

Madison, Wisconsin

# CITY OF MADISON

## CITY ENGINEERING DIVISION

### DEPARTMENT OF PUBLIC WORKS

## PLAN OF PROPOSED IMPROVEMENT

PUBLIC IMPROVEMENT PROJECT APPROVED

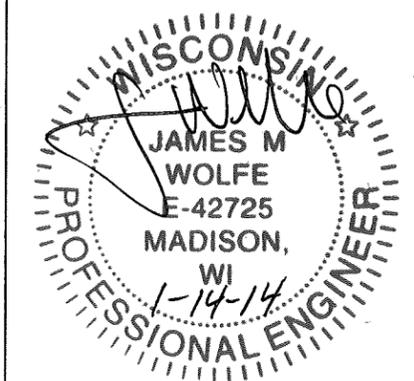
NOVEMBER 19, 2013

BY THE COMMON COUNCIL  
OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN  
APPROVED BY:

  
City Engineer 1/22/14  
Date

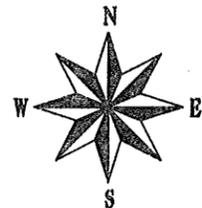
STREET & UTILITIES  
DESIGNED BY:



INDEX OF SHEETS

SHEET NO.	TITLE
1	STANDARD NOTES
D1	TYPICAL SECTIONS & DETAILS
D2	SIDEWALK PLAN AND PROFILE
P1	UTILITY PLAN
U1	

105-113 S. MILLS STREET AND  
1020-1022 MOUND STREET



CITY PROJECT NO. 53B2367  
CONTRACT NO. 2367

PROJECT  
LOCATION

CONVENTIONAL SIGNS

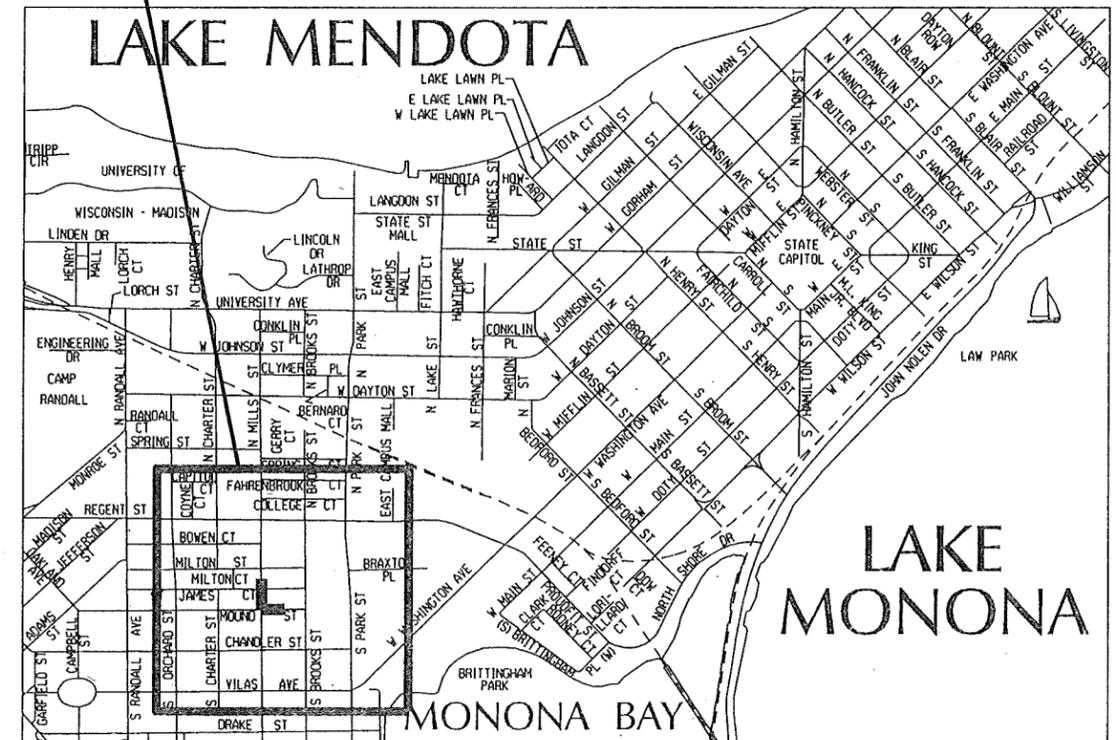
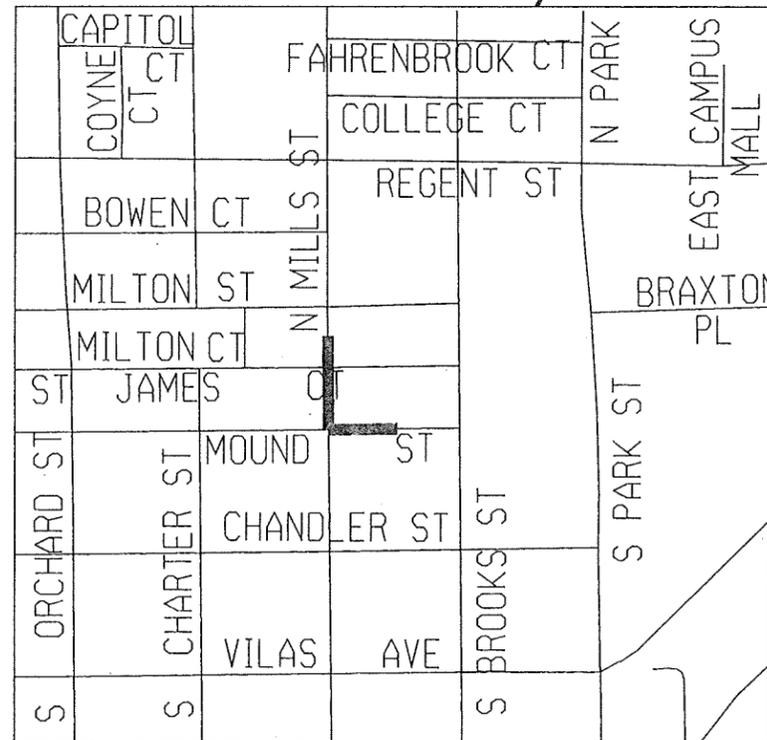
FIELD VERIFY ALL UTILITY LOCATIONS

GAS	— G —
STORM SEWER	— ST —
SANITARY SEWER	— SAN —
WATER	— W —
OVERHEAD ELECTRIC	— OH —
UW STEAM TUNNEL	--- STEAM TUNNEL ---
POWER POLE	⊕
ADA COMPLIANT RAMP W/ DETECTABLE WARNING FIELD	
COMBUSTIBLE FLUIDS	

NOTES:

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

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

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

ALL PAVEMENT WITHIN THE MILLS RIGHT-OF-WAY SHALL BE TYPE C PAVEMENT.

ALL PAVEMENT WITHIN THE MOUND RIGHT-OF-WAY SHALL BE 2" OF LOWER LAYER ASPHALT 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 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.

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: \_\_\_\_\_

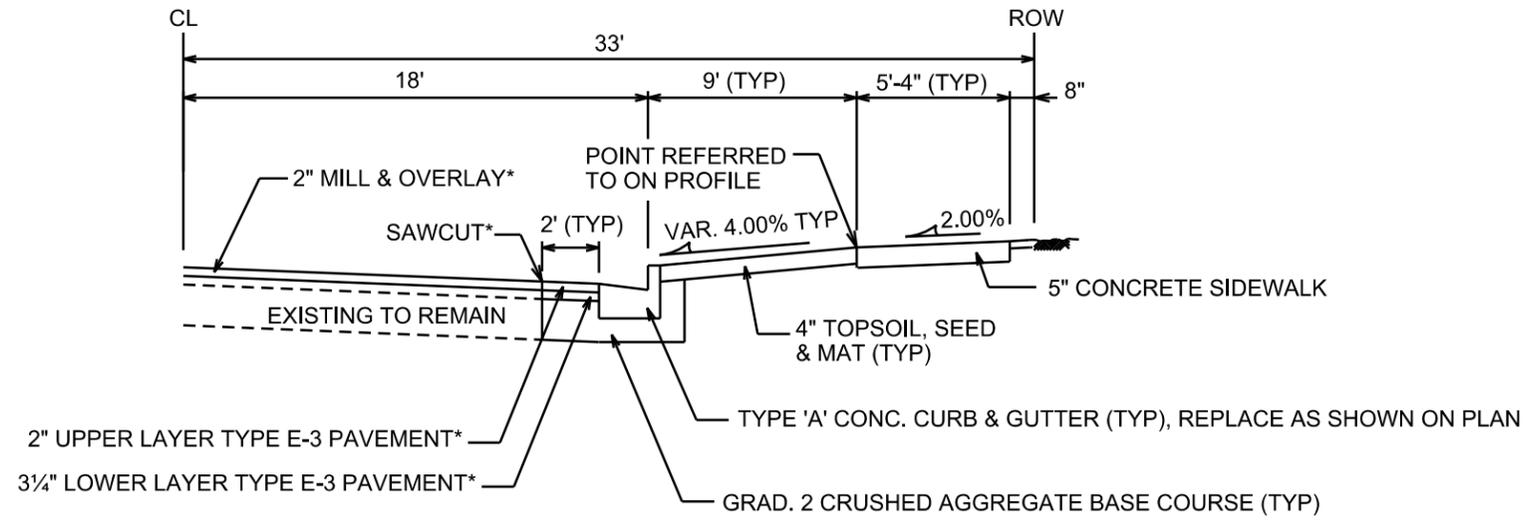
REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

DETAIL

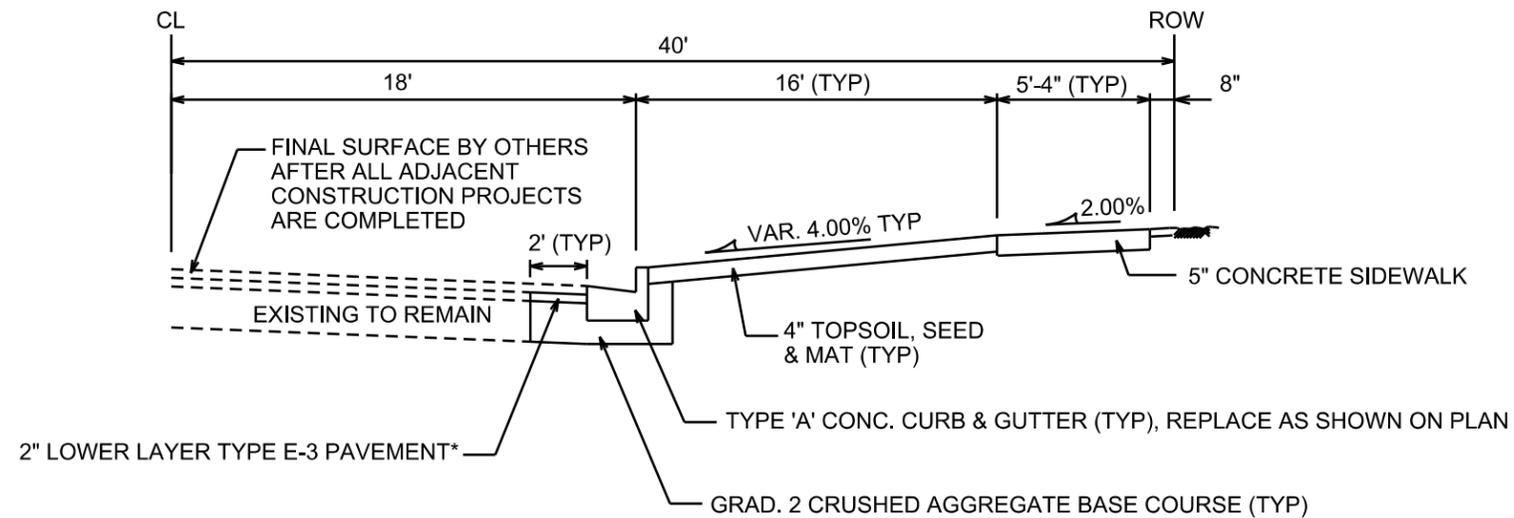
TYPICAL SECTION

CITY OF MADISON



**TYPICAL SECTION**

S. MILLS ST.  
NOT TO SCALE



**TYPICAL SECTION**

MOUND ST.  
NOT TO SCALE

NOTES:

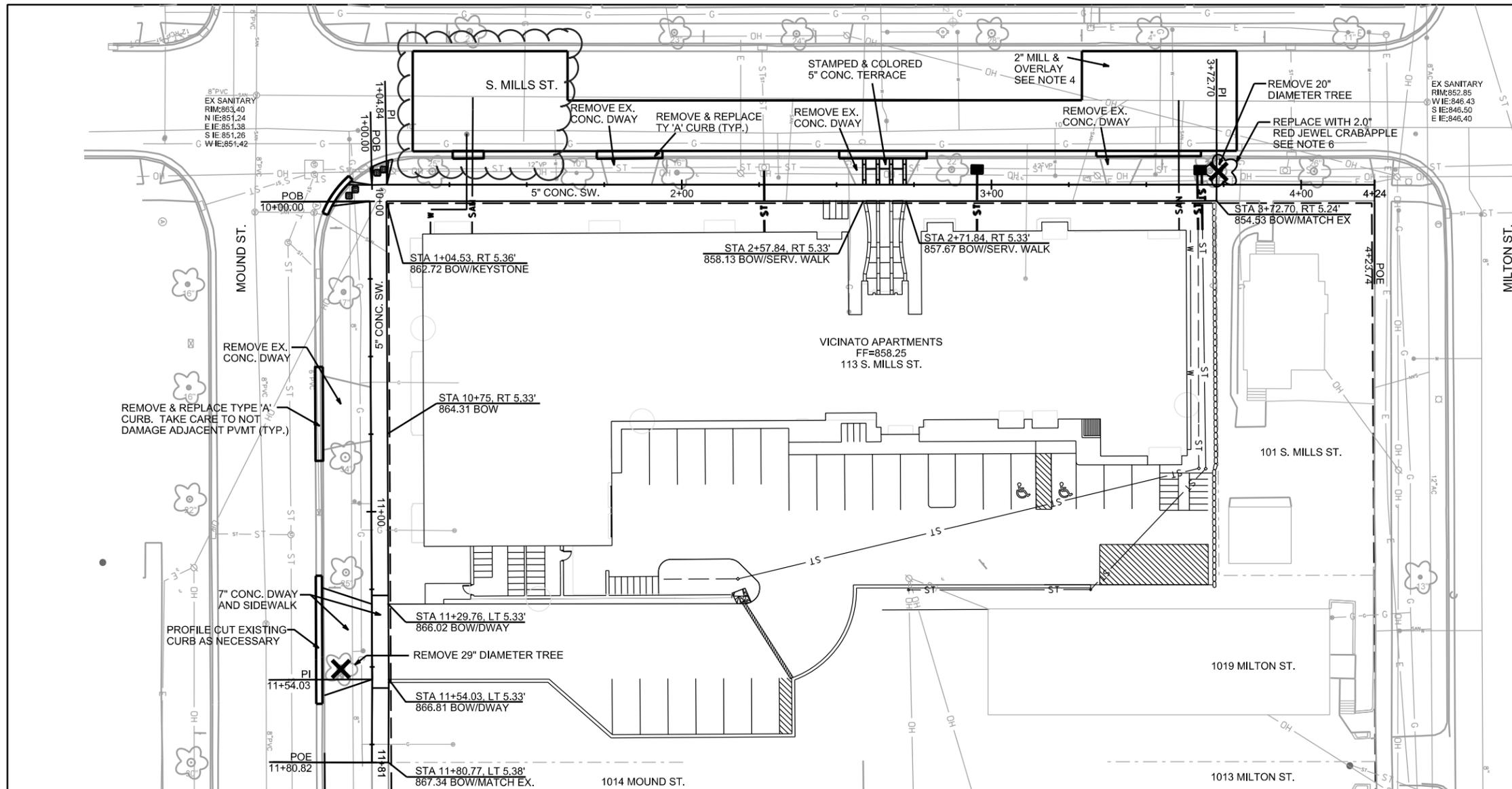
\* MILL & OVERLAY LIMITS ARE APPROXIMATE. PATCH PAVEMENT PER CITY'S PATCHING CRITERIA. MILL & OVERLAY MAY NOT BE NECESSARY IF PAVEMENT IS UNDAMAGED, AS DECIDED BY THE CONSTRUCTION ENGINEER. FINAL MILL & OVERLAY LIMITS TO BE DETERMINED BY THE CONSTRUCTION ENGINEER.

PLOT SCALE: \_\_\_\_\_

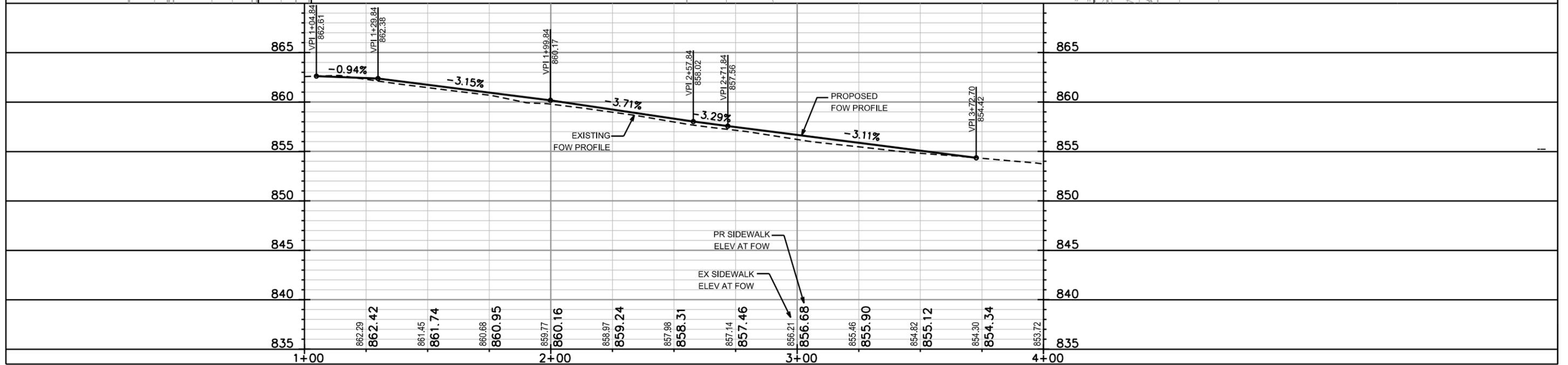
PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



- NOTES:
1. ALL REMOVED DWAY APRONS ARE TO BE REPLACED WITH 4" TOPSOIL, SEED, AND MAT.
  2. THE TERRACE AREA ADJACENT TO SIDEWALK WORK IS TO BE REPLACED WITH 4" TOPSOIL, SEED, AND MAT.
  3. TAKE CARE TO NOT DAMAGE TREES OR INFRASTRUCTURE TO REMAIN.
  4. MILL & OVERLAY LIMITS ARE APPROX. IF SOME CURB WORK CAN BE DONE WITHOUT DAMAGING THE PAVEMENT, THE LIMITS MAY BE REVISED BY THE CONSTRUCTION ENGINEER. PATCH PAVEMENT PER CITY'S PATCHING CRITERIA.
  5. ALL CURB REPLACEMENT SHALL BE TYPE 'A'
  6. CONTRACTOR SHALL CONTACT CITY FORESTRY ((608) 266-4816) AT LEAST ONE WEEK PRIOR TO PLANTING TO SCHEDULE MARKING THE PLANTING SITE, INSPECTING THE NURSERY STOCK, AND REVIEWING PLANTING SPECIFICATIONS WITH THE LANDSCAPER.



PLOT SCALE: \_\_\_\_\_

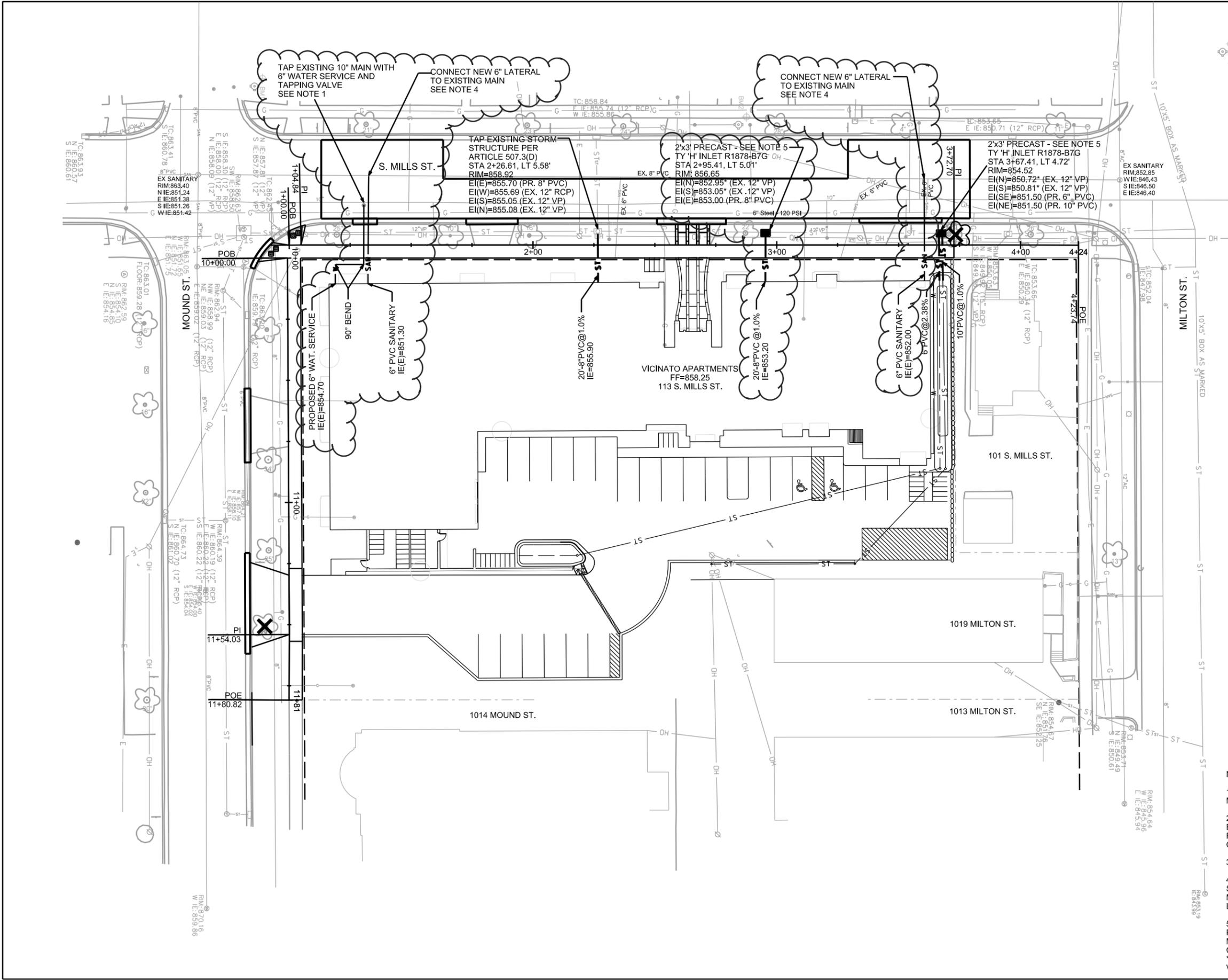
PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

UTILITY PLAN

S. MILLS ST. AND MOUND ST. CITY OF MADISON  
REV. 09-05-14 BY JPS



- NOTES:
1. COORDINATE WATER SERVICE AND CONNECTION TO MAIN WITH MADISON WATER UTILITY BEFORE BEGINNING WORK.
  2. MILL & OVERLAY LIMITS ARE APPROX. IF SOME CURB WORK CAN BE DONE WITHOUT DAMAGING THE PAVEMENT, THE LIMITS MAY BE REVISED BY THE CONSTRUCTION ENGINEER. PATCH PAVEMENT PER CITY'S PATCHING CRITERIA.
  3. ALL CURB REPLACEMENT SHALL BE TYPE 'A'
  4. CONNECT 6" PVC SANITARY LATERAL TO 8" PVC MAIN WITH STRONGBACK FERNCO TAP SADDLE. INSTALL ELECTRONIC MARKER BALLS ABOVE LATERAL AT WYE CONNECTION (MAIN) AND AT LATERAL TIE IN (ROW LINE).
  5. COMPLETE ULO PRIOR TO ORDERING PRECAST STRUCTURE AND PERFORM CONNECTION PER ARTICLE 507.3(B) OF THE CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.  
\* INDICATES CALCULATED ELEVATIONS THAT NEED ULO FOR VERIFICATION.

PLOT SCALE: \_\_\_\_\_

PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION