



Madison, Wisconsin

CITY OF MADISON

CITY ENGINEERING DIVISION

DEPARTMENT OF PUBLIC WORKS

PLAN OF PROPOSED IMPROVEMENT

PUBLIC IMPROVEMENT PROJECT APPROVED

JANUARY 5, 2015

BY THE COMMON COUNCIL OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN APPROVED BY:

[Signature] 3/10/16
City Engineer Date

SIDEWALK DESIGNED BY:

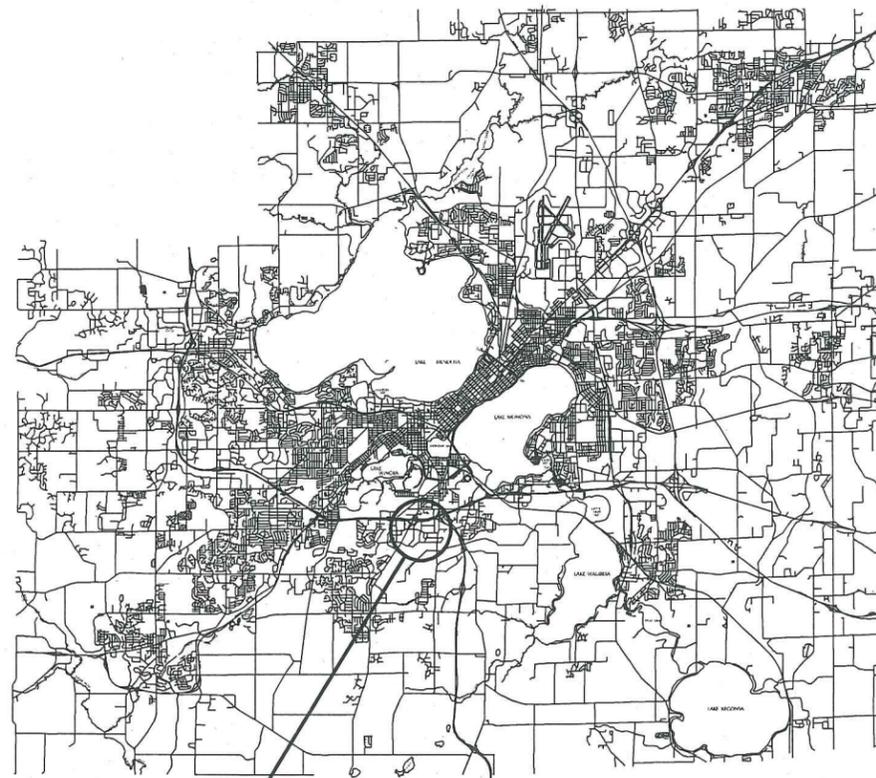


UTILITIES DESIGNED BY:

SEE SHEET U-1

1317-1325 APPELGATE ROAD - BERGSTROM CHEVROLET MADISON

CITY PROJECT NO. 11213
CITY CONTRACT NO. 7619
MUNIS NO. 11213

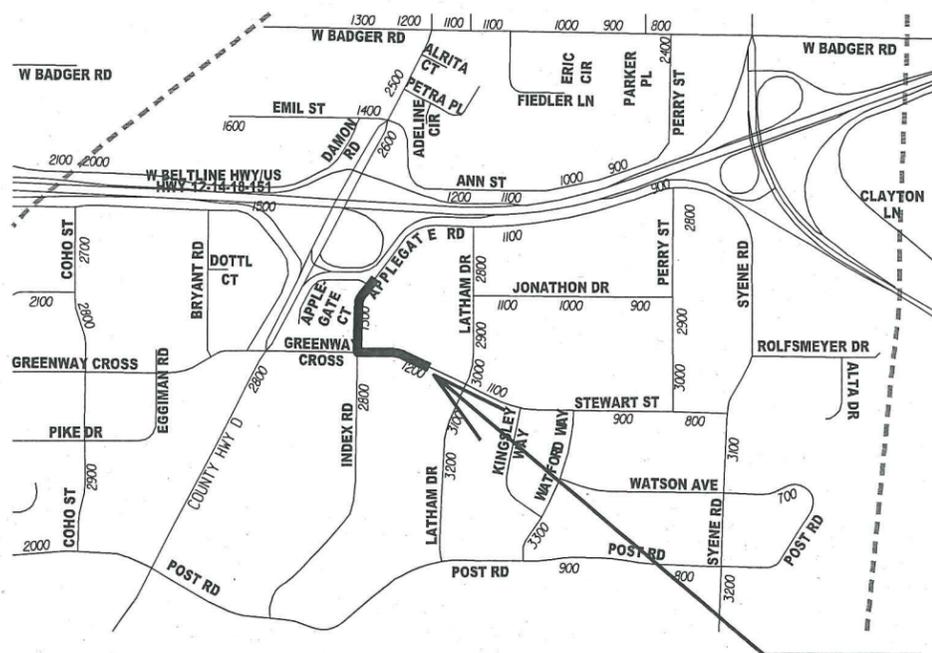
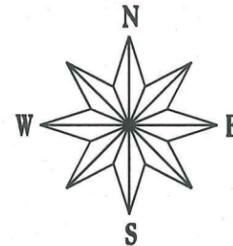


