

Madison, Wisconsin

CITY OF MADISON

CITY ENGINEERING DIVISION

DEPARTMENT OF PUBLIC WORKS

PLAN OF PROPOSED IMPROVEMENT

PUBLIC IMPROVEMENT PROJECT APPROVED

OCTOBER 2, 2012

BY THE COMMON COUNCIL OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN APPROVED BY:

[Signature] 3/7/13
City Engineer Date

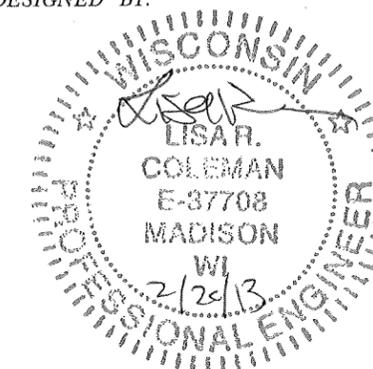
INDEX OF SHEETS

SHEET NO.	TITLE
1	DETAILS
DI-D3	STATE STREET SIDEWALK PLAN AND PROFILE
P1	FAIRCHILD STREET SIDEWALK PLAN AND PROFILE
P2	MIFFLIN STREET SIDEWALK PLAN AND PROFILE
P3	UTILITY PLANS
UI-U2	ELECTRICAL PLAN
E1	PAVEMENT MARKING PLAN
MI	

100 BLOCK STATE STREET (117-129 STATE STREET & 120-124 W. MIFFLIN STREET)

CITY PROJECT NO. 53B2305
CONTRACT NO. 2305

SIDEWALK DESIGNED BY:



ELECTRICAL DESIGNED BY:



SANITARY SEWER DESIGNED BY:

LATERAL ABANDONMENT ONLY

STORM SEWER DESIGNED BY:



PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

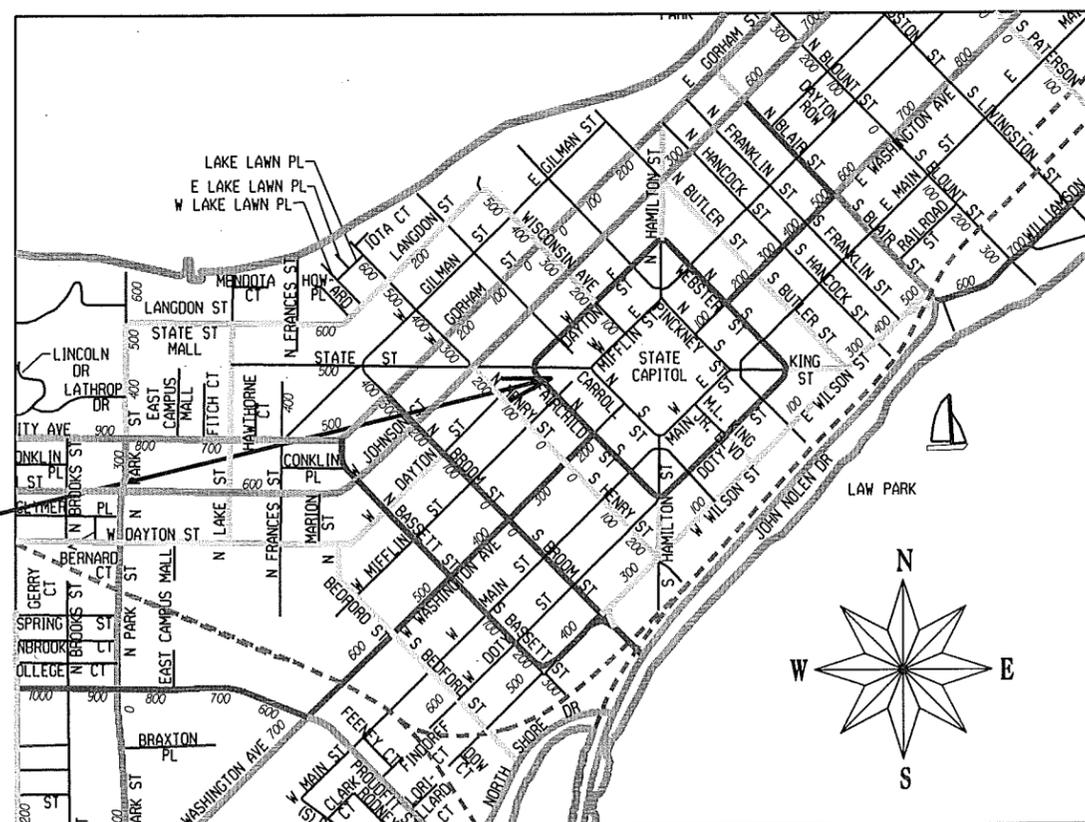
CONVENTIONAL SIGNS	
FIELD VERIFY ALL UTILITY LOCATIONS	
GAS	— G —
STORM SEWER	— ST —
SANITARY SEWER	— SAN —
WATER	— W —
OVERHEAD ELECTRIC	— OH —
POWER POLE	⊕
ADA COMPLIANT RAMP W/ DETECTABLE WARNING FIELD	[Symbol]
COMBUSTIBLE FLUIDS	[Symbol]

CONSTRUCTION PROJECT LOCATION

NOTES:

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

SIDEWALK RAMPS AND CURB THRU SIDEWALK RAMPS SHALL HAVE A MAXIMUM SLOPE OF 1" PER 12". SIDEWALK AND CURB RAMPS SHALL BE CONSTRUCTED WITH A SIDE SLOPE OF 2.00%. SIDEWALK SHALL HAVE A MINIMUM LONGITUDINAL SLOPE OF 0.40% AND A MAXIMUM LONGITUDINAL SLOPE OF 5.00% EXCEPT WHERE STREET GRADES EXCEED 5.00%.



THE LOCATION AND INFORMATION FOR PROPOSED NEW TREES, IN THE PUBLIC RIGHT OF WAY OR ON PUBLIC LANDS ARE APPROXIMATE AND ARE SHOWN FOR REFERENCE ONLY. THE LOCATIONS, SPECIFICATIONS AND PLANTING METHODS OF ALL PROPOSED NEW OR REPLACEMENT TREES IN THE PUBLIC RIGHT OF WAY OR ON PUBLIC LANDS SHALL BE APPROVED BY THE CITY FORESTER PRIOR TO INSTALLATION.

NO TREES IN THE RIGHT OF WAY OR ON PUBLIC LANDS SHALL BE TRIMMED, PRUNED, REMOVED OR ADVERSELY AFFECTED IN ANY WAY UNTIL THE DEVELOPER HAS RECEIVED WRITTEN PERMISSION FROM THE CITY ENGINEER OR CITY FORESTER. SAID WRITTEN PERMISSION SHALL INCLUDE LANGUAGE INDICATING THAT SECTION 10.101 OF THE MADISON GENERAL ORDINANCES AND ADMINISTRATIVE PROCEDURE MEMORANDUM NO. 6-2, REFERING TO NOTIFICATION OF PROPERTY OCCUPANTS AND/OR OWNERS, HAS BEEN COMPLIED WITH.

THE DEVELOPER/CONTRACTOR SHALL CONTACT CITY FORESTRY (DEAN KAHL 266-4891 OR 266-4816) PRIOR TO EXCAVATING WITHIN 5 FT. OF AN EXISTING TREE SO THAT THEY MAY PROVIDE DIRECTION ON THE WORK. THE DEVELOPER/CONTRACTOR SHALL ALSO CONTACT CITY FORESTRY AT LEAST ONE WEEK PRIOR TO ANY TREE REMOVALS OR PRUNING TO OBTAIN A PERMIT FOR TREE REMOVAL OR PRUNING WITHIN THE RIGHT-OF-WAY.

FOR THE TWO TREES ON STATE STREET TO BE SAVED, CONTRACTOR SHALL INSTALL TREE PROTECTION FENCING AROUND THE PERIMETER OF THE TREE GRATE AREA (5 FT DIAMETER).

FOR TREES TO BE REMOVED ON STATE STREET, GRIND STUMPS TO A MINIMUM DEPTH OF 24 INCHES.

CONTRACTOR SHALL REPLACE TREES WITH REPLACEMENT SPECIES AS NOTED ON THE PLANS WITHIN THE TERRACES. ALL REPLACEMENT TREES SHALL BE 2.5"-3.5" CALIPER B&B PLANTING STOCK. CONTRACTOR SHALL CONTACT DEAN KAHL WITH CITY FORESTRY (266-4891 OR 266-4816) AT LEAST ONE WEEK PRIOR TO PLANTING TO ALLOW FORESTRY TO SCHEDULE INSPECTION AND REVIEW PLANTING SPECIFICATIONS WITH THE LANDSCAPING CONTRACTOR.

THE DEVELOPER/CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN FOR REVIEW TO CITY TRAFFIC ENGINEERING AT LEAST 10 WORKING DAYS PRIOR TO WORK BEGINNING WITHIN THE RIGHT OF WAY. WORK SHALL NOT PROCEED IN THE RIGHT OF WAY UNTIL THE TRAFFIC CONTROL PLAN HAS BEEN APPROVED. THE TRAFFIC CONTROL PLAN MAY INCLUDE BUT IS NOT LIMITED TO: LANE CLOSURE RESTRICTIONS, PEAK HOUR WORKING RESTRICTIONS, ACCESS REQUIREMENTS, ETC. THE DEVELOPER/CONTRACTOR SHALL BE RESPONSIBLE FOR PHASING WORK AS NECESSARY TO MEET THE REQUIREMENTS OF THE APPROVED TRAFFIC CONTROL PLAN.

ALL PAVEMENT IN THE FAIRCHILD STREET AND MIFFLIN ST. RIGHT OF WAY SHALL BE TYPE C PAVEMENT. PAVEMENT IN STATE STREET ROW IS 10" CONCRETE PAVEMENT WITH INTEGRAL CURB - FOR FULL PLANS OF STATE STREET SEE CITY PROJECT NO. 53B0924.

UNDERDRAINS SHALL BE INSTALLED, PER STANDARD DETAIL DRAWING 4.05 FOR 75' ON EACH SIDE OF THE LOW POINT, OR TO THE NEAREST CURB HIGH POINT. ALL UNDERDRAIN SHALL BE WRAPPED.

