

Madison, Wisconsin

CITY OF MADISON

CITY ENGINEERING DIVISION

DEPARTMENT OF PUBLIC WORKS

PLAN OF PROPOSED IMPROVEMENT

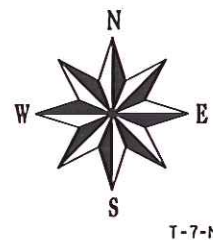
STATE STREET RECONSTRUCTION

ASSESSMENT DISTRICT-2014

CITY PROJECT NO. 53W1193
CONTRACT NO. 7206

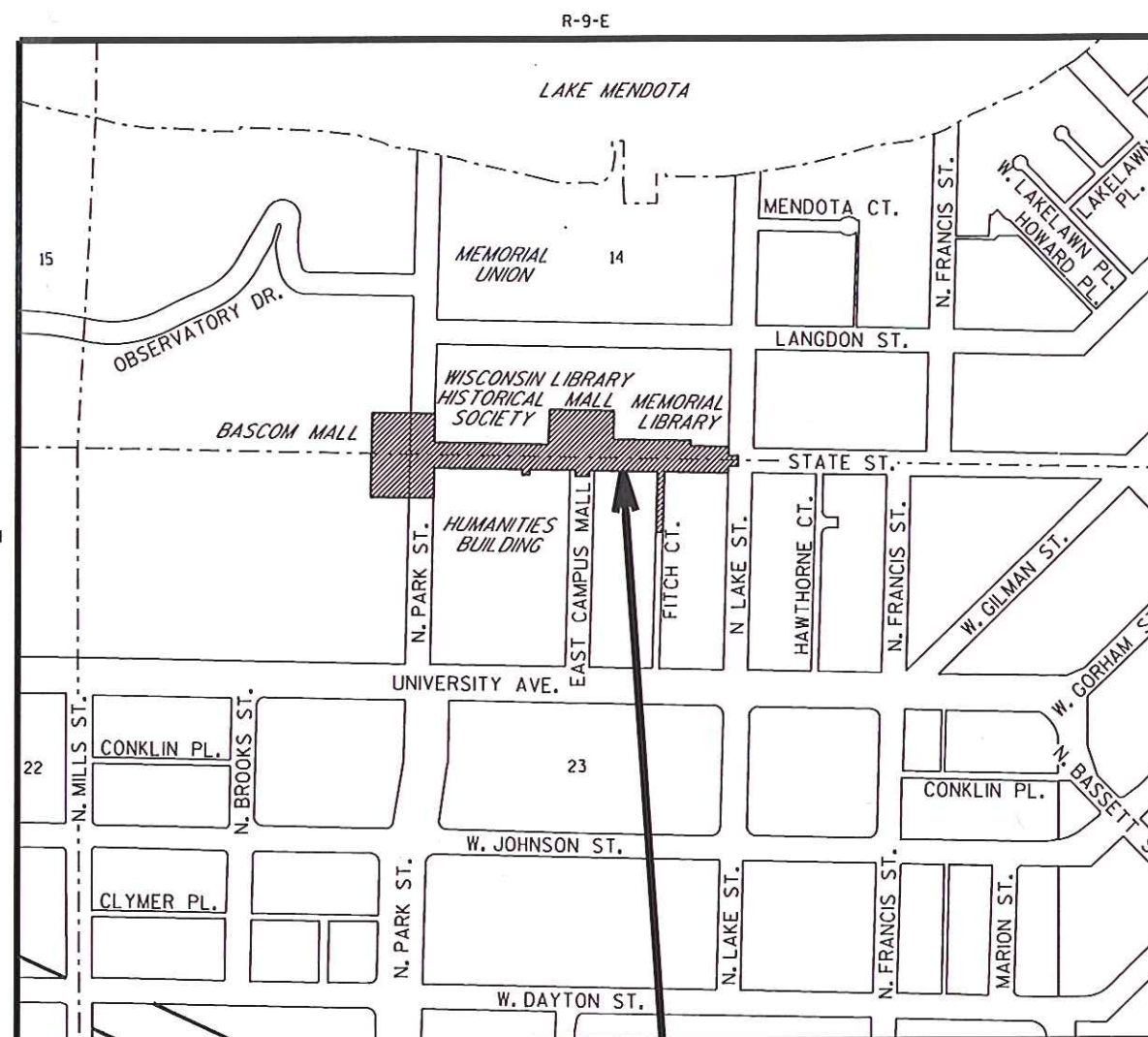
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CONVENTIONAL SIGNS	
FIELD VERIFY ALL UTILITY LOCATIONS	
GAS	— G —
STORM SEWER	— ST —
SANITARY SEWER	— SAN —
WATER	— W —
OVERHEAD ELECTRIC	— OH —
POWER POLE	— P —
ADA COMPLIANT RAMP W/ DETECTABLE WARNING FIELD	— ADA —
COMBUSTIBLE FLUIDS	— CF —

EARTH WORK SUMMARY:
EXCAVATION CUT (MEASURED PLAN QUANTITY).....3,800 C.Y.
ESTIMATED UNDISTRIBUTED UNDERCUT.....400 C.Y.
TOTAL UNCLASSIFIED EXCAVATION CUT.....4,200 C.Y.



CONSTRUCTION
PROJECT LOCATION

PUBLIC IMPROVEMENT PROJECT APPROVED
JANUARY 21, 2014

BY THE COMMON COUNCIL
OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN
APPROVED BY:

 3/5/14
City Engineer Date

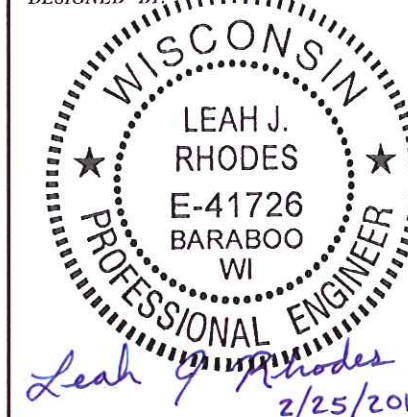
ORIGINAL PLANS
DESIGNED BY:

MSA

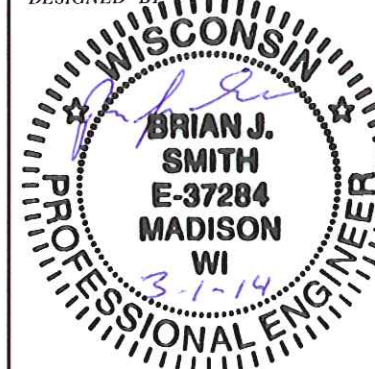
PROFESSIONAL SERVICES
TRANSPORTATION • MUNICIPAL • REMEDIATION
DEVELOPMENT • ENVIRONMENTAL

2901 International Lane, Suite 300 Madison, WI 53704
608-242-7779 1-800-446-0679 Fax: 608-242-5654

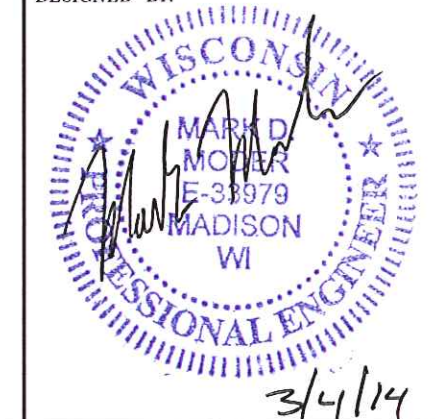
STRUCTURES
DESIGNED BY:



STREET LIGHTING/ELECTRIC
DESIGNED BY:



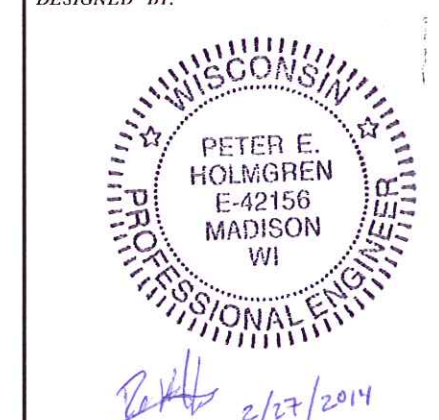
SANITARY SEWER
DESIGNED BY:



STREETSCAPING
DESIGNED BY:



WATERMAIN
DESIGNED BY:



PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

GENERAL NOTES

ELEVATIONS SHOWN ON THIS PLAN ARE BASED ON NORTH AMERICAN VERTICAL DATUM 1988 (NAVD88), AS PROVIDED BY THE CITY OF MADISON.

WHEN THE QUANTITY OF THE ITEMS OF BASE OR SURFACE COURSE IS MEASURED FOR PAYMENT BY THE TON OR CUBIC YARD, THE DEPTH OR THICKNESS OF THE COURSE SHOWN ON THE PLANS IS APPROXIMATE, AND THE ACTUAL THICKNESS WILL DEPEND ON THE DISTRIBUTION OF THE MATERIAL AS DIRECTED BY THE ENGINEER OR AS DETAILED IN THE PLANS.

ALL LENGTHS ARE IN FEET EXCEPT AS SHOWN.

STORM SEWER LENGTHS ARE TO CENTER OF STRUCTURES.

INLET OFFSETS GIVEN TO CENTER OF STRUCTURE.

ELEVATIONS SHOWN ON THE STORM SEWER SHEETS ARE AT THE CENTER OF STRUCTURE. A MINIMUM 4 INCHES OF ADJUSTMENT RINGS REQUIRED EXCEPT AS NOTED ON STORM SEWER DETAILS.

MISCELLANEOUS REMOVAL ITEMS REQUIRING RESTORATION OF CONCRETE OR ASPHALTIC CONCRETE DRIVEWAYS, SIDEWALKS, OR SIDE STREETS SHALL BE REMOVED TO AN EXISTING JOINT OR SAWED AS DETERMINED BY THE ENGINEER, OR AS SHOWN ON THE PLANS.

EARTHWORK WASTE MATERIAL SHOWN ON THE EARTHWORK SUMMARY SHALL BE HAULED FROM THE PROJECT, EXCEPT AS DIRECTED BY ENGINEER.

RADIUS DIMENSIONS FOR THE CURB AND GUTTER ARE TO THE FACE OF CURB.

THE CLEAR ZONE BEHIND CURB AND GUTTER IS 2 FEET FROM THE FACE OF THE CURB.

THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE AREA THAT ARE NOT SHOWN. THE CONTRACTOR SHALL NOTIFY DIGGERS HOTLINE AND ALL OTHER UTILITIES IN THE VICINITY OF THE PROJECT TO LOCATE THEIR FACILITIES AT LEAST 3 WORKING DAYS PRIOR TO BEGINNING WORK.

NO TREES OR SHRUBS ARE TO BE REMOVED WITHOUT APPROVAL OF THE ENGINEER.

PRIOR TO ORDERING DRAINAGE PIPES, THE CONTRACTOR SHALL VERIFY RELATED DRAINAGE INFORMATION IN THE PLANS AND RESOLVE ALL CONFLICT VERIFICATIONS, BY WAY OF ULO'S, WITH THE ENGINEER.

ALL FRAMES AND GRATES ON EXISTING STRUCTURES SHALL BE DELIVERED TO 1602 EMIL STREET, ENGINEERING SERVICES. CONTRACTOR SHALL CALL 266-4430 TO MAKE ARRANGEMENTS FOR SAID DELIVERY. THE CONTRACTOR WILL BE RESPONSIBLE FOR UNLOADING THE FRAMES AND GRATES AT EMIL STREET.

THE LIMITS OF PAVEMENT AND SIDEWALK REMOVAL ARE APPROXIMATE AND SHALL BE VERIFIED IN THE FIELD BY THE ENGINEER.

EXPANSION JOINTS ARE TO BE CONSTRUCTED AT ALL RADIUS POINTS IN CURB AND GUTTER OR AT LOCATIONS SHOWN ON THE PLAN.

SAWING OF CONCRETE SIDEWALK SHALL BE INCIDENTAL TO THE BID ITEM OF REMOVE CONCRETE SIDEWALK AND DRIVE.

REMOVAL OF TEMPORARY ASPHALT SHALL BE INCIDENTAL TO THE TEMPORARY PAVEMENT ITEM.

EPOXY COATED PAVEMENT TIES AND DOWEL BARS ARE INCIDENTAL TO THE ADJACENT CONCRETE BID ITEMS.

PROOF ROLLING OF SUBBASE IS REQUIRED BEFORE PLACEMENT OF BASE COURSE & IS INCIDENTAL TO EXCAVATION CUT. PROOF ROLLING SHALL BE WITNESSED BY THE ENGINEER.

ALL CURB AND GUTTER REMOVAL SHALL BE TO AN EXISTING JOINT AS DIRECTED BY THE ENGINEER.

ALL ASPHALT REMOVAL SHALL BE PAID AS EXCAVATION CUT UNLESS PAID FOR UNDER ANOTHER BID ITEM.

THE REMOVAL OF ALL BRICK AND GRANITE PAVERS AND THEIR CONCRETE BASES SHALL BE PAID FOR AS REMOVE CONCRETE SIDEWALK AND DRIVE.

ALL CITY OF MADISON CONDUIT SHALL BE MAINTAINED UNLESS DIRECTED OTHERWISE BY THE ENGINEER

ALL WORK PERFORMED ON UW PROPERTY SHALL BE CONSTRUCTED PER UW TECHNICAL GUIDELINES AND STATE DFD STANDARD SPECIFICATIONS. CONTRACTOR SHALL INFORM THE UW-MADISON CIVIL ENGINEER WHEN AND WHAT WORK WILL BE PERFORMED ON UW PROPERTY FOR CONSTRUCTION OBSERVATION.

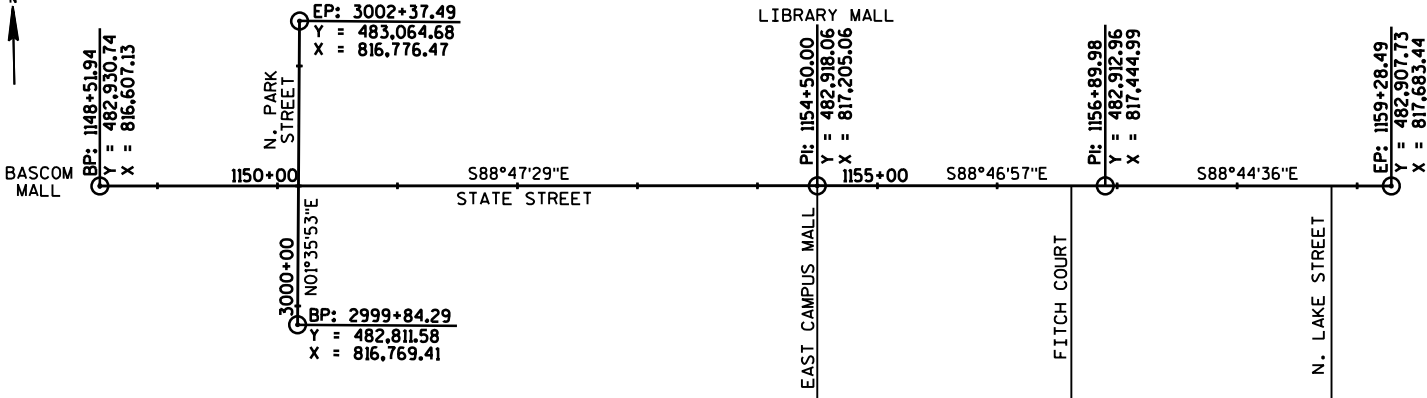
ULTIMATE DESIGN STRESSES

CONCRETE MASONRY WALLS &
CONCRETE MASONRY WALLS COLORED $f_c = 3,500$ P.S.I.

CONCRETE STRUCTURAL SLAB 8-INCH &
COLORED CONCRETE STRUCTURAL SLAB 8-INCH $f_c = 4,000$ P.S.I.

ALIGNMENT OVERVIEW

SCALE: NONE



DESIGN CONTACTS

MSA PROFESSIONAL SERVICES
ATTN: JASON DIPIAZZA, P.E.
2901 INTERNATIONAL LANE, SUITE 300
MADISON, WI 53704
PHONE: (608) 242-6640
FAX: (608) 242-5664
EMAIL: jdipiazza@msa-ps.com

CITY OF MADISON
ATTN: CHRIS PETYKOWSKI, P.E.
CITY-COUNTY BUILDING, ROOM 115
210 MARTIN LUTHER KING, JR. BLVD.
MADISON, WI 53703
PHONE: (608) 267-8678
FAX: (608) 264-9275
EMAIL: cpetykowski@cityofmadison.com

UNIVERSITY OF WISCONSIN-MADISON
FACILITIES, PLANNING & MANAGEMENT
ATTN: GARY BROWN
610 WALNUT STREET, SUITE 919
MADISON, WI 53726
PHONE: (608) 263-3023
FAX: (608) 265-3139
EMAIL: gbrown@fpm.wisc.edu

UTILITY CONTACTS

STORM SEWER:
CITY OF MADISON
ATTN: GREG FRIES
CITY-COUNTY BUILDING, ROOM 115
210 MARTIN LUTHER KING, JR. BLVD
MADISON, WI 53703
PHONE: (608) 267-1199
EMAIL: gfries@cityofmadison.com

SANITARY SEWER,
CITY OF MADISON
ATTN: MARK MODER
CITY-COUNTY BUILDING, ROOM 115
210 MARTIN LUTHER KING, JR. BLVD
MADISON, WI 53703
PHONE: (608) 261-9250
EMAIL: mmoder@cityofmadison.com

WATERMAIN:
MADISON WATER UTILITY
ATTN: PETE HOLMGREN
119 EAST OLIN AVE
MADISON, WI 53713
PHONE: (608) 261-5530
EMAIL: pholmgren@madisonwater.org

STREET LIGHTING
CITY OF MADISON
ATTN: BRIAN SMITH
CITY-COUNTY BUILDING, ROOM 110
215 MARTIN LUTHER KING, JR. BLVD
MADISON, WI 53703
PHONE: (608) 261-9625
EMAIL: bsmith@cityofmadison.com

ELECTRIC
MADISON GAS & ELECTRIC
ATTN: MARK BOHM
133 S. BLAIR STREET
P.O. BOX 1231
MADISON, WI 53703
PHONE: (608) 252-4730
EMAIL: mbohm@mge.com

GAS:
MADISON GAS & ELECTRIC
ATTN: SHAUN ENDRES
P.O. BOX 1231
MADISON, WI 53701
PHONE: (608) 252-7224
CELL: (608) 516-7913
EMAIL: sendres@mge.com
ATTN: MIKE SAVAGE
PHONE: (608) 252-7069
CELL: (608) 235-2345
EMAIL: msavage@mge.com

TELEPHONE & FIBER OPTICS:
AT&T
ATTN: CAROL ANASON
316 W. WASHINGTON AVENUE
MADISON, WI 53703
PHONE: (608) 252-2385
EMAIL: ca2624@att.com

CITY OF MADISON PARKS:
MALL MAINTENANCE SUPERVISOR
ATTN: TOM SKAIFE
CITY-COUNTY BUILDING, ROOM 104
210 MARTIN LUTHER KINGS, JR. BLVD.
MADISON, WI 53703
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EMAIL: tskaife@cityofmadison.com

UW-MADISON UTILITIES:
PLUMBING/WATER
ATTN: MARCELLA OTTER
30 N. MILLS STREET, ROOM 210
MADISON, WI 53715
PHONE: (608) 265-3967
CELL: (608) 444-4373
EMAIL: motter@fpm.wisc.edu

UW-MADISON UTILITIES:
ELECTRICAL
ATTN: RICK WERRE
PHONE: (608) 263-3089
CELL: (608) 576-3386
EMAIL: rwerre@fpm.wisc.edu

UW-MADISON UTILITIES:
STEAM TUNNELS
ATTN: JEFF POLLEI
PHONE: (608) 225-0502
EMAIL: jpollei@fpm.wisc.edu
ATTN: KEVIN CORCORAN
PHONE: (608) 444-4371
EMAIL: kcorcoran@fpm.wisc.edu



Dial 811 or (800) 242-8511

www.DiggersHotline.com

**DENOTES UTILITIES THAT ARE NOT
DIGGERS HOTLINE MEMBERS

STATE STREET 700 / 800 BLOCKS
PROJECT NO. 53W1193

SHEET NO.
2

GENERAL NOTES AND UTILITIES

STATE STREET CITY OF MADISON

Revised 3/21/14 - Updated Contact
Information and Alignment Overview

STANDARD ABBREVIATIONS

AC	ACRES
AEW	APRON ENDWALL
AH	AHEAD
ALUM.	ALUMINUM
A.P.	ACCESS POINT
ASPH	ASPHALT
BK	BACK
BLK	BLOCK
BOC	BACK OF CURB
BOW	BACK OF SIDEWALK
BM	BENCHMARK
CABC	CRUSHED AGGREGATE BASE COURSE
CL	CLEAR
Δ.	CENTRAL ANGLE or DELTA
CONC	CONCRETE
CSM	CERTIFIED SURVEY MAP
CTH	COUNTY TRUNK HIGHWAY
CY	CUBIC YARD
D	DEGREE OF CURVE
DIA	DIAMETER
E	EAST
EB	EASTBOUND
EBS	EXCAVATION BELOW SUBGRADE
EOP	EDGE OF PAVEMENT
ET AL	AND OTHERS
EXIST or EX.	EXISTING
EW	END WALL
FOC	FACE OF CURB
FT	FOOT
FT2	SQUARE FEET
GN	GRID NORTH
GV	GAS VALVE
HB	HOSE BIB
HERCP	HORIZONTAL ELLIPTICAL REINFORCED CONCRETE PIPE
IE	INVERT ELEVATION
IN	INCH
IP	IRON PIPE
L	LENGTH
L	LENGTH OF CURVE
LC	LONG CHORD
LCB	LONG CHORD BEARING
LF	LINEAR FEET
LS	LUMP SUM
LT	LEFT
MH	MANHOLE
MI	MILE
MON	MONUMENT
N	NORTH
NB	NORTHBOUND
NO	NUMBER
O.C.	ON CENTER
P	PIPE
PT	POINT
PC	POINT OF CURVATURE
PI	POINT OF INTERSECTION
PT	POINT OF TANGENCY
PL	PROPERTY LINE
POB	POINT OF BEGINNING
R	RADIUS
RP	REMOVE PIPE
R	RANGE
RCP	REINFORCED CONCRETE PIPE
RL or R/L	REFERENCE LINE
REQ'D	REQUIRED
RT	RIGHT
R/W	RIGHT-OF-WAY
RD	ROAD
S	SOUTH
SB	SOUTHBOUND
SO	SQUARE
SAN	SANITARY SEWER
SAS	SEWER ACCESS STRUCTURE
SEC	SECTION
STD	STANDARD
STH	STATE TRUNK HIGHWAY
STM	STORM SEWER
STA	STATION
STR	STRUCTURE
SY	SQUARE YARD
T	TANGENT
TAN	TANGENT
TEMP	TEMPORARY
TLE	TEMPORARY LIMITED EASEMENT
TYP	TYPICAL
T or TN	TOWN
W	WEST
WB	WESTBOUND
WM	WATERMAIN
X	EAST GRID COORDINATE
Y	NORTH GRID COORDINATE

STATE STREET CITY OF MADISON



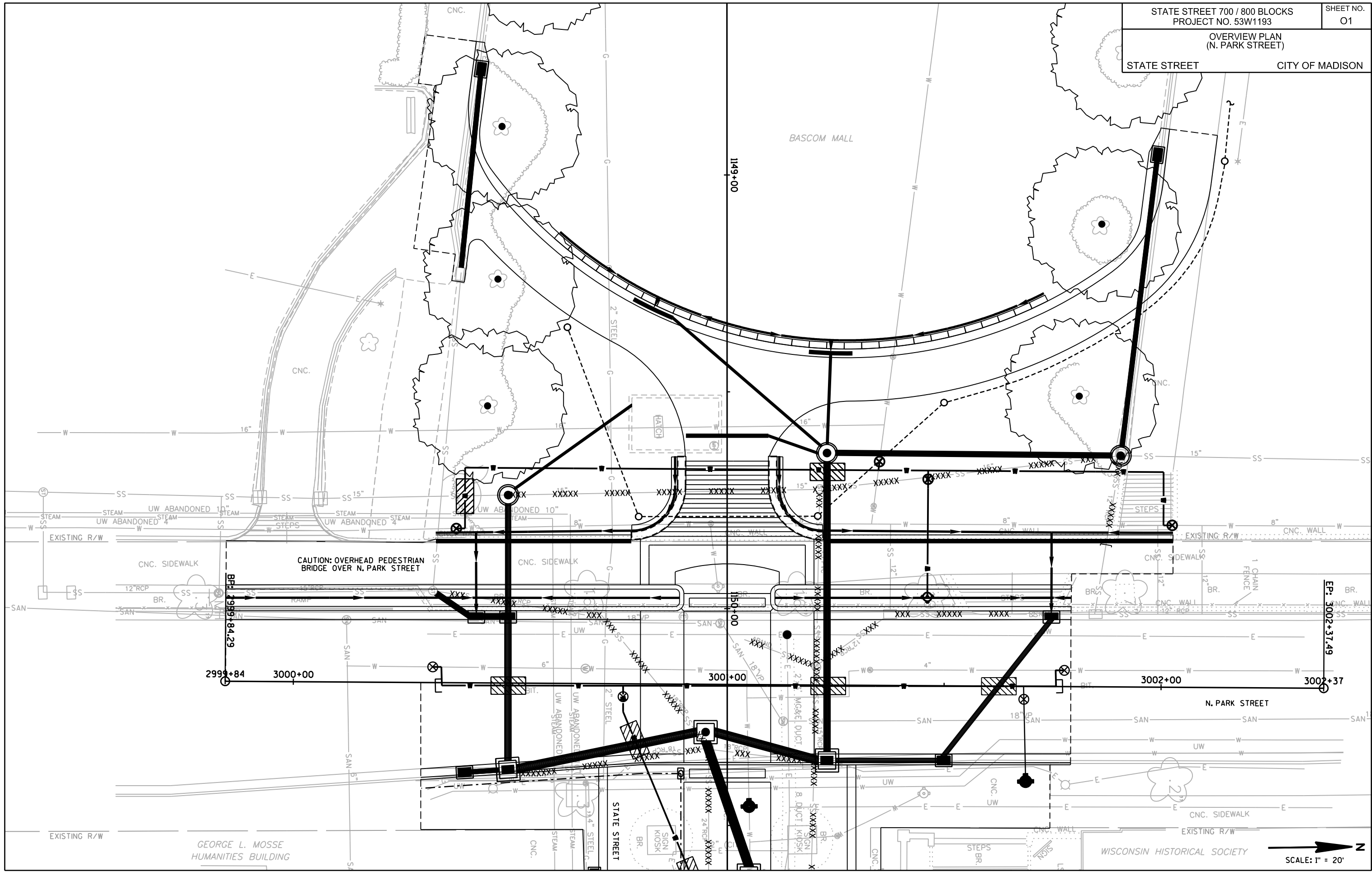
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PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREET'S DIVISION

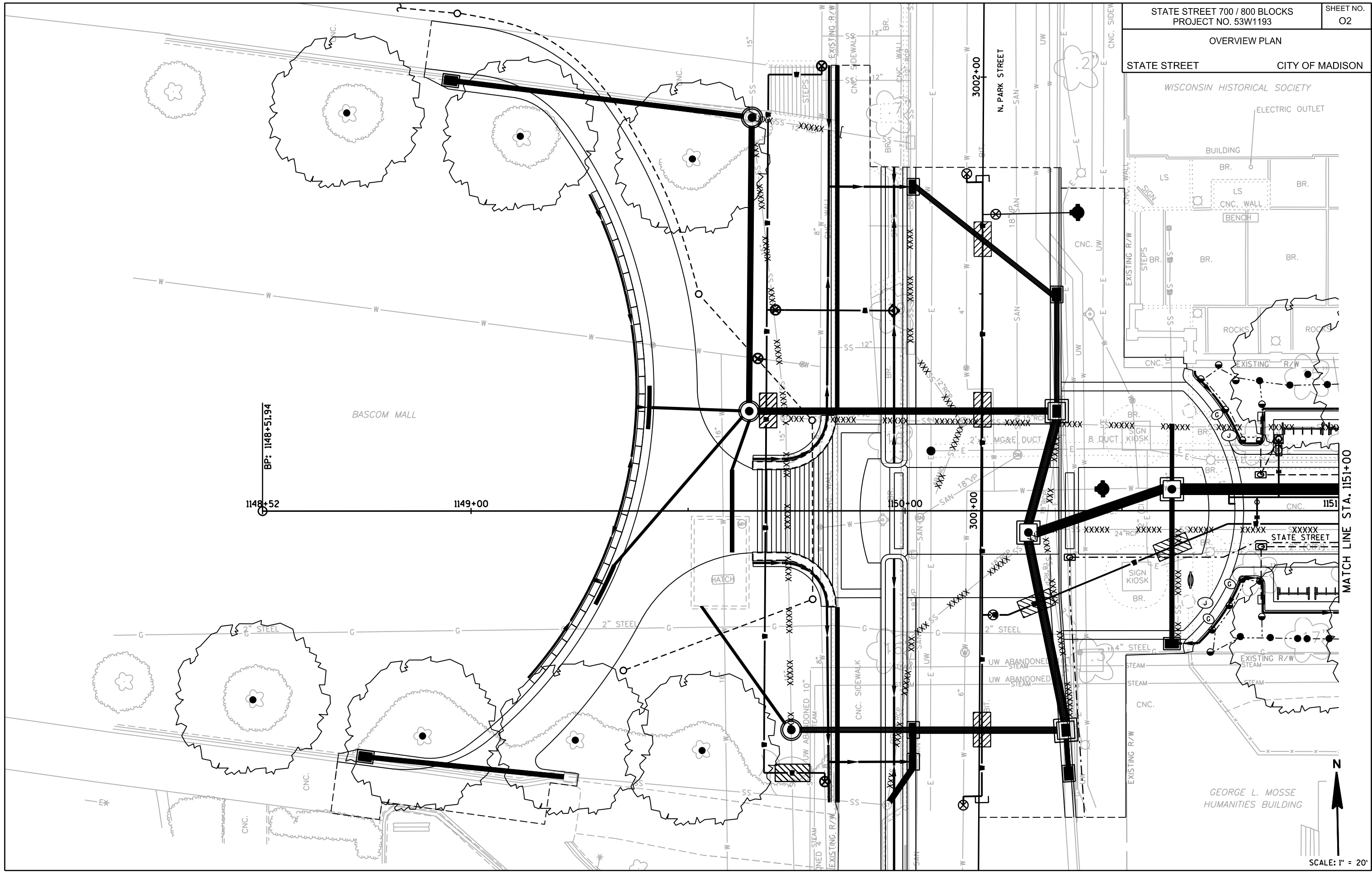


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REV. DATE:

ORIGINATOR: CITY OF MADISON, STREET'S DIVISION



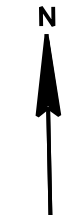
STATE STREET 700 / 800 BLOCKS PROJECT NO. 53W1193		SHEET NO. O2
OVERVIEW PLAN		
STATE STREET	CITY OF MADISON	

CITY OF MADISON



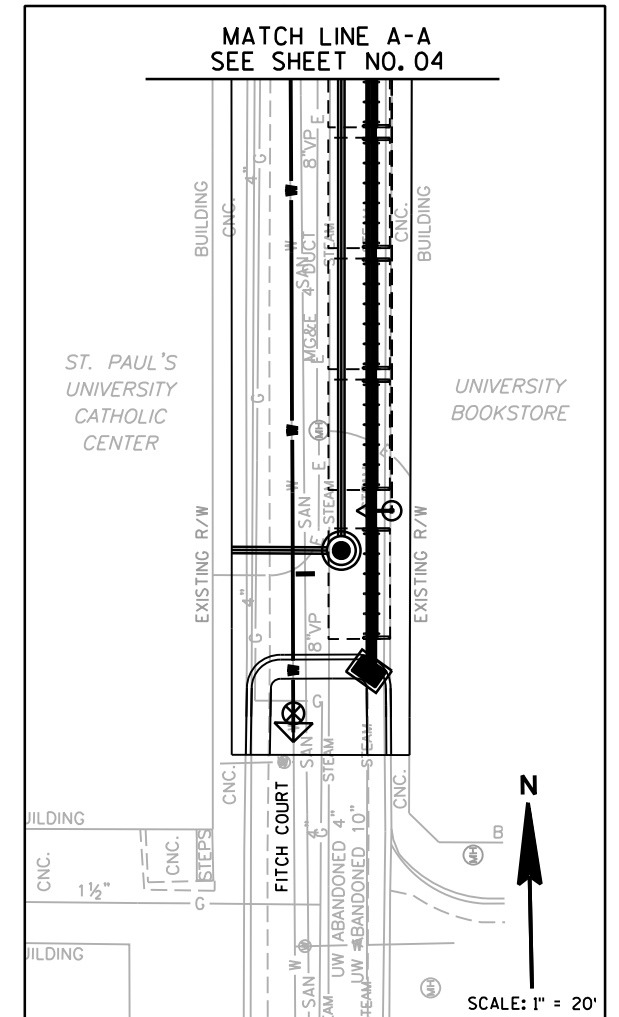
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STATE STREET CITY OF MADISON



DATE: \$\$...plottingdate...\$\$

CITY OF MADISON



N



SCALE: 1" = 20'

CONCRETE GUTTER AND
CONCRETE SIDEWALK REMOVAL
LIMITS, SAWCUT REQ'D.
(REMOVE TO NEAREST JOINT)

REMOVE CONCRETE GUTTER

- REMOVE CONCRETE SIDEWALK

TREE PROTECTION SHALL BE SUPPLIED (6" HIGH CHAIN LINK FENCE) AT THE CRITICAL ROOT RADIUS OR THE TRIP DROP LINE, WHICHEVER IS GREATER. THE CRITICAL ROOT RADIUS IS CALCULATED BY MEASURING THE DIAMETER OF THE TRUNK (IN INCHES) AT FOUR AND ONE-HALF FEET FROM THE GROUND AND MULTIPLYING BY 1.5. EXTREME CARE SHALL BE GIVEN WHEN WORKING NEAR TREES THAT ARE PROTECTED AND ANY DAMAGED ROOTS SHALL BE CUT CLEAN AND SQUARE WITH A CLEAN, SHARP TOOL.

— REMOVE CONCRETE STEPS

— REMOVE CONCRETE GRAVITY
RETAINING WALL

WALL REMOVAL LIMITS,
SAWCUT REQ'D.

— CONCRETE SIDEWALK REMOVAL
LIMITS, SAWCUT REQ'D.
(REMOVE TO NEAREST JOINT)

- REMOVE AND RESET PAVERS

— REMOVE STEEL CHAIN FENCE
TO THIS BOLLARD

— REMOVE BRICK PAVERS

- WALL REMOVAL LIMITS, SAWCUT REQ'D.

—PAVEMENT REMOVAL LIMITS
SAWCUT REQ'D.

N. PARK STREET

CAUTION: OVERHEAD PEDESTRIAN
BRIDGE OVER N. PARK STREET

—PAVEMENT REMOVAL LIMITS
SAWCUT REQ'D.

NOTE: STORM SEWER, SANITARY SEWER AND
WATERMAIN REMOVALS SHOWN ELSEWHERE.

LEGEND

	CLEAR AND GRUB TREE (SIZE)
	REMOVE STREET LIGHT AND CONCRETE BASE
	REMOVE ELECTRICAL PEDESTAL

NOTE: REMOVAL LIMITS
TO EXTEND BEYOND
CURB RAMP

EXISTING R/W			
REMOVE CONCRETE CURB AND GUTTER			

GEORGE L. MOSSE
HUMANITIES BUILDING

CNC. SIDEWALK
EXISTING R/W

WISCONSIN HISTORICAL SOCIETY

SCALE: 1" = 20'

[illegible]

SEE N. PARK STREET REMOVAL PLAN

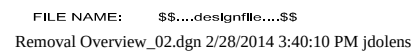
LEGEND

	CLEAR AND GRUB TREE (SIZE)
	REMOVE STREET LIGHT AND CONCRETE BASE
	REMOVE ELECTRICAL PEDESTAL



SCALE: 1" = 20'

STATE STREET CITY OF MADISON



STATE STREET CITY OF MADISON



SCALE: 1" = 20'

LEGEND

	CLEAR AND GRUB TREE (SIZE)
	REMOVE STREET LIGHT AND CONCRETE BASE
	REMOVE ELECTRICAL PEDESTAL

FILE NAME: \$\$....designfile....\$\$
Removal Overview 03.dgn 2/28/2014 3:40:12 PM jdolens

DATE: \$\$...plottingdate...\$\$

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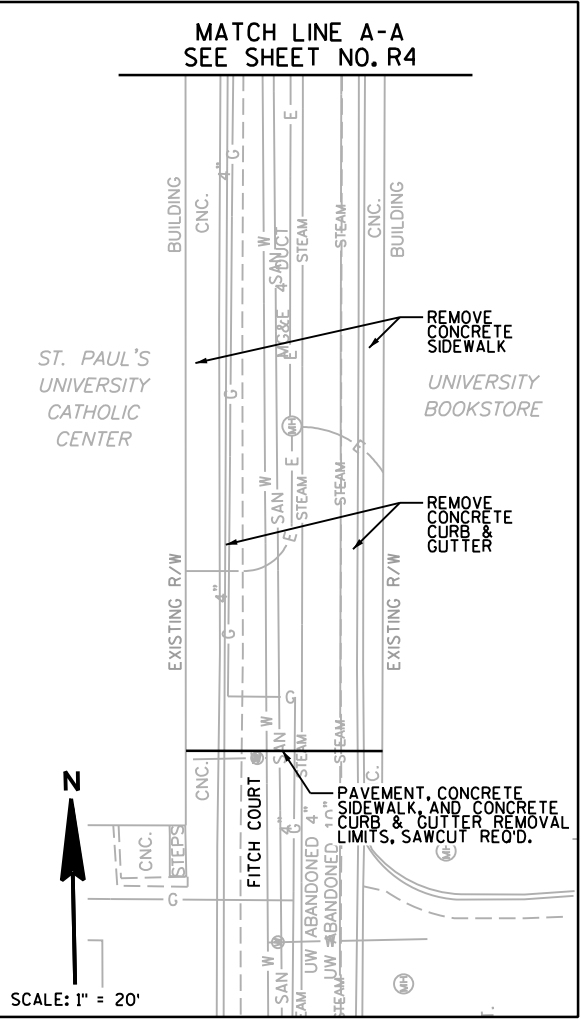
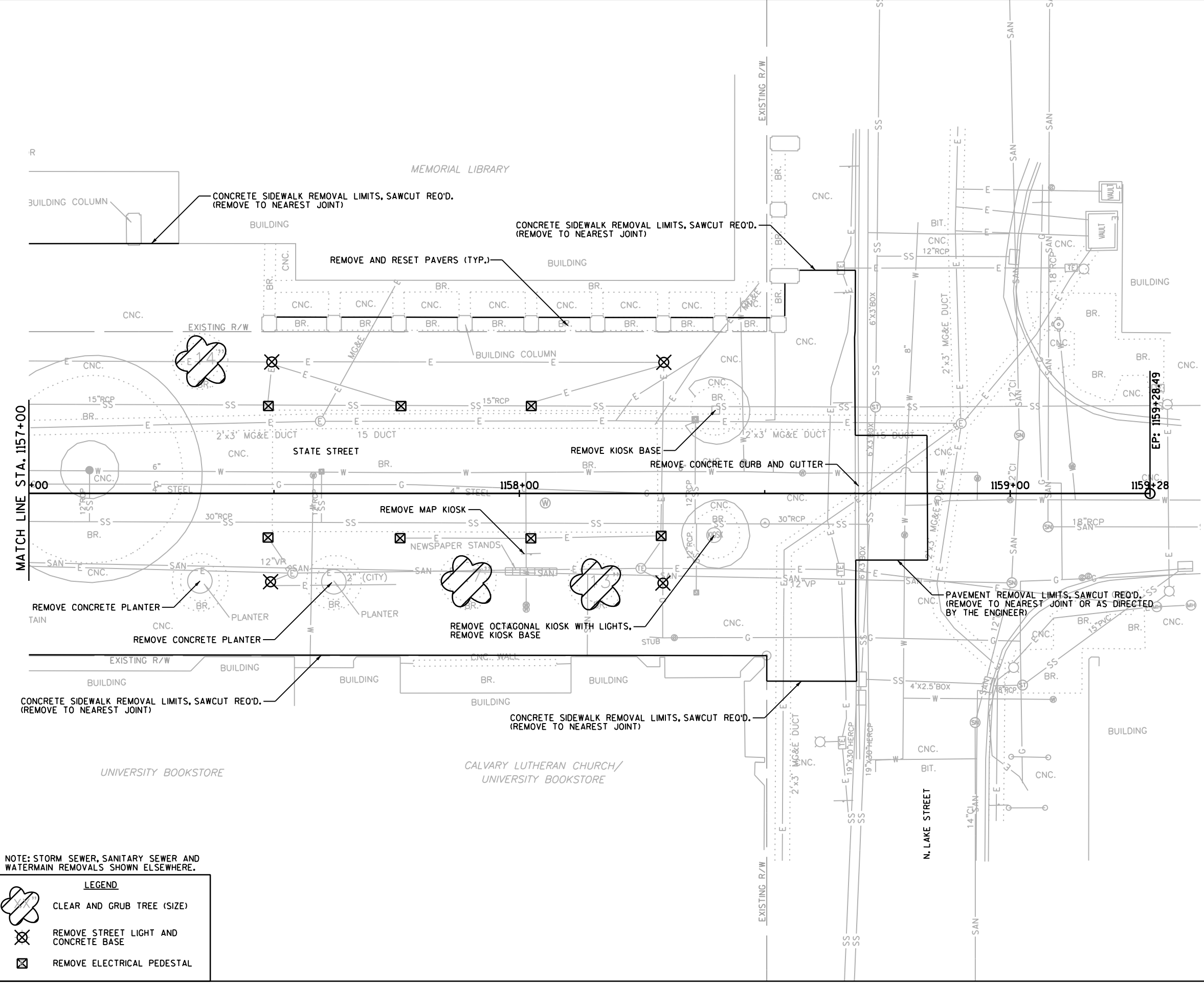
PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREET'S DIVISION

NOTE: STORM SEWER, SANITARY SEWER AND WATERMAIN REMOVALS SHOWN ELSEWHERE.

- LEGEND
-  CLEAR AND GRUB TREE (SIZE)
-  REMOVE STREET LIGHT AND CONCRETE BASE
-  REMOVE ELECTRICAL PEDESTAL

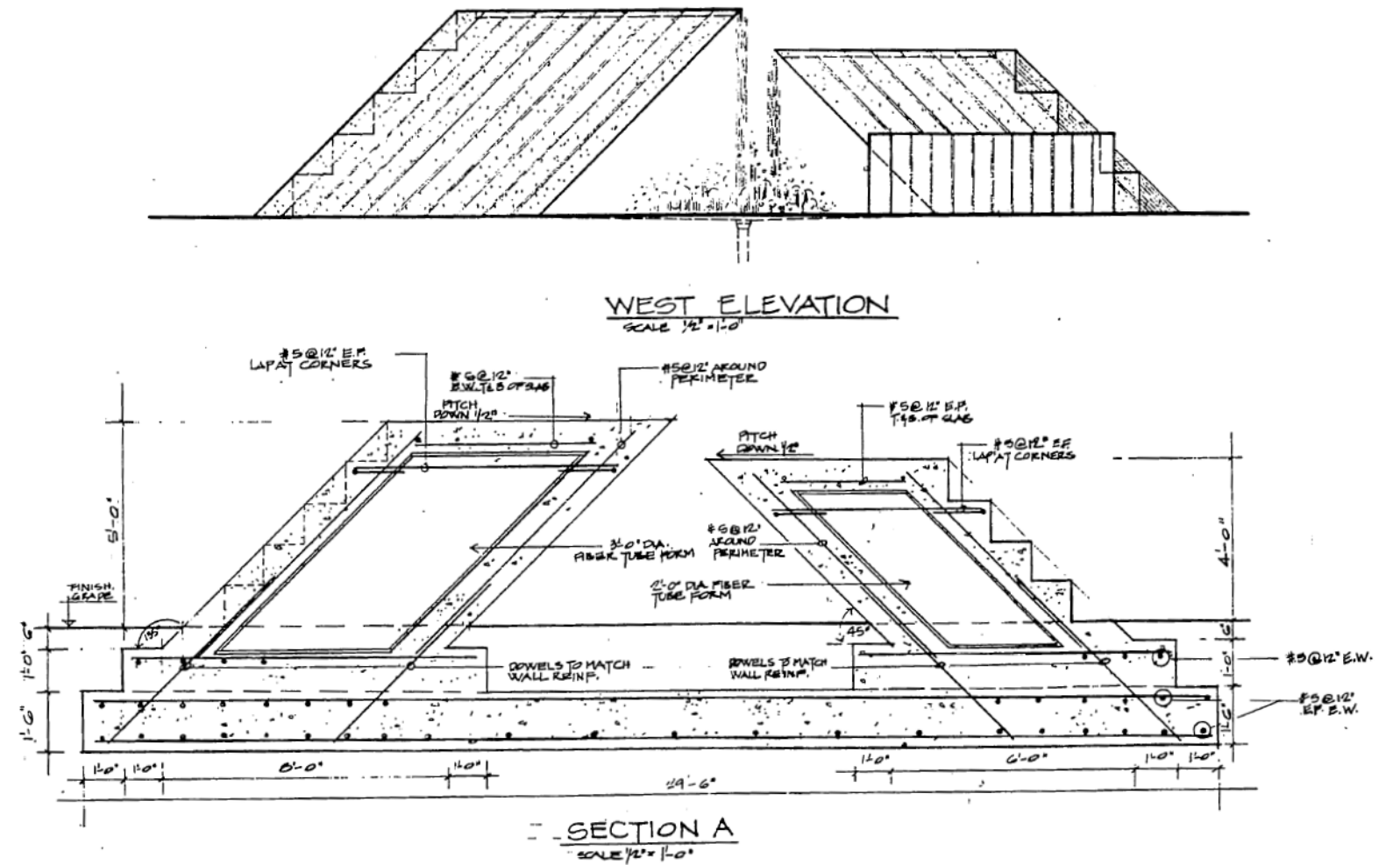
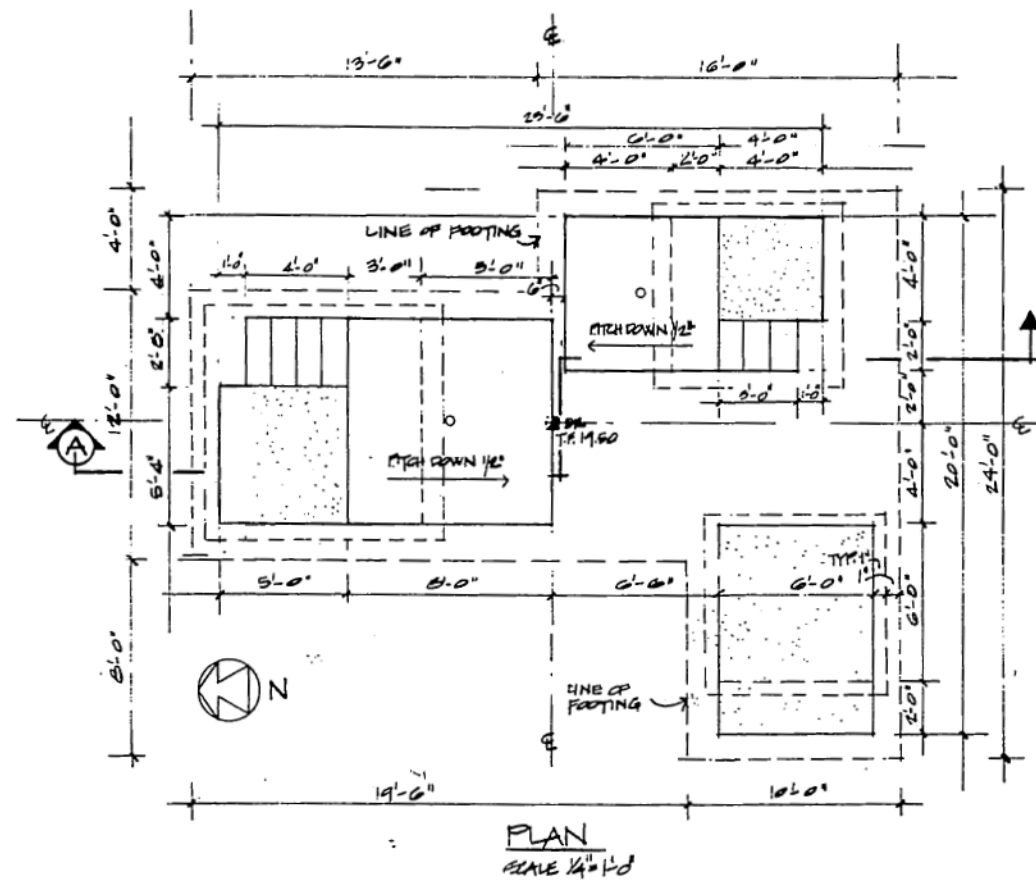


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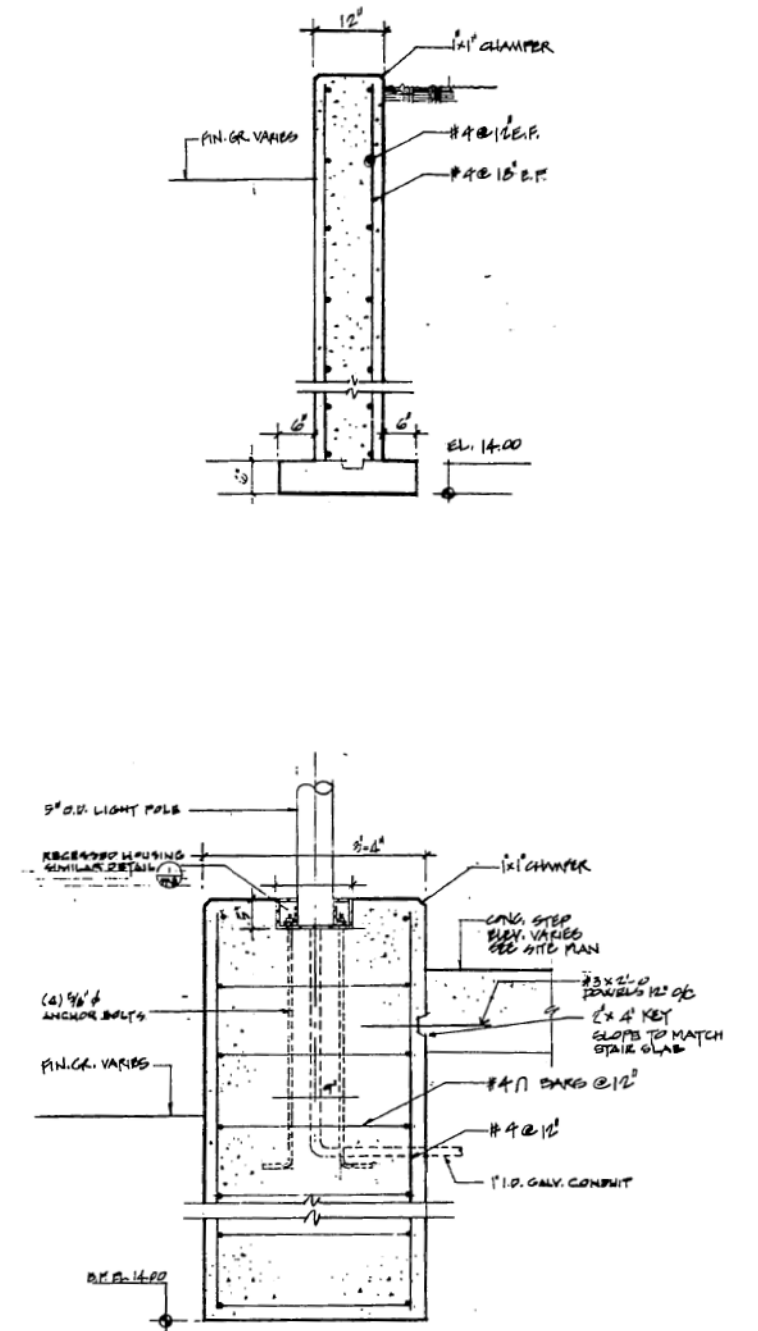
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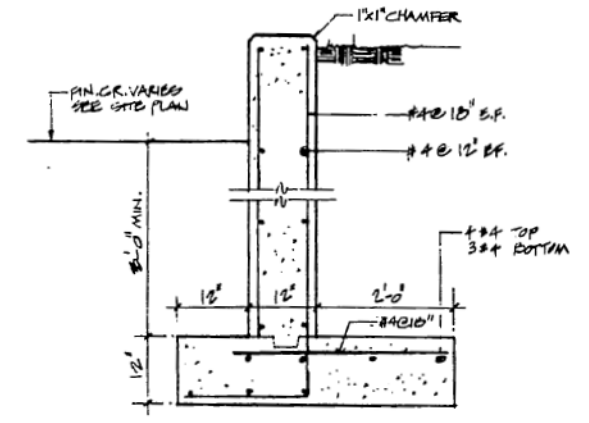
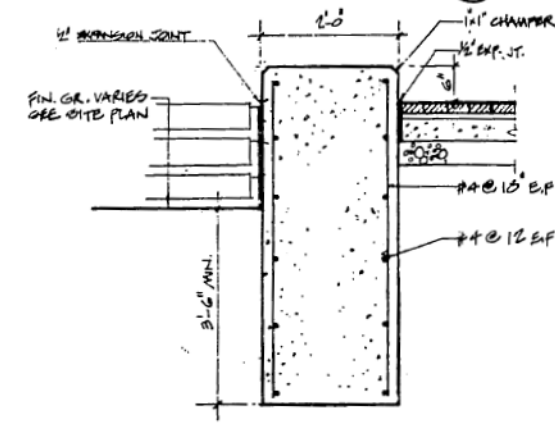
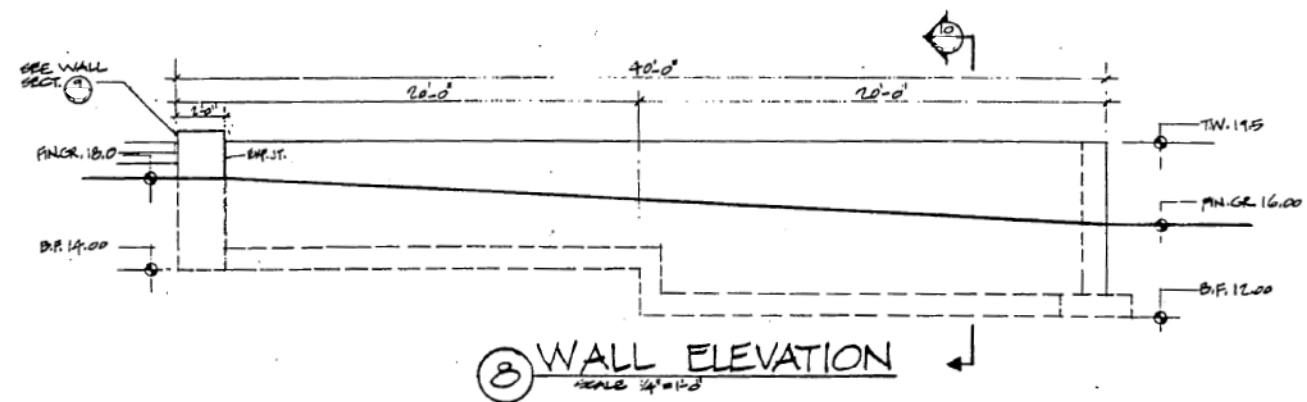
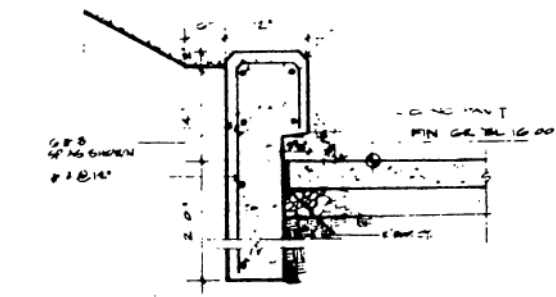
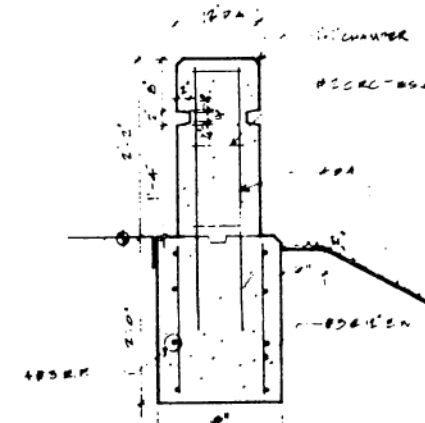
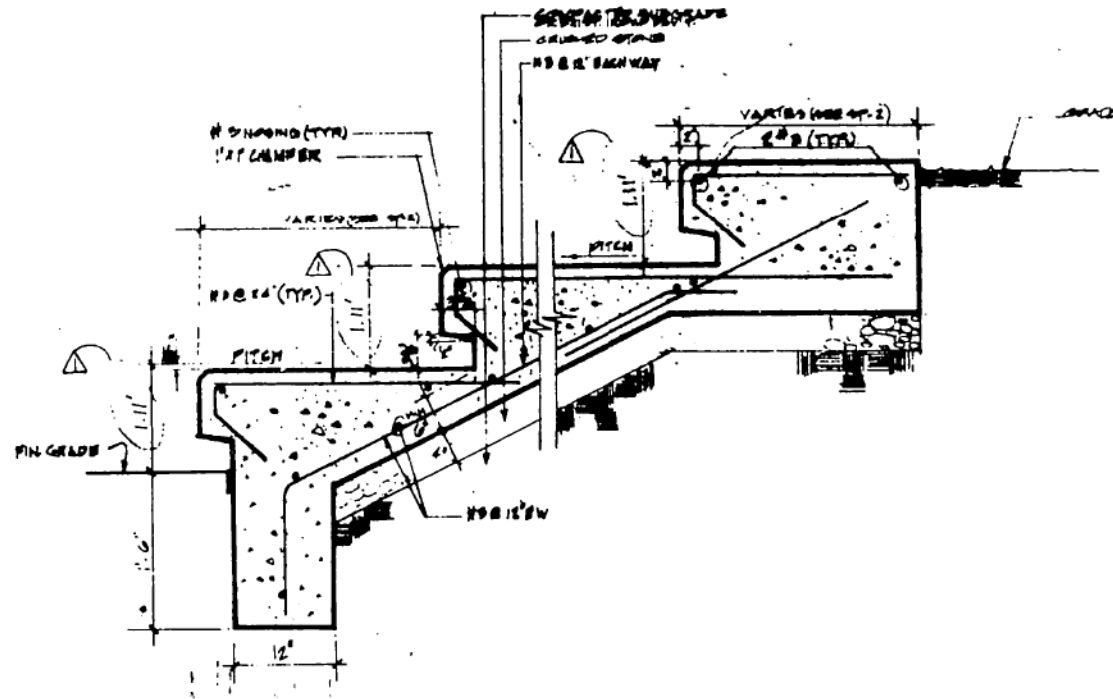
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



REMOVE CONCRETE FOUNTAIN DETAILS



Remove Concrete Planter with Tree Grove Details.dgn 2/28/2014 3:40:34 PM jdolens



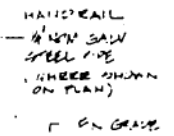
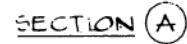
9 SECTION
SCALE 3/4" = 1'-0"

10 SECTION
SCALE 3/4" = 1'-0"

REMOVE TERRACED STAGE AND SEATING DETAILS

PLOT SCALE:
PLOT NAME:
REV. DATE:
ORIGINATOR: CITY OF MADISON, STREET'S DIVISION

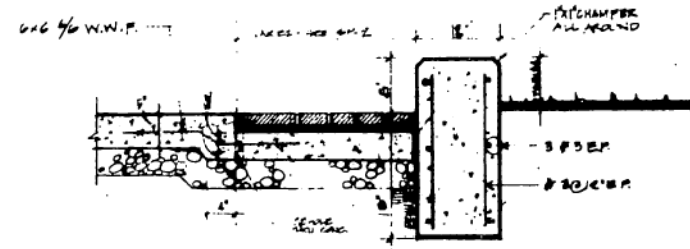
STATE STREET CITY OF MADISON



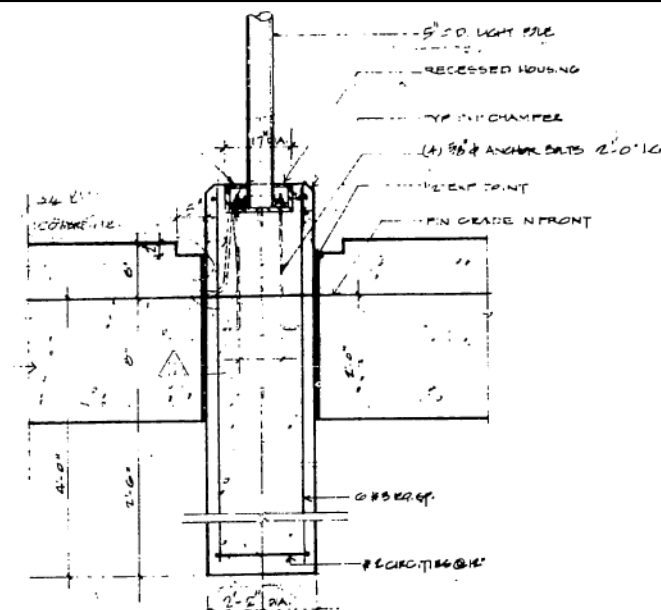
DATE: \$\$...plottingdate...\$\$

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

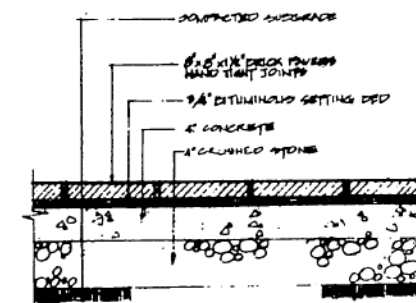
CITY OF MADISON



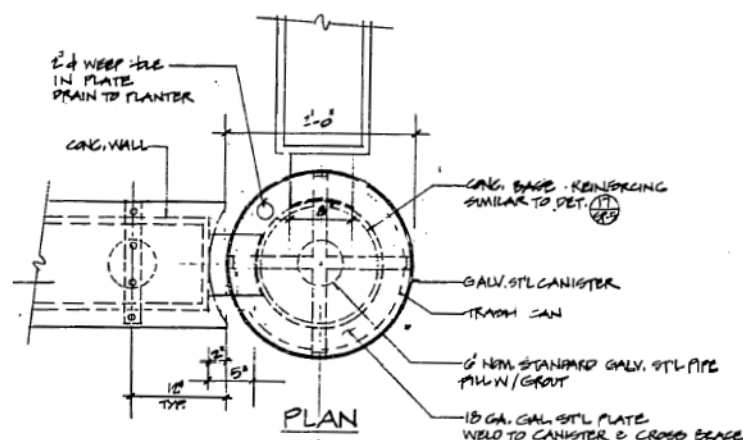
REMOVE CONCRETE CURB DETAIL



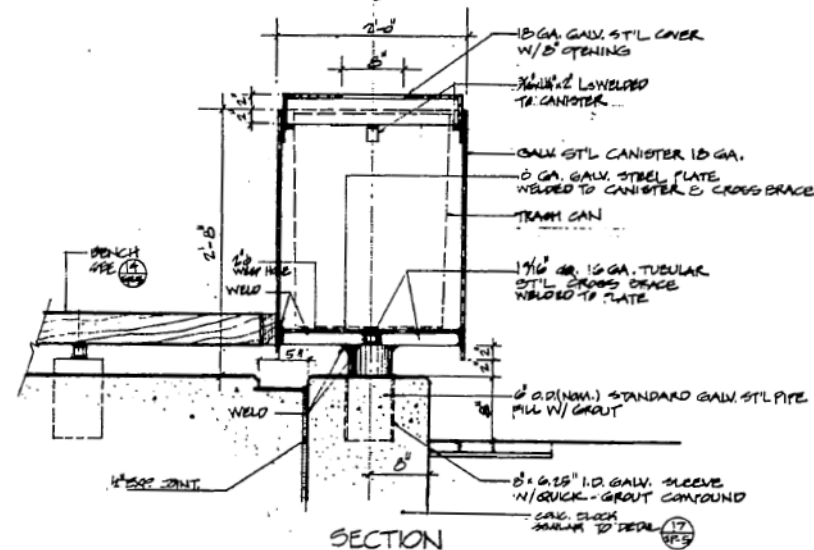
REMOVE STREET LIGHT AND
CONCRETE BASE DETAIL



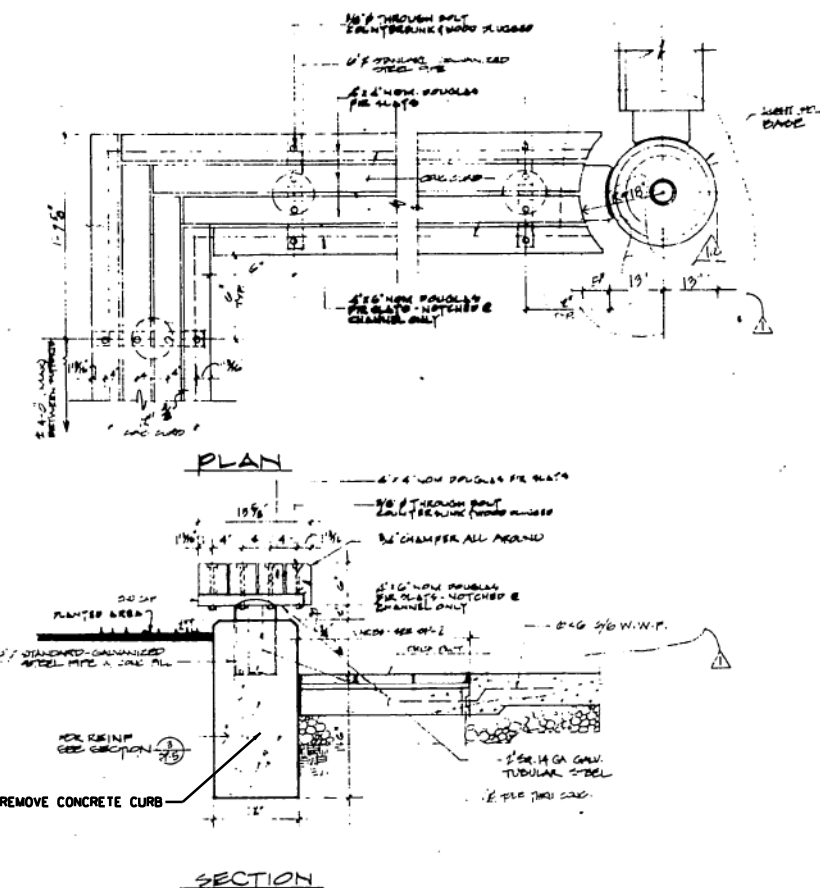
REMOVE BRICK PAVEMENT DETAIL
(PAID AS REMOVE CONCRETE
SIDEWALK AND DRIVE)



REMOVE WOOD BENCH DETAILS



REMOVE WALL MOUNTED TRASH CAN DETAIL

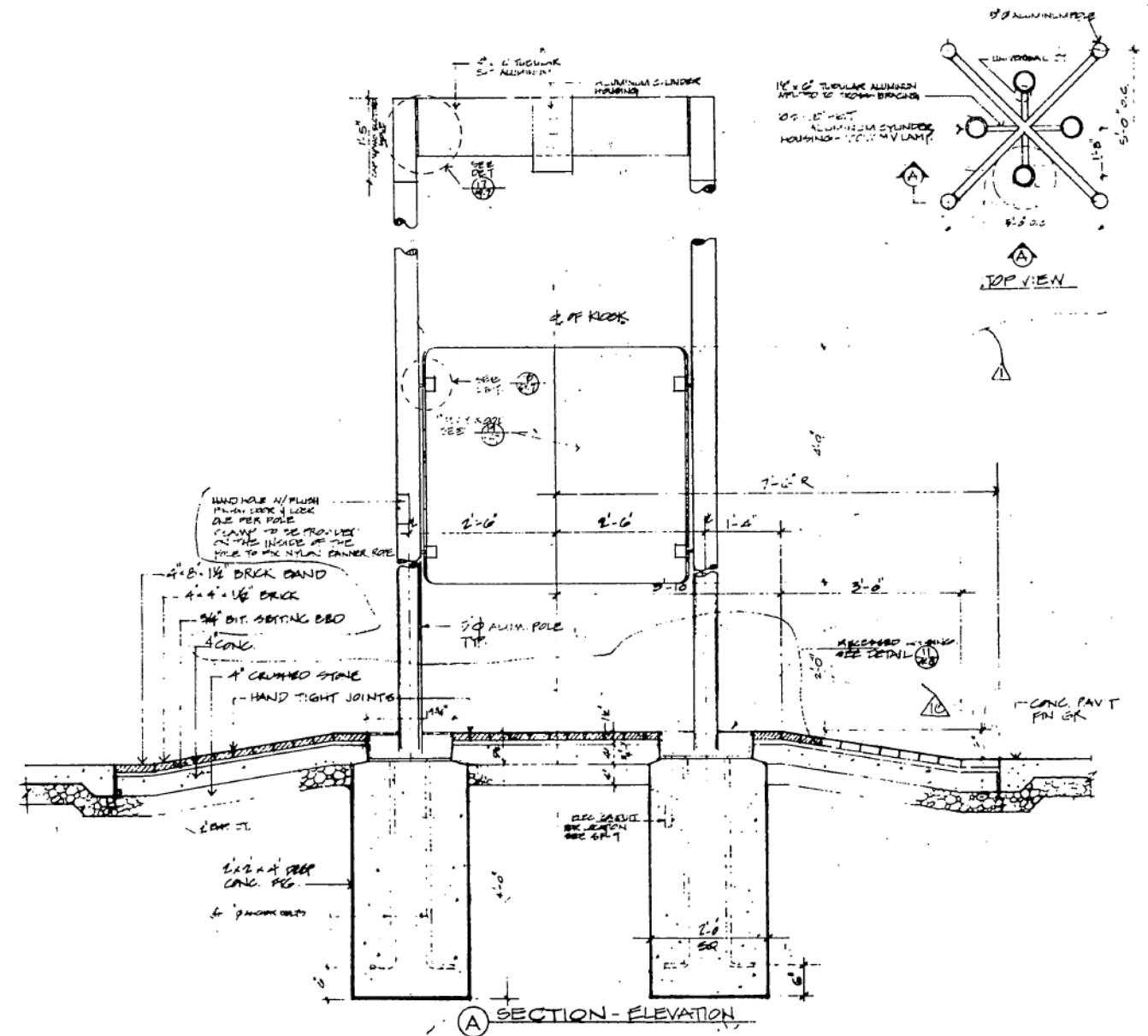
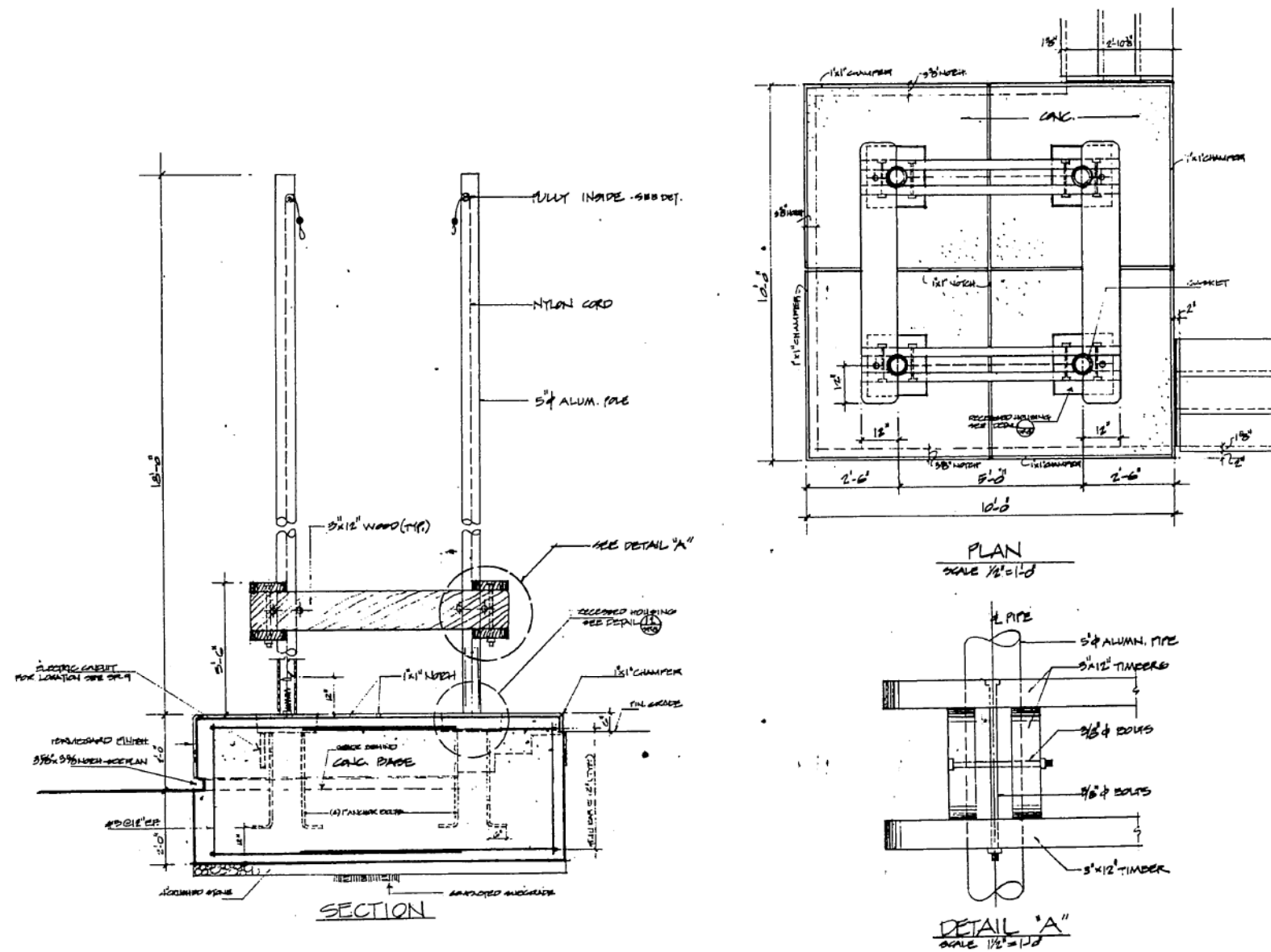


REMOVE WALL MOUNTED BENCH DETAIL

REMOVAL DETAILS

STATE STREET

CITY OF MADISON

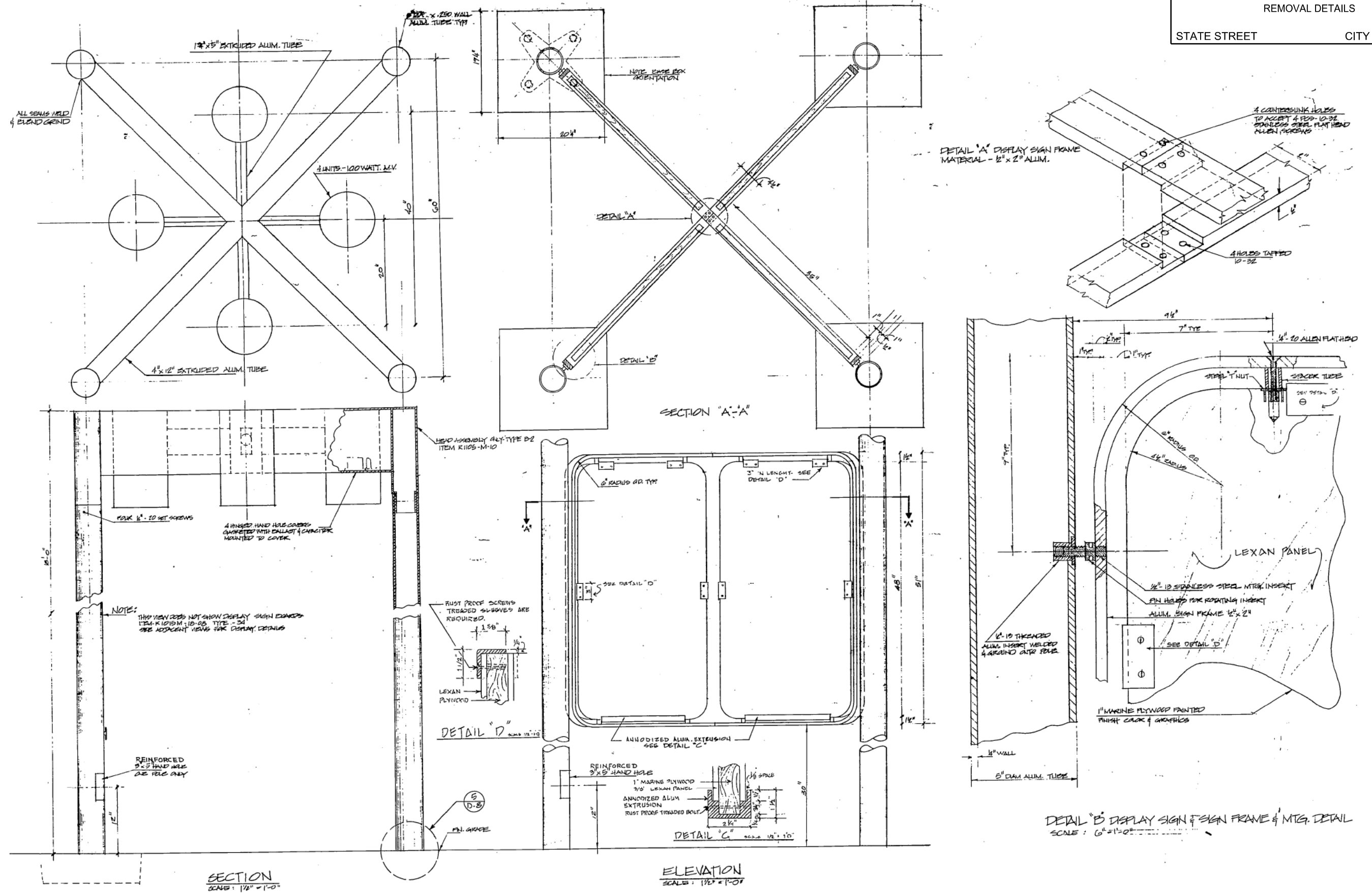


REMOVE KIOSK BASE DETAILS

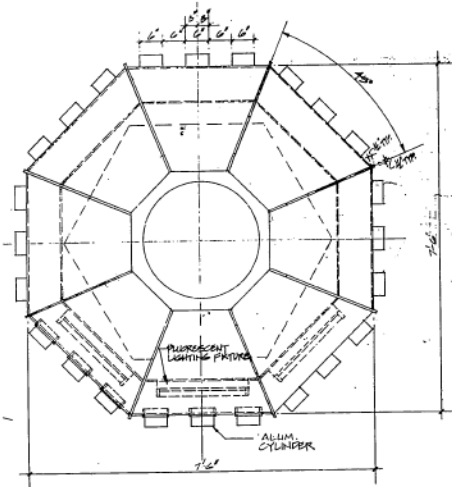
REMOVAL DETAILS

STATE STREET

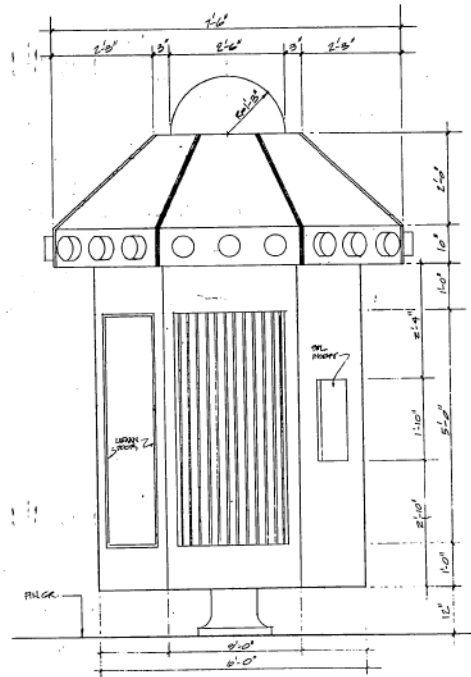
CITY OF MADISON



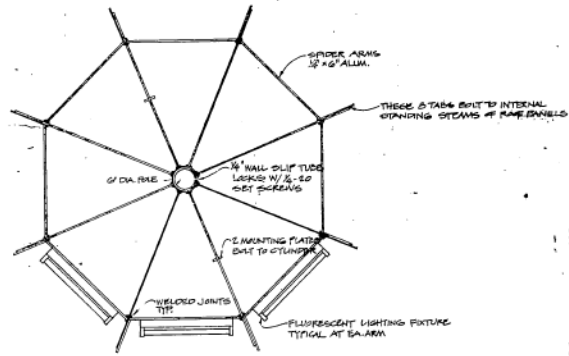
REMOVE FOUR POLE KIOSK WITH LIGHTS DETAILS



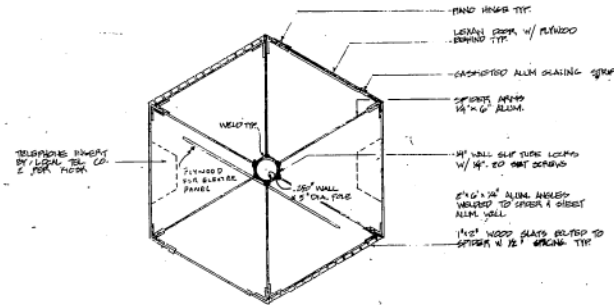
ROOF PLAN



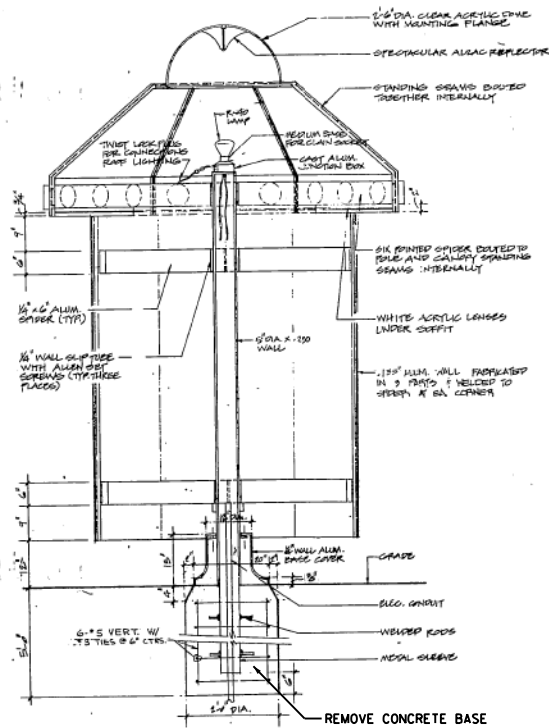
ELEVATION



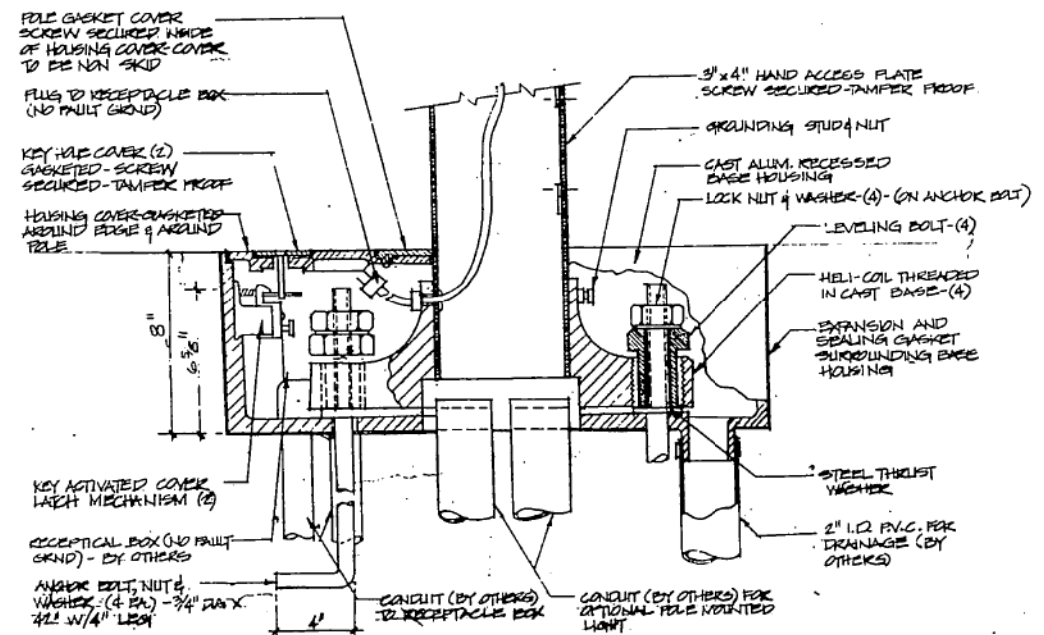
OCTAGONAL ROOF SPIDER ARM



HEXAGONAL COL. SPIDER DETAIL



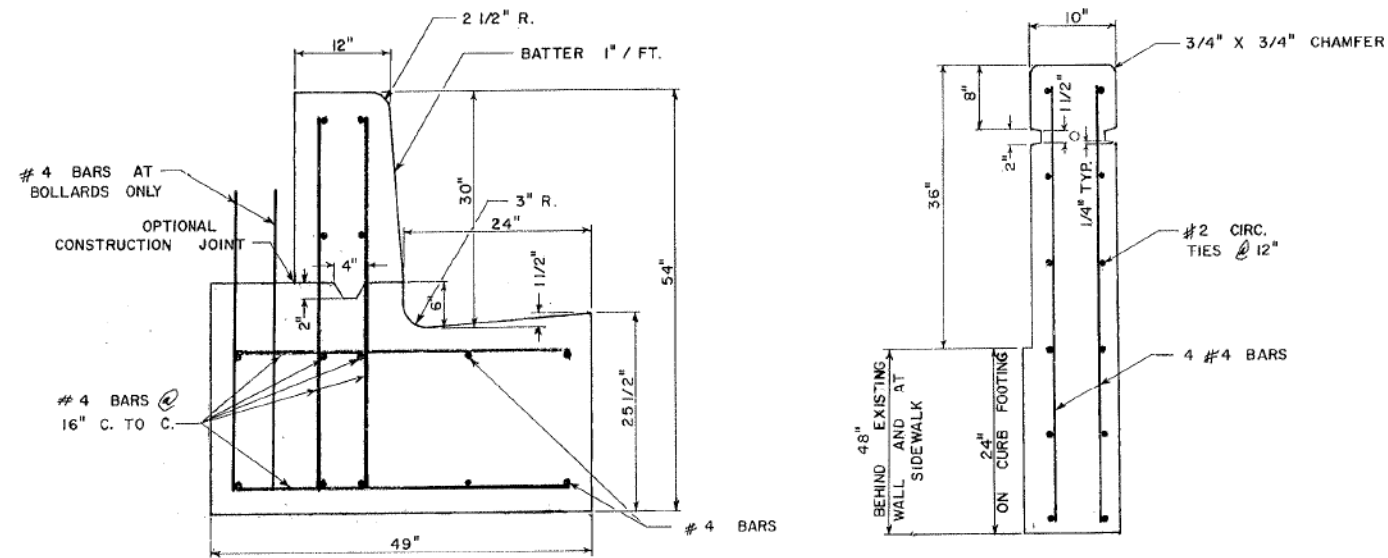
SECTION



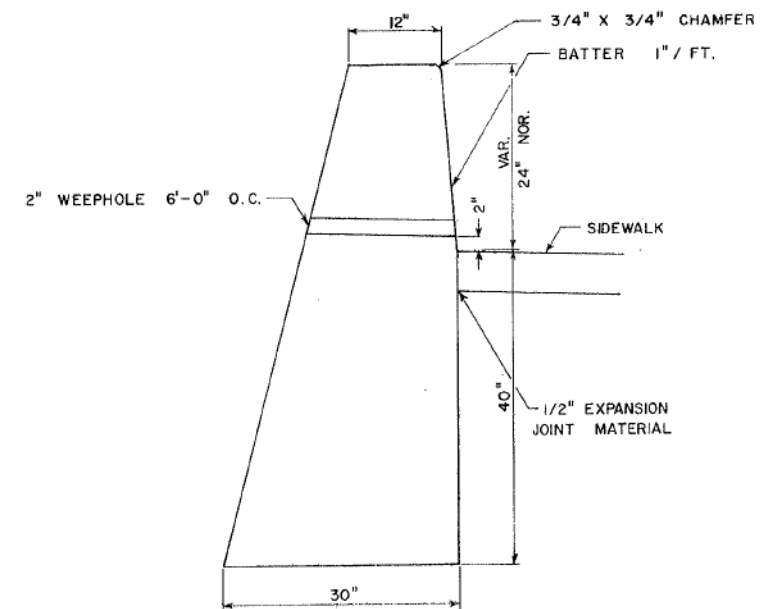
SECTION

REMOVE OCTAGONAL KIOSK WITH LIGHTS DETAILS

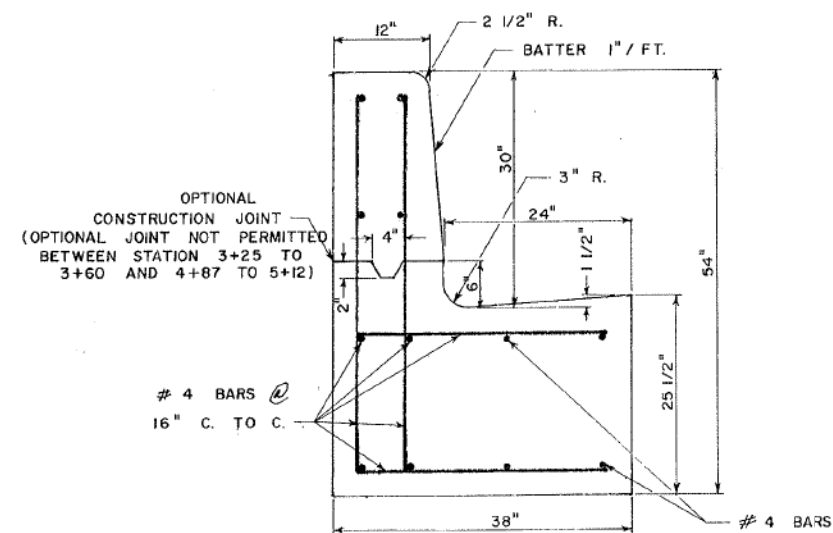
PLOT SCALE:
PLOT NAME:
REV. DATE:
ORIGINATOR: CITY OF MADISON, STREET'S DIVISION



WALL AT BOLLARD LOCATIONS
(REMOVING BOLLARDS IS INCIDENTAL TO THE BID ITEM 'REMOVE COMBINATION CONCRETE RETAINING WALL - CURB & GUTTER')

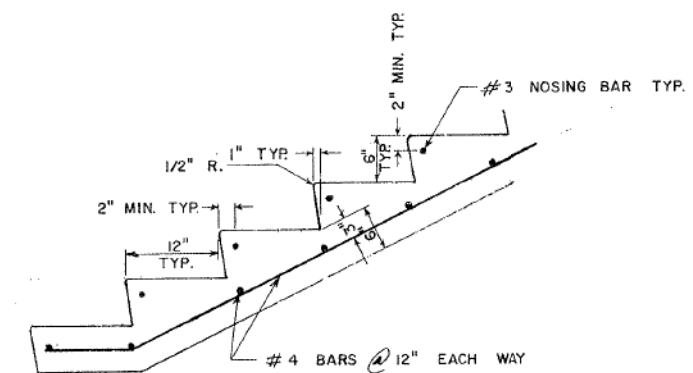


REMOVE CONCRETE GRAVITY RETAINING WALL DETAIL



WALL WITHOUT BOLLARDS

REMOVE COMBINATION CONCRETE RETAINING WALL - CURB & GUTTER DETAIL



REMOVE CONCRETE STEPS DETAIL

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREET'S DIVISION

Remove Clock Tower Details.dgn 2/28/2014 3:41:35 PM jdolens

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREET'S DIVISION

GENERAL EROSION CONTROL NOTES:

1. THE CONTRACTOR SHALL PREPARE AND SUBMIT AN EROSION CONTROL IMPLEMENTATION PLAN PER CITY OF MADISON SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION OF EROSION CONTROL MEASURES.
2. THE CONTRACTOR SHALL INCLUDE A DEWATERING PLAN AS PART OF THE EROSION CONTROL IMPLEMENTATION PLAN.
3. NO LAND DISTURBANCE MAY OCCUR UNTIL THE INITIAL EROSION CONTROL INSTALLATION INSPECTION HAS BEEN COMPLETED BY CITY ENGINEERING STAFF.
4. THE CONTRACTOR IS REQUIRED TO COMPLETE POST RAINFALL INSPECTIONS FOR RAIN EVENTS WHICH OCCUR ON A FRIDAY OR SATURDAY.

NOTE: SILT SOCK TO BE INSTALLED INSTEAD OF SILT FENCE WHEN UNDER THE DRIP LINE OF EXISTING TREES. LIMITS SHOWN ON THE PLANS ARE APPROXIMATE AND SHOULD BE ADJUSTED TO MEET FIELD CONDITIONS.

EXISTING GRASS TO REMAIN UNTIL READY FOR FINAL SITE GRADING. ONLY REMOVE AREAS OF GRASS NECESSARY TO EXCAVATE FOR SIDEWALK, WALLS AND UTILITY INSTALLATION.

INLET PROTECTION TYPE C ON SIDEWALK DRAIN

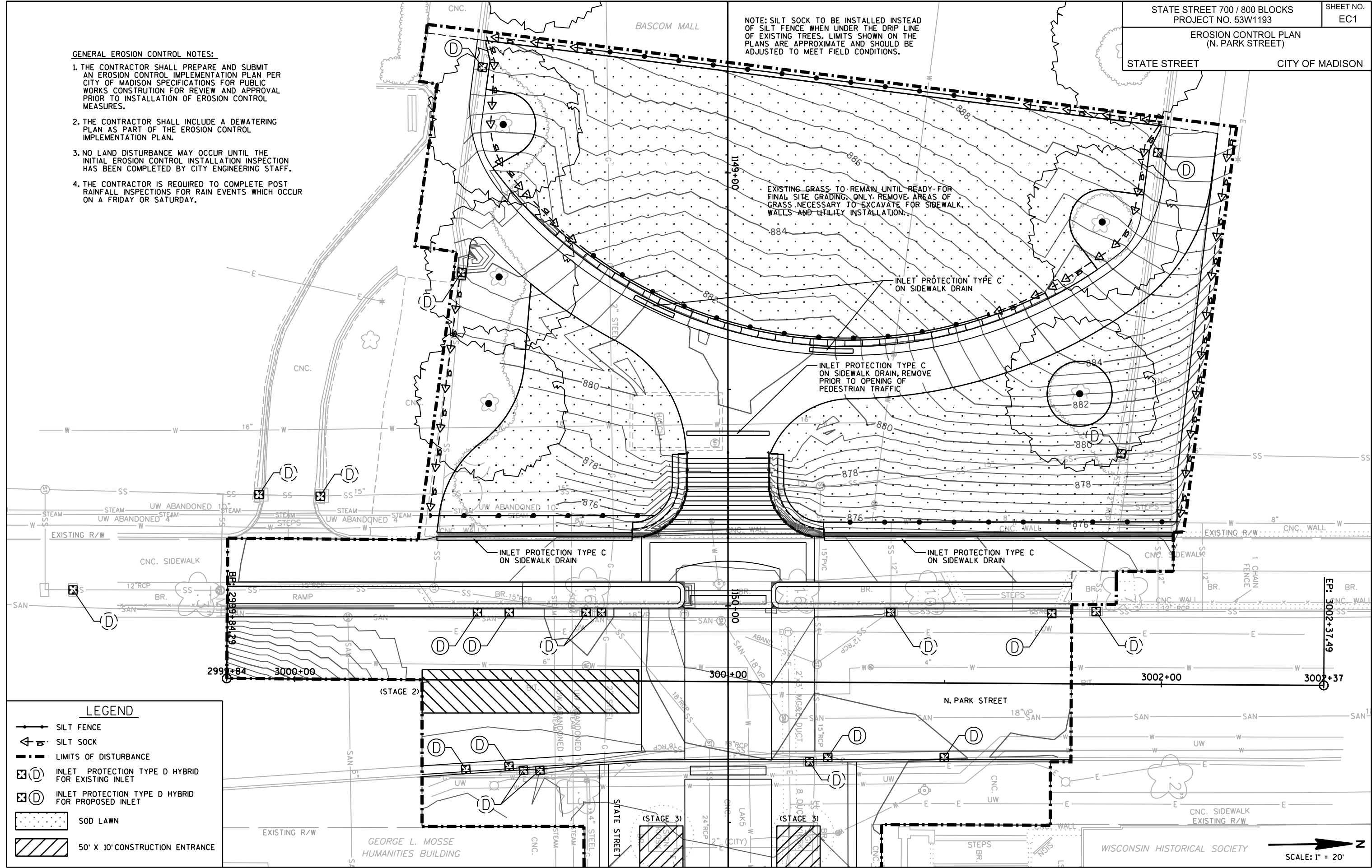
INLET PROTECTION TYPE C ON SIDEWALK DRAIN, REMOVE PRIOR TO OPENING OF PEDESTRIAN TRAFFIC

INLET PROTECTION TYPE C ON SIDEWALK DRAIN

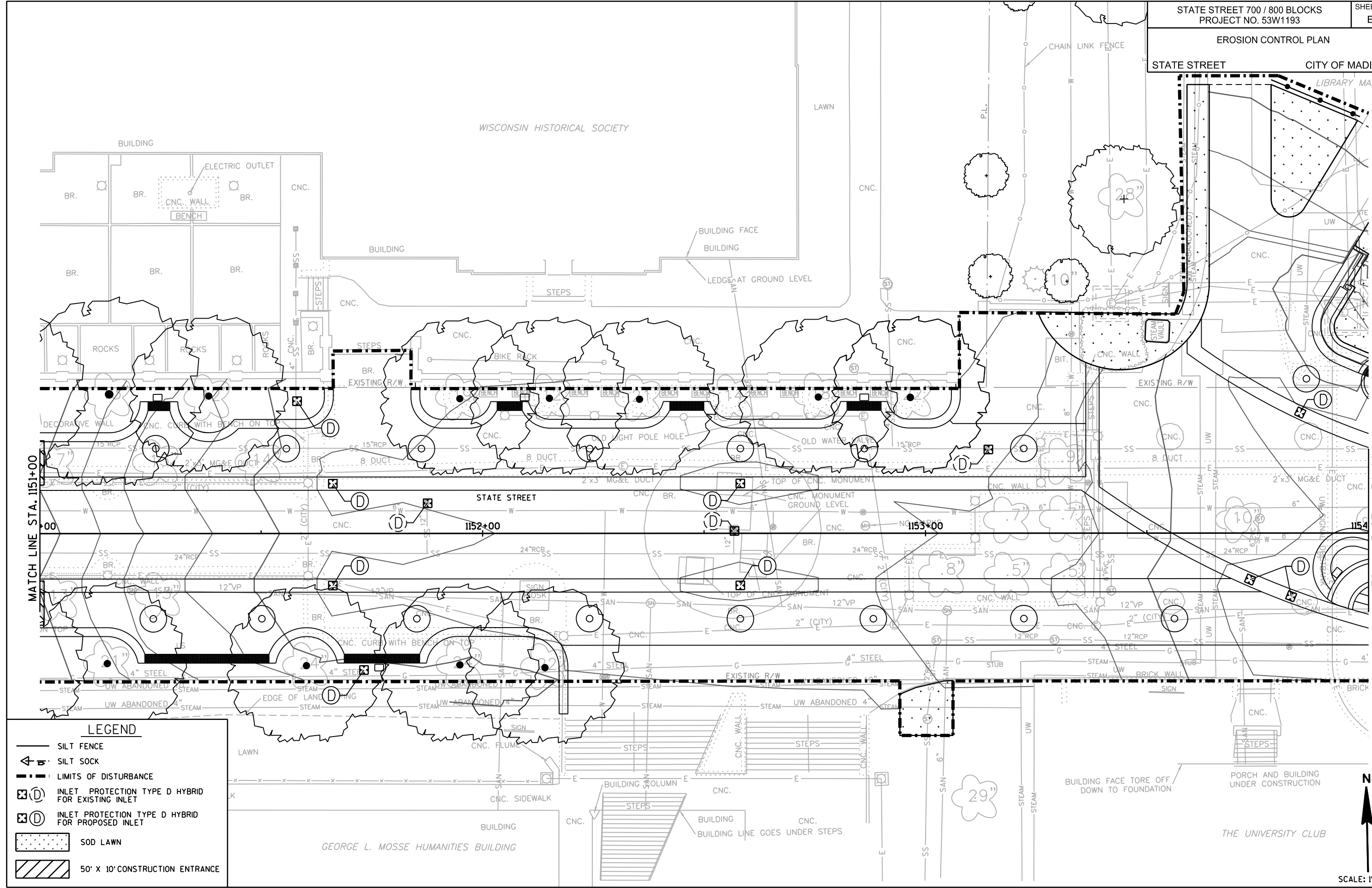
INLET PROTECTION TYPE C ON SIDEWALK DRAIN

LEGEND

- SILT FENCE
- SILT SOCK
- LIMITS OF DISTURBANCE
- INLET PROTECTION TYPE D HYBRID FOR EXISTING INLET
- INLET PROTECTION TYPE D HYBRID FOR PROPOSED INLET
- SOD LAWN
- 50' X 10' CONSTRUCTION ENTRANCE



PLOT SCALE:
PLOT NAME:
REV. DATE:
ORIGINATOR: CITY OF MADISON, STREET'S DIVISION



LEGEND

SILT FENCE

SILT SOCK

LIMITS OF DISTURBANCE

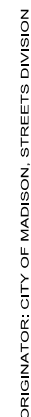
INLET PROTECTION TYPE D HYBRID
FOR EXISTING INLET

INLET PROTECTION TYPE D HYBRID
FOR PROPOSED INLET

SOD LAWN

50' X 10' CONSTRUCTION ENTRANCE

CITY OF MADISON



DATE: \$\$...plottingdate...\$\$

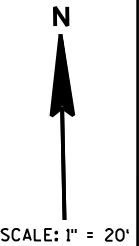
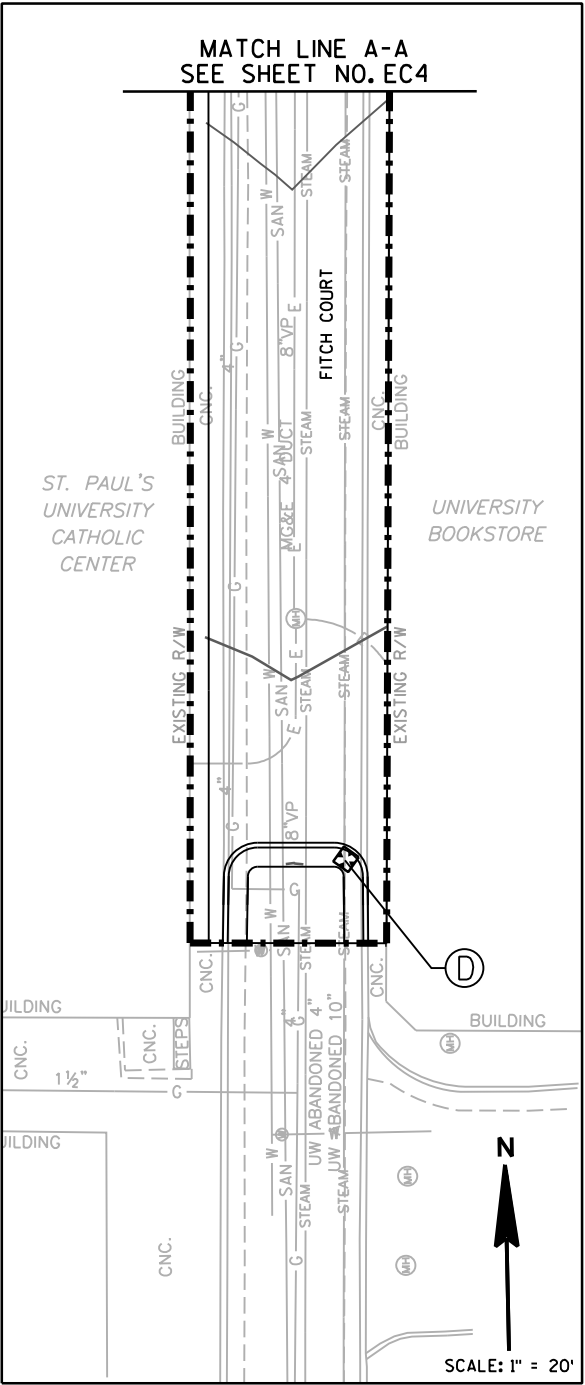
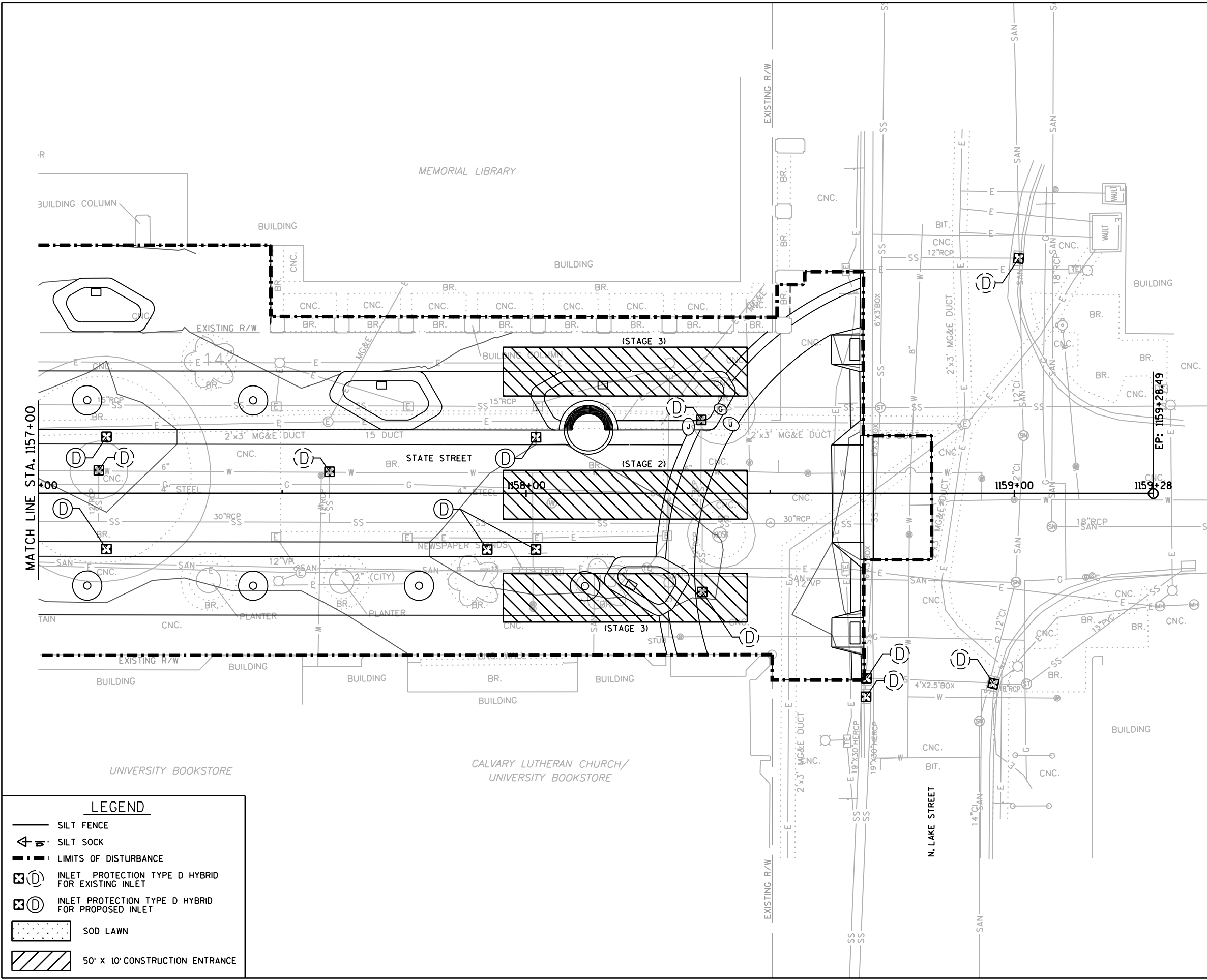
SCALE: 1" = 20'

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREET'S DIVISION



LEGEND

SILT FENCE

SILT SOCK

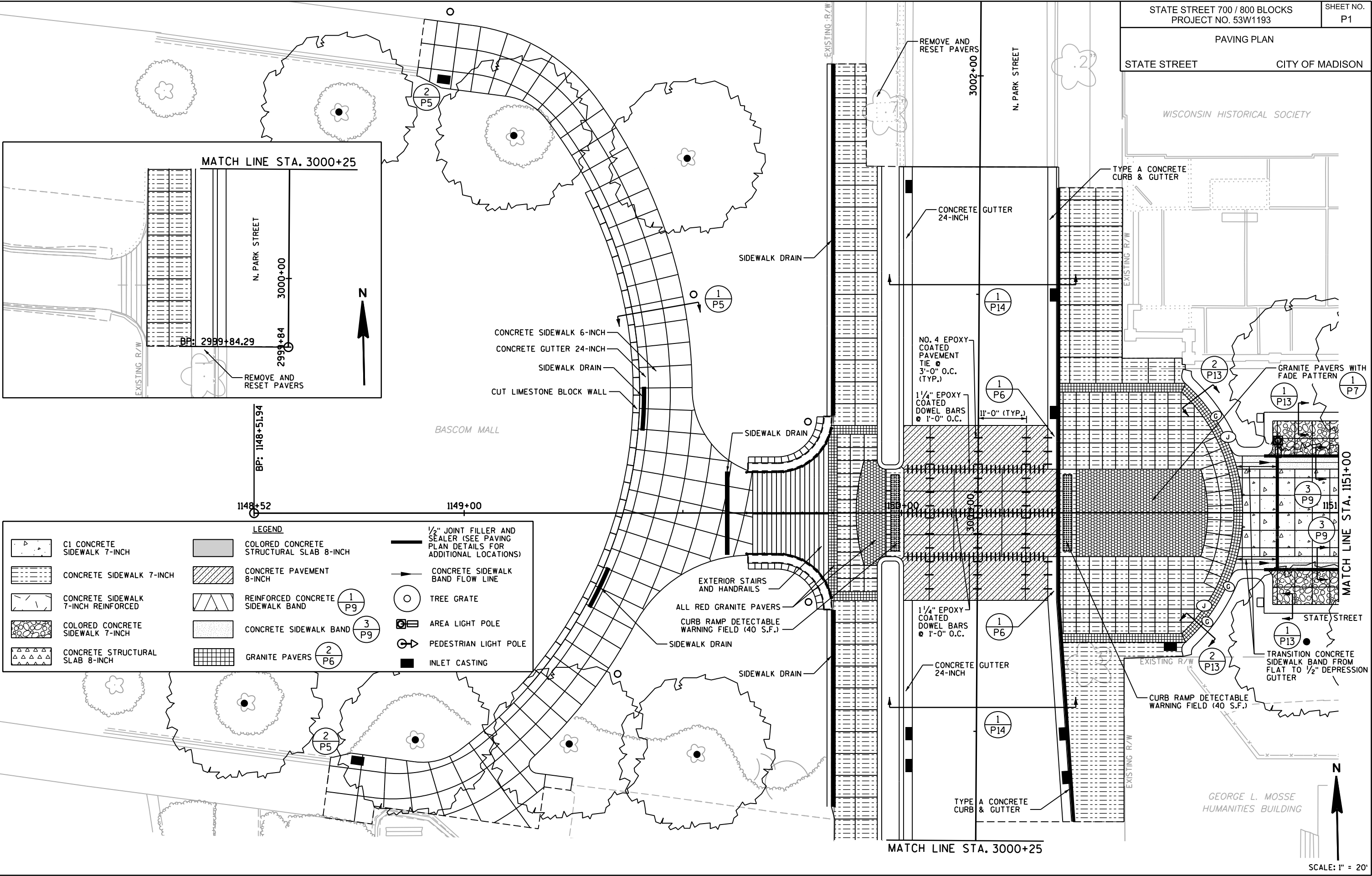
LIMITS OF DISTURBANCE

INLET PROTECTION TYPE D HYBRID
FOR EXISTING INLET

INLET PROTECTION TYPE D HYBRID
FOR PROPOSED INLET

SOD LAWN

50' X 10' CONSTRUCTION ENTRANCE



LEGEND			
	C1 CONCRETE SIDEWALK 7-INCH		COLORED CONCRETE STRUCTURAL SLAB 8-INCH
	CONCRETE SIDEWALK 7-INCH		CONCRETE PAVEMENT 8-INCH
	CONCRETE SIDEWALK 7-INCH REINFORCED		REINFORCED CONCRETE SIDEWALK BAND 1 P9
	COLORED CONCRETE SIDEWALK 7-INCH		CONCRETE SIDEWALK BAND 3 P9
	CONCRETE STRUCTURAL SLAB 8-INCH		GRANITE PAVERS 2 P6
			1/2" JOINT FILLER AND SEALER (SEE PAVING PLAN DETAILS FOR ADDITIONAL LOCATIONS)
			CONCRETE SIDEWALK BAND FLOW LINE
			TREE GRATE
			AREA LIGHT POLE
			PEDESTRIAN LIGHT POLE
			INLET CASTING

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREET'S DIVISION

WISCONSIN HISTORICAL SOCIETY

CONCRETE SIDEWALK 6-INCH

LIBRARY MALL

TRANSITION CONCRETE
SIDEWALK BAND FROM
FLAT TO 1/2" DEPRESSION
GUTTER

CONFLUENCE

GEORGE L. MOSSE
HUMANITIES BUILDING

EXISTING R/W

STATE STREET

THE UNIVERSITY CLUB

N

SCALE: 1" = 20'

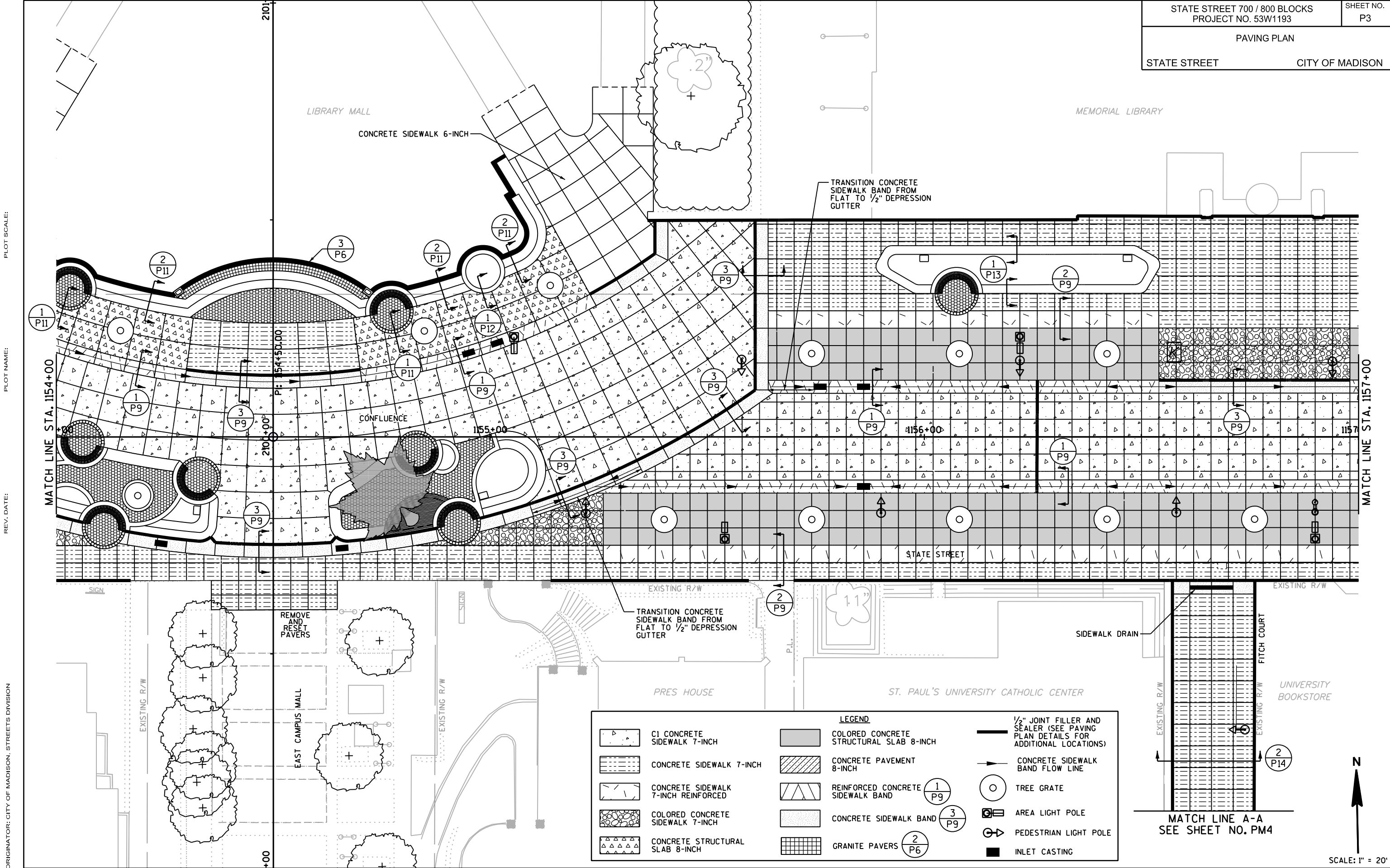
LEGEND			
	C1 CONCRETE SIDEWALK 7-INCH		COLORED CONCRETE STRUCTURAL SLAB 8-INCH
	CONCRETE SIDEWALK 7-INCH		CONCRETE PAVEMENT 8-INCH
	CONCRETE SIDEWALK 7-INCH REINFORCED		REINFORCED CONCRETE SIDEWALK BAND
	COLORED CONCRETE SIDEWALK 7-INCH		CONCRETE SIDEWALK BAND
	CONCRETE STRUCTURAL SLAB 8-INCH		GRANITE PAVERS
			1/2" JOINT FILLER AND SEALER (SEE PAVING PLAN DETAILS FOR ADDITIONAL LOCATIONS)
			CONCRETE SIDEWALK BAND FLOW LINE
			TREE GRATE
			AREA LIGHT POLE
			PEDESTRIAN LIGHT POLE
			INLET CASTING

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREET'S DIVISION



LEGEND			
	C1 CONCRETE SIDEWALK 7-INCH		COLORLED CONCRETE STRUCTURAL SLAB 8-INCH
	CONCRETE SIDEWALK 7-INCH		CONCRETE PAVEMENT 8-INCH
	CONCRETE SIDEWALK 7-INCH REINFORCED		REINFORCED CONCRETE SIDEWALK BAND
	COLORLED CONCRETE SIDEWALK 7-INCH		CONCRETE SIDEWALK BAND
	CONCRETE STRUCTURAL SLAB 8-INCH		GRANITE PAVERS
			
			
			
			1/2" JOINT FILLER AND SEALER (SEE PAVING PLAN DETAILS FOR ADDITIONAL LOCATIONS)
			CONCRETE SIDEWALK BAND FLOW LINE
			TREE GRATE
			AREA LIGHT POLE
			PEDESTRIAN LIGHT POLE
			INLET CASTING

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

REV. DATE:

PLOT NAME:

PLOT SCALE:

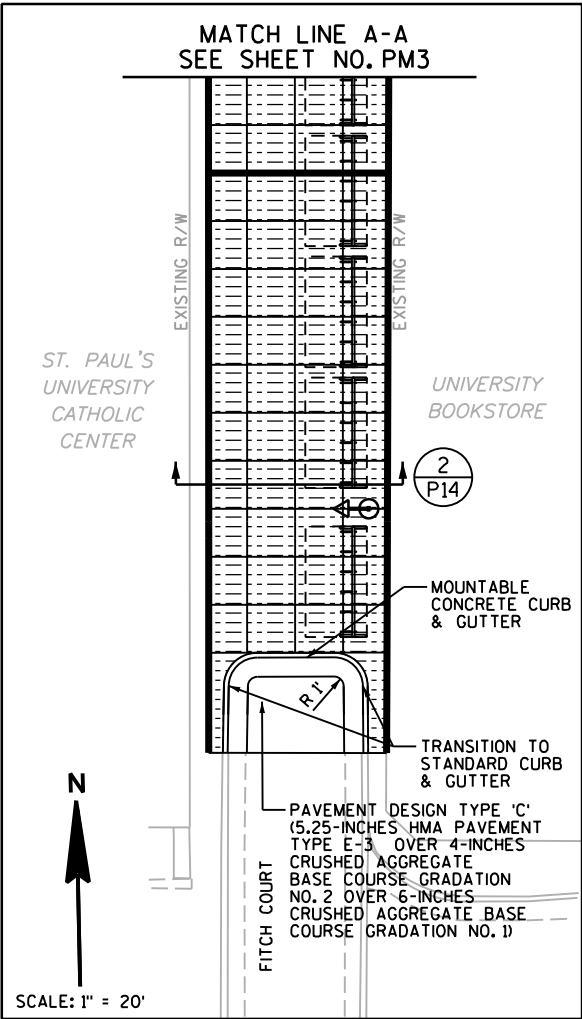
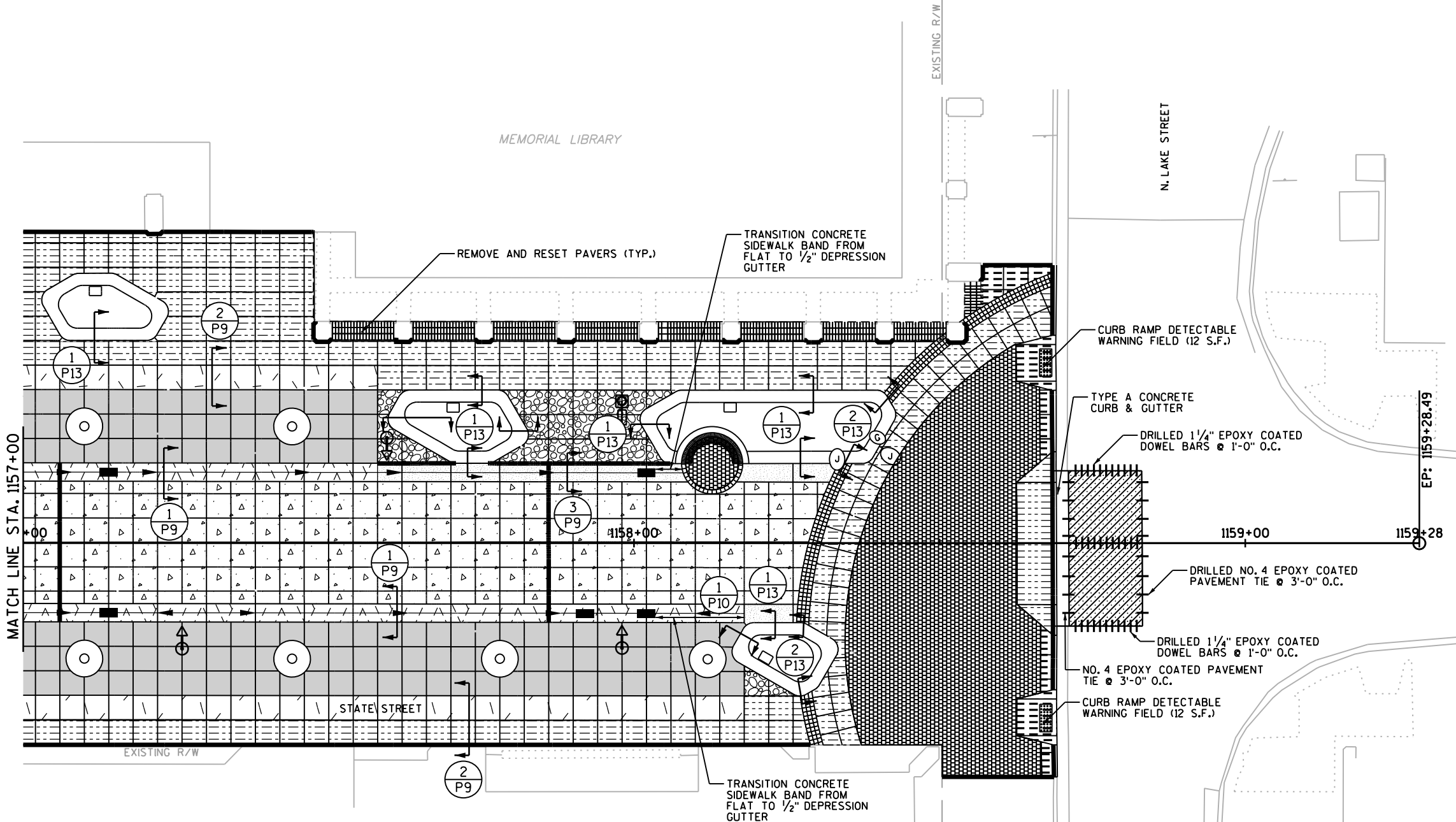
PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREET'S DIVISION

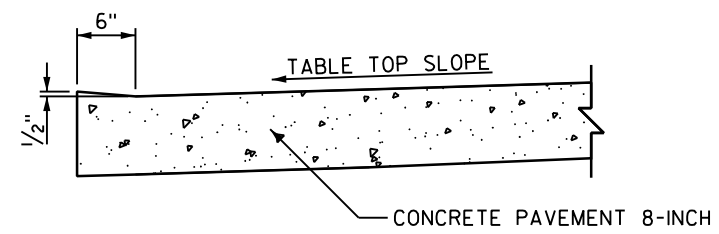
MATCH LINE STA. 1157+00



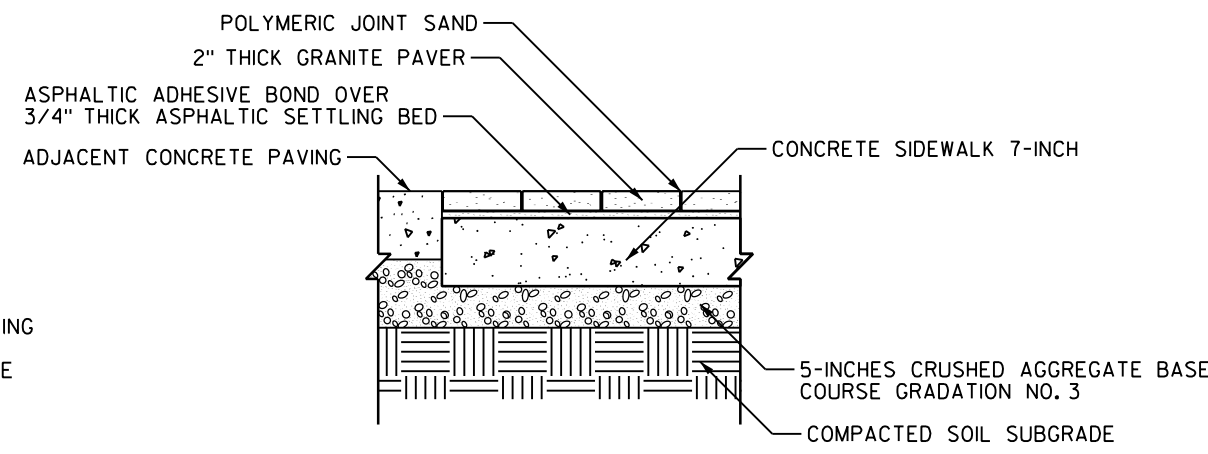
LEGEND			1/2" JOINT FILLER AND SEALER (SEE PAVING PLAN DETAILS FOR ADDITIONAL LOCATIONS)	
	C1 CONCRETE SIDEWALK 7-INCH		COLORED CONCRETE STRUCTURAL SLAB 8-INCH	
	CONCRETE SIDEWALK 7-INCH		CONCRETE PAVEMENT 8-INCH	
	CONCRETE SIDEWALK 7-INCH REINFORCED		REINFORCED CONCRETE SIDEWALK BAND	
	COLORED CONCRETE SIDEWALK 7-INCH		CONCRETE SIDEWALK BAND	
	CONCRETE STRUCTURAL SLAB 8-INCH		GRANITE PAVERS	
				

SCALE: 1" = 20'

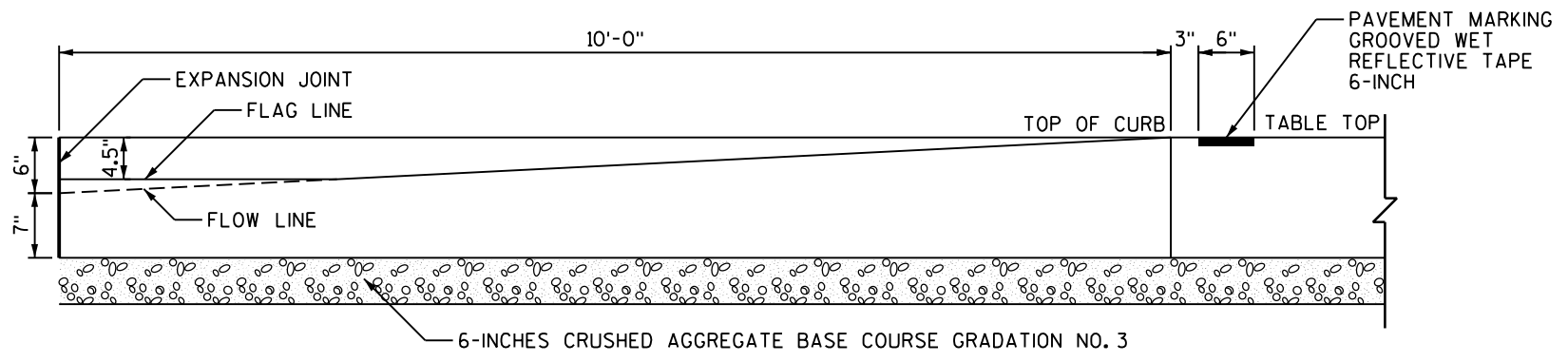




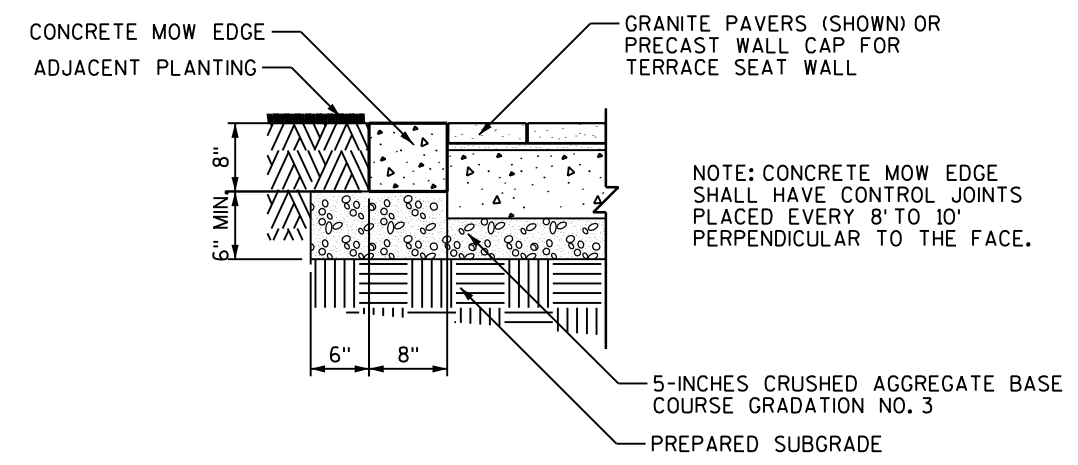
SECTION VIEW B-B



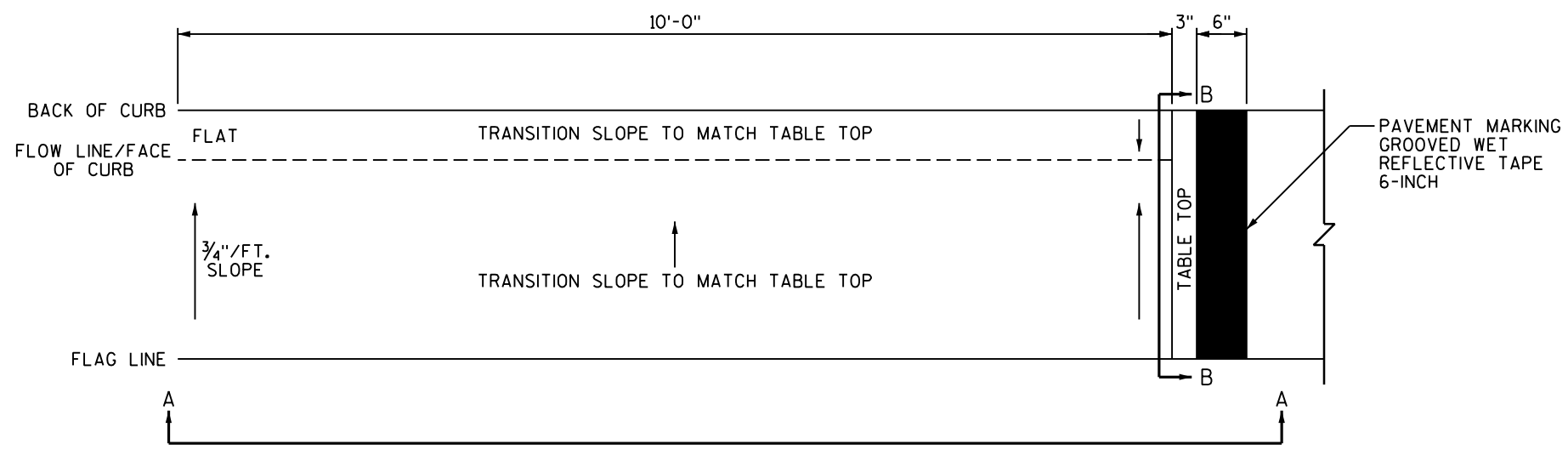
2 GRANITE PAVERS
P6 SCALE: NONE



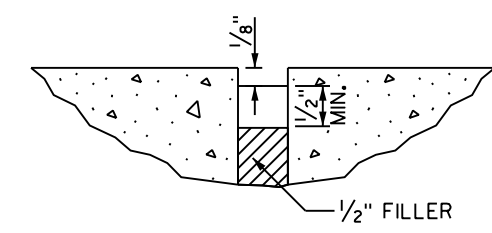
SECTION VIEW A-A



3 CONCRETE MOW EDGE
P6 SCALE: NONE



PLAN VIEW



NOTE: SEAL ALL EXPOSED SURFACES OF 1/2" JOINT FILLER (1/2" MIN. DEEP AND HOLD 1/8" BELOW SURFACE OF CONCRETE). COLOR OF JOINT SEALER TO BE VERIFIED BY ENGINEER.

4 1/2-INCH JOINT FILLER AND SEALER
P6 SCALE: NONE

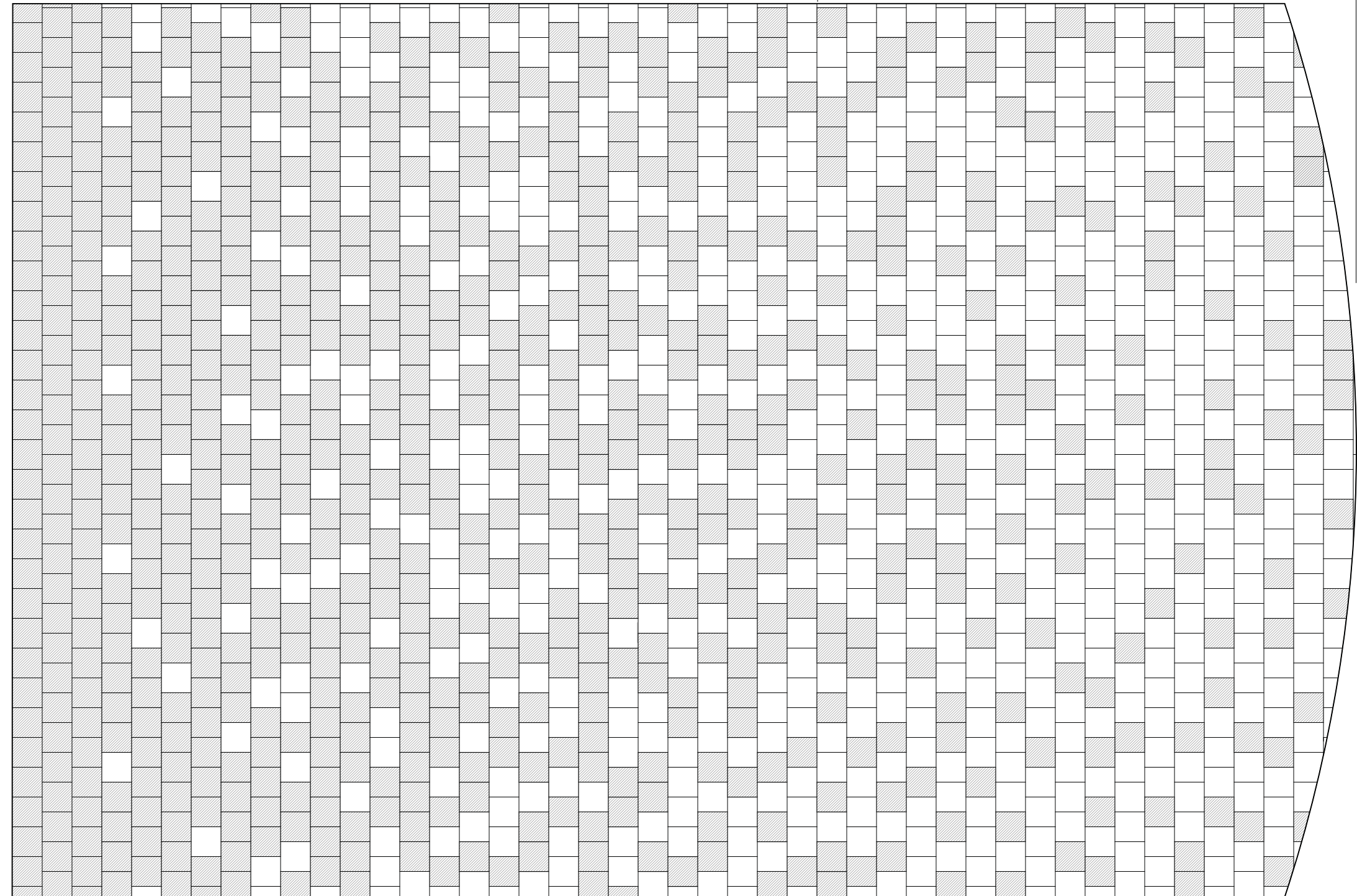
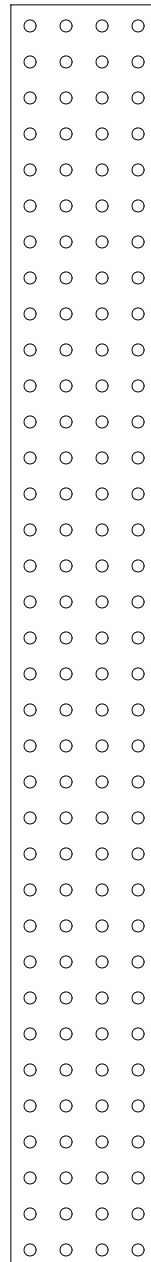
1 CONCRETE CURB & GUTTER SPECIAL
P6 SCALE: NONE N. PARK STREET

PLOT SCALE:
PLOT NAME:
REV. DATE:
ORIGINATOR: CITY OF MADISON, STREET'S DIVISION

CITY OF MADISON

BACK OF CONC.

25% RED
(TYPICAL PROPORTION)



ORIGINATOR: CITY OF MADISON, STREETS DIVISION

1 PARK STREET GRANITE PAVER FADE PATTERN
P7 3/8"=1'-0"

REINFORCEMENT PLAN - PEDESTRIAN LIGHT BASE OPENINGS

4/14 - Updated opening sizes

Diagram illustrating the Joint Plan for a concrete sidewalk expansion joint. The diagram shows a cross-section of the sidewalk with various components and dimensions labeled.

Labels and Dimensions:

- EDGE OF REINFORCED CONCRETE SIDEWALK BAND
- 24'-0"
- 24'-0"
- 24'-0"
- 24'-0"
- 24'-0"
- EXPANSION JOINT (TYP.), LOCATE EXPANSION JOINTS A MINIMUM OF 8'-0" FROM C_L OF TREE GRATE OPENINGS OR 6'-0" FROM C_L OF LIGHT BASE OPENINGS
- 3'-0"
- 12'-0"
- NOR. VARIES
- JOINT PLAN
- 1 1/4" X 2'-6" EPOXY COATED EXPANSION DOWELS @ 24" SPACING
- 1/2" JOINT FILLER AND SEALER, PLACE EVERY 96'-0" MAX.
- ADJACENT PAVEMENT
- NOTE: LIMIT INDIVIDUAL SLAB POURS TO 24'-0". PLACE EXPANSION JOINT WITH 1/2" JOINT FILLER EVERY 96'-0". DO NOT RUN REINFORCING THROUGH EXPANSION JOINTS. LAP NO. 4 BARS 1'-8" MINIMUM WHERE REQUIRED.
- CONSTRUCTION JOINT PLACE APPROXIMATELY EVERY 24'-0" TO MATCH SCORE MARKS SHOWN ON PAVING AND SITE GRADING PLAN SHEETS
- 1/2" JOINT FILLER AND SEALER, PLACE EVERY 96'-0" MAX.
- 1 1/4" X 2'-6" EPOXY COATED EXPANSION DOWELS @ 24" SPACING

NO. 6 BARS @ 6" MAX. O.C. (TYP.),
PLACE NO. 6 BARS @ 4" MAX. O.C.
WITHIN 3'-0" MIN. OF EXPANSION JOINTS
AND WITHIN 3'-0" MIN. OF OPENINGS FOR
TREE GRATES OR LIGHT BASES.

NO. 4 BARS @ 1'-6"
MAX. O.C. (TYP.)

4-INCH CARDBOARD
VOID FORM

1'-0"
(TYP.)

2" CL.

TYPICAL SECTION THRU
CONCRETE STRUCTURAL SLAB 8-INCH

SEE PAVING PLANS FOR LOCATIONS OF COLORED
AND NON COLORED STRUCTURAL SLABS

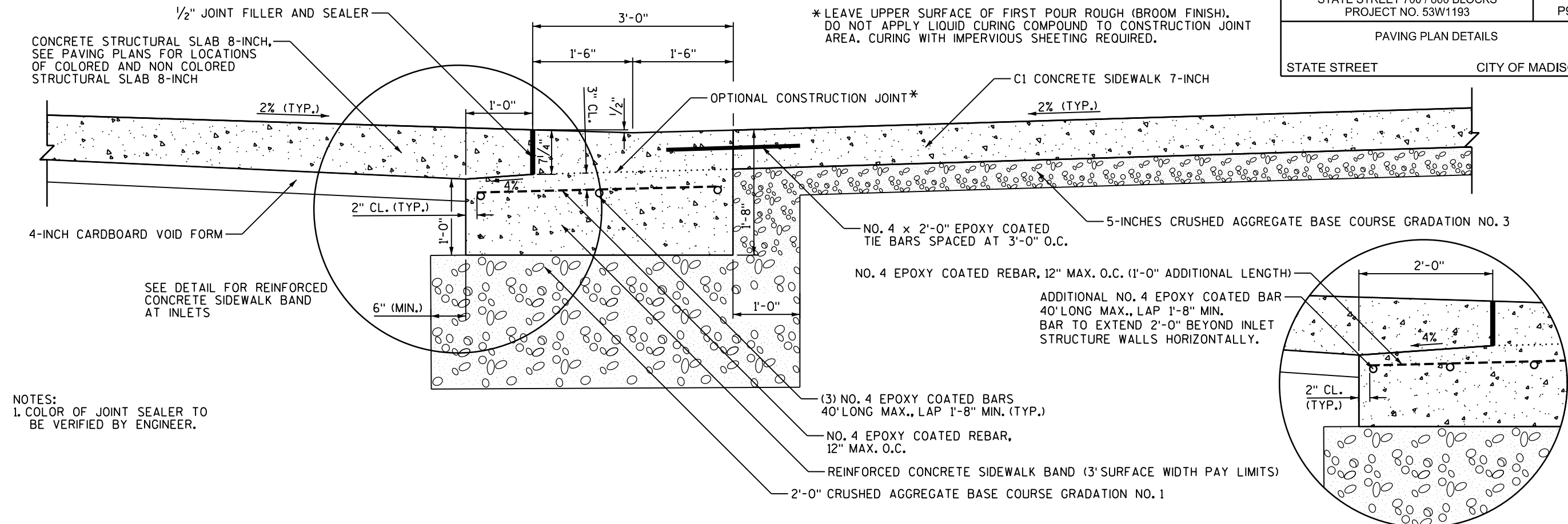
REINFORCEMENT PLAN - TREE OPENINGS

- ✱ ½" JOINT FILLER AND SEALER.
- NOTES:
1. COLOR OF JOINT SEALER TO BE DETERMINED BY ENGINEER.
 2. CUT REINFORCEMENT AT OPENING AND HOLD 2" CLEAR. COAT ENDS OF REINFORCEMENT WITH EPOXY IN ACCORDANCE WITH SUBSECTION 505.2.4.2 OF THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION OF THE STATE OF WISCONSIN, DEPARTMENT OF TRANSPORTATION.

Diagram illustrating the Reinforcement Plan for Area Light Base Openings. The plan shows a rectangular area with various dimensions and reinforcement details:

- Overall Dimensions:**
 - Horizontal dimensions: 3'-0" (left), VARIES, 12'-0" NOR. (top), VARIES, 10'-6" NOR. (middle), VARIES, 1'-6" NOR. (right).
 - Vertical dimensions: NO. 6 BARS @ 6" O.C. (STANDARD REINFORCING) (left), 24 SPA. @ 4" O.C. = 8'-0" NO. 6 BARS CENTERED ON 1'-6" OPENING (middle), NO. 6 BARS @ 6" O.C. (STANDARD REINFORCING) (bottom).
- Reinforcement Details:**
 - NO. 6 BARS @ 6" O.C. (STANDARD REINFORCING):** Indicated on the left and bottom edges.
 - 24 SPA. @ 4" O.C. = 8'-0" NO. 6 BARS CENTERED ON 1'-6" OPENING:** Indicated in the middle section.
 - NO. 4 BARS @ 1'-6" MAX. SPACING (STANDARD REINFORCING):** Indicated in the bottom section.
 - NO. 4 EPOXY COATED REBAR, 1'-6" MAX. O.C. STANDARD REINFORCING (TYP.):** Indicated in the bottom section.
 - ADDITIONAL NO. 6 BARS @ 4 1/2" MAX. BETWEEN STANDARD REINFORCING, 8'-0" LONG:** Indicated in the bottom section.
- Other Features:**
 - EDGE OF THICKENED SHELF:** Indicated on the right side.
 - REINFORCED CONCRETE SIDEWALK BAND:** Indicated on the left side.
 - 1'-6" OPENING:** Indicated in the center.
 - 4'-0" MIN.:** Indicated in the center.
 - 6":** Indicated at the bottom corners.

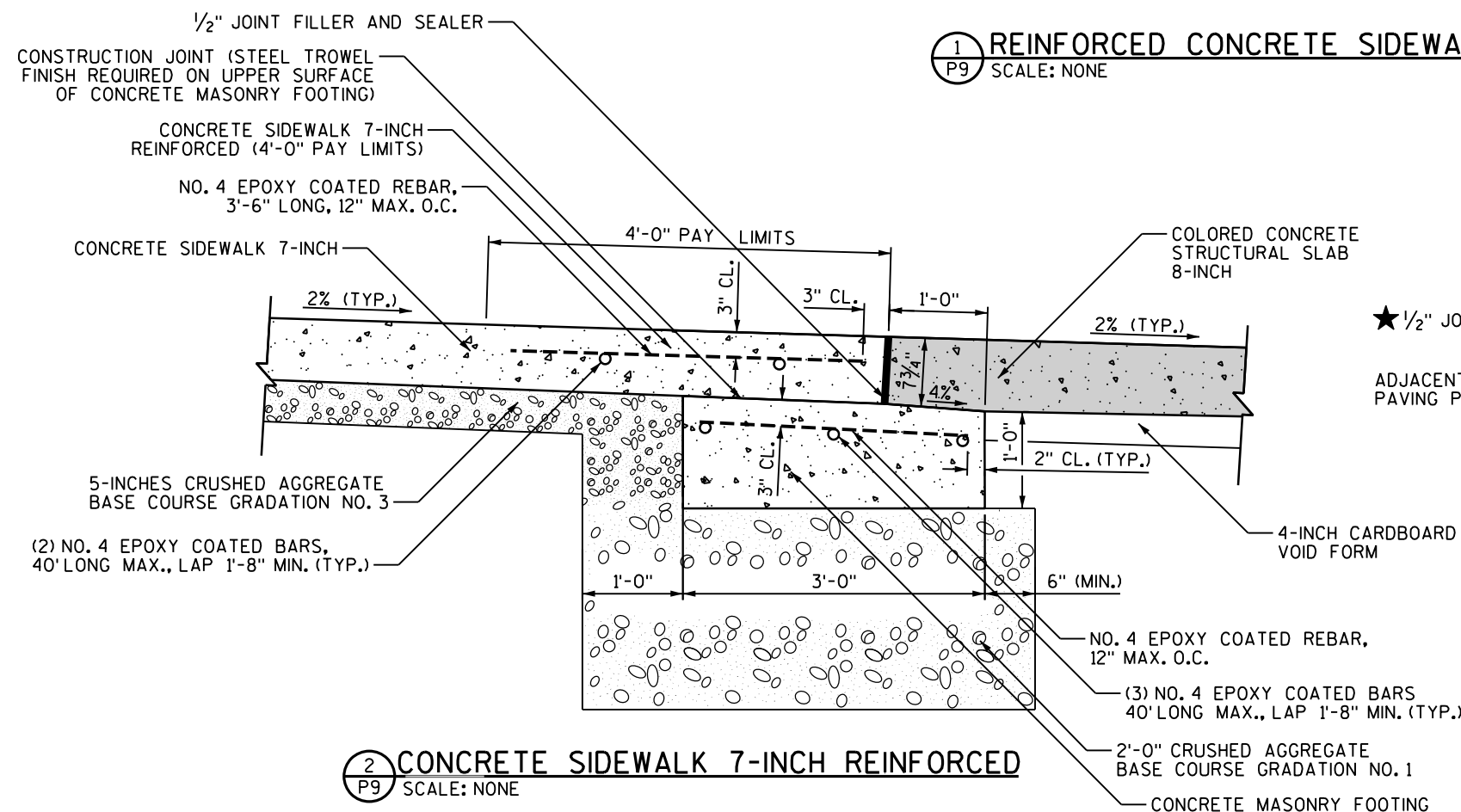
REINFORCEMENT PLAN - AREA LIGHT BASE OPENINGS



REINFORCED CONCRETE SIDEWALK BAND AT INLETS

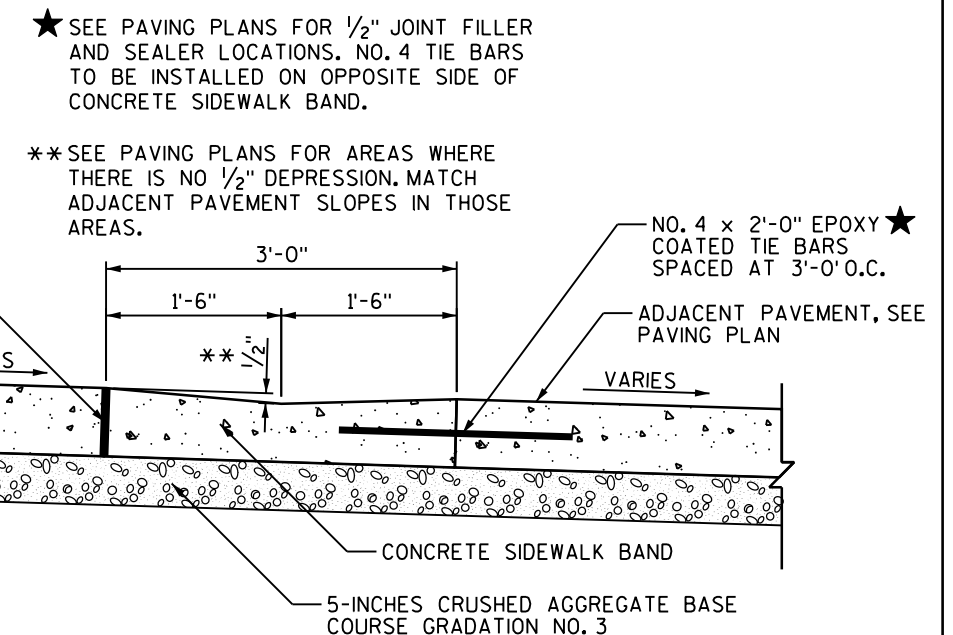
1 REINFORCED CONCRETE SIDEWALK BAND

P9 SCALE: NONE



2 CONCRETE SIDEWALK 7-INCH REINFORCED

P9 SCALE: NONE



3 CONCRETE SIDEWALK BAND

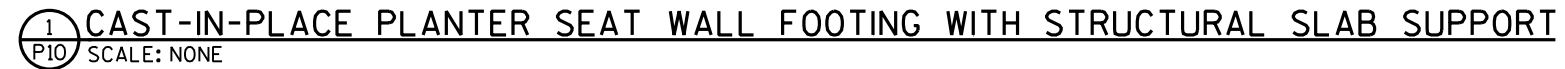
P9 SCALE: NONE

PLOT SCALE:

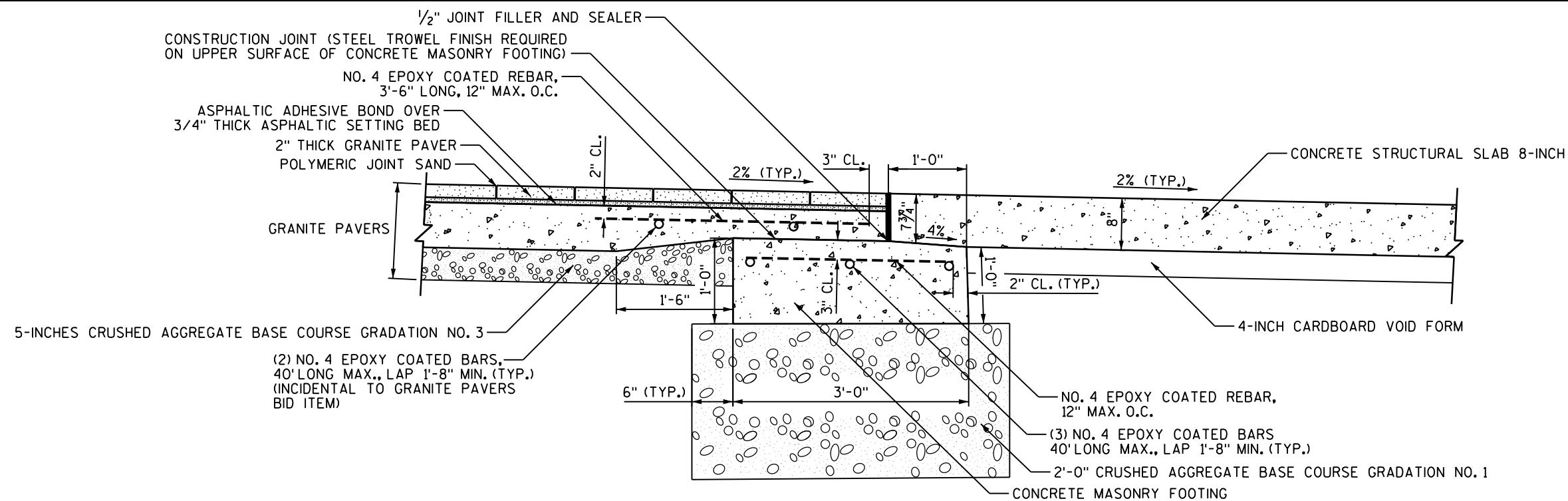
PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREET'S DIVISION

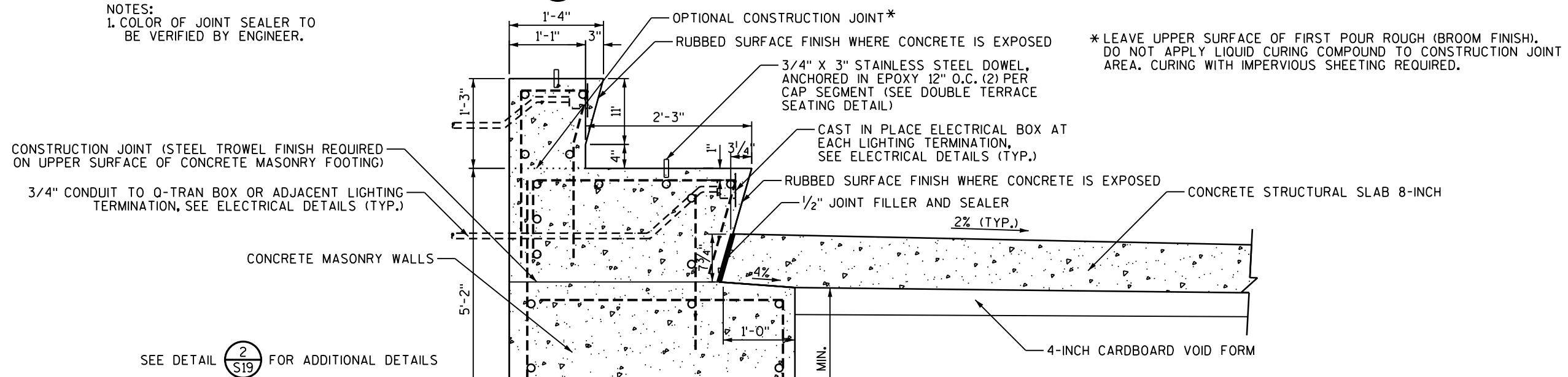


2 CONCRETE MASONRY SIDEWALK REINFORCED
P10 SCALE: NONE



1 GRANITE PAVERS WITH STRUCTURAL SLAB FOOTING
P11 SCALE: NONE

NOTES:
1. COLOR OF JOINT SEALER TO
BE VERIFIED BY ENGINEER.



2 DOUBLE TERRACE SEAT WALL WITH STRUCTURAL SLAB SUPPORT
P11 SCALE: NONE

FORM FOOTING FOR DOUBLE TERRACE SEAT WALL AROUND
EXISTING ELECTRICAL VAULTS AT LIBRARY MALL LAWN.
ADJUST POSITION OF EPOXY COATED BAR STEEL REINFORCEMENT
AROUND ELECTRICAL VAULTS TO PROVIDE 2" MINIMUM CLEARANCE.
IF REINFORCEMENT IS CUT OR DAMAGED, COAT CUT OR DAMAGED
SURFACES WITH EPOXY IN ACCORDANCE WITH SUBSECTION 505.2.4.2
OF THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR
HIGHWAY AND STRUCTURE CONSTRUCTION OF THE STATE OF WISCONSIN,
DEPARTMENT OF TRANSPORTATION.

NO. 4 EPOXY COATED REBAR,
12" MAX O.C. (TYP.)

CONCRETE MASONRY WALLS, COLORED

2" CL. (TYP.)

— CONCRETE STRUCTURAL SLAB 8-INCH

• • •

2" CL. (TYP.)

— 2'-0" CRUSHED
AGGREGATE BASE
COURSE GRADATION
NO. 1

6" (TYP.)

LEVEL

①
P12

SCALE: NONE

—EPOXY DOWEL BAR (THIS SIDE ONLY)

VARIES

—5-INCHES CRUSHED AGGREGATE BASE COURSE GRADATION NO.3

4-INCH CARDBOARD VOID FORM

1'-0"

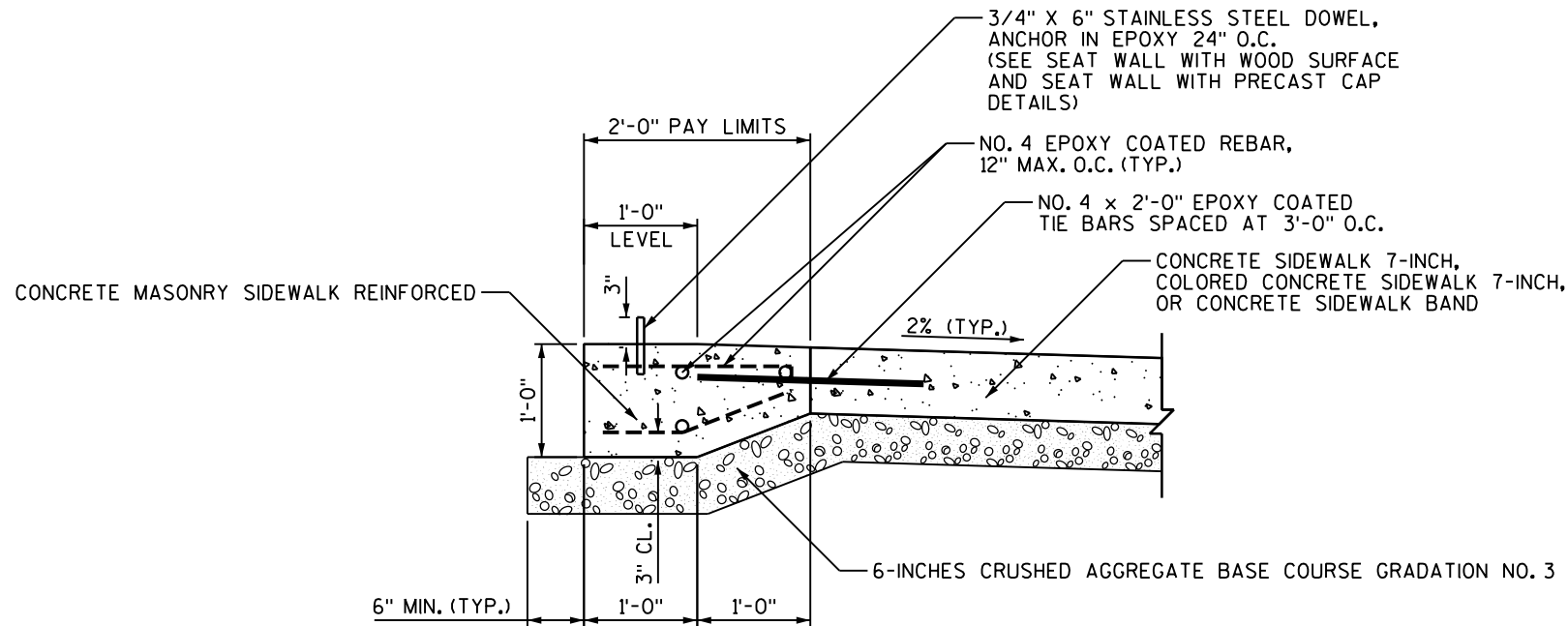
VARIES

TAPER TO
NEAREST
SIDEWALK
SCORE JOINT

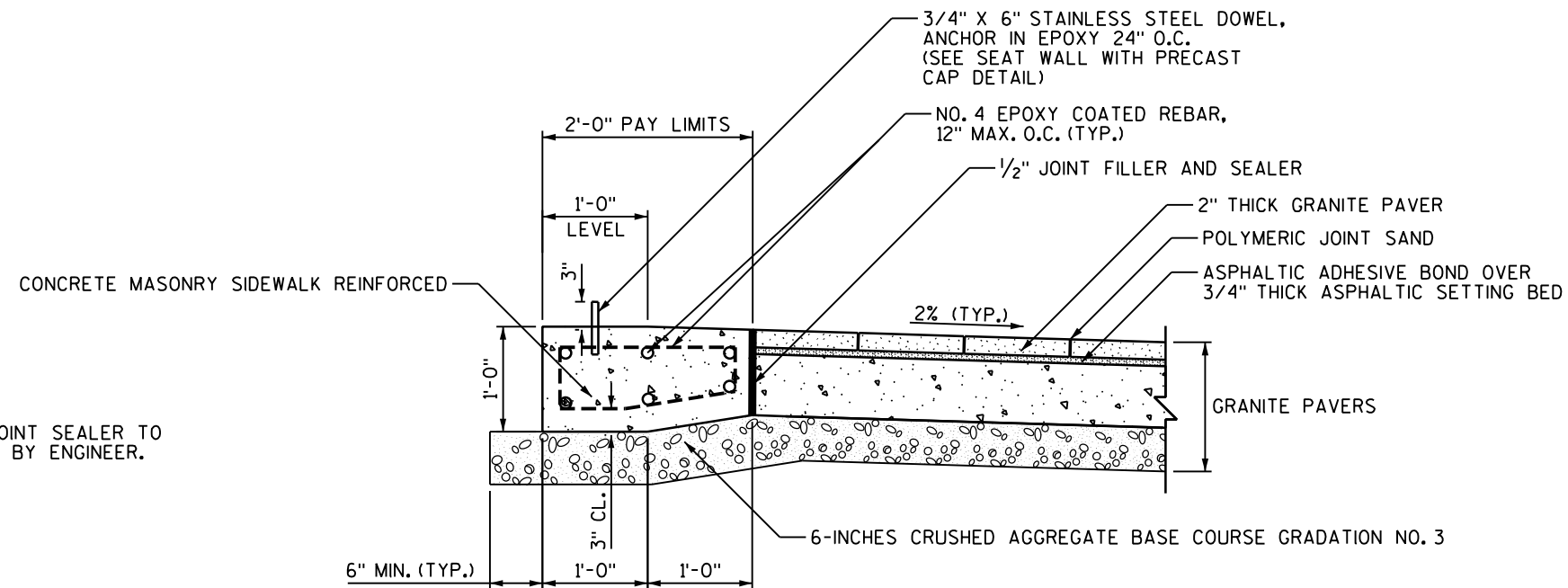
2
P12

SCALE: NONE

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



1 CAST-IN-PLACE SEAT WALL FOOTING
P13 SCALE: NONE



NOTES:
1. COLOR OF JOINT SEALER TO
BE VERIFIED BY ENGINEER.

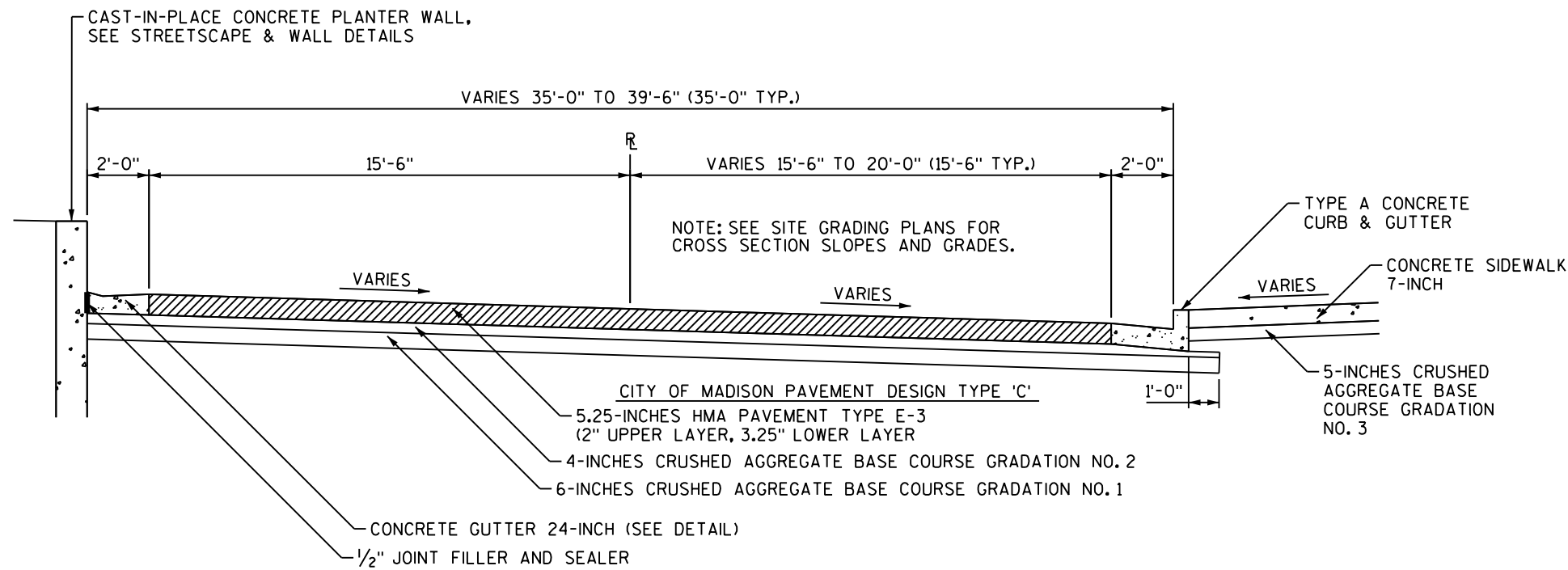
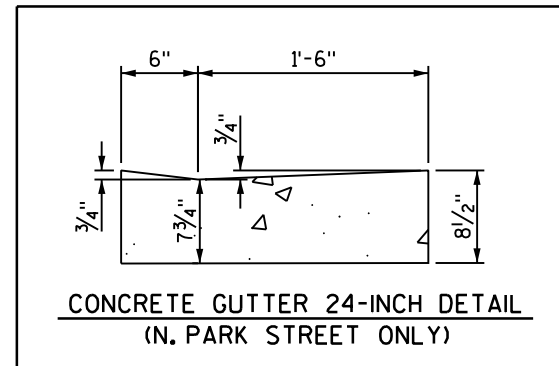
2 CAST-IN-PLACE SEAT WALL FOOTING ABUTTING BRICK PAVERS
P13 SCALE: NONE

PLOT SCALE:

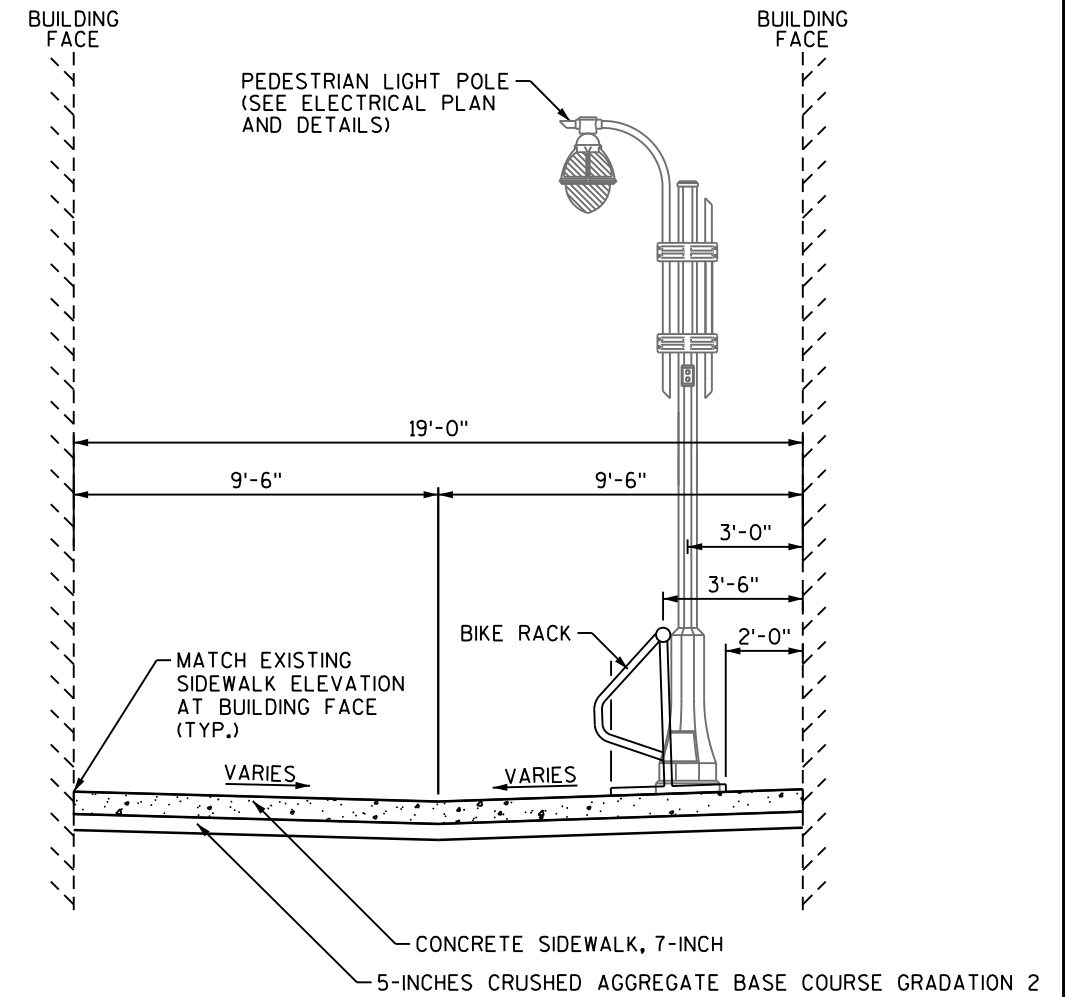
PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREET'S DIVISION



1 FINISHED TYPICAL SECTION - N. PARK STREET
P14 SCALE: NONE STA. 2999+84 - STA. 3000+80
STA. 3001+20 - STA. 3001+79



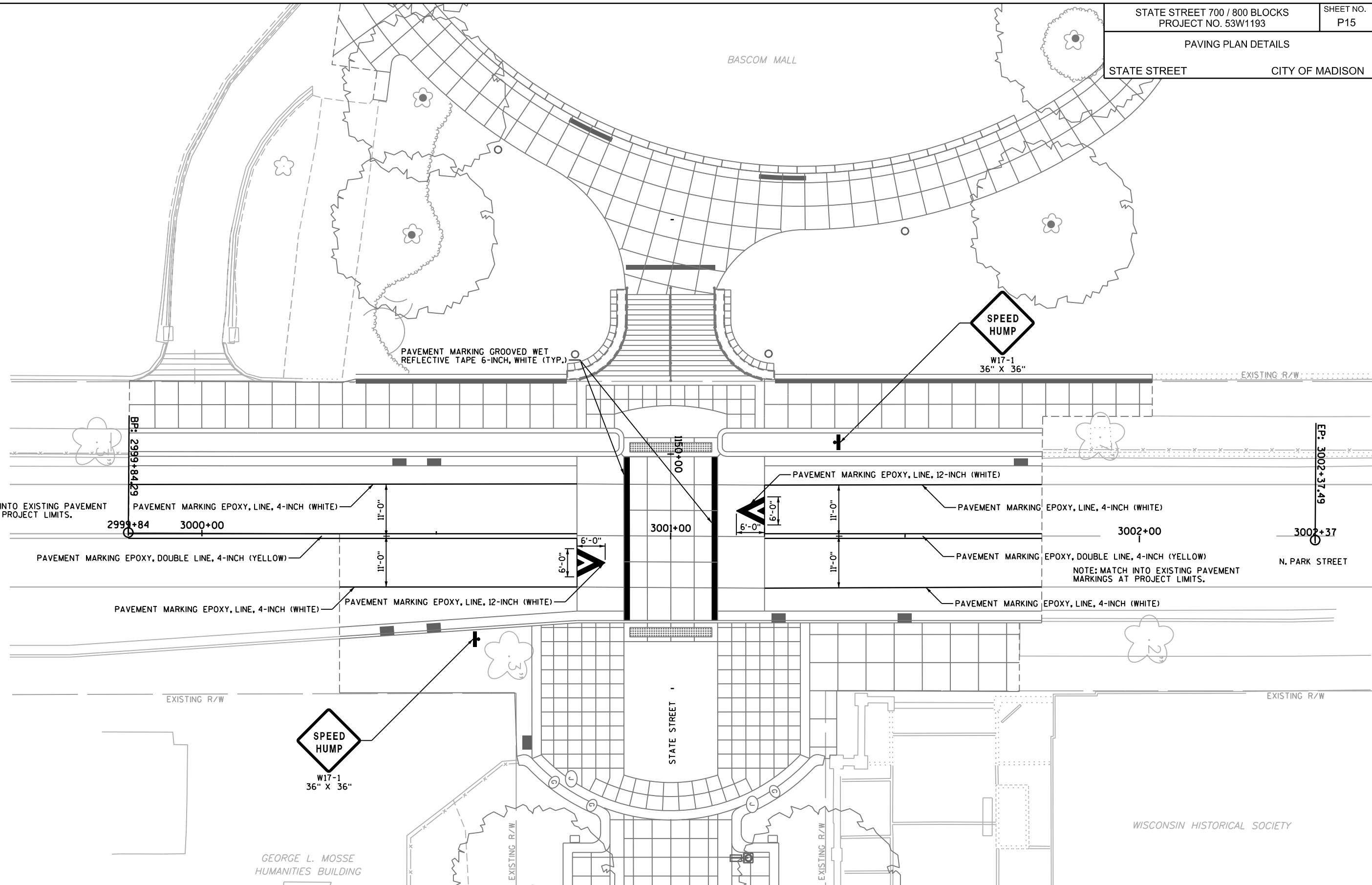
2 FINISHED TYPICAL SECTION - FITCH COURT
P14 SCALE: NONE (LOOKING NORTH)

PLOT SCALE:

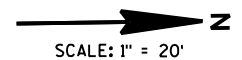
PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREET'S DIVISION



1 N. PARK STREET PAVEMENT MARKING AND PERMANENT SIGNING
P15



SHEET NO.
SG1

STATE STREET CITY OF MADISON

WISCONSIN HISTORICAL SOCIETY

NOTE: EX. RIM = 879
PATHWAY TO BE
CONSTRUCTED OVER
THE TOP OF VAULT
STRUCTURE

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

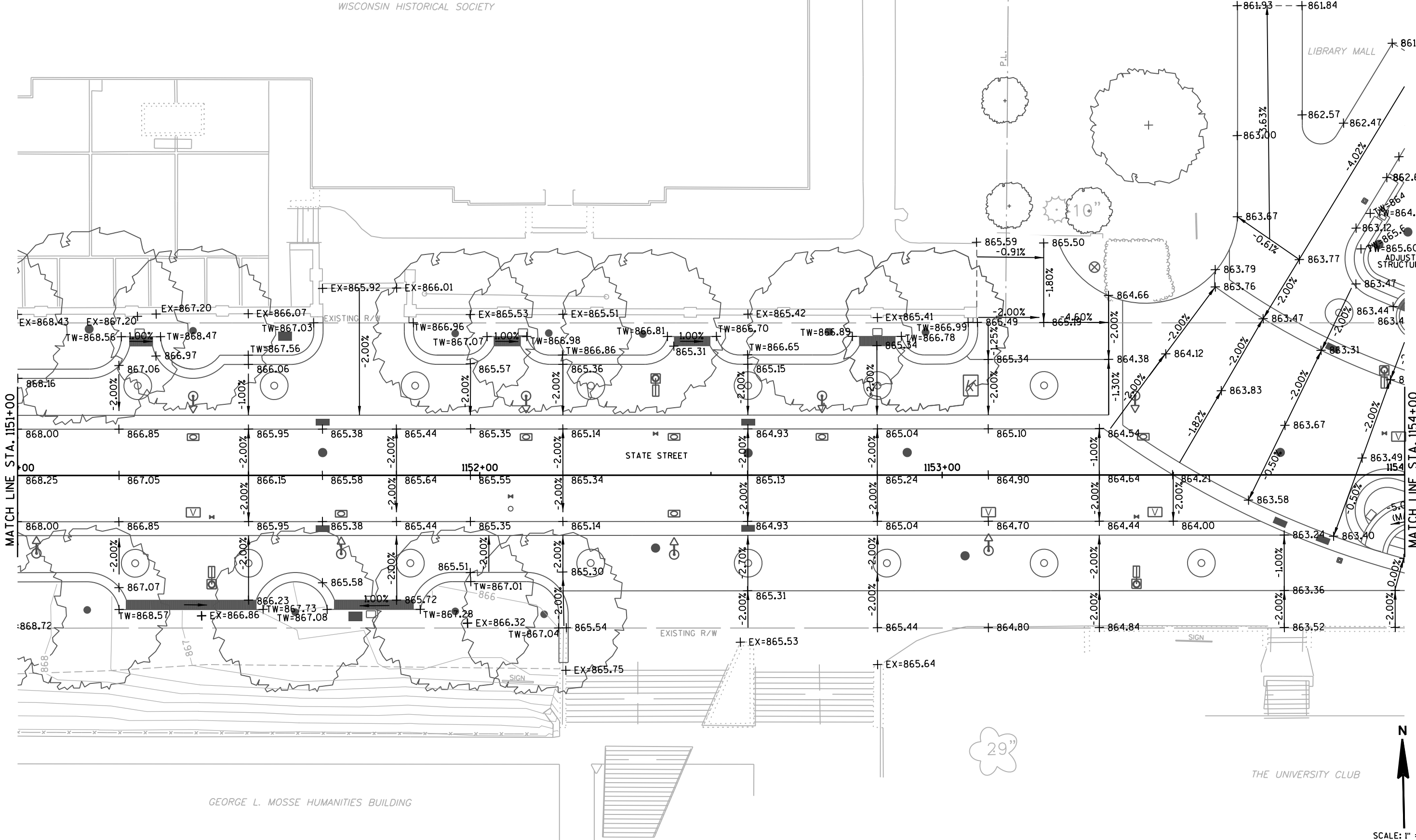
DATE: 3/21/2014

WISCONSIN HISTORICAL SOCIETY

LIBRARY MALL

THE UNIVERSITY CLUB

GEORGE L. MOSSE HUMANITIES BUILDING



SCALE: 1" = 20'

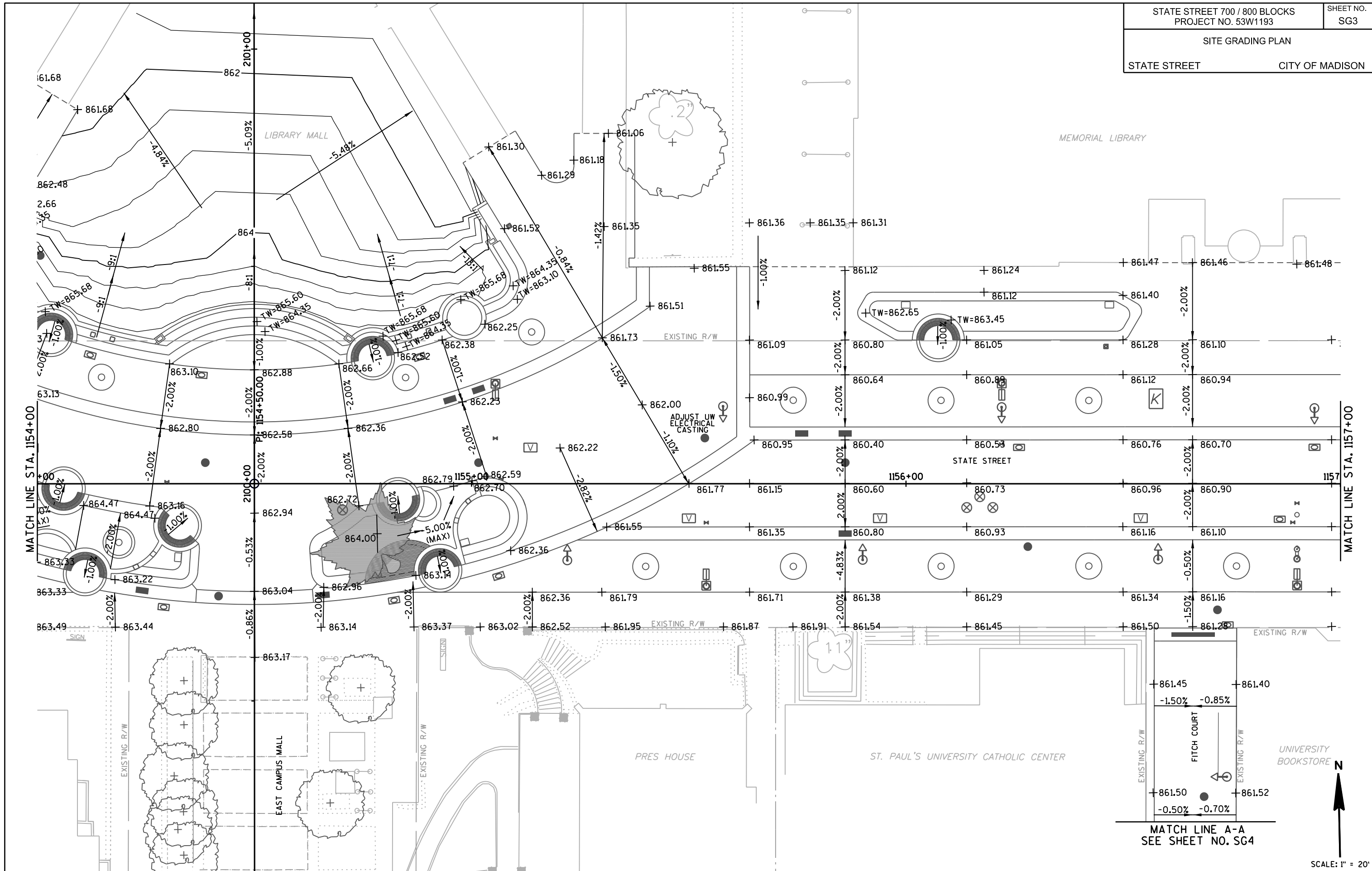
ORIGINATOR: CITY OF MADISON, STREET'S DIVISION
REV. DATE:
PLOT NAME:
PLOT SCALE:

PLOT SCALE:

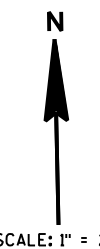
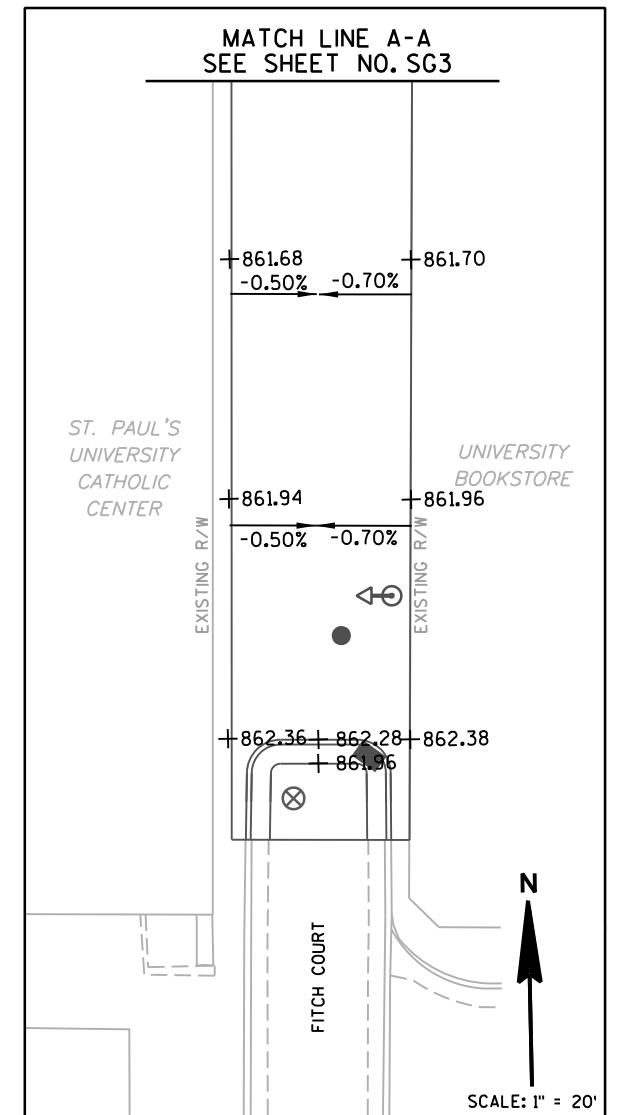
PLOT NAME:

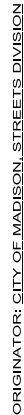
REV. DATE:

ORIGINATOR: CITY OF MADISON, STREET'S DIVISION



STATE STREET CITY OF MADISON





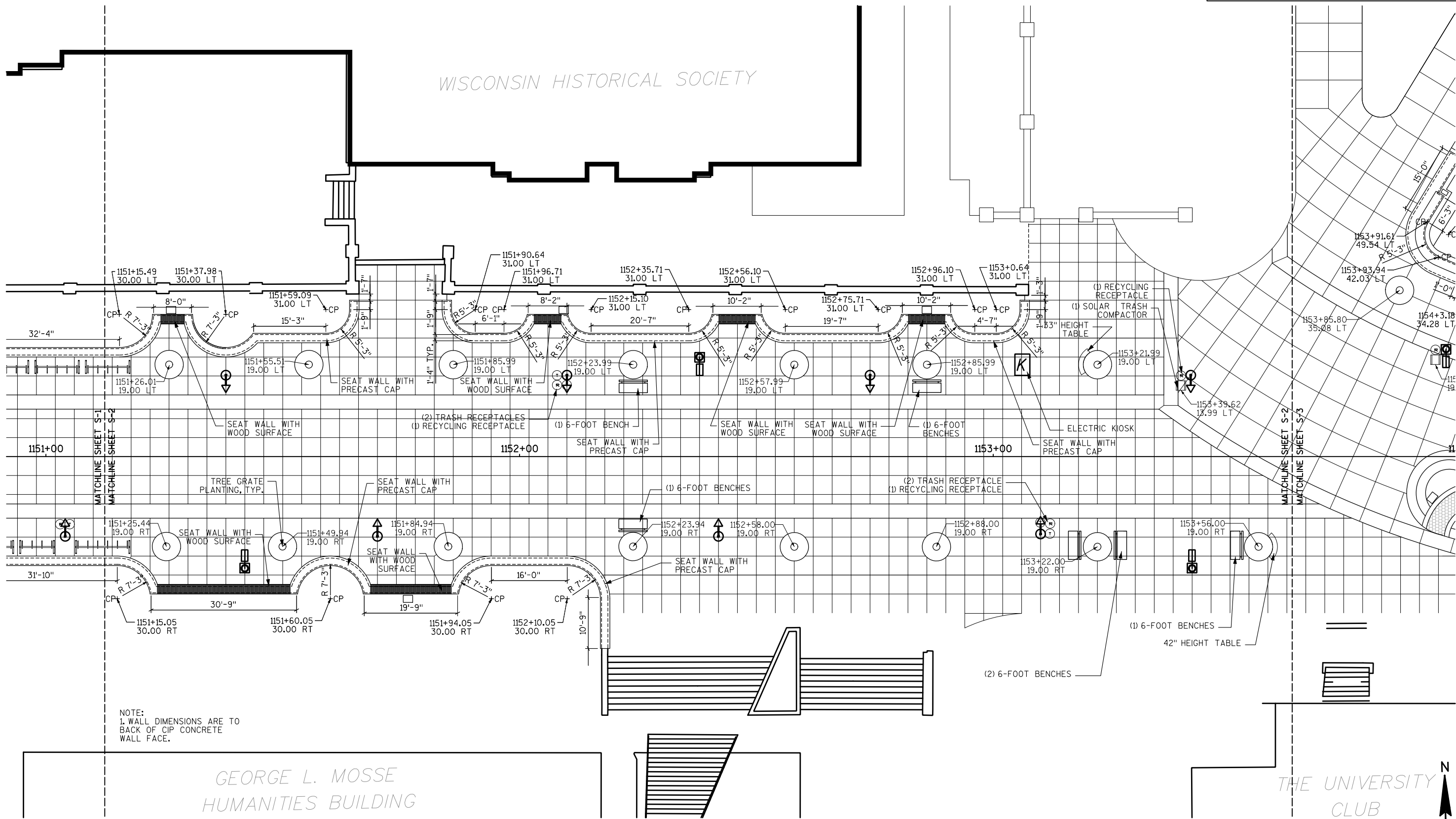
FILE NAME: \$\$....designfile....\$\$

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

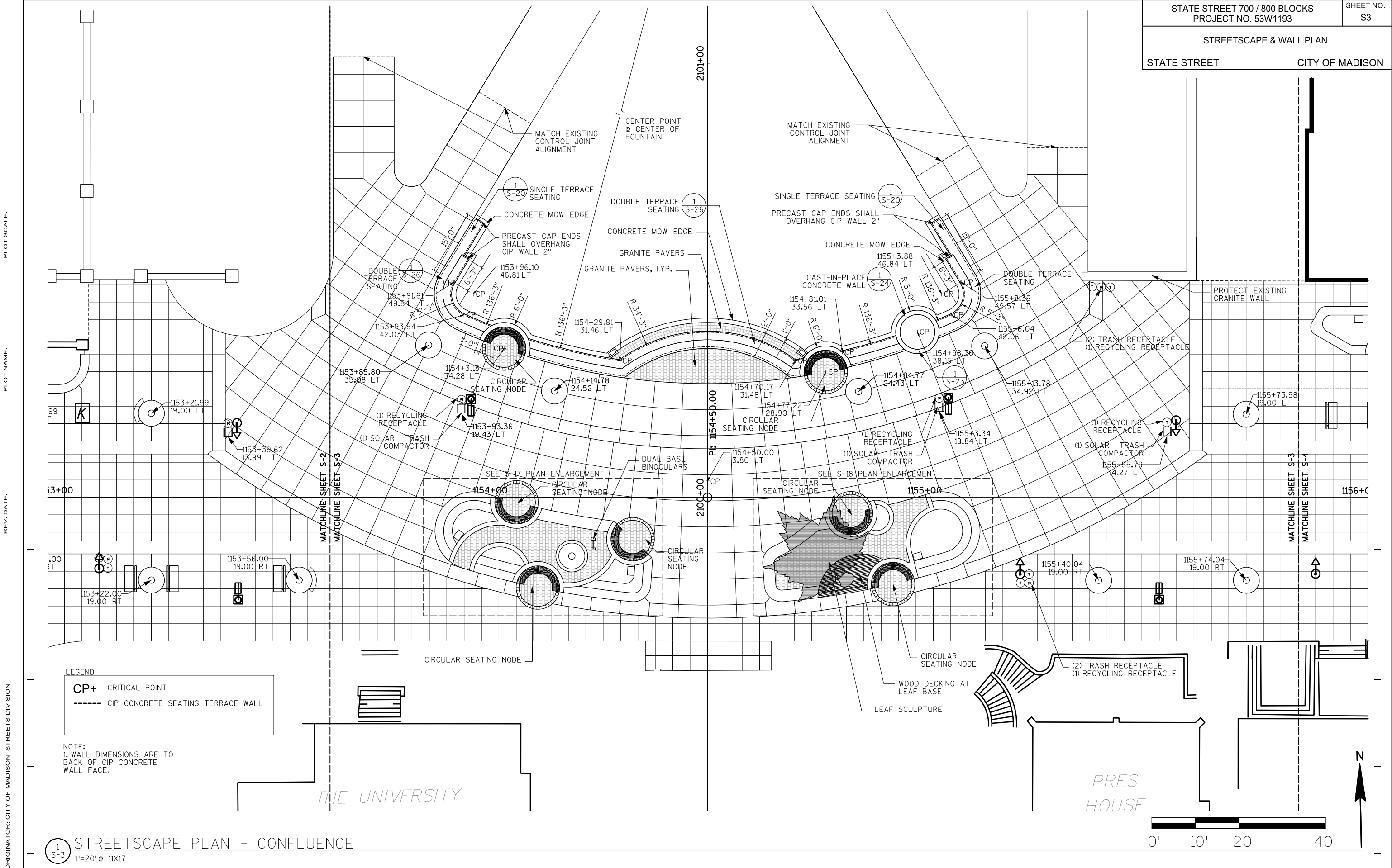
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



NOTE:
1. WALL DIMENSIONS ARE TO
BACK OF CIP CONCRETE
WALL FACE.

1
S-2
STREETSCAPE PLAN - 800 BLOCK
1"=20' @ 11X17





ORIGINATOR: CITY OF MADISON, STREETS DIVISION

REV. DATE: _____

PLOT NAME: _____

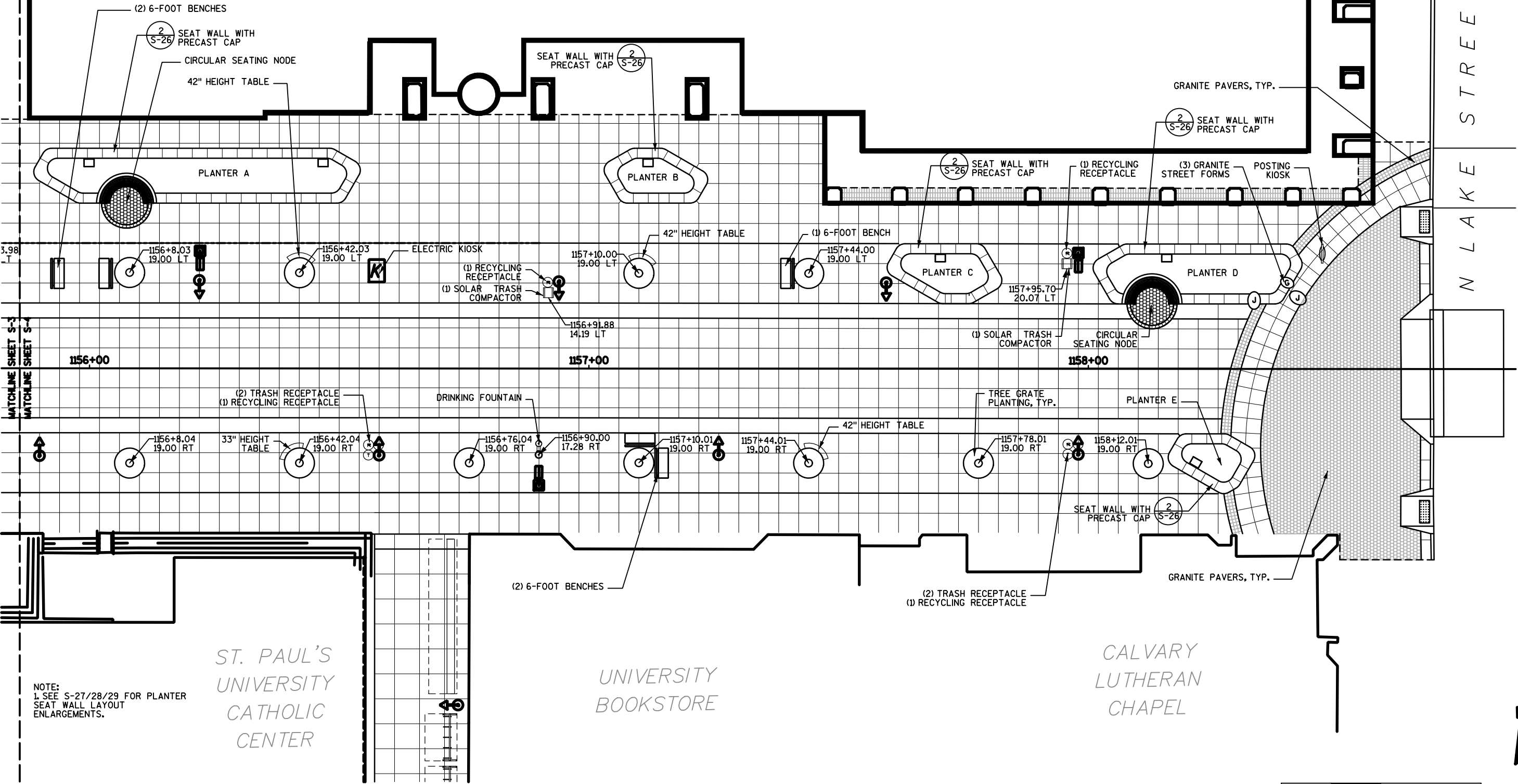
PLOT SCALE: _____

FILE NAME: \$\$...designfile...\$\$

DATE: \$\$...plottingdate...\$\$

REVISED 3/21/14: Added call outs for
Seat Wall with Precast Cap details for
Planters A - E.

MEMORIAL LIBRARY



NOTE:
1. SEE S-27/28/29 FOR PLANTER
SEAT WALL LAYOUT
ENLARGEMENTS.

1
S-4

STREETSCAPE PLAN - 700 BLOCK

1"=20' @ 11X17

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

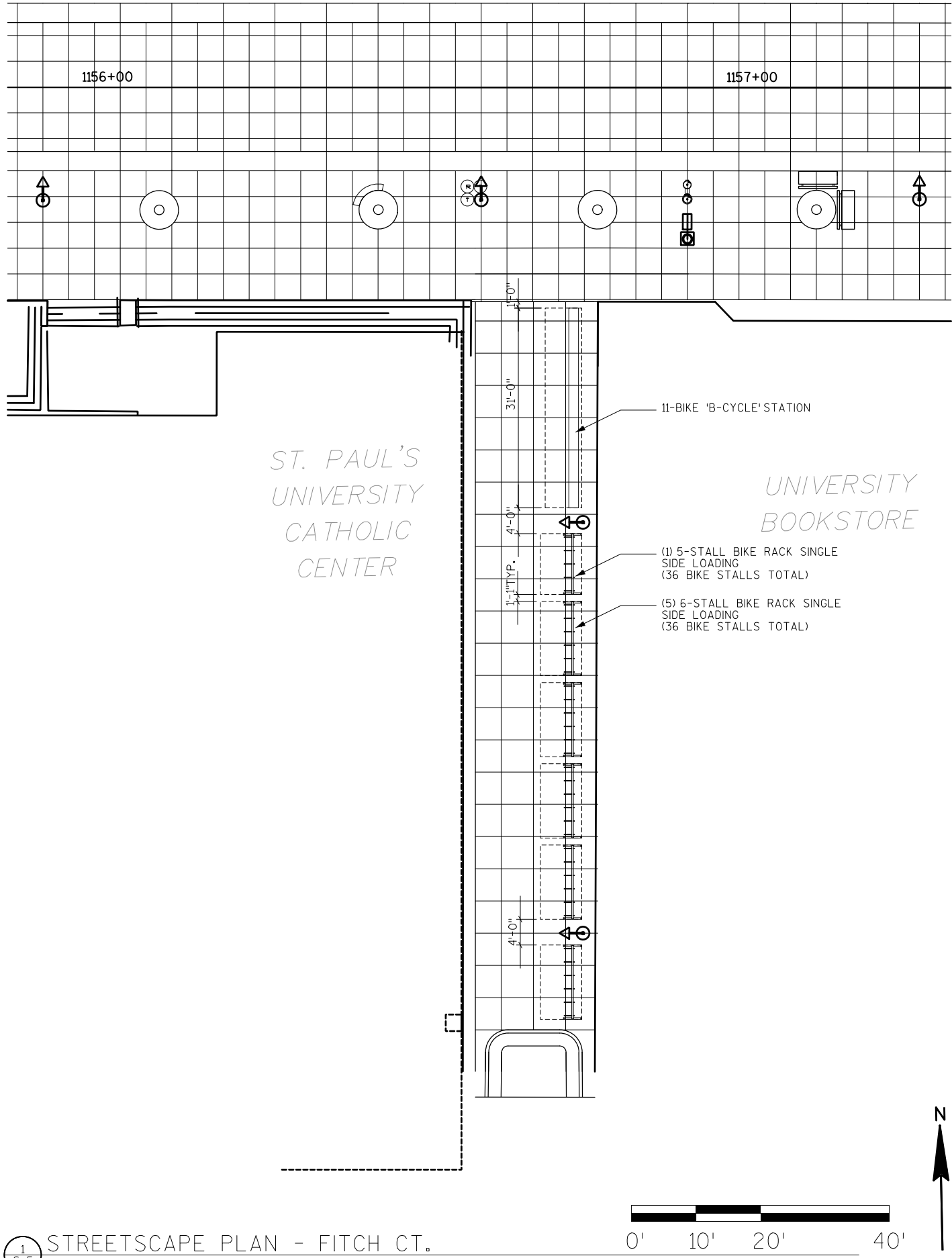
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



1
S-5
STREETSCAPE PLAN - FITCH CT.
1"=20' @ 11X17



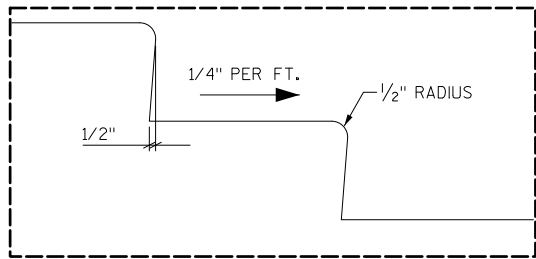
PLOT SCALE: _____

PLOT NAME: _____

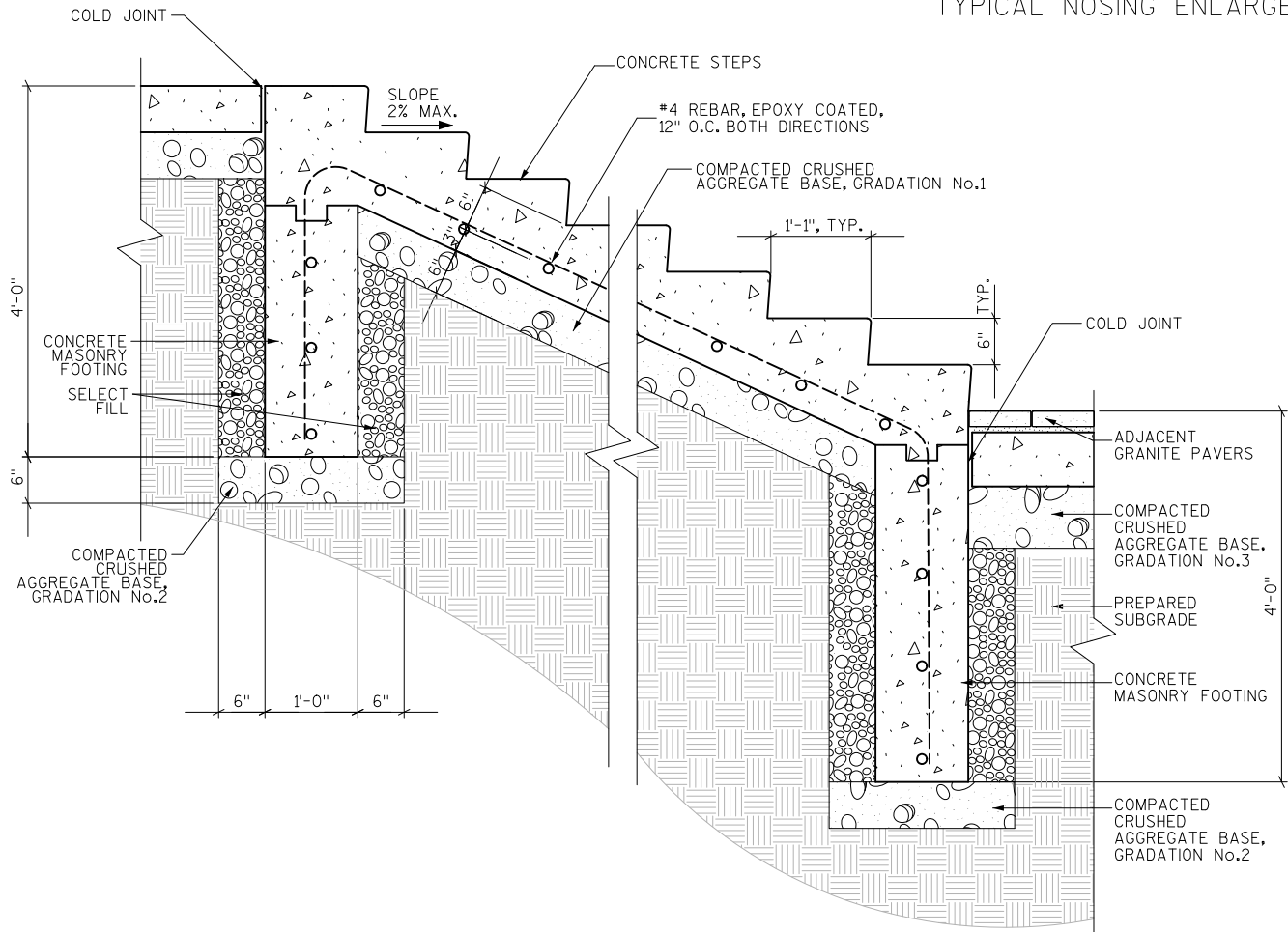
REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

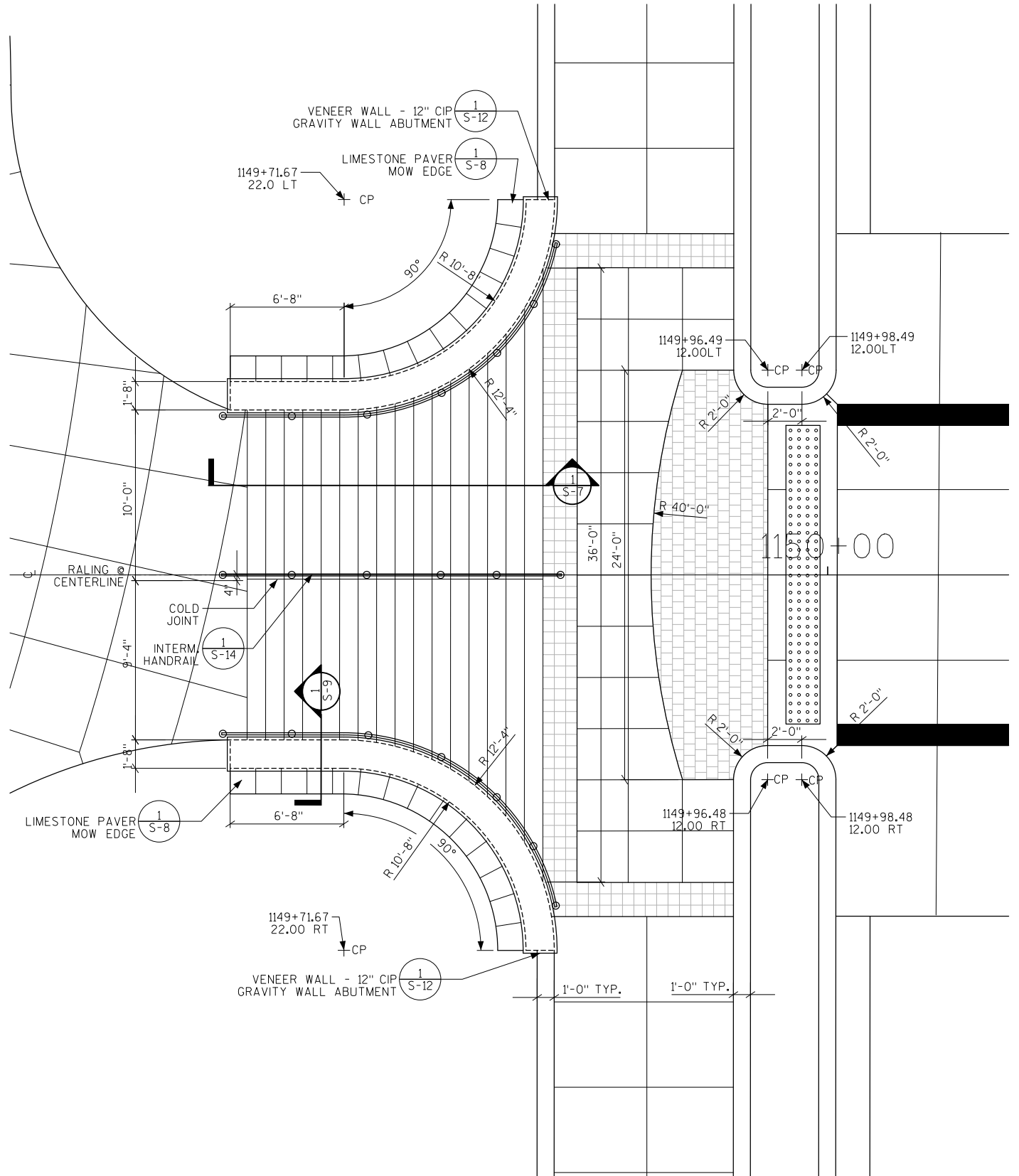
NOTES:
1.) ALL EXPOSED CONCRETE SURFACES SHALL HAVE A UNIFORM RUBBED FINISH. STEP TREADS SHALL RECEIVE A HEAVY BROOM FINISH PERPENDICULAR TO THE PRIMARY TRAFFIC DIRECTION.



TYPICAL NOSING ENLARGEMENT



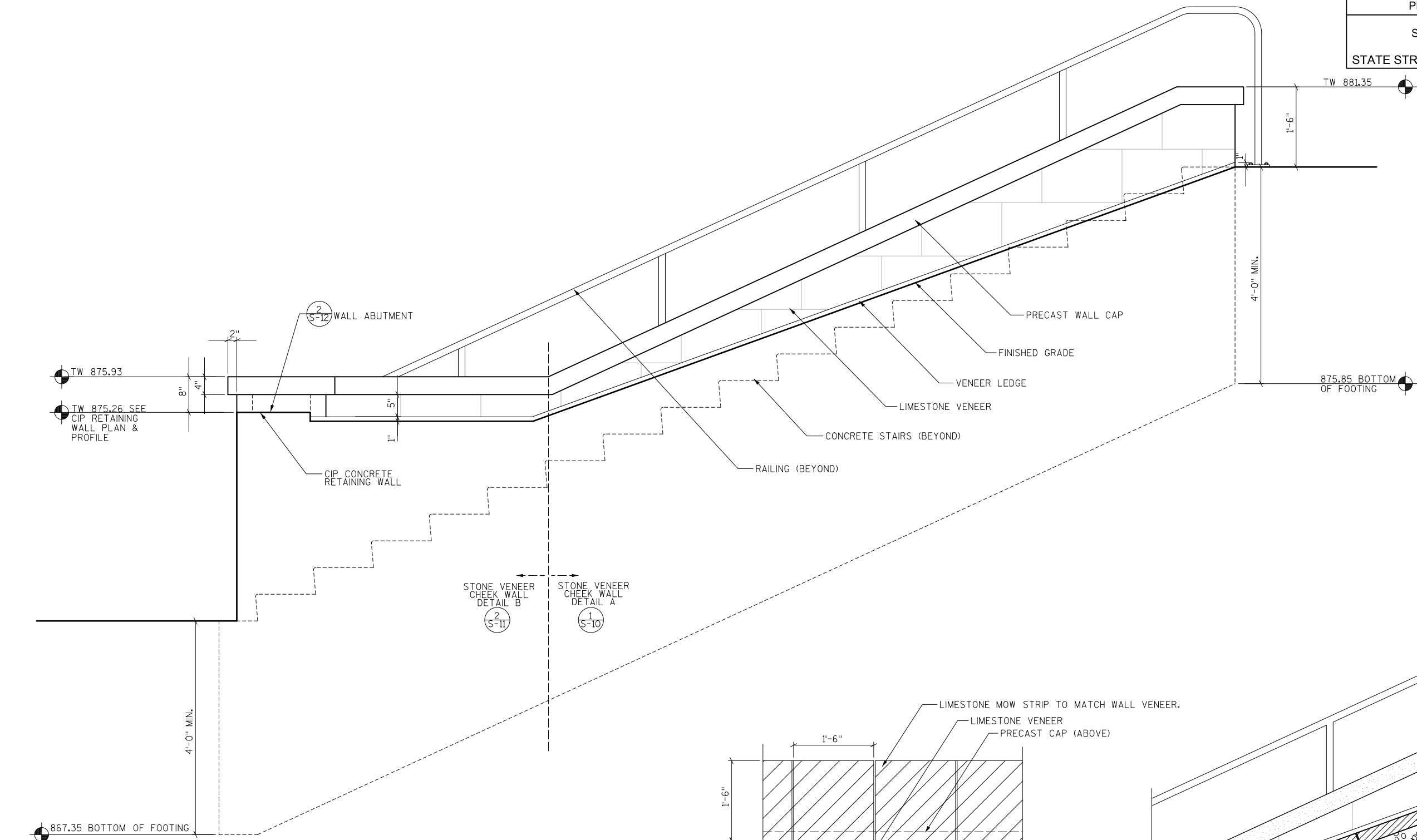
1 EXTERIOR STAIRS
S-6 1/2"=1'-0"



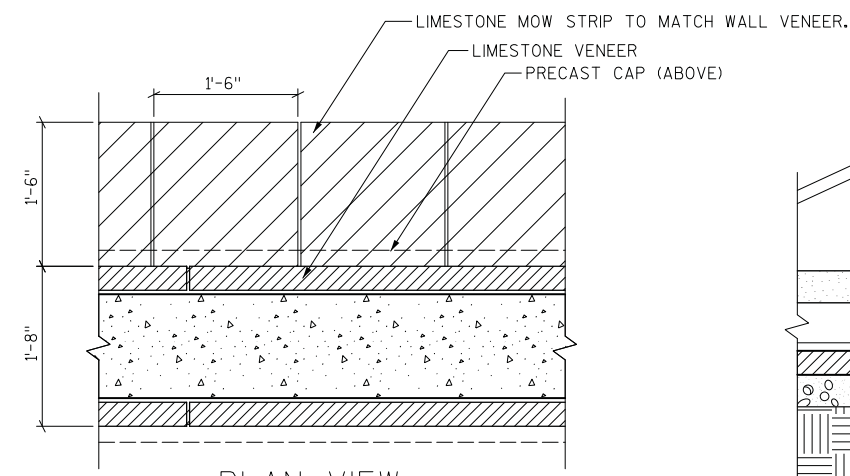
2 BASCOM STEPS LAYOUT ENLARGEMENT
S-6 1/2"=1'-0"

CITY OF MADISON

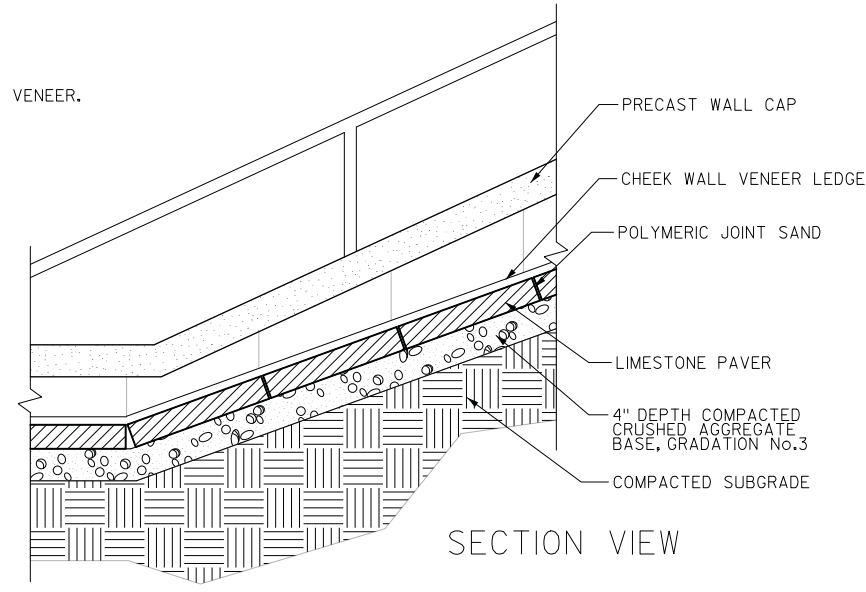




1
S-8
CHEEK WALL OUTSIDE ELEVATION
1/2"=1'-0"



PLAN VIEW



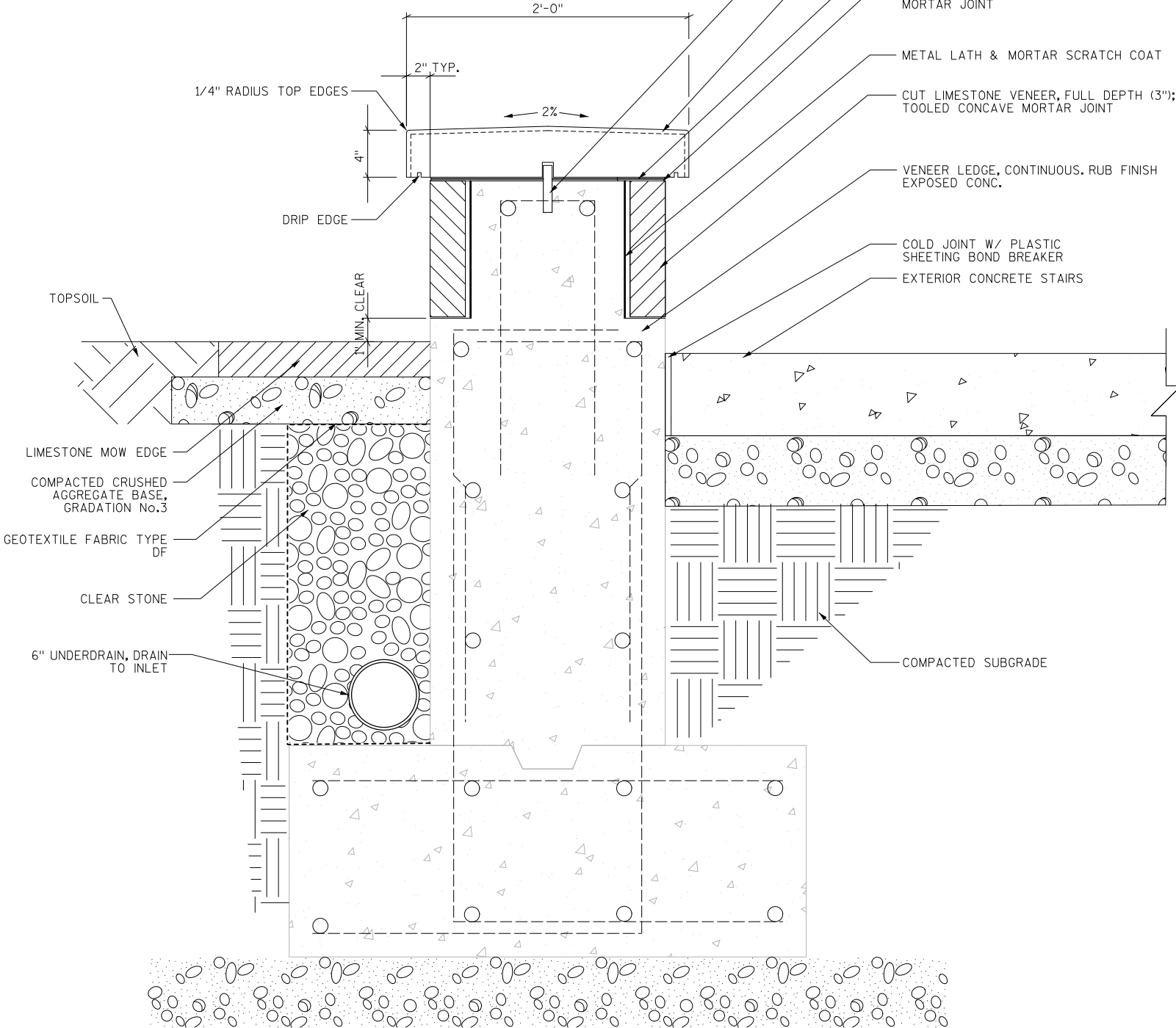
SECTION VIEW

2
S-8
LIMESTONE PAVER MOW EDGE
1/2"=1'-0"

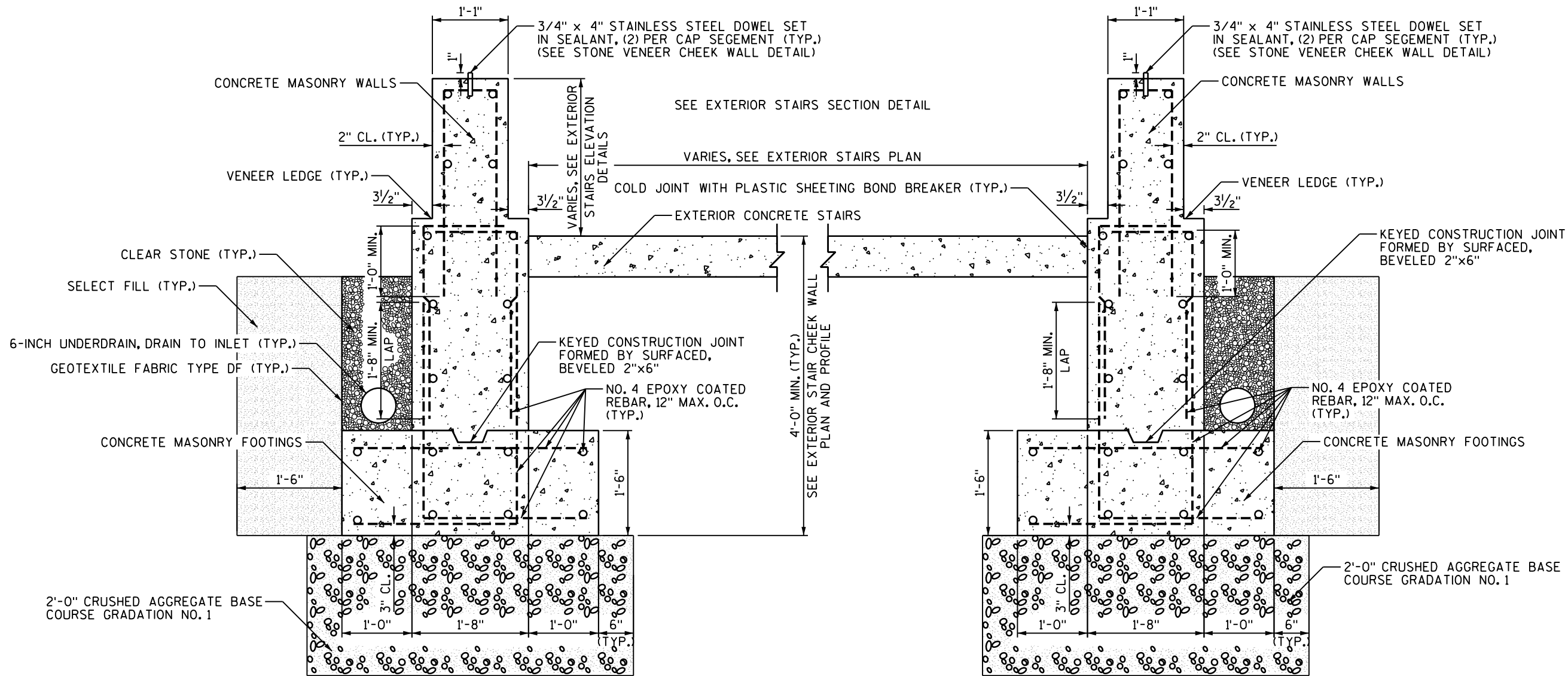
PLOT SCALE: _____
PLOT NAME: _____
REV. DATE: _____
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

CITY OF MADISON

6. FACE OF VENEER SHALL NOT BE RECESSED BEHIND THE FACE OF VENEER LEDGE.



$\frac{1}{S-9}$ STOM
 $1''=1'-0''$



- NOTES:
1. ALL REBAR SHALL MAINTAIN 2" MIN. CLEARANCE FROM EXPOSED EDGES UNLESS OTHERWISE NOTED.
 2. ALL EXPOSED CONCRETE SURFACES SHALL HAVE A RUBBED FINISH AND UNEXPOSED CONCRETE SURFACES SHALL HAVE A ORDINARY FINISH UNLESS OTHERWISE SPECIFIED.

1 STONE VENEER CHEEK WALL DETAIL A
S10 SCALE: NONE

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREET'S DIVISION

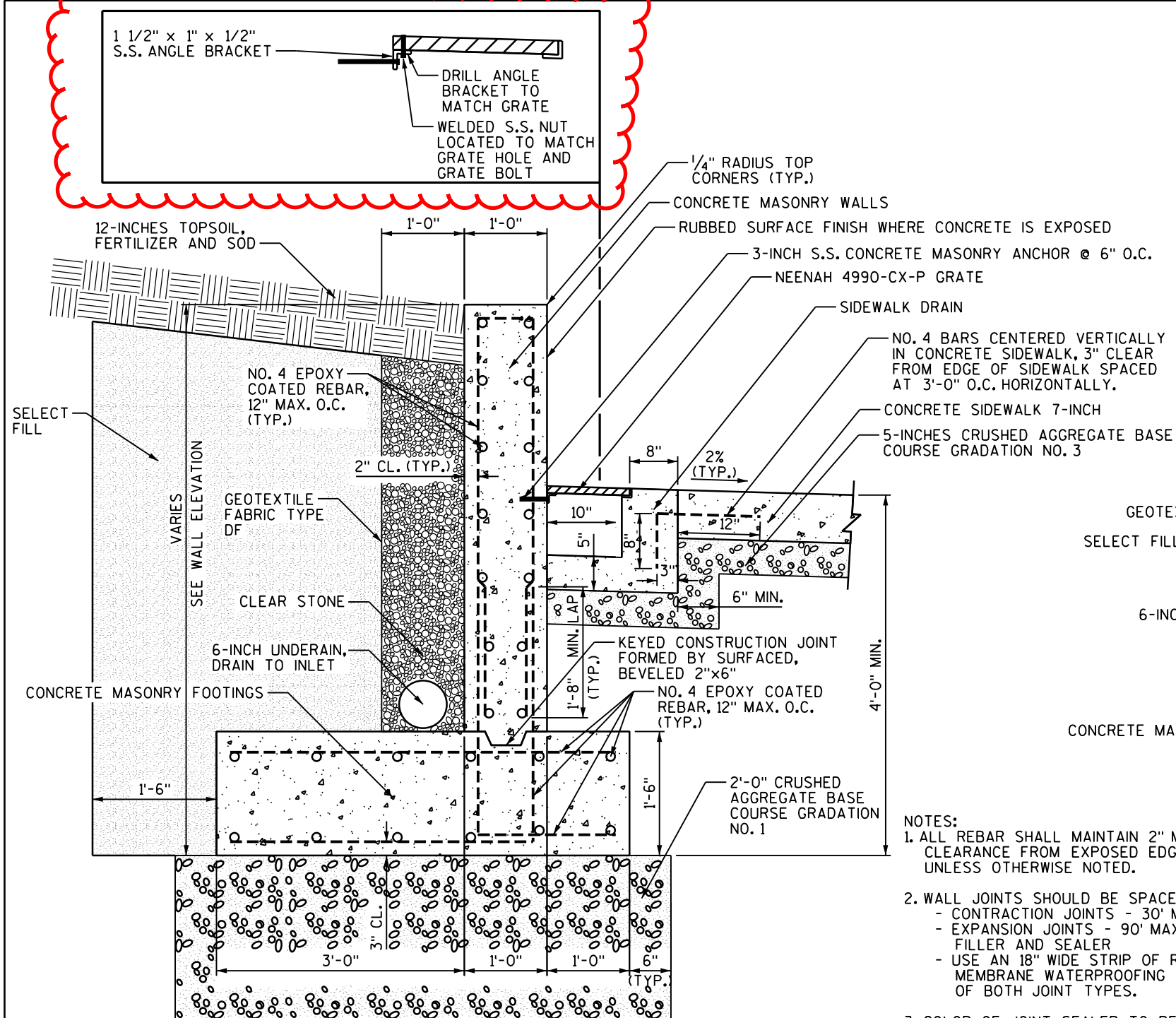
REVISED 3/21/14: Added angle bracket detail for installing angle bracket to CIP concrete wall

PLOT SCALE:

PLOT NAME:

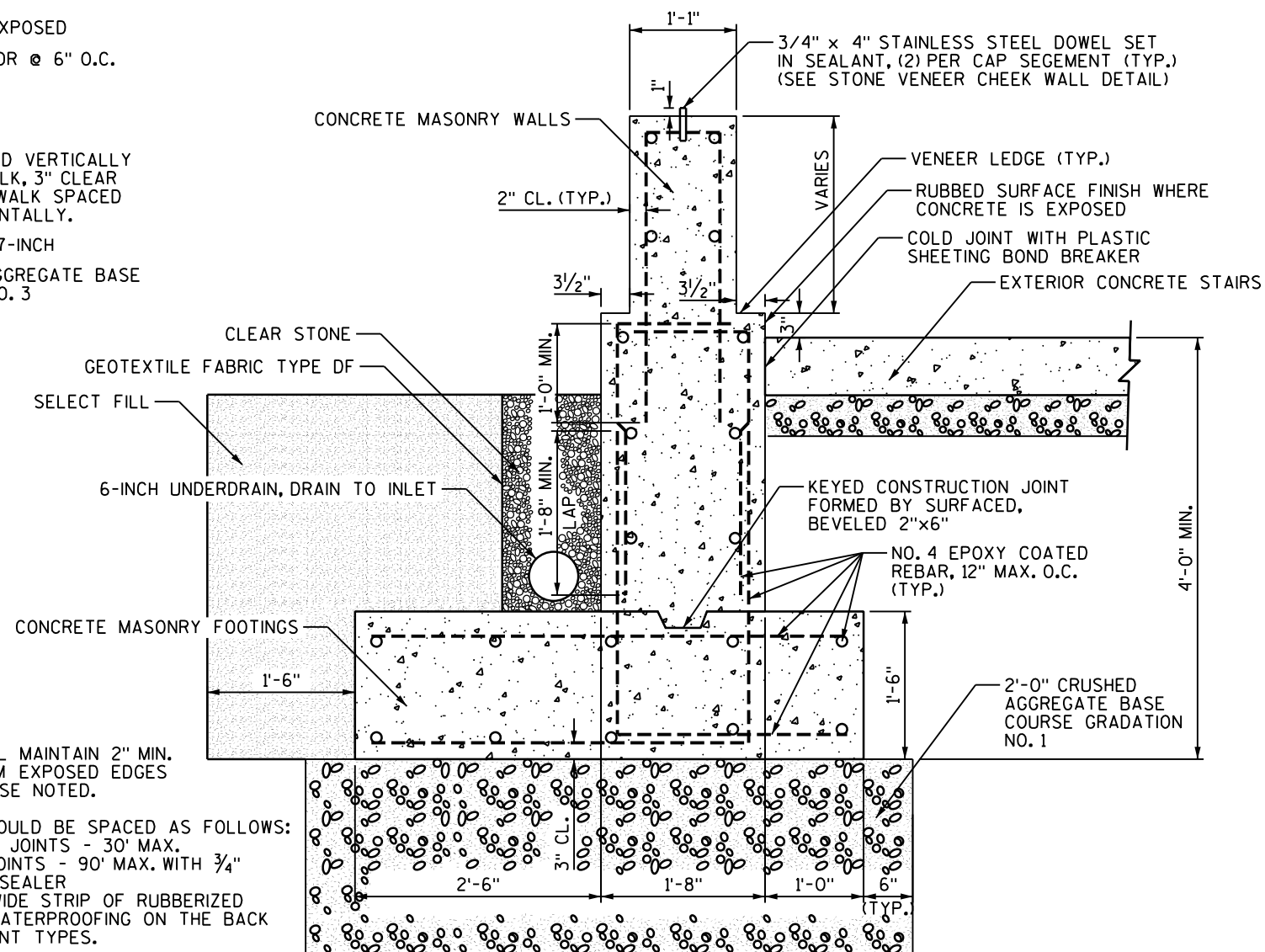
REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

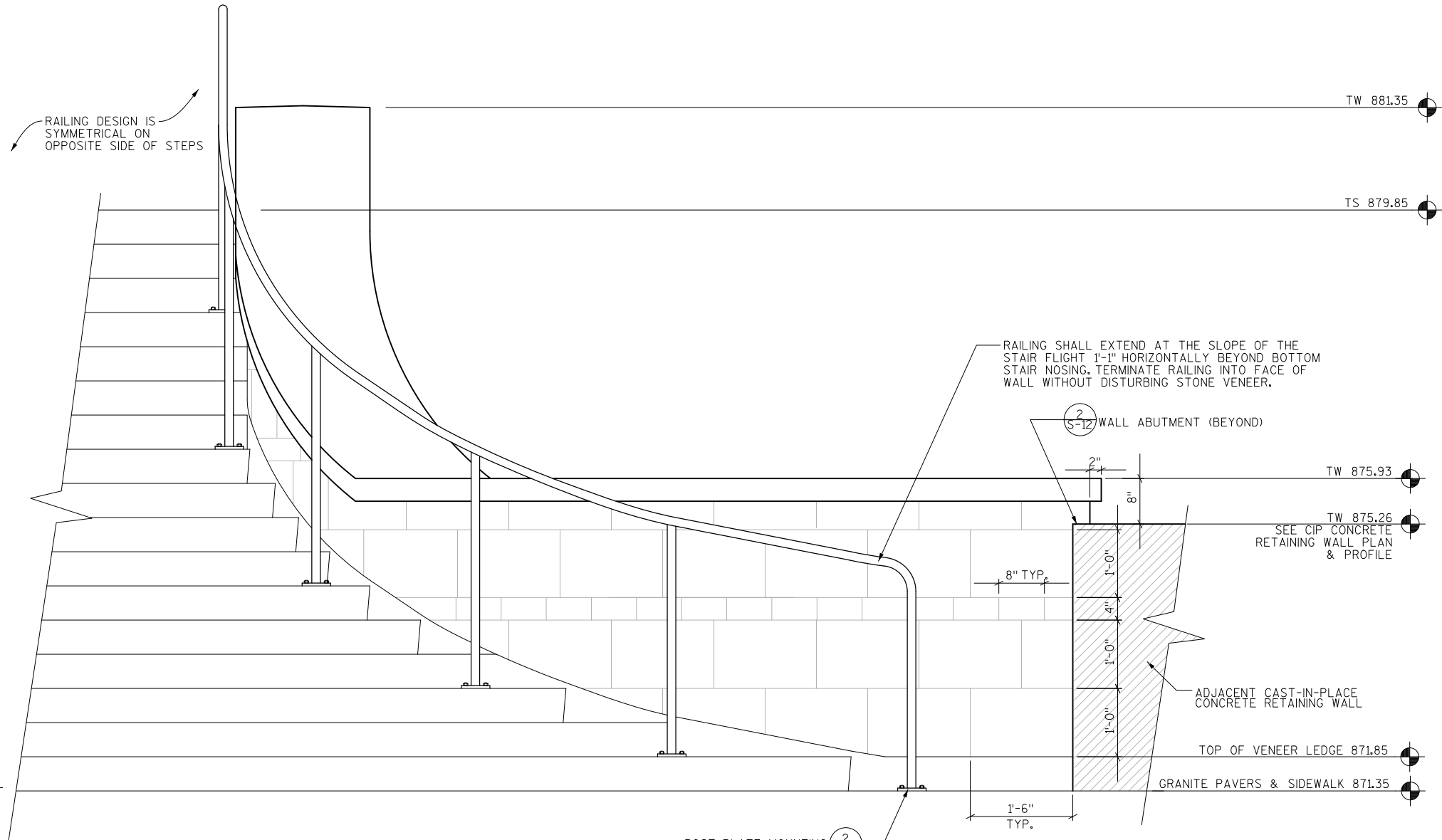


- NOTES:
1. ALL REBAR SHALL MAINTAIN 2" MIN. CLEARANCE FROM EXPOSED EDGES UNLESS OTHERWISE NOTED.
 2. WALL JOINTS SHOULD BE SPACED AS FOLLOWS:
 - CONTRACTION JOINTS - 30' MAX.
 - EXPANSION JOINTS - 90' MAX. WITH $\frac{3}{4}$ " FILLER AND SEALER
 - USE AN 18" WIDE STRIP OF RUBBERIZED MEMBRANE WATERPROOFING ON THE BACK OF BOTH JOINT TYPES.
 3. COLOR OF JOINT SEALER TO BE VERIFIED BY ENGINEER.
 4. ALL EXPOSED CONCRETE SURFACES SHALL HAVE A RUBBED FINISH AND UNEXPOSED CONCRETE SURFACES SHALL HAVE A ORDINARY FINISH UNLESS OTHERWISE SPECIFIED.

1
SII CAST-IN-PLACE CONCRETE RETAINING WALL @ BASCOM MALL
SCALE: NONE

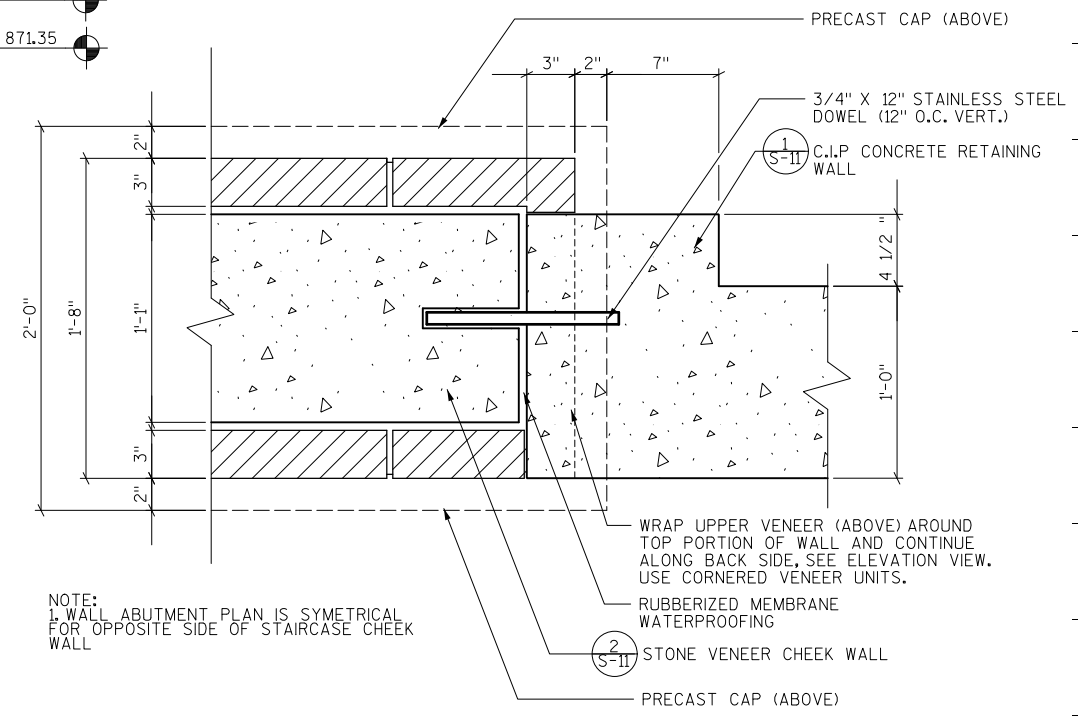


2 STONE VENEER CHEEK WALL DETAIL B
S11 SCALE: NONE



1
S-12
1/2"=1'-0"

CHEEK WALL & EXTERIOR STAIR ELEVATION



PLAN VIEW

2
S-12
1"=1'-0"

VENEER WALL - 12" CIP GRAVITY WALL ABUTMENT

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

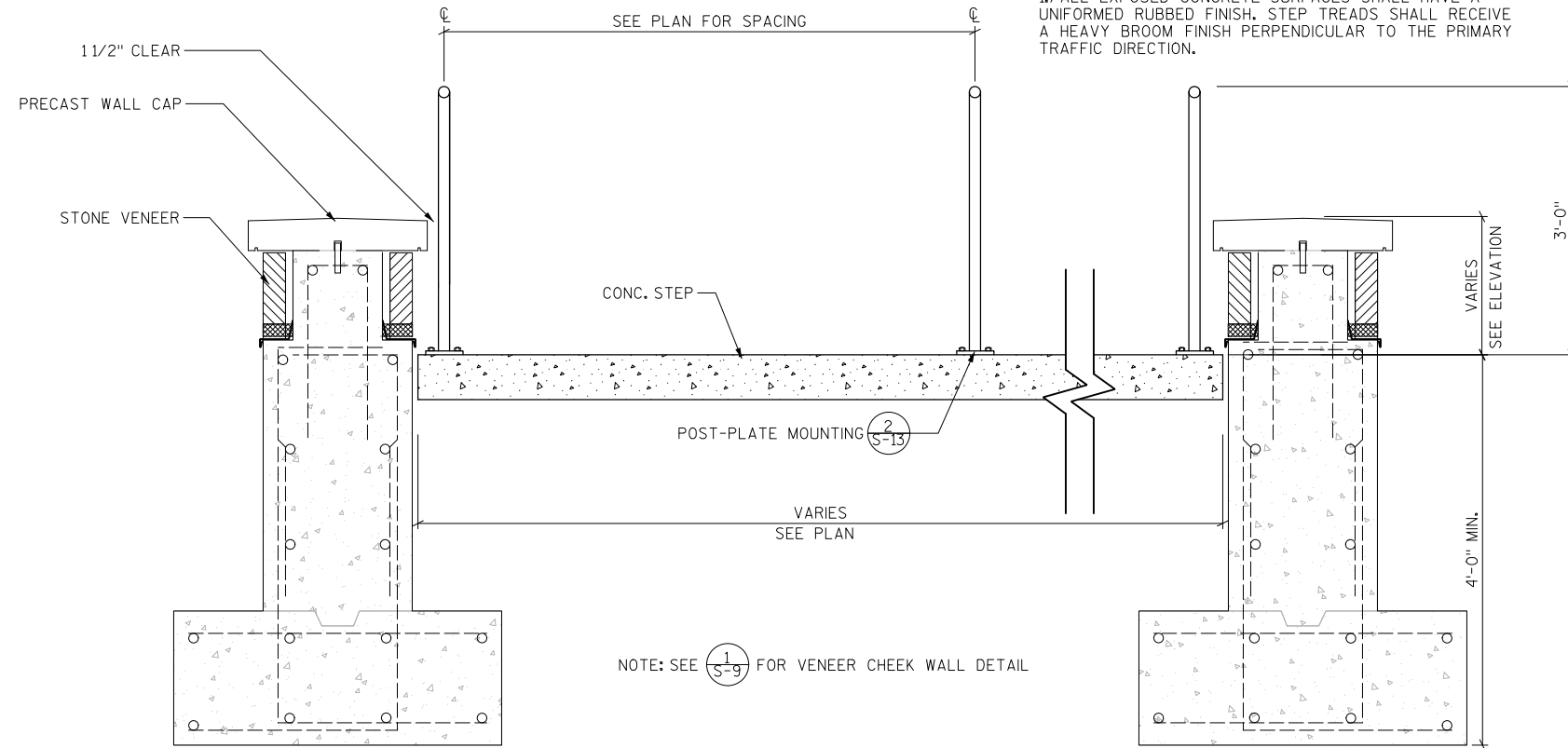
PLOT SCALE: _____

PLOT NAME: _____

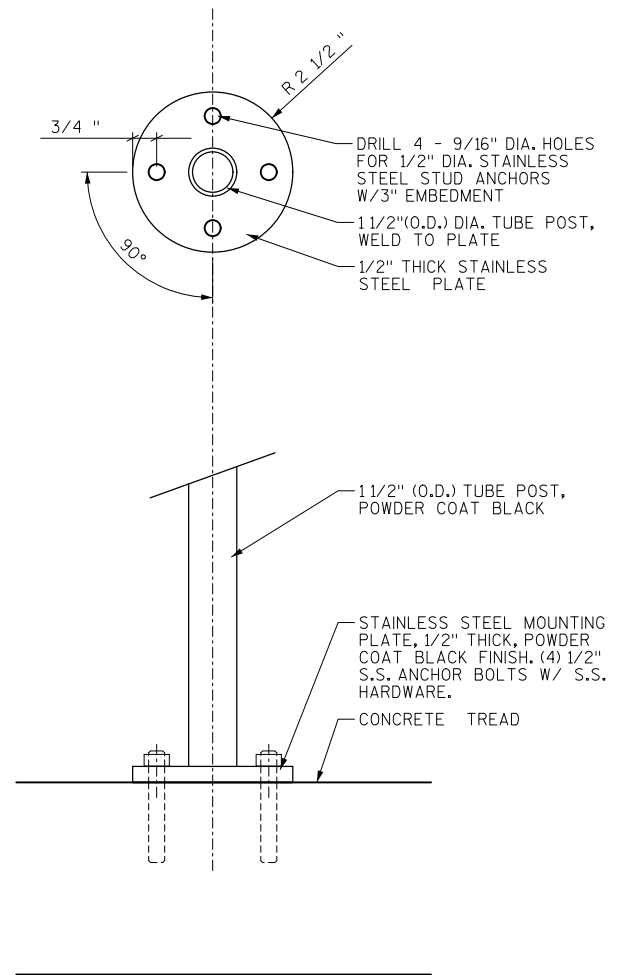
REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

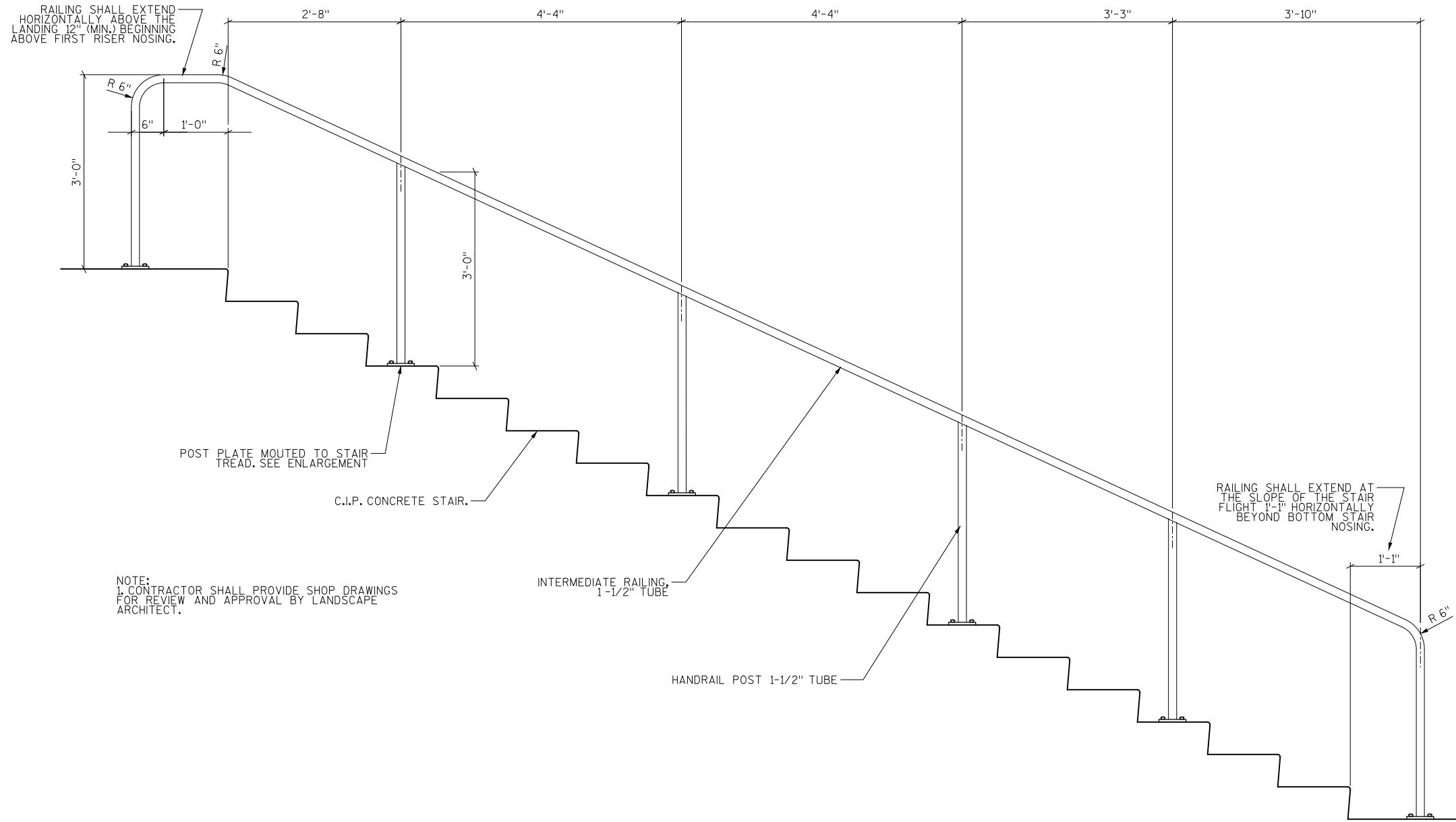
STATE STREET 700 / 800 BLOCKS PROJECT NO. 53W1193	SHEET NO. S13
STREETSCAPE & WALL DETAILS	
STATE STREET	CITY OF MADISON



(S-13) EXTERIOR STAIRS SECTION
1/2"=1'-0"



(S-13) HANDRAIL POST-PLATE MOUNTING
1"=1'-0"



1
S-14
1/2"=1'-0"

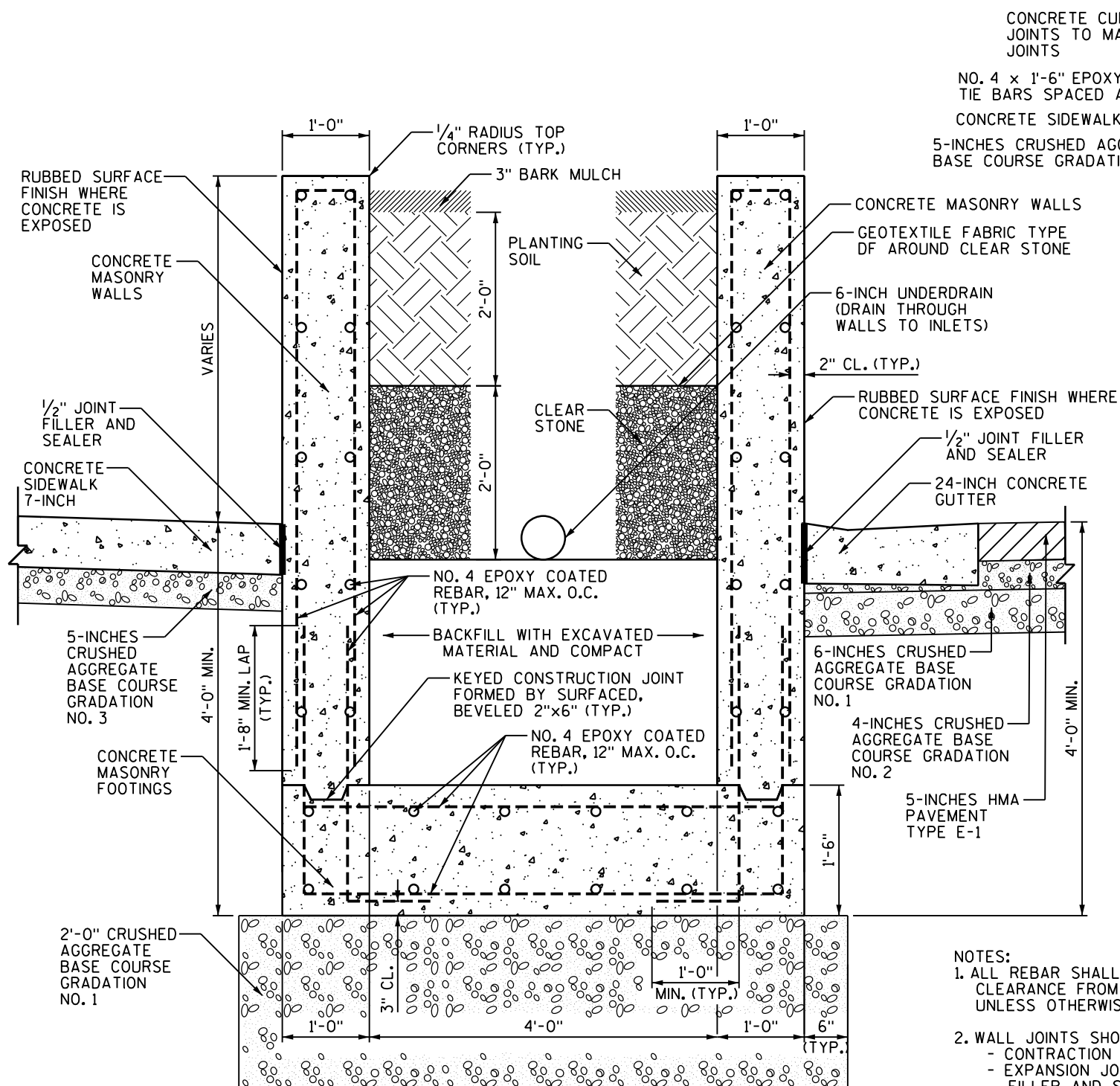
INTERMEDIATE HANDRAIL ELEVATION

PLOT SCALE: _____

PLOT NAME: _____

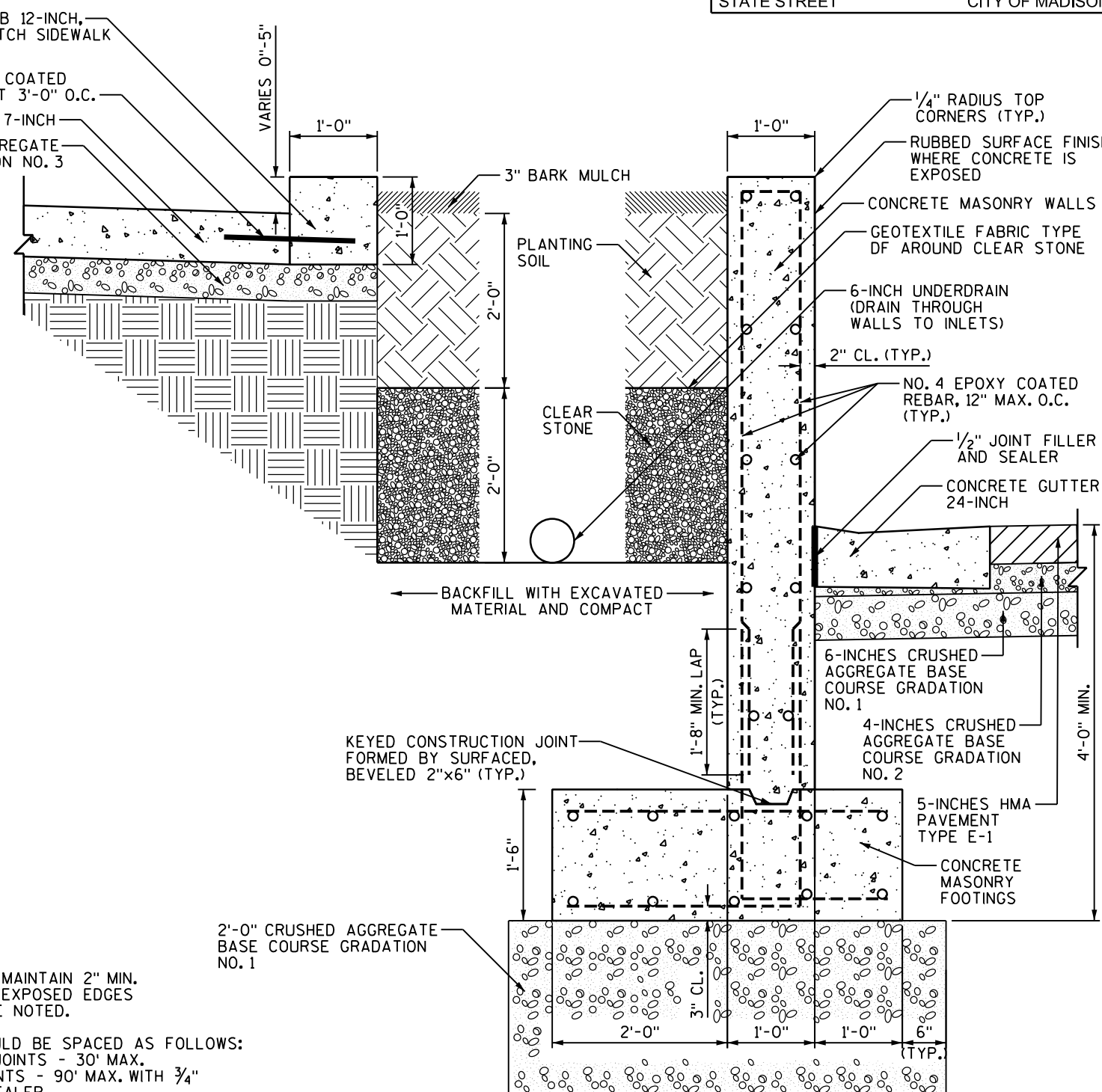
REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



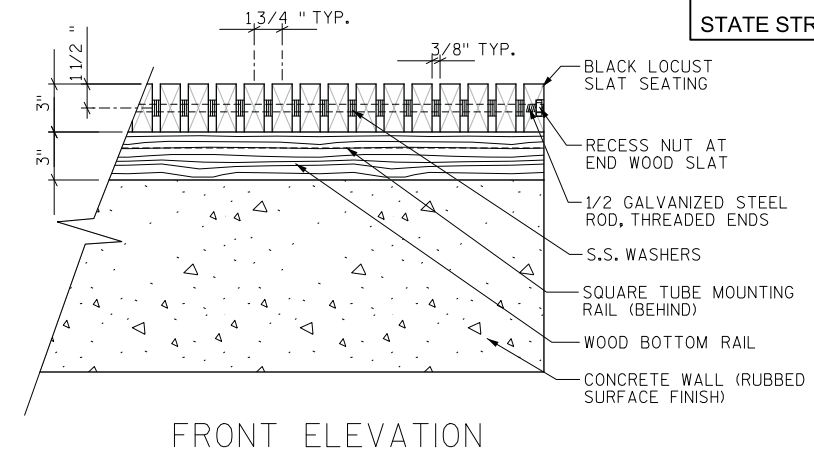
1 CAST-IN-PLACE CONCRETE PLANTER WALL ©
S15 SCALE: NONE
PARK STREET DETAIL A

- NOTES:
1. ALL REBAR SHALL MAINTAIN 2" MIN. CLEARANCE FROM EXPOSED EDGES UNLESS OTHERWISE NOTED.
 2. WALL JOINTS SHOULD BE SPACED AS FOLLOWS:
 - CONTRACTION JOINTS - 30' MAX.
 - EXPANSION JOINTS - 90' MAX. WITH $\frac{3}{4}$ " FILLER AND SEALER
 - USE AN 18" WIDE STRIP OF RUBBERIZED MEMBRANE WATERPROOFING ON THE BACK OF BOTH JOINT TYPES.
 3. COLOR OF JOINT SEALER TO BE VERIFIED BY ENGINEER.
 4. ALL EXPOSED CONCRETE SURFACES SHALL HAVE A RUBBED FINISH AND UNEXPOSED CONCRETE SURFACES SHALL HAVE A ORDINARY FINISH UNLESS OTHERWISE SPECIFIED.



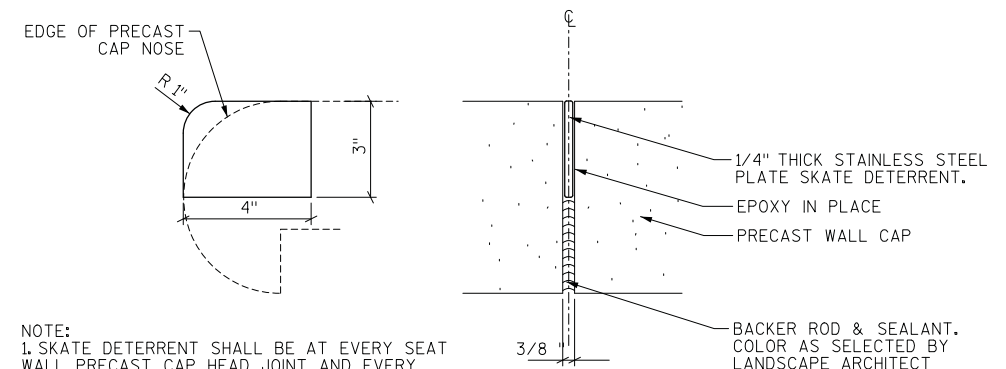
2 CAST-IN-PLACE CONCRETE PLANTER WALL @
S15 SCALE: NONE PARK STREET DETAIL B

CITY OF MADISON



FRONT ELEVATION

1 SEAT WALL WITH WOOD SURFACE
S-16 1"=1'-0"



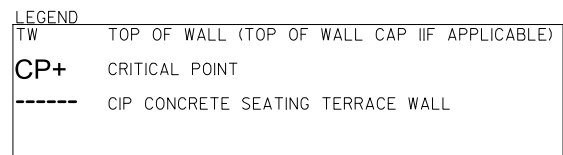
NOTE:
1. SKATE DETERRENT SHALL BE AT EVERY SEAT
WALL PRECAST CAP HEAD JOINT AND EVERY
LOWER TERRACE SEATING PRECAST HEAD JOINT
(APPROX. 3'-0" O.C.)

2. ROUND-OFF EXPOSED EDGES

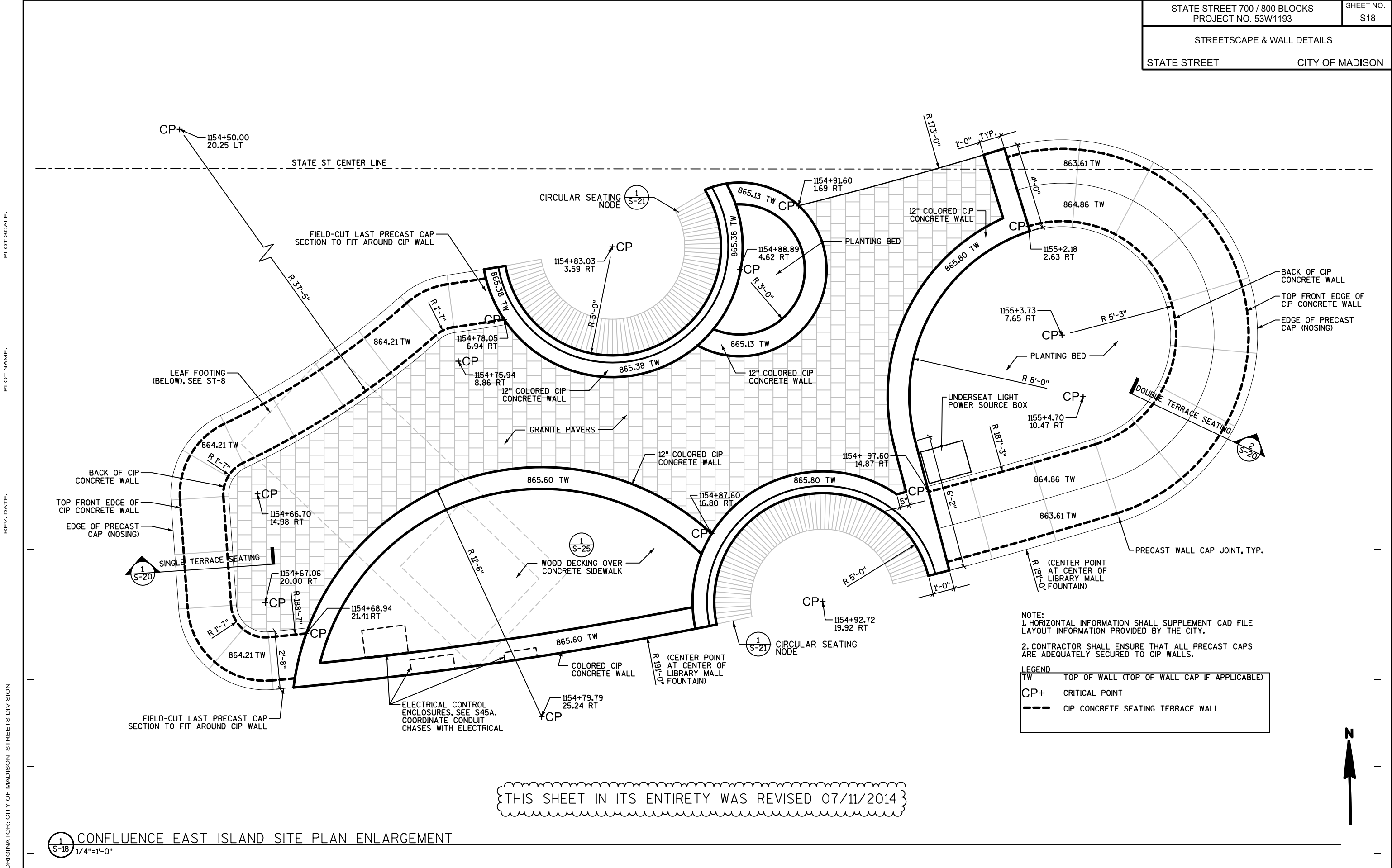
3. CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR REVIEW & APPROVAL

2 SEAT WALL WITH PRECAST CAP
S-16 1"=1'-0"

3 SKATE DETERRENT @ PRECAST CAP JOINT
S-16 2"=1'-0"



1

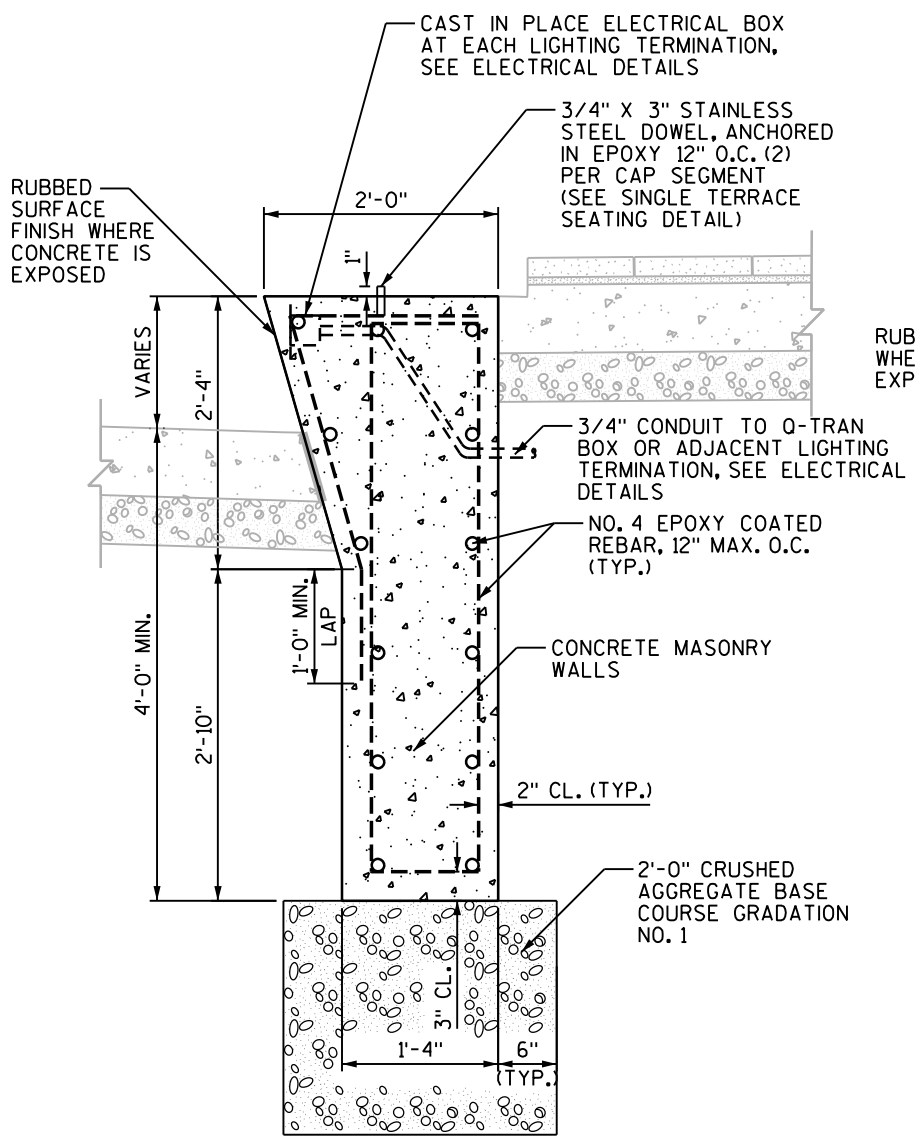


Revised 3/21/14 - Removed Clear Stone
and Planter Mix

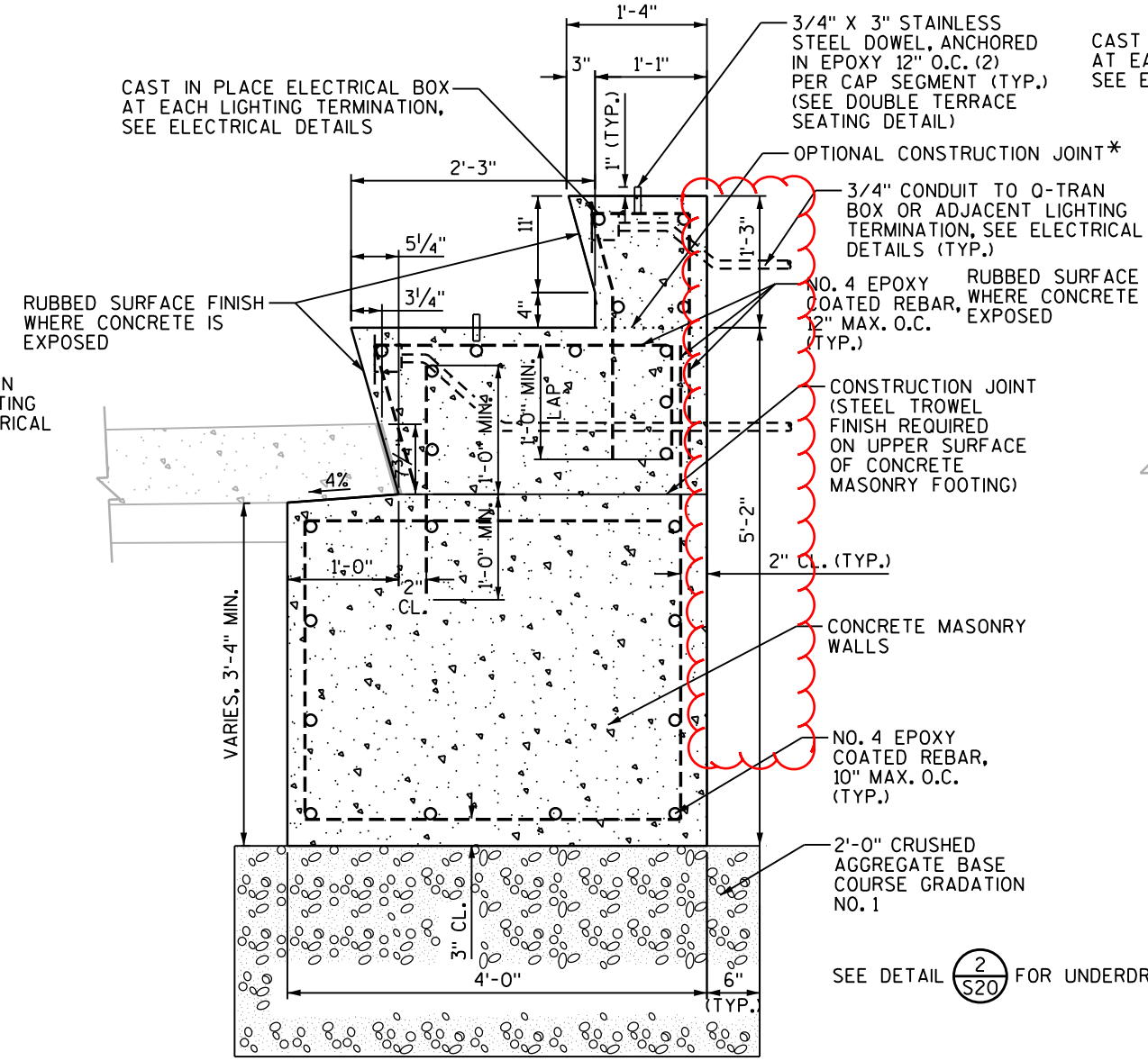
- NOTES:
1. ALL REBAR SHALL MAINTAIN 2" MIN. CLEARANCE FROM EXPOSED EDGES UNLESS OTHERWISE NOTED.
 2. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR PRECAST WALL CAPS.
 3. PROVIDE SLEEVES FOR IRRIGATION AND ELECTRICAL ITEMS AS SHOWN ON THE PARKS WATERING AND ELECTRICAL PLAN SHEETS.
 4. UNEXPOSED CONCRETE SURFACES SHALL HAVE ORDINARY FINISH UNLESS OTHERWISE SPECIFIED.

FORM FOOTING FOR DOUBLE TERRACE SEAT WALL AROUND EXISTING ELECTRICAL VAULTS AT LIBRARY MALL LAWN. ADJUST POSITION OF EPOXY COATED BAR STEEL REINFORCEMENT AROUND ELECTRICAL VAULTS TO PROVIDE 2" MINIMUM CLEARANCE. IF REINFORCEMENT IS CUT OR DAMAGED, COAT CUT OR DAMAGED SURFACES WITH EPOXY IN ACCORDANCE WITH SUBSECTION 505.2.4.2 OF THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION OF THE STATE OF WISCONSIN, DEPARTMENT OF TRANSPORTATION.

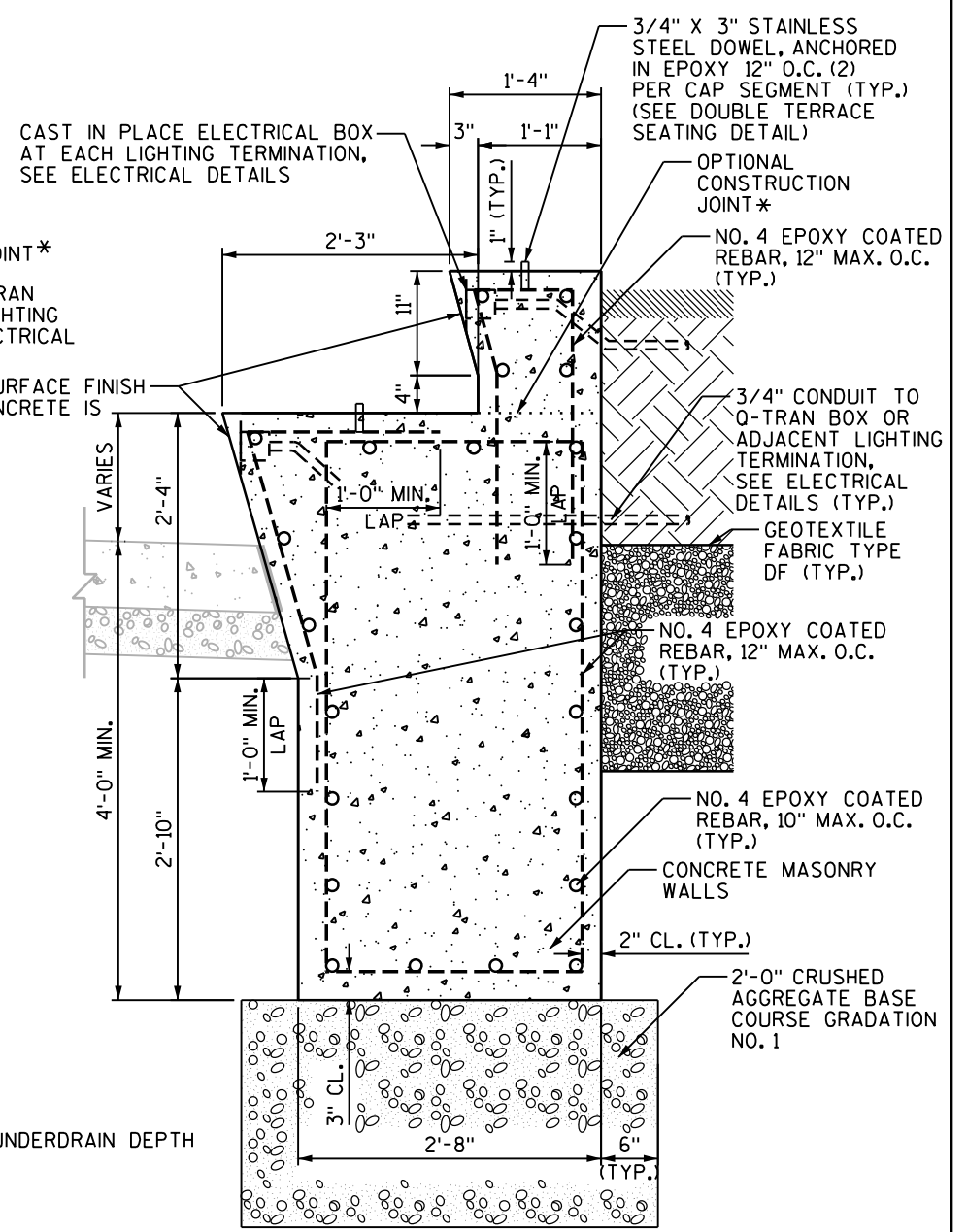
PLOT SCALE:
PLOT NAME:
REV. DATE:
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



1 SINGLE TERRACE SEATING WALL DETAIL
S19 SCALE: NONE



2 DOUBLE TERRACE SEAT WALL WITH
STRUCTURAL SLAB SUPPORT DETAIL
S19 SCALE: NONE



3 DOUBLE TERRACE SEATING WALL DETAIL
S19 SCALE: NONE

* LEAVE UPPER SURFACE OF FIRST POUR ROUGH (BROOM FINISH). DO NOT APPLY LIQUID CURING COMPOUND TO CONSTRUCTION JOINT AREA. CURING WITH IMPERVIOUS SHEETING REQUIRED.

SEE DETAIL 2 FOR UNDERDRAIN DEPTH

NOTE:
1. SEE WALL DETAIL FOR WALL DIMENSIONS
& REINFORCING

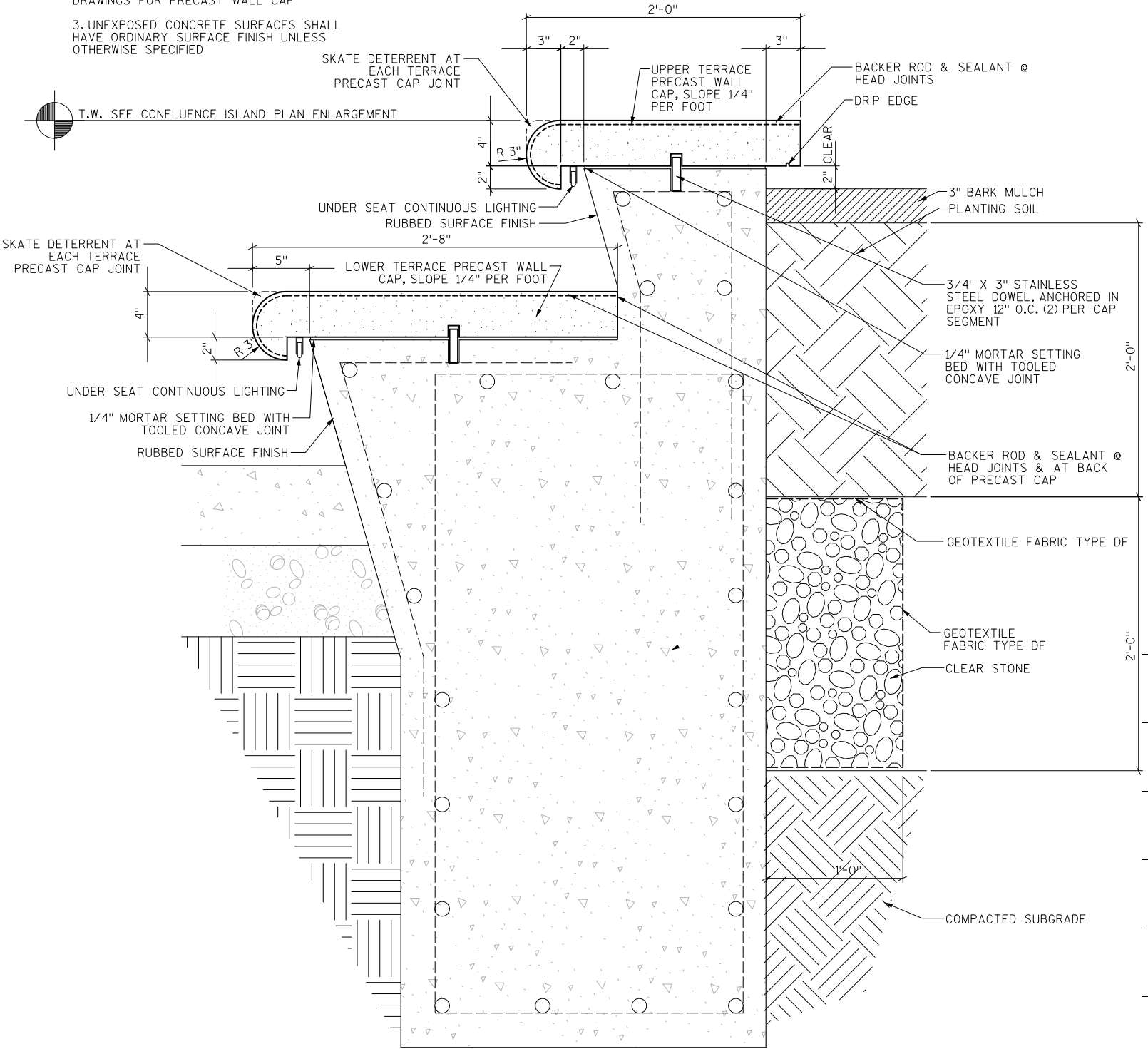
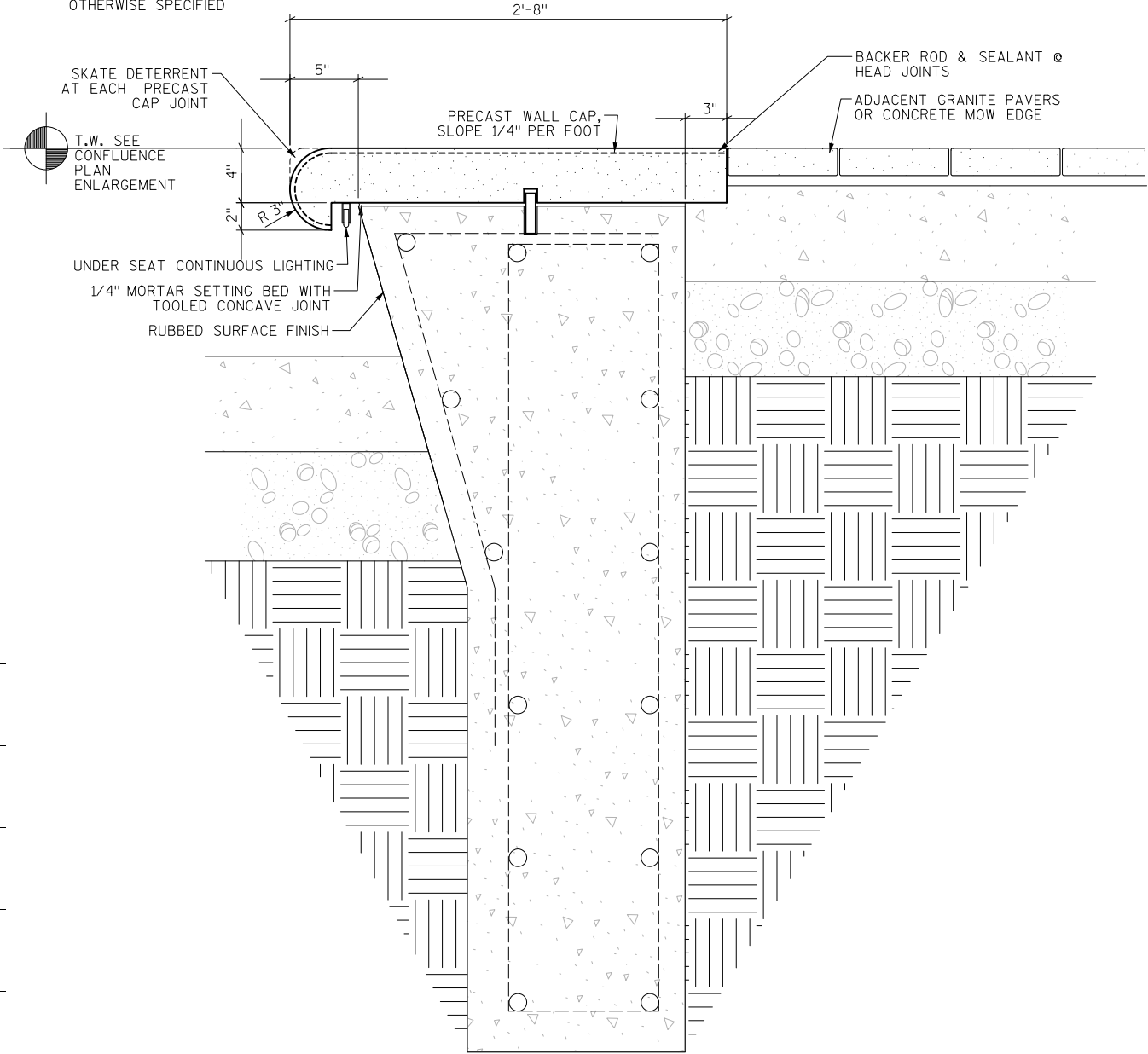
2. CONTRACTOR SHALL SUBMIT SHOP
DRAWINGS FOR PRECAST WALL CAP

3. UNEXPOSED CONCRETE SURFACES SHALL
HAVE ORDINARY SURFACE FINISH UNLESS
OTHERWISE SPECIFIED

NOTE:
1. SEE WALL DETAIL FOR WALL DIMENSIONS
& REINFORCING

2. CONTRACTOR SHALL SUBMIT SHOP
DRAWINGS FOR PRECAST WALL CAP

3. UNEXPOSED CONCRETE SURFACES SHALL
HAVE ORDINARY SURFACE FINISH UNLESS
OTHERWISE SPECIFIED



1 SINGLE TERRACE SEATING
1"=1'-0"

2 DOUBLE TERRACE SEATING
1"=1'-0"

PLOT SCALE: _____

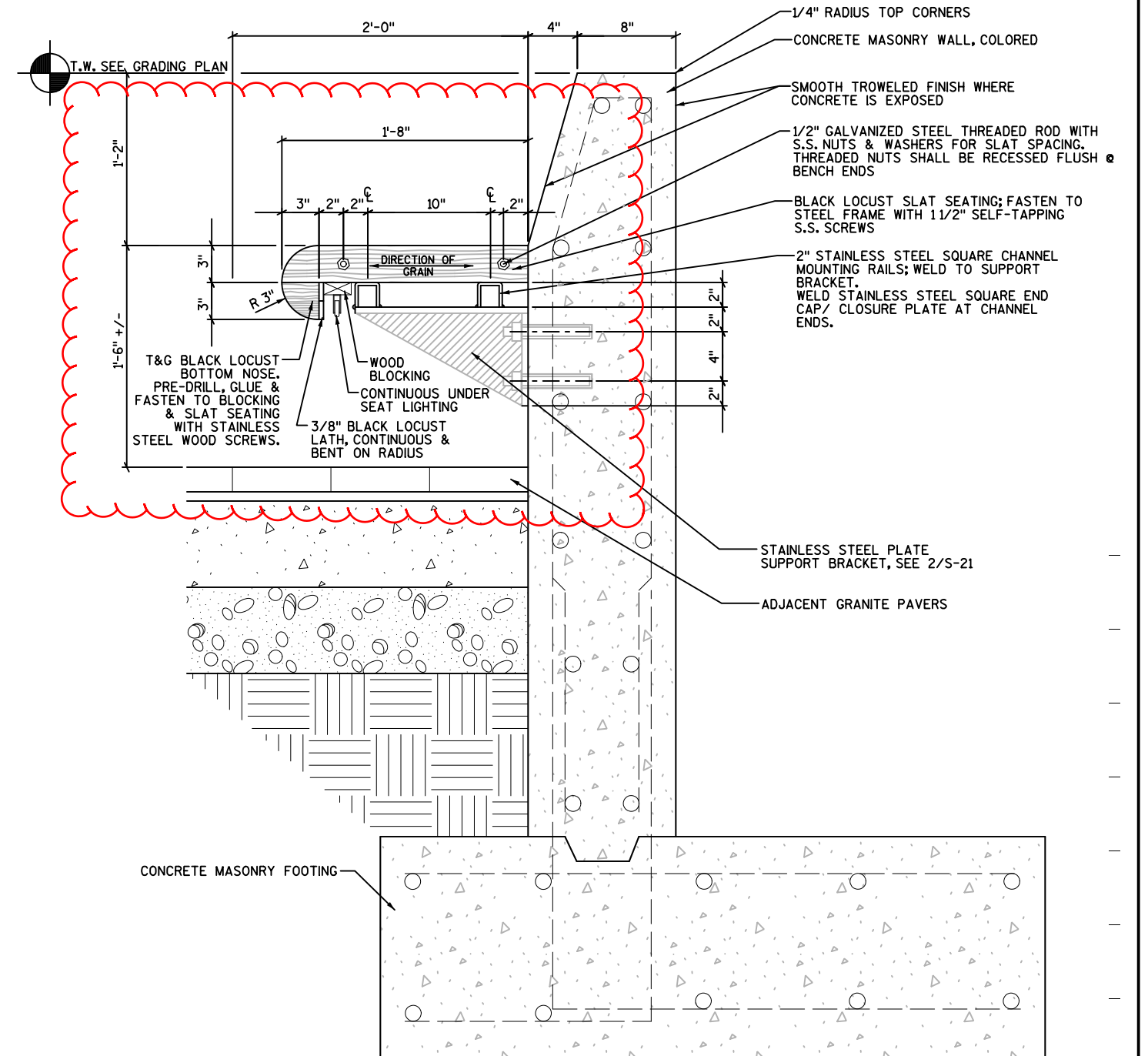
PLOT NAME: _____

REV. DATE: _____

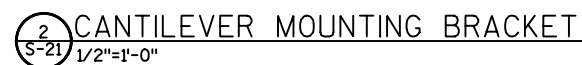
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

NOTES:

1. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS FOR APPROVAL OF ALL METAL BRACKET ASSEMBLIES
2. GRIND SMOOTH ALL EXPOSED EDGES OF METAL FRAME AND BRACKET COMPONENTS
3. UNEXPOSED CONCRETE SURFACES SHALL HAVE ORDINARY SURFACE FINISH UNLESS OTHERWISE SPECIFIED



NOTES:
1. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS FOR APPROVAL
2. GRIND SMOOTH ALL EXPOSED BRACKET EDGES



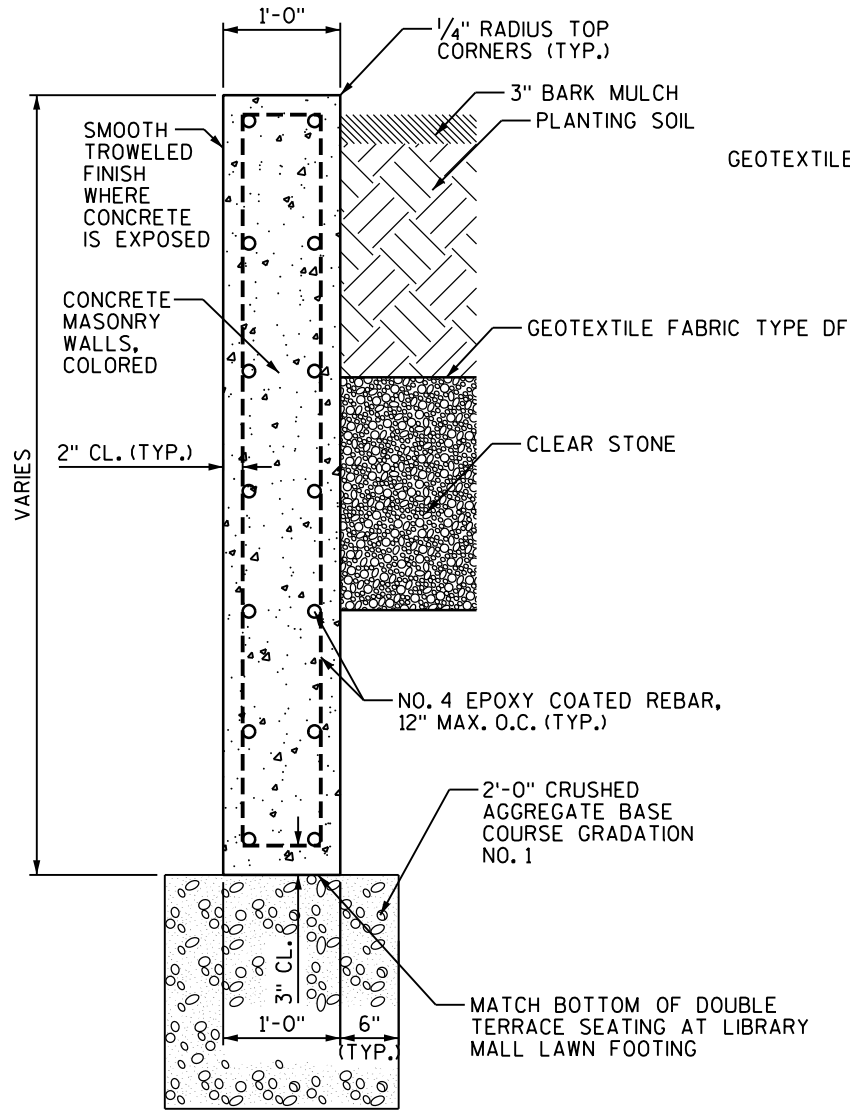
3 5-21 CAST-IN-PLACE CONCRETE WALL WITH CANTILEVER SEATING 1"=1'-0"

- NOTES:
1. ALL REBAR SHALL MAINTAIN 2" MIN. CLEARANCE FROM EXPOSED EDGES UNLESS OTHERWISE NOTED.
 2. PROVIDE SLEEVES FOR IRRIGATION AND ELECTRICAL ITEMS AS SHOWN ON THE PARKS WATERING AND ELECTRICAL PLAN SHEETS.
 3. ALL EXPOSED CONCRETE SURFACES SHALL HAVE A SMOOTH TROWELED FINISH AND UNEXPOSED CONCRETE SURFACES SHALL HAVE A ORDINARY SURFACE FINISH UNLESS OTHERWISE NOTES.

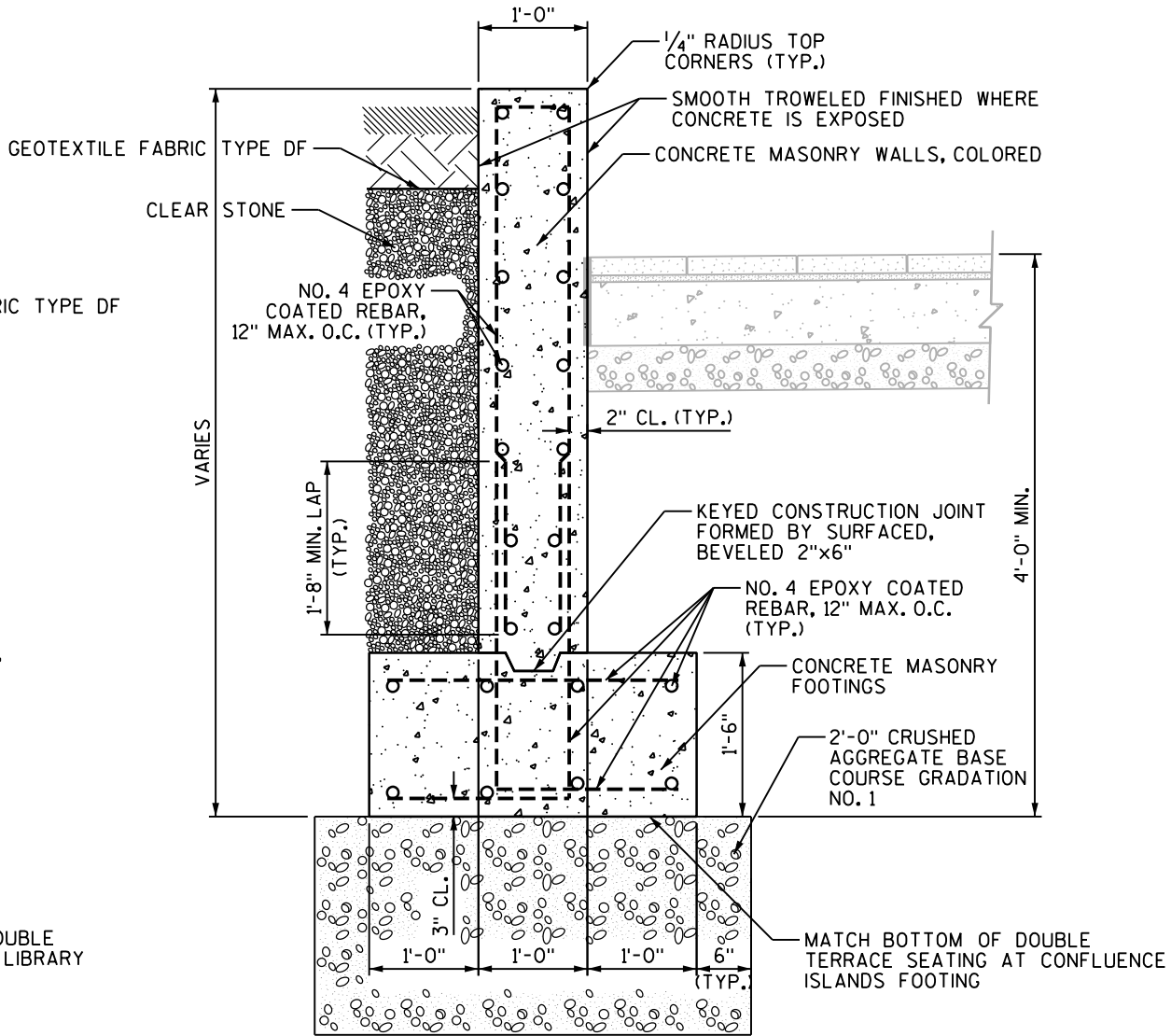
PLOT SCALE:

PLOT NAME:

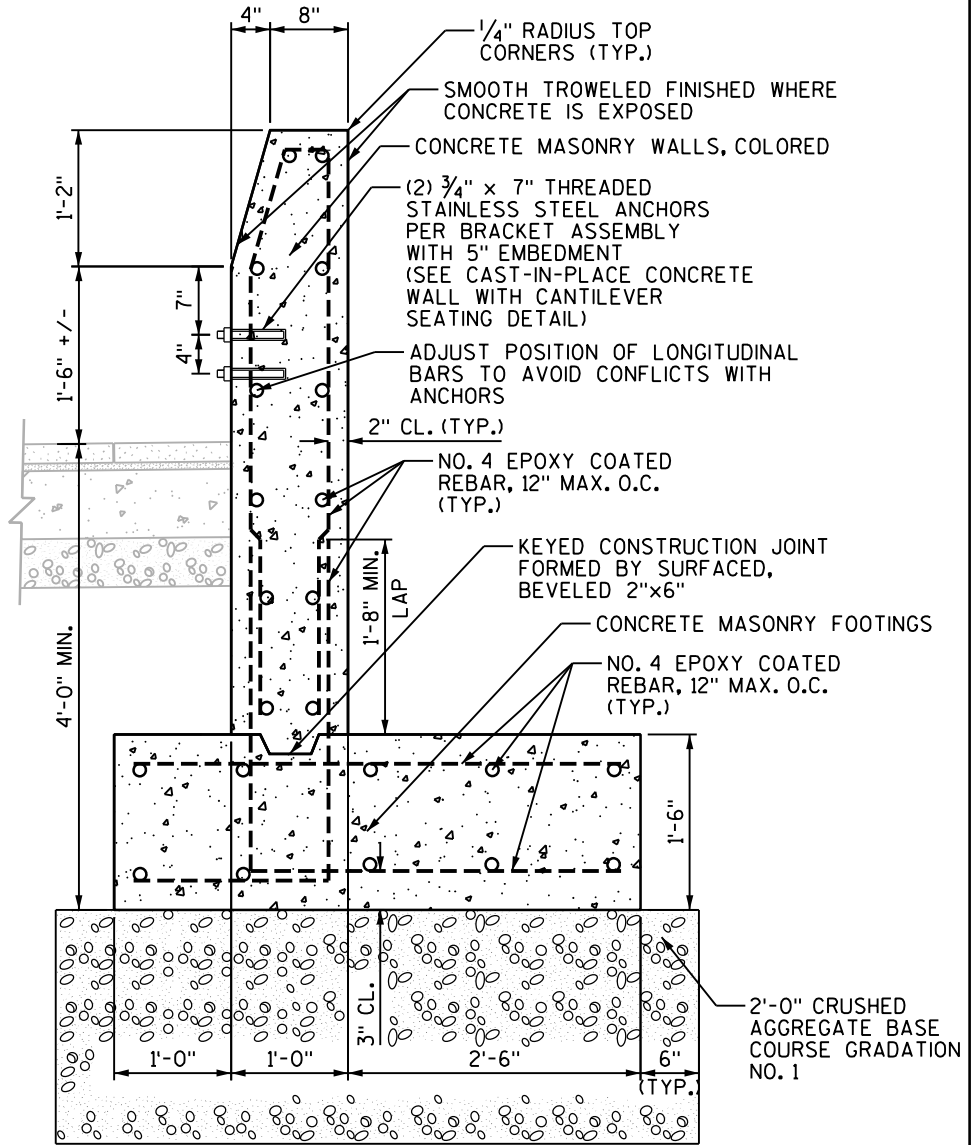
REV. DATE:



1 CAST-IN-PLACE CONCRETE PLANTER
S22 WALL DETAIL @ LIBRARY MALL
SCALE: NONE

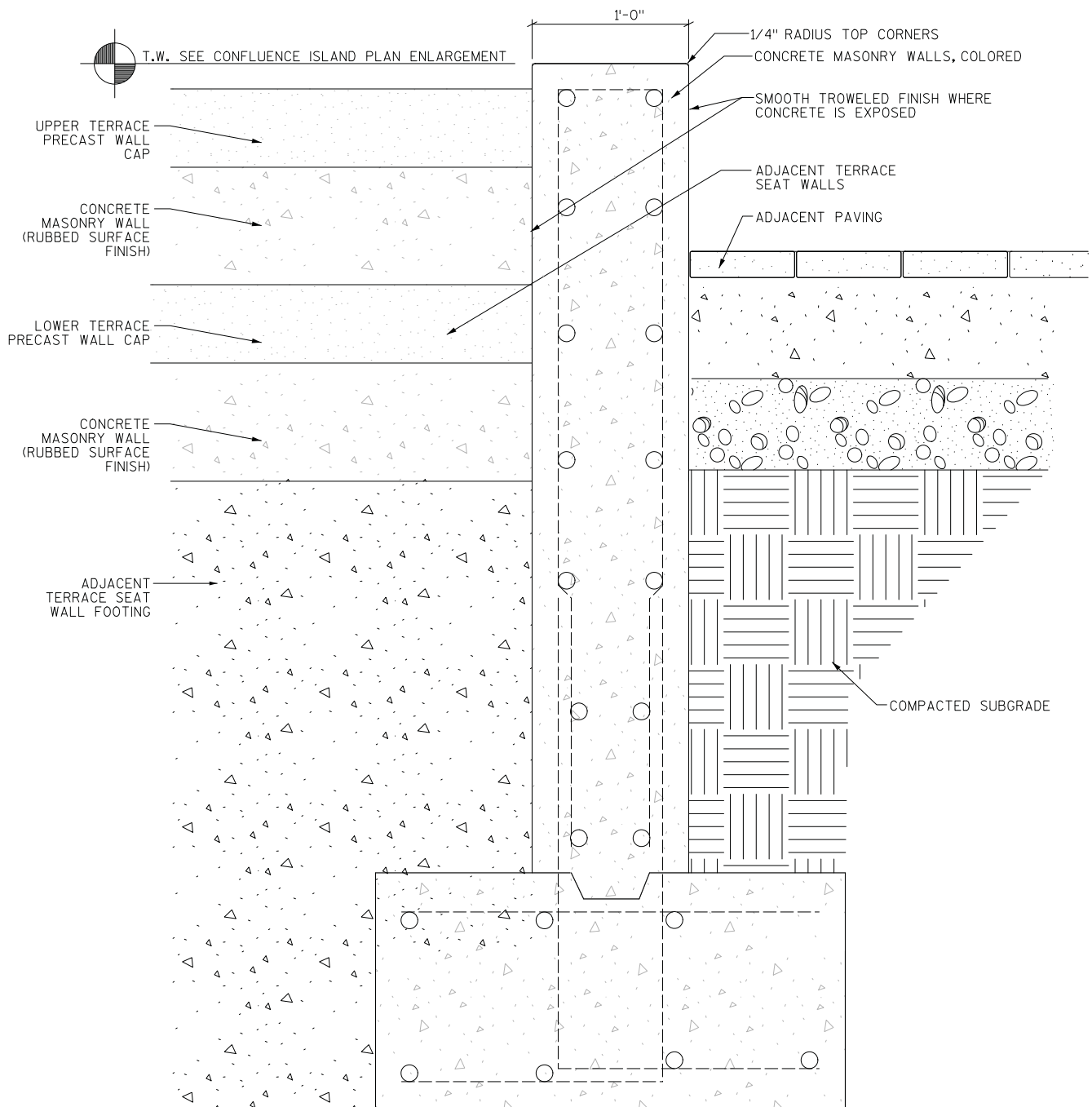
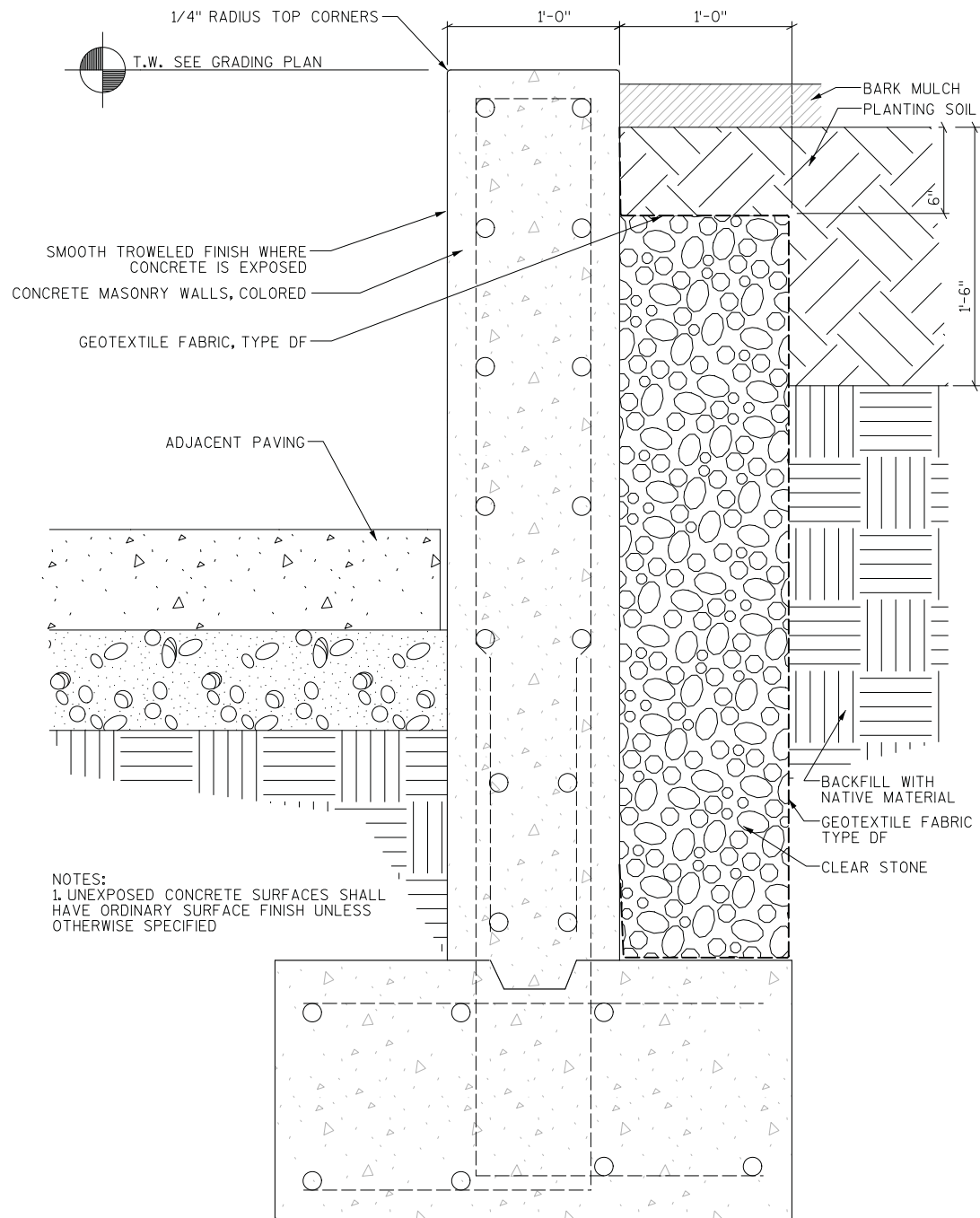


2 CAST-IN-PLACE CONCRETE WALL DETAIL
S22 @ CONFLUENCE ISLANDS
SCALE: NONE



3 CAST-IN-PLACE CONCRETE WALL WITH
S22 CANTILEVER SEATING DETAIL
SCALE: NONE

NOTES:
1. UNEXPOSED CONCRETE SURFACES SHALL
HAVE ORDINARY SURFACE FINISH UNLESS
OTHERWISE SPECIFIED



1 12" CAST-IN-PLACE CONCRETE WALL (PLANTER WALL CONDITION)
S-23 1"=1'-0"

2 12" CAST-IN-PLACE CONCRETE WALL (TERRACE SEATING CONDITION)
S-23 1"=1'-0"

PLOT SCALE: _____

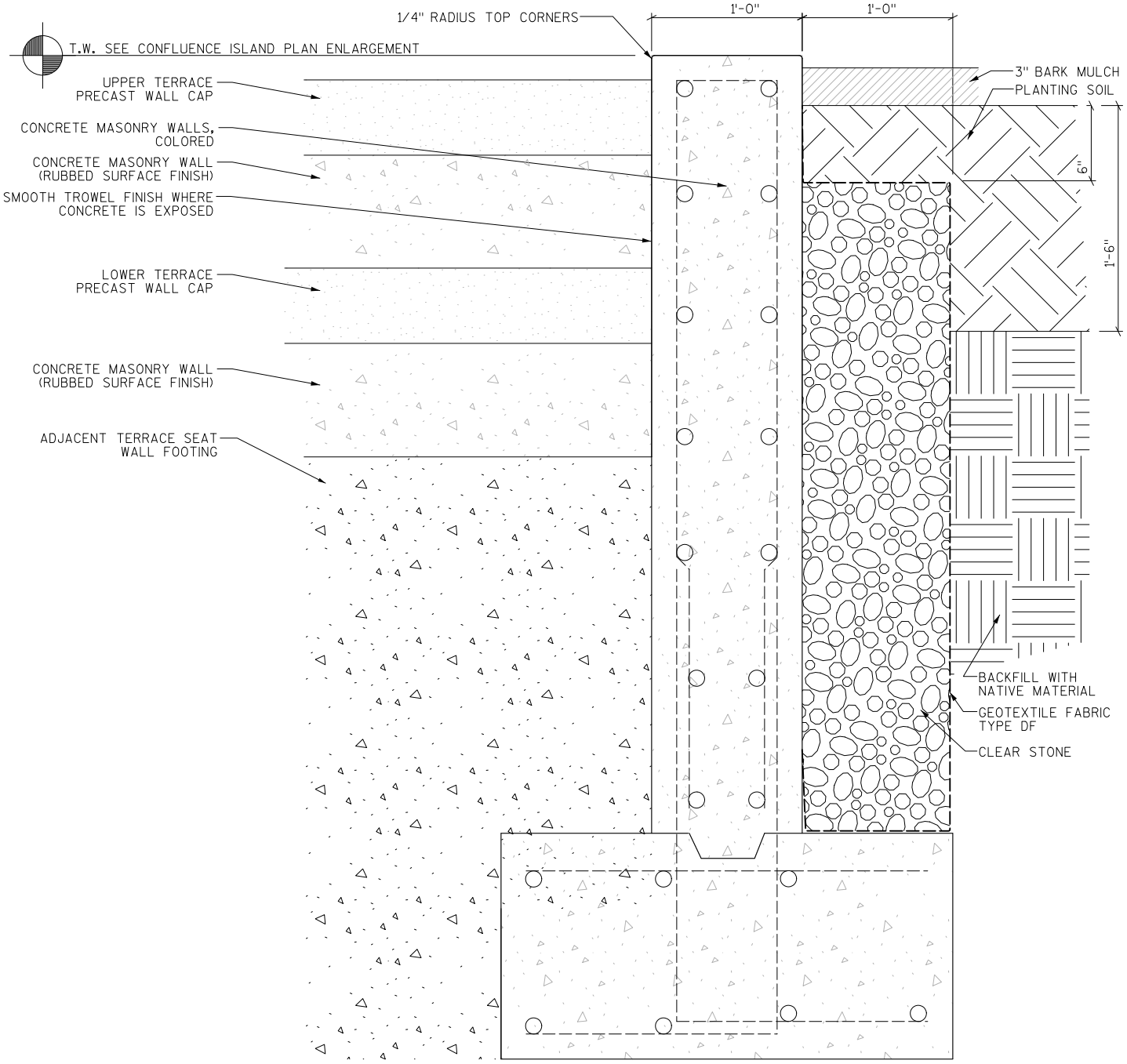
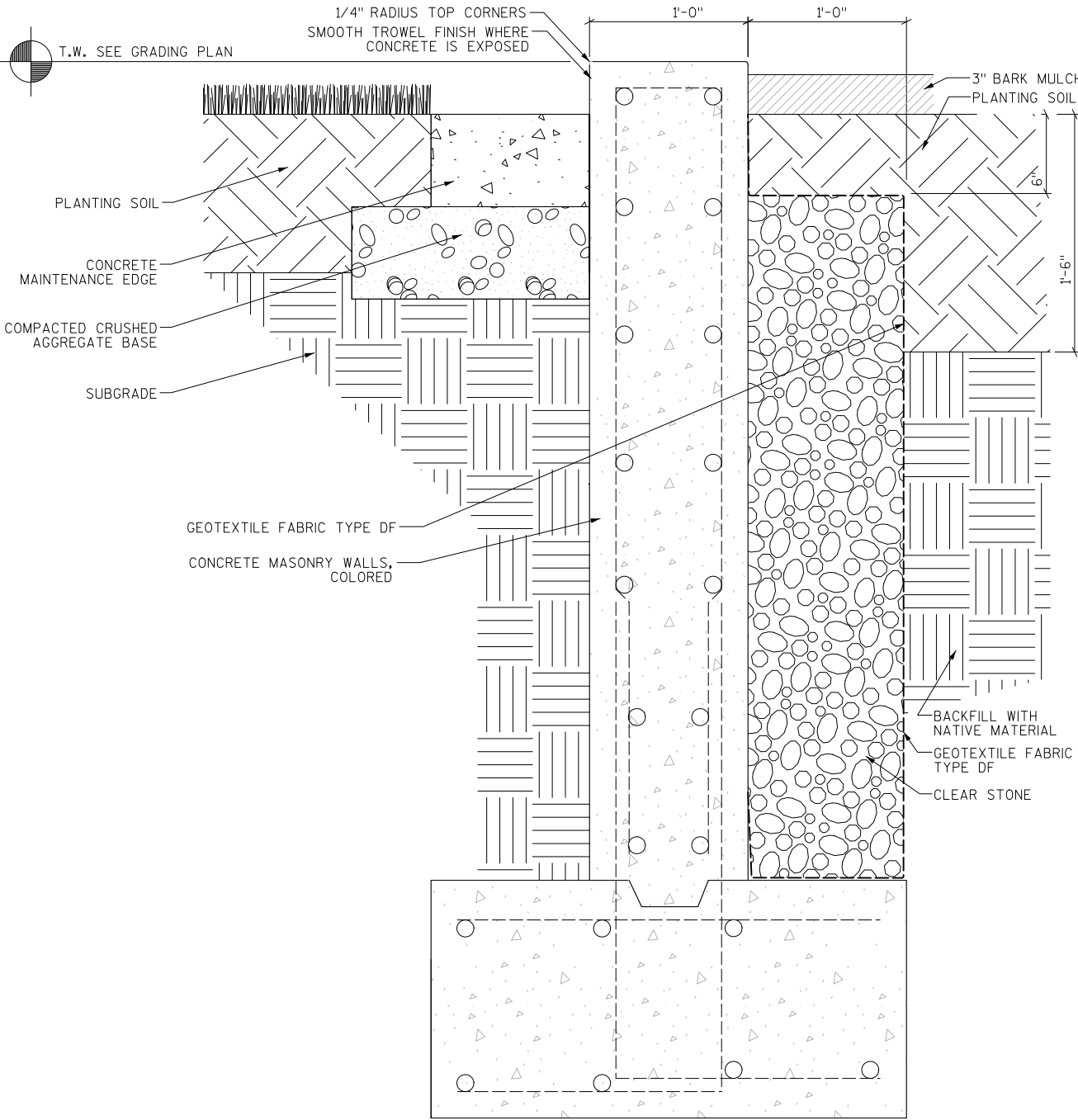
PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

NOTES:
1. CONTRACTOR SHALL PROVIDE SHOP
DRAWINGS FOR APPROVAL

2. UNEXPOSED CONCRETE SURFACES SHALL
HAVE ORDINARY SURFACE FINISH UNLESS
OTHERWISE SPECIFIED



1 12" CAST-IN-PLACE CONCRETE WALL (PLANTER WALL CONDITION)
S-24 1"=1'-0"

2 12" CAST-IN-PLACE CONCRETE WALL (TERRACE SEATING CONDITION)
S-24 1"=1'-0"

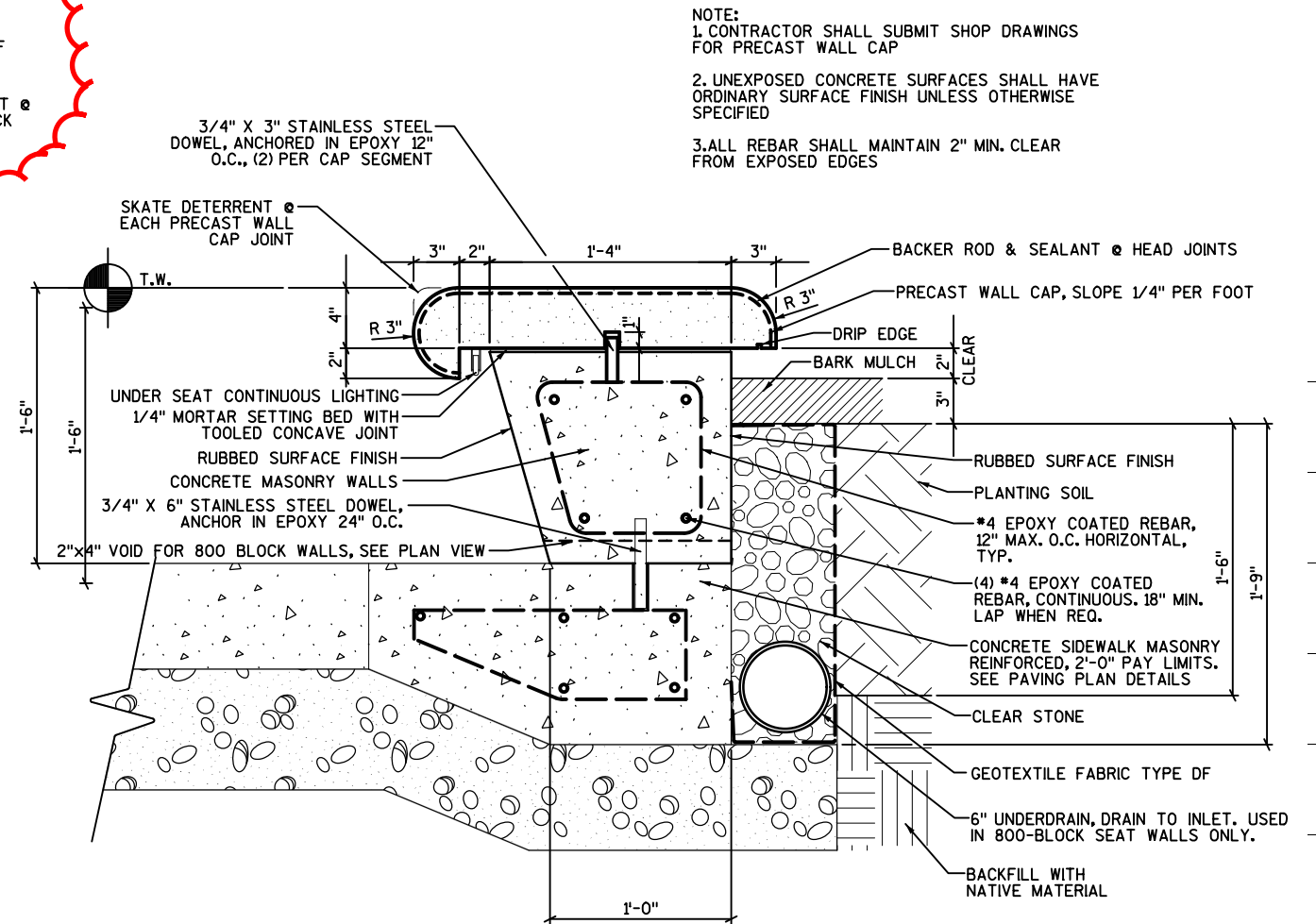
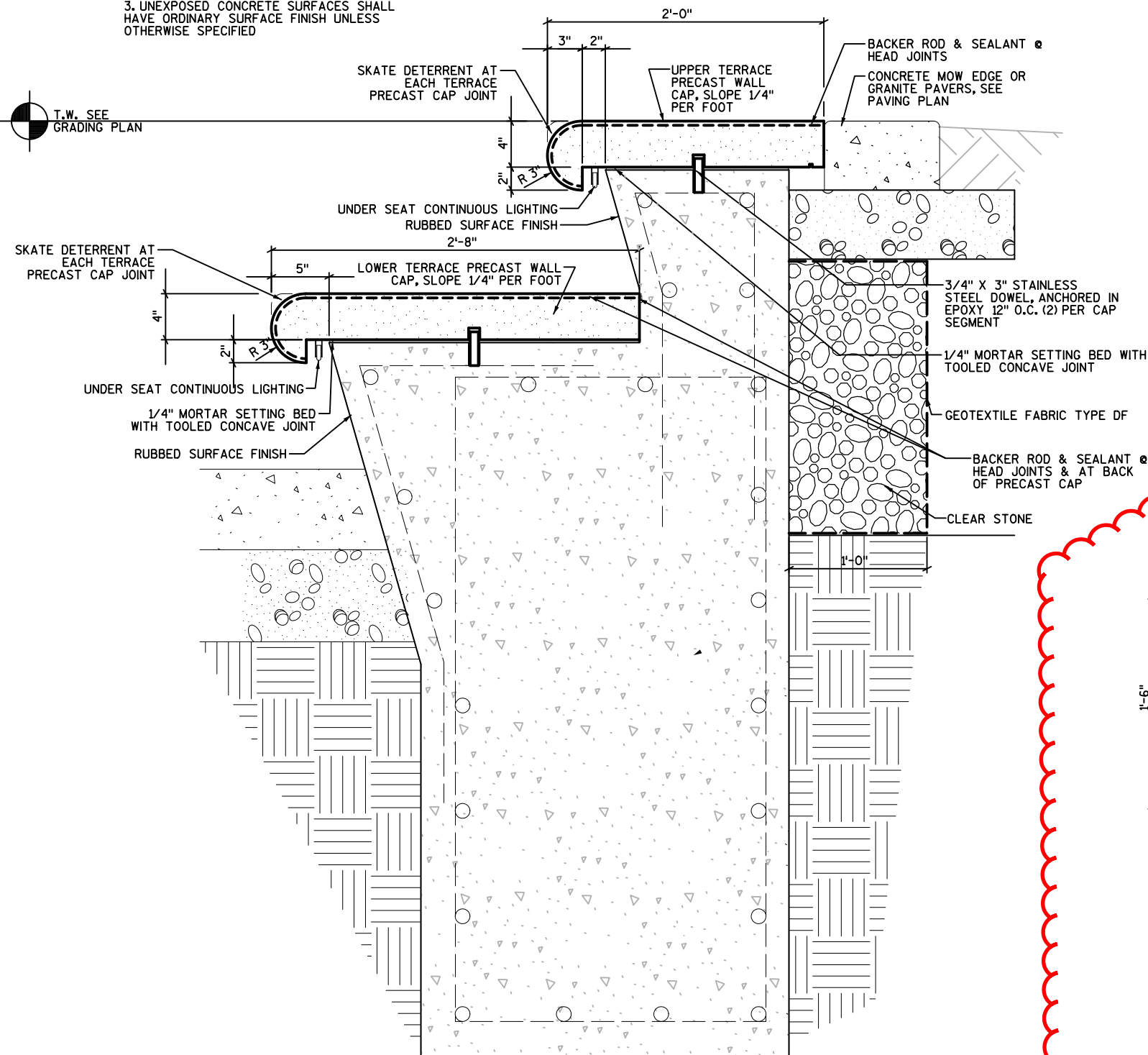
PLOT SCALE: _____
PLOT NAME: _____
REV. DATE: _____
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

STATE STREET CITY OF MADISON



NOTE:
1. SEE WALL DETAIL FOR WALL DIMENSIONS & REINFORCING
2. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR PRECAST WALL CAP
3. UNEXPOSED CONCRETE SURFACES SHALL HAVE ORDINARY SURFACE FINISH UNLESS OTHERWISE SPECIFIED

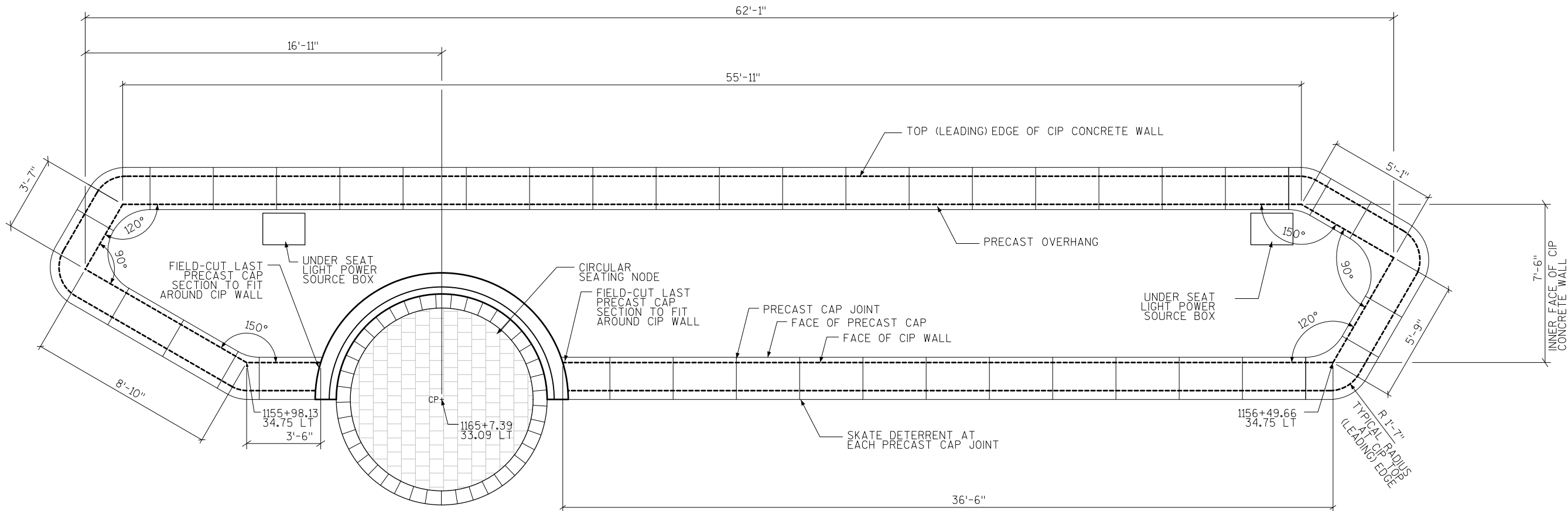
REVISED 3/21/14: Added detail for Planter Seat Walls for planter areas in the 700 Block.



NOTE:
1. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR PRECAST WALL CAP
2. UNEXPOSED CONCRETE SURFACES SHALL HAVE ORDINARY SURFACE FINISH UNLESS OTHERWISE SPECIFIED
3. ALL REBAR SHALL MAINTAIN 2" MIN. CLEAR FROM EXPOSED EDGES

1 DOUBLE TERRACE SEATING @ LIBRARY MALL LAWN
1"=1'-0"

2 PLANTER SEAT WALL WITH PRECAST CAP
1"=1'-0"



NOTE:
1. SEE S-31 FOR PRECAST CAPS FOR SEAT WALLS
2. WALL DIMENSIONS ARE TO BACK OF CIP CONCRETE WALL FACE

1
S-27
3/16"=1'-0"

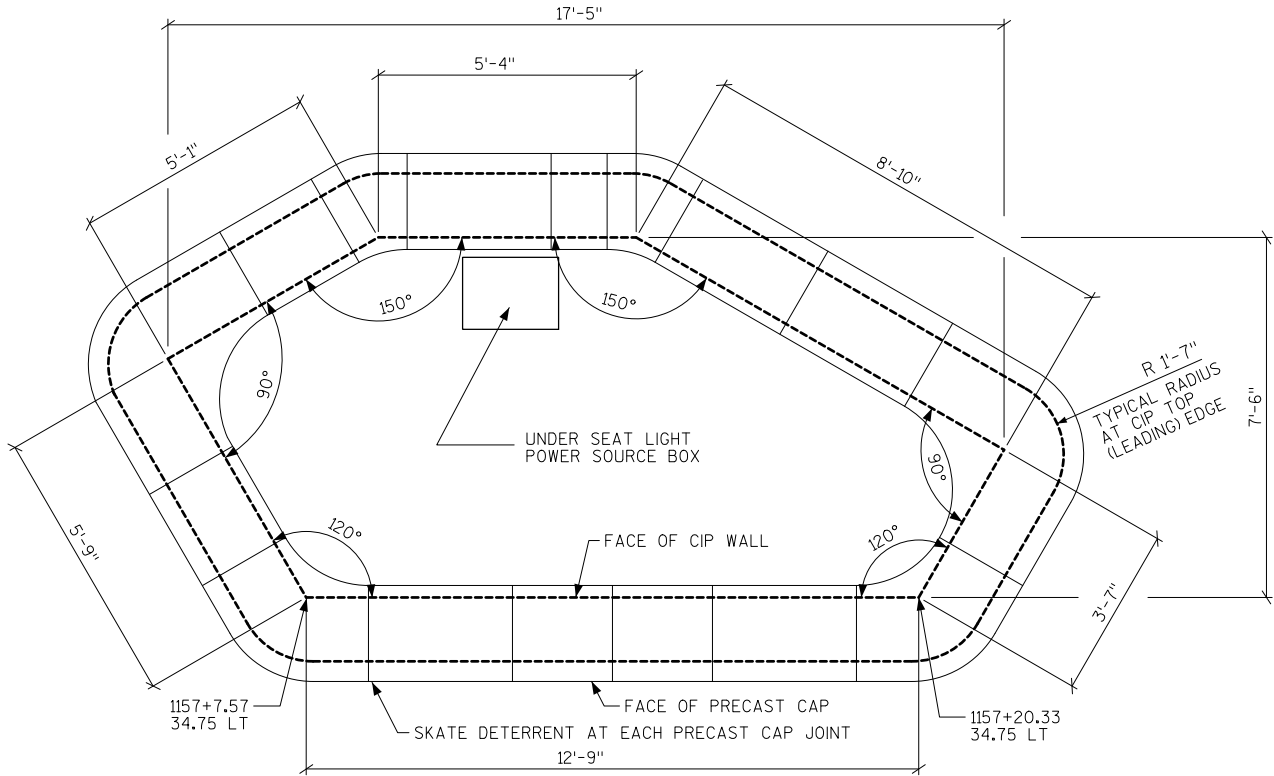
PLANTER A SITE LAYOUT ENLARGEMENT

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

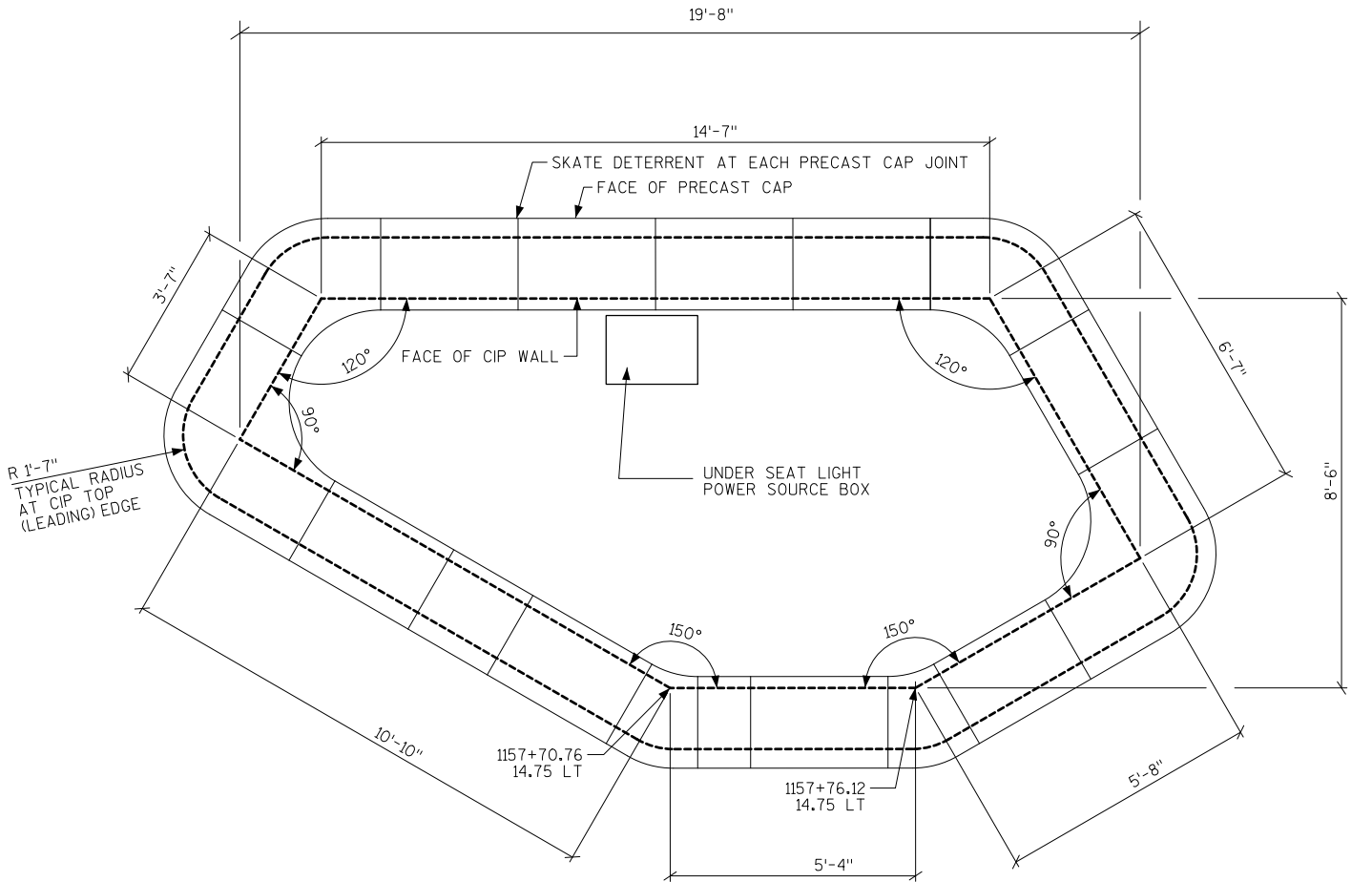
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



1
S-28
1/4"=1'-0"

PLANTER B SITE LAYOUT ENLARGEMENT

NOTE:
1. SEE S-31 FOR PRECAST CAPS FOR SEAT WALLS
2. WALL DIMENSIONS ARE TO BACK OF CIP CONCRETE WALL FACE



2
S-28
1/4"=1'-0"

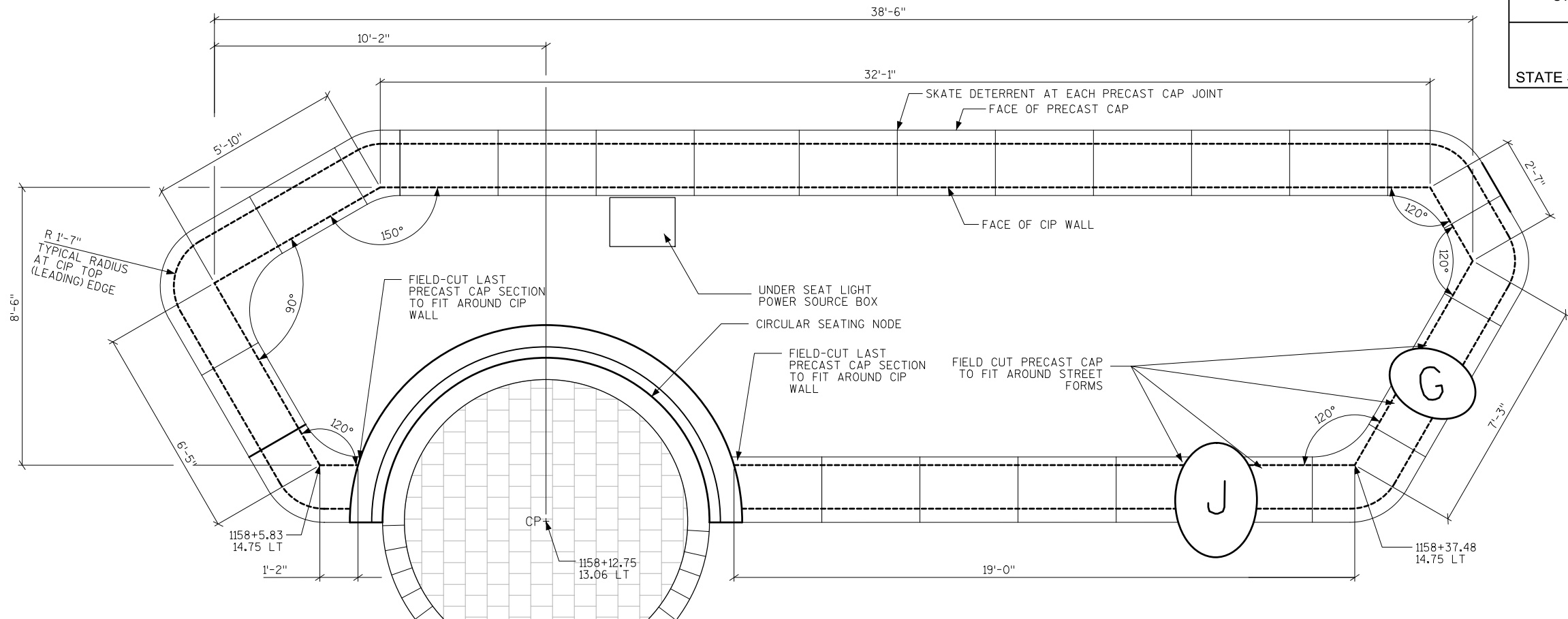
PLANTER C SITE LAYOUT ENLARGEMENT

PLOT SCALE: _____

PLOT NAME: _____

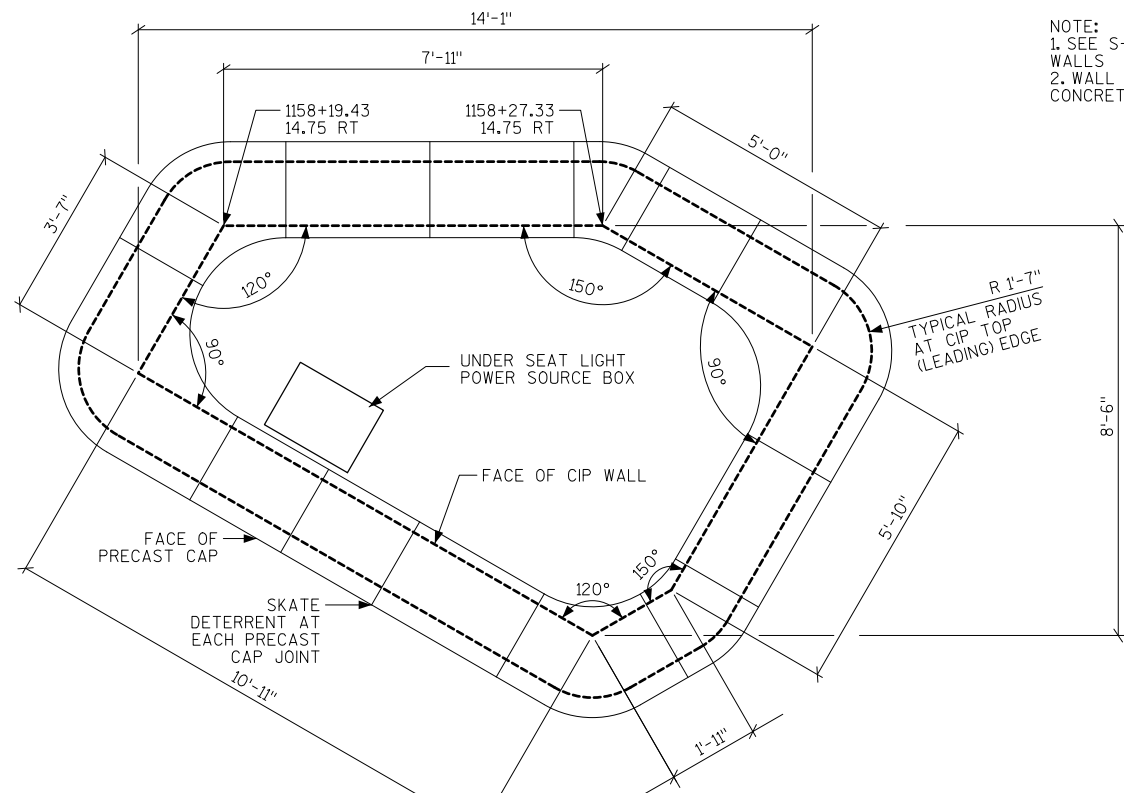
REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



1
S-29
1/4"=1'-0"

PLANTER D SITE LAYOUT ENLARGEMENT



NOTE:
1. SEE S-31 FOR PRECAST CAPS FOR SEAT WALLS
2. WALL DIMENSIONS ARE TO BACK OF CIP CONCRETE WALL FACE.

2
S-29
1/4"=1'-0"

PLANTER E SITE LAYOUT ENLARGEMENT

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

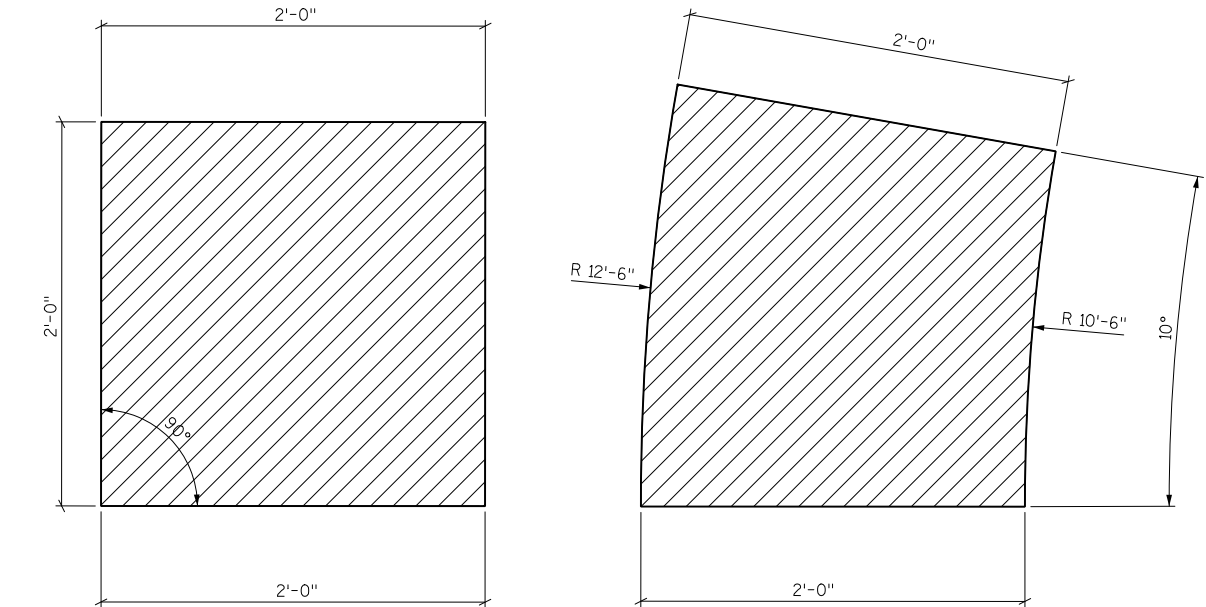
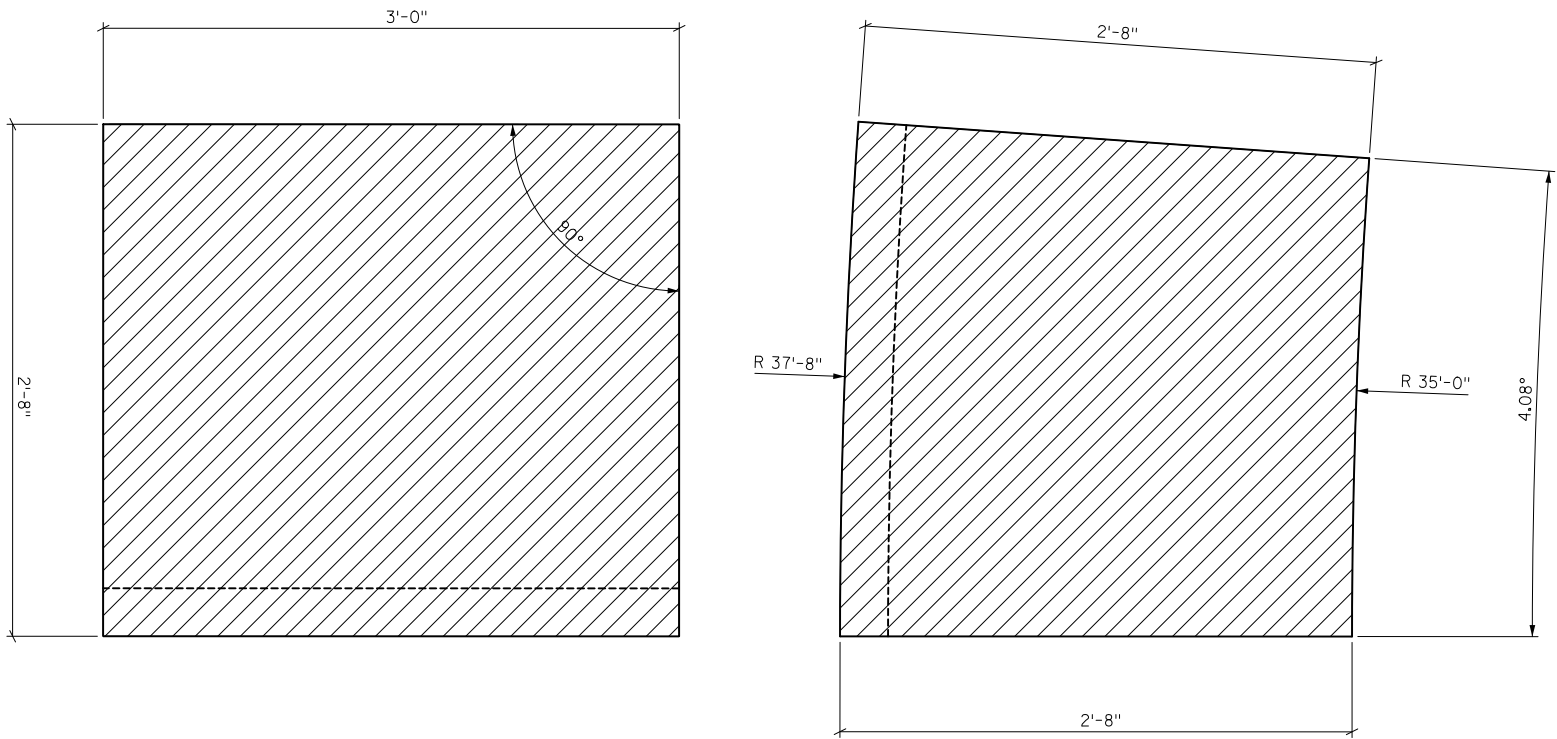
PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

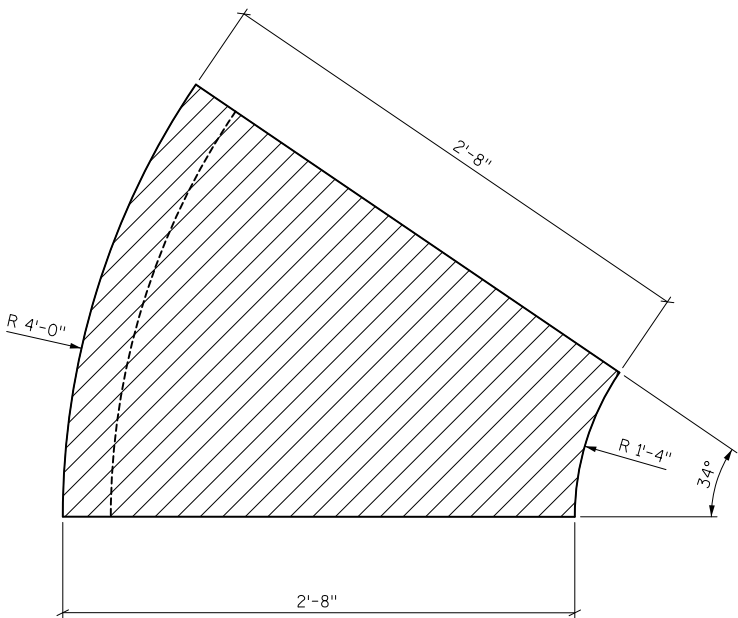
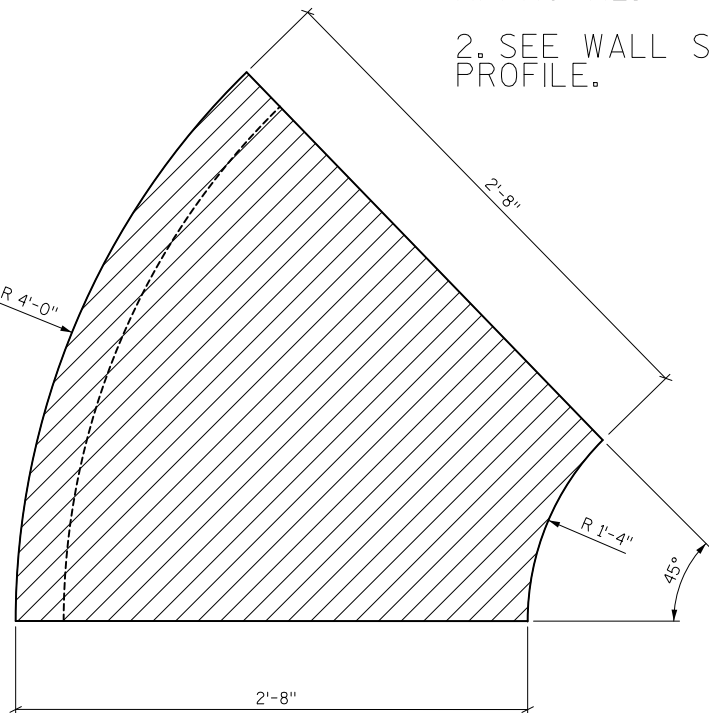
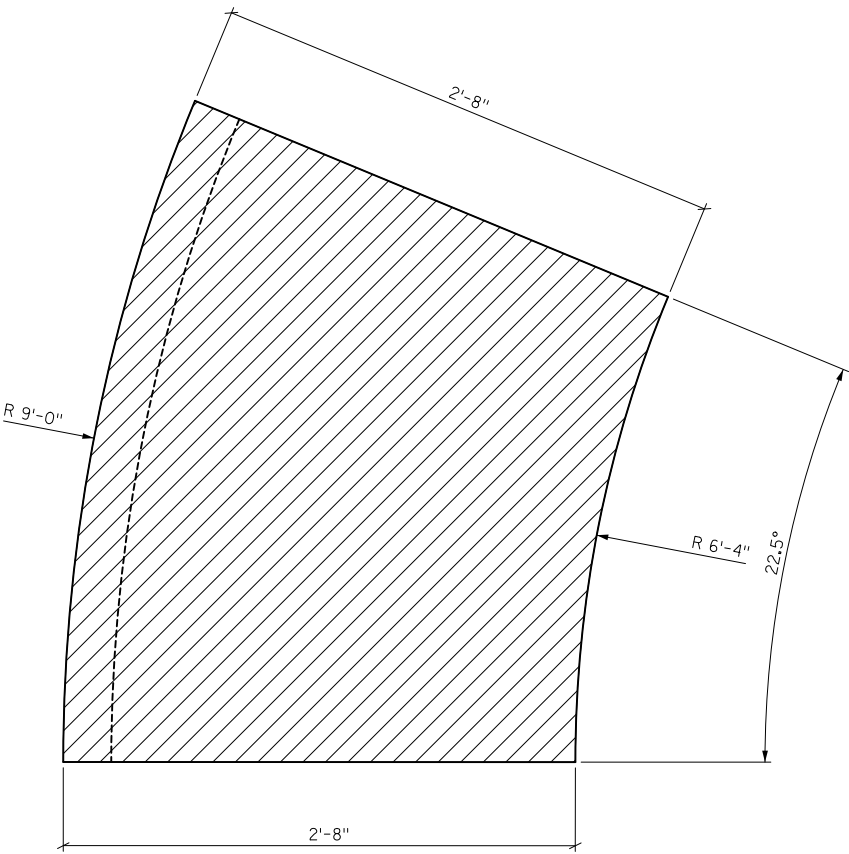
STATE STREET 700 / 800 BLOCKS PROJECT NO. 53W1193	SHEET NO. S30
STREETSCAPE & WALL DETAILS	
STATE STREET	CITY OF MADISON



2
S-30
1"=1'-0"

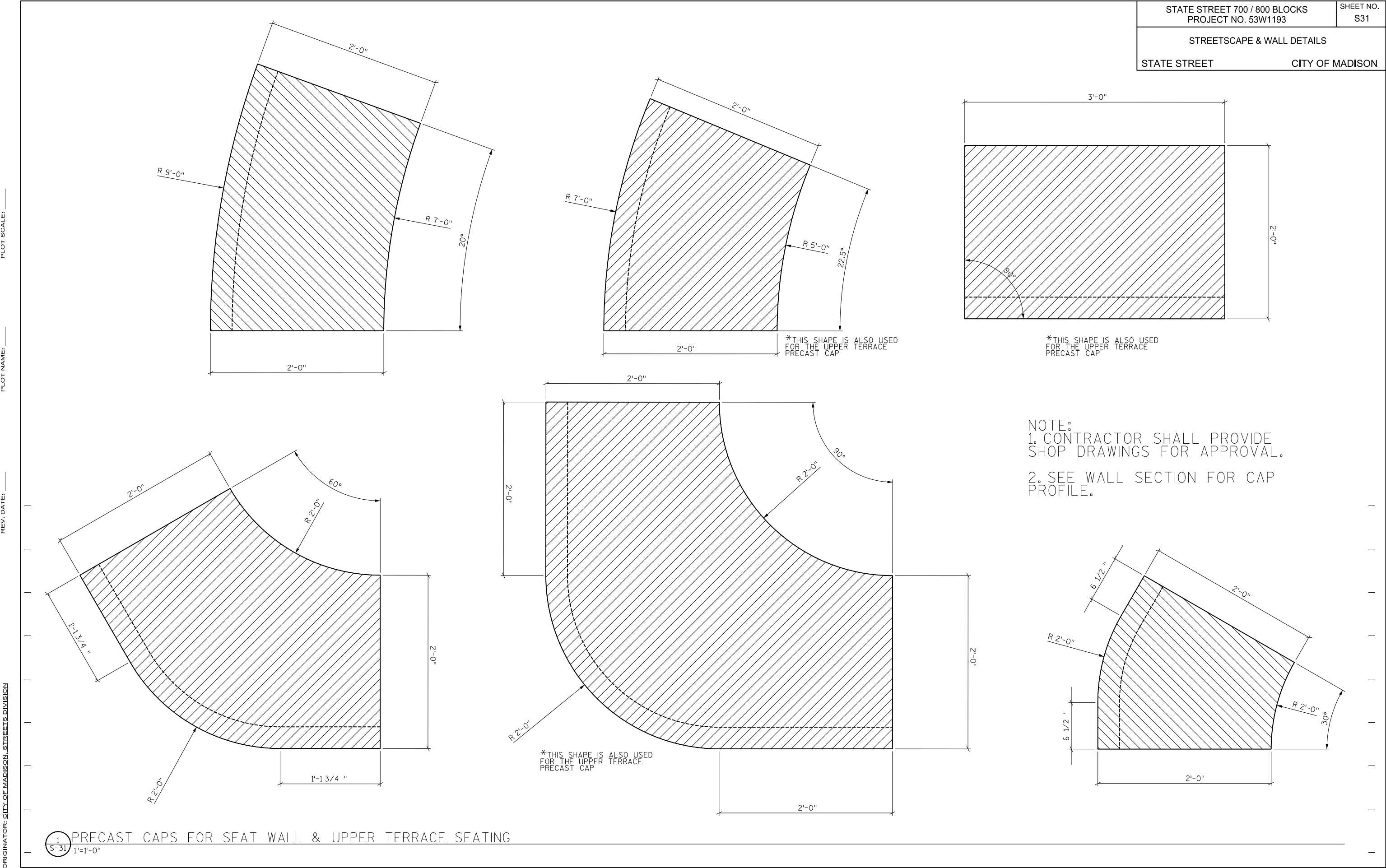
PRECAST CAPS FOR BASCOM VENEER WALL

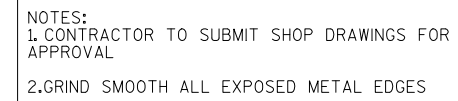
NOTE:
1. CONTRACTOR SHALL PROVIDE
SHOP DRAWINGS FOR
APPROVAL.
2. SEE WALL SECTION FOR CAP
PROFILE.



1
S-30
1"=1'-0"

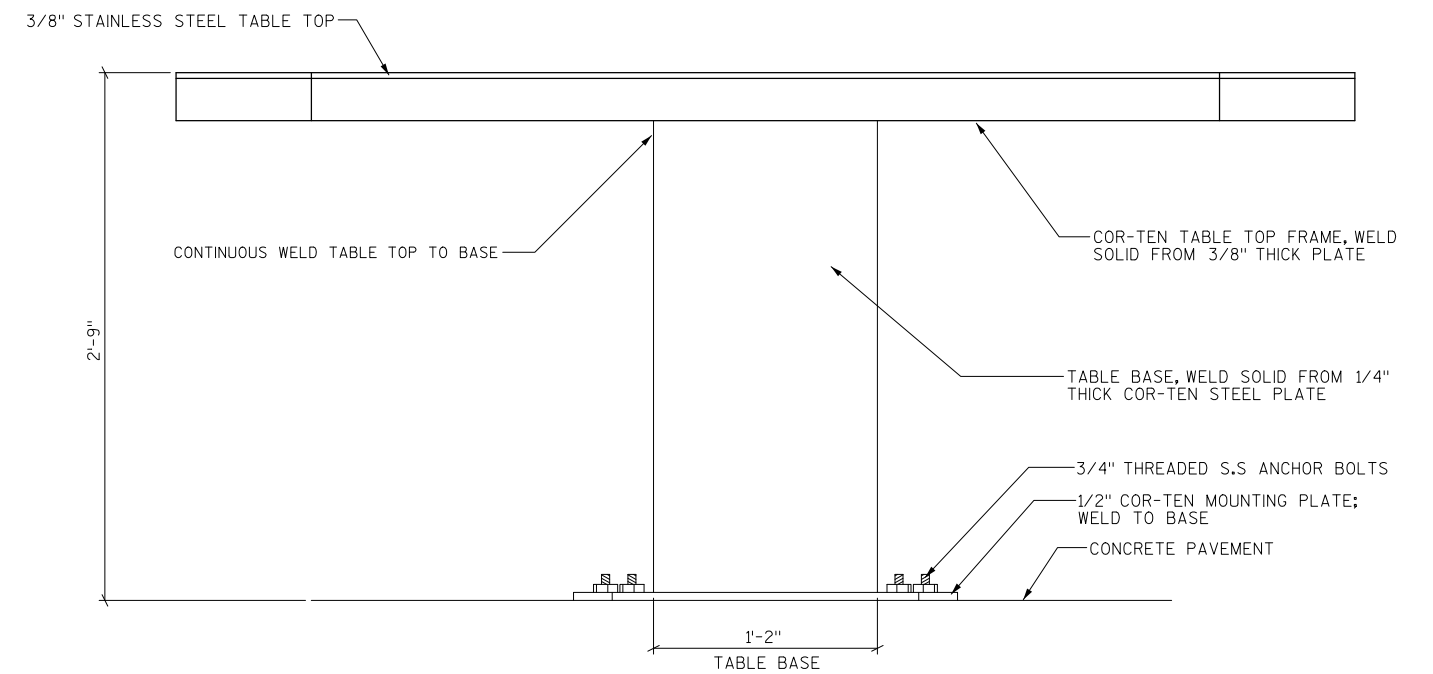
PRECAST CAPS FOR LOWER TERRACE





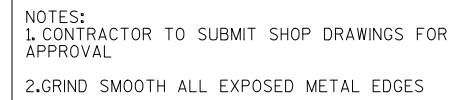
1
S-32

33" HEIGHT TABLE
1"=1'-0"

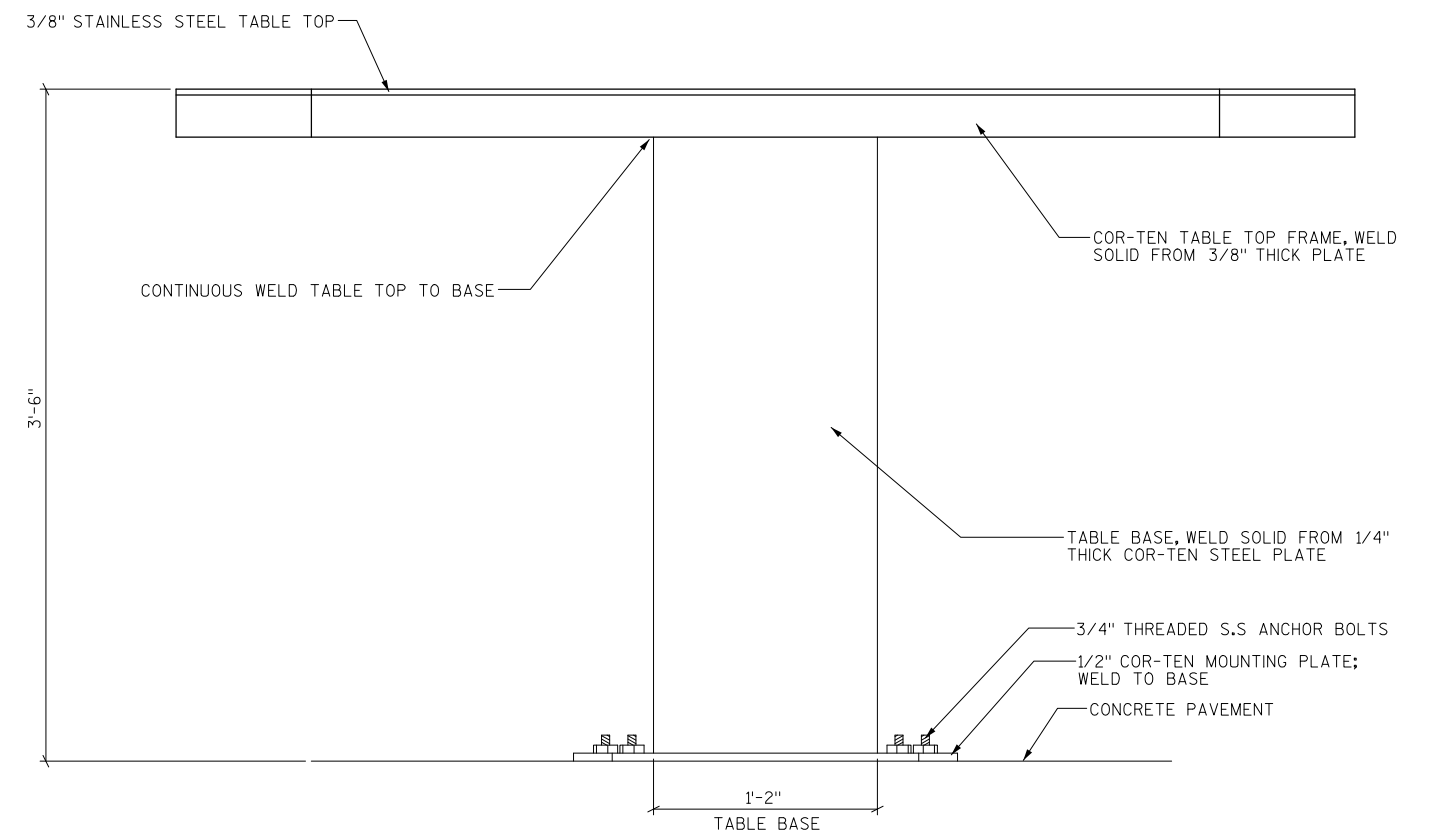


REAR ELEVATION

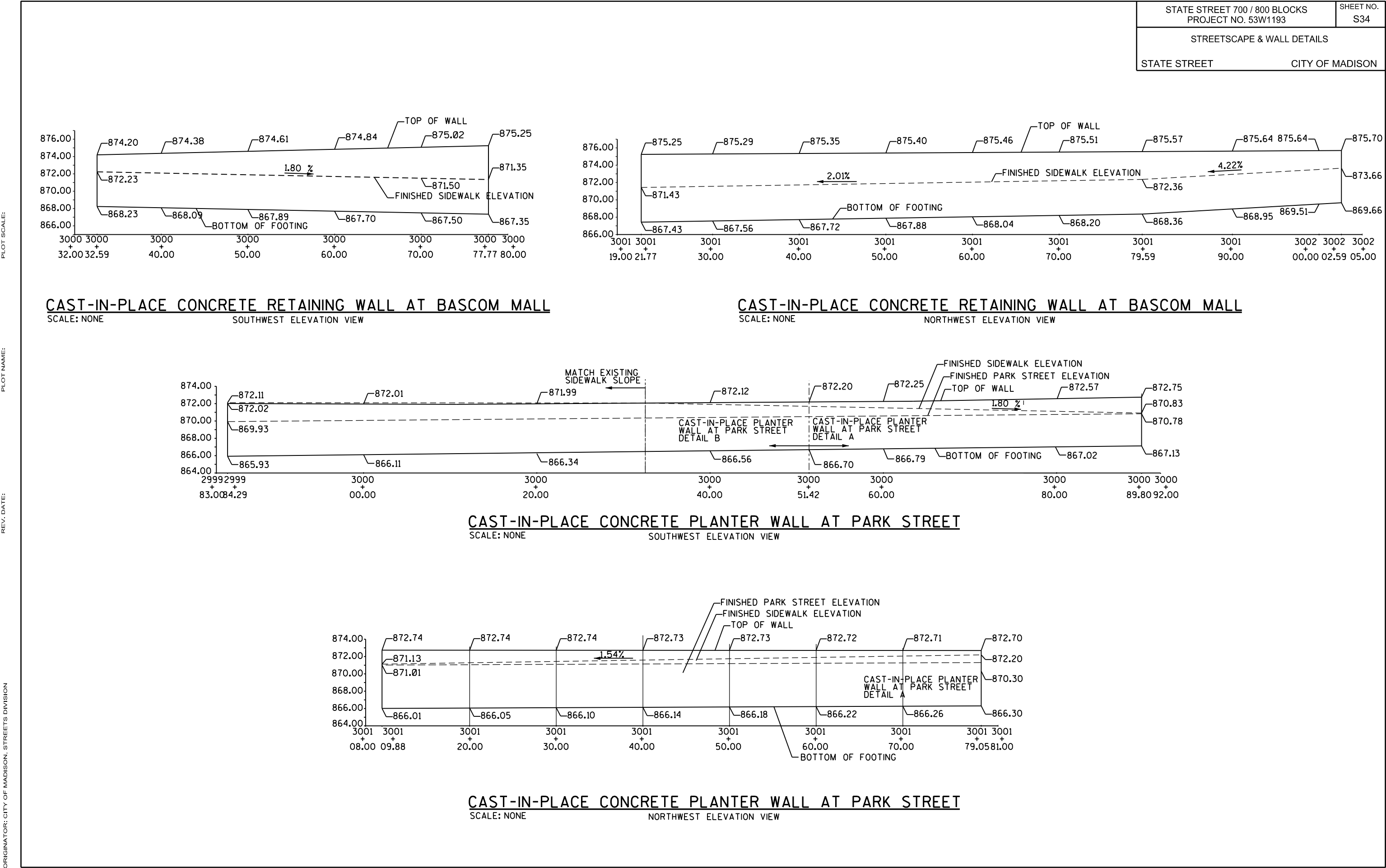
33" HEIGHT TABLE - SECTION

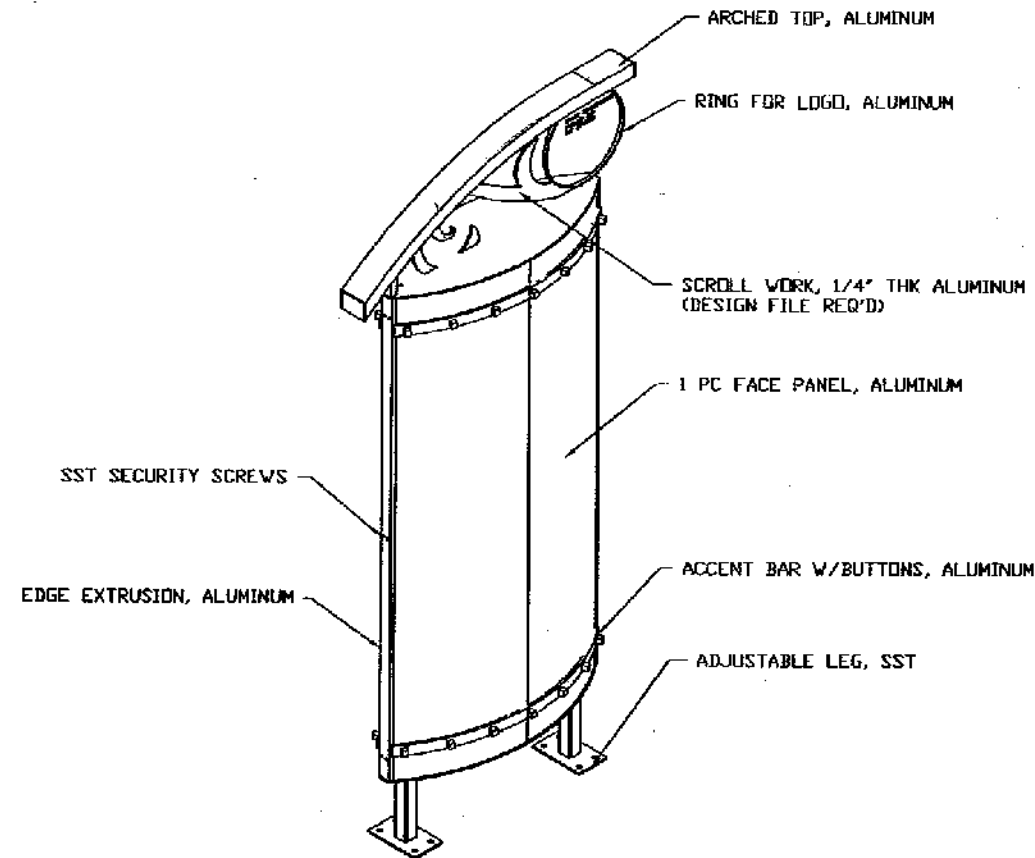



 42" H
 1"=1'-0"

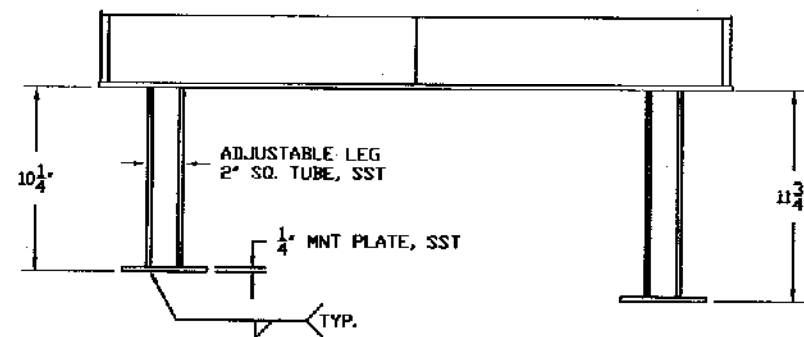


② $42''$ H
S-33 $1'' = 1' - 0''$

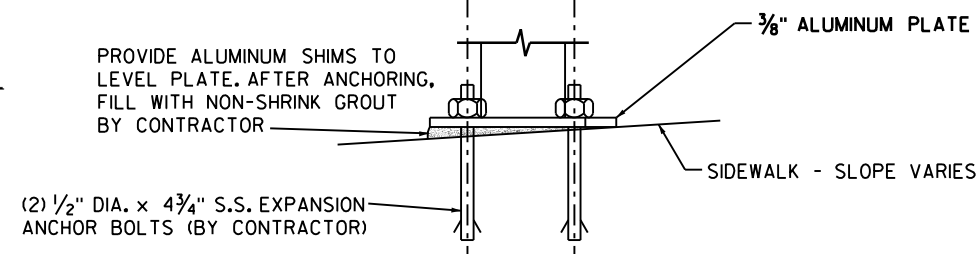
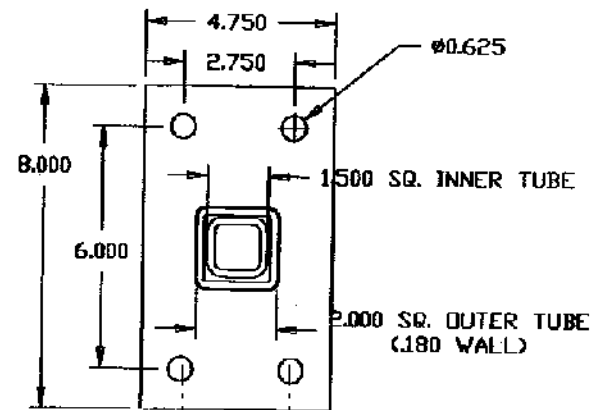




ISO VIEW
(FRONT & BACK FACE LAYOUT ARE THE SAME)

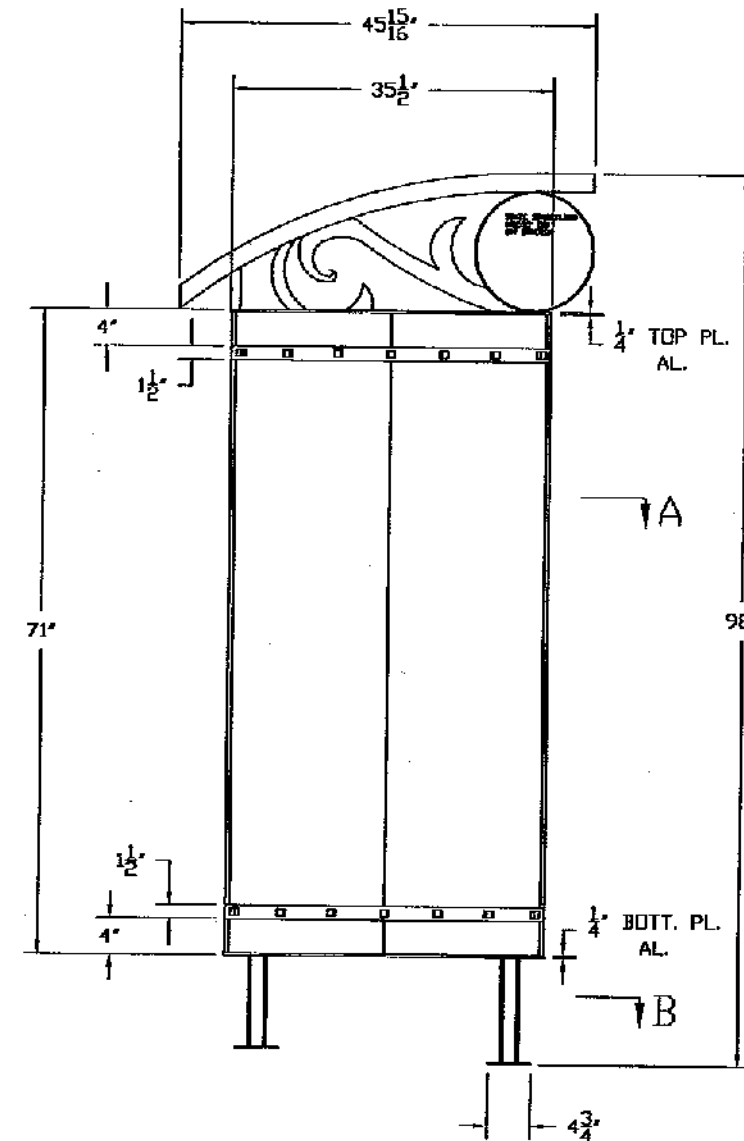


**ENLARGED ELEVATION
BOTTOM DETAIL**

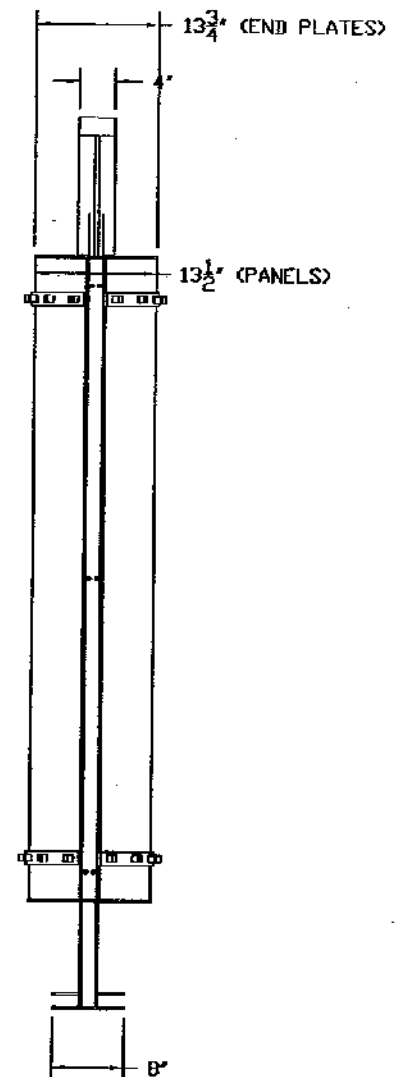


BASE PLATE DETAIL

POSTING KIOSK DETAILS
SCALE: NONE



**FRONT ELEVATION
(TYP FOR REAR ELEV.)**



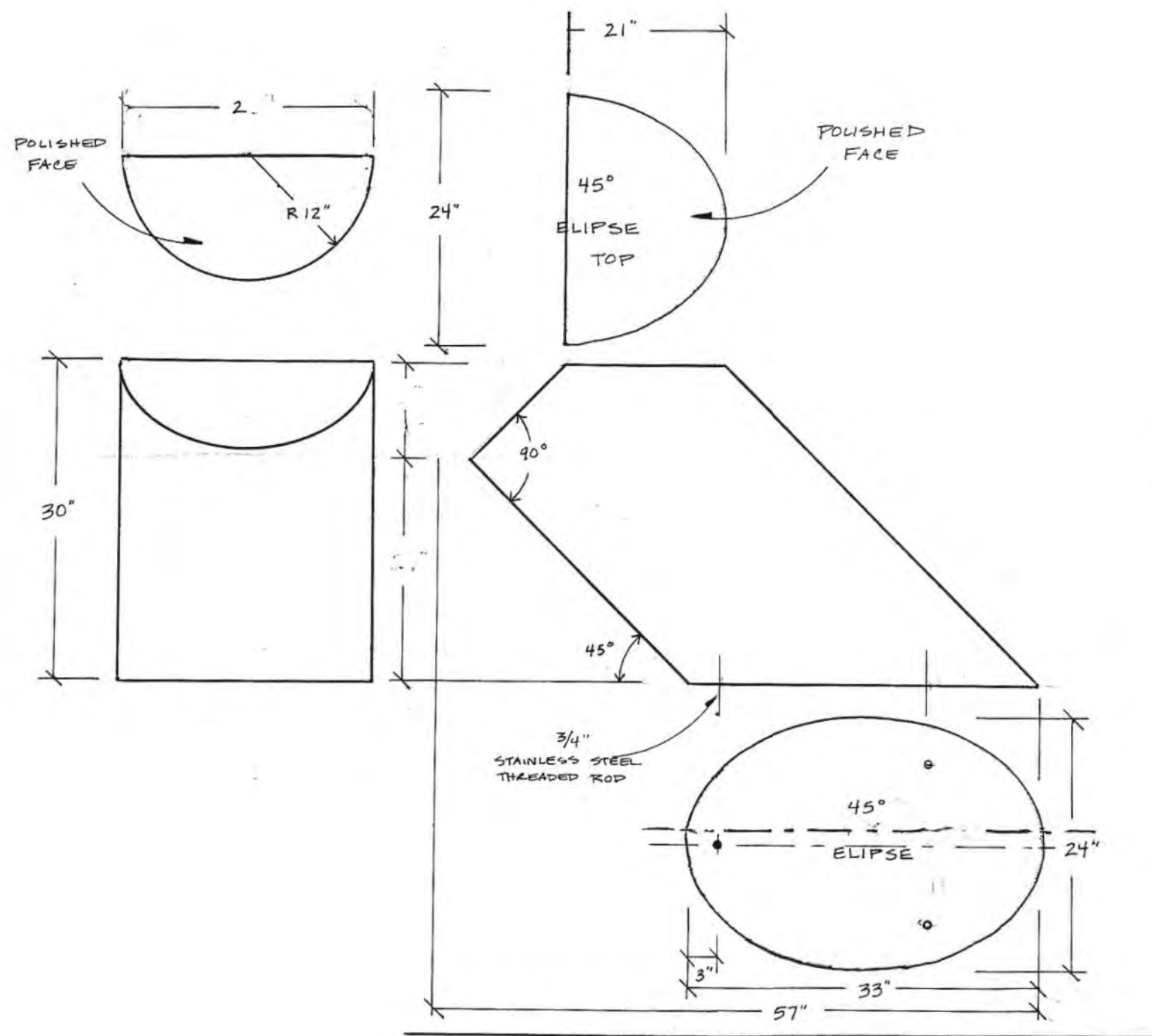
RIGHT SIDE ELEVAT.

PLOT SCALE:

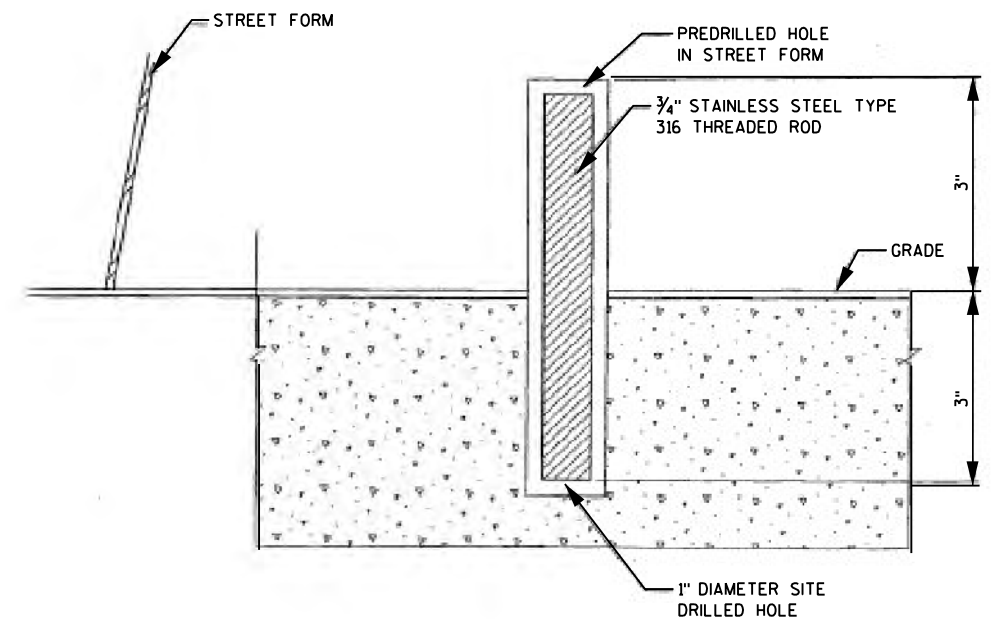
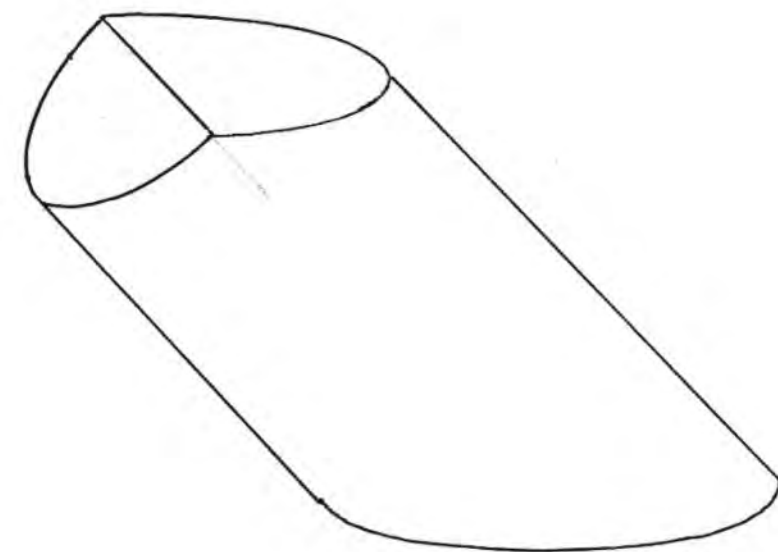
PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREET'S DIVISION



GRANITE STREET FORM TYPE G
SCALE: NONE



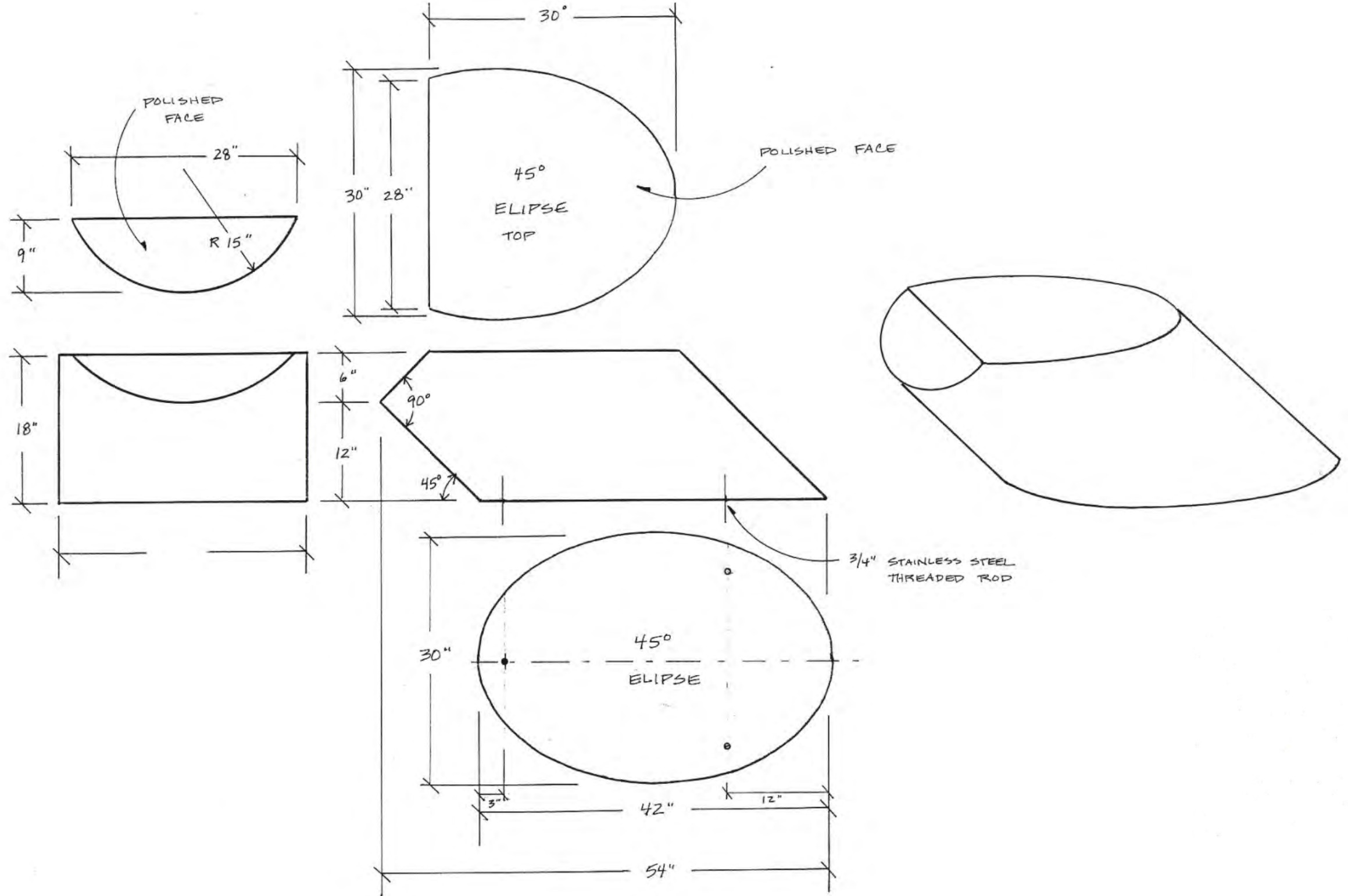
STREET FORM ANCHOR DETAIL
SCALE: NONE

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREET'S DIVISION



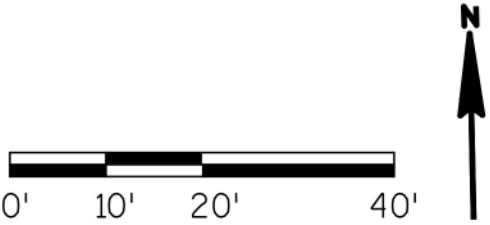
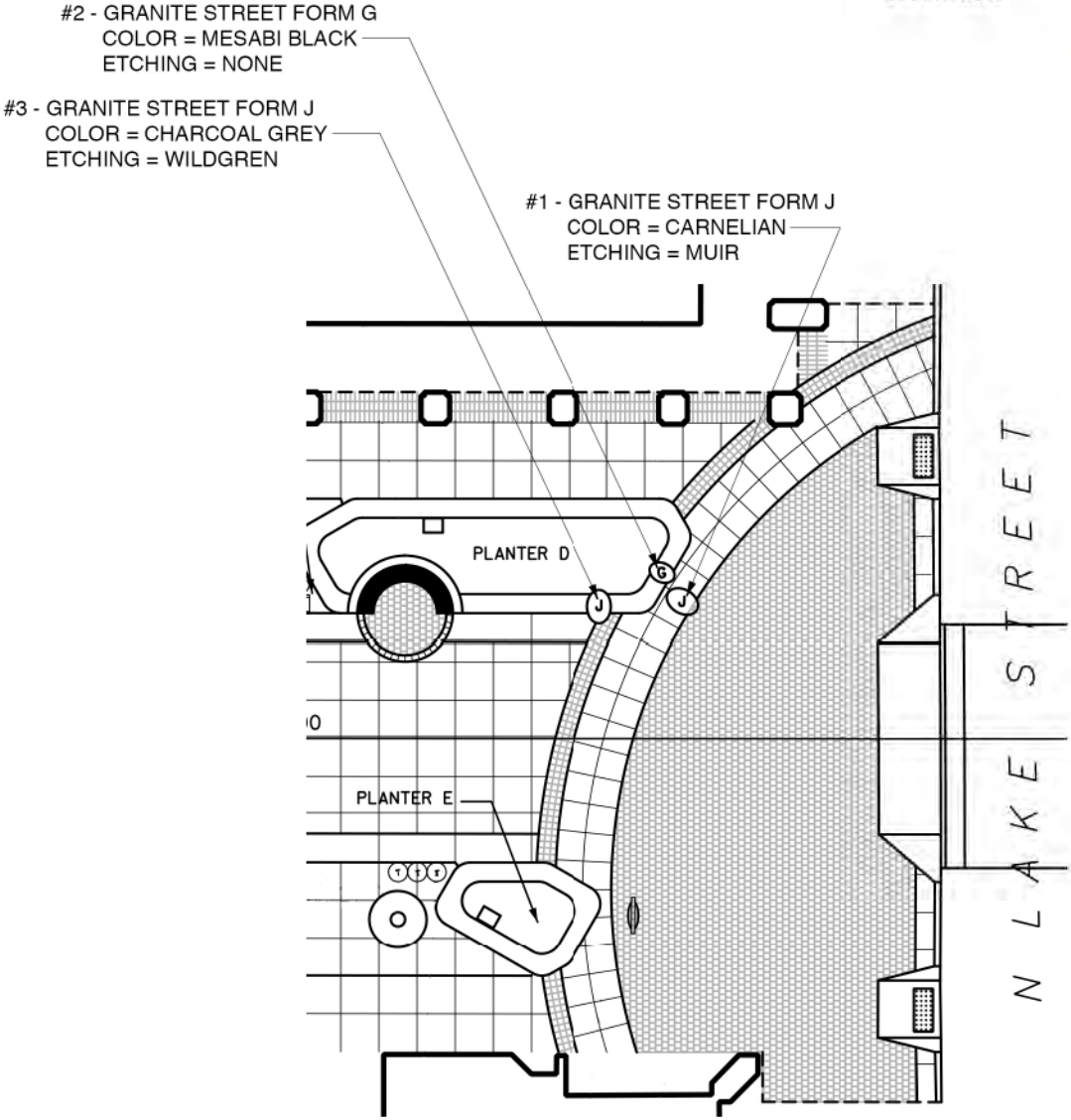
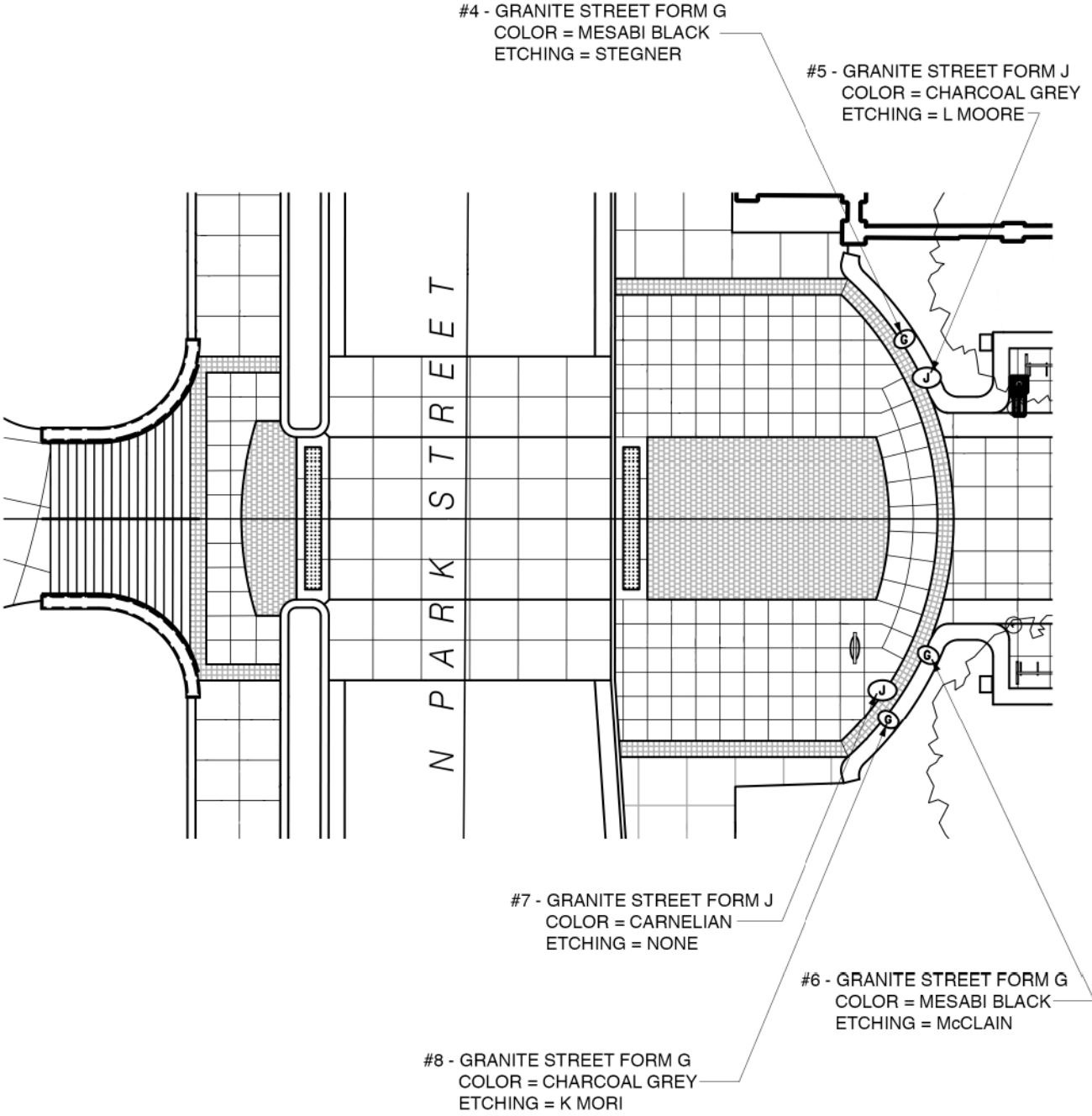
GRANITE STREET FORM TYPE J
SCALE: NONE

ORIGINATOR: CITY OF MADISON, STREET'S DIVISION
REV. DATE:
PLOT NAME:
PLOT SCALE:

- 3 - FORM G - MESABI BLACK - TWO ETCHED, ONE PLAIN
- 1 - FORM G - CHARCOAL BLACK, ETCHED
- 2 - FORM J - CARNELIAN (red) - ONE ETCHED, ONE PLAIN
- 2 - FORM J - CHARCOAL GREY - BOTH ETCHED

JILL SEBASTIAN

516 West National Avenue Milwaukee, WI 53204
414-975-5464 jillsebastian@miad.edu



1 800 BLOCK GRANITE STREET FORMS (PHILOSOPHERS' STONES)

2 700 BLOCK GRANITE STREET FORMS (PHILOSOPHERS' STONES)

JILL SEBASTIAN
516 West National Avenue Milwaukee, WI 53204
414-975-5464 jillsebastian@miad.edu

**Winds are advertisements of all they touch,
however much or little we may be able to
read them, telling their wanderings
even by their scents alone.**

John Muir

PROJECT NAME: STATE STREET 700-800 BLOCK & LIBRARY MALL
PROJECT LOCATION: MADISON, WISCONSIN
GRANITE STREET FORM TYPE J
FRONT ANGLED FACE WITH TEXT
STONE COLOR AND FINISH: CARNELIAN (red) - DIAMOND 10/ RUB & SAND
FONT STYLE: GARAMOND SEMI-BOLD
FONT HEIGHTS: 3/4" & 1/2"
FONT TREATMENT: SB INC1/32" DEEP IN SMOOTH FINISHED FACE SURFACE

JILL SEBASTIAN
516 West National Avenue Milwaukee, WI 53204
414-975-5464 jillsebastian@miad.edu

Maybe it's my own midwestern sensibility,
which demands some pleasantries and
fried cheese curds with its
naked ambition.

Michele Wildgren

PROJECT NAME: STATE STREET 700-800 BLOCK & LIBRARY MALL
PROJECT LOCATION: MADISON, WISCONSIN
GRANITE STREET FORM TYPE J
FRONT ANGLED FACE WITH TEXT
STONE COLOR AND FINISH: CHARCOAL GREY - DIAMOND 10/ RUB & SAND
FONT STYLE: GARAMOND SEMI-BOLD
FONT HEIGHTS: 3/4" & 1/2"
FONT TREATMENT: SB INC1/32" DEEP IN SMOOTH FINISHED FACE SURFACE

1 #3 - LAKE STREET GRANITE FORM J (CHARCOAL GREY) - WILDGREN
1/2"=1"

JILL SEBASTIAN
516 West National Avenue Milwaukee, WI 53204
414-975-5464 jillsebastian@miad.edu

We just emerged from Lake Mendota,
clothed in white samite, mystic,
wonderful, and we dripped
a little on the floor.

Wallace Stegner

PROJECT NAME: STATE STREET 700-800 BLOCK & LIBRARY MALL
PROJECT LOCATION: MADISON, WISCONSIN
GRANITE STREET FORM TYPE G
FRONT ANGLED FACE WITH TEXT
STONE COLOR AND FINISH: MESABI BLACK - DIAMOND 10/ RUB & SAND
FONT STYLE: GARAMOND SEMI-BOLD
FONT HEIGHTS: 3/4" & 1/2"
FONT TREATMENT: SB INC1/32" DEEP IN SMOOTH FINISHED FACE SURFACE

1 #4 - PARK STREET GRANITE FORM G (MESABI BLACK) - STEGNER
1/2"=1"

JILL SEBASTIAN
516 West National Avenue Milwaukee, WI 53204
414-975-5464 jillsebastian@miad.edu

Tragedies, I was coming to realize through
my daily studies in humanities both
in and out of the classroom,
were a luxury.

Lorrie Moore

PROJECT NAME: STATE STREET 700-800 BLOCK & LIBRARY MALL
PROJECT LOCATION: MADISON, WISCONSIN
GRANITE STREET FORM TYPE J
FRONT ANGLED FACE WITH TEXT
STONE COLOR AND FINISH: CHARCOAL GREY - DIAMOND 10/ RUB & SAND
FONT STYLE: GARAMOND SEMI-BOLD
FONT HEIGHTS: 3/4" & 1/2"
FONT TREATMENT: SB INC1/32" DEEP IN SMOOTH FINISHED FACE SURFACE

1 #5 - PARK STREET GRANITE FORM J (CHARCOAL GREY) - LORRIE MOORE
1/2"=1"

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREET'S DIVISION

STATE STREET 700 / 800 BLOCKS PROJECT NO. 53W1193	SHEET NO. S43
STREETSCAPE & WALL DETAILS	
STATE STREET	CITY OF MADISON

JILL SEBASTIAN
516 West National Avenue Milwaukee, WI 53204
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The dream didn't come from sleeping
or just talking.
This dream of freedom
came walking.

Charles McClain

PROJECT NAME: STATE STREET 700-800 BLOCK & LIBRARY MALL
PROJECT LOCATION: MADISON, WISCONSIN
GRANITE STREET FORM TYPE G
FRONT ANGLED FACE WITH TEXT
STONE COLOR AND FINISH: MESABI BLACK - DIAMOND 10/ RUB & SAND
FONT STYLE: GARAMOND SEMI-BOLD
FONT HEIGHTS: 3/4" & 1/2"
FONT TREATMENT: SB INC1/32" DEEP IN SMOOTH FINISHED FACE SURFACE

1 #6 - PARK STREET GRANITE FORM G (MESABI BLACK) - McCLAIN
1/2"=1"

JILL SEBASTIAN
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414-975-5464 jillsebastian@miad.edu

Chosen by them to live in another land,
I offer my words.
Their voices name each petal,
each leaf vein through me.

Kyoko Mori

PROJECT NAME: STATE STREET 700-800 BLOCK & LIBRARY MALL
PROJECT LOCATION: MADISON, WISCONSIN
GRANITE STREET FORM TYPE G
FRONT ANGLED FACE WITH TEXT
STONE COLOR AND FINISH: CHARCOAL GREY - DIAMOND 10/ RUB & SAND
FONT STYLE: GARAMOND SEMI-BOLD
FONT HEIGHTS: 3/4" & 1/2"
FONT TREATMENT: SB INC1/32" DEEP IN SMOOTH FINISHED FACE SURFACE

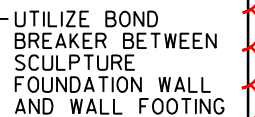
1 #8 - PARK STREET GRANITE FORM G (CHARCOAL GREY) - KYOKO MORI
1/2"=1"

REVISED 7-16-14 - UPDATED LEAF BASE



SECTION B-B

- 1 CAST-IN-PLACE CONCRETE WALL AROUND LEAF SCULPTURE FOUNDATION DETAIL
S45 SCALE: NONE



SECTION A-A



PLAN VIEW

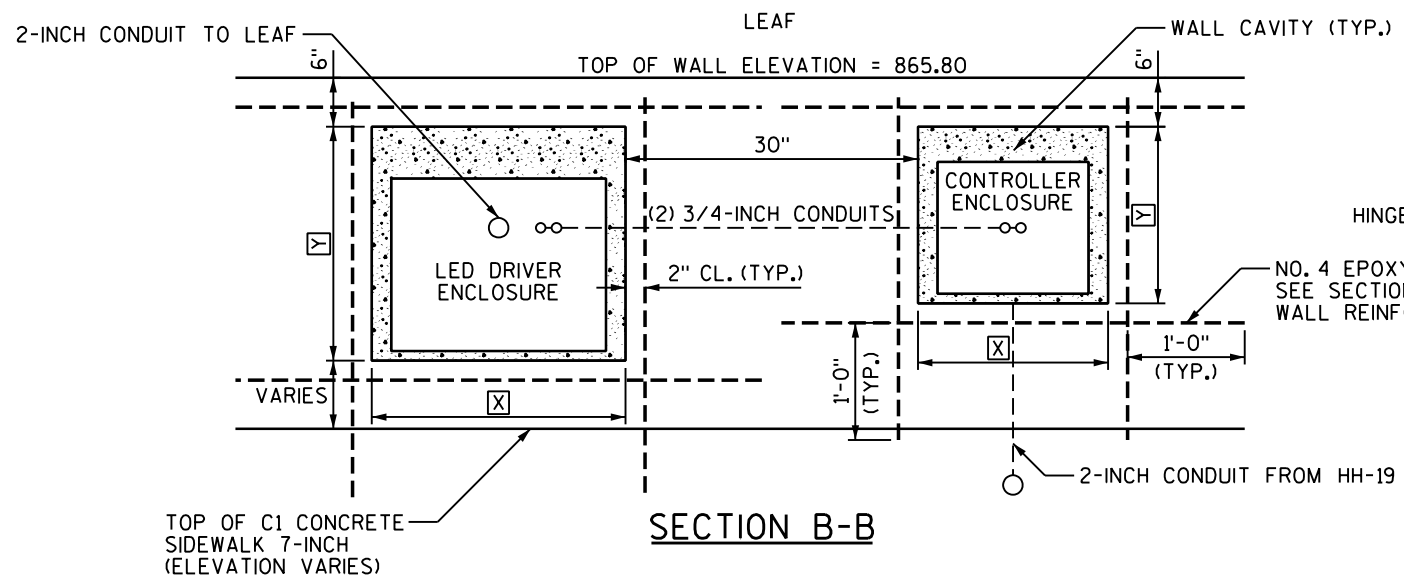
S45 SCALE: NONE

PLOT SCALE:

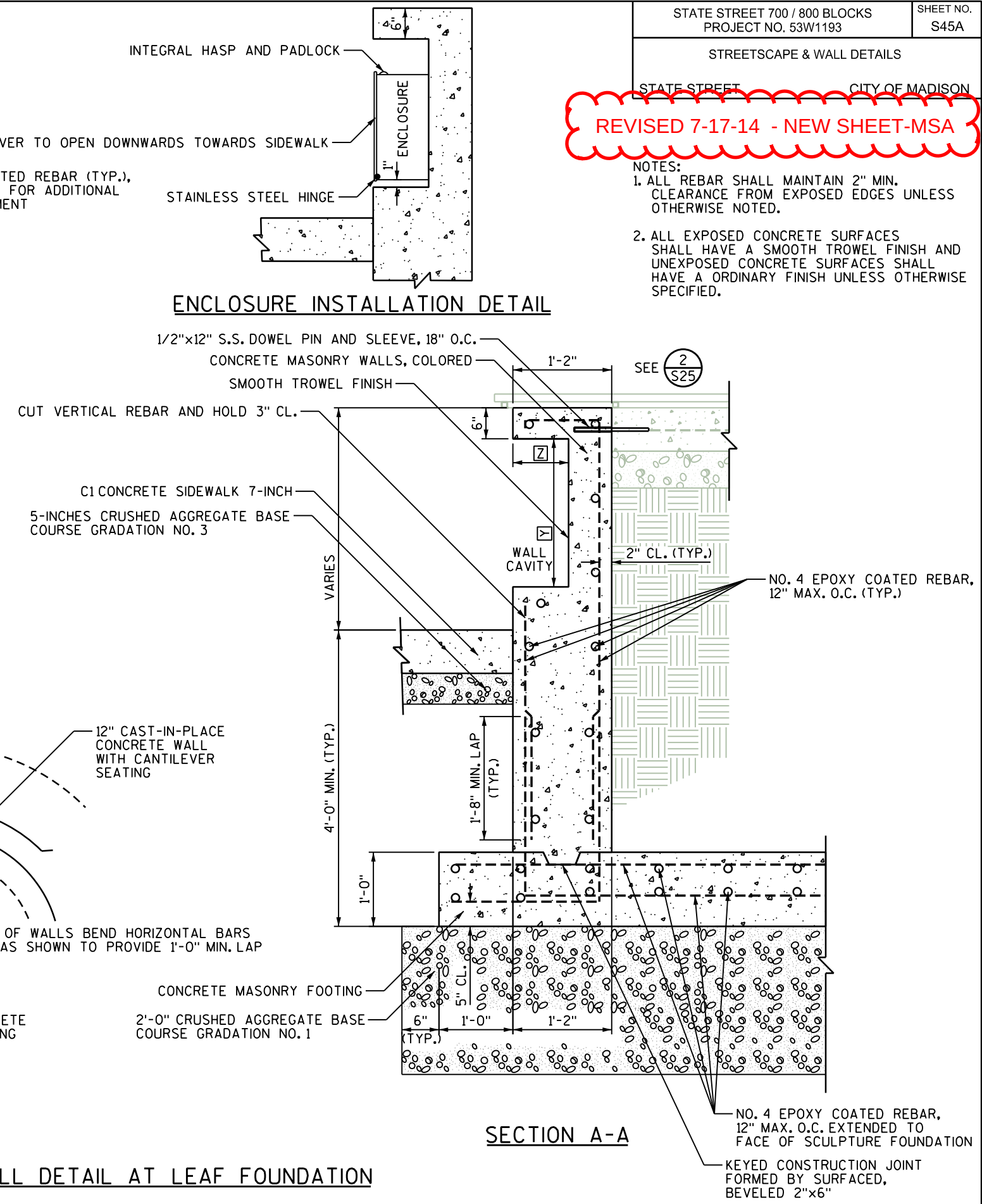
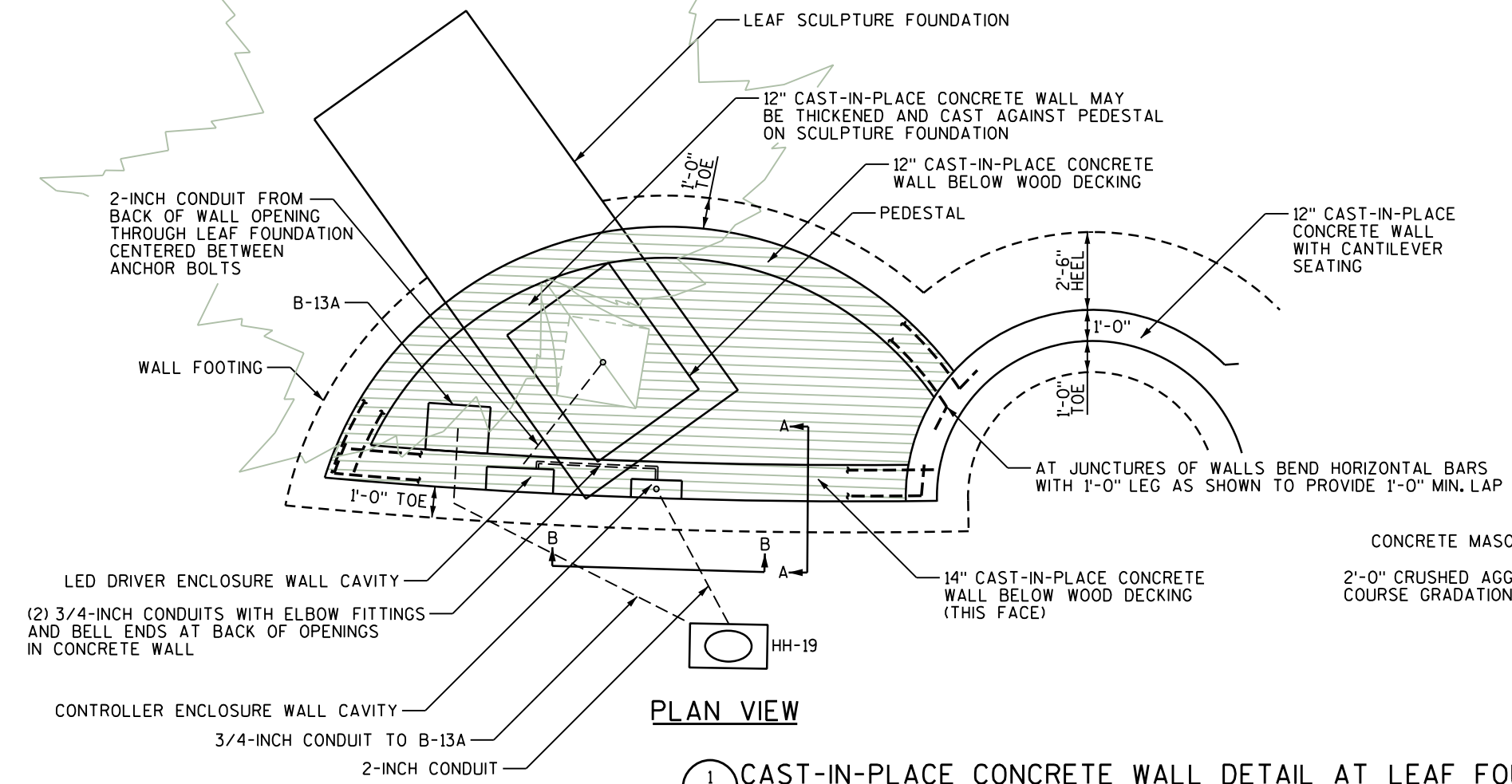
PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



WALL CAVITY DIMENSIONS			
DESCRIPTION	X	Y	Z
LED DRIVER ENCLOSURE	26"	24"	9"
CONTROLLER ENCLOSURE	19.5"	18.5"	7"



<u>CONCRETE STRENGTHS:</u>	
FOOTINGS	$f_c = 3000$ psi
PIERS	$f_c = 4000$ psi
<u>REINFORCING STEEL STRENGTHS:</u>	
BARS (ASTM A 615, grade 60)	$F_y = 60,000$ psi
<u>STRUCTURAL STEEL STRENGTHS:</u>	
ANCHOR RODS (ASTM F1554, GR 105)	A490
SQUARE HSS SECTIONS (LEAF - STAINLESS STEEL S3316)	$F_y = 36,000$ psi
SQUARE HSS SECTIONS (BASE TAPERED COLUMN-STAINLESS STEEL GR420)	$F_y = 50,000$ psi

DESIGN CODE:
2011 WISCONSIN COMMERCIAL BUILDING CODE
INTERNATIONAL BUILDING CODE 2006 (IBC)

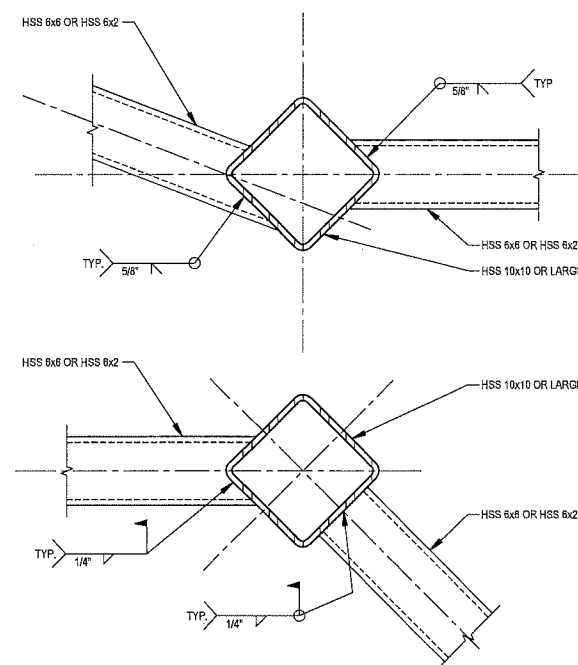
WIND LOAD INFORMATION:

BASIC WIND SPEED	90 MPH
WIND LOAD IMPORTANCE FACTOR (I _w)	1.00
WIND EXPOSURE	B

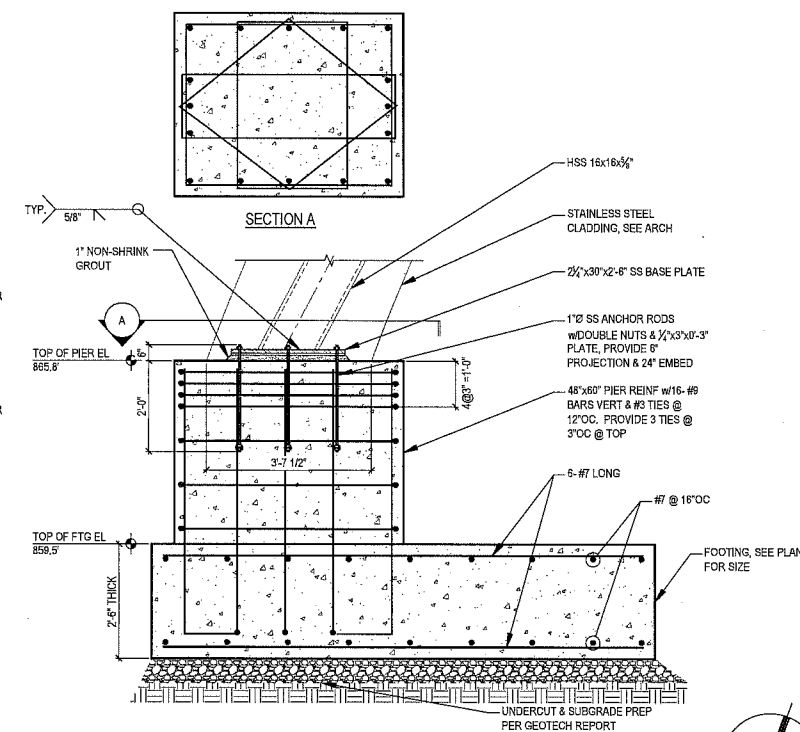
GROUND SNOW LOAD (Pg)	30 psf
SNOW EXPOSURE FACTOR (Ce)	1.00
SNOW LOAD IMPORTANCE FACTOR (Is)	1.00
THERMAL FACTOR (Ct)	1.2
FLAT ROOF SNOW LOAD (Pf)	25 psf

SHEET NO.
SD1

CITY OF MADISON



3 RECOMMENDED TYPICAL DETAILS
ST-8 SCALE: NTS

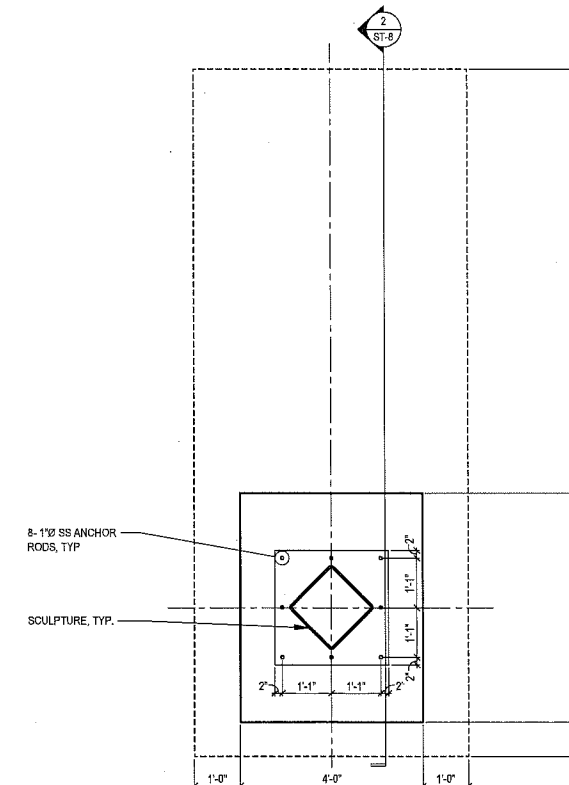


2
ST-8

SCULPTURE FOUNDATION DETAIL

SCALE: 1/2" = 1'-0"

NOTE:
1. COORDINATE WITH ELECTRICAL CONTRACTOR REGARDING SIZE
 & LOCATION OF CONDUITS IN THE PIER



1 SCULPTURE FOUNDATION PLAN
ST.8 SCALE: 1/2" = 1'-0"




06-30-2014

CONSTRUCTION OF CONCRETE
FOUNDATION (DETAILS 1 AND 2) BY
OTHERS UNDER CITY CONTRACT 7206.



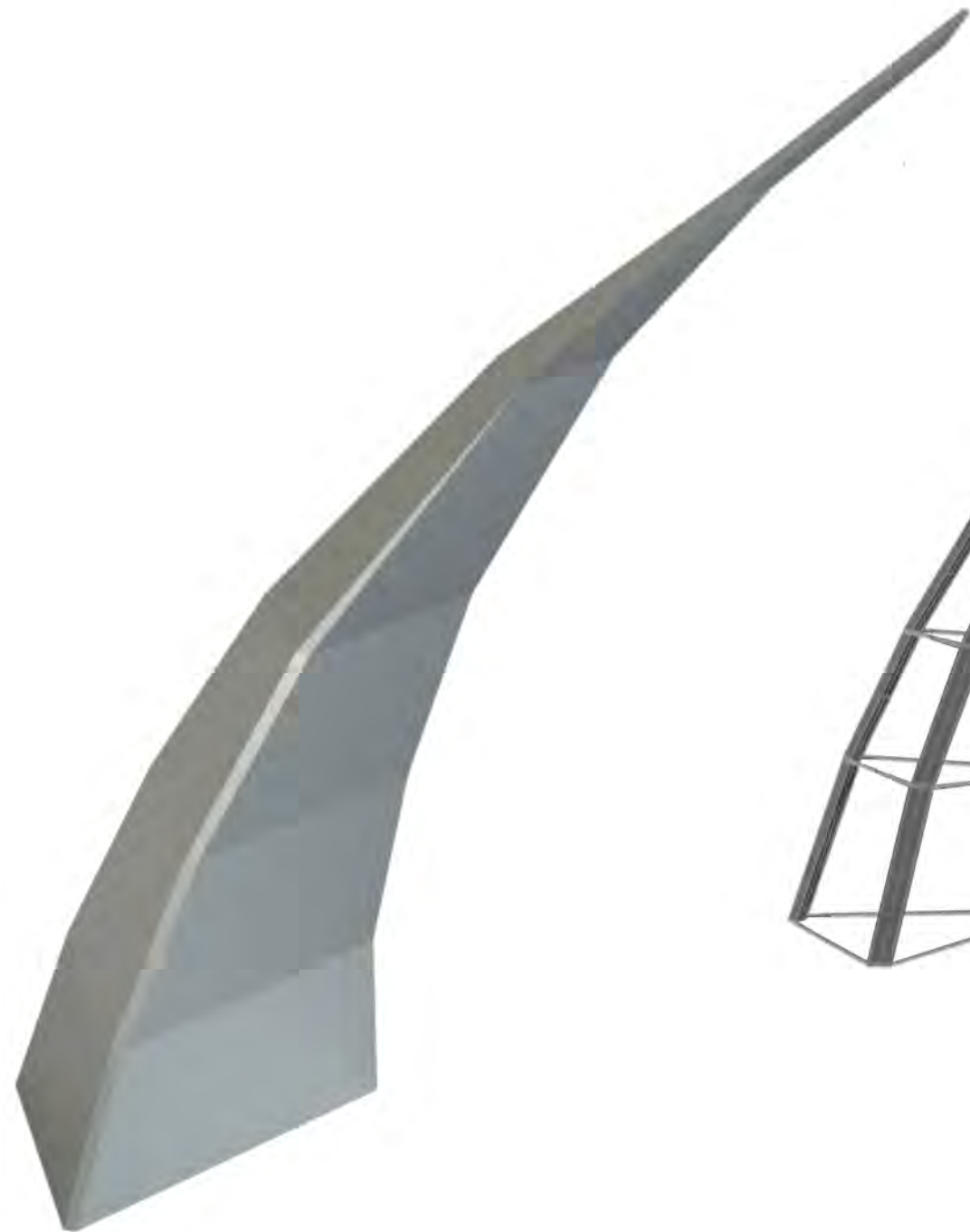
PIERCE ENGINEERS INC
CONSULTING STRUCTURAL ENGINEERS
241 N. Broadway Ave., Suite 500 | Milwaukee, WI 53207
Phone: 414.278.6050 | Fax: 414.278.6061
PE PROJECT 14016

PLOT SCALE:

PLOT NAME:

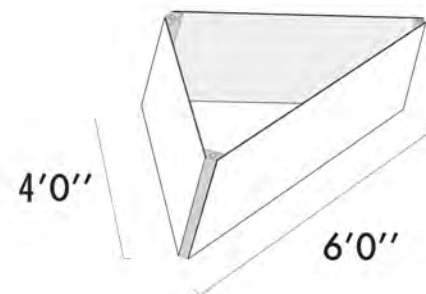
REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



17'4"

14'6"



4'0"

6'0"



1 LEAF SCULPTURE BASE
no scale

2 LEAF SCULPTURE BASE
1/4"=1'0"

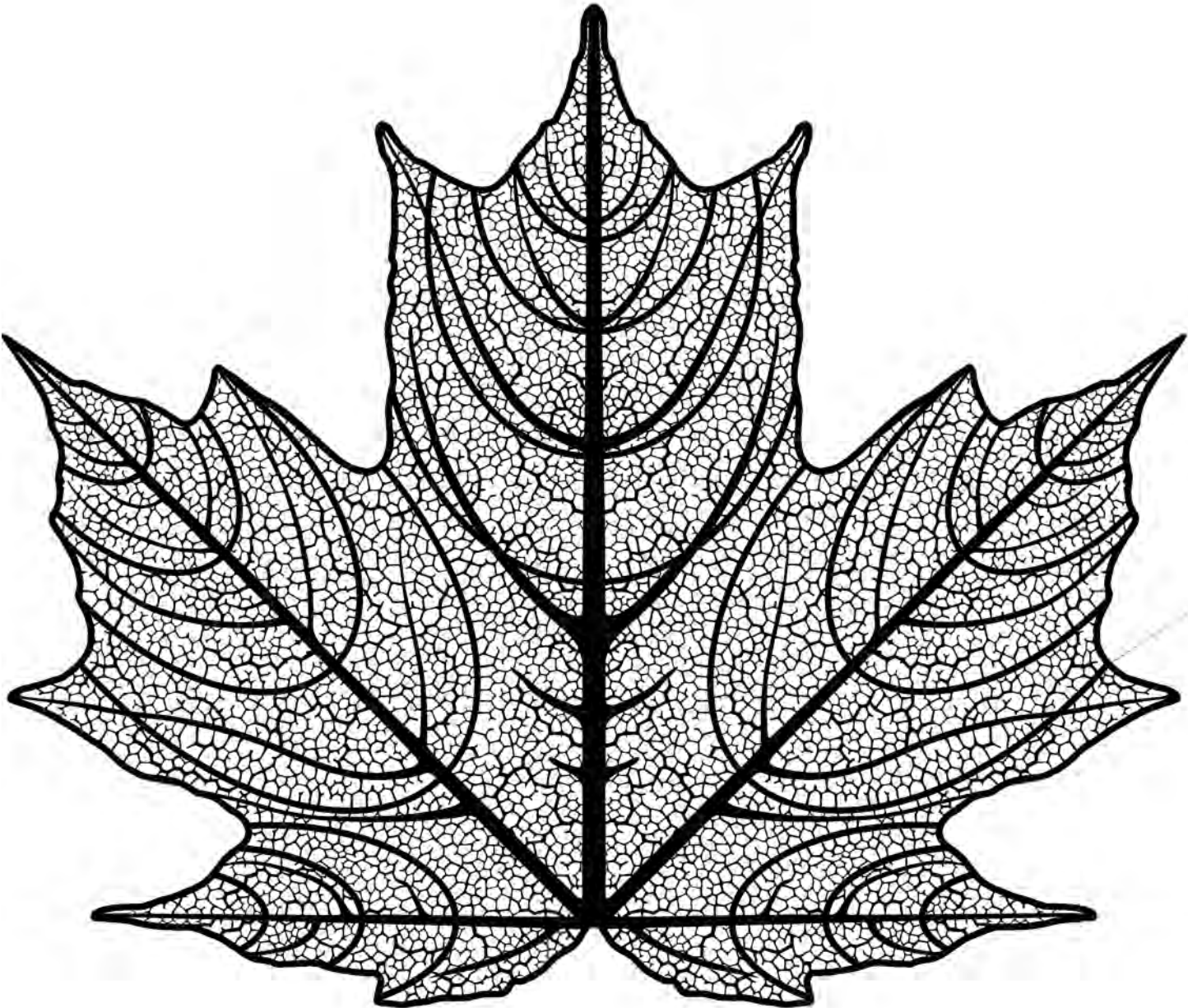
JILL SEBASTIAN

516 West National Avenue Milwaukee, WI 53204
414-975-5464 jillsebastian@miad.edu

SUBJECT TO FINAL ENGINEERING REVIEW

30 feet

25.5
feet



1/4" lazer cut stainless steel
vector files provided by artist

1 LEAF PATTERN
1/4" = 1'-0"

JILL SEBASTIAN
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414-975-5464 jillsebastian@miad.edu

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

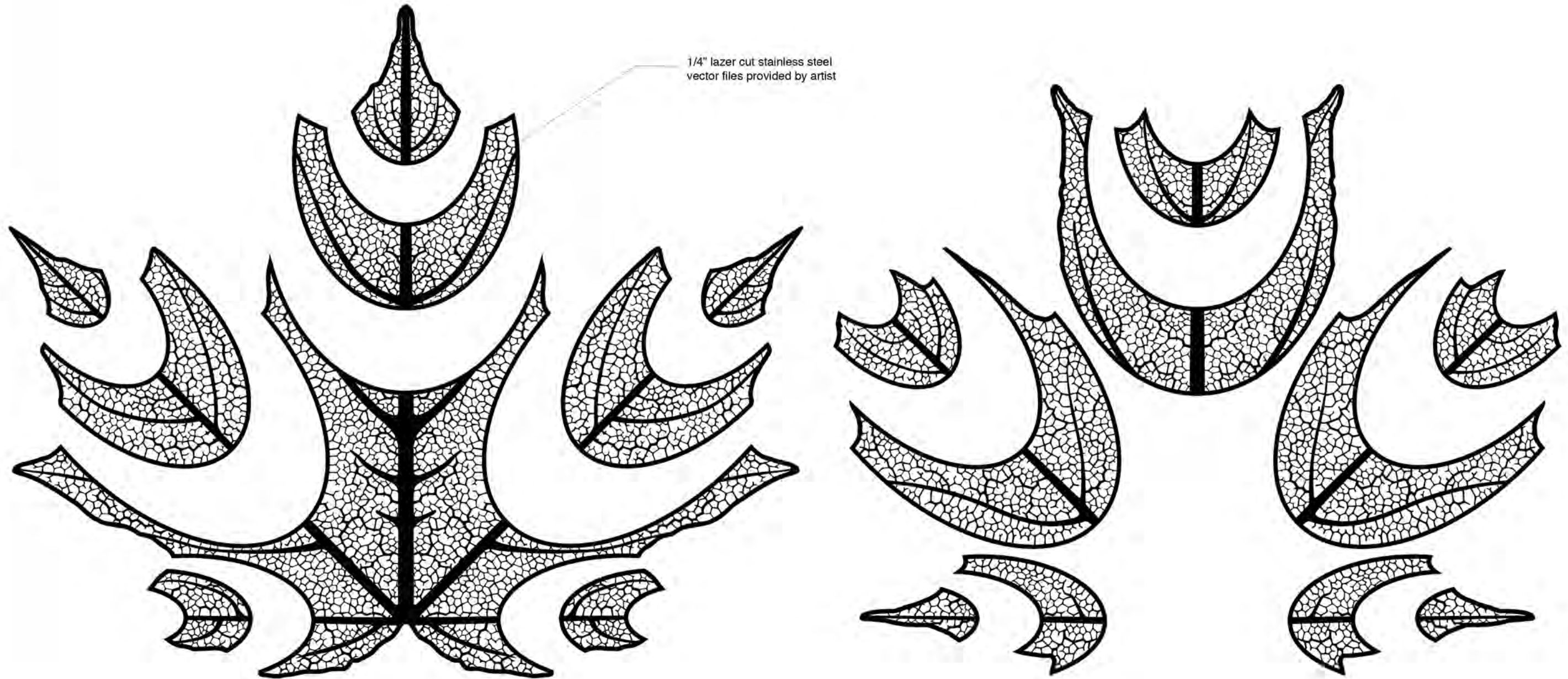
PLOT SCALE

PLOT NAME

REV. DATE

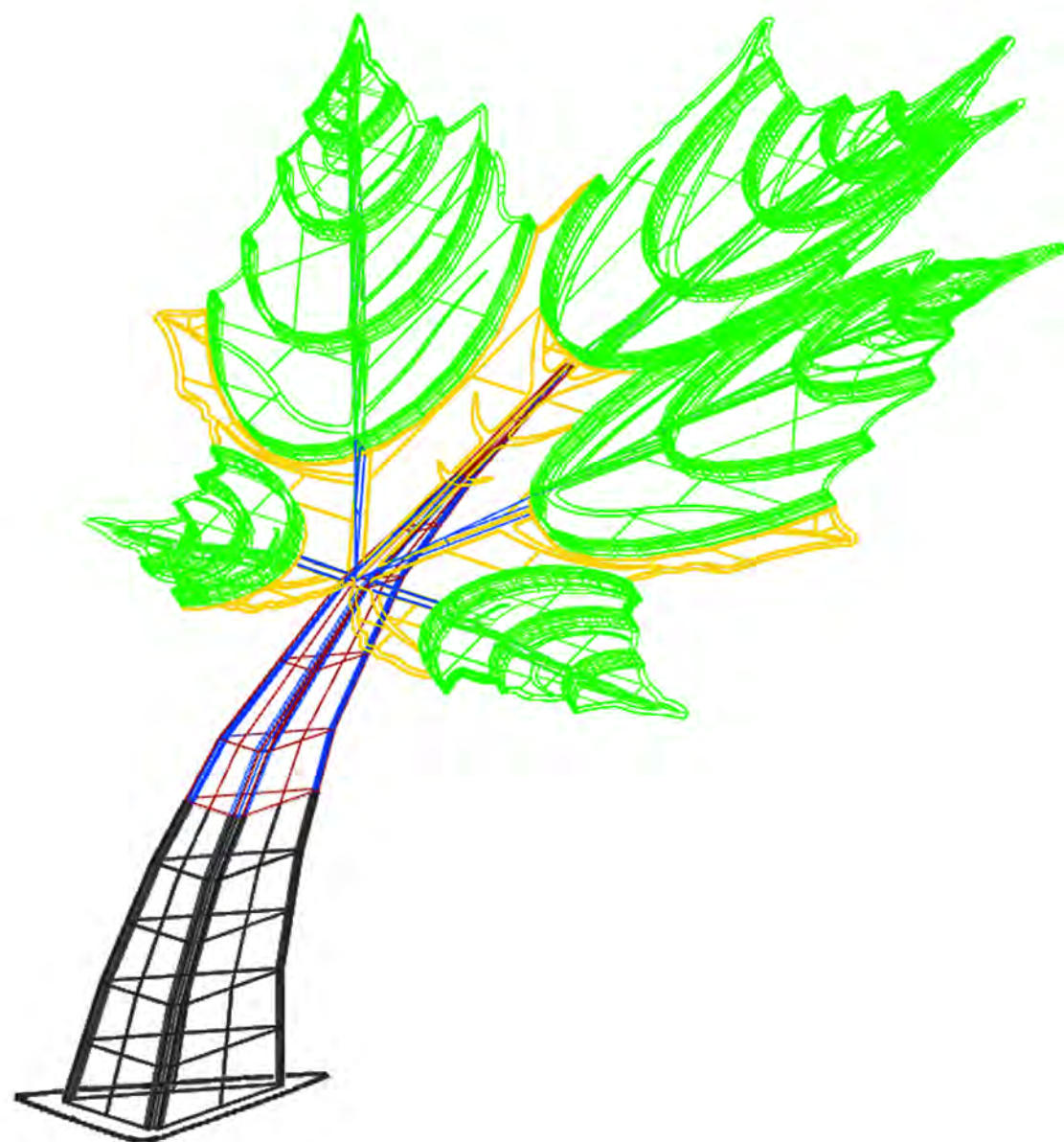
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

1/4" lazer cut stainless steel
vector files provided by artist



1 LEAF PATTERN IN PARTS
1/4" = 1'-0"

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516 West National Avenue Milwaukee, WI 53204
414-975-5464 jillsebastian@miad.edu

JILL SEBASTIAN516 West National Avenue Milwaukee, WI 53204
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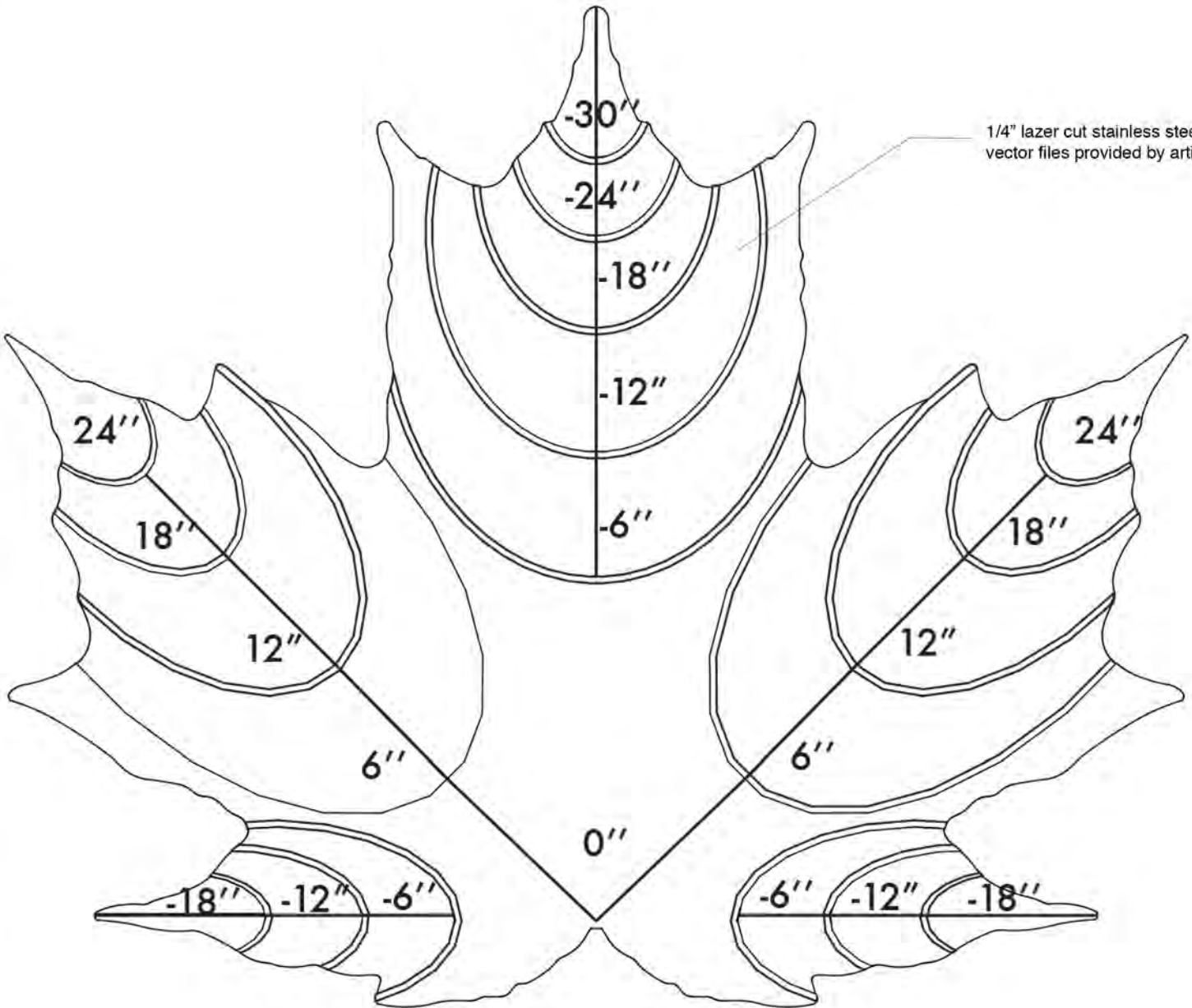
The LEAF sculpture will arrive on site in 8 sections:

- 1-2 BASE - The base will be in 2 parts, the bottom (black) with a flange, the upper section (blue/red) with 5 beams to support the leaf. They will be welded together on site, lifted by crane, then bolted onto the foundation.
- 3 LEAF center (orange)
- 4-7 5 NODES - The five nodes of the LEAF (green) will arrive pre-assembled including lighting units before being shipped, then welded to the center section (orange) on site. The whole leaf once assembled will be lifted by crane onto the base, where it will be bolted to brackets to hold it in place until welded. (total height approximately 25').

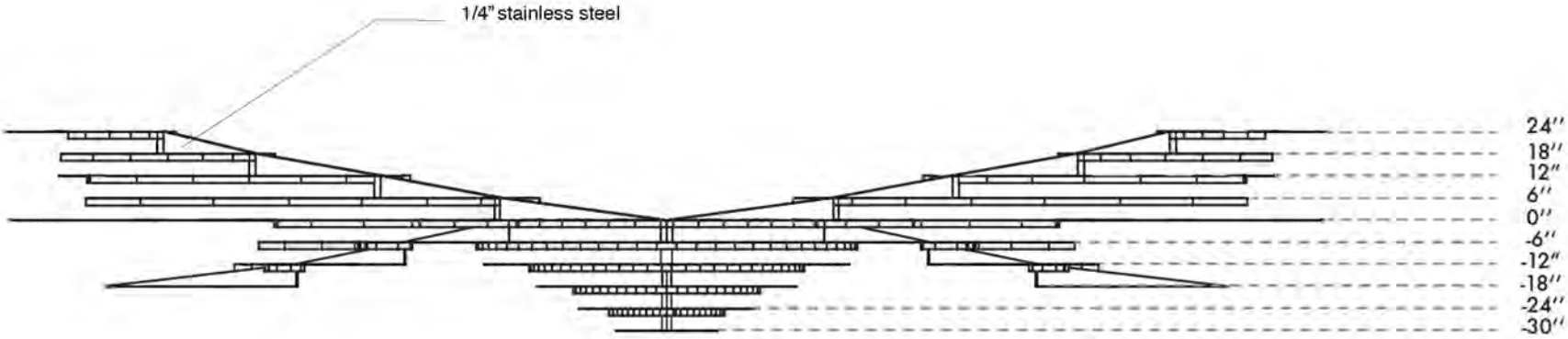
The lighting units, prewired into the NODE assemblies, will be connected to the transformers and source on site through an access panel in the BASE.

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25'3"



1 LEAF SCULPTURE - LEAF IN PLAN
1/4"=1'0"

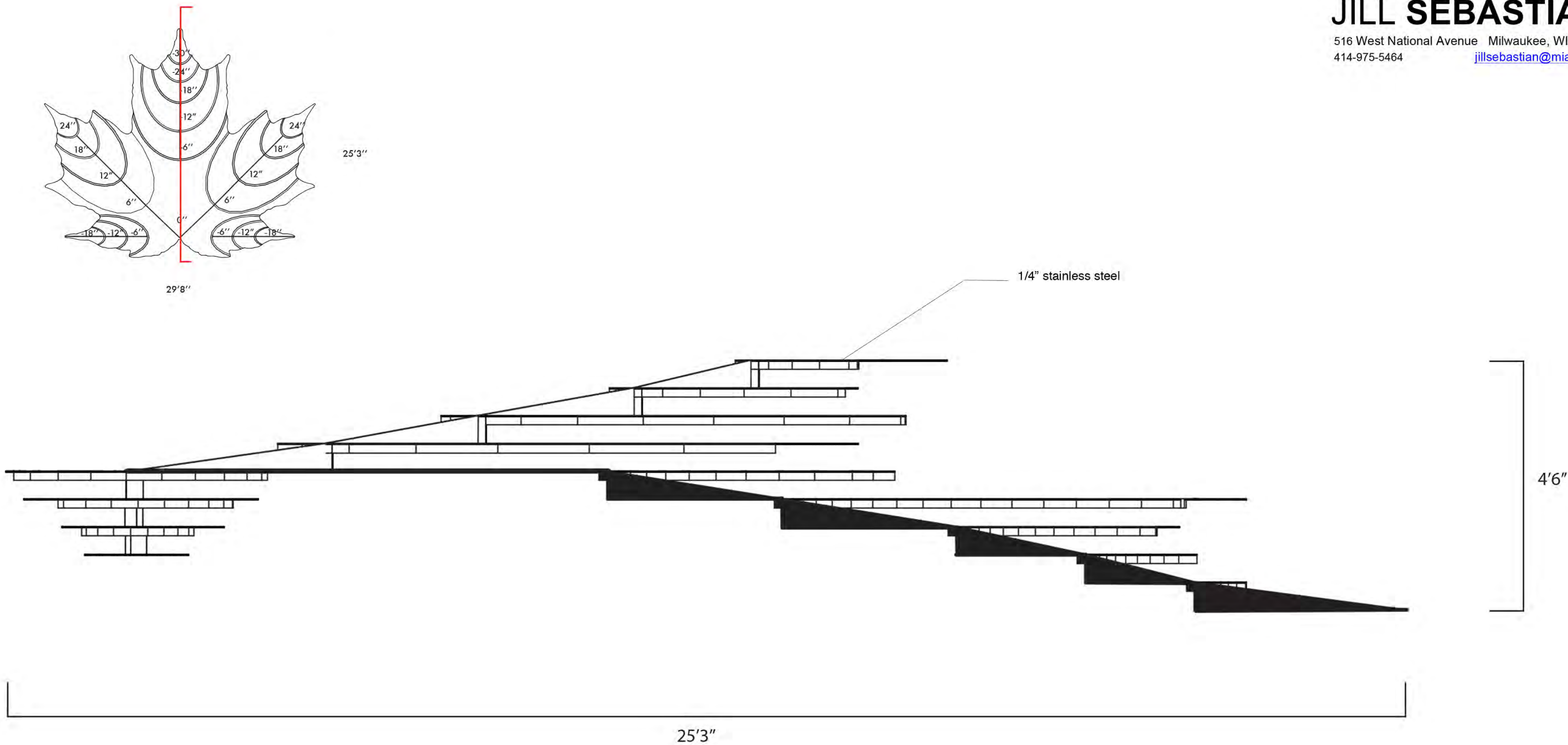
2 LEAF SCULPTURE - LEAF IN ELEVATION
1/4"=1'0"

SUBJECT TO FINAL ENGINEERING REVIEW

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

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1 LEAF SCULPTURE - LEAF SECTION
1/2"=1'0"

SUBJECT TO FINAL ENGINEERING REVIEW

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

JILL SEBASTIAN

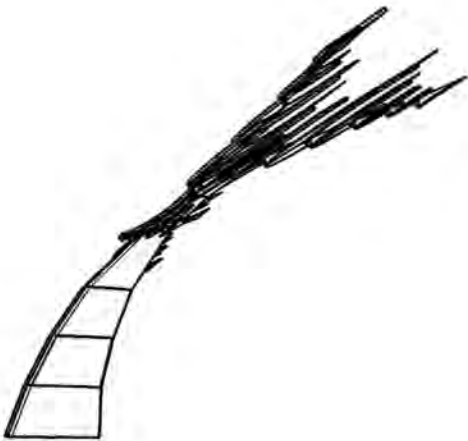
516 West National Avenue Milwaukee, WI 53204
414-975-5464 jillsebastian@miad.edu



TOP



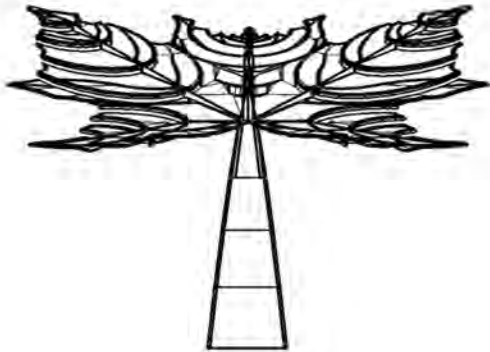
BOTTOM



SIDE



FRONT



BACK

PLOT SCALE:

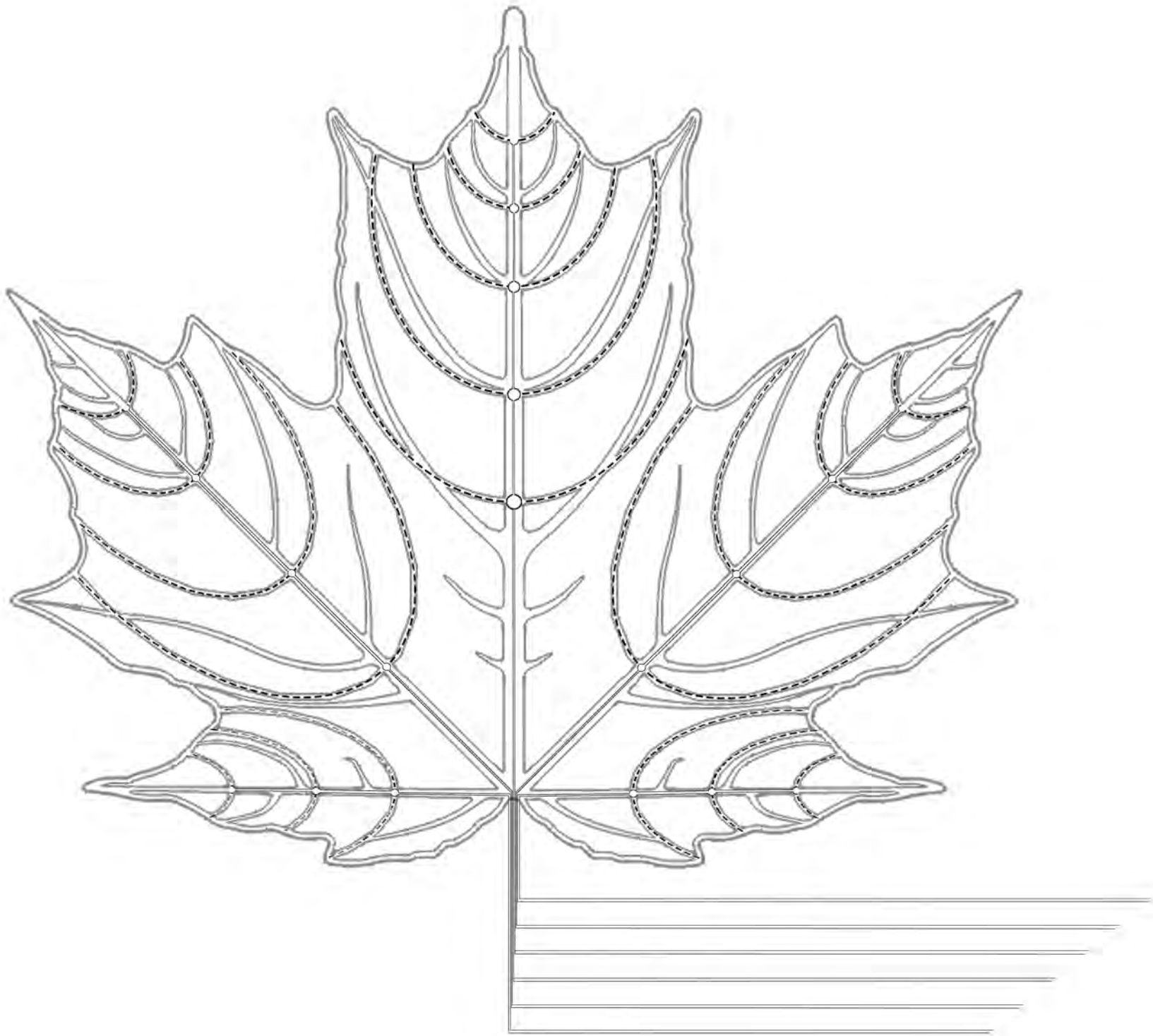
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REV. DATE:

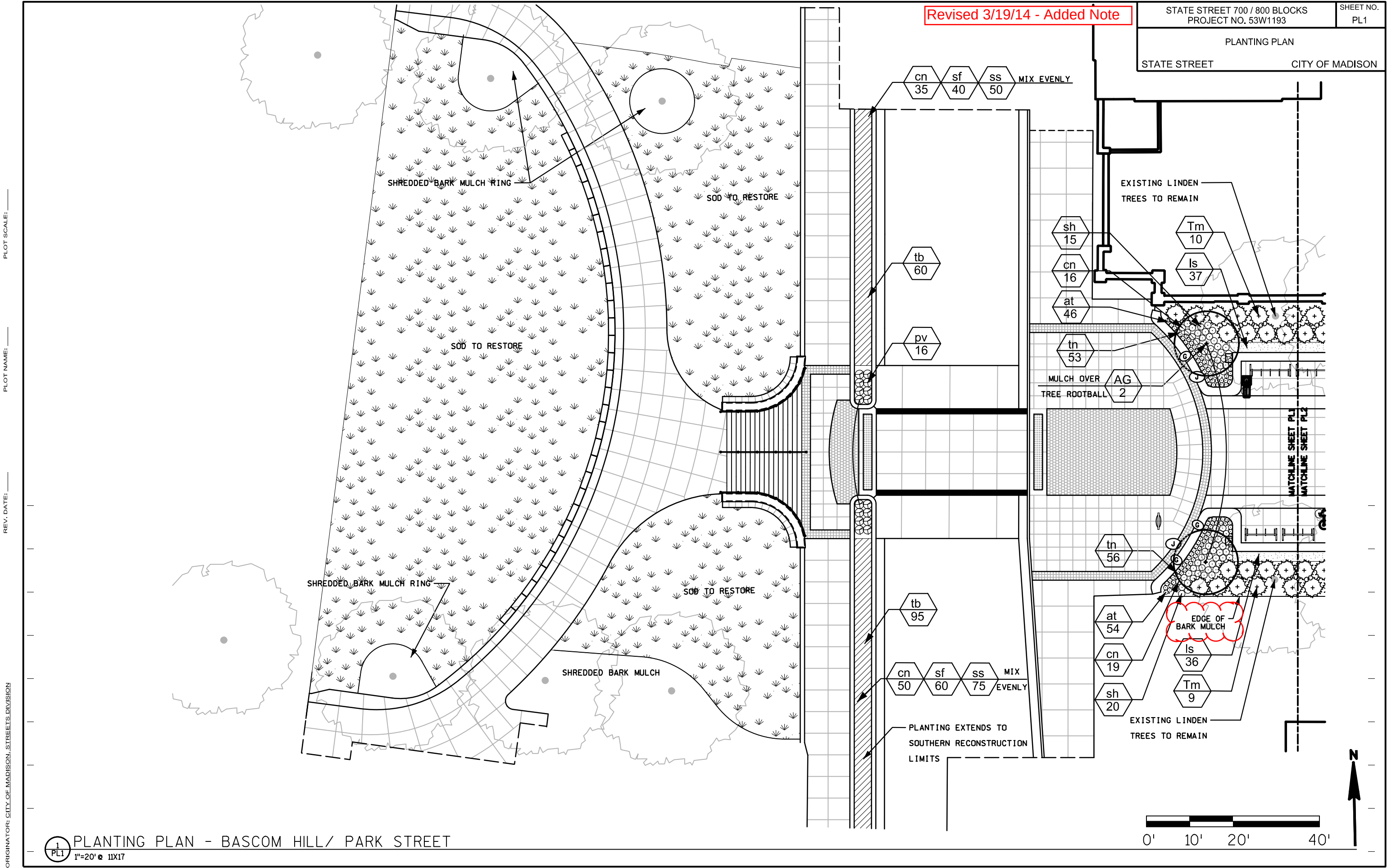
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- | | | |
|----|------|---|
| 16 | NORA | NUTP3-16LEDRGB
16' 24V RGB LED Tape Light Roll |
| 7 | NORA | NARGB-760
RGB Controller (with 24V Power Connector) |
| 2 | NORA | NARGB-761
Hand Held Remote |
| 5 | NORA | NARGB-700
Y Splitter Cable |
| 13 | NORA | NARGB-701
X Splitter Cable |
| 13 | NORA | NARGB-772
72" Interconnection Cable |
| 32 | NORA | NATL-403
End Cap |
| 7 | NORA | NARGB-763
30' 24V RGB Controller Power Connector |
| 3 | NORA | NMT-303/24C2D1
24V, 300W (3 x 100W Breakers) C2 Hardwire Magn. Driver w/
Regulator for Constant Current & Voltage |



Revised 3/19/14 - Added Note

STATE STREET 700 / 800 BLOCKS
PROJECT NO. 53W1193
SHEET NO. PL1
PLANTING PLAN
STATE STREET CITY OF MADISON

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

1 PL1 PLANTING PLAN - BASCOM HILL/ PARK STREET
1"=20' @ 11X17

FILE NAME: \$\$...designfile...\$\$

DATE: \$\$...plottingdate...\$\$

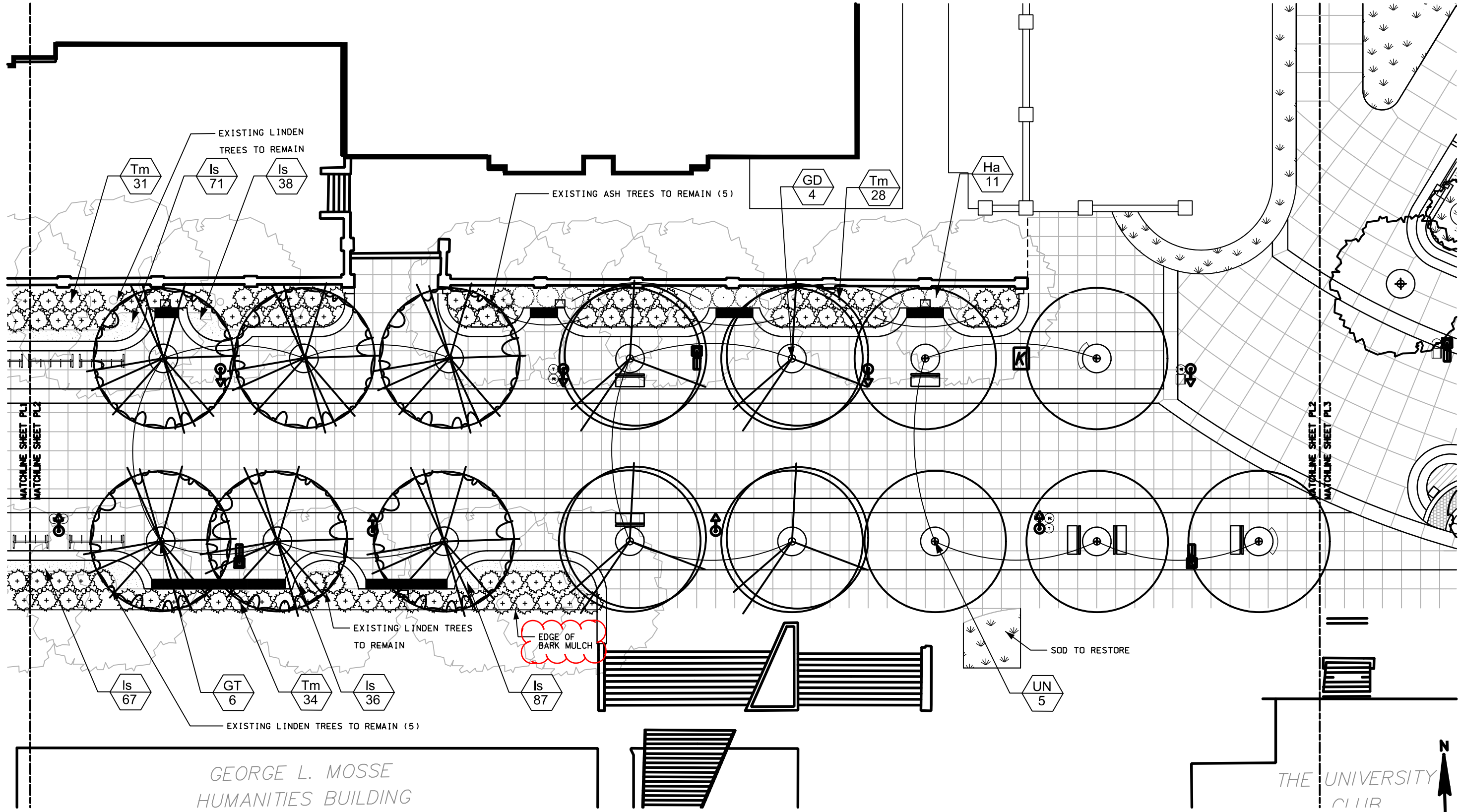
Revised 3/19/14 - Added Note

PLOT SCALE: _____

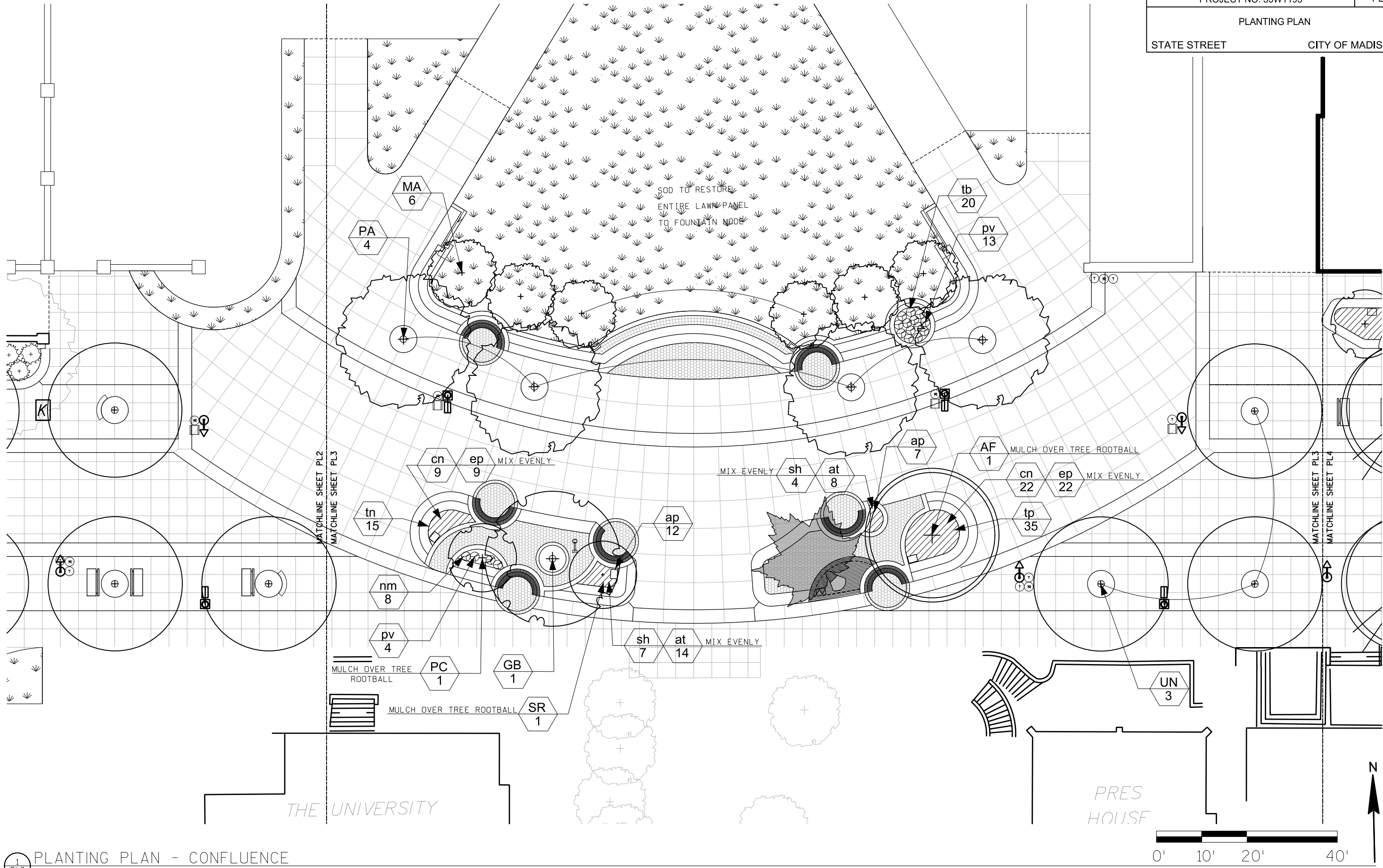
PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



1 PLANTING PLAN - 800 BLOCK
PL2 1"=20' @ 11X17



1 PLANTING PLAN - CONFLUENCE
PL3 1"=20' @ 11X17

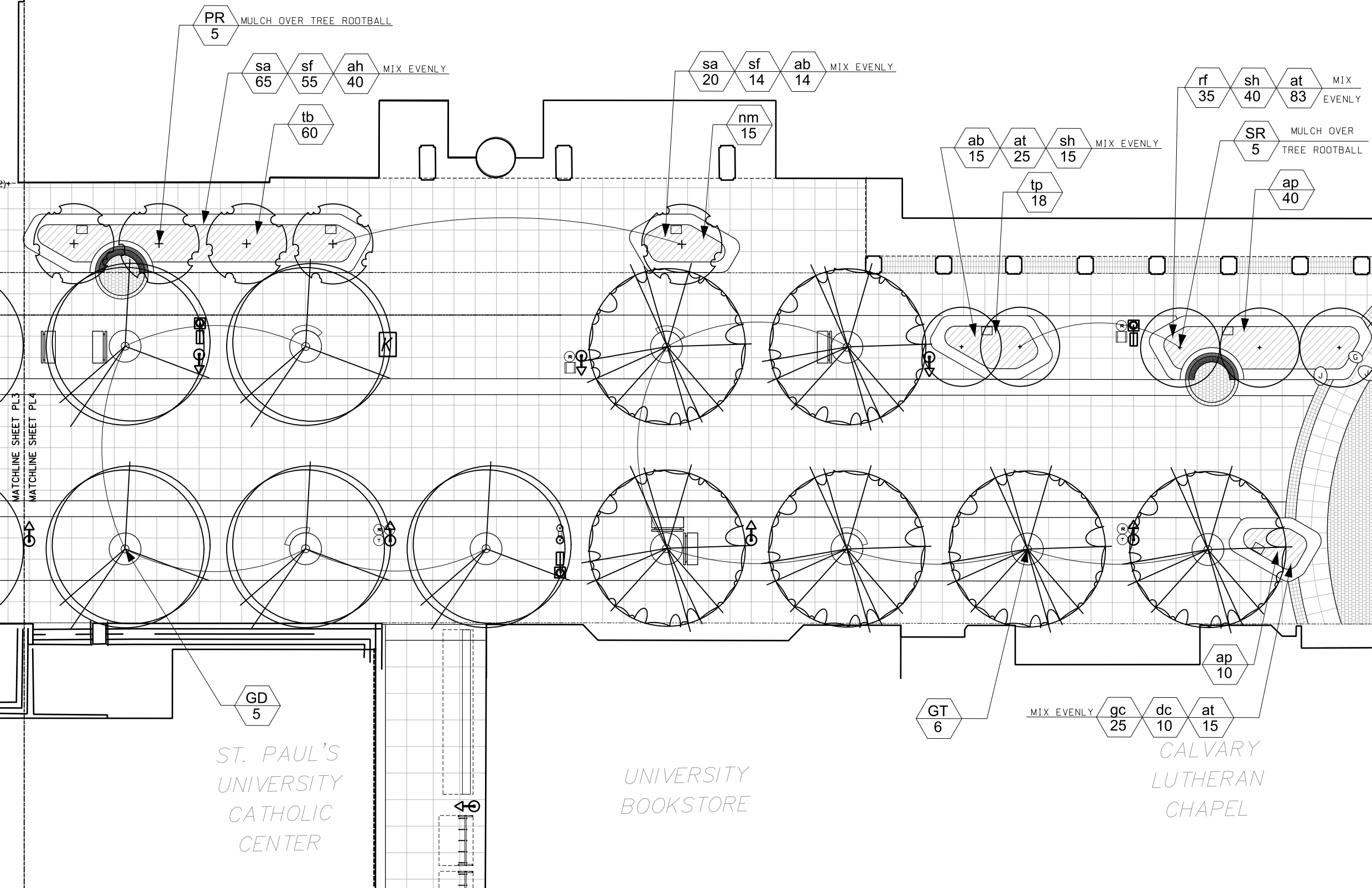
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

REV. DATE: _____

PLOT NAME: _____

PLOT SCALE: _____

MEMORIAL LIBRARY



1 PLANTING PLAN - 700 BLOCK
PL4 1"=20' @ 11X17

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

REV. DATE: _____

PLOT NAME: _____

PLOT SCALE: _____

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

Plant List						
Key	Botanical Name	Common Name	Quantity	Size	Spec	Comments
	Deciduous Trees					
AF	<i>Acer x freemanii</i> 'Sienna'	Sienna Glenn Freeman Maple	1	3.5" cal.	B&E	Single, straight leader; match specimens; branching shall start at 7'-0" min.
GB	<i>Ginkgo biloba</i> 'Autumn Gold'	Autumn Gold Ginkgo	1	3.5" cal.	B&E	Single, straight leader; match specimens; branching shall start at 7'-0" min.
GT	<i>Gleditsia triacanthos</i> var. <i>inermis</i> 'Skyline'	Skyline Thornless Honeylocust	12	3.5" cal.	B&E	Single, straight leader; match specimens; branching shall start at 7'-0" min.
GD	<i>Gymnocladus dioica</i> var. <i>Espresso</i>	Kentucky Coffee Tree	9	3.5" cal.	B&E	Single, straight leader; match specimens; branching shall start at 7'-0" min.
PA	<i>Platanus x acerifolia</i> 'Morton Circle'	Exclamation London Planetree	4	3.5" cal.	B&E	Single, straight leader; match specimens; branching shall start at 7'-0" min.
UN	<i>Ulmus</i> 'New Horizon'	New Horizon Elm	7	3.5" cal.	B&E	Single, straight leader; match specimens; branching shall start at 7'-0" min.
	Ornamental Trees					
AG	<i>Amelanchier x grandiflora</i> 'Autumn Brilliance'	Autumn Brilliance Serviceberry	2	3" cal.	B&E	Multistem, min. 3 leaders; well-developed crown; no overlapping leaders
MA	<i>Malus</i> 'Adams'	Adams Crabapple	6	3" cal.	B&E	Single, straight leader; match specimens; branching shall start at 4'-0" min.
PR	<i>Prunus</i> 'Accolade'	Accolade Flowering Cherry	5	3" cal.	B&E	Single, straight leader; match specimens; branching shall start at 4'-0" min.
PC	<i>Pyrus calleryana</i> 'Cleveland Select'	Cleveland Slect Callery Pear	1	3" cal.	B&E	Single, straight leader; match specimens; branching shall start at 4'-0" min.
SR	<i>Syringa reticulata</i> subsp. <i>Pekinensis</i>	Peking Lilac	7	3" cal.	B&E	Single, straight leader; match specimens; branching shall start at 4'-0" min.
	Deciduous Shrubs					
Ha	<i>Hydrangea arborescens</i> 'Abetwo'	Incrediball Smooth Hydrangea	11	5 gal.	B&E	Space 4'-0" o.c.
	Evergreen Shrubs					
Tm	<i>Taxus x media</i> 'Tauntonii'	Taunton Yew	101	5 gal.	B&E	Space 5'-0" o.c.
	Perennials/Grasses					
ab	<i>Agastache</i> x 'Blue Fortune'	Blue Fortune Anise Hyssop	29	1 gal.	Cont.	Space 12" o.c.
ah	<i>Amsonia hubrichtii</i> 'Halfway to Arkansas'	Narrow Leaf Blue Star	40	1 gal.	Cont.	Space 30" o.c.
at	<i>Allium tanguticum</i> 'Summer Beauty'	Summer Beauty Ornamental Chive	245	1 gal.	Cont.	Space 12" o.c.
cn	<i>Calamintha nepeta</i> 'Montrose White'	Montrose White Calamint	151	1 gal.	Cont.	Space 18" o.c.
dc	<i>Deschampsia cespitosa</i>	Tufted Hair Grass	10	1 gal.	Cont.	Space 18" o.c.
ep	<i>Echinacea purpurea</i> 'Pixie Meadowbrite'	Pixie Meadowbrite Purple Coneflower	31	1 gal.	Cont.	Space 16" o.c.
gc	<i>Geranium x canabrigiense</i> 'Biokovo Karmina'	Carmine Biokovo Hardy Geranium	25	1 gal.	Cont.	Space 12" o.c.
pv	<i>Panicum virgatum</i> 'Shenandoah'	Shenandoah Switchgrass	33	1 gal.	Cont.	Space 24" o.c.
rf	<i>Rudbeckia fulgida</i> var. <i>sullivantii</i> 'Goldstrum'	Goldstrum Orange Coneflower	35	1 gal.	Cont.	Space 16" o.c.
ss	<i>Schizachyrium scoparium</i> 'The Blues'	The Blues Little Bluestem	125	1 gal.	Cont.	Space 18" o.c.
sf	<i>Sedum</i> 'Autumn Fire'	Autumn Fire Sedum	169	1 gal.	Cont.	Space 16" o.c.
sa	<i>Sesleria autumnalis</i>	Autumn Moor Grass	85	1 gal.	Cont.	Space 18" o.c.
sh	<i>Sporobolus heterolepis</i>	Prairie Dropseed	101	1 gal.	Cont.	Space 18" o.c.
	Groundcovers					
ls	<i>Liriope spicata</i>	Creeping Lily Turf	372	3 1/4"	Cont.	Space 12" o.c.
	Bulbs					
ap	<i>Allium</i> 'Purple Sensation'	Purple Sensation Ornamental Onion	69	12 cm	Bulb	Space bulbs randomly but no less than 12" o.c. and no more than 36" o.c. unless otherwise indicated on plan. Size of bulb by circumference.
nm	<i>Narcissus</i> 'Minnow'	Minnow Daffodil	23	16 cm	Bulb	
tb	<i>Tulipa</i> 'Bastogne'	Bastogne Tulip	235	12 cm	Bulb	
tn	<i>Tulipa</i> 'Negrita'	Negrita Tulip	124	12 cm	Bulb	
tp	<i>Tulipa</i> 'Prinses Irene'	Prinses Irene Tulip	53	12 cm	Bulb	

STATE STREET 700 / 800 BLOCKS PROJECT NO. 53W1193		SHEET NO. PL5
PLANTING SCHEDULE		
STATE STREET		CITY OF MADISON

STATE STREET 700 / 800 BLOCKS
PROJECT NO. 53W1193

SHEET NO.
PL6

PLANTING DETAILS

STATE STREETCITY OF MADISON

Revised 3/18/14 - Revised Note

NOTES:
1. PLANT EACH TREE SUCH THAT THE BASE OF THE ROOT FLARE IS VISIBLE AT THE TOP OF THE ROOT BALL. DO NOT COVER THE TOP OF THE ROOT BALL WITH SOIL.
2. DEPTH OF THE PLANTING HOLE SHOULD BE DETERMINED AND DUG AFTER THE ROOT FLARE IS LOCATED. PLANTING HOLE MUST BE NO DEEPER THAN THE HEIGHT OF THE ROOT BALL.
3. IF PLANT IS SHIPPED WITH A WIRE BASKET AROUND THE ROOT BALL, CUT AND REMOVE ENTIRE WIRE BASKET. REMOVE ALL TWINE, ROPE, AND BURLAP FROM ROOT BALL PRIOR TO PLANTING.
4. DO NOT PLACE MULCH IN CONTACT WITH TREE TRUNK.
5. PLACE ROOT BALL ON UNEXCAVATED OR TAMPED SOIL.
6. WATER ALL PLANTS WITHIN 2 HOURS OF INSTALLATION.
7. PRUNE ONLY AS NECESSARY TO REMOVE UNHEALTHY BRANCHES. DO NOT REMOVE MORE THAN 1/3 OF THE ORIGINAL PLANT MASS.

2" TYP.

3" DEPTH OF MULCH TO OUTER EDGE OF PLANTING HOLE

PLANTING SOIL

UNDISTURBED GROUND

TAMP SOIL AROUND ROOT BALL BASE FIRMLY WITH FOOT PRESSURE SO THAT BALL DOES NOT SHIFT

TREE PIT WIDTH - 2X BALL DIAMETER MINIMUM

1

PL6

1"=1'-0"

TREE PLANTING

2" TYP.

3" DEPTH OF MULCH TO OUTER EDGE OF PLANTING HOLE

BACKFILL WITH PLANTING SOIL; FREE OF SOIL CLUMPS, ROCKS, AND FOREIGN PARTICLES

UNDISTURBED GROUND

2

PL6

1"=1'-0"

SHRUB PLANTING

BARE ROOT PERENNIAL OR GROUND COVER PLUG, SEE PLANTING PLAN

3" DEPTH SHREDDED HARDWOOD BARK MULCH, KEEP 3" CLEAR OF STEMS

2"

PLANTING SOIL

PREPARED SUBGRADE

3

PL6

1"=1'-0"

PERENNIAL PLANTING

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

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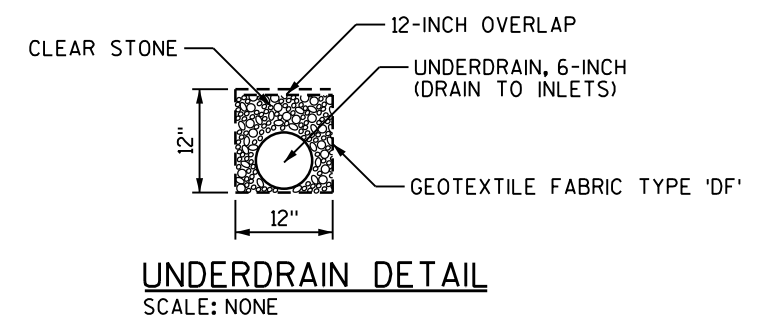
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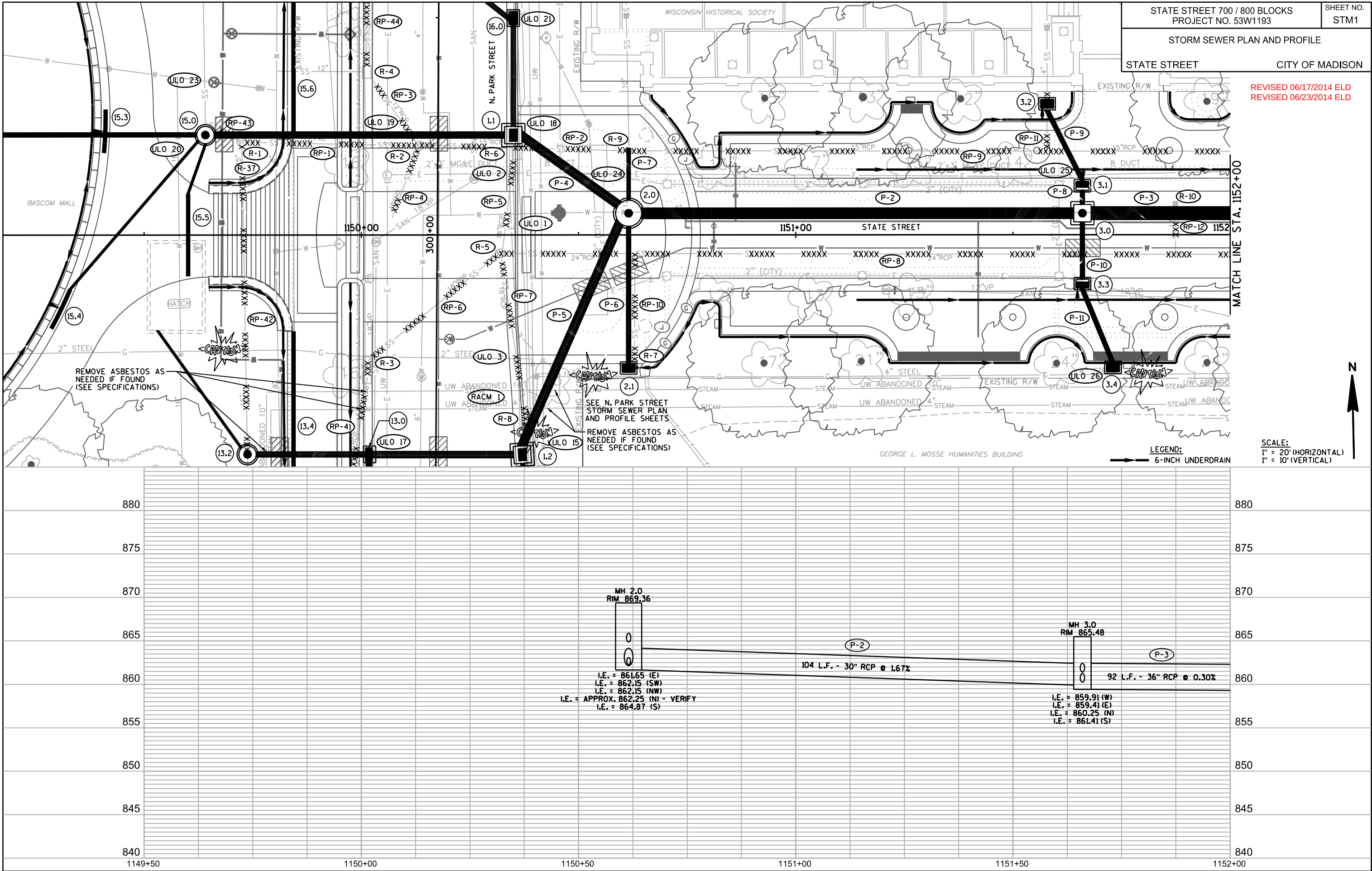
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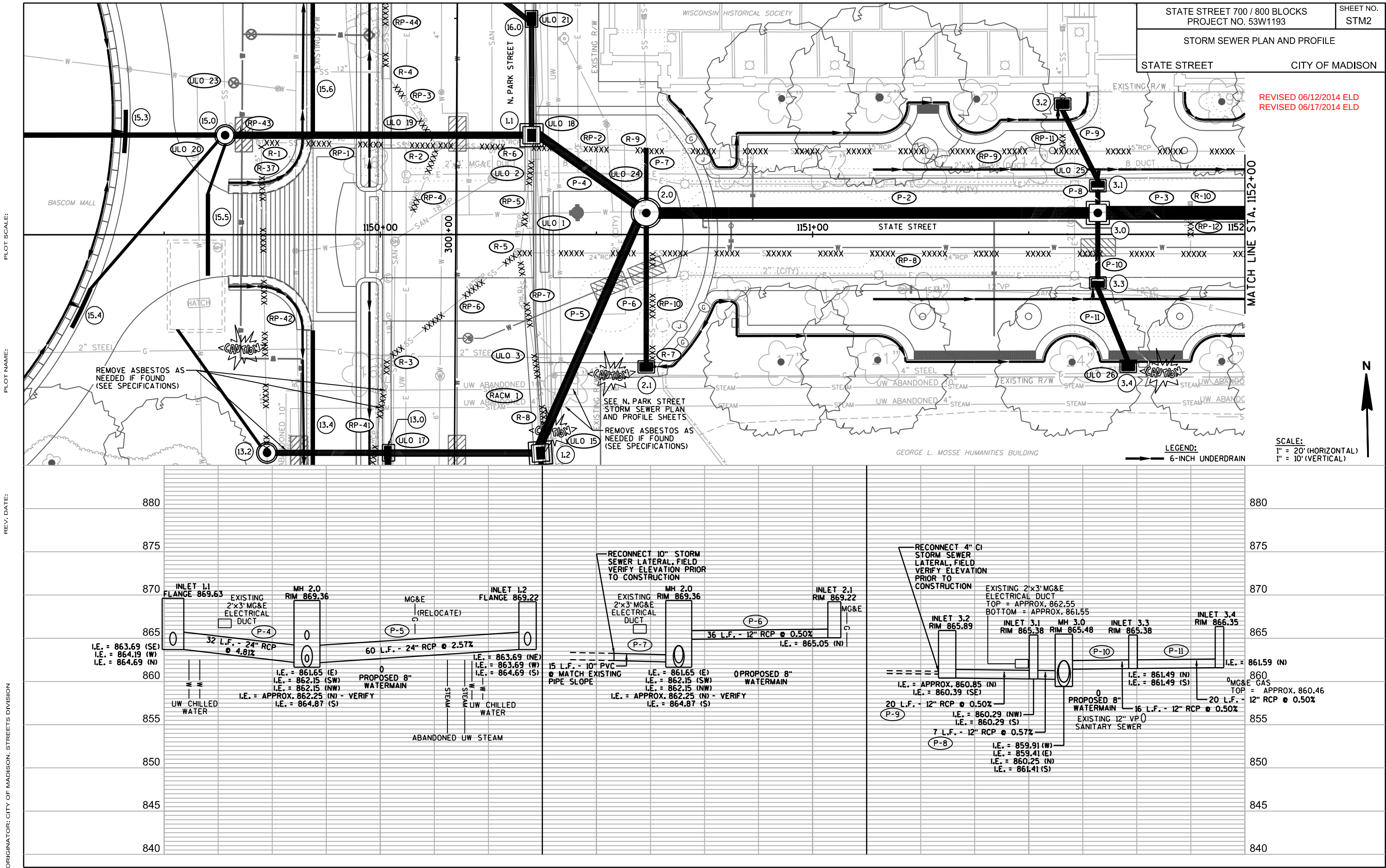
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REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION







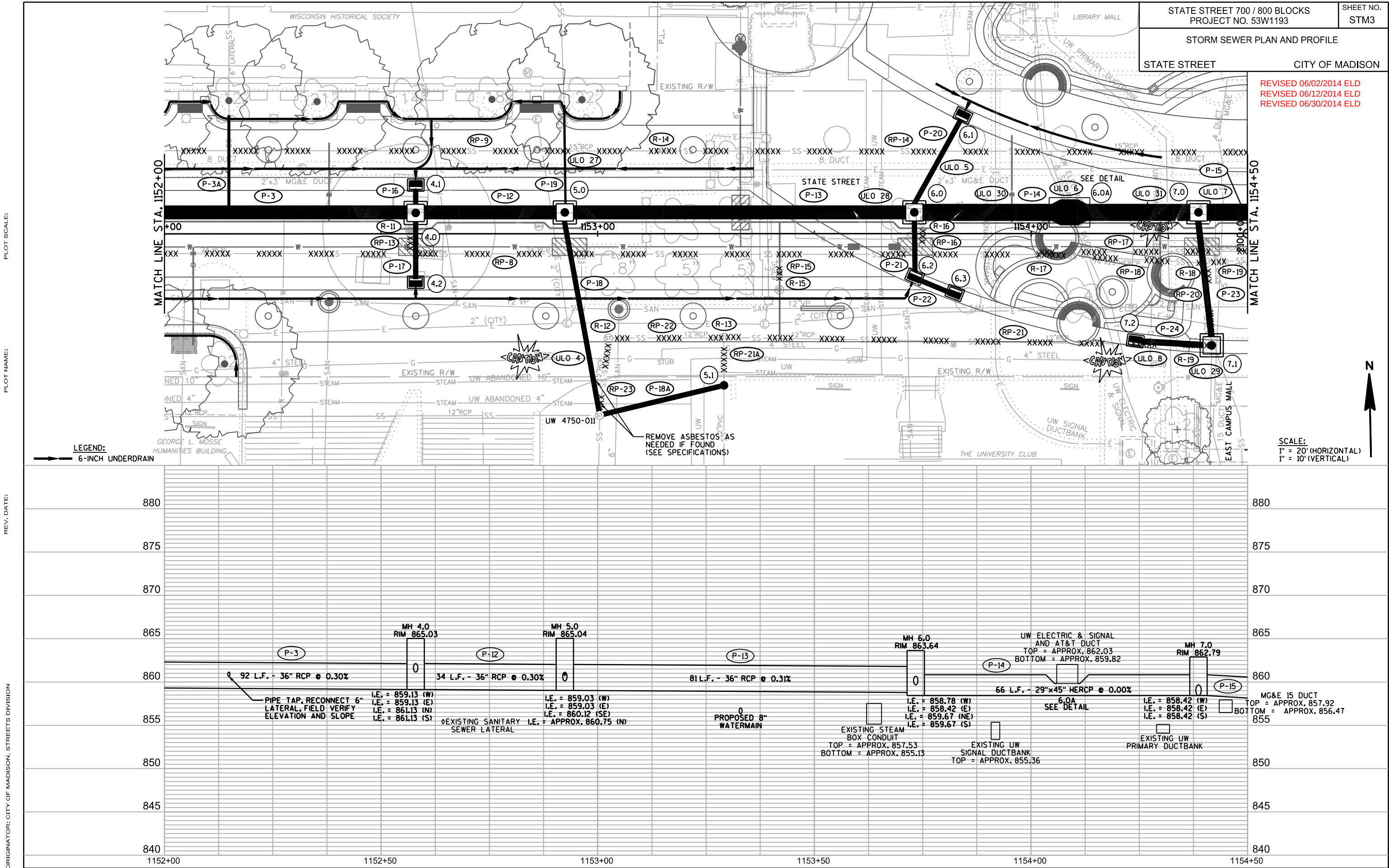
REVISED 06/12/2014 ELD
REVISED 06/17/2014 ELD

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREET'S DIVISION



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REV. DATE:

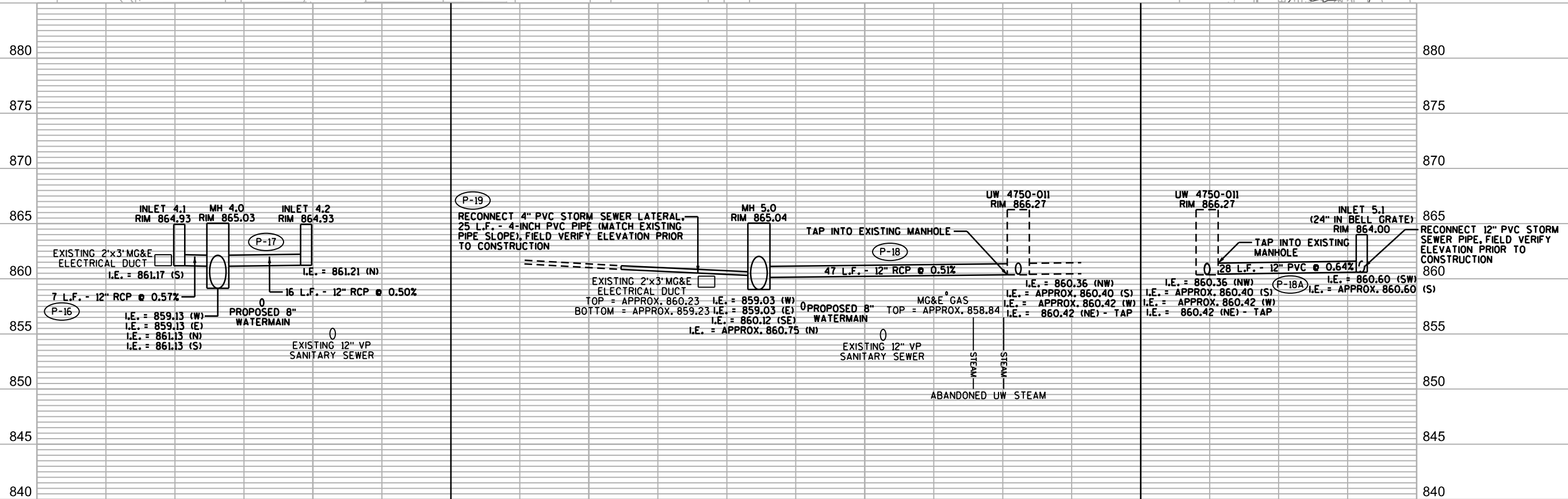
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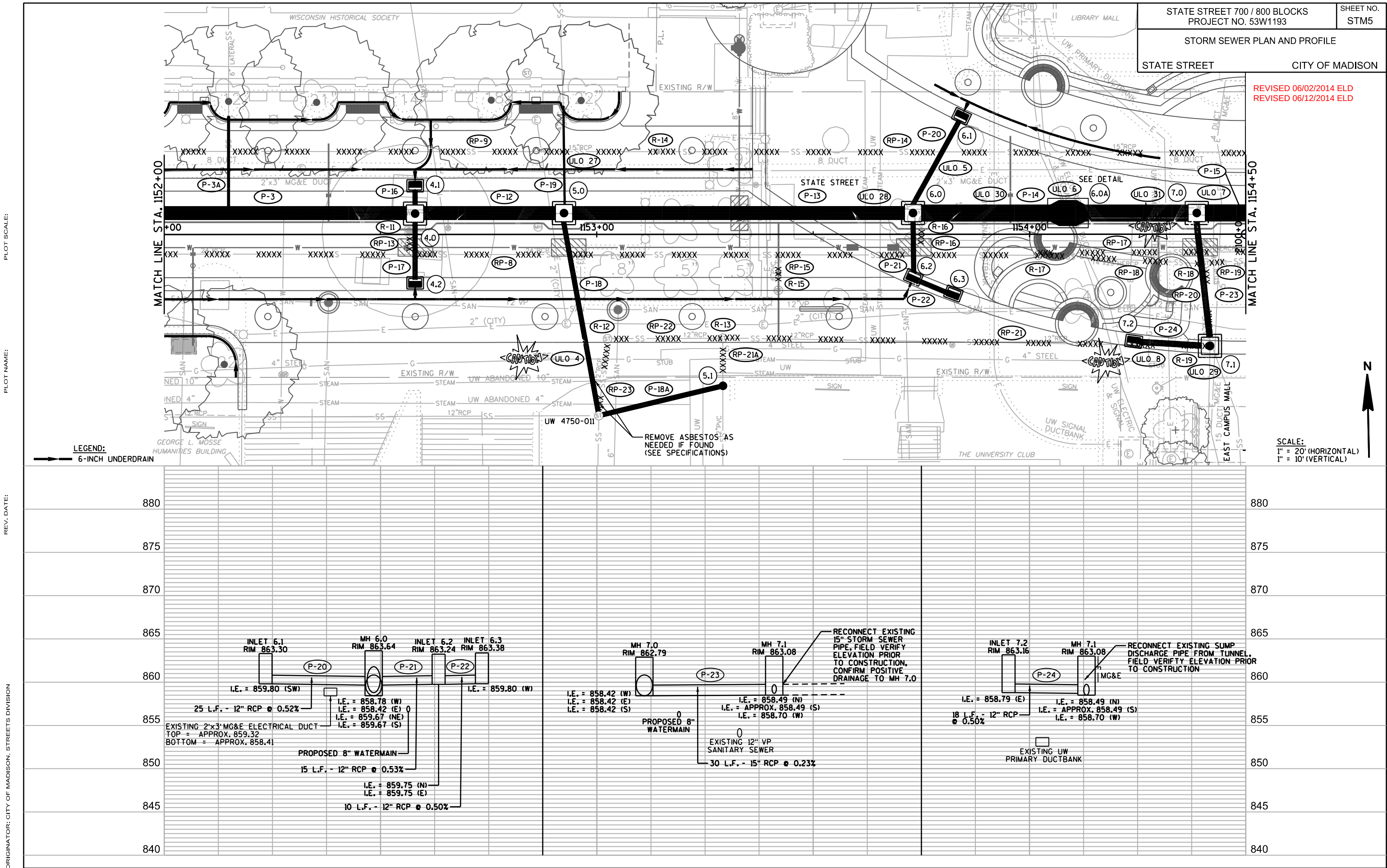
CITY OF MADISON

SCALE:
1" = 20' (HORIZONTAL)
1" = 10' (VERTICAL)



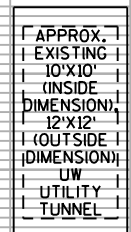
6-INCH UNDERDRAIN





CITY OF MADISON

PIPE INFORMATION UNKNOWN,
ABANDON ANY STORM SEWER PIPE ADJACENT
TO THE MARBLE CURB AND REMOVE STORM
SEWER PIPE WEST OF END OF MARBLE CURB
IF IT EXISTS. ANY REMOVAL OF STORM SEWER
SHALL BE FAR ENOUGH FROM MARBLE CURB
TO PREVENT UNDERMINING.



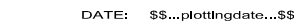
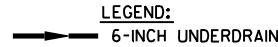
STATE STREET CITY OF MADISON

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STATE STREET CITY OF MADISON

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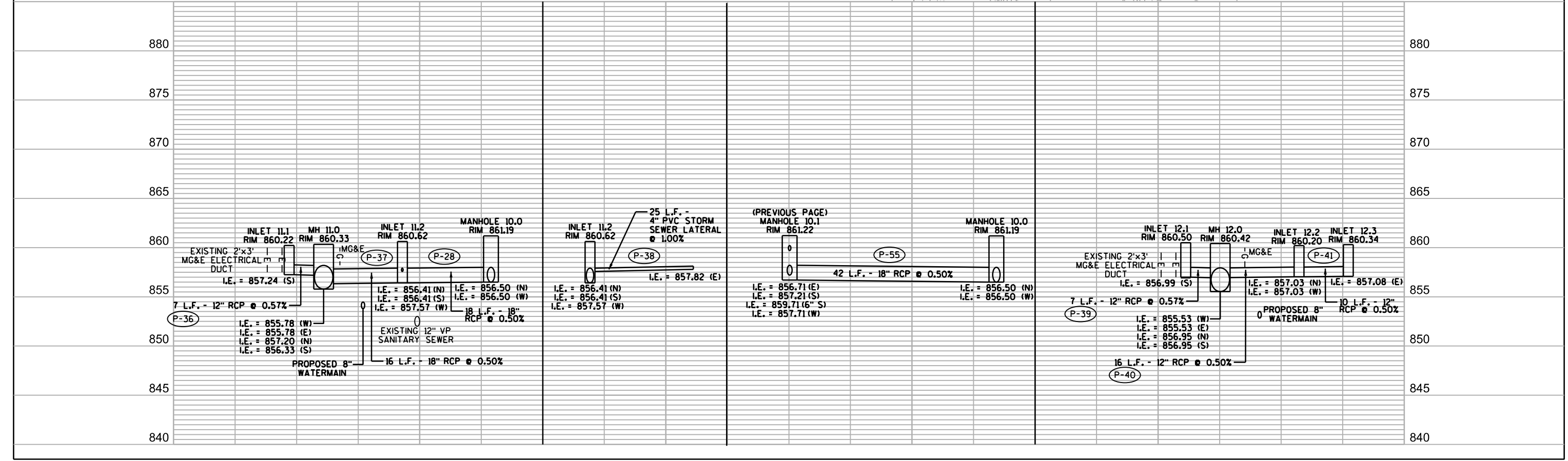
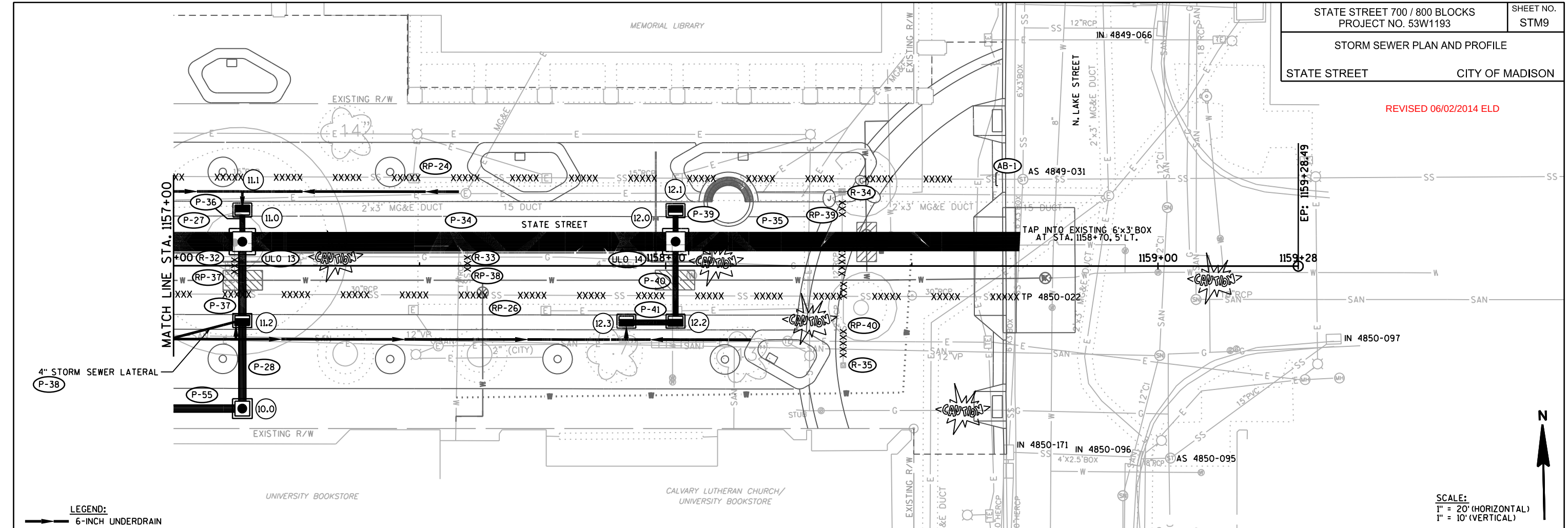


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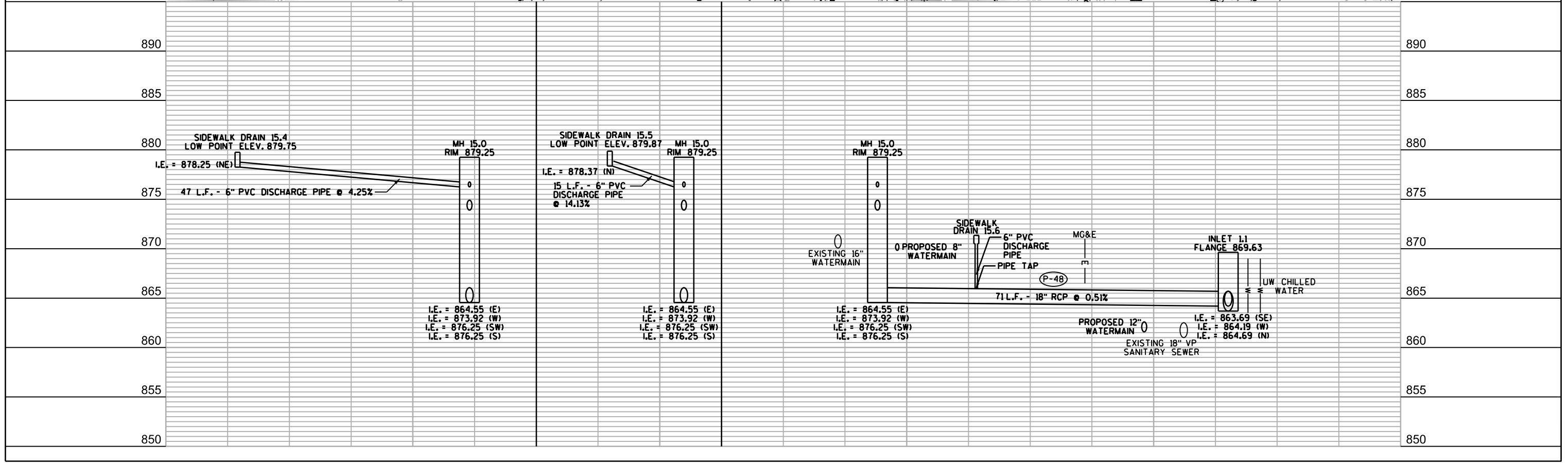
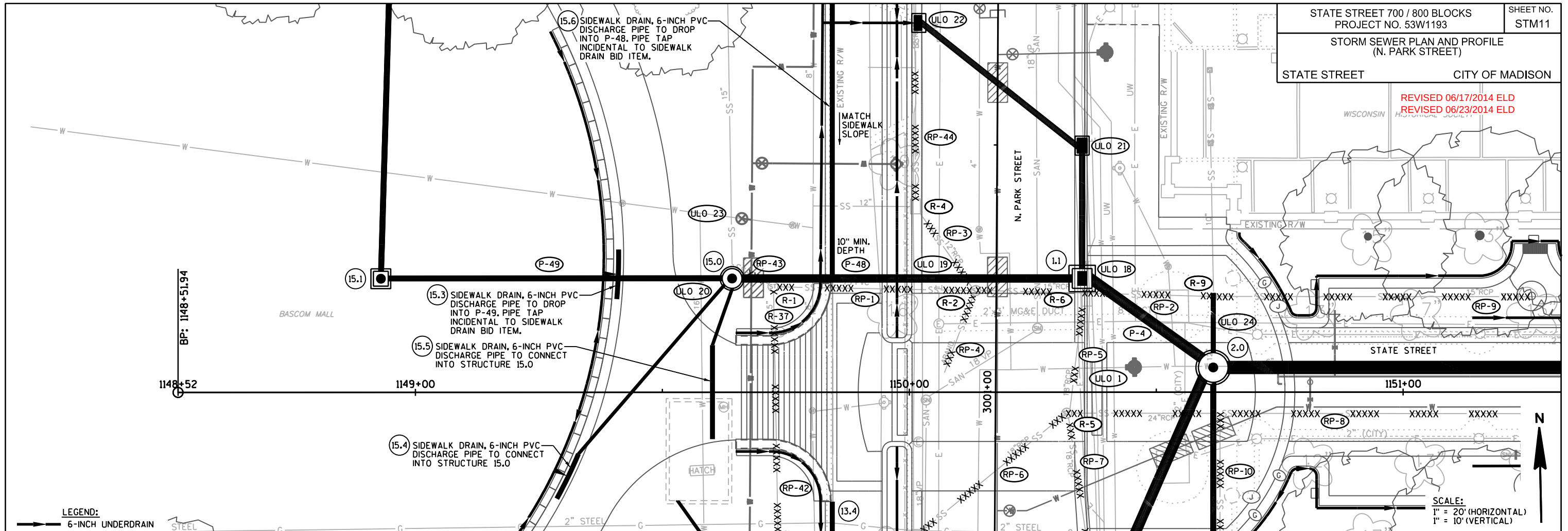


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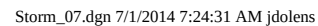
REV. DATE:

ORIGINATOR: CITY OF MADISON, STREET'S DIVISION

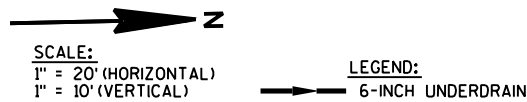


STATE STREET CITY OF MADISON

WISCONSIN HISTORICAL SOCIETY



STATE STREET CITY OF MADISON



The diagram illustrates a sanitary sewer layout on a grid with stationing from 840 to 880. A main 119 L.F. 12-inch RCP sewer runs at a 0.50% slope, starting from an inlet (10.2 RIM 861.90) and ending at manhole P-57 (10.1 RIM 861.22). A 6-inch PVC discharge pipe (1.00% slope) connects the main to a sidewalk drain (10.3 LOW POINT ELEV. 861.27). A 17 L.F. 6-inch PVC storm sewer lateral (0.53% slope) also connects to P-57. A proposed 8-inch watermain and an existing 12-inch vertical pipe sanitary sewer are shown near P-57. Invert elevations are provided for various points along the sewer line.

Feature	Stationing / Description	Elevation
Inlet	10.2	RIM 861.90
Main Sewer	119 L.F. - 12" RCP @ 0.50%	I.E. = 857.80 (N)
Manhole P-56	Location	I.E. = 859.77 (N)
Manhole P-57	10.1	RIM 861.22
Sidewalk Drain	10.3	LOW POINT ELEV. 861.27
Discharge Pipe	6 L.F. - 6" PVC DISCHARGE PIPE @ 1.00%	I.E. = 856.71 (E), 857.21 (S), 859.71 (6" S), 857.71 (W)
Storm Sewer Lateral	17 L.F. - 6" PVC STORM SEWER LATERAL @ 0.53%	I.E. = 857.80
Proposed Watermain	8" PROPOSED WATERMAIN 0	-
Existing Sanitary Sewer	12" VP EXISTING SANITARY SEWER	-

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREET'S DIVISION

STORM REMOVAL SCHEDULE

ALIGNMENT CODES:

'S' = STATE STREET

'P' = PARK STREET

REMOVE STORM STRUCTURES

ID NO.	STRUCTURE	STATION	LOCATION (OFFSET)	TYPE
R-1	DNE	1149'S'+72.4	LT-21.40	SAS
R-2	AS 4749-001	1150'S'+13.5	LT-20.50	SAS
R-3	IN 4750-009	3000'P'+70.4	LT-15.80	DOUBLE INLET
R-4	IN 4749-002	3001'P'+37.5	LT-16.50	INLET
R-5	AS 4750-001	1150'S'+31.9	RT-4.30	SAS
R-6	DNE	1150'S'+36.5	LT-19.00	INLET
R-7	IN 4750-003	1150'S'+62.9	RT-29.80	INLET
R-8	DNE	3000'P'+56.6	RT-20.70	DOUBLE INLET
R-9	DNE	1150'S'+61.6	LT-19.40	CATCHBASIN
R-10	IN 4749-016	1151'S'+87.4	LT-20.00	CATCHBASIN
R-11	DNE	1152'S'+56.7	LT-0.80	CATCHBASIN
R-12	UW 4750-013	1153'S'+02.5	RT-24.20	SAS
R-13	AS 4750-080	1153'S'+29.1	RT-24.00	SAS
R-14	DNE	1153'S'+14.0	LT-19.10	CATCHBASIN
R-15	DNE	1153'S'+42.0	RT-13.00	CATCHBASIN
R-16	DNE	1153'S'+75.5	LT-3.30	CATCHBASIN
R-17	AS 4750-002	1154'S'+02.0	RT-4.90	SAS
R-18	AS 4850-147	1154'S'+40.8	RT-6.70	SAS
R-19	AS 4850-148	1154'S'+41.7	RT-25.90	SAS
R-20	AS 4849-065	1154'S'+58.6	LT-19.00	SAS
R-21	DNE	1154'S'+75.3	LT-64.60	CATCHBASIN
R-22	DNE	1154'S'+27.6	LT-63.90	CATCHBASIN
R-23	AS 4850-016	1154'S'+58.2	RT-5.00	SAS
R-24	UW 4850-024	1154'S'+99.4	RT-7.90	CATCHBASIN
R-25	UW 4849-047	1155'S'+21.7	LT-0.90	CATCHBASIN
R-26	UW 4846-046	1155'S'+40.3	LT-10.90	CATCHBASIN
R-27	UW 4850-023	1155'S'+71.9	RT-17.20	CATCHBASIN
R-28	DNE	1155'S'+77.5	LT-23.20	CATCHBASIN
R-29	UW 4849-045	1156'S'+34.8	LT-4.90	CATCHBASIN
R-30	DNE	1156'S'+68.6	RT-38.60	INLET
R-31	DNE	1156'S'+77.1	LT-5.00	CATCHBASIN
R-32	UW 4849-044	1157'S'+12.4	LT-4.70	CATCHBASIN
R-33	UW 4849-043	1157'S'+59.7	LT-4.50	CATCHBASIN
R-34	DNE	1158'S'+35.9	LT-15.10	CATCHBASIN
R-35	DNE	1158'S'+36.0	RT-20.20	CATCHBASIN
R-36	IN 4749-004	3001'P'+90.3	LT-53.30	INLET
R-37	DNE	1149'S'+73.8	LT-12.20	SAS

ABANDON INLET

ID NO.	STRUCTURE	STATION	LOCATION (OFFSET)
AI-1	DNE	1155'S'+50.0	LT-49.00

ABANDON STORM SEWER PIPE

ID NO.	ABANDON FROM	ABANDON TO	SIZE	TYPE	LENGTH	NOTES
AB-1	AS 4849-065	AS 4849-031	15"	RCP	5'	REMOVE AS CLOSE AS POSSIBLE TO AS 4849-031
AB-2	DNE	IN 4749-003	12"	RCP	15'	

STORM SEWER PIPE REMOVALS

ID NO.	REMOVE FROM	REMOVE TO	SIZE	TYPE	LENGTH
RP-1	DNE	AS 4749-001	15"	PVC	41
RP-2	AS 4749-001	DNE	15"	RCP	48
RP-3	AS 4749-001	IN 4749-002	12"	RCP	21
RP-4	AS 4749-001	18' SW of AS 4749-001	12"	RCP	18
RP-5	AS 4750-001	DNE	18"	RCP	23
RP-6	AS 4750-001	IN 4750-009	18"	RCP	43
RP-7	AS 4750-001	DNE	18"	RCP	44
RP-8	AS 4750-001	AS 4750-002	24"	RCP	370
RP-9	DNE	DNE	15"	RCP	252
RP-10	IN 4750-003	Tap 26' N of IN 4750-003	12"	RCP	26
RP-11	Tap at Sta. 1151+58, 19' LT.	12' N of Tap	4"	PVC	12
RP-12	IN 4749-016	Tap 12' S of IN 4749-016	12"	RCP	12
RP-13	DNE	Tap 6' S of Catchbasin	12"	RCP	6
RP-14	DNE	AS 4849-065	15"	RCP	145
RP-15	DNE	Tap 8' N of Catchbasin	6"	PVC	8
RP-16	DNE	Tap 8' S of Catchbasin	6"	PVC	8
RP-17	AS 4750-002	AS 4850-016	14" x 23"	HERCP	56
RP-18	AS 4750-002	AS 4850-147	14" x 23"	HERCP	39
RP-19	AS 4850-147	AS 4850-016	18"	PVC	17
RP-20	AS 4850-147	AS 4850-148	15"	PVC	19
RP-21	AS 4850-148	AS 4750-080	12"	RCP	113
RP-21A	AS 4750-080	Connect at Sta. 1153+28, 35' RT.	12"	PVC	11
RP-22	AS 4750-080	UW 4750-013	12"	RCP	27
RP-23	UW 4750-013	UW 4750-011	12"	RCP	18
RP-24	AS 4849-065	AB-1	15"	RCP	409
RP-25	AS 4850-016	9' NW of IN 4850-020	12"	CMP	23
RP-26	AS 4850-016	TP 4850-022	30"	RCP	413
RP-27	Tap at Sta. 1154+77, 19' LT.	DNE	12"	RCP	46
RP-28	DNE	DNE	8"	RCP	48
RP-29	UW 4850-024	Tap 3' N of UW 4850-024	12"	RCP	3
RP-30	UW 4849-047	Tap 6' S of UW 4849-047	12"	RCP	6
RP-31	UW 4846-046	Tap 16' S of UW 4846-046	12"	RCP	16
RP-32	UW 4850-023	Tap 12' N of UW 4850-023	12"	RCP	12
RP-33	DNE	Tap 5' S of Catchbasin	12"	RCP	5
RP-34	UW 4849-045	Tap 10' S of UW 4849-045	12"	RCP	10
RP-35	DNE	Tap 34' N of Catchbasin	12"	RCP	34
RP-36	DNE	Tap 11' S of Catchbasin	12"	RCP	11
RP-37	UW 4849-044	Tap 11' S of UW 4849-044	12"	RCP	11
RP-38	UW 4849-043	Tap 10' S of UW 4849-043	12"	RCP	10
RP-39	DNE	Tap 21' S of Catchbasin	12"	RCP	21
RP-40	DNE	Tap 14' N of Catchbasin	12"	RCP	14
RP-41	IN 4750-009	AS 4750-008	15"	RCP	36
RP-42	Connection at Sta. 3000+49, 43' LT.	DNE	15"	RCP	72
RP-43	DNE	Connection at Sta. 1149+64, 23' LT.	15"	RCP	10
RP-44	IN 4749-002	Connection at Sta. 3001+65, 16' LT.	12"	RCP	28
RP-45	IN 4749-004	AB-2	12"	RCP	22

STATE STREET 700 / 800 BLOCKS
PROJECT NO. 53W1193

SHEET NO.
STM14

STORM SEWER REMOVAL SCHEDULE

STATE STREET

CITY OF MADISON

STORM SEWER SCHEDULE

ALIGNMENT CODES:

'S'= STATE STREET
'P'= PARK STREET

STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
1.1	3001P+23.1	RT-17.40	4'X4' SAS	869.63	863.69	5.94	LP, R3067-7004-R
1.2	3000P+49.6	RT-19.90	4'X4' SAS	869.22	863.69	5.53	R3067-7004-R
2.0	1150S'+61.5	LT-5.00	4'X4' SAS	869.36	861.65	7.71	R1550-0054
2.1	1150S'+61.5	RT-30.50	H INLET	869.22	865.05	4.17	LP, R3067-CQ
3.0	1151S'+66.0	LT-5.00	4'X4' SAS	865.48	859.41	6.07	R1550-0054
3.1	1151S'+66.0	LT-11.25	H INLET	865.38	860.29	5.09	FP, LP, R3067-CQ
3.2	1151S'+57.9	LT-30.10	H INLET	865.89	860.39	5.50	LP, R1878-B7G
3.3	1151S'+66.0	RT-11.25	H INLET	865.38	861.49	3.89	LP, R3067-CQ
3.4	1151S'+73.0	RT-30.50	H INLET	866.35	861.59	4.76	LP, R1878-B7G
4.0	1152S'+58.0	LT-5.00	4'X4' SAS	865.03	859.13	5.90	FP, R1550-0054
4.1	1152S'+58.0	LT-11.25	H INLET	864.93	861.17	3.76	FP, LP, R3067-CQ
4.2	1152S'+58.0	RT-11.25	H INLET	864.93	861.21	3.72	LP, R3067-CQ
5.0	1152S'+92.5	LT-5.00	4'X4' SAS	865.04	859.03	6.01	FP, R1550-0054
5.1	1153S'+28.0	RT-35.00	-	864.00	860.60	3.40	24-INCH IN BELL GRADE
6.0	1153S'+73.1	LT-5.00	4'X4' SAS	863.64	858.42	5.22	FP, R1550-0054
6.1	1153S'+84.3	LT-27.20	H INLET	863.30	859.80	3.50	R3067-CQ
6.2	1153S'+73.1	RT-9.97	H INLET	863.24	859.75	3.49	LP, R3067-CQ
6.3	1153S'+82.4	RT-13.74	H INLET	863.38	859.80	3.58	LP, R3067-CQ
7.0	1154S'+38.7	LT-5.00	4'X4' SAS	862.79	858.42	4.37	FP, R1550-0054
7.1	1154S'+41.7	RT-25.90	4'X4' SAS	863.08	858.49	4.59	R1550-0054
7.2	1154S'+24.1	RT-24.81	H INLET	863.16	858.79	4.37	R3067-CQ
7.3	1154S'+65.9	RT-25.91	H INLET	862.88	859.32	3.56	LP, R3067-CQ
7.3A	1155S'+16.0	RT-25.91	3'X3' SAS	862.36	859.02	3.34	R1550-0054
8.0	1155S'+16.0	LT-5.00	4'X4' SAS	862.15	856.33	5.82	R1550-0054
8.1	1155S'+01.6	LT-21.43	H INLET	862.23	858.98	3.25	R3067-CQ
8.2	1154S'+95.1	LT-21.43	H INLET	862.25	859.02	3.23	R3067-CQ
9.0	1155S'+86.0	LT-5.00	4'X4' SAS	860.50	856.13	4.37	FP, R1550-0054
9.1	1155S'+86.0	LT-11.25	H INLET	860.40	857.59	2.81	FP, LP, R3067-CQ
9.2	1155S'+76.0	LT-11.25	H INLET	860.66	857.64	3.02	FP, R3067-CQ
9.3	1155S'+86.0	RT-11.25	H INLET	860.80	857.63	3.17	LP, R3067-CQ
10.0	1157S'+14.0	RT-29.00	3'X3' SAS	861.19	856.50	4.69	R1550-0054
10.1	1156S'+71.5	RT-29.00	3'X3' SAS	861.22	856.71	4.51	R1550-0054
10.2	1156S'+71.5	RT-147.90	H INLET	861.90	857.80	4.10	FP, LP, R3067-7009
10.3	-	RT-34.67	SIDEWALK DRAIN	861.27	859.85	1.42	R4990-CX-P, BOLTED (10-FOOT LENGTH)
11.0	1157S'+14.0	LT-5.00	4'X4' SAS	860.33	855.78	4.55	FP, R1550-0054
11.1	1157S'+14.0	LT-11.25	H INLET	860.22	857.24	2.98	FP, LP, R3067-CQ
11.2	1157S'+14.0	RT-11.25	H INLET	860.62	856.41	4.21	LP, R3067-CQ
12.0	1158S'+02.0	LT-5.00	4'X4' SAS	860.42	855.53	4.89	FP, R1550-0054
12.1	1158S'+02.0	LT-11.25	H INLET	860.50	856.99	3.51	FP, LP, R3067-CQ
12.2	1158S'+02.0	RT-11.25	H INLET	860.20	857.03	3.17	LP, R3067-CQ
12.3	1157S'+92.0	RT-11.25	H INLET	860.34	857.08	3.26	R3067-CQ
13.0	3000P+49.4	LT-15.30	H INLET	869.86	864.02	5.84	LP, R-3067C TYPE L
13.1	3000P+42.1	LT-15.20	H INLET	869.77	864.30	5.47	LP, R-3067C TYPE L
13.2	3000P+49.2	LT-43.40	4' DIA. SAS	876.31	864.80	11.51	R-1550 - UW
13.3	3000P+39.6	RT-20.60	H INLET	869.22	864.74	4.48	R3067-7004-R
13.4	-	-	SIDEWALK DRAIN	DNA	NA	DNA	R4990-CX-P, BOLTED (45-FOOT LENGTH)
14.1	1148S'+75.6	RT-56.60	H INLET	885.50	881.50	4.00	R1878-B7G-A
15.0	1149S'+64.1	LT-23.00	4' DIA. SAS	879.25	864.55	14.70	R-1550 - UW
15.1	1148S'+93.0	LT-23.00	3'X3' SAS	886.00	880.92	5.08	R-1550 - UW
15.2	3001P+98.4	LT-122.80	H INLET	888.85	885.00	3.85	R1878-B7G-A
15.3	-	-	SIDEWALK DRAIN	DNA	DNA	DNA	R4990-CX-A, BOLTED (10-FOOT LENGTH)
15.4	-	-	SIDEWALK DRAIN	DNA	DNA	DNA	R4990-CX-A, BOLTED (10-FOOT LENGTH)
15.5	-	-	SIDEWALK DRAIN	DNA	DNA	DNA	R4990-CX-Q, BOLTED (20-FOOT LENGTH)
15.6	-	-	SIDEWALK DRAIN	DNA	DNA	DNA	R4990-CX-P, BOLTED (80-FOOT LENGTH)
16.0	3001P+50.0	RT-17.20	H INLET	869.80	864.94	4.86	R3067-7004-R
16.1	3001P+74.6	LT-16.00	H INLET	870.30	865.35	4.95	R-3067C TYPE L

ADJUST STRUCTURES

ID NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	TYPE
AS 4750-008	3000P+32.4	LT-21.00	871.87	EX. SAS

REVISED 03/21/2014
REVISED 06/18/2014 ELD
REVISED 06/23/2014 ELD

STATE STREET 700 / 800 BLOCKS
PROJECT NO. 53W1193

SHEET NO.
STM15

STORM SEWER SCHEDULE

STATE STREET

CITY OF MADISON

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

- APPROXIMATE DISCHARGE E.I. GIVEN, ADJUST E.I. AND PIPE SLOPE IN THE FIELD.
- TOP OF CASTING ELEVATION GIVEN IS THE FINAL SURFACE/PAVEMENT GRADE FOR R-1550 CASTINGS, FLOWLINE/PAVEMENT GRADE FOR THE R-3067 CASTINGS SINCE THESE GRATES ARE FLAT ACROSS THE TOP AND FLAG/FLANGE ELEVATION FOR THE R-3067-7004-R CASTINGS.
- 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 GREG FRIES OF CITY ENGINEERING AT (608) 267-1199 FOR PRECAST APPROVALS, OR FAX SHOP DRAWINGS TO (608) 264-9275.

SPECIFIC NOTES:

- R-1550-UW = NEENAH R-1550 FRAME WITH TYPE B LID, NON-ROCKING, SELF SEALING, WITH CONCEALED PICKHOLE STANARD TEXT "STORM" CAST INTO THE TOP

UTILITY LINE OPENING SCHEDULE

ID NO.	STATION	LOCATION (OFFSET)	TYPE	NOTES
ULO 1	1150S'+40.5	RT-1.00	CHILLED WATER	
ULO 2	1150S'+32.5	LT-14.50	BURIED ELECTRIC	
ULO 3	1150S'+32.0	RT-28.50	GAS	3000P+71.7, RT-15.00
ULO 4	1152S'+98.0	RT-29.00	GAS	
ULO 5	1153S'+77.0	LT-15.00	BURIED ELECTRIC	
ULO 6	1154S'+09.0	LT-5.00	TELEPHONE & BURIED ELECTRIC	UW ELECTRIC & SIGNAL
ULO 7	1154S'+44.0	LT-5.00	BURIED ELECTRIC	
ULO 8	1154S'+27.5	RT-24.50	GAS	
ULO 9	1155S'+01.5	LT-15.00	BURIED ELECTRIC	
ULO 10	1155S'+01.5	LT-2.00	GAS	
ULO 11	1155S'+86.0	LT-2.00	GAS	
ULO 12	1156S'+63.0	LT-2.00	GAS & BURIED ELECTRIC	
ULO 13	1157S'+14.0	LT-2.00	GAS	
ULO 14	1158S'+02.0	LT-1.00	GAS	
ULO 15	3000P+49.5	RT-22.50	CHILLED WATER & GAS	
ULO 16	3000P+39.5	RT-22.50	CHILLED WATER & GAS	
ULO 17	3000P+49.5	LT-11.00	BURIED ELECTRIC	
ULO 18	3001P+23.0	RT-21.50	CHILLED WATER	1150S'+39.0, LT-23.50
ULO 19	3001P+23.0	LT-11.50	BURIED ELECTRIC	1150S'+06.0, LT-23.00
ULO 20	3001P+19.5	LT-59.00	WATER	1149S'+58.0, LT-19.20
ULO 21	3001P+50.0	RT-21.00	CHILLED WATER	
ULO 22	3001P+72.0	LT-11.50	BURIED ELECTRIC	
ULO 23	3001P+35.0	LT-53.50	WATER	1149S'+64.0, LT-35.50
ULO 24	1150S'+61.5	LT-14.00	BURIED ELECTRIC	
ULO 25	1151S'+65.5	LT-13.50	BURIED ELECTRIC	
ULO 26	1151S'+73.0	RT-32.00	GAS	
ULO 27	1152S'+92.5	LT-14.50	BURIED ELECTRIC	
ULO 28	1153S'+64.0	LT-5.00	STEAM	UW STEAM BOX
ULO 29	1154S'+41.7	RT-25.90	BURIED ELECTRIC	
ULO 30	1153S'+92.0	LT-5.00	BURIED ELECTRIC	UW DUCTBANK
ULO 31	1154S'+32.0	LT-5.00	BURIED ELECTRIC	UW DUCTBANK
RACM 1	1150S'+35.0	RT-38.00	ABANDONED STEAM	3000P+62.0, RT-17.50
RACM 2	1155S'+86.0	RT-27.00	ABANDONED STEAM	
RACM 3	1156S'+75.0	RT-27.00	ABANDONED STEAM	
RACM 4	1156S'+68.5	RT-147.00	ABANDONED STEAM	

STORM SEWER SCHEDULE

REVISED 06/18/2014 ELD
REVISED 06/23/2014 ELD

STATE STREET 700 / 800 BLOCKS PROJECT NO. 53W1193	SHEET NO. STM16
STORM SEWER SCHEDULE	
STATE STREET	CITY OF MADISON

PIPES

PIPE NO.	FROM (DNSTM)	TO (UPSTM)	LGTH (FT)	DISCH. EI.	INLET EI.	SLOPE (%)	PIPE SIZE	TYPE	NOTES
P-2	3.0	2.0	104	859.91	861.65	1.67%	30"	RCP	
P-3	4.0	3.0	92	859.13	859.41	0.30%	36"	RCP	
P-3A	P-3	CONNECTION	23	-	-	-	6"	PVC	LATERAL
P-4	2.0	1.1	32	862.15	863.69	4.81%	24"	RCP	
P-5	2.0	1.2	60	862.15	863.69	2.57%	24"	RCP	
P-6	2.0	2.1	36	864.87	865.05	0.50%	12"	RCP	
P-7	2.0	CONNECTION	15	862.25	MATCH	MATCH	10"	PVC	LATERAL
P-8	3.0	3.1	7	860.25	860.29	0.57%	12"	RCP	
P-9	3.1	3.2	20	860.29	860.39	0.50%	12"	RCP	
P-10	3.0	3.3	16	861.41	861.49	0.50%	12"	RCP	
P-11	3.3	3.4	20	861.49	861.59	0.50%	12"	RCP	
P-12	5.0	4.0	34	859.03	859.13	0.30%	36"	RCP	
P-13	6.0	5.0	81	858.78	859.03	0.31%	36"	RCP	
P-14	7.0	6.0	66	858.42	858.42	0.00%	29"x45"	HERCP	
P-15	8.0	7.0	78	856.33	858.42	2.68%	29"x45"	HERCP	
P-16	4.0	4.1	7	861.13	861.17	0.57%	12"	RCP	
P-17	4.0	4.2	16	861.13	861.21	0.50%	12"	RCP	
P-18	5.0	UW 4750-011	47	860.12	860.36	0.51%	12"	RCP	
P-18A	UW 4750-011	5.1	28	860.42	860.60	0.64%	12"	PVC	
P-19	5.0	CONNECTION	25	860.75	MATCH	MATCH	4"	PVC	LATERAL
P-20	6.0	6.1	25	859.67	859.80	0.52%	12"	RCP	
P-21	6.0	6.2	15	859.67	859.75	0.53%	12"	RCP	
P-22	6.2	6.3	10	859.75	859.80	0.50%	12"	RCP	
P-23	7.0	7.1	30	858.42	858.49	0.23%	15"	RCP	
P-24	7.1	7.2	18	858.70	858.79	0.50%	12"	RCP	
P-25	7.3A	7.3	50	859.02	859.32	0.60%	12"	RCP	
P-25A	8.0	7.3A	30	858.87	859.02	0.50%	12"	RCP	
P-26	9.0	8.0	69	856.13	856.33	0.29%	29"x45"	HERCP	
P-27	11.0	9.0	128	855.78	856.13	0.28%	29"x45"	HERCP	
P-28	11.2	10.0	18	856.41	856.50	0.50%	18"	RCP	
P-29	8.0	8.1	21	858.87	858.98	0.52%	12"	RCP	
P-29A	8.1	8.2	7	858.98	859.02	0.57%	12"	RCP	
P-30	9.0	9.1	7	857.55	857.59	0.57%	12"	RCP	
P-31	9.1	9.2	10	857.59	857.64	0.50%	12"	RCP	
P-32	9.0	9.3	16	857.55	857.63	0.50%	12"	RCP	
P-33	9.3	STUB	22	858.13	858.24	0.50%	6"	PVC	PRIVATE STUB
P-34	12.0	11.0	88	855.53	855.78	0.28%	29"x45"	HERCP	
P-35	6'x3' BOX	12.0	70	855.34	855.53	0.28%	29"x45"	HERCP	
P-36	11.0	11.1	7	857.20	857.24	0.57%	12"	RCP	
P-37	11.0	11.2	16	856.33	856.41	0.50%	18"	RCP	
P-38	11.2	STUB	25	857.57	857.82	1.00%	4"	PVC	LATERAL
P-39	12.0	12.1	7	856.95	856.99	0.57%	12"	RCP	
P-40	12.0	12.2	16	856.95	857.03	0.50%	12"	RCP	
P-41	12.2	12.3	10	857.03	857.08	0.50%	12"	RCP	
P-42	1.2	13.0	36	863.69	864.02	0.92%	18"	RCP	
P-43	13.0	13.1	7	864.27	864.30	0.43%	15"	RCP	
P-44	13.1	AS 4750-008	11	864.30	864.34	0.36%	15"	RCP	
P-45	13.0	13.2	28	864.27	864.80	1.89%	15"	RCP	
P-46	1.2	13.3	10	864.69	864.74	0.50%	12"	RCP	
P-47	EX.14	14.1	48	878.20	881.50	6.87%	12"	RCP	
P-48	1.1	15.0	71	864.19	864.55	0.51%	18"	RCP	
P-49	15.0	15.1	70	873.92	880.92	10.00%	12"	RCP	
P-50	15.1	15.2	75	880.92	885.00	5.44%	12"	RCP	
P-53	1.1	16.0	27	864.69	864.94	0.93%	12"	RCP	
P-54	16.0	16.1	42	864.94	865.35	0.98%	12"	RCP	
P-55	10.0	10.1	42	856.50	856.71	0.50%	18"	RCP	
P-56	10.1	10.2	119	857.21	857.80	0.50%	12"	RCP	
P-57	10.1	STUB	17	857.71	857.80	0.53%	6"	PVC	PRIVATE STUB

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

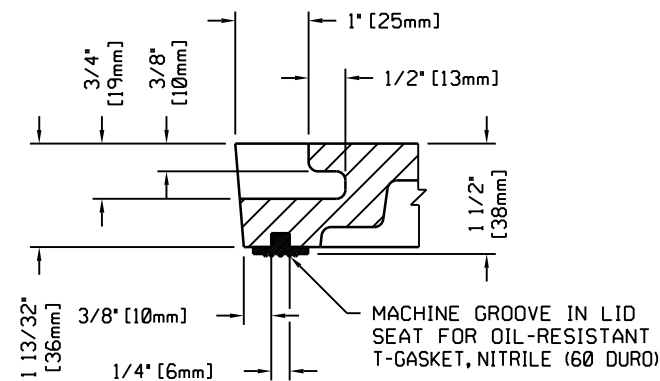
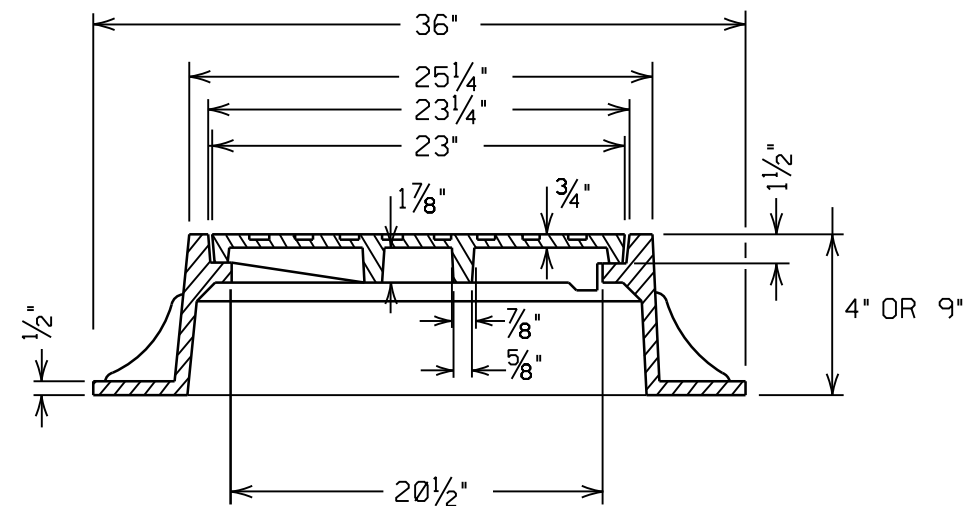
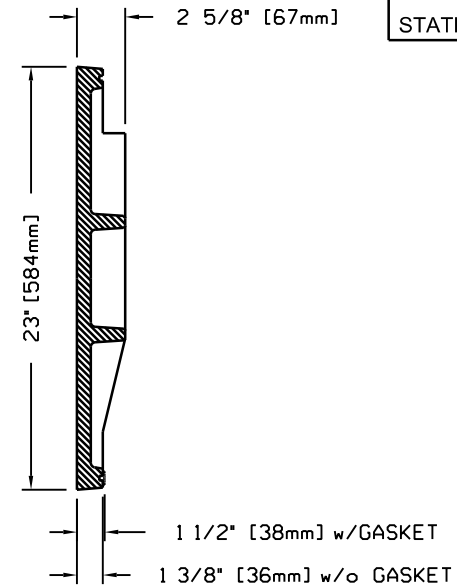
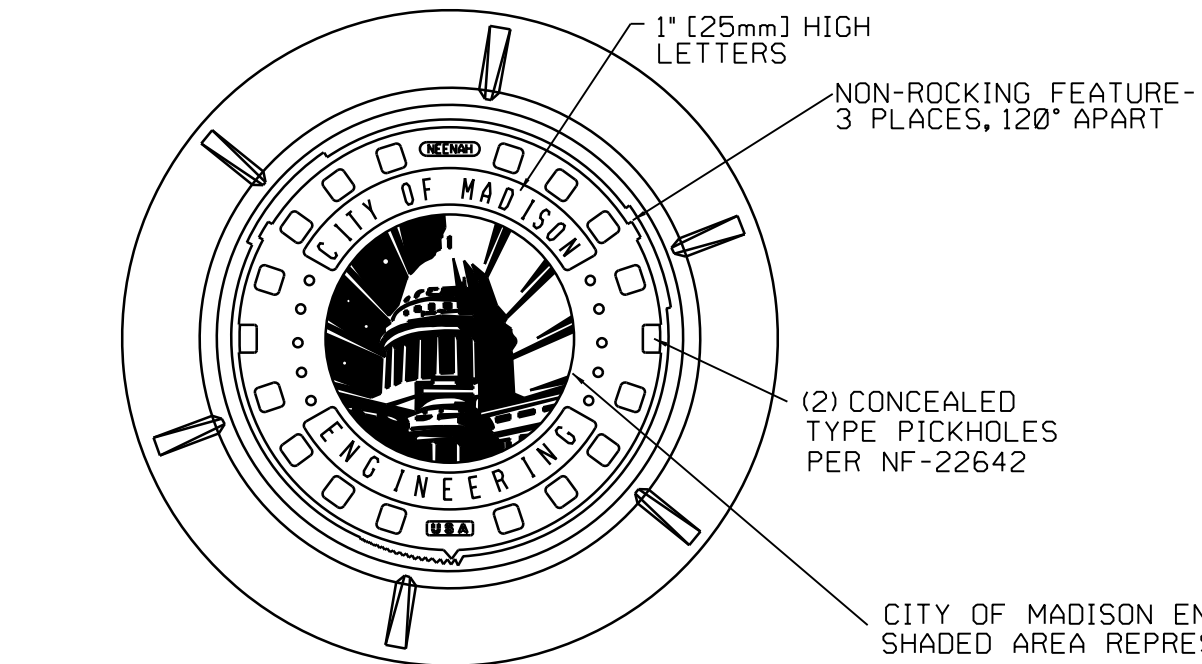
PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREET'S DIVISION

STATE STREET 700 / 800 BLOCKS PROJECT NO. 53W1193	SHEET NO. STM17
STORM SEWER DETAILS	
STATE STREET	CITY OF MADISON



T-SEAL GASKET / CONCEALED PICK DETAIL

NOTES:

APPROXIMATE TOTAL WEIGHTS:

R-1550 w/ LOGO LID 1550-0054, 9" FRAME AND LID = 265 LBS.
R-1689 w/ LOGO LID 1550-0054, 4" FRAME AND LID = 279 LBS.

IF LOCKABLE LID IS NECESSARY, R-1920, 8 3/4" FRAME AND LID = 300 LBS
THERE IS NO CITY OF MADISON LOGO LID AVAILABLE FOR THIS
FRAME AND CASTING.

THE FOLLOWING NEENAH FOUNDRY CASTINGS (OR EQUAL CASTINGS)
SHALL BE ACCEPTABLE:

1. R-1550, 9" NON-ROCKING ACCESS STRUCTURE FRAME.
2. R-1689, 4" NON-ROCKING ACCESS STRUCTURE FRAME
(WHEN REQUESTED BY THE CITY CONSTRUCTION ENGINEER).
3. R-1920, 8 3/4" ACCESS STRUCTURE FRAME WITH LOCKING LID,
TYPE 'F' LOCKS, AND CONCEALED PICK HOLES. TO BE USED IN
GREENWAYS AND EASEMENTS.

1. FRAME AND COVER SHALL BE MACHINED AND
FITTED SO THAT ROCKING AND CHATTERING
WILL BE ELIMINATED.
2. ALL LIDS SHALL BE SELF-SEALING EXCEPT
FOR STORM SEWER.
3. ALL LIDS SHALL HAVE CITY OF MADISON LOGO
AS SHOWN IN DETAIL (R-1550-0054 OR EQUIV.)

LID NOTES: ALL DIMENSIONS SHOWN ARE IN ENGLISH AND [METRIC]
MATERIAL: CAST GRAY IRON ASTM A-48, CLASS 35B

MANHOLE COVER DETAIL

SCALE: NONE

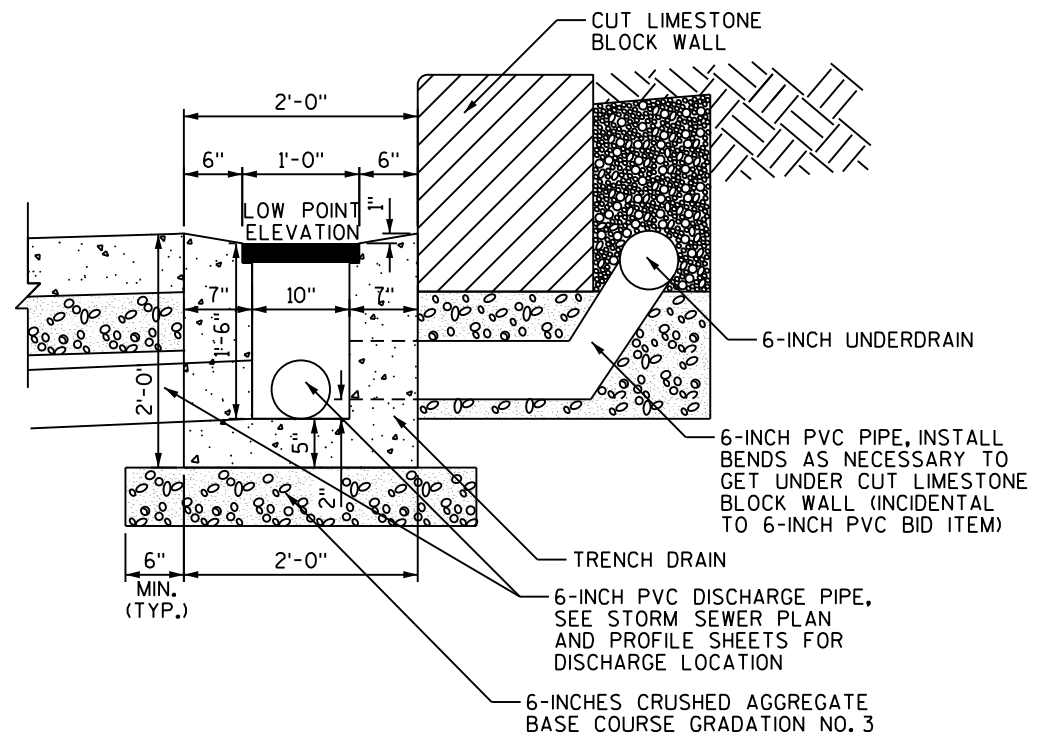
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PLOT NAME:

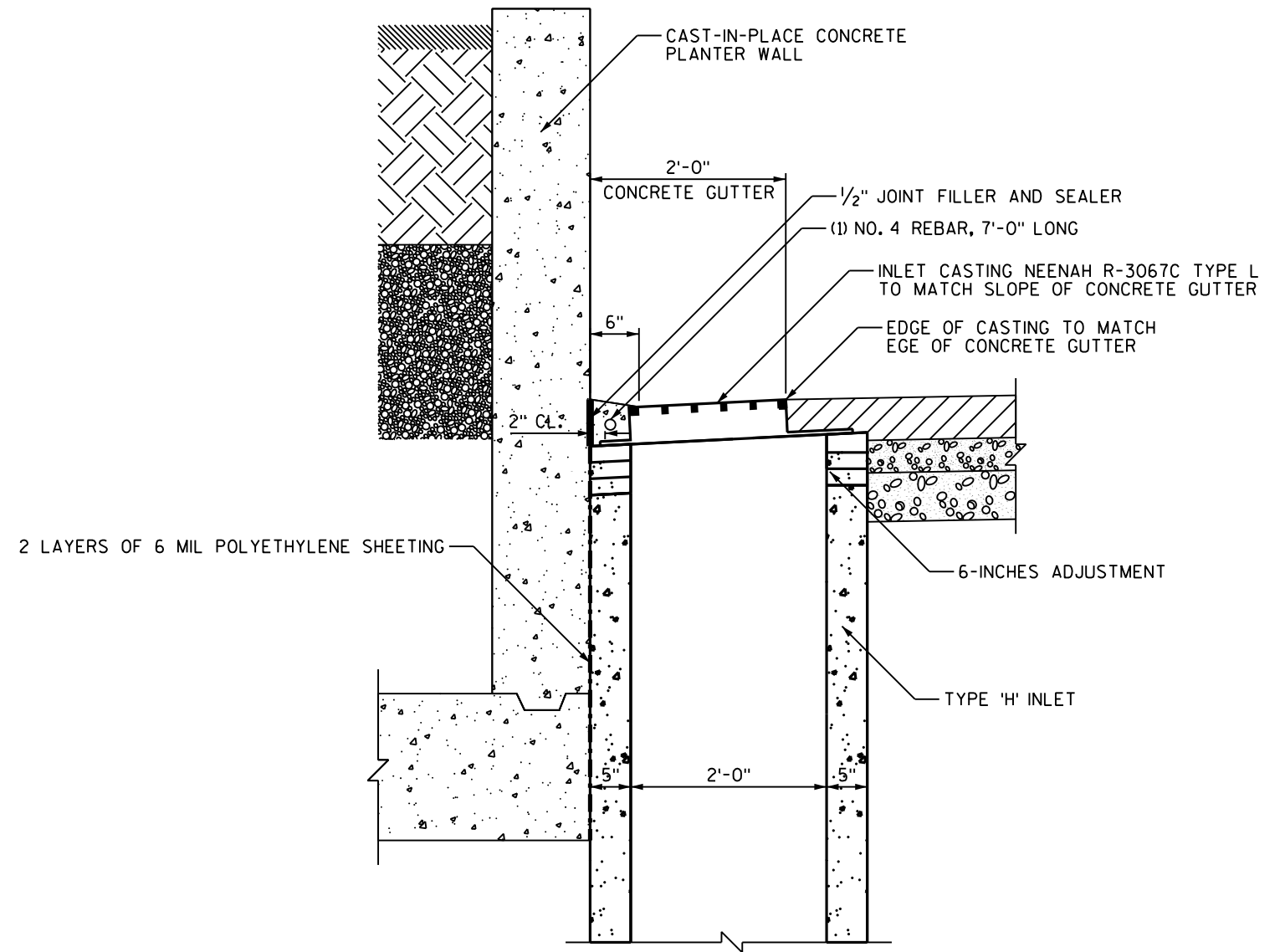
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ORIGINATOR: CITY OF MADISON, STREET'S DIVISION

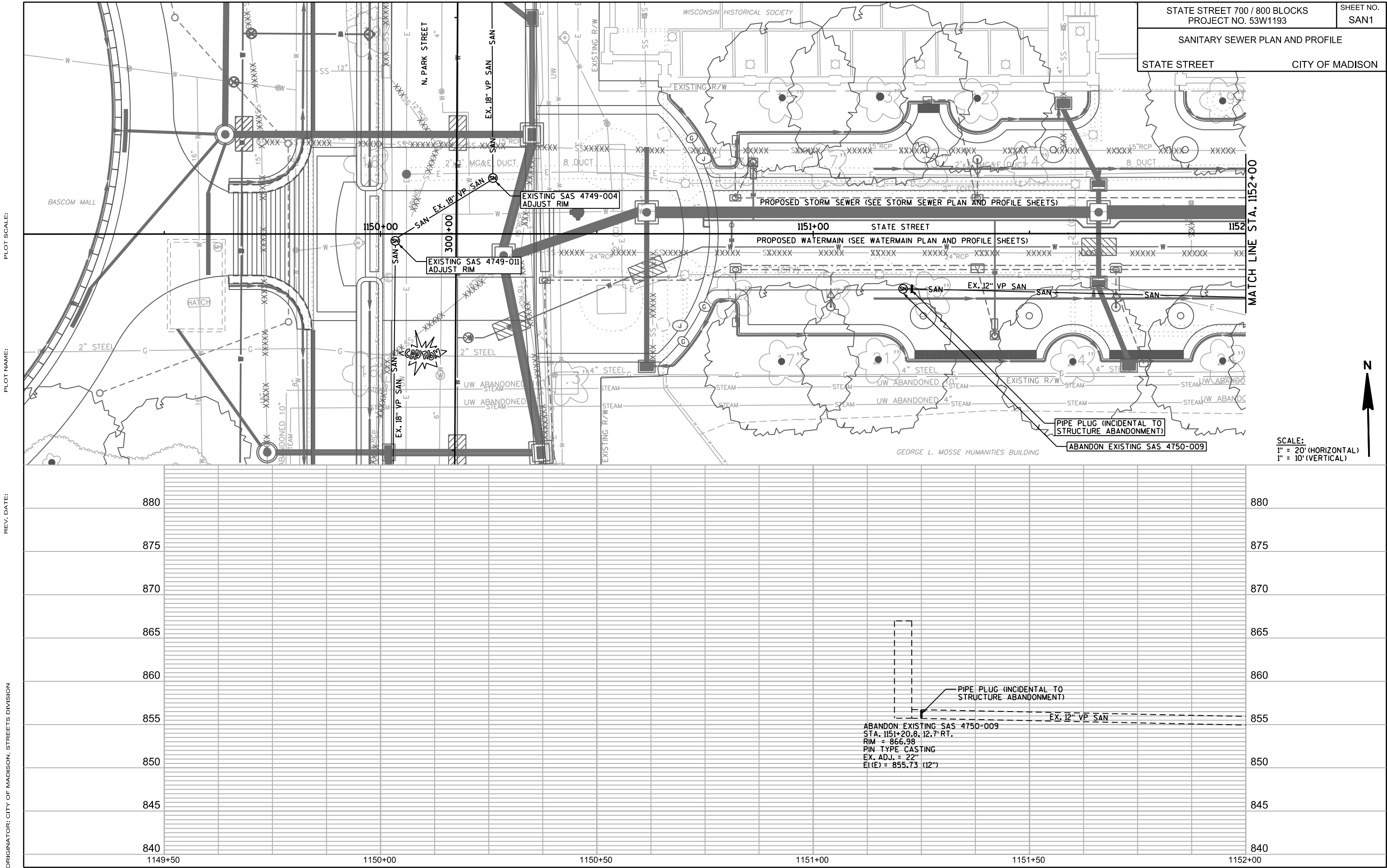
STATE STREET 700 / 800 BLOCKS PROJECT NO. 53W1193		SHEET NO. STM18
STORM SEWER DETAILS		
STATE STREET		CITY OF MADISON



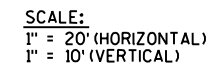
BASCOM MALL SIDEWALK DRAIN DETAIL
SCALE: NONE



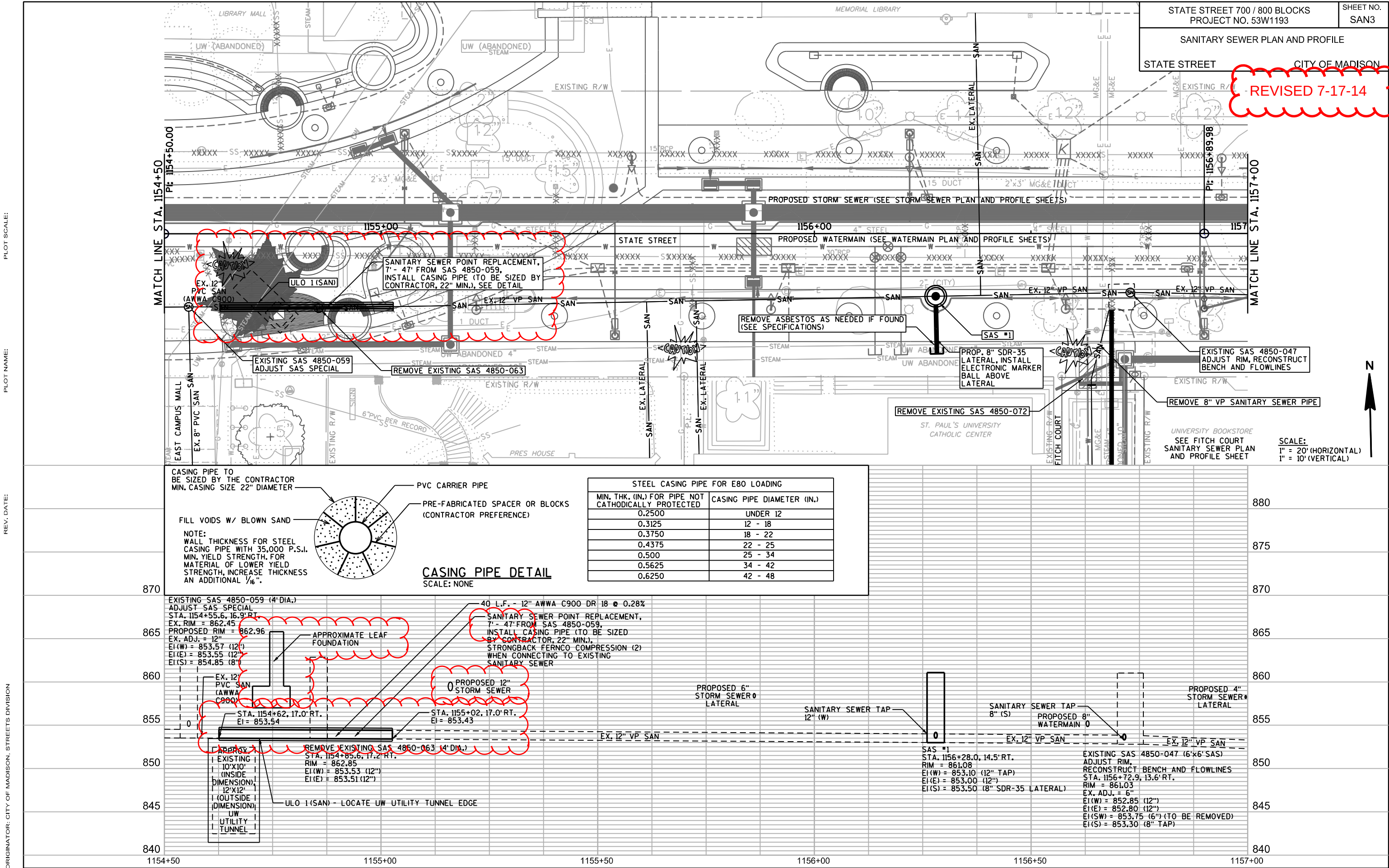
INLET ALONG CAST-IN-PLACE CONCRETE PLANTER WALL DETAIL
SCALE: NONE
N. PARK STREET



CITY OF MADISON



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San_02.dgn 2/28/2014 3:45:04 PM jdolens

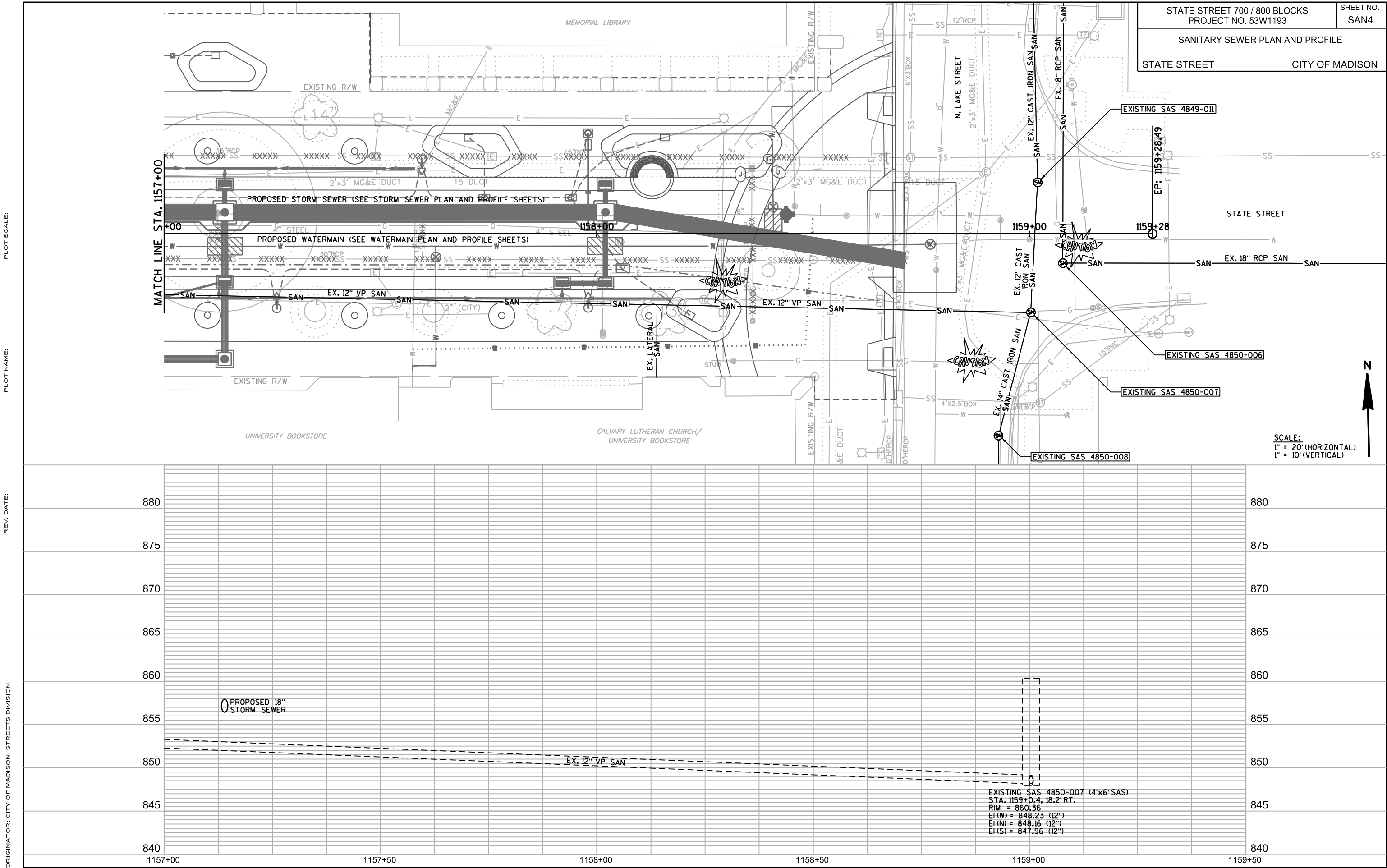


PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREET'S DIVISION

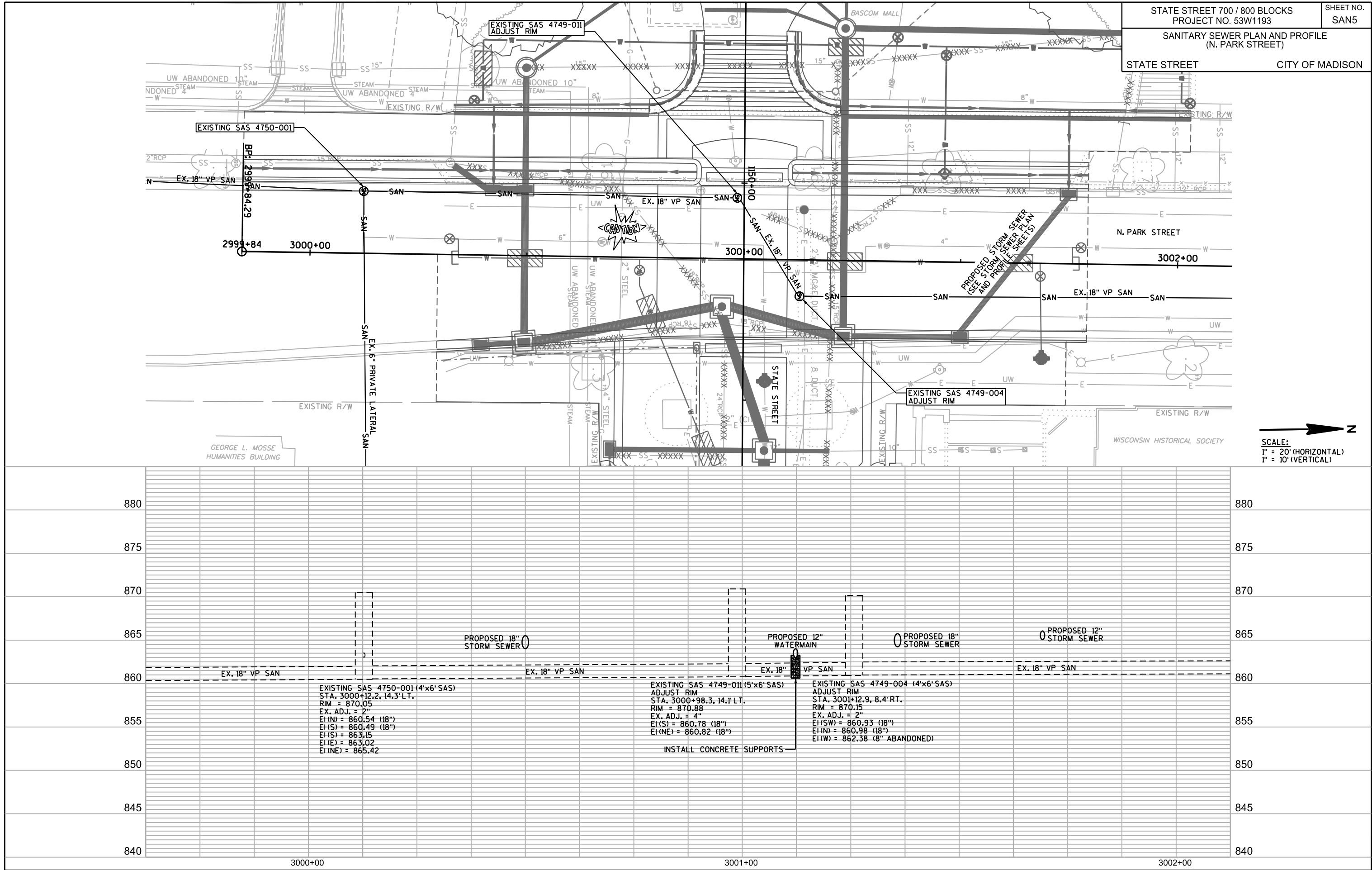


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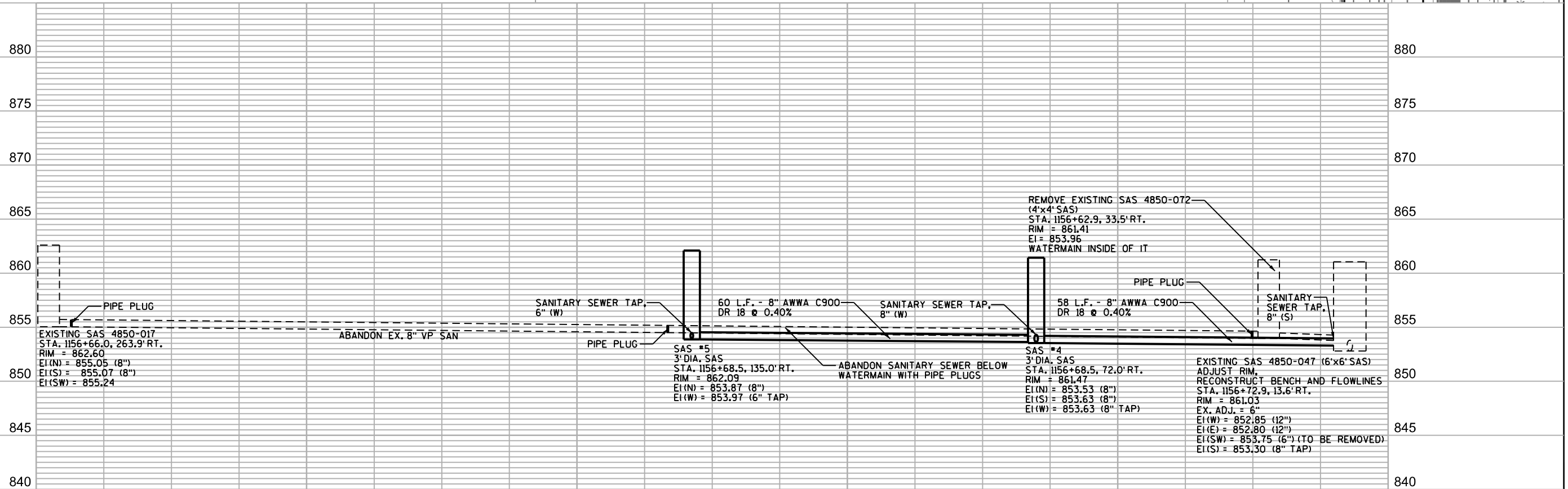
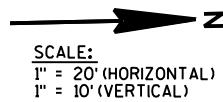
PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREET'S DIVISION



STATE STREET CITY OF MADISON



PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREET'S DIVISION

STATE STREET 700 / 800 BLOCKS PROJECT NO. 53W1193	SHEET NO. SAN7
SANITARY SEWER SCHEDULE	
STATE STREET	CITY OF MADISON

SANITARY SCHEDULE

ALIGNMENT CODES:

'S' = STATE ST
'P' = PARK STREET

PROPOSED SANITARY STRUCTURES

SAS NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH	NOTES
SAS #1	1156'S'+28.00	RT-14.50	861.08	853.00	8.08	
SAS #2	1152'S'+37.90	RT-15.70	865.09	854.59	10.50	TAP LAT TO SOUTH. STRUCTURE; REPLACING EX. STRUCTURE WHEN FOUND
SAS #3	1153'S'+04.90	RT-17.40	864.79	854.32	10.47	TAP LAT TO SOUTH. STRUCTURE; REPLACING EX. STRUCTURE
SAS #4	1156'S'+68.50	RT-72.00	861.47	853.53	7.94	3' DIA. SAS
SAS #5	1156'S'+68.50	RT-135.00	862.09	853.87	8.22	3' DIA. SAS

PROPOSED SANITARY PIPES

FROM SAS (DWNSTRM)	TO SAS (UPSTREAM)	EI # (DWNSTRM)	EI # (UPSTRM)	LENGTH (FT)	SLOPE (%)	SIZE (DIA)	PVC TYPE	NOTES:
EX. SAS 4850-059	SAS #3	854.04	854.10	10	0.60%	12"	SDR 35 W/ COMPRESSION COUPLINGS,	POINT REPAIR
*1155'S'+05, RT-17.00	1154'S'+65, RT-17.00	853.43	853.54	40	0.28%	12"	A WWA C900 DR 18 WITH CASING PIPE	
EX. SAS 4850-047	SAS #4	853.30	853.53	58	0.40%	8"	A WWA C900 DR 18	
SAS #4	SAS #5	853.63	853.87	60	0.40%	8"	A WWA C900 DR 18	

*SHIFT CASING TO THE EDGE OF THE VAULT IF THE EXISTING SANITARY SEWER IS ON TOP OF THE STEAM VAULT.

ABANDON SANITARY SEWER STRUCTURE

STRUC. ID NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH (FT)
EX.SAS 4749-009	1151'S'+20.80	RT-12.70	866.98	855.73	11.25

ABANDON SANITARY SEWER

ABANDON FROM	ABANDON TO	LENGTH (FT)	RPE SIZE	TYPE	PAY (Y/N)	NOTES
EX.SAS 4749-009	EX.SAS 4750-010	117	12"	VP	N	PIPE PLUGS BOTH ENDS (PLUGGING INCIDENTAL)
EX. SAS 4850-017	STATION 1156'S'+65, RT-137.0	119	8"	VP	Y	PIPE PLUGS BOTH ENDS (2 PAY)
EX. SAS 4850-072	STATION 1156'S'+65, RT-137.0	103	8"	VP	N	

REMOVE SANITARY SEWER STRUCTURE

STRUC. ID NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH (FT)	NOTES
EX.SAS 4750-010	1152'S'+37.90	RT-15.70	BURIED	854.59	-	EX. MANHOLE BURIED
EX.SAS 4750-011	1153'S'+04.90	RT-17.40	865.00	854.32	10.68	
EX.SAS 4850-063	1154'S'+85.60	RT-17.20	862.85	853.51	9.34	
EX.SAS 4850-072	1156'S'+62.90	RT-33.50	861.41	853.96	7.45	WATER MAIN INSIDE EX. MANHOLE

UTILITY LINE OPENING

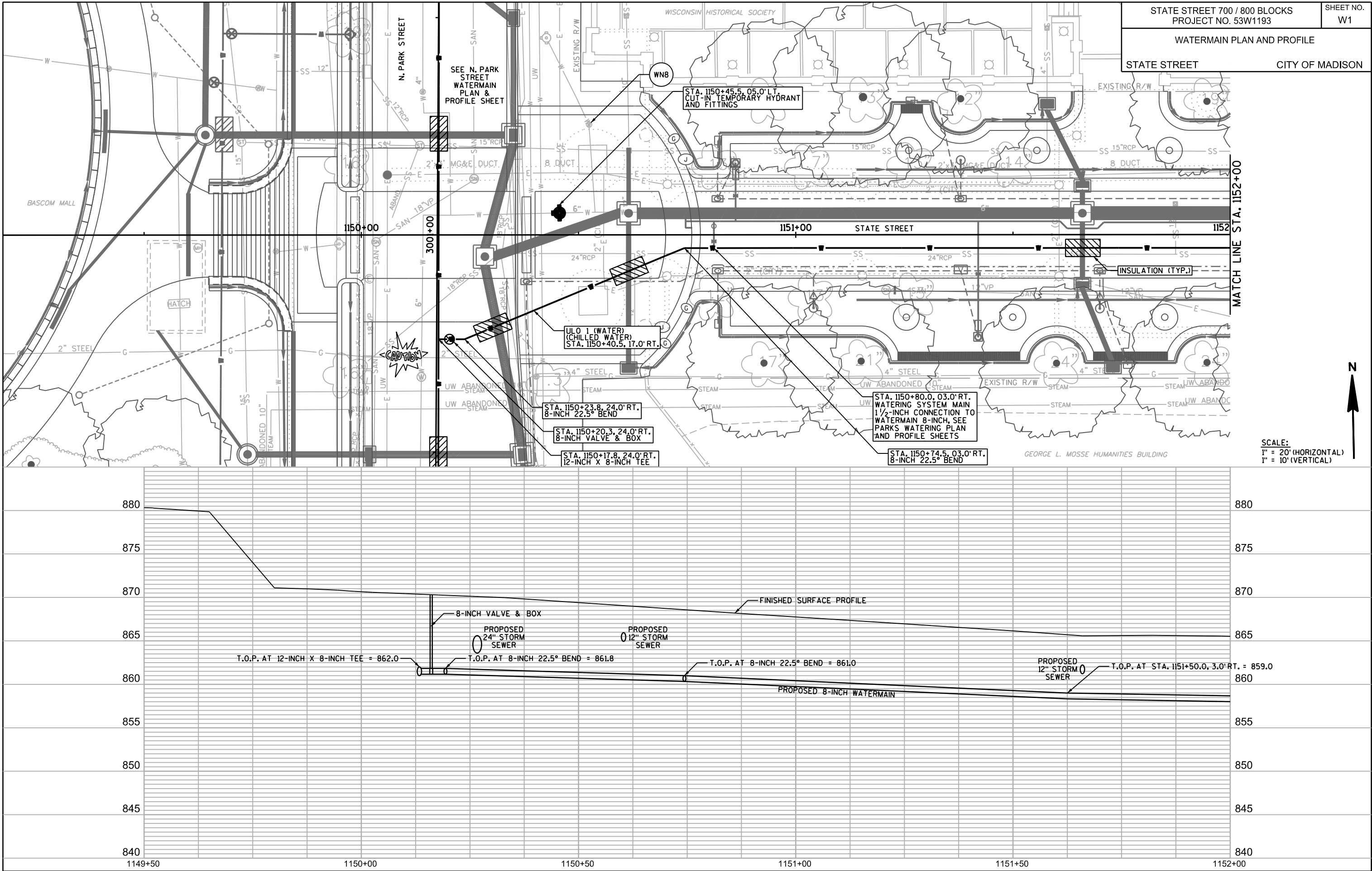
ID NO.	STATION	LOCATION (OFFSET)	NOTES
ULO 1 (SAN)	1154'S'+70.00	RT-17.00	LOCATE STEAM TUNNEL RELATIVE TO EXISTING SANITARY SEWER

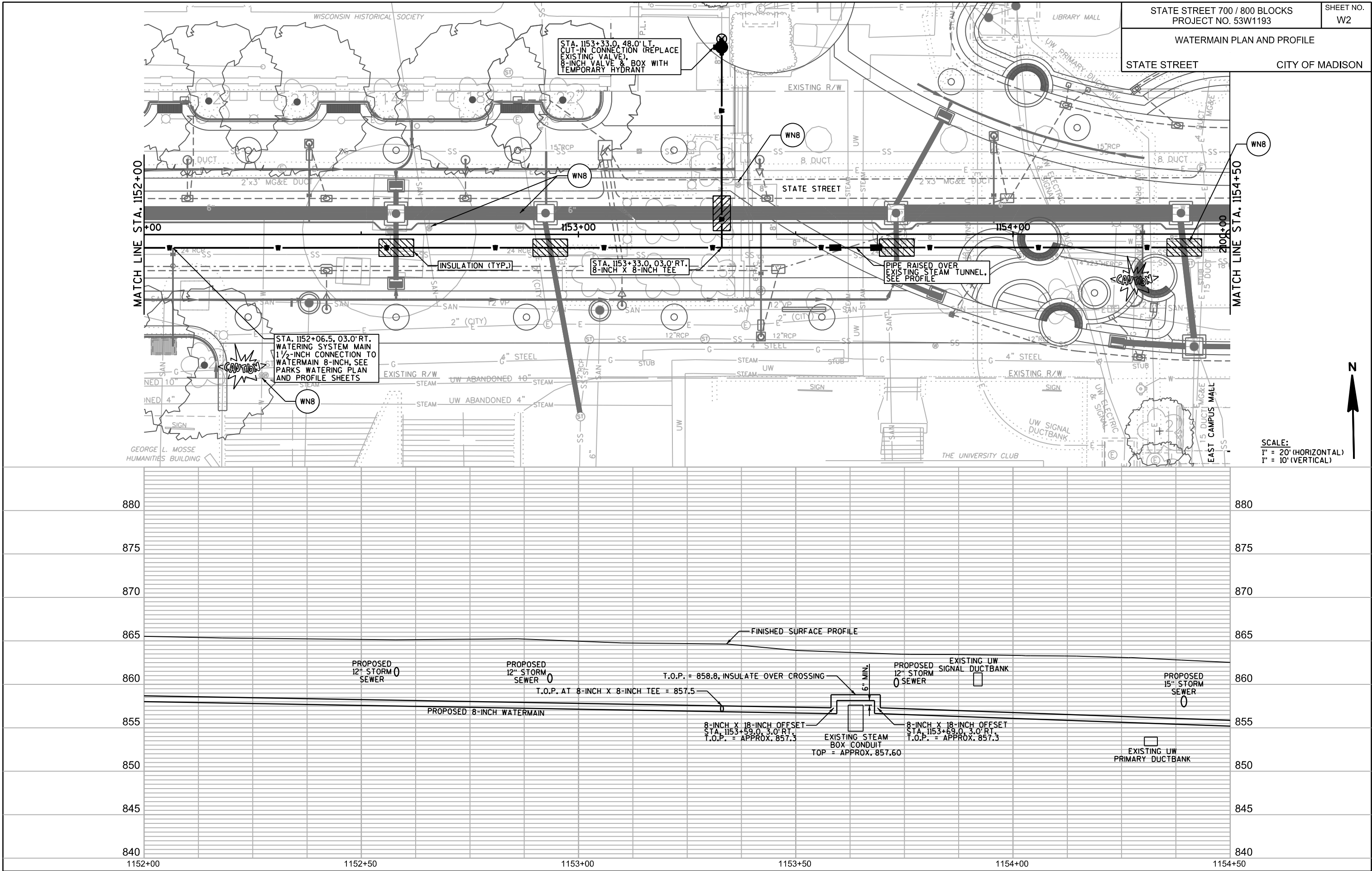
SANITARY SEWER STRUCTURE ADJUSTMENTS

STRUC. ID NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	EX.ADJUST	NOTES
EX.SAS 4749-011	3000'P'+98.30	LT-14.10	870.88	860.78	0.33	ADJ. RIM, 5' X 6' SAS
EX.SAS 4749-004	3001'P'+12.90	RT-8.40	870.15	860.93	0.17	ADJ. RIM, 4' X 6' SAS
EX.SAS 4850-059	1154'S'+55.60	RT-16.90	862.96	853.55	1.00	ADJ. SAS SPECIAL
EX.SAS 4850-047	1156'S'+72.90	RT-13.60	861.03	852.80	0.50	ADJ. RIM, 6' X 6' SAS

REMOVE SANITARY SEWER MAIN

FROM SAS (DWNSTRM)	TO SAS (UPSTREAM)	LENGTH (FT)	RPE SIZE	TYPE	PAY (Y/N)
EX. SAS 4850-047	EX. SAS 4850-072	17	8"	VP	N
STATION 1155'S'+05, RT-17.0	STATION 1154'S'+65, RT-17.0	40	12"	VP	N



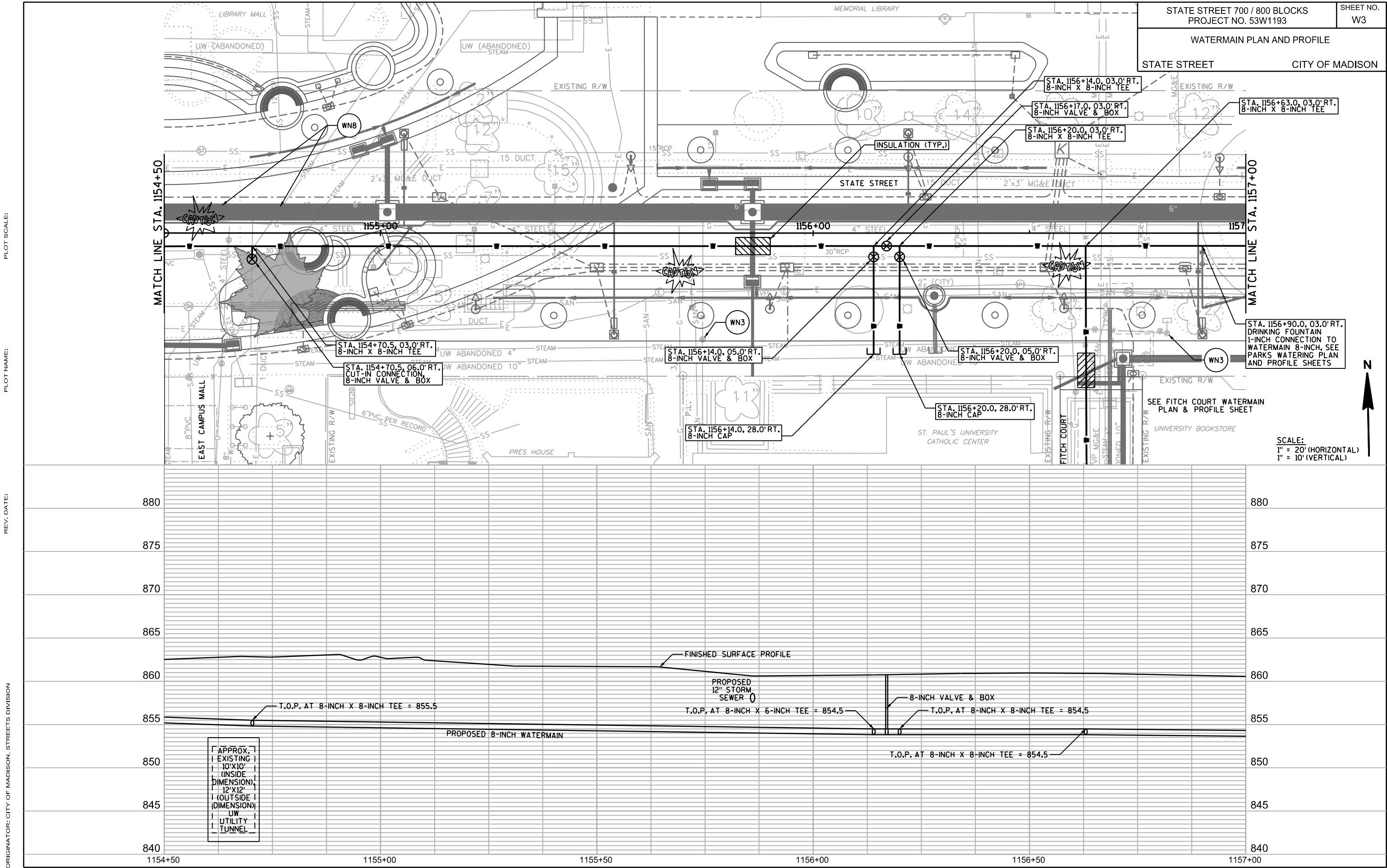


PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREET'S DIVISION

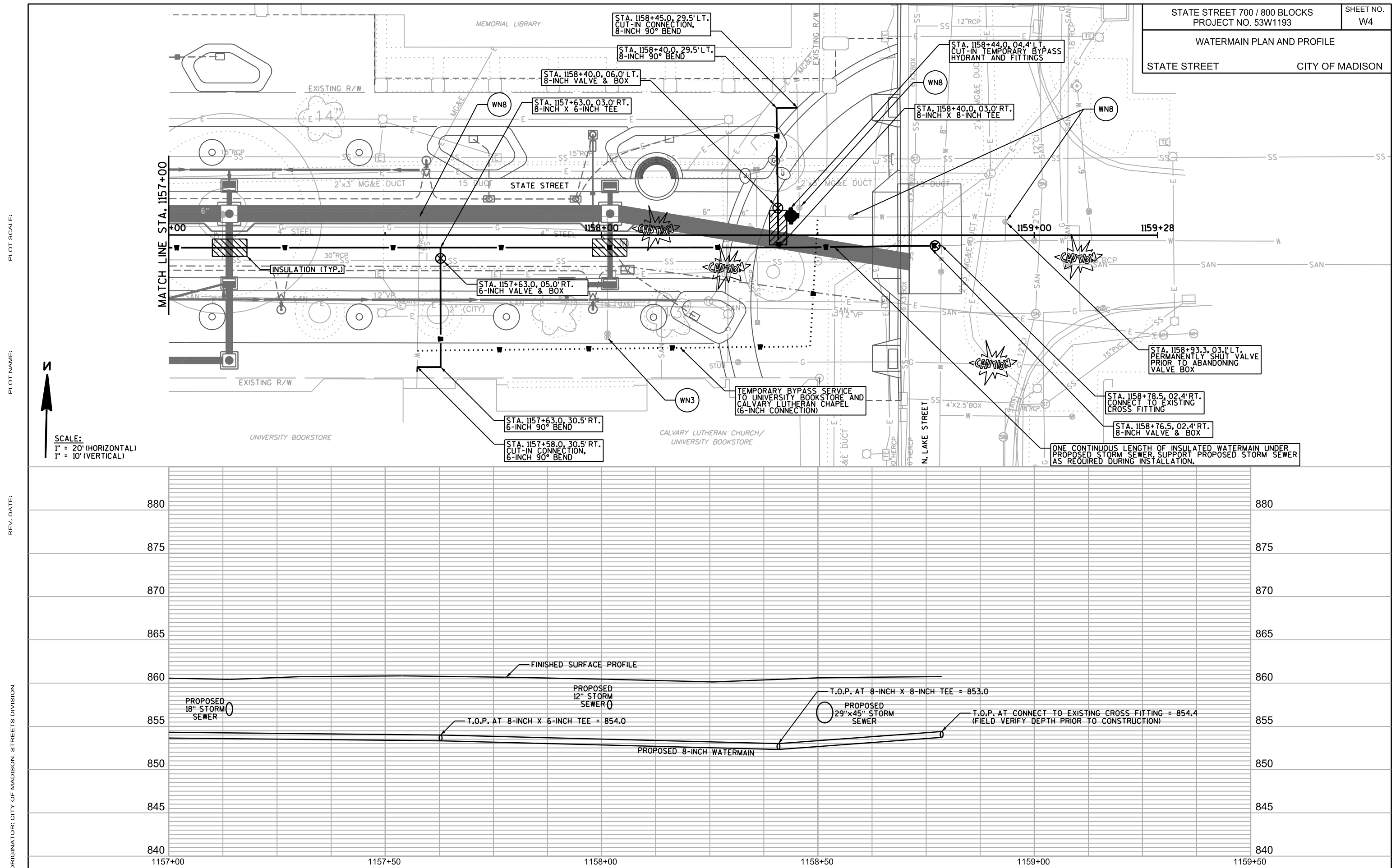


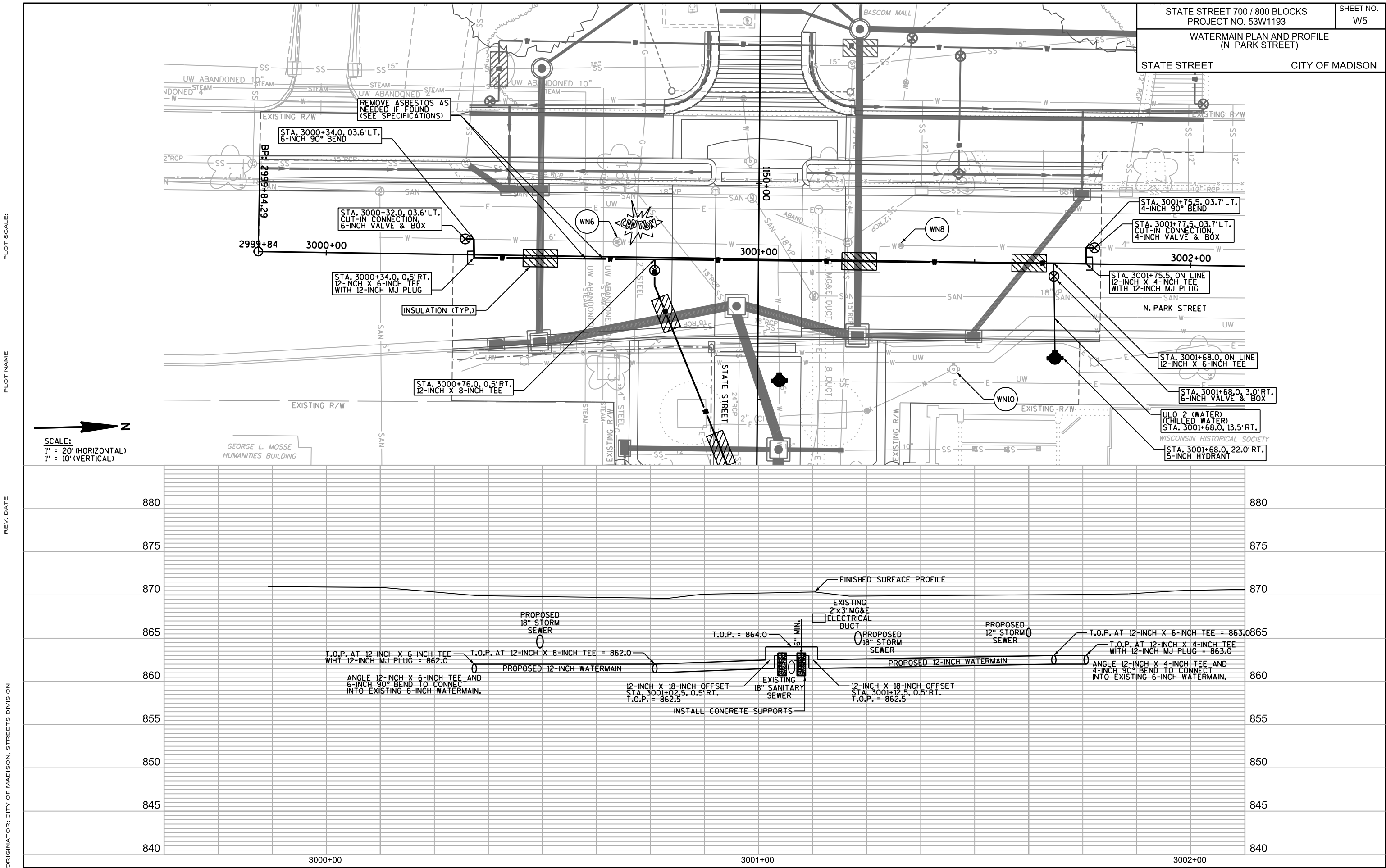
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PLOT NAME:

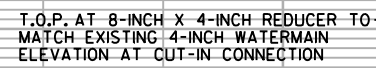
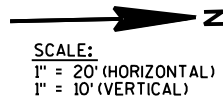
REV. DATE:

ORIGINATOR: CITY OF MADISON, STREET'S DIVISION





STATE STREET	CITY OF MADISON
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PROPOSED
6" STORM
SEWER LATERAL

— 8-INCH 45° BEND,
ANGLE 8-INCH X 8-INCH TEE
AND INSTALL BEND AS CLOSE
TO TEE AS POSSIBLE
T.O.P. = 855.5

— T.O.P. AT 8-INCH X 8-INCH TEE = 854.5

ESTIMATE OF MATERIALS SUPPLIED BY CONTRACTOR:

* ESTIMATE OF MATERIALS IS FOR INFORMATION ONLY. ENGINEER DOES NOT GUARANTEE ACCURACY OF MATERIAL TAKE-OFF.
* ESTIMATE OF MATERIALS SHOWN ON THIS PAGE DOES NOT INCLUDE QUANTITIES FOR WATER UTILITY LISTED ON SHEET W9.

- 20-FT - 6-IN PIPE

190-FT - 8-IN PIPE

1 - 6-IN VALVE & BOX

3 - 8-IN VALVE & BOX

1 - 8-IN X 6-IN TEE

1 - 8-IN X 8-IN TEE
- 5 - 8-IN 45° BEND

16-FT - 2-IN STYROFOAM INSULATION

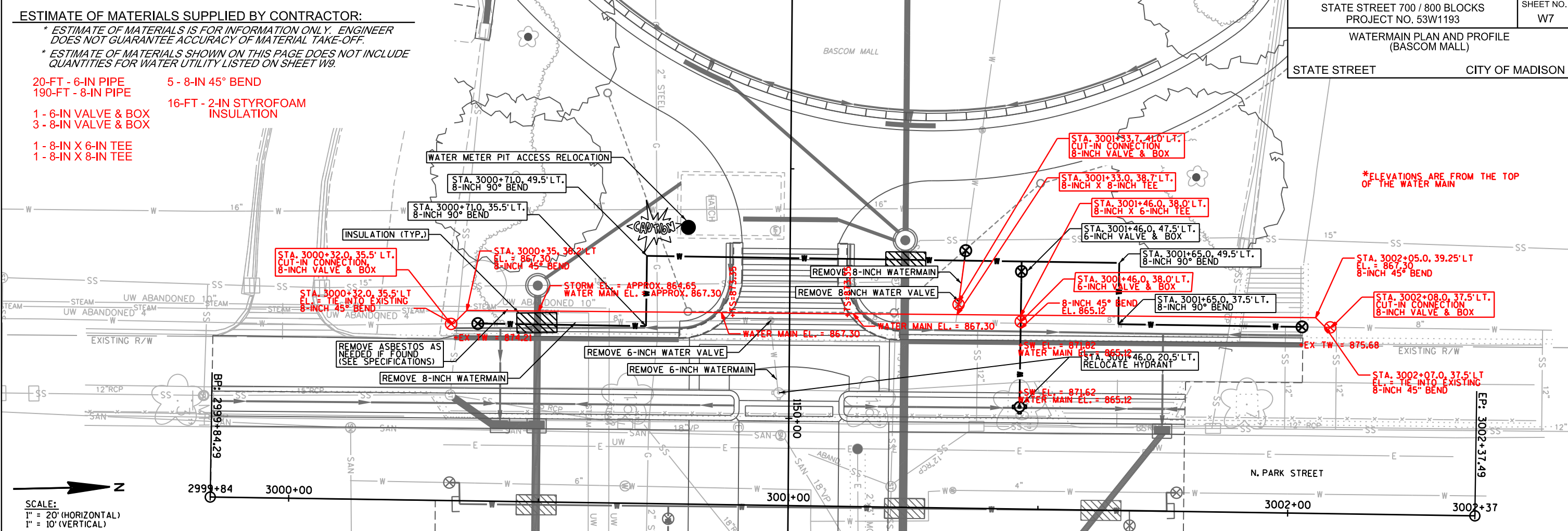
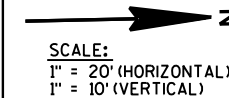
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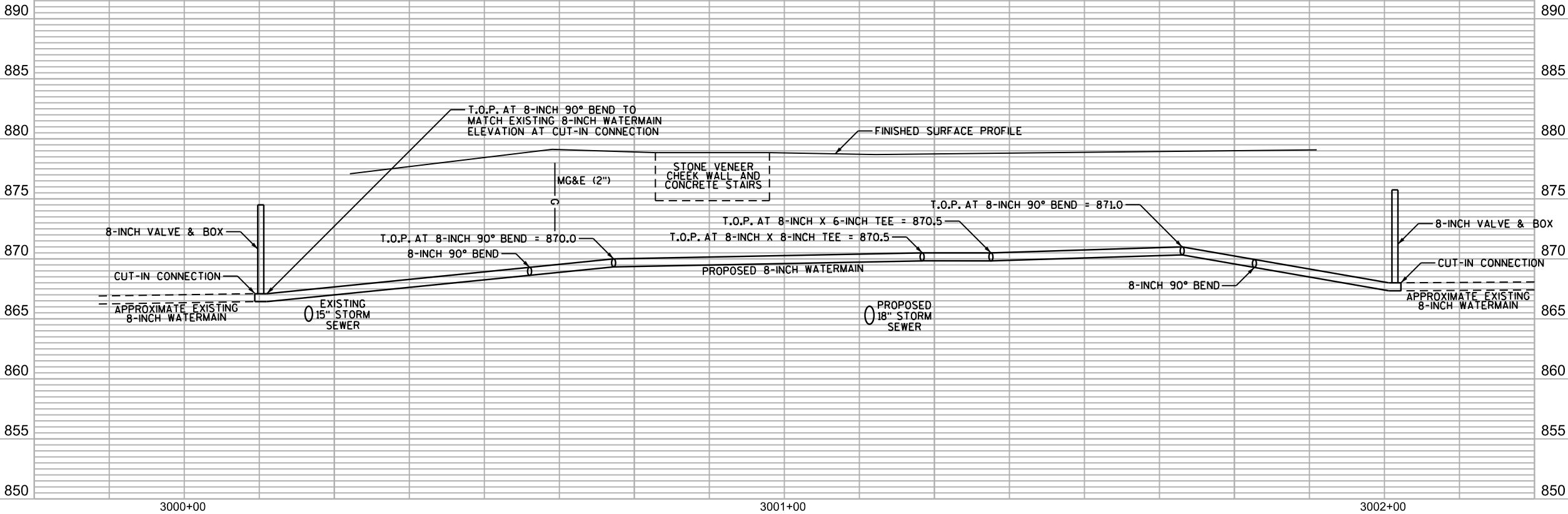
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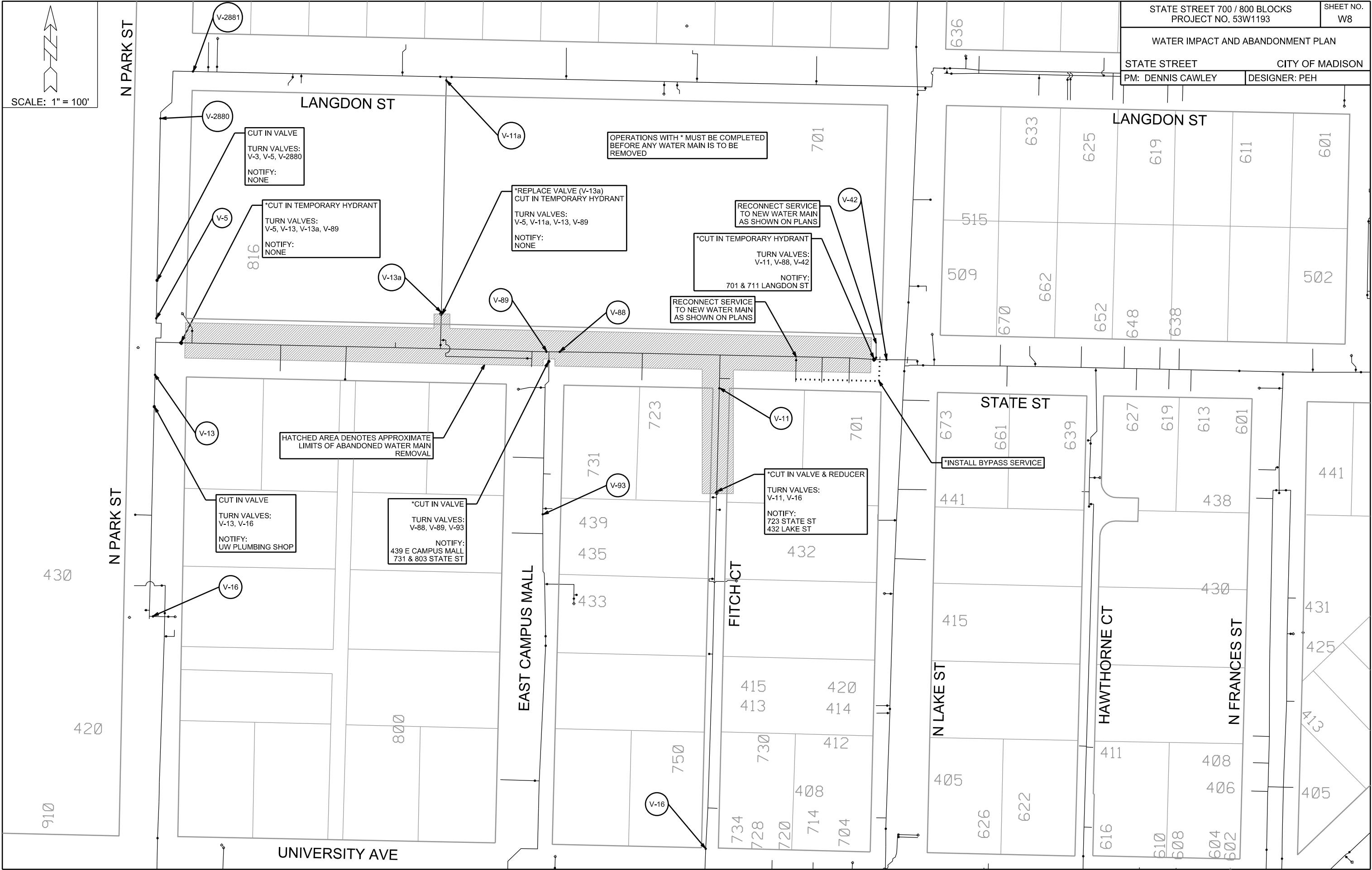
ORIGINATOR: CITY OF MADISON, STREET'S DIVISION

SCALE:
1" = 20' (HORIZONTAL)
1" = 10' (VERTICAL)



PROFILE HAS NOT BEEN UPDATED ACCORDING TO PLAN VIEW





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

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 DISTRUPTION OF SERVICE TO EXISTING CUSTOMERS. NOTIFY PER CONTRACT REQUIREMENTS OF ANY PLANNED WATER OUTAGE.
4. THE EXISTING UTILITIES SHOWN ON THIS PLAN REPRESENT THE BEST INFORMATION AVAILABLE TO THE WATER UTILITY AT THE TIME OF PLAN PREPARATION. CONTRACTOR IS RESPONSIBLE FOR HAVING EACH UTILITY LOCATED PRIOR TO COMMENCING WORK.

- WN1 REPLACE THE EXISTING LEAD SERVICE WITH A NEW COPPER SERVICE.
- WN2 EXTEND AND RECONNECT THE EXISTING COPPER SERVICE TO THE NEW WATER MAIN.
- WN3 EXISTING SERVICE TO BE ABANDONED WHEN THE WATER MAIN IS CUT OFF.
- WN4 DISCONNECT FROM THE OLD WATER MAIN AND RECONNECT THE EXISTING COPPER WATER SERVICE LATERAL TO THE NEW WATER MAIN.
- WN5 RELOCATE THE EXISTING FIRE HYDRANT.
- WN6 ABANDON WATER VALVE ACCESS STRUCTURE.
- WN7 FURNISH AND INSTALL THE NEW TOP SECTION FOR THE WATER ACCESS STRUCTURE.
- WN8 ABANDON THE VALVE BOX.
- WN9 FURNISH THE DITCH, COMPACTION, AND ALL MATERIALS AND LABOR FOR THE INSTALLATION OF NEW SERVICE LATERAL.
- WN10 REMOVE AND SALVAGE EXISTING HYDRANT
- WN11 REPLACE THE EXISTING COPPER SERVICE WITH A COPPER SERVICE
- WN20+ SEE WATER IMPACT PLAN FOR CONNECTION POINT ISOLATION AND WATER SHUT-OFF NOTFICATION INFORMATION.

ESTIMATE OF MATERIALS SUPPLIED BY CONTRACTOR:

* ESTIMATE OF MATERIALS IS FOR INFORMATION ONLY. ENGINEER DOES NOT GUARANTEE ACCURACY OF MATERIAL TAKE-OFF.
* ESTIMATE OF MATERIALS SHOWN ON THIS PAGE DOES NOT INCLUDE QUANTITIES FOR WATER UTILITY SHOWN ON SHEET W7.

20-FT - 4-IN PIPE	1 - 4-IN 90° BEND
60-FT - 6-IN PIPE	3 - 6-IN 90° BEND
1200-FT - 8-IN PIPE	2 - 8-IN 90° BEND
160-FT - 12-IN PIPE	
1,600-FT - POLYWRAP	2 - 8-IN 22-1/2° BEND
1 - 4-IN VALVE & BOX	1 - 8-IN X 4-IN REDUCER
3 - 6-IN VALVE & BOX	2 - 12-IN MJ PLUG
9 - 8-IN VALVE & BOX	
1 - 8-IN X 6-IN TEE	2 - 8-IN MJ CAP
7 - 8-IN X 8-IN TEE	2 - 12-IN MJ CAP
1 - 12-IN X 4-IN TEE	1 - 5-IN HYDRANT
2 - 12-IN X 6-IN TEE	144-FT - 2-IN STYROFOAM INSULATION
2 - 12-IN X 8-IN TEE	
3 - TEMPORARY HYDRANTS	2 - 12-IN X 18-IN OFFSET
	2 - 8-IN X 18-IN OFFSET

MATERIALS SUPPLIED BY CITY:

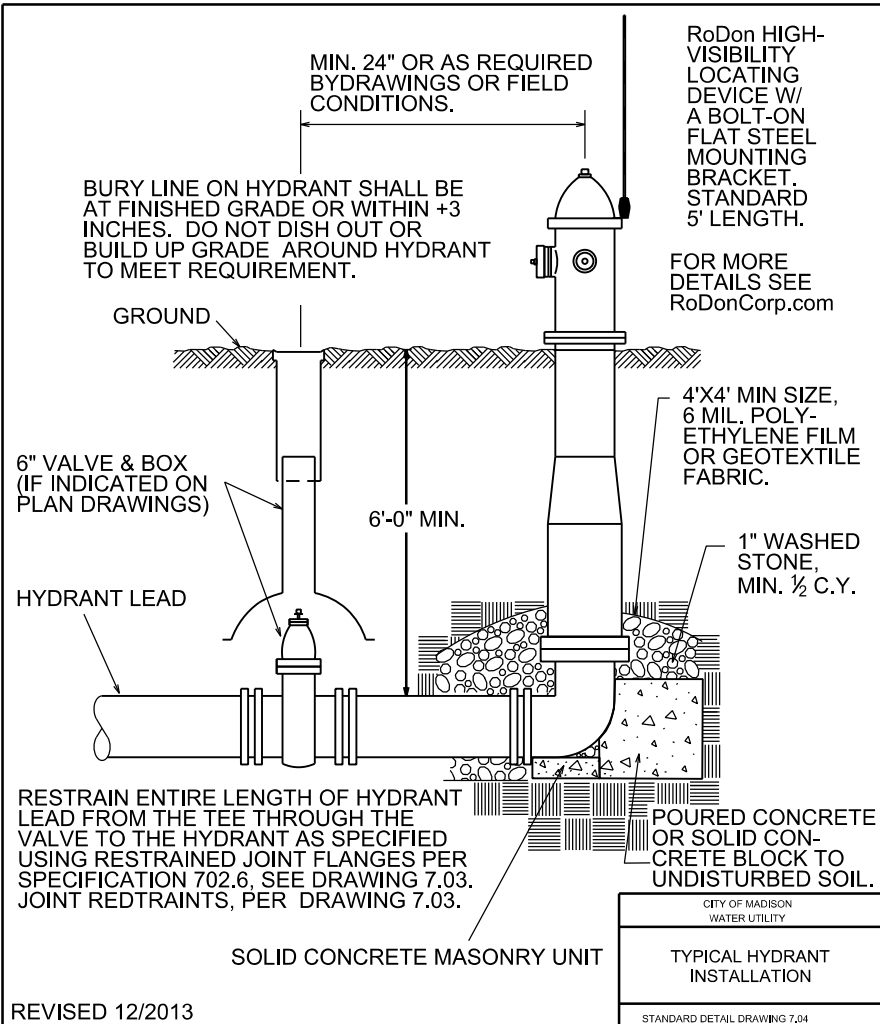
NONE

REUSED MATERIALS

NONE

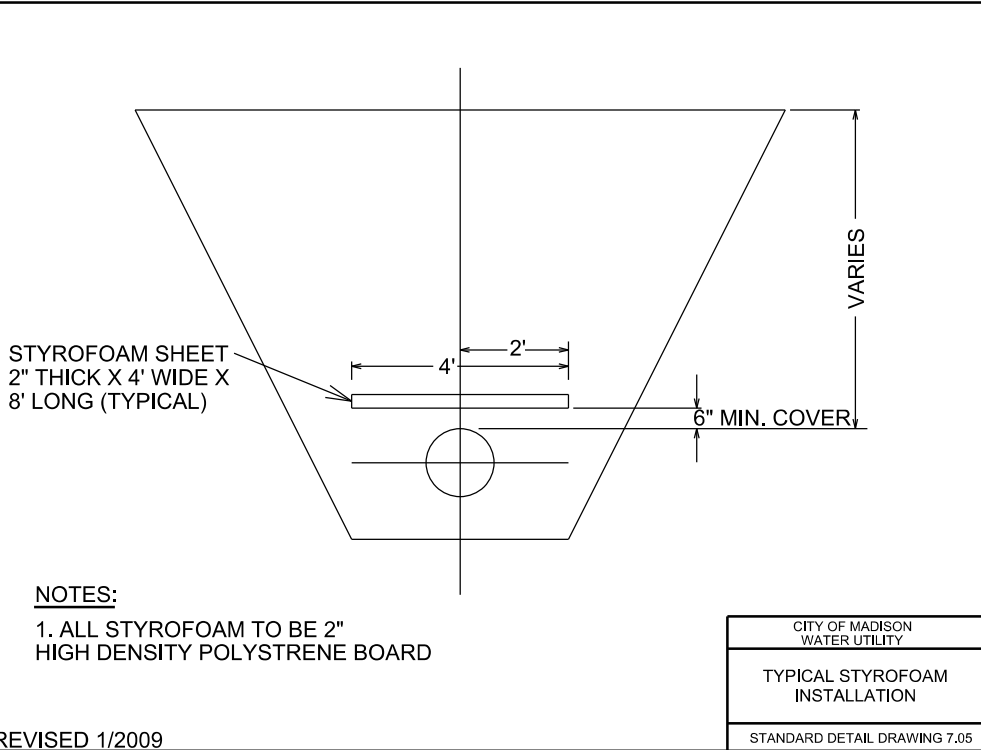
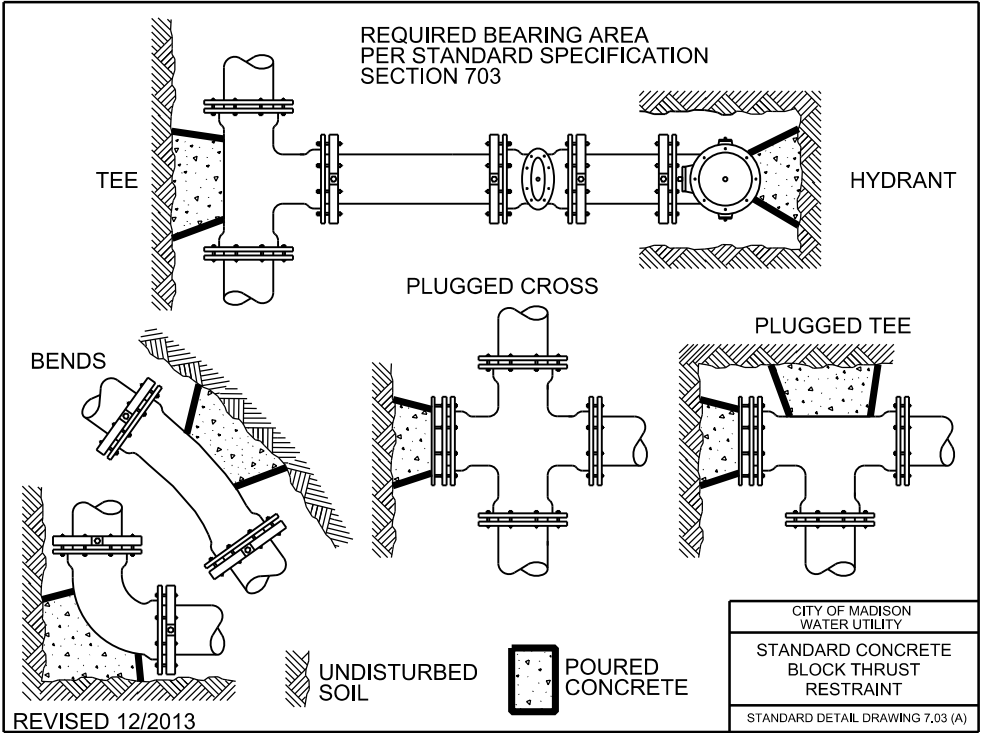
TO OBTAIN LOCATION OF PARTICIPANTS' UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN
CALL DIGGERS HOTLINE
TOLL FREE
811 OR 1-800-242-8511
FAX-A-LOCATE 1-800-338-3860
TDD (FOR HEARING IMPAIRED) 1-800-542-2289

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.

STATE STREET 700 / 800 BLOCKS PROJECT NO. 53W1193		SHEET NO. W9
WATER ESTIMATE OF MATERIALS		
STATE STREET		CITY OF MADISON
PM: DENNIS CAWLEY	DESIGNER: PEH	



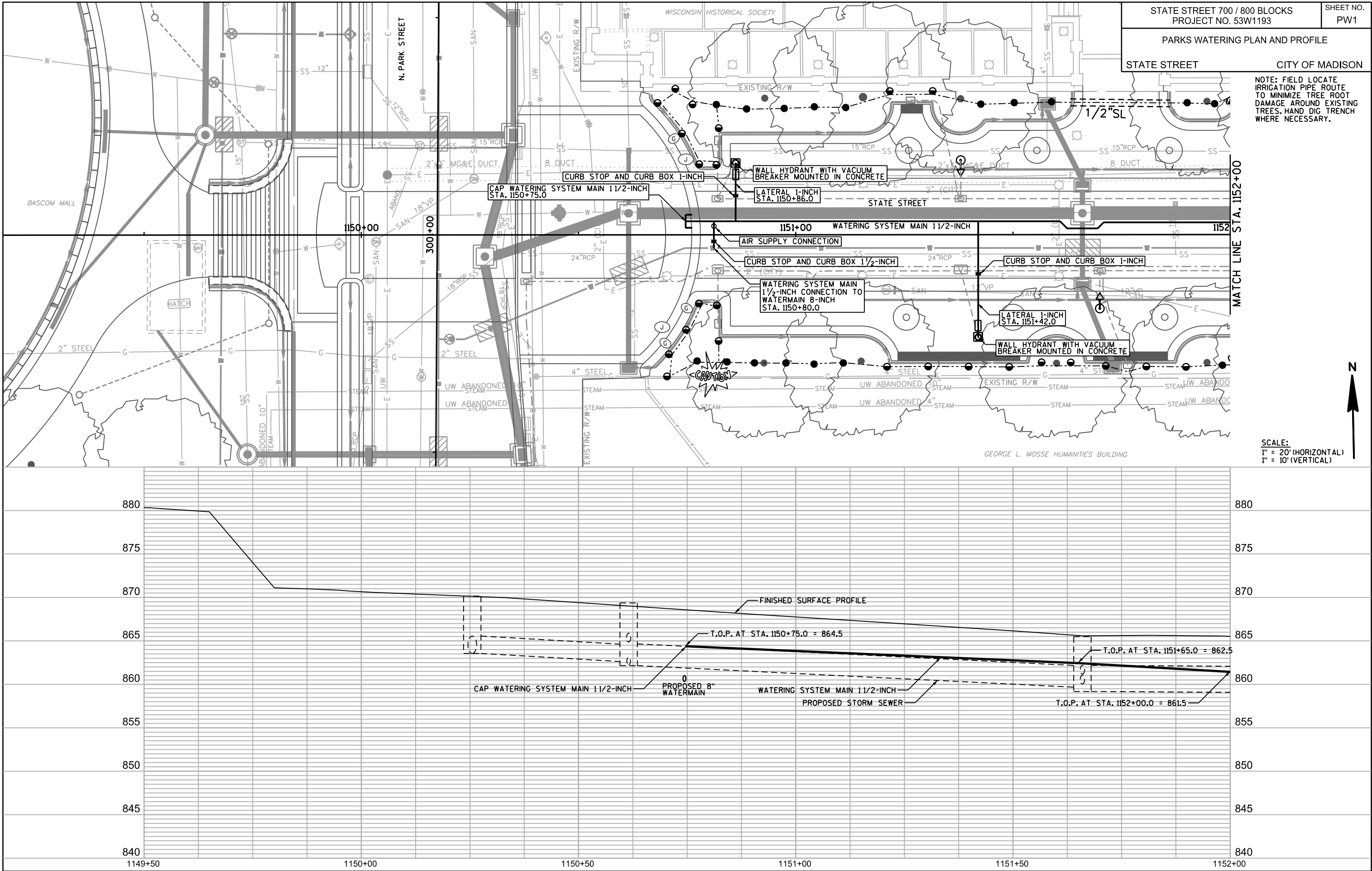
ULTIMATE DESIGN STRESSES:

NOTES:

1. NEW SLAB SECTION WAS DESIGNED FOR A MAXIMUM WHEEL LOAD OF 6,000 LBS.
2. MASONRY ANCHORS TYPE L NO. 4 BARS SHALL DEVELOP A MINIMUM PULLOUT CAPACITY OF 12 KIPS.
3. COVER ALL EXTERNAL SURFACES OF NEW CONCRETE WITH RUBBERIZED MEMBERANE WATERPROOFING. EXTEND TO 1'-0" BELOW THE CONSTRUCTION JOINT AT THE TOP OF THE WALLS AND EXTEND TO 2'-0" BEYOND THE CONSTRUCTION JOINT IN THE TOP SLAB.



WATER METER PIT DETAILS
SCALE: NONE BASCOM MALL



STATE STREET CITY OF MADISON

STATE STREET 700 / 800 BLOCKS
PROJECT NO. 53W1193
SHEET NO. PW2

PARKS WATERING PLAN AND PROFILE

STATE STREET **CITY OF MADISON**

WATERING SYSTEM MAIN 11 1/2-INCH

WALL HYDRANT WITH VACUUM BREAKER MOUNTED IN CONCRETE

LATERAL 1-INCH STA. 1152+38.0

CURB STOP AND CURB BOX 1-INCH

WALL HYDRANT WITH VACUUM BREAKER MOUNTED IN CONCRETE

LATERAL 1-INCH STA. 1153+95.5

CURB STOP AND CURB BOX 1-INCH

WALL HYDRANT WITH VACUUM BREAKER MOUNTED IN CONCRETE

LATERAL 1-INCH STA. 1153+42.0

CURB STOP AND CURB BOX 1-INCH

WALL HYDRANT WITH VACUUM BREAKER MOUNTED IN CONCRETE

WALL HYDRANT WITH VACUUM BREAKER MOUNTED IN CONCRETE

LATERAL 1/2-INCH STA. 1154+28.5, 16.0 FT.

CURB STOP AND CURB BOX 1 1/2-INCH

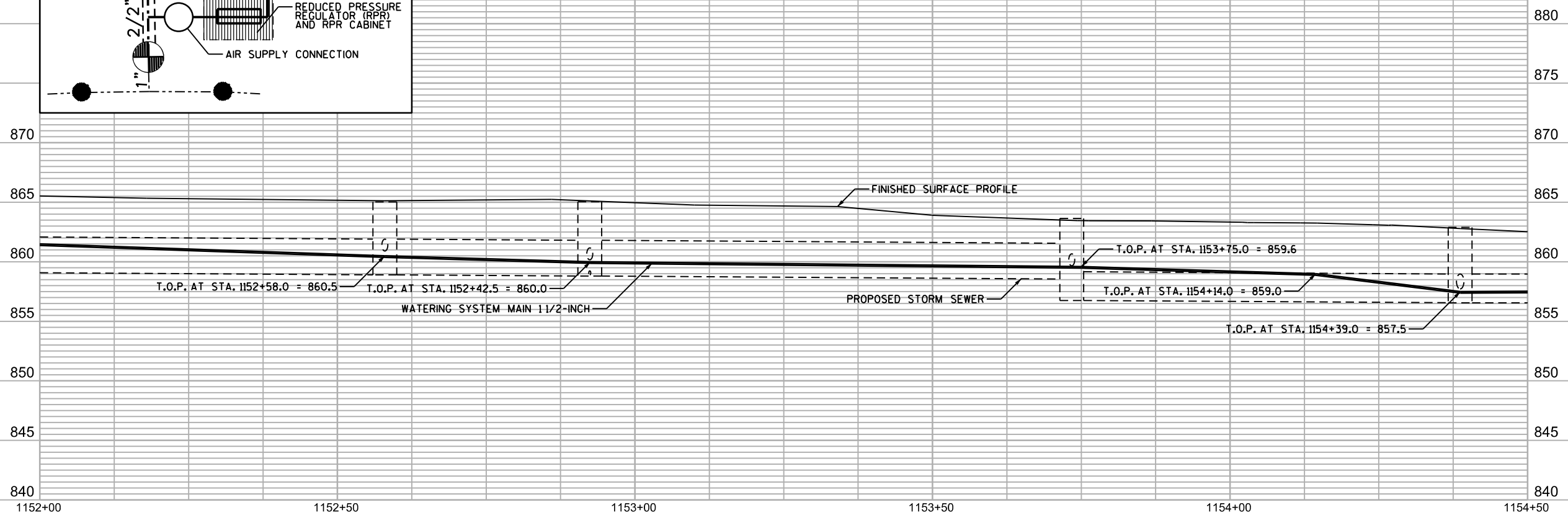
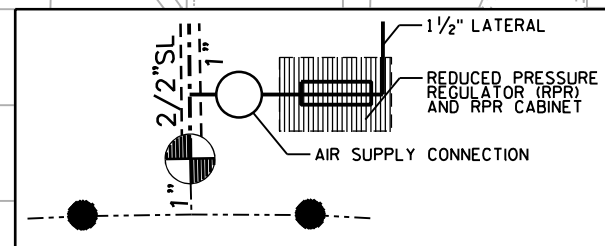
AIR SUPPLY CONNECTION

WATERING SYSTEM MAIN 1 1/2-INCH CONNECTION TO WATERMAIN 8-INCH STA. 1152+06.5

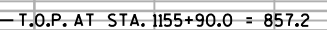
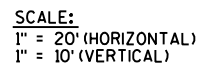
SEE DETAIL

SCALE:
1" = 20' (HORIZONTAL)
1" = 10' (VERTICAL)

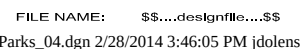
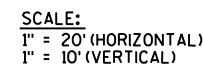
SCALE:
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1" = 10' (VERTICAL)



STATE STREET CITY OF MADISON



CITY OF MADISON



PLOT SCALE:

PLOT NAME:

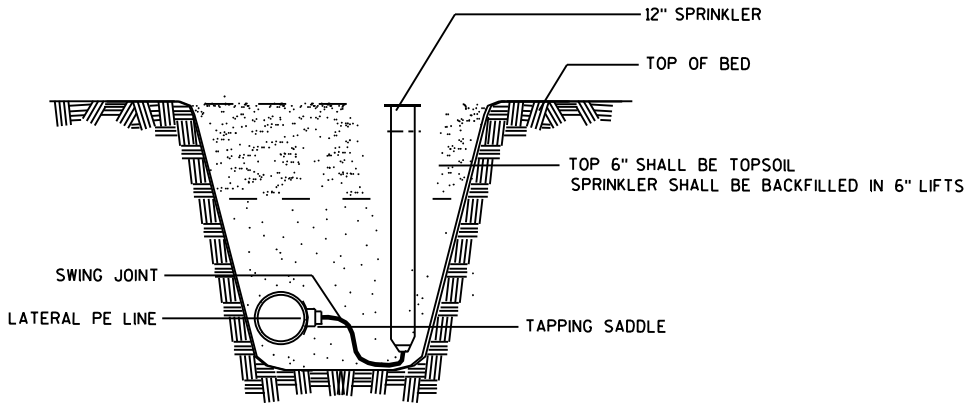
REV. DATE:

ORIGINATOR: CITY OF MADISON, STREET'S DIVISION

STATE STREET 700 / 800 BLOCKS PROJECT NO. 53W1193	SHEET NO. PW5
PARKS WATERING DETAILS	
STATE STREET	CITY OF MADISON

GENERAL IRRIGATION NOTES

- COORDINATE ALL SLEEVES AND WALL PENETRATIONS WITH GENERAL CONTRACTOR.
IRRIGATION CONTRACTOR IS RESPONSIBLE FOR BORES, SLEEVES OR PENETRATIONS RELATED TO THE IRRIGATION.
- IRRIGATION HEADS AND LINES ARE SCHEMATIC - MINOR FIELD ADJUSTMENTS MAY BE REQUIRED.
- INSTALL ALL PIPING AND FITTINGS USING GLUE METHODS CONSISTANT WITH MANUFACTURER'S RECOMMENDATIONS.
- MAINLINE PIPING SHALL BE INSTALLED AT A MINIMUM DEPTH OF 30" TOP OF PIPE.
LATERAL LINES SHALL BE INSTALLED AT A MINIMUM DEPTH OF 20" TOP OF PIPE.
- CAP OR PLUG ALL OPENINGS AS SOON AS LINES ARE INSTALLED TO PREVENT DEBRIS IN THE LINE.
- THOROUGHLY FLUSH ALL LINES PRIOR TO THE OPERATION OF SPRINKLER HEADS.
- THE IRRIGATION SYSTEM SHALL BE TESTED AT OPERATING PRESSURE FOR A MINIMUM OF 4 HOURS.
REPAIR ALL LEAKS AND RETEST AFTER CURING.
- UPON COMPLETION OF TEST, COMPLETE ASSEMBLY OF ALL EQUIPMENT AND SPRINKLERS FOR PROPER DISTRIBUTION.
- PROVIDE 'AS BUILT' DRAWINGS SHOWING ALL COMPONENTS OF THE SYSTEM PRIOR TO FINAL PAYMENT.
PROVIDE FINAL GPM OF ZONES, WIRE RUNS, HEADS, VALVES, PIPE SIZES, ETC.
- SLEEVE UNDER SIDEWALK, WALLS, PAVERS, AND STRUCTURAL SLABS.
-SLEEVE WIRE AND PIPING SEPARATELY, SEE PLAN FOR SIZING.
- SWING PIPE OR FUNNY PIPE NOT ALLOWED. CONTRACTOR TO USE UNITIZED SWING JOINTS BY RAINBIRD.



CONTRACTOR TO USE PRE-MANUFACTURED SWING JOINTS IN PLACE OF FLEX PIPING

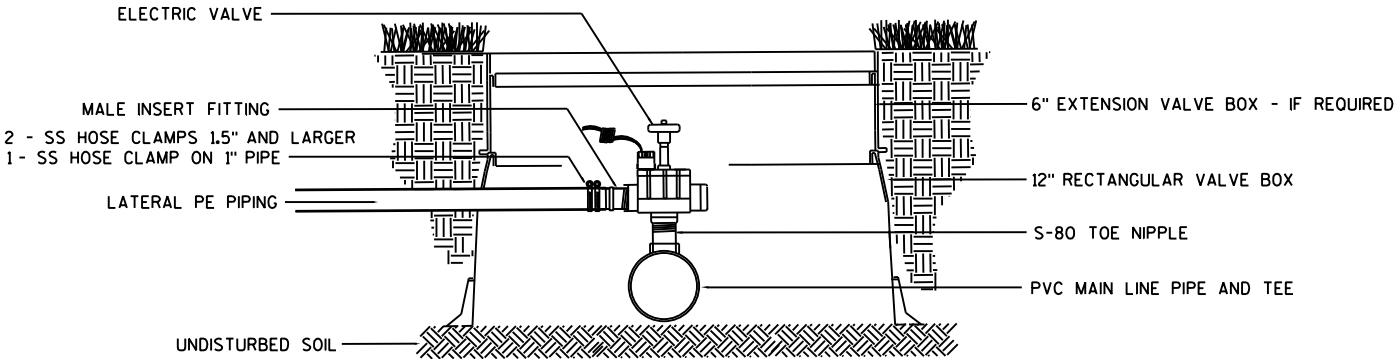
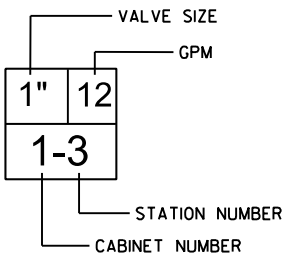
12" SPRAY HEAD DETAIL
SCALE: NONE

IRRIGATION LEGEND

- RAINBIRD 1812-SAM PRS-P30 12" SPRAYHEAD FULL CIRCLE
SPRAY NOZZLES VARY
- RAINBIRD 1812-SAM PRS-P30 12" SPRAYHEAD PART CIRCLE
SPRAY NOZZLES VARY
- 1" CL 200 PVC PIPE - MAINLINE
- 1" HD100 PE PIPE - LATERAL LINES
- RAINBIRD ESP MODULAR SERIES 4 STATION CONTROLLER
- RAINBIRD 100-PGA ELECTRIC VALVE 1-INCH & VB-STD VALVE BOX WITH BLACK LID
- 1" PIPE SIZE
- PVC SCHEDULE 80 SLEEVE - MINIMUM SIZE PER PLAN

4/2" SL

WIRE SLEEVE SIZE
PIPE SLEEVE



ELECTRIC VALVE - PE PIPE DETAIL
SCALE: NONE

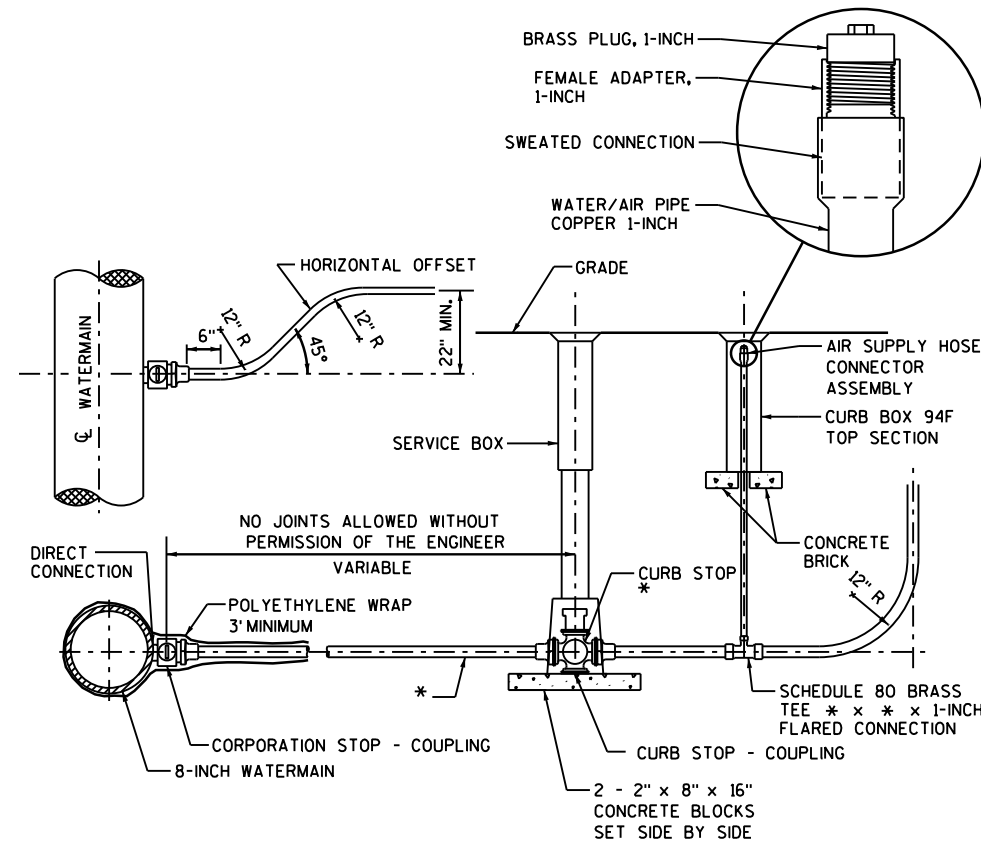
PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREET'S DIVISION

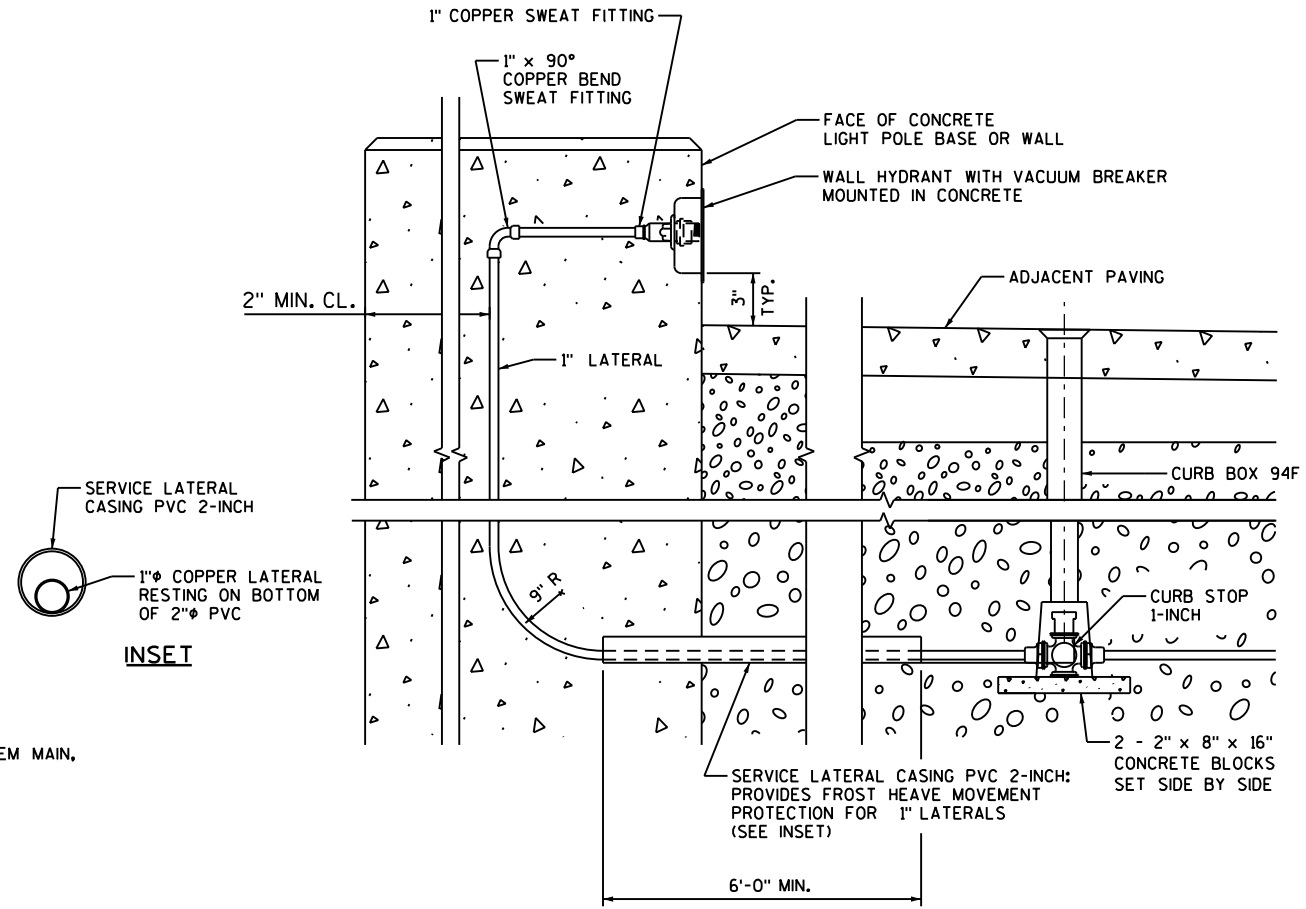
STATE STREET 700 / 800 BLOCKS PROJECT NO. 53W1193	SHEET NO. PW6
PARKS WATERING DETAILS	
STATE STREET	CITY OF MADISON



PARKS WATERING, IRRIGATION SYSTEM AND DRINKING FOUNTAIN CONNECTIONS

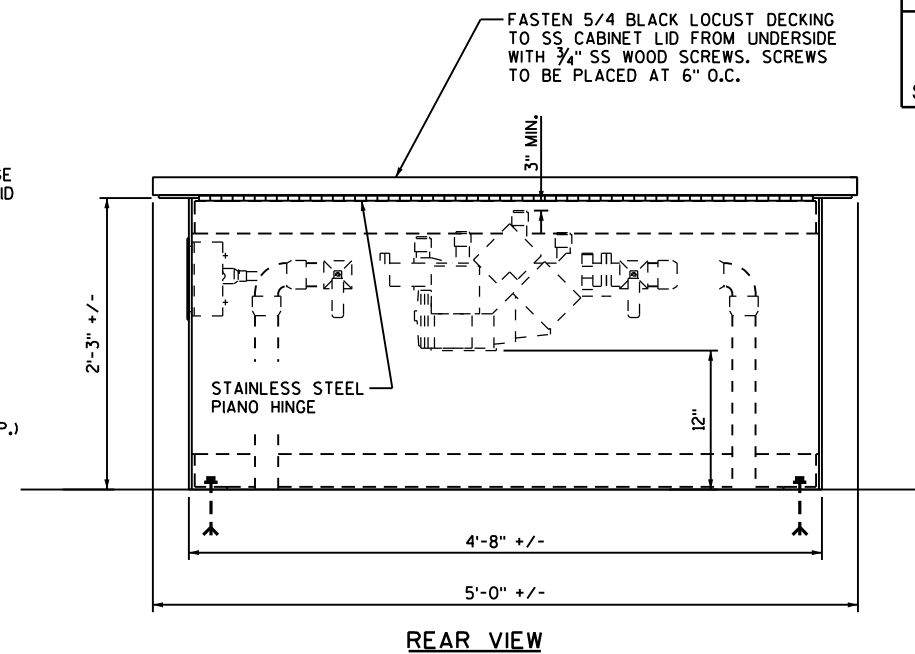
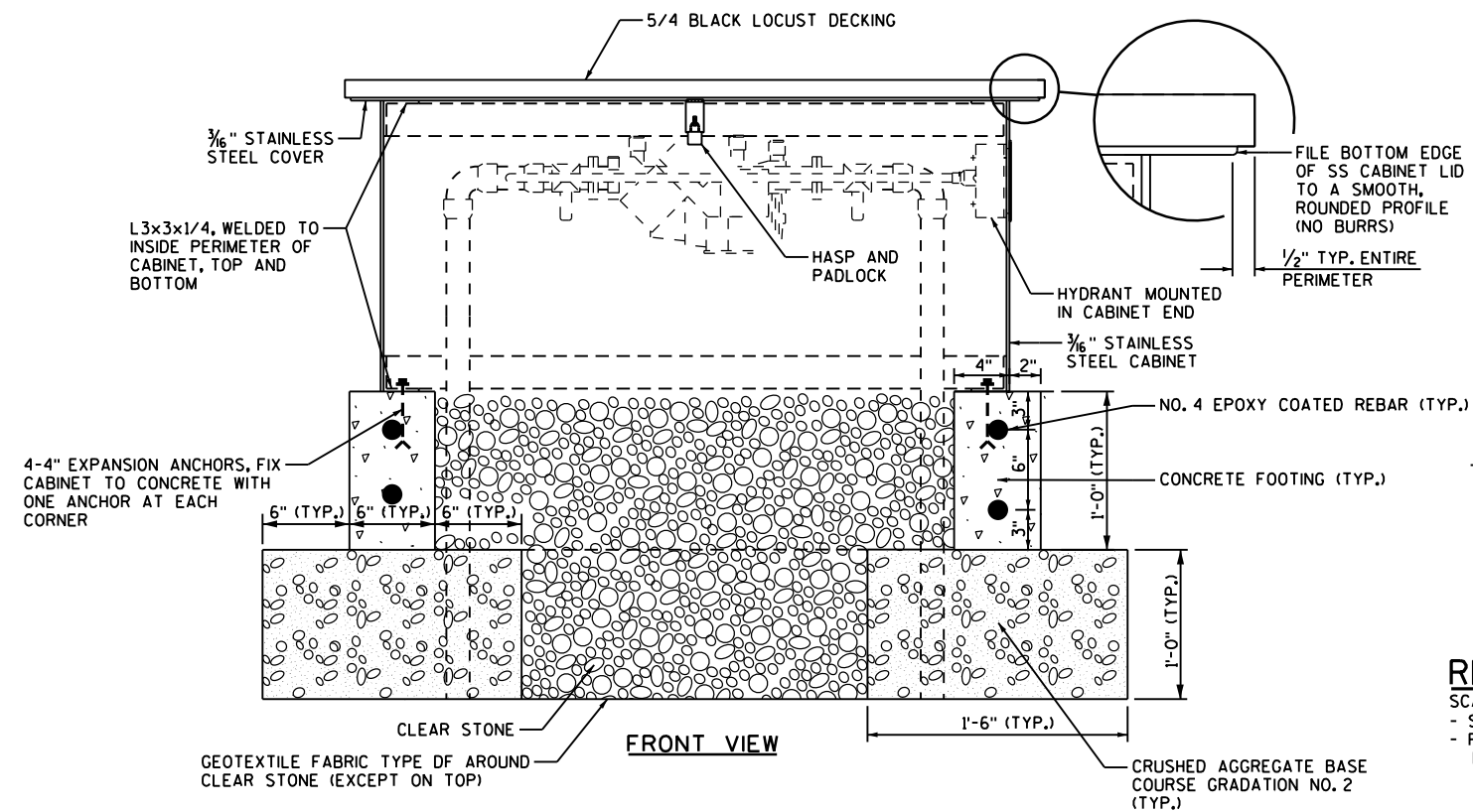
WATER SERVICE & AIR SERVICE DETAIL

- SCALE: NONE
- IRRIGATION SYSTEM: NON-POTABLE WATER
 - ALL PARKS WATERING SYSTEM WALL HYDRANTS: POTABLE WATER



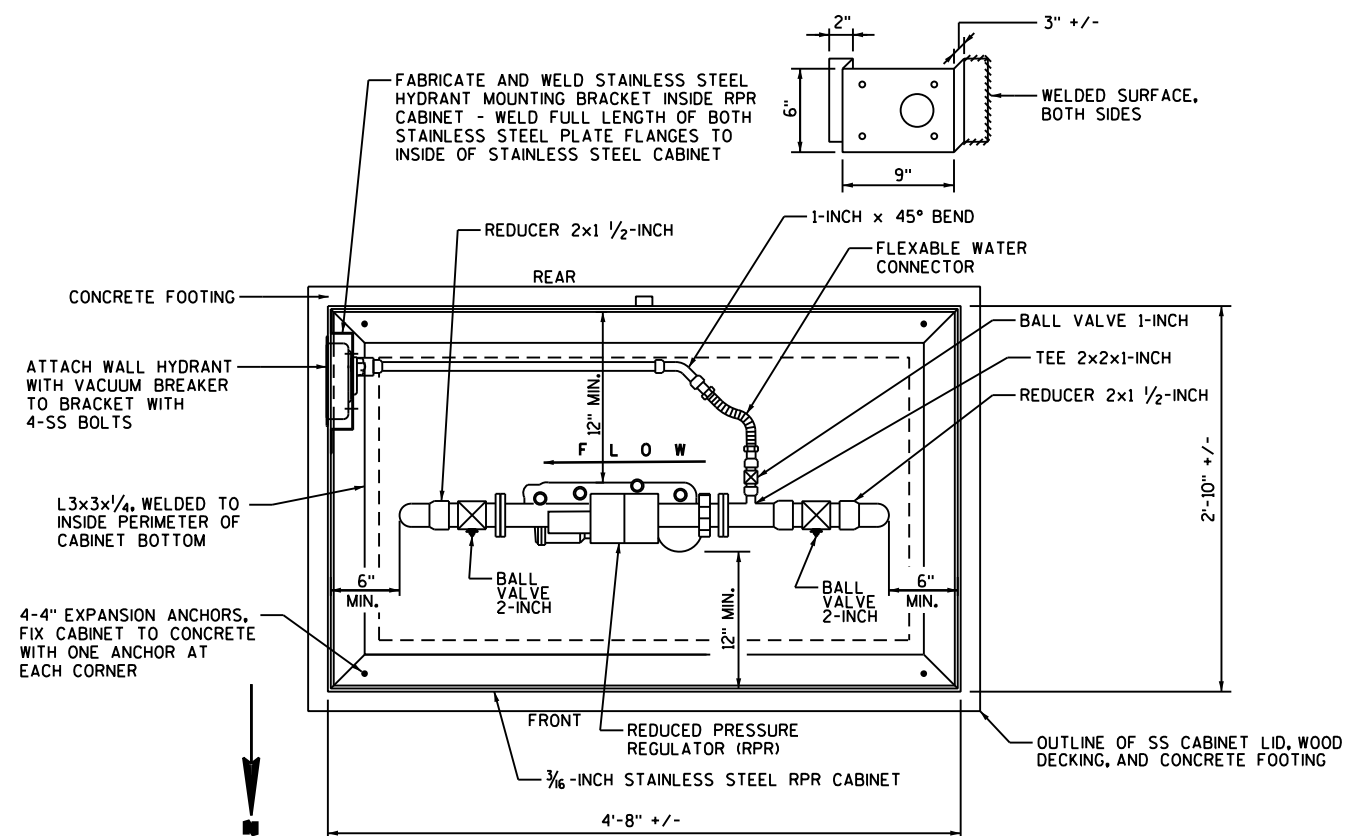
WALL HYDRANT WITH VACUUM BREAKER MOUNTED IN CONCRETE

- SCALE: NONE
- SEE CONSTRUCTION DETAILS FOR CONCRETE BASE LB-8 RAISED FOR ADDITIONAL INFORMATION.
 - ALL WALL HYDRANTS SHALL BE INSTALLED WITH A HOSE CONNECTION VACUUM BREAKER PER SPECIFICATIONS.



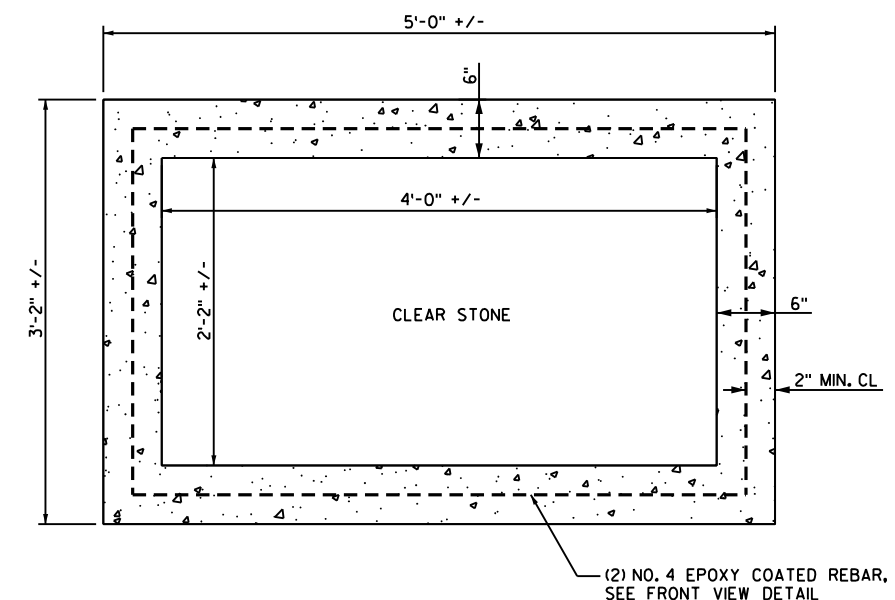
REDUCED PRESSURE REGULATOR CABINET ELEVATIONS

- SCALE: NONE
- SEE CABINET PLAN VIEW AND SCHEMATIC FOR ADDITIONAL INFORMATION
 - RPR CABINET DIMENSIONS ARE FOR ESTIMATING PURPOSES ONLY. THE CABINET WILL BE SIZED TO FOR THE RPR AND MAINTAIN THE FOLLOWING MINIMUM CLEARANCES:
 - 12" CLEAR FROM CONCRETE TO LOWEST POINT OF RPR
 - 6" CLEAR FROM CABINET ENDS TO BOTH ENDS OF RPR ASSEMBLY
 - 12" CLEAR FROM CABINET FACES TO FRONT & BACK OF RPR ASSEMBLY
 - 3" CLEAR FROM CABINET TOP TO HIGHEST POINT OF RPR ASSEMBLY



REDUCED PRESSURE REGULATOR CABINET PLAN

- SCALE: NONE
- SEE PARKS WATERING PLAN AND PROFILE SHEETS FOR ADDITIONAL INFORMATION
 - SEE ELEVATION VIEWS OF CABINET ON THIS SHEET FOR ADDITIONAL INFORMATION



REDUCED PRESSURE REGULATOR CABINET CONCRETE FOOTING PLAN

SCALE: NONE

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREET'S DIVISION

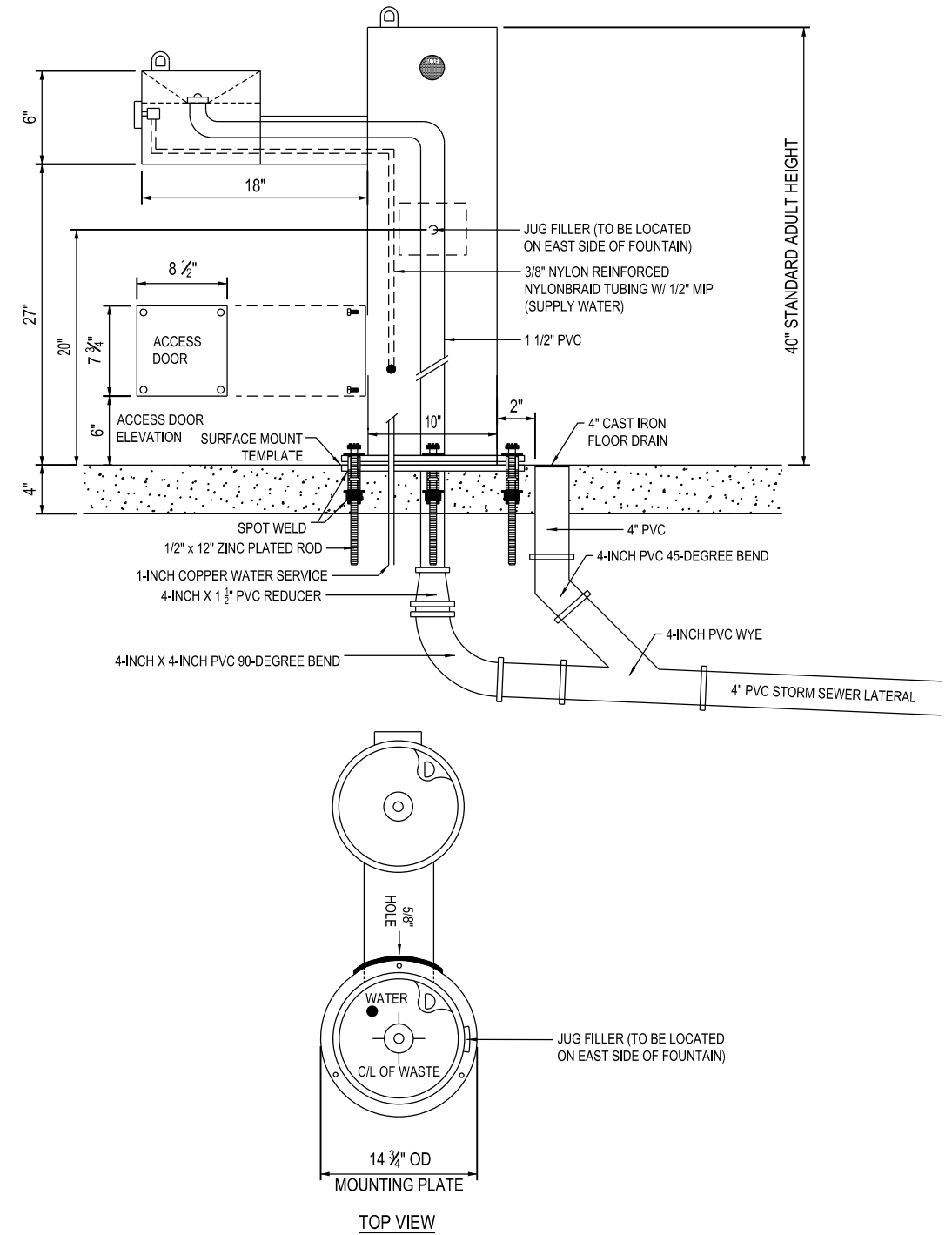
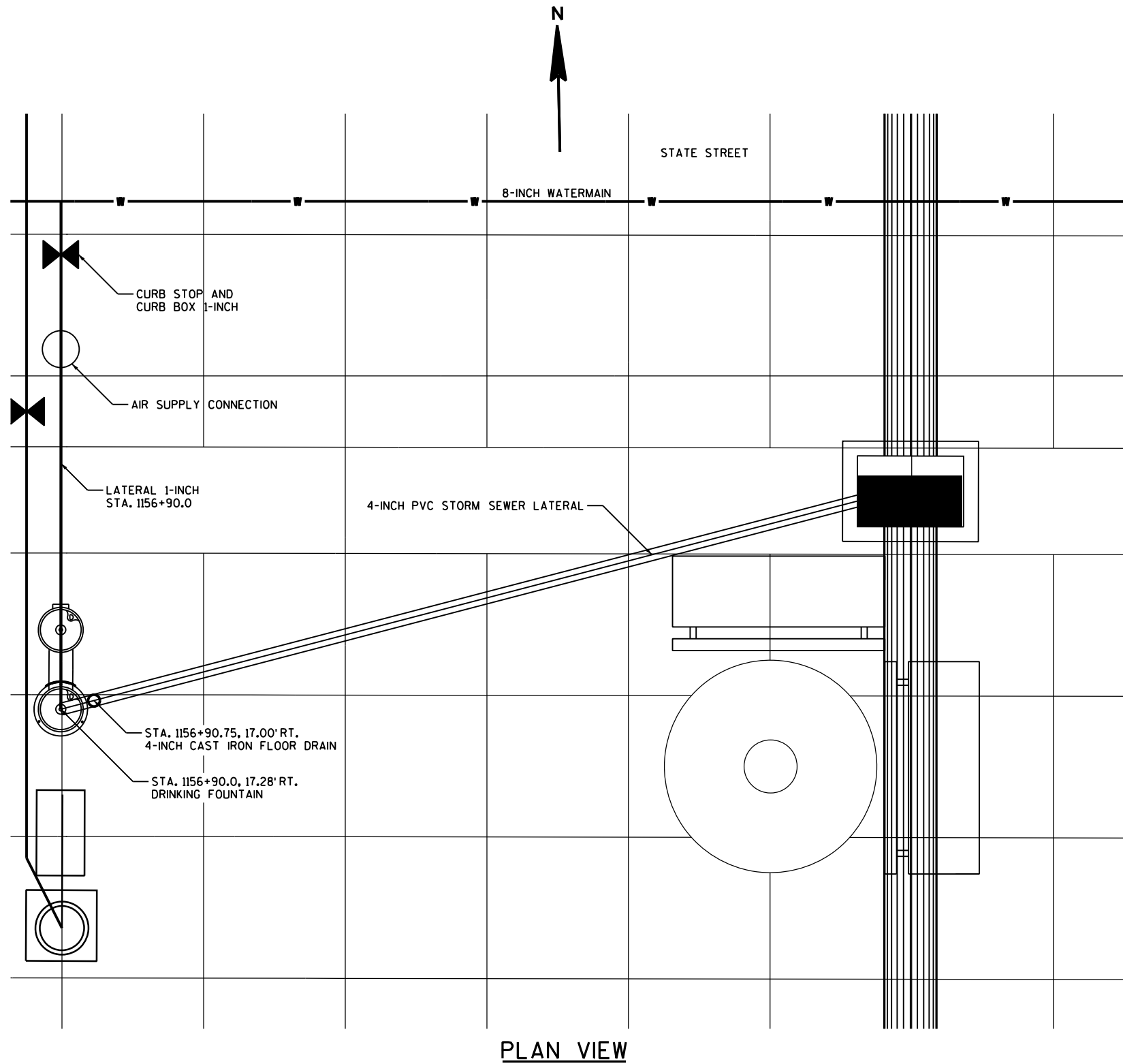
PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREET'S DIVISION

STATE STREET 700 / 800 BLOCKS PROJECT NO. 53W1193	SHEET NO. PW8
PARKS WATERING DETAILS	
STATE STREET	CITY OF MADISON



- NOTES:
1. MEETS ADA REGULATIONS.
 2. DO NOT SCALE DRAWINGS.
 3. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
 4. OPTIONAL STAINLESS STEEL SURFACE CARRIER RECOMMENDED.

DRINKING FOUNTAIN DETAIL

SCALE: NONE

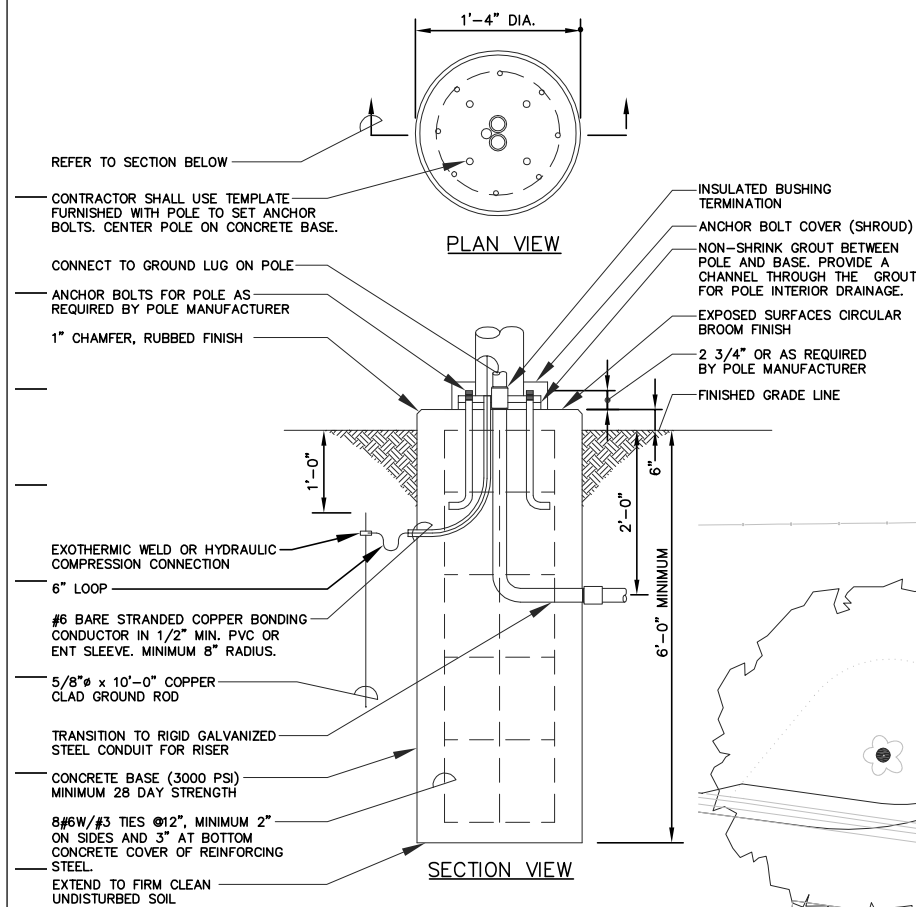
**CONNECT TO EXISTING
CIRCUIT SERVING LIGHTING
IN THIS AREA; MATCH
CONDUIT AND WIRE SIZE.**

LUMINAIRE SCHEDULE

CATALOG NUMBER SHALL NOT BE CONSIDERED COMPLETE AND MATERIAL SHALL NOT BE ORDERED BY MANUFACTURER AND CATALOG NUMBER ONLY. THE COMPLETE DESCRIPTION AND THE SPECIFICATION SHALL BE COORDINATED WITH THE CATALOG NUMBER TO DETERMINE THE EXACT MATERIAL AND ACCESSORIES TO BE ORDERED.

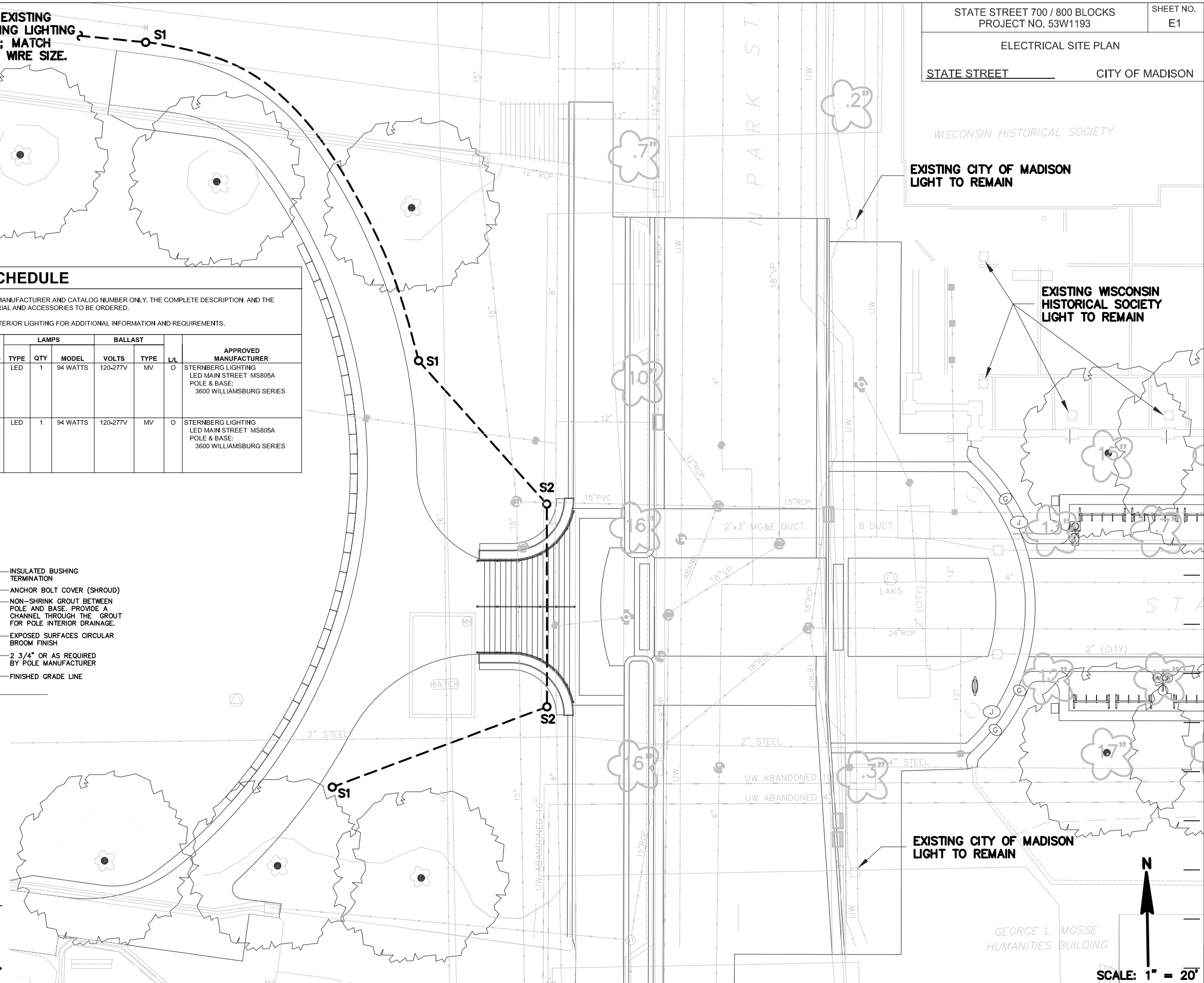
REFER TO SPECIFICATION SECTIONS IN THE UNIVERSITY OF WISCONSIN TECHNICAL GUIDELINES FOR EXTERIOR LIGHTING FOR ADDITIONAL INFORMATION AND REQUIREMENTS.

ITEM	DESCRIPTION	DIMENSIONS				MTG	LAMPS			BALLAST		L/L	APPROVED MANUFACTURER
		L	W	H	DIA		TYPE	QTY	MODEL	VOLTS	TYPE		
S1	PEDESTRIAN POST TOP LANTERN, EIGHT-SIDED CAGE WITH DECORATIVE SPIKES, CLEAR SEEDED ACRYLIC LENS, 4-INCH FITTER, LED ROOF-MOUNTED OPTICS, TYPE III DISTRIBUTION, ALUMINUM POLE, 4-INCH O.D. SMOOTH STRAIGHT SHAFT, 12-FT, CAST ALUMINUM CURVIFORM SHAPE BASE, BLACK FINISH, PROVIDE SINGLE FUSE AND HOLDER.	17.5"	17.5"	38"		PL @ 12"	LED	1	94 WATTS	120-277V	MV	O	STERNBERG LIGHTING LED MAIN STREET MS805A POLE & BASE: 3600 WILLIAMSBURG SERIES
S2	PEDESTRIAN POST TOP LANTERN, EIGHT-SIDED CAGE WITH DECORATIVE SPIKES, CLEAR SEEDED ACRYLIC LENS, 4-INCH FITTER, LED ROOF-MOUNTED OPTICS, TYPE V DISTRIBUTION, ALUMINUM POLE, 4-INCH O.D. SMOOTH STRAIGHT SHAFT, 10-FT, CAST ALUMINUM CURVIFORM SHAPE BASE, BLACK FINISH, PROVIDE SINGLE FUSE AND HOLDER.	17.5"	17.5"	38"		PL @ 10"	LED	1	94 WATTS	120-277V	MV	O	STERNBERG LIGHTING LED MAIN STREET MS805A POLE & BASE: 3600 WILLIAMSBURG SERIES



S1, S2 POLE BASE DETAIL

NO SCALE



**EXISTING CITY OF MADISON
LIGHT TO REMAIN**

EXISTING WISCONSIN HISTORICAL SOCIETY LIGHT TO REMAIN

**EXISTING CITY OF MADISON
LIGHT TO REMAIN**

SCALE: 1" = 20'

STATE STREET CITY OF MADISON

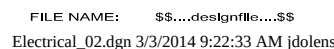
—EXISTING WISCONSIN HISTORICAL
SOCIETY LIGHT TO REMAIN

SCALE. _____

SCALE: 1" = 20'

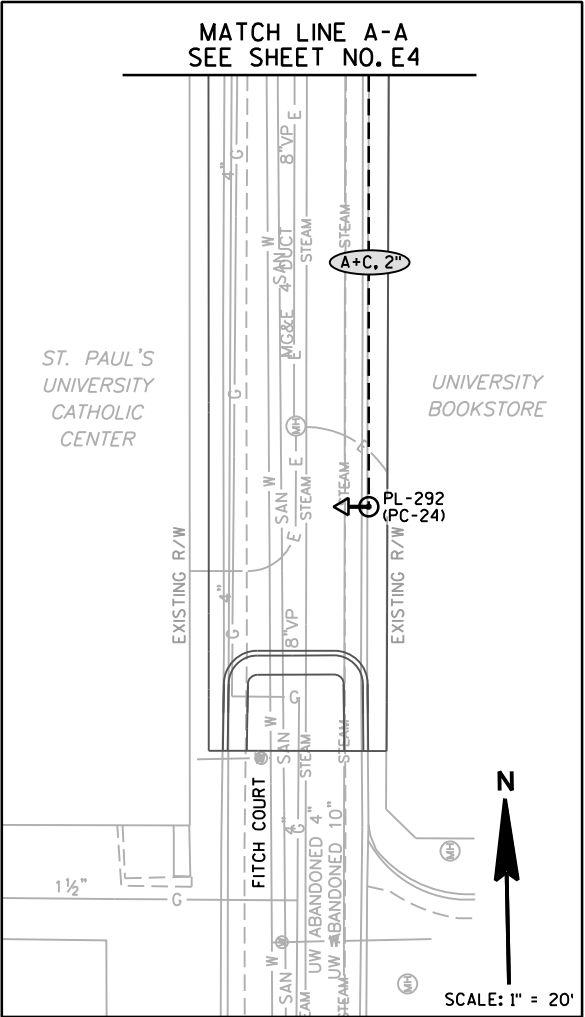
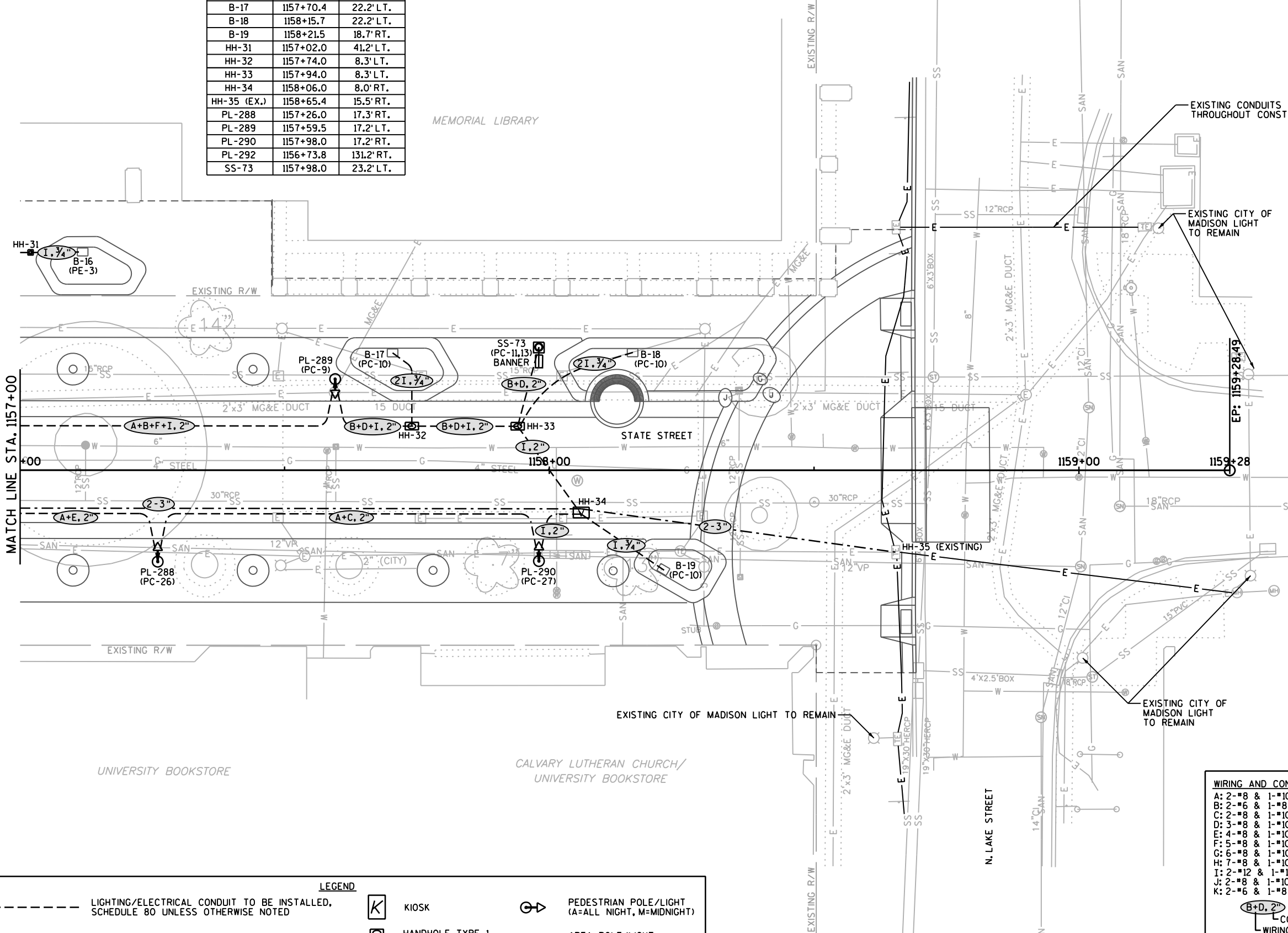
	PEDESTRIAN POLE/LIGHT (A=ALL NIGHT, M=MIDNIGHT)
	AREA POLE/LIGHT (A=ALL NIGHT, M=MIDNIGHT)
	ELECTRICAL OUTLET (VOLTAGE)

STRUCTURE	STATION	OFFSET
PL-280	1153+10.0	16.4' RT.
PL-281	1153+42.0	17.2' LT.
SS-65	1151+42.0	23.5' RT.
SS-66	1152+38.0	21.0' LT.
SS-67	1153+42.0	23.5' RT.
SS-68	1153+45.5	22.7' LT.



STRUCTURE	STATION	OFFSET
B-16	1157+11.8	41.2' LT.
B-17	1157+70.4	22.2' LT.
B-18	1158+15.7	22.2' LT.
B-19	1158+21.5	18.7' RT.
HH-31	1157+02.0	41.2' LT.
HH-32	1157+74.0	8.3' LT.
HH-33	1157+94.0	8.3' LT.
HH-34	1158+06.0	8.0' RT.
HH-35 (EX.)	1158+65.4	15.5' RT.
PL-288	1157+26.0	17.3' RT.
PL-289	1157+59.5	17.2' LT.
PL-290	1157+98.0	17.2' RT.
PL-292	1156+73.8	131.2' RT.
SS-73	1157+98.0	23.2' LT.

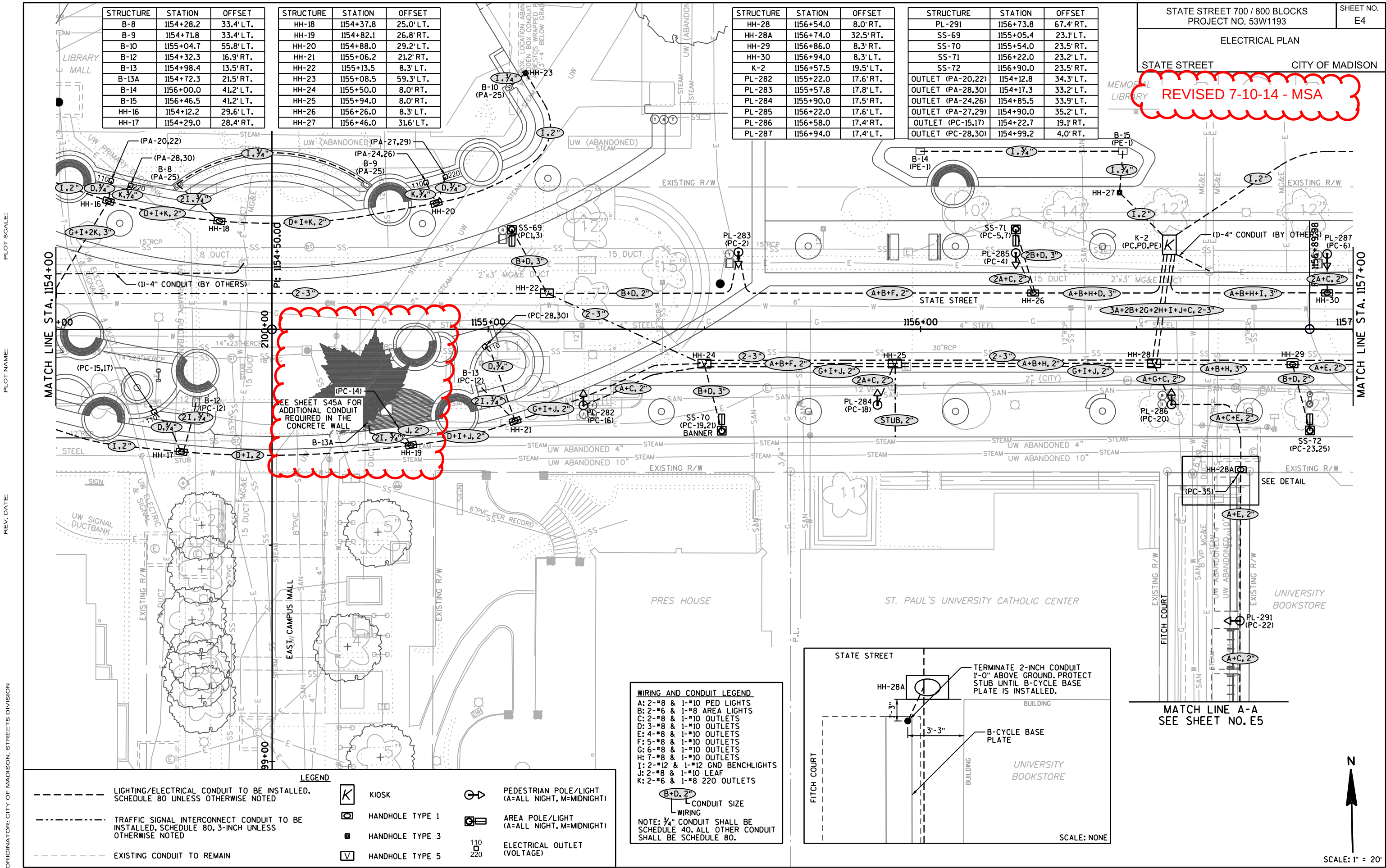
MEMORIAL LIBRARY



LEGEND		
---	LIGHTING/ELECTRICAL CONDUIT TO BE INSTALLED, SCHEDULE 80 UNLESS OTHERWISE NOTED	KIOSK
---	TRAFFIC SIGNAL INTERCONNECT CONDUIT TO BE INSTALLED, SCHEDULE 80, 3-INCH UNLESS OTHERWISE NOTED	HANDHOLE TYPE 1
---	EXISTING CONDUIT TO REMAIN	HANDHOLE TYPE 3
		HANDHOLE TYPE 5
		PEDESTRIAN POLE/LIGHT (A=ALL NIGHT, M=MIDNIGHT)
		AREA POLE/LIGHT (A=ALL NIGHT, M=MIDNIGHT)
		ELECTRICAL OUTLET (VOLTAGE)

WIRING AND CONDUIT LEGEND	
A:	2-#8 & 1-#10 PED LIGHTS
B:	2-#6 & 1-#8 AREA LIGHTS
C:	2-#8 & 1-#10 OUTLETS
D:	3-#8 & 1-#10 OUTLETS
E:	4-#8 & 1-#10 OUTLETS
F:	5-#8 & 1-#10 OUTLETS
G:	6-#8 & 1-#10 OUTLETS
H:	7-#8 & 1-#10 OUTLETS
I:	2-#12 & 1-#12 GND BENCHLIGHTS
J:	2-#8 & 1-#10 LEAF
K:	2-#6 & 1-#8 220 OUTLETS
B+D, 2" CONDUIT SIZE	
WIRING	
NOTE: 3/4" CONDUIT SHALL BE SCHEDULE 40. ALL OTHER CONDUIT SHALL BE SCHEDULE 80.	

PLOT SCALE:
PLOT NAME:
REV. DATE:
ORIGINATOR: CITY OF MADISON, STREET'S DIVISION



FILE NAME: P:\370s\373\00373018\CADD\Plans\hts\Electrical\Electrical_03.dgn

DATE: 7/10/2014

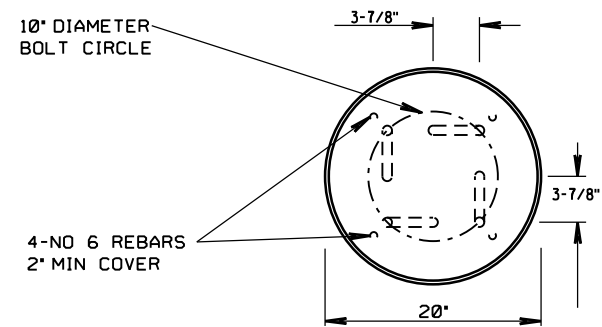
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PLOT NAME:

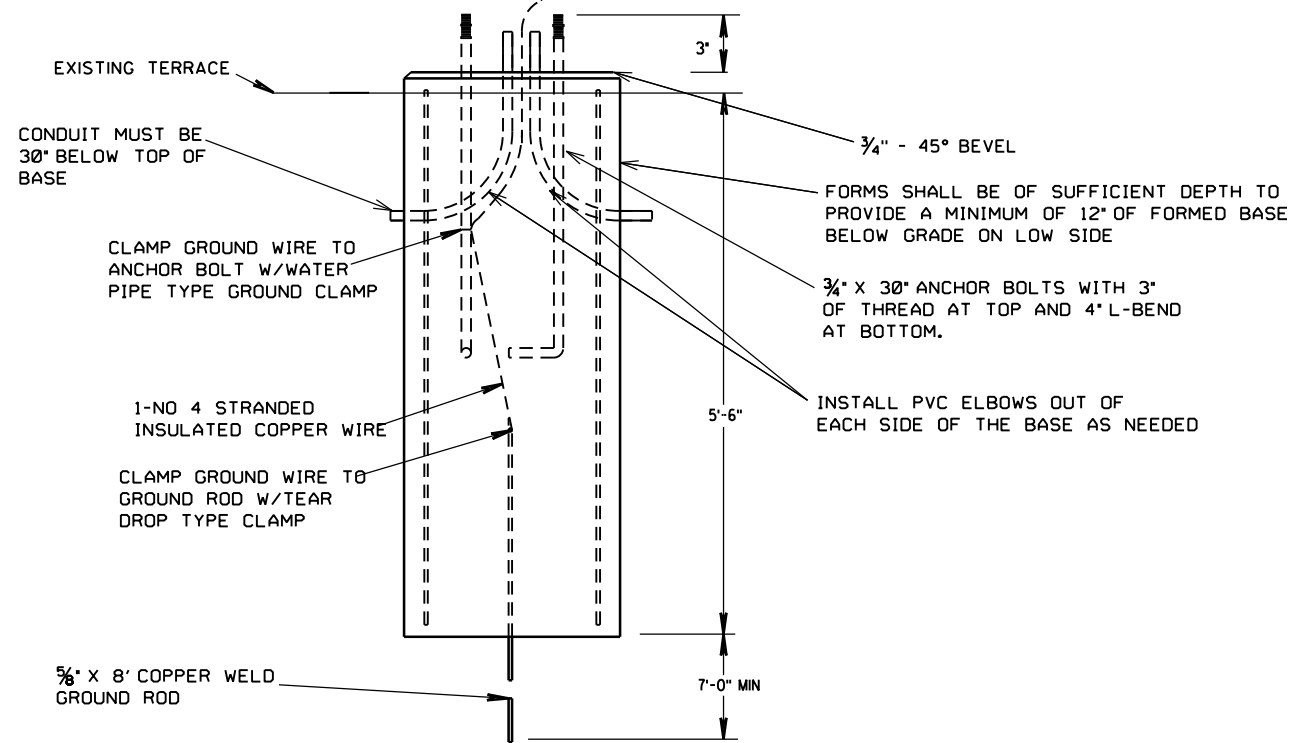
REV. DATE:

ORIGINATOR: CITY OF MADISON, STREET'S DIVISION

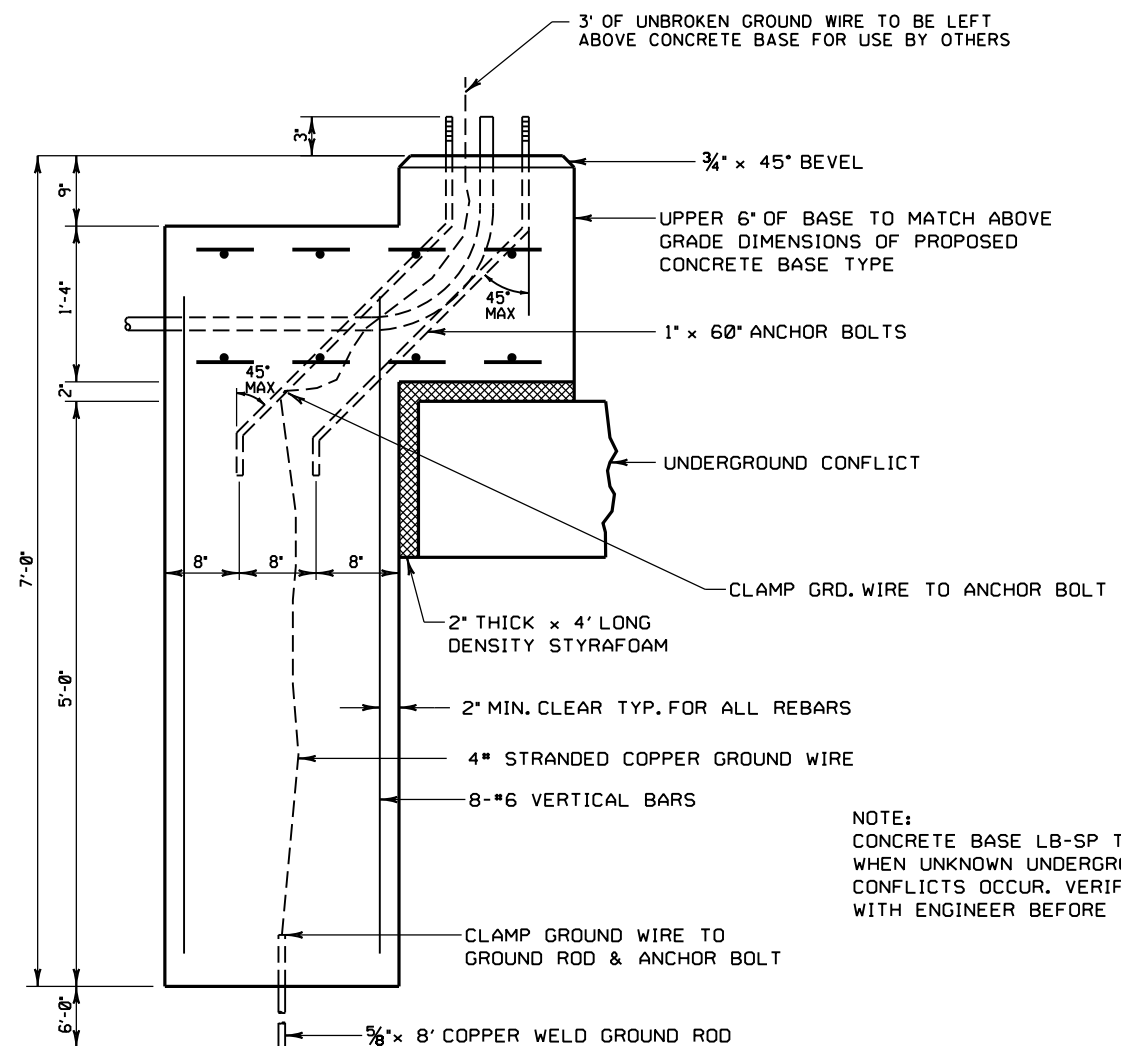
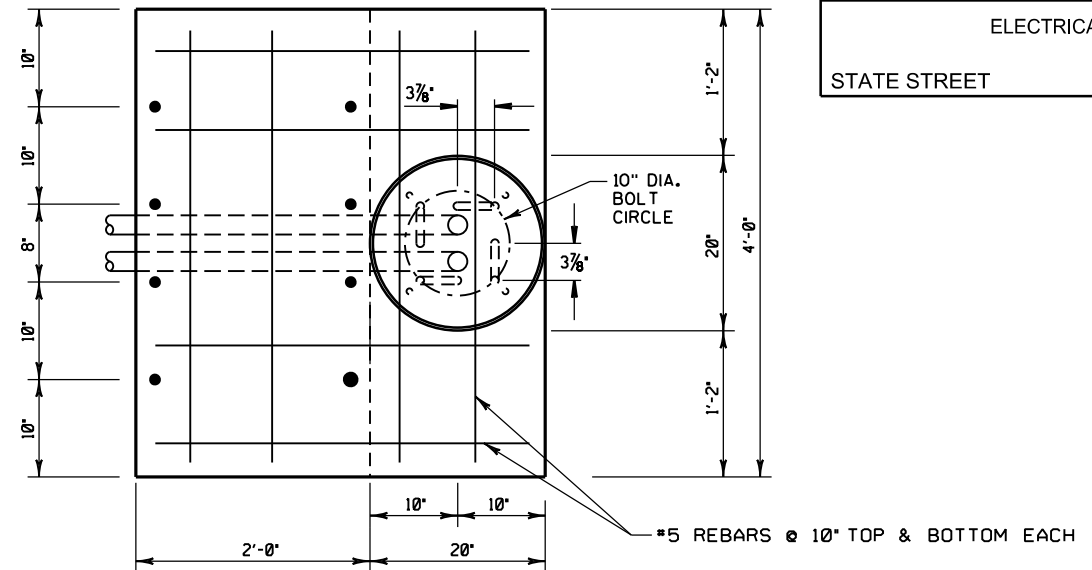
STATE STREET 700 / 800 BLOCKS PROJECT NO. 53W1193		SHEET NO. E6
ELECTRICAL DETAILS		
STATE STREET		CITY OF MADISON



3' OF UNBROKEN GROUND
WIRE TO BE LEFT ABOVE
CONCRETE BASE FOR USE BY OTHERS



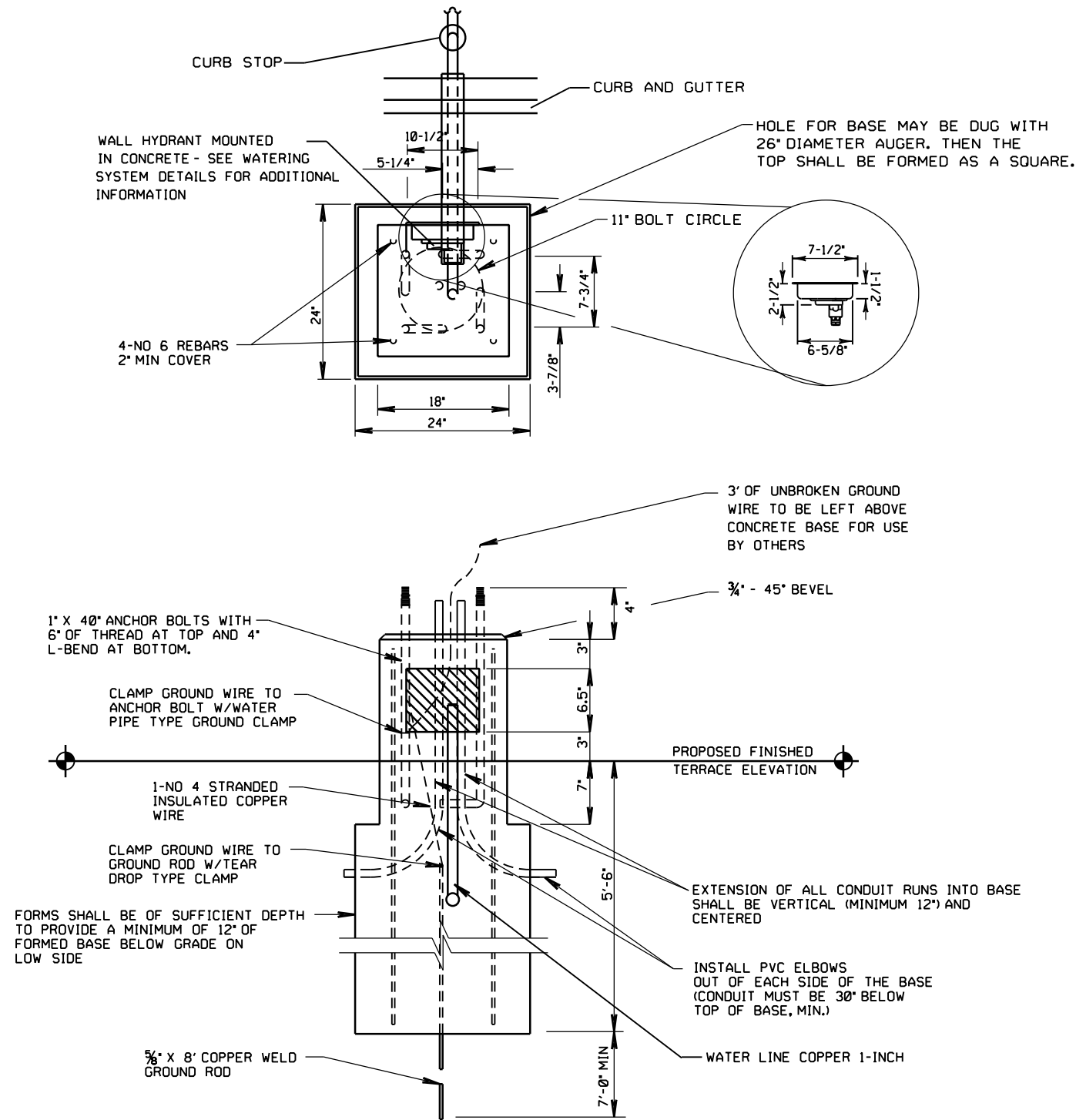
CONCRETE BASE LB-3 MODIFIED
SCALE: NONE



NOTE:
CONCRETE BASE LB-SP TO BE USED
WHEN UNKNOWN UNDERGROUND UTILITY
CONFLICTS OCCUR. VERIFY NEED
WITH ENGINEER BEFORE INSTALLING.

CONCRETE BASE LB-SP
SCALE: NONE

TO BE USED IN PLACE OF CONCRETE BASE LB-3 MODIFIED



CONCRETE BASE LB-8 RAISED
SCALE: NONE

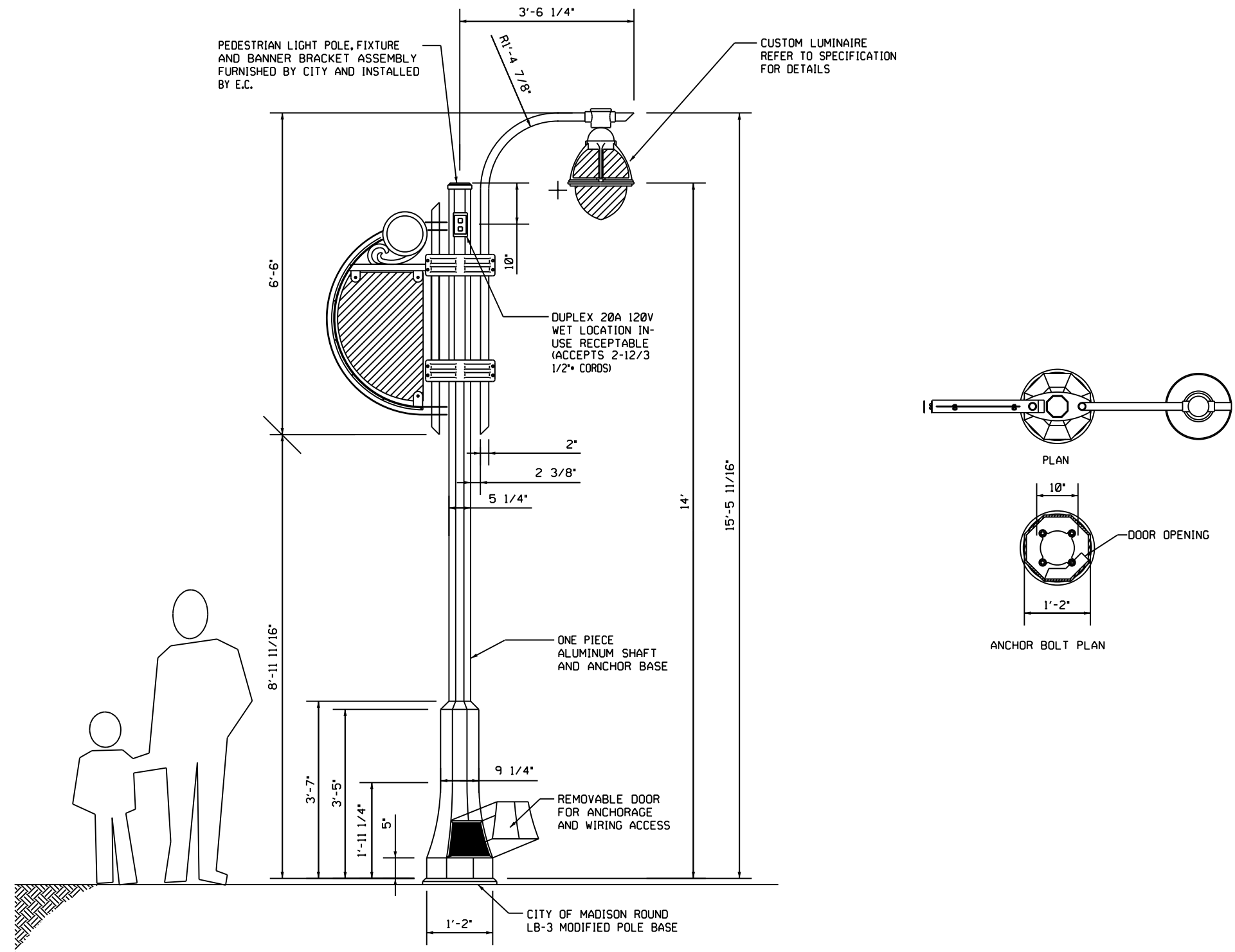
(WALL HYDRANT AND WATER LINE PAID FOR SEPARATELY)
NOTE: CONTRACTOR TO VERIFY BOLT CIRCLE DIAMETER WITH
THE ENGINEER PRIOR TO CONSTRUCTING BASE.

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREET'S DIVISION



STATE STREET PEDESTRIAN POLE ASSEMBLY

SCALE: NONE

GENERAL NOTES:

- ALL DIMENSIONS ARE NOMINAL AND MAY BE MODIFIED BY MANUFACTURER TO MINIMIZE CONSTRUCTION COSTS. ALL MODIFICATIONS SHALL BE NOTED IN SUBMITTAL DRAWINGS.

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

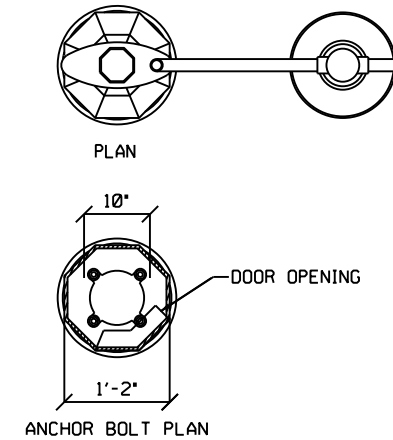
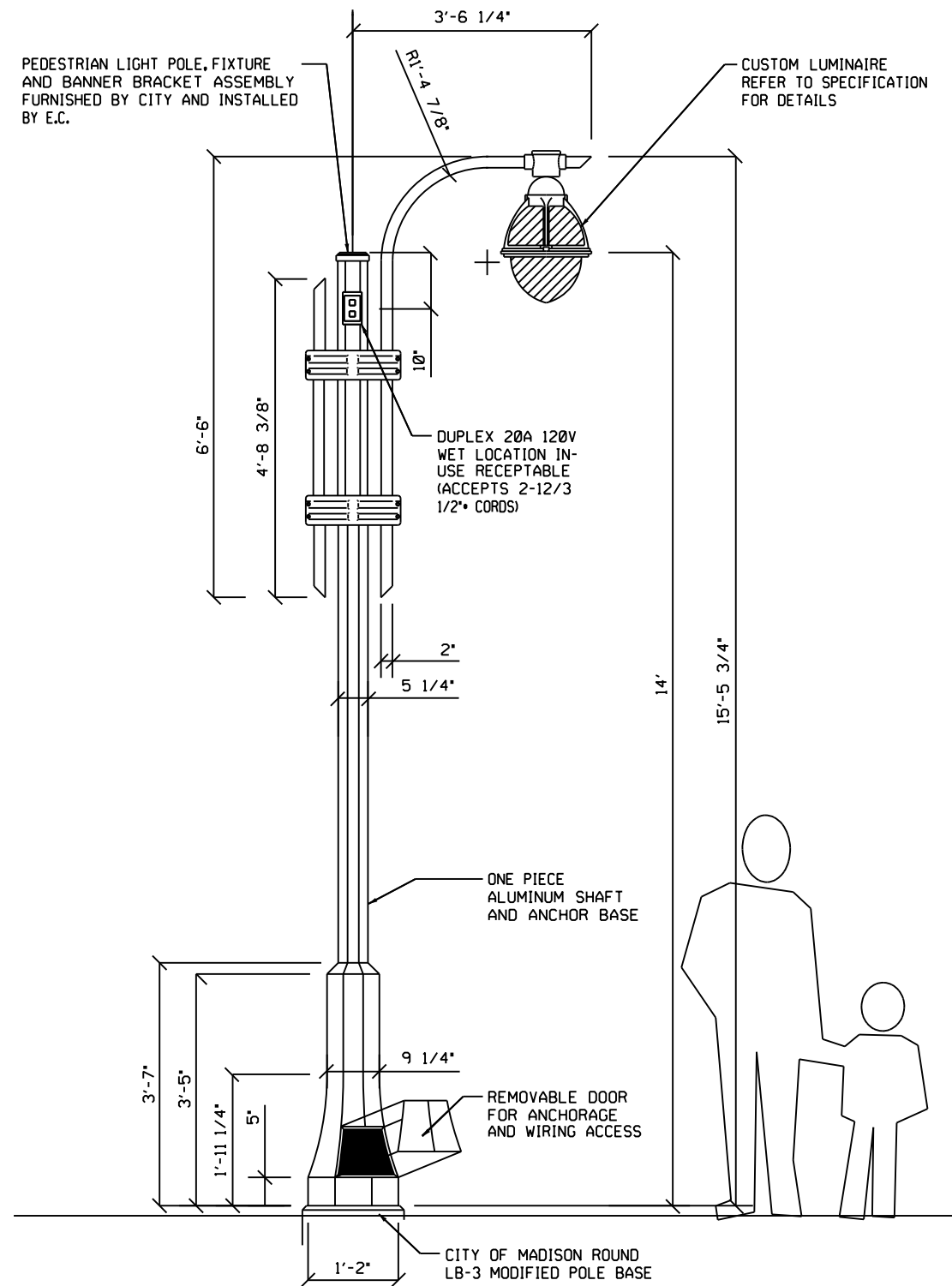
PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREET'S DIVISION

STATE STREET 700 / 800 BLOCKS PROJECT NO. 53W1193	SHEET NO. E9
ELECTRICAL DETAILS	
STATE STREET	CITY OF MADISON



OFF-STATE STREET PEDESTRIAN POLE ASSEMBLY

SCALE: NONE

GENERAL NOTES:

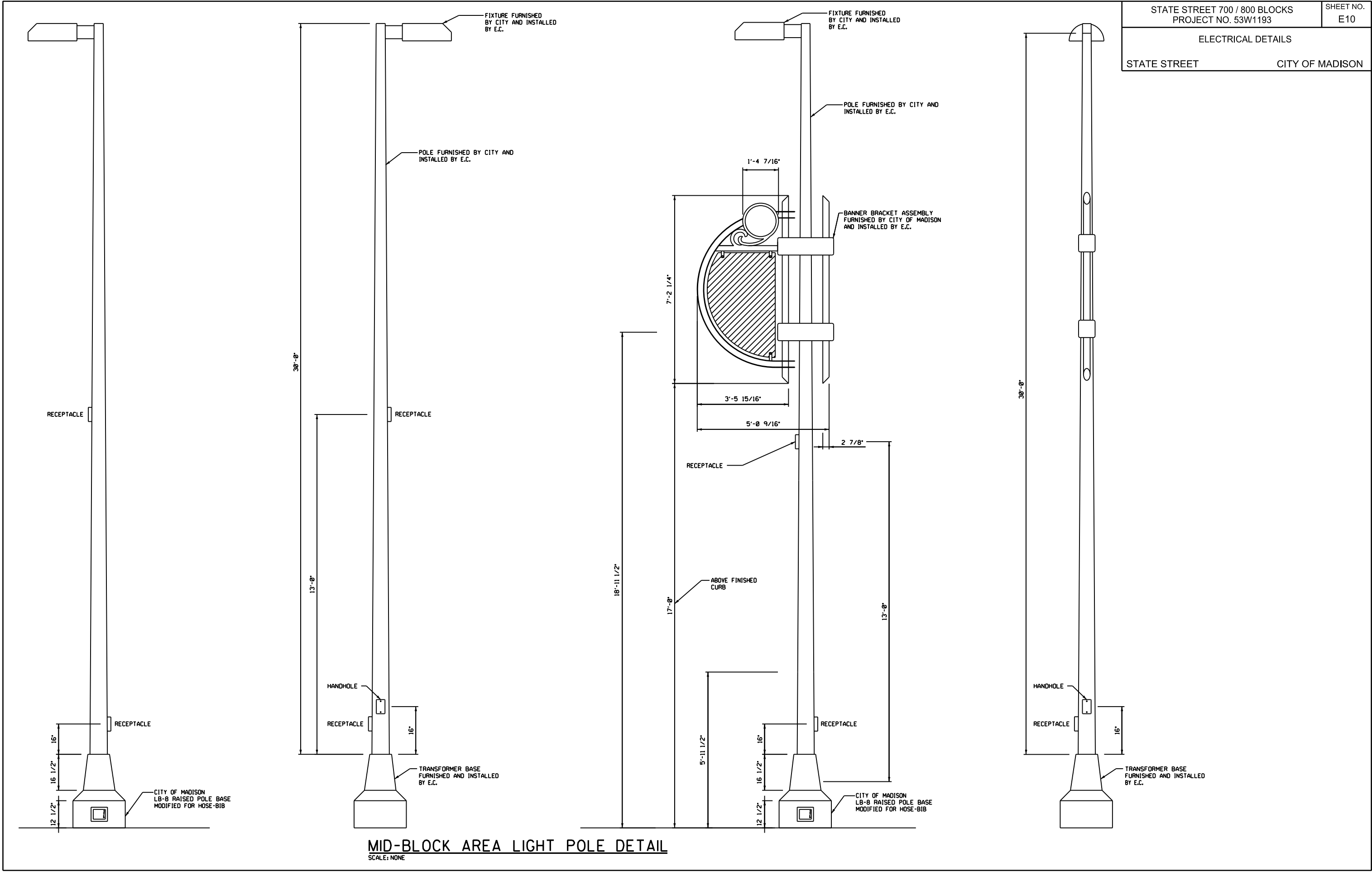
- ALL DIMENSIONS ARE NOMINAL AND MAY BE MODIFIED BY MANUFACTURER TO MINIMIZE CONSTRUCTION COSTS. ALL MODIFICATIONS SHALL BE NOTED IN SUBMITTAL DRAWINGS.

PLOT SCALE:

PLOT NAME:

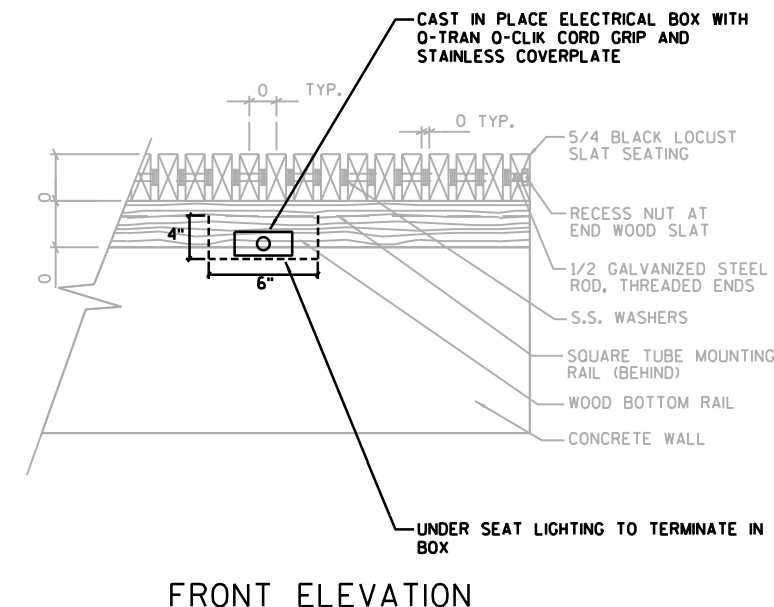
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ORIGINATOR: CITY OF MADISON, STREET'S DIVISION

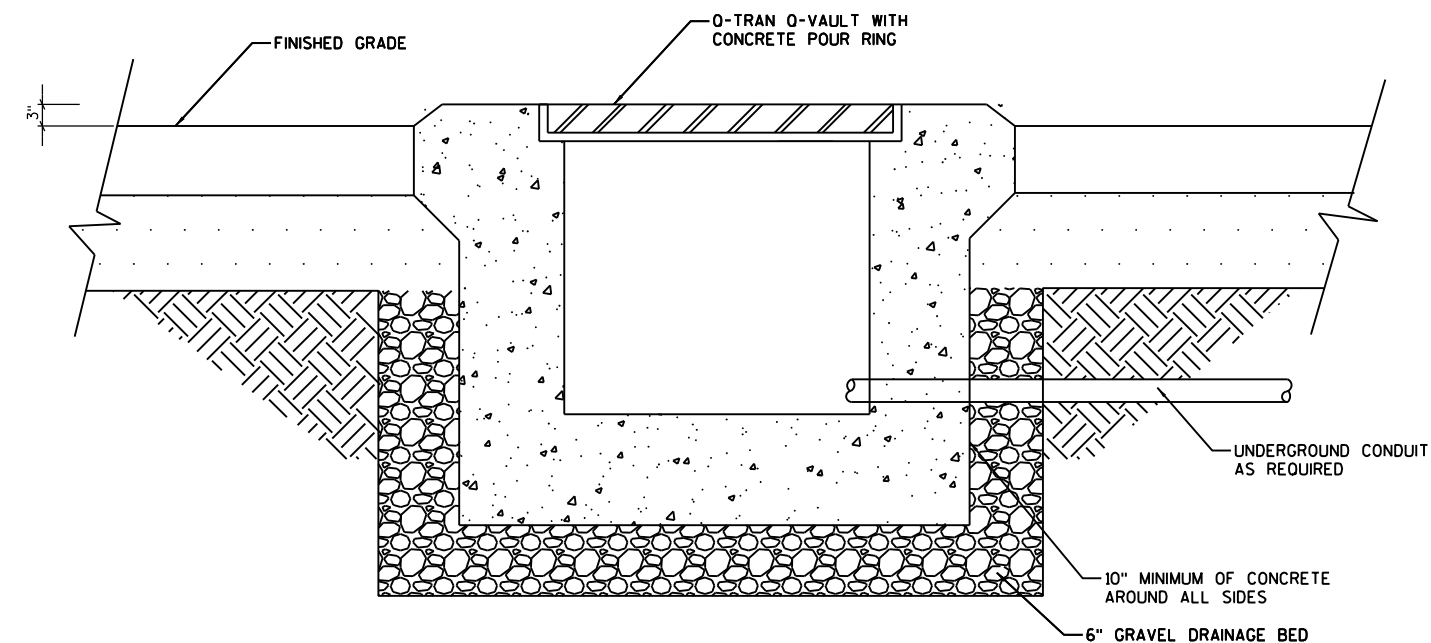


STATE STREET 700 / 800 BLOCKS PROJECT NO. 53W1193		SHEET NO. E10
ELECTRICAL DETAILS		
STATE STREET		CITY OF MADISON

CITY OF MADISON



FRONT ELEVATION



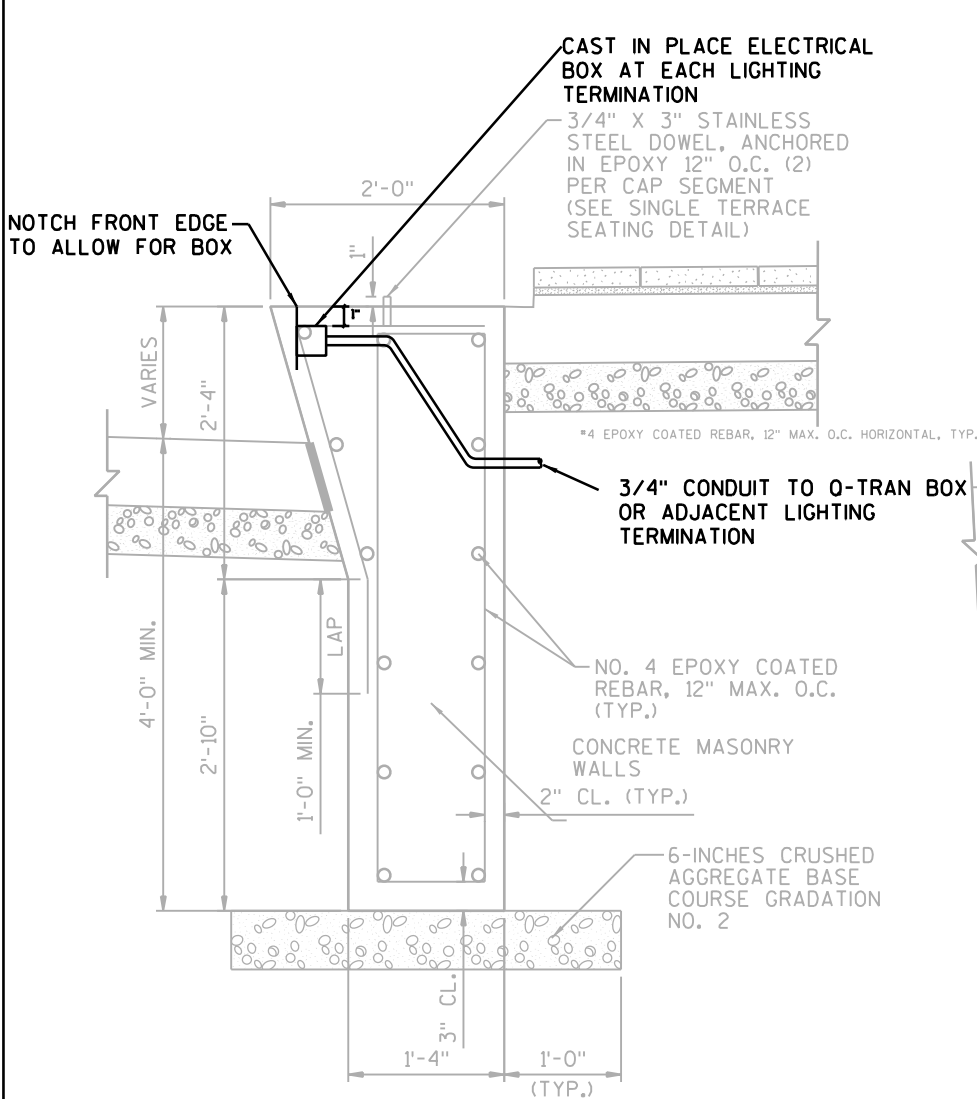
IN GRADE BOX DETAIL

SCALE: NONE

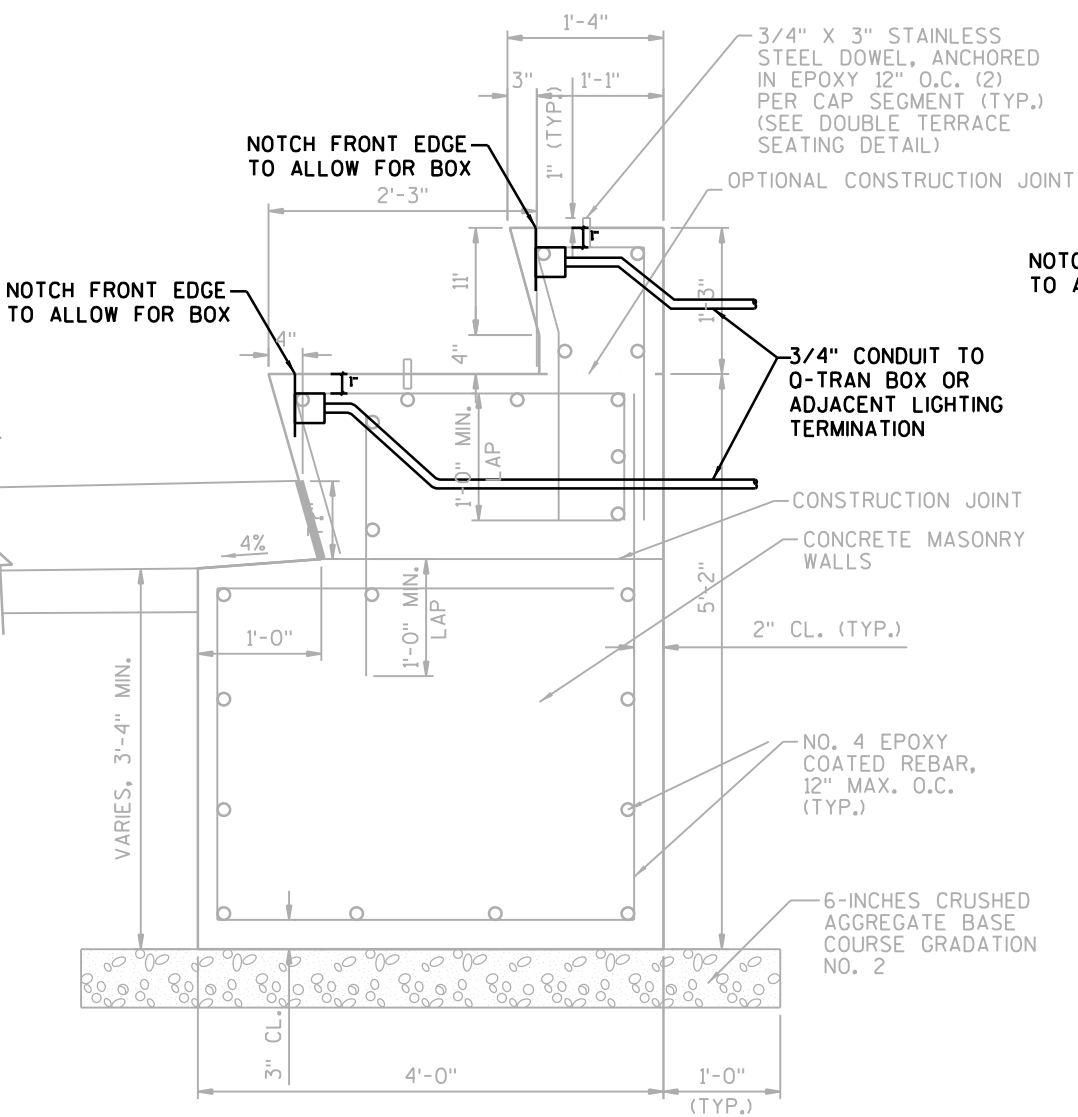
NOTES:
1. ALL REBAR SHALL MAINTAIN 2" MIN. CLEARANCE FROM EXPOSED EDGES UNLESS OTHERWISE NOTED.

2. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR PRECAST WALL CAPS.

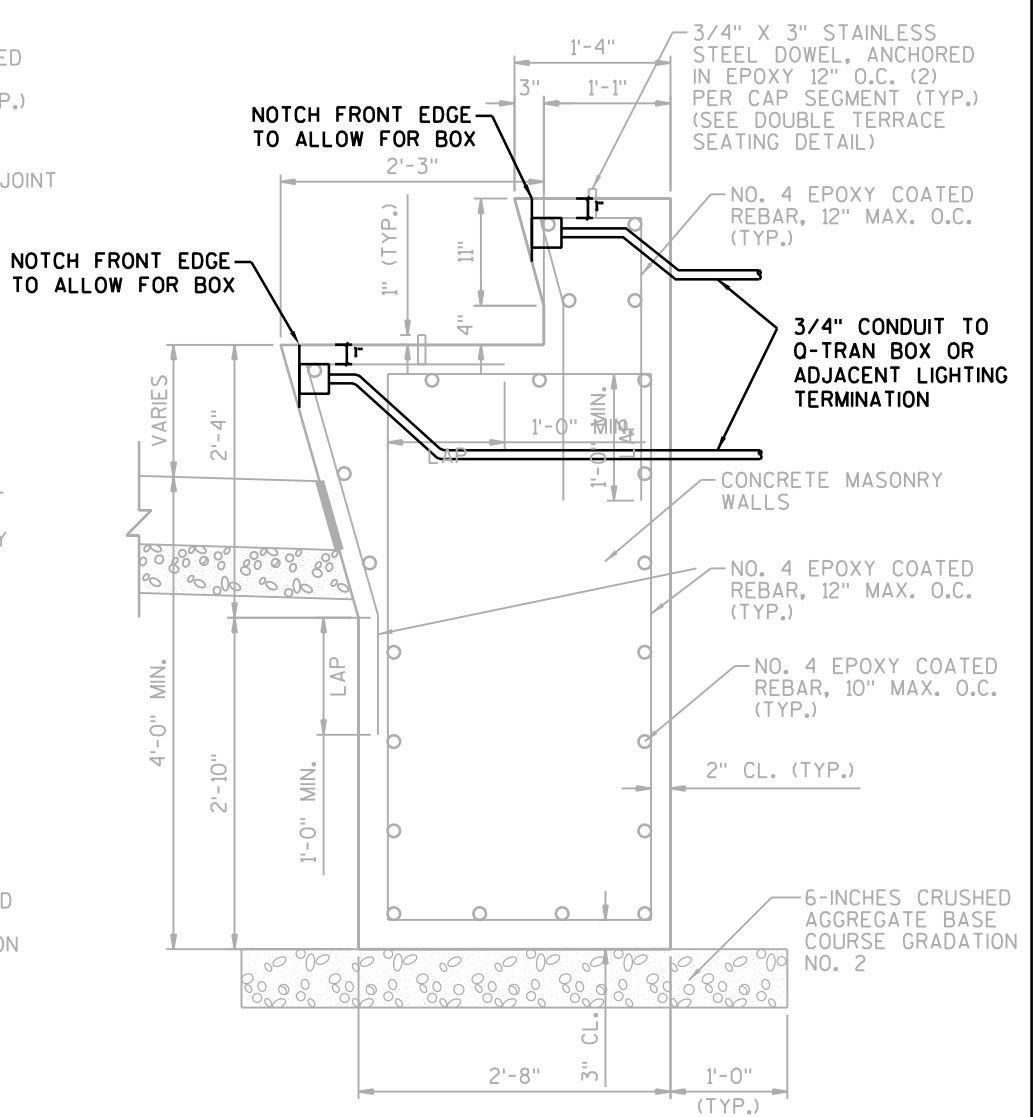
PLOT SCALE: _____
PLOT NAME: _____
REV. DATE: _____
ORIGINATOR: CITY_OF_MADISON_STREETS_DIVISION



1 SINGLE TERRACE SEATING WALL DETAIL
S19



2 DOUBLE TERRACE SEAT WALL WITH
STRUCTURAL SLAB SUPPORT DETAIL
S19



3 DOUBLE TERRACE SEATING WALL DETAIL
S19

NOTE:
1. SEE WALL DETAIL FOR WALL DIMENSIONS & REINFORCING
2. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR PRECAST WALL CAP
3. UNEXPOSED CONCRETE SURFACES SHALL HAVE ORDINARY SURFACE FINISH UNLESS OTHERWISE SPECIFIED

NOTCH FRONT EDGE TO ALLOW FOR BOX

CAST IN PLACE ELECTRICAL BOX AT EACH LIGHTING TERMINATION

BACKER ROD & SEALANT @ HEAD JOINTS
ADJACENT GRANITE PAVERS

PRECAST WALL CAP, SLOPE 1/4" PER FOOT

SKATE DETERRENT AT EACH PRECAST CAP JOINT
T.W. SEE CONFLUENCE PLAN ENLARGEMENT

UNDER SEAT CONTINUOUS LIGHTING
1/4" MORTAR SETTING BED WITH TOOLED CONCAVE JOINT
RUBBED SURFACE FINISH

3/4" CONDUIT TO O-TRAN BOX OR ADJACENT LIGHTING TERMINATION

NOTE:
1. SEE WALL DETAIL FOR WALL DIMENSIONS & REINFORCING
2. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR PRECAST WALL CAP
3. UNEXPOSED CONCRETE SURFACES SHALL HAVE ORDINARY SURFACE FINISH UNLESS OTHERWISE SPECIFIED

NOTCH FRONT EDGE TO ALLOW FOR BOX

CAST IN PLACE ELECTRICAL BOX AT EACH LIGHTING TERMINATION

NOTCH FRONT EDGE TO ALLOW FOR BOX

CAST IN PLACE ELECTRICAL BOX AT EACH LIGHTING TERMINATION

BACKER ROD & SEALANT @ HEAD JOINTS
DRIPE EDGE

UPPER TERRACE PRECAST WALL CAP, SLOPE 1/4" PER FOOT

UNDER SEAT CONTINUOUS LIGHTING

LOWER TERRACE PRECAST WALL CAP, SLOPE 1/4" PER FOOT

SKATE DETERRENT AT EACH LOWER TERRACE PRECAST CAP JOINT

UNDER SEAT CONTINUOUS LIGHTING
1/4" MORTAR SETTING BED WITH TOOLED CONCAVE JOINT
RUBBED SURFACE FINISH

3/4" CONDUIT TO O-TRAN BOX OR ADJACENT LIGHTING TERMINATION

3/4" X 3" STAINLESS STEEL DOWEL, ANCHORED IN EPOXY 12" O.C. (2) PER CAP SEGMENT

1/4" MORTAR SETTING BED WITH TOOLED CONCAVE JOINT

RUBBED SURFACE FINISH

BACKER ROD & CAULK SEALANT: COLOR TO MATCH PRECAST CAP

GEOTEXTILE FABRIC TYPE DF

3/4" CONDUIT TO O-TRAN BOX OR ADJACENT LIGHTING TERMINATION

GEOTEXTILE FABRIC TYPE DF

CLEAR STONE
6" UNDERDRAIN, DRAIN TO INLET
COMPACTED SUBGRADE

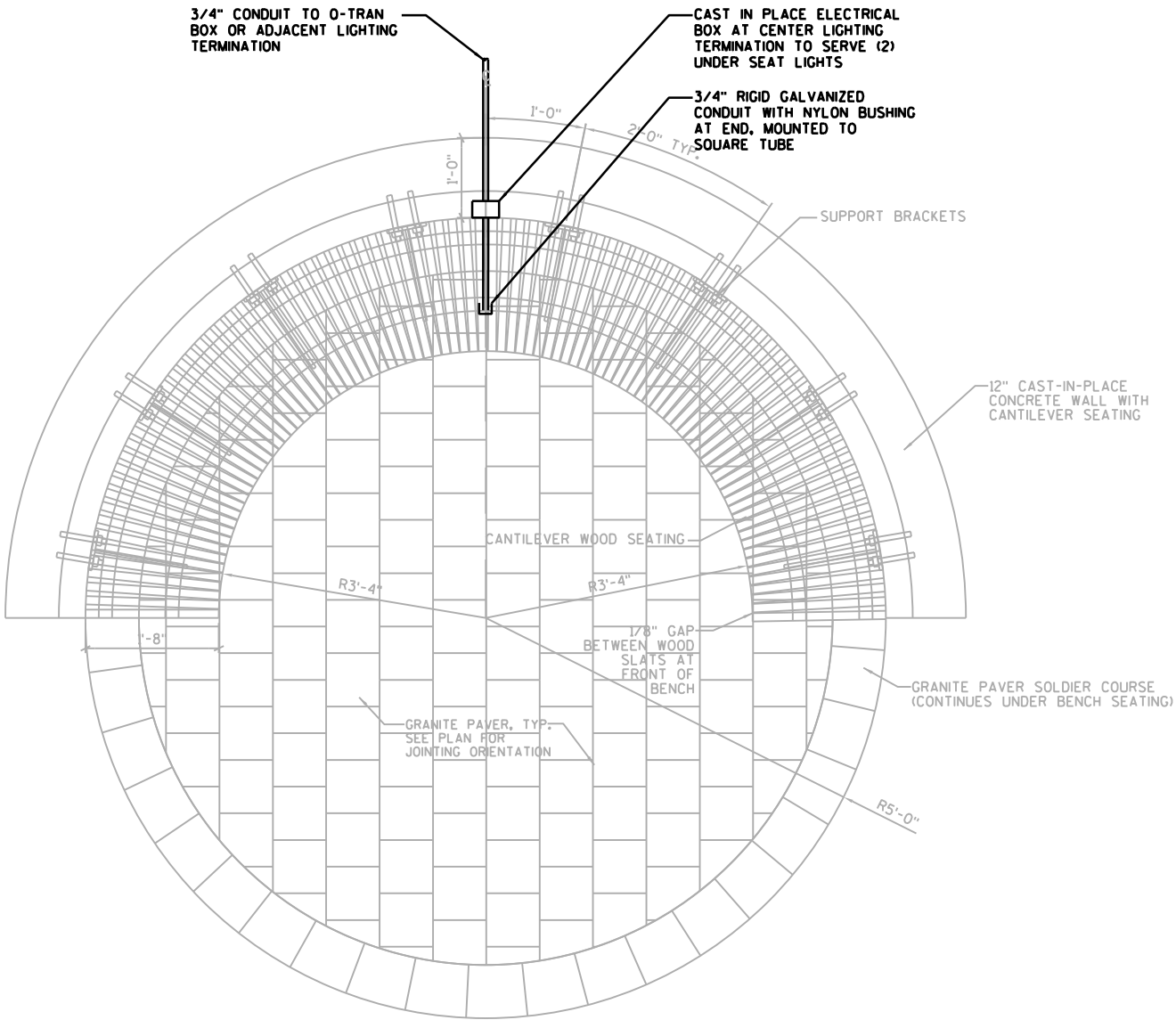
iLIGHT BENCH DETAILS
SCALE: NONE

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



iLIGHT BENCH DETAILS
SCALE: NONE

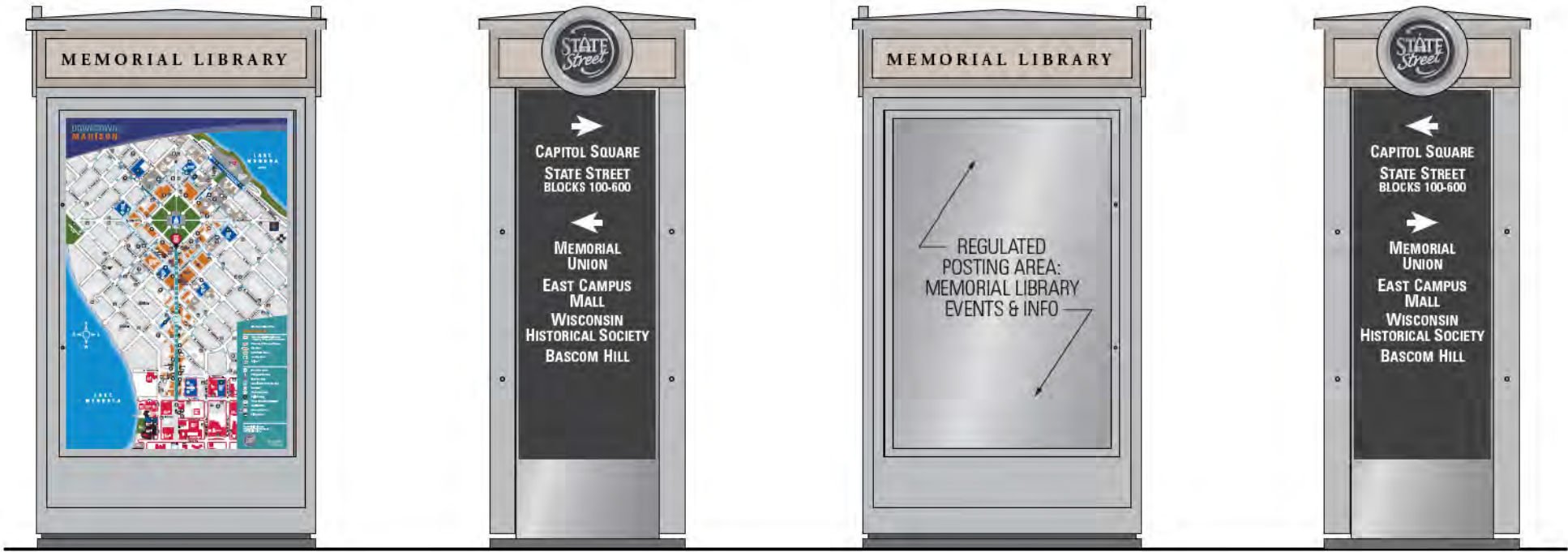
PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREET'S DIVISION

STATE STREET 700 / 800 BLOCKS PROJECT NO. 53W1193	SHEET NO. E15
ELECTRICAL DETAILS	
STATE STREET	CITY OF MADISON



West Elevation

South Elevation

East Elevation

North Elevation

MEMORIAL LIBRARY STATE STREET ENTRY

2 1/4" **MEMORIAL LIBRARY**
2 1/4" **HISTORICAL SOCIETY**



West Elevation

South Elevation

East Elevation

North Elevation

HISTORICAL SOCIETY STATE STREET ENTRY



ELECTRICAL KIOSK DETAILS
SCALE: NONE

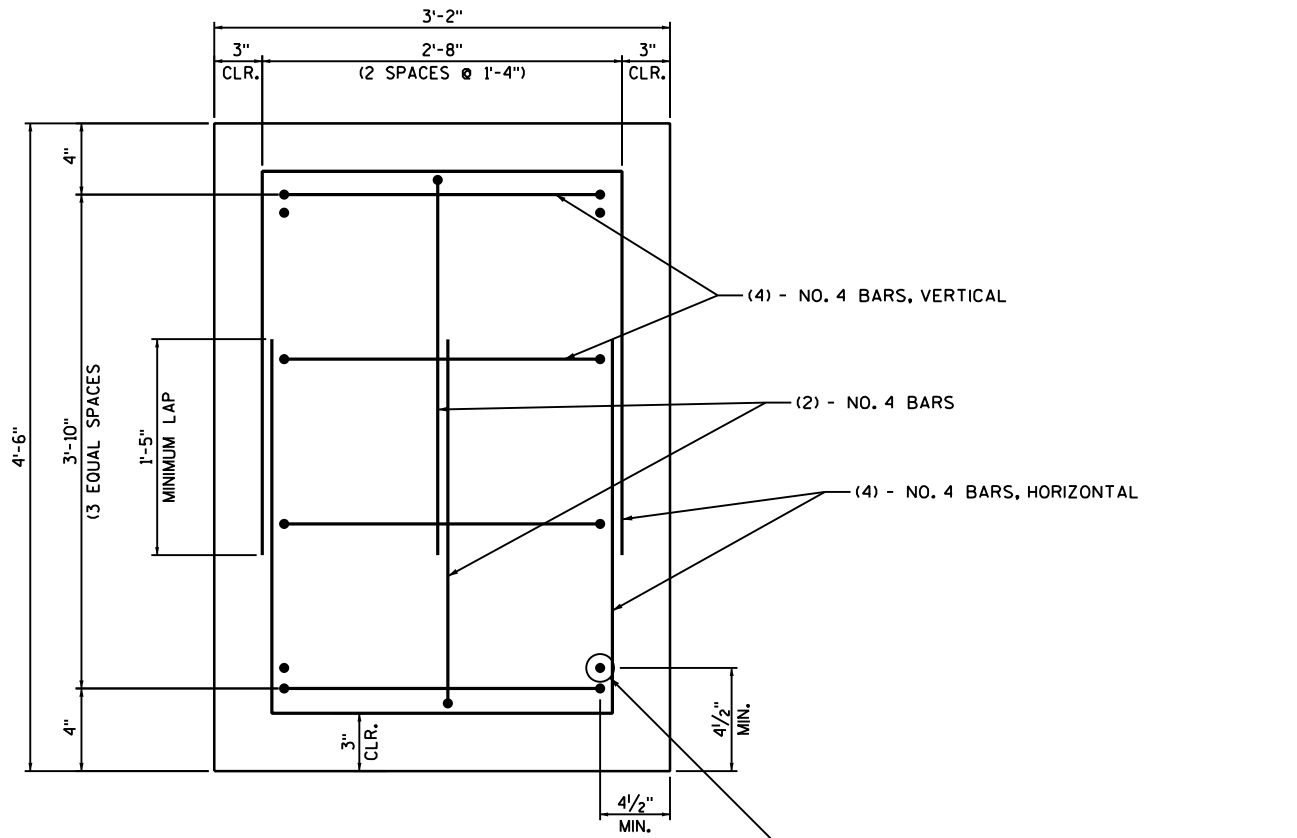
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PLOT NAME:

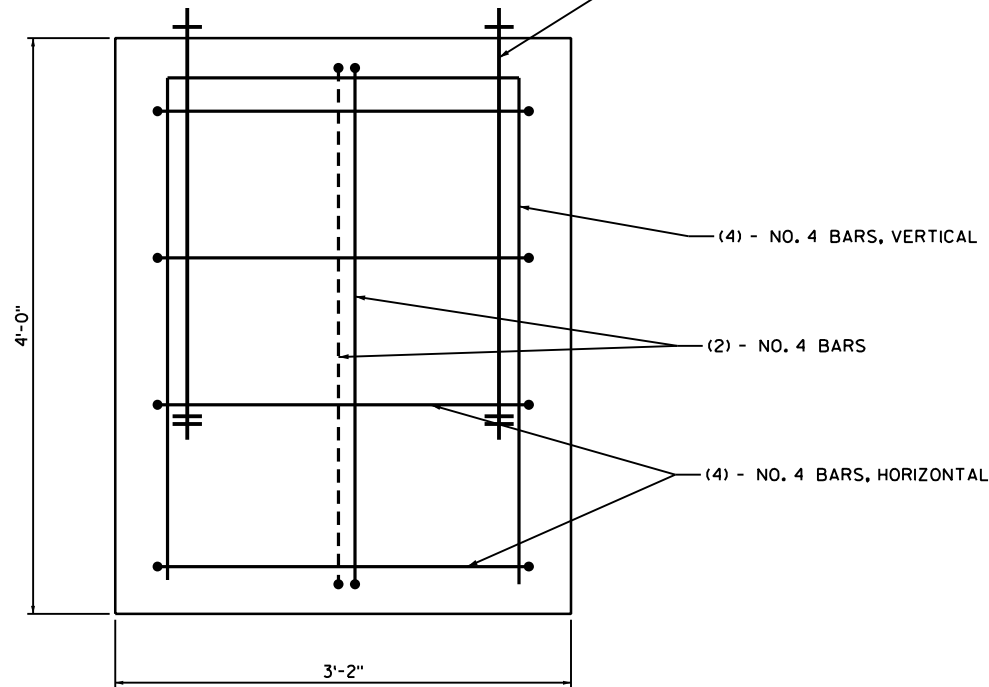
REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

STATE STREET 700 / 800 BLOCKS PROJECT NO. 53W1193	SHEET NO. E16
ELECTRICAL DETAILS	
STATE STREET	CITY OF MADISON



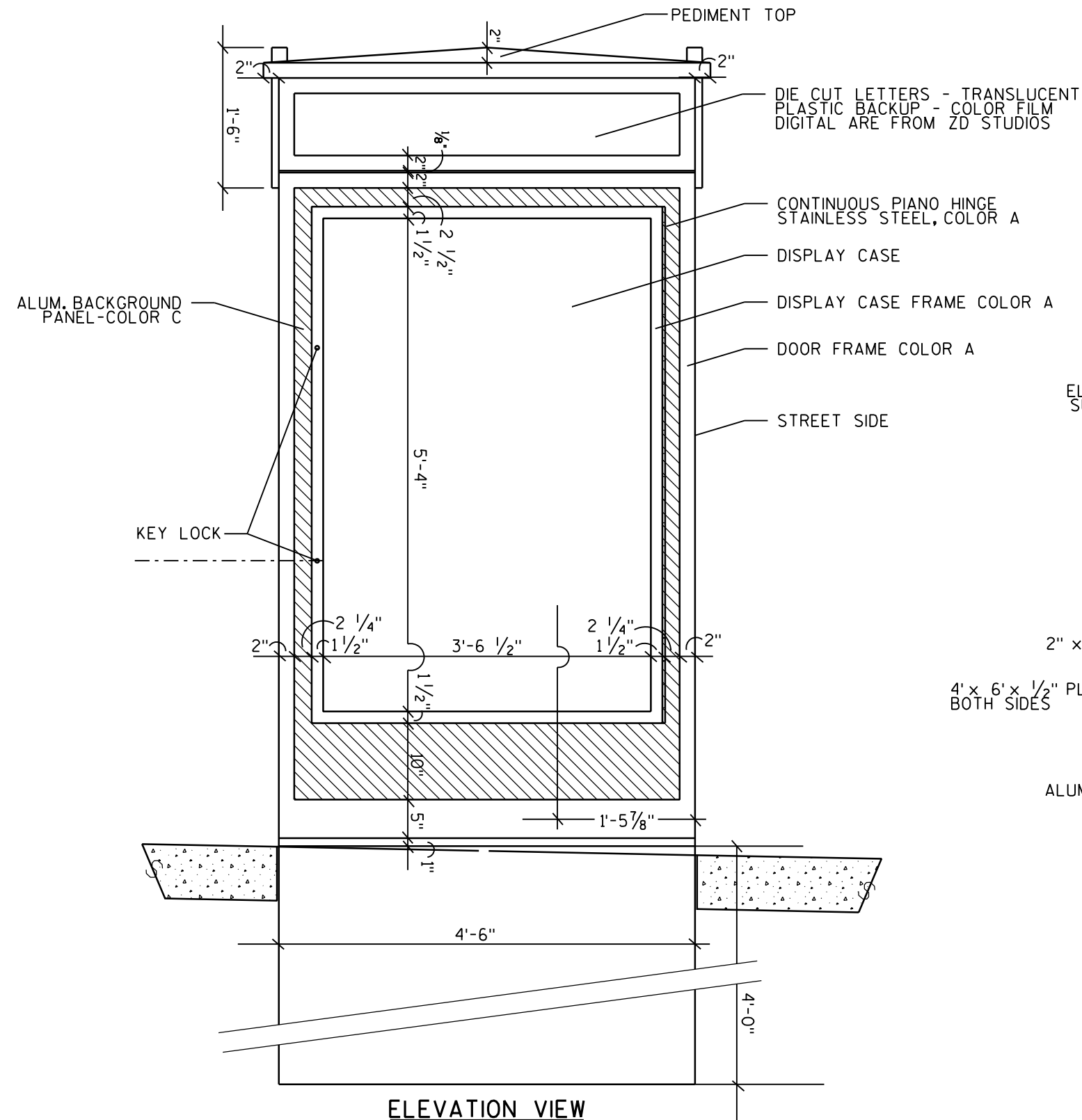
PLAN VIEW



SECTION VIEW

KIOSK FOUNDATION DETAILS
SCALE: NONE

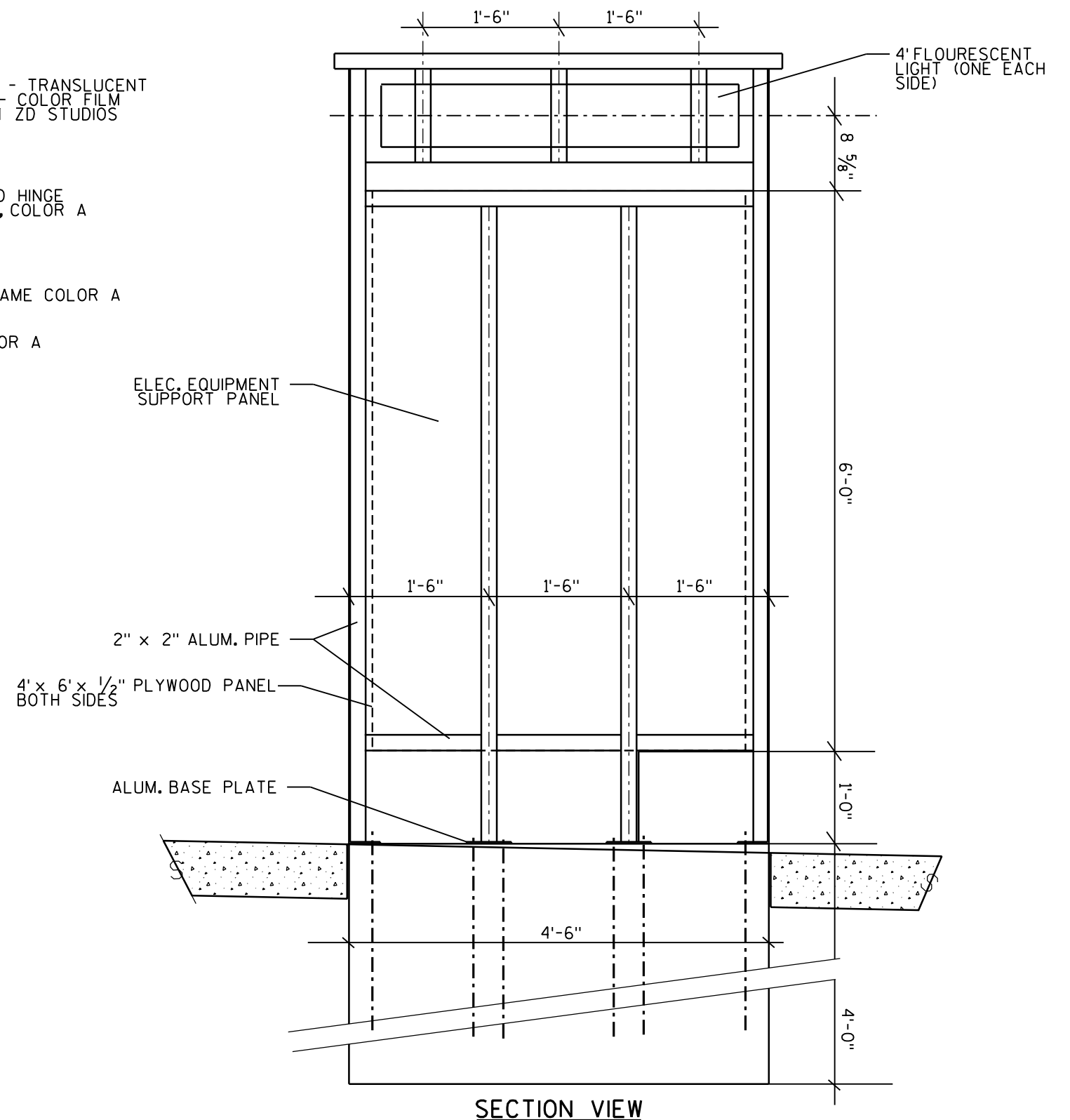
- NOTES:
1. SEE KIOSK DETAILS FOR ADDITIONAL INFORMATION.
 2. TO BE PAID FOR AS KIOSK.



ELEVATION VIEW

KIOSK DETAILS

SCALE: NONE



SECTION VIEW

PLOT SCALE:

PLOT NAME:

REV. DATE:

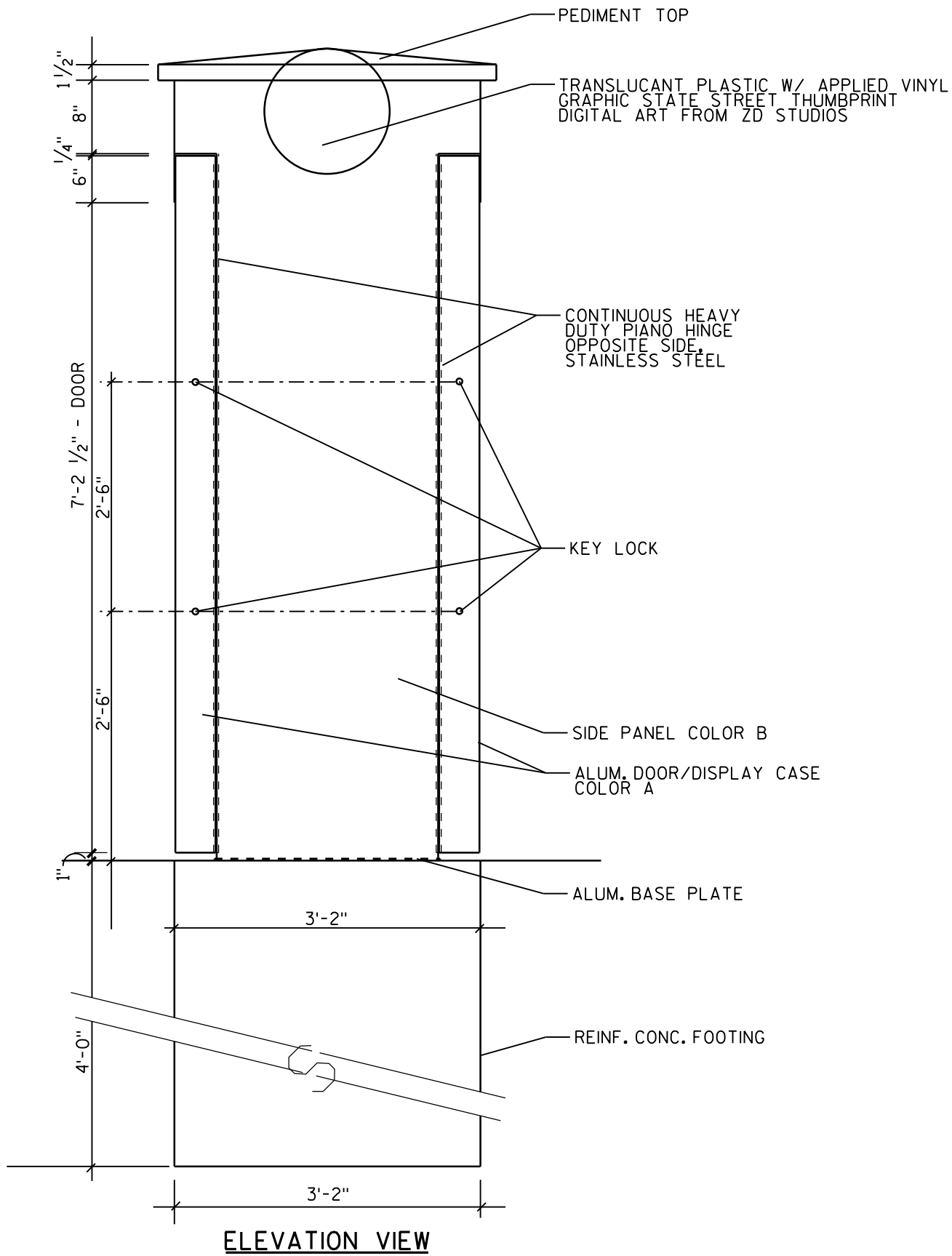
ORIGINATOR: CITY OF MADISON, STREET'S DIVISION

PLOT SCALE:

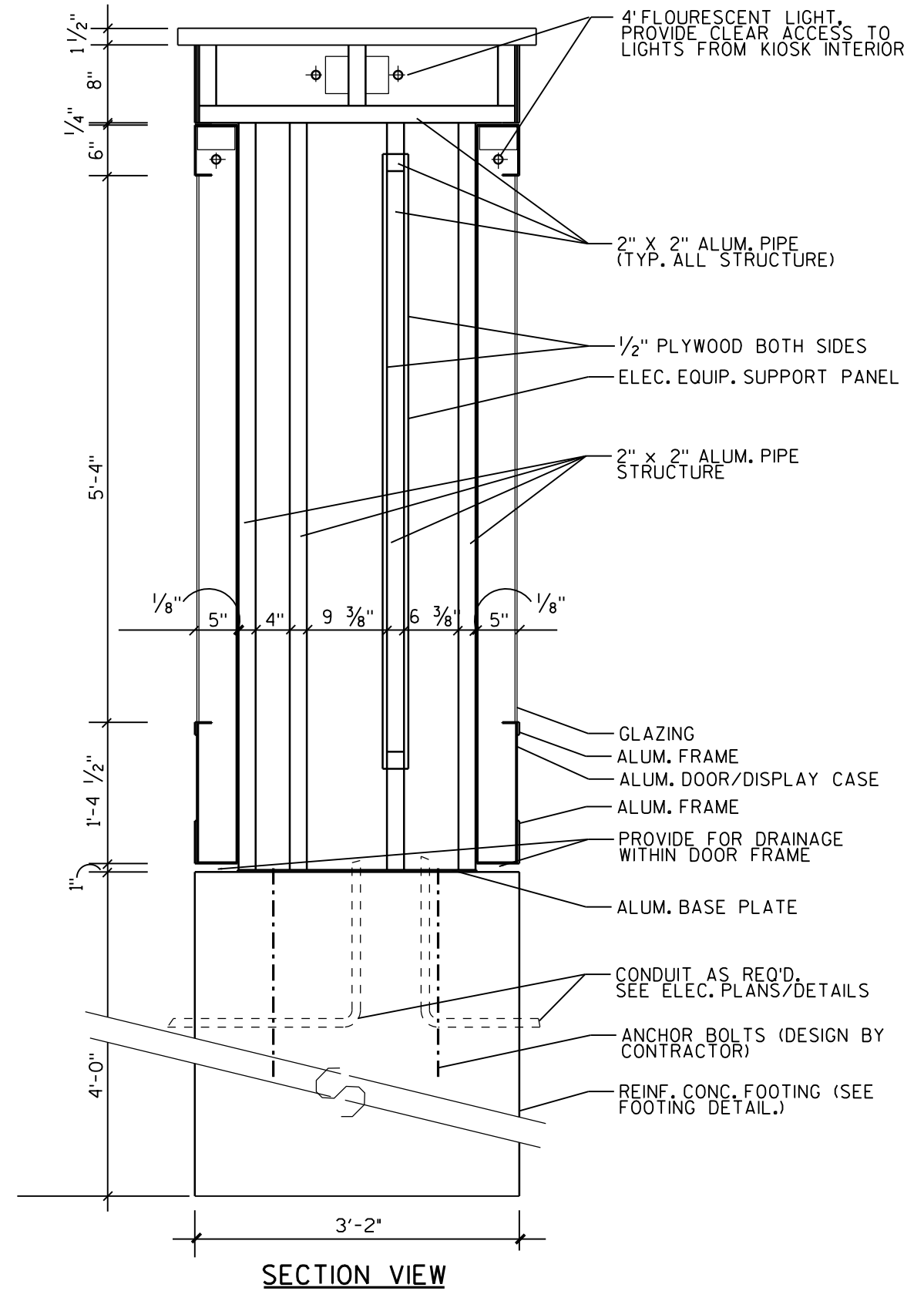
PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREET'S DIVISION



KIOSK DETAILS
SCALE: NONE



PLOT SCALE:

PLOT NAME:

REV. DATE:

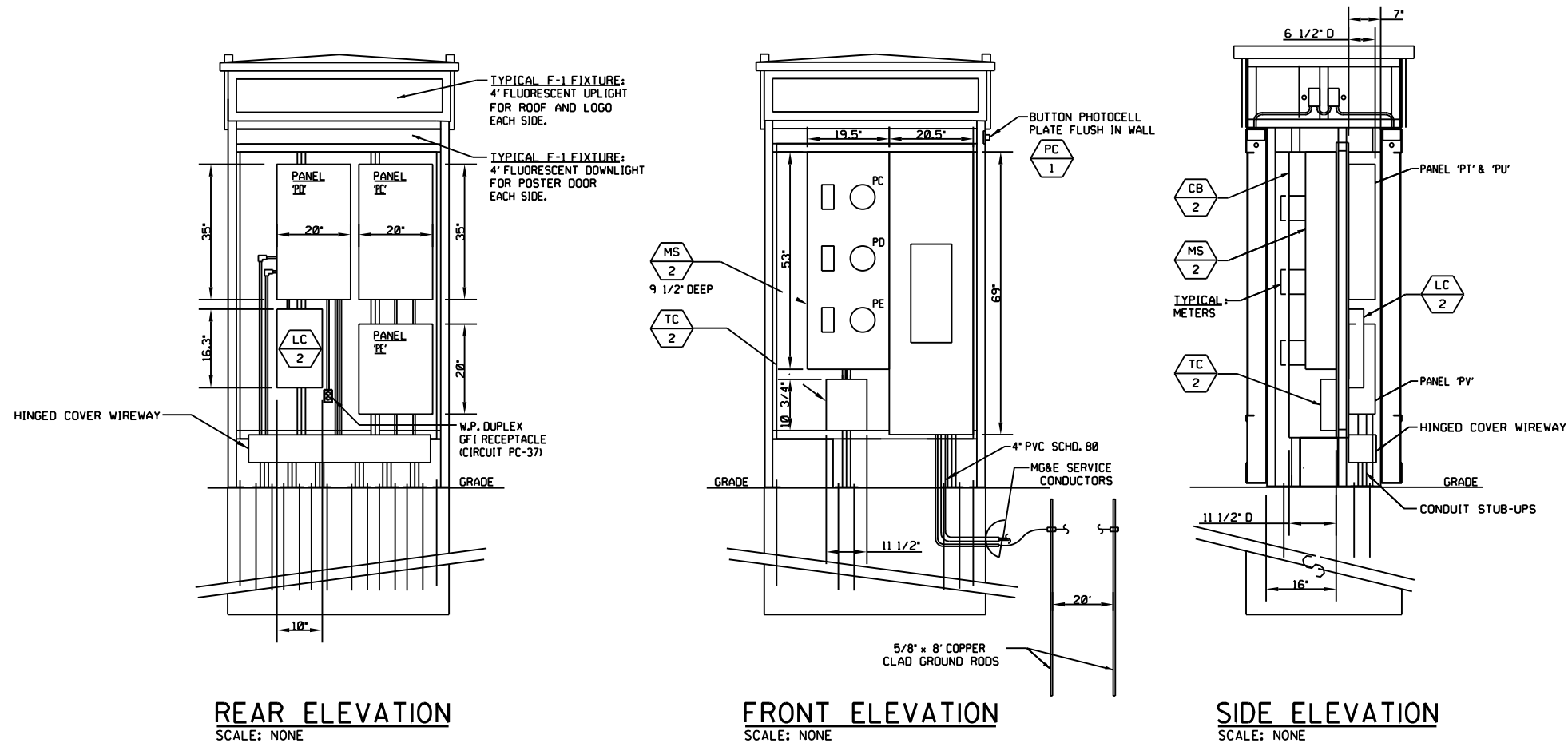
ORIGINATOR: CITY OF MADISON, STREET'S DIVISION

MATERIAL LIST

THE SYMBOLS AND THE MATERIAL LIST ARE FOR THE CONVENIENCE OF THE CONTRACTOR. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF QUANTITIES AND SHALL FURNISH ALL MATERIAL REQUIRED, WHETHER SPECIFIED OR NOT, TO PRODUCE A SATISFACTORY WORKING SYSTEM.

CATALOG NUMBERS SHALL NOT BE CONSIDERED COMPLETE BUT ARE GIVEN ONLY TO AID THE CONTRACTOR IN THE SEARCH FOR MATERIAL. NO MATERIAL SHALL BE ORDERED BY MANUFACTURER AND CATALOG NUMBER ONLY. EACH CONTRACTOR SHALL FIRST READ THE COMPLETE DESCRIPTION OF THE MATERIAL ON THESE DRAWINGS AND SPECIFICATIONS. THE FIRST MANUFACTURER LISTED IS THE BASIS OF DESIGN. "STANDARD COLOR" INDICATES FACTORY FINISH AVAILABLE AT NO ADDITIONAL CHARGE.

SYMBOL	DESCRIPTION	APPROVED MANUFACTURER
	LIGHTING CONTACTOR, ELECTRICALLY HELD, 120 VOLT COIL, 600 VOLT CONTACTS, 6 POLE, N.E.M.A. 3R ENCLOSURE, 30 AMP CONTINUOUS CONTACTS, INTEGRAL HAND-OFF AUTO SELECTOR SWITCH, U.L. LISTED.	SQUARE D CLASS 8903-LH-60C GENERAL ELECTRIC CUTLER HAMMER
	LIGHTING CONTACTOR, ELECTRICALLY HELD, 120 VOLT COIL, 600 VOLT CONTACTS, 6 POLE, N.E.M.A. 3R ENCLOSURE, 30 AMP CONTINUOUS CONTACTS, INTEGRAL HAND-OFF AUTO SELECTOR SWITCH, U.L. LISTED.	SQUARE D CLASS 8903-LH-60C GENERAL ELECTRIC CUTLER HAMMER
	TIME SWITCH, 7 DAY OR YEARLY, ASTRONOMICAL, DAYLIGHT SAVINGS TIME SELECTABLE, ELECTRONIC, EIGHT SPDT 20 AMP CONTACTS WITH CAPABILITY OF INDIVIDUAL SCHEDULES ON A 7 DAY TIME PERIOD, LED DISPLAY, NON-VOLATILE MEMORY REQUIRES NO BACK-UP, TIME AND CALENDAR DATA MINIMUM 8 YEARS WITH LITHIUM BATTERY, NEMA 3R ENCLOSURE, U.L. LISTED.	INTERMATIC ET70815CR PARAGON TORK
	TIME SWITCH, 7 DAY OR YEARLY, ASTRONOMICAL, DAYLIGHT SAVINGS TIME SELECTABLE, ELECTRONIC, EIGHT SPDT 20 AMP CONTACTS WITH CAPABILITY OF INDIVIDUAL SCHEDULES ON A 7 DAY TIME PERIOD, LED DISPLAY, NON-VOLATILE MEMORY REQUIRES NO BACK-UP, TIME AND CALENDAR DATA MINIMUM 8 YEARS WITH LITHIUM BATTERY, NEMA 3R ENCLOSURE, U.L. LISTED.	INTERMATIC ET70815CR PARAGON TORK
	PHOTOCELL, BUTTON STYLE WITH WALL PLATE, 120/277 VOLT, 1800 V.A. RATED, SINGLE POLE, SINGLE THROW CONTACT, WEATHERPROOF AND CORROSION PROOF FACEPLATE. MOUNT IN STANDARD FLUSH OULTLET BOX IN SIDE OF KIOSK AS DETAILED, U.L. LISTED.	INTERMATIC K4321C PARAGON TORK
	PHOTOCELL, BUTTON STYLE WITH WALL PLATE, 120/277 VOLT, 1800 V.A. RATED, SINGLE POLE, SINGLE THROW CONTACT, WEATHERPROOF AND CORROSION PROOF FACEPLATE. MOUNT IN STANDARD FLUSH OULTLET BOX IN SIDE OF KIOSK AS DETAILED, U.L. LISTED.	INTERMATIC K4321C PARAGON TORK
	RECEPTACLE, GROUND FAULT DUPLEX, 125 VOLT, 20 AMP, SPECIFICATION GRADE, 3 WIRE GROUNDING TYPE, IMPACT RESISTANT THERMOPLASTIC FACE, STRAIGHT BLADE, N.E.M.A. TYPE 5-20R, TEST AND RESET BUTTONS IN FACE, WEATHERPROOF COVERPLATE, NEMA 3R RATED WHILE IN USE, CLEAR, NON-LOCKING, STANDARD DEPTH, VERTICAL MOUNT, FEDERAL SPECIFICATION AND U.L. LISTED, 2003 U.L. 943 COMPLIANT.	HUBBELL GFR-5352/WP826MP LEVITON 8899/5977-CL PASS & SEYMOUR 2094/WIUC10-C COOPER GF20/4966
	ELECTRICAL CONNECTION TO EQUIPMENT, SIZE PER N.E.C., SEE SPECIFICATIONS, COORDINATE REQUIREMENTS WITH CONTRACTOR FURNISHING EQUIPMENT.	
	CIRCUIT BREAKER, SURFACE MOUNT, N.E.M.A. 3R ENCLOSURE, RATED 120/208 VOLTS, 400 AMP FRAME WITH 400 AMP TRIP, 3 POLE, 4 WIRE AND GROUND LUG, 65,000 A.I.C., U.L. LISTED.	SQUARE D GENERAL ELECTRIC SIEMENS CUTLER-HAMMER
	CIRCUIT BREAKER, SURFACE MOUNT, N.E.M.A. 3R ENCLOSURE, RATED 120/208 VOLTS, 400 AMP FRAME WITH 400 AMP TRIP, 3 POLE, 4 WIRE AND GROUND LUG, 65,000 A.I.C., U.L. LISTED.	SQUARE D GENERAL ELECTRIC SIEMENS CUTLER-HAMMER
	METER DISTRIBUTION CENTER, 120/208 VOLT, 3 PHASE, 4 WIRE, 400 AMP COPPER BUS, 65,000 A.I.C., 3 BRANCH, 3 PHASE, 4 WIRE METER SOCKETS EACH PROTECTED WITH A 200 OR 100 AMP, 3 POLE CIRCUIT BREAKER, METER SOCKETS SHALL CONFORM TO ELECTRIC UTILITY COMPANY METERING DEPARTMENT REQUIREMENTS, U.L. LISTED.	SQUARE D EZ METER-PAK GENERAL ELECTRIC SIEMENS CUTLER-HAMMER
	METER DISTRIBUTION CENTER, 120/208 VOLT, 3 PHASE, 4 WIRE, 400 AMP COPPER BUS, 65,000 A.I.C., 3 BRANCH, 3 PHASE, 4 WIRE METER SOCKETS EACH PROTECTED WITH A 200 OR 100 AMP, 3 POLE CIRCUIT BREAKER, METER SOCKETS SHALL CONFORM TO ELECTRIC UTILITY COMPANY METERING DEPARTMENT REQUIREMENTS, U.L. LISTED.	SQUARE D EZ METER-PAK GENERAL ELECTRIC SIEMENS CUTLER-HAMMER
	PANELBOARD, SURFACE MOUNT, MLO, 208/120 VOLT, 3 PHASE, 4 WIRE, S/N, GROUND BUS, COPPER BUS, BOLT-ON BREAKERS, N.E.M.A. 3R ENCLOSURE, SEE SCHEDULES FOR QUANTITIES, SIZE AND CONFIGURATION.	SQUARE D 'NQOD' GENERAL ELECTRIC SIEMENS CUTLER-HAMMER



- GENERAL NOTES:
1. E.C. IS TO VERIFY THAT SELECTED ELECTRICAL EQUIPMENT WILL FIT INTO THE DESIGNATED KIOSK ELECTRICAL AREA AND MEET CODE REQUIRED CLEARANCES.
 2. REFER TO PROPOSED CONDUIT STUB UP PLAN FOR CONDUIT STUB UP LOCATIONS.
 3. CONFIGURATION SHOWN IS FOR KIOSK K-2. KIOSK K-1 CONFIGURATION HAS TWO ELECTRICAL PANELS AND TWO POWER METER SOCKETS.

ELECTRIC FOR LIGHTING KIOSK DETAIL
SCALE: NONE

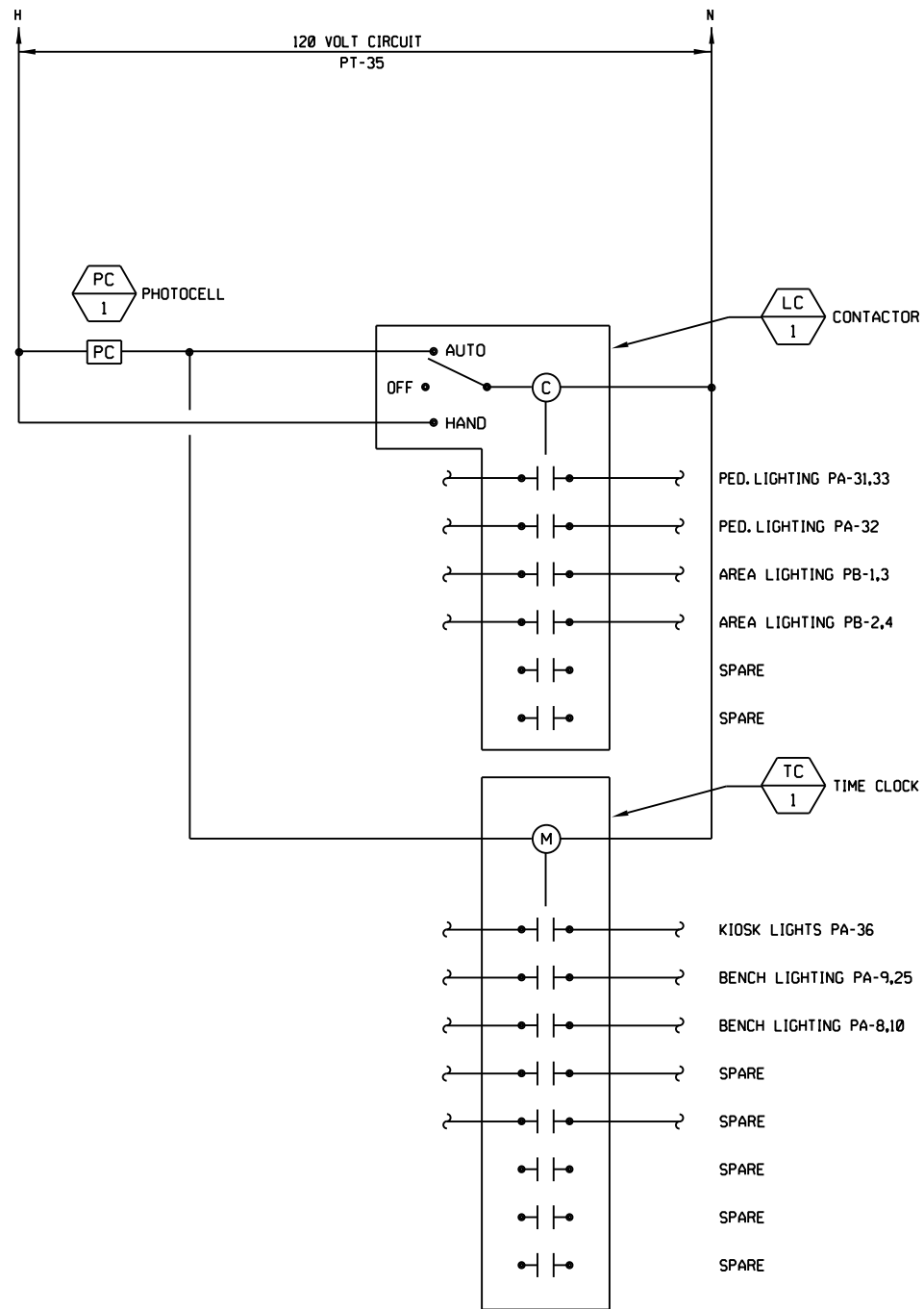
PLOT SCALE:
PLOT NAME:
REV. DATE:
ORIGINATOR: CITY OF MADISON, STREET'S DIVISION

PLOT SCALE:

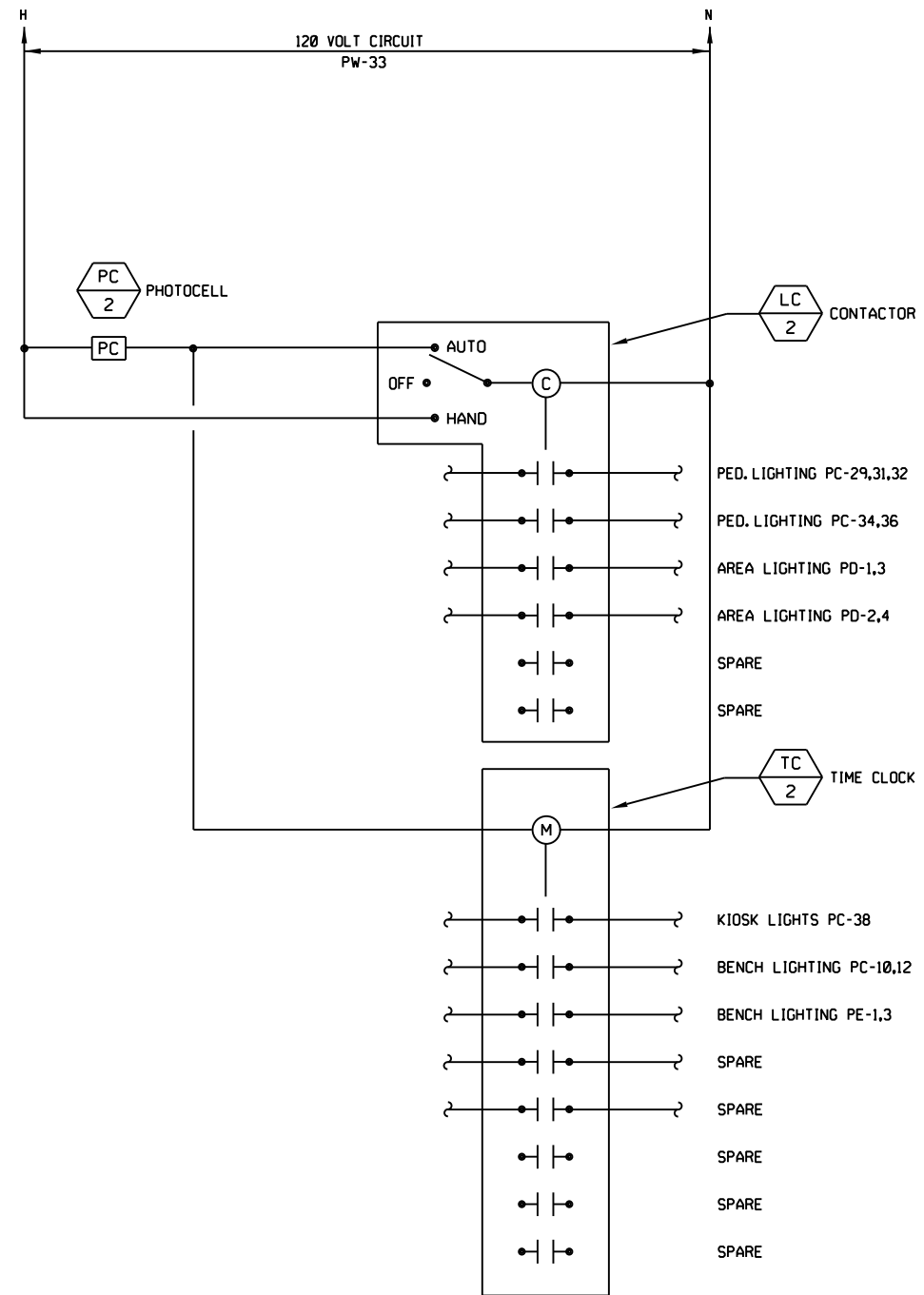
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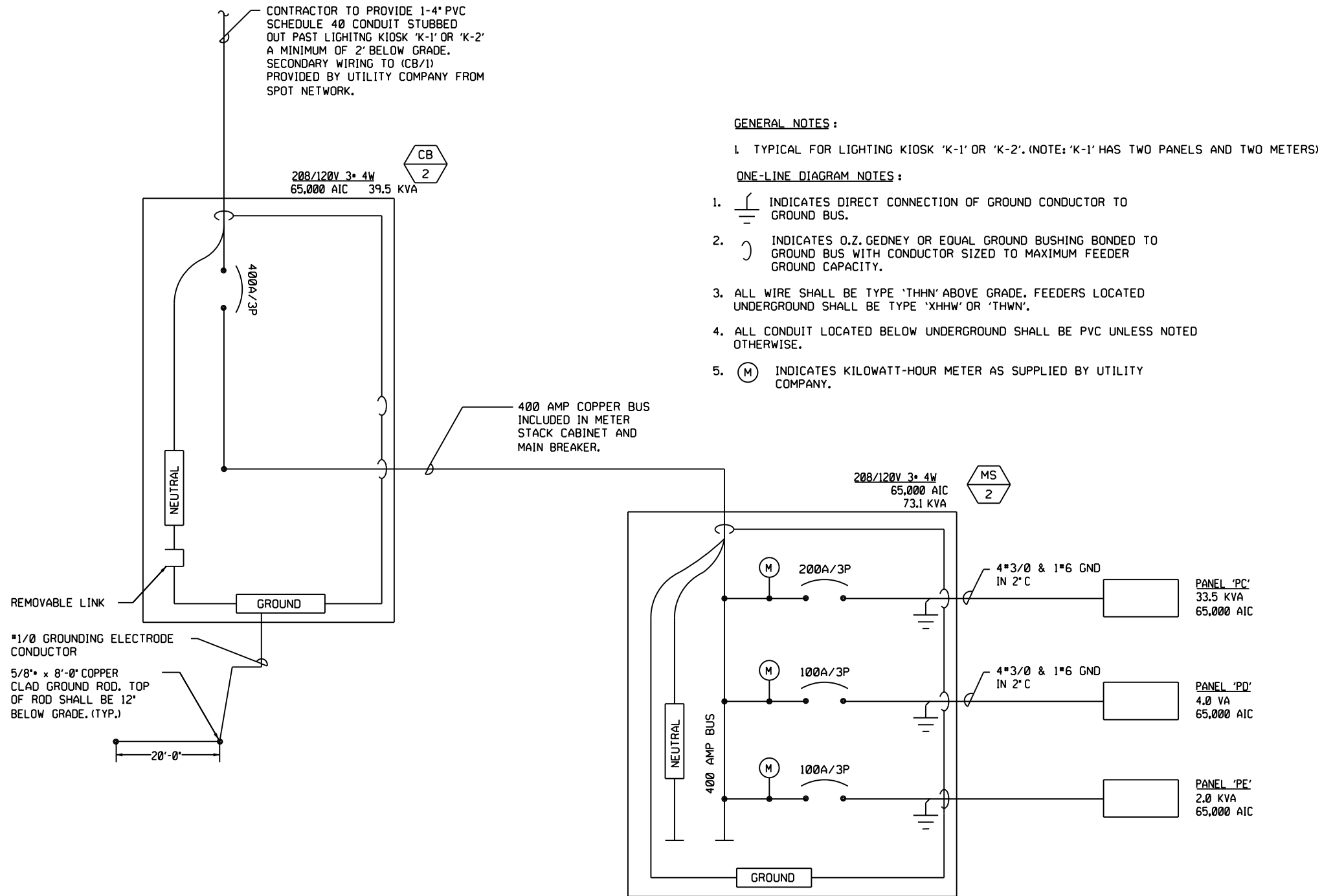
ORIGINATOR: CITY OF MADISON, STREET'S DIVISION



LIGHTING CONTROL DIAGRAM, KIOSK K-1
SCALE: NONE



LIGHTING CONTROL DIAGRAM, KIOSK K-2
SCALE: NONE



POWER ONE-LINE DIAGRAM

SCALE: NONE

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREET'S DIVISION

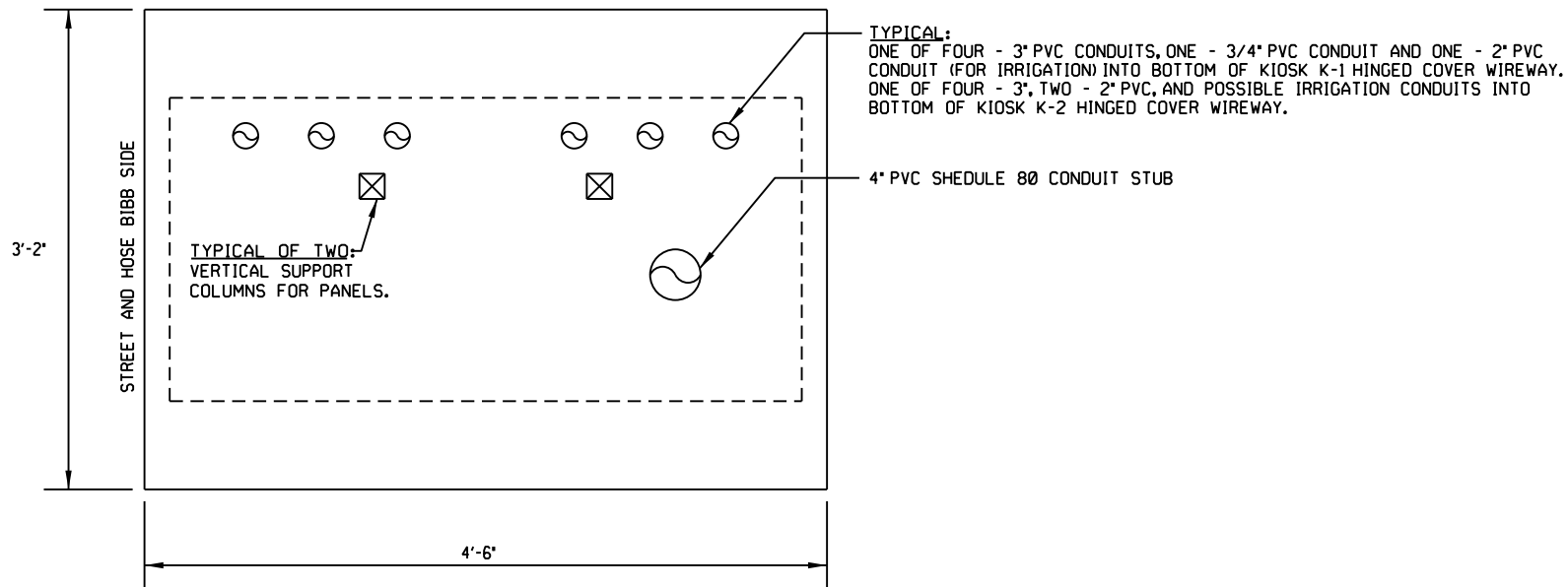
PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREET'S DIVISION

STATE STREET 700 / 800 BLOCKS PROJECT NO. 53W1193	SHEET NO. E23
ELECTRICAL DETAILS	
STATE STREET	CITY OF MADISON



- GENERAL NOTES:
1. DASHED OUTLINE INDICATES OPEN AREA FOR CONDUIT STUBS.
 2. REFER TO LIGHTING KIOSK ELEVATIONS FOR ADDITIONAL INFORMATION.

PROPOSED CONDUIT STUB-UP PLAN - LIGHTING KIOSK
SCALE: NONE

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREET'S DIVISION

ELECTRICAL KIOSK 1

TYPE: BOLT-ON

MOUNTING: SURFACE - NEMA 3R

FED FRION: MS/1

AIC RATING: 65,000

PANEL NAME: PA

SOLID NEUTRAL

GROUND BUS

CONNECTED 32.9 KVA

MAIN: 225A MLO

VOLTS: 208Y / 120

PHASE: 3

WIRE: 4

CKT NO.	LOAD DESCRIPTION	WIRE SIZE	LOAD KVA	BREAKER AMP	P	BREAKER AMP	P	LOAD KVA	WIRE SIZE	LOAD DESCRIPTION	CKT NO.
1	1 RECEPT SS-64	8	1.0	20	1	20	1	1.0	8	1 RECEPT PL-275	2
3	1 RECEPT SS-64	8	1.0	20	1	20	1	1.0	8	1 RECEPT PL-277	4
5	1 RECEPT SS-66	8	1.0	20	1	20	1	1.0	8	1 RECEPT PL-279	6
7	1 RECEPT SS-66	8	1.0	20	1	20	1	1.0	12	BENCH LGT DRIVER B-1, 2, 3	8 *T
*T 9	BENCH LIGHT DRIVER B-4	12	1.0	20	1	20	1	1.0	12	BENCH LGT DRIVER B-5, 6	10 *T
11	1 RECEPT PL-274	8	1.0	20	1	20	1	1.0	8	1 RECEPT SS-65	12
13	1 RECEPT PL-276	8	1.0	20	1	20	1	1.0	8	1 RECEPT SS-65	14
15	1 RECEPT PL-278	8	1.0	20	1	20	1	1.0	8	1 RECEPT PL-280	16
17	1 RECEPT SS-67	8	1.0	20	1	20	1	1.0	8	1 RECEPT PL-281	18
19	1 RECEPT SS-67	8	1.0	20	1	20	1	1.0	8	OUTLET RECPT 110A	20
21	1 RECEPT SS-68	8	1.0	20	1	20	1	1.0	8	OUTLET RECPT 110A	22
23	1 RECEPT SS-68	8	1.0	20	1	20	1	1.0	8	OUTLET RECPT 110B	24
*T 25	BENCH LGT DRIVERS B-7-10	12	1.0	20	1	20	1	1.0	8	OUTLET RECPT 110B	26
27	OUTLET RECPT 220B	6	1.0	20	1	20	1	1.0	6	OUTLET RECPT 220A	28
29	OUTLET RECPT 220B	6	1.0	20	1	20	1	1.0	6	OUTLET RECPT 220A	30
*C 31	PED LIGHTS	8	0.3	20	1	20	1	0.3	8	PED LIGHTS	32 *C
*C 33	PED LIGHTS	8	0.3	20	1	20	1	0.5	10	KIOSK RECPT	34
35	IRRIGATION	8	1.0	20	1	20	1	0.5	12	KIOSK LIGHTS	36 *T
37	SPARE			20	1	20	1			SPARE	38
39	SPARE			20	1	20	1			SPARE	40
41	SPARE			20	1	20	1			SPARE	42
16.6				16.3							

TYPE: BOLT-ON

MOUNTING: SURFACE - NEMA 3R

FED FRION: MS/1

AIC RATING: 65,000

PANEL NAME: PB

SOLID NEUTRAL

GROUND BUS

CONNECTED 4.0 KVA

MAIN: 225A MLO

VOLTS: 208Y / 120

PHASE: 3

WIRE: 4

CKT NO.	LOAD DESCRIPTION	WIRE SIZE	LOAD KVA	BREAKER AMP	P	BREAKER AMP	P	LOAD KVA	WIRE SIZE	LOAD DESCRIPTION	CKT NO.
*C 1	AREA LIGHTS	6	1.0	20	1	20	1	1.0	6	AREA LIGHTS	2 *C
*C 3	AREA LIGHTS	6	1.0	20	1	20	1	1.0	6	AREA LIGHTS	4 *C
5	SPARE			20	1	20	1			SPARE	6
7	SPARE			20	1	20	1			SPARE	8
9	SPARE			20	1	20	1			SPARE	10
11	SPARE			20	1	--	--	--	--	--	12

KEY: *C = THRU CONTACTOR *T = THRU TIME CLOCK

KIOSK PANEL CIRCUIT BOARD LAYOUT (K-1)

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREET'S DIVISION

ELECTRICAL KIOSK 2

TYPE: BOLT-ON
MOUNTING: SURFACE - NEMA 3R
FED FR IOM: MS/1
AIC RATING: 65,000

PANEL NAME: PC

SOLID NEUTRAL
GROUND BUS

CONNECTED 33.5 KVA
MAIN: 225A MLO
VOLTS: 208Y / 120
PHASE: 3
WMRE: 4

CKT NO.	LOAD DESCRIPTION	WIRE SIZE	LOAD KVA	BREAKER AMP	P	BREAKER AMP	P	LOAD KVA	WIRE SIZE	LOAD DESCRIPTION	CKT NO.
1	1 RECEPT SS-69	8	1.0	20	1	20	1	1.0	8	1 RECEPT PL-283	2
3	1 RECEPT SS-69	8	1.0	20	1	20	1	1.0	8	1 RECEPT PL-285	4
5	1 RECEPT SS-71	8	1.0	20	1	20	1	1.0	8	1 RECEPT PL-287	6
7	1 RECEPT SS-71	8	1.0	20	1	20	1	1.0	8	1 RECEPT PL-289	8
9	1 RECEPT PL-289	8	1.0	20	1	20	1	1.0	12	BENCH LGT DRIVER B-17, 18, 19	10 *T
11	1 RECEPT SS-73	8	1.0	20	1	20	1	1.0	12	BENCH LGT DRIVER B-11, 12, 13	12 *T
13	1 RECEPT SS-73	8	1.0	20	1	20	1	1.0	8	LEIF ELECTRICAL	14
15	OUTLET RECPT 110C	8	1.0	20	1	20	1	1.0	8	1 RECEPT PL-282	16
17	OUTLET RECPT 110C	8	1.0	20	1	20	1	1.0	8	1 RECEPT PL-284	18
19	1 RECEPT SS-70	8	1.0	20	1	20	1	1.0	8	1 RECEPT PL-286	20
21	1 RECEPT SS-70	8	1.0	20	1	20	1	1.0	8	1 RECEPT PL-291	22
23	1 RECEPT SS-72	8	1.0	20	1	20	1	1.0	8	1 RECEPT PL-292	24
25	1 RECEPT SS-72	8	1.0	20	1	20	1	1.0	8	1 RECEPT PL-288	26
27	1 RECEPT PL-290	8	1.0	20	1	20	1	1.0	8	OUTLET RECPT 110D	28
*C 29	PED LIGHTS	8	0.3	20	1	20	1	1.0	8	OUTLET RECPT 110D	30
*C 31	PED LIGHTS	8	0.3	20	1	20	1	0.3	8	PED LIGHTS	32 *C
33	IRRIGATION	8	1.0	20	1	20	1	0.3	8	PED LIGHTS	34 *C
35	B-CYCLE	8	1.0	20	1	20	1	0.3	8	PED LIGHTS	36 *C
37	KIOSK RECPT	10	0.5	30	1	20	1	0.5	12	KIOSK LIGHTS	38 *T
39	SPARE			20	1	20	1			SPARE	40
41	SPARE			20	1	20	1			SPARE	42

TYPE: BOLT-ON
MOUNTING: SURFACE - NEMA 3R
FED FR IOM: MS/1
AIC RATING: 65,000

PANEL NAME: PD

SOLID NEUTRAL
GROUND BUS

CONNECTED 4.0 KVA
MAIN: 225A MLO
VOLTS: 208Y / 120
PHASE: 3
WMRE: 4

CKT NO.	LOAD DESCRIPTION	WIRE SIZE	LOAD KVA	BREAKER AMP	P	BREAKER AMP	P	LOAD KVA	WIRE SIZE	LOAD DESCRIPTION	CKT NO.
*C 1	AREA LIGHTS	6	1.0	20	1	20	1	1.0	6	AREA LIGHTS	2 *C
*C 3	AREA LIGHTS	6	1.0	20	1	20	1	1.0	6	AREA LIGHTS	4 *C
5	SPARE			20	1	20	1			SPARE	6
7	SPARE			20	1	20	1			SPARE	8
9	SPARE			20	1	20	1			SPARE	10
11	SPARE			20	1	--	--	--	--	--	12

TYPE: BOLT-ON
MOUNTING: SURFACE - NEMA 3R
FED FR IOM: MS/1
AIC RATING: 65,000

PANEL NAME: PE

SOLID NEUTRAL
GROUND BUS

CONNECTED 2.0 KVA
MAIN: 225A MLO
VOLTS: 208Y / 120
PHASE: 3
WMRE: 4

CKT NO.	LOAD DESCRIPTION	WIRE SIZE	LOAD KVA	BREAKER AMP	P	BREAKER AMP	P	LOAD KVA	WIRE SIZE	LOAD DESCRIPTION	CKT NO.
*T 1	BENCH LIGHT DRIVER B-14, 15	12	1.0	20	1	20	1	1.0	6	SPARE	2
*T 3	BENCH LIGHT DRIVER B-16	12	1.0	20	1	20	1	1.0	6	SPARE	4
5	SPARE			20	1	20	1			SPARE	6
7	SPARE			20	1	20	1			SPARE	8
9	SPARE			20	1	20	1			SPARE	10
11	SPARE			20	1	--	--	--	--	--	12

KEY: *C = THRU CONTACTOR *T = THRU TIME CLOCK

KIOSK PANEL CIRCUIT BOARD LAYOUT (K-2)

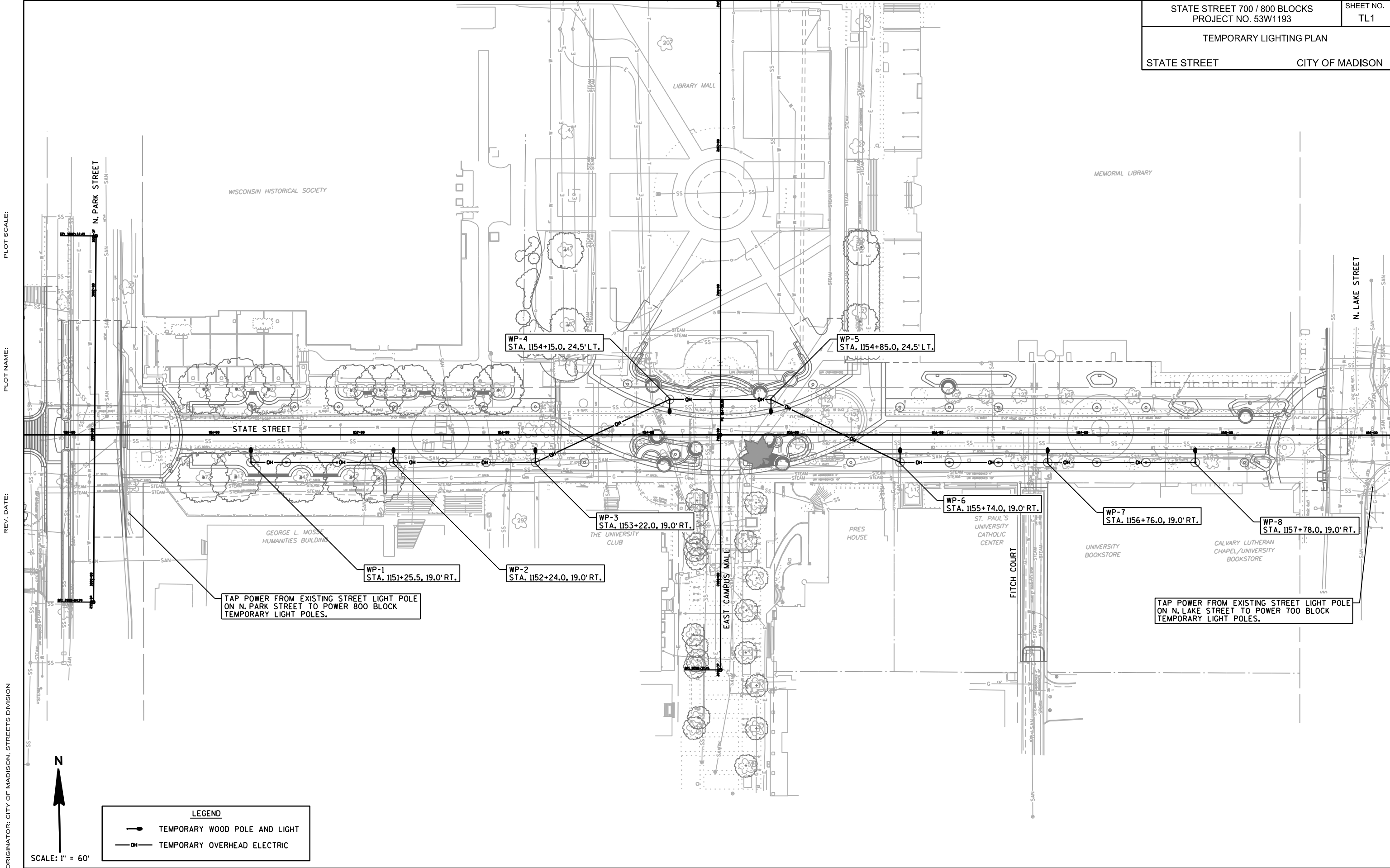
STATE STREET 700 / 800 BLOCKS
PROJECT NO. 53W1193

SHEET NO.
E25

ELECTRICAL DETAILS

STATE STREET

CITY OF MADISON



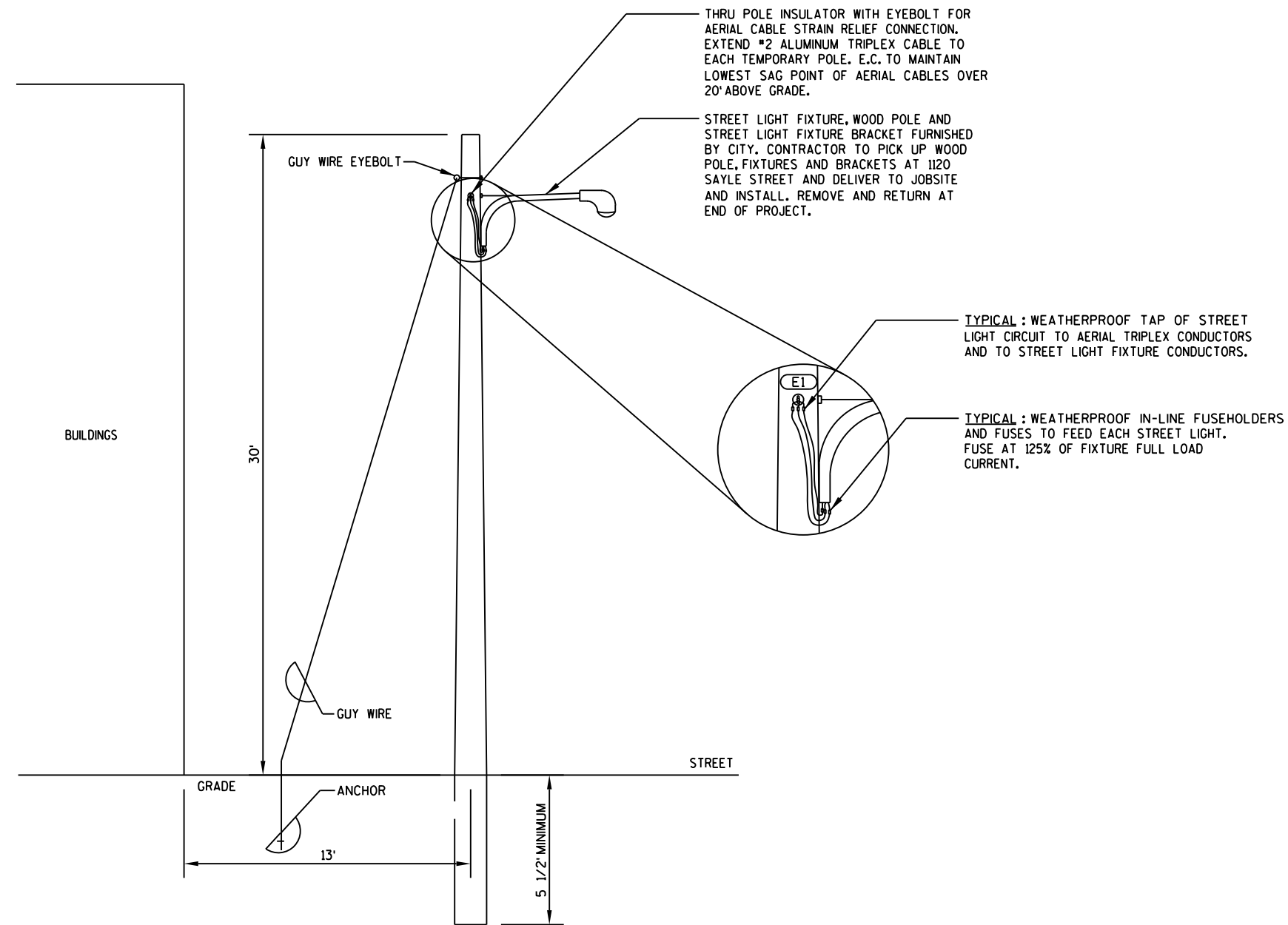
ORIGINATOR: CITY OF MADISON, STREET'S DIVISION

PLOT SCALE:

PLOT NAME:

REV. DATE:

SCALE: 1" = 60'



TYPICAL TEMPORARY WOOD POLE AND LIGHT DETAIL

SCALE: NONE

NOTES:

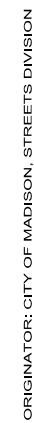
- (E1) CONTRACTOR TO INTERCEPT EXISTING 115/230V STREET LIGHT CIRCUITS AT EXISTING STREET LIGHT POLES ON N. PARK STREET & N. LAKE STREET AND MAKE CONECTIONS TO NEW AERIAL CABLES FOR TEMPORARY STREET LIGHTING. REFER TO TEMPORARY LIGHTING PLAN FOR LOCATIONS OF TEMPORARY POLES AND LIGHTS, AND ADDITIONAL INSTRUCTIONS.

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREET'S DIVISION



NOTES:
-ADDITIONAL SIGNING ON STAGING PLANS
-ALL 'W' SERIES SIGNS ARE 36" X 36"
UNLESS OTHERWISE INDICATED

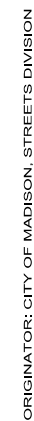
LEGEND

- (A) FOR STAGES (1, 2A, AND 4)
(X) FOR STAGE X ONLY

 WORK ZONE

POST MOUNTED SIGN / TYPE II
BARRICADE WITH SIGN

	TYPE III BARRICADE WITH/WITHOUT SIGN
---	--------------------------------------



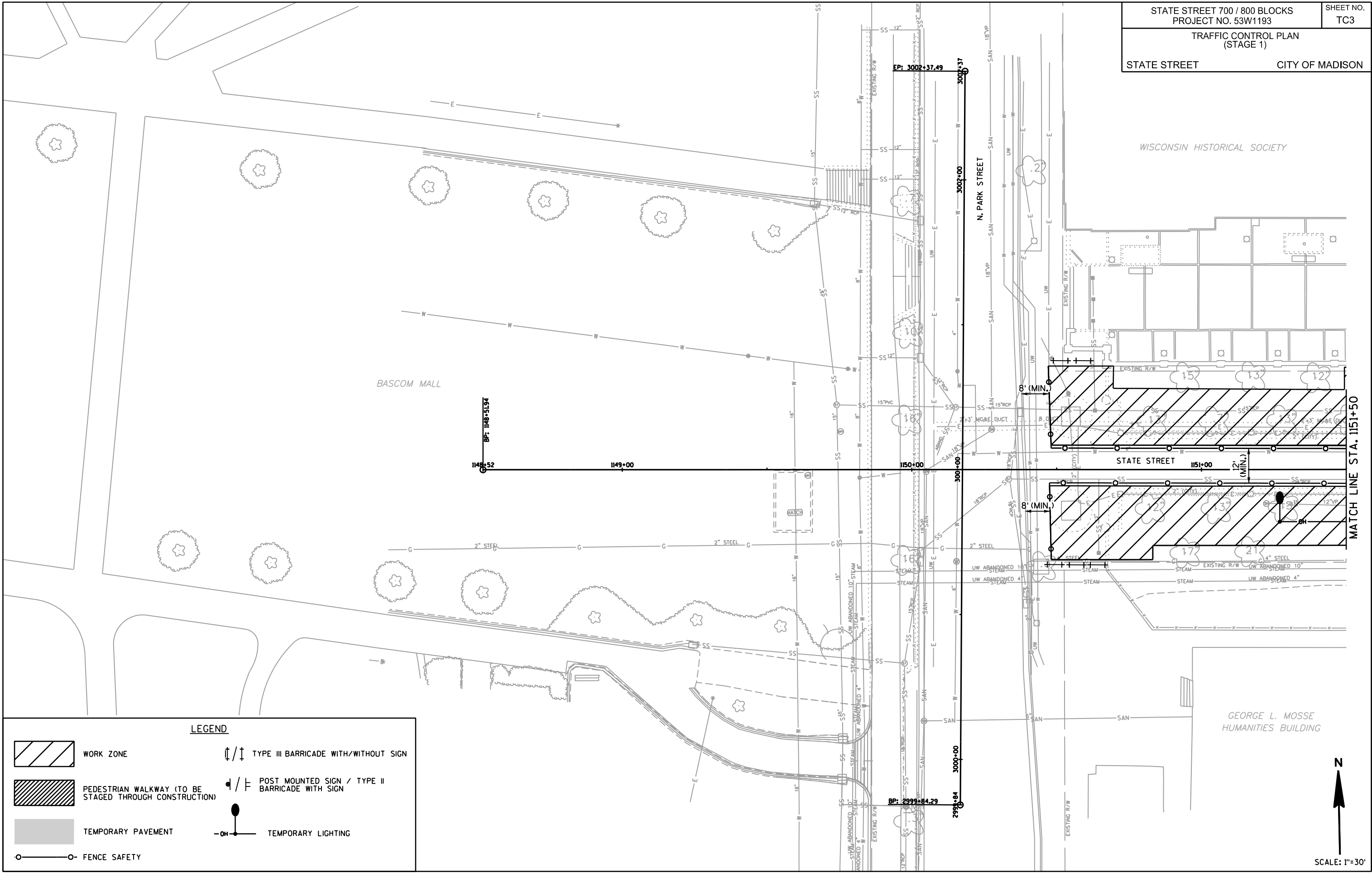
|| / || TYPE III BARRICADE WITH/WITHOUT SIGN

PLOT SCALE:

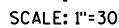
PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREET'S DIVISION



STATE STREET CITY OF MADISON

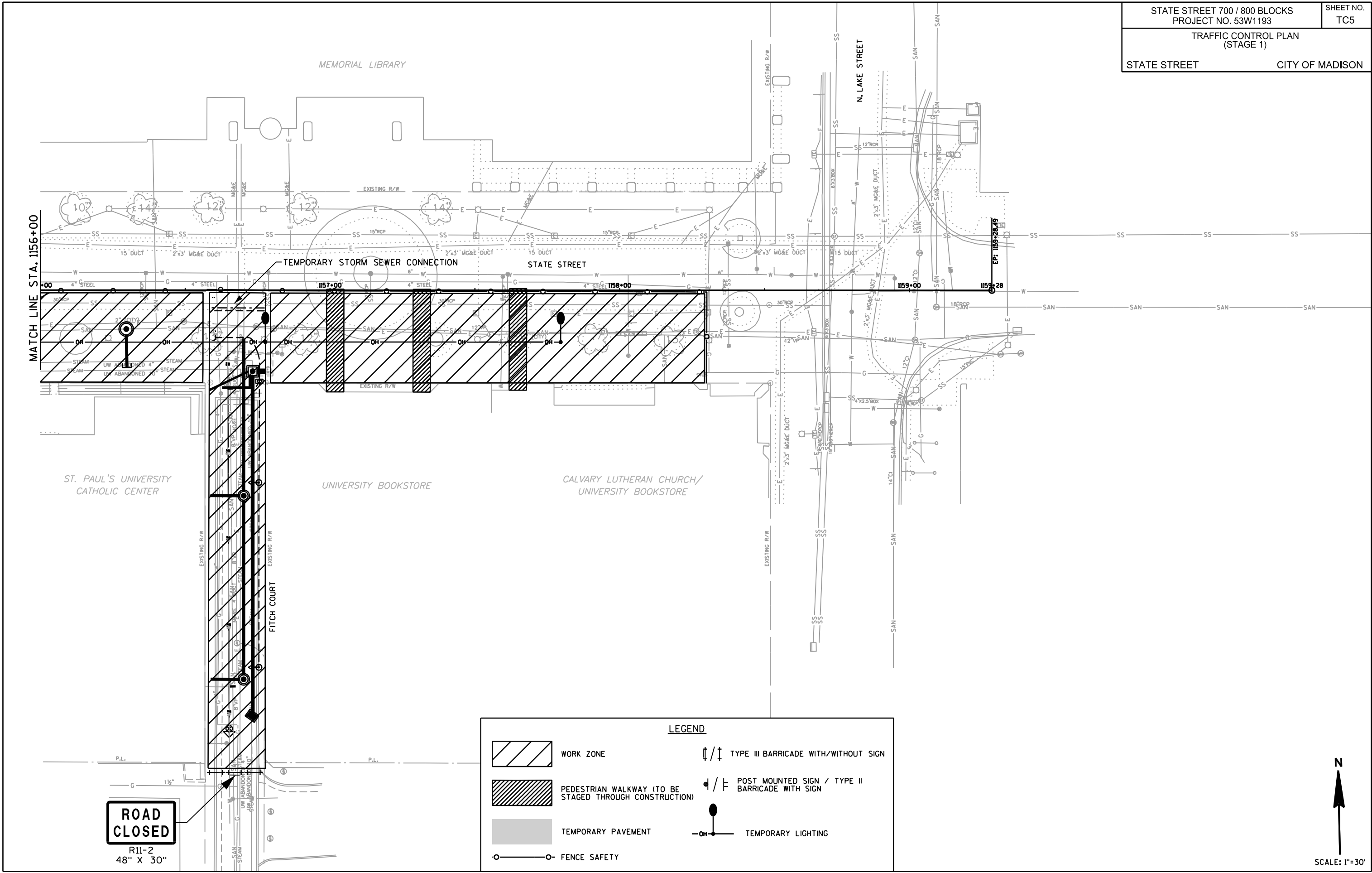


PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREET'S DIVISION

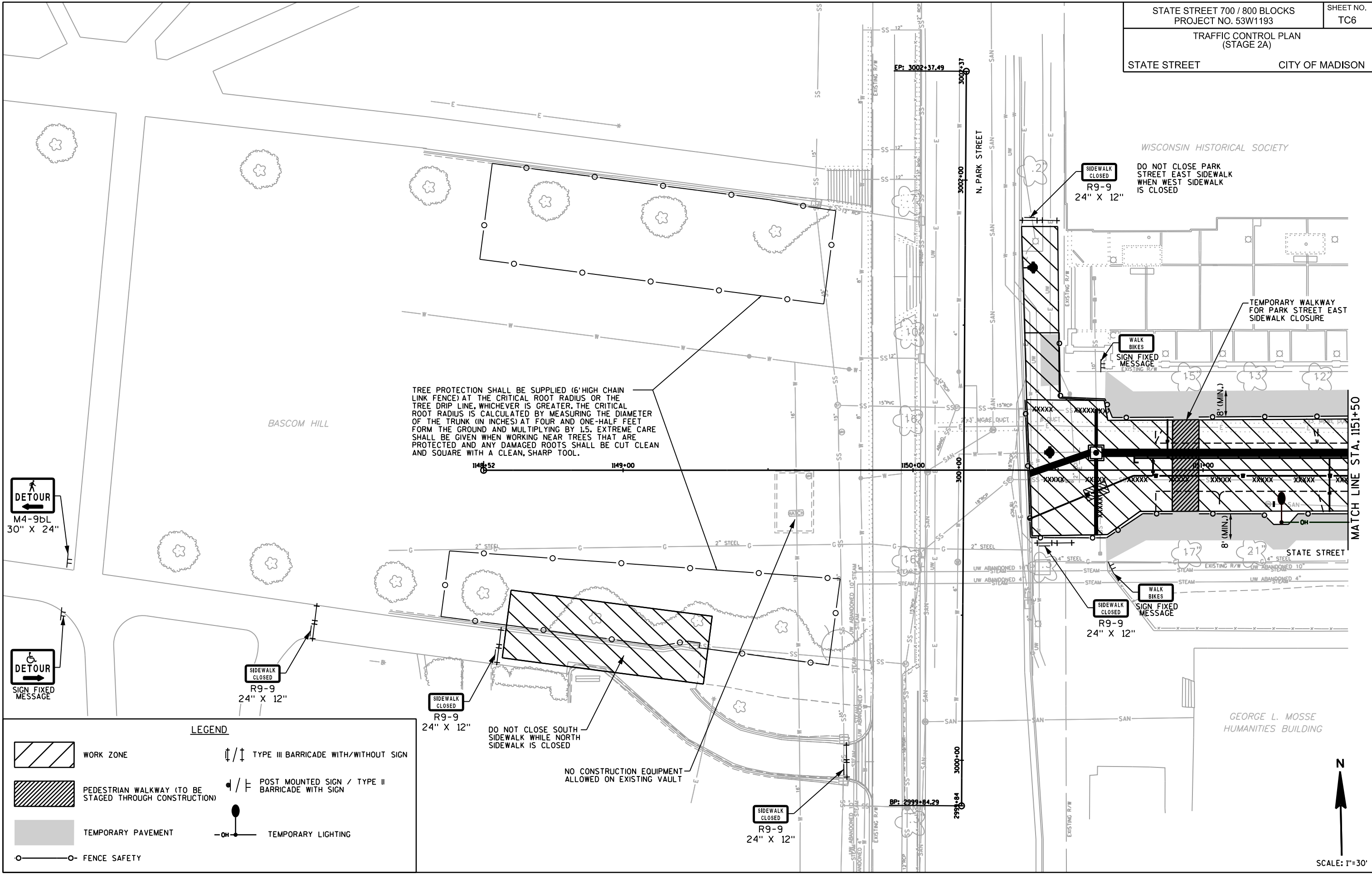


PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREET'S DIVISION



STATE STREET CITY OF MADISON

R11-2
48" X 30" WISCONSIN HISTORICAL SOCIETY

DO NOT CLOSE PARK
STREET EAST SIDEWALK
WHEN WEST SIDEWALK
IS CLOSED

TREE PROTECTION SHALL BE SUPPLIED (6' HIGH CHAIN LINK FENCE) AT THE CRITICAL ROOT RADIUS OR THE TREE DRIP LINE, WHICHEVER IS GREATER. THE CRITICAL ROOT RADIUS IS CALCULATED BY MEASURING THE DIAMETER OF THE TRUNK (IN INCHES) AT FOUR AND ONE-HALF FEET FROM THE GROUND AND MULTIPLYING BY 1.5. EXTREME CARE SHALL BE GIVEN WHEN WORKING NEAR TREES THAT ARE PROTECTED AND ANY DAMAGED ROOTS SHALL BE CUT CLEAN AND SQUARE WITH A CLEAN, SHARP TOOL.

BASCOM HILL

DO NOT CLOSE SOUTH
SIDEWALK WHILE NORTH
SIDEWALK IS CLOSED

NO CONSTRUCTION EQUIPMENT
ALLOWED ON EXISTING VAULT

MAINTAIN PEDESTRIAN CROSSWALK

GEORGE L. MOSSE
HUMANITIES BUILDING

MATCH LINE STA. 1151+50

SCALE: 1"=30'

PLOT SCALE:

PLOT NAME:

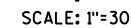
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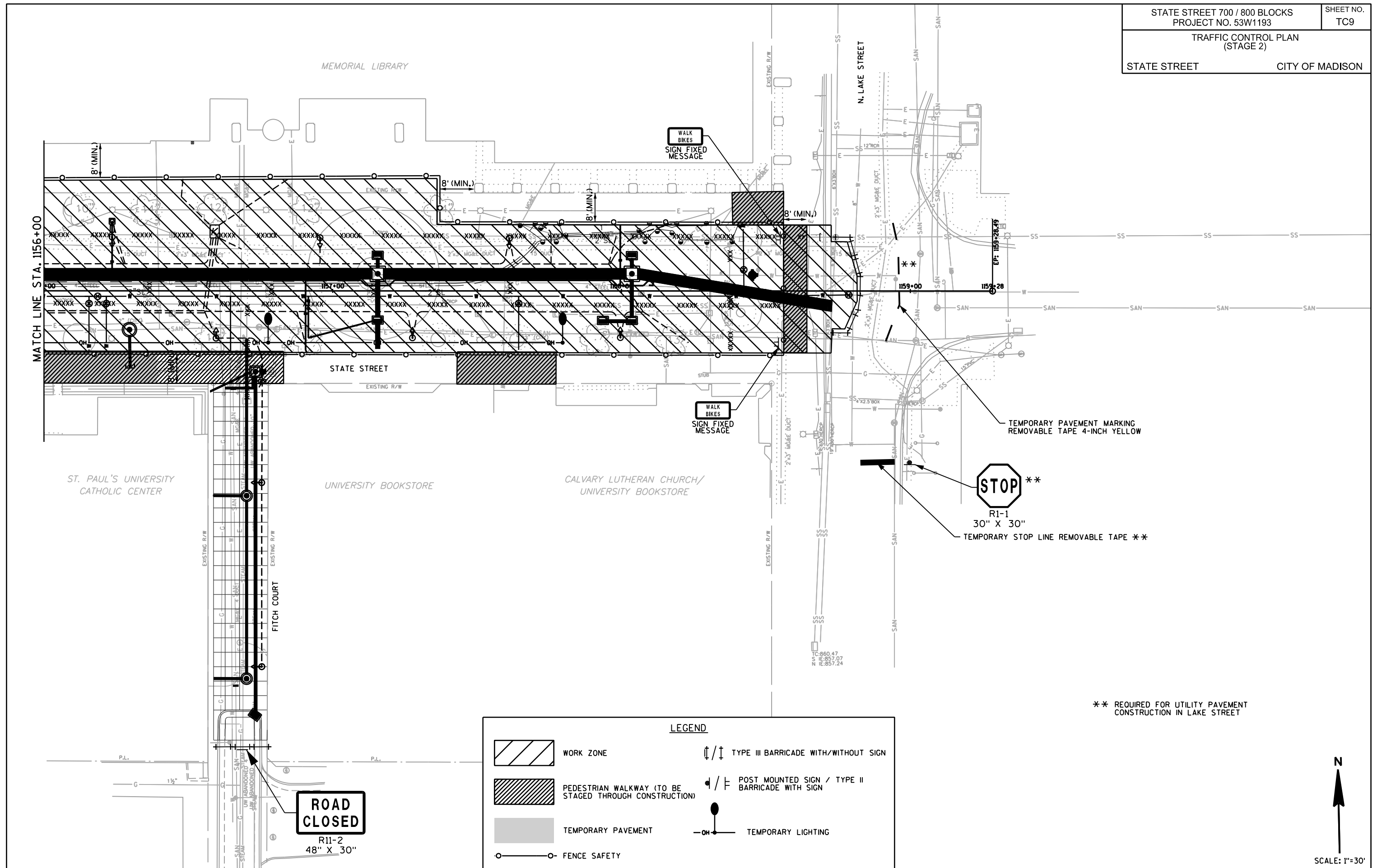
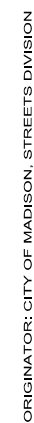
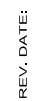
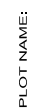
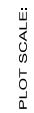
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

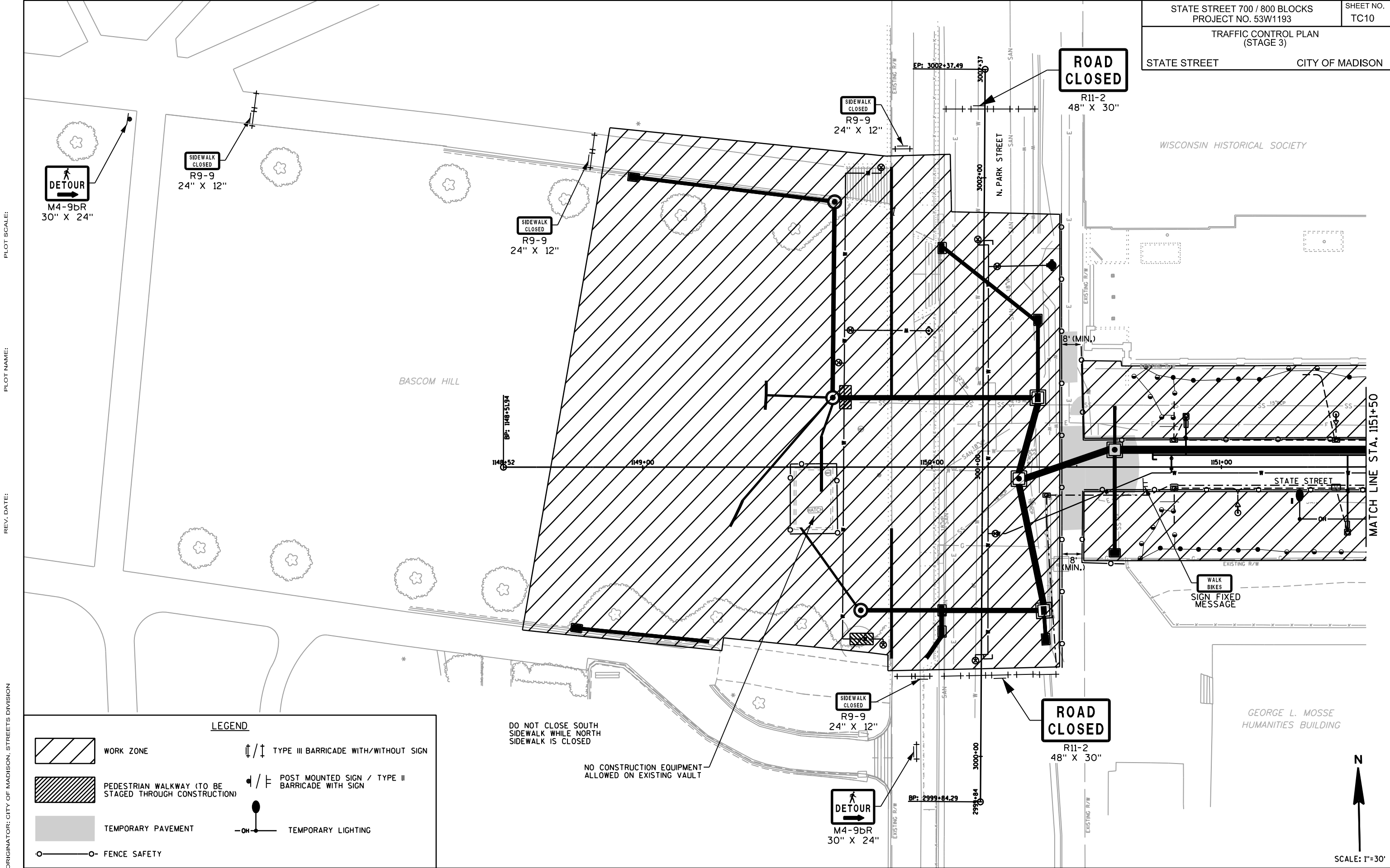
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Stage 2B_01.dgn 2/28/2014 3:47:44 PM jdolens

DATE: \$\$...plottingdate...\$\$

STATE STREET CITY OF MADISON







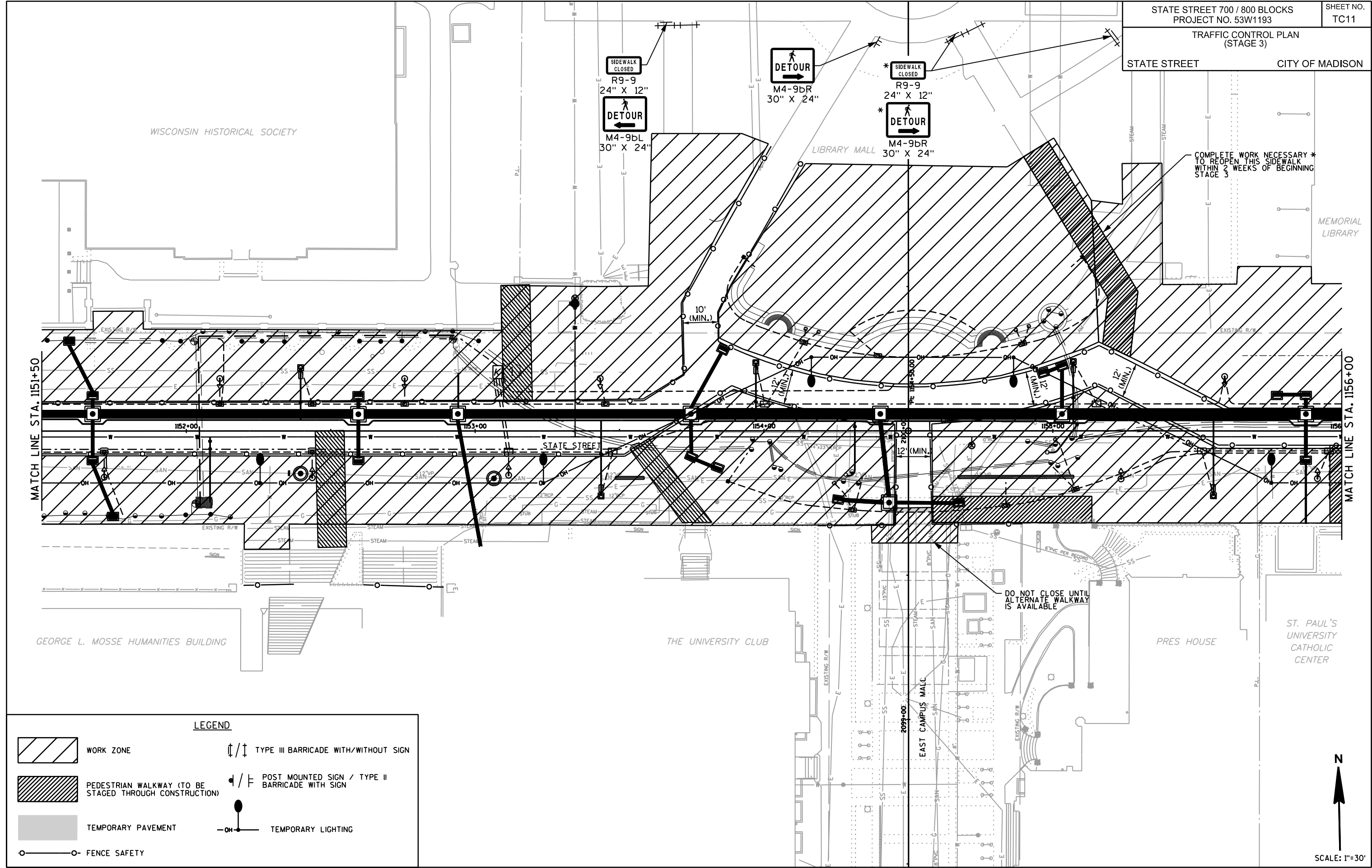
PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLOT SCALE:
PLOT NAME:
REV. DATE:
ORIGINATOR: CITY OF MADISON, STREET'S DIVISION



LEGEND

WORK ZONE

PEDESTRIAN WALKWAY (TO BE STAGED THROUGH CONSTRUCTION)

TEMPORARY PAVEMENT

FENCE SAFETY

TYPE III BARRICADE WITH/WITHOUT SIGN

POST MOUNTED SIGN / TYPE II BARRICADE WITH SIGN

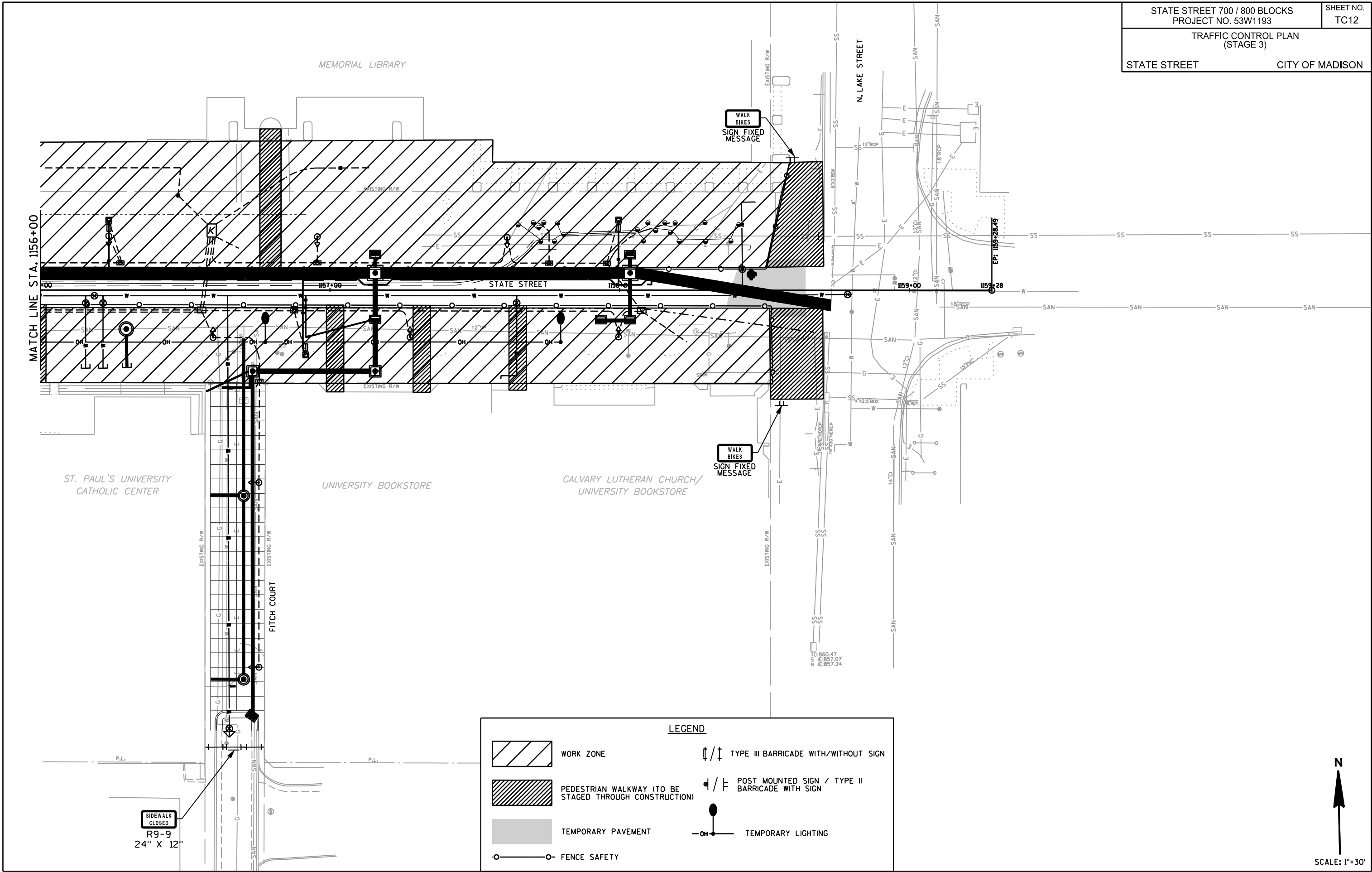
TEMPORARY LIGHTING

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREET'S DIVISION

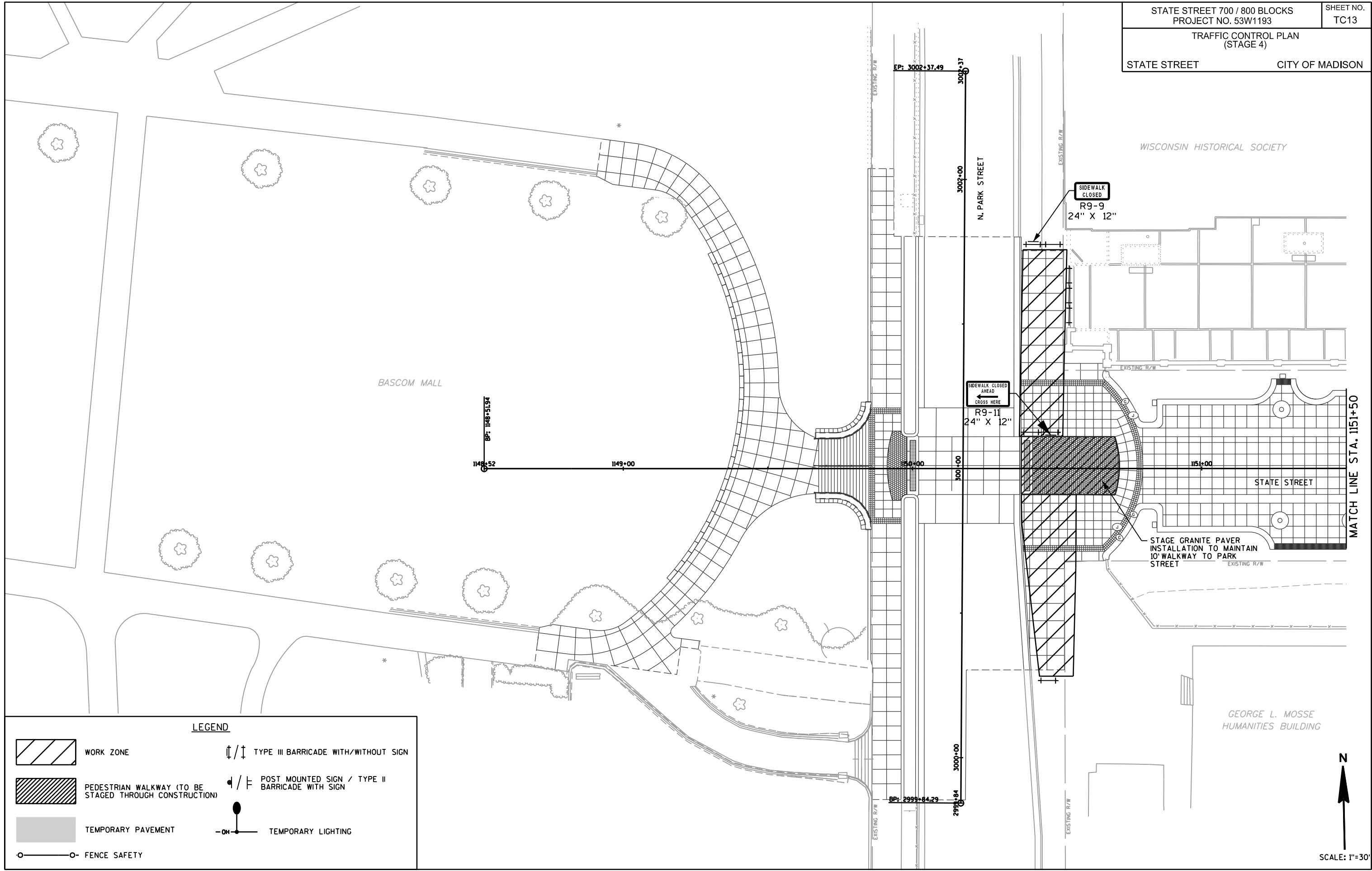


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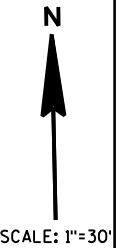
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ORIGINATOR: CITY OF MADISON, STREETS DIVISION



LEGEND

- | | | | |
|--|--|--|---|
| | WORK ZONE | | TYPE III BARRICADE WITH/WITHOUT SIGN |
| | PEDESTRIAN WALKWAY (TO BE STAGED THROUGH CONSTRUCTION) | | POST MOUNTED SIGN / TYPE II BARRICADE WITH SIGN |
| | TEMPORARY PAVEMENT | | TEMPORARY LIGHTING |
| | FENCE SAFETY | | |



PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREET'S DIVISION

MATCH LINE STA. 1151+50

MATCH LINE STA. 1156+00

WISCONSIN HISTORICAL SOCIETY

LIBRARY MALL

MEMORIAL
LIBRARY

STATE STREET

GEORGE L. MOSSE HUMANITIES BUILDING

THE UNIVERSITY CLUB

PRES HOUSE

ST. PAUL'S
UNIVERSITY
CATHOLIC
CENTER

EAST CAMPUS MALL

LEGEND

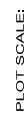
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|---|--|---|---|
|  | WORK ZONE |  | TYPE III BARRICADE WITH/WITHOUT SIGN |
|  | PEDESTRIAN WALKWAY (TO BE STAGED THROUGH CONSTRUCTION) |  | POST MOUNTED SIGN / TYPE II BARRICADE WITH SIGN |
|  | TEMPORARY PAVEMENT |  | TEMPORARY LIGHTING |
|  | FENCE SAFETY | | |



SCALE: 1"=30'

TRAFFIC CONTROL PLAN
(STAGE 4)

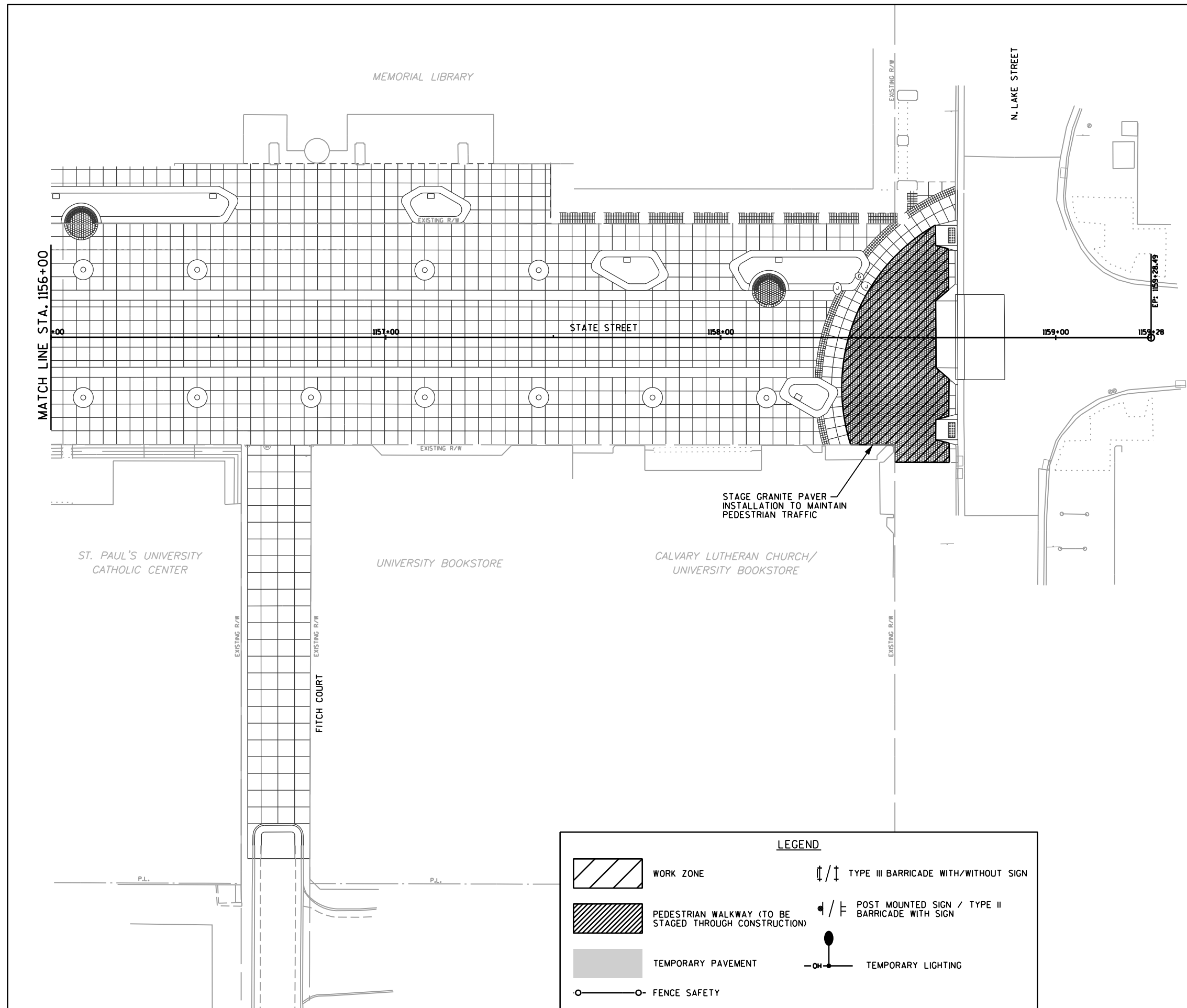
STATE STREET CITY OF MADISON



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