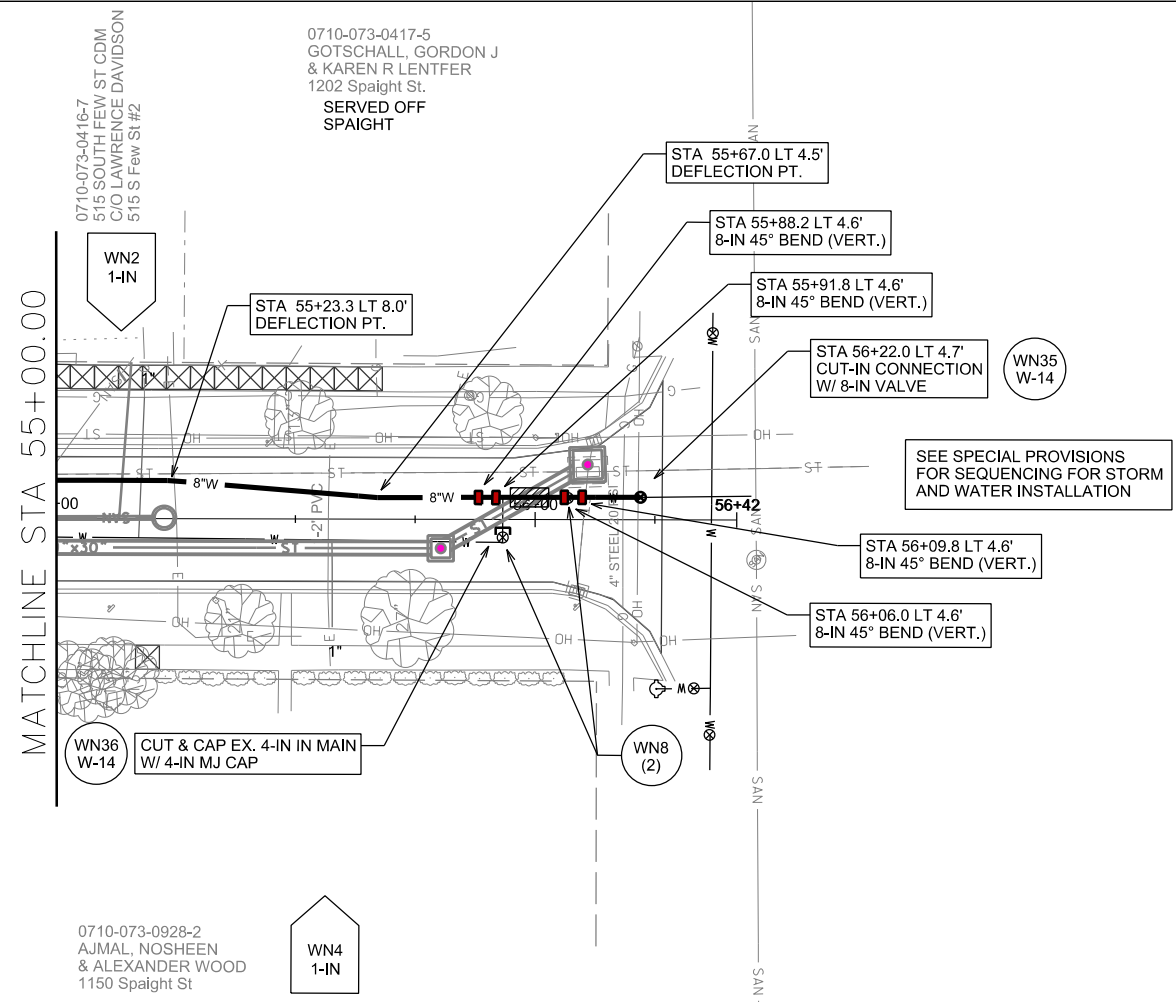
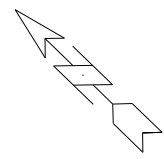


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ORIGINATOR: CITY OF MADISON, STREETS DIVISION

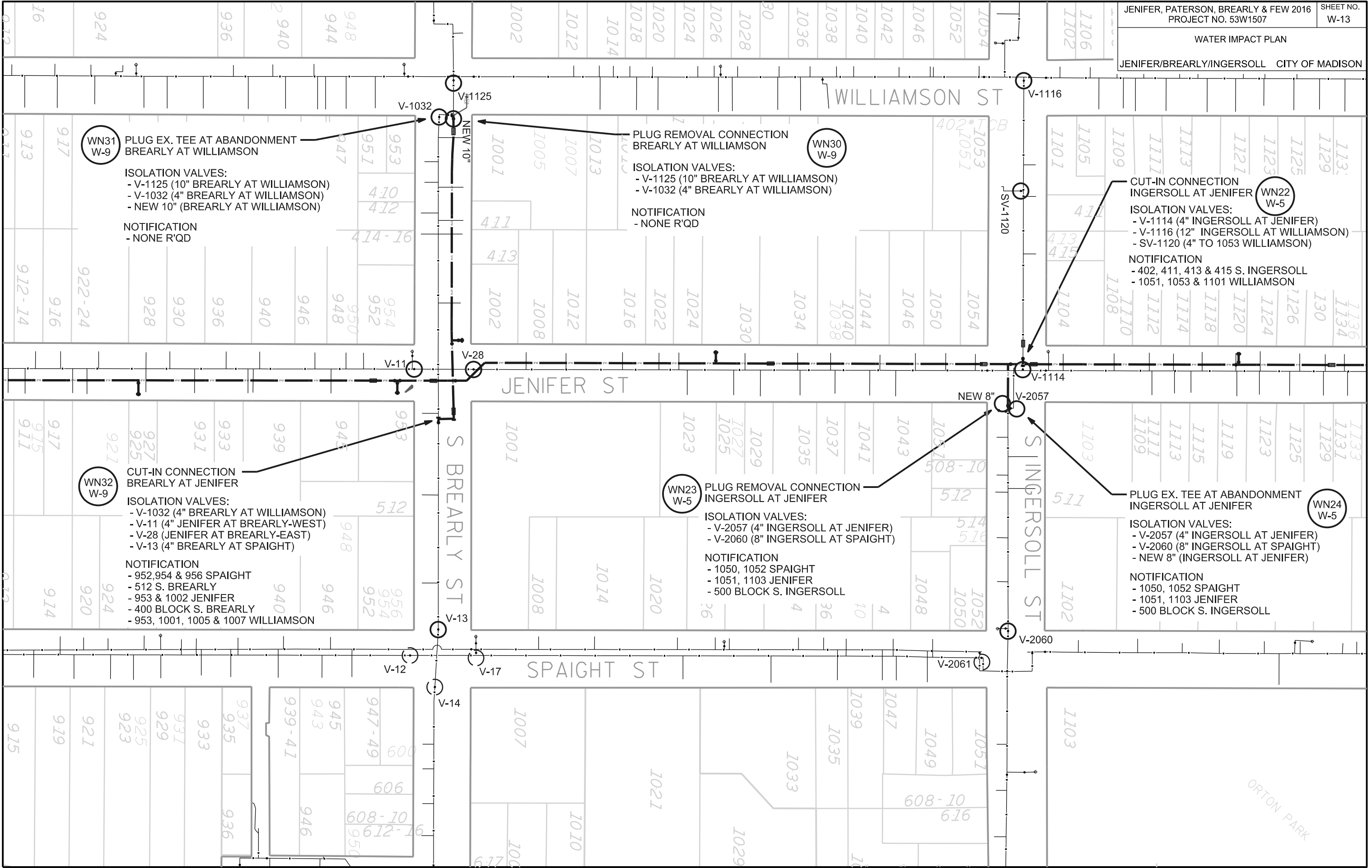


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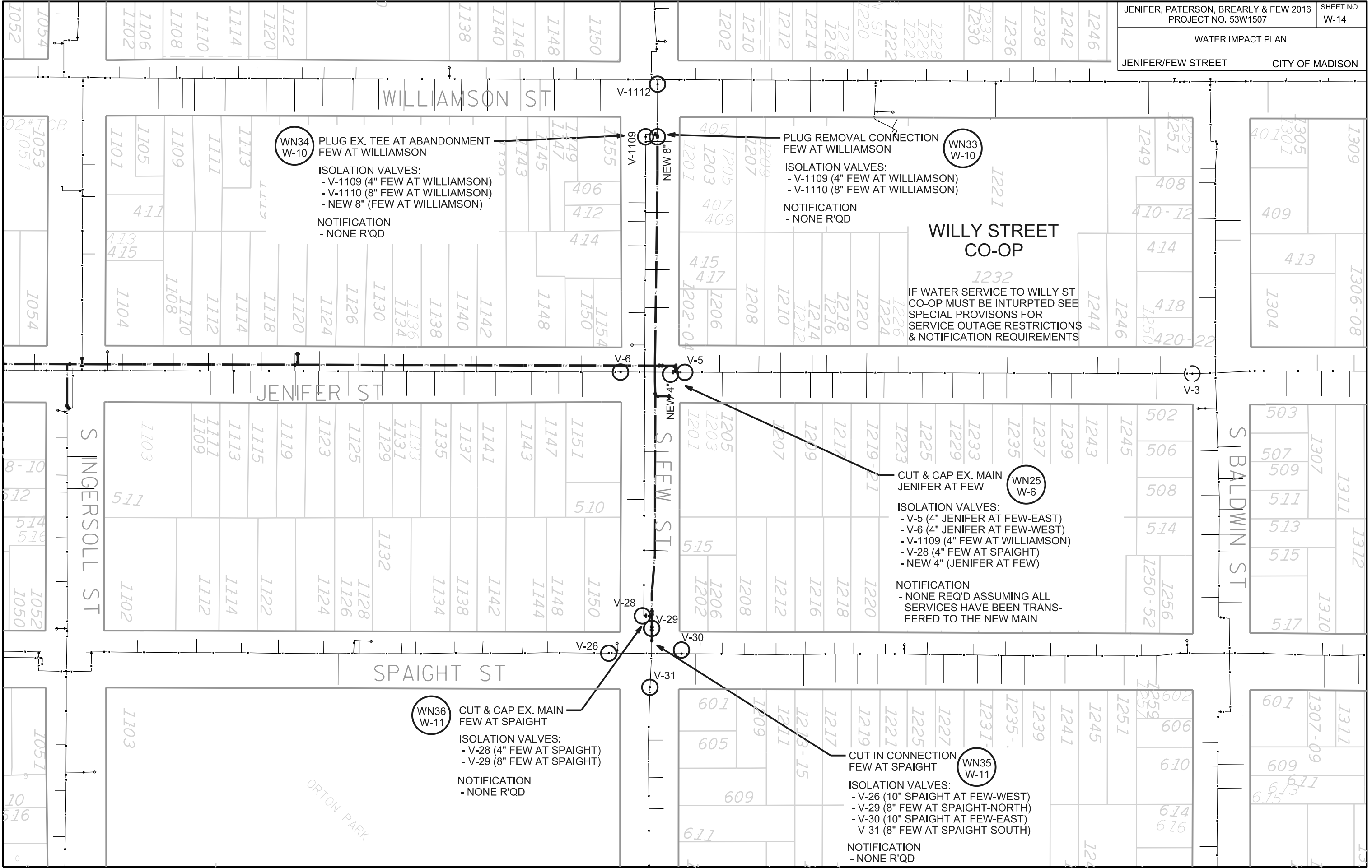


PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



WN34 W-10 PLUG EX. TEE AT ABANDONMENT FEW AT WILLIAMSON
 ISOLATION VALVES:
 - V-1109 (4" FEW AT WILLIAMSON)
 - V-1110 (8" FEW AT WILLIAMSON)
 - NEW 8" (FEW AT WILLIAMSON)
 NOTIFICATION
 - NONE R'QD

WN33 W-10 PLUG REMOVAL CONNECTION FEW AT WILLIAMSON
 ISOLATION VALVES:
 - V-1109 (4" FEW AT WILLIAMSON)
 - V-1110 (8" FEW AT WILLIAMSON)
 NOTIFICATION
 - NONE R'QD

WILLY STREET CO-OP
 IF WATER SERVICE TO WILLY ST CO-OP MUST BE INTURPTED SEE SPECIAL PROVISONS FOR SERVICE OUTAGE RESTRICTIONS & NOTIFICATION REQUIREMENTS

WN25 W-6 CUT & CAP EX. MAIN JENIFER AT FEW
 ISOLATION VALVES:
 - V-5 (4" JENIFER AT FEW-EAST)
 - V-6 (4" JENIFER AT FEW-WEST)
 - V-1109 (4" FEW AT WILLIAMSON)
 - V-28 (4" FEW AT SPAIGHT)
 - NEW 4" (JENIFER AT FEW)
 NOTIFICATION
 - NONE REQ'D ASSUMING ALL SERVICES HAVE BEEN TRANSFERED TO THE NEW MAIN

WN36 W-11 CUT & CAP EX. MAIN FEW AT SPAIGHT
 ISOLATION VALVES:
 - V-28 (4" FEW AT SPAIGHT)
 - V-29 (8" FEW AT SPAIGHT)
 NOTIFICATION
 - NONE R'QD

WN35 W-11 CUT IN CONNECTION FEW AT SPAIGHT
 ISOLATION VALVES:
 - V-26 (10" SPAIGHT AT FEW-WEST)
 - V-29 (8" FEW AT SPAIGHT-NORTH)
 - V-30 (10" SPAIGHT AT FEW-EAST)
 - V-31 (8" FEW AT SPAIGHT-SOUTH)
 NOTIFICATION
 - NONE R'QD

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

WATER PLAN OVERVIEW
 JENIFER/FEW STREET CITY OF MADISON



EXISTING WATER MAIN
 PROPOSED WATER MAIN

PLOT SCALE: _____

PLOT NAME: _____

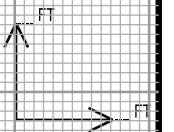
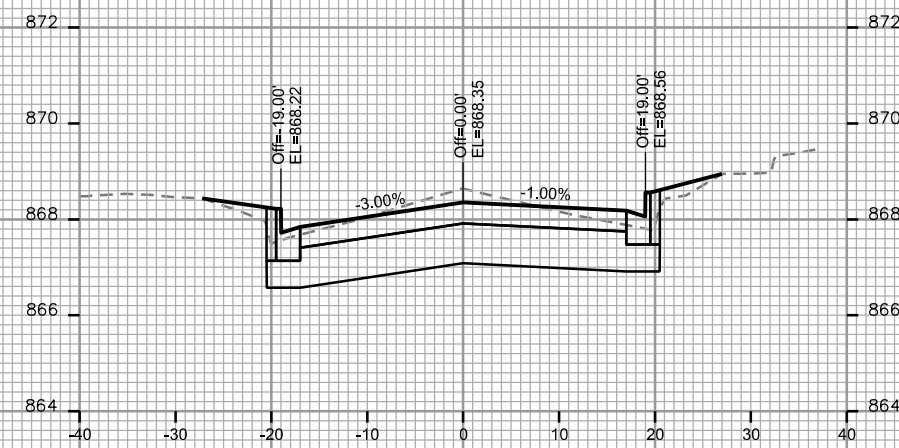
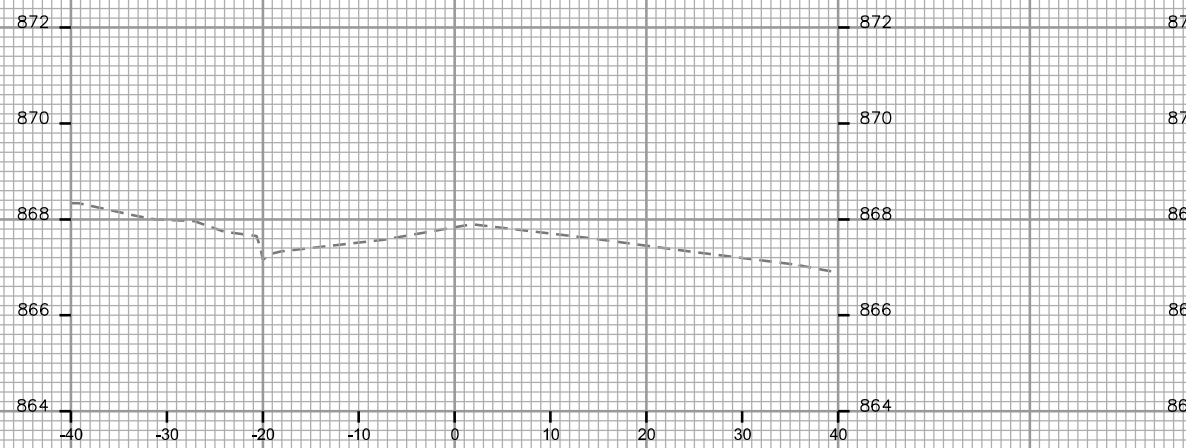
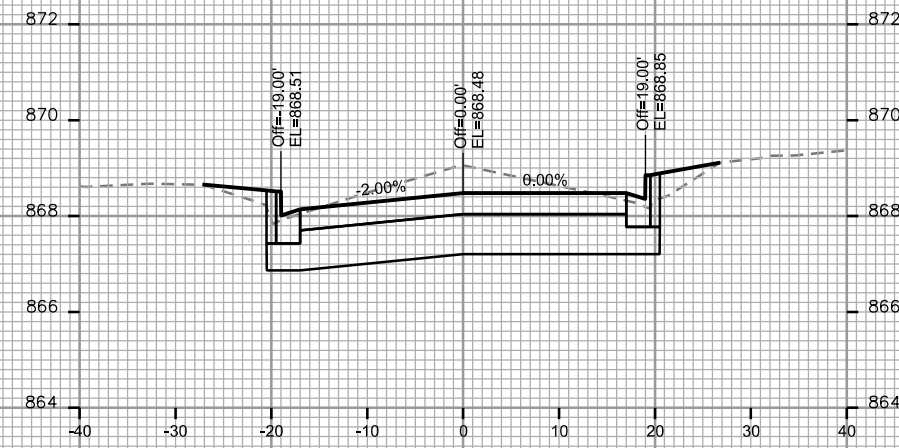
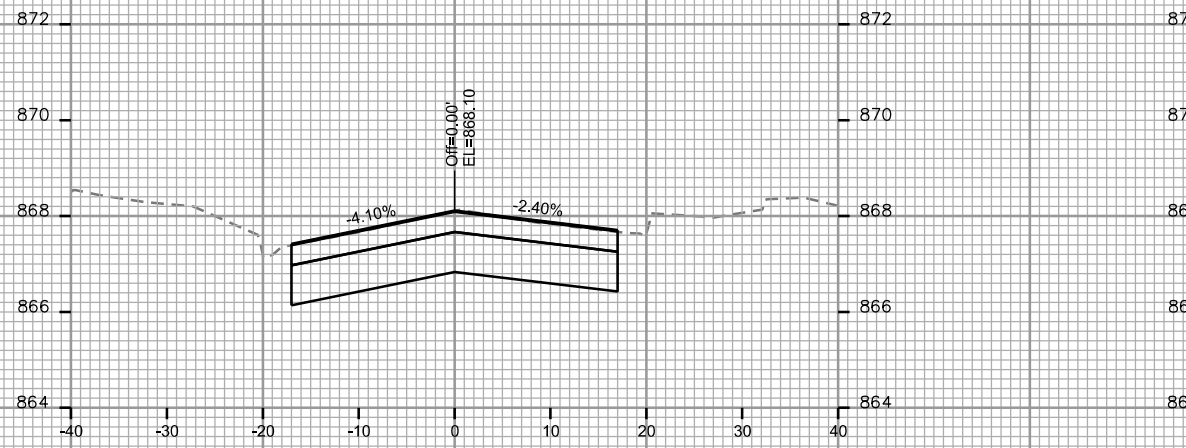
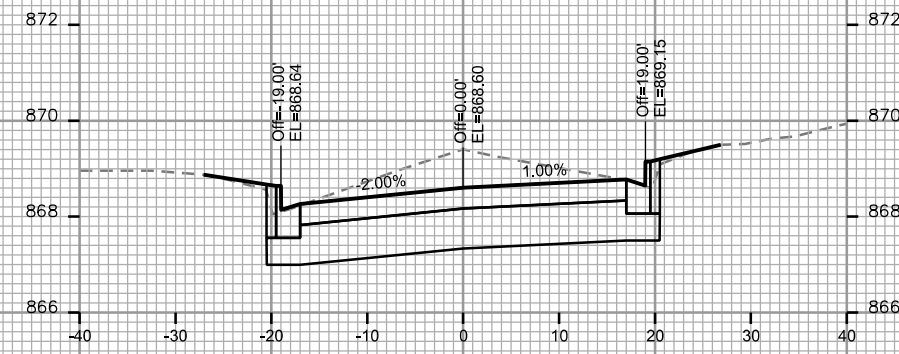
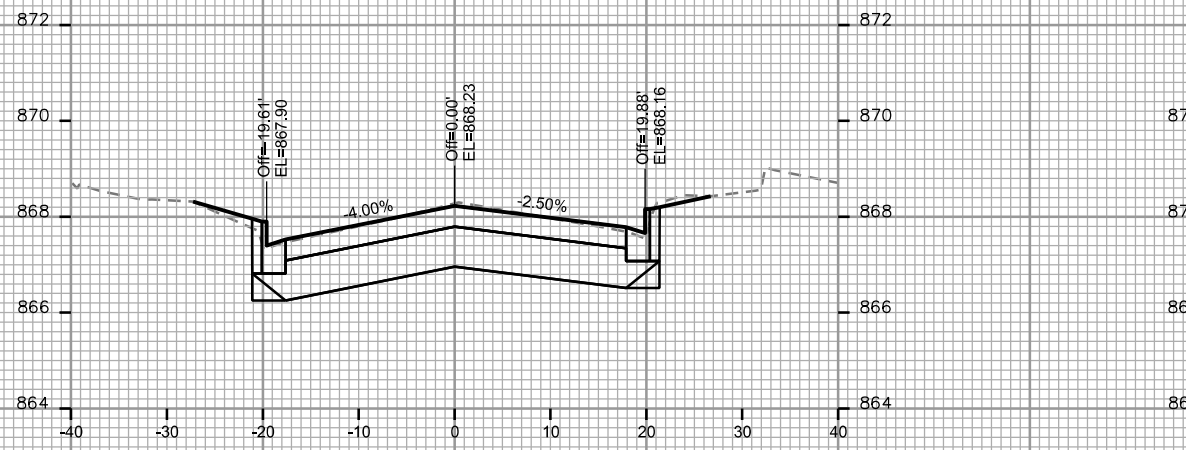
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ORIGINATOR: CITY OF MADISON, STREETS DIVISION

CROSS SECTIONS

JENIFER STREET

CITY OF MADISON



PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON - STREETS DIVISION

CROSS SECTIONS

JENIFER STREET

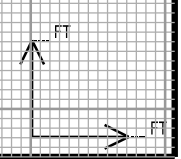
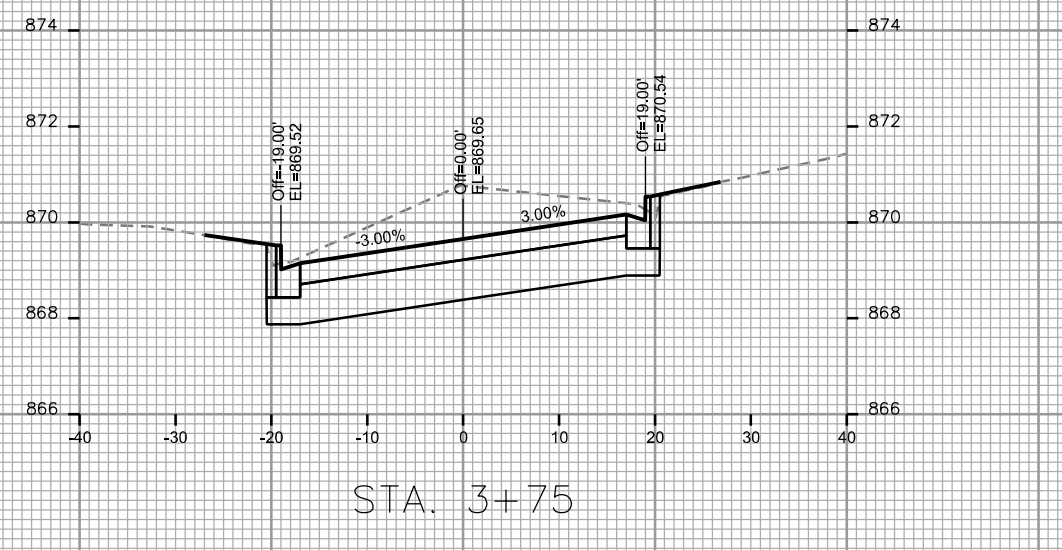
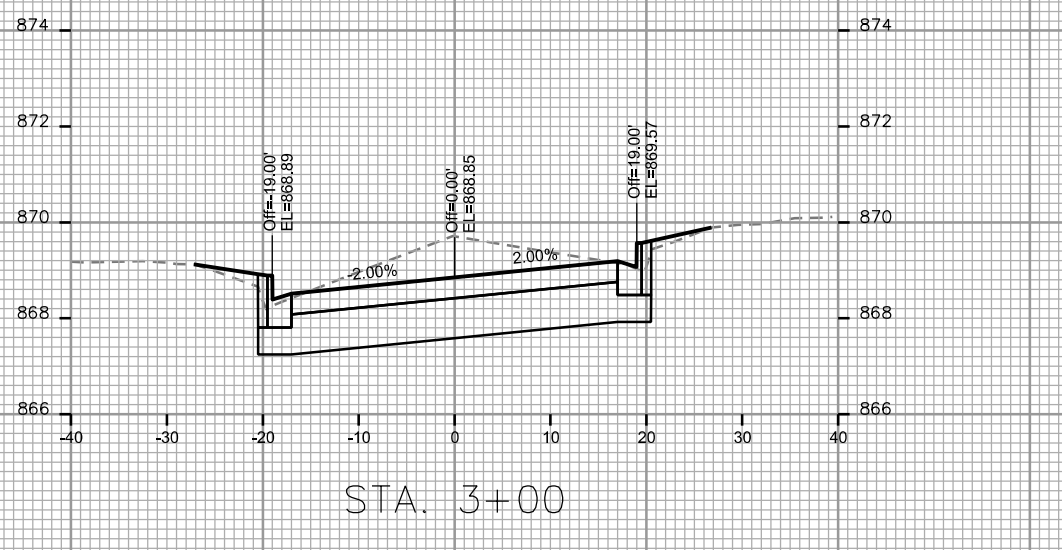
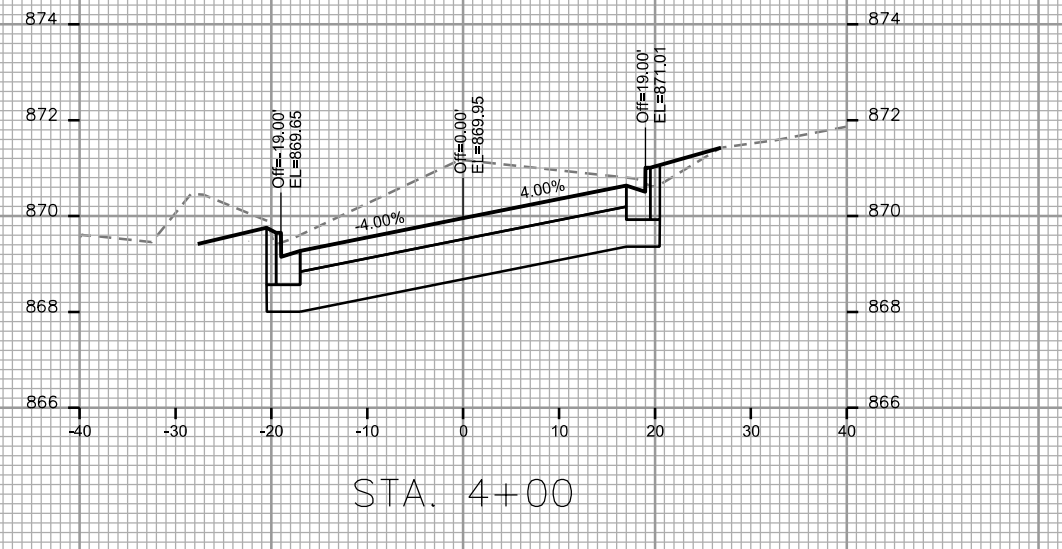
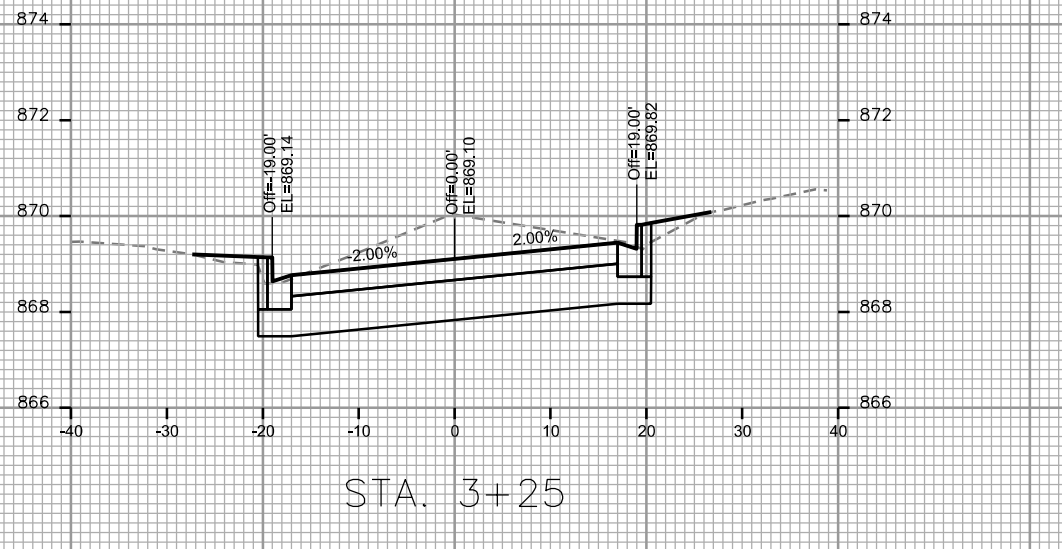
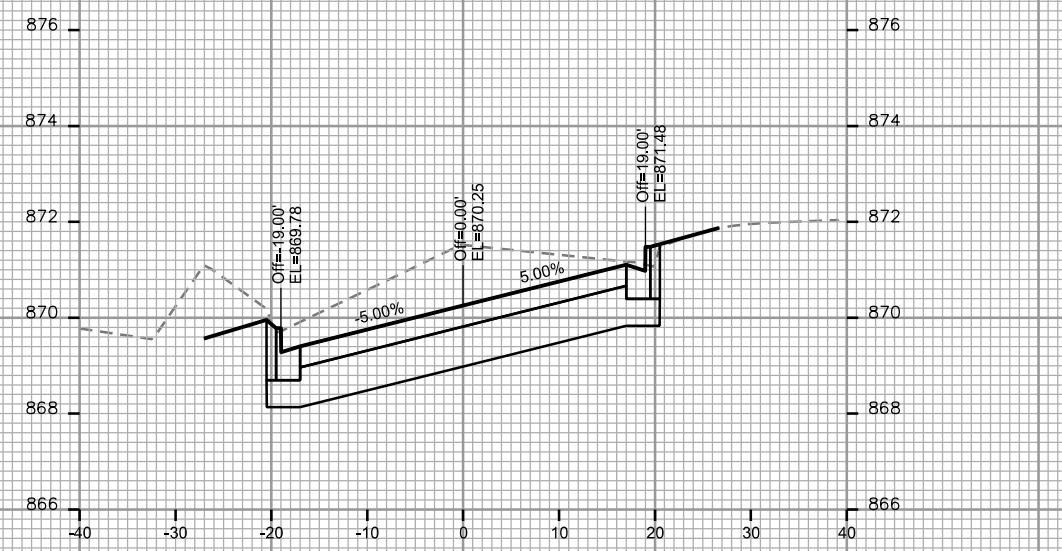
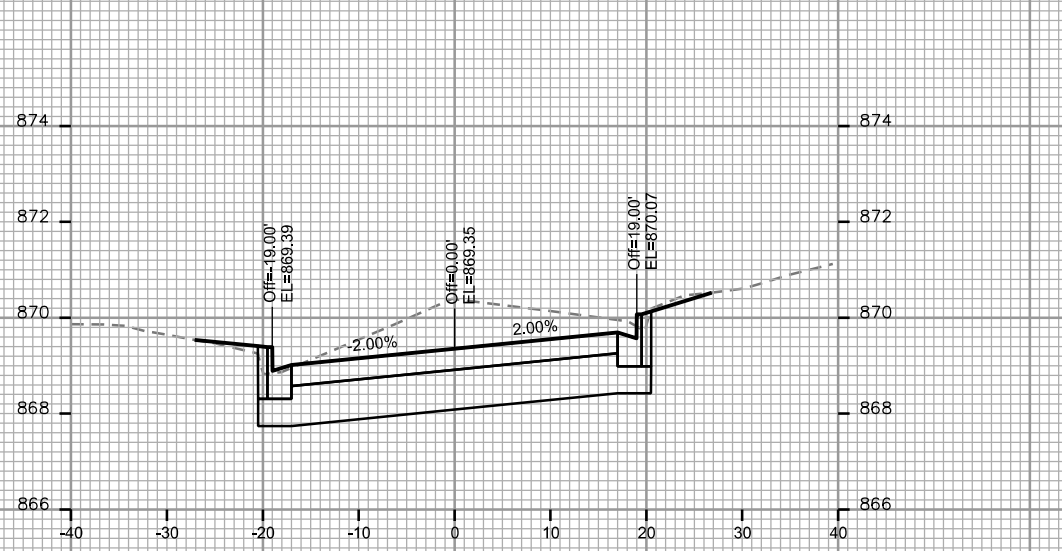
CITY OF MADISON