ALL GUTTERS SHALL DRAIN WITH A MINIMUM GRADES OF 0.5% TOWARD STORM SEWER INLETS.

THE CROSS SLOPE OF SIDEWALKS AND BARRIER FREE SIDEWALK CURB RAMPS SHALL BE 2%. THE LONGITUDINAL GRADE OF BARRIER FREE SIDEWALK CURB RAMPS SHALL NOT EXCEED 8.33%. ALL SIDEWALK RAMPS SHALL BE CONSTRUCTED ACCORDING TO S.D.D. 3.03. AT ALL OTHER LOCATIONS THE LONGITUDINAL GRADE OF SIDEWALKS SHALL NOT EXCEED 5.0 % OR THE ADJACENT STREET GRADE WHICHEVER IS GREATER NOR BE LESS THAN 0.4% AND SHALL DRAIN TOWARD STORM SEWER INLETS. SIDE SLOPES WITHIN TEN FEET OF A PUBLIC SIDEWALK SHALL NOT EXCEED 4.00:1. ALL SIDEWALK AND SIDEWALK RAMP ELEVATIONS AND GRADES SHALL BE FIELD VERIFIED AND SET TO COMPLY WITH THE CITY OF MADISON STANDARD SPECIFICATIONS AND THE A.D.A. GUIDELINES.

OBTAIN A PRINT OUT OF THE ALIGNMENT FROM THE CITY ENGINEER PRIOR TO STAKING THIS PROJECT.

CURB STATION AND OFFSETS SHALL BE TO THE FACE OF CURB UNLESS OTHERWISE INDICATED. CURB ELEVATIONS SHALL BE TO THE TOP OF CURB (OR EXTENDED TOP OF CURB FOR DRIVEWAYS OR RAMPS) UNLESS OTHERWISE INDICATED.

POWER POLES AND OTHER OBSTRUCTIONS SHALL BE MOVED TO PROVIDE 2 FEET MINIMUM OF CLEAR DISTANCE FROM ANY FACE OF CURB OR EDGE OF SIDEWALK.

ANY INFORMATION SHOWN ON THIS PLAN, WHICH IS NOT PART OF THIS PROJECT, IS PRELIMINARY AND NOT FOR CONSTRUCTION.

THERE MAY BE EXISTING UTILITIES OR OTHER FEATURES WHICH ARE EITHER NOT SHOWN OR SHOWN INCORRECTLY ON THIS PLAN. IT IS THE RESPONSIBILITY OF THE DEVELOPER TO LOCATE AND IDENTIFY ALL UTILITIES AND TOPOGRAPHY WHICH MAY AFFECT THE CONSTRUCTION OF THESE IMPROVEMENTS.

ALL PERMANENT SIGNING AND POSTING WILL BE DETERMINED AND PROVIDED BY THE TRAFFIC ENGINEERING DIVISION, FOLLOWING CONSTRUCTION OF THESE IMPROVEMENTS.

THE DEVELOPER SHALL PROVIDE, INSTALL AND MAINTAIN ALL STREET END BARRICADES, SIGNING AND TRAFFIC CONTROL, AS REQUIRED BY THE CITY TRAFFIC ENGINEER.

PAVEMENT SAWCUTS SHALL BE AS DIRECTED BY THE CITY CONSTRUCTION ENGINEER. SAWCUTS SHOWN ON THE PLAN ARE APPROXIMATE.

CURB ON CUL DE SACS SHALL BE INSTALLED ACCORDING TO SDD 3.05.

PLOT SCALE: _____

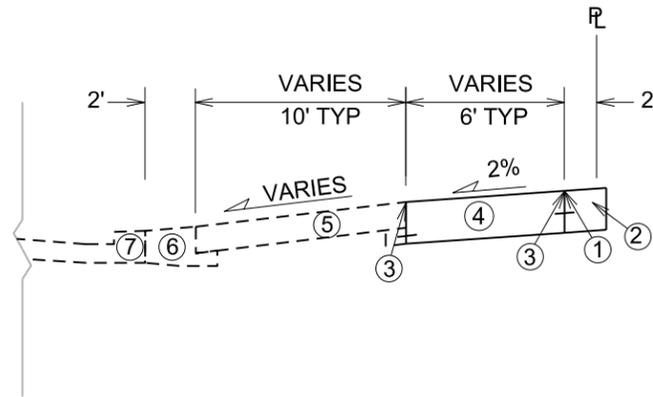
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REV. DATE: _____

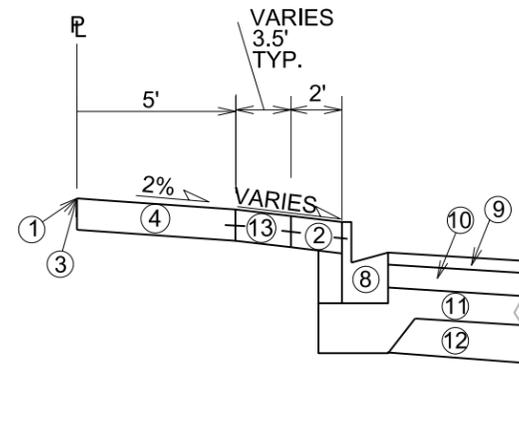
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

- ① REFERENCE LINE AND/OR POINT REFERRED TO ON PROFILE
- ② 7" CONCRETE BAND
- ③ PLACE JOINT FILLER AND JOINT SEALER
- ④ 7" EXPOSED C1 AGGREGATE CONCRETE SIDEWALK
- ⑤ EXISTING 7" STRUCTURAL TREE VAULT SLAB - EXPOSED AGGREGATE (REPLACE IF DAMAGED)
- ⑥ EXISTING REINFORCED CONCRETE BAND (REPLACE IF DAMAGED)
- ⑦ EXISTING 10" CONCRETE PAVEMENT WITH INTEGRAL CURB (REPLACE IF DAMAGED)
- ⑧ TYPE A CONCRETE CURB AND GUTTER
- ⑨ 2" UPPER LAYER BIT PVMT, 12.5 mm, TYPE E-3
- ⑩ 3.25" LOWER LAYER BIT PVMT, 19 mm, TYPE E-3
- ⑪ 4" BASE AGGREGATE GRADATION 2
- ⑫ 6" BASE AGGREGATE GRADATION 1
- ⑬ 7" EXPOSED C1 AGGREGATE CONCRETE TERRACE

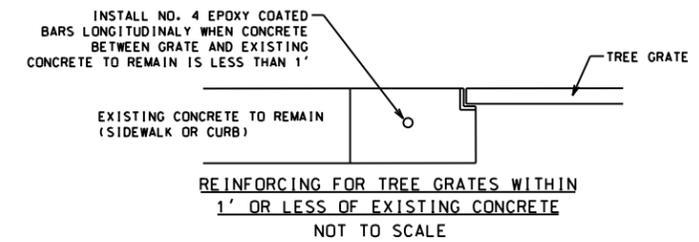
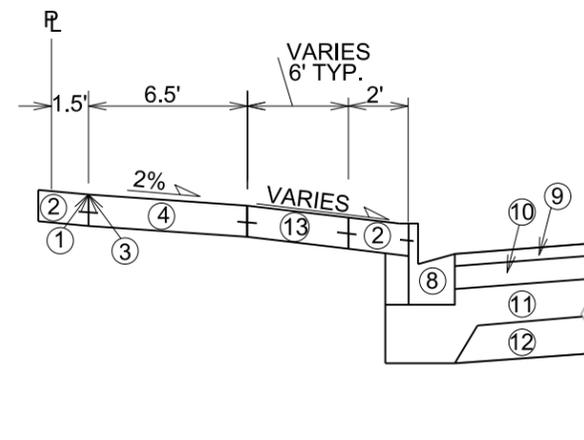
TYPICAL SECTION
STATE STREET
NTS



TYPICAL SECTION
N. FAIRCHILD STREET
NTS



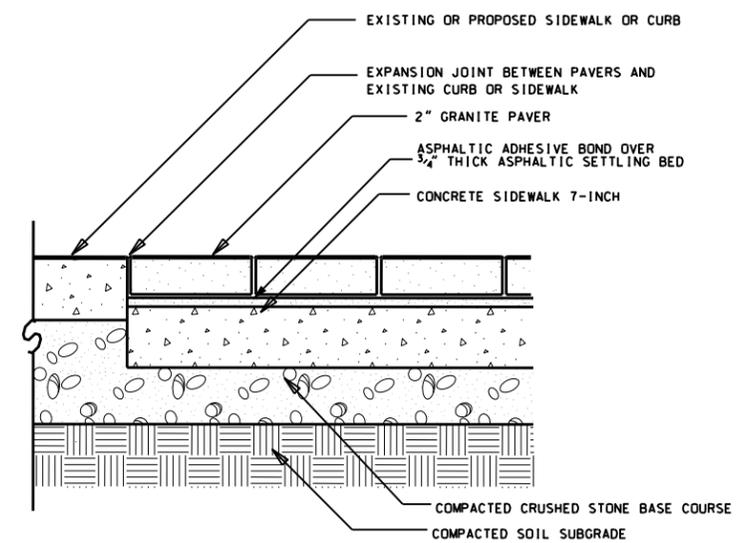
TYPICAL SECTION
W. MIFFLIN STREET
NTS



NOTES:

- 1. TREE GRATE LOCATIONS TO BE VERIFIED WITH ENGINEER
- 2. WHEN MATURE TREE IS OFF CENTER, VERIFY WITH ENGINEER TO DETERMINE EXPOSED AGGREGATE LIMITS & OPENING LOCATION
- 3. VERIFY JOINT PATTERN WITH ENGINEER
- 4. REFER TO S.D.D. 2.02 FOR BACKFILL DETAILS

