

Madison, Wisconsin

CITY OF MADISON

CITY ENGINEERING DIVISION

DEPARTMENT OF PUBLIC WORKS

PLAN OF PROPOSED IMPROVEMENT

PUBLIC IMPROVEMENT PROJECT APPROVED

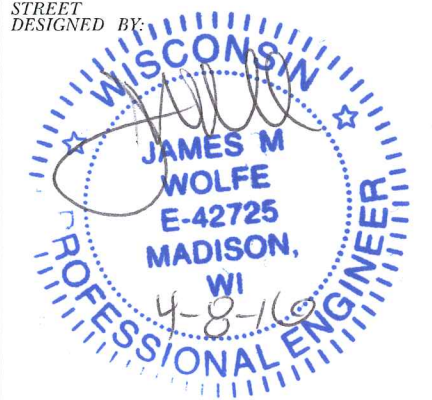
MARCH 15, 2016

BY THE COMMON COUNCIL
OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN
APPROVED BY:

 - 4/8/16
City Engineer Date

STREET
DESIGNED BY:



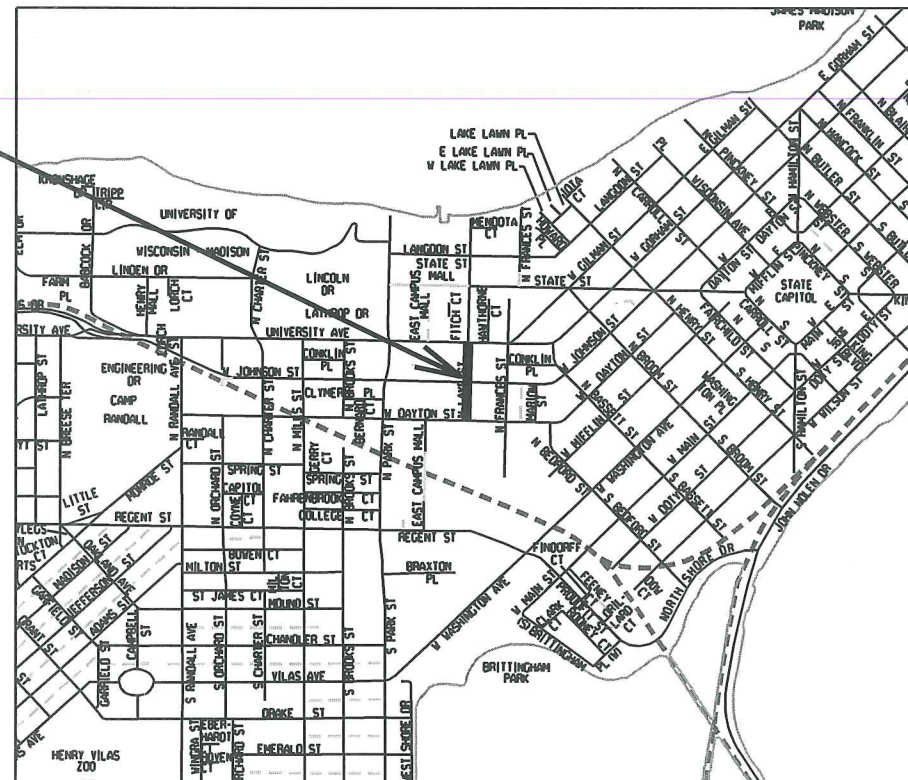
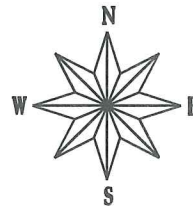
INDEX OF SHEETS

SHEET NO.	TITLE
1	1
DI	DETAILS
EC1-EC2	EROSION CONTROL PLANS
P1-P2	STREET PLAN & PROFILES
U1-U2	SEWERS PLAN & PROFILES
U3-U4	SEWER SCHEDULE
W1-W2	WATER PLAN & PROFILES
W3-W4	WATER IMPACT PLAN & MATERIALS
M1-M2	PAVEMENT MARKING PLAN
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TC1-TC5	TRAFFIC CONTROL PLANS
X1-X3	CROSS SECTIONS

NORTH LAKE STREET RESURFACING ASSESSMENT DISTRICT - 2016

CITY PROJECT NO. 53W1890
CITY MUNIS NO. 10007
CONTRACT NO. 7430

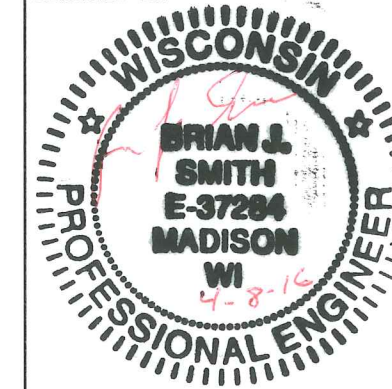
PROJECT LOCATION



CONVENTIONAL SIGNS
FIELD VERIFY ALL UTILITY LOCATIONS

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

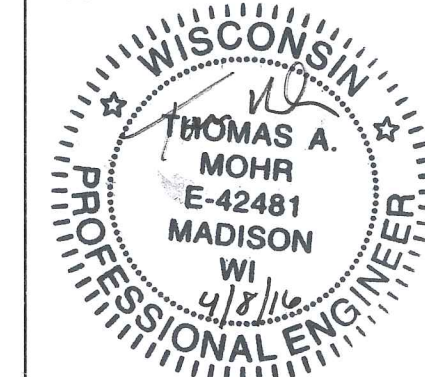
LIGHTING & SIGNALS
DESIGNED BY:



SANITARY SEWER &
STORM SEWER
DESIGNED BY:



PAVEMENT MARKINGS &
TRAFFIC CONTROL
DESIGNED BY:



WATER MAIN
DESIGNED BY:



NOTES:

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

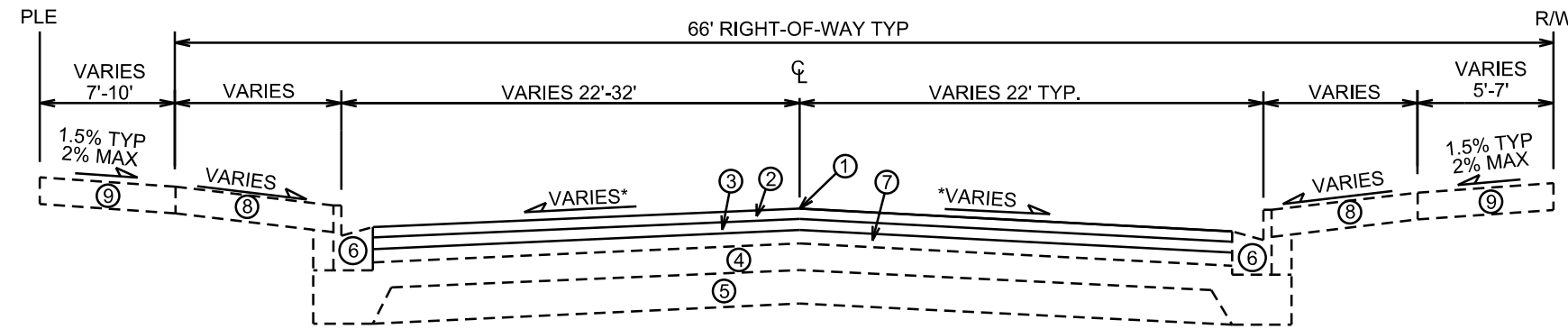
SIDEWALK RAMPS AND CURB THRU SIDEWALK RAMPS SHALL HAVE A MAXIMUM SLOPE OF 1" PER 12". SIDEWALK AND CURB RAMPS SHALL BE CONSTRUCTED WITH A SIDE SLOPE OF 2.00%. SIDEWALK SHALL HAVE A MINIMUM LONGITUDINAL SLOPE OF 0.50% AND A MAXIMUM LONGITUDINAL SLOPE OF 5.00%

EARTH WORK SUMMARY:
EXCAVATION CUT (MEASURED PLAN QUANTITY).....0 C.Y.
ESTIMATED UNDISTRIBUTED UNDERCUT.....250 C.Y.
TOTAL UNCLASSIFIED EXCAVATION CUT.....250 C.Y.

PLOT SCALE: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



PLE IS TYPICALLY 6.7' FROM STA 10+50 TO STA 14+00
PLE IS TYPICALLY 15' FROM STA 14+60 TO STA 18+10

TYPICAL FINISHED SECTION
N. LAKE STREET
NOT TO SCALE

- ① POINT REFERRED TO ON PROFILE
- ② 2" BITUMINOUS UPPER LAYER, TYPE E-3
- ③ 2 1/2" BITUMINOUS LOWER LAYER, TYPE E-3
- ④ 4" GRADATION 2 CRUSHED STONE, EXISTING***
- ⑤ 6" GRADATION 1 CRUSHED STONE, EXISTING***
- ⑥ EXISTING TYPE 'A' CONCRETE CURB & GUTTER**
- ⑦ PULVERIZE & SHAPE EXISTING ASPHALT PAVEMENT
- ⑧ EXISTING 5" CONC SIDEWALK OR 7" CONC DRIVE APRON**
- ⑨ EXISTING 5" OR 7" CONCRETE SIDEWALK**

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

** REPLACE CURB, SIDEWALK & DRIVE APRONS AS SHOWN ON THE PLANS OR AS DIRECTED

*** REPLACE BASE MATERIAL FOR UTILITY TRENCHES (TYPE IV PATCH) OR IN LOCATIONS WHERE EXCAVATION AND BASE REPLACEMENT IS REQUIRED BY ENGINEER

PLOT SCALE: _____

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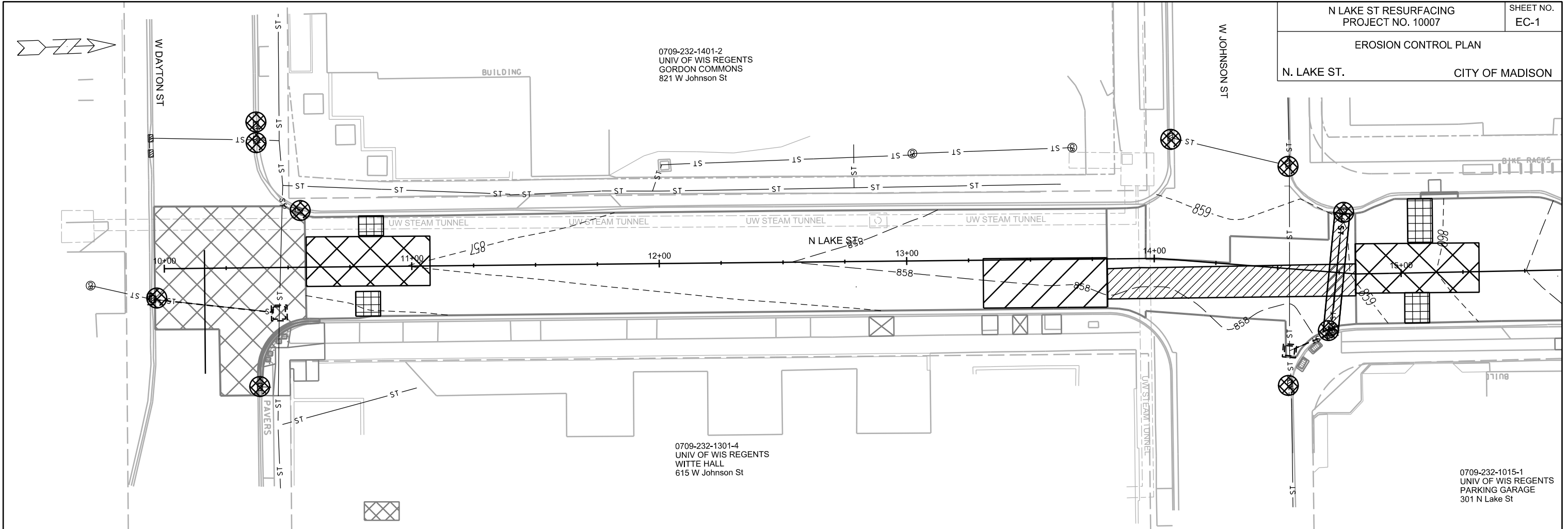
EROSION CONTROL PLAN







N. LAKE ST. CITY OF MADISON

0709-232-1401-2
UNIV OF WIS REGENTS
GORDON COMMONS
821 W Johnson St

0709-232-1301-4
UNIV OF WIS REGENTS
WITTE HALL
615 W Johnson St

0709-232-1015-1
UNIV OF WIS REGENTS
PARKING GARAGE
301 N Lake St



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

EROSION CONTROL NOTES:

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

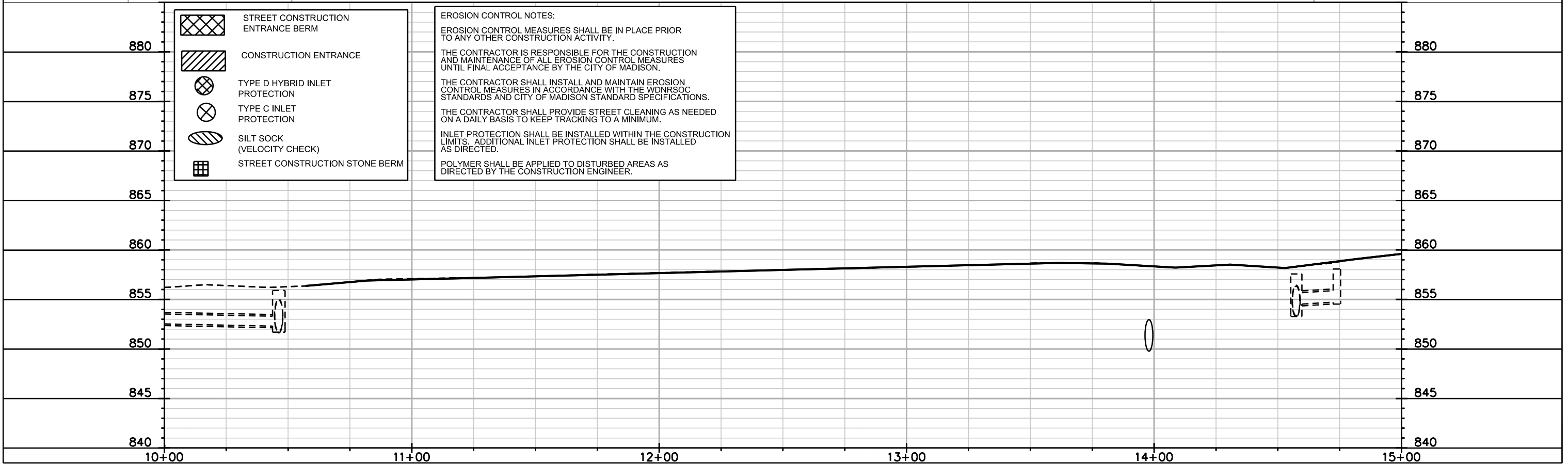
THE CONTRACTOR IS RESPONSIBLE FOR THE CONSTRUCTION AND MAINTENANCE OF ALL EROSION CONTROL MEASURES UNTIL FINAL ACCEPTANCE BY THE CITY OF MADISON.

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.

INLET PROTECTION SHALL BE INSTALLED WITHIN THE CONSTRUCTION LIMITS. ADDITIONAL INLET PROTECTION SHALL BE INSTALLED AS DIRECTED.

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



PLOT SCALE: _____

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EROSION CONTROL PLAN

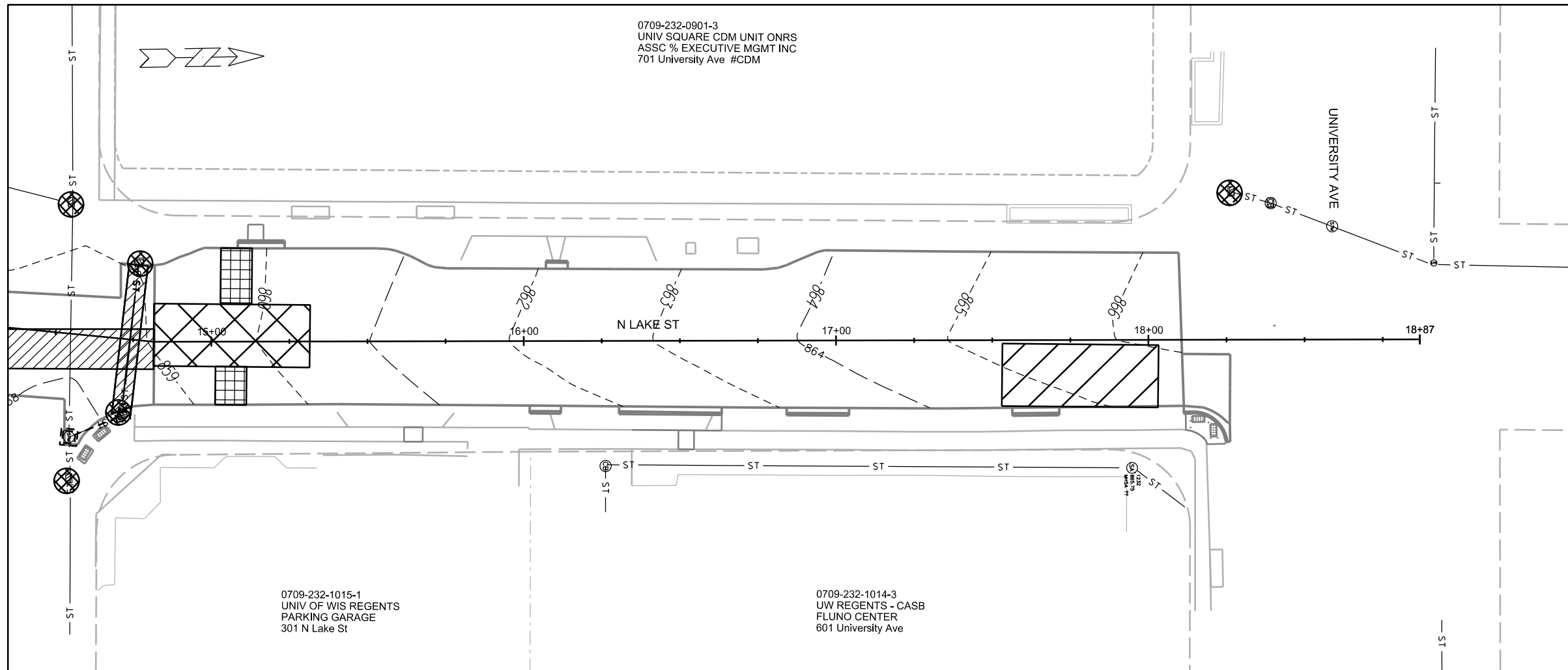
N. LAKE ST.







CITY OF MADISON

0709-232-0901-3
UNIV SQUARE CDM UNIT ONRS
ASSC % EXECUTIVE MGMT INC
701 University Ave #CDM

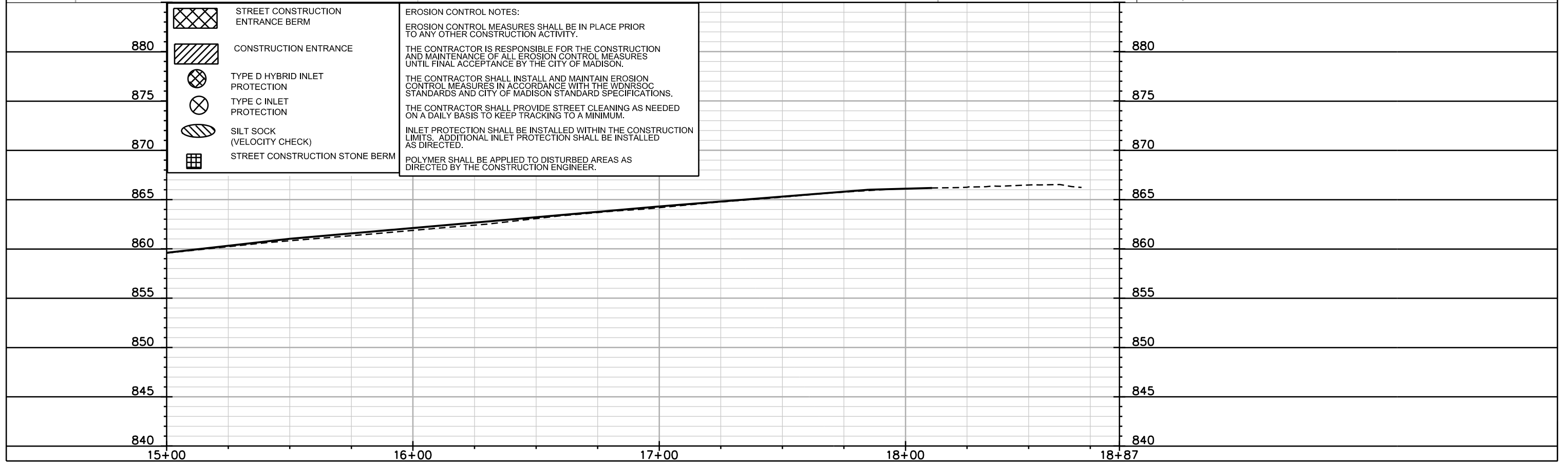
0709-232-1015-1
UNIV OF WIS REGENTS
PARKING GARAGE
301 N Lake St

0709-232-1014-3
UW REGENTS - CASB
FLUNO CENTER
601 University Ave



-  STREET CONSTRUCTION ENTRANCE BERM
-  CONSTRUCTION ENTRANCE
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-  TYPE C INLET PROTECTION
-  SILT SOCK (VELOCITY CHECK)
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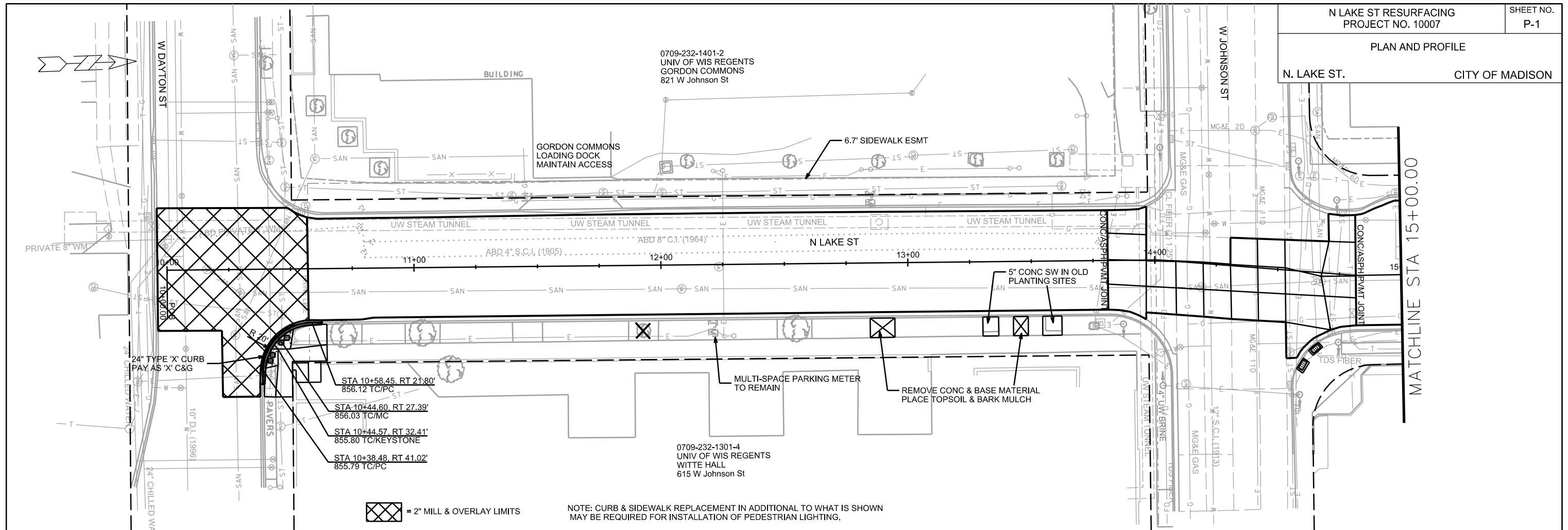


PLOT SCALE: _____

PLOT NAME: _____

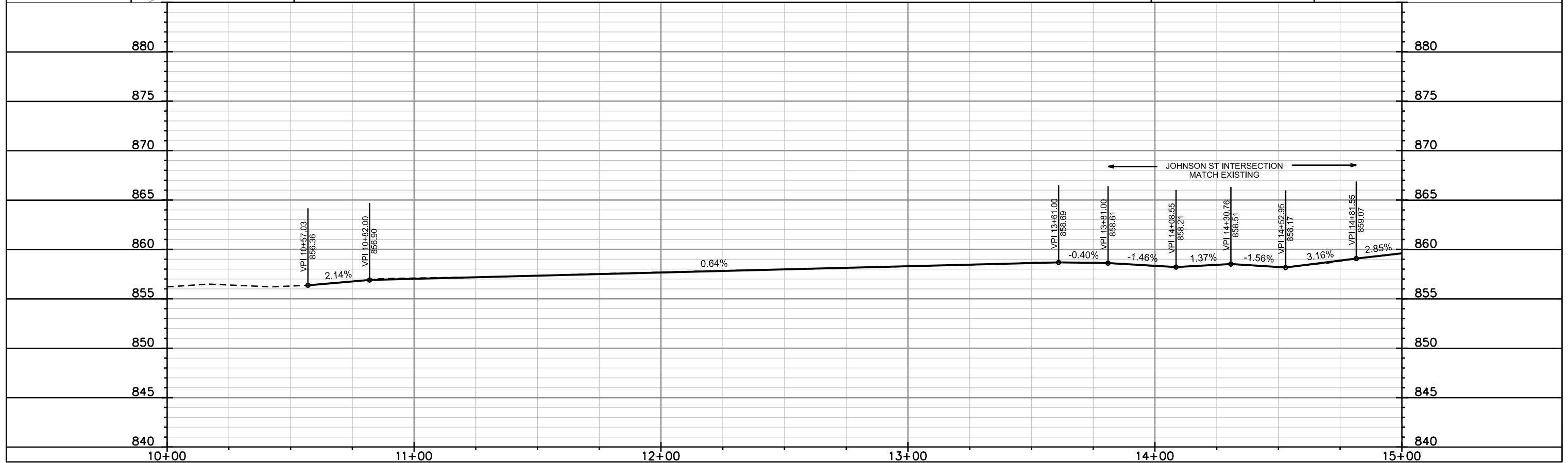
REV. DATE: _____

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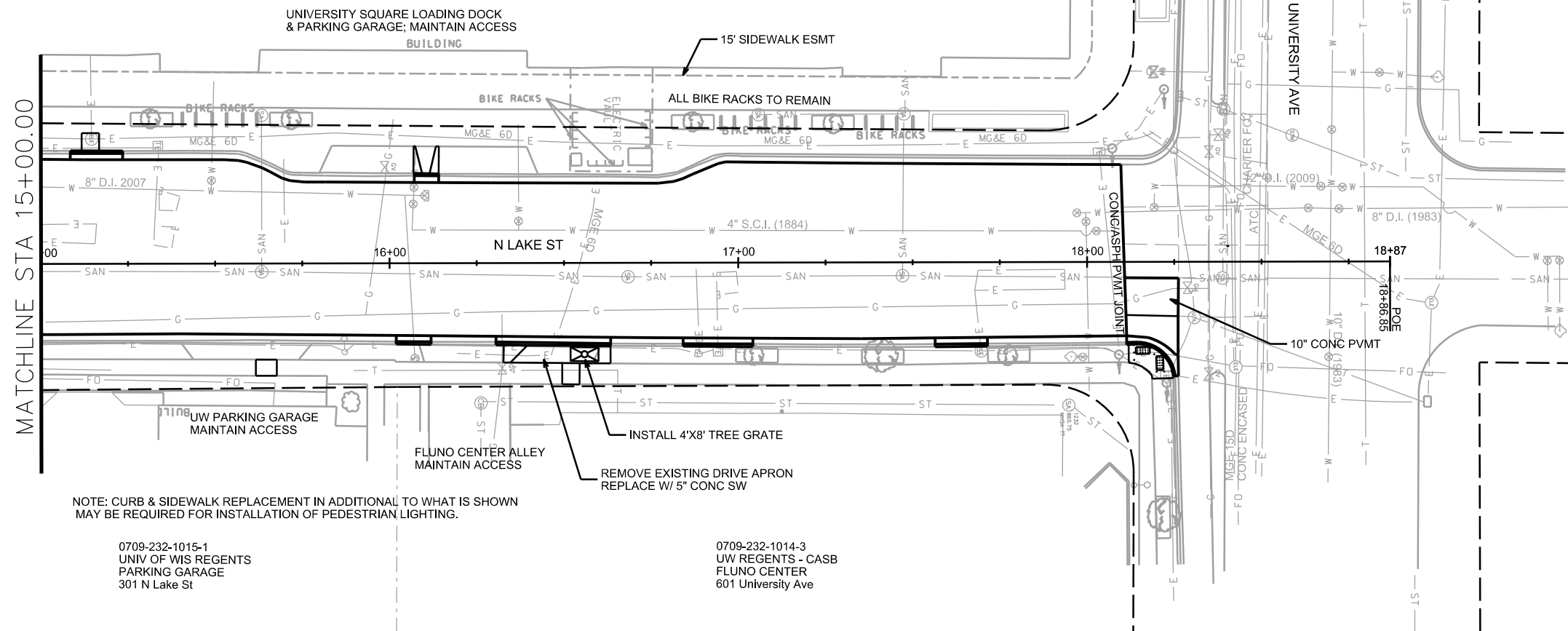
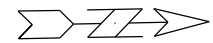
= 2" MILL & OVERLAY LIMITS

NOTE: CURB & SIDEWALK REPLACEMENT IN ADDITIONAL TO WHAT IS SHOWN
MAY BE REQUIRED FOR INSTALLATION OF PEDESTRIAN LIGHTING.



PLOT SCALE: _____
REV. DATE: _____
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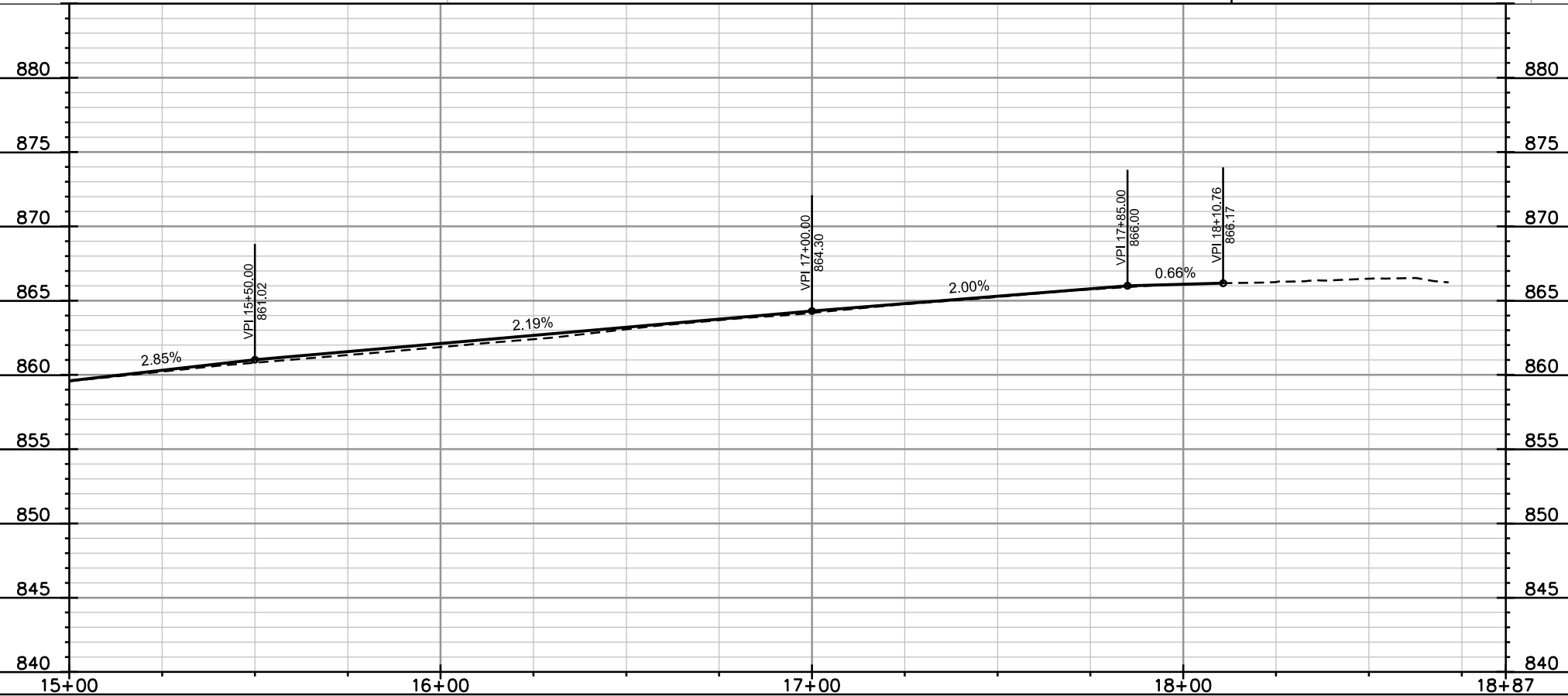
0709-232-0901-3
UNIV SQUARE CDM UNIT ONRS
ASSC % EXECUTIVE MGMT INC
701 University Ave #CDM



NOTE: CURB & SIDEWALK REPLACEMENT IN ADDITIONAL TO WHAT IS SHOWN
MAY BE REQUIRED FOR INSTALLATION OF PEDESTRIAN LIGHTING.

0709-232-1015-1
UNIV OF WIS REGENTS
PARKING GARAGE
301 N Lake St

0709-232-1014-3
UNIV REGENTS - CASB
FLUNO CENTER
601 University Ave

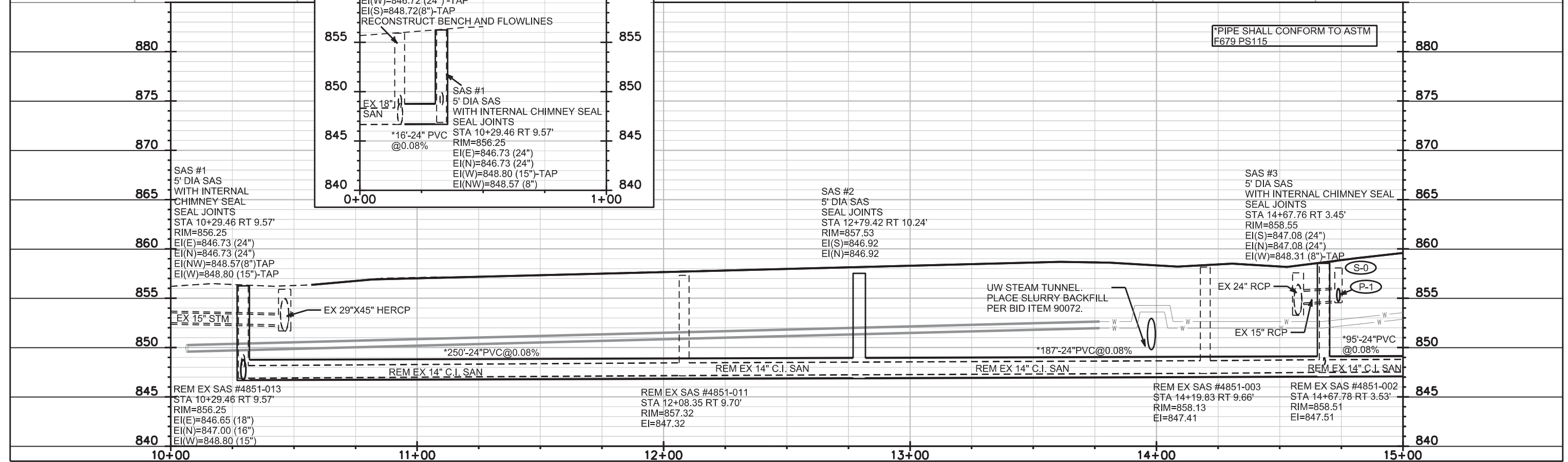
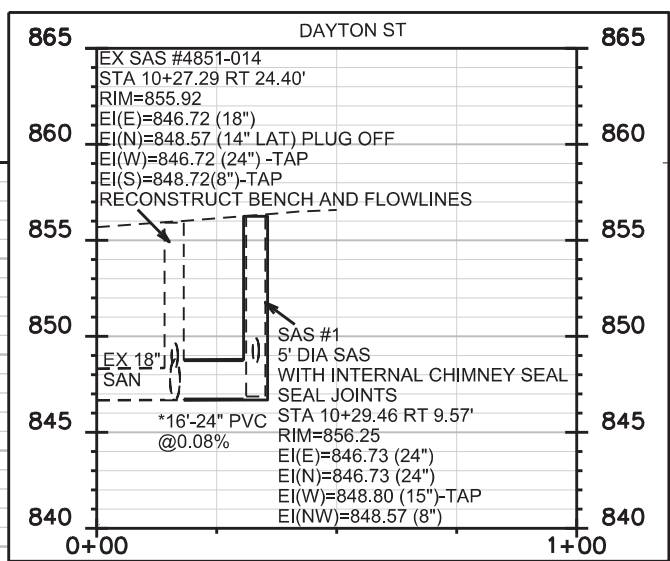
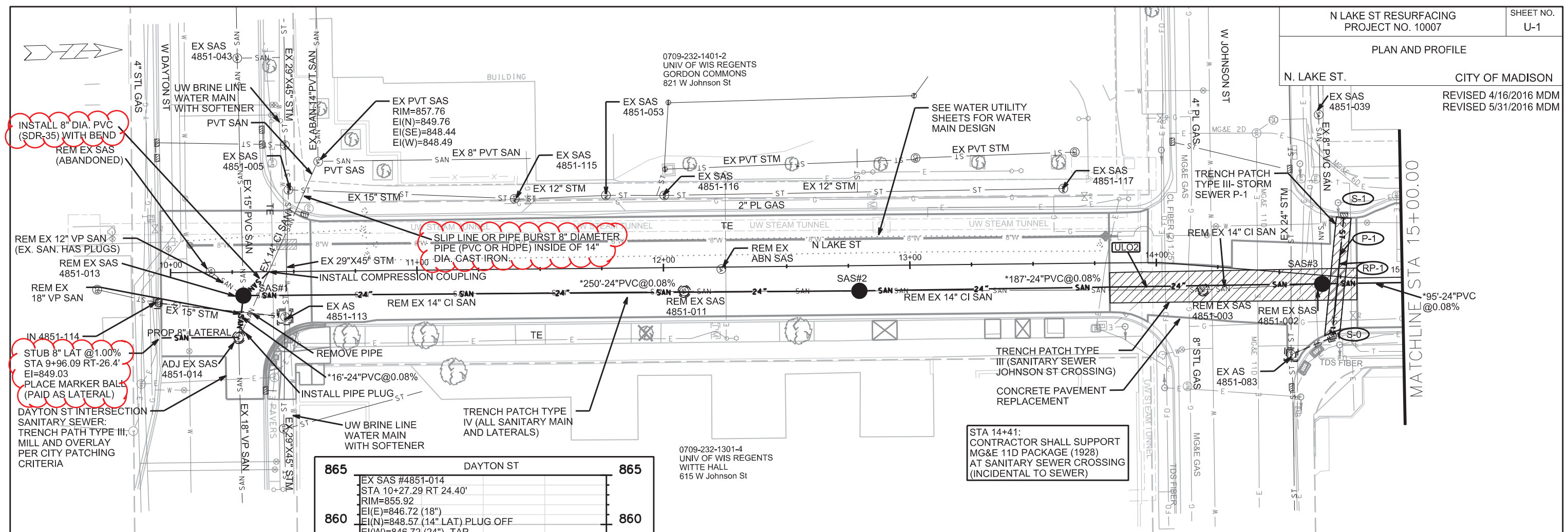


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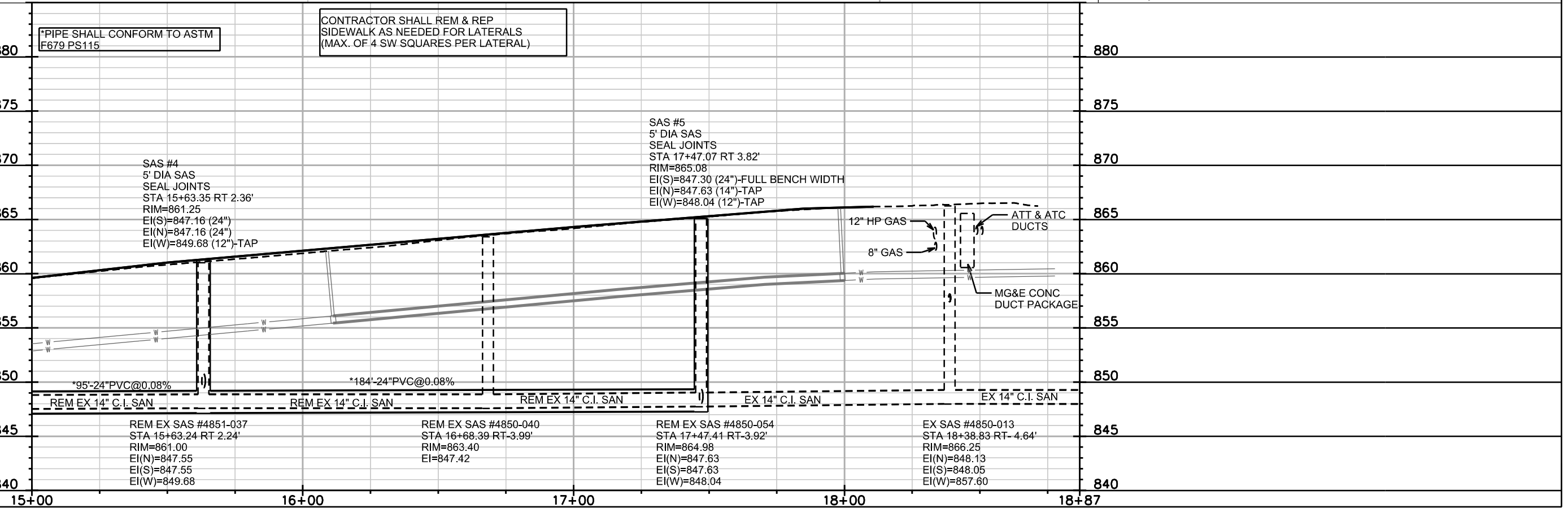
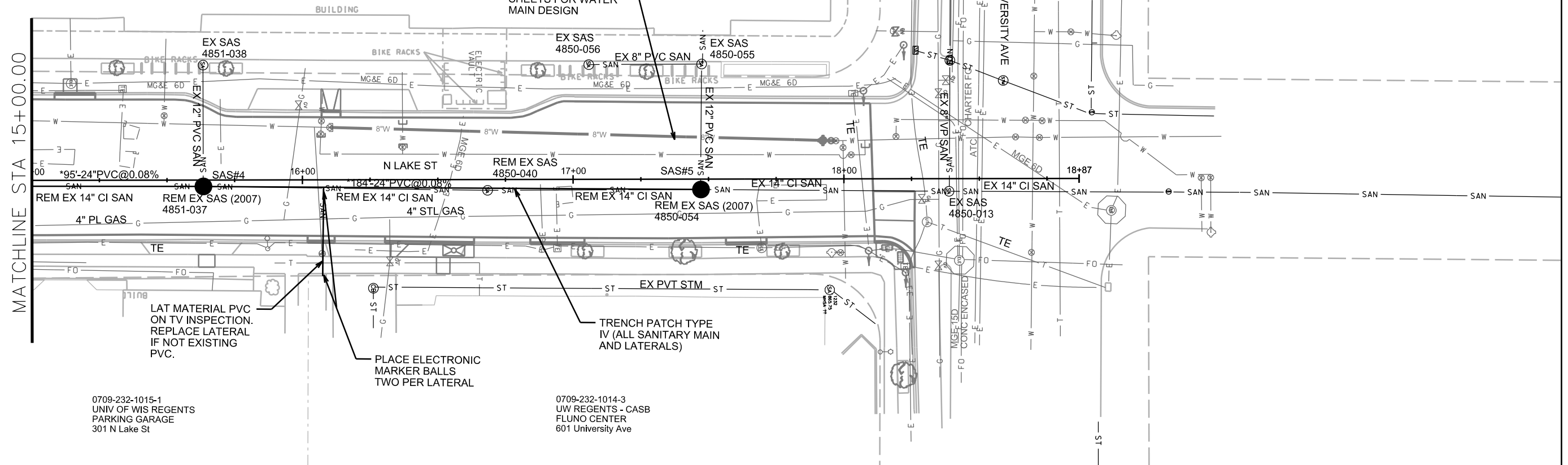
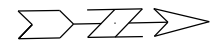
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



0709-232-0901-3
UNIV SQUARE CDM UNIT ONRS
ASSC % EXECUTIVE MGMT INC
701 University Ave #CDM

12" STL 400 psi GAS
and 8" STL GAS

ATT AND ATC
DUCT PACKAGE



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

SANITARY SEWER SCHEDULE

LAKE ST RESURFACING 2016
PROJECT NO. 53W1890

SHEET NO.
U-3

SANITARY SEWER SCHEDULE CITY OF MADISON

PROPOSED SANITARY STRUCTURES

SAS NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH	NOTES
LAKE ST						
SAS #1	10+29.46	RT-9.57	856.25	846.73	9.52	W/INTERNAL CHIMNEY SEAL; SEAL JOINTS; (5' DIA)
SAS #2	12+79.42	RT-10.24	857.53	846.92	10.61	SEAL JOINTS; (5' DIA)
SAS #3	14+67.76	RT-3.45	858.55	847.08	11.47	W/INTERNAL CHIMNEY SEAL; SEAL JOINTS; (5' DIA)
SAS #4	15+63.35	RT-2.36	861.25	847.16	14.10	SEAL JOINTS; (5' DIA)
SAS #5	17+47.07	RT-3.82	865.08	847.30	17.78	SEAL JOINTS; (5' DIA)

PROPOSED SANITARY PIPES

FROM SAS (DNSTM)	TO SAS (UPSTM)	LGTH (FT)	DISCH. E.I.	INLET E.I.	SLOPE (%)	SIZE (DIA)	TYPE	NOTES
4851-014	SAS #1	16	846.72	846.73	0.08%	24"	F679 PS115	TAP; RECONSTRUCT BENCH & FL
SAS #1	SAS #2	250	846.73	846.92	0.08%	24"	F679 PS115	
SAS #2	SAS #3	187	846.92	847.08	0.08%	24"	F679 PS115	
SAS #3	SAS #4	95	847.08	847.16	0.08%	24"	F679 PS115	
SAS #4	SAS #5	184	847.16	847.30	0.08%	24"	F679 PS115	

SANITARY STRUCTURE REMOVALS AND ABANDONMENTS

SAS NO.	STATION	LOCATION (OFFSET)	EX TOP CASTING	EX EI	DEPTH	NOTES
4851-013	10+29.46	RT-9.57	856.25	846.25	10.00	REMOVE
4851-011	12+08.35	RT-9.70	857.32	847.32	10.00	REMOVE
4851-003	14+19.83	RT-9.66	858.13	847.41	10.72	REMOVE
4851-002	14+67.78	RT-3.53	858.51	847.51	11.00	REMOVE
4851-037	15+63.24	RT-2.24	861.00	847.55	13.45	REMOVE
4850-040	16+68.39	RT-3.99	863.40	847.52	15.88	REMOVE
4850-054	17+47.41	RT-3.92	864.98	847.63	17.35	REMOVE
N/A	10+16.25	LT-.16	856.51	N/A	N/A	REMOVE EX ABN SAS
N/A	12+23.50	RT-.83	857.80	N/A	N/A	REMOVE EX ABN SAS

SANITARY PIPE REMOVALS AND ABANDONMENTS

REMOVE FROM	REMOVE TO	LENGTH (FT)	PAID (Y/N)	SIZE (DIA)	NOTES
4851-014	4851-013	16	N	18"	REMOVE
4851-013	4851-011	179	N	14"	REMOVE
4851-011	4851-003	210	N	14"	REMOVE
4851-003	4851-002	48	N	14"	REMOVE
4851-002	4851-037	200	N	14"	REMOVE
4851-037	4850-040	105	N	14"	REMOVE
4850-040	4850-054	79	N	14"	REMOVE

SANITARY SEWER ULOs

ULO NO.	STATION	LOCATION (OFFSET)	TYPE	ELEV TOP	ELEV BOTTOM	NOTES
ULO-1	14+41.00	RT-6.00	ELEC			
ULO-2	13+96.00	RT-9.80	STEAM			

