

CITY OF MADISON CITY ENGINEERING DIVISION DEPARTMENT OF PURPLIC WORKS

CITY ENGINEERING DIVISION DEPARTMENT OF PUBLIC WORKS PLAN OF PROPOSED IMPROVEMENT

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NO MAINTENANCE PLAN REQUIRED

1235 REGENT STREET

CITY PROJECT NO. 14945 CONTRACT NO. 9391

PROJECT
LOCATION

RANDALL
REGENT ST

SPRING ST

SPRING

PUBLIC IMPROVEMENT PROJECT APPROVED

JUNE 18, 2024

BY THE COMMON COUNCIL OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN APPROVED BY:

FILL FO

Feb 26, 2025

City Engineer

Date

STREET DESIGNED BY:



Feb 26, 2025

SANITARY SEWER DESIGNED BY:

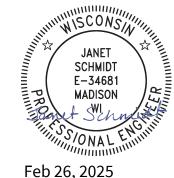


Feb 26, 2025

WATER DESIGNED BY:

> LATERAL ONLY

STORM SEWER DESIGNED BY:



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ALL PROPOSED STREET TREE REMOVALS WITHIN THE RIGHT OF WAY SHALL BE REVIEWED BY CITY FORESTRY BEFORE THE PLAN COMMISSION MEETING. STREET TREE REMOVALS REQUIRE APPROVAL AND A TREE REMOVAL PERMIT ISSUED BY CITY FORESTRY. ANY STREET TREE REMOVALS REQUESTED AFTER THE DEVELOPMENT PLAN IS APPROVED BY THE PLAN COMMISSION OR THE BOARD OF PUBLIC WORKS AND CITY FORESTRY WILL REQUIRE A MINIMUM OF A 72-HOUR REVIEW PERIOD WHICH SHALL INCLUDE THE NOTIFICATION OF THE ALDERPERSON WITHIN WHO'S DISTRICT IS AFFECTED BY THE STREET TREE REMOVAL(S) PRIOR TO A TREE REMOVAL PERMIT BEING ISSUED.

AS DEFINED BY THE SECTION 107.13 OF CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION: NO EXCAVATION IS PERMITTED WITHIN 5 FEET OF THE TRUNK OF THE STREET TREE OR WHEN CUTTING ROOTS OVER 3 INCHES IN DIAMETER. IF EXCAVATION IS NECESSARY, THE CONTRACTOR SHALL CONTACT MADISON CITY FORESTRY (266-4816) PRIOR TO EXCAVATION. CITY OF MADISON FORESTRY PERSONNEL SHALL ASSESS THE IMPACT TO THE TREE AND TO ITS ROOT SYSTEM PRIOR TO WORK COMMENCING. TREE PROTECTION SPECIFICATIONS CAN BE FOUND ON THE FOLLOWING WEBSITE: HTTPS://WWW.CITYOFMADISON.COM/BUSINESS/PW/SPECS.CFM

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 PROJECT ENGINEER AND STREET DESIGNER IKE OKAFOR AT IOKAFOR@CITYOFMADISON.COM FOR CAD AND ALIGNMENT DATA PRIOR TO STAKING.

CONVENTIONA.	
FIELD VERIFY ALL UTIL	ITY LOCATIONS
GAS	—— G ——
STORM SEWER	—— ST ——
SANITARY SEWER	———SAN———
WATER	—— w ——
BURIED ELECTRIC	—— Е ——
OVERHEAD ELECTRIC	——— OH———
POWER POLE	
ADA COMPLIANT RAMP	W/
DETECTABLE WARNING	FIELD
COMBUSTIBLE FLUIDS	

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.

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 MILL AND OVERLAY LIMITS SHALL BE EXTENDED BY THE CITY CONSTRUCTION ENGINEER AS NECESSARY TO MEET THE STANDARD PATCHING CRITERIA.