TREE GRATE INSTALLATION DETAIL
NOT TO SCALE



GRANITE PAVER DETAIL
NOT TO SCALE

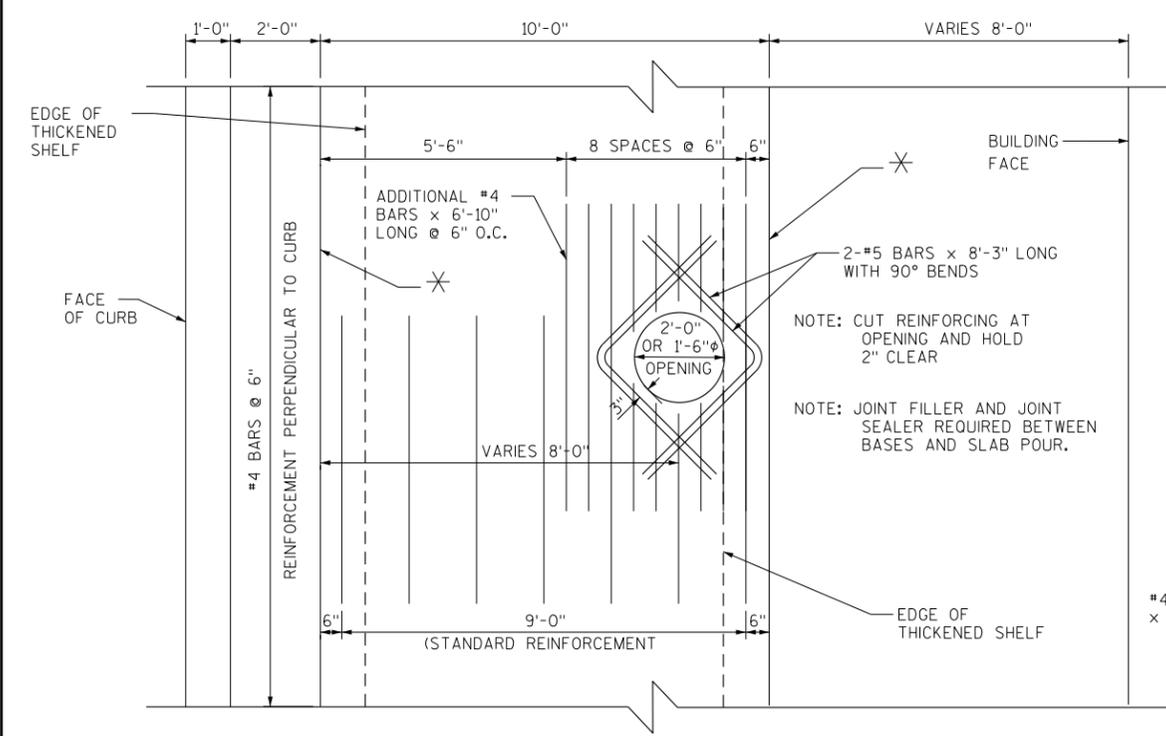
PLOT SCALE: _____

PLOT NAME: _____

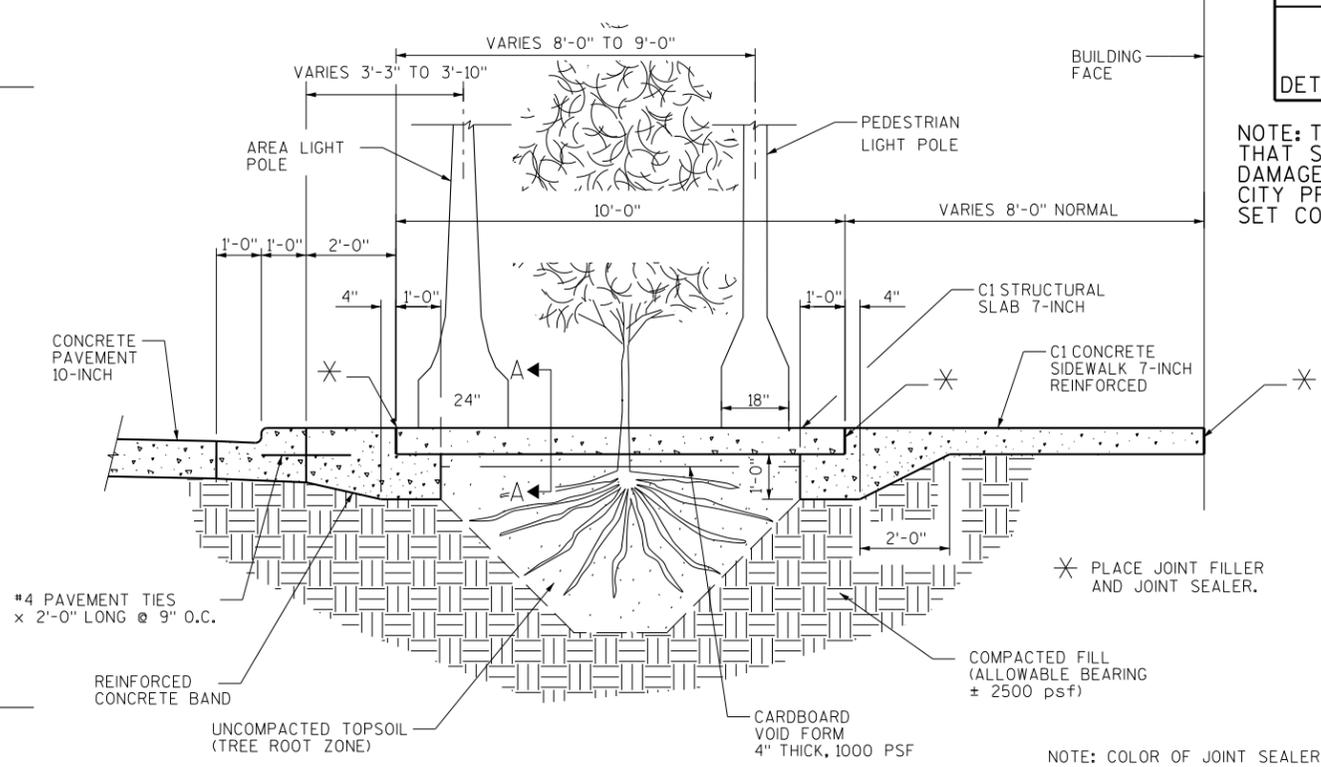
REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

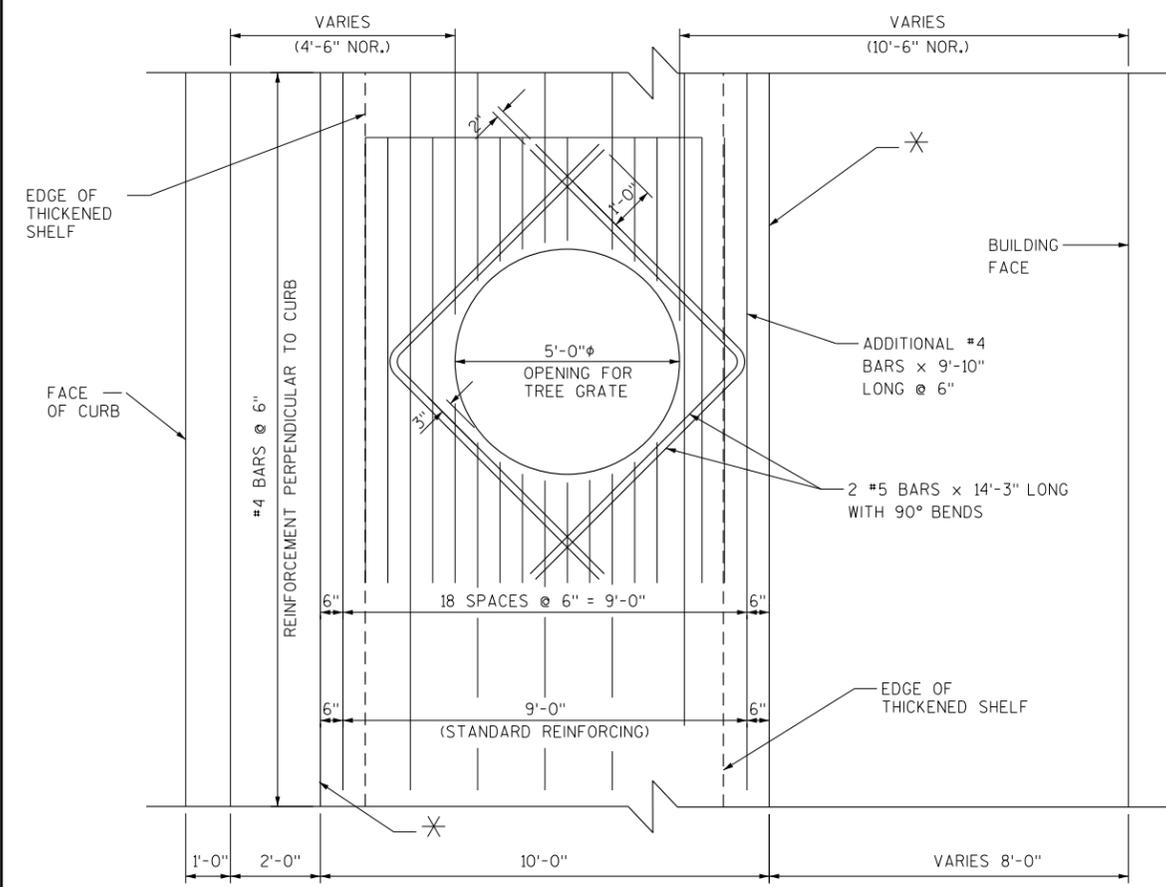
NOTE: THESE DETAILS PROVIDED IN THE EVENT THAT STRUCTURAL TREE VAULT SLAB IS DAMAGED AND MUST BE REPLACED. SEE CITY PROJECT NO. 53B0924 FOR FULL SET CONSTRUCTION PLANS FOR STATE STREET.



