

CITY OF MADISON

CITY ENGINEERING DIVISION DEPARTMENT OF PUBLIC WORKS PLAN OF PROPOSED IMPROVEMENT

INDEX OF SHEETS

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PROJECT

LOCATION

SHEET NO. X1-X4 CROSS SECTIONS

NO MAINTENANCE PLAN REQUIRED

3575 UNIVERSITY AVENUE

CITY PROJECT NO. 15902 CONTRACT NO. 9676

FEATHER CREST

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PUBLIC IMPROVEMENT PROJECT APPROVED

APPROVED DATE: OCTOBER 7, 2025

BY THE COMMON COUNCIL OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN APPROVED BY:

12/03/2025

City Engineer

Date

STREET DESIGNED BY:



12/02/2025

STORM SEWER DESIGNED BY:



12/02/2025

DESIGNED BY:

WATER

SANITARY SEWER DESIGNED BY:



LATERAL ONLY

12/03/2025

FILE NAME: M:\DESIGN\Projects\15902\CAD\Streets\15902EN-TitleSheet.dwg

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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 FIELD VERIFY ALL UTIL	
GAS	—— G ——
STORM SEWER	—— ST ——
SANITARY SEWER	——————————————————————————————————————
WATER	—— w ——
BURIED ELECTRIC	— Е —
OVERHEAD ELECTRIC	—— он——
POWER POLE	\Box
ADA COMPLIANT RAMP V DETECTABLE WARNING	· ::::::
COMBUSTIBLE FLUIDS	CANONIA TAN

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.

THE DEVELOPER SHALL PERFORM ULOS (UTILITY LINE OPENINGS) TO IDENTIFY ALL POTENTIAL CONFLICTS FOR UNDERGROUND UTILITIES NECESSARY TO DETERMINE THE FEASIBILITY OF THE STORM AND / OR SANITARY CONNECTIONS. THIS SHALL BE DONE PRIOR TO THE ISSUANCE OF THE CITY PLANS AND PRIOR TO THE START OF WORK ON ANY WORK COVERED UNDER THE DEVELOPER'S AGREEMENT. THE DEVELOPER SHALL BE FULLY RESPONSIBLE FOR IDENTIFYING CONFLICTS AND MODIFYING THEIR DESIGNS TO FIT THE SITE. MODIFICATIONS NECESSARY TOO SERVE THE SITE WILL BE THE DEVELOPER'S EXTENSE.

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.

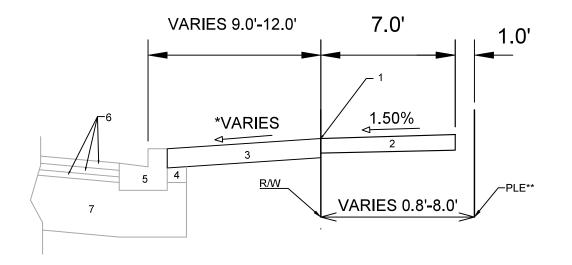
IN LOCATIONS WHERE PAVEMENT RESTORATION IS NOT IDENTIFIED ADJACENT TO CURB AND GUTTER REPLACEMENT, IT IS ASSUMED THAT CURB AND GUTTER WILL BE REPLACED WITHOUT DAMAGING ADJACENT PAVEMENT. IF DAMAGED, THE PAVEMENT RESTORATION LIMITS SHALL BE EXTENDED BY THE CITY CONSTRUCTION ENGINEER AS NECESSARY TO MEET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

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STANDARD NOTES	70601	-		-
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		MARK	REVISION	
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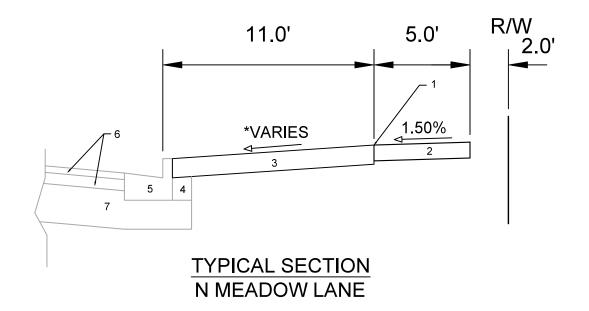


SPECIAL NOTES:

*SEE X-SHEETS FOR CROSS SLOPES
**PUBLIC SIDEWALK AND BIKE PATH EASEMENT DOC. 2414962

TYPICAL SECTION UNIVERSITY AVENUE

- 1 POINT REFERRED TO ON PROFILE FOR F.W.
- 2 5" CONCRETE SIDEWALK
- 3 6" TOPSOIL, SEED
- 4 EX. FILL TO REMAIN, INSTALL AT CURB REPLACEMENT LOCATIONS
- 5 EX. TYPE "H" 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



SPECIAL NOTES:

*SEE X-SHEETS FOR CROSS SLOPES

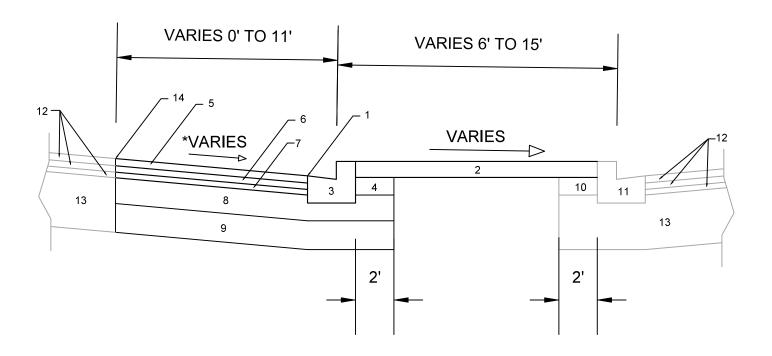
- 1 POINT REFERRED TO ON PROFILE FOR F.W.
- 2 5" CONCRETE SIDEWALK
- 3 6" TOPSOIL, SEED
- 4 EX. FILL TO REMAIN, INSTALL AT CURB REPLACEMENT LOCATIONS
- 5 EX. TYPE "A" CONCRETE CURB & GUTTER, REPLACE AT LOCATIONS IDENTIFIED ON P-SHEETS OR AS DIRECTED BY THE CONSTRUCTION ENGINEER
- 6 EX. PAVEMENT TO REMAIN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



15902 MADISON, WI

15902

D-2



TYPICAL SECTION UNIVERSITY AVENUE WESTBOUND MEDIAN

- 1 POINT REFERRED TO ON PROFILE FOR E.P.
- 2 5" STAMPED & COLORED CONCRETE, STAMP 6X6" COBBLE STONE OR 6" TOPSOIL, SEED SEE SHEET P-3 FOR LOCATIONS
- 3 CONCRETE CURB & GUTTER TYPE 'H'
- 4 FILL
- 5 2.25" H.M.A. PAVEMENT TYPE 4 MT 58-28 S
- 6 2" H.M.A. PAVEMENT TYPE 3 MT 58-28 S
- 7 1.75" H.M.A. PAVEMENT TYPE 4 LT 58-28 S
- 8 8" CRUSHED AGGREGATE BASE COURSE GRADATION 2
- 9 9" CRUSHED AGGREGATE BASE COURSE GRADATION 1
- 10 EX. FILL TO REMAIN, INSTALL AT CURB REPLACEMENT LOCATIONS
- 11 EX. TYPE "H" CONCRETE CURB & GUTTER, REPLACE AT LOCATIONS IDENTIFIED ON P-SHEETS OR AS DIRECTED BY THE CONSTRUCTION ENGINEER
- 12 EX. PAVEMENT TO REMAIN
- 13 EX. ROAD BASE TO REMAIN
- 14 PAVEMENT SAWCUT

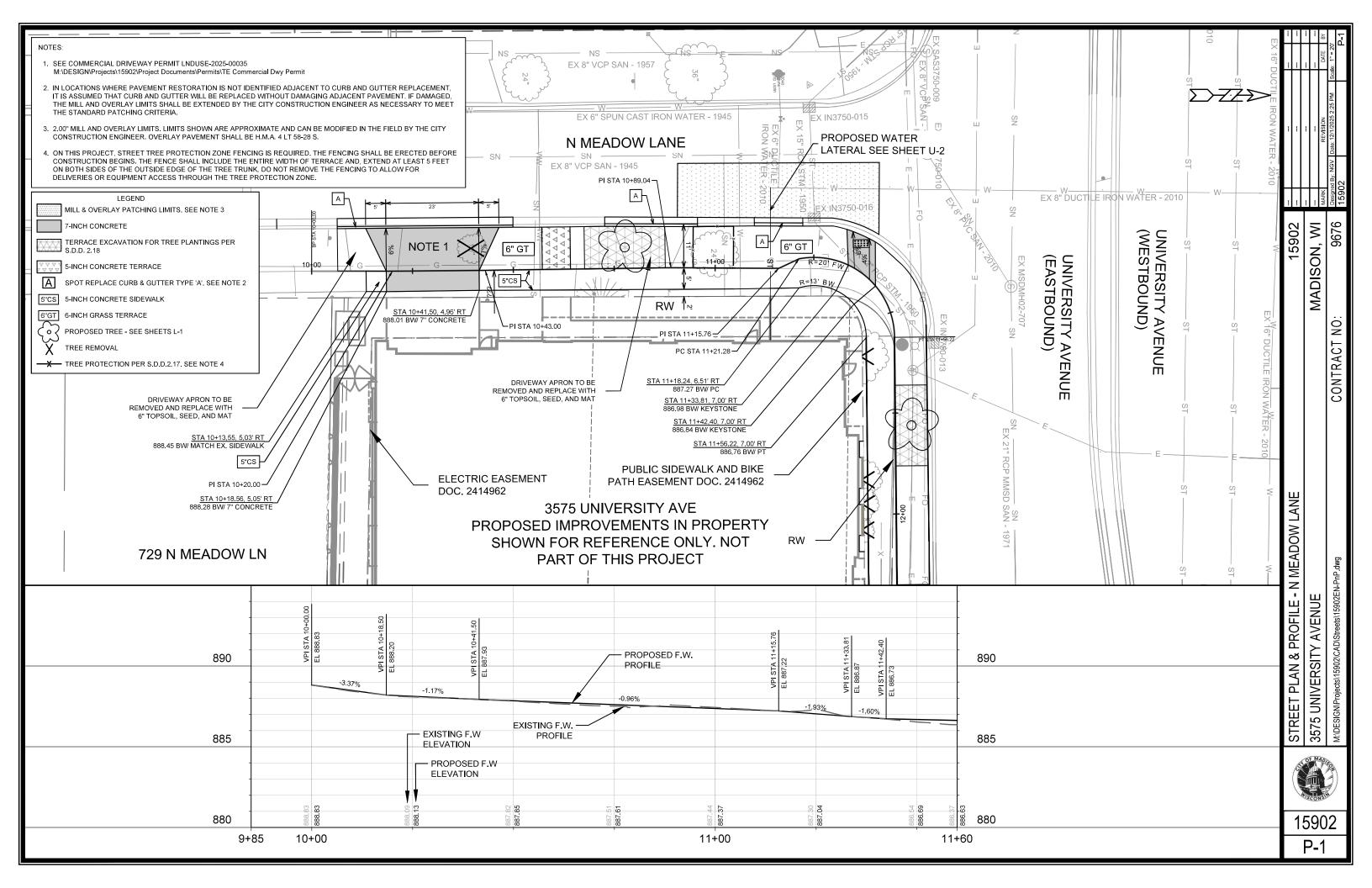
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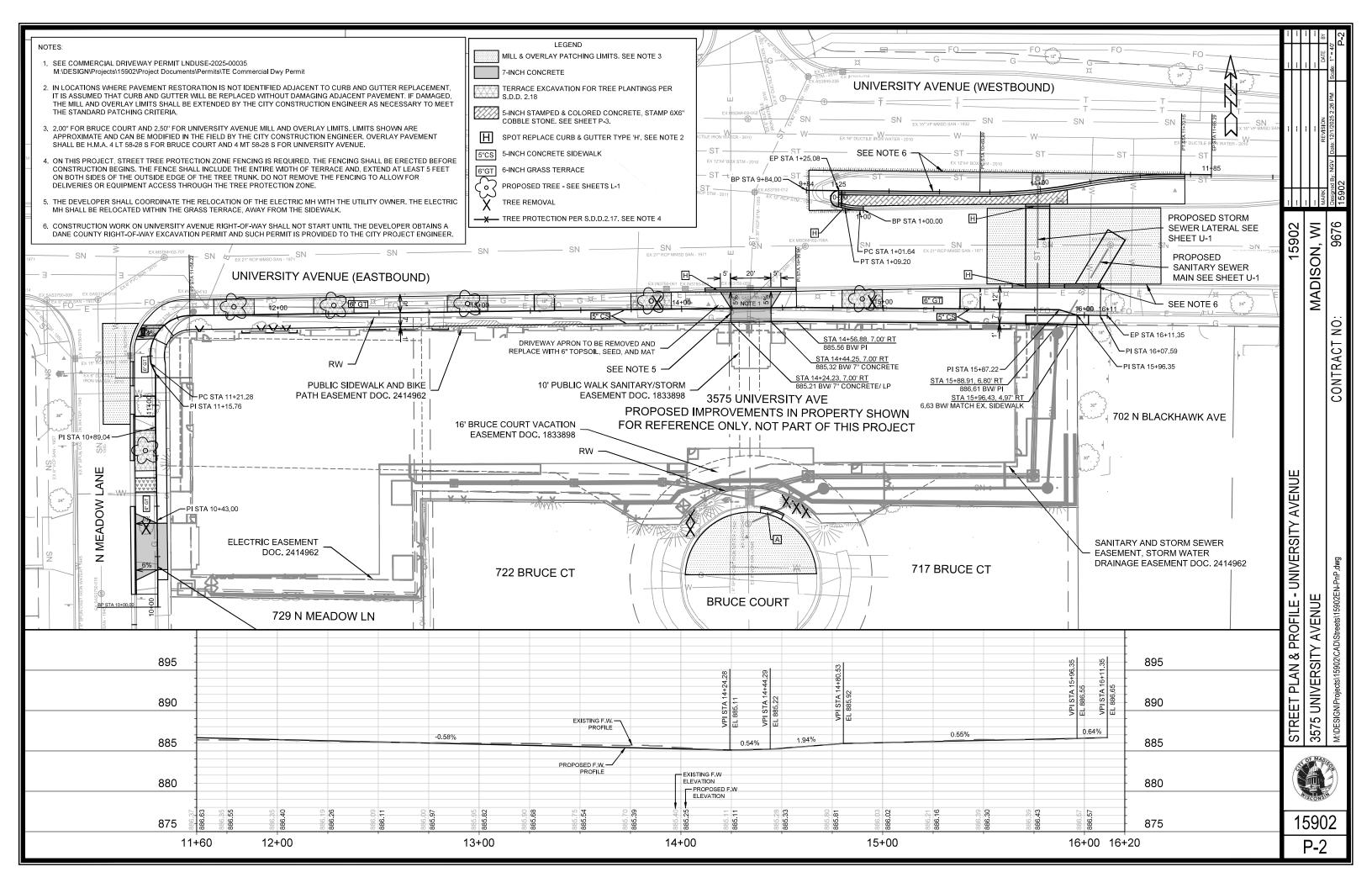
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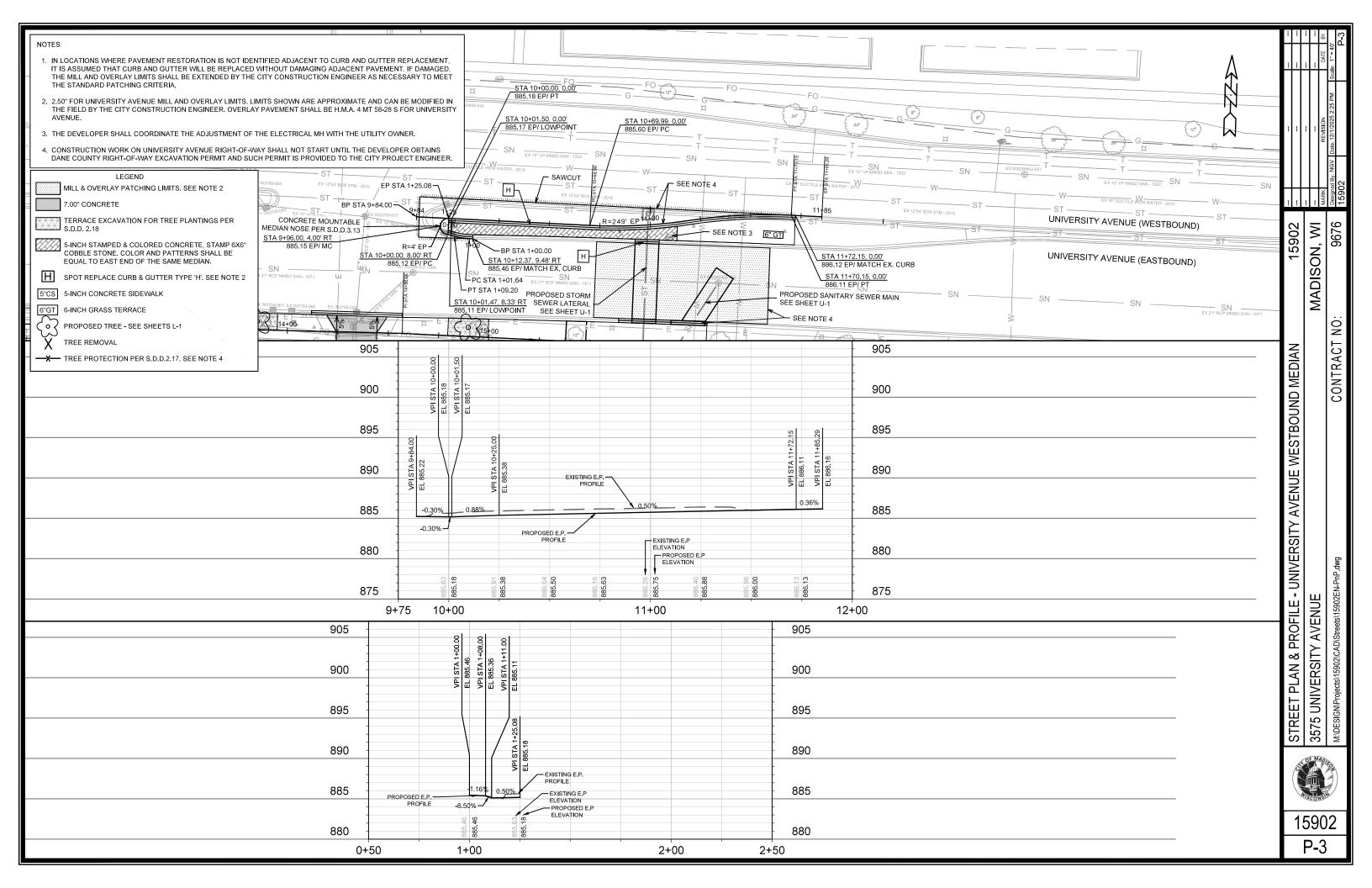
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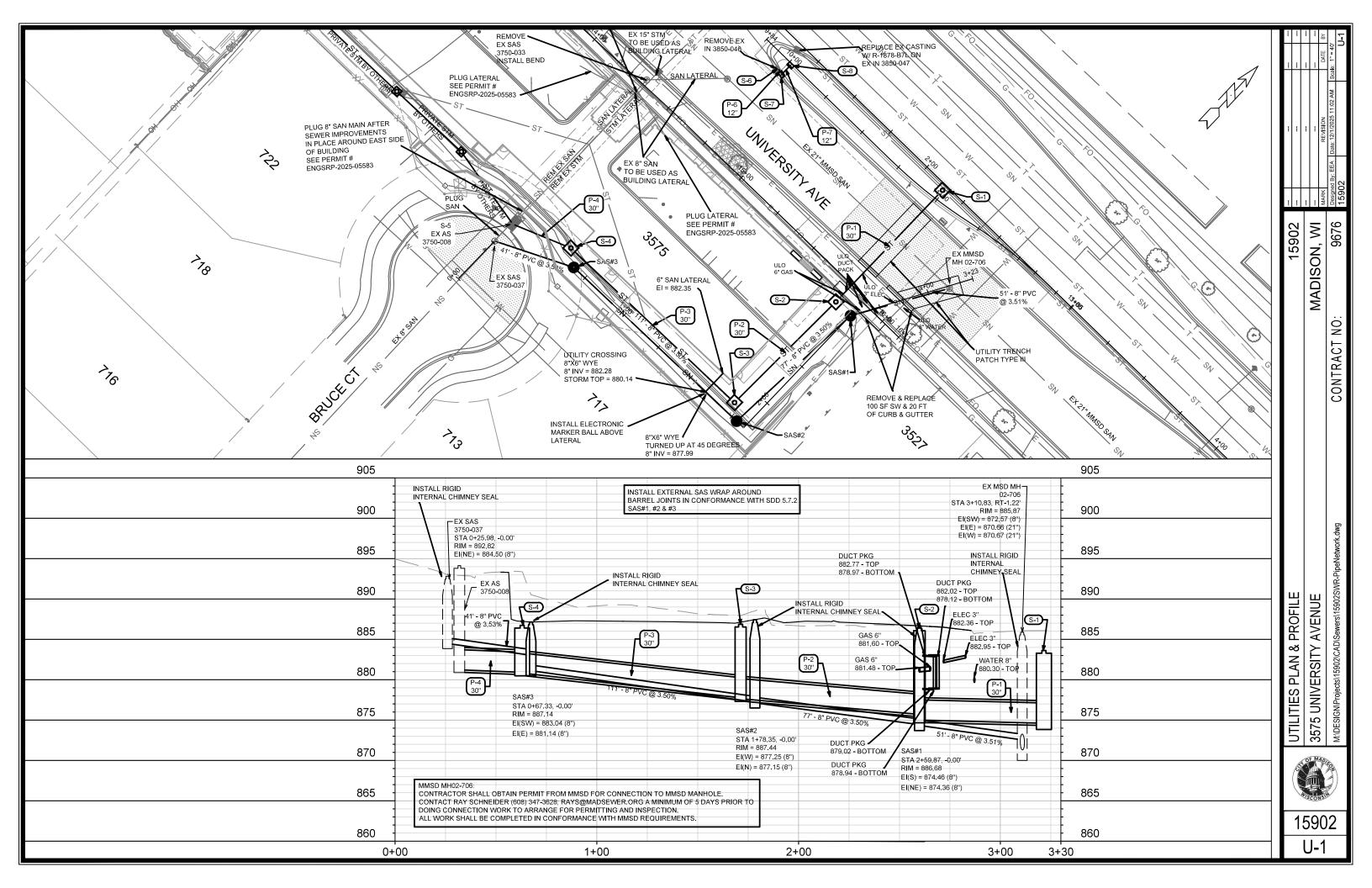
SPECIAL NOTES:

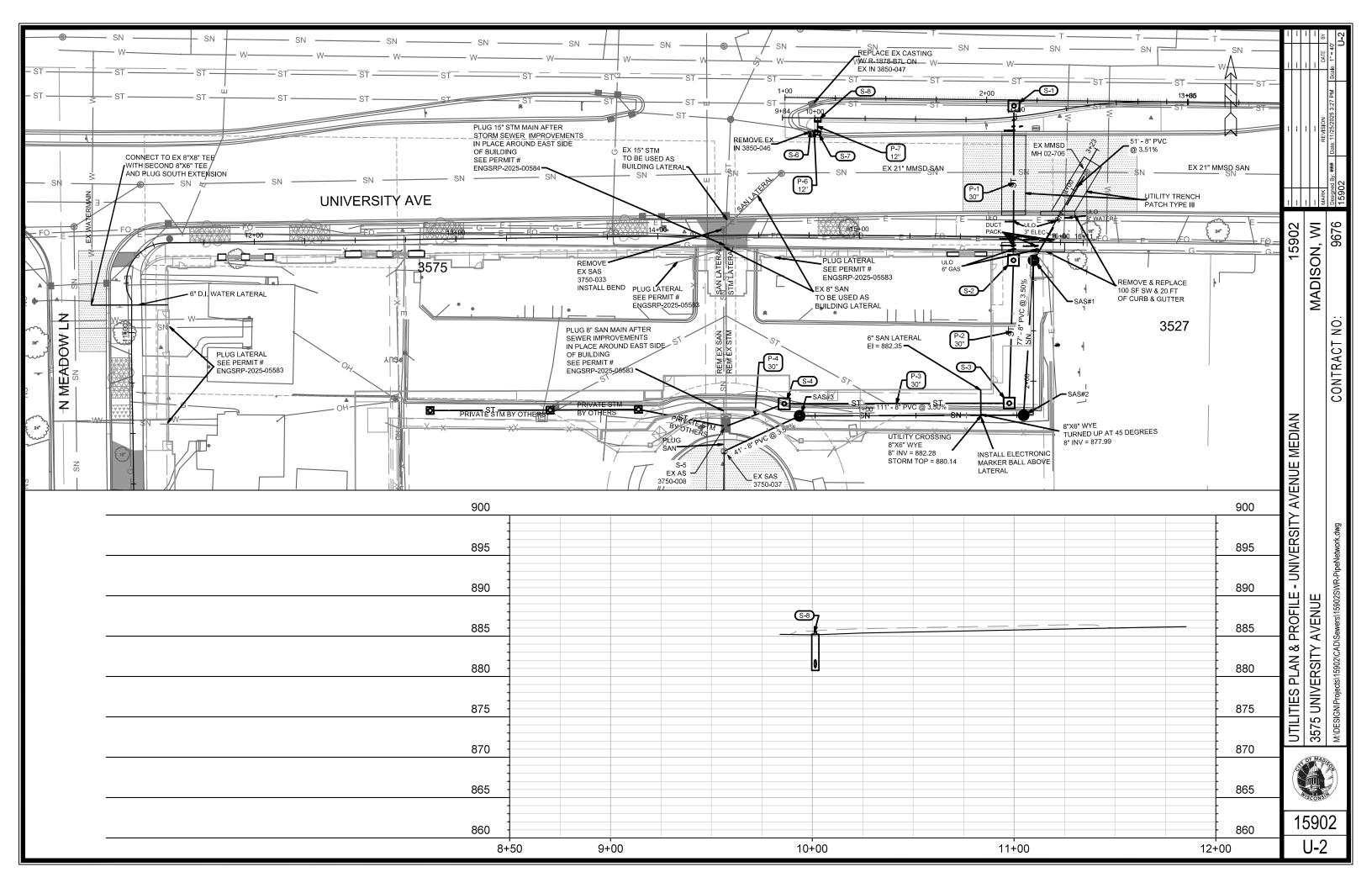
*SEE X-SHEETS FOR CROSS SLOPES











SANITARY SEWER SCHEDULE

3575 UNIVERSITY AVENUE SHEET NO. PROJECT NO. 15902 U-SCH

NOTES

CITY OF MADISON

SANITARY SEWER SCHEDULE

PVC

PROPOSED SANITARY STRUCTURES													
SAS	STATION	LOCATION	TOP OF	E.I.	DEPTH	NOTES							
NO.		(OFFSET)	CASTING		(FT)								
SANITARY													
SAS#1	2+59.87	CL	886.68	874.36	12.32	(2); (3)							
SAS#2	1+78.35	CL	887.44	877.15	10.29	(2); (3)							
SAS#3	0+67.33	CL	887.14	881.14	6.00	(2); (3)							

SANITARY STRUCTURE REMOVALS

DDODOCED CANITADY CEDUCATIONS

STATION LOCATION ID NO. (OFFSET)

SAS 3750-033 14+32.73 LT-2.11

SPECIFIC NOTES

- (1) CONTRACTOR SHALL OBTAIN PERMIT FROM MMSD FOR CONNECTION TO MMSD MANHOLE.
- CONTACT RAY SCHNEIDER (608) 347-3628, RAYS@MADSEWER.ORG A MINIMUM OF 5 DAYS PRIOR TO DOING CONNECTION WORK
- TO ARRANGE FOR PERMITTING AND INSPECTION. ALL WORK SHALL BE COMPLETED IN CONFORMANCE WITH MMSD REQUIREMENTS.
- (2) INSTALL RIGID INTERNAL CHIMNEY SEAL IN CONFORMANCE WITH SDD 5.7.17
- (3) INSTALL EXTERNAL SAS WRAP AROUND BARREL JOINTS IN CONFROMANCE WITH SDD 5.7.2

PROPOSED SANITARY PIPES TO

(UPSTM)	E.I.	E.I.	LGTH (FT)	(%)	SIZE	TYPE	
SAS#1	872.57	874.36	51	3.51%	8"	SDR-35	(1)
SAS#2	874.46	877.15	77	3.50%	8"	SDR-35	-
SAS#3	877.25	881.14	111	3.50%	8"	SDR-35	-
EX SAS 3750-037	883.04	884.50	41	3.53%	8"	SDR-35	-
	SAS#1 SAS#2 SAS#3	SAS#1 872.57 SAS#2 874.46 SAS#3 877.25	SAS#1 872.57 874.36 SAS#2 874.46 877.15 SAS#3 877.25 881.14	SAS#1 872.57 874.36 51 SAS#2 874.46 877.15 77 SAS#3 877.25 881.14 111	SAS#1 872.57 874.36 51 3.51% SAS#2 874.46 877.15 77 3.50% SAS#3 877.25 881.14 111 3.50%	SAS#1 872.57 874.36 51 3.51% 8" SAS#2 874.46 877.15 77 3.50% 8" SAS#3 877.25 881.14 111 3.50% 8"	SAS#1 872.57 874.36 51 3.51% 8" SDR-35 SAS#2 874.46 877.15 77 3.50% 8" SDR-35 SAS#3 877.25 881.14 111 3.50% 8" SDR-35

PLAN

SLOPE

PIPF

UPSTRM

SANITARY PIPE REMOVALS

REMOVE FROM	REMOVE TO	LENGTH (FT)	SIZE	TYPE	NOTES
SAS 3750-037	SAN LATERAL	66' APPROX	8"	CL	-

DWNSTRM

NOTES:

- ALL STRUCTURES SHALL BE SUBMITTED TO CITY ENGINEERING FOR APPROVAL. CONTACT ELIA E ACOSTA OF CITY ENGINEERING AT (608) 266-4096 FOR PRECAST APPROVALS, FAX SHOP DRAWINGS TO (608)264-9275, OR EMAIL SHOP DRAWINGS TO EACOSTA@CITYOFMADISON.COM.

PROPOS	ED STORM	STRUCTUE	RES					PROPOSED	STORM PIP	<u>ES</u>								
STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING		DEPTH	NOTES	PIPE NO.	FROM (DNSTM)	TO (UPSTM)	DISCH. E.I.	INLET E.I.	PLAN (PAY) LGTH (FT)	PIPE LGTH (FT)	SLOPE (%)	PIPE SIZE	TYPE	NOTES
STORM								STORM										
S-1 S-2 S-3 S-4 S-5	3+21.59 2+59.86 1+71.23 0+62.96 0+31.87	LT-46.32 LT-10.00 LT-6.00 LT-8.66 LT-10.81	5X5 SAS 5X5 SAS 5X5 SAS 5X5 SAS STM TAP	883.61 886.39 886.87 886.74	874.62 875.00 877.65 880.82 881.22	8.99 11.39 9.22 5.92	W/ R-1550- W/ R-1550- W/ R-1550- W/ R-1550- EX AS 3750-008	P-1 P-2 P-3 P-4	S-1 S-2 S-3 S-4	S-2 S-3 S-4 EX AS 3750-008	874.62 875.70 877.75 880.92	875.00 877.65 880.82 881.22	77 71 112 31	72 66 107 27	0.53% 2.95% 2.87% 1.11%	30" 30" 30" 30"	TYPE I TYPE I TYPE I TYPE I	-
UNIVERSITY A	AVE							UNIVERSITY AVE										
S-6 S-7 S-8	9+98.16 10+01.47 10+01.50	RT-6.26 RT-7.31 RT-1.00	FIELD BENI H INLET H INLET	D - 885.49 885.57	880.90 881.04 881.08	- 4.45 4.49	- LP; W/ R-3067-7004-VB LP; W/ R-3067-7004-VB	P-6 P-7	S-6 S-7	S-7 S-8	880.90 881.04	881.04 881.08	3 6	2 4	7.00% 1.00%	12" 12"	TYPE I TYPE II	
STORM S	TRUCTUR	E REMOVA	<u>LS</u>					STORM PIP	E REMOVAL	<u>s</u>								
ID NO.	STATION	LOCATION (OFFSET)	TYPE	NOTES				REMOVE FROM	REMOVE TO	LENGTH (FT)	SIZE	TYPE	NOTES					
IN 3850-046	RT-7.48	RT-0.85	H INLET	-				AS 3750-008	STM LATERAL	56' APPROX	15"	VP	-					

STANDARD NOTES:

-PLAN LENGTH (PAY LENGTH) IS FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE. PIPE LENGTH IS ACTUAL LENGTH OF PIPE FROM STRUCTURE WALL TO STRUCTURE WALL. SLOPE CALCULATED USING PIPE LENGTH.

- 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; UD = UNDERDRAIN

- 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.
- 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 FIELD POURED SAS STORM STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DETAIL DRAWING 5.7.3. ALL PRECAST SAS STORM STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DETAIL DRAWING 5.7.5.

- 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 ELIA E ACOSTA OF CITY ENGINEERING AT (608) 266-4096 FOR STORM SEWER PRECAST APPROVALS, FAX SHOP DRAWINGS TO (608)264-9275, OR EMAIL SHOP DRAWINGS TO EACOSTA@CITYOFMADISON.COM.