PROJECT LOCATION

INDEX OF SHEETS

SHEET NO.	TITLE
1	DETAILS
DI-D2	APPELGATE ROAD PLAN & PROFILE
PI-P2	GREENWAY CROSS PLAN & PROFILE
P3	UTILITY PLAN
U1	

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]



PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON - STREETS DIVISION

CONTRACTOR/DEVELOPER SHALL SUBMIT A TRAFFIC CONTROL PLAN TO CITY TRAFFIC ENGINEERING AT LEAST 10 WORKING DAYS PRIOR TO THE START OF WORK. WORK WITHIN THE RIGHT-OF-WAY SHALL NOT BEGIN UNTIL THE TRAFFIC CONTROL PLAN IS APPROVED.

ANY PAVEMENT MARKINGS THAT ARE REMOVED OR DAMAGED SHALL BE REPLACED BY THE DEVELOPER/CONTRACTOR AS DIRECTED BY CITY TRAFFIC ENGINEERING.

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.

CONTRACTOR SHALL CONTACT BRIAN MEILLER WITH CITY FORESTRY ((608) 444-2673 OR (608) 266-4890) AT LEAST ONE WEEK PRIOR TO PLANTING TO ALLOW FORESTRY TO MARK THE PLANTING SITES AND REVIEW PLANTING SPECIFICATIONS WITH THE LANDSCAPING CONTRACTOR. TREE PLANTING WITHIN 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.

CONTRACTOR SHALL INSTALL TREE PROTECTION FENCING IN THE AREA BETWEEN THE CURB AND SIDEWALK AND EXTEND IT AT LEAST 5 FEET FROM BOTH SIDES OF THE TREE ALONG THE LENGTH OF THE TERRACE. NO EXCAVATION IS PERMITTED WITHIN 5 FEET OF THE OUTSIDE EDGE OF A TREE TRUNK. IF EXCAVATION WITHIN 5 FEET OF ANY TREE IS NECESSARY, CONTRACTOR SHALL CONTACT CITY FORESTRY (266-4816) PRIOR TO EXCAVATION TO ASSESS THE IMPACT TO THE TREE AND ROOT SYSTEM. TREE PRUNING SHALL BE COORDINATED WITH CITY FORESTRY. TREE PROTECTION SPECIFICATIONS CAN BE FOUND IN SECTION 107.13 OF CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION

ALL PAVEMENT WITHIN THE APPLGATE ROAD AND GREENWAY CROSS RIGHT-OF-WAYS SHALL BE TYPE C PAVEMENT.

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 1.5%. 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 0.5% 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.

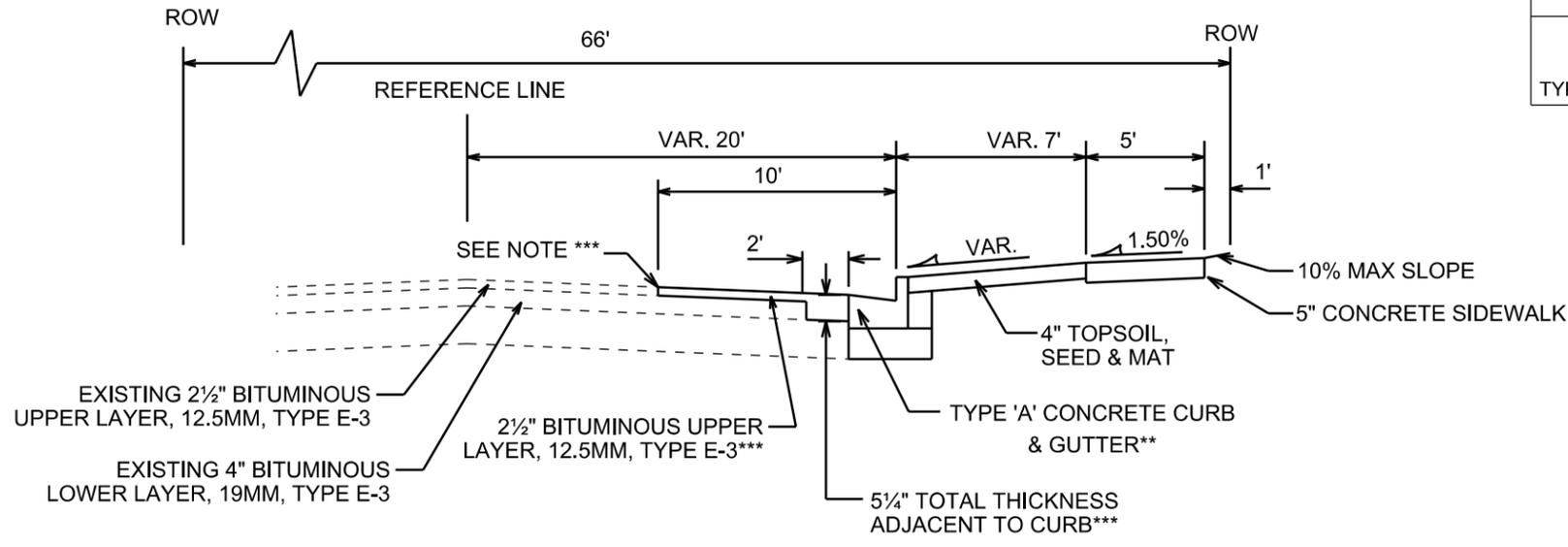
DAMAGE TO ANY EXISTING CURB, PAVEMENT, SIDEWALK, ETC. THAT IS TO REMAIN SHALL BE REPAIRED BY THE DEVELOPER/CONTRACTOR AS DIRECTED BY THE ENGINEER.