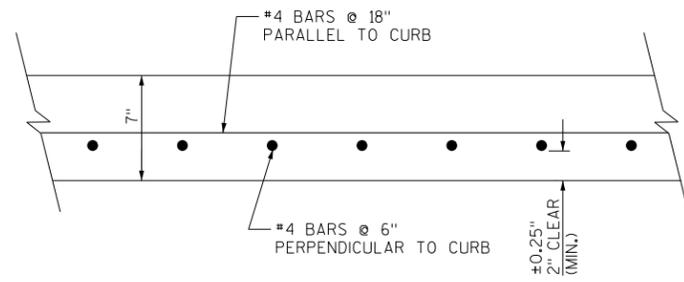
REINFORCEMENT PLAN - LIGHT BASE OPENINGS



ROOT ZONE DETAIL



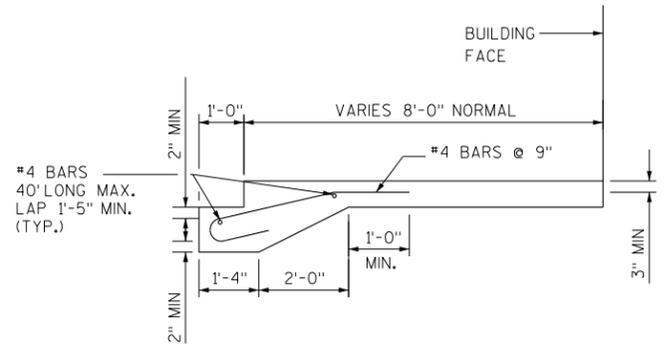
REINFORCEMENT PLAN - TREE OPENINGS



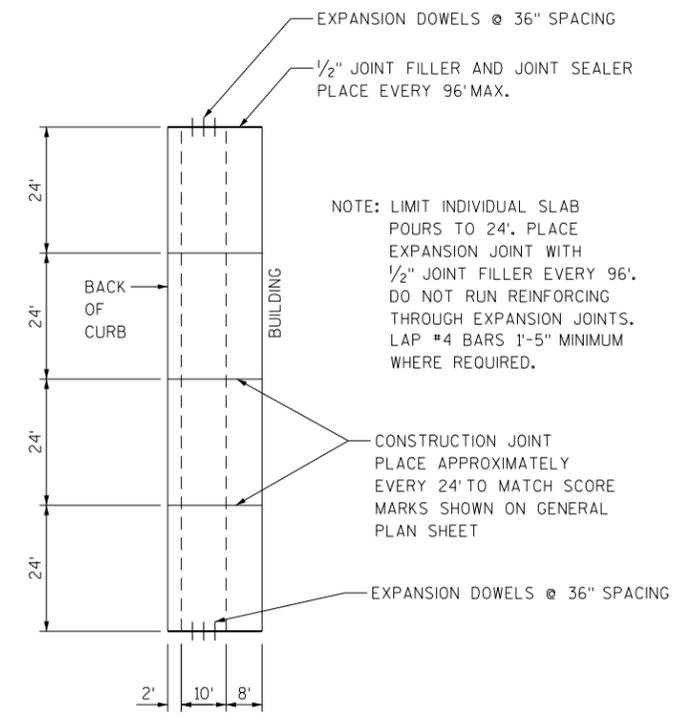
SECTION A - C1 STRUCTURAL SLAB 7-INCH REINFORCEMENT

NOTE: THIS CONFIGURATION MAY BE REPLACED AT THE CONTRACTOR'S DISCRETION BY WELDED WIRE FABRIC MESH HAVING AN EQUIVALENT OR GREATER AREA OF STEEL IN EACH DIRECTION. IN THAT CASE, ADDITIONAL BARS MUST BE ADDED AT SLAB OPENINGS AS SHOWN IN REINFORCEMENT PLAN DETAILS

- POSSIBLE EQUIVALENT MESH CONFIGURATIONS INCLUDE:
- WWF 6x12 W18xW14;
 - WWF 6x6 W18xW6;
 - WWF 6x18 W18xW18;
 - WWF 9x18 W26xW18



C1 CONCRETE SIDEWALK 7-INCH REINFORCED REINFORCEMENT



JOINT PLAN

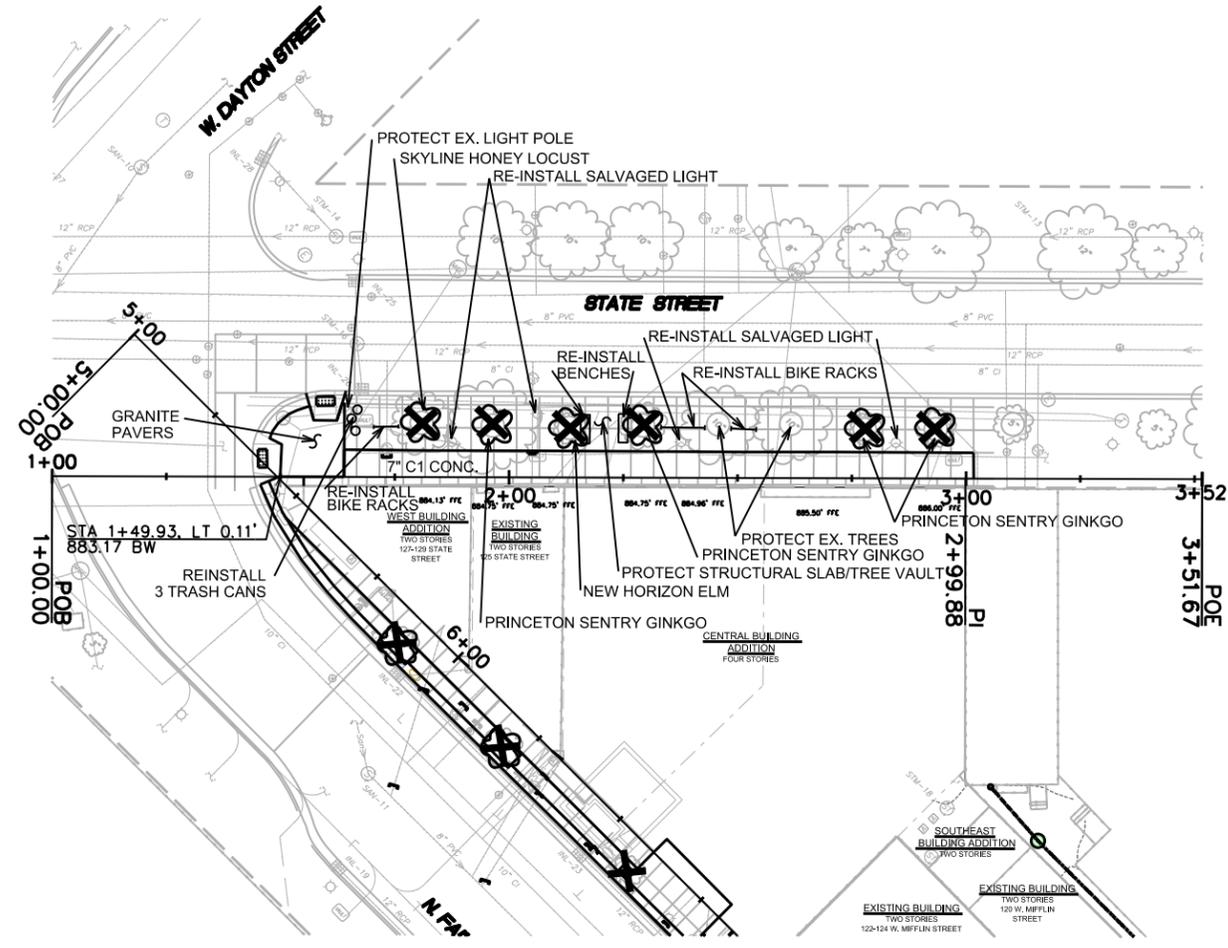
NOTE: LIMIT INDIVIDUAL SLAB POURS TO 24'. PLACE EXPANSION JOINT WITH 1/2" JOINT FILLER EVERY 96'. DO NOT RUN REINFORCING THROUGH EXPANSION JOINTS. LAP #4 BARS 1'-5" MINIMUM WHERE REQUIRED.

CONSTRUCTION JOINT PLACE APPROXIMATELY EVERY 24' TO MATCH SCORE MARKS SHOWN ON GENERAL PLAN SHEET

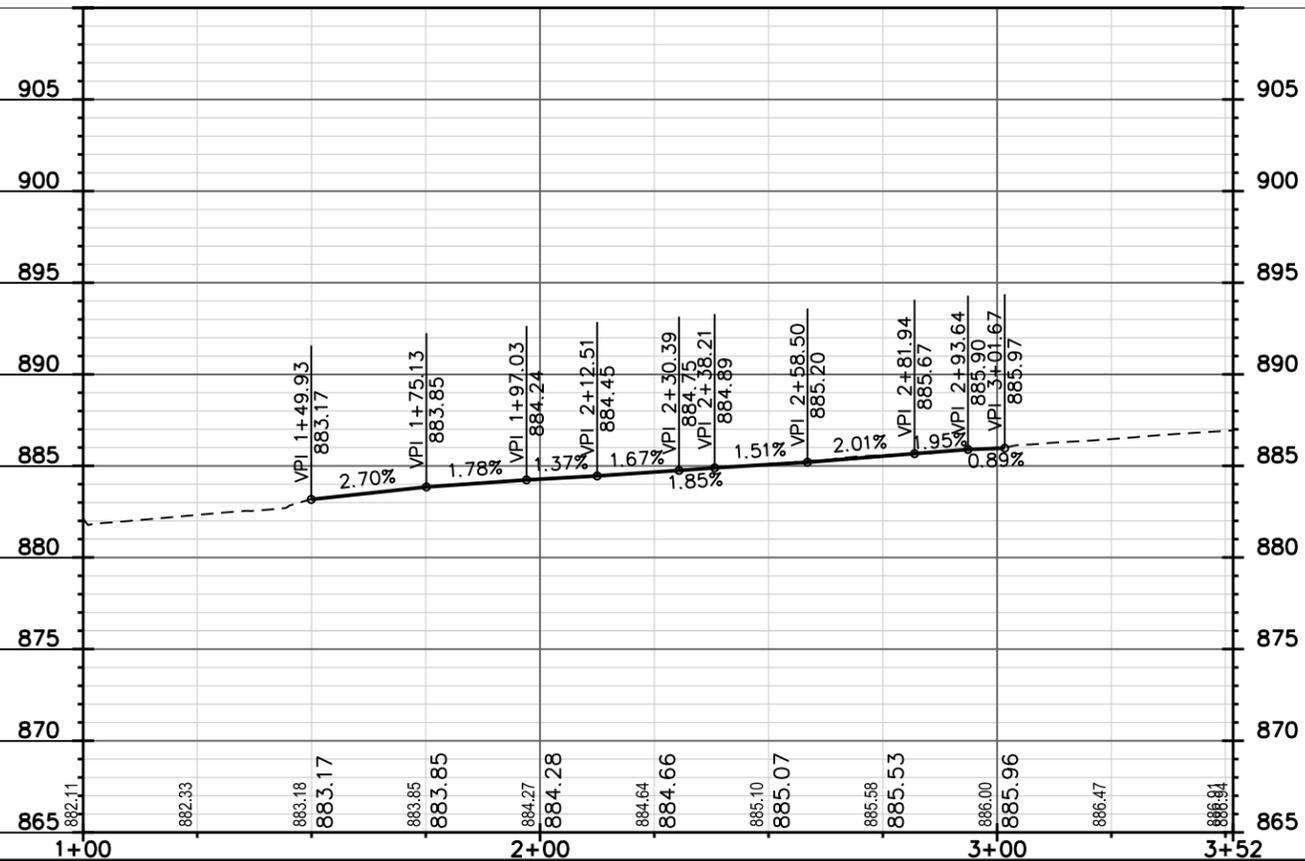
PLOT SCALE: _____
PLOT NAME: _____
REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLAN AND PROFILE
STATE STREET SIDEWALK CITY OF MADISON



