



Madison, Wisconsin

CITY OF MADISON

CITY ENGINEERING DIVISION

DEPARTMENT OF PUBLIC WORKS

PLAN OF PROPOSED IMPROVEMENT

PUBLIC IMPROVEMENT PROJECT APPROVED

JUNE 18, 2013

BY THE COMMON COUNCIL OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN APPROVED BY:

[Signature] 8/21/13
City Engineer Date

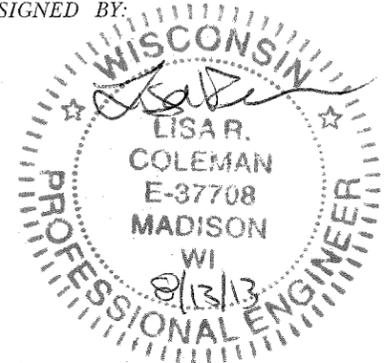
INDEX OF SHEETS

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DI-D2	JOHNSON STREET SIDEWALK PLAN AND PROFILE
P1	DAYTON STREET SIDEWALK PLAN AND PROFILE
P2	UTILITY PLAN
U1	
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309 WEST JOHNSON STREET AND
316 WEST DAYTON STREET PUD

CITY PROJECT NO. 53B2324
CONTRACT NO. 2324

SIDEWALK DESIGNED BY:



ELECTRICAL DESIGNED BY:

To BE ISSUED SEPARATELY

SANITARY SEWER DESIGNED BY:

LATERALS ONLY

STORM SEWER DESIGNED BY:

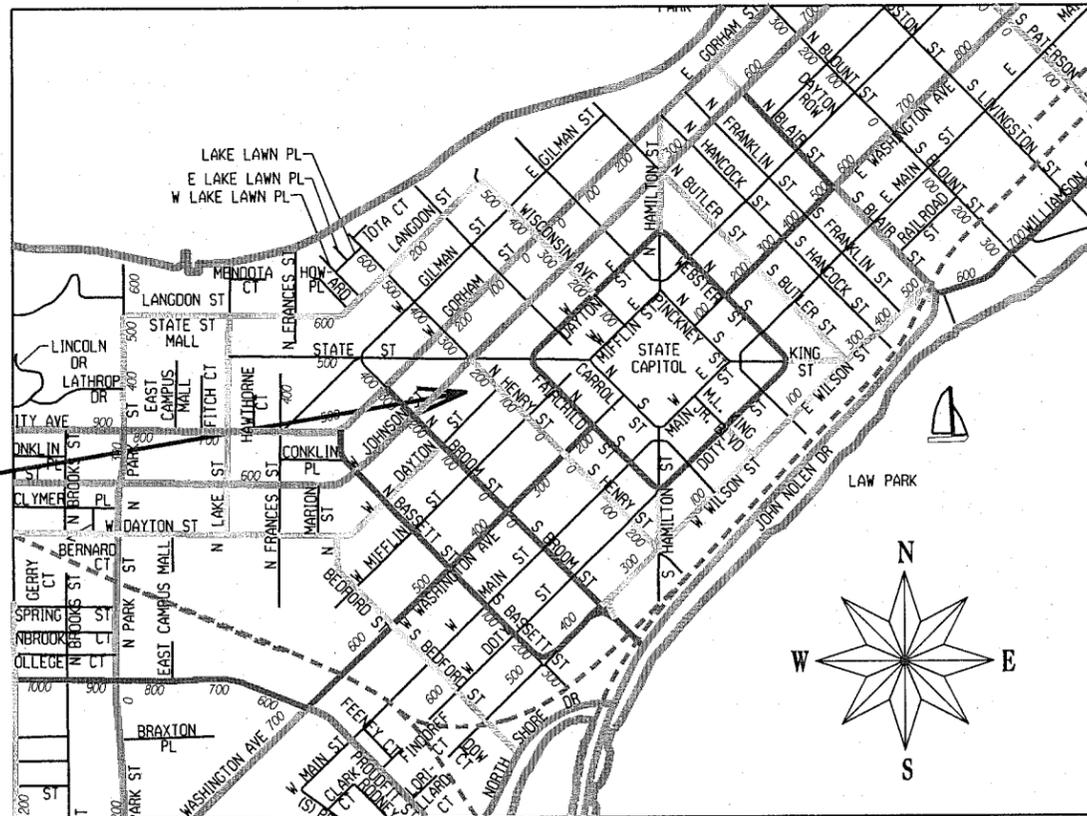
LATERALS ONLY

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%.

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

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 TREES TO BE REMOVED, 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 DAYTON ST. RIGHT OF WAY SHALL BE TYPE C PAVEMENT. PAVEMENT IN JOHNSON ST ROW IS 10" CONCRETE PAVEMENT.