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

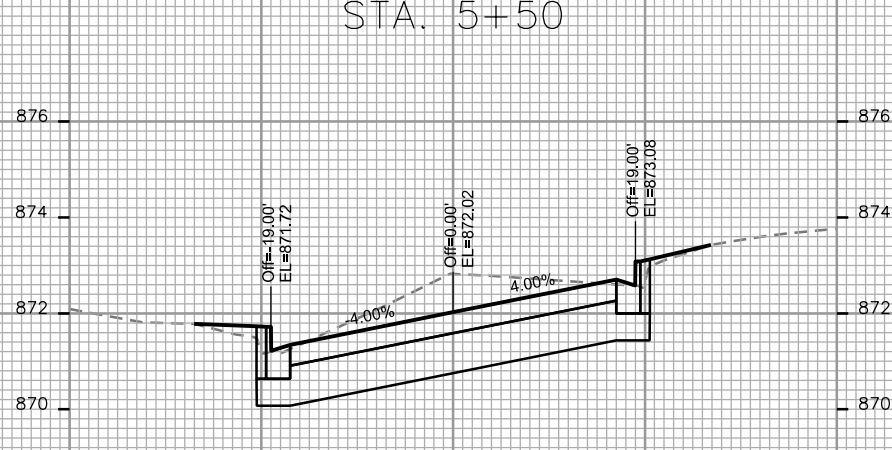
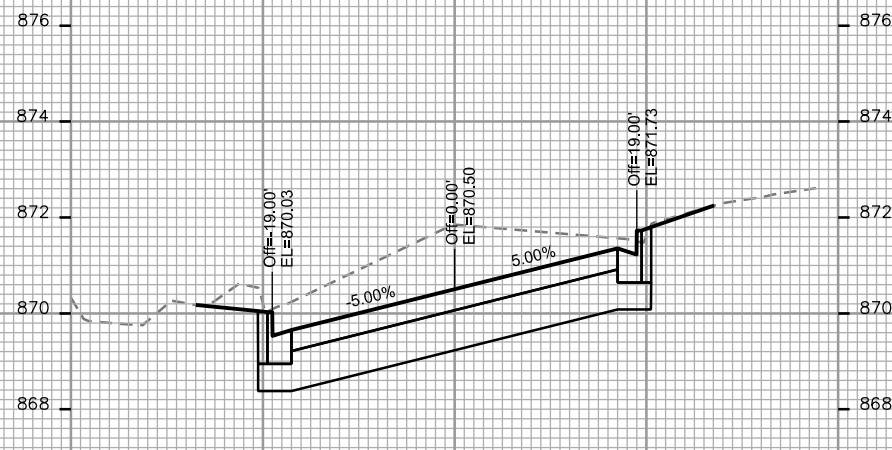
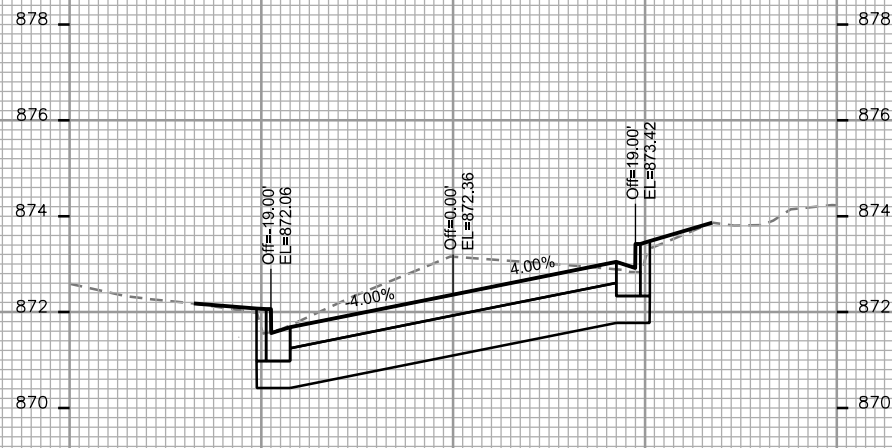
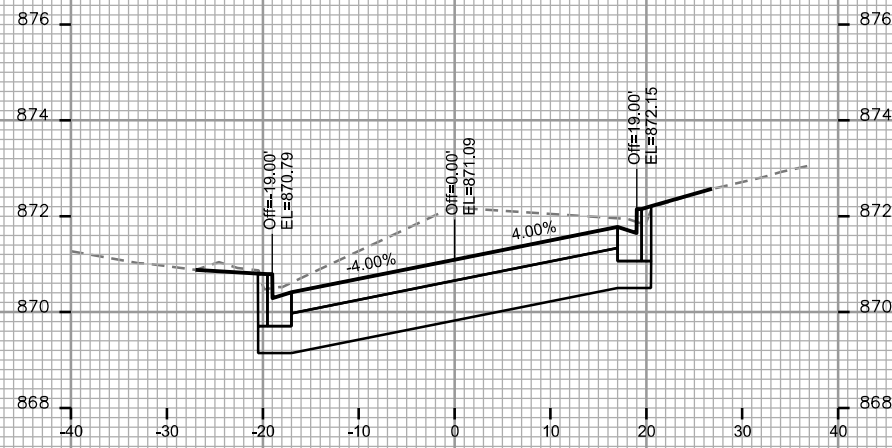
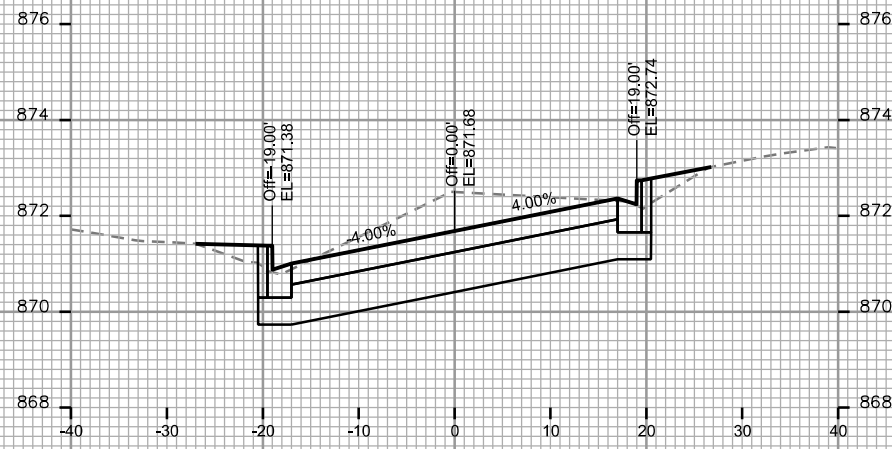
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



CROSS SECTIONS

JENIFER STREET

CITY OF MADISON



PLOT SCALE: _____

PLOT NAME: _____

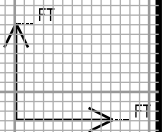
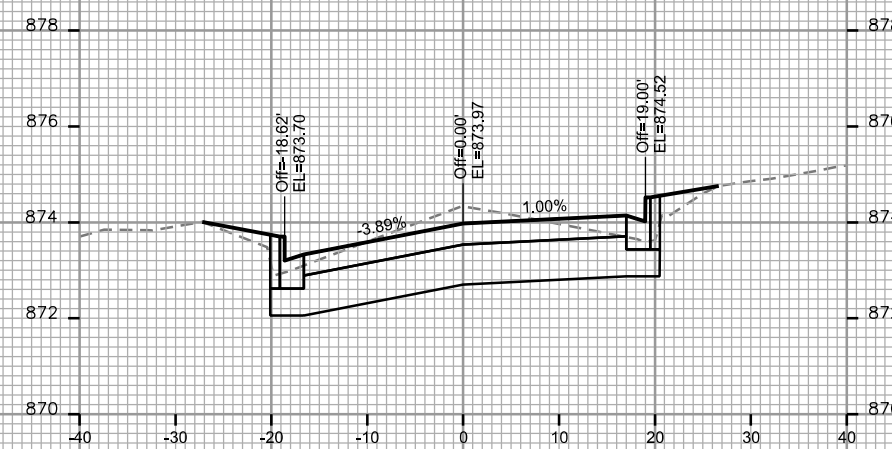
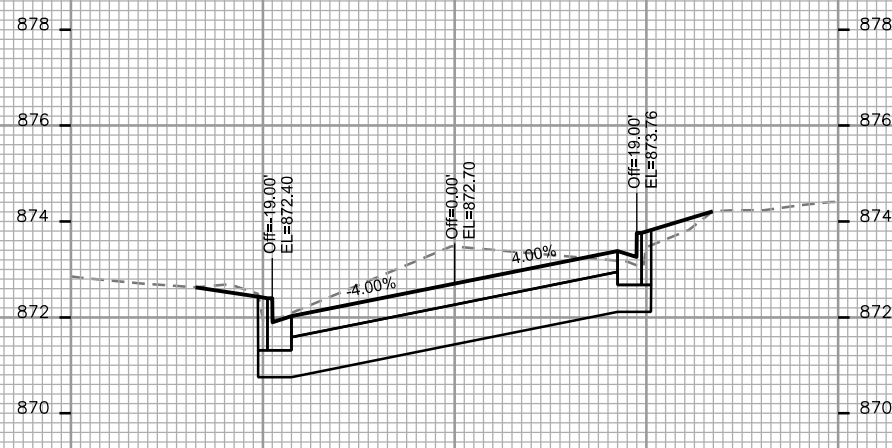
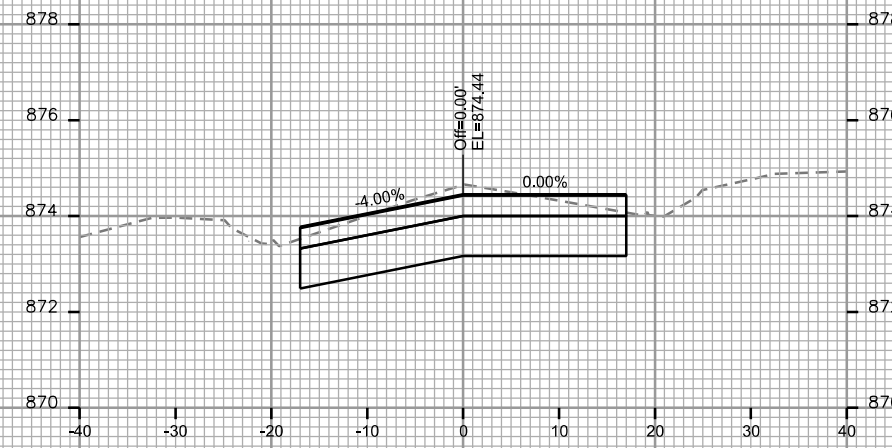
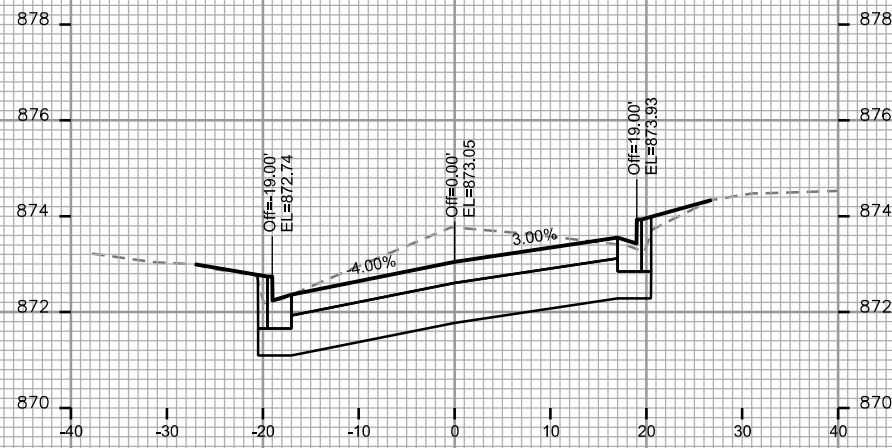
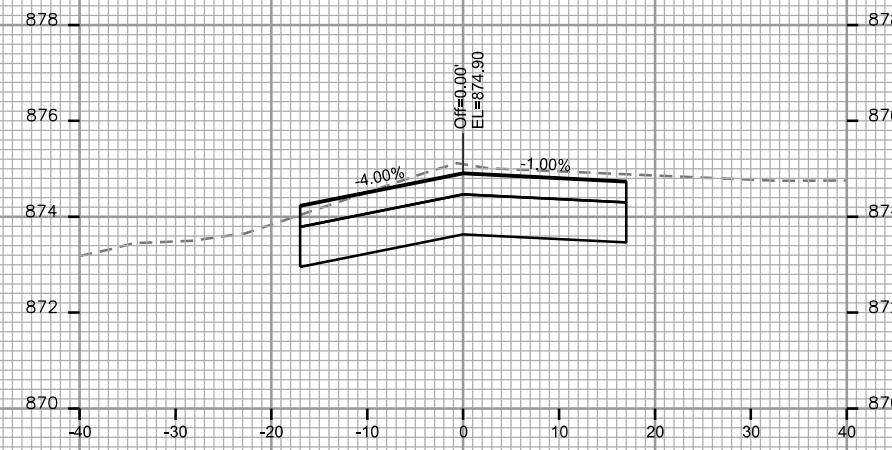
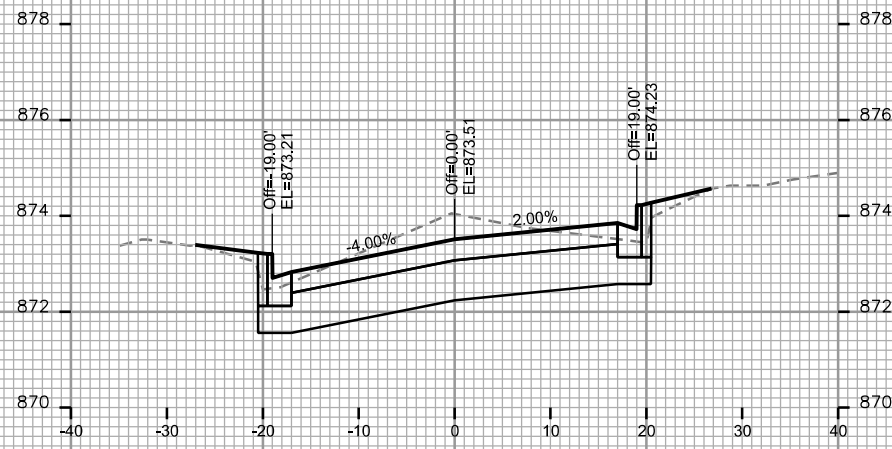
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ORIGINATOR: CITY OF MADISON, STREETS DIVISION

CROSS SECTIONS

JENIFER STREET

CITY OF MADISON



PLOT SCALE: _____

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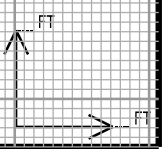
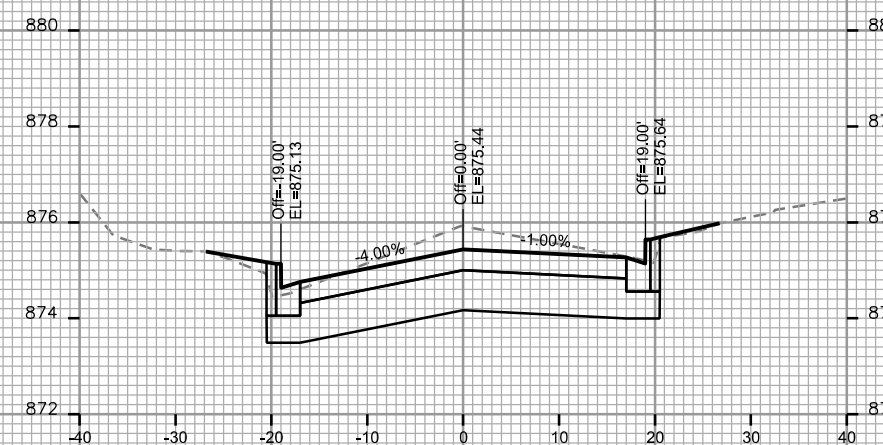
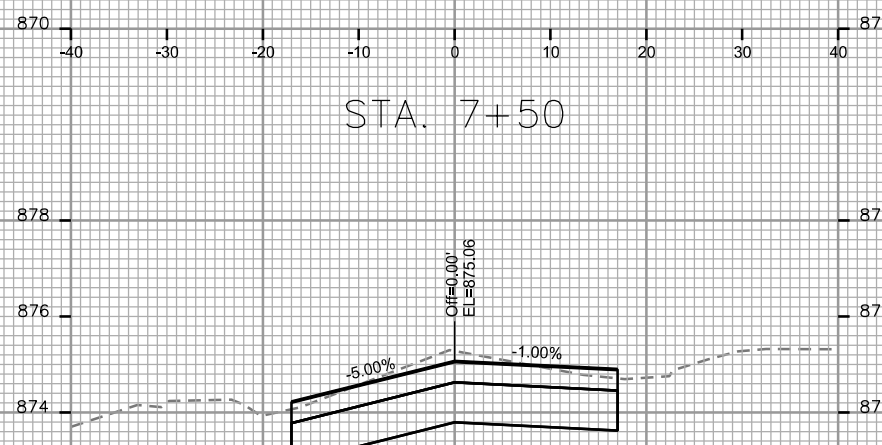
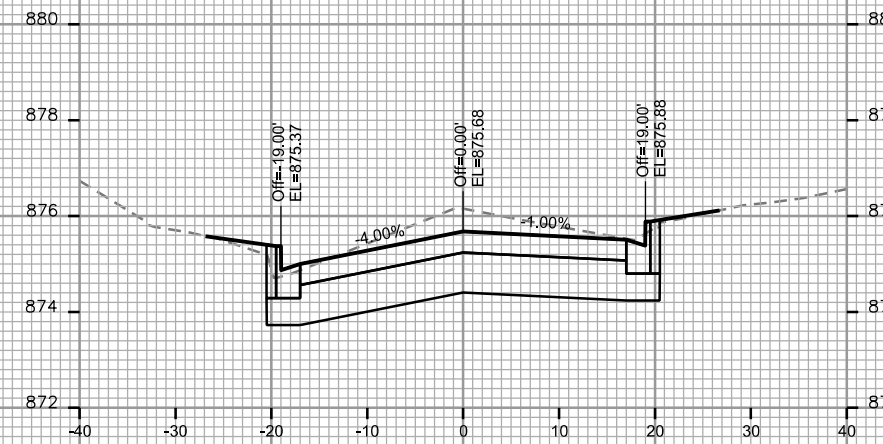
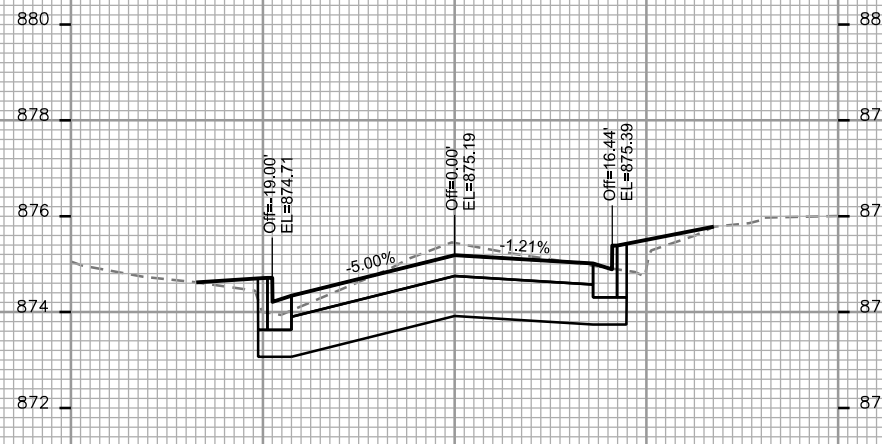
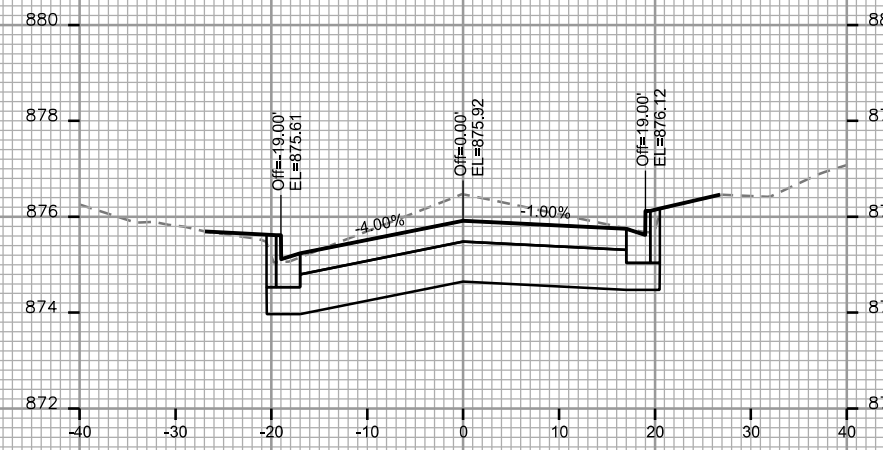
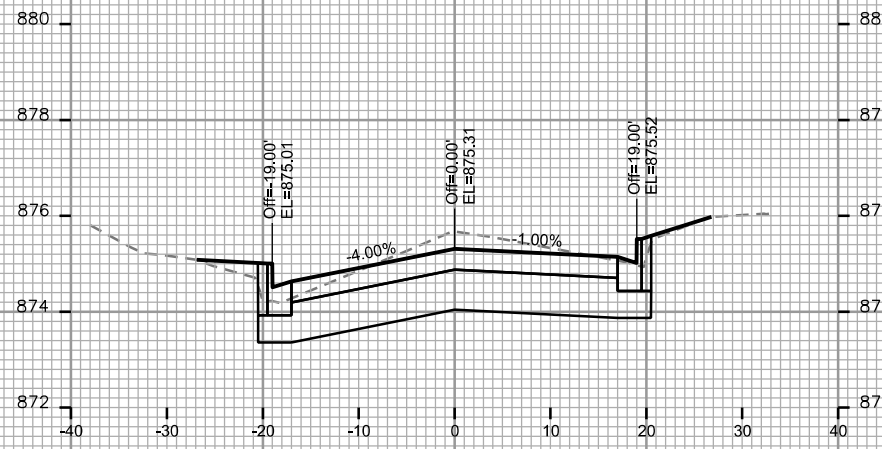
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ORIGINATOR: CITY OF MADISON - STREETS DIVISION

CROSS SECTIONS

JENIFER STREET

CITY OF MADISON



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ORIGINATOR: CITY OF MADISON, STREETS DIVISION

CROSS SECTIONS

JENIFER STREET

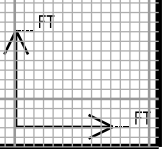
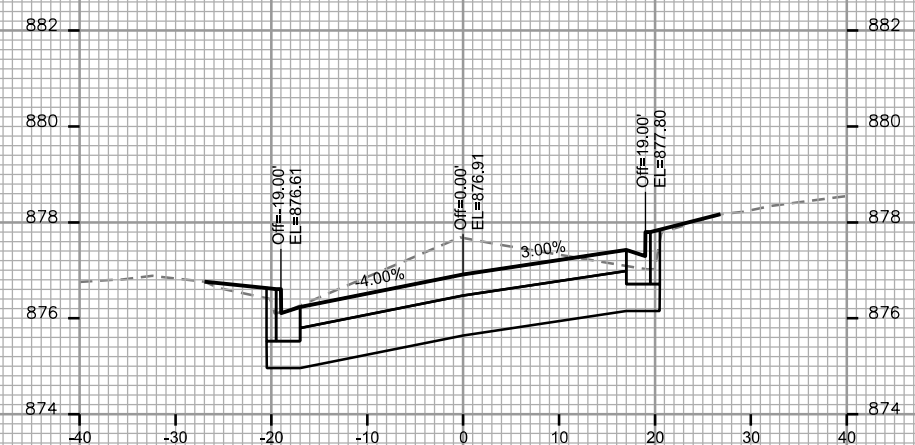
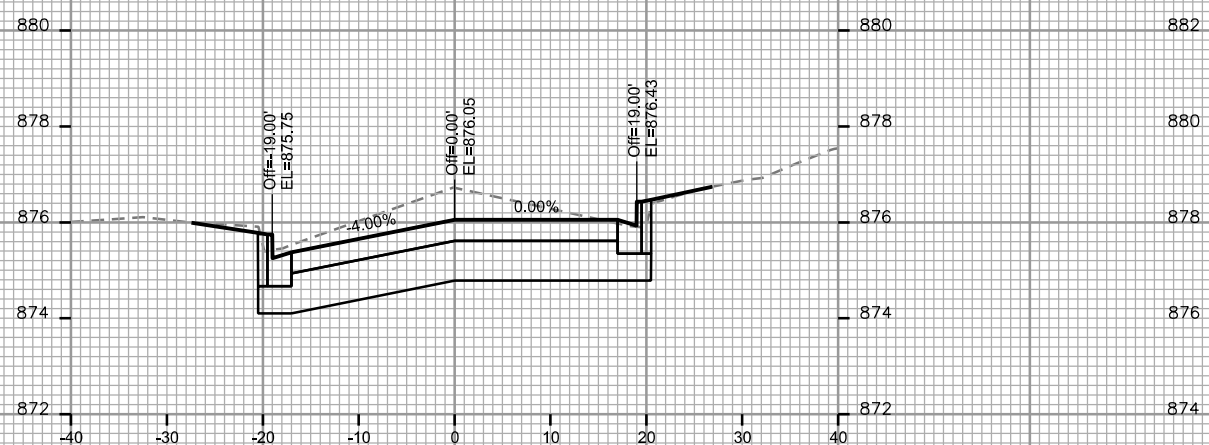
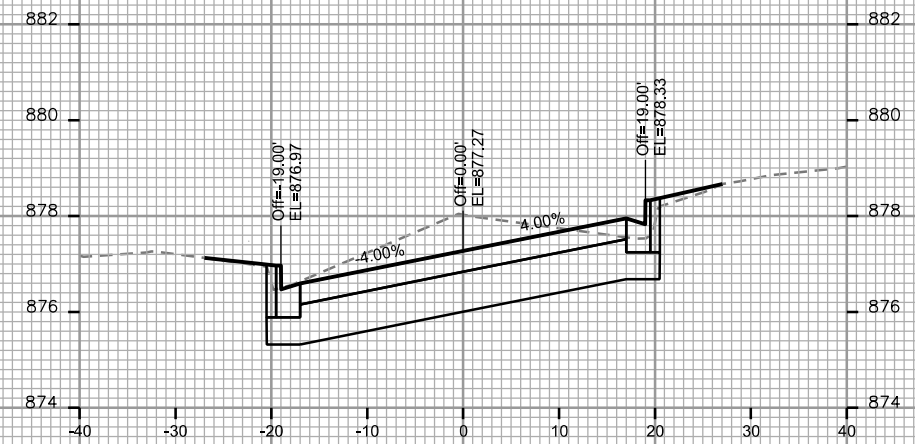
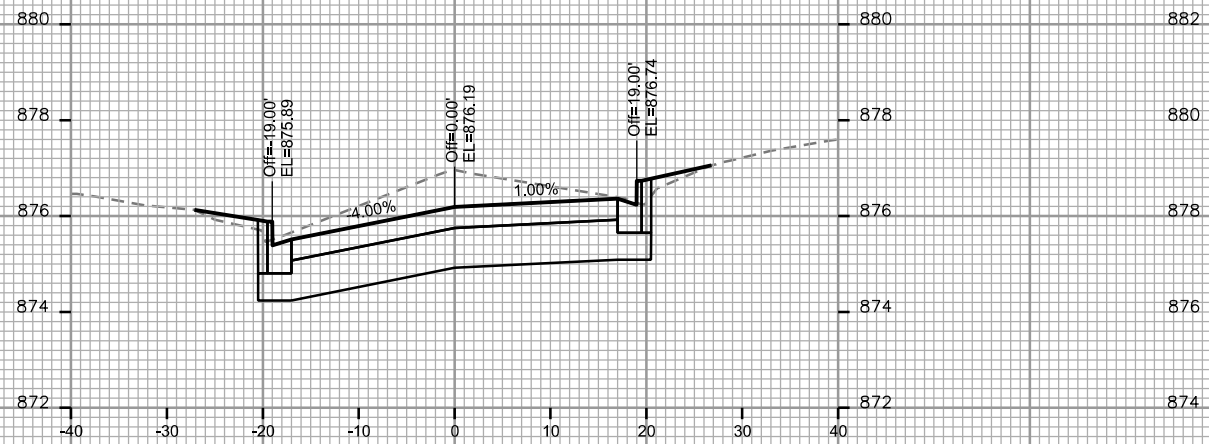
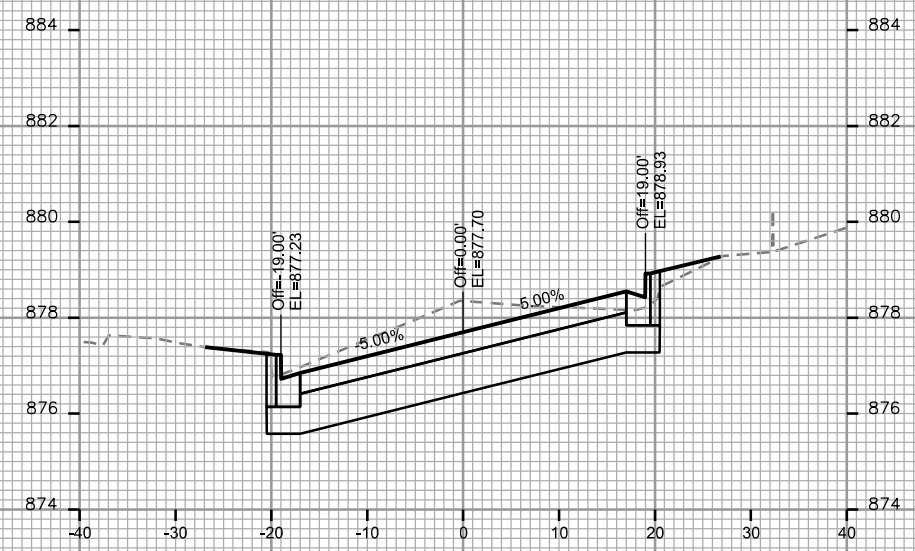
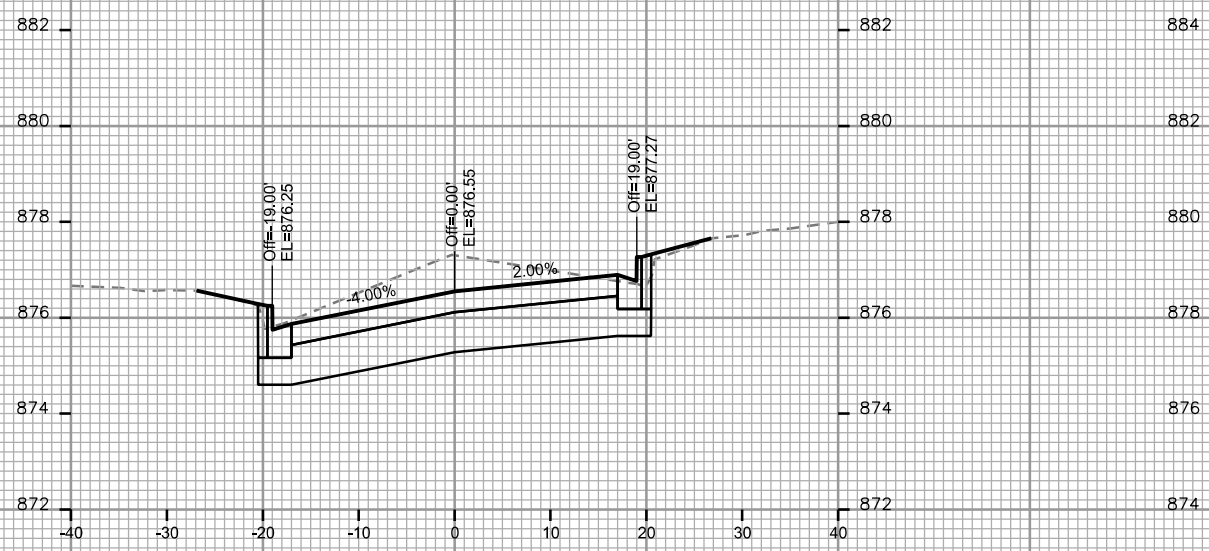
CITY OF MADISON

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PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



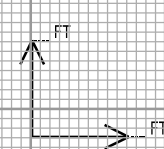
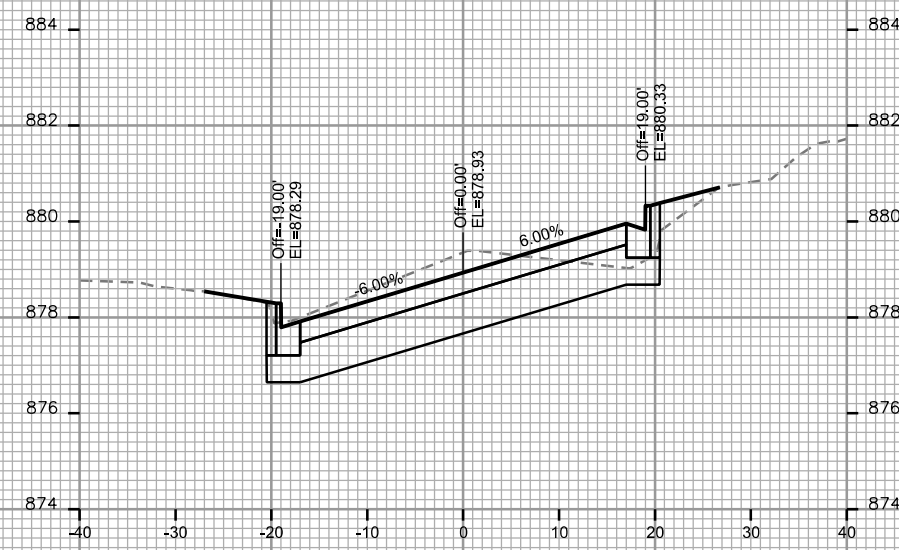
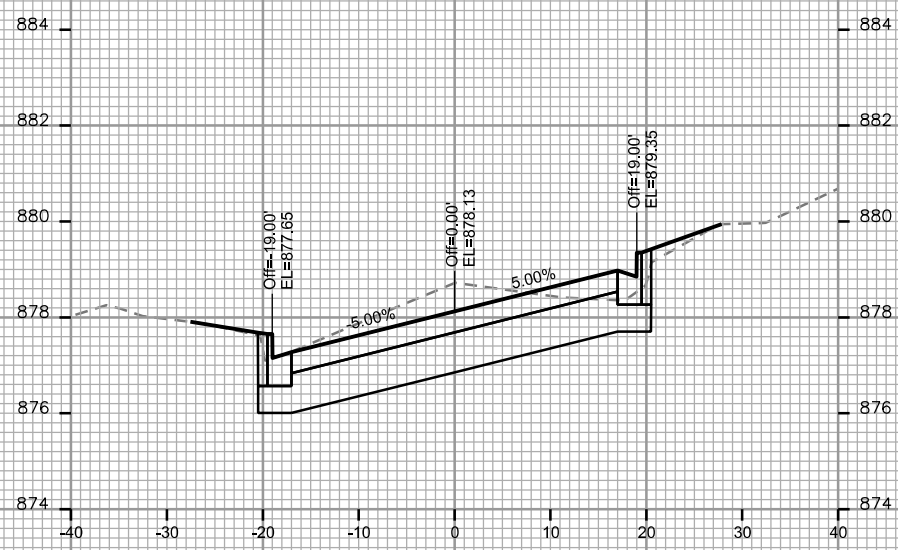
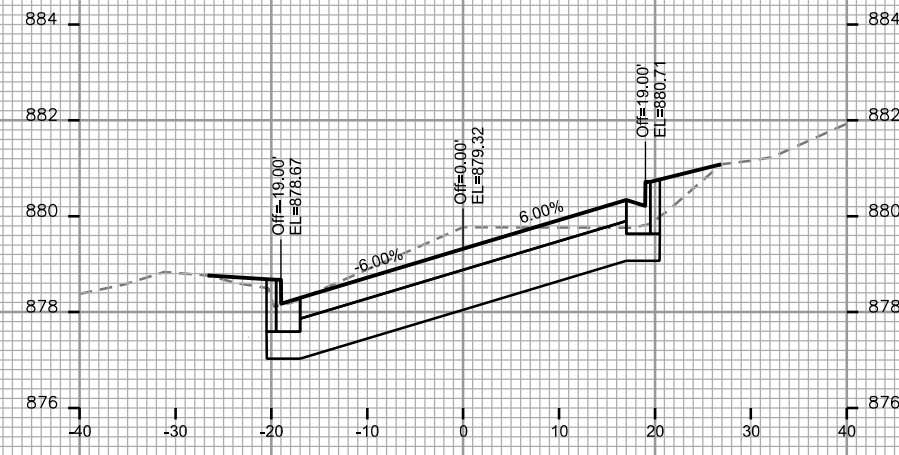
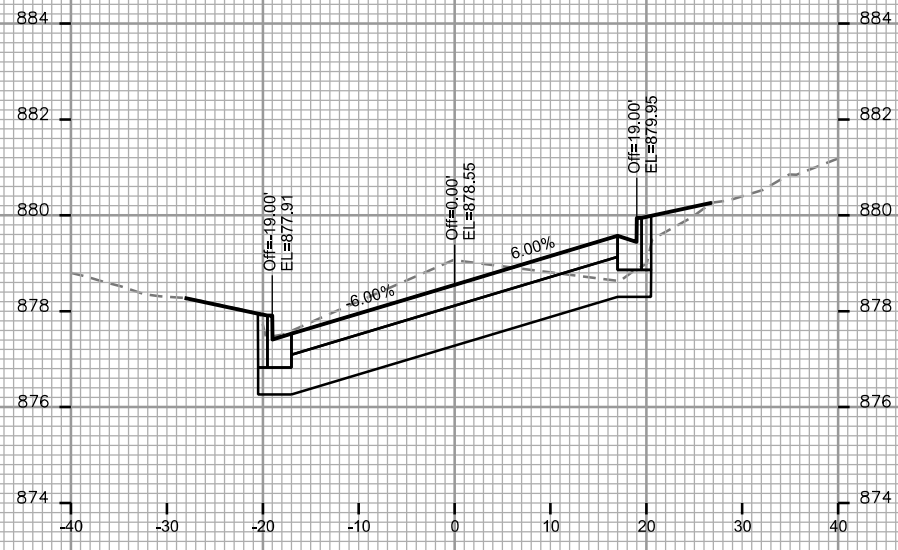
CROSS SECTIONS
JENIFER STREET CITY OF MADISON

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REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



CROSS SECTIONS

JENIFER STREET

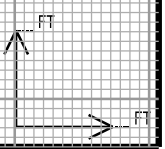
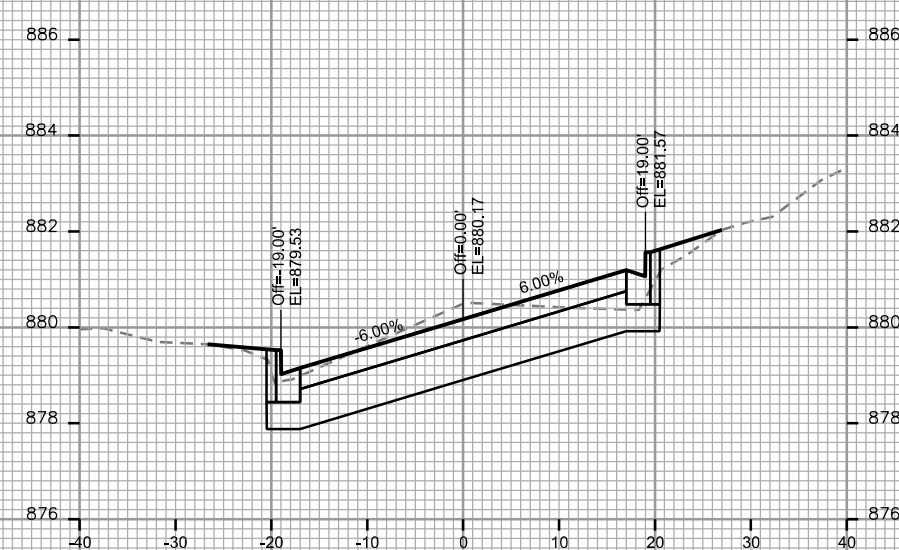
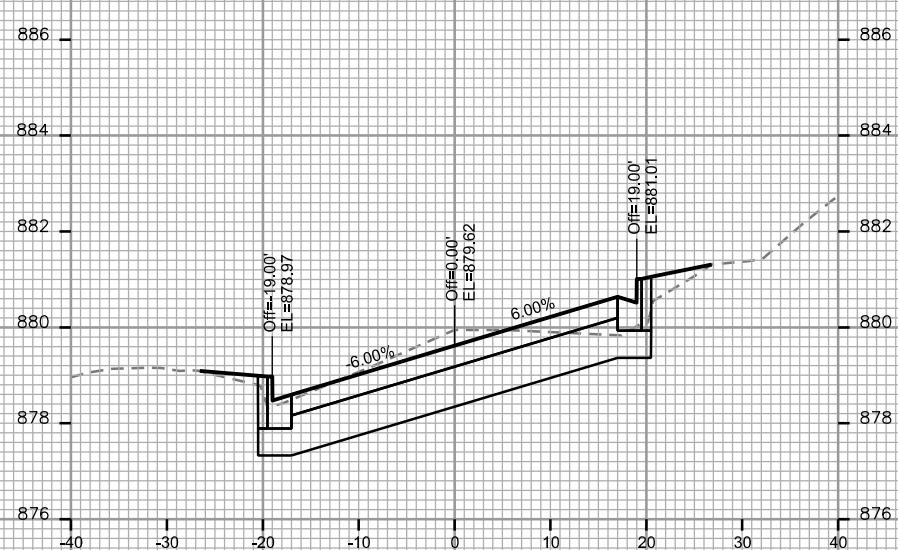
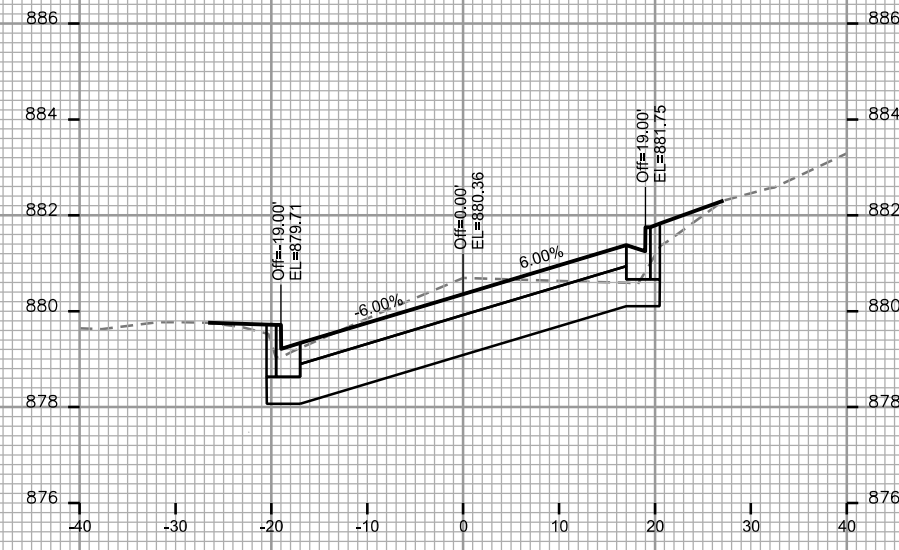
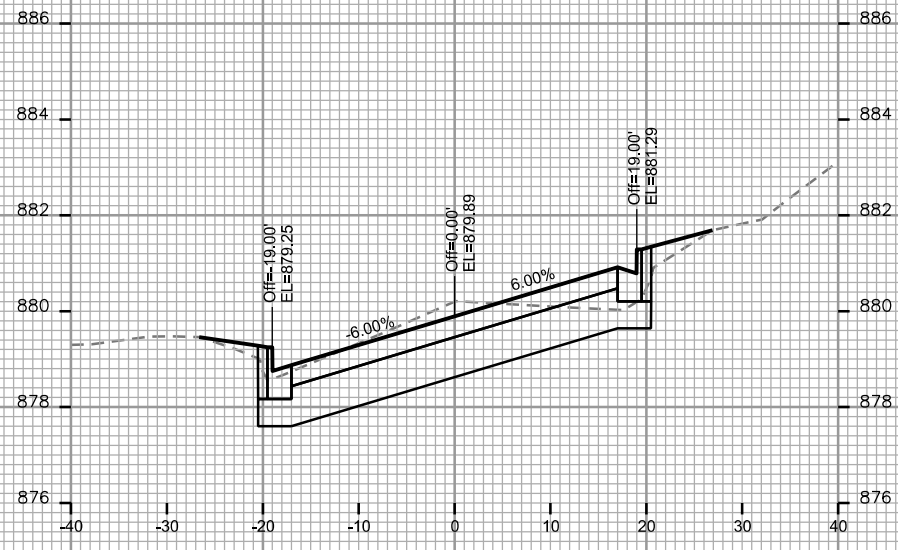
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ORIGINATOR: CITY OF MADISON, STREETS DIVISION



CROSS SECTIONS

JENIFER STREET

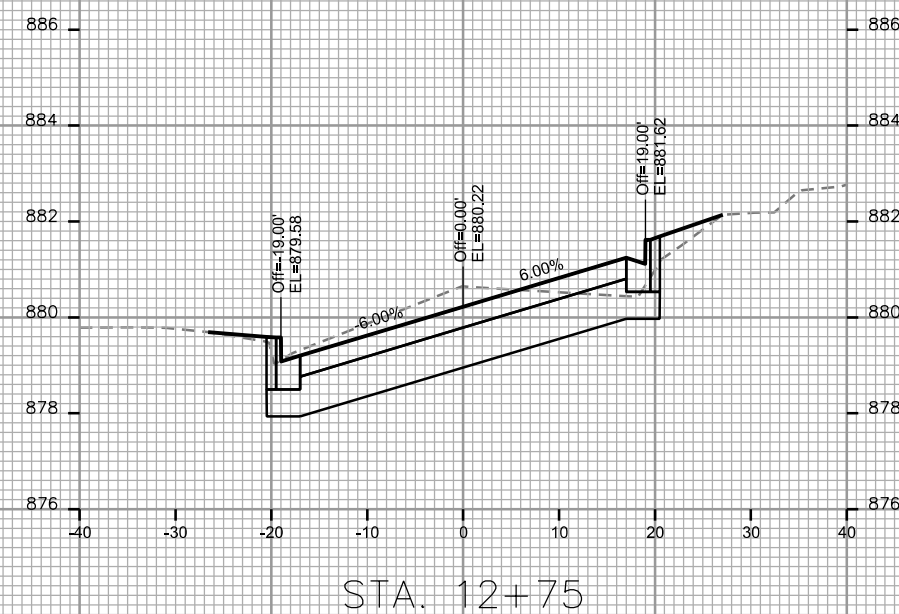
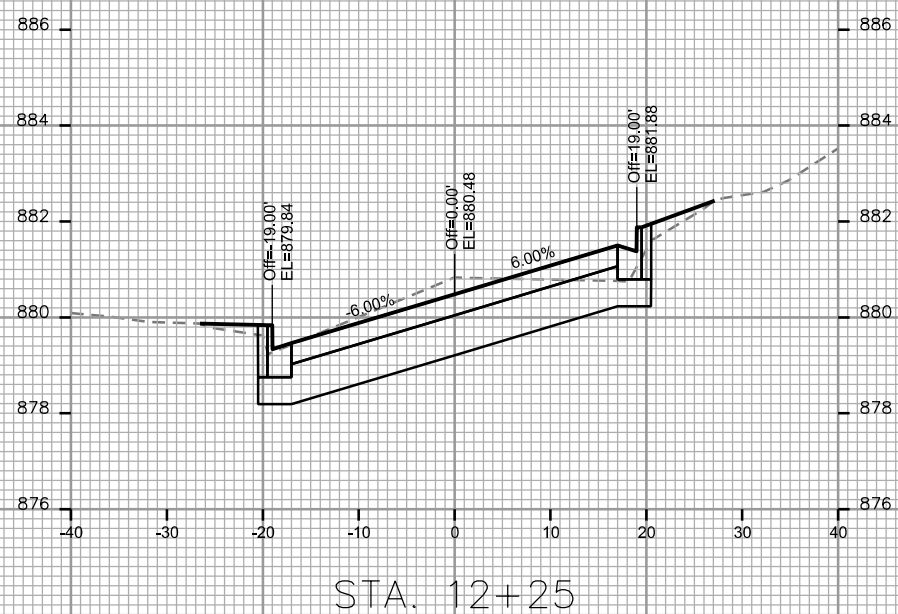
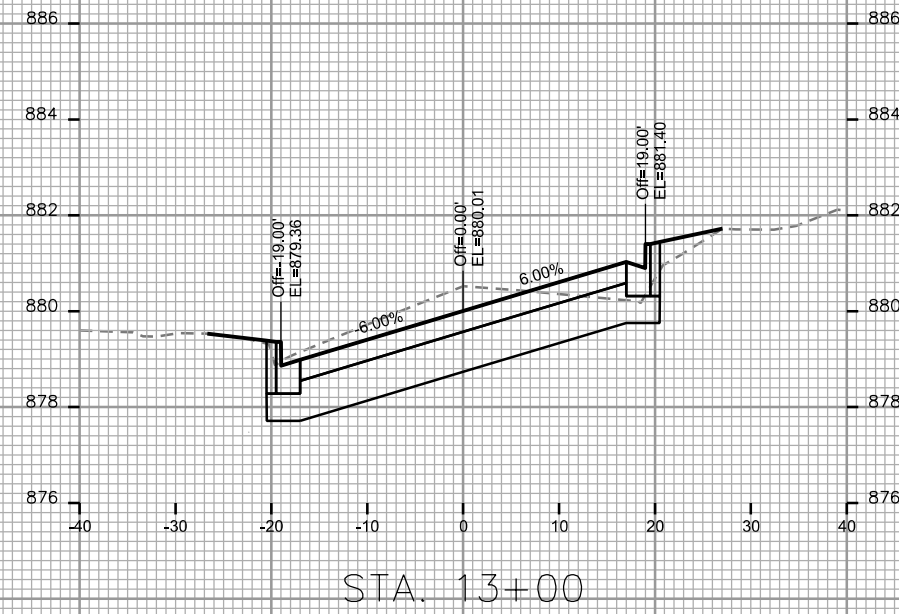
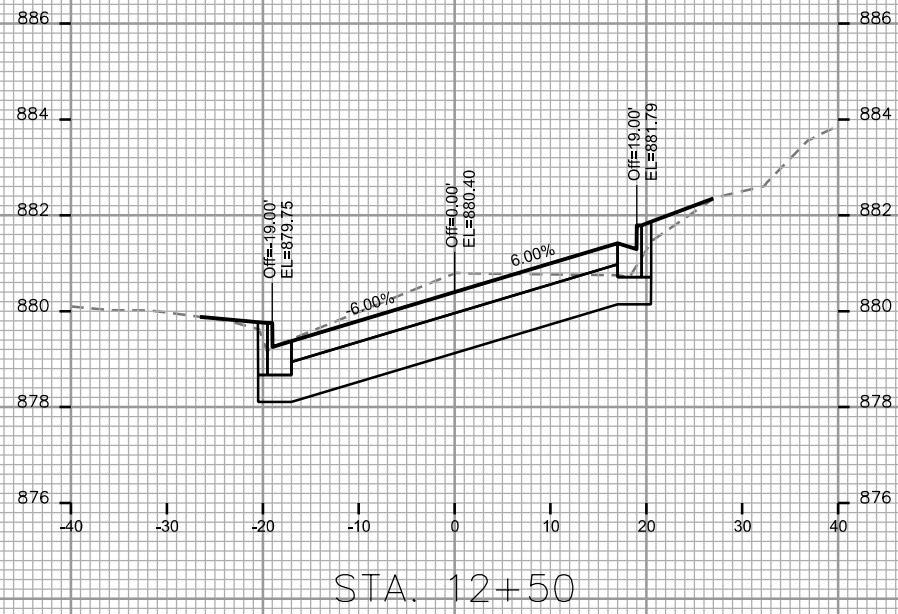
CITY OF MADISON

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PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



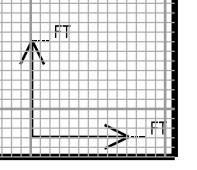
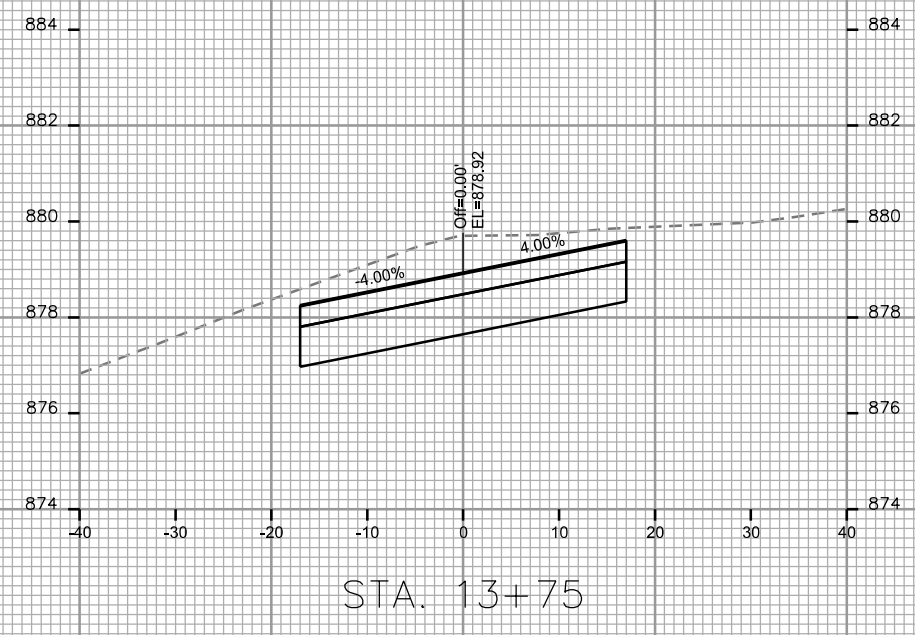
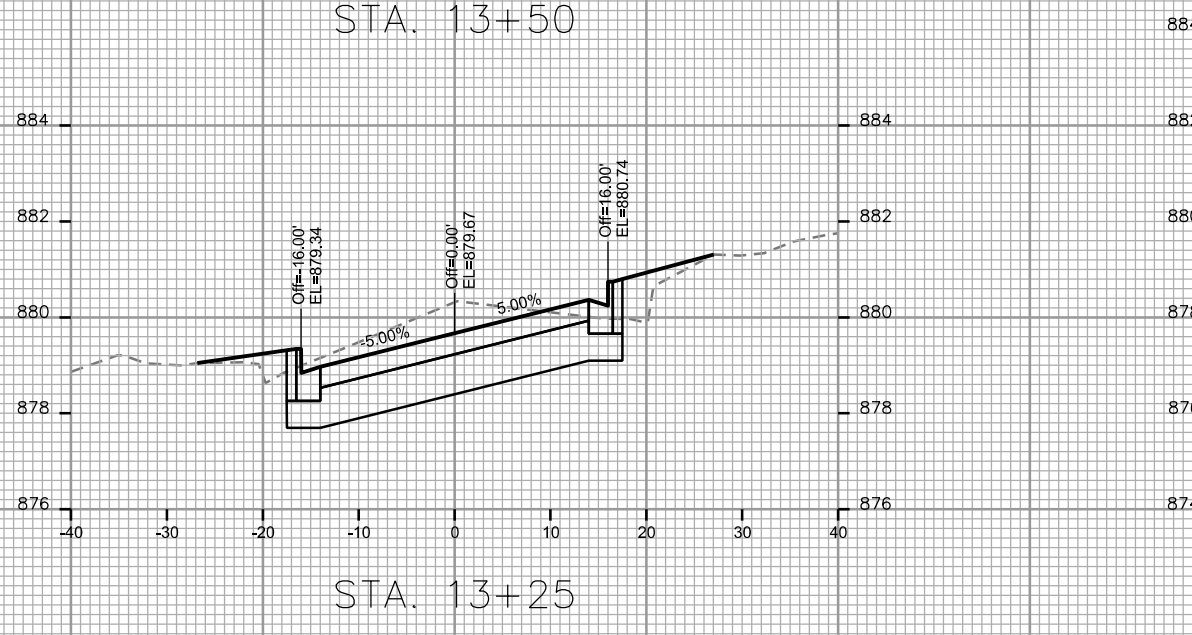
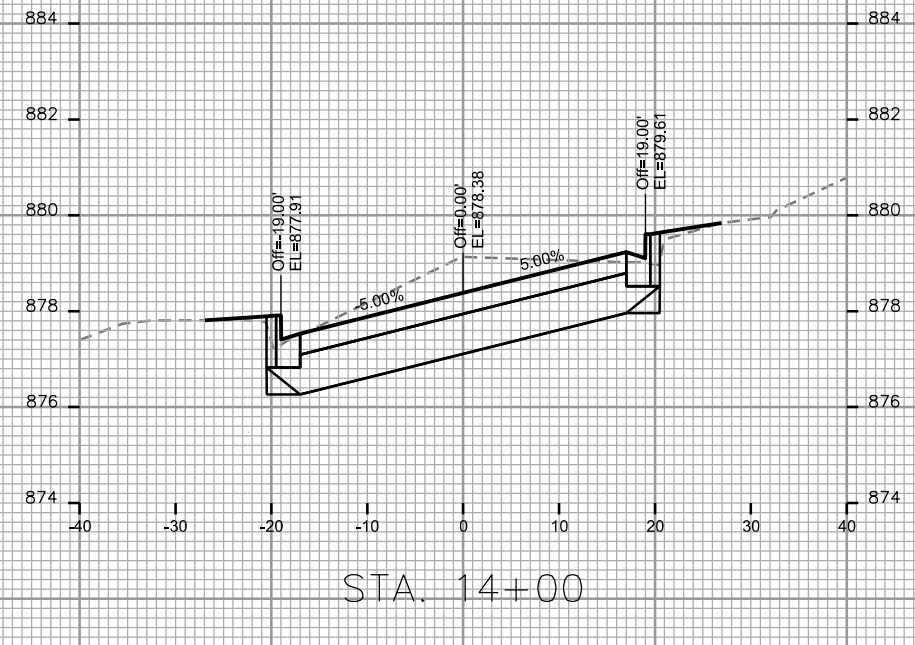
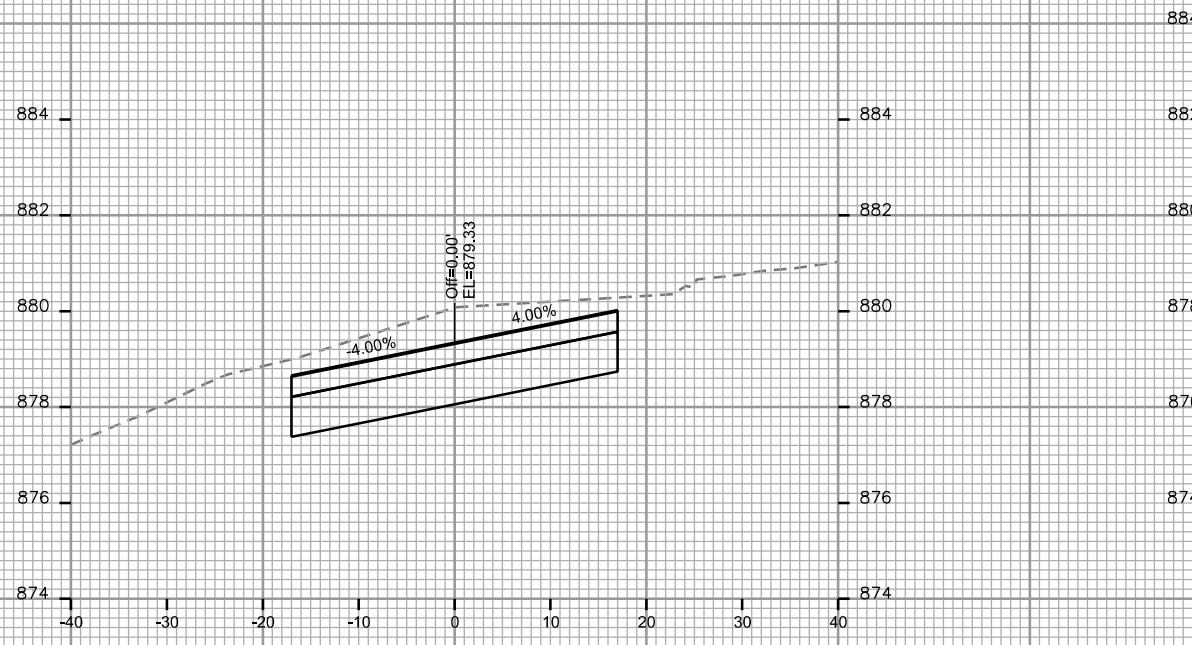
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JENIFER STREET CITY OF MADISON

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ORIGINATOR: CITY OF MADISON, STREETS DIVISION



CROSS SECTIONS

JENIFER STREET

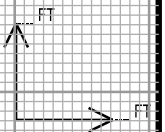
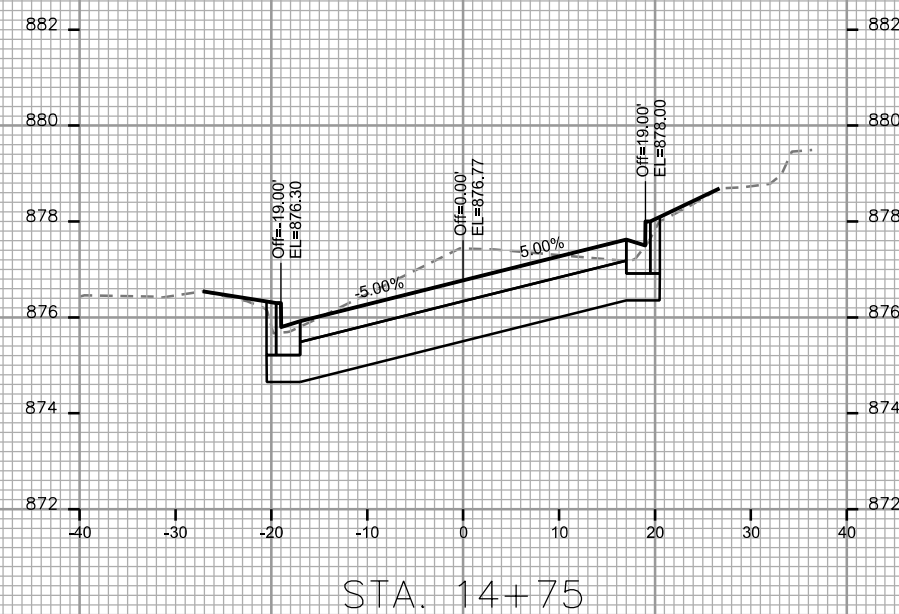
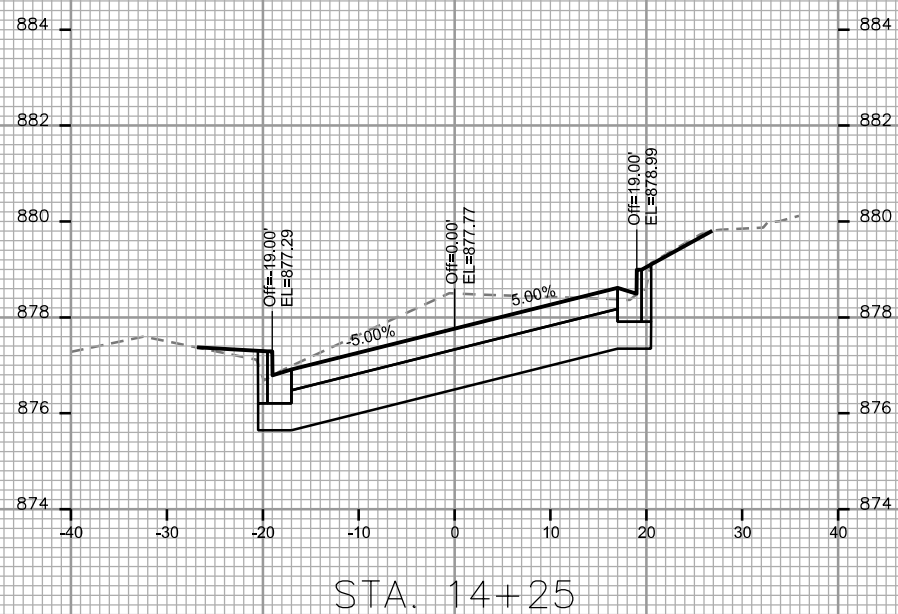
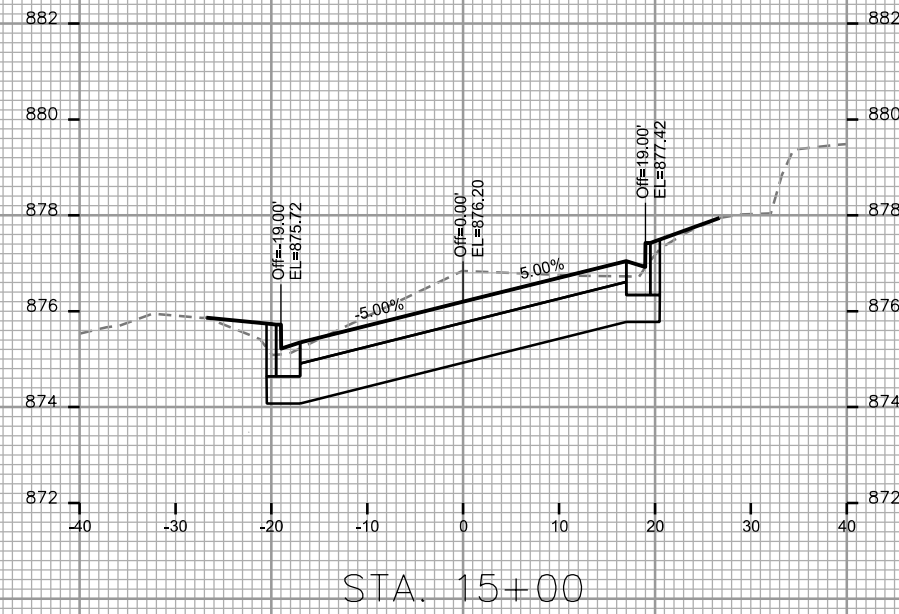
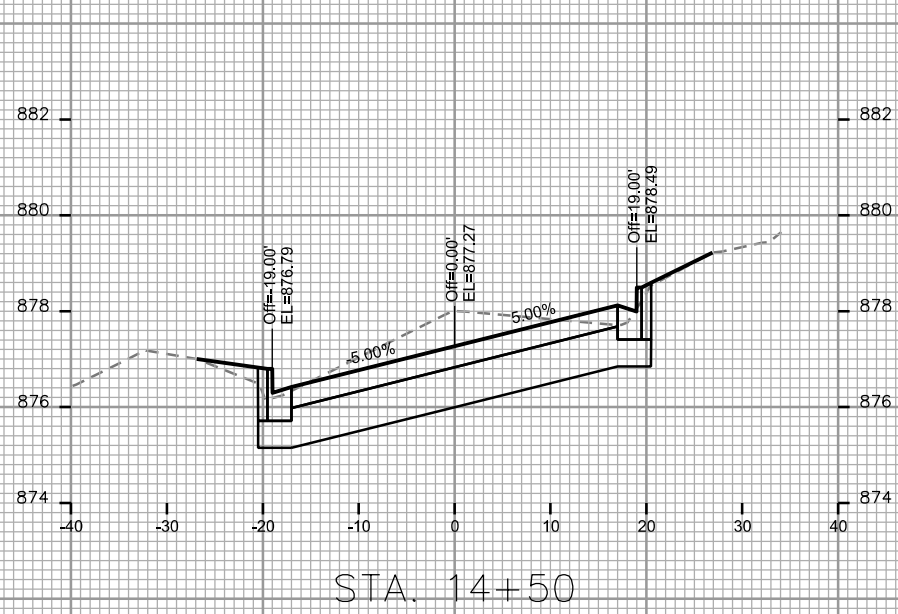
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REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



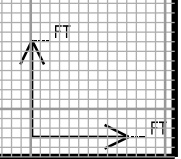
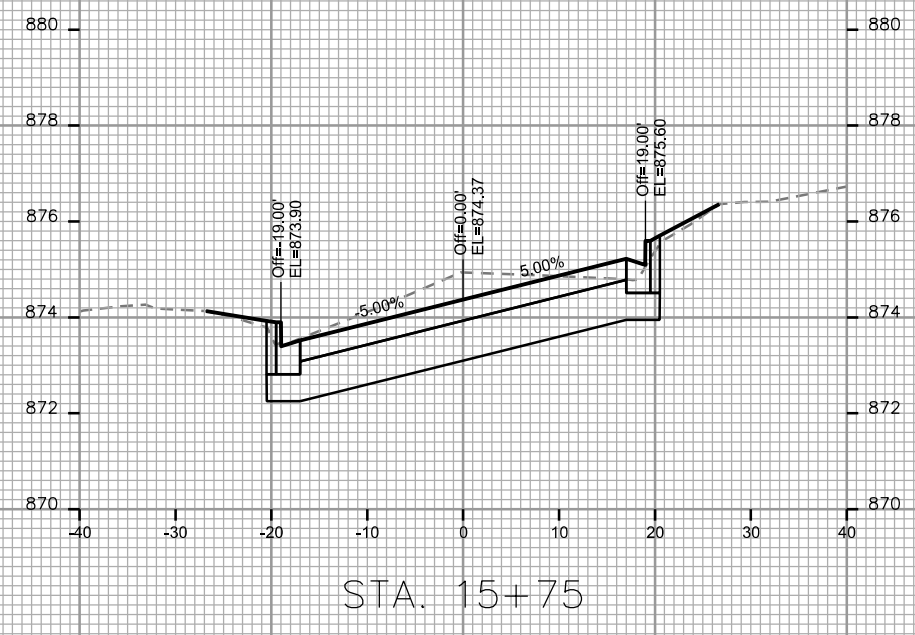
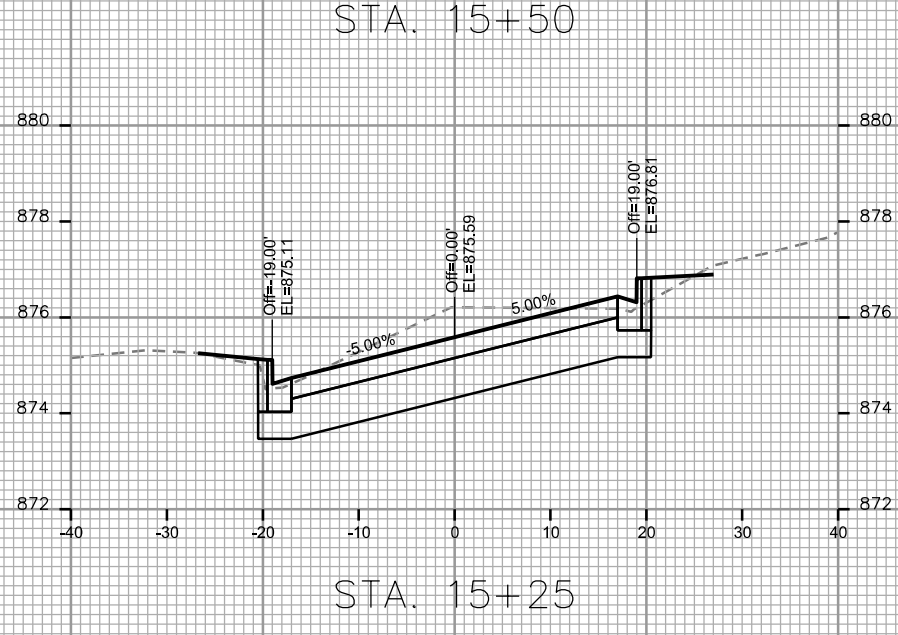
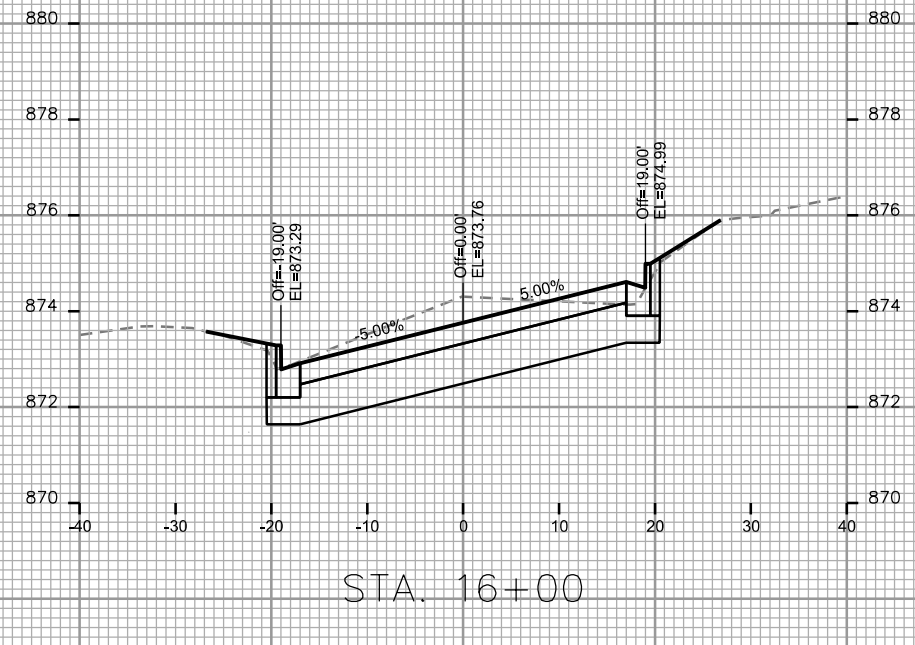
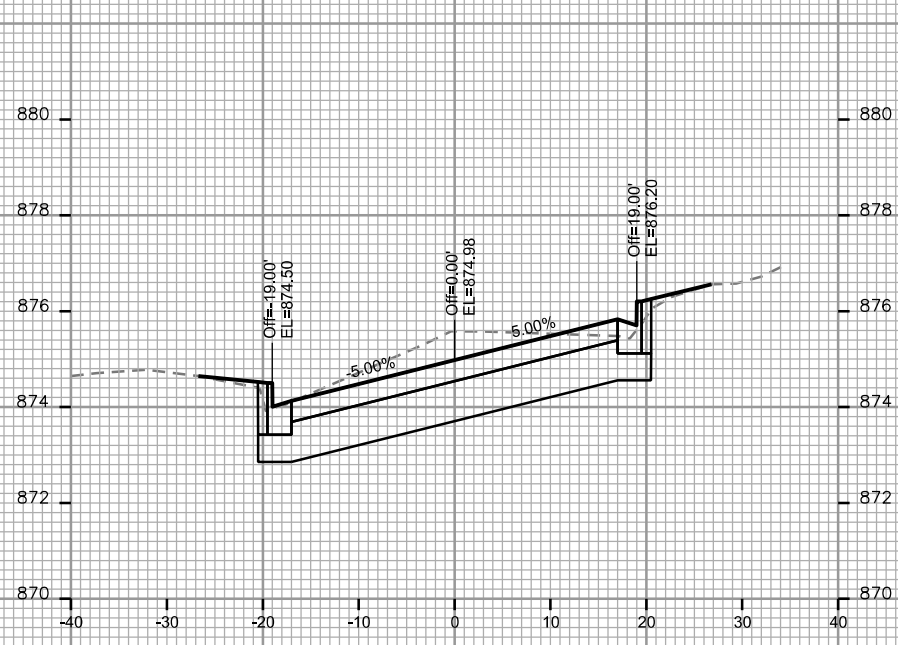
CROSS SECTIONS
JENIFER STREET CITY OF MADISON

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



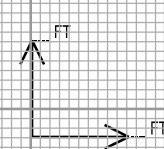
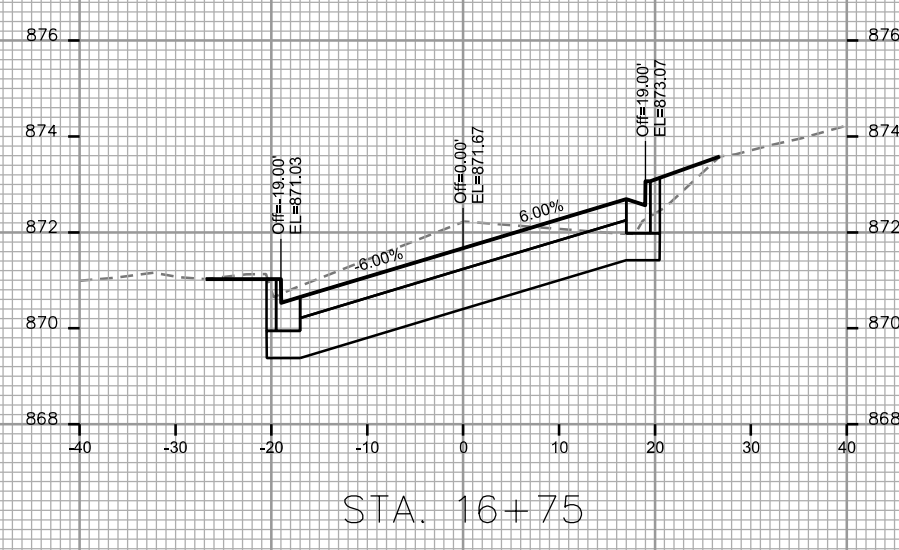
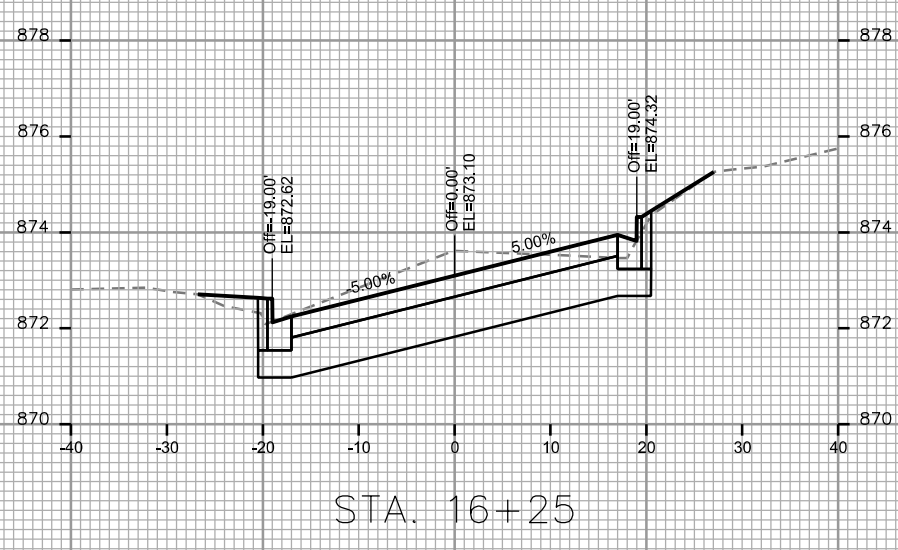
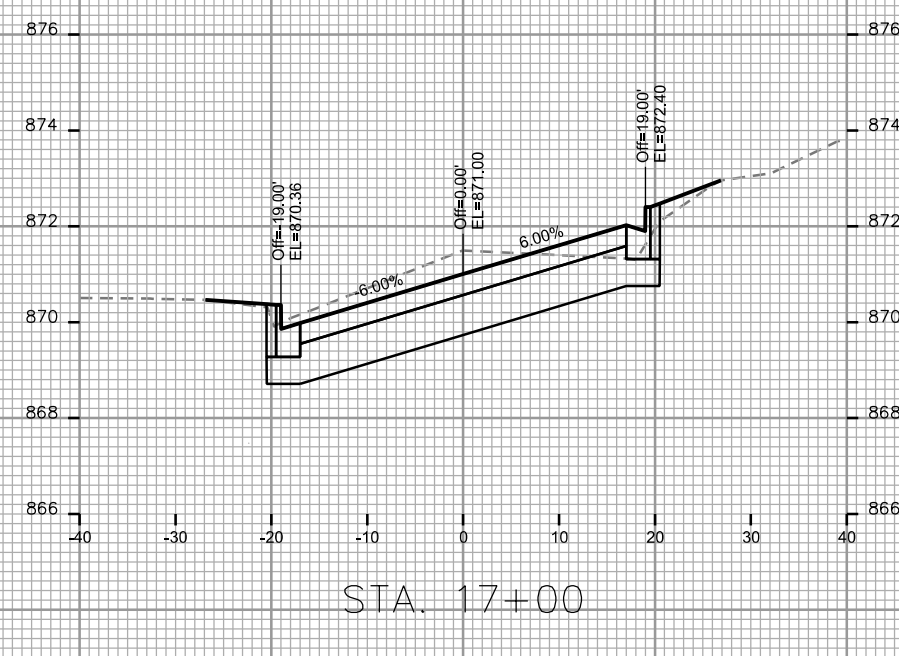
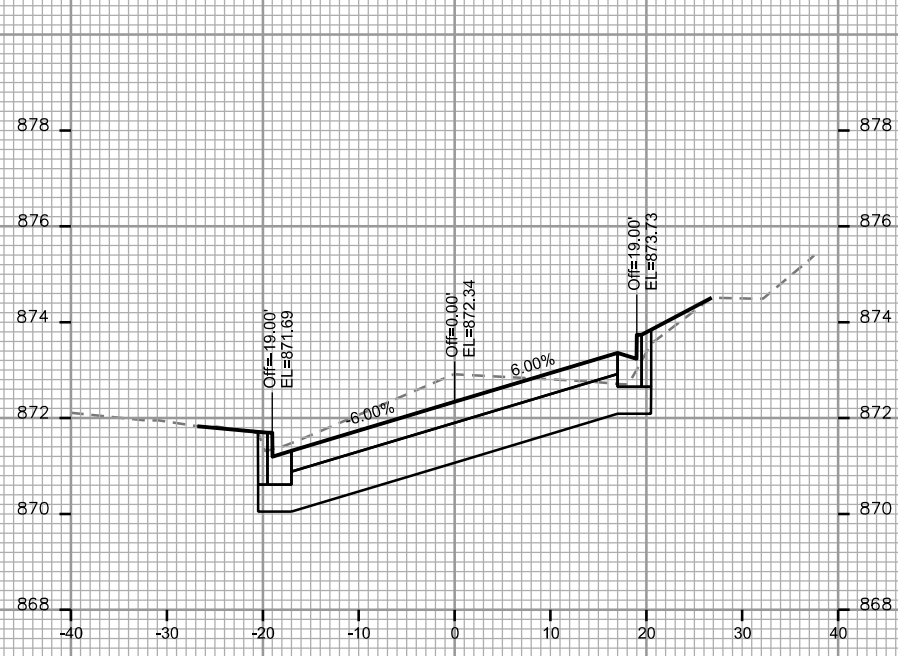
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REV. DATE: _____

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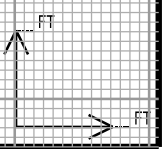
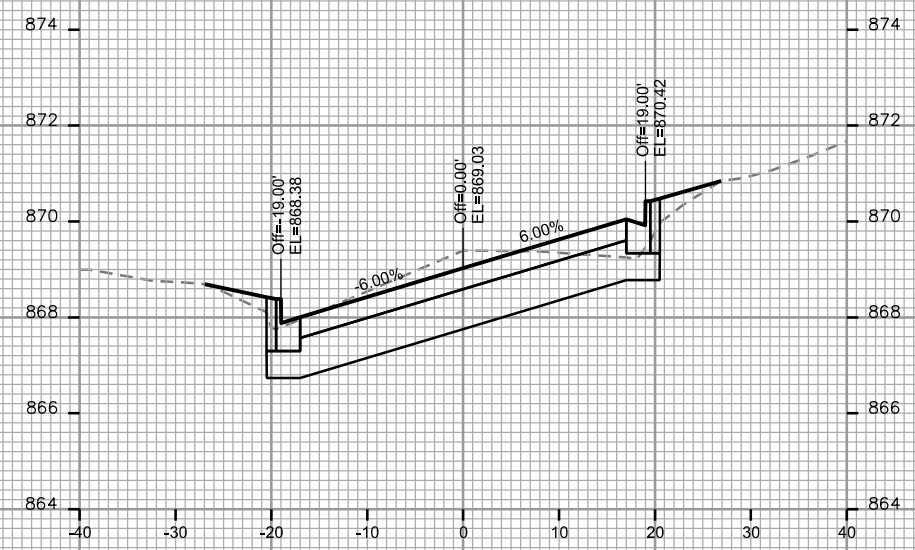
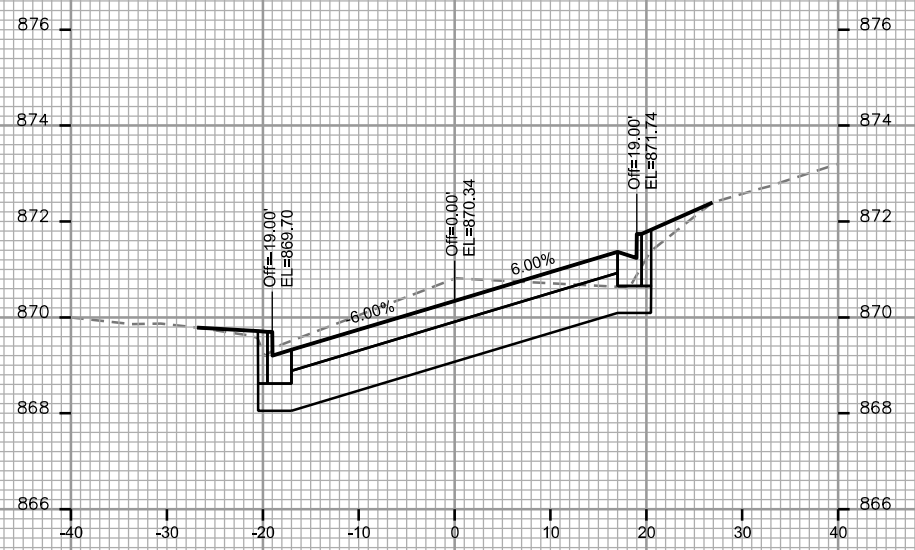
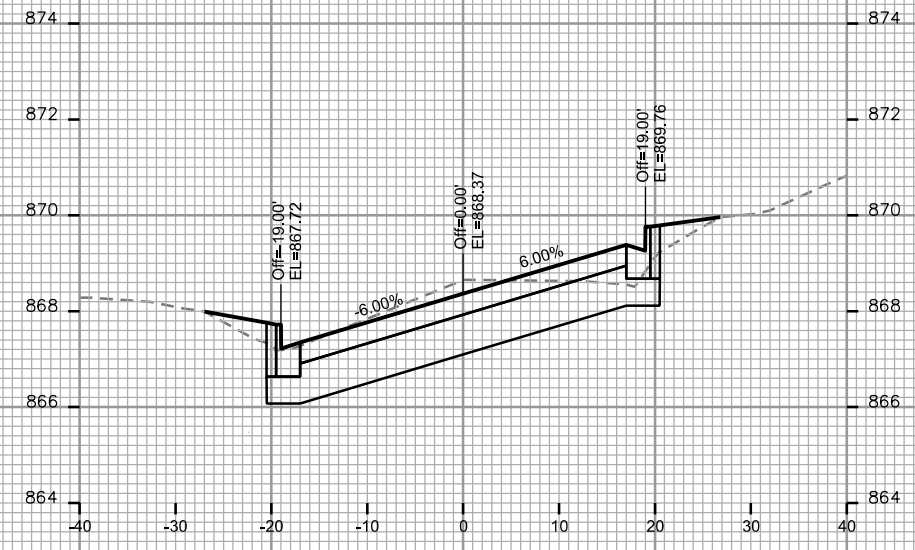
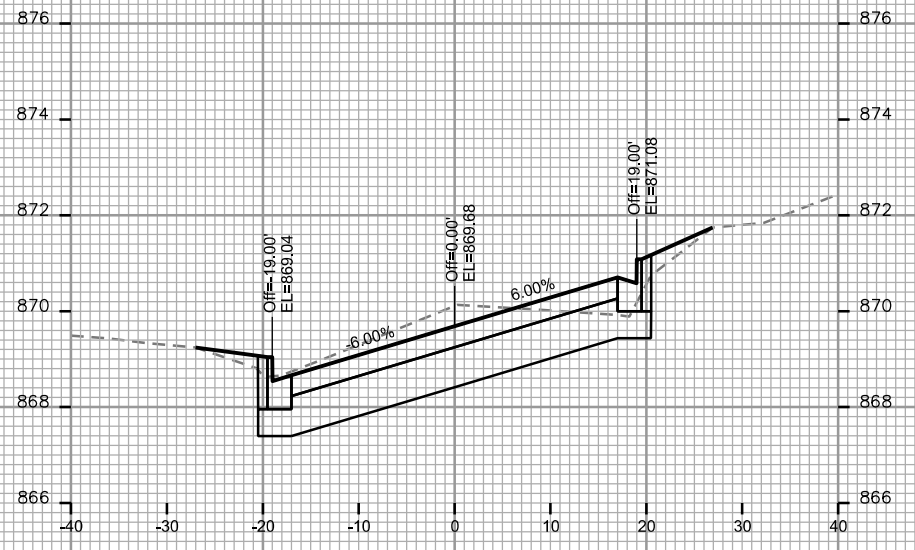
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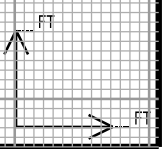
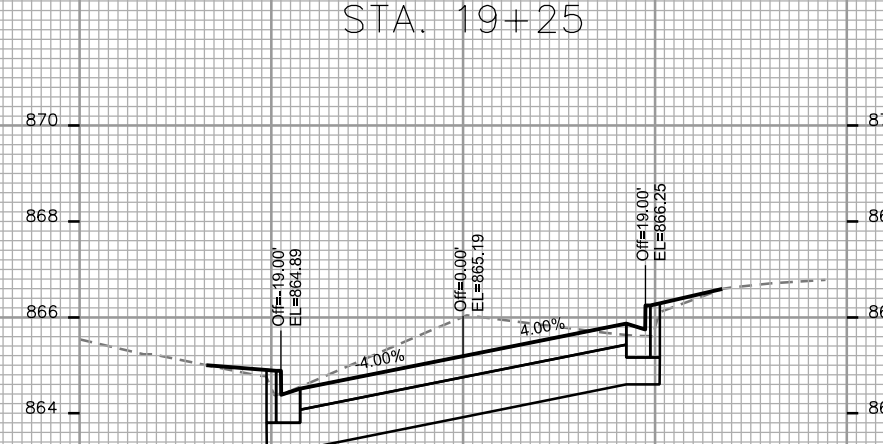
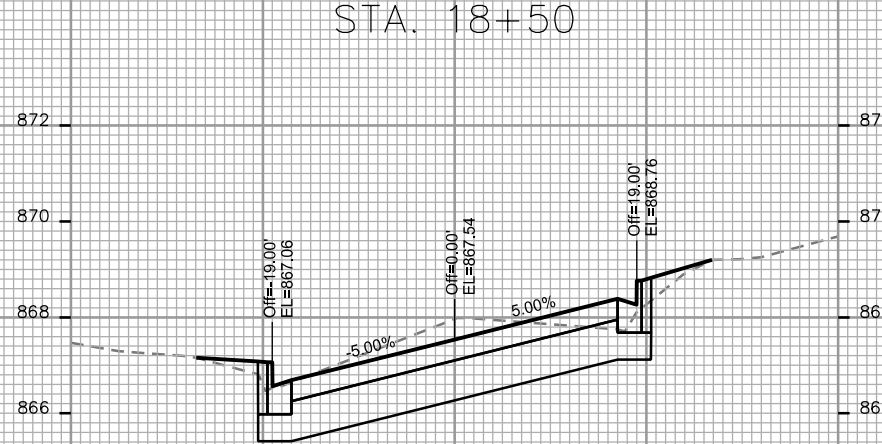
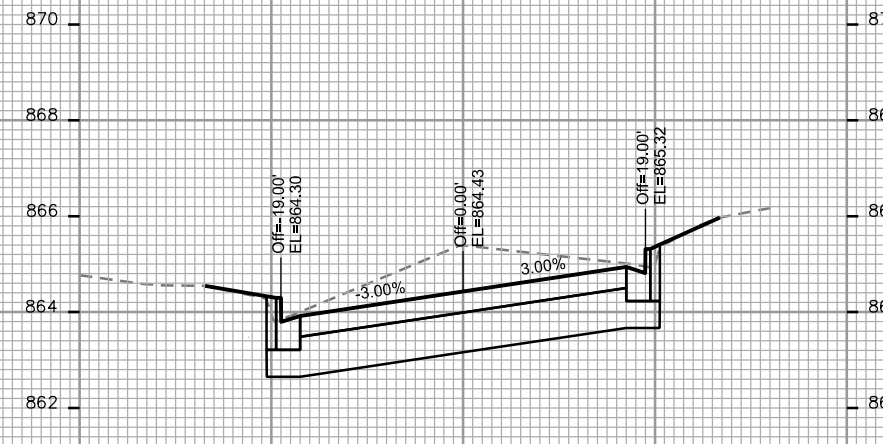
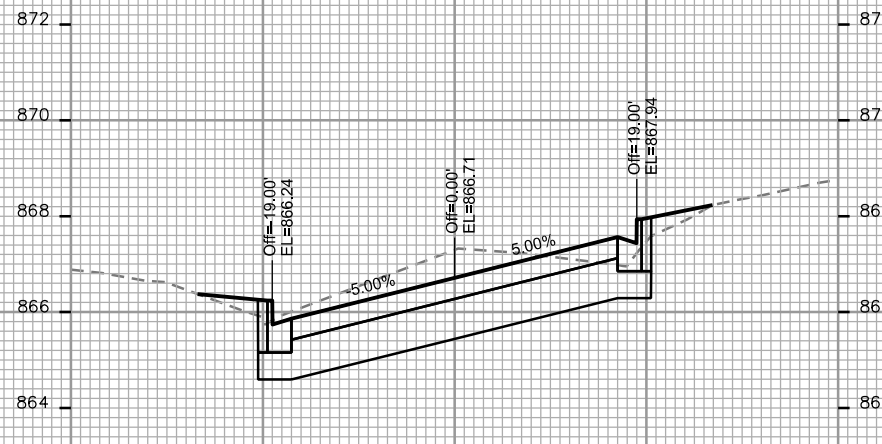
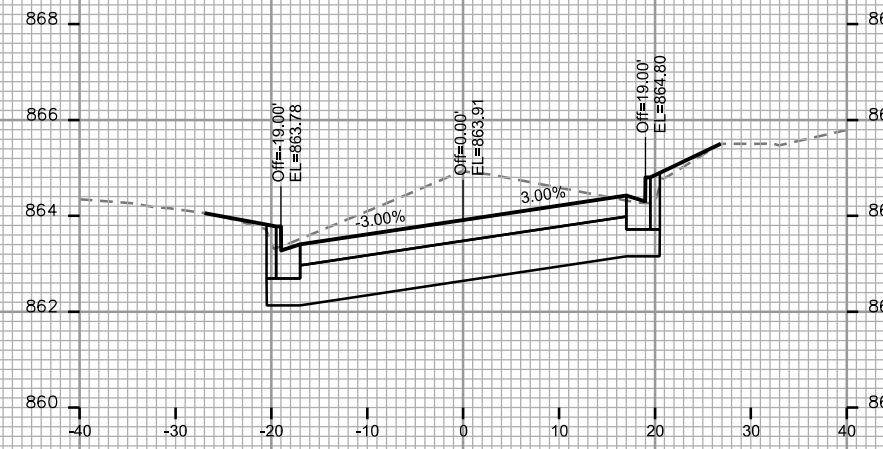
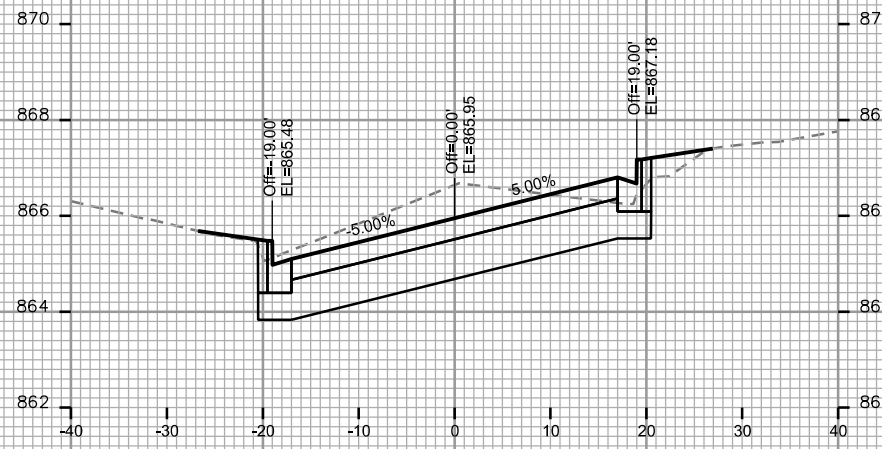
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



CROSS SECTIONS

JENIFER STREET

CITY OF MADISON



PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON - STREETS DIVISION

CROSS SECTIONS

JENIFER STREET

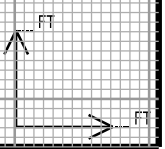
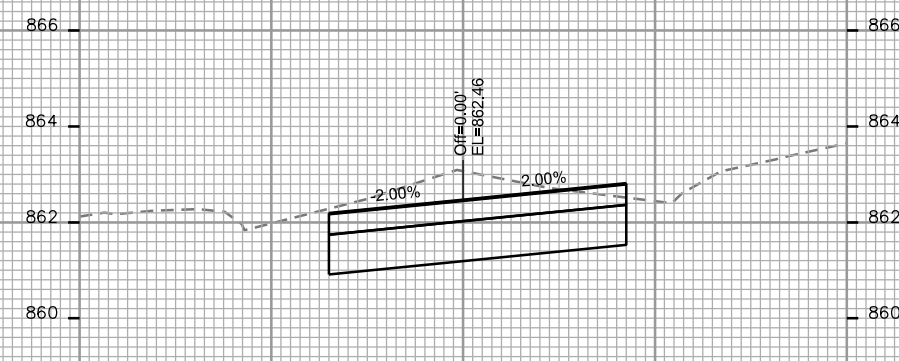
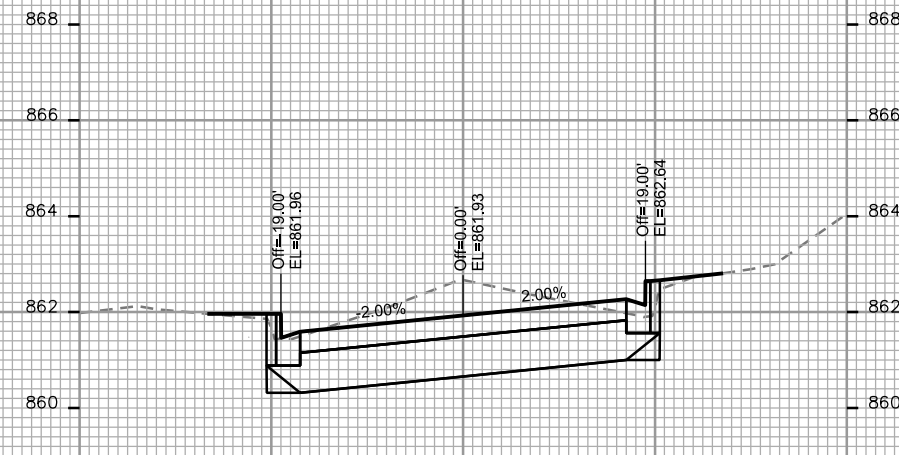
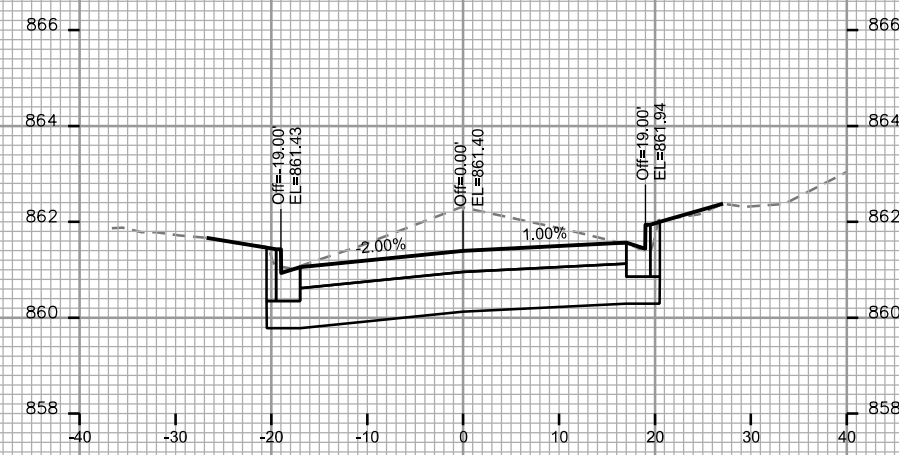
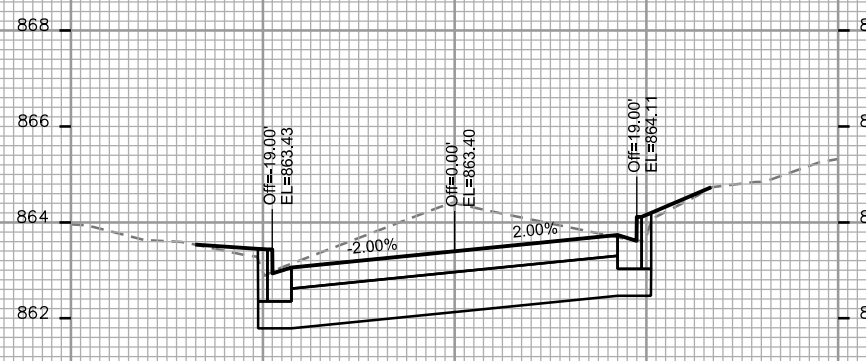
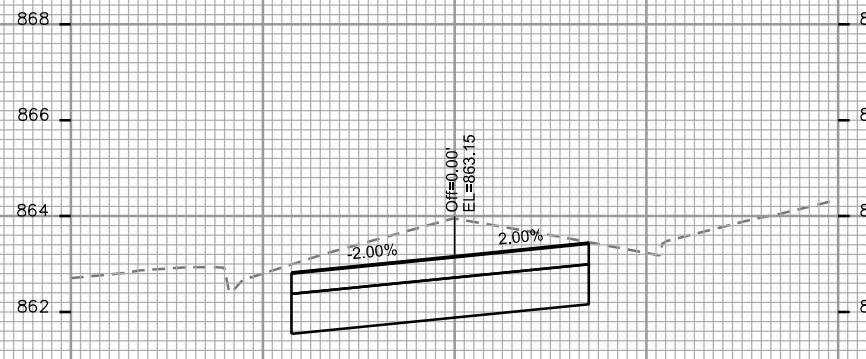
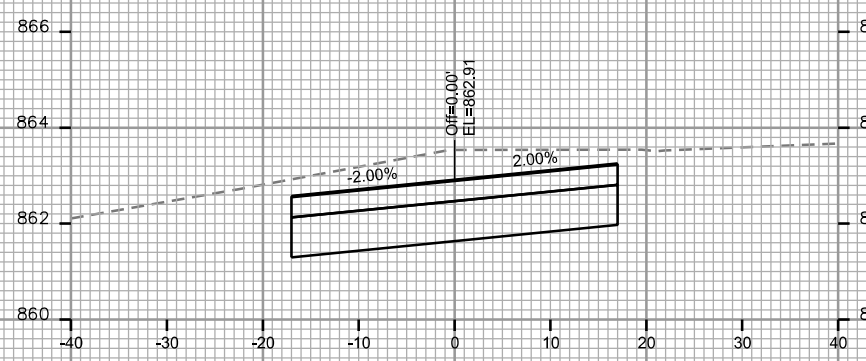
CITY OF MADISON

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



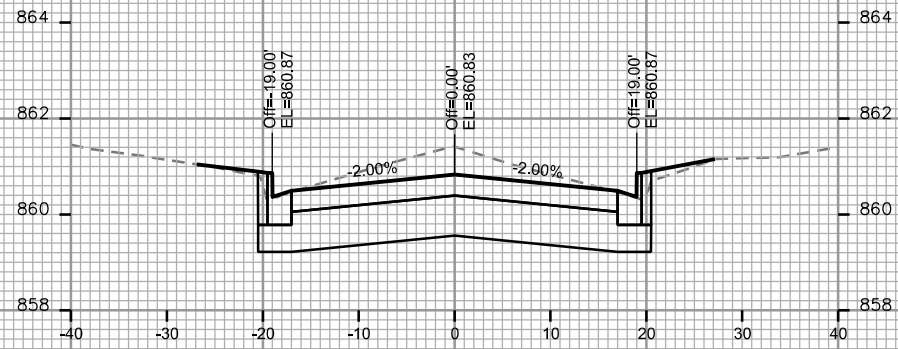
CROSS SECTIONS
JENIFER STREET CITY OF MADISON

PLOT SCALE: _____

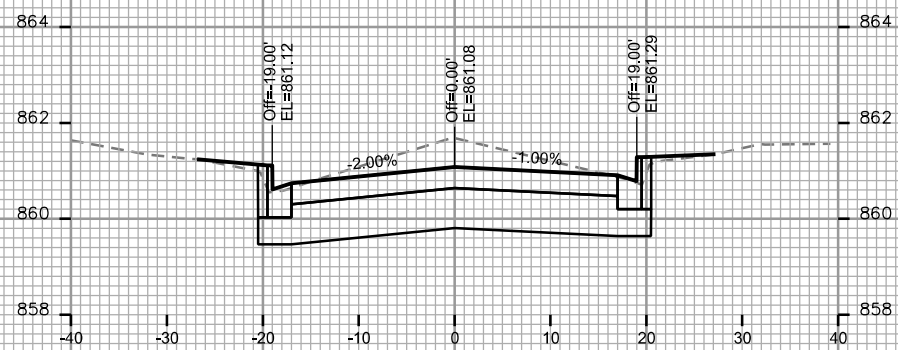
PLOT NAME: _____

REV. DATE: _____

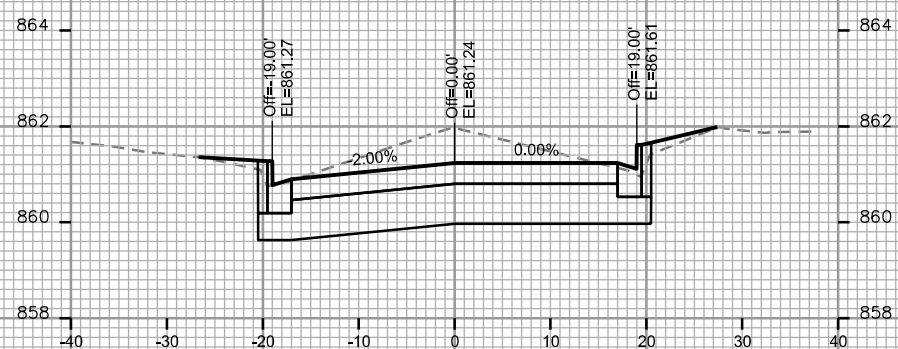
ORIGINATOR: CITY OF MADISON STREETS DIVISION



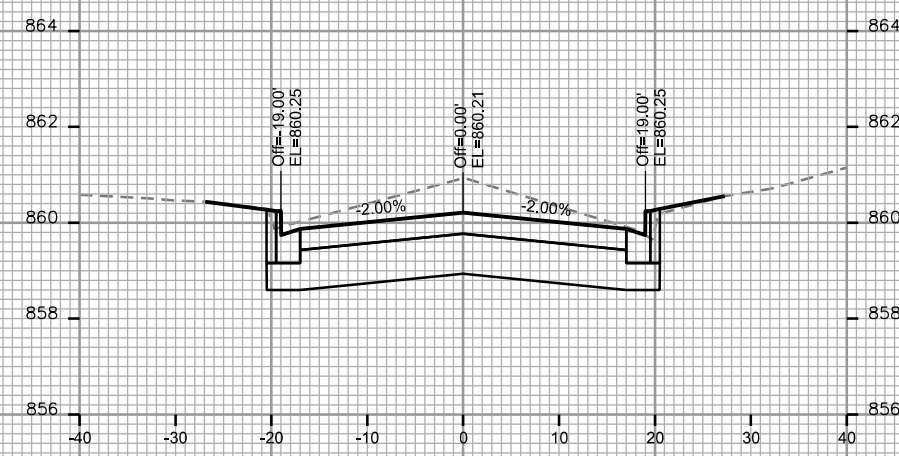
STA. 21+75



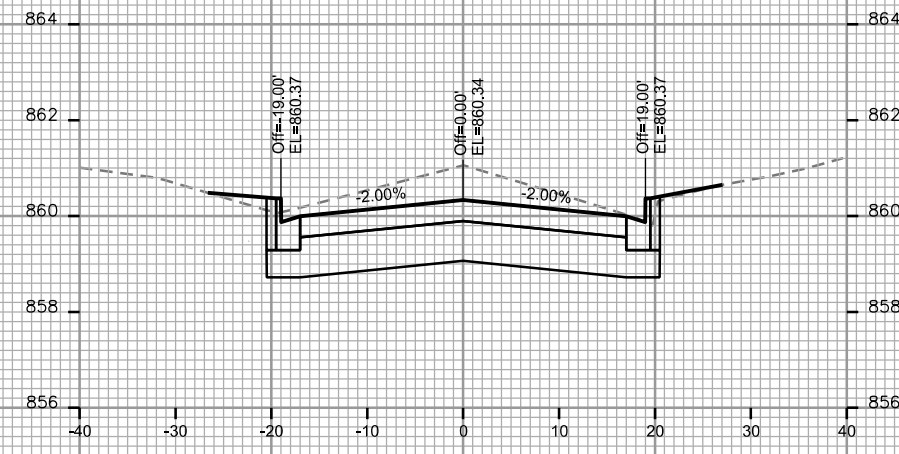
STA. 21+50



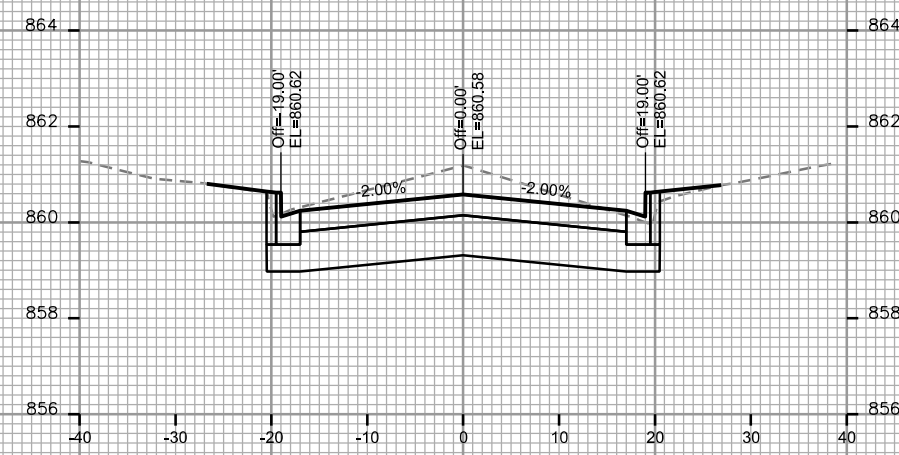
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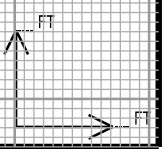
STA. 22+50



STA. 22+25



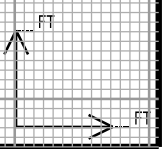
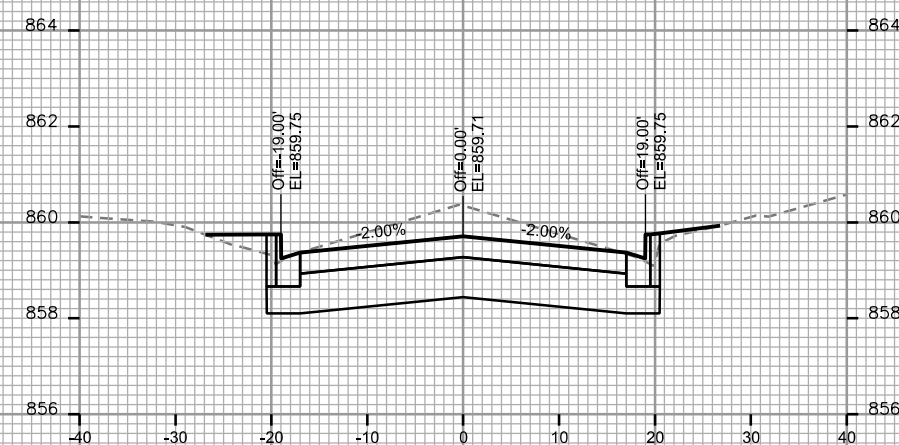
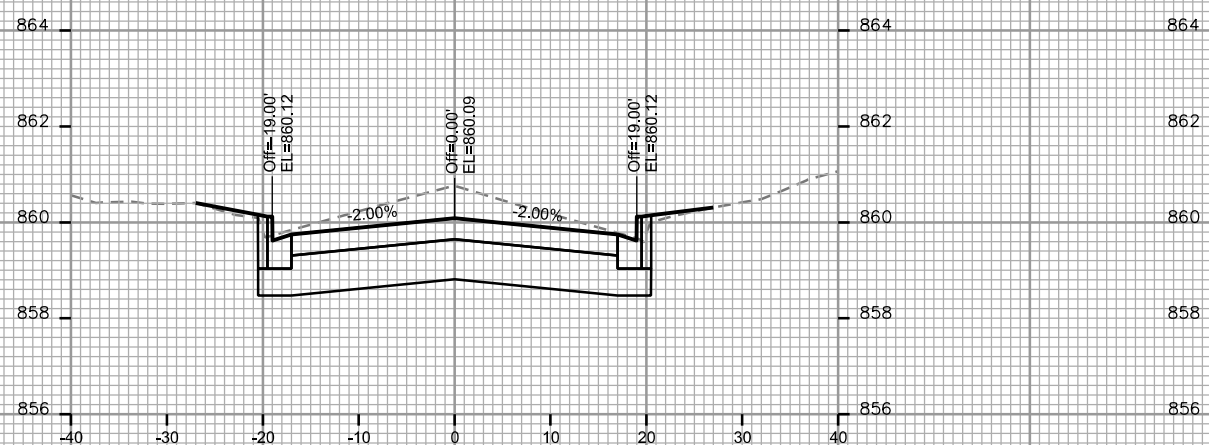
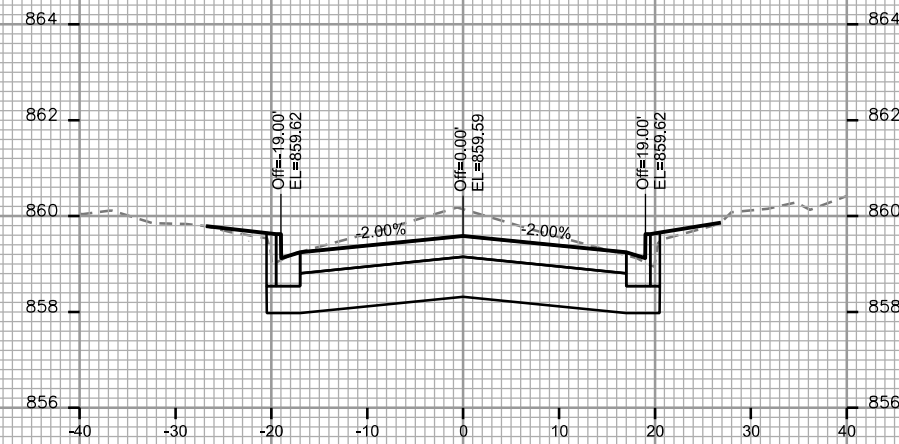
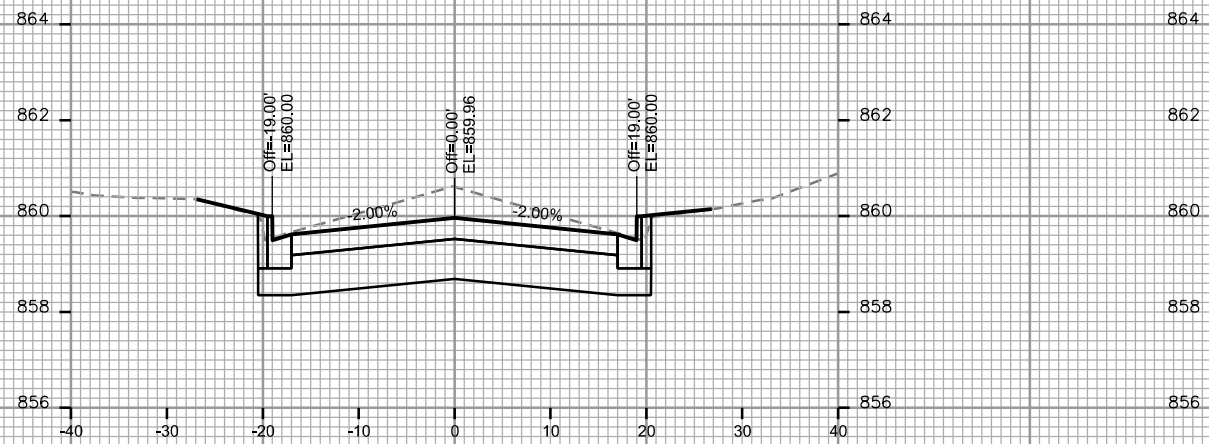
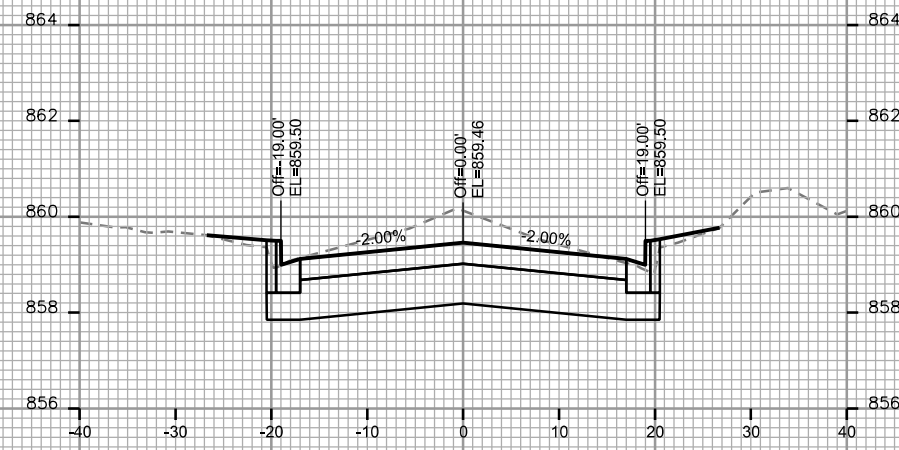
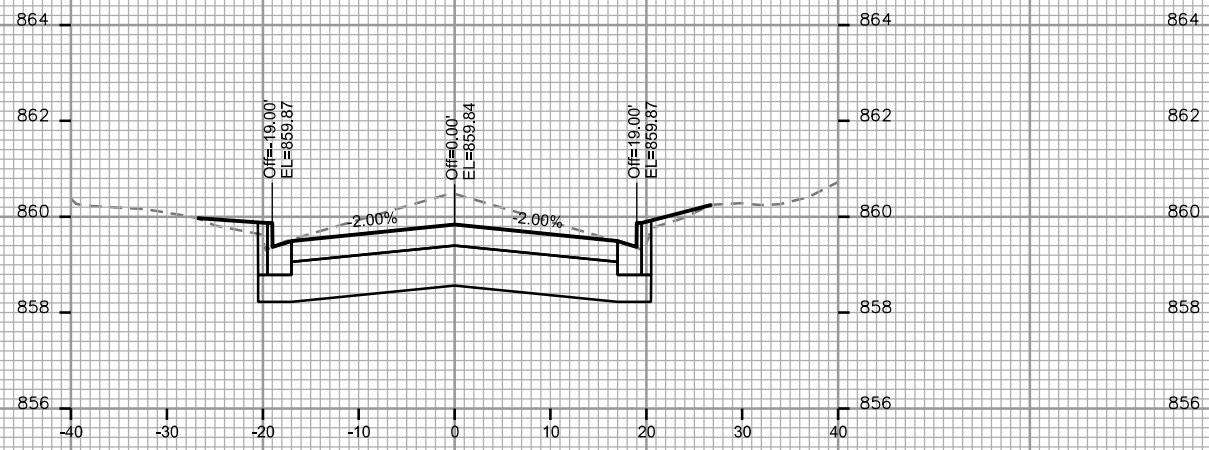
STA. 22+00



CROSS SECTIONS

JENIFER STREET

CITY OF MADISON



PLOT SCALE: _____

PLOT NAME: _____

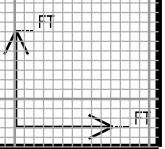
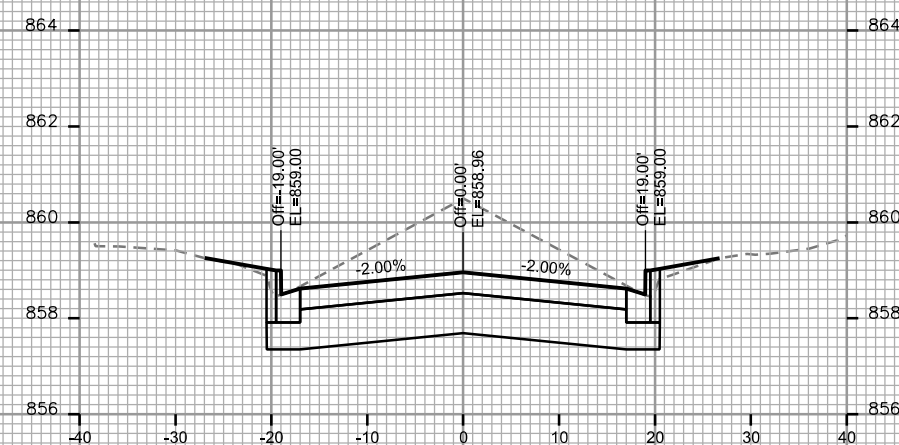
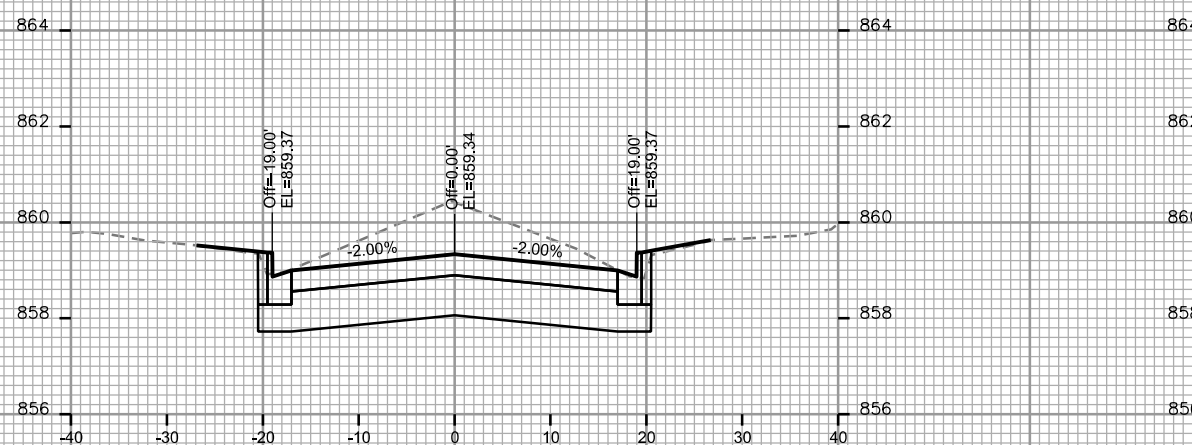
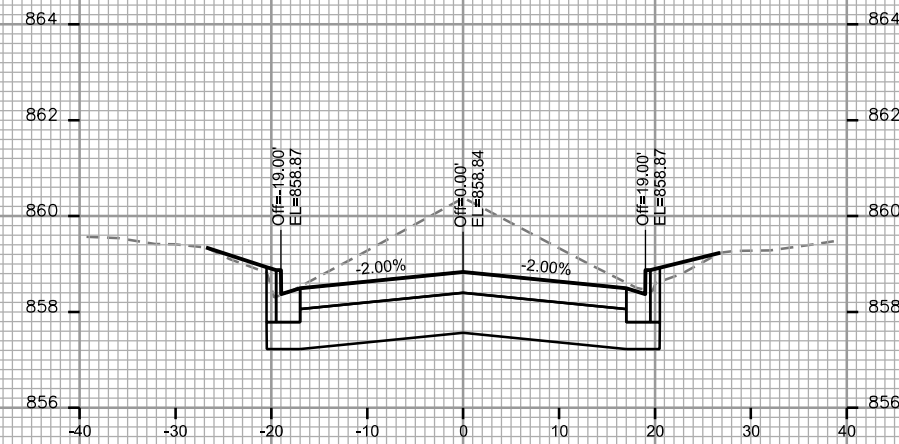
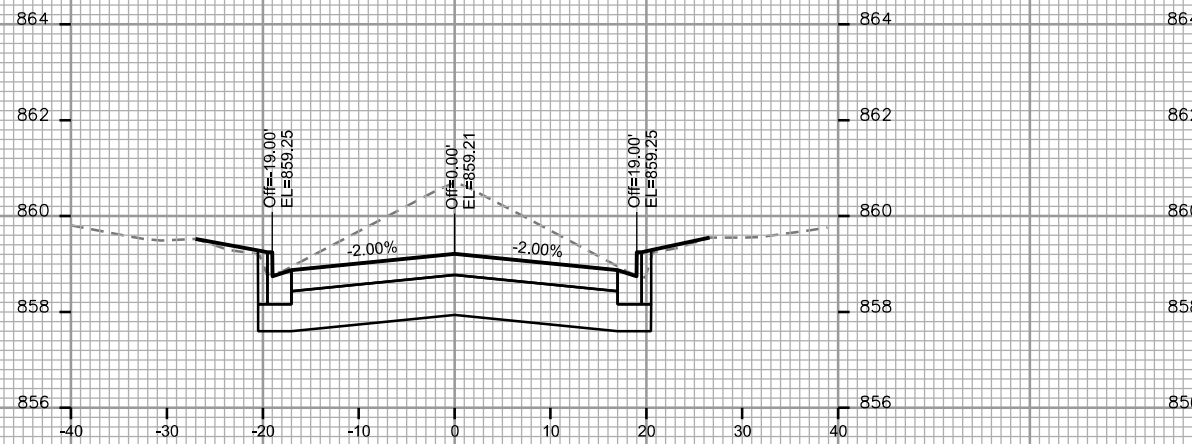
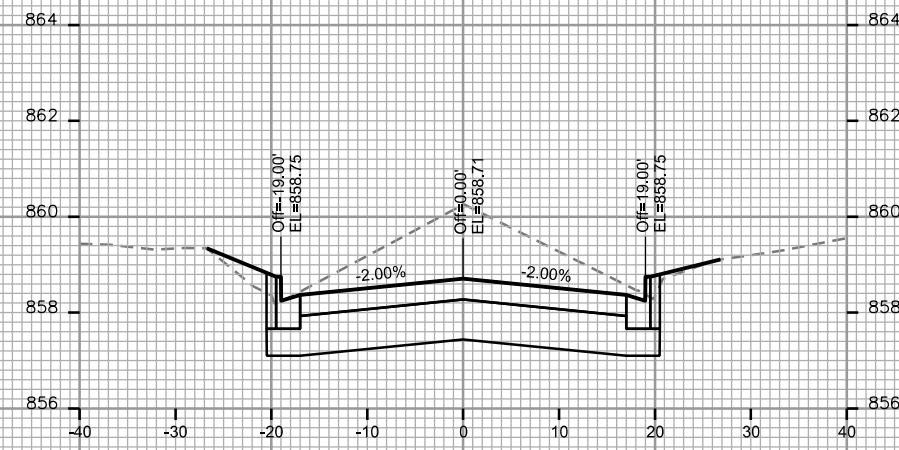
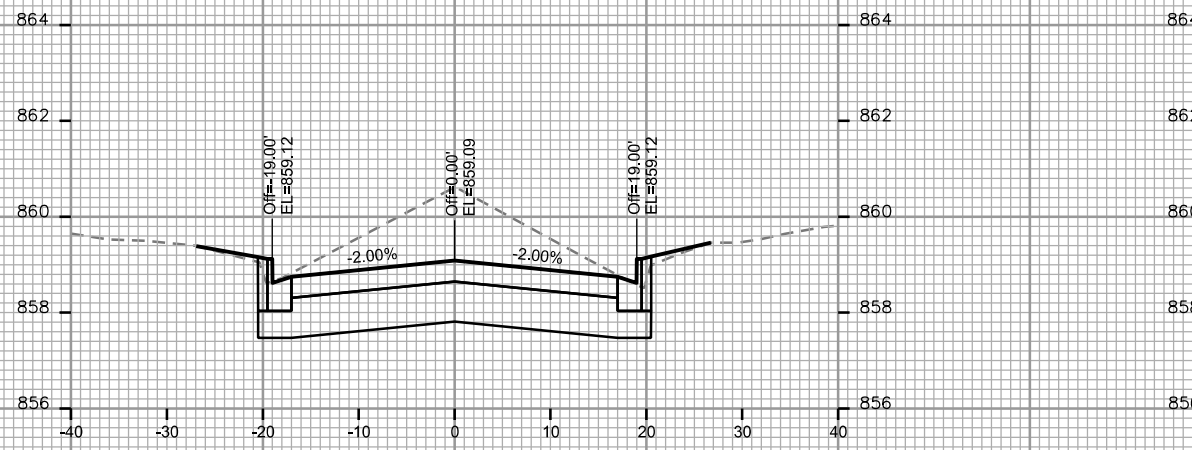
REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

CROSS SECTIONS

JENIFER STREET

CITY OF MADISON



PLOT SCALE: _____

PLOT NAME: _____

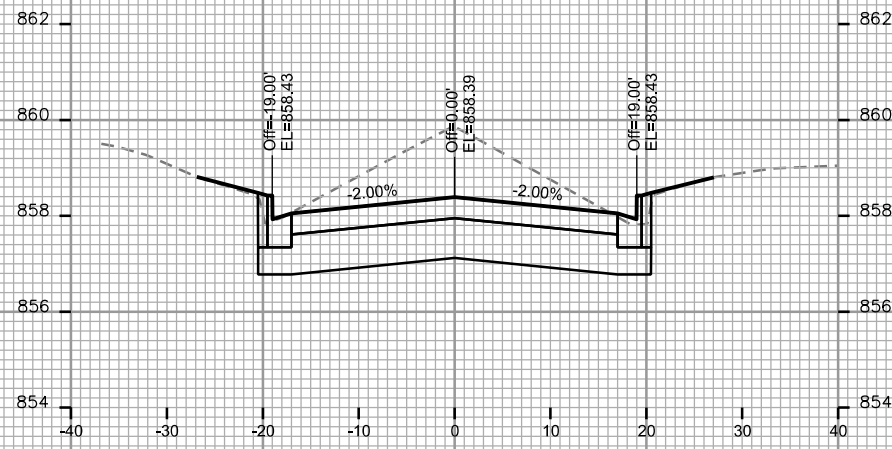
REV. DATE: _____

ORIGINATOR: CITY OF MADISON - STREETS DIVISION

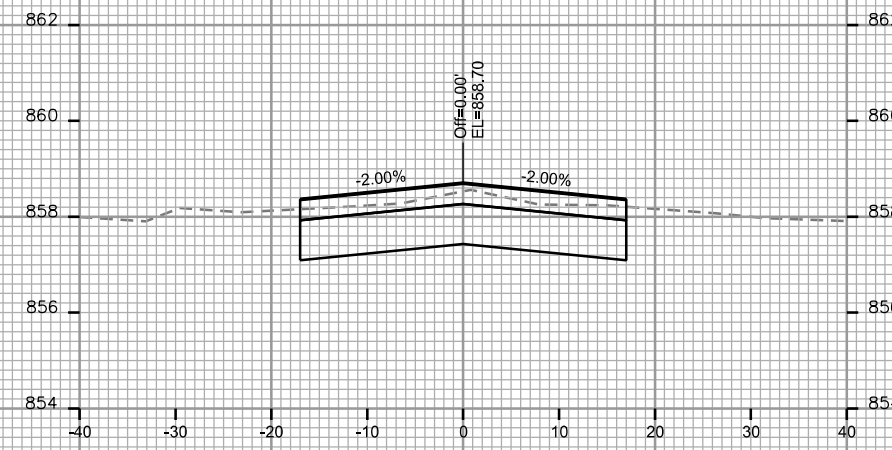
CROSS SECTIONS

JENIFER STREET

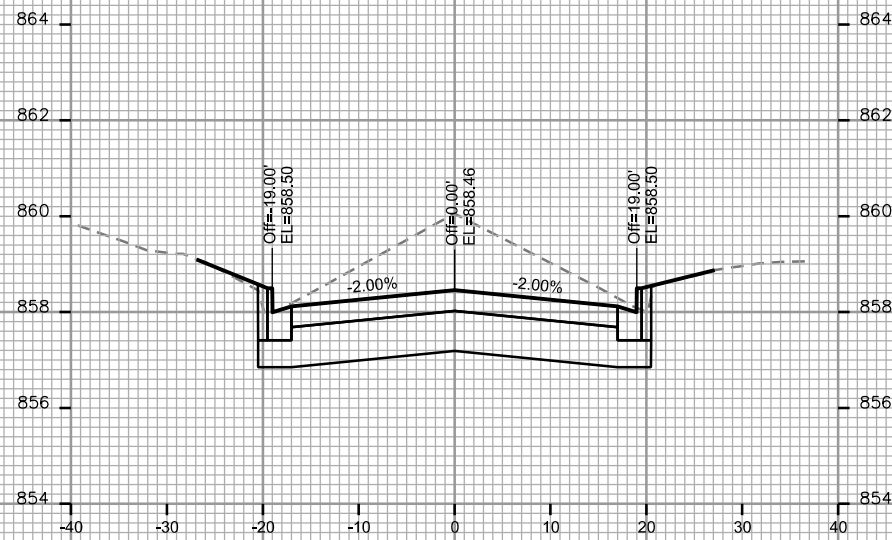
CITY OF MADISON



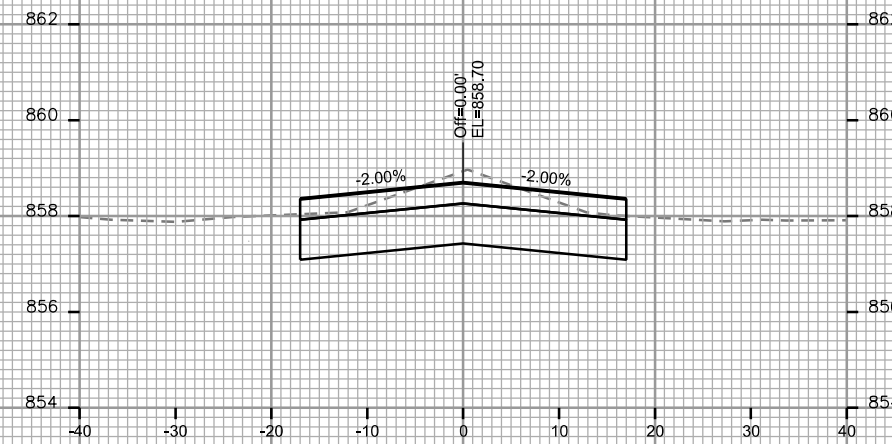
STA. 26+25



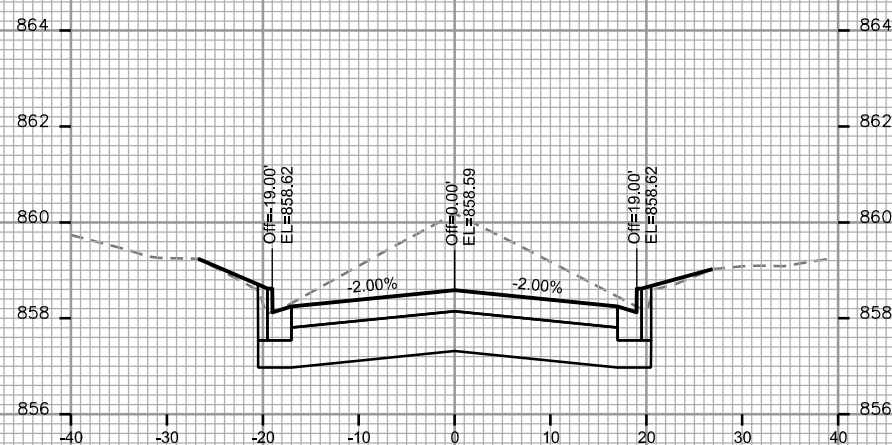
STA. 27+00



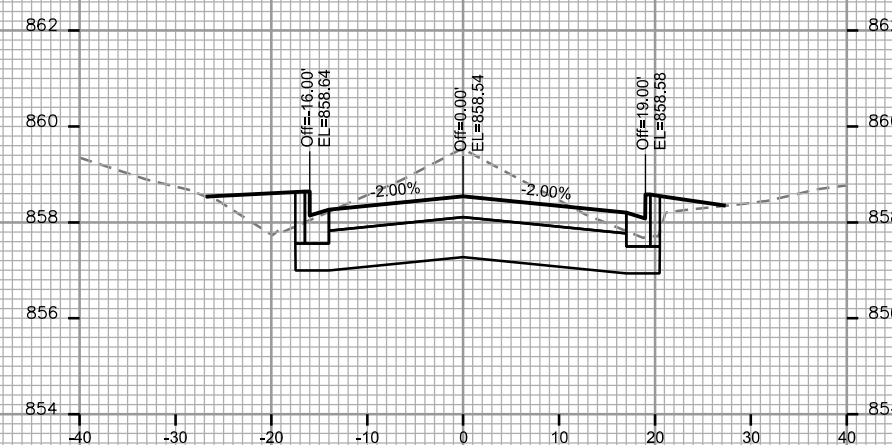
STA. 26+00



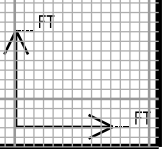
STA. 26+75



STA. 25+75



STA. 26+50



PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON - STREETS DIVISION

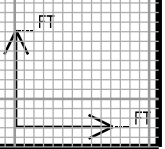
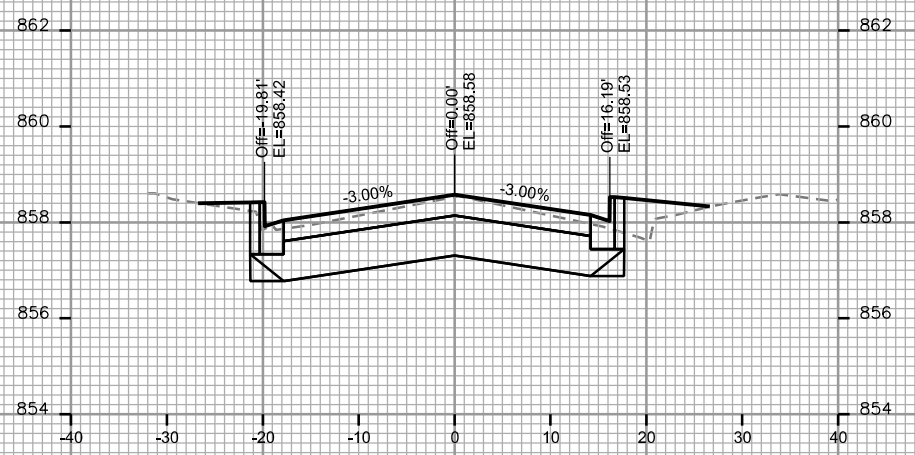
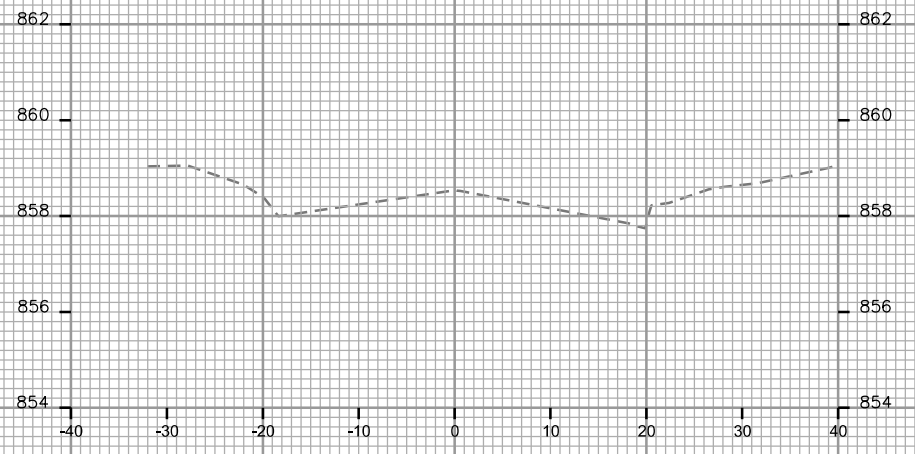
CROSS SECTIONS
JENIFER STREET CITY OF MADISON

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



CROSS SECTIONS

PATERSON STREET

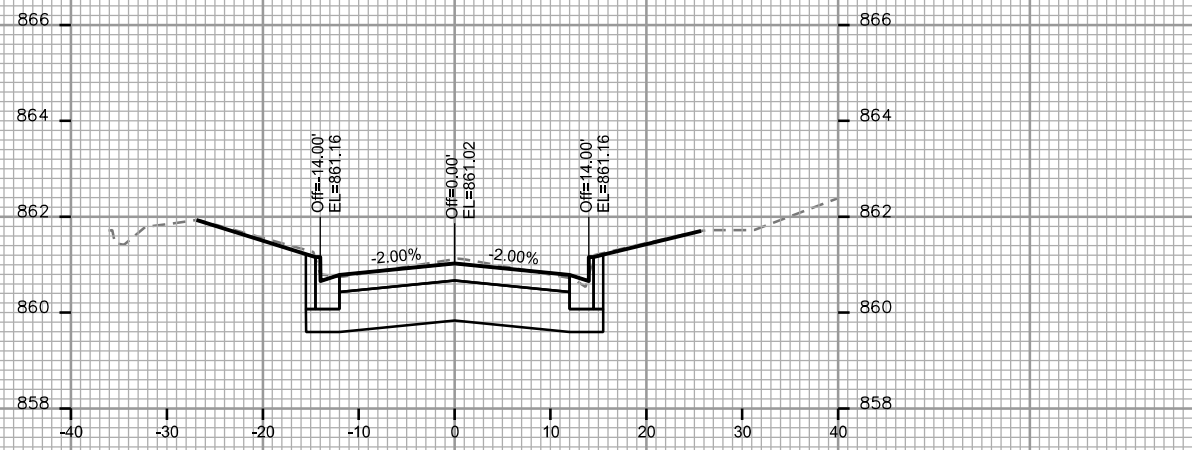
CITY OF MADISON

PLOT SCALE: _____

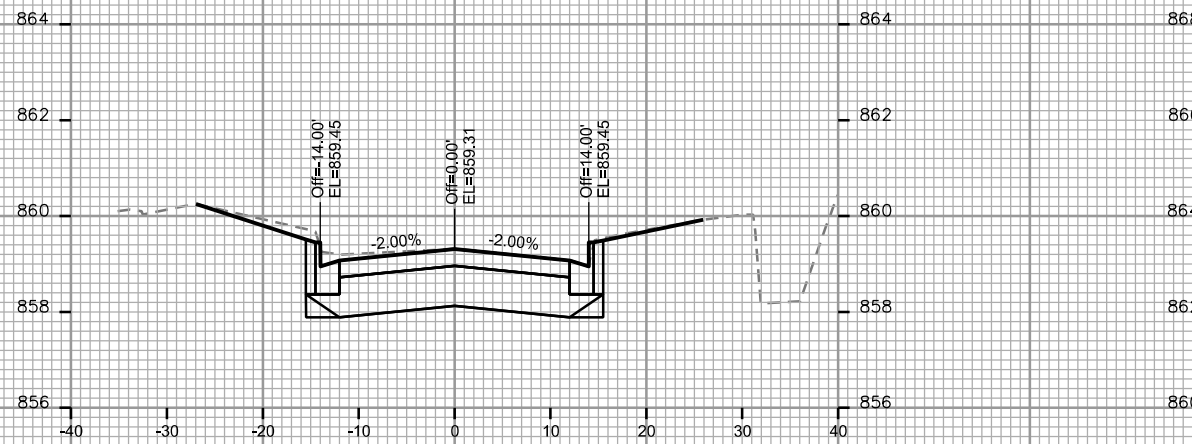
PLOT NAME: _____

REV. DATE: _____

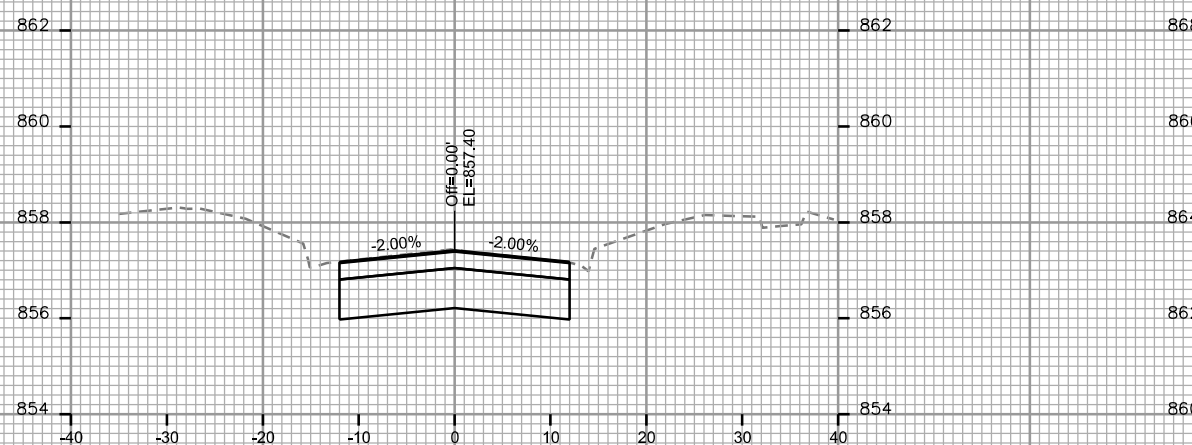
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



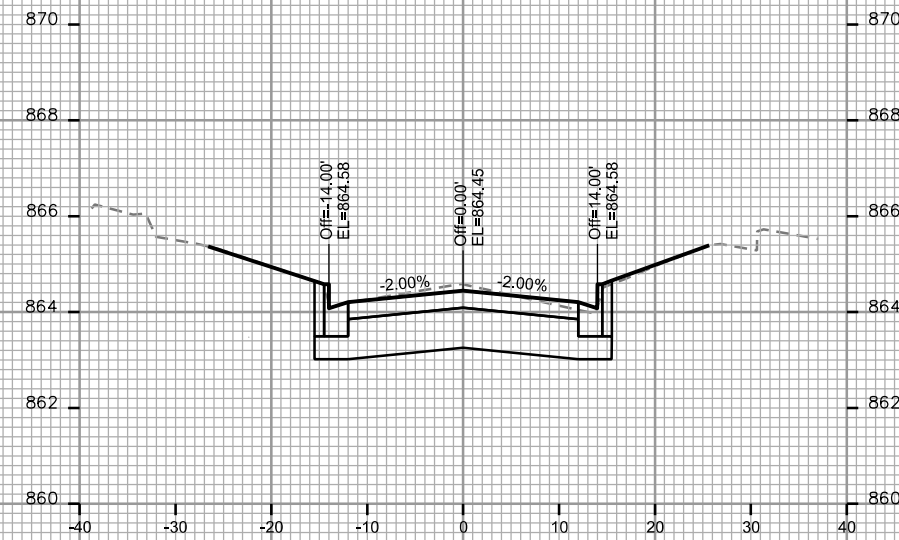
STA. 30+75



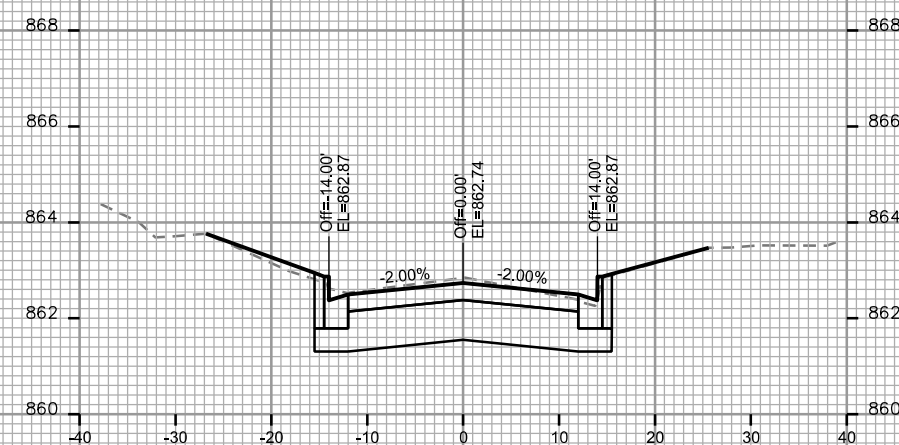
STA. 30+50



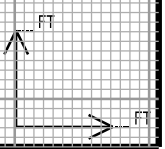
STA. 30+25



STA. 31+25



STA. 31+00



CROSS SECTIONS

PATERSON STREET

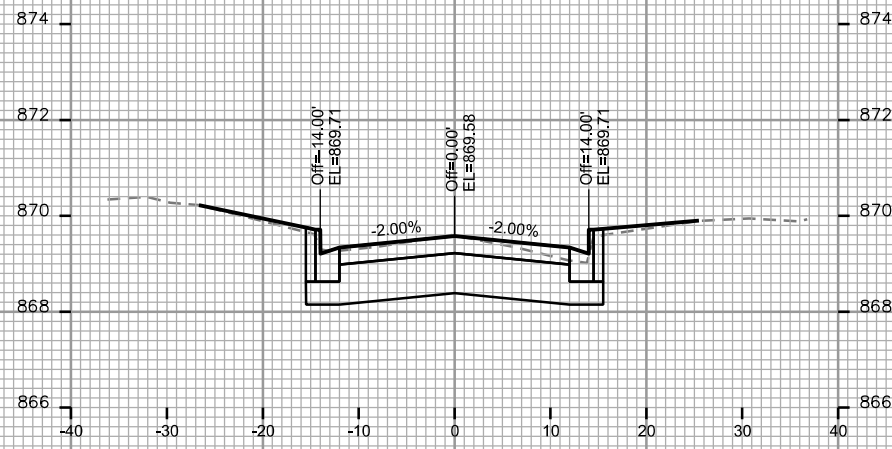
CITY OF MADISON

PLOT SCALE: _____

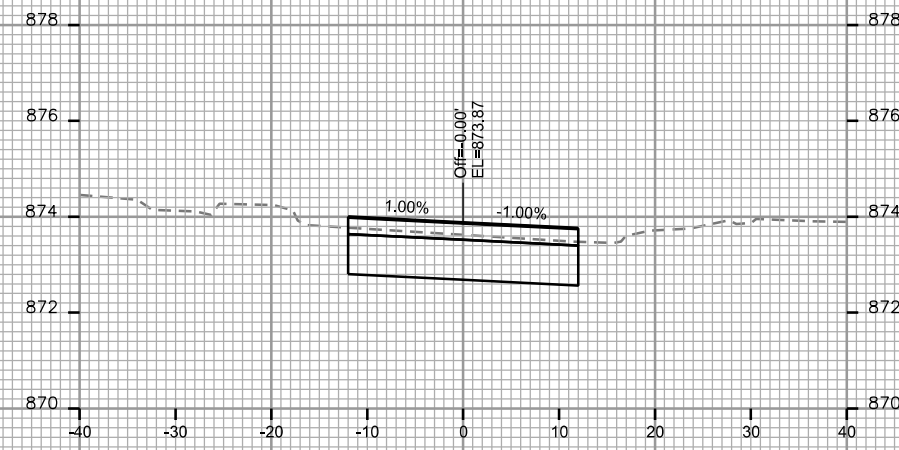
PLOT NAME: _____

REV. DATE: _____

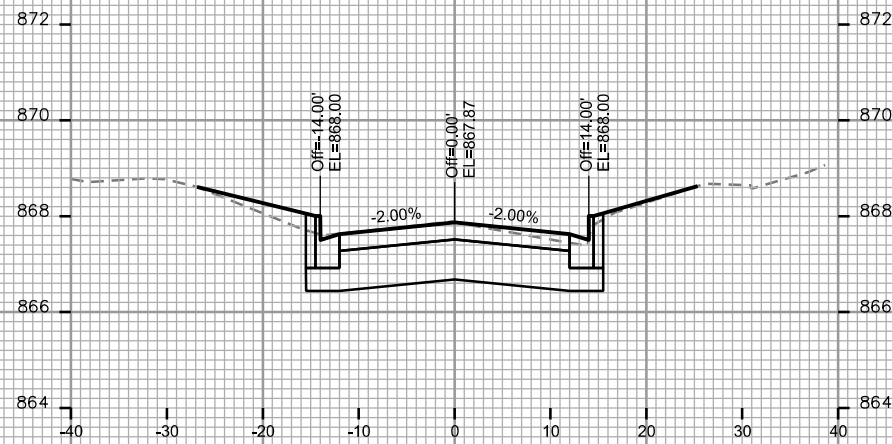
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



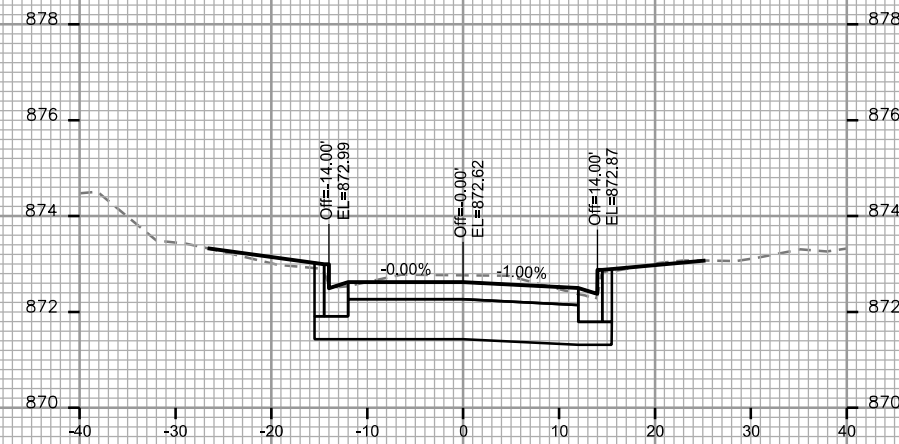
STA. 32+00



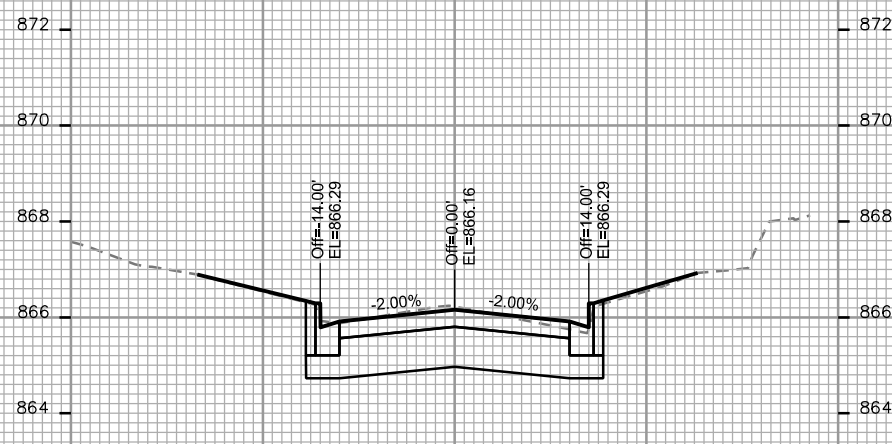
STA. 32+75



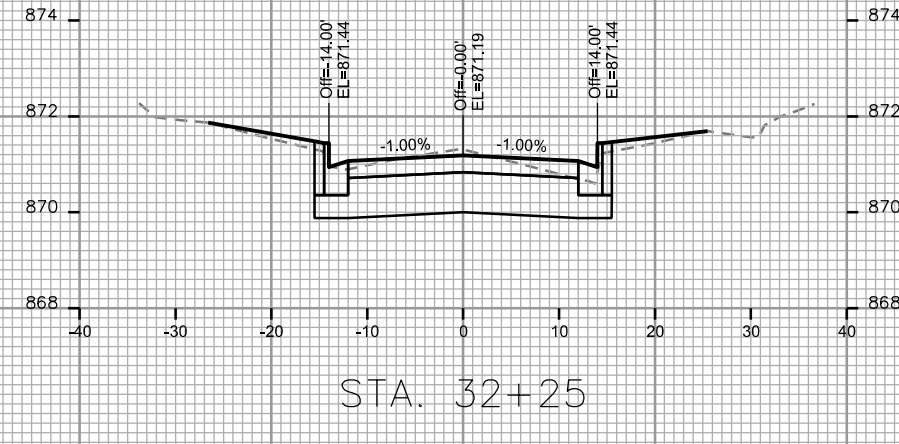
STA. 31+75



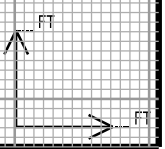
STA. 32+50



STA. 31+50



STA. 32+25



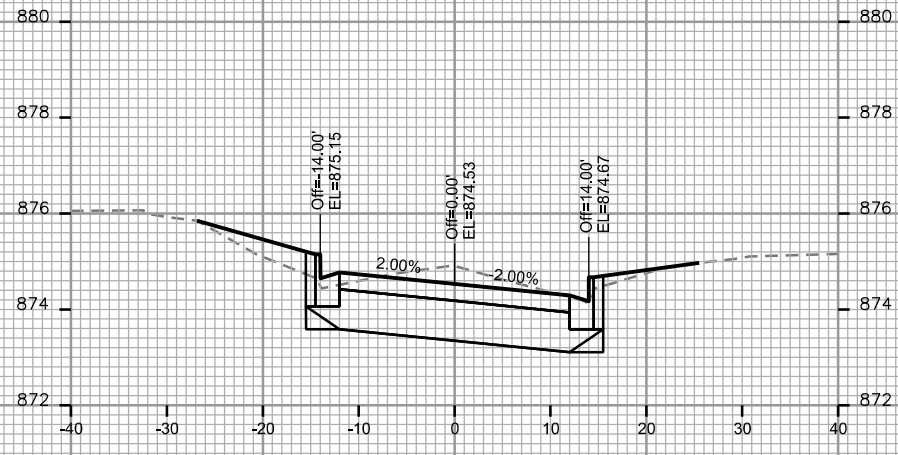
CROSS SECTIONS
PATERSON STREET CITY OF MADISON

PLOT SCALE: _____

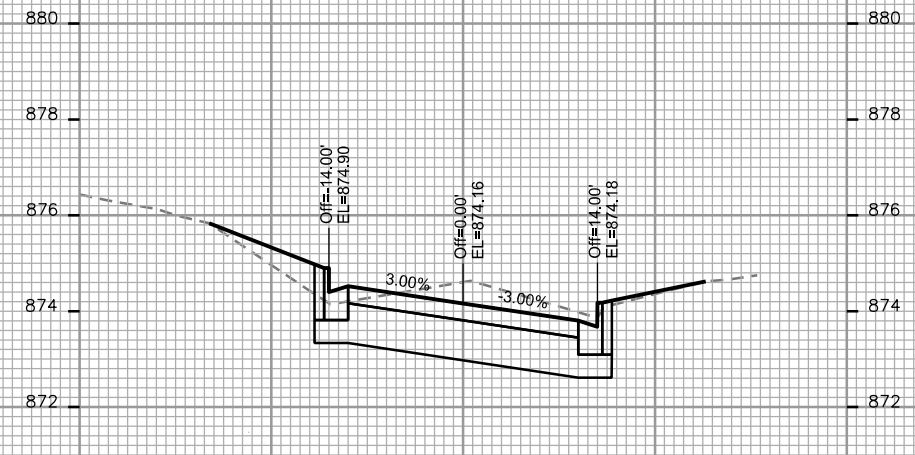
PLOT NAME: _____

REV. DATE: _____

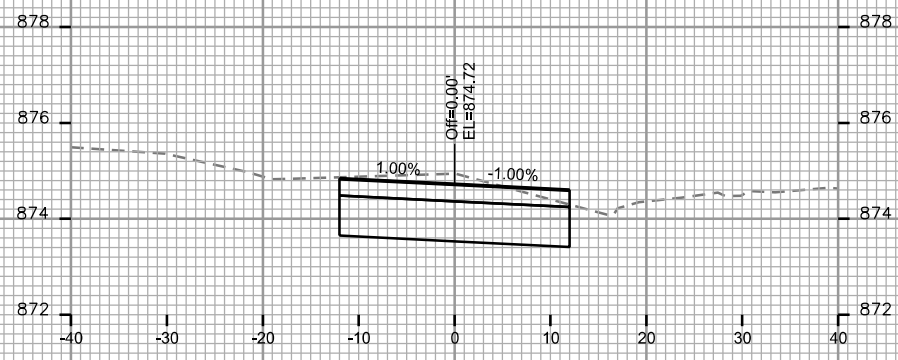
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



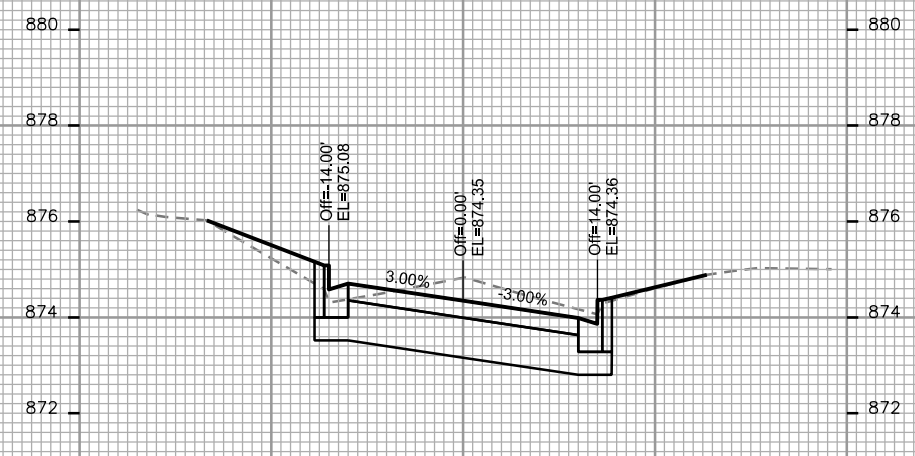
STA. 33+50



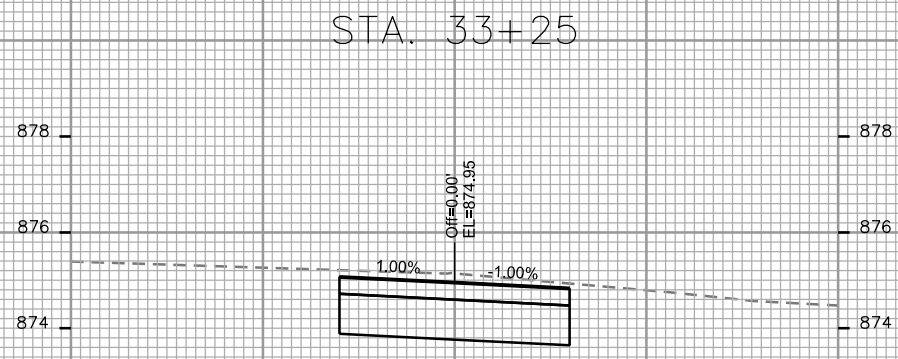
STA. 34+00



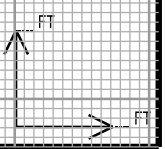
STA. 33+25



STA. 33+75



STA. 33+00



CROSS SECTIONS

PATERSON STREET

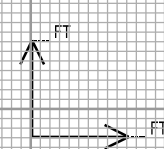
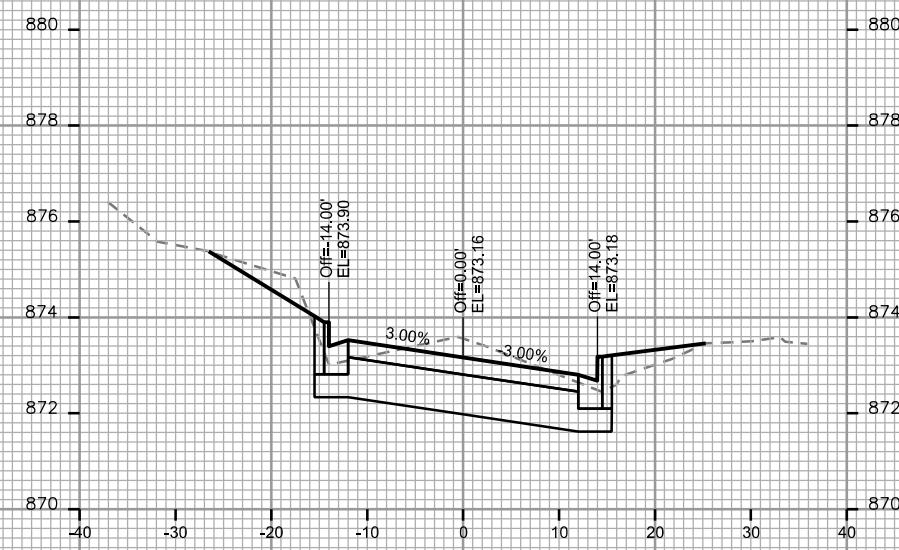
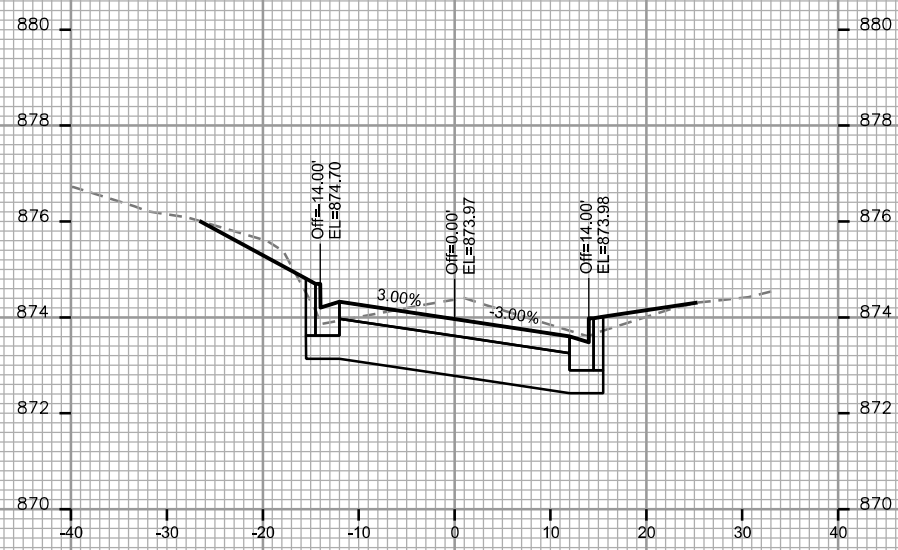
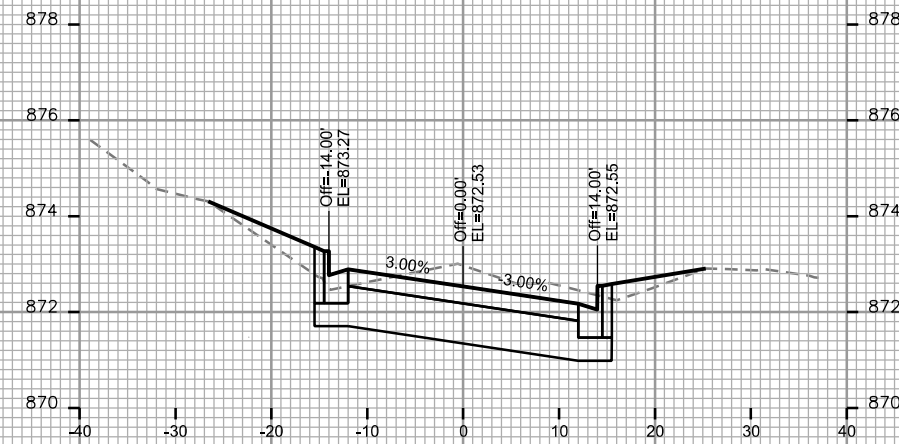
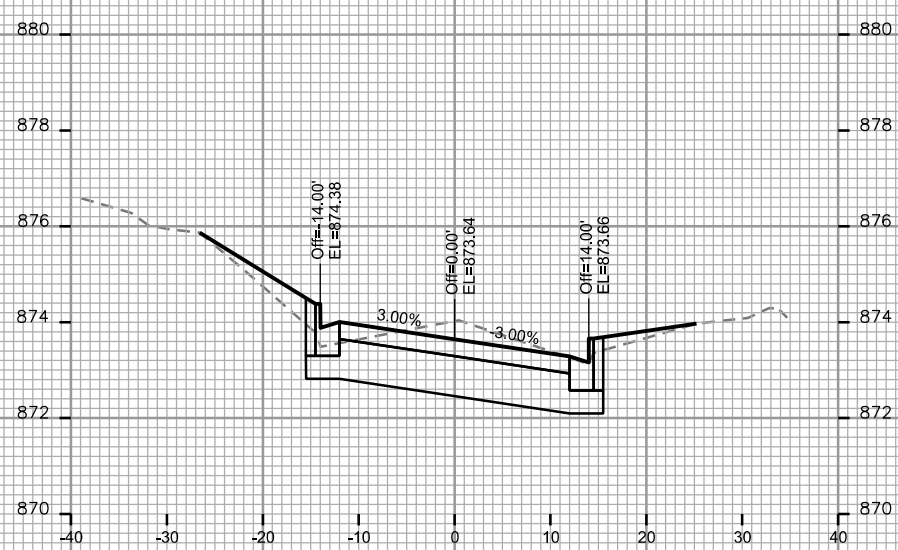
CITY OF MADISON

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



CROSS SECTIONS

PATERSON STREET

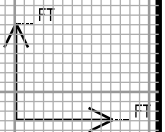
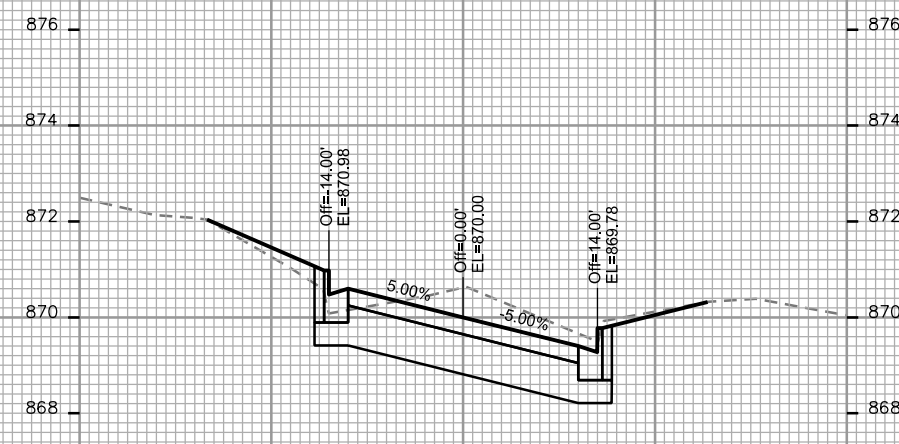
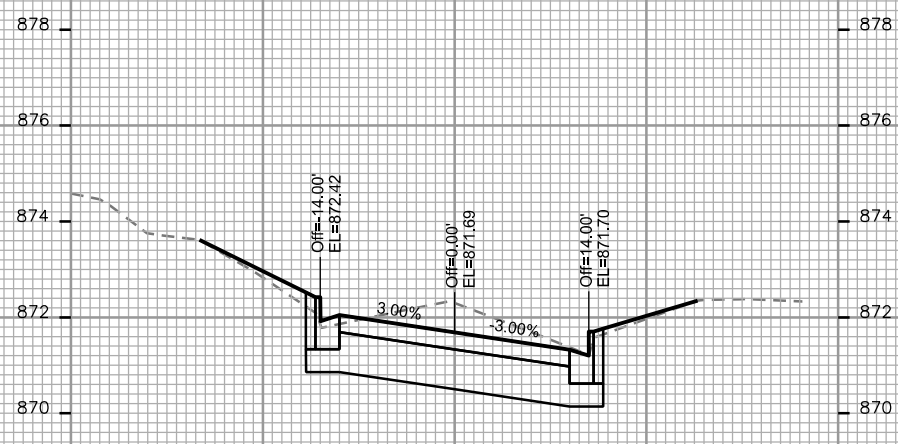
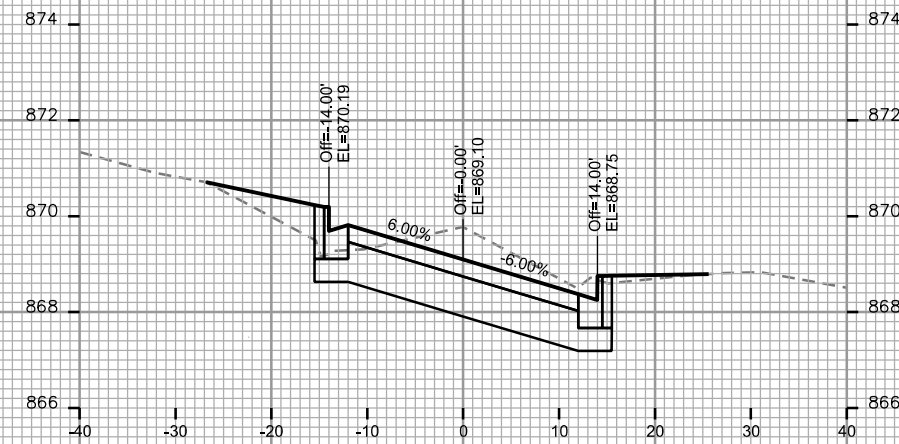
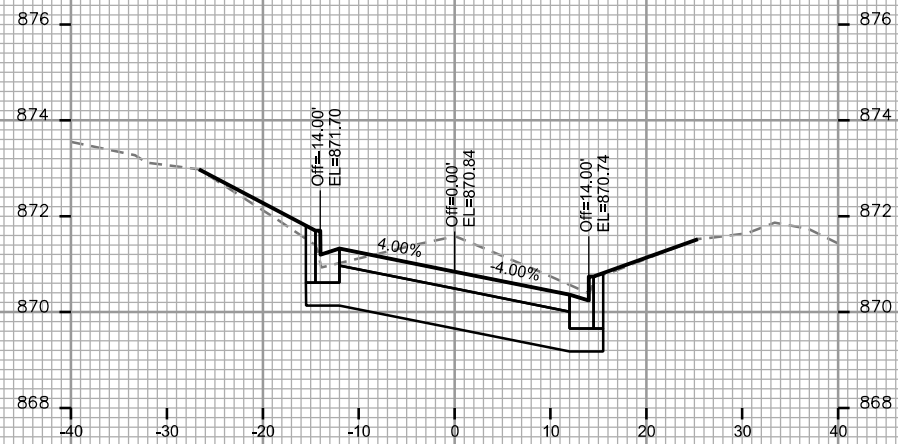
CITY OF MADISON

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



CROSS SECTIONS

PATERSON STREET

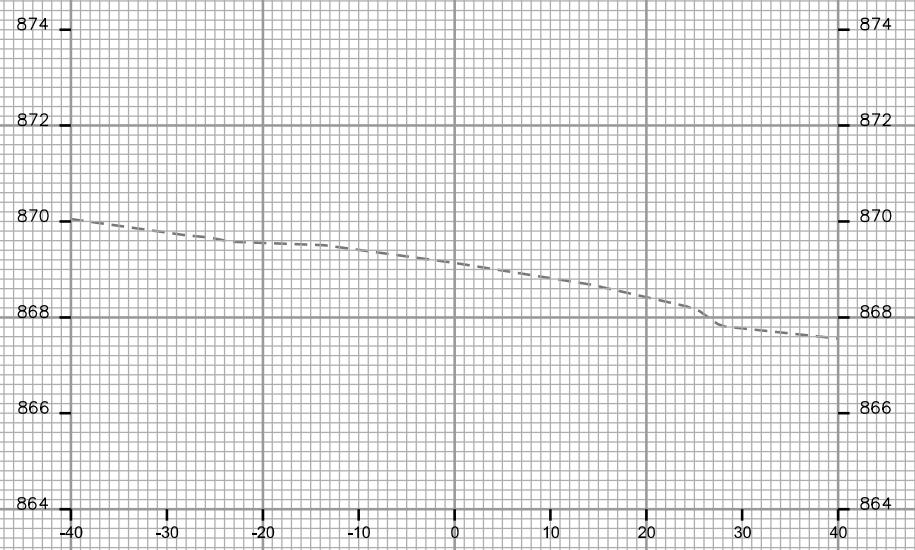
CITY OF MADISON

PLOT SCALE: _____

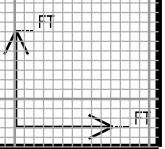
PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



STA. 36+25



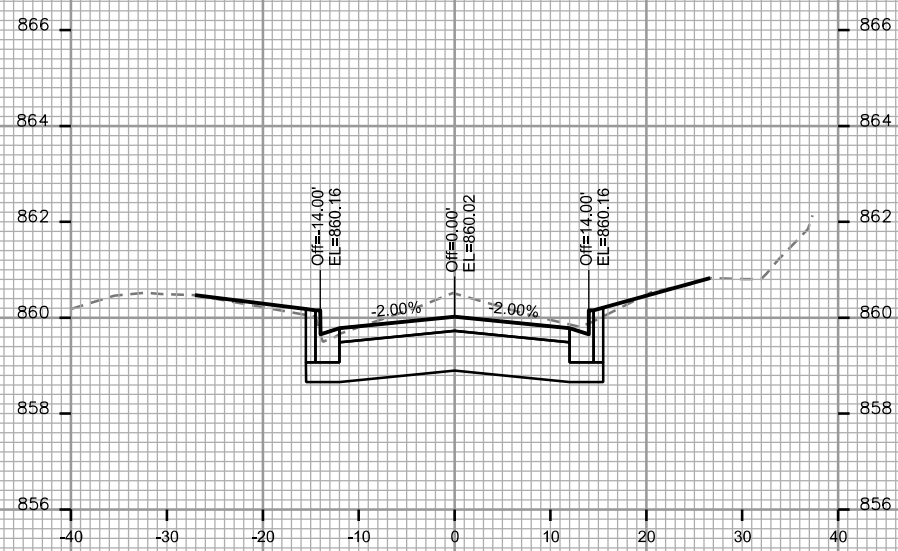
CROSS SECTIONS
BREARLY STREET CITY OF MADISON

PLOT SCALE: _____

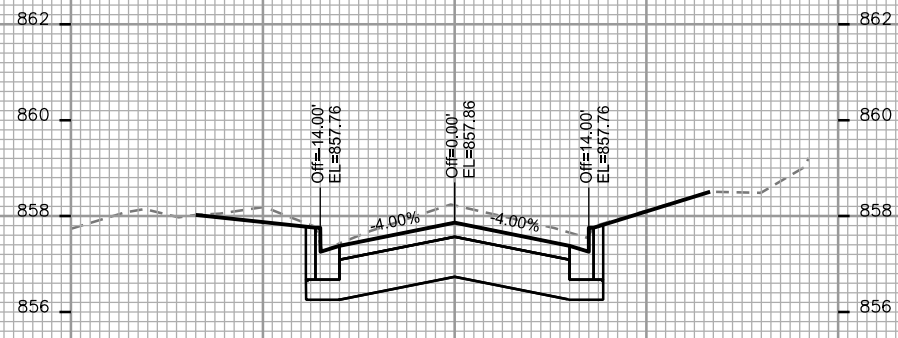
PLOT NAME: _____

REV. DATE: _____

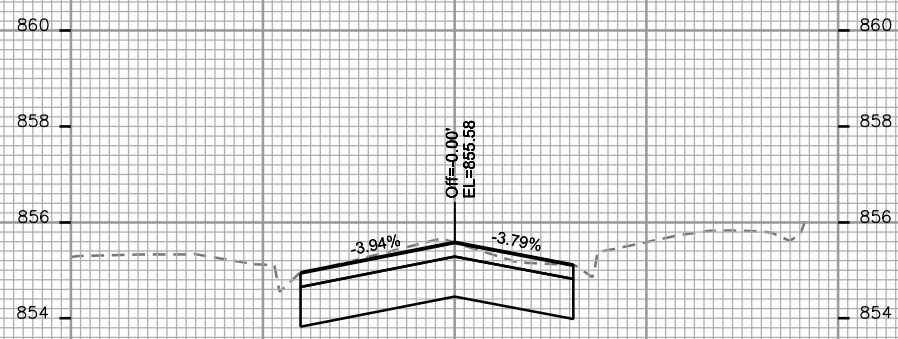
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



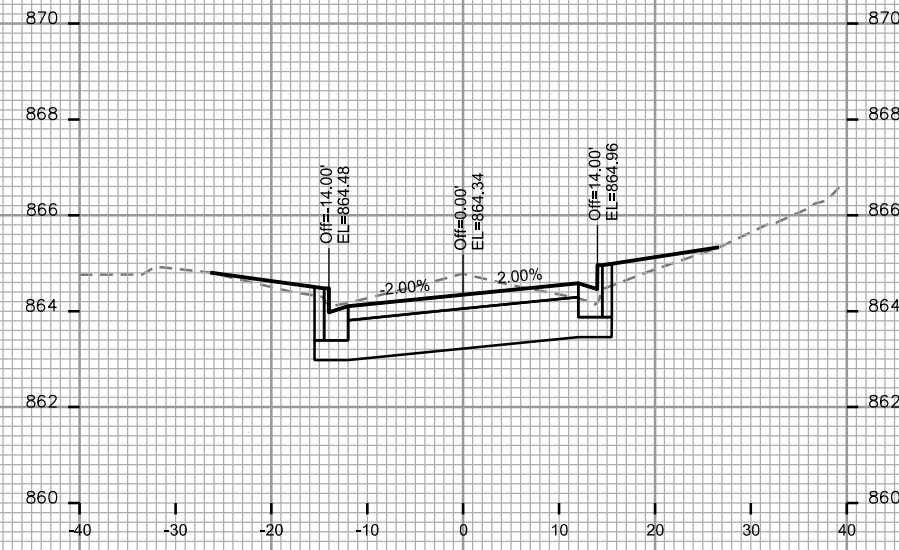
STA. 40+75



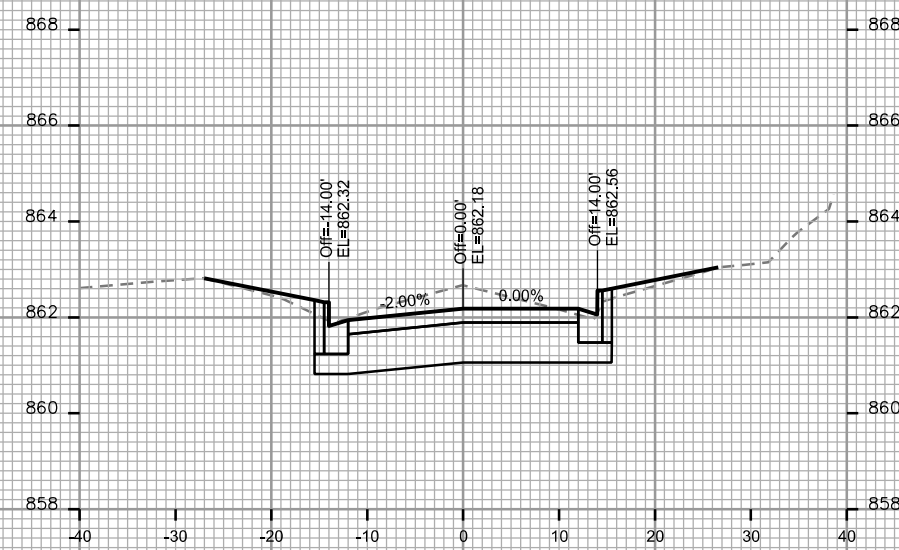
STA. 40+50



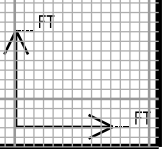
STA. 40+25



STA. 41+25



STA. 41+00



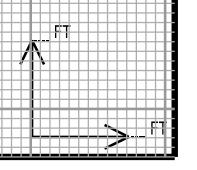
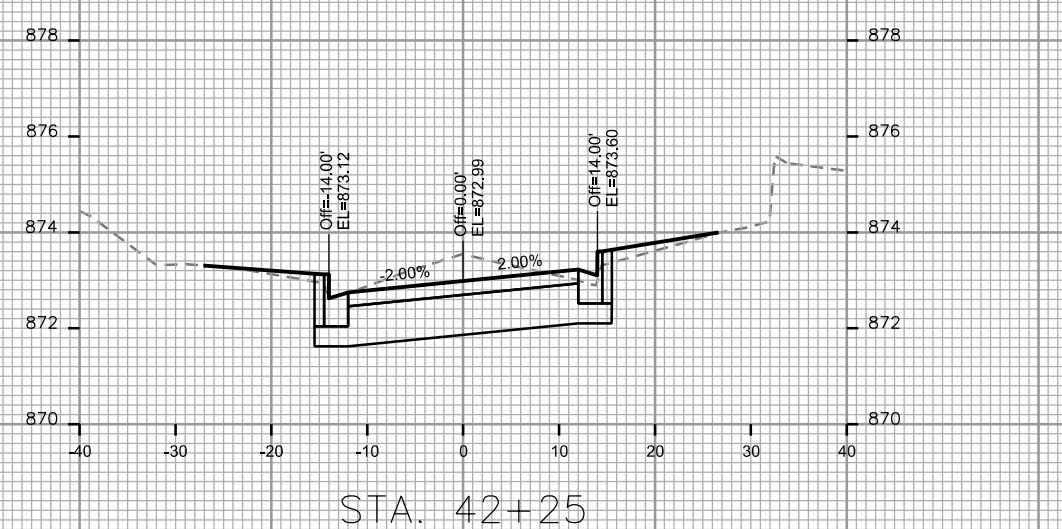
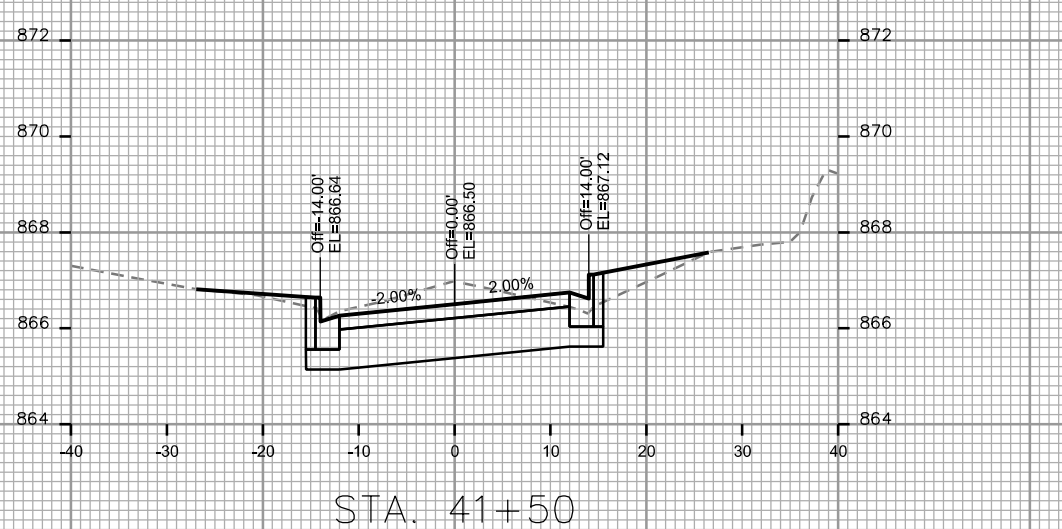
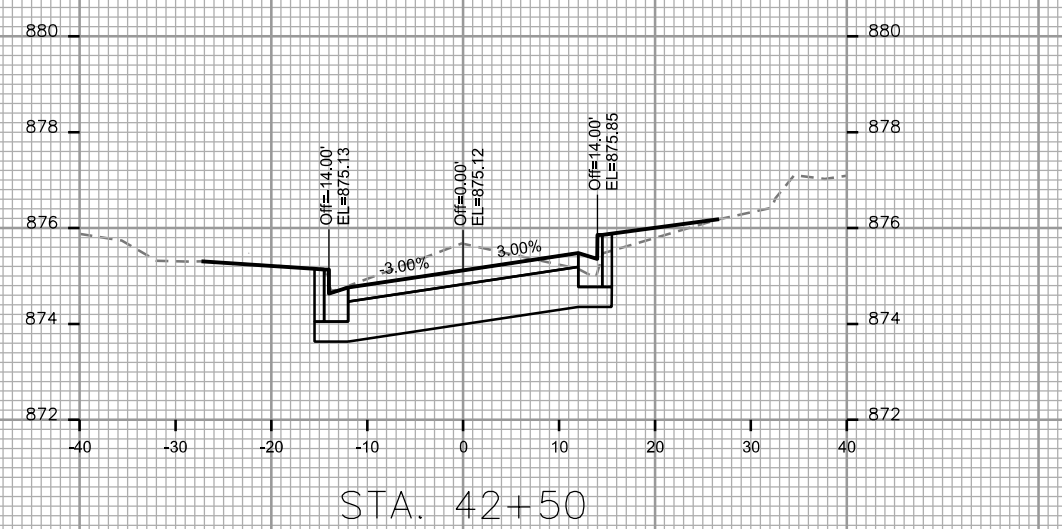
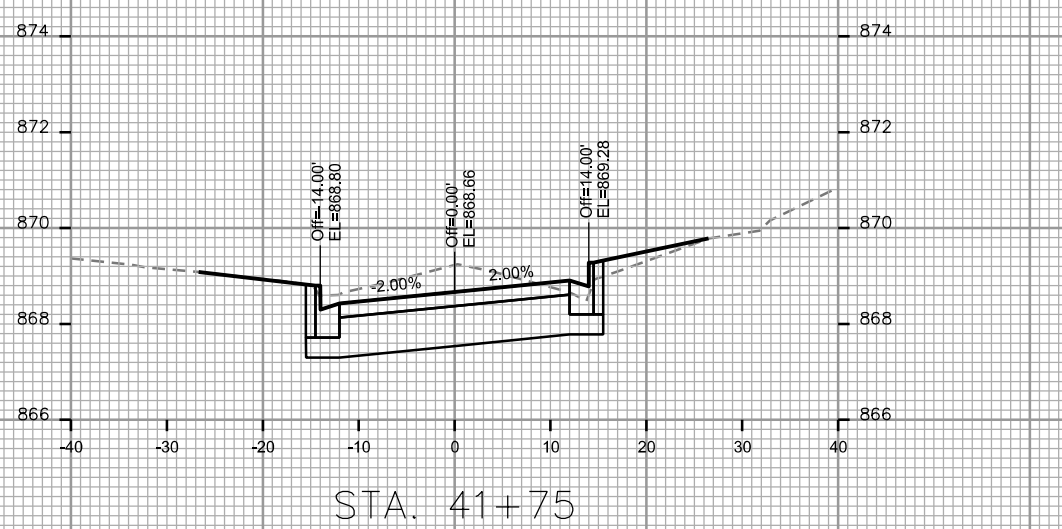
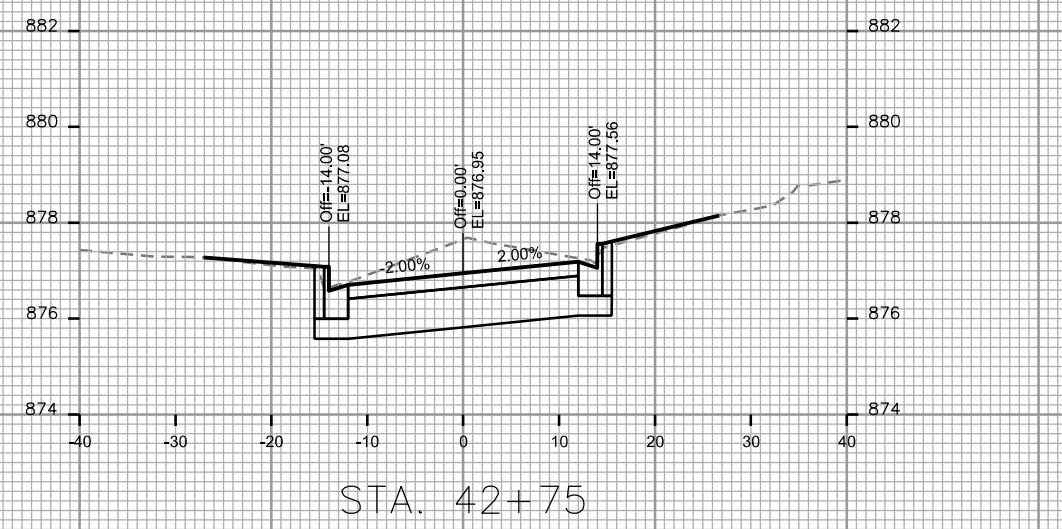
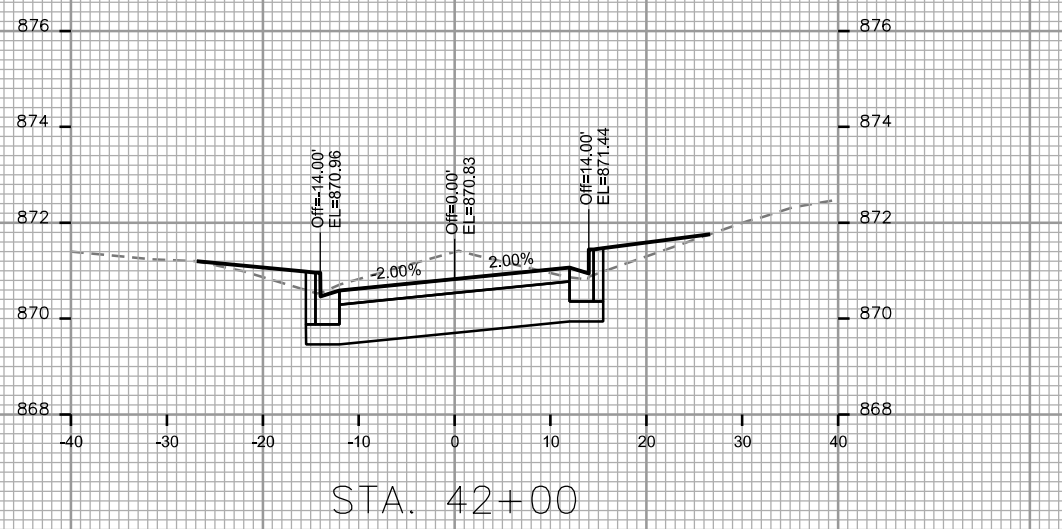
CROSS SECTIONS
BREARLY STREET CITY OF MADISON

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



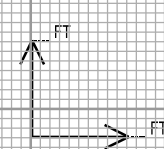
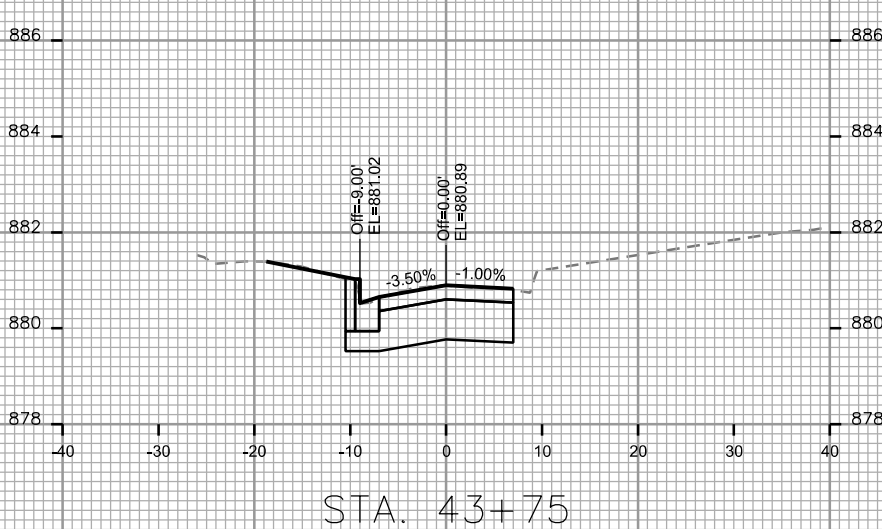
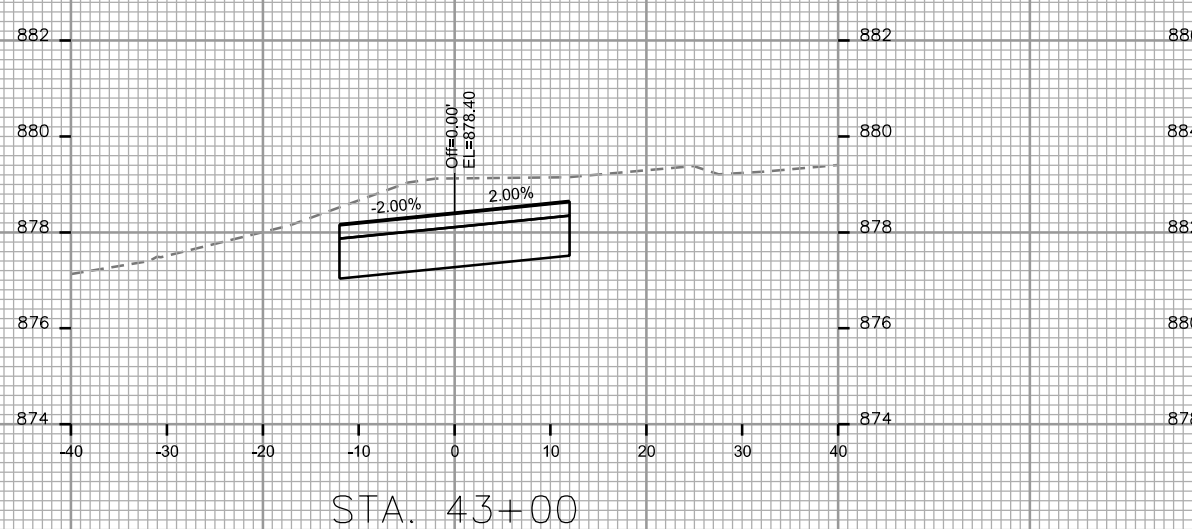
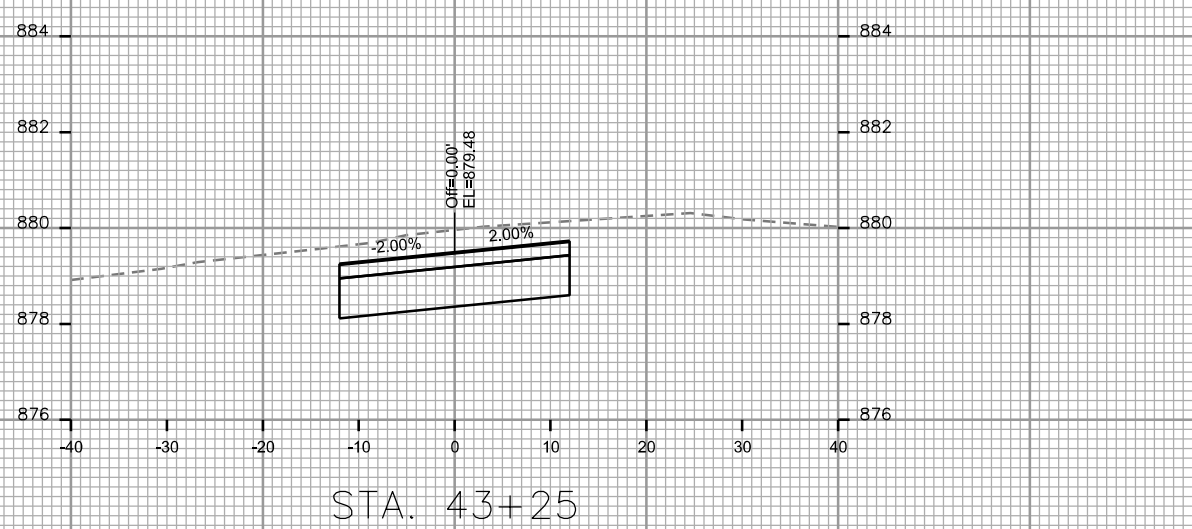
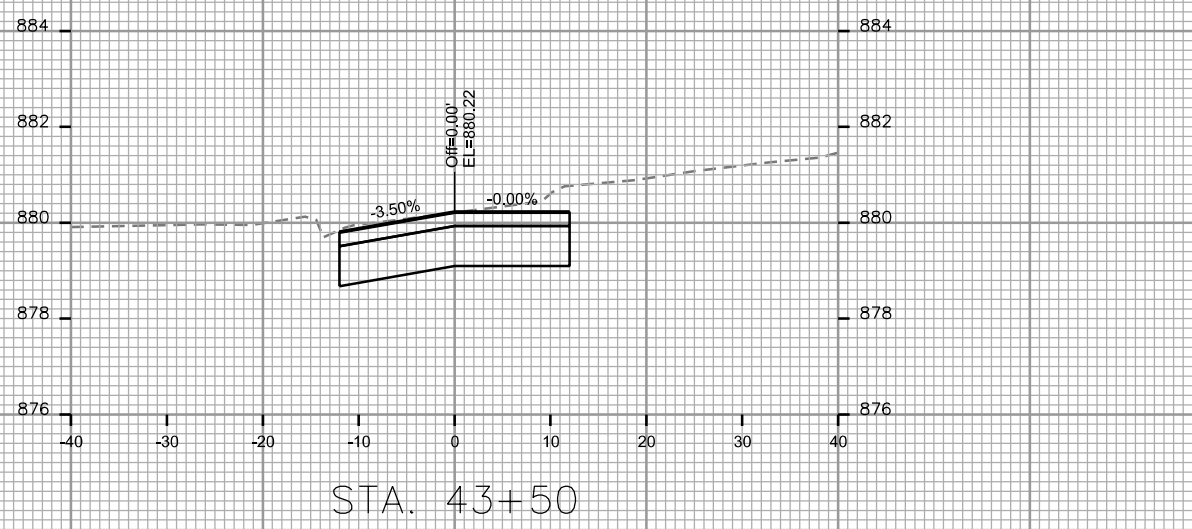
CROSS SECTIONS
BREARLY STREET CITY OF MADISON

PLOT SCALE: _____

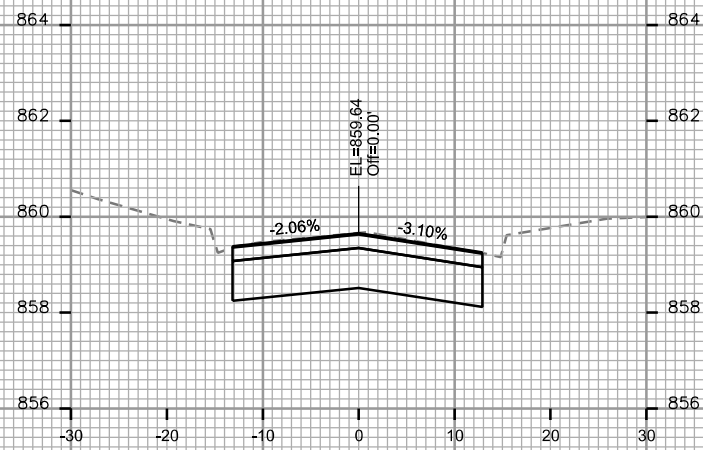
PLOT NAME: _____

REV. DATE: _____

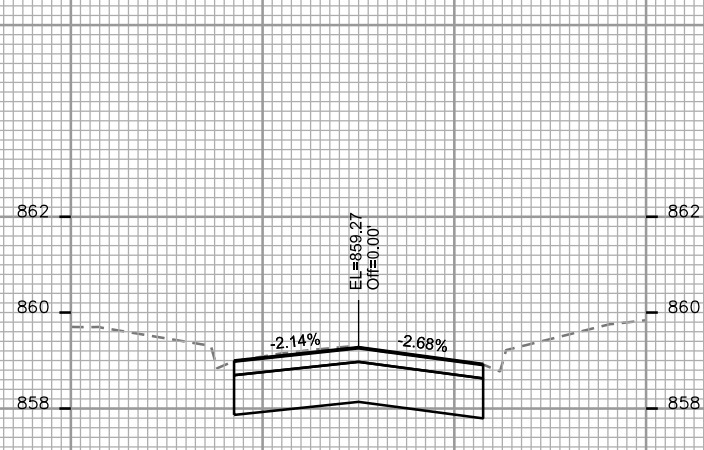
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



CROSS SECTIONS
 FEW STREET CITY OF MADISON



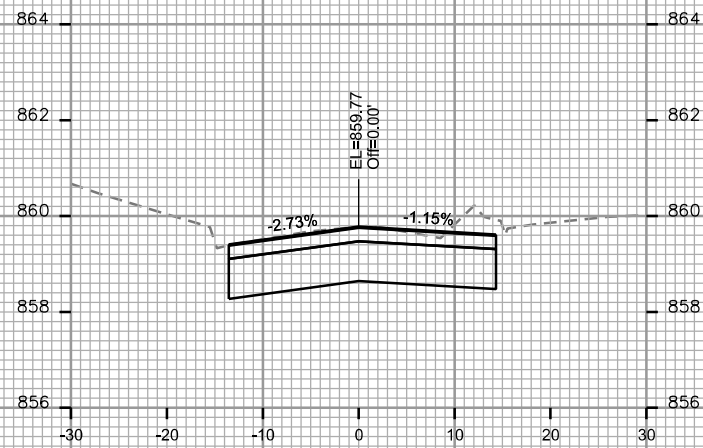
STA. 50+75



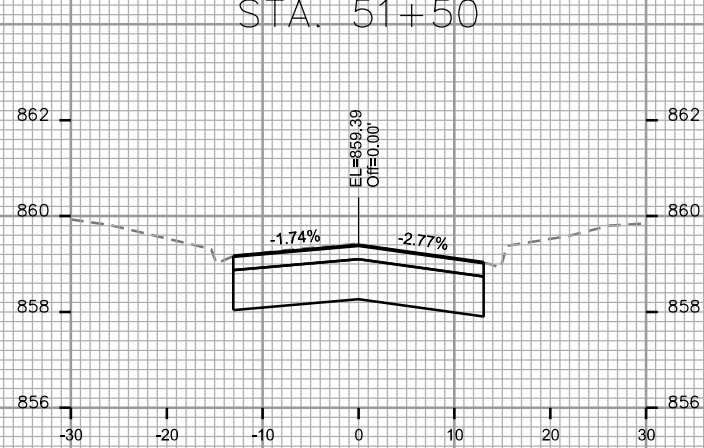
STA. 51+50



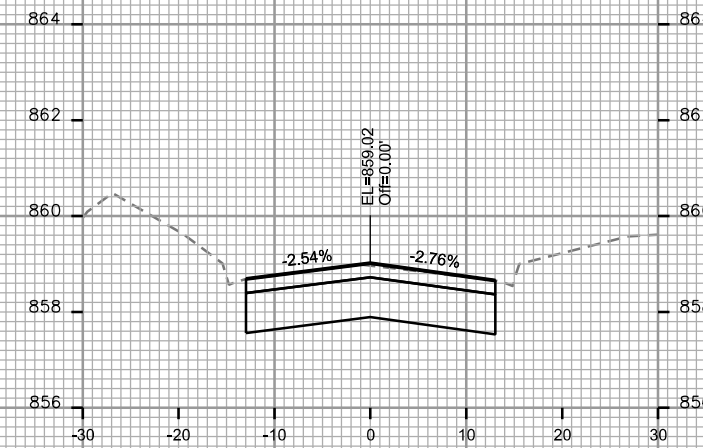
STA. 52+25



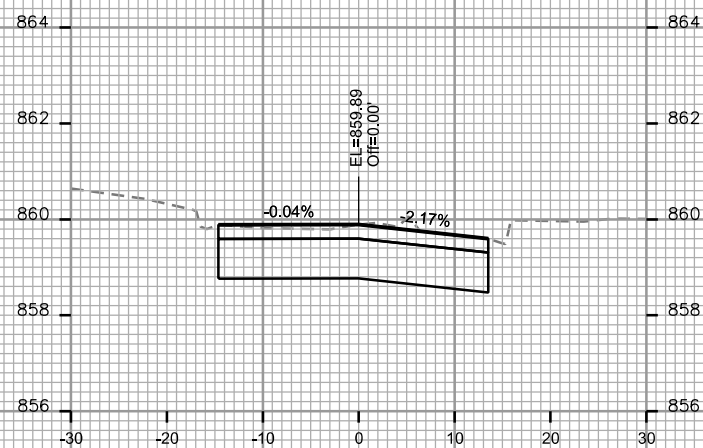
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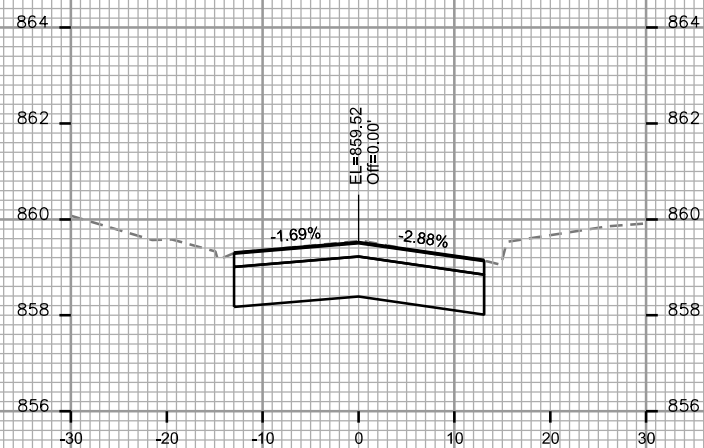
STA. 51+25



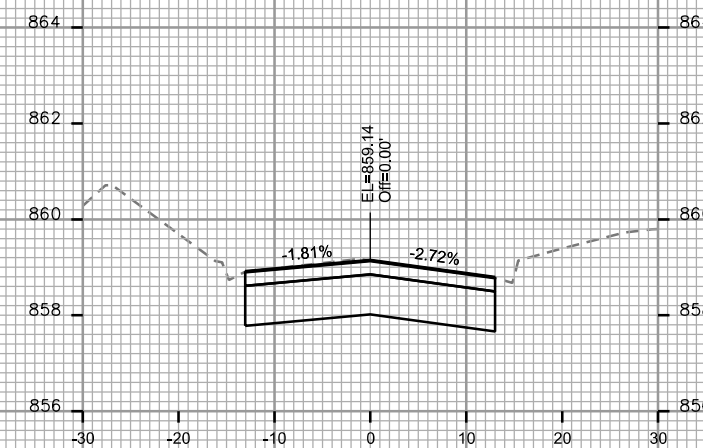
STA. 52+00



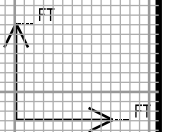
STA. 50+25



STA. 51+00



STA. 51+75



PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON - STREETS DIVISION

CROSS SECTIONS

FEW STREET

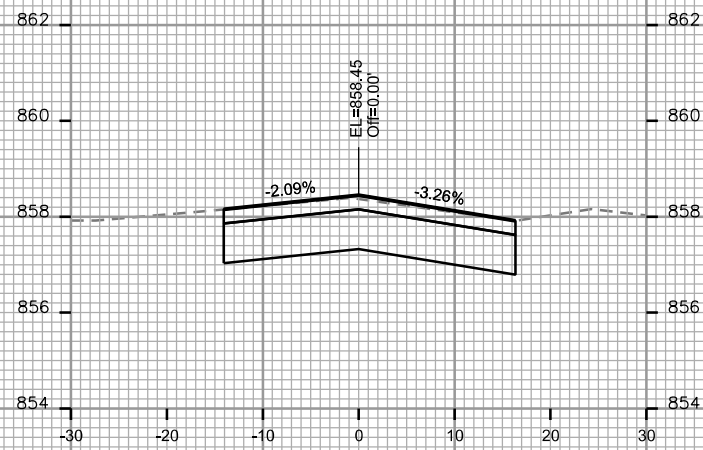
CITY OF MADISON

PLOT SCALE: _____

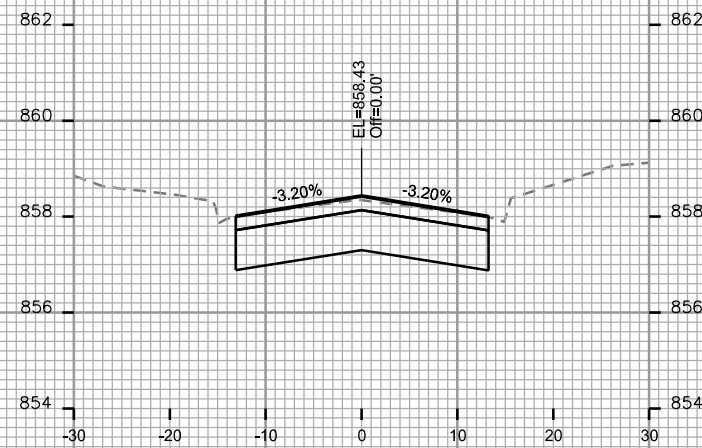
PLOT NAME: _____

REV. DATE: _____

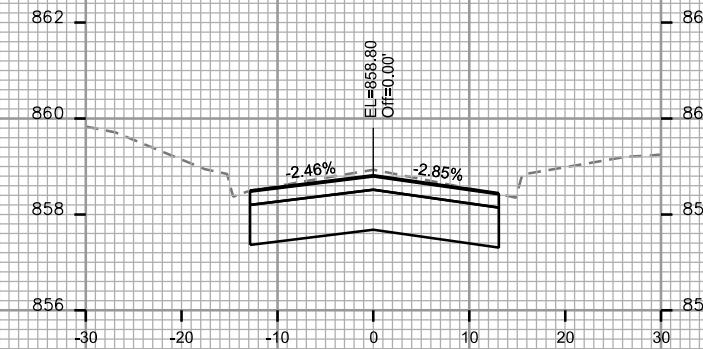
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



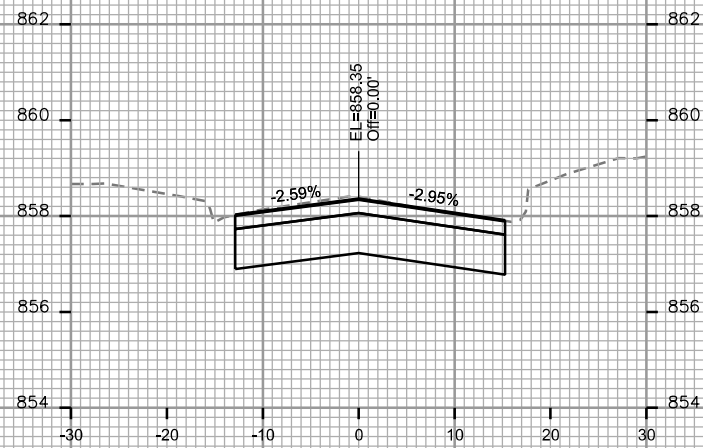
STA. 53+00



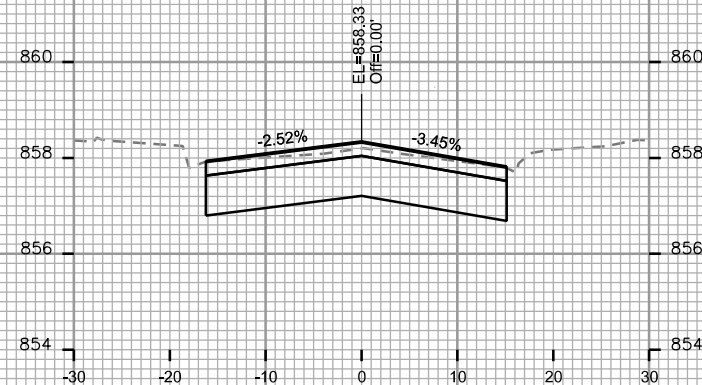
STA. 53+75



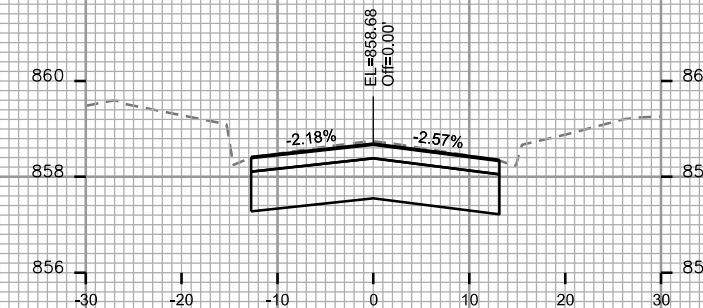
STA. 54+50



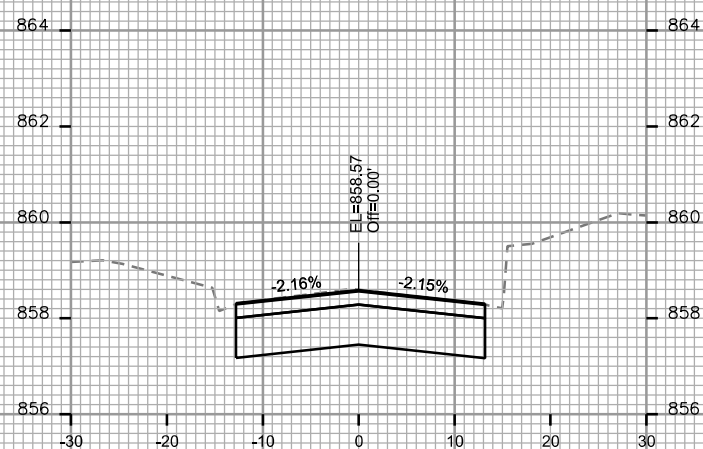
STA. 52+75



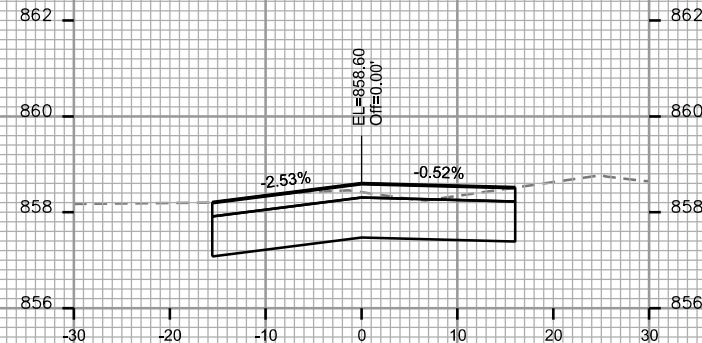
STA. 53+50



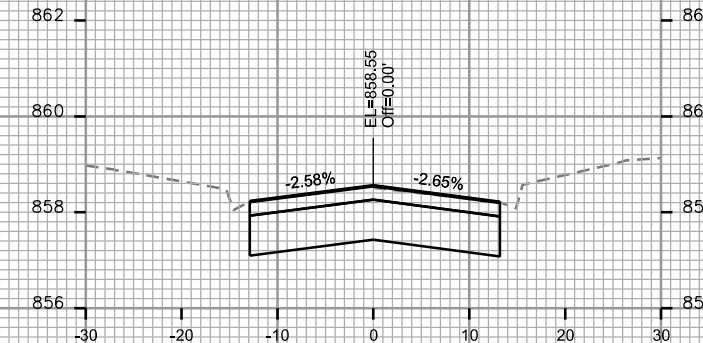
STA. 54+25



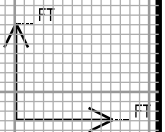
STA. 52+50



STA. 53+25



STA. 54+00



CROSS SECTIONS

FEW STREET

CITY OF MADISON

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON - STREETS DIVISION