- NOTES:
- 1) CONTRACTOR SHALL REPLACE 6 TREES WITHIN THE TERRACE OF STATE STREET. REPLACEMENT SPECIES SHALL BE A SKYLINE HONEY LOCUST, 4 PRINCETON CENTURY GINKGOS, AND A NEW HORIZON ELM. CONTRACTOR SHALL CONTACT DEAN KAHL WITH CITY FORESTRY (266-4891 OR 266-4816) AT LEAST ONE WEEK PRIOR TO PLANTING TO ALLOW FORESTRY TO MARK THE PLANTING SITES AND REVIEW PLANTING SPECIFICATIONS WITH THE LANDSCAPING CONTRACTOR.
 - 2) EXISTING GRANITE PAVERS PLANNED FOR RE-USE SHALL BE INSPECTED AFTER SALVAGE BY CITY STAFF TO ENSURE THAT DAMAGE HAS NOT OCCURRED. NEW PAVERS SHALL BE FURNISHED AND INSTALLED BY DEVELOPER IN ACCORDANCE WITH SPECIFICATION PROVIDED BY CITY ENGINEERING.



PLOT SCALE: _____

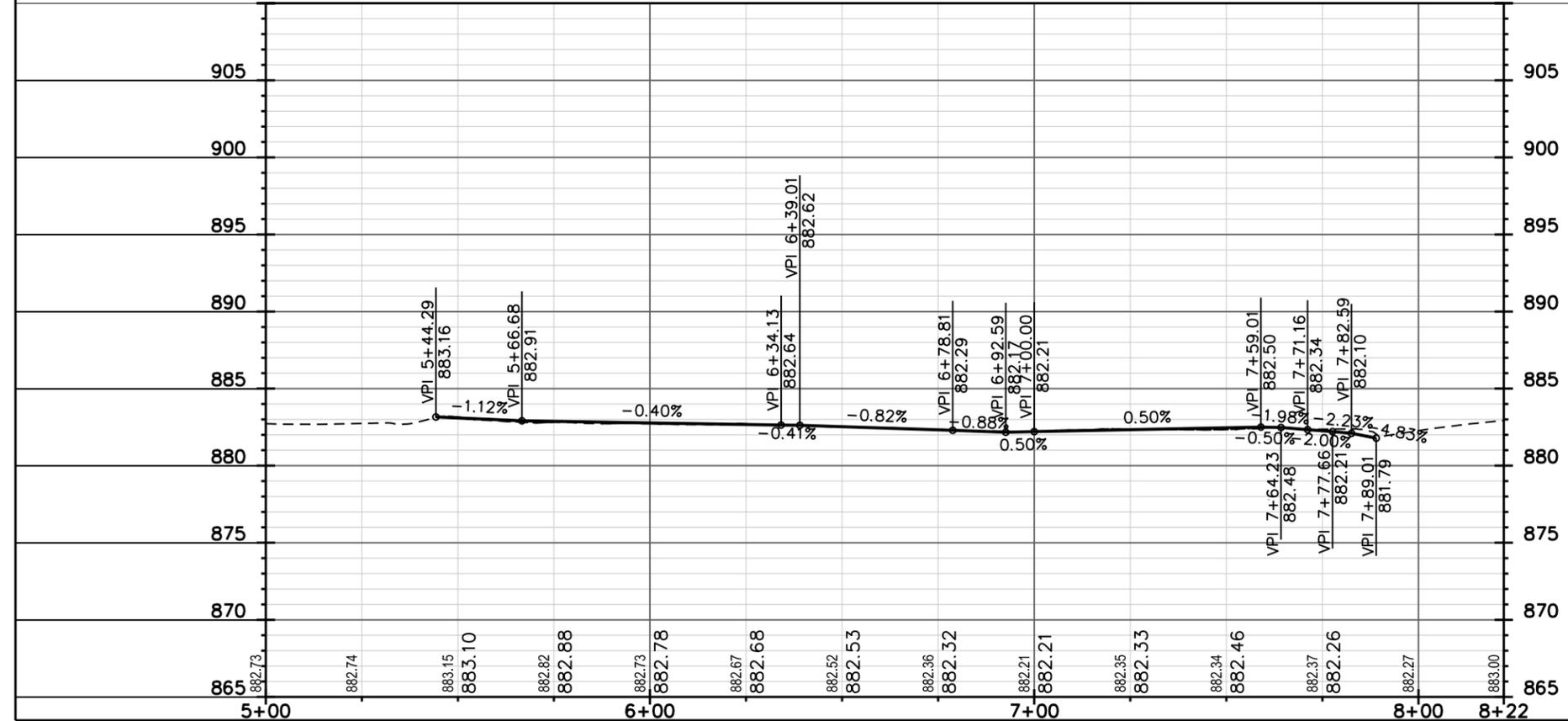
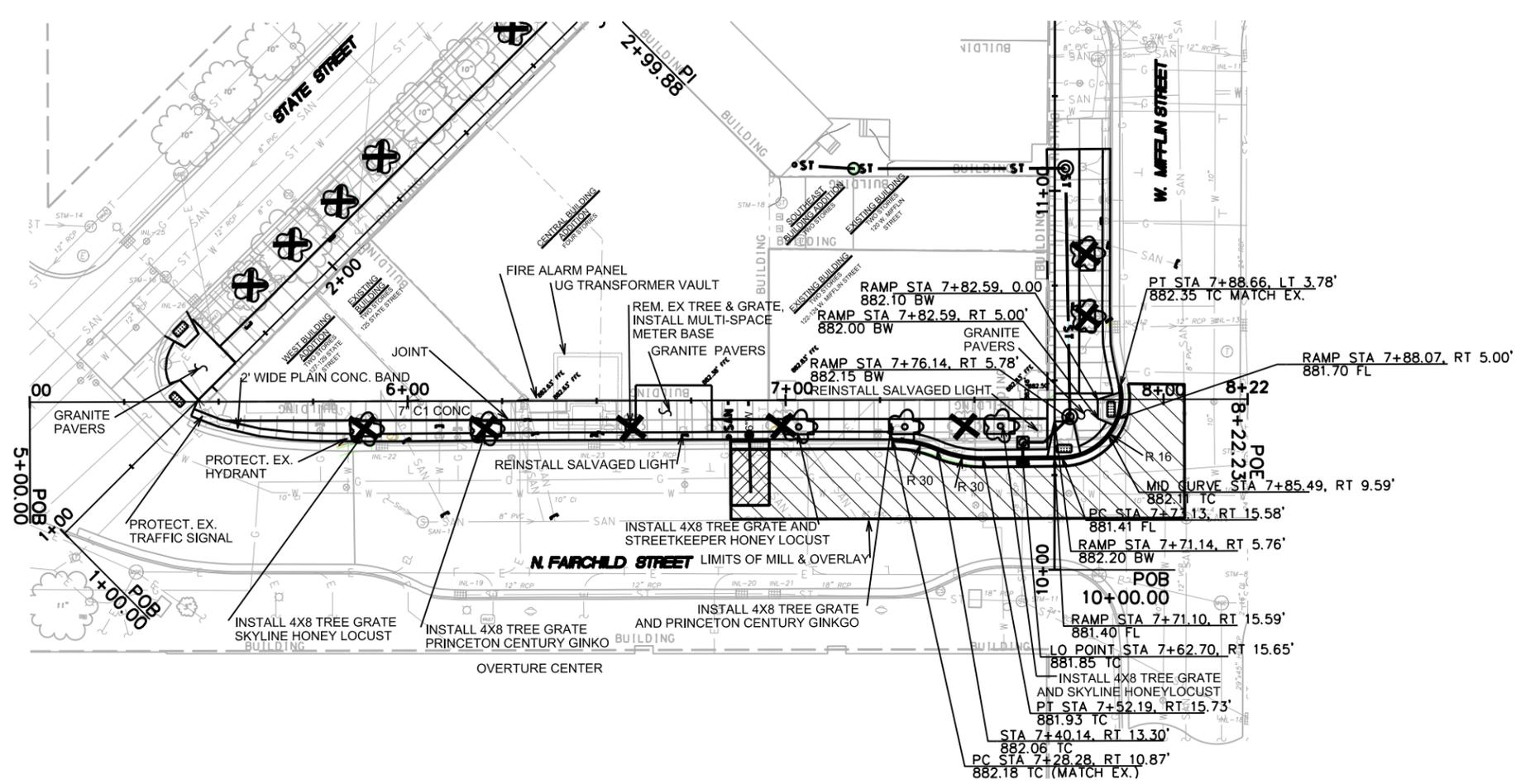
PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLAN AND PROFILE
FAIRCHILD STREET SIDEWALK CITY OF MADISON

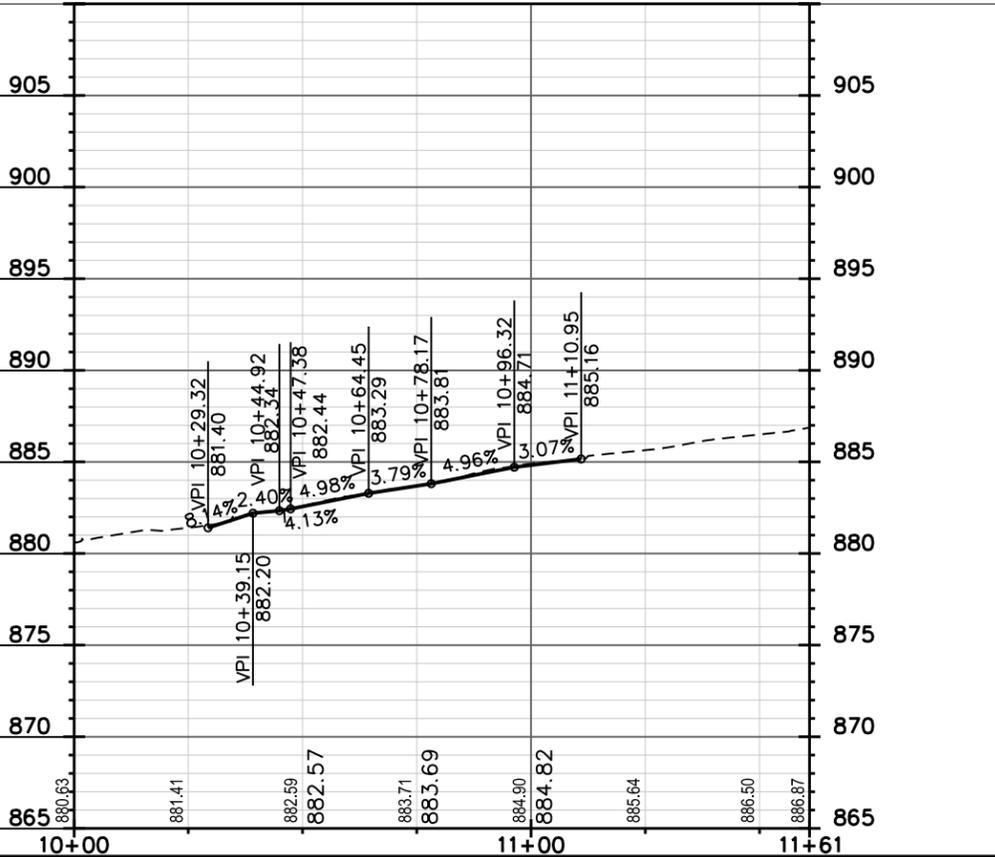
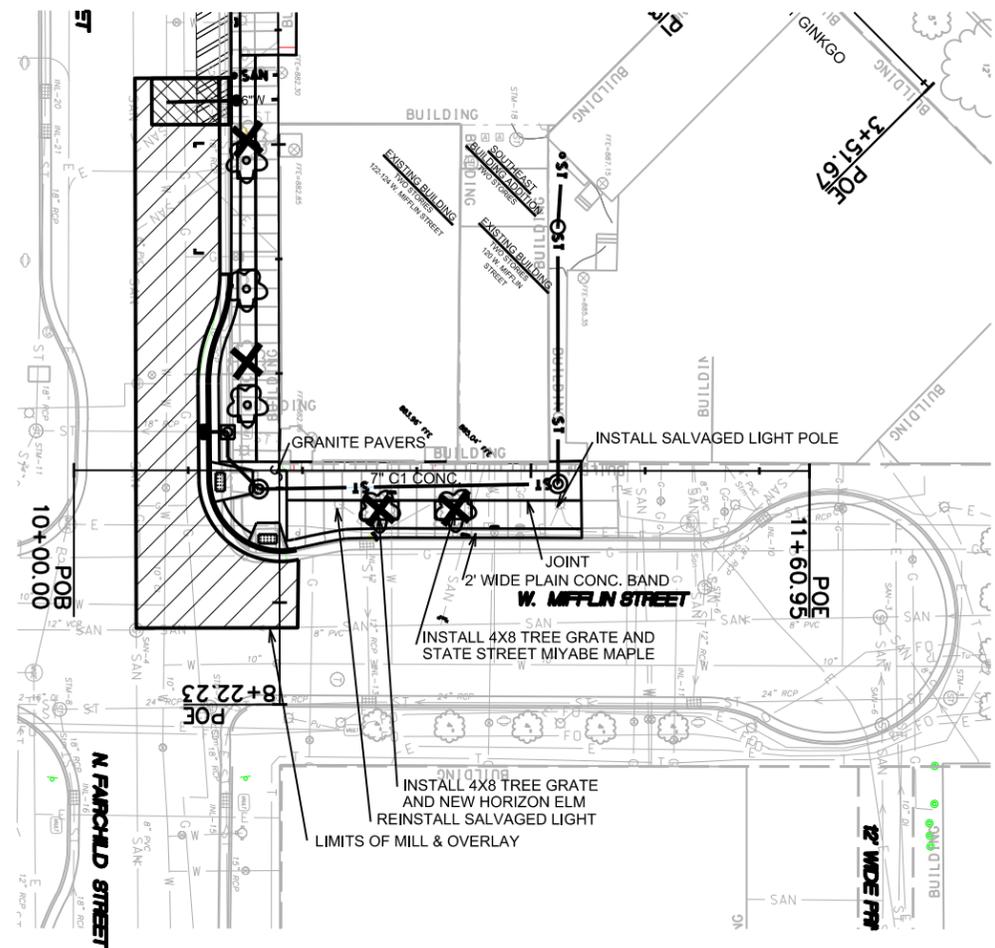
- NOTES:
- 1) CONTRACTOR SHALL REPLACE 5 TREES WITHIN THE TERRACE OF FAIRCHILD STREET. REPLACEMENT SPECIES SHALL BE 2 SKYLINE HONEY LOCUST, 2 PRINCETON CENTURY GINKGOS, AND A STREEKEEPER HONEY LOCUST. CONTRACTOR SHALL CONTACT DEAN KAHL WITH CITY FORESTRY (266-4891 OR 266-4816) AT LEAST ONE WEEK PRIOR TO PLANTING TO ALLOW FORESTRY TO MARK THE PLANTING SITES AND REVIEW PLANTING SPECIFICATIONS WITH THE LANDSCAPING CONTRACTOR.
 - 2) CONTACT DAN VALENZA (266-4767) AT CITY PARKING UTILITY, AT LEAST 2 BUSINESS DAYS IN ADVANCE, TO REMOVE PARKING METER HEADS ALONG FAIRCHILD STREET. CONTRACTOR SHALL REMOVE EX. METER BASES.
 - 3) CONTRACTOR SHALL INSTALL MULTI-SPACE PARKING METER BASE AT THE LOCATION SHOWN. CONTACT DAN VALENZA (266-4767) AT CITY PARKING UTILITY AT LEAST 48 HOURS IN ADVANCE OF CONCRETE POUR TO COORDINATE INSPECTION. REFER TO ARTICLE 604.7 OF THE STANDARD SPECIFICATIONS, AND REFER TO STANDARD DETAIL DRAWING 6.47 FOR DETAILS OF BASE INSTALLATION.
 - 4) EXISTING GRANITE PAVERS PLANNED FOR RE-USE SHALL BE INSPECTED AFTER SALVAGE BY CITY STAFF TO ENSURE THAT DAMAGE HAS NOT OCCURRED. NEW PAVERS SHALL BE FURNISHED AND INSTALLED BY DEVELOPER IN ACCORDANCE WITH SPECIFICATION PROVIDED BY CITY ENGINEERING.
 - 5) FAIRCHILD STREET TRAFFIC CONTROL NOTE: FAIRCHILD STREET MAY BE REDUCED TO ONE LANE BETWEEN 9:00 AM AND 3:00 PM ONLY. TWO LANES MUST BE OPEN AT ALL OTHER TIMES.



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

PLAN AND PROFILE
MIFFLIN STREET SIDEWALK CITY OF MADISON

- NOTES:
- 1) CONTRACTOR SHALL REPLACE 5 TREES WITHIN THE TERRACE OF MIFFLIN STREET. REPLACEMENT SPECIES SHALL BE A NEW HORIZON ELM AND A STATE STREET MIYABE MAPLE. CONTRACTOR SHALL CONTACT DEAN KAHL WITH CITY FORESTRY (266-4891 OR 266-4816) AT LEAST ONE WEEK PRIOR TO PLANTING TO ALLOW FORESTRY TO MARK THE PLANTING SITES AND REVIEW PLANTING SPECIFICATIONS WITH THE LANDSCAPING CONTRACTOR.
 - 2) CONTACT DAN VALENZA (266-4767) AT CITY PARKING UTILITY AT LEAST 2 BUSINESS DAYS IN ADVANCE, TO REMOVE PARKING METER, AND TO REPLACE METER IN SAME LOCATION.
 - 3) EXISTING GRANITE PAVERS PLANNED FOR RE-USE SHALL BE INSPECTED AFTER SALVAGE BY CITY STAFF TO ENSURE THAT DAMAGE HAS NOT OCCURRED. NEW PAVERS SHALL BE FURNISHED AND INSTALLED BY DEVELOPER IN ACCORDANCE WITH SPECIFICATION PROVIDED BY CITY ENGINEERING.



PLOT SCALE: _____

PLOT NAME: _____

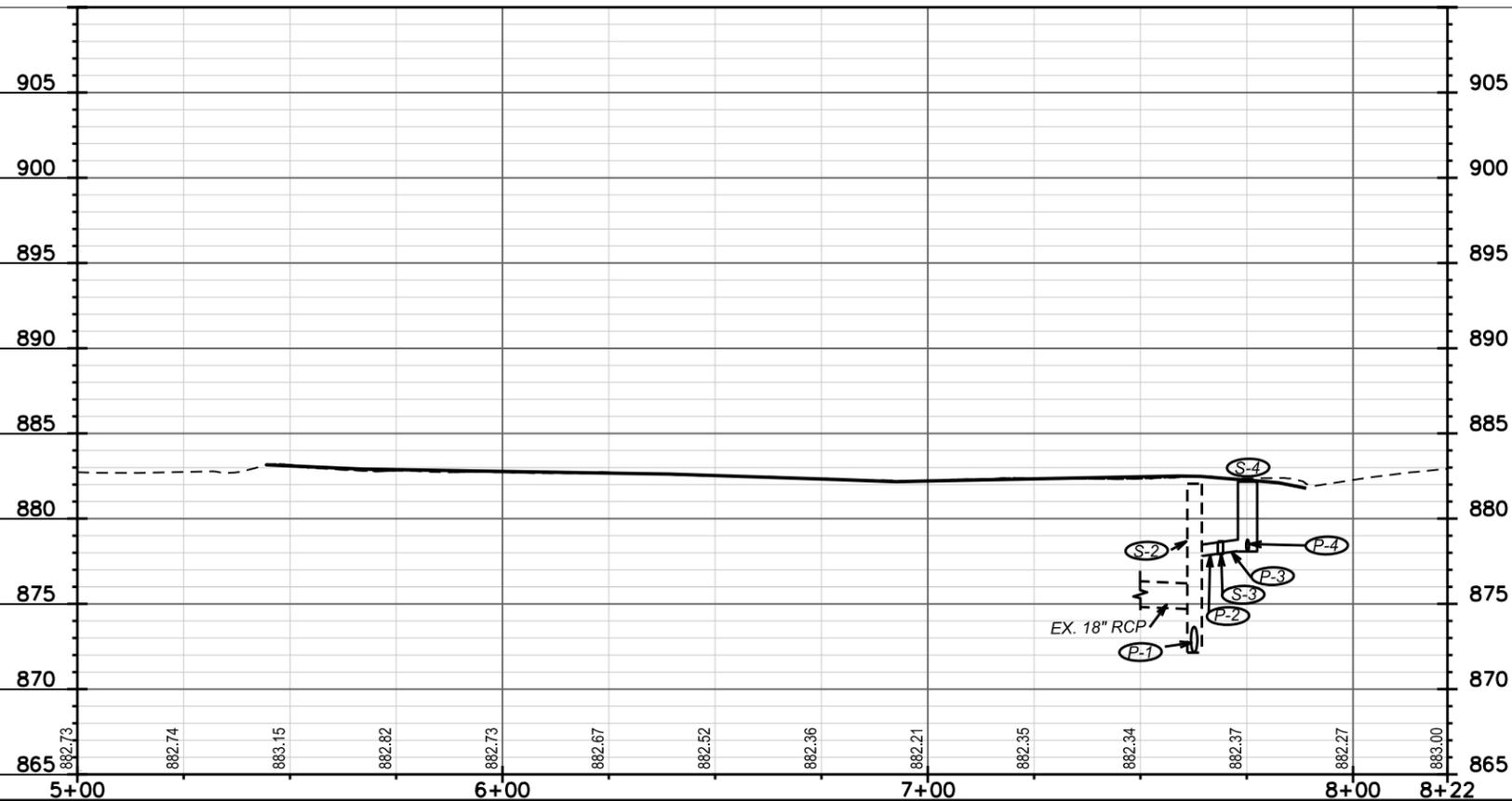
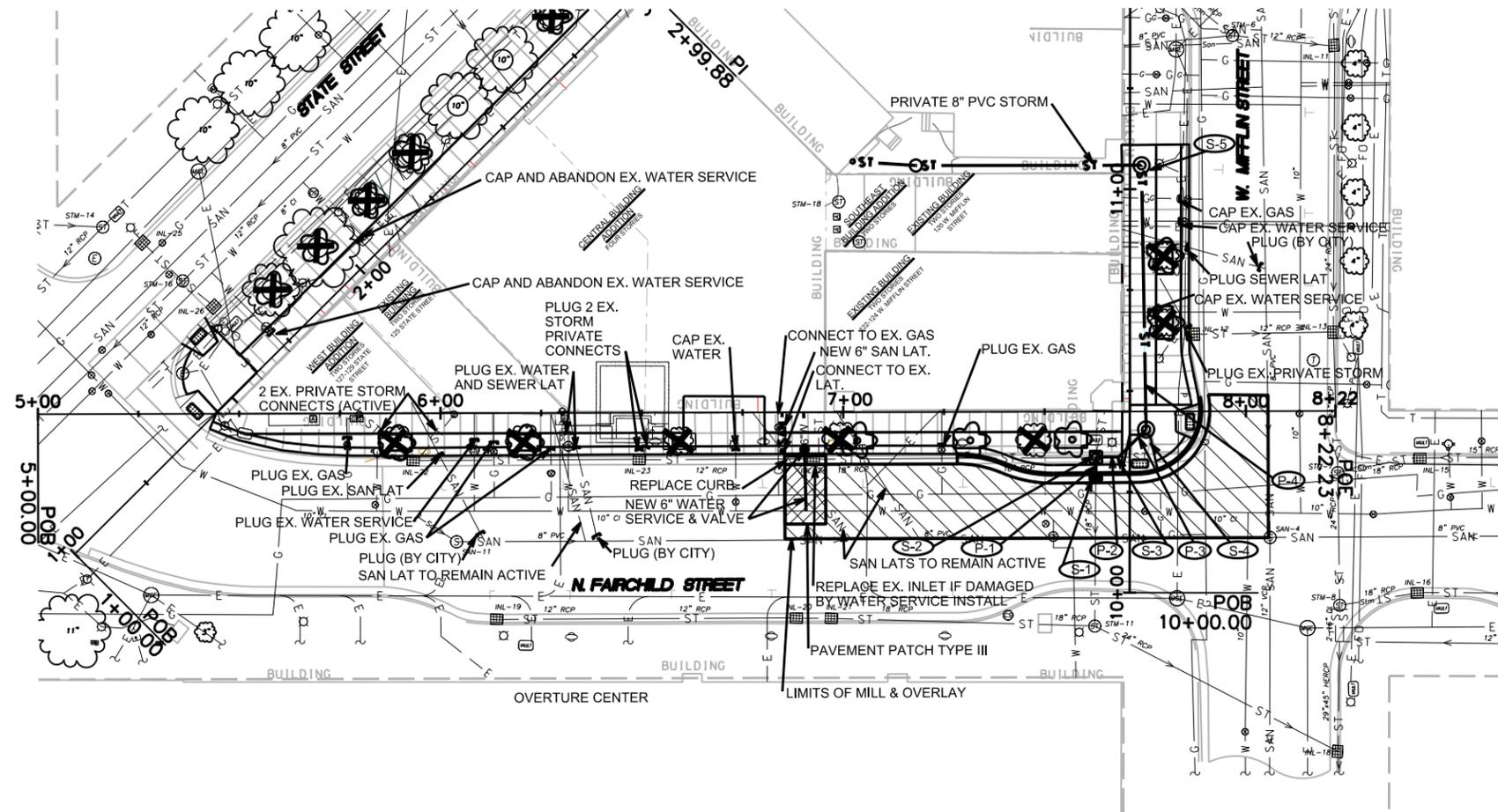
REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLAN AND PROFILE

UTILITIES ALL STREETS CITY OF MADISON

NOTE: SEWER PLUGS SHALL BE COMPLETED IN CONFORMANCE WITH CITY SPECIFICATIONS WITH SEWER PLUG PERMIT. BECAUSE LATERAL PLUGS WILL BE PERMANENT, LATERALS TO BE PLUGGED WILL REQUIRE ABANDONMENT AT MAIN BY CITY AT DEVELOPER'S EXPENSE.



PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

STORM SEWER SCHEDULE

ALIGNMENT CODES:

'FS' =FAIRCHILD STREET
'MS' =MIFFLIN STREET

100 BLOCK STATE STREET
PROJECT NO 53B2305

SHEET NO.
U-2

STORM SEWER SCHEDULE CITY OF MADISON

STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
S-1	7'FS'+62.69	RT-16.15	H INLET	881.85	872.16+/-	9.69	W/ R-3067-7004, MATCH INVERT EX. 18" RCP
S-2	7'FS'+62.76	RT-11.26	EX. 3X3 SAS - (IN 5050-096)	882.05	872.18	9.87	(1), (2), (3), (4)
S-3	7'FS'+71.79	RT-7.88	45 DEGREE ELBOW	---	877.91	---	PRIVATE - MARK LOCATION W/ MARKER BALL
S-4	7'FS'+75.21	RT-4.49	4' DIA SAS	882.17	878.10	4.07	PRIVATE - W/ R-1550 LOGO LID 1550-0054
S-5	11'MS'+05.94	RT-2.86	4' DIA SAS	884.95	879.84	5.11	PRIVATE - W/ R-1550 LOGO LID 1550-0054, (5)

PIPES

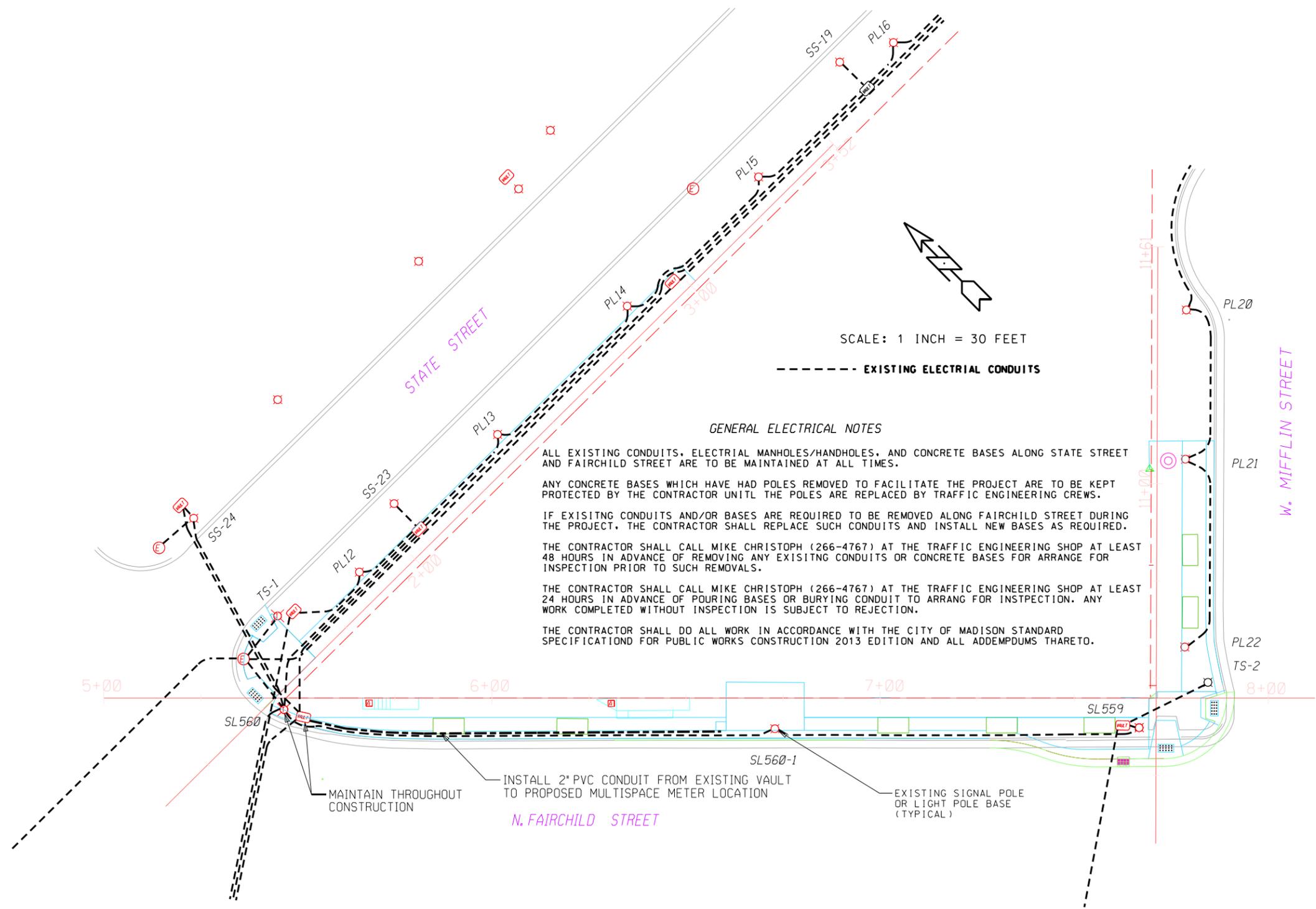
PIPE NO.	FROM (DNSTM)	TO (UPSTM)	LGTH (FT)	DISCH. E.I.	INLET E.I.	SLOPE (%)	PIPE SIZE	TYPE	NOTES
P-1	S-1	S-2	5	872.16	872.18	0.40%	18"	RCP	
P-2	S-2	S-3	5	877.81	877.91	2.00%	8"	PVC	PRIVATE
P-3	S-4	S-4	10	877.91	878.10	1.90%	8"	PVC	PRIVATE
P-4	S-4	S-5	66	878.10	879.84	2.64%	8"	PVC	PRIVATE

SPECIFIC NOTES:

- (1) REPLACE EX. R-3067-7004 CASTING W/ R-1550 LOGO LID 1550-0054. IF DIMENSIONS OF EX STRUCTURE, OR REQ' ADJUSTMENT WILL NOT ACCOMMODATE NEW CASTING, REPLACE EX. STRUCTURE W/ 3'X3' SAS. NEW HEIGHT OF ADJUSTMENT SHALL NOT EXCEED 9".
- (2) CONNECT TO EX 6" PVC UNDERDRAIN TO SE - APPROX E.I.= 878.16, CONNECT TO EX. 18" RCP TO NW - APPROX. E.I. = 874.78, CONNECT TO NEW PRIVATE 8" PVC TO SE - EI = 877.81
- (4) PLUG EX. 6" PRIVATE CONNECT TO NE (VERIFY ROUTING).
- (5) CONNECT TO PRIVATE 8" PVC TO THE NW

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 GRADE GIVEN IS THE TOP OF CURB FOR INLET STRUCTURES AND THE FLOWLINE OF THE CLOSED CASTING FOR SAS's.
- TOP OF CONCRETE ROOF (TR) IS 1.25' BELOW TOP OF CASTING UNLESS OTHERWISE NOTED.
- ALL REINFORCED CONCRETE PIPES TO BE CLASS III UNLESS OTHERWISE NOTED.
- SURVEYOR TO CONFIRM THAT ALL INLET STATION / OFFSETS LINE UP WITH PROPOSED CURB AND GUTTER.
- ALL STRUCTURES CALLED OUT AS FIELD POURED SHALL BE FIELD POURED. ALL OTHER STRUCTURES (NOT INDICATED AS FIELD POURED) SHALL BE SUBMITTED TO CITY ENGINEERING FOR APPROVAL IF PRECAST STRUCTURES ARE PREFERRED. CONTACT LISA COLEMAN OF CITY ENGINEERING AT (608) 266-4093 FOR PRECAST APPROVALS, OR FAX SHOP DRAWINGS TO (608)264-9275.



SCALE: 1 INCH = 30 FEET

----- EXISTING ELECTRICAL CONDUITS

GENERAL ELECTRICAL NOTES

- ALL EXISTING CONDUITS, ELECTRICAL MANHOLES/HANDHOLES, AND CONCRETE BASES ALONG STATE STREET AND FAIRCHILD STREET ARE TO BE MAINTAINED AT ALL TIMES.
- ANY CONCRETE BASES WHICH HAVE HAD POLES REMOVED TO FACILITATE THE PROJECT ARE TO BE KEPT PROTECTED BY THE CONTRACTOR UNTIL THE POLES ARE REPLACED BY TRAFFIC ENGINEERING CREWS.
- IF EXISTING CONDUITS AND/OR BASES ARE REQUIRED TO BE REMOVED ALONG FAIRCHILD STREET DURING THE PROJECT, THE CONTRACTOR SHALL REPLACE SUCH CONDUITS AND INSTALL NEW BASES AS REQUIRED.
- THE CONTRACTOR SHALL CALL MIKE CHRISTOPH (266-4767) AT THE TRAFFIC ENGINEERING SHOP AT LEAST 48 HOURS IN ADVANCE OF REMOVING ANY EXISTING CONDUITS OR CONCRETE BASES FOR ARRANGE FOR INSPECTION PRIOR TO SUCH REMOVALS.
- THE CONTRACTOR SHALL CALL MIKE CHRISTOPH (266-4767) AT THE TRAFFIC ENGINEERING SHOP AT LEAST 24 HOURS IN ADVANCE OF POURING BASES OR BURYING CONDUIT TO ARRANG FOR INSTPECTION. ANY WORK COMPLETED WITHOUT INSPECTION IS SUBJECT TO REJECTION.
- THE CONTRACTOR SHALL DO ALL WORK IN ACCORDANCE WITH THE CITY OF MADISON STANDARD SPECIFICATIOND FOR PUBLIC WORKS CONSTRUCTION 2013 EDITION AND ALL ADDEMPDUMS THARETO.

MAINTAIN THROUGHOUT CONSTRUCTION

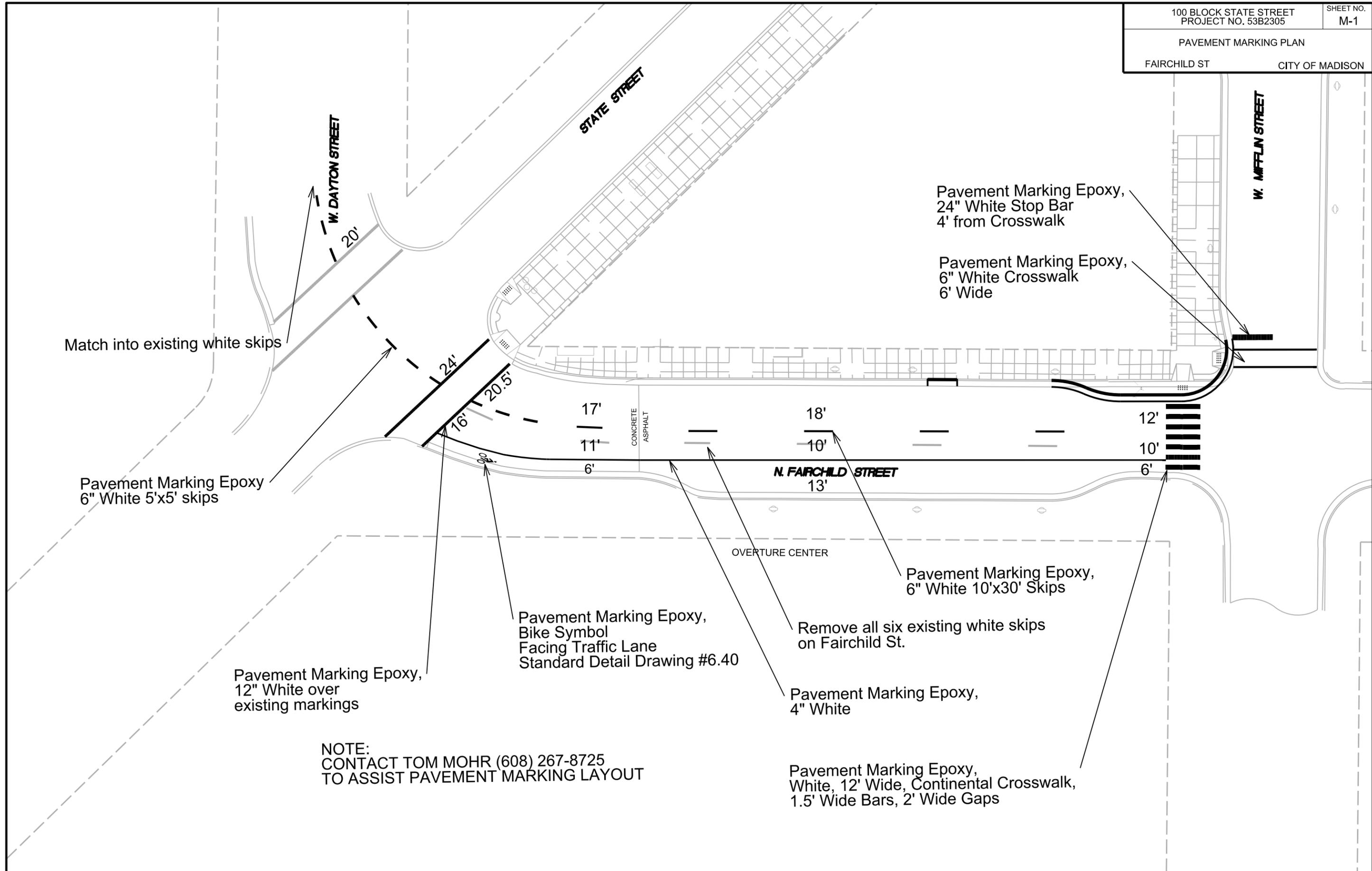
INSTALL 2" PVC CONDUIT FROM EXISTING VAULT TO PROPOSED MULTISPACE METER LOCATION

EXISTING SIGNAL POLE OR LIGHT POLE BASE (TYPICAL)

PLOT SCALE
PLOT NAME
REV. DATE

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

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



NOTE:
CONTACT TOM MOHR (608) 267-8725
TO ASSIST PAVEMENT MARKING LAYOUT