PLOT SCALE: _____

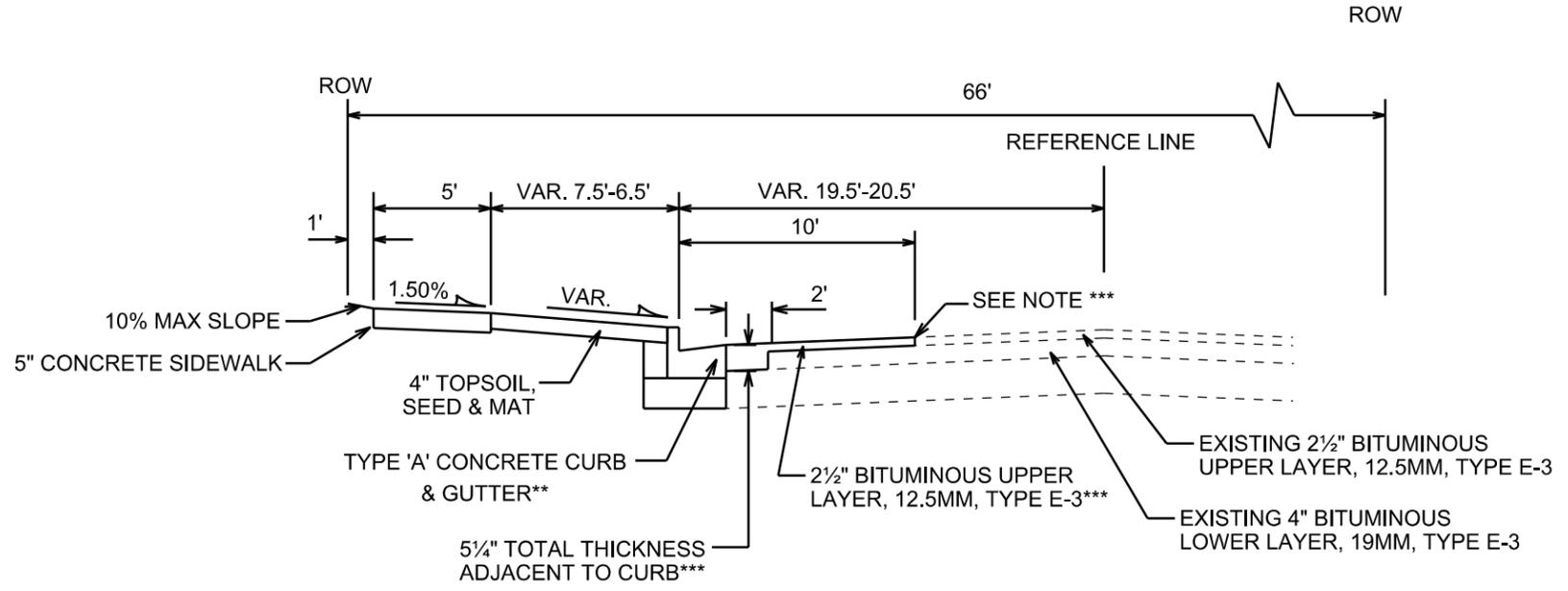
PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



TYPICAL SECTION
APPLGATE ROAD
NOT TO SCALE



TYPICAL SECTION
GREENWAY CROSS
NOT TO SCALE

NOTES:

TYPICAL SECTIONS NOT TO SCALE

* APPLGATE ROAD AND GREENWAY CROSS IS TYPE 'C' PAVEMENT PER CITY OF MADISON MINIMUM PAVEMENT DESIGN. REPLACE PAVEMENT AS SHOWN ON THE PLANS.

** REPLACE CURB AS SHOWN ON THE PLANS.

***TAKE CARE TO NOT DAMAGE PAVEMENT EDGE DURING CURB WORK. OTHERWISE, 2 1/2" MILL & OVERLAY TO STREET LANE EDGE. FINAL LIMITS BY CONSTRUCTION ENGINEER.