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: _____

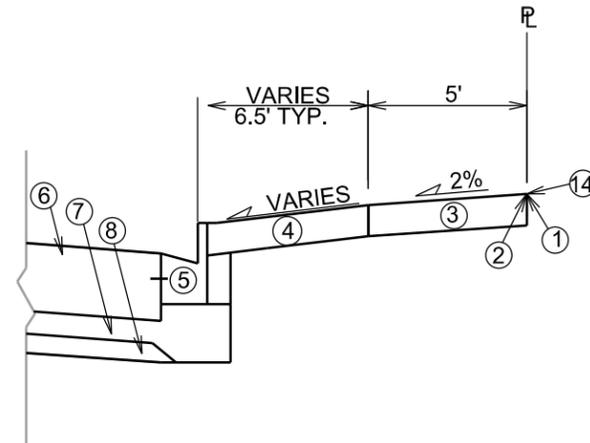
PLOT NAME: _____

REV. DATE: _____

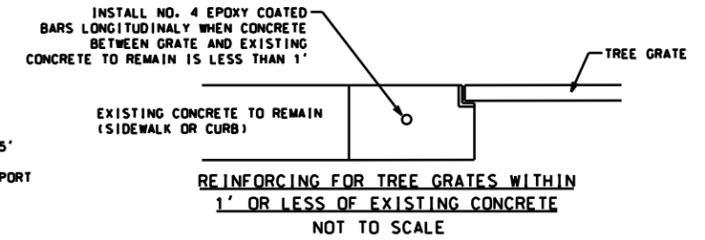
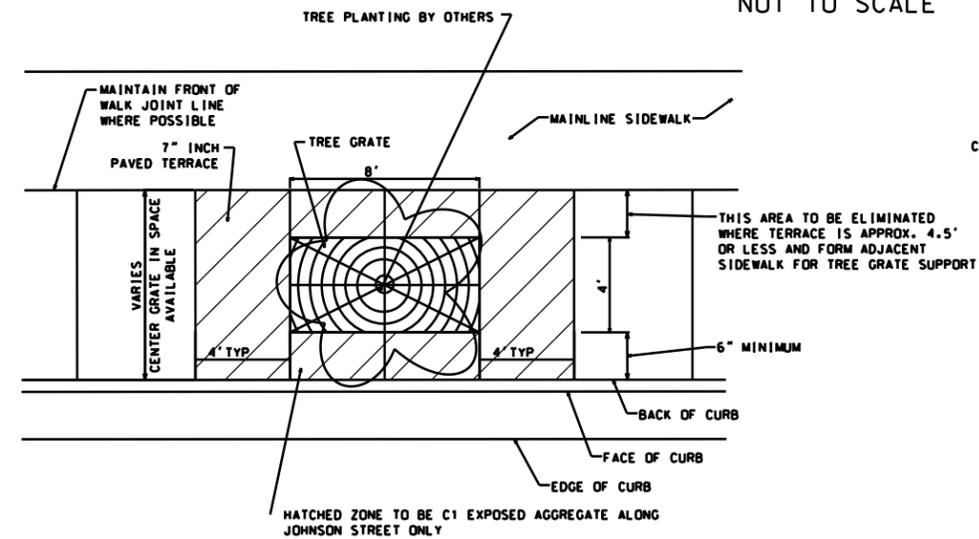
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

- ① REFERENCE LINE AND/OR POINT REFERRED TO ON PROFILE
- ② PLACE JOINT FILLER AND JOINT SEALER
- ③ 7" CONCRETE SIDEWALK (3" CRUSHED AGGREGATE BASE)
- ④ 7" CONCRETE TERRACE (JOHNSON STREET ONLY - 7" C1 EXPOSED AGGREGATE ADJACENT TO TREE GRATES ONLY)
- ⑤ TYPE A CONCRETE CURB AND GUTTER - TIED TO CONCRETE PAVEMENT PER S.D.D. 3.10
- ⑥ 10" CONCRETE PAVEMENT, DOWELED
- ⑦ GRADATION 2 CRUSHED AGG BASE COURSE, 4" TYP.
- ⑧ GRADATION 1 CRUSHED AGG BASE COURSE, 6" TYP.
- ⑨ 7" CONCRETE BAND
- ⑩ BLDG FACE OR EDGE PAVERS OR EDGE CONCRETE
- ⑪ TYPE A CONCRETE CURB
- ⑫ 2" UPPER LAYER BIT PVMT, 12.5 mm, TYPE E-3
- ⑬ 3.25" LOWER LAYER BIT PVMT, 19 mm, TYPE E-3
- ⑭ EDGE PAVERS OR EDGE CONC

TYPICAL SECTION
W. JOHNSON STREET
NTS

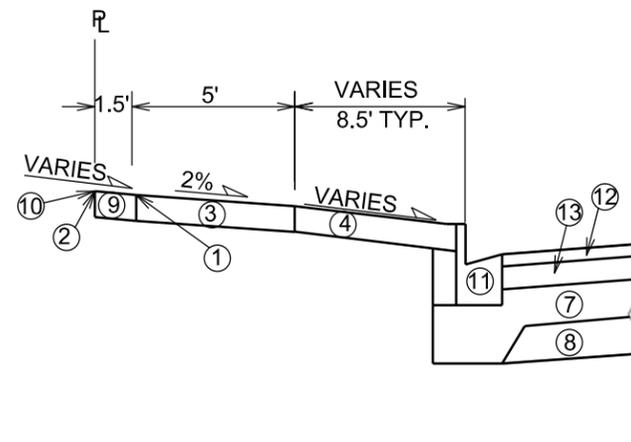


TREE GRATE INSTALLATION DETAIL
NOT TO SCALE



- 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

TYPICAL SECTION
W. DAYTON STREET
NTS



PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

ELECTRICAL PLAN

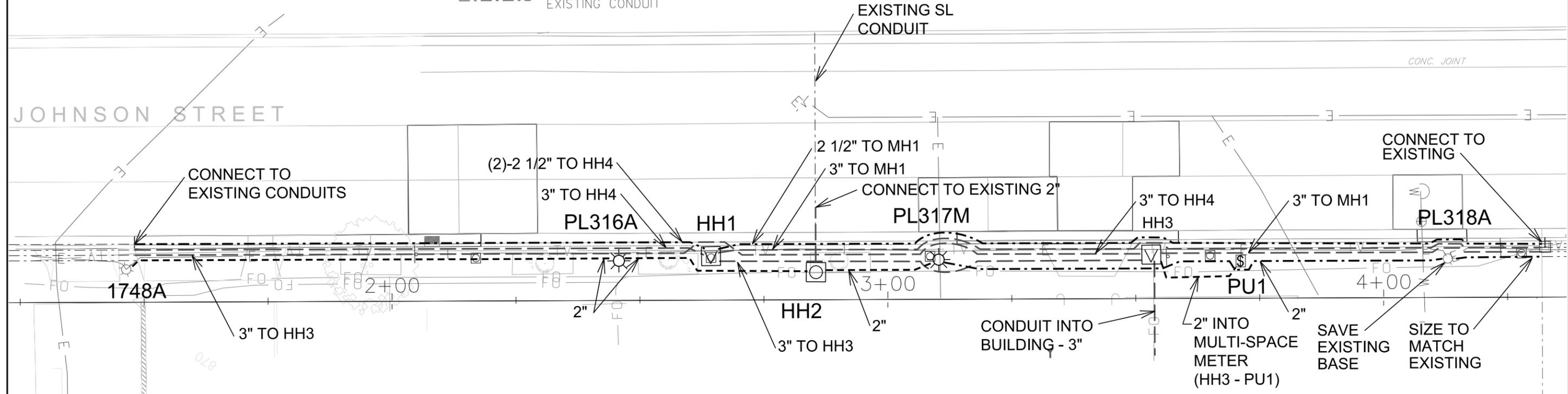
309 W. JOHNSON ST. CITY OF MADISON
 KF 8/5/14
 KF 9/10/14 REV.

LEGEND

-  CONCRETE BASE, LB-9, 5' DEPTH
-  MULTI-SPACE PARKING METER BASE
-  ELECTRICAL HANDHOLE, TYPE I
-  ELECTRICAL HANDHOLE, TYPE V
-  EXISTING STREETLIGHT
-  PROPOSED CONDUIT, SIZE NOTED
-  EXISTING CONDUIT



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



Conduits for 309 W Johnson St						
FROM	TO	# of conduits	3"	2.5"	2"	COMMENT
Communications Conduits						
MH1	HH3	1	x			
MH1	HH1	1	x			
MH1	HH1	1		x		match size of existing duct
HH3	HH1	1	x			
HH3	HH4	1	x			
HH1	HH4	1	x			
HH1	HH4	2		x		match size of existing duct
HH3	Bldg	1	x			
HH3	PU1	1			x	
Lighting Conduits						
MH1	PL318A	1			x	match size of existing duct
PL318A	PL317M	1			x	
PL317M	HH2	1			x	
HH2	road	1			x	match size of existing duct
HH2	PL316A	1			x	
PL316A	1748A	1			x	match size of existing duct

GENERAL ELECTRIC NOTES:

1. ALL LOCATIONS ARE APPROXIMATE. THE TRAFFIC ENGINEER SHALL APPROVE FINAL LOCATIONS, INCLUDING SETBACK, IN THE FIELD AFTER CONTRACTOR SURVEYS STAKING. THE CONTRACTOR SHALL NOTIFY DAN DETTMANN (266-6536) CITY TRAFFIC ENGINEERING, AT LEAST 24-HOURS IN ADVANCE OF NEEDING CONDUIT OR BASE LOCATIONS MARKED.
2. BASES INSTALLED IN TERRACE SHALL BE 4' FROM FACE OF CURB UNLESS OTHERWISE NOTED. SUBJECT TO NOTE 1 ABOVE.
3. THE CONTRACTOR SHALL DO ALL WORK IN ACCORDANCE WITH "CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 2014 EDITION" AND ALL ADDENDUMS THERETO. ALL CONDUIT SHALL BE PVC, SCHEDULE 80 UNDER PAVEMENT OR SCHEDULE 40 OTHERWISE. PULL WIRE REQUIRED AS PER STANDARD SPECIFICATIONS.
4. THE CONTRACTOR SHALL CALL MIKE CHRISTOPH (266-9031) AT THE TRAFFIC ENGINEERING SHOP AT LEAST 24-HOURS IN ADVANCE OF POURING BASES OR BURYING CONDUIT TO ARRANGE FOR INSPECTION. ANY WORK COMPLETED WITHOUT INSPECTION IS SUBJECT TO REJECTION.
5. HH4 (EXISTING) IS AT BROOM ST.
 MH1 (EXISTING) IS AT STATE ST.
6. THE CONTRACTOR SHALL ARRANGE FOR PICK UP OF THE FOLLOWING CITY FURNISHED MATERIALS, WHICH SHOULD BE ARRANGED FOR PICKUP BY CALLING DENNIS ROWE, TRAFFIC ENGINEERING SHOP, 266-9034 1120 SAYLE ST, AT LEAST 24-HOURS PRIOR TO NEEDING MATERIALS:
 - 3/4" x 24" ANCHOR BOLTS - 2 SETS OF 4
 - TYPE I HANDHOLES - 1
 - TYPE V HANDHOLES - 2
 - STEEL BASE FOR MULTI-SPACE PARKING METER - 1

PLAN AND PROFILE

W. JOHNSON STREET CITY OF MADISON
REVISED 9/11/14 LRC
REVISED 1/9/15 LRC

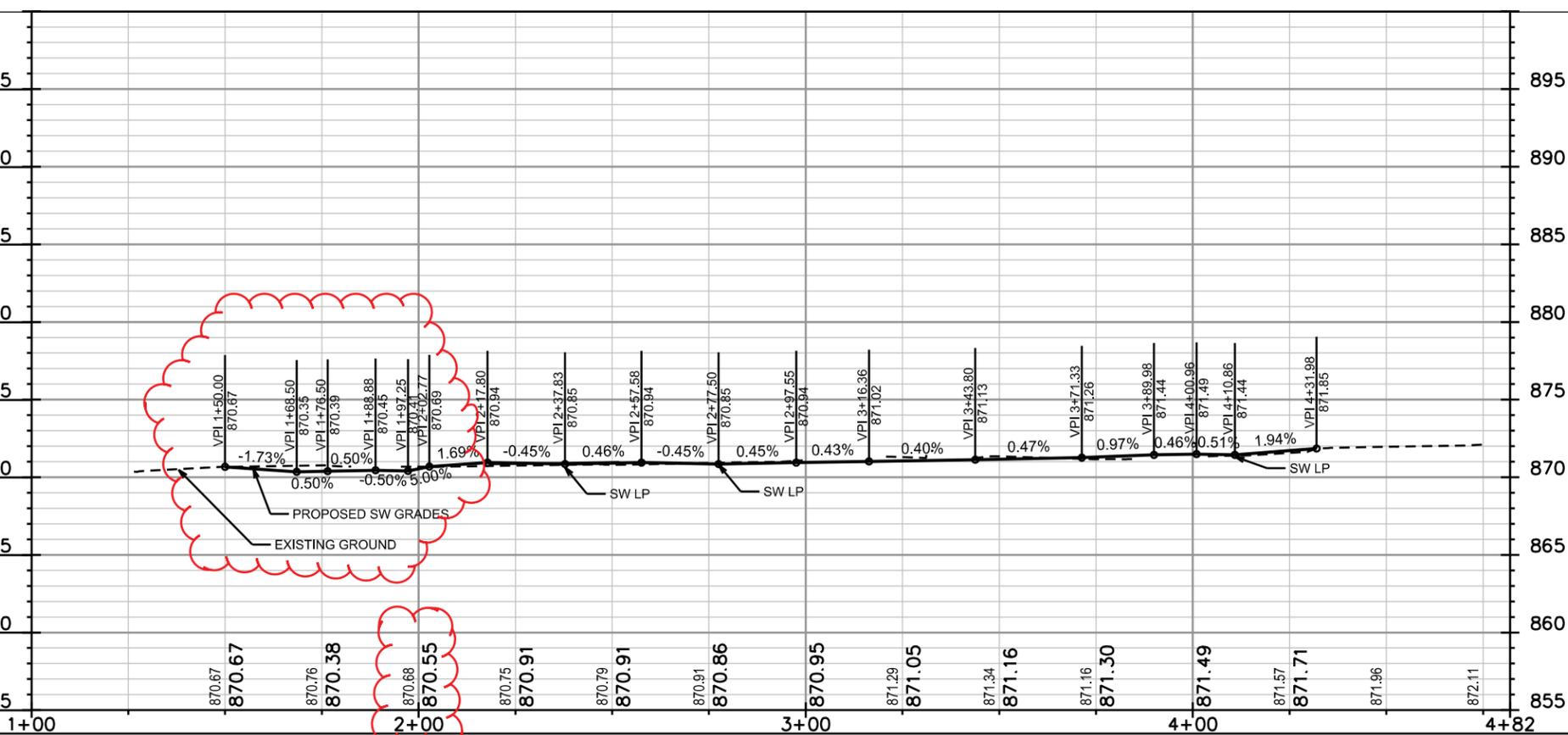
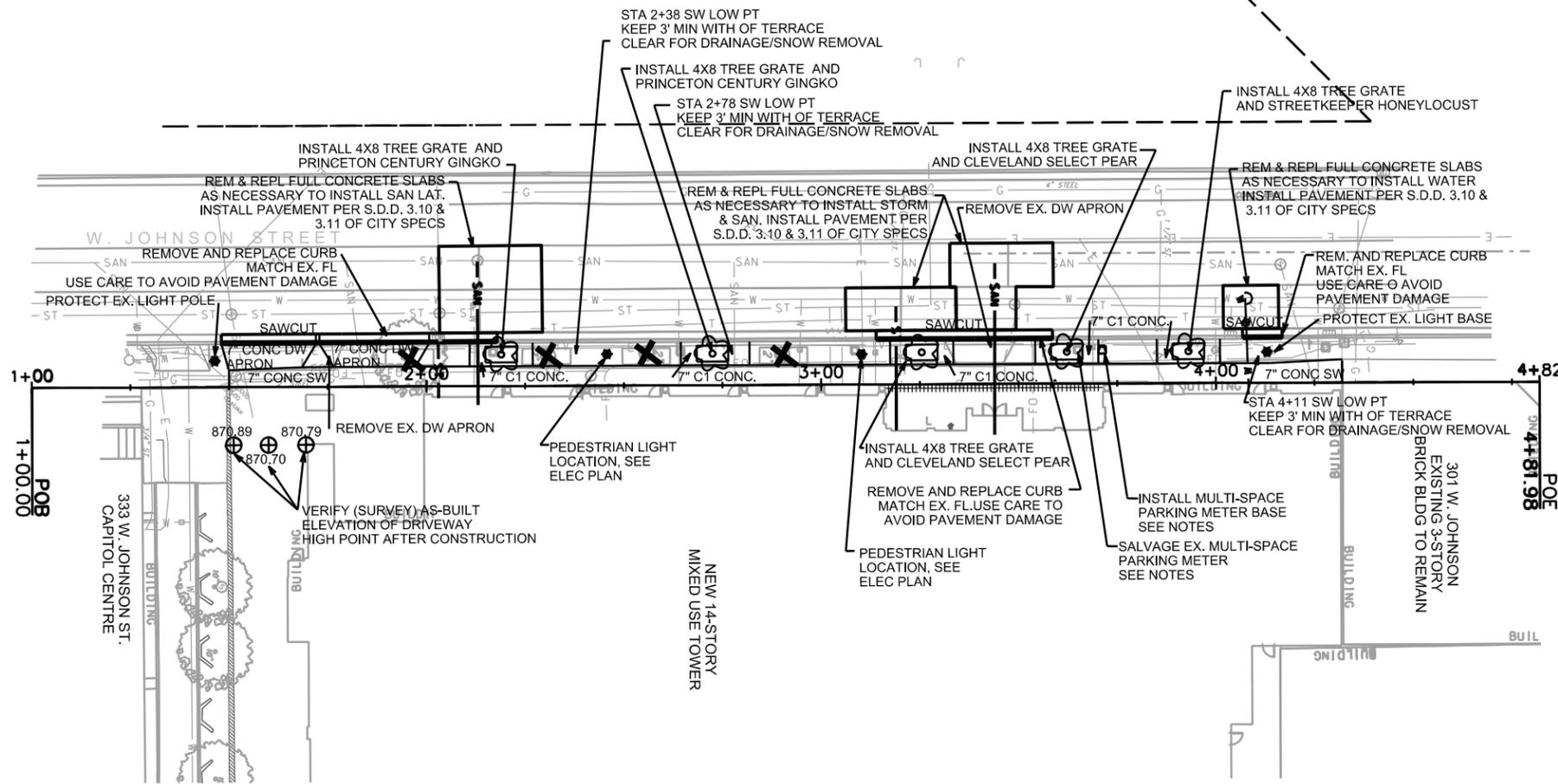
NOTES:
1) TREE AND LIGHT LOCATIONS SHOWN SUBJECT TO CHANGE FOLLOWING DEVELOPMENT OF ELECTRICAL PLANS. ELECTRICAL PLANS TO BE ISSUED AT A LATER DATE.

