

Madison, Wisconsin

CITY OF MADISON

CITY ENGINEERING DIVISION

DEPARTMENT OF PUBLIC WORKS

PLAN OF PROPOSED IMPROVEMENT

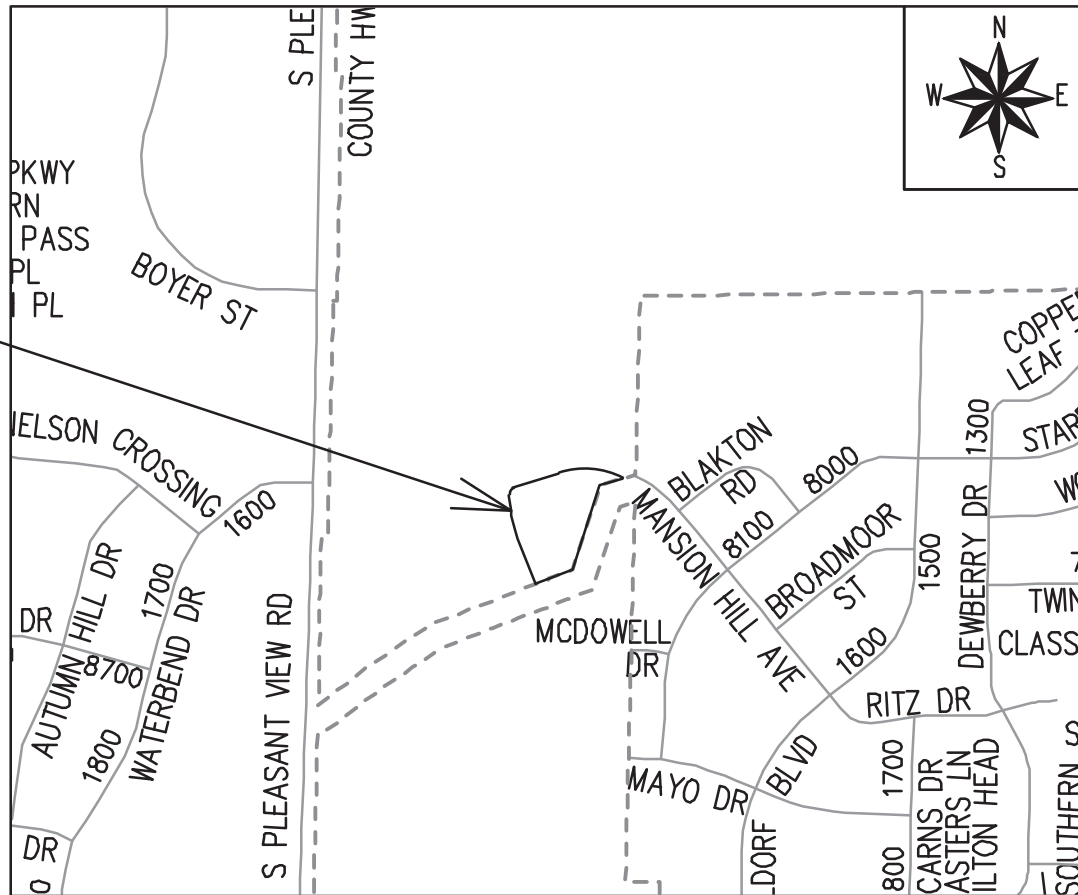
INDEX OF SHEETS

SHEET NO. D1	STANDARD NOTES
SHEET NO. D2	TYPICAL SECTIONS
SHEET NO. P1-P2	PLAN & PROFILE
SHEET NO. U1-U2	UTILITY PLAN
SHEET NO. L1-L2	LANDSCAPING PLAN
SHEET NO. X1-X2	CROSS SECTIONS
NO MAINTENANCE PLAN REQUIRED	

8421 MANSION HILL AVENUE

CITY PROJECT NO. 15676
CONTRACT NO. 9649

PROJECT
LOCATION



REVISION 1 - 07/07/2025
-UPDATED SHEETS: P2, U2, L2, X2

PUBLIC IMPROVEMENT PROJECT
APPROVED

APPROVED DATE: MARCH 25, 2025

BY THE COMMON COUNCIL
OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN
APPROVED BY:

05/20/2025

City Engineer

Date

STREET
DESIGNED BY:



05/20/2025

SANITARY SEWER
DESIGNED BY:

LATERAL ONLY

WATER
DESIGNED BY:

LATERAL ONLY

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, REFERRING TO NOTIFICATION OF PROPERTY OCCUPANTS AND/OR OWNERS, HAS BEEN COMPLIED WITH.

DEVELOPER MUST SUBMIT A TRAFFIC CONTROL PLAN TO CITY TRAFFIC ENGINEERING AT LEAST 14 DAYS PRIOR TO THE START OF WORK. WORK SHALL NOT PROCEED UNTIL AN APPROVED TRAFFIC CONTROL PLAN IS IN PLACE.

CONTACT THE PROJECT ENGINEER AND DESIGNER, NASHALY GUTIERREZ, AT NGUTIERREZ@CITYOFMADISON.COM FOR CAD FILES AND ALIGNMENT DATA PRIOR TO STAKING.

CONTACT THE CITY CONSTRUCTION ENGINEER, KYLE FRANK, AT KFRANK@CITYOFMADISON.COM FOR PRECONSTRUCTION SCHEDULING, COORDINATION, AND INSPECTION.

CONVENTIONAL SIGNS

FIELD VERIFY ALL UTILITY LOCATIONS

GAS

STORM SEWER

SANITARY SEWER

WATER

BURIED ELECTRIC

OVERHEAD ELECTRIC

POWER POLE

ADA COMPLIANT RAMP W/
DETECTABLE WARNING FIELD

COMBUSTIBLE FLUIDS

— G —

— ST —

— SAN —

— W —

— E —

— OH —

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 GRADE OF 0.5% TOWARD STORM SEWER INLETS.

ALL DITCHES SHALL DRAIN WITH A MINIMUM GRADE OF 0.5%

THE CROSS SLOPE OF SIDEWALKS AND BARRIER FREE SIDEWALK CURB RAMPS SHALL TYPICALLY 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. 3.04. 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 4:1. 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.

CURB STATION AND OFFSETS SHALL BE TO THE EDGE OF PAVEMENT UNLESS OTHERWISE INDICATED. CURB ELEVATIONS SHALL BE TO THE EDGE OF PAVEMENT 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 UNLESS OTHERWISE INDICATED ON THE PLANS.

ANY INFORMATION SHOWN ON THIS PLAN, WHICH IS NOT PART OF THIS RIGHT-OF-WAY 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 S.D.D 3.05.

ALL WORK IN THE RIGHT OF WAY AND PUBLIC EASEMENTS SHALL BE IN ACCORDANCE WITH THE CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION LATEST EDITION.

ALL PROPOSED IMPROVEMENTS IN THE RIGHT-OF-WAY ARE BASED ON SURVEY DATA PROVIDED BY THE DEVELOPER OR ITS CONSULTANT. IN THE CASE THAT THE PROPOSED IMPROVEMENTS CAN NOT BE INSTALLED PER THESE PLANS OR THE CITY OF MADISON STANDARD SPECIFICATION FOR PUBLIC WORKS CONSTRUCTION, LATEST EDITION, THE DEVELOPER SHALL BE RESPONSIBLE FOR THE COST OF EXTRA WORK DUE TO INACCURACIES OF THE SURVEY.

ALL UTILITY VERIFICATIONS AND ACCURACY OF THE DRAWINGS ARE THE RESPONSIBILITY OF THE DEVELOPER. ANY CONFLICTS THAT ARISE FROM MISSING OR ERRONEOUS INFORMATION WILL BE AT THE EXPENSE OF THE DEVELOPER. NO PRECAST STRUCTURES WILL BE APPROVED FOR STORM OR SANITARY SEWER UNTIL ALL POTENTIAL UTILITY CONFLICTS ARE RESOLVED.

IN LOCATIONS WHERE PAVEMENT RESTORATION IS NOT IDENTIFIED ADJACENT TO CURB AND GUTTER REPLACEMENT, IT IS ASSUMED THAT CURB AND GUTTER WILL BE REPLACED WITHOUT DAMAGING ADJACENT PAVEMENT. IF DAMAGED, THE PAVEMENT RESTORATION LIMITS SHALL BE EXTENDED BY THE CITY CONSTRUCTION ENGINEER AS NECESSARY TO MEET THE STANDARD PATCHING CRITERIA.

15676

MADISON, WI

9649

CONTRACT NO:

15676

8421 MANSION HILL AVENUE

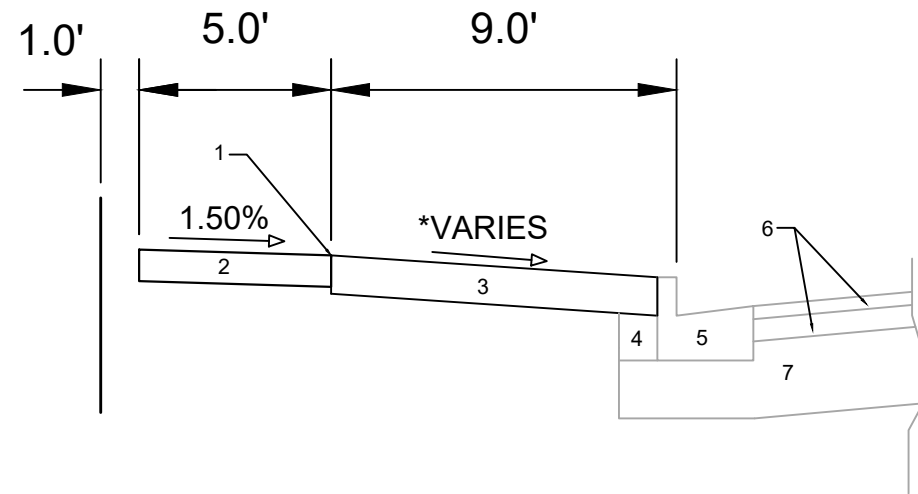
M:\DESIGN\Projects\15676\CAD\Streets\15676EN-Details.dwg

15676

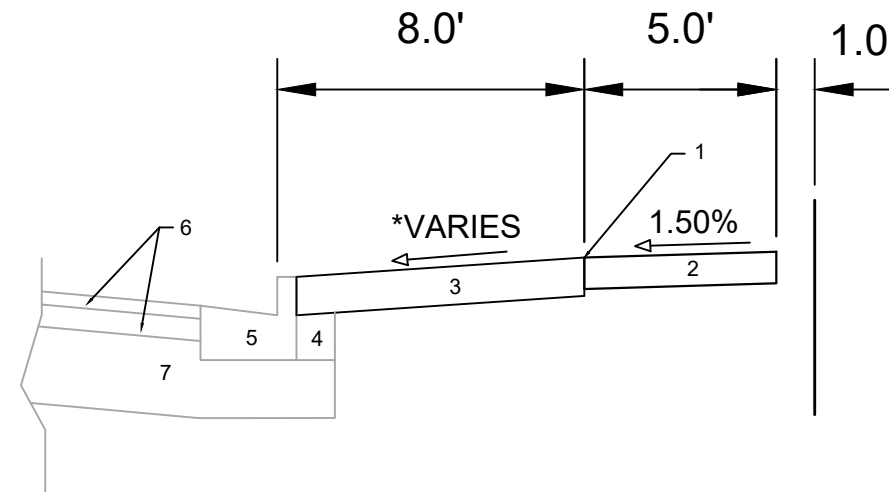
D-1

15676

D-1



TYPICAL SECTION
MICA ROAD



TYPICAL SECTION
MANSION HILL AVENUE

SPECIAL NOTES:

*SEE X-SHEETS FOR CROSS SLOPES

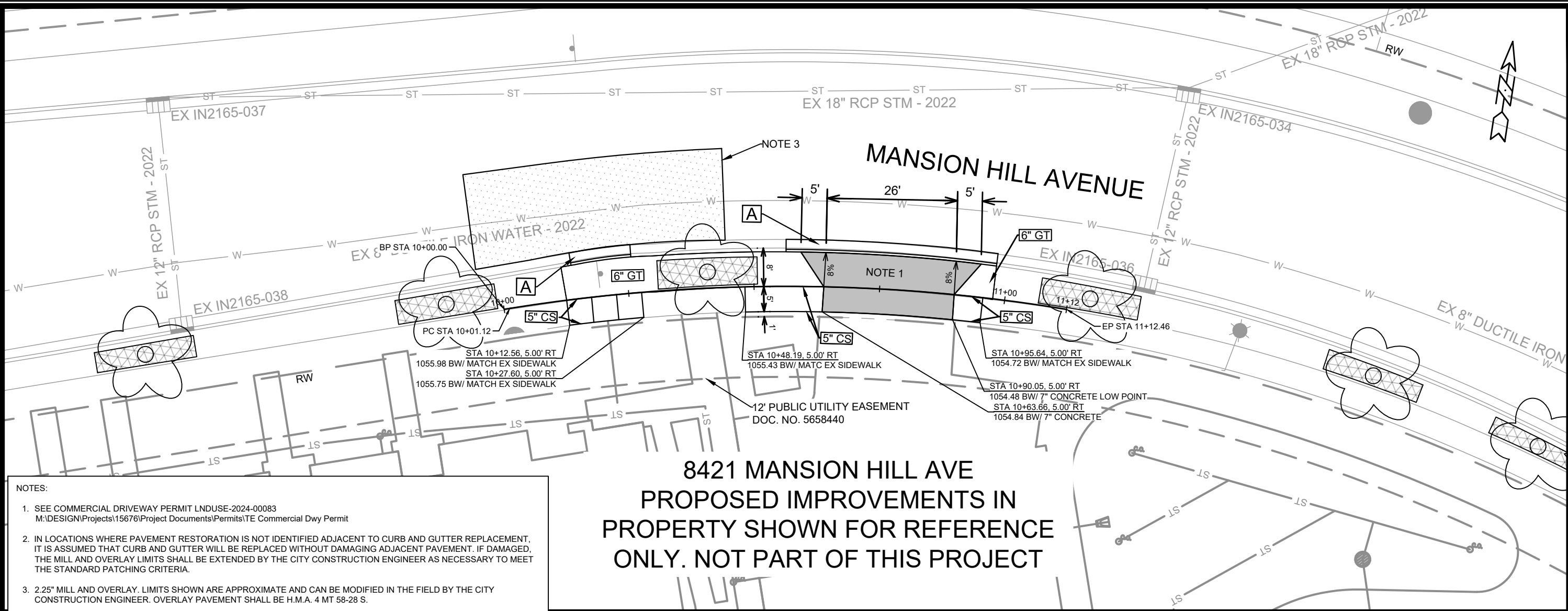
- 1 POINT REFERRED TO ON PROFILE FOR F.W.
- 2 5" CONCRETE SIDEWALK
- 3 6" TOPSOIL, SEED & MATT
- 4 EX. FILL TO REMAIN, INSTALL AT CURB REPLACEMENT LOCATIONS
- 5 EX. TYPE "A" AND "E" CONCRETE CURB & GUTTER, REPLACE AT LOCATIONS IDENTIFIED ON P-SHEETS OR AS DIRECTED BY THE CONSTRUCTION ENGINEER
- 6 EX. PAVEMENT TO REMAIN
- 7 EX. ROAD BASE TO REMAIN

DATE	BY
4/11/2025	11:03 AM
REVISION	Scale:
MARK	15676
Designed By: NGV	

15676	15676
MADISON, WI	9649
8421 MANSION HILL AVENUE	CONTRACT NO:
M:\DESIGN\Projects\15676\CAD\Streets\15676EN-Details.dwg	








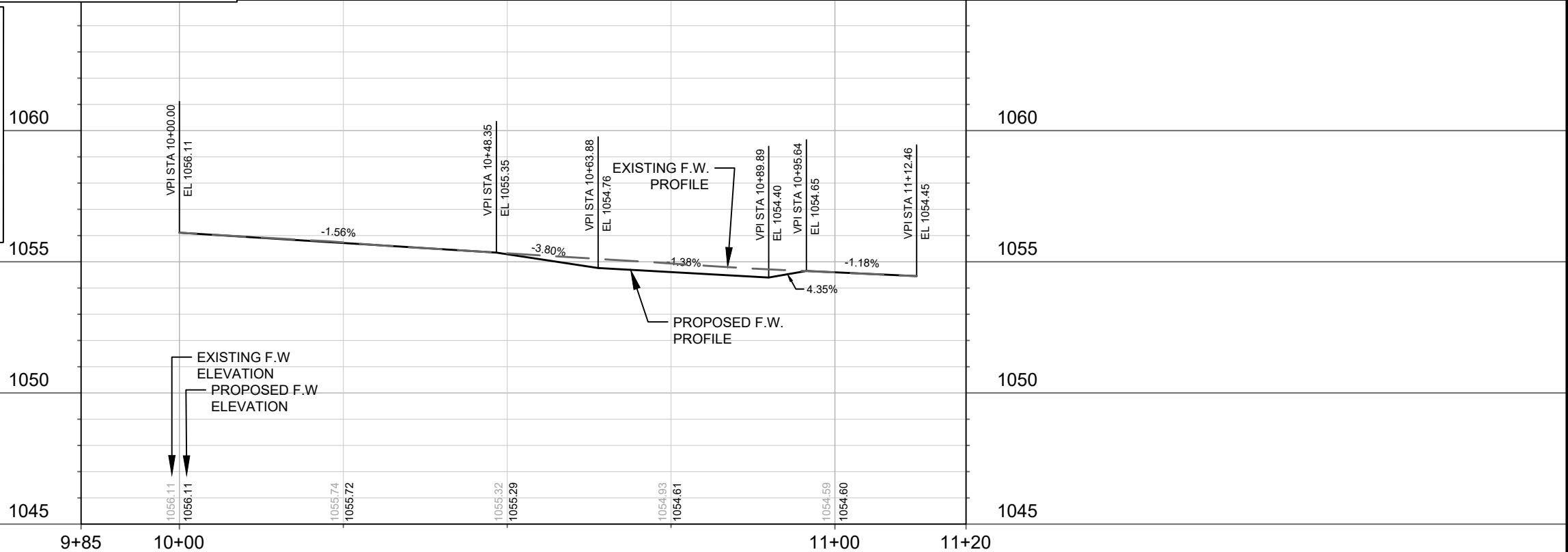
15676
D-2



NOTES:

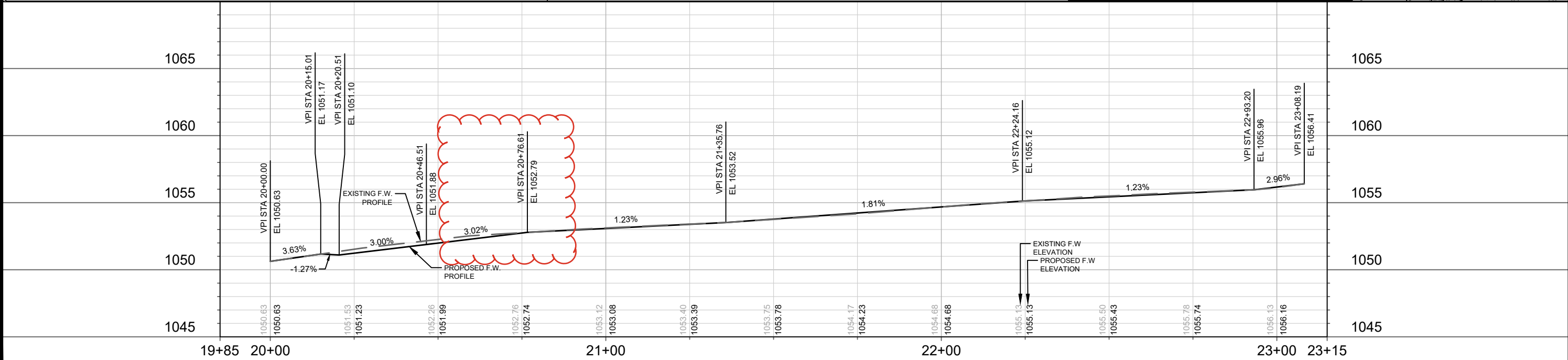
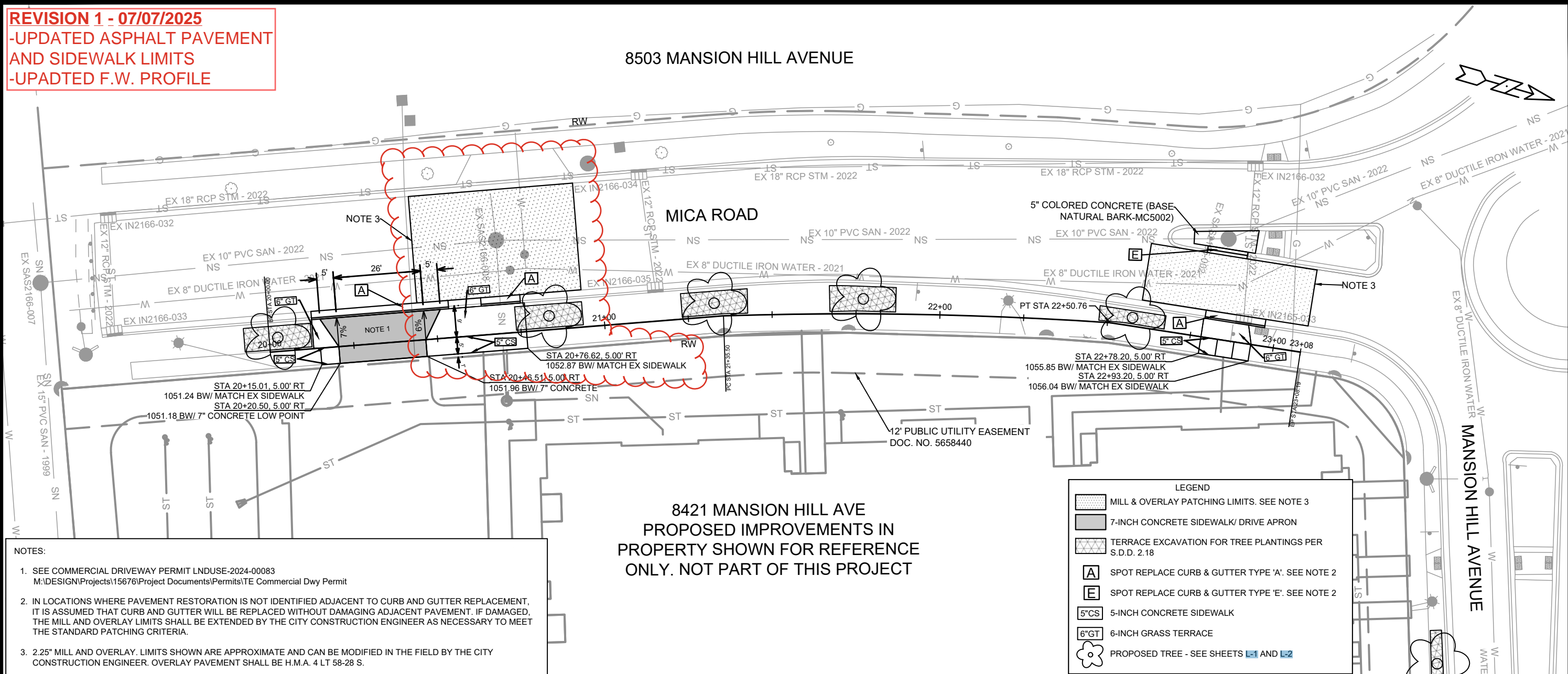
1. SEE COMMERCIAL DRIVEWAY PERMIT LNDUSE-2024-00083
M:\DESIGN\Projects\15676\Project Documents\Permits\TE Commercial Dwy Permit
2. IN LOCATIONS WHERE PAVEMENT RESTORATION IS NOT IDENTIFIED ADJACENT TO CURB AND GUTTER REPLACEMENT, IT IS ASSUMED THAT CURB AND GUTTER WILL BE REPLACED WITHOUT DAMAGING ADJACENT PAVEMENT. IF DAMAGED, THE MILL AND OVERLAY LIMITS SHALL BE EXTENDED BY THE CITY CONSTRUCTION ENGINEER AS NECESSARY TO MEET THE STANDARD PATCHING CRITERIA.
3. 2.25" MILL AND OVERLAY. LIMITS SHOWN ARE APPROXIMATE AND CAN BE MODIFIED IN THE FIELD BY THE CITY CONSTRUCTION ENGINEER. OVERLAY PAVEMENT SHALL BE H.M.A. 4 MT 58-28 S.

LEGEND	
	MILL & OVERLAY PATCHING LIMITS. SEE NOTE 3
	7-INCH CONCRETE SIDEWALK/ DRIVE APRON
	TERRACE EXCAVATION FOR TREE PLANTINGS PER S.D.D. 2.18
	SPOT REPLACE CURB & GUTTER TYPE 'A'. SEE NOTE 2
	SPOT REPLACE CURB & GUTTER TYPE 'E'. SEE NOTE 2

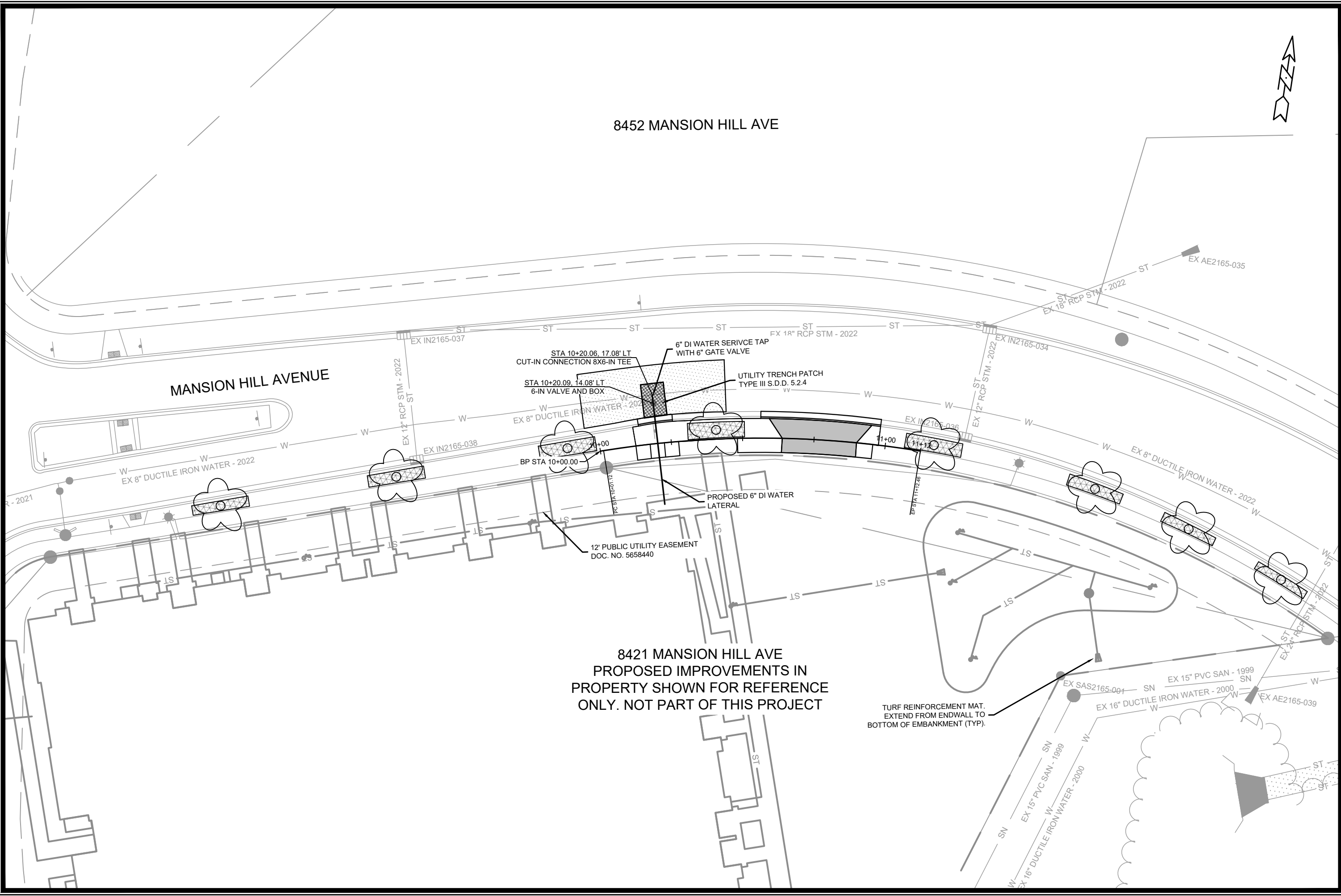


15676	MADISON, WI	9649	CONTRACT NO:
PLAN & PROFILE - MANSION HILL AVENUE			
8421 MANSION HILL AVENUE			
M:\DESIGN\Projects\15676\CAD\Streets\15676EN-PnP.dwg			
15676			
P-1			

REVISION 1 - 07/07/2025
-UPDATED ASPHALT PAVEMENT
AND SIDEWALK LIMITS
-UPADTED F.W. PROFILE



15676	MADISON, WI	9649	CONTRACT NO:
PLAN & PROFILE - MICA ROAD			
8421 MANSION HILL AVENUE			
M:\DESIGN\Projects\15676\CAD\Streets\15676EN-PnP.dwg			
CITY OF MADISON WISCONSIN			
15676			
P-2			



8452 MANSION HILL AVE

MANSION HILL AVENUE

8421 MANSION HILL AVE
PROPOSED IMPROVEMENTS IN
PROPERTY SHOWN FOR REFERENCE
ONLY. NOT PART OF THIS PROJECT

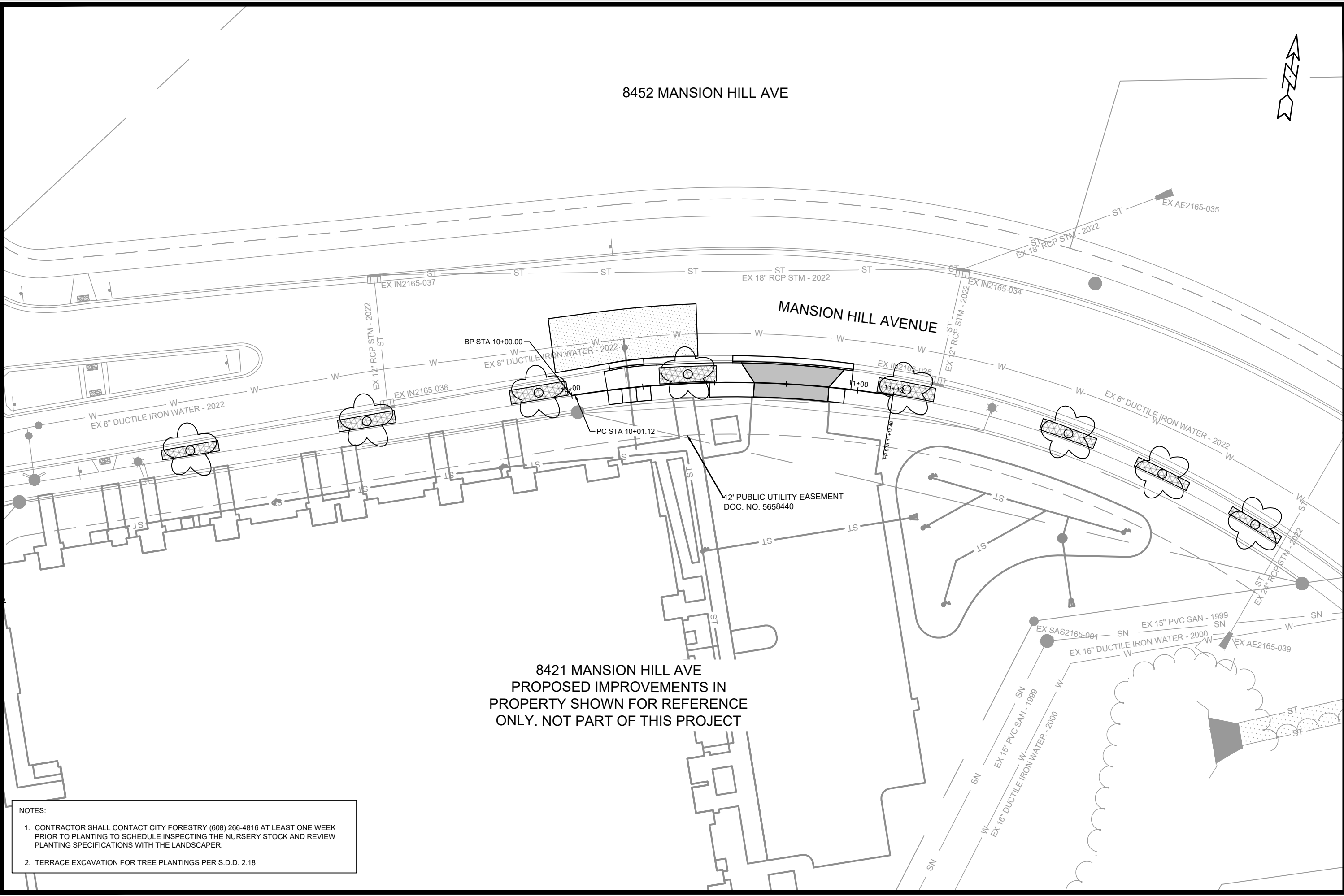
DATE	5/19/2025	11:13 AM
REVISION		
MARK	15676	U-1
Designed By: ##	15676	

15676	MADISON, WI	9649
UTILITY PLAN - MANSION HILL AVENUE	8421 MANSION HILL AVENUE	CONTRACT NO:
M:\DESIGN\Projects\15676\CAD\Sewers\15676SWR-PipeNetwork.dwg		



15676

U-1



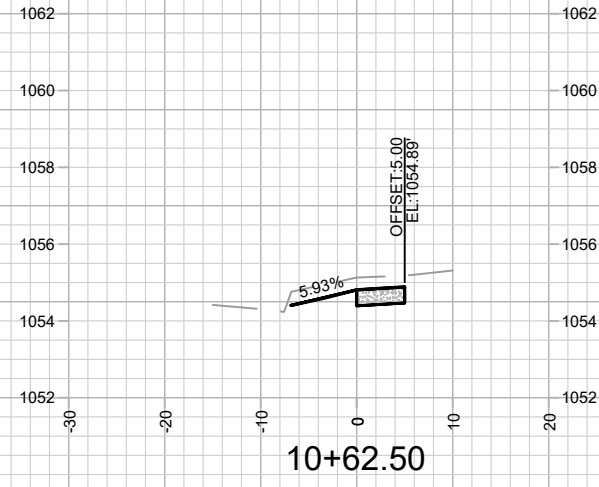
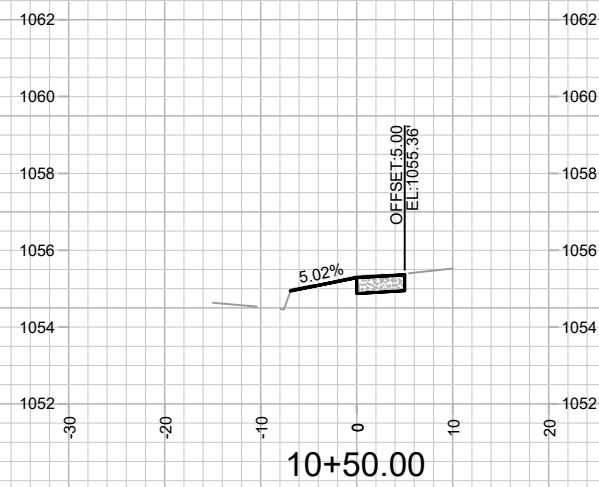
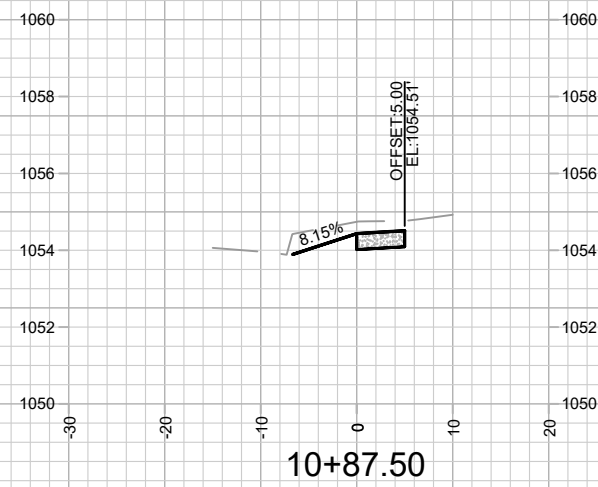
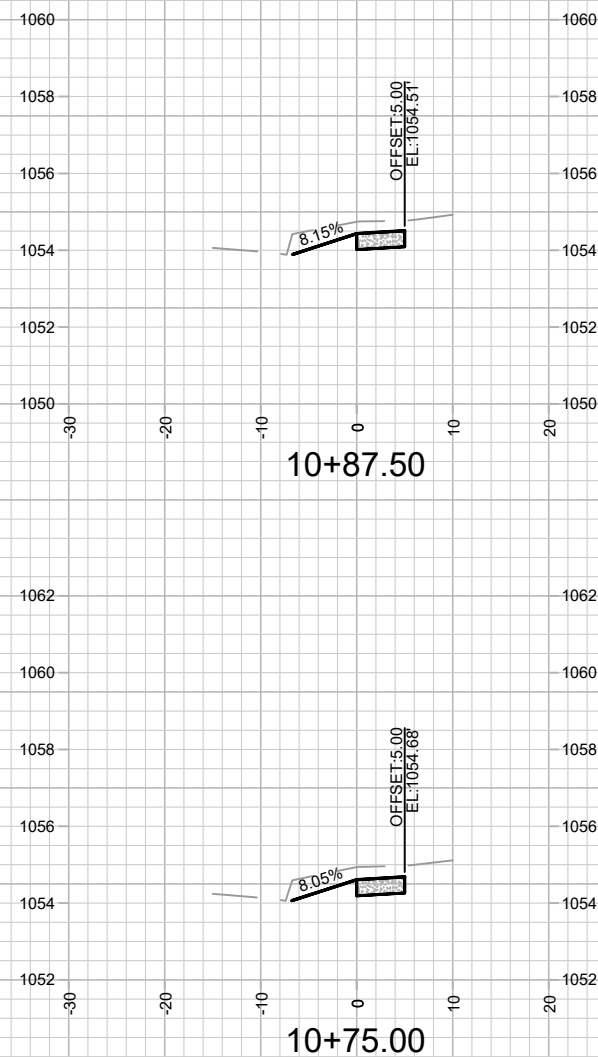
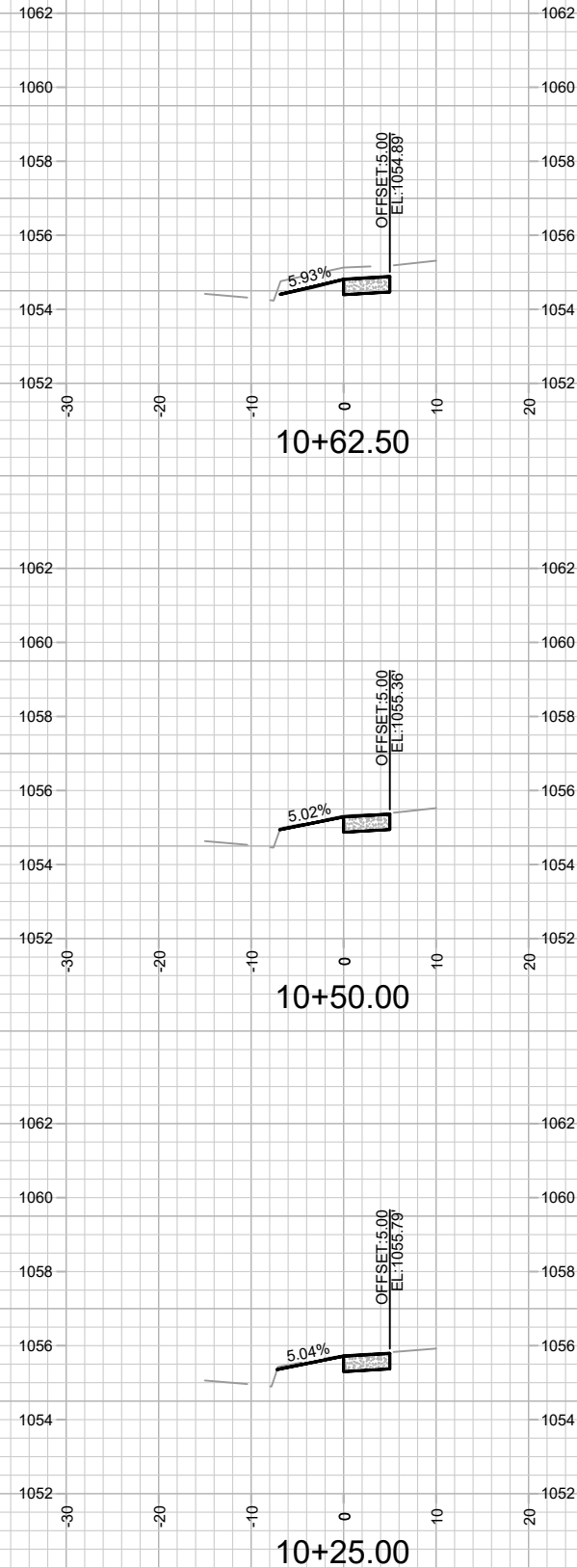
NOTES:

1. CONTRACTOR SHALL CONTACT CITY FORESTRY (608) 266-4816 AT LEAST ONE WEEK PRIOR TO PLANTING TO SCHEDULE INSPECTING THE NURSERY STOCK AND REVIEW PLANTING SPECIFICATIONS WITH THE LANDSCAPER.
2. TERRACE EXCAVATION FOR TREE PLANTINGS PER S.D.D. 2.18

DATE	5/19/2025
BY	L-1
REVISION	
MARK	
Designed By: ##	15676
Date: 5/19/2025 11:11 AM	

15676	15676
MADISON, WI	8421 MANSION HILL AVENUE
9649	CONTRACT NO:
M:\DESIGN\Projects\15676\CAD\Streets\15676EN-Landscaping.dwg	





15676
X-1

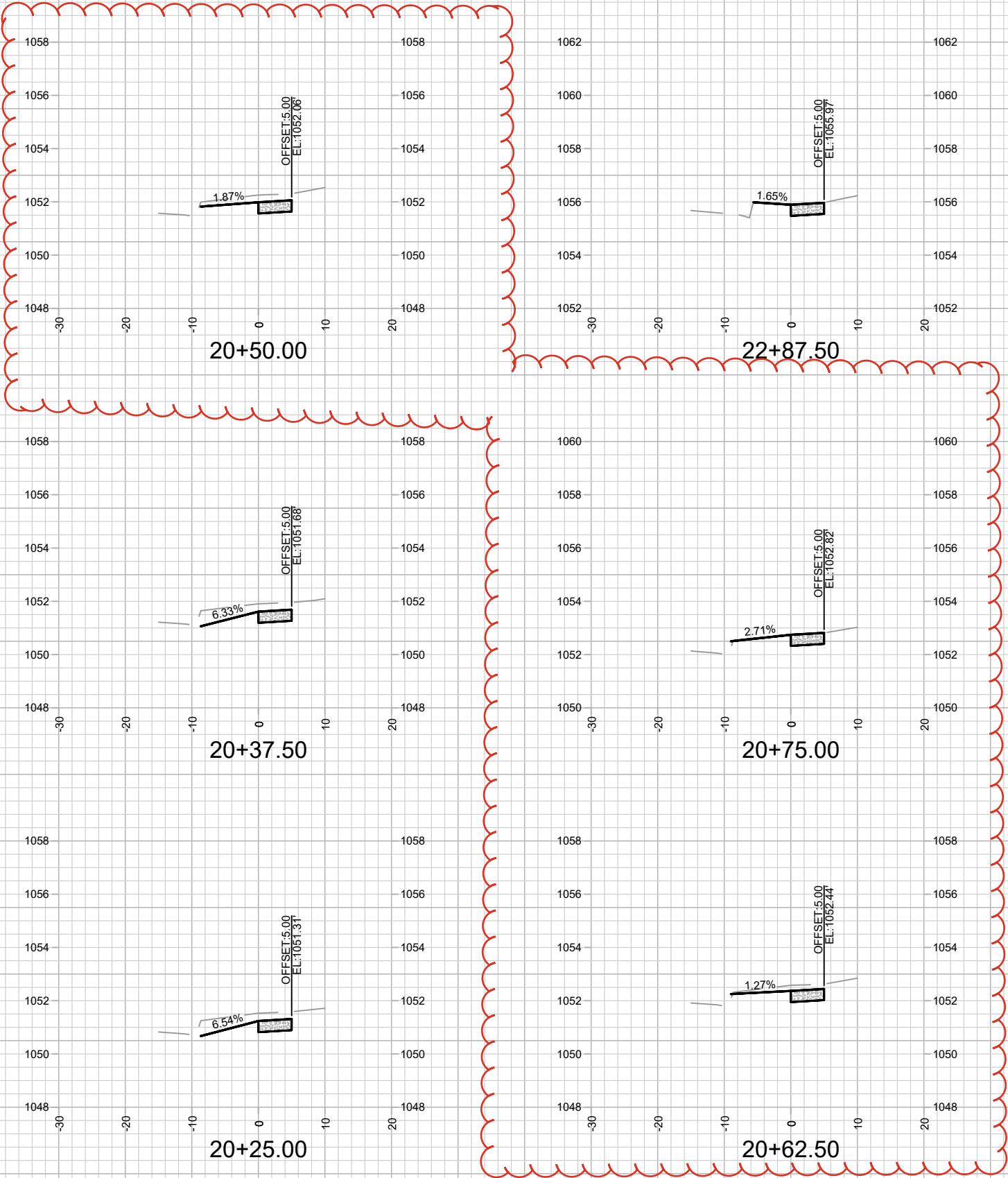
CROSS SECTIONS - MANSION HILL AVENUE
8421 MANSION HILL AVENUE

15676
MADISON, WI
CONTRACT NO: 9649

MARK	REVISION	DATE	BY
15676		5/19/2025 11:40 AM	NGV
		Scale: 1" = 20'	X-1

M:\DESIGN\Projects\15676\CAD\Streets\15676EN-Xsections.dwg

REVISION 1 - 07/07/2025
-UPDATED SIDEWALK LIMITS
GRADES



15676		15676		15676	
CROSS SECTIONS - MICA ROAD		MADISON, WI		X-2	
8421 MANSION HILL AVENUE		CONTRACT NO: 9649		X-2	
M:\DESIGN\Projects\15676\CAD\Streets\15676EN-Xsections.dwg		REV1		07/07/2025	
		MARK		NGV	
		REVISION		DATE	
		Designed By: NGV		BY	
		Date: 7/7/2025 10:32 AM		Scale: 1" = 20'	
		15676		X-2	