CITY OF MADISON MINIMUM PAVEMENT DESIGN

TYPE	CRUSHED AGG. BASE COURSE		ASPHALTIC CONCRETE PAVEMENT			
	LOWER LAYER GRADATION 1	UPPER LAYER GRADATION 2	LOWER LAYER TYPE THICKNESS	UPPER LAYER TYPE THICKNESS	LOWER LAYER TYPE THICKNESS	UPPER LAYER TYPE THICKNESS
A	6"	4"	E-0.3	1.75"	E-0.3	1.75"
B	6"	4"	E-1	2.25"	E-1	2"
C	6"	4"	E-3	3.25"	E-3	2"

PLOT SCALE: _____

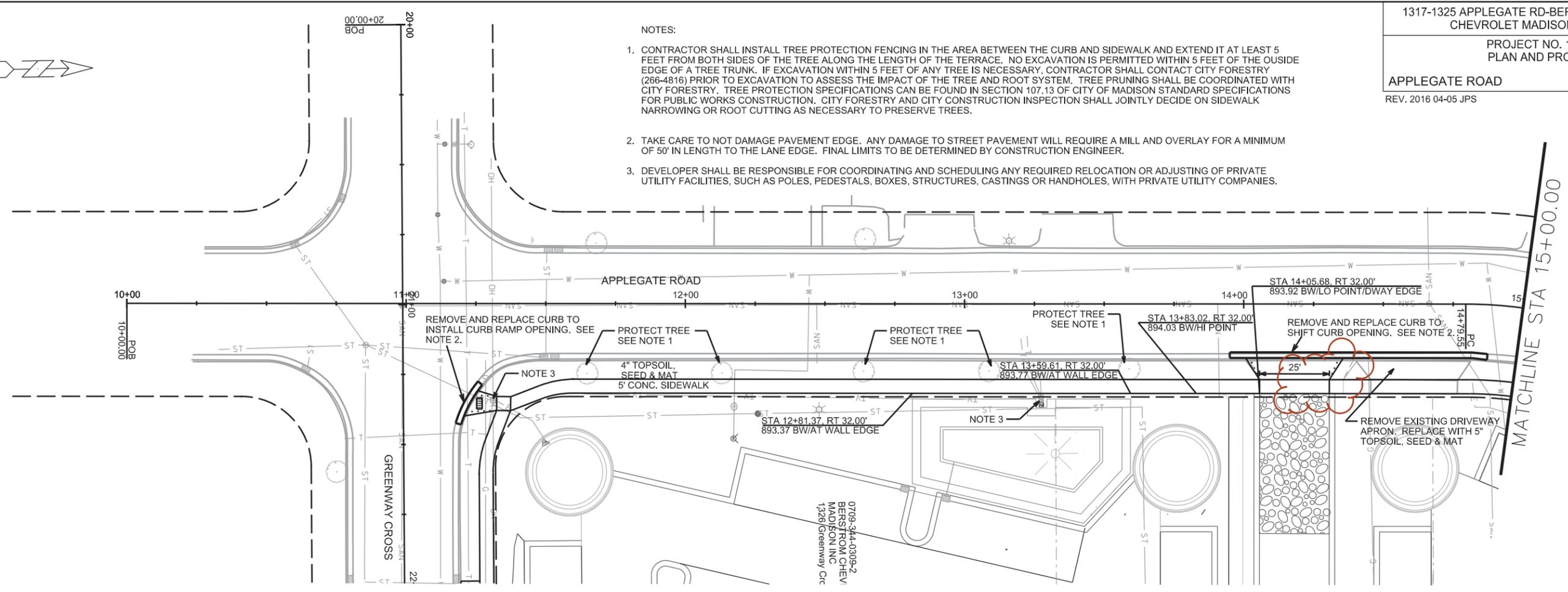
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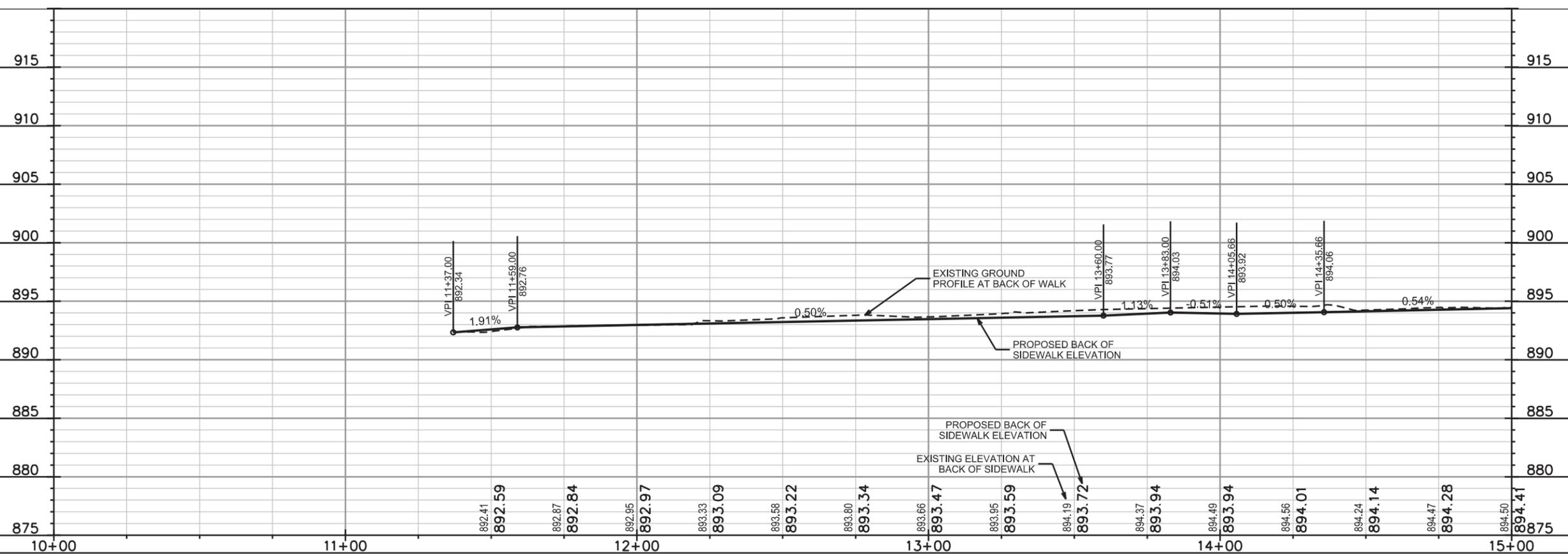
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