2) CONTRACTOR SHALL CONTACT DEAN KAHL WITH CITY FORESTRY (266-4891 OR 266-4816) AT LEAST 1 WEEK PRIOR TO PLANTING TO ALLOW FORESTRY TO MARK THE PLANTING SITES AND REVIEW PLANTING SPECIFICATIONS WITH THE LANDSCAPING CONTRACTOR.

2) TRAFFIC CONTROL NOTE: CONTRACTOR SHALL MAINTAIN 2 LANES OF TRAFFIC ON JOHNSON STREET AT ALL TIMES.

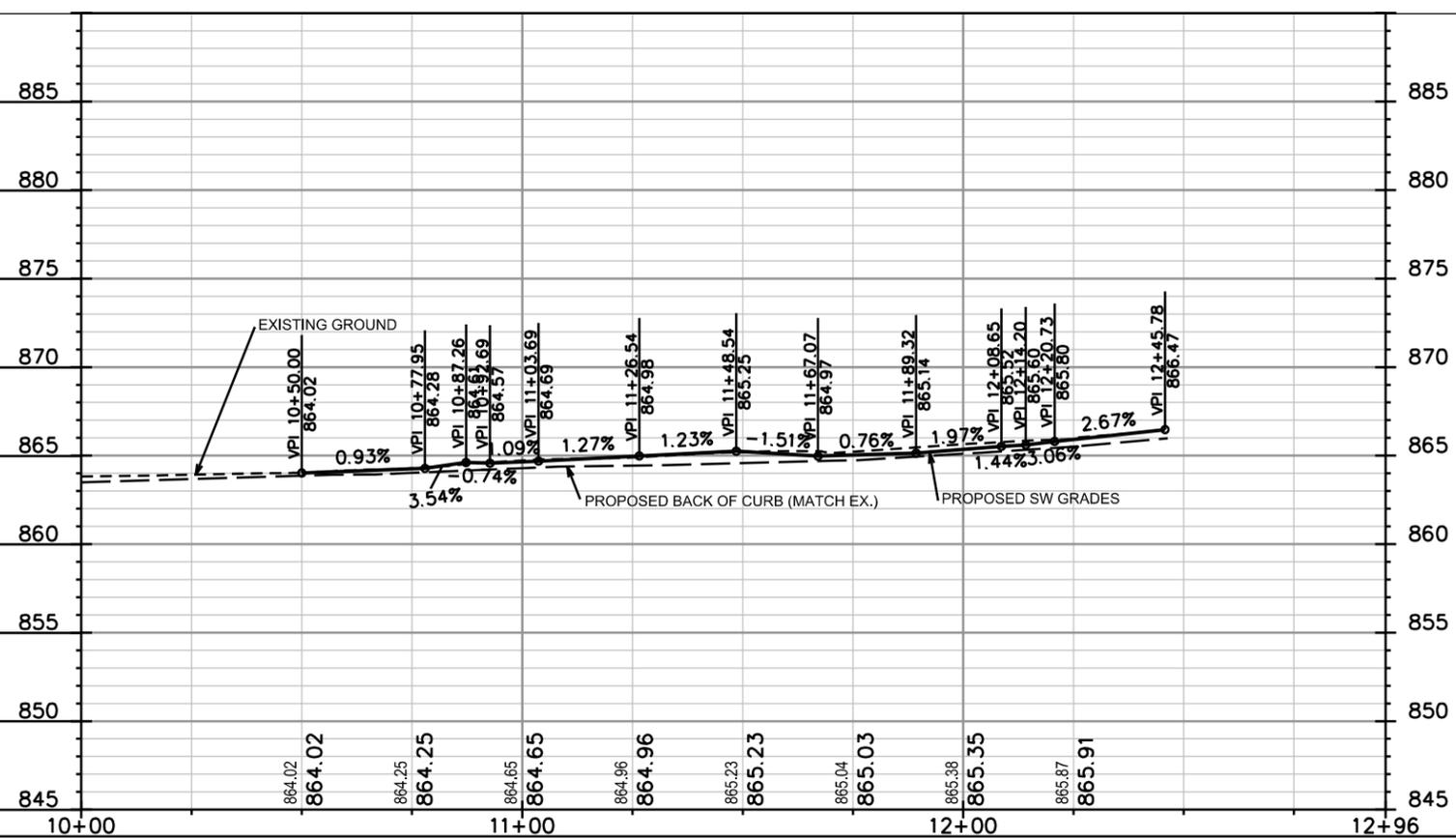
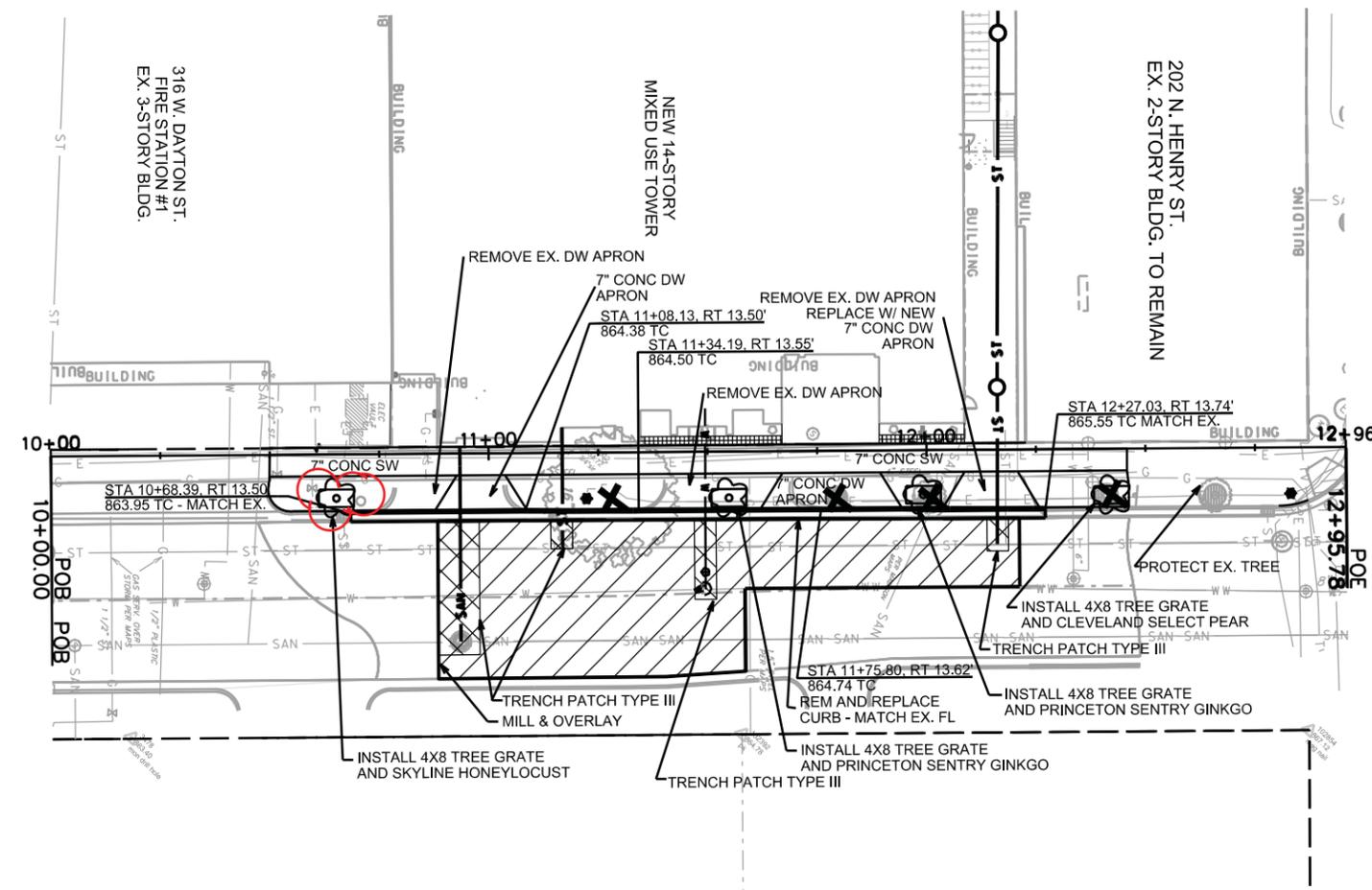
2) CONTACT DAN VALENZA (266-4767) AT CITY PARKING UTILITY, AT LEAST 2 BUSINESS DAYS IN ADVANCE, TO REMOVE PARKING SPACE SIGNS AND MULTI-SPACE PARKING METER ALONG JOHNSON STREET. CONTRACTOR SHALL REMOVE EX. BASES.

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 THE 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.