SANITARY STRUCTURE ADJUSTMENTS

SAS NO.	STATION	LOCATION (OFFSET)	EX TOP CASTING	PROP TOC	ADJUST AMOUNT (IN)	AVAILABLE ADJUSTMENT (IN)	STRUCTURE TYPE	NOTES
4851-014	10+27.29	RT-24.40	855.92	855.92	0.00	5	PRECAST ROUND	INSERT INTERNAL CHIMNEY SEAL

STORM SEWER SCHEDULE

LAKE ST RESURFACING
PROJECT NO. 53W1681

SHEET NO.
U-4

STORM SEWER SCHEDULE

CITY OF MADISON

PROPOSED STORM STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
LAKE ST							
S-0	14+73.87	RT-24.55	EX INLET	858.07	854.72	3.35	TAP
S-1	14+74.37	LT-25.45	EX INLET	858.81	855.21	3.60	TAP

PROPOSED STORM PIPES

PIPE NO.	FROM (DNSTM)	TO (UPSTM)	PLAN LGTH (FT)	PIPE LGTH (FT)	DISCH. E.I.	INLET E.I.	SLOPE (%)	PIPE SIZE	TYPE	NOTES
P-1	S-0	S-1	50	47.5	854.72	855.21	1.03%	12"	RCP	NCM

REMOVE STORM PIPES

REMOVE NO.	REMOVE FROM	REMOVE TO	PIPE SIZE	PAID (Y/N)	NOTES
RP-1	S-0	S-1	12"	N	REMOVE

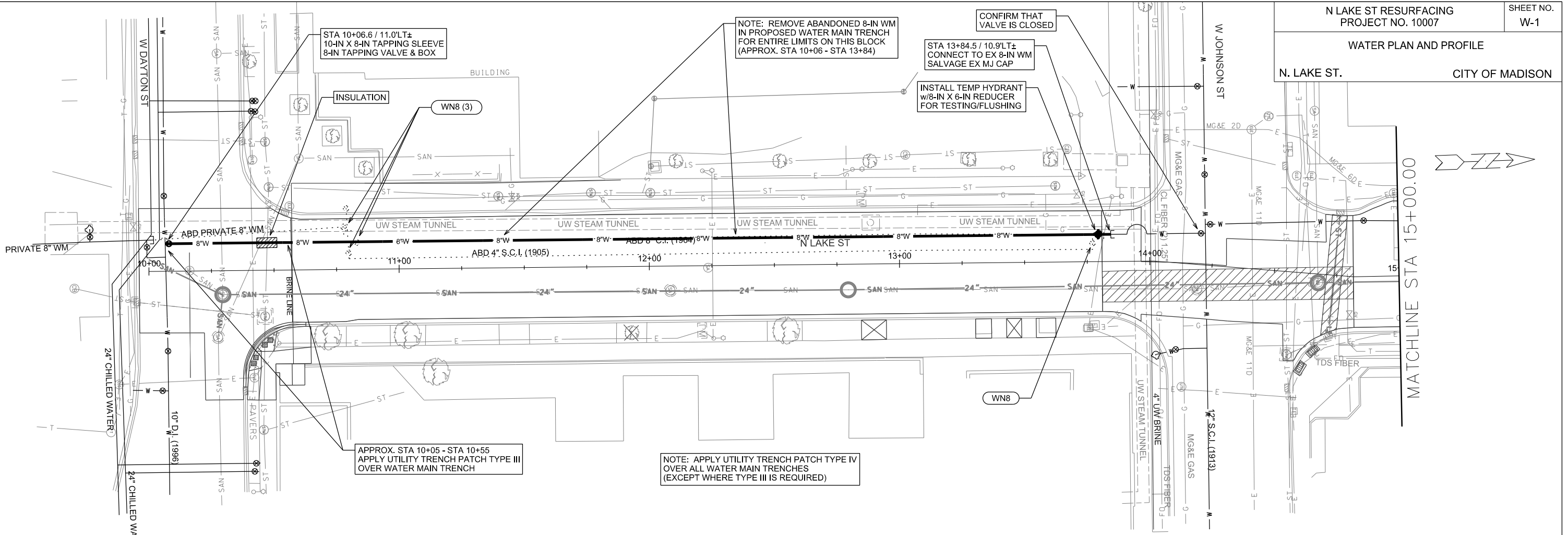
NOTE: PLAN LENGTH IS FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE. PIPE LENGTH IS ACTUAL LENGTH OF PIPE FROM STRUCTURE WALL TO STRUCTURE WALL. SLOPE CALCULATED USING PIPE LENGTH.

STANDARD NOTES:

- 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 COREY OF CITY ENGINEERING AT (608) 266-9721 FOR PRECAST APPROVALS, FAX SHOP DRAWINGS TO (608)264-9275, OR EMAIL SHOP DRAWINGS TO CSTELLJES@CITYOFMADISON.COM.

WATER PLAN AND PROFILE

N. LAKE ST. CITY OF MADISON



STA 10+06.6 / 11.0'LT±
10-IN X 8-IN TAPPING SLEEVE
8-IN TAPPING VALVE & BOX

NOTE: REMOVE ABANDONED 8-IN WM
IN PROPOSED WATER MAIN TRENCH
FOR ENTIRE LIMITS ON THIS BLOCK
(APPROX. STA 10+06 - STA 13+84)

CONFIRM THAT
VALVE IS CLOSED

INSTALL TEMP HYDRANT
W/8-IN X 6-IN REDUCER
FOR TESTING/FLUSHING

STA 13+84.5 / 10.9'LT±
CONNECT TO EX 8-IN WM
SALVAGE EX MJ CAP

APPROX. STA 10+05 - STA 10+55
APPLY UTILITY TRENCH PATCH TYPE III
OVER WATER MAIN TRENCH

NOTE: APPLY UTILITY TRENCH PATCH TYPE IV
OVER ALL WATER MAIN TRENCHES
(EXCEPT WHERE TYPE III IS REQUIRED)

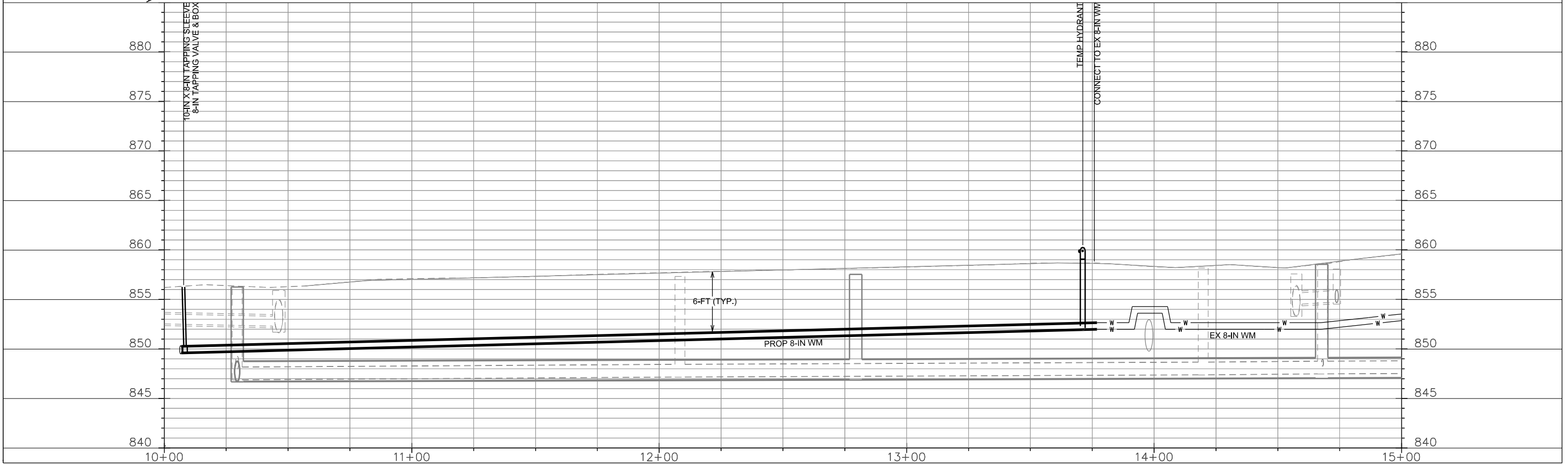


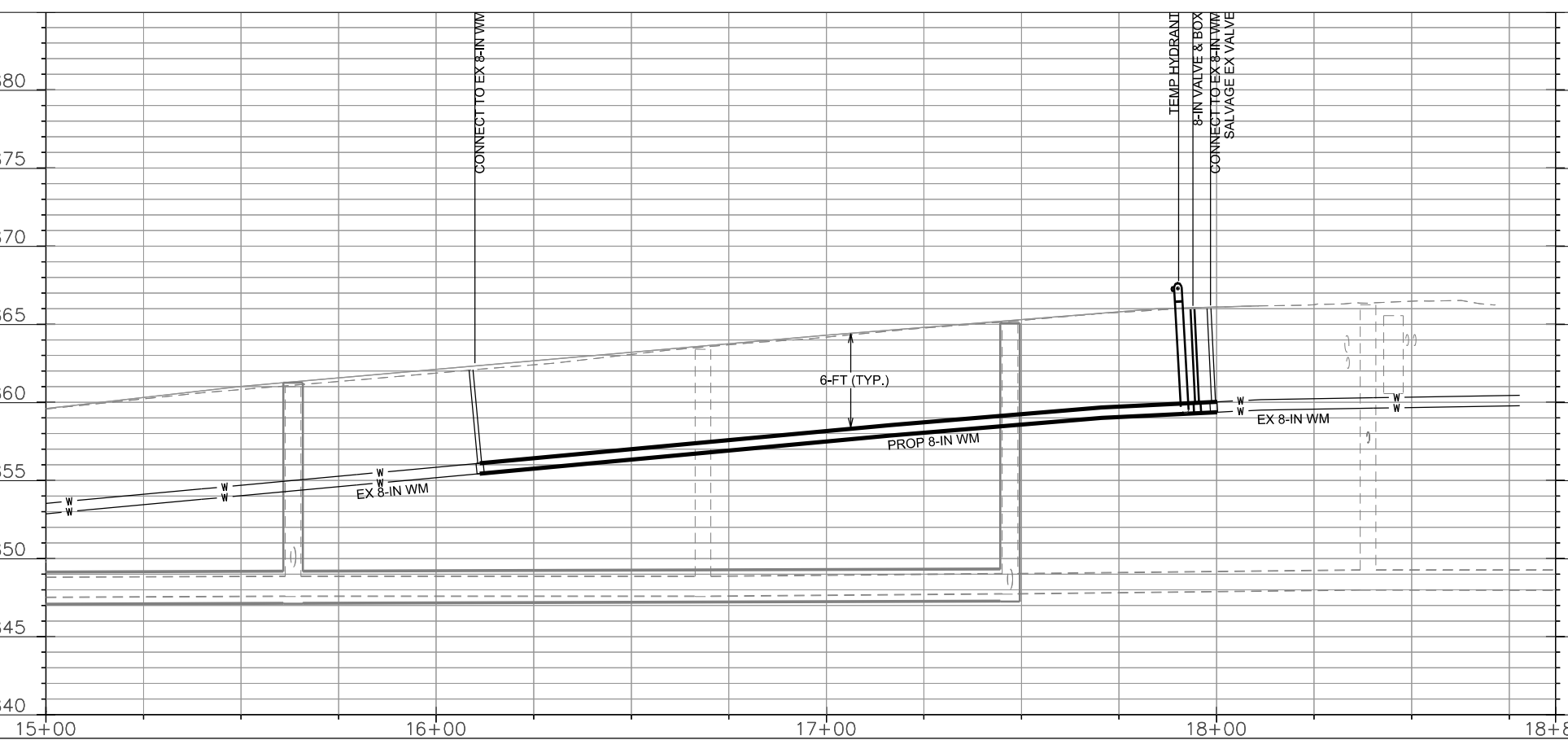
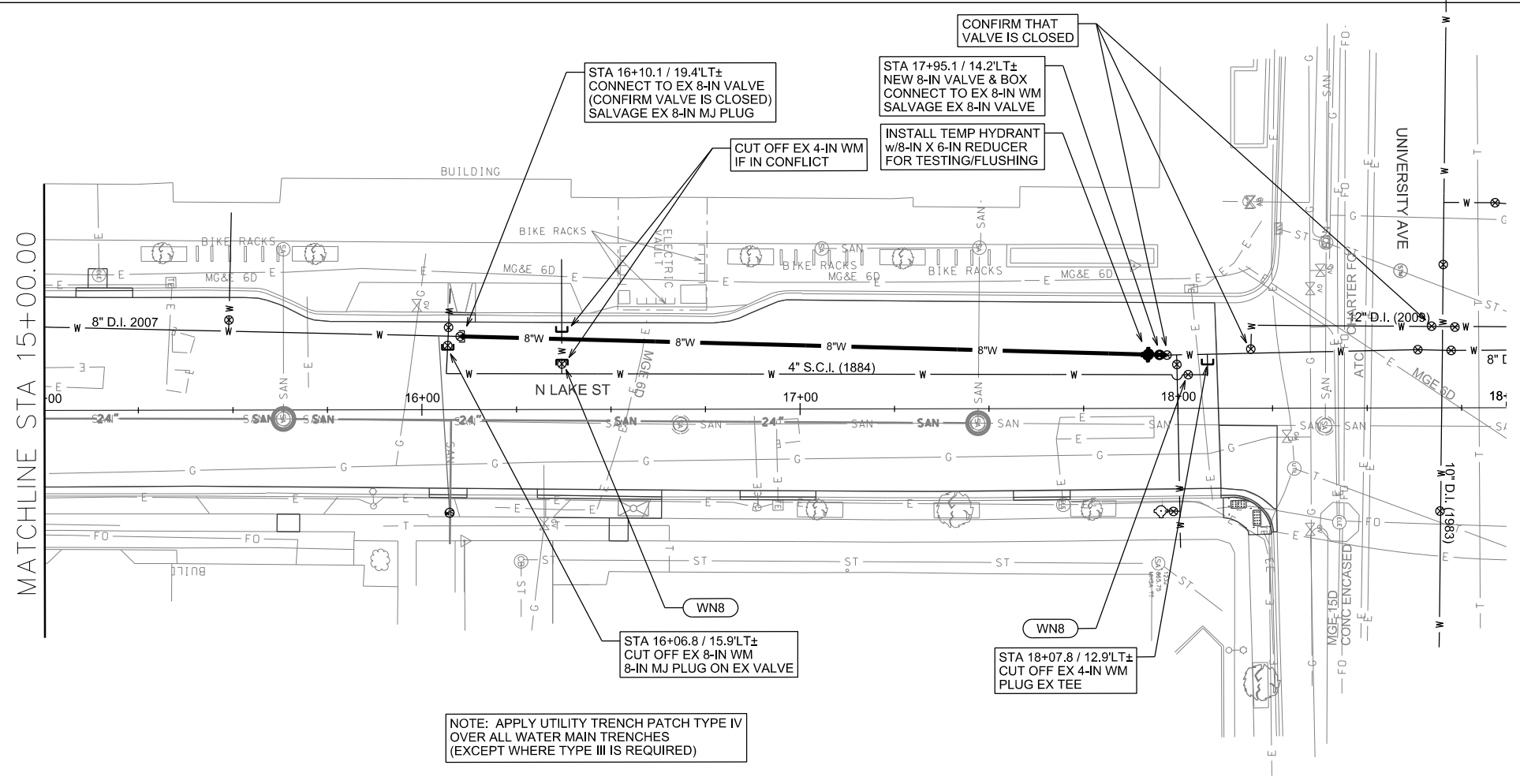
PLOT SCALE: _____

PLOT NAME: _____

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ORIGINATOR: CITY OF MADISON, STREETS DIVISION



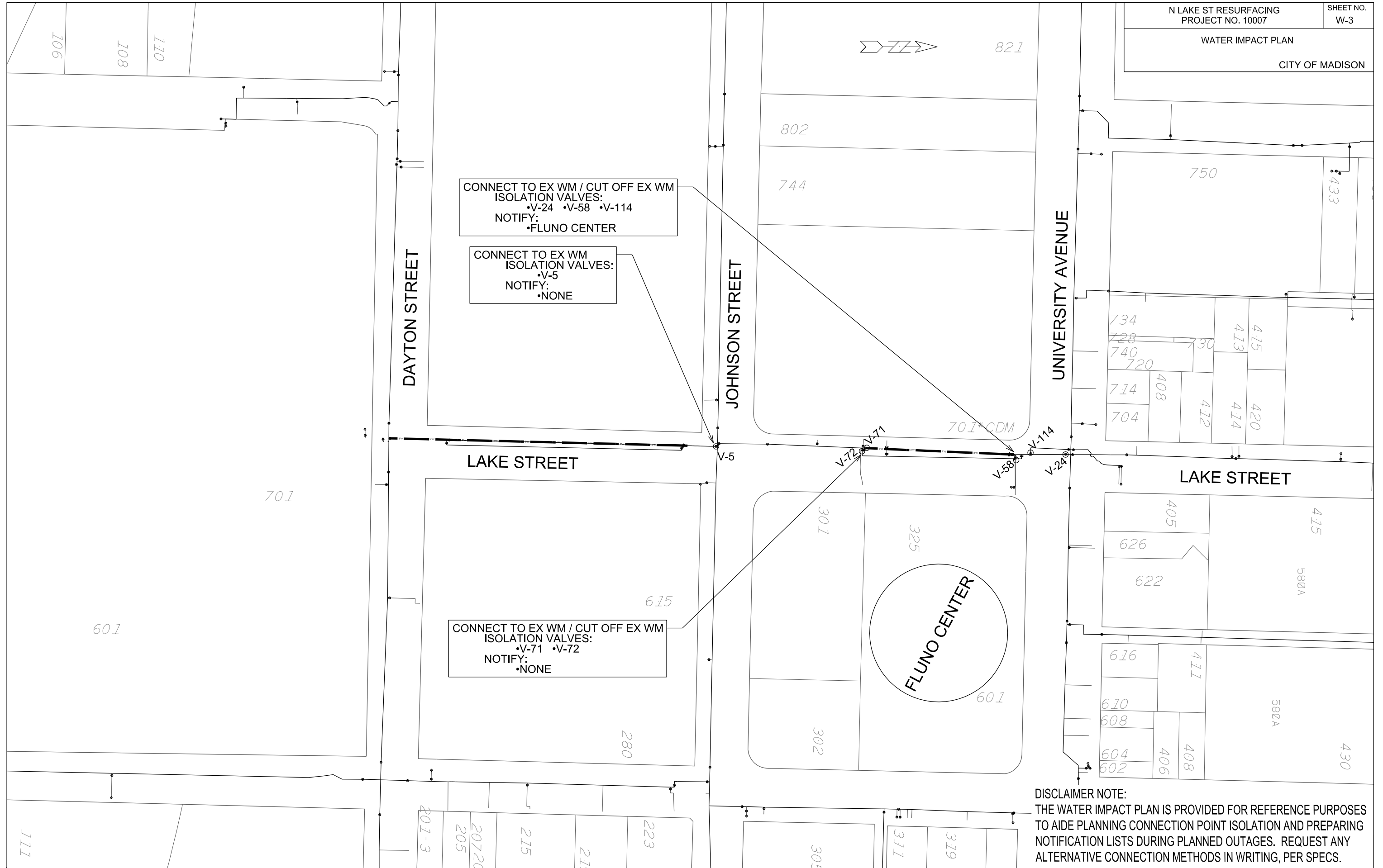


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DISCLAIMER NOTE:
THE WATER IMPACT PLAN IS PROVIDED FOR REFERENCE PURPOSES TO AIDE PLANNING CONNECTION POINT ISOLATION AND PREPARING NOTIFICATION LISTS DURING PLANNED OUTAGES. REQUEST ANY ALTERNATIVE CONNECTION METHODS IN WRITING, PER SPECS.

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

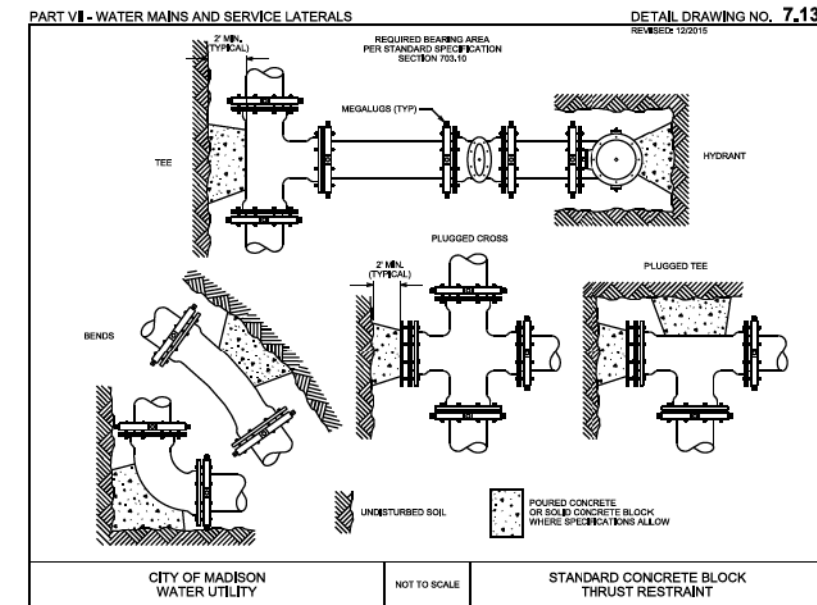
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

CONSTRUCTION NOTES:

1. CONSTRUCT NEW WATER MAIN 6.0' BELOW FINISHED GRADE, UNLESS OTHERWISE NOTED. INSULATE MAIN WITH POLYSTYRENE BOARD AT UTILITY CROSSINGS OR OTHER AREAS IDENTIFIED BY ENGINEER AS HAVING INADEQUATE COVER.
2. VERIFY SIZE OF EXISTING WATER SERVICES AND RECONNECT SERVICES AS INDICATED.
3. MINIMIZE DISRUPTION OF SERVICE TO EXISTING CUSTOMERS. NOTIFY PER CONTRACT REQUIREMENTS OF ANY PLANNED WATER OUTAGE.
4. THE EXISTING UTILITIES SHOWN ON THIS PLAN REPRESENT THE BEST INFORMATION AVAILABLE TO THE WATER UTILITY AT THE TIME OF PLAN PREPARATION. CONTRACTOR IS RESPONSIBLE FOR HAVING EACH UTILITY LOCATED PRIOR TO COMMENCING WORK.

 INDICATES INSULATION AT STORM SEWER CROSSING

- 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



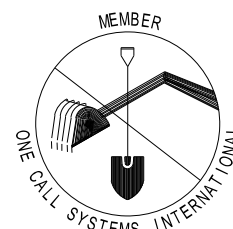
ESTIMATE OF PROJECT MATERIALS:

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

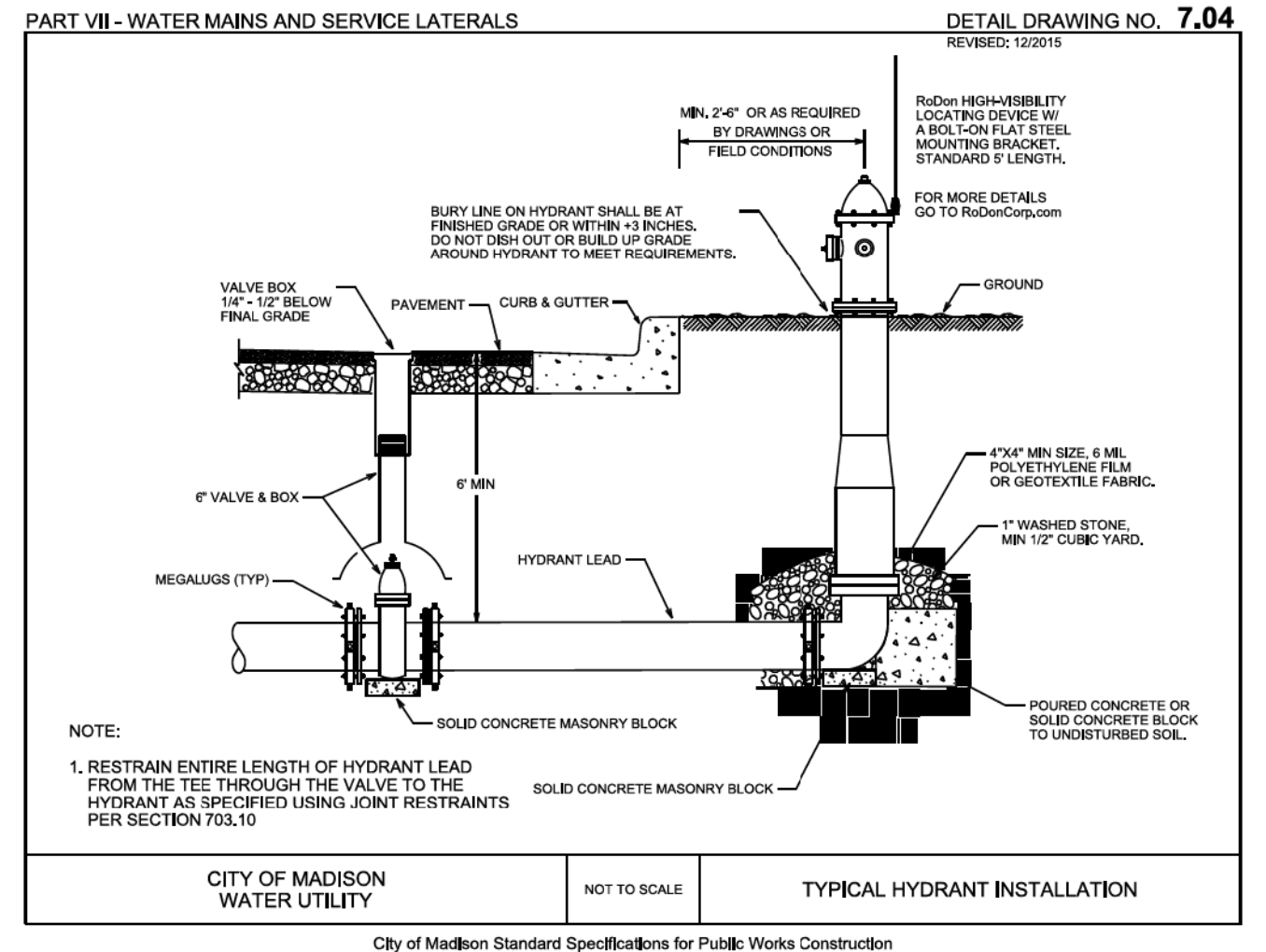
CONTRACTOR MATERIALS	TOTAL
8-IN PIPE (LF)	570
POLY WRAP (LF)	627
8-IN VALVES & BOXES	1
4-IN MJ CAP	2
4-IN MJ PLUG	1
8-IN MJ PLUG	1
2-IN STYROFOAM INSULATION (LF)	8
5-IN HYDRANT (TEMP)	2
8-IN X 6-IN REDUCER (TEMP)	2
CITY MATERIALS	TOTAL
10-IN X 8-IN TAPPING SLEEVE	1
8-IN TAPPING VALVE	1
SALVAGED MATERIALS	TOTAL
8-IN MJ CAP	1
8-IN MJ PLUG	1
8-IN VALVE	1

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

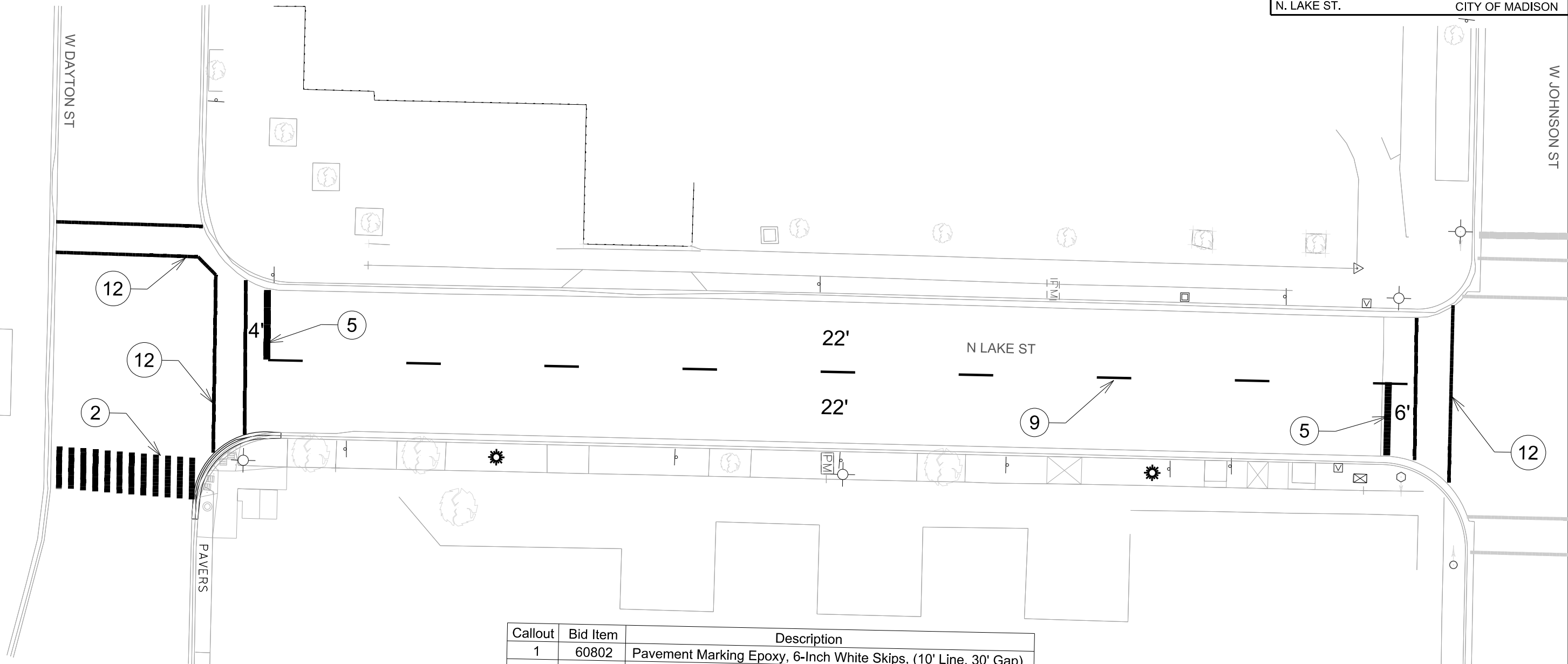
WIS. STATUTE 182.0175 (1974)
REQUIRES MIN. OF 3 WORK DAYS
NOTICE BEFORE YOU EXCAVATE.



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.

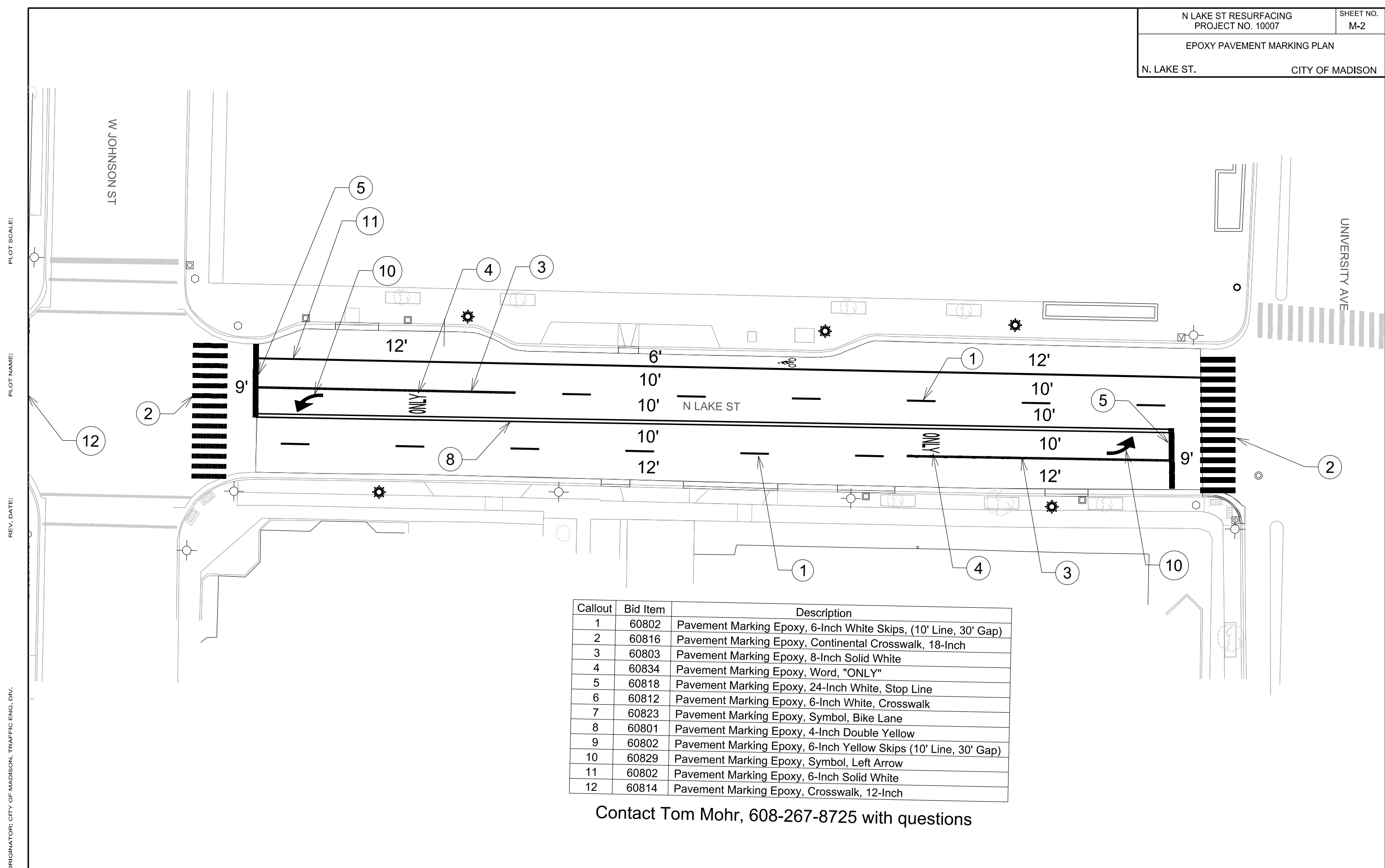


PLOT SCALE:
 PLOT NAME:
 REV. DATE:
 ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



Callout	Bid Item	Description
1	60802	Pavement Marking Epoxy, 6-Inch White Skips, (10' Line, 30' Gap)
2	60816	Pavement Marking Epoxy, Continental Crosswalk, 18-Inch
3	60803	Pavement Marking Epoxy, 8-Inch Solid White
4	60834	Pavement Marking Epoxy, Word, "ONLY"
5	60818	Pavement Marking Epoxy, 24-Inch White, Stop Line
6	60812	Pavement Marking Epoxy, 6-Inch White, Crosswalk
7	60823	Pavement Marking Epoxy, Symbol, Bike Lane
8	60801	Pavement Marking Epoxy, 4-Inch Double Yellow
9	60802	Pavement Marking Epoxy, 6-Inch Yellow Skips (10' Line, 30' Gap)
10	60829	Pavement Marking Epoxy, Symbol, Left Arrow
11	60802	Pavement Marking Epoxy, 6-Inch Solid White
12	60814	Pavement Marking Epoxy, Crosswalk, 12-Inch

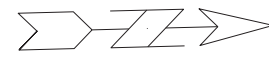
Contact Tom Mohr, 608-267-8725 with questions



Callout	Bid Item	Description
1	60802	Pavement Marking Epoxy, 6-Inch White Skips, (10' Line, 30' Gap)
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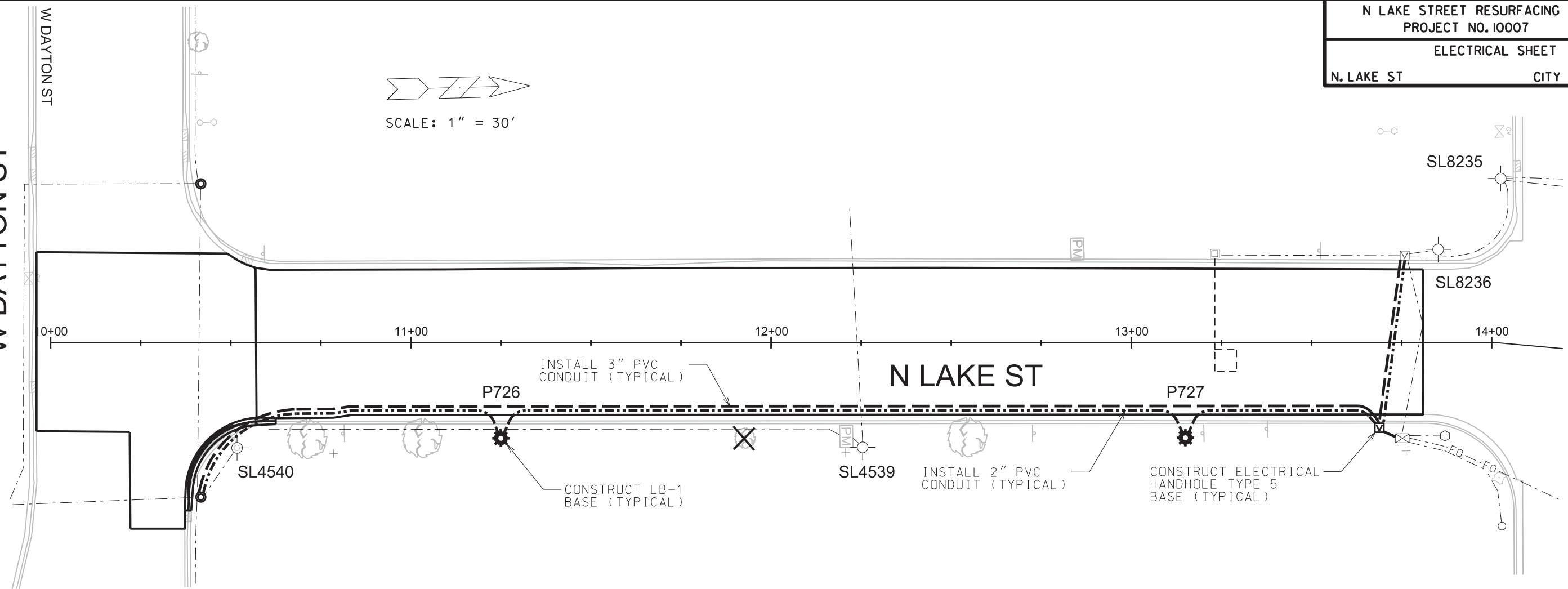
PLOT SCALE:
PLOT NAME:
REV. DATE:
ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



SCALE: 1" = 30'

W DAYTON ST

W JOHNSON ST



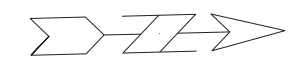
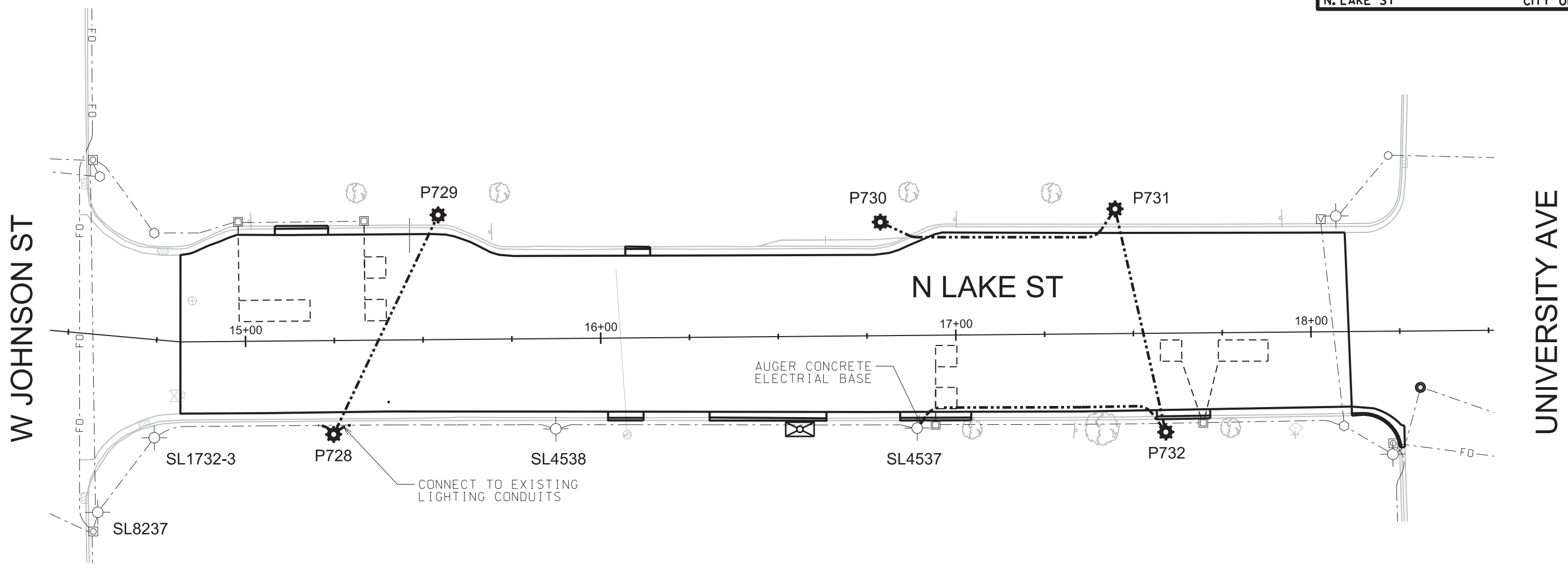
LEGEND

- PLACE STREET LIGHTING PVC CONDUIT, 2" UNLESS NOTED AS OTHER
- PLACE SIGNAL/COMMUNICATION PVC CONDUIT, 3" UNLESS NOTED AS OTHER
- EXISTING STREET LIGHTING/TRAFFIC SIGNAL CONDUIT
- EXISTING CONDUIT WITH FIBER OPTIC CABLE
- ☒ CONSTRUCT ELECTRICAL HANDHOLE TYPE 5
- ⚙ CONSTRUCT LB-1 BASE
- ⊗ EXISTING STREET LIGHT POLE/BASE
- EXISTING TRAFFIC SIGNAL POLE/BASE
- ◻ EXISTING TYPE-1 ELECTRICAL HANDHOLE
- ◻ EXISTING TYPE-3 ELECTRICAL HANDHOLE
- ◻ EXISTING TYPE-5 ELECTRICAL HANDHOLE
- EXISTING ELECTRICAL ACCESS STRUCTURE
- ⊠ EXISTING CONTROLLER CABINET BASE
- ┌┐ LOOP DETECTOR TO BE INSTALLED BY CITY CREWS (SEE GENERAL NOTES #6 & #7)

GENERAL ELECTRICAL NOTES:

1. ALL LOCATIONS ARE APPROXIMATE. THE TRAFFIC ENGINEER SHALL APPROVE FINAL LOCATIONS INCLUDING SETBACK IN THE FIELD. AFTER CONTRACTOR SURVEYS STAKING, THE CONTRACTOR SHALL NOTIFY BRIAN SMITH (261-9625) CITY TRAFFIC ENGINEERING, AT LEAST 24-HOURS IN ADVANCE OF NEEDING BASE LOCATIONS MARKED.
2. THE CONTRACTOR SHALL DO ALL WORK IN ACCORDANCE WITH CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION 2016 EDITION AND ALL ADDENDUMS THERETO. ALL CONDUIT SHALL BE PVC SCHEDULE 80 UNDER PAVEMENT OR SCHEDULE 40 OTHERWISE. PULL WIRE REQUIRED AS PER STANDARD SPECIFICATIONS.
3. THE CONTRACTOR SHALL CALL MIKE CHRISTOPH (266-4767) AT THE TRAFFIC ENGINEERING SHOP AT LEAST 24-HOURS IN ADVANCE OF POURING BASES OR BURYING CONDUIT TO ARRANGE FOR INSPECTION.
4. PRIOR TO INTERCEPTING THE EXISTING STREET LIGHT CONDUIT TO INSTALL LIGHT POLE BASE P728, THE CONTRACTOR IS REQUIRED TO COORDINATE WITH TRAFFIC ENGINEERING, MIKE CHRISTOPH, TO HAVE CITY CREWS INSTALL TEMPORARY OVERHEAD CABLES BETWEEN THE EXISTING STREET LIGHT POLES 1732-3 AND 4538.
5. ALL EXISTING CONDUITS ARE TO REMAIN UNLESS AND UNTIL AUTHORIZED TO REMOVE BY TRAFFIC ENGINEERING.
6. THE CONTRACTOR SHALL INSTALL LOOP LEAD DUCT CONDUITS PRIOR TO CITY CREWS INSTALLING LOOP DETECTOR WIRES. NOTIFY MIKE CHRISTOPH (266-4767) A MINIMUM OF 24 HOURS AND MAXIMUM OF 48 HOURS PRIOR TO FINAL BASE COURSE COMPACTION AND TRIMMING FOR CITY CREWS TO INSTALL LOOP DETECTION WIRES IN THE BASE COURSE PRIOR TO PLACEMENT OF ASPHALTIC PAVEMENT.
7. THE FOLLOWING CITY FURNISHED MATERIALS ARE TO BE PICKED UP AT THE TRAFFIC TRAFFIC OPERATION SHOP, 1120 SAYLE STREET. NOTIFY DENNIS ROWE AT 266-9034 TWENTY FOUR (24) HOURS PRIOR TO PICKING UP THE MATERIAL.

3/4" x 24" ANCHOR BOLTS: 28



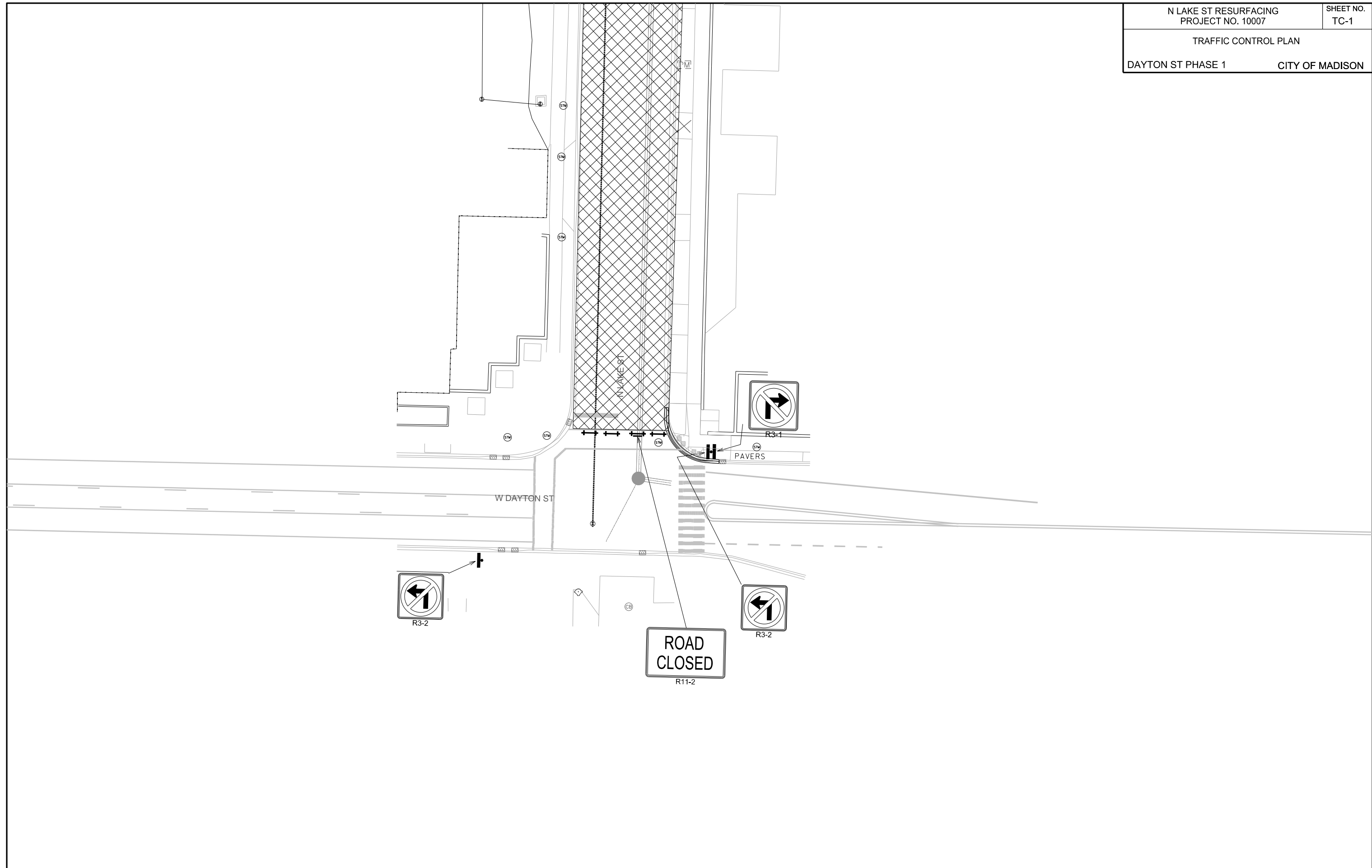
SCALE: 1" = 30'

PLOT SCALE:

 PLOT NAME:

 REV. DATE:

 ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

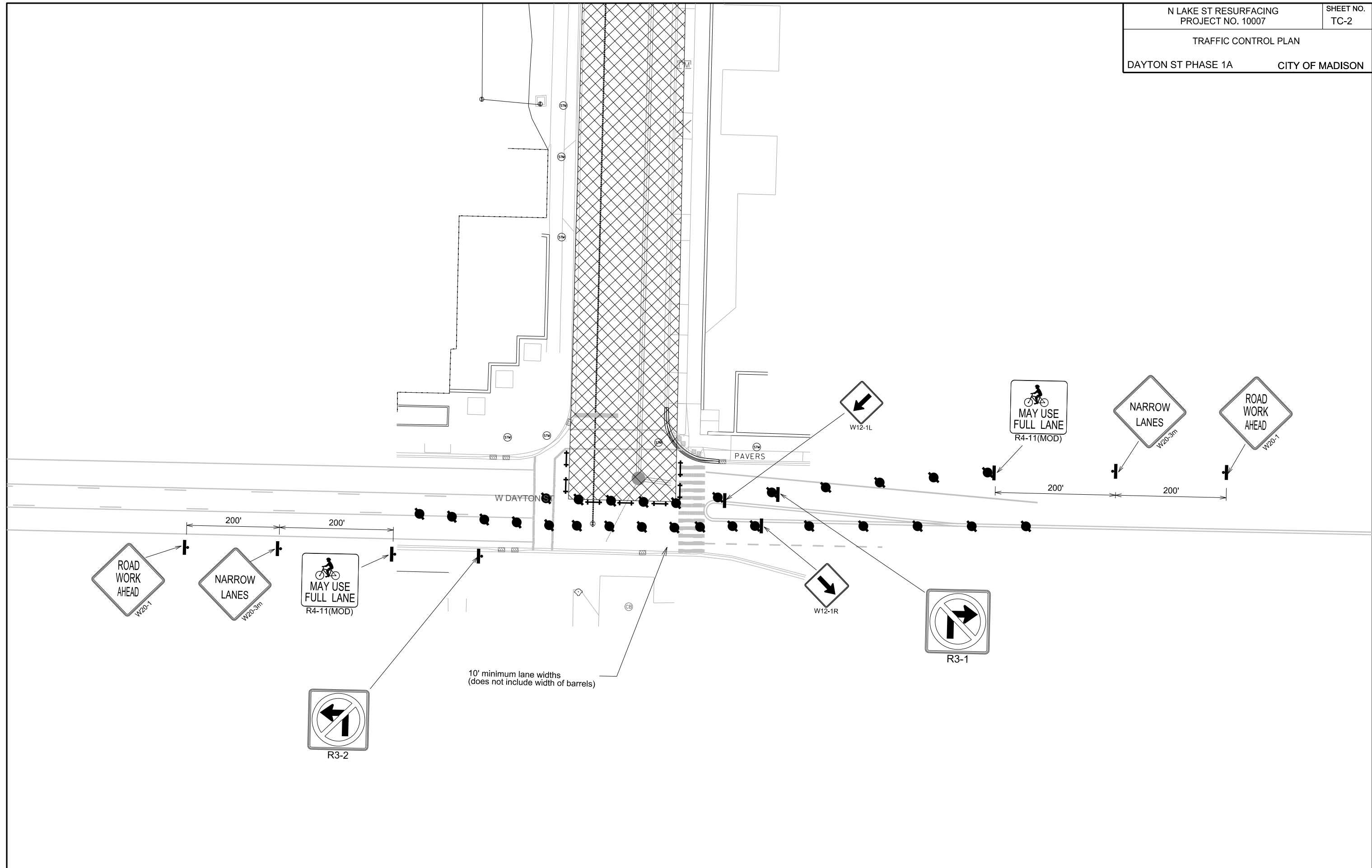


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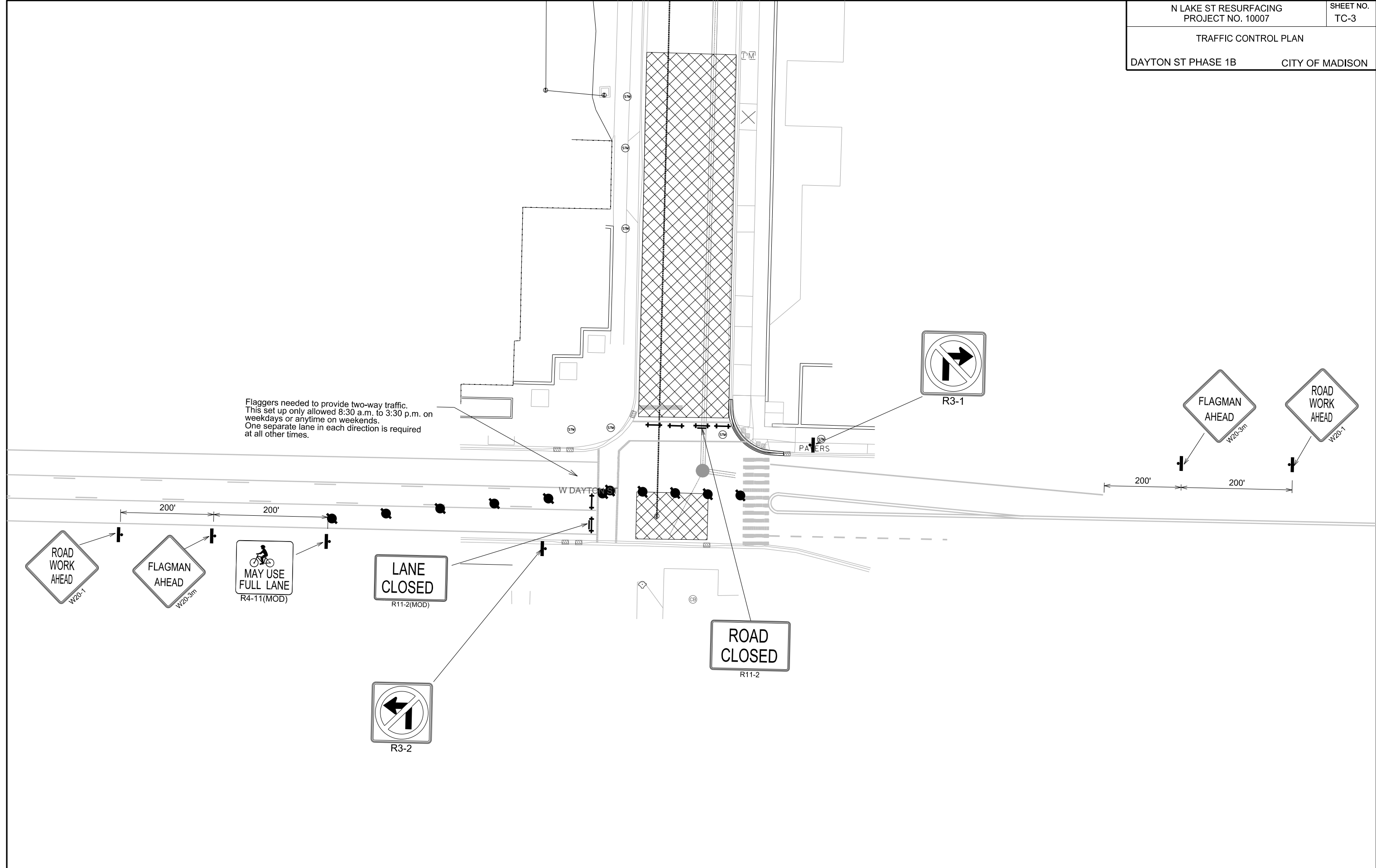


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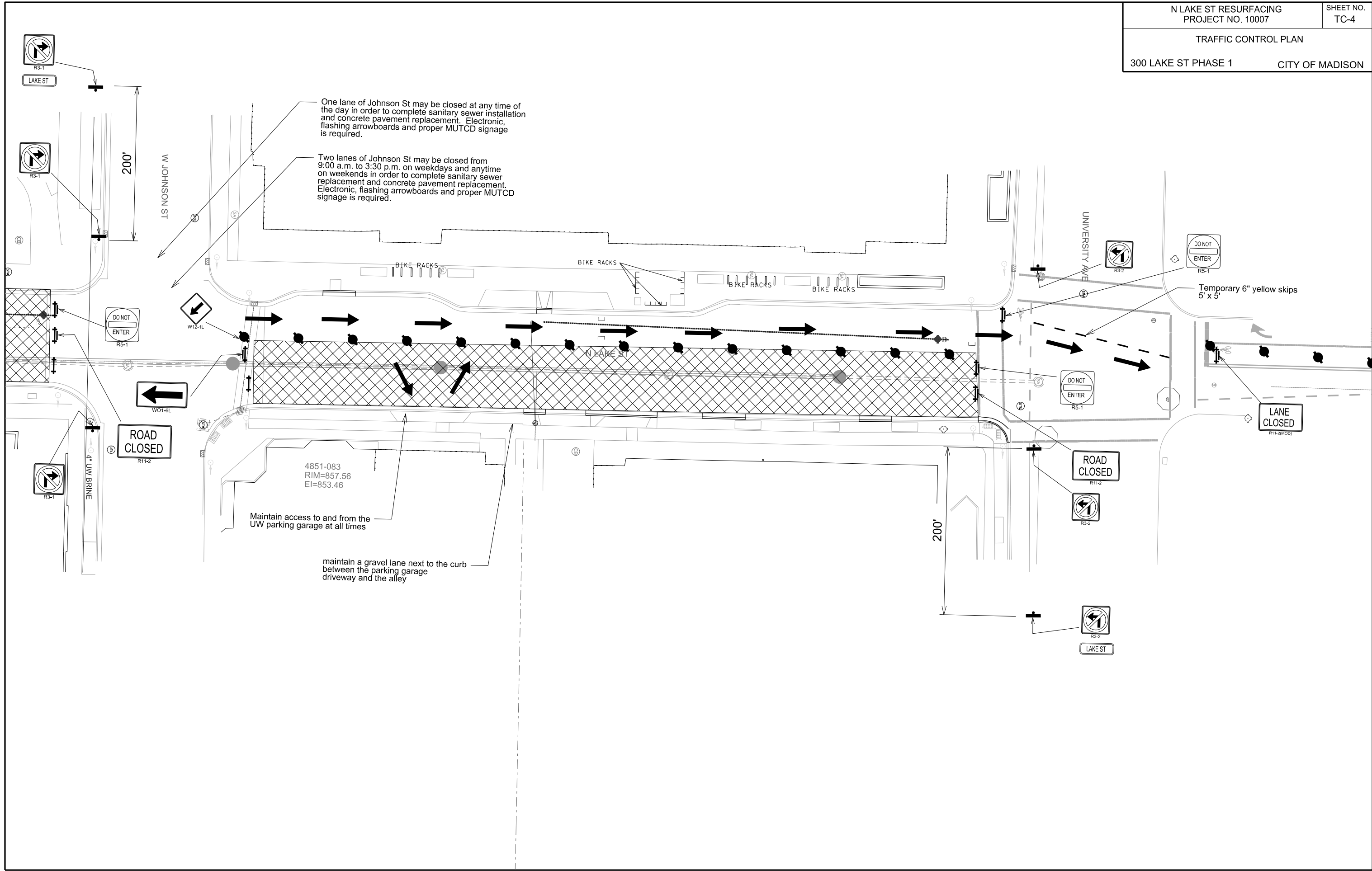


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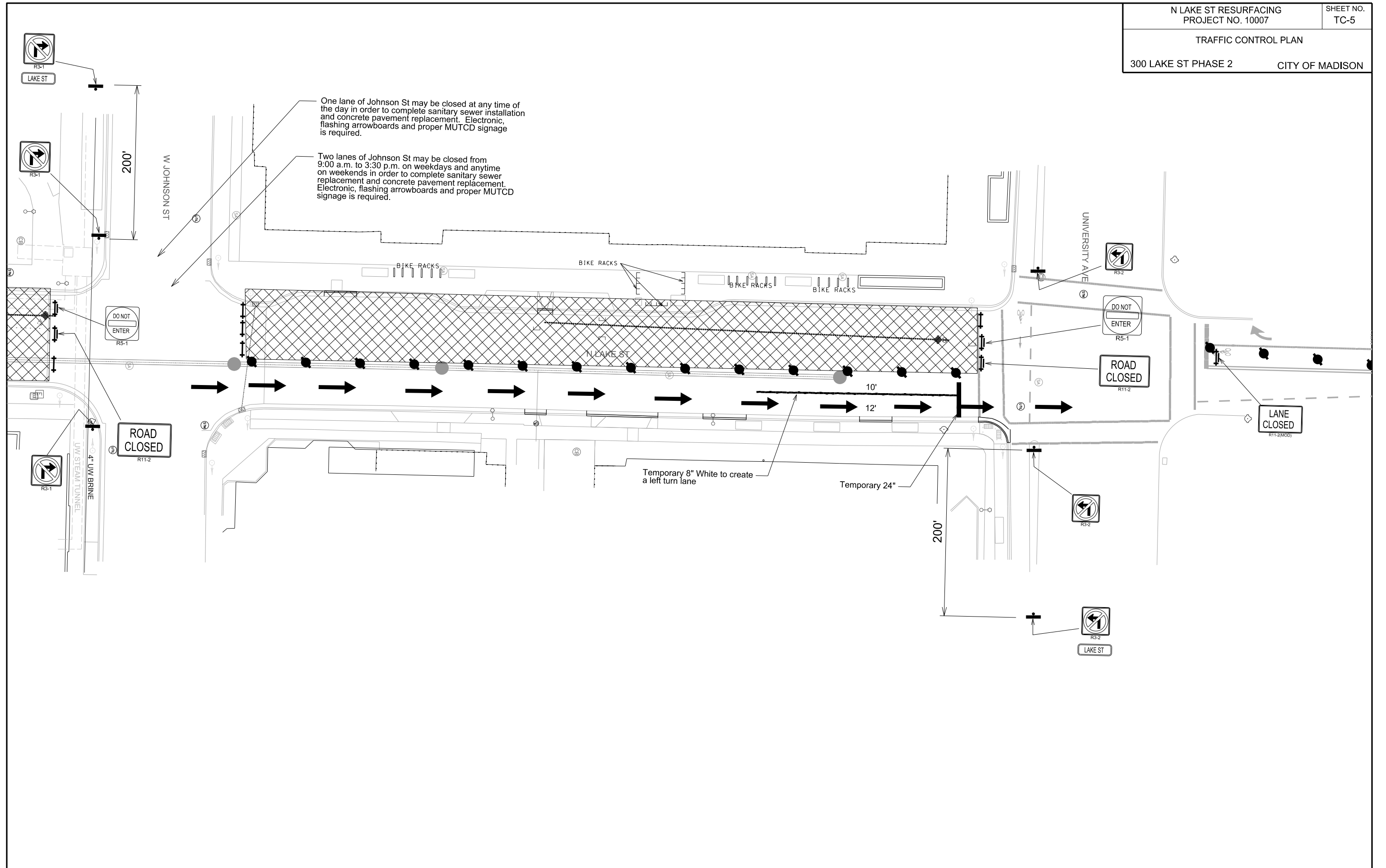


PLOT SCALE:

PLOT NAME:

REV. DATE:

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CROSS SECTIONS

N. LAKE ST.

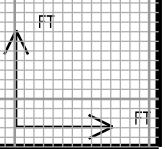
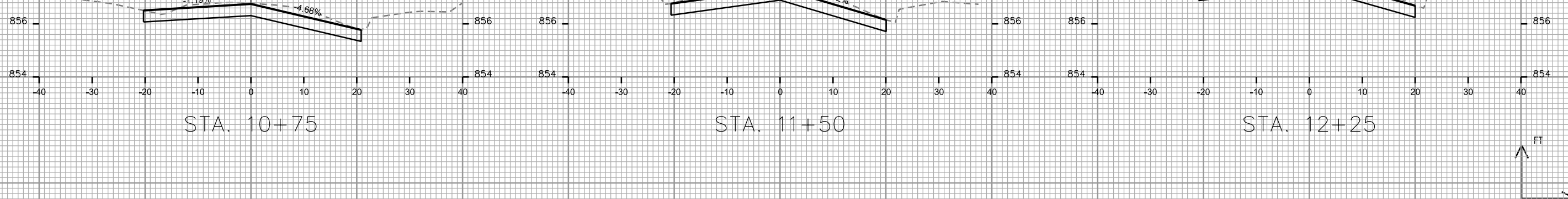
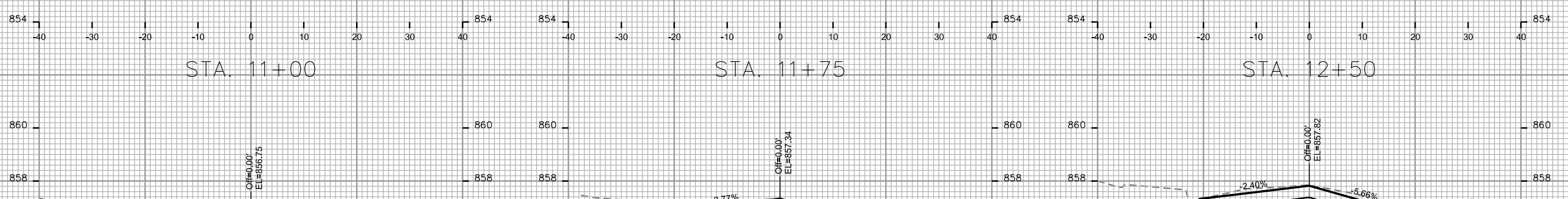
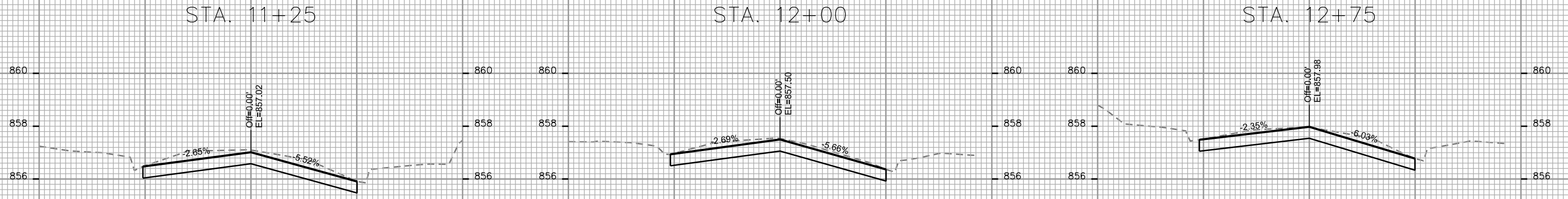
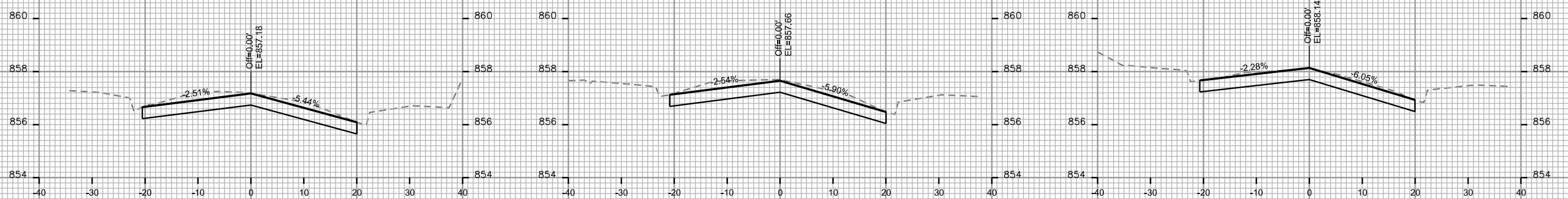
CITY OF MADISON

PLOT SCALE:

PLOT NAME:

REV. DATE:

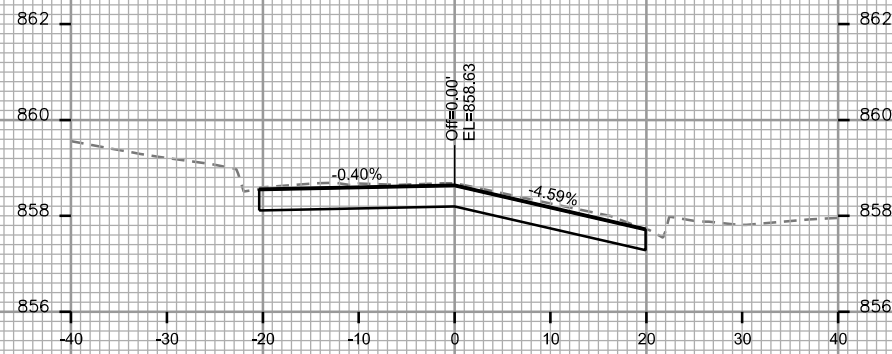
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



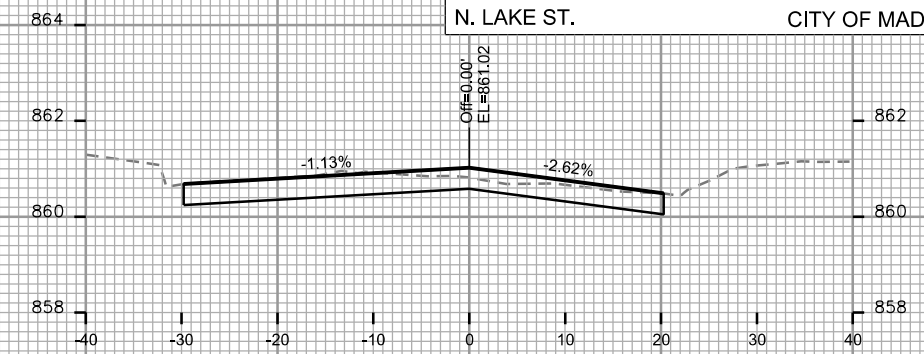
CROSS SECTIONS

N. LAKE ST.

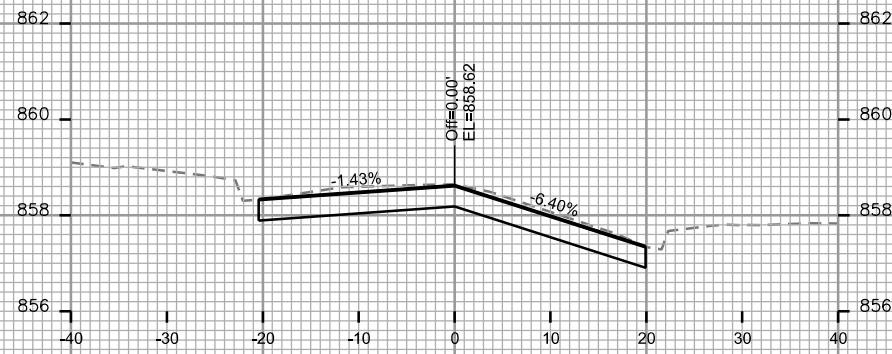
CITY OF MADISON



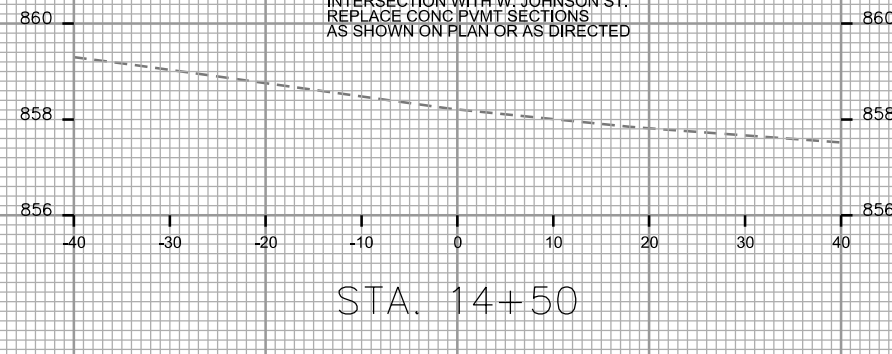
STA. 13+75



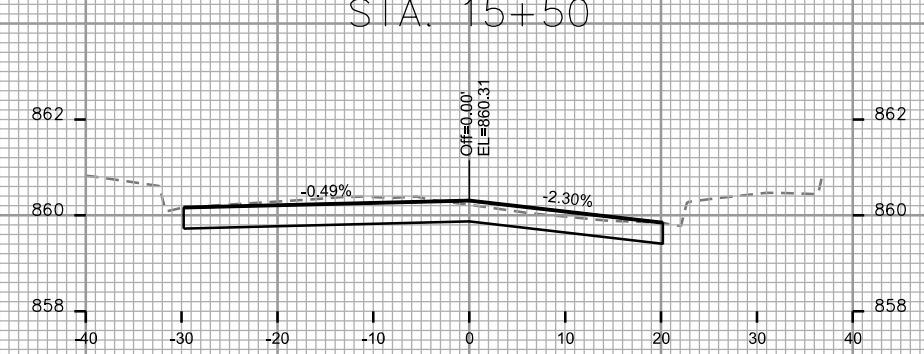
STA. 15+50



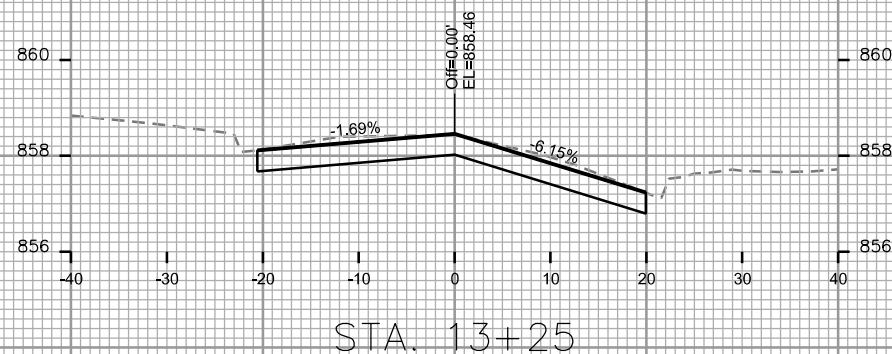
STA. 13+50



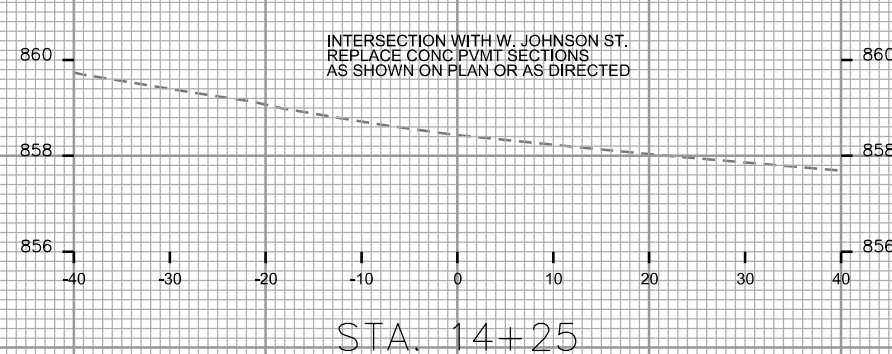
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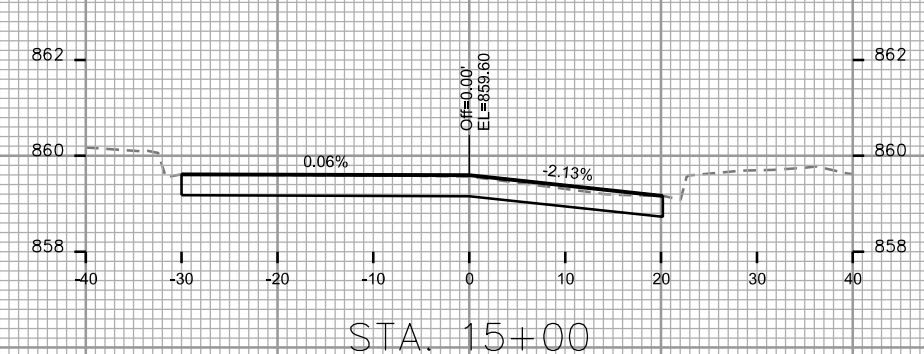
STA. 15+25



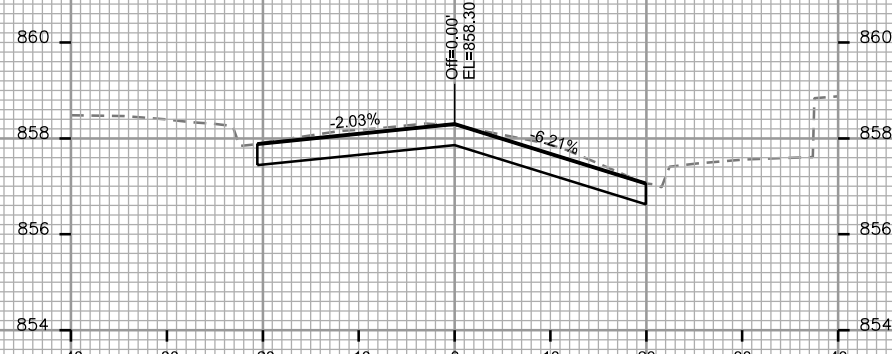
STA. 13+25



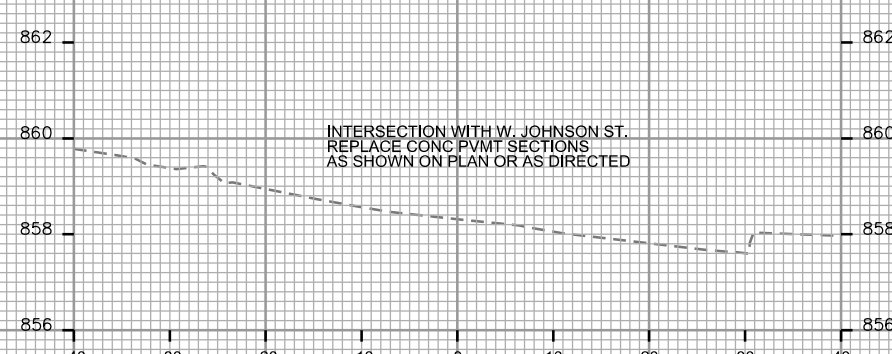
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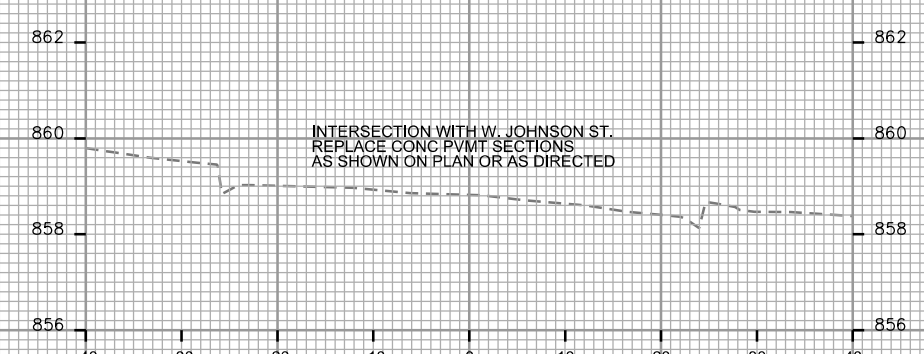
STA. 15+00



STA. 13+00



STA. 14+00



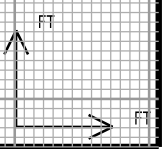
STA. 14+75

INTERSECTION WITH W. JOHNSON ST.
REPLACE CONC PVMT SECTIONS
AS SHOWN ON PLAN OR AS DIRECTED

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REV. DATE:

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CROSS SECTIONS

N. LAKE ST.

CITY OF MADISON

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