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- TAKE CARE TO NOT DAMAGE PAVEMENT EDGE. ANY DAMAGE TO STREET PAVEMENT WILL REQUIRE A MILL AND OVERLAY FOR A MINIMUM OF 50' IN LENGTH TO THE LANE EDGE. FINAL LIMITS TO BE DETERMINED BY CONSTRUCTION ENGINEER.
- DEVELOPER SHALL BE RESPONSIBLE FOR COORDINATING AND SCHEDULING ANY REQUIRED RELOCATION OR ADJUSTING OF PRIVATE UTILITY FACILITIES, SUCH AS POLES, PEDESTALS, BOXES, STRUCTURES, CASTINGS OR HANDHOLES, WITH PRIVATE UTILITY COMPANIES.



0709-344-0309-2
 BERSTROM CHEV
 MADISON INC
 1328 Greenway Cir



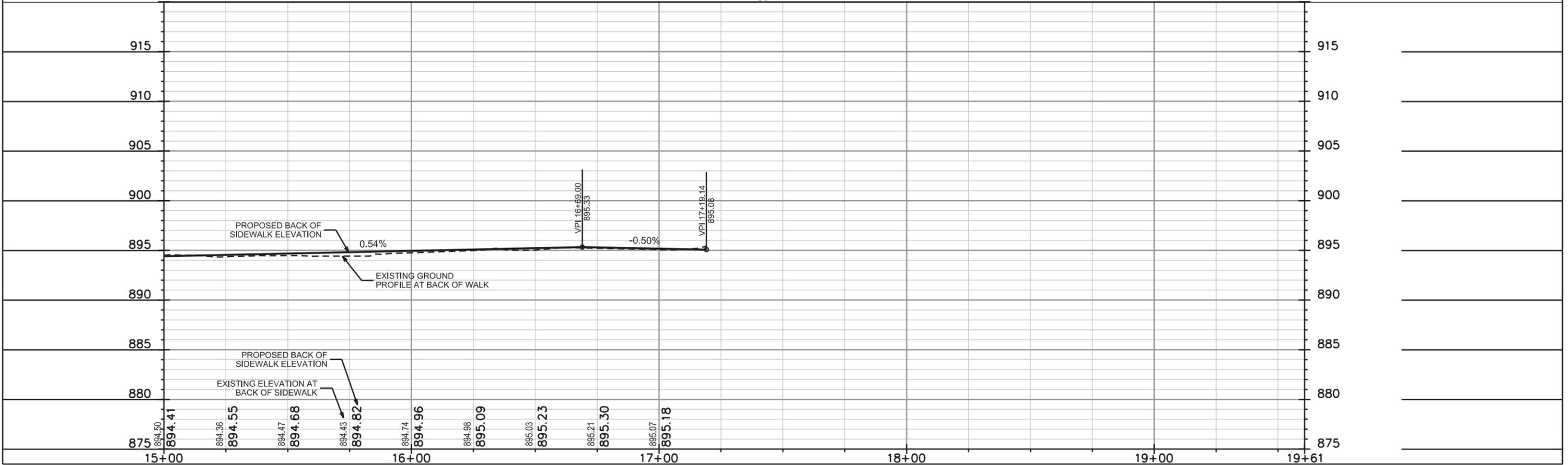
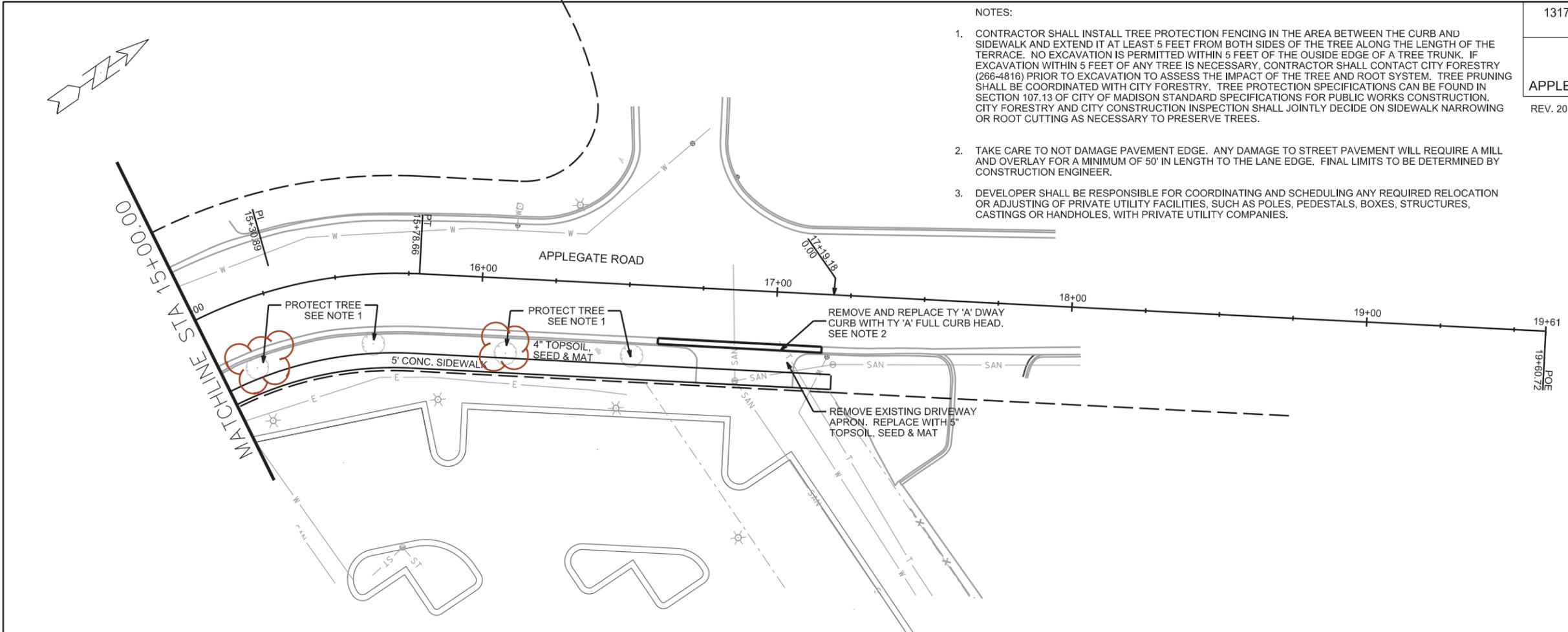
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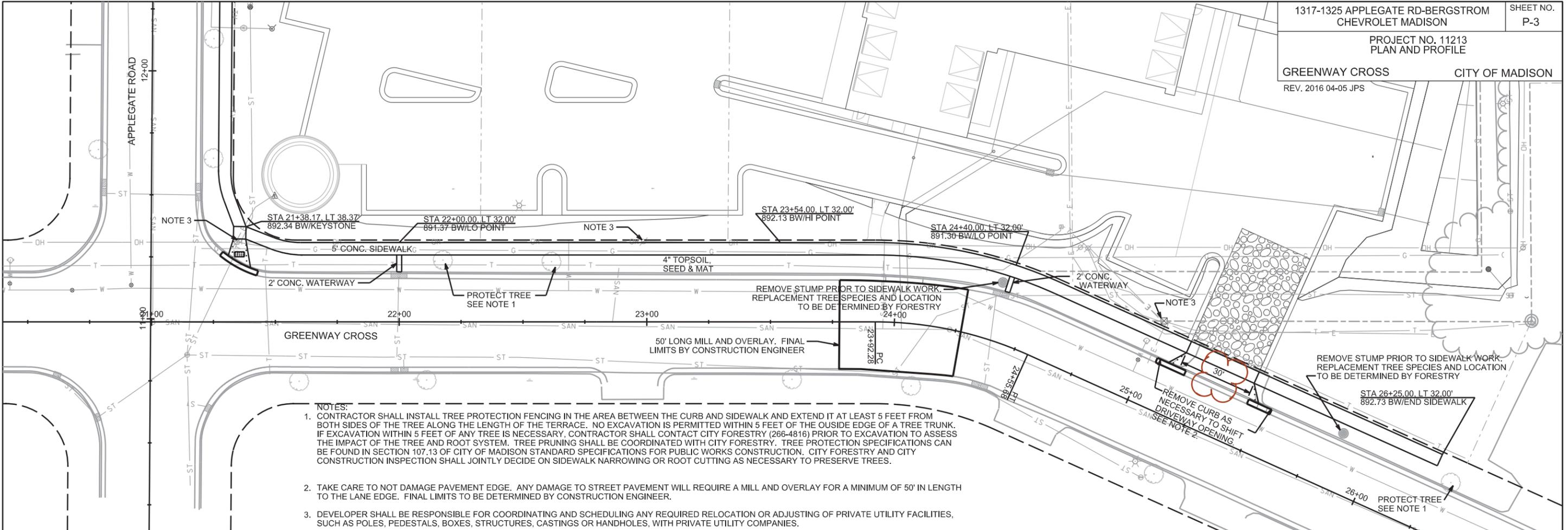


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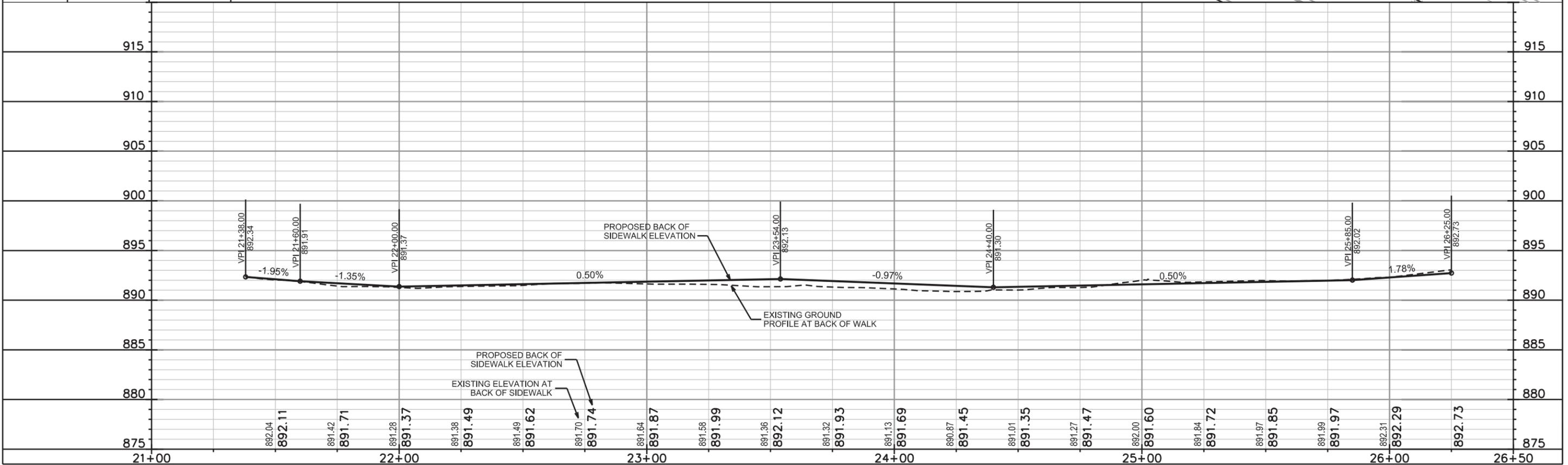
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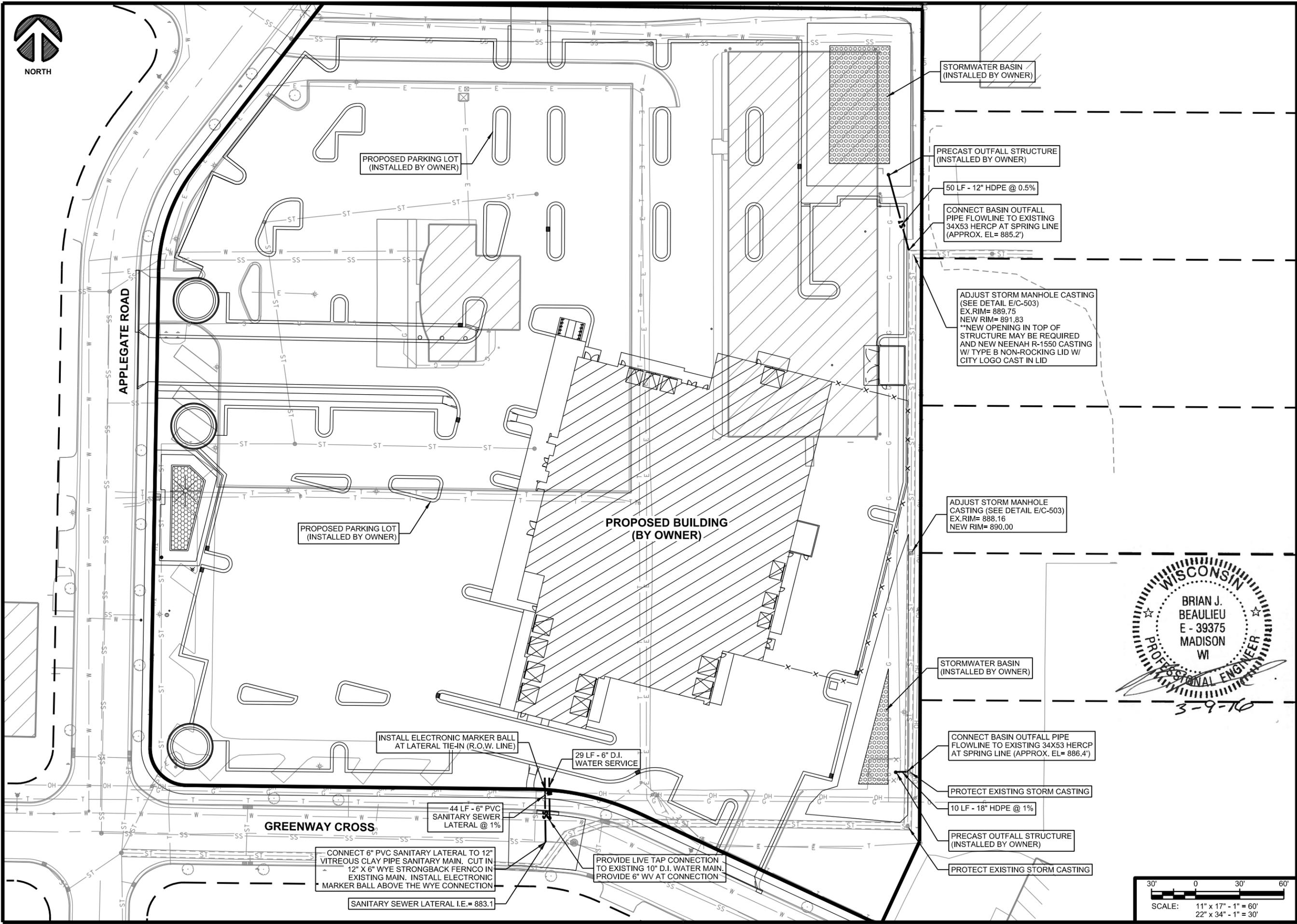
REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



NORTH

K:\2400\12415\CAD\Plan\CITY PLANS\U-1.dgn



STORMWATER BASIN (INSTALLED BY OWNER)

PROPOSED PARKING LOT (INSTALLED BY OWNER)

PRECAST OUTFALL STRUCTURE (INSTALLED BY OWNER)

50 LF - 12" HDPE @ 0.5%

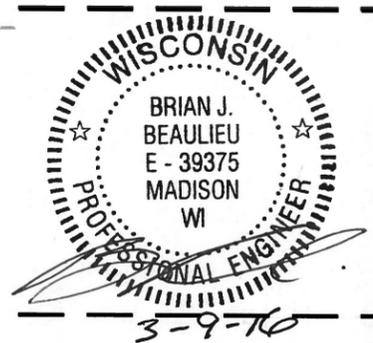
CONNECT BASIN OUTFALL PIPE FLOWLINE TO EXISTING 34X53 HERCP AT SPRING LINE (APPROX. EL= 885.2')

ADJUST STORM MANHOLE CASTING (SEE DETAIL E/C-503)
EX. RIM= 889.75
NEW RIM= 891.83
**NEW OPENING IN TOP OF STRUCTURE MAY BE REQUIRED AND NEW NEENAH R-1550 CASTING W/ TYPE B NON-ROCKING LID W/ CITY LOGO CAST IN LID

PROPOSED PARKING LOT (INSTALLED BY OWNER)

PROPOSED BUILDING (BY OWNER)

ADJUST STORM MANHOLE CASTING (SEE DETAIL E/C-503)
EX. RIM= 888.16
NEW RIM= 890.00



STORMWATER BASIN (INSTALLED BY OWNER)

CONNECT BASIN OUTFALL PIPE FLOWLINE TO EXISTING 34X53 HERCP AT SPRING LINE (APPROX. EL= 886.4')

PROTECT EXISTING STORM CASTING

10 LF - 18" HDPE @ 1%

PRECAST OUTFALL STRUCTURE (INSTALLED BY OWNER)

PROTECT EXISTING STORM CASTING

INSTALL ELECTRONIC MARKER BALL AT LATERAL TIE-IN (R.O.W. LINE)

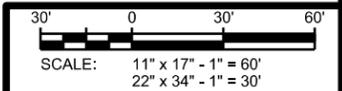
29 LF - 6" D.I. WATER SERVICE

44 LF - 6" PVC SANITARY SEWER LATERAL @ 1%

CONNECT 6" PVC SANITARY LATERAL TO 12" VITREOUS CLAY PIPE SANITARY MAIN. CUT IN 12" X 6" WYE STRONGBACK FERNCO IN EXISTING MAIN. INSTALL ELECTRONIC MARKER BALL ABOVE THE WYE CONNECTION

PROVIDE LIVE TAP CONNECTION TO EXISTING 10" D.I. WATER MAIN. PROVIDE 6" WV AT CONNECTION

SANITARY SEWER LATERAL I.E. = 883.1



Edge Consulting Engineers, Inc.
 624 Water Street
 Prairie du Sac, WI 53578
 608.644.1449 voice
 608.644.1549 fax
 www.edgeconsult.com

BERGSTROM CHEVROLET MADISON
 1345 APPLGATE ROAD, CITY OF MADISON
 DANE COUNTY, WISCONSIN

UTILITY PLAN (#11213)

REVISIONS:	DESCRIPTION:
MARK:	DATE:

ISSUE DATE:	03/09/2016
SET TYPE:	CD
GRAPHIC SCALE:	60,000' / 1" = 60'
DRAWN BY:	BJB
CHECKED BY:	JS
PLOT DATE:	3/9/2016
PROJECT NUMBER:	11213 / 12415
FILE NAME:	U-1.dgn

SHEET IDENTIFICATION:
U-1