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

- NOTES:
1) TREE AND LIGHT LOCATIONS SHOWN SUBJECT TO CHANGE FOLLOWING DEVELOPMENT OF ELECTRICAL PLANS. ELECTRICAL PLANS TO BE ISSUED AT A LATER DATE.
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2) TRAFFIC CONTROL NOTE: CONTRACTOR SHALL MAINTAIN 1 LANE OF TRAFFIC ON DAYTON STREET AT ALL TIMES & FIRE STATION DRIVEWAY AND ACCESS SHALL BE KEPT CLEAR AT ALL TIMES.



PLOT SCALE:

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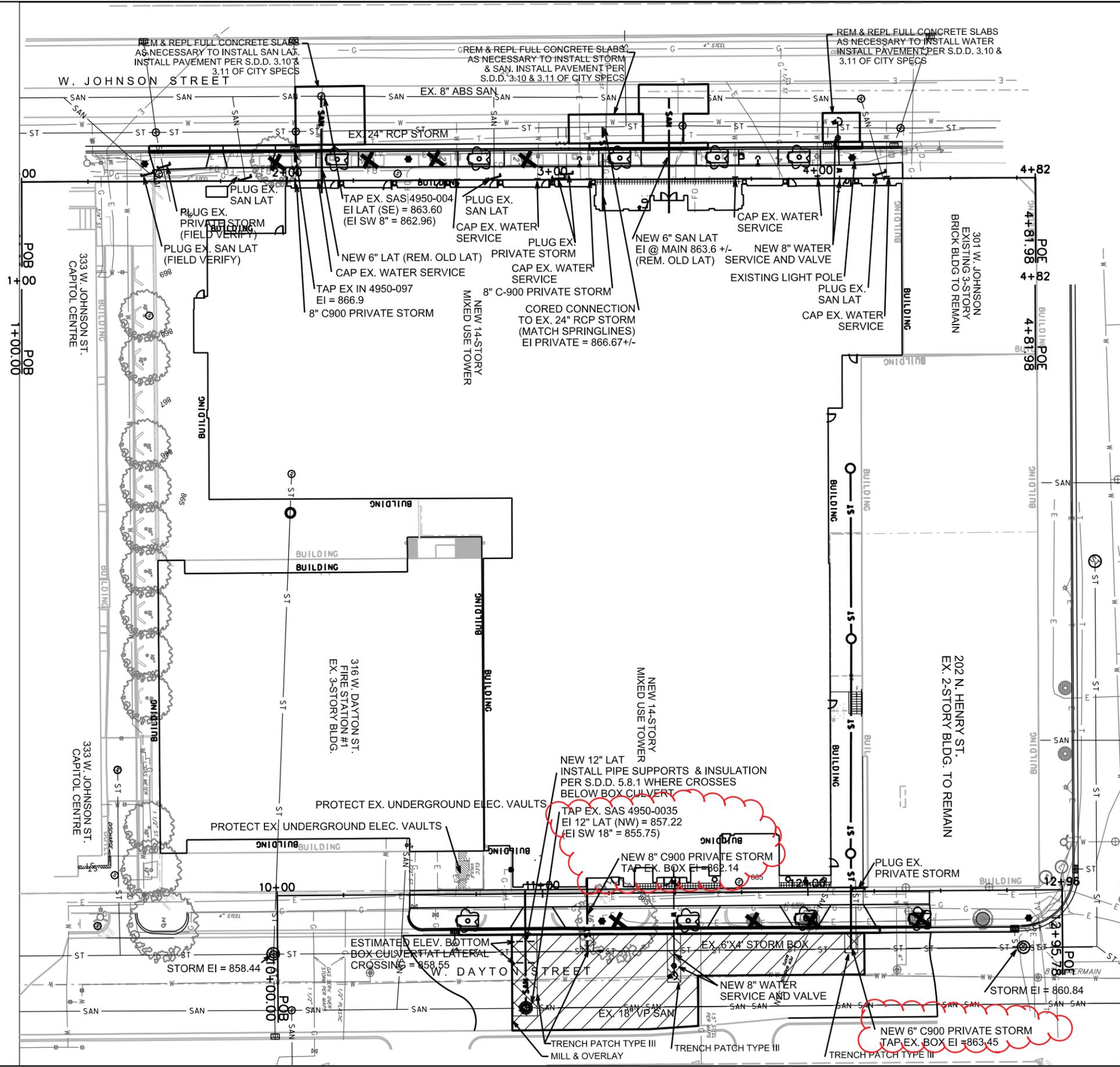
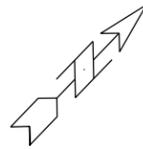
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

UTILITY PLAN

JOHNSON & DAYTON

CITY OF MADISON

REVISED 5/21/14 LRC



PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION