

Madison, Wisconsin

CITY OF MADISON

CITY ENGINEERING DIVISION

DEPARTMENT OF PUBLIC WORKS

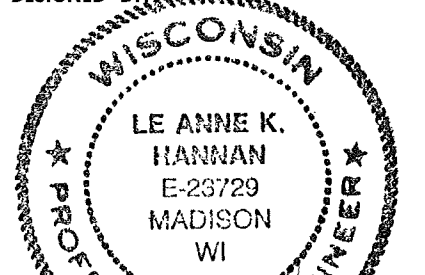
PLAN OF PROPOSED IMPROVEMENT

STREET PROJECT APPROVED
MAY 15, 2012
BY THE COMMON COUNCIL
OF MADISON, WISCONSIN

DESIGN APPROVED BY:

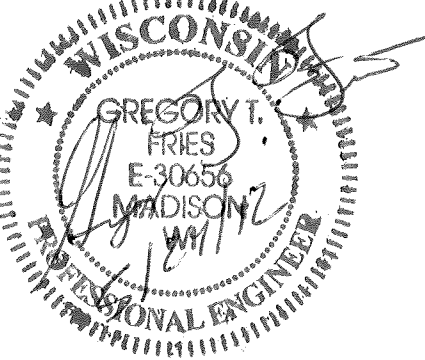
[Signature] 5/29/12
City Engineer Date

STREET DESIGNED BY:

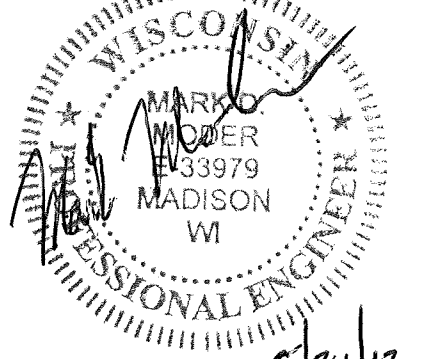


[Signature]
5/23/12

STORM SEWER DESIGNED BY:



SANITARY SEWER DESIGNED BY:



CONVENTIONAL SIGNS

COMBUSTIBLE FLUIDS



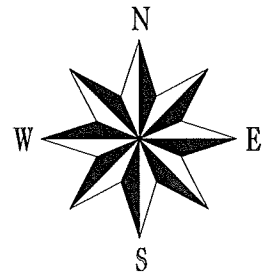
UNDERGROUND UTILITIES

NOTE: FIELD VERIFY UTILITIES

- STORM SEWER ——— ST ———
- SANITARY SEWER ——— SAN ———
- WATER ——— W ———
- POWER POLE □
- RAILROAD [hatched symbol]

INDEX OF SHEETS

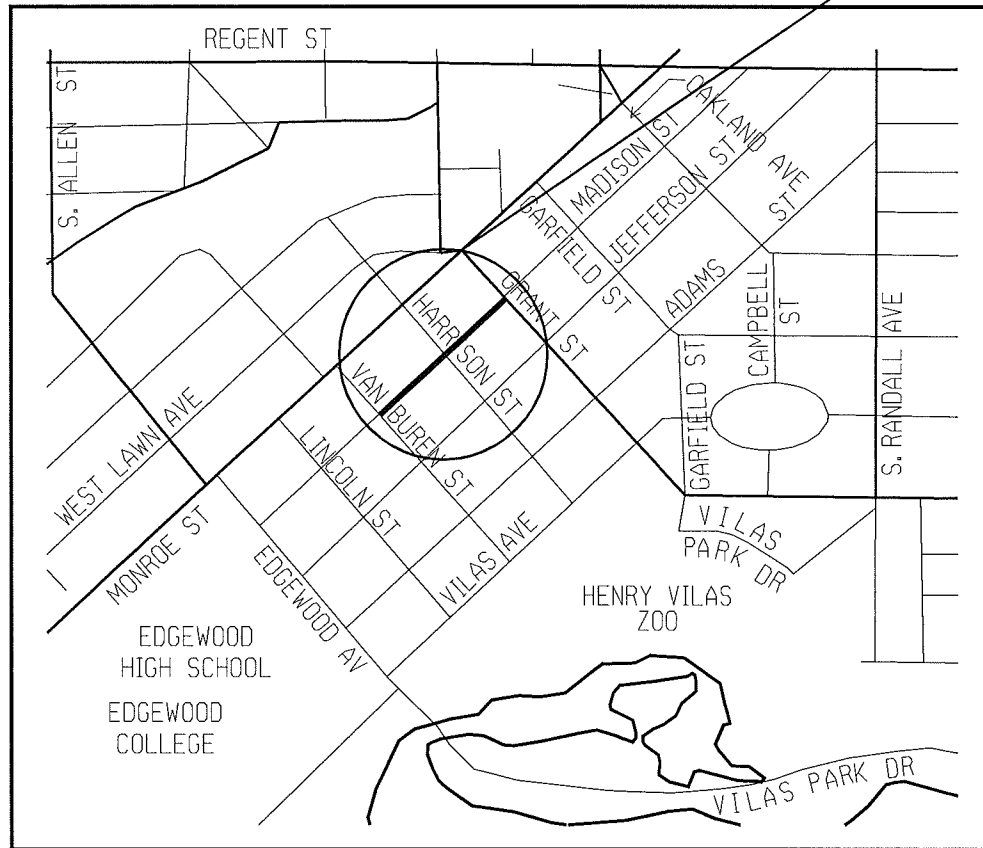
| | |
|-------------------|----------------------------|
| SHEET NO. D1 | TYPICAL SECTIONS |
| SHEET NO. EC1-EC3 | EROSION CONTROL PLAN |
| SHEET NO. P1-P3 | PLAN/PROFILE |
| SHEET NO. RG1-RG2 | RAIN GARDEN DETAILS- |
| SHEET NO. U1-U3 | UTILITY PLAN/PROFILE |
| SHEET NO. U4 | SANITARY SEWER SCHEDULE |
| SHEET NO. U5 | STORM SEWER SCHEDULE |
| SHEET NO. W1-W3 | WATER PLAN/PROFILE |
| SHEET NO. W4 | WATER IMPACT PLAN |
| SHEET NO. W5 | WATER ESTIMATE OF MATERIAL |
| SHEET NO. X1-X6 | CROSS-SECTIONS |



GRANT STREET TO VAN BUREN STREET

PROJECT NO. 53W0613
CONTRACT NO. 6790

PROJECT LOCATION

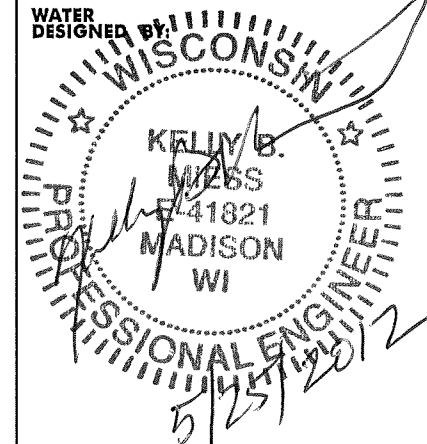


EARTHWORK SUMMARY

| | |
|-------------------------|----------------|
| EXCAVATION CUT | 1554 CY |
| (PAID AS PLAN QUANTITY) | |
| UNDERCUT (EST.) | 877 CY |
| TOTAL | 2431 CY |

NOTES:

THE CROSS SLOPE OF SIDEWALK AND BARRIER FREE WALK RAMP SHALL NOT EXCEED 2%. THE LONGITUDINAL GRADE OF BARRIER FREE WALK RAMP SHALL NOT EXCEED 8.33%.



PLOT SCALE:

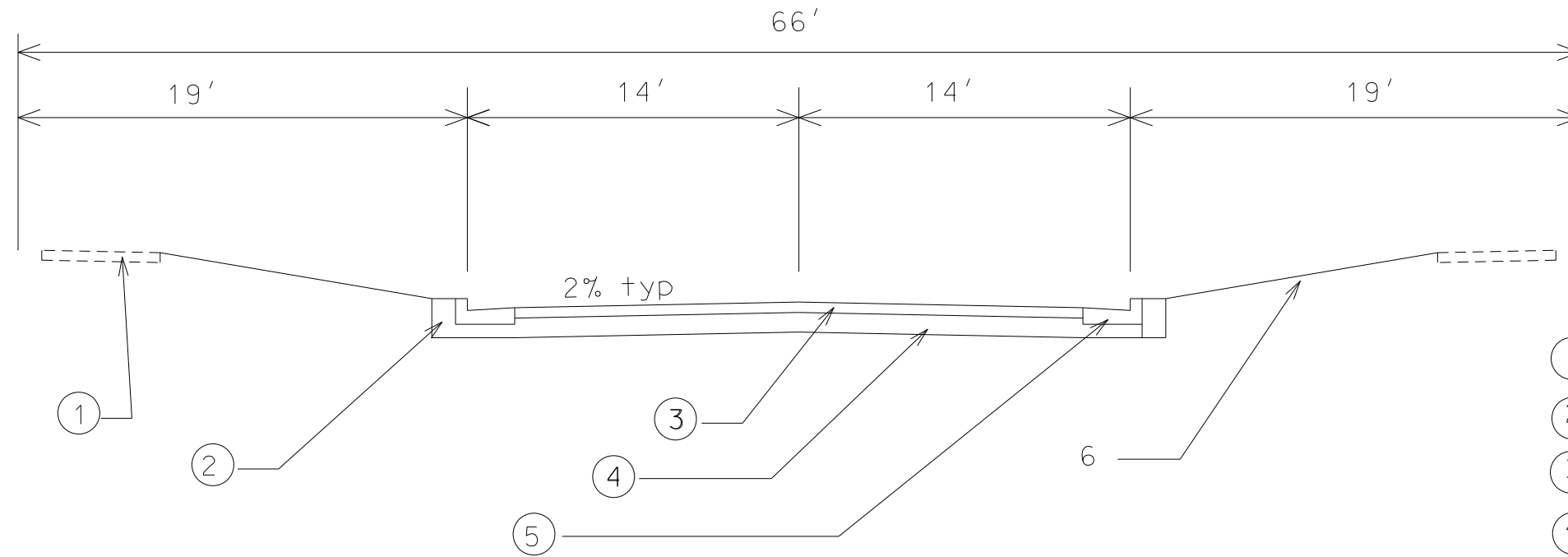
PLOT NAME:

REV. DATE:

ORIGINATOR:

TYPICAL SECTIONS

MADISON ST RECONST.
ASSM'T DIST-2012 CITY OF MADISON



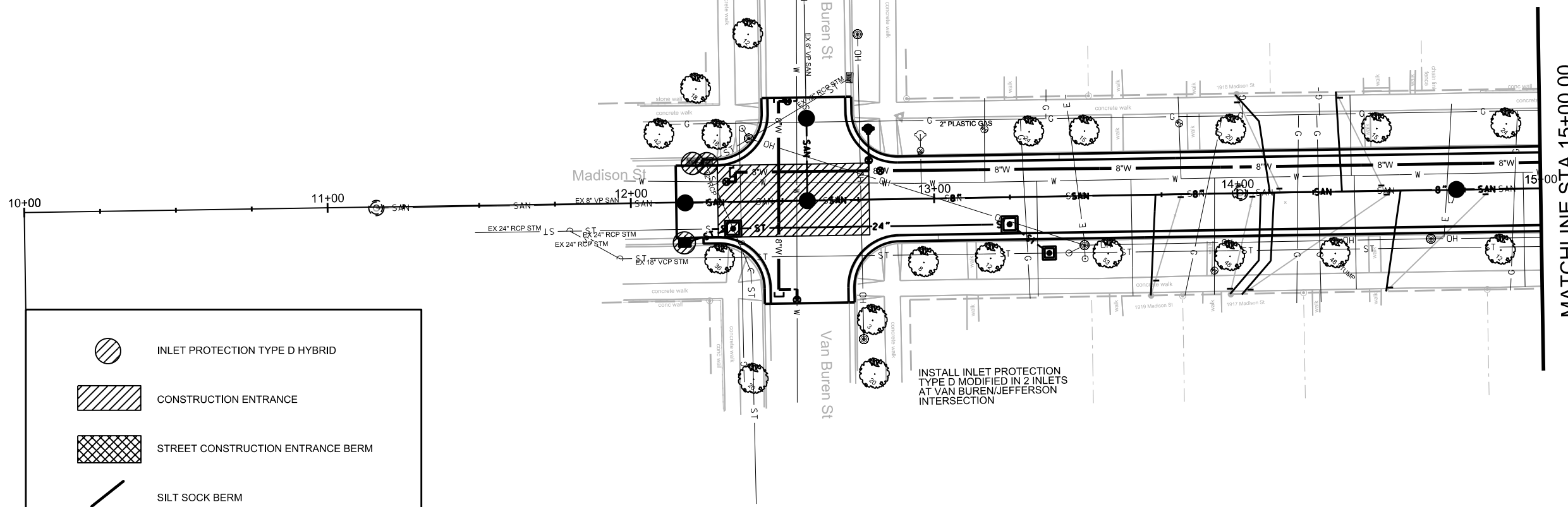
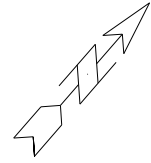
- ① EX. 5" CONC. SW
- ② FILL
- ③ 4-1/4" HMA PAV'T TYPE 1
- ④ 4" C.A.B.C.GR. 2
6" C.A.B.C.GR. 1
- ⑤ TYPE A CONC. C&G
- ⑥ 4" TOPSOIL, SEED & MATTING

LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63

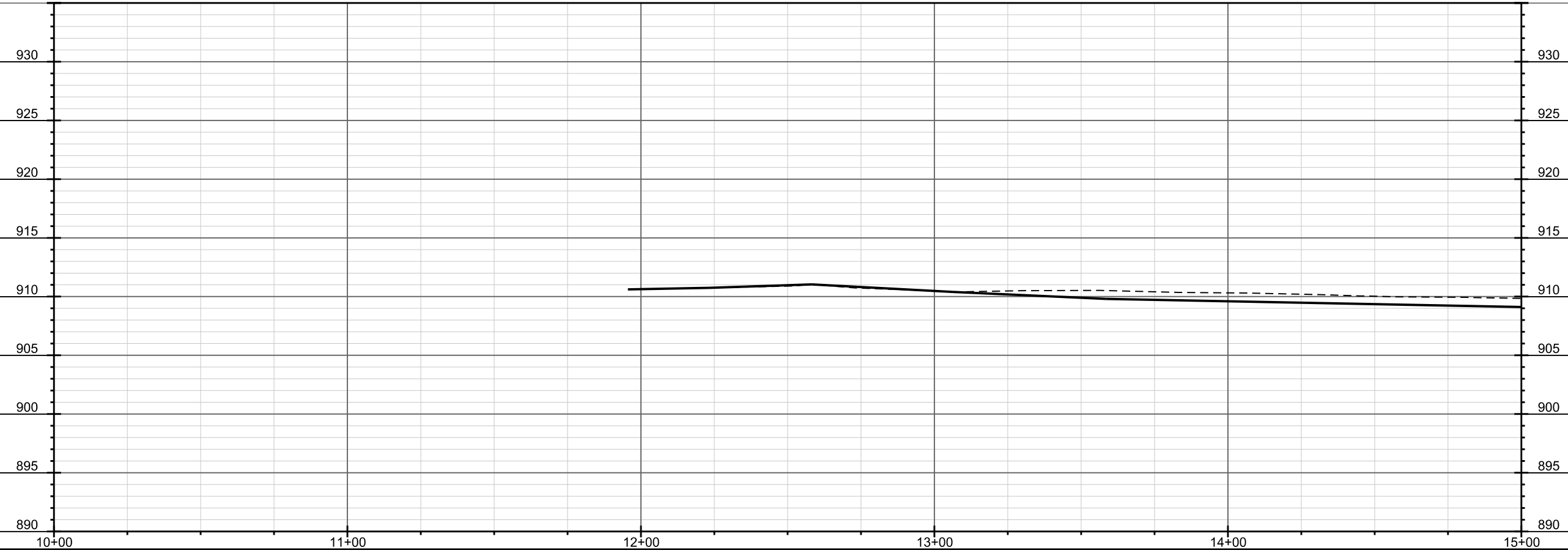
EROSION CONTROL PLAN

MADISON ST

CITY OF MADISON



| | |
|--|-----------------------------------|
| | INLET PROTECTION TYPE D HYBRID |
| | CONSTRUCTION ENTRANCE |
| | STREET CONSTRUCTION ENTRANCE BERM |
| | SILT SOCK BERM |

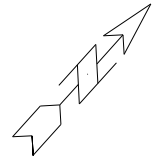


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PLOT NAME: _____

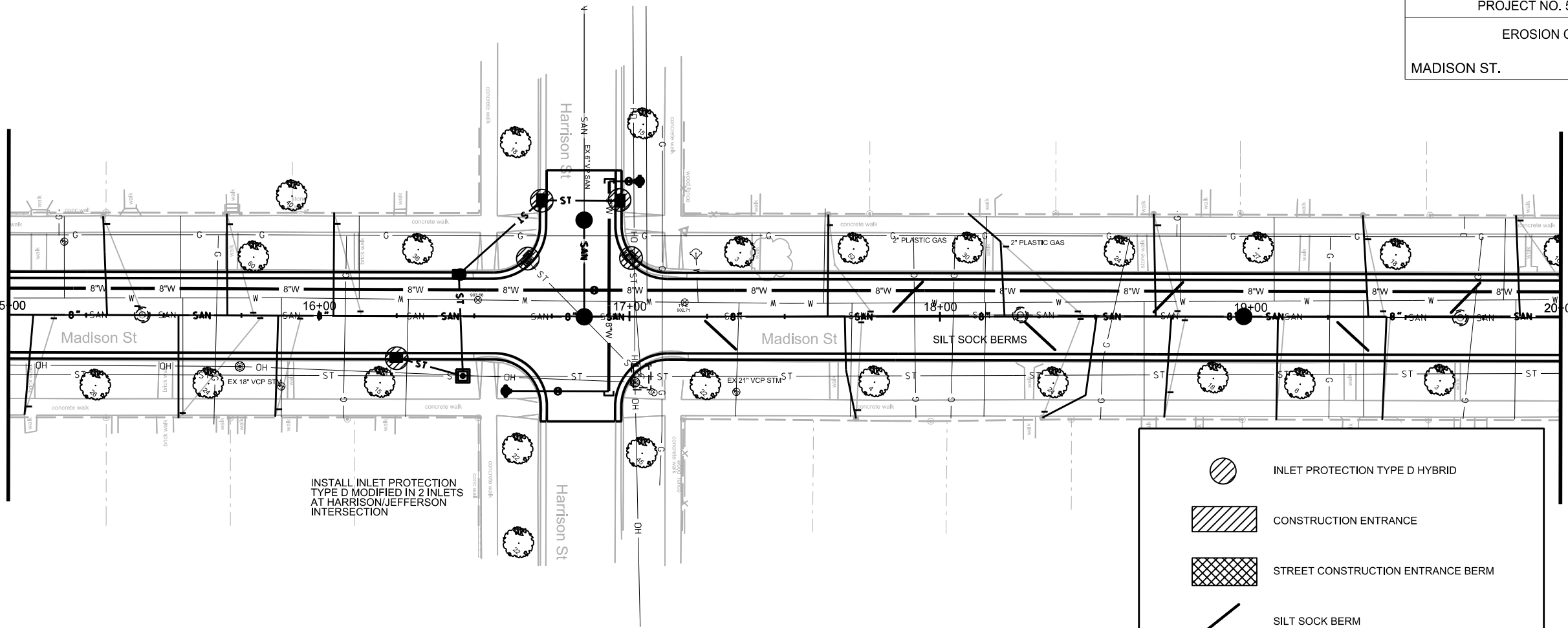
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ORIGINATOR: CITY OF MADISON, STREETS DIVISION



MATCHLINE STA 15+00.00

MATCHLINE STA 20+00.00



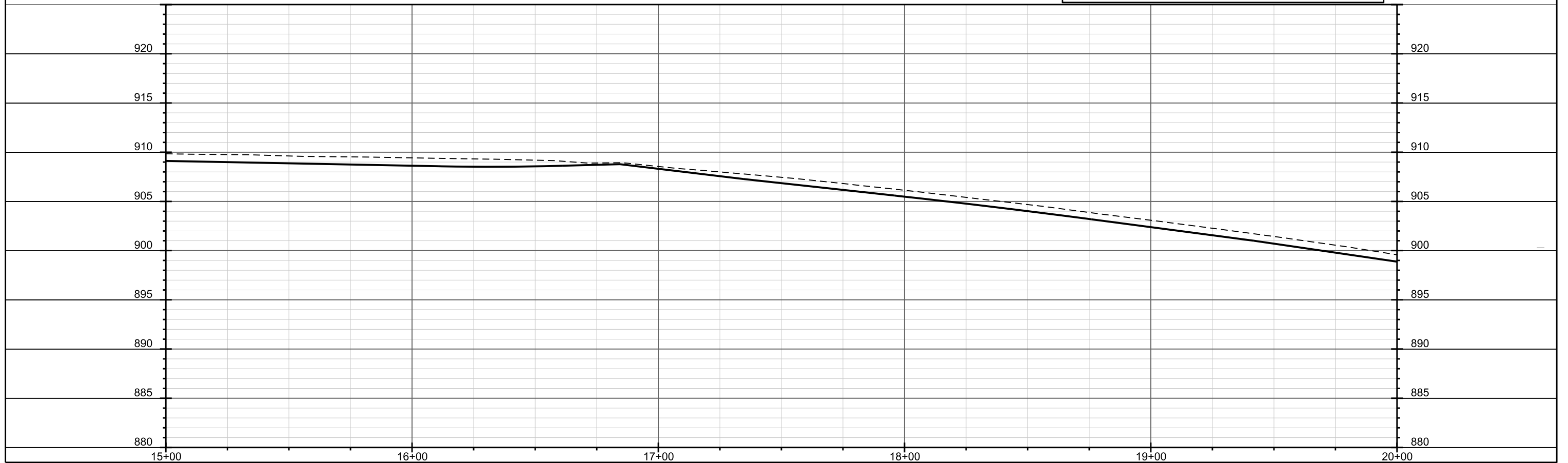
| | |
|--|-----------------------------------|
| | INLET PROTECTION TYPE D HYBRID |
| | CONSTRUCTION ENTRANCE |
| | STREET CONSTRUCTION ENTRANCE BERM |
| | SILT SOCK BERM |

PLOT SCALE: _____

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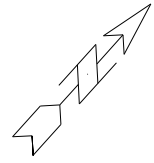
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



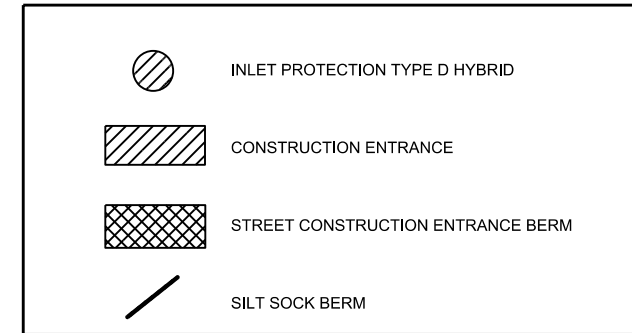
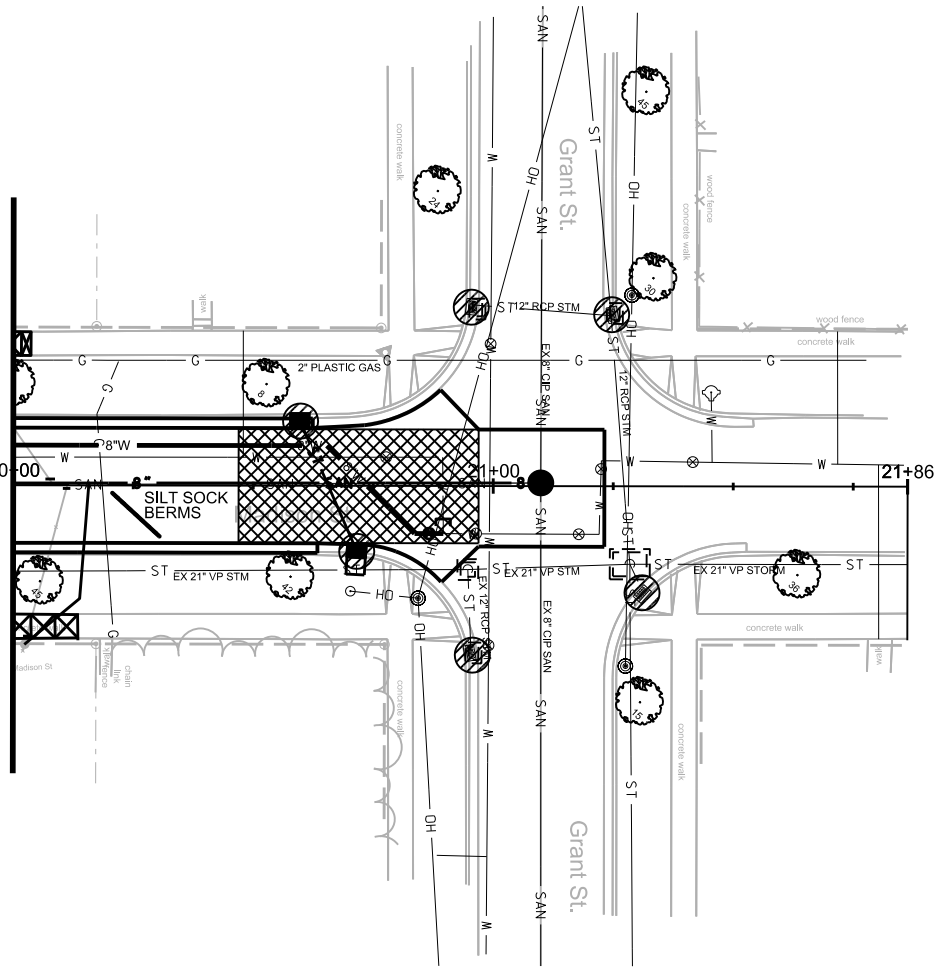
EROSION CONTROL PLAN

MADISON ST.

CITY OF MADISON



MATCHLINE STA 20+00.00

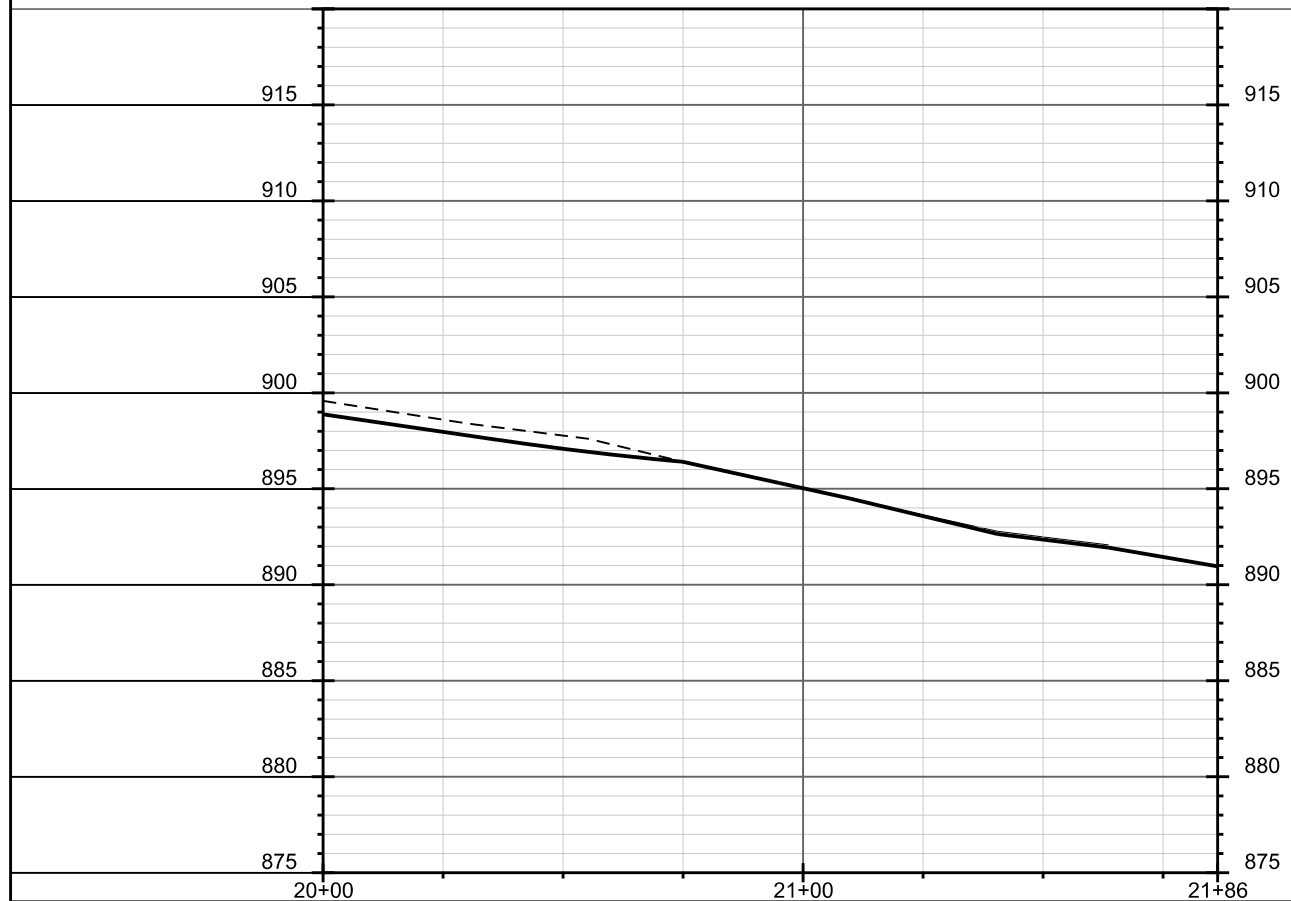


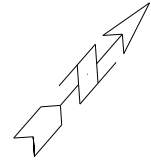
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PLOT NAME: _____

REV. DATE: _____

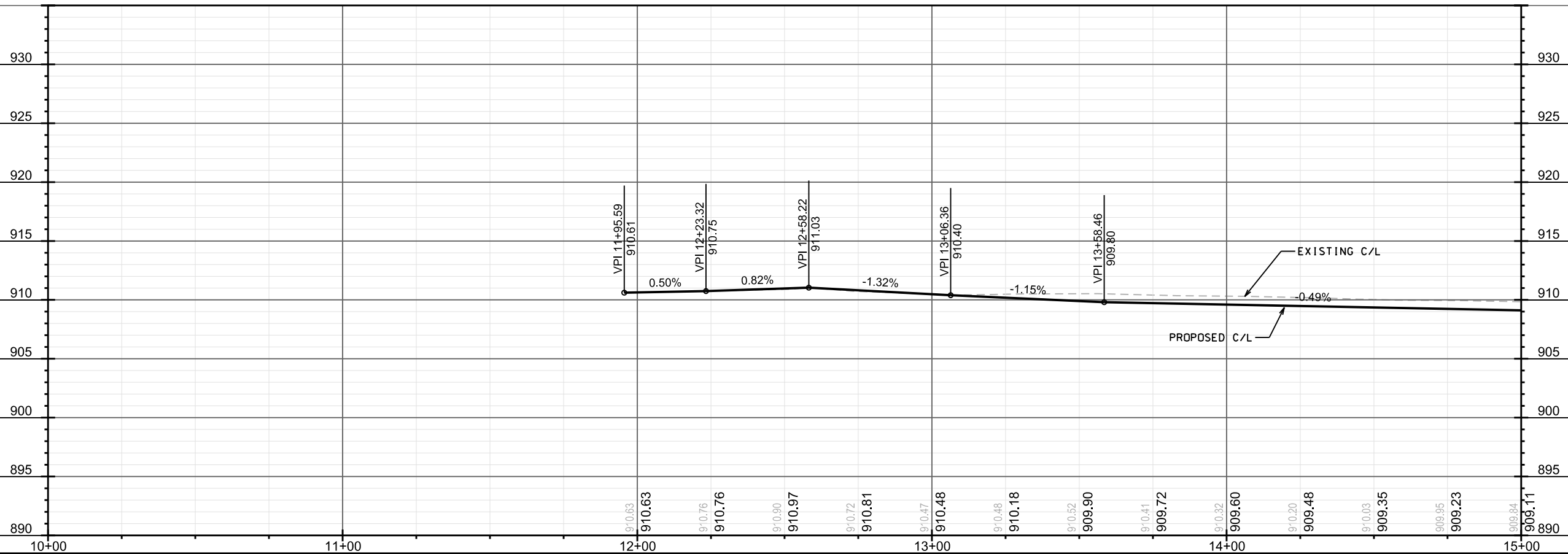
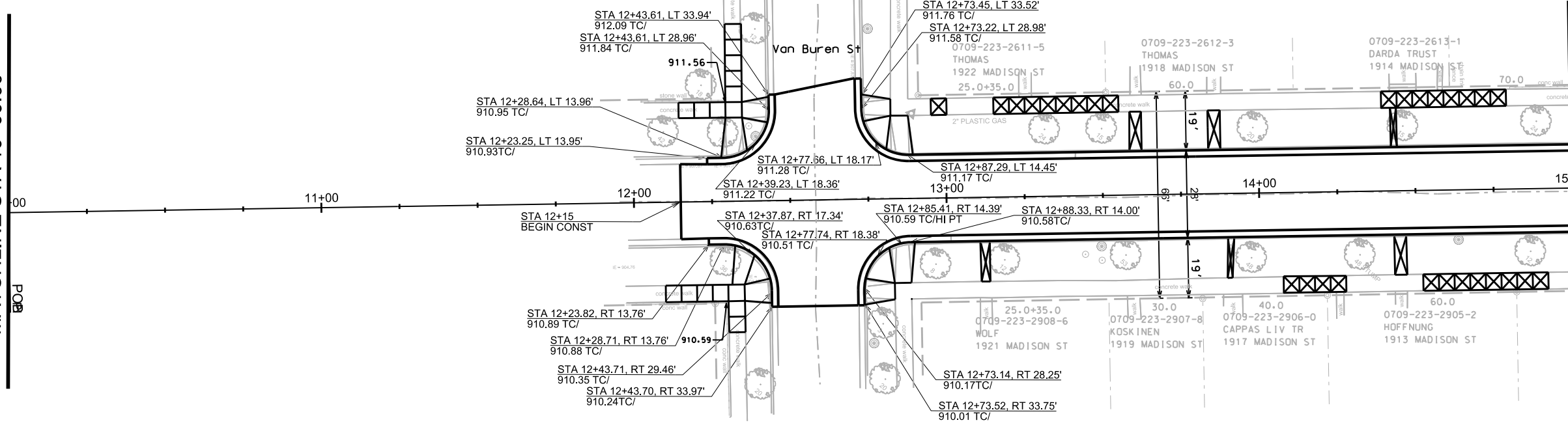
ORIGINATOR: CITY OF MADISON, STREETS DIVISION





MATCHLINE STA 10+00.00

MATCHLINE STA 15+00.00

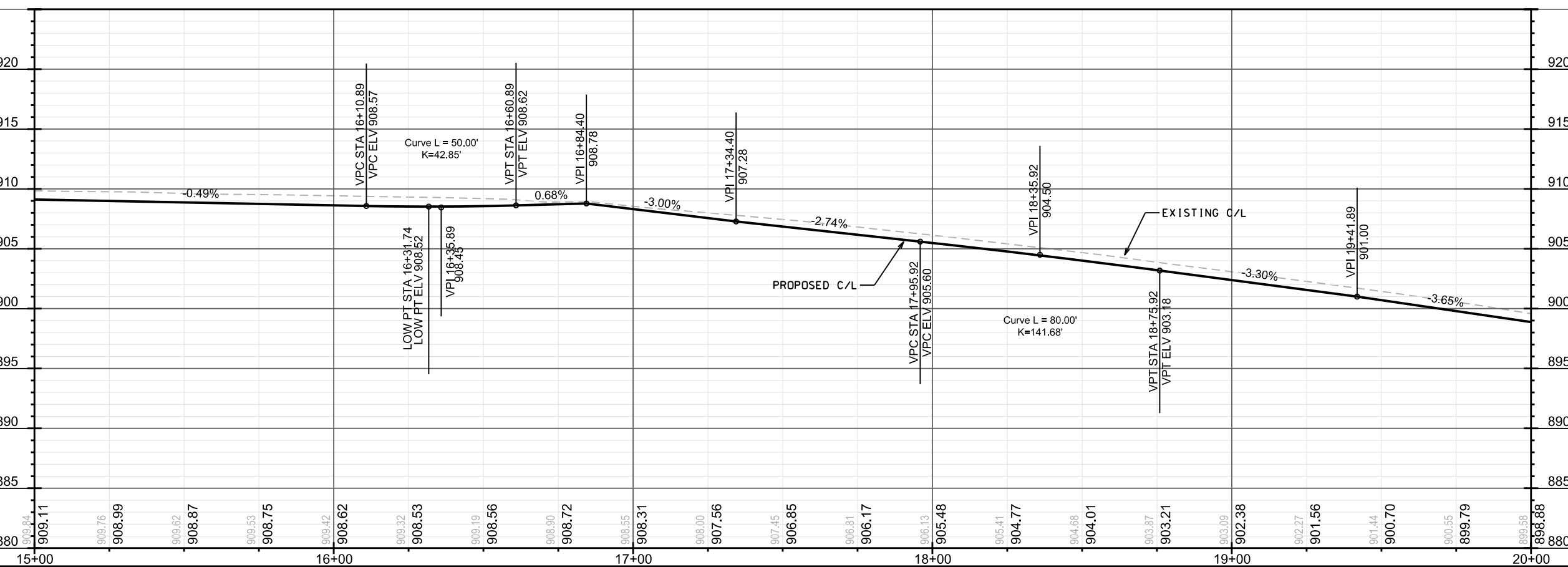
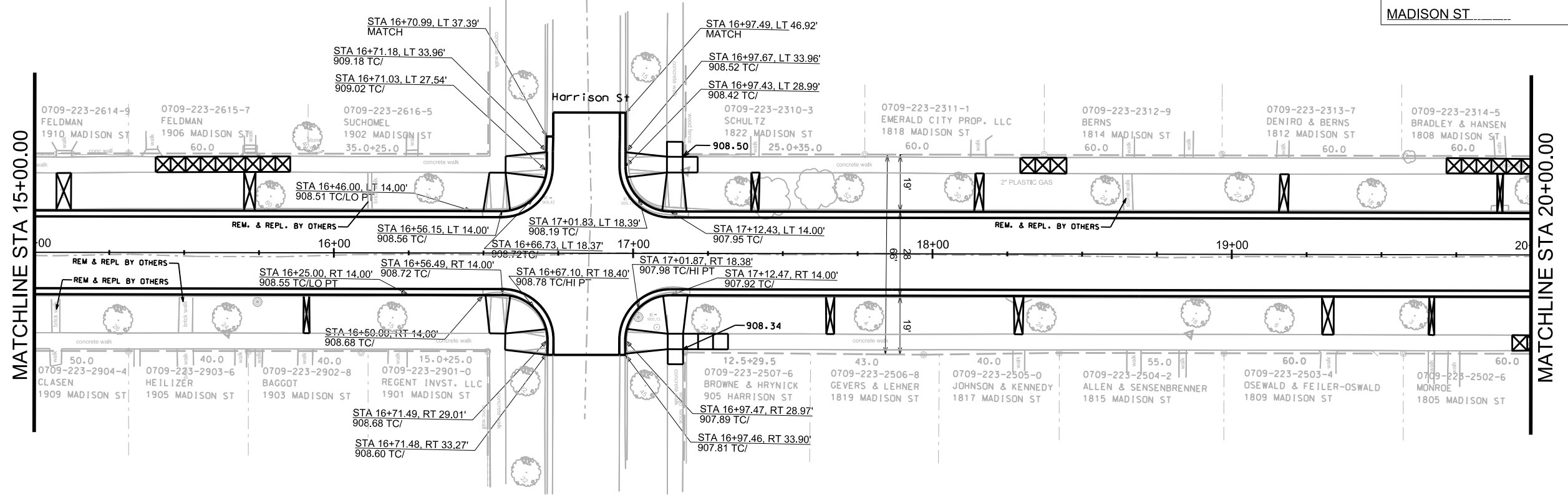
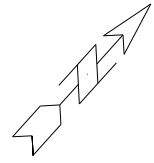


PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

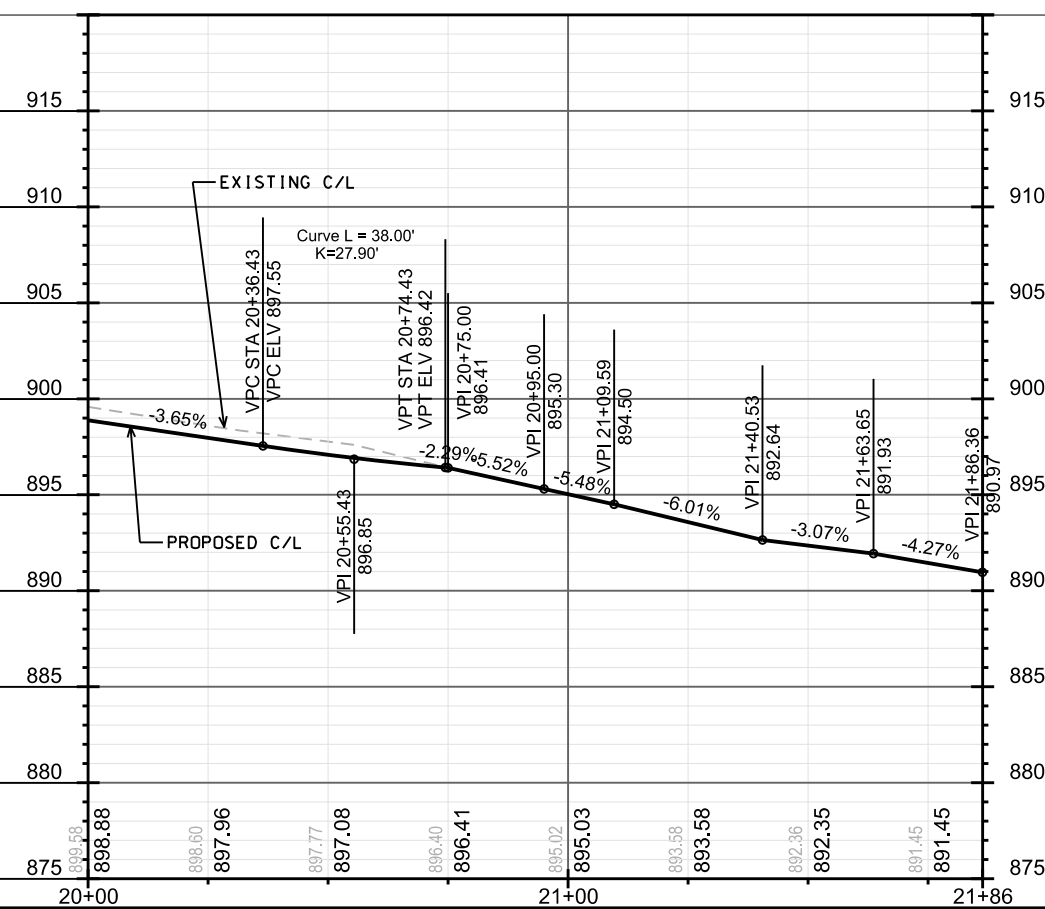
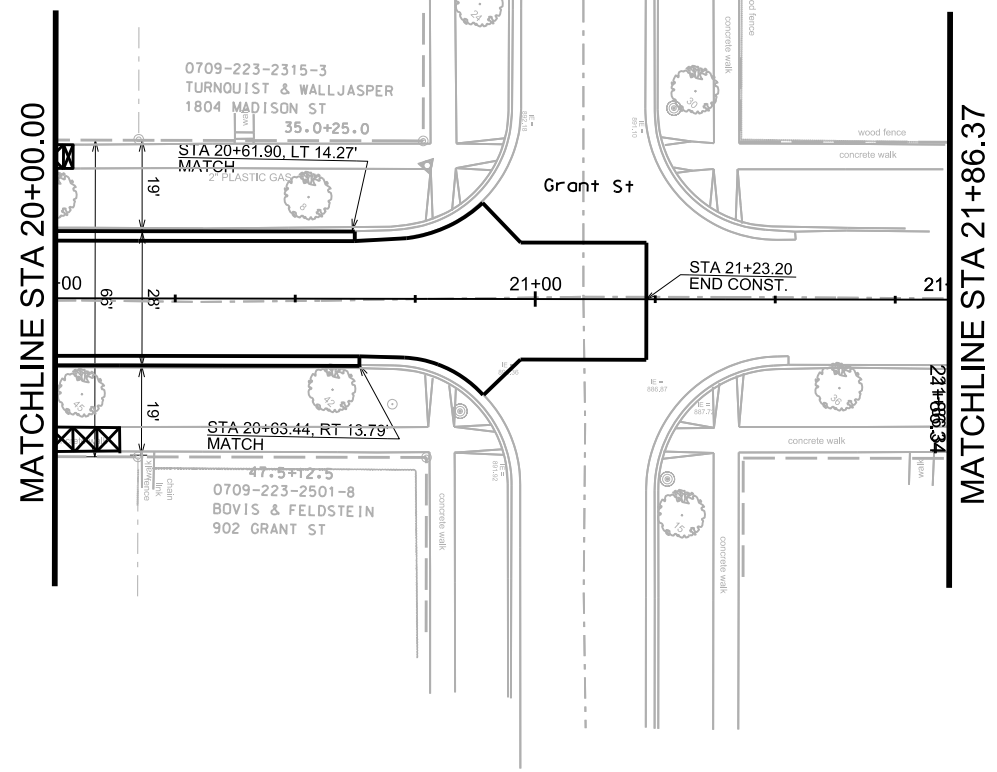
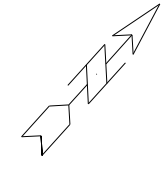


PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

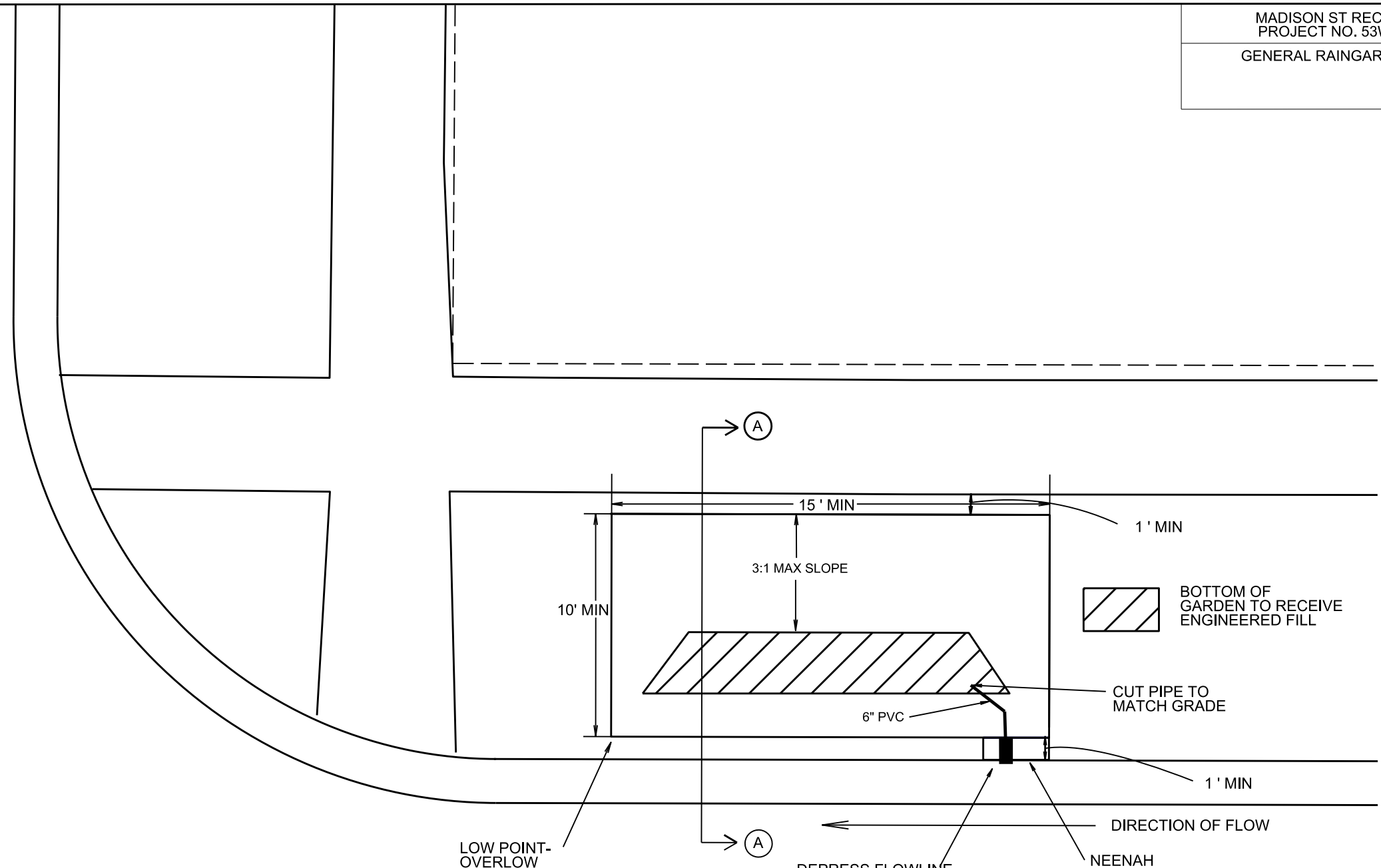
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLOT SCALE: _____

PLOT NAME: _____

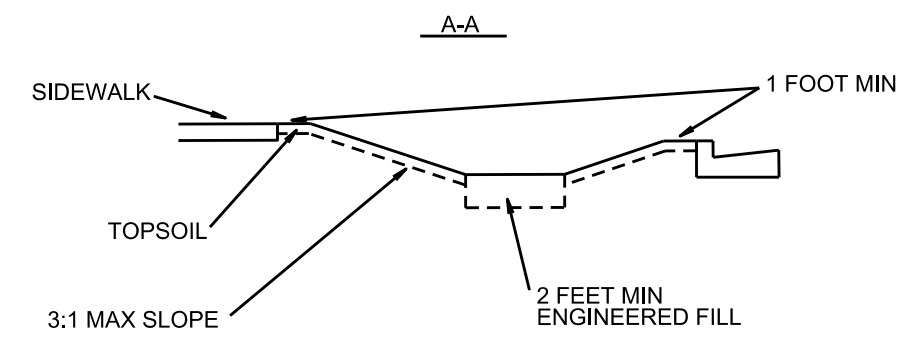
REV. DATE: _____

ORIGINATOR: CITY OF MADISON - STREETS DIVISION

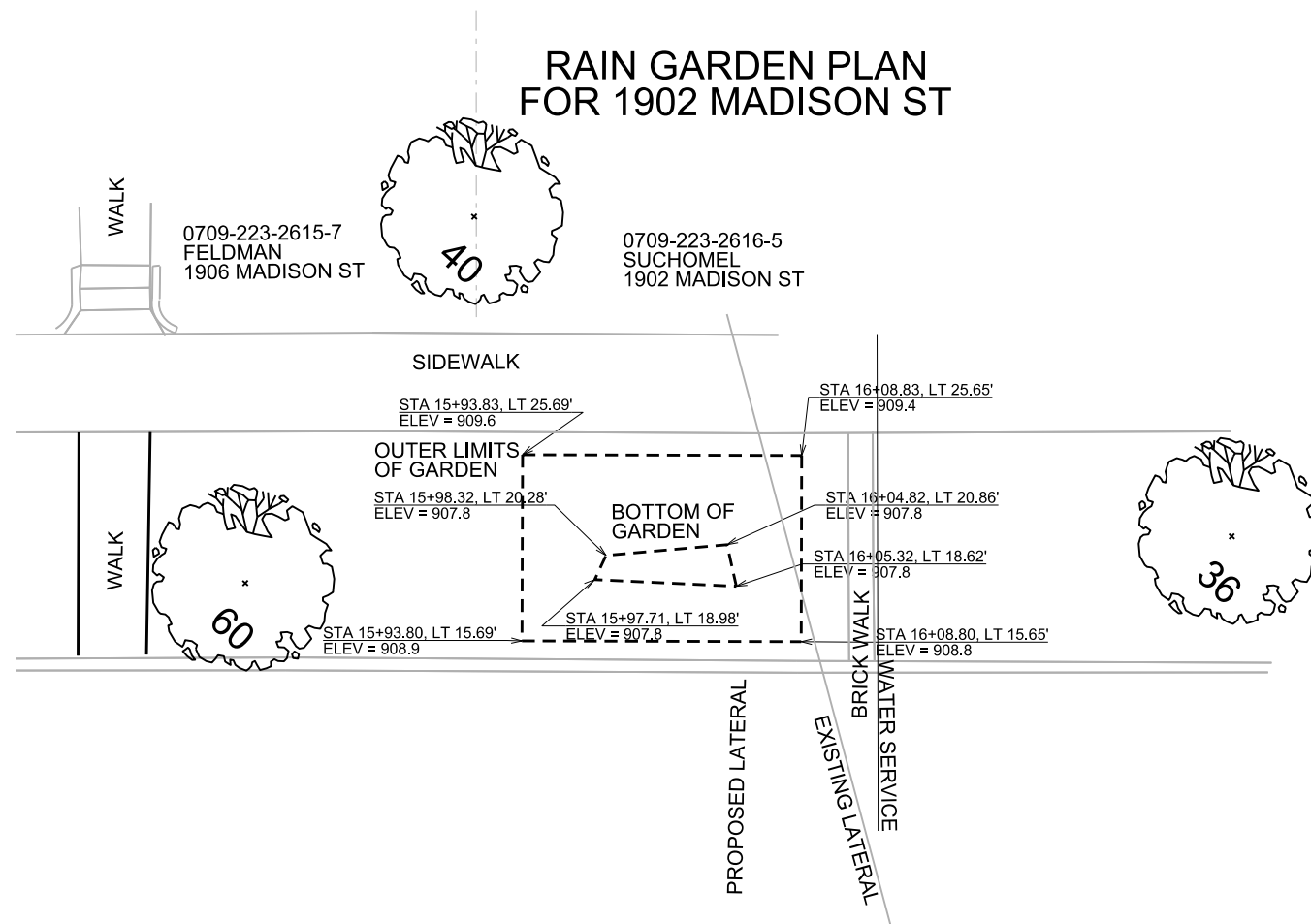


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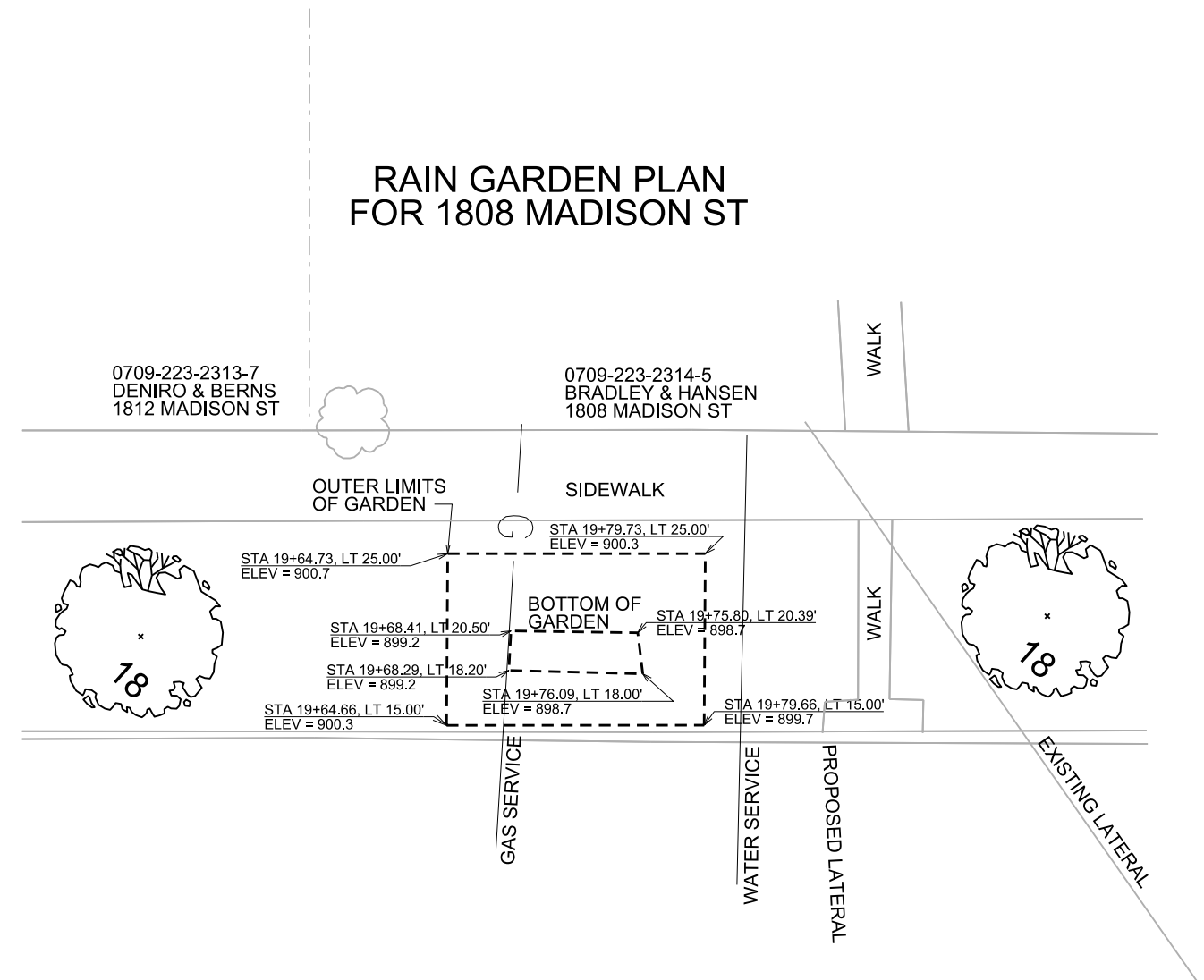
- RAINGARDENS SHALL BE A MINIMUM OF 10' X 15'.
- AREA SHALL BE EXCAVATED TO APPROX. 3' BELOW GRADE.
- TWO FEET OF ENGINEERED FILL SHALL BE PLACED IN RAINGARDEN.
- SIDES OF RAINGARDEN SHALL BE SLOPED TO A MAX OF 3:1.
- EROSION MATTING SHALL BE PLACED OVER RAINGARDEN AREA.
- RAINGARDEN TO BE PLANTED BY OTHERS.



RAIN GARDEN PLAN FOR 1902 MADISON ST



RAIN GARDEN PLAN FOR 1808 MADISON ST



SCALE: 1" = 10'

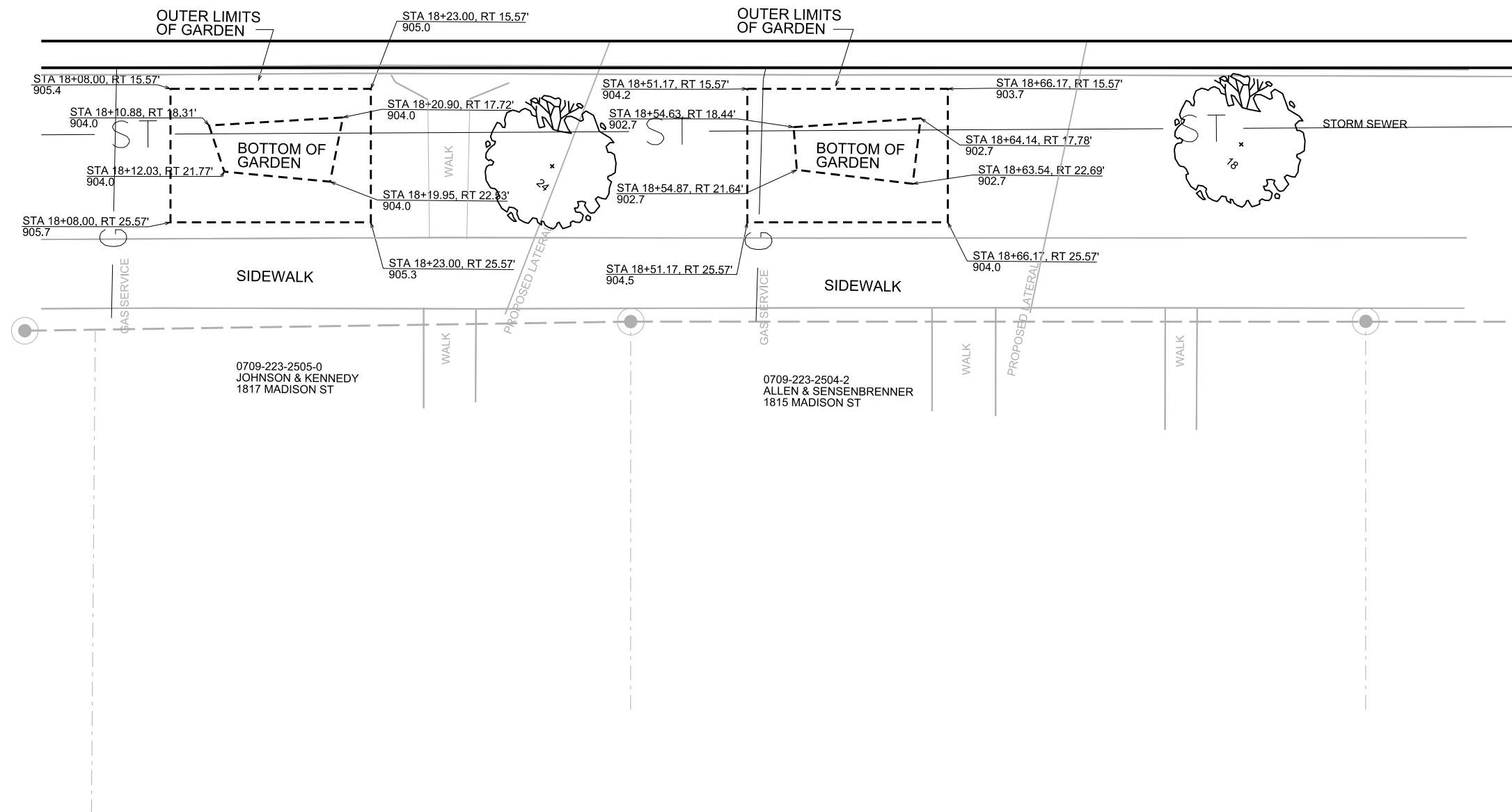
PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

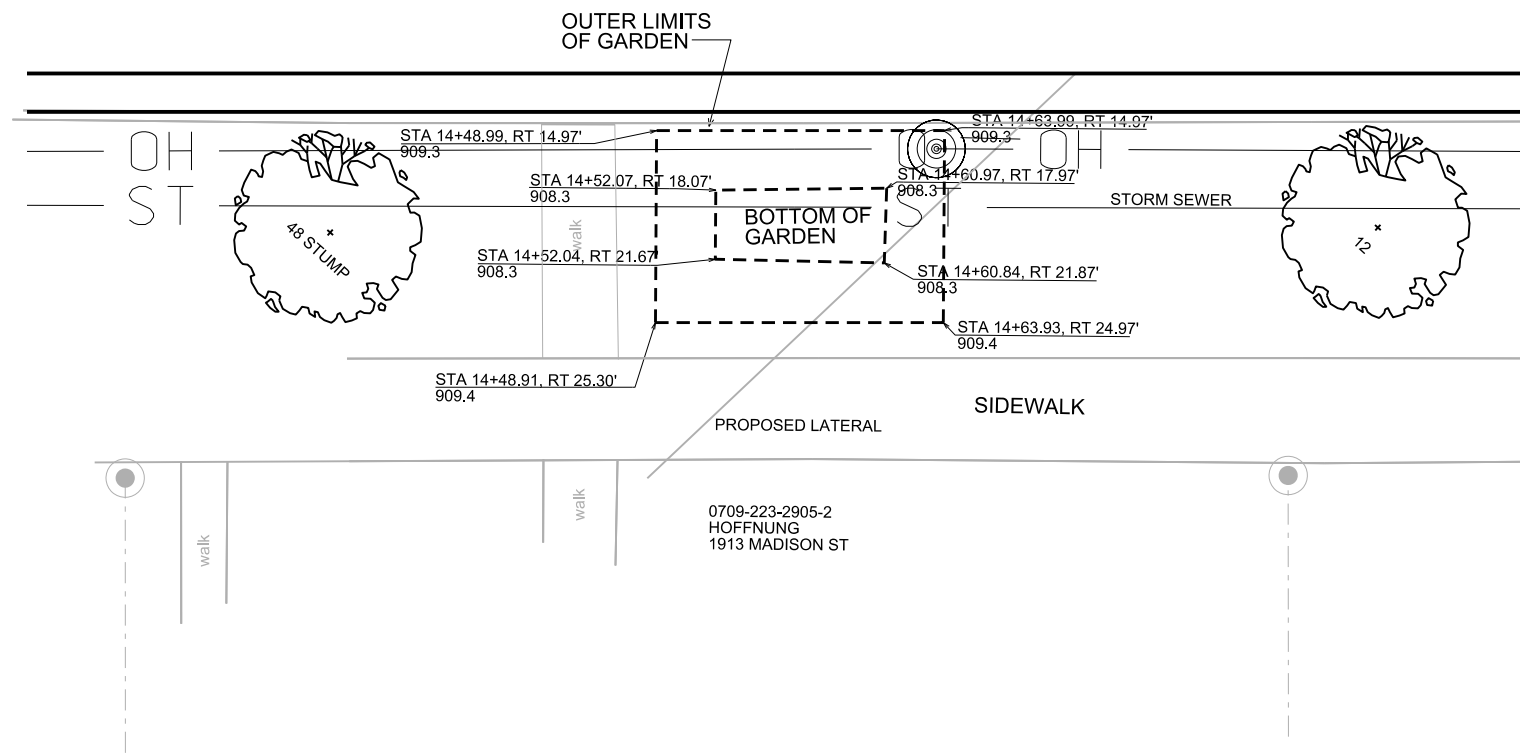
RAIN GARDEN PLAN FOR 1817 MADISON ST

RAIN GARDEN PLAN FOR 1815 MADISON ST

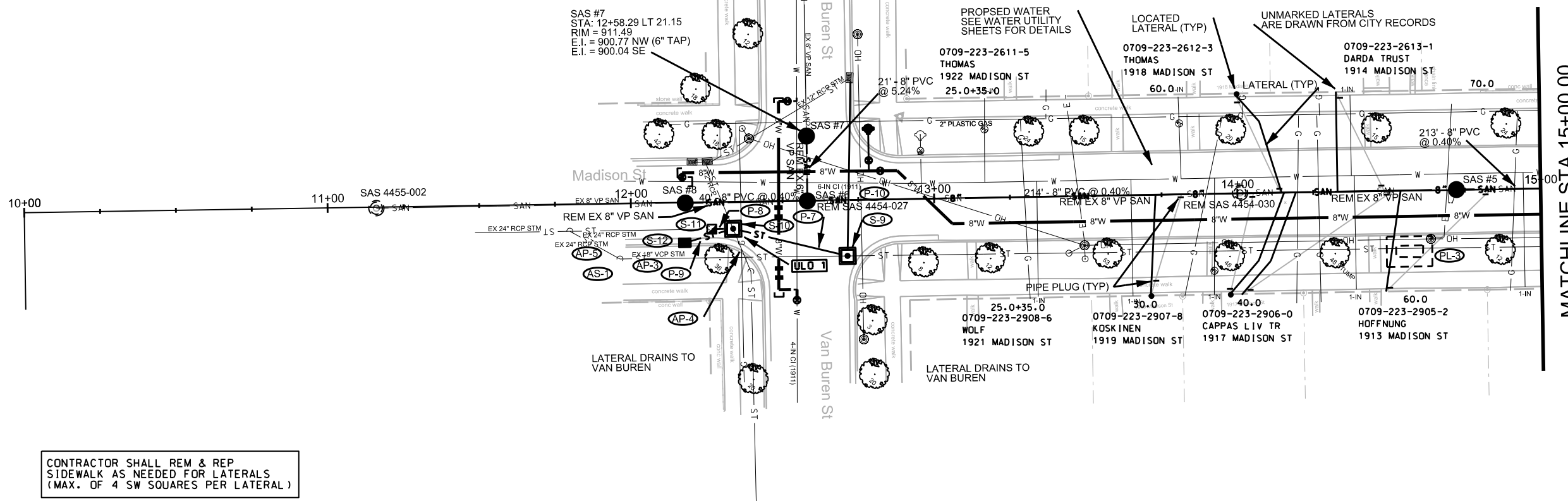
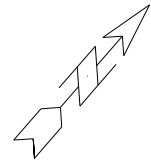


SCALE: 1" = 10'

RAIN GARDEN PLAN FOR 1913 MADISON ST

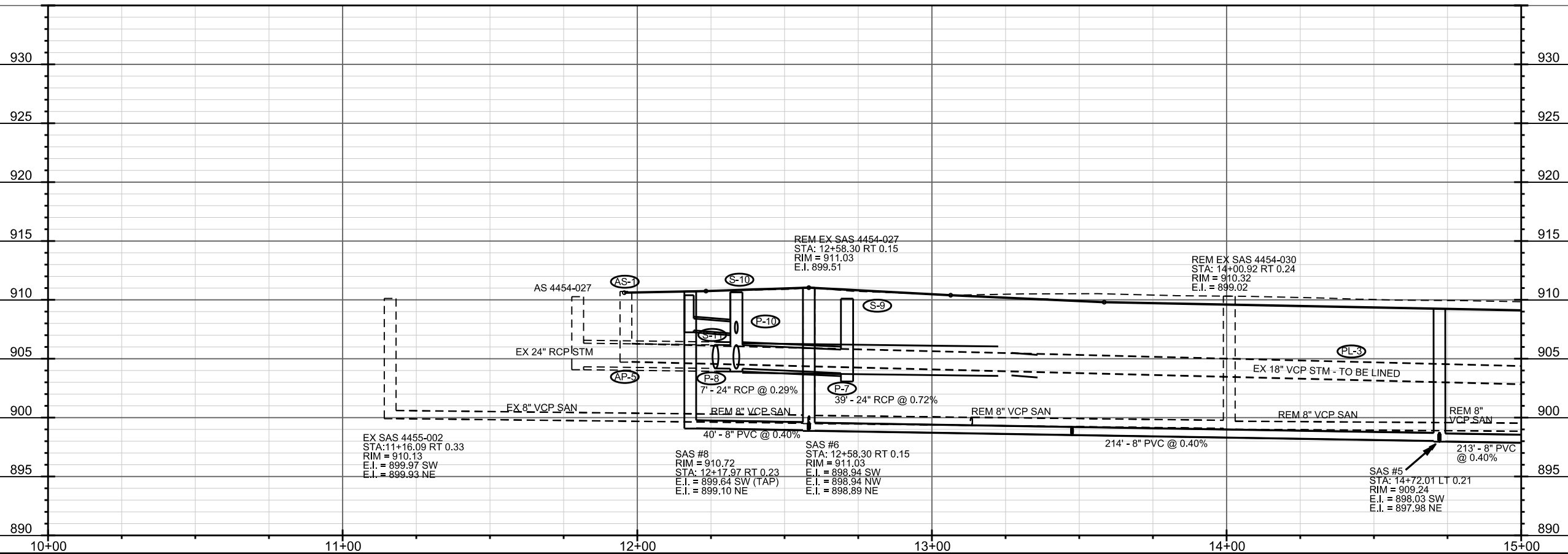


SCALE: 1" = 10'



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

MATCHLINE STA 15+00.00

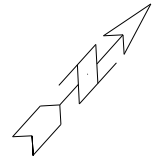


PLOT SCALE: _____

PLOT NAME: _____

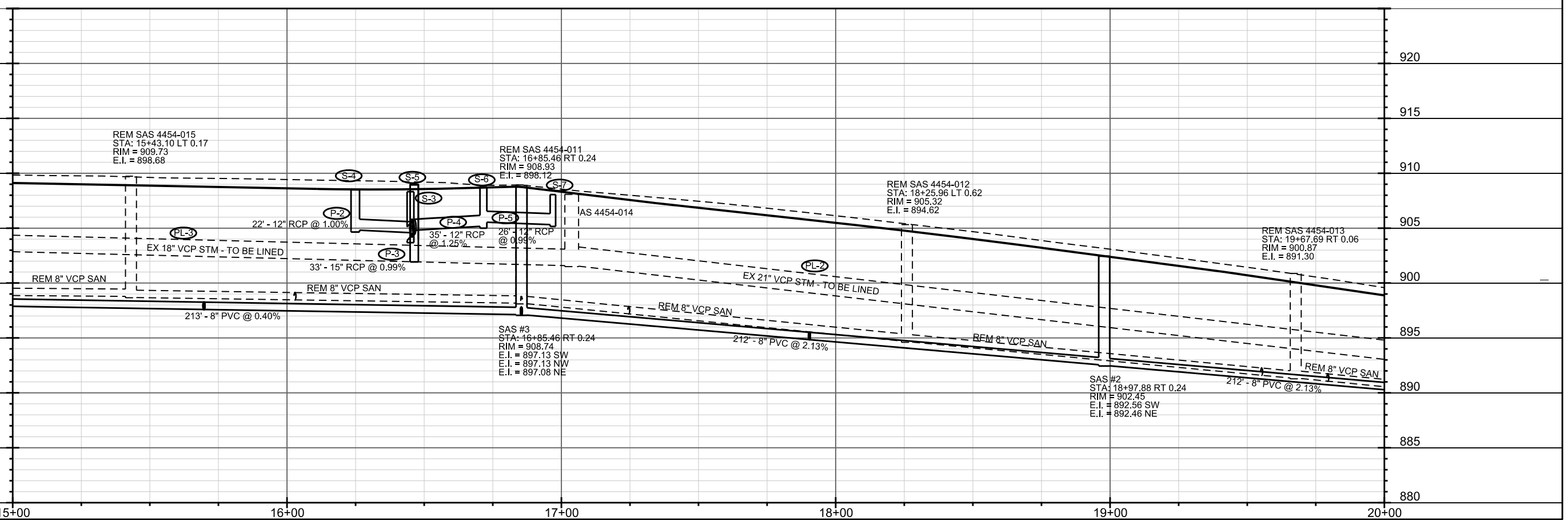
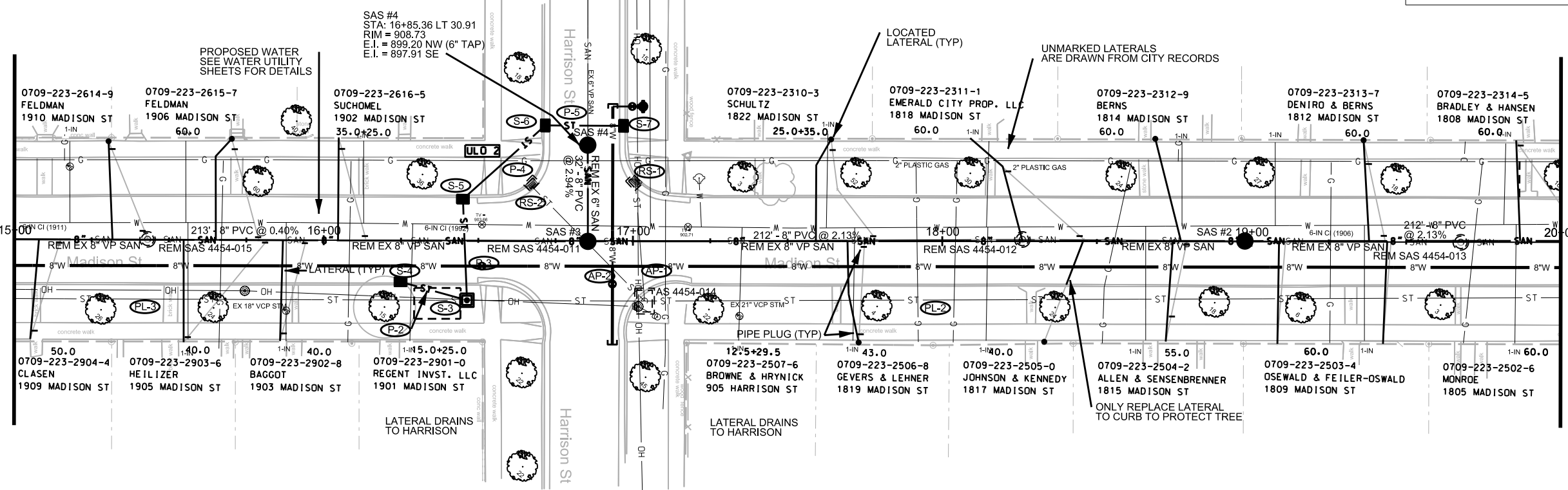
REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



MATCHLINE STA 15+00.00

MATCHLINE STA 20+00.00

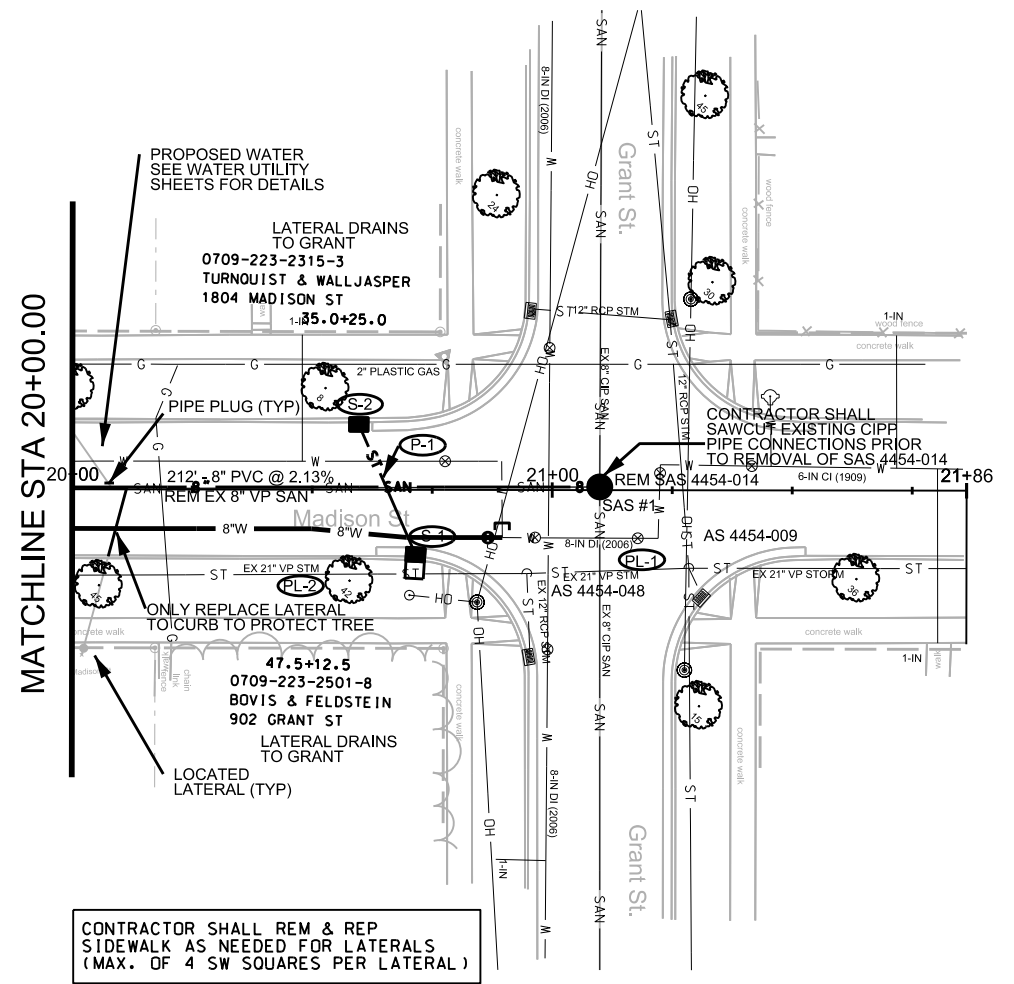
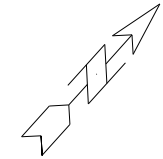


PLOT SCALE: _____

PLOT NAME: _____

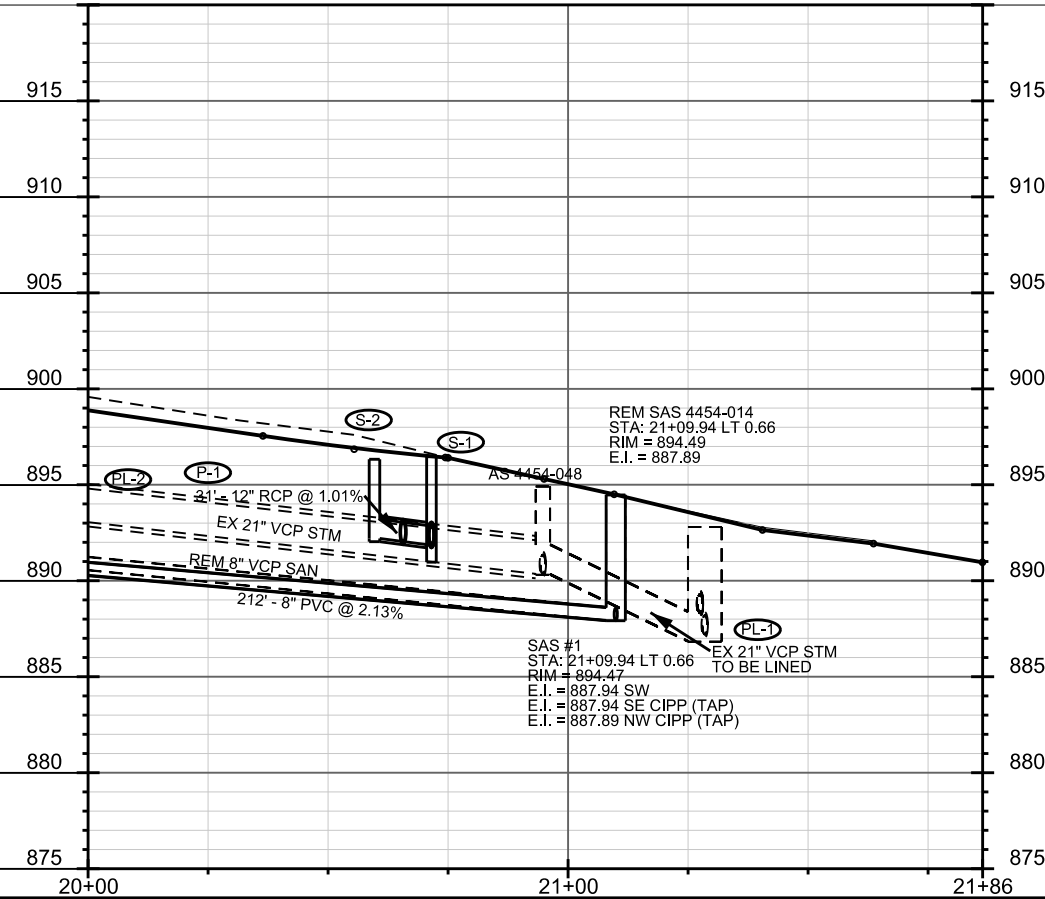
REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



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

MATCHLINE STA 20+00.00



REM SAS 4454-014
STA: 21+09.94 LT 0.66
RIM = 894.49
E.I. = 887.89

SAS #1
STA: 21+09.94 LT 0.66
RIM = 894.47
E.I. = 887.94 SW
E.I. = 887.94 SE CIPP (TAP)
E.I. = 887.89 NW CIPP (TAP)

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

SANITARY SEWER SCHEDULE

MADISON STREET RECONST.
PROJECT NO. 53W0613

SHEET NO.
U-4

SANITARY SEWER SCHEDULE CITY OF MADISON

STRUCTURES

| STRUC. NO. | STATION | LOCATION (OFFSET) | TYPE | TOP OF CASTING | E.I. | DEPTH NOTES |
|------------|----------|-------------------|--------|----------------|--------|-------------|
| SAS #1 | 21+09.94 | LT-.66 | 4' SAS | 894.47 | 887.94 | 6.53 |
| SAS #2 | 18+97.88 | RT-.24 | 4' SAS | 902.45 | 892.46 | 9.99 |
| SAS #3 | 16+85.46 | RT-.24 | 4' SAS | 908.74 | 897.08 | 11.66 |
| SAS #4 | 16+85.36 | LT-30.91 | 4' SAS | 908.73 | 897.91 | 10.82 |
| SAS #5 | 14+72.01 | LT-.21 | 4' SAS | 909.24 | 897.98 | 11.26 |
| SAS #6 | 12+58.30 | RT-.15 | 4' SAS | 911.03 | 898.89 | 12.14 |
| SAS #7 | 12+58.29 | LT-21.15 | 4' SAS | 911.49 | 900.04 | 11.45 |
| SAS #8 | 12+17.97 | RT-.23 | 4' SAS | 910.72 | 899.10 | 11.62 |

PIPES

| FROM (DNSTM) | TO (UPSTM) | LGTH (FT) | DISCH. E.I. | INLET E.I. | SLOPE (%) | PIPE SIZE | TYPE | NOTES |
|--------------|------------|-----------|-------------|------------|-----------|-----------|------|--------|
| SAS #1 | SAS #2 | 212 | 887.94 | 892.46 | 2.13% | 8" | PVC | SDR-35 |
| SAS #2 | SAS #3 | 212 | 892.56 | 897.08 | 2.13% | 8" | PVC | SDR-35 |
| SAS #3 | SAS #4 | 32 | 897.13 | 898.07 | 2.94% | 8" | PVC | SDR-35 |
| SAS #3 | SAS #5 | 213 | 897.13 | 897.98 | 0.40% | 8" | PVC | SDR-35 |
| SAS #5 | SAS #6 | 214 | 898.03 | 898.89 | 0.40% | 8" | PVC | SDR-35 |
| SAS #6 | SAS #7 | 21 | 898.94 | 900.04 | 5.24% | 8" | PVC | SDR-35 |
| SAS #6 | SAS #8 | 40 | 898.94 | 899.10 | 0.40% | 8" | PVC | SDR-35 |

SANITARY STRUCTURE REMOVALS

| STRUC. NO. | STATION | LOCATION (OFFSET) | TOP OF CASTING | E.I. | DEPTH |
|--------------|----------|-------------------|----------------|--------|-------|
| SAS 4454-014 | 21+10.04 | LT-.47 | 894.49 | 887.84 | 6.65 |
| SAS 4454-013 | 19+67.69 | RT-.06 | 900.87 | 891.30 | 9.57 |
| SAS 4454-012 | 18+25.96 | LT-.62 | 905.32 | 894.62 | 10.70 |
| SAS 4454-011 | 16+85.46 | RT-.24 | 908.93 | 898.12 | 10.81 |
| SAS 4454-015 | 15+43.10 | LT-.17 | 909.73 | 898.68 | 11.05 |
| SAS 4454-030 | 14+00.92 | RT-.24 | 910.32 | 899.02 | 11.30 |
| SAS 4454-027 | 12+58.30 | RT-.15 | 911.03 | 899.51 | 11.52 |

SANITARY PIPE REMOVALS

| FROM (DNSTM) | TO (UPSTM) | LGTH (FT) | PIPE SIZE | TYPE | PAID (Y/N) |
|--------------|--------------|-----------|-----------|------|------------|
| SAS 4454-014 | SAS 4454-013 | 142 | 8" | VCP | N |
| SAS 4454-013 | SAS 4454-012 | 142 | 8" | VCP | N |
| SAS 4454-012 | SAS 4454-011 | 141 | 8" | VCP | N |
| SAS 4454-011 | SAS #4 | 32 | 6" | VCP | N |
| SAS 4454-011 | SAS 4454-015 | 142 | 8" | VCP | N |
| SAS 4454-015 | SAS 4454-030 | 142 | 8" | VCP | N |
| SAS 4454-030 | SAS 4454-027 | 143 | 8" | VCP | N |
| SAS 4454-027 | SAS #7 | 27 | 6" | VCP | N |
| SAS 4454-027 | SAS #8 | 40 | 8" | VCP | N |

STANDARD NOTES:

- ALL SHOP DRAWINGS SHALL BE SUBMITTED TO CITY ENGINEERING FOR APPROVAL. CONTACT SALLY SWENSON OF CITY ENGINEERING AT (608) 266-4862 OR sswenson@cityofmadison.com.

STORM SEWER SCHEDULE

* REV 7-24-12 SCS
** REV 8-13-12 SCS

MADISON ST RECONST.
PROJECT NO. 53W0613

SHEET NO.
U-5

STORM SEWER SCHEDULE CITY OF MADISON

PROPOSED STORM STRUCTURES

| STRUC. NO. | STATION | LOCATION (OFFSET) | TYPE | TOP OF CASTING | E.I. | DEPTH | NOTES |
|------------|----------|-------------------|-----------------|----------------|--------|-------|---------------------------|
| S-1 | 20+71.44 | RT-13.91 | 3X6 SAS | 896.46 | 890.97 | 5.49 | FP, (1), W/ R-3067-7004-V |
| S-2 | 20+59.71 | LT-14.09 | H INLET | 896.20 | 892.20 | 4.00 | W/ R-3067-7004-V |
| S-3 | 16+46.40 | RT-19.40 | 3X3 SAS | 908.96 | 901.92 | 7.04 | FP, W/ R-1550.0054 |
| S-4 | 16+24.92 | RT-14.47 | H INLET | 908.55 | 904.81 | 3.74 | W/ R-3067-7004 |
| S-5 | 16+45.05 | LT-14.37 | H INLET | 908.51 | 904.51 | 4.00 | W/ R-3067-7004 |
| S-6 | 16+70.63 | LT-37.25 | H INLET | 909.22 | 905.20 | 4.02 | W/ R-3067-7004-V |
| S-7 | 16+97.93 | LT-37.16 | H INLET | 908.56 | 905.56 | 3.00 | W/ R-3067-7004-V |
| S-8 | 13+37.76 | RT-21.25 | 3X3 SAS | 909.93 | 903.62 | 6.31 | FP, W/ R-1550-0054 |
| * S-9 | 12+71.18 | RT-18.50 | 4X4 SAS | 910.10 | 903.07 | 7.03 | W/ R-1550-0054 |
| S-10 | 12+33.48 | RT-11.95 | 4X4 SAS | 910.65 | 904.06 | 6.59 | W/ R-1550-0054 |
| S-11 | 12+26.60 | RT-11.92 | CONCRETE COLLAR | -- | 904.18 | -- | |
| S-14 | 12+17.66 | RT-17.30 | H INLET | 910.91 | 907.41 | 3.50 | W/ R-3067-7004-V |

PROPOSED STORM PIPES

| PIPE NO. | FROM (DNSTM) | TO (UPSTM) | LGTH (FT) | DISCH. E.I. | INLET E.I. | SLOPE (%) | PIPE SIZE | TYPE | NOTES |
|----------|--------------|------------|-----------|-------------|------------|-----------|-----------|------|-------------|
| P-1 | S-1 | S-2 | 30.8 | 891.89 | 892.20 | 1.01% | 12" | RCP | NCM |
| P-2 | S-3 | S-4 | 22.1 | 904.59 | 904.81 | 1.00% | 12" | RCP | NCM |
| P-3 | S-3 | S-5 | 33.3 | 904.18 | 904.51 | 0.99% | 15" | RCP | NCM |
| P-4 | S-5 | S-6 | 35.2 | 904.76 | 905.20 | 1.25% | 12" | RCP | |
| P-5 | S-6 | S-7 | 26.2 | 905.30 | 905.56 | 0.99% | 12" | RCP | |
| * P-6 | S-8 | S-9 | 16.3 | 903.62 | 903.79 | 1.04% | 18" | RCP | NCM AT S-14 |
| * P-7 | S-9 | S-10 | 38.7 | 903.78 | 904.06 | 0.72% | 24" | RCP | |
| P-8 | S-10 | S-11 | 7.0 | 904.16 | 904.18 | 0.29% | 24" | RCP | |
| P-9 | S-10 | S-12 | 16.7 | 907.16 | 907.41 | 1.50% | 12" | RCP | NCM AT S-12 |
| ** P-10 | IN 4454-033 | S-9 | 58.5 | 906.66 | 907.83 | 2.00% | 12" | RCP | NCM |

STORM STRUCTURE REMOVALS/ABANDONMENTS

| REMOVAL NO. | STRUC. NO. | STATION | LOCATION (OFFSET) | TYPE | DEPTH | NOTES |
|-------------|-------------|----------|-------------------|---------|-------|-------------|
| RS-1 | IN 4454-018 | 17+00.94 | LT-19.36 | H INLET | 2.86 | REMOVAL |
| RS-2 | IN 4454-019 | 16+66.86 | RT-15.86 | H INLET | 3.26 | REMOVAL |
| AS-1 | AS 4454-029 | 11+96.13 | RT-18.36 | 4X4 | 5.95 | ABANDONMENT |

STORM PIPE REMOVALS/ABANDONMENTS

| ABDN. NO. | FROM (DNSTM) | TO (UPSTM) | LGTH (FT) | TYPE | NOTES |
|-----------|--------------|-------------|-----------|---------|------------------------------------|
| AP-1 | RS-2 | RS-1 | 38.8 | 12" VP | ABDN: PIPE PLUGS BOTH ENDS, SLURRY |
| AP-2 | RS-3 | RS-1 | 52.8 | 12" VP | ABDN: PIPE PLUGS BOTH ENDS, SLURRY |
| * AP-3 | S-9 | AS-1 | 75.3 | 18" VP | ABDN: PIPE PLUGS BOTH ENDS, SLURRY |
| AP-4 | IN 4454-035 | S-12 | 15.2 | 12" RCP | ABDN: PIPE PLUGS ONLY |
| AP-5 | AS-1 | AS 4454-027 | 18.8 | 24" RCP | ABDN: PIPE PLUGS ONLY |

UTILITY LINE OPENINGS

| ULO NO. | STATION | LOCATION (OFFSET) | TYPE |
|---------|----------|-------------------|------|
| ULO 1 | 12+36.27 | RT-8.97 | GAS |
| ULO 2 | 16+58.82 | LT-25.81 | GAS |

STORM PIPE LINING SEGMENTS

| PIPE NO. | FROM (DNSTM) | TO (UPSTM) | LGTH (FT) | PIPE SIZE | TYPE |
|----------|--------------|-------------|-----------|-----------|------|
| PL-1 | AS 4454-009 | AS 4454-048 | 33.8 | 21" | VCP |
| PL-2 | AS 4454-048 | AS 4454-014 | 391.0 | 21" | VCP |
| * PL-3 | AS 4454-014 | S-9 | 432.6 | 18" | VCP |

SPECIFIC NOTES

(1) STATIONING, LOCATION AND ELEVATION ARE TO TOC OF H INLET

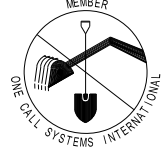
STANDARD NOTES:

- 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 CONC
- 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 SALLY SWENSON OF CITY ENGINEERING AT (608) 266-4862 OR sswenson@cityofmadison.com.

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

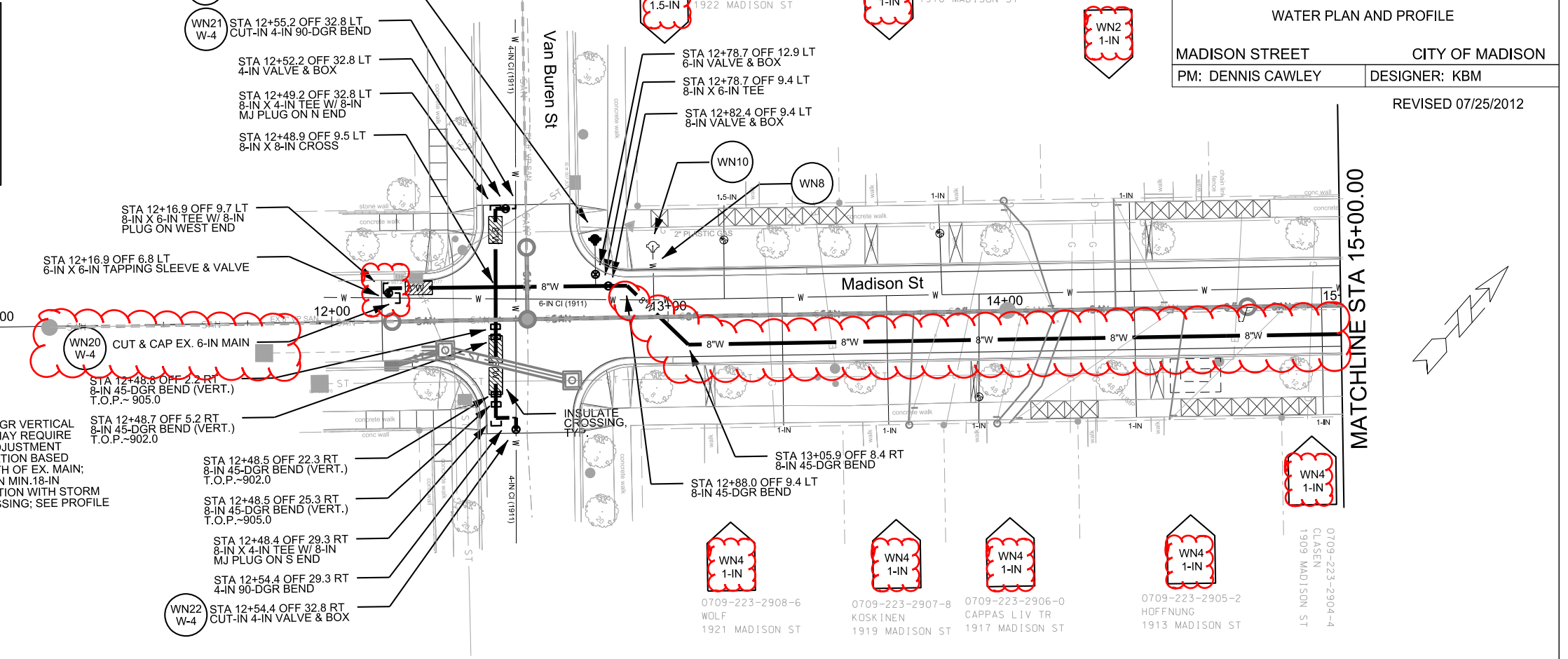
CALL DIGGERS HOTLINE TOLL FREE 811 OR 1-800-242-8511
FAX-A-LOCATE 1-800-338-3880
TDD (FOR HEARING IMPAIRED) 1-800-542-2289

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



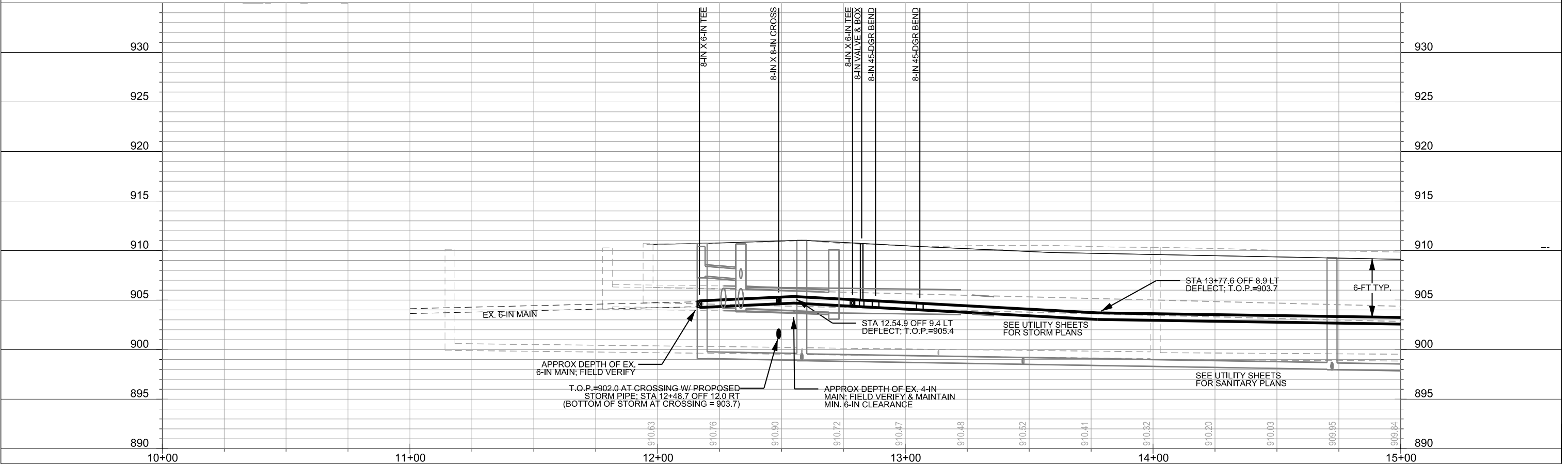
SUMMARY OF 07/25/2012 REVISIONS:

- MOVED WATER MAIN TO SOUTH CORRIDOR ON MADISON FROM ~STA 13+00 TO GRANT;
- ADDED (2) 45-DGR BENDS AT STA 13+00 +/-
- CHANGED WN2 TO WN4 ON SOUTH; WN4 TO WN2 ON NORTH SIDES OF MADISON
- CHANGED WN20 TO CUT & CAP EX. MAIN; CONNECTION TO LIVE TAP & LOCATION WEST TO PAVING LIMITS



NOTE:
8-IN 45-DGR VERTICAL BENDS MAY REQUIRE FIELD ADJUSTMENT OF LOCATION BASED ON DEPTH OF EX. MAIN; MAINTAIN MIN. 18-IN SEPARATION WITH STORM AT CROSSING; SEE PROFILE

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



WATER PLAN AND PROFILE

MADISON STREET CITY OF MADISON
PM: DENNIS CAWLEY DESIGNER: KBM
REVISED 7/25/2012

TO OBTAIN LOCATION OF PARTICIPANTS' UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN
CALL DIGGERS HOTLINE TOLL FREE
811 OR 1-800-242-8511
FAX-A-LOCATE 1-800-338-3860
TDD (FOR HEARING IMPAIRED) 1-800-542-2289

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

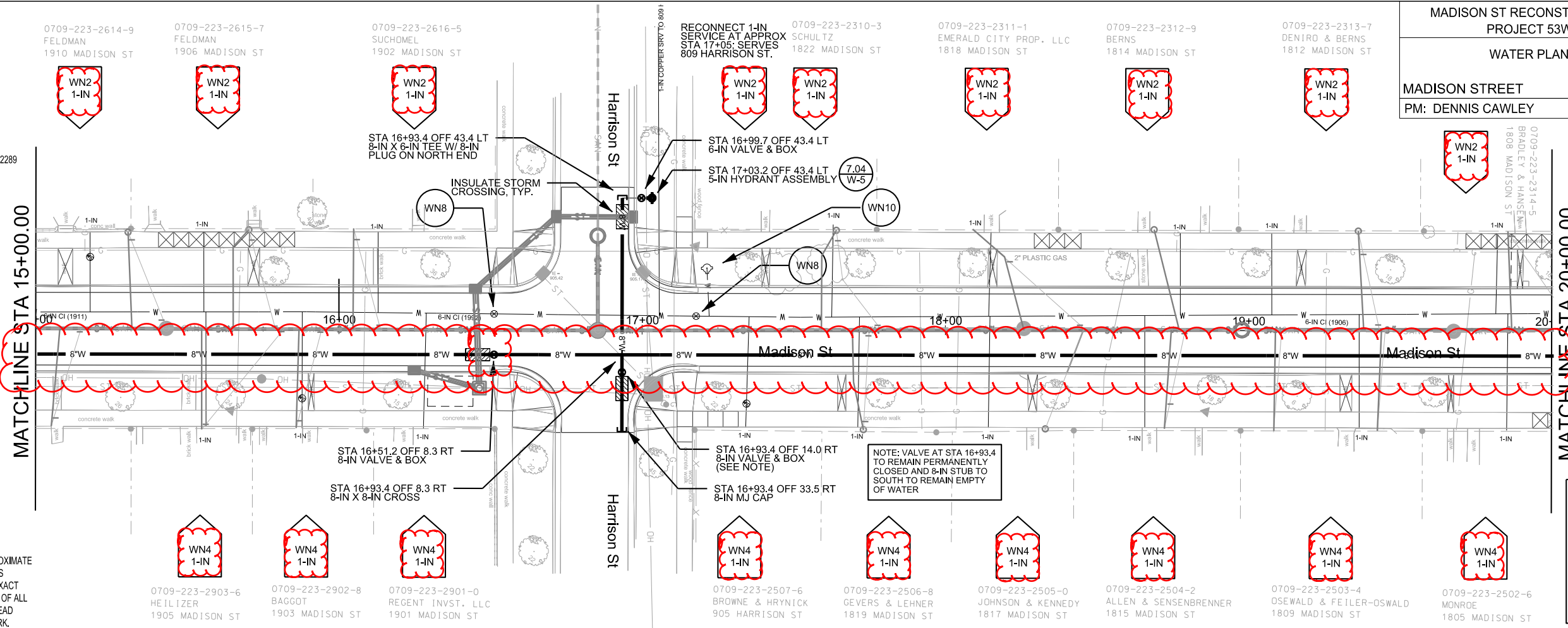


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PLOT NAME: _____

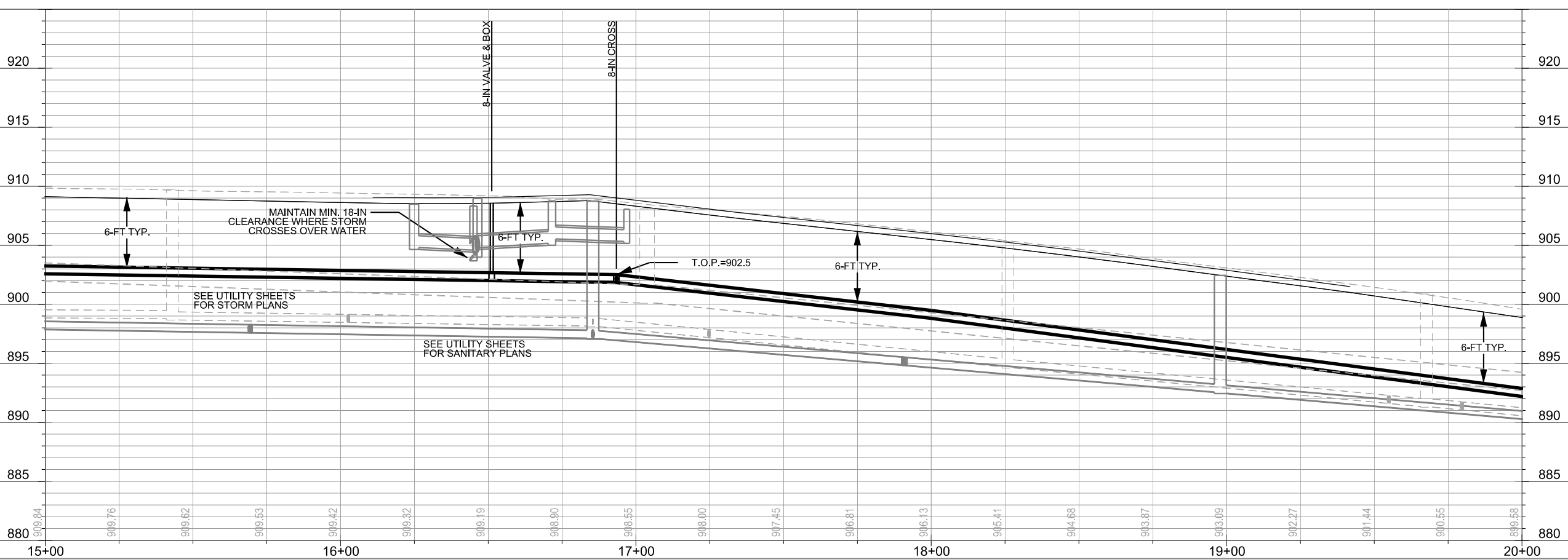
REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



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

SUMMARY OF 7/25/2012 REVISIONS:
- MOVED WATER MAIN TO SOUTH CORRIDOR ON MADISON
- CHANGED WN2 TO WN4 ON SOUTH; WN4 TO WN2 ON NORTH SIDES OF MADISON
- MOVED 8-IN VALVE WEST TO STA 16+51.2



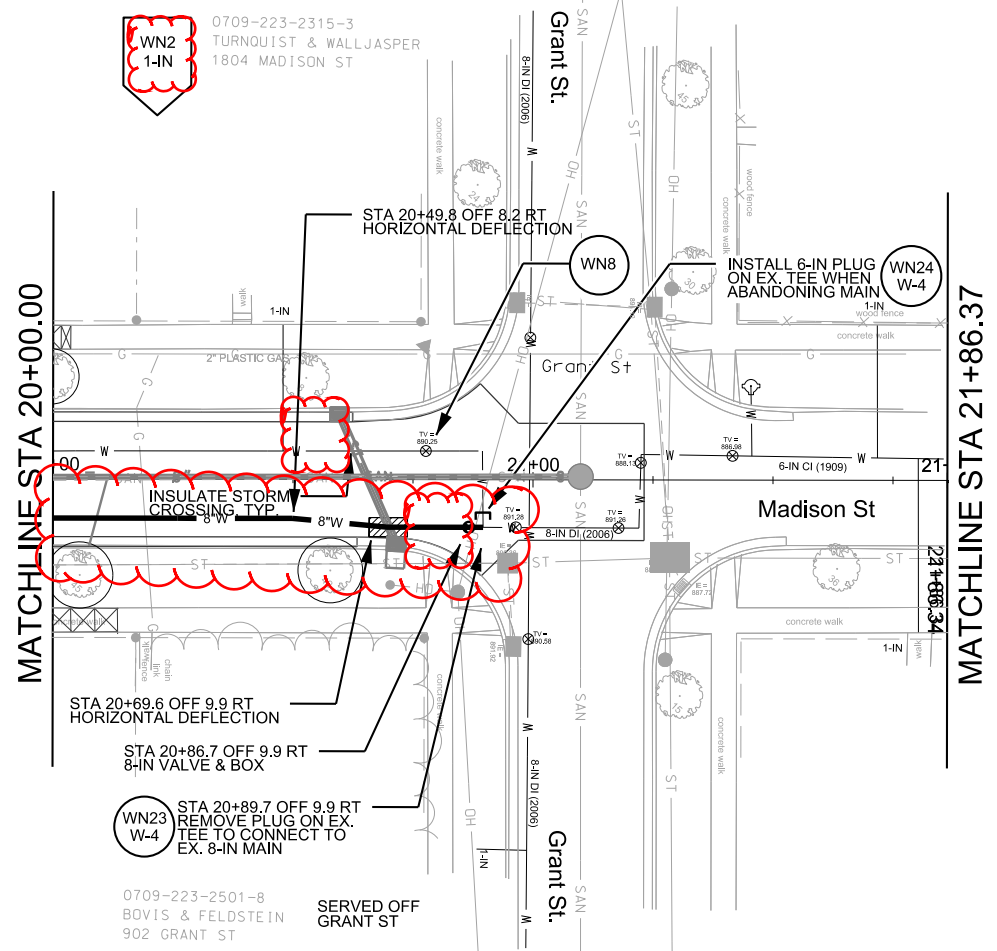
WATER PLAN AND PROFILE

MADISON STREET CITY OF MADISON

PM: DENNIS CAWLEY DESIGNER: KBM

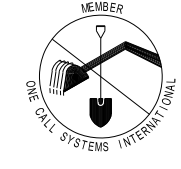
REVISED 07/25/2012

SUMMARY OF 07/25/2012 REVISIONS:
 - MOVED WATER MAN TO SOUTH CORRIDOR ON MADISON
 - CHANGED WN4 TO WN2 AT 1804 MADISON
 - DELETED (4) 45-DGR BENDS VERTICAL AND (2) 45-DGR BENDS HORIZONTAL B/W STA 20+50 AND STA 21+00

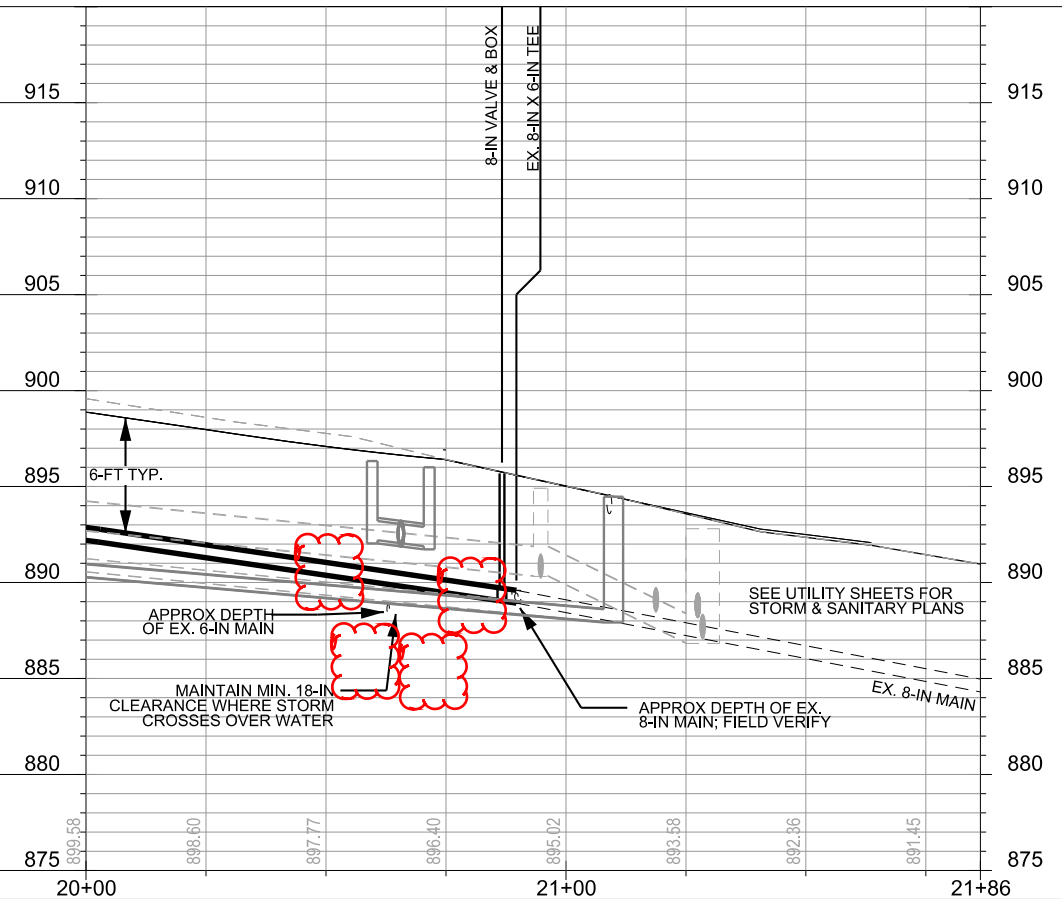


TO OBTAIN LOCATION OF PARTICIPANTS' UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN
 CALL DIGGERS HOTLINE TOLL FREE
 811 OR 1-800-242-8511
 FAX-A-LOCATE 1-800-338-3860
 TDD (FOR HEARING IMPAIRED) 1-800-542-2289

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



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



PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

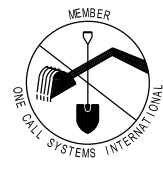
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

REVISED 07/25/2012

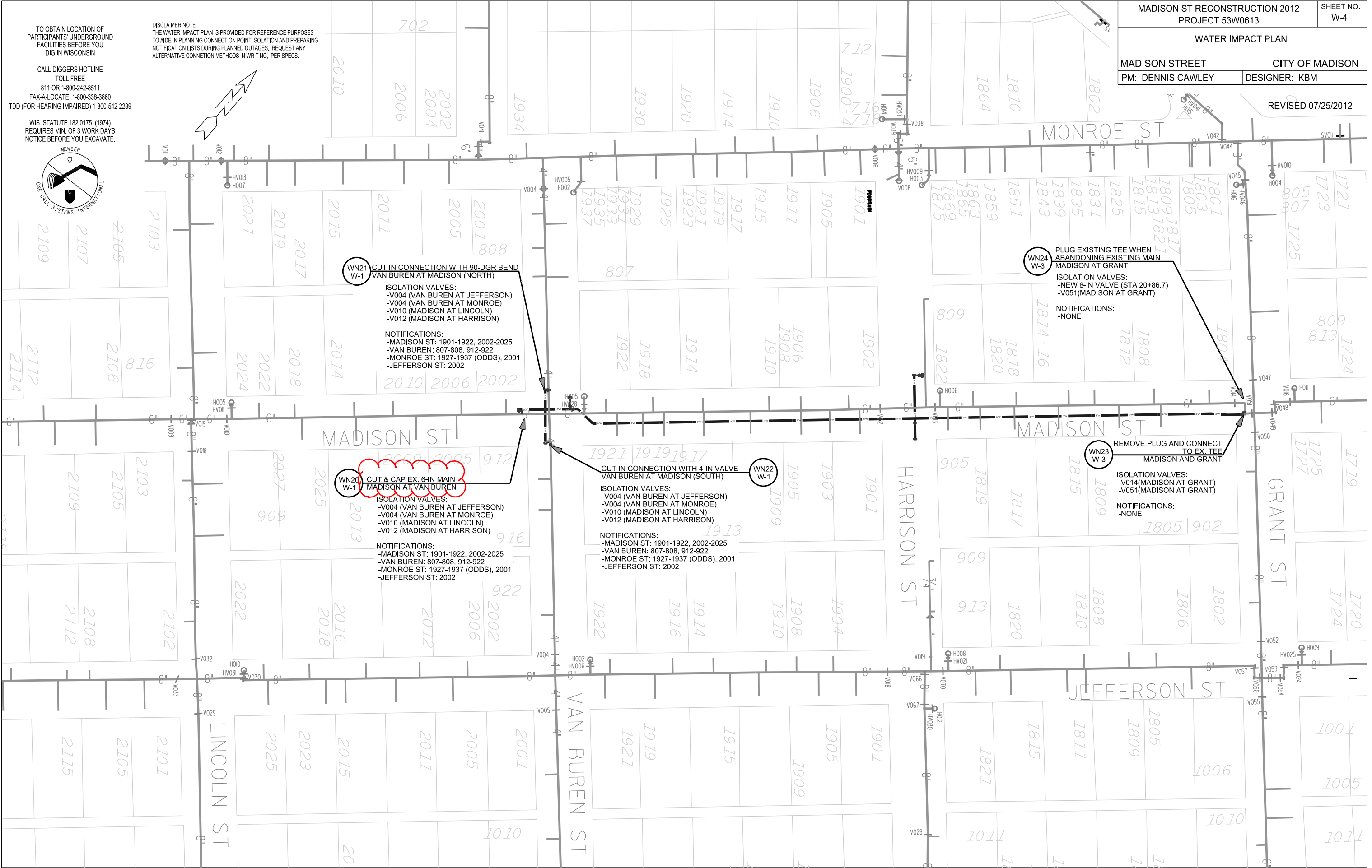
TO OBTAIN LOCATION OF PARTICIPANTS' UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN
 CALL DIGGERS HOTLINE TOLL FREE 811 OR 1-800-242-8511
 FAX-A-LOCATE 1-800-338-3860
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DISCLAIMER NOTE: THE WATER IMPACT PLAN IS PROVIDED FOR REFERENCE PURPOSES TO AIDE IN PLANNING CONNECTION POINT ISOLATION AND PREPARING NOTIFICATION LISTS DURING PLANNED OUTAGES. REQUEST ANY ALTERNATIVE CONNETION METHODS IN WRITING, PER SPECS.

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



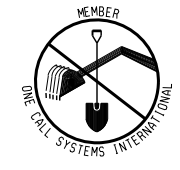
PLOT SCALE: _____
 PLOT NAME: _____
 REV. DATE: _____



REVISED 7/25/2012

CONSTRUCTION NOTES:

- CONSTRUCT NEW WATER MAIN 6.0' BELOW FINISHED GRADE, UNLESS OTHERWISE NOTED. INSULATE MAIN WITH POLYSTYRENE BOARD AT UTILITY CROSSINGS OR OTHER AREAS IDENTIFIED BY ENGINEER AS HAVING INADEQUATE COVER.
 - VERIFY SIZE OF EXISTING WATER SERVICES AND RECONNECT SERVICES AS INDICATED.
 - MINIMIZE DISTRUPTION OF SERVICE TO EXISTING CUSTOMERS. NOTIFY PER CONTRACT REQUIREMENTS OF ANY PLANNED WATER OUTAGE.
 - EXISTING WATER MAIN SHALL REMAIN IN SERVICE UNTIL NEW WATER MAIN IS TESTED AND ACCEPTED BY MADISON WATER UTILITY AND ALL SERVICES ARE RECONNECTED.
 - THE EXISTING UTILITIES SHOWN ON THIS PLAN REPRESENT THE BEST INFORMATION AVAILABLE TO THE WATER UTILITY AT THE TIME OF PLAN PREPARATION. CONTRACTOR IS RESPONSIBLE FOR HAVING EACH UTILITY LOCATED PRIOR TO COMMENCING WORK.
- WN1 REPLACE THE EXISTING LEAD SERVICE WITH A NEW COPPER SERVICE.
 - WN2 EXTEND AND RECONNECT THE EXISTING COPPER SERVICE TO THE NEW WATER MAIN.
 - WN3 EXISTING SERVICE TO BE ABANDONED WHEN THE WATER MAIN IS CUT OFF.
 - WN4 DISCONNECT FROM THE OLD WATER MAIN AND RECONNECT THE EXISTING COPPER WATER SERVICE LATERAL TO THE NEW WATER MAIN.
 - WN5 RELOCATE THE EXISTING FIRE HYDRANT.
 - WN6 ABANDON WATER VALVE ACCESS STRUCTURE.
 - WN7 FURNISH AND INSTALL THE NEW TOP SECTION FOR THE WATER ACCESS STRUCTURE.
 - WN8 ABANDON THE VALVE BOX.
 - WN9 FURNISH THE DITCH, COMPACTION, AND ALL MATERIALS AND LABOR FOR THE INSTALLATION OF NEW SERVICE LATERAL.
 - WN10 REMOVE AND SALVAGE EXISTING HYDRANT
 - WN11 REPLACE THE EXISTING COPPER SERVICE WITH A COPPER SERVICE



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

ESTIMATE OF MATERIALS SUPPLIED BY CONTRACTOR:

- ESTIMATE OF MATERIALS IS FOR INFORMATION ONLY. ENGINEER DOES NOT GUARANTEE ACCURACY OF MATERIAL TAKE-OFF.
- 20' - 4" PIPE
 - 40' - 6" PIPE
 - 1040' - 8" PIPE
 - 1280' - POLYWRAP
 - 2 - 5" HYDRANT
 - 2 - 4" VALVE AND BOX
 - 1 - 6" VALVE AND BOX
 - 4 - 8" VALVE AND BOX
 - 2 - 8"x4" TEE
 - 3 - 8"x6" TEE
 - 2 - 8"x8" CROSS
 - 2 - 4" - 90° BEND
 - 6 - 8" - 45° BEND
 - 1 - 6" MJ PLUG
 - 1 - 6" MJ CAP
 - 4 - 8" MJ PLUG
 - 1 - 8" MJ CAP
 - 56' - 2" STYROFOAM INSULATION
 - 1" COPPER TUBING (AS REQ'D)
 - 1 1/2" COPPER TUBING (AS REQ'D)

MATERIALS SUPPLIED BY CITY:

- 1 - 6"x6" TAPPING SLEEVE & VALVE

REMOVED/SALVAGED MATERIALS:

NONE

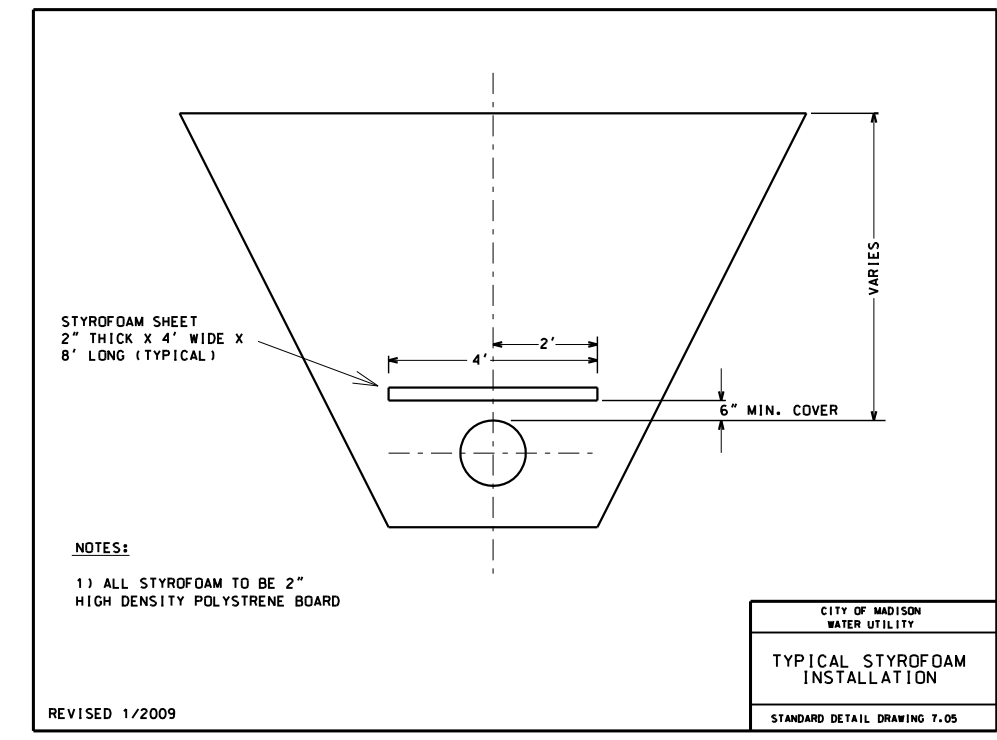
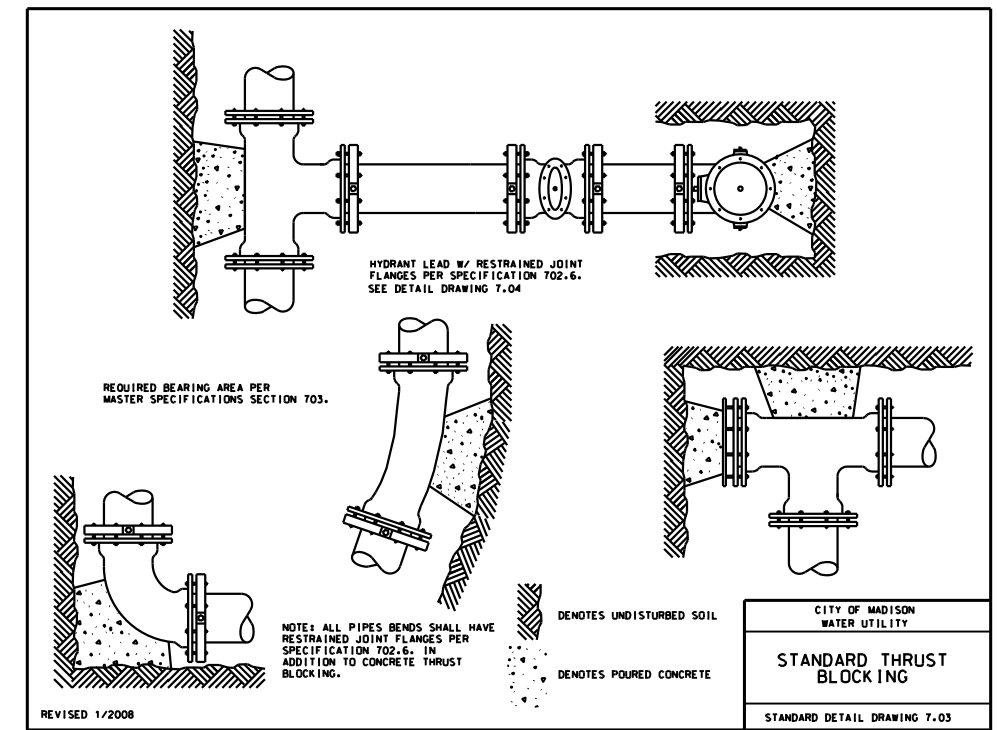
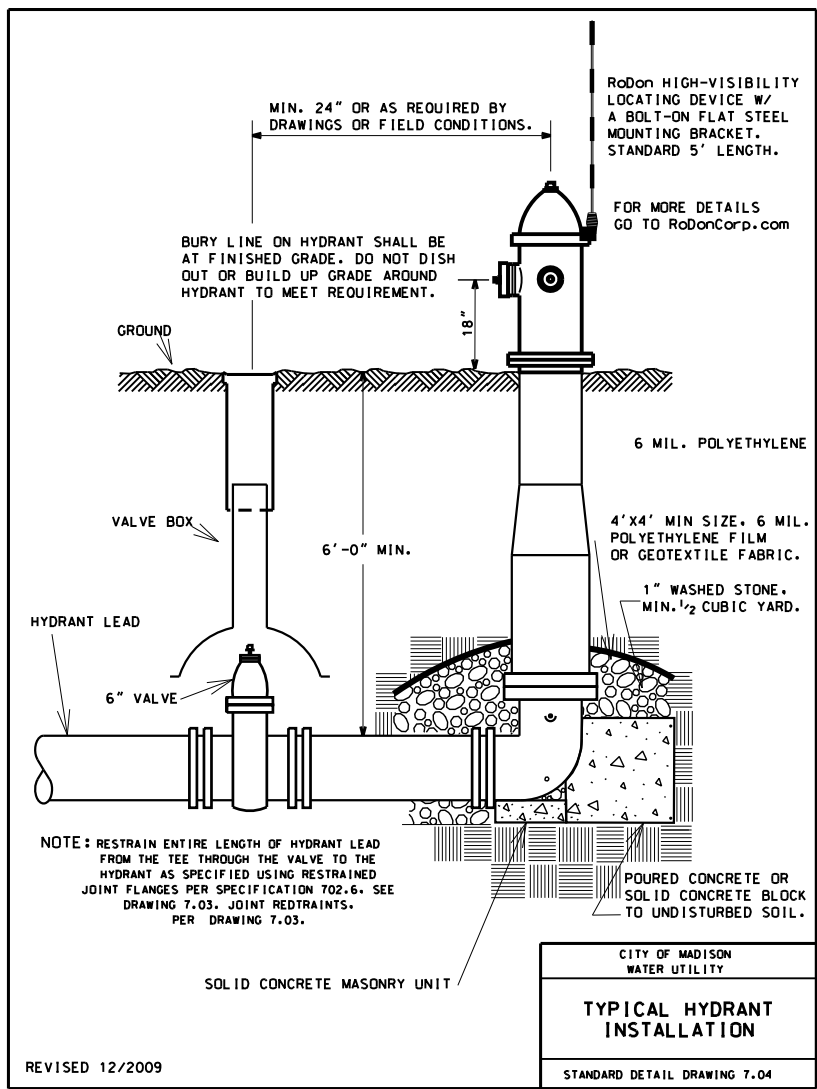
REUSED MATERIALS:

NONE

SUMMARY OF 7/25/2012 REVISIONS:

MATERIALS REMOVED:
 (1) - 6" 90° BEND
 (4) - 8" 45° BEND
 (1) - 6" VALVE

MATERIALS ADDED:
 (1) - 6"x6" TAPPING SLEEVE & VALVE
 (1) - 6" MJ CAP



CROSS SECTIONS

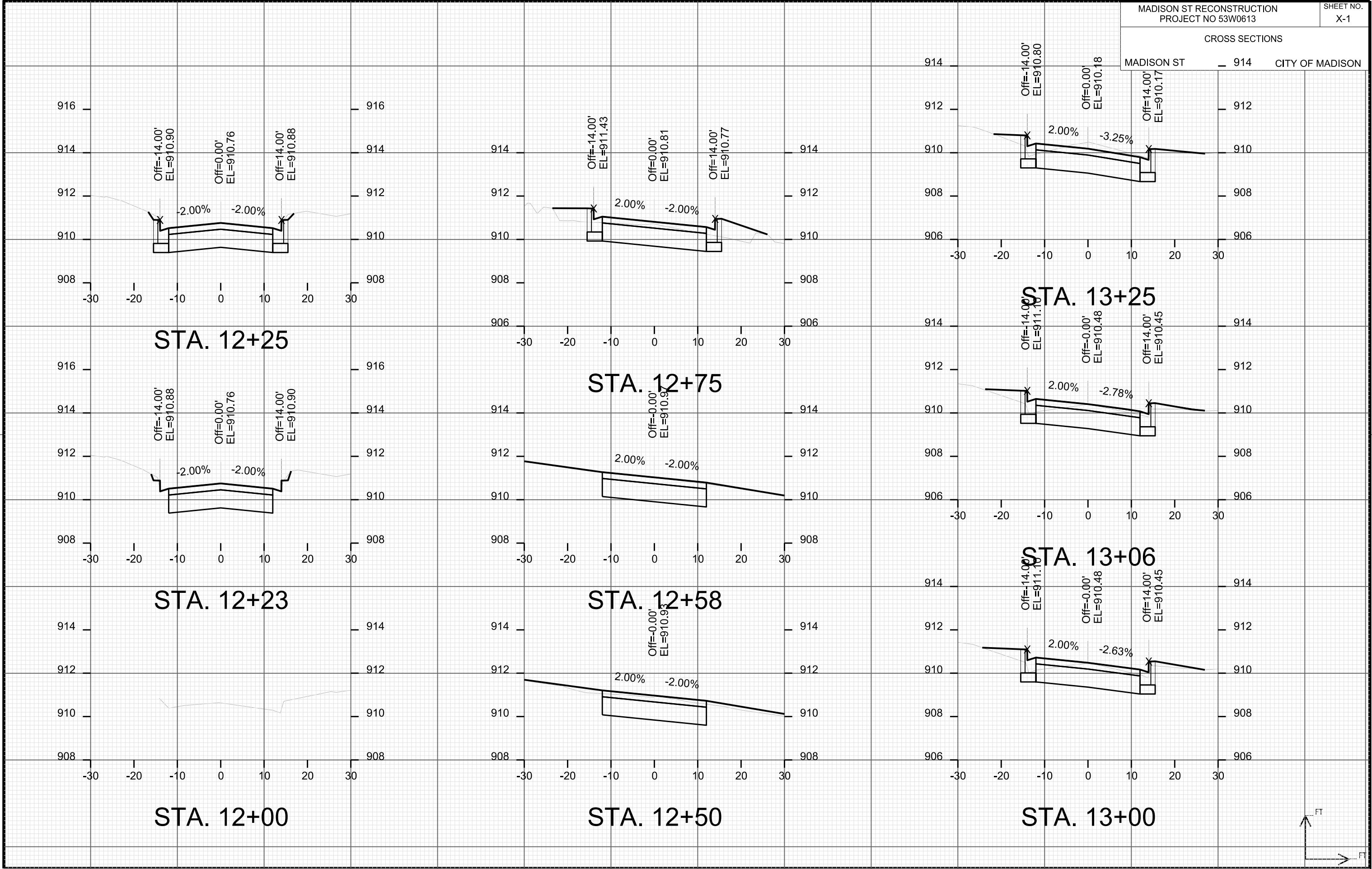
MADISON ST — 914 CITY OF MADISON

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



CROSS SECTIONS

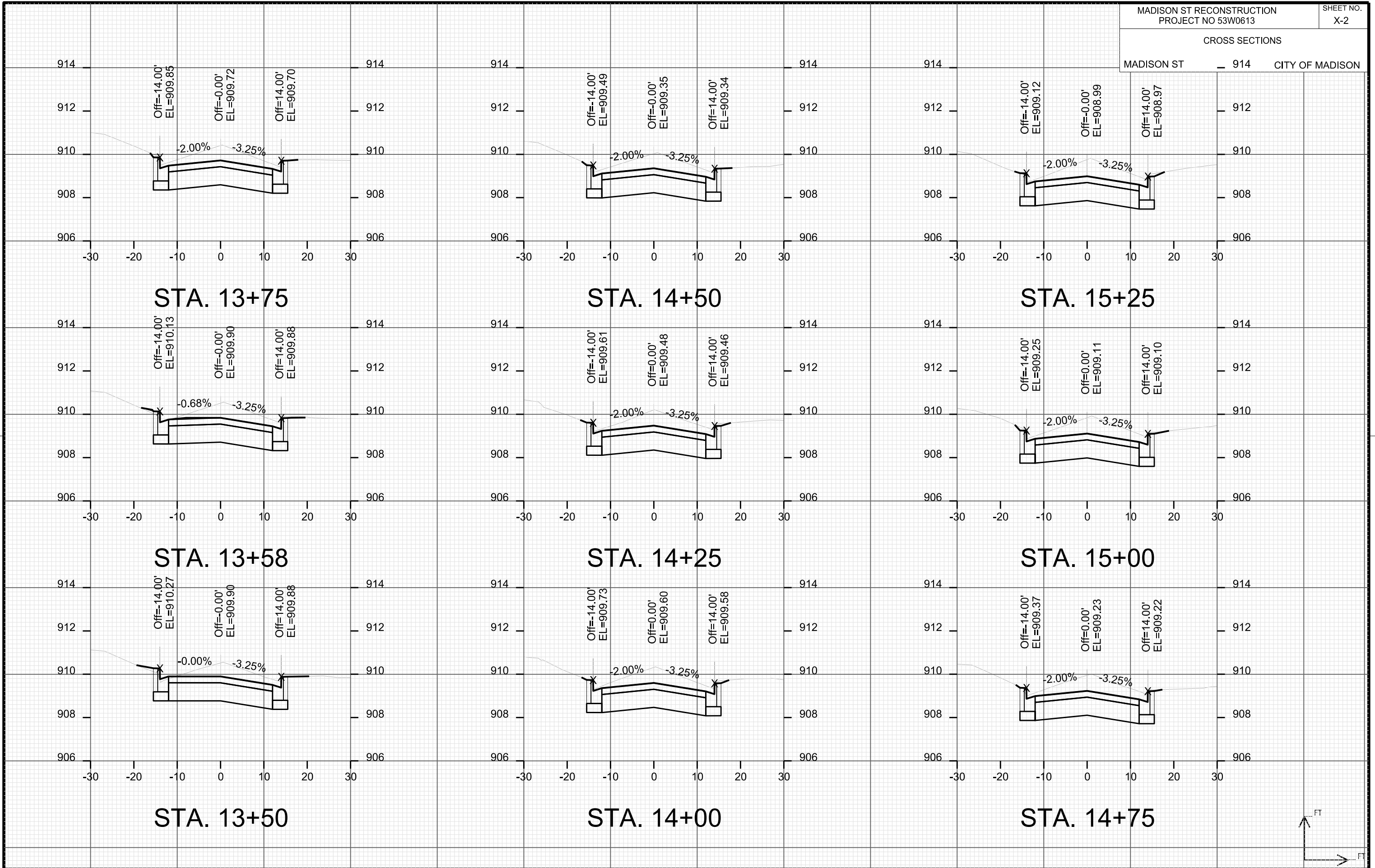
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ORIGINATOR: CITY OF MADISON, STREETS DIVISION



CROSS SECTIONS

MADISON ST

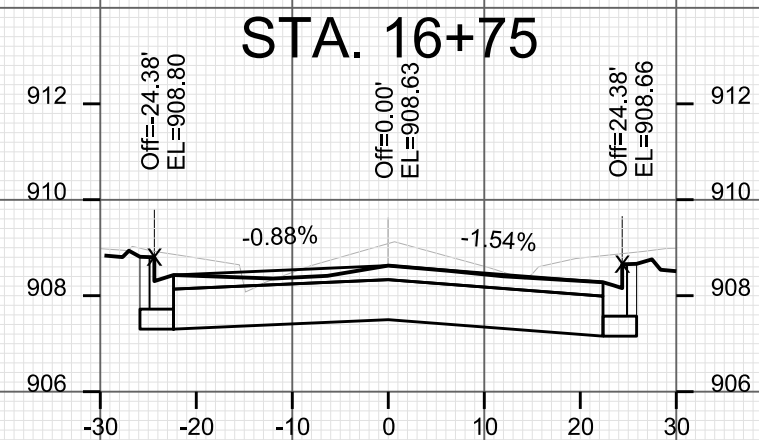
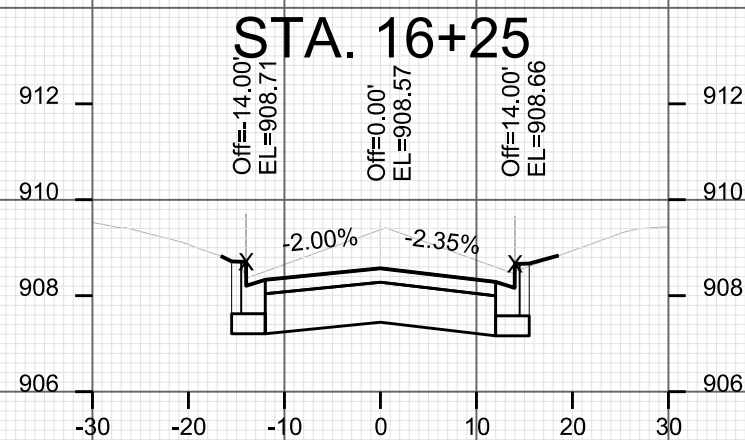
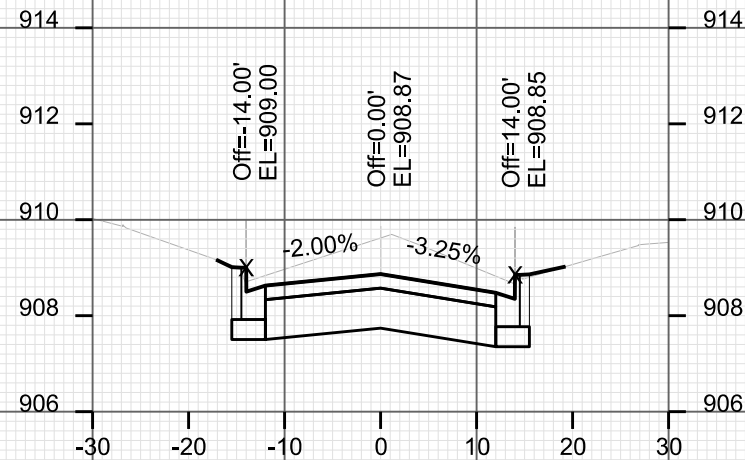
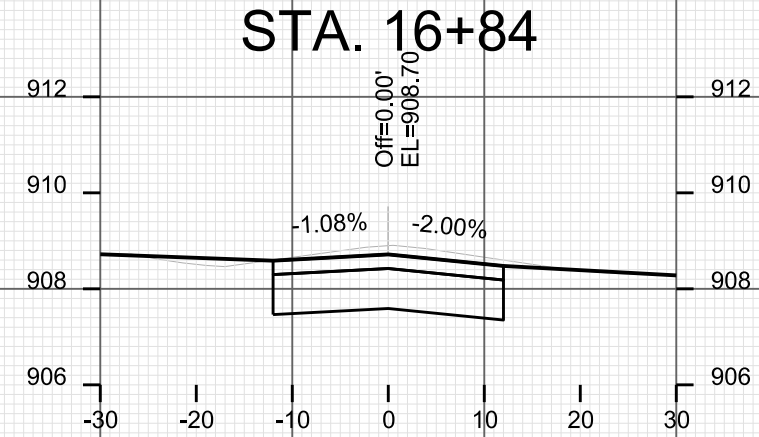
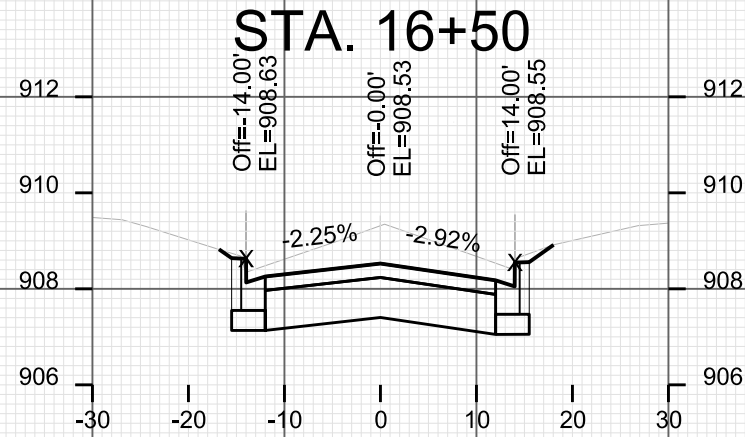
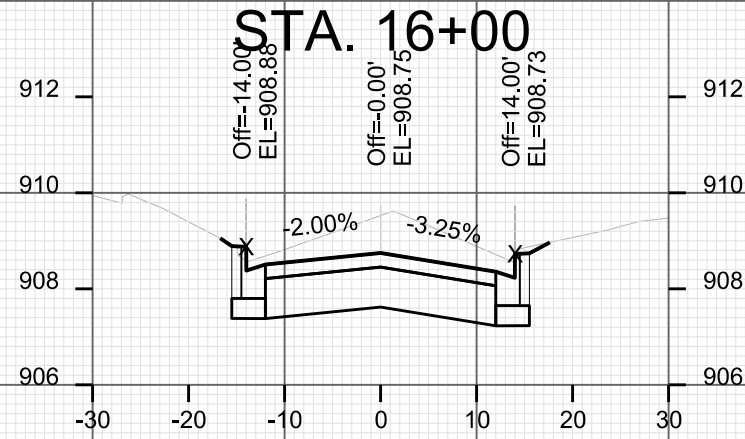
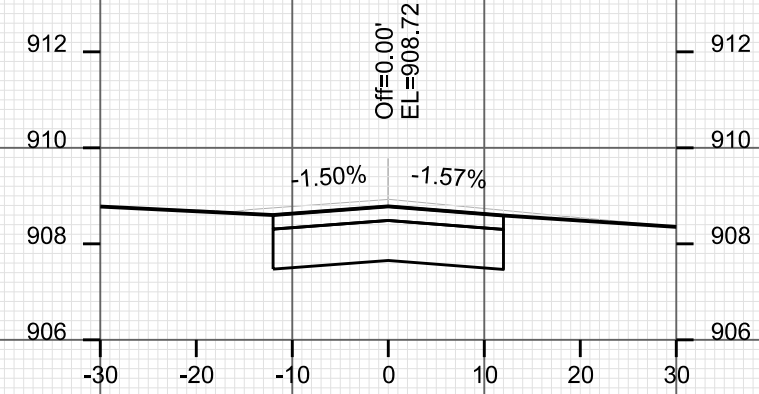
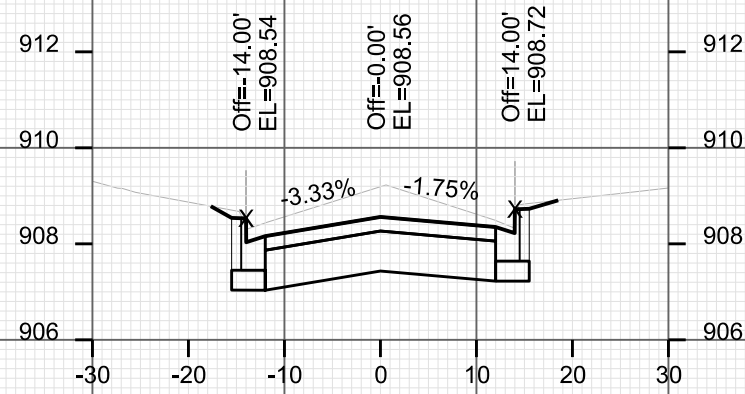
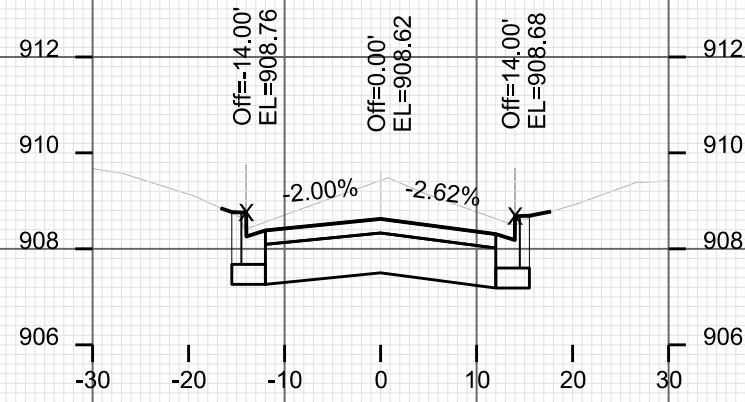
CITY OF MADISON

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



CROSS SECTIONS

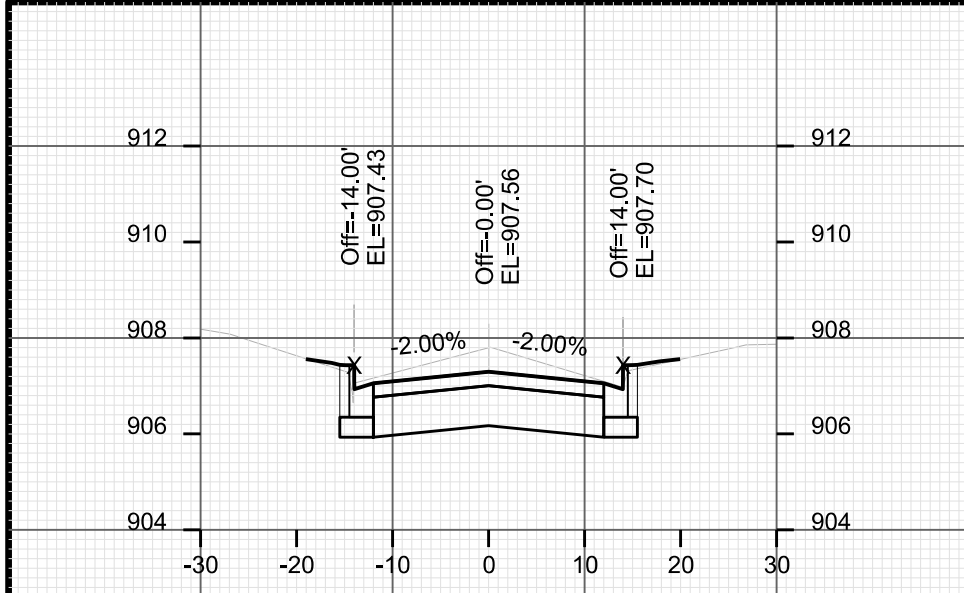
MADISON ST 908 CITY OF MADISON

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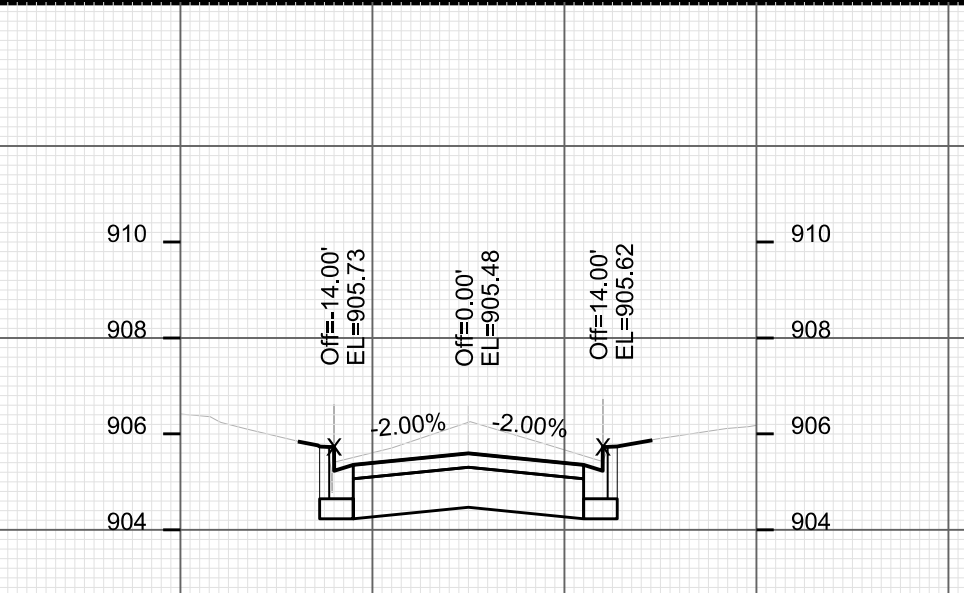
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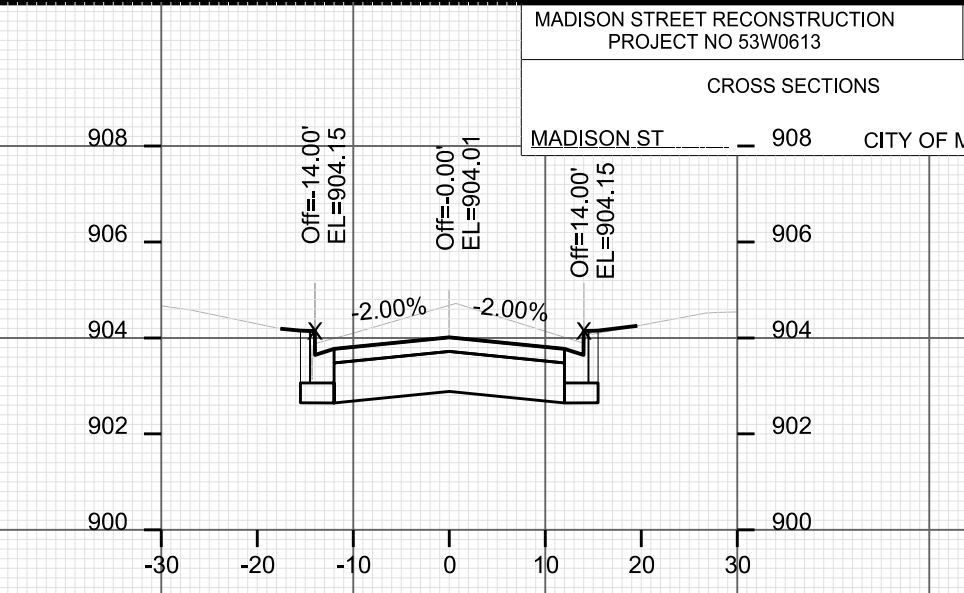
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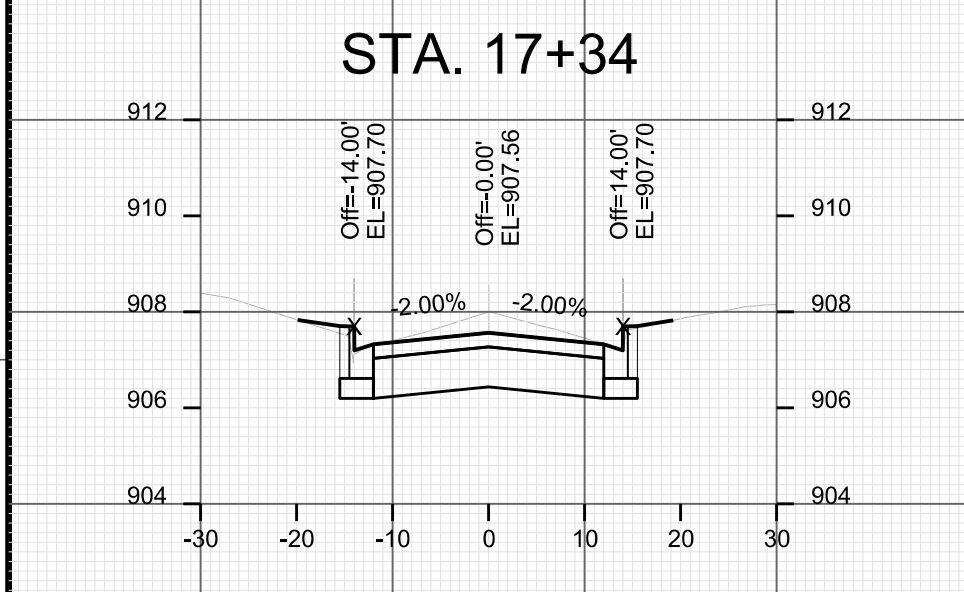
STA. 17+34



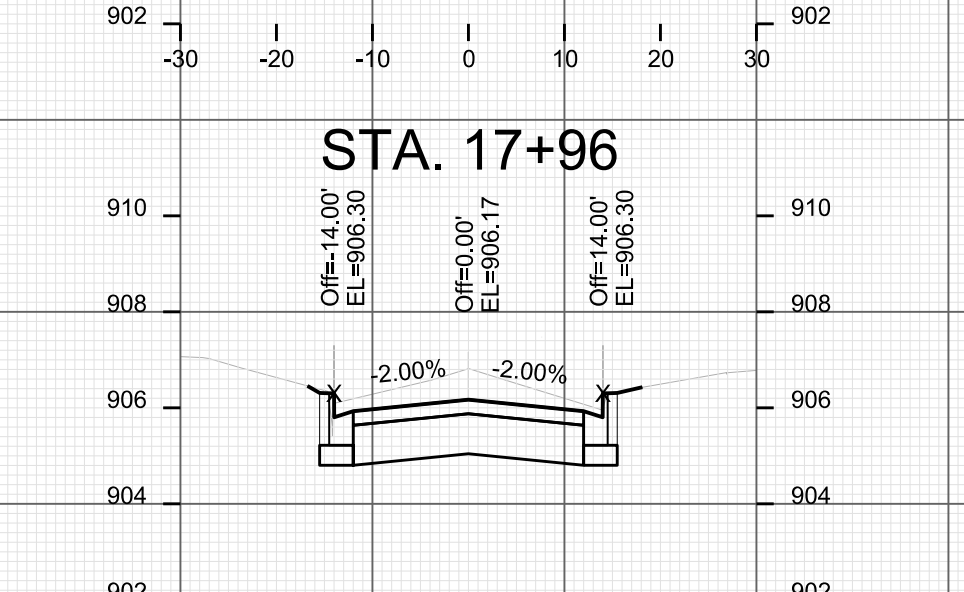
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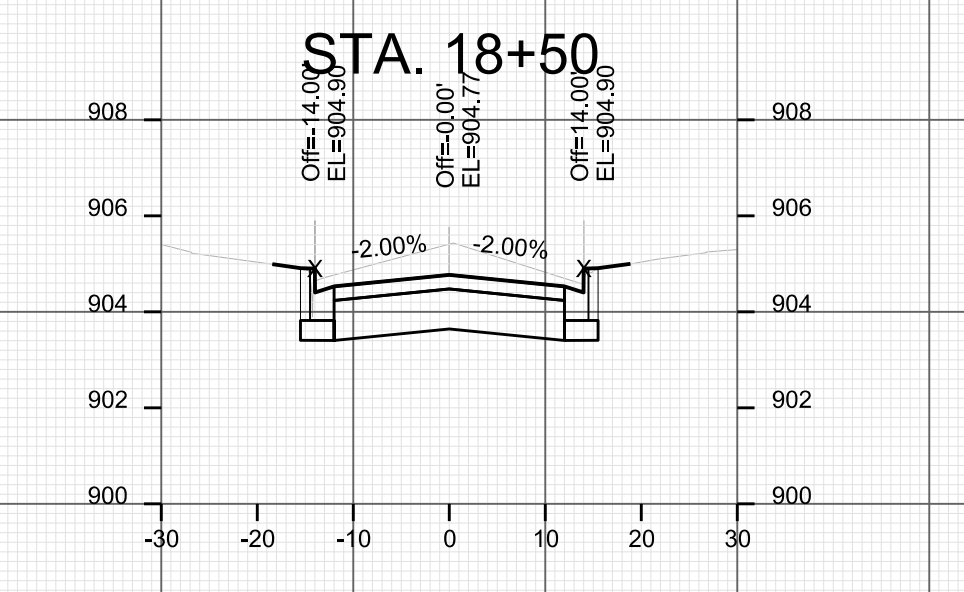
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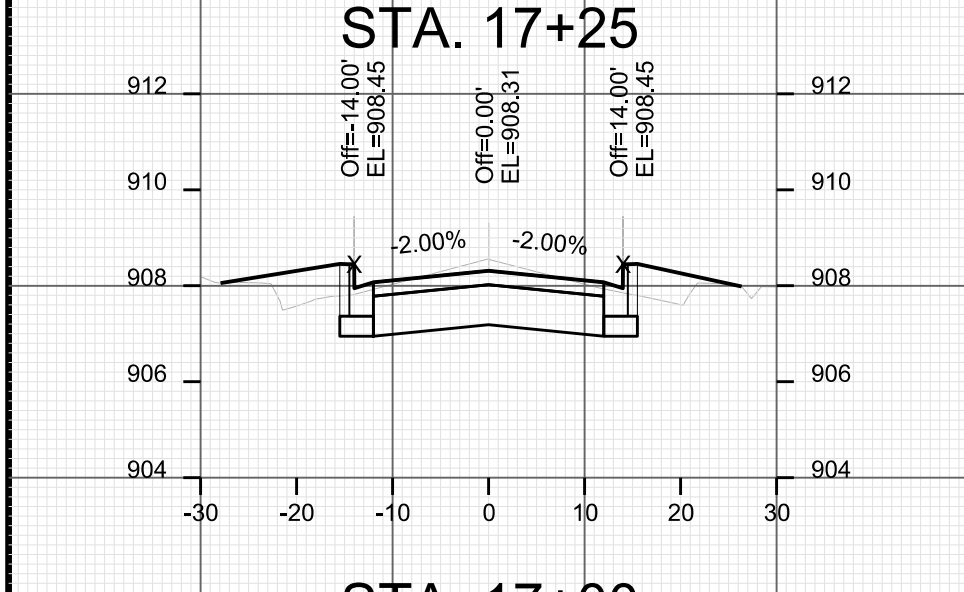
STA. 17+25



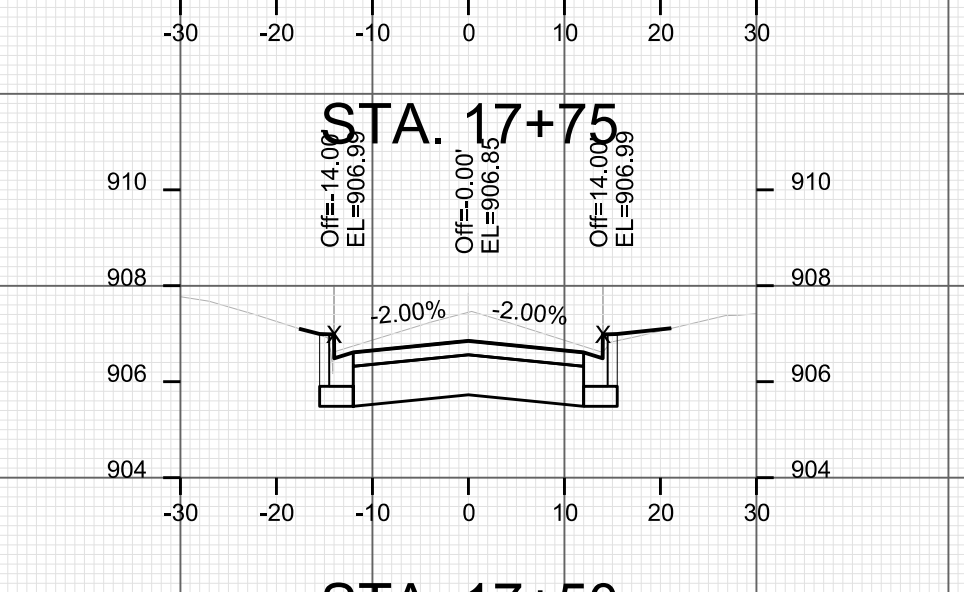
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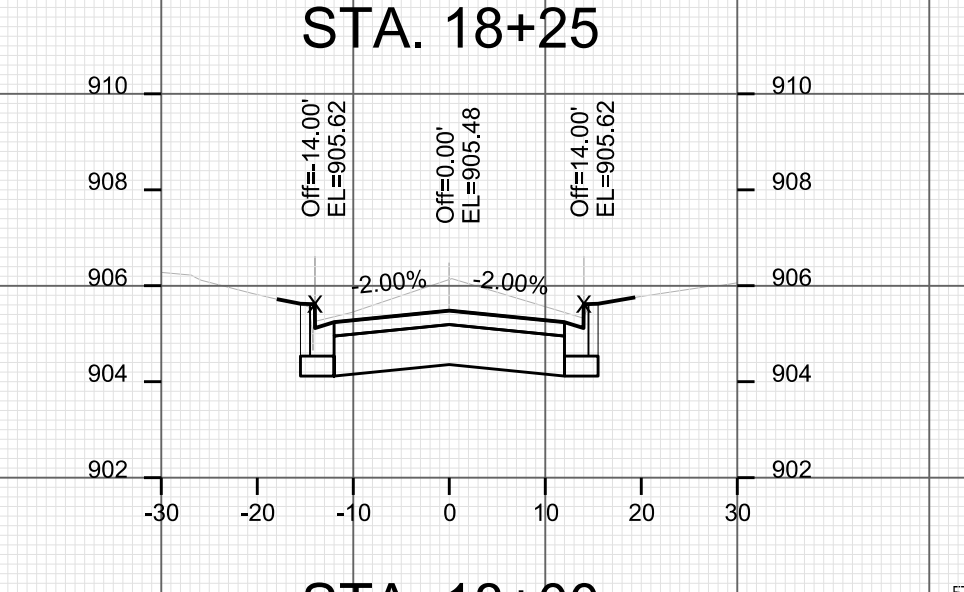
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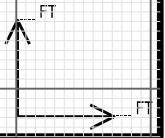
STA. 17+00



STA. 17+50



STA. 18+00



CROSS SECTIONS

MADISON ST

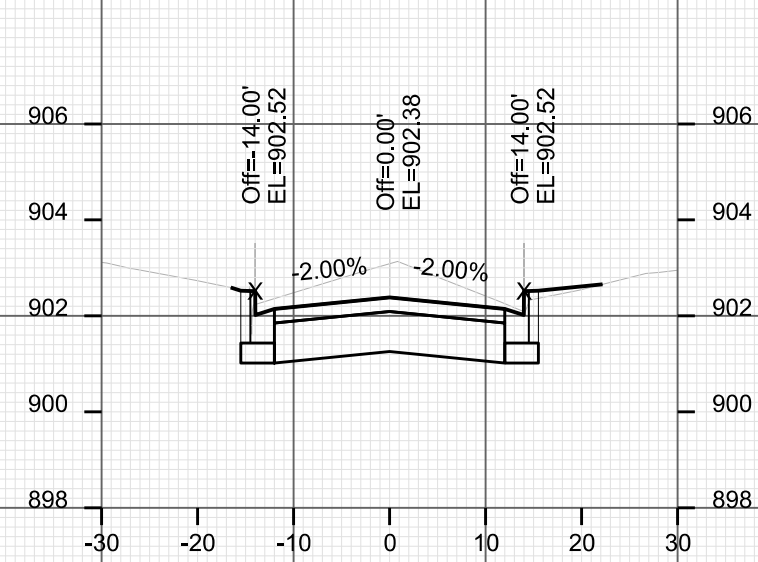
CITY OF MADISON

PLOT SCALE: _____

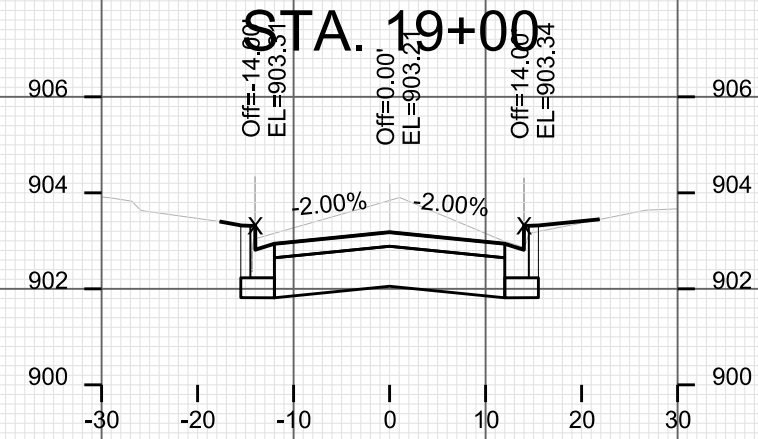
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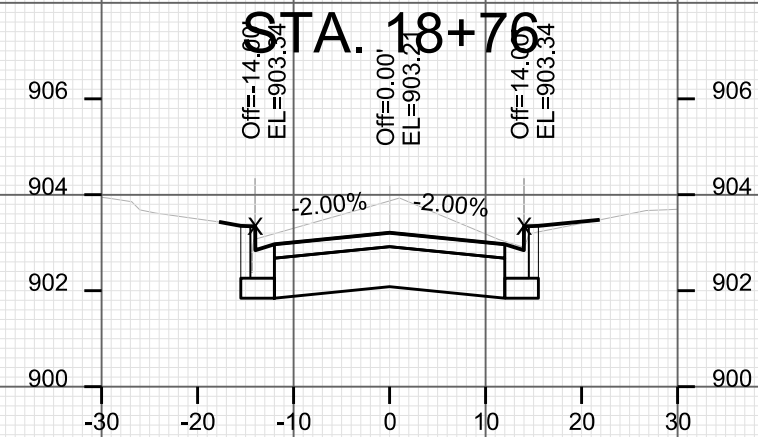
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



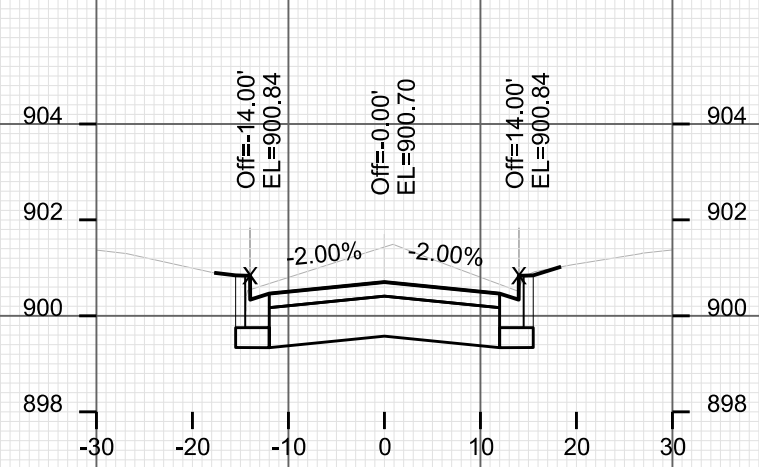
STA. 19+00



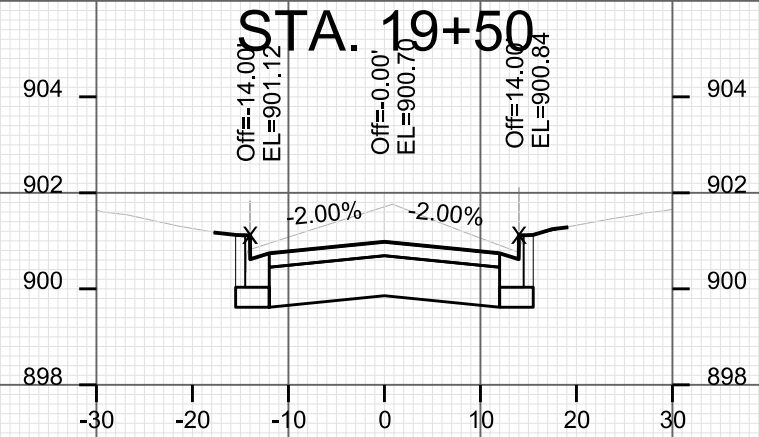
STA. 18+75



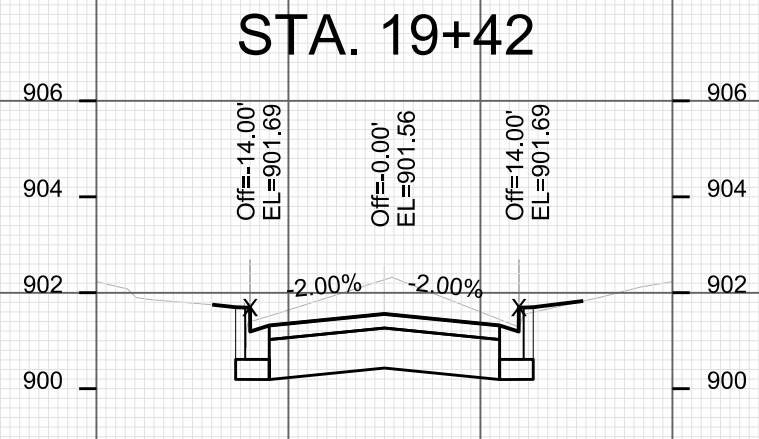
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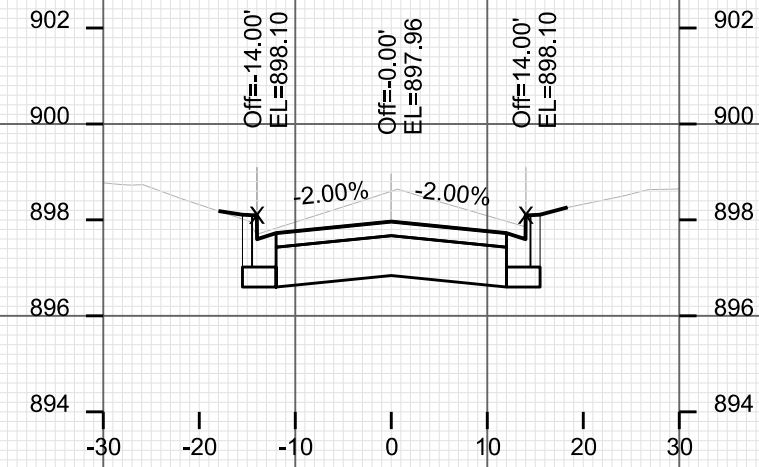
STA. 19+50



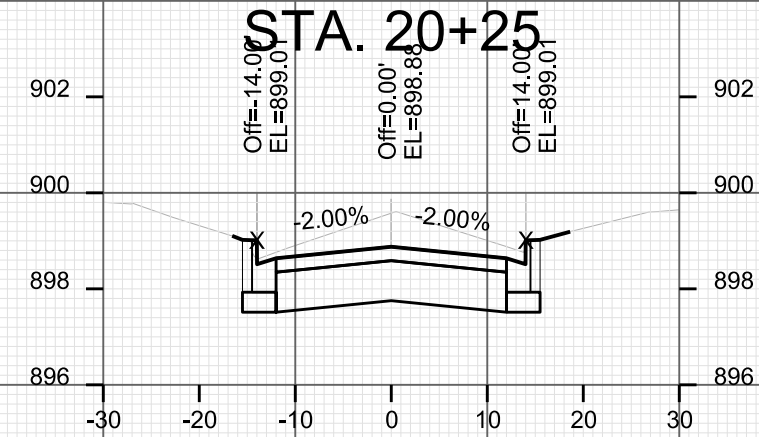
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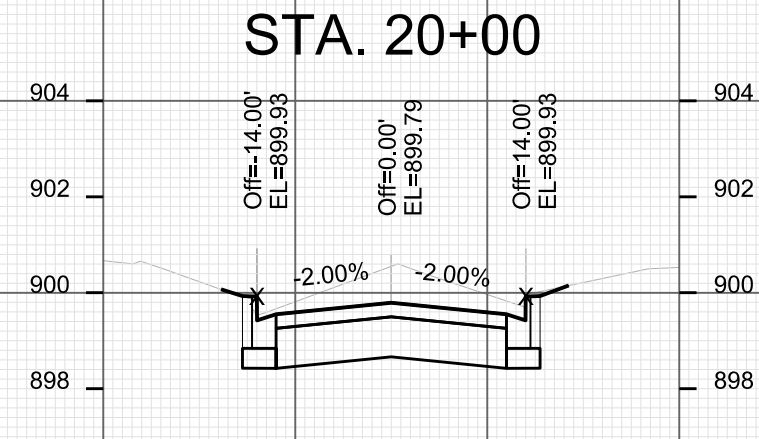
STA. 19+25



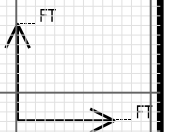
STA. 20+25



STA. 20+00



STA. 19+75



CROSS SECTIONS

MADISON ST CITY OF MADISON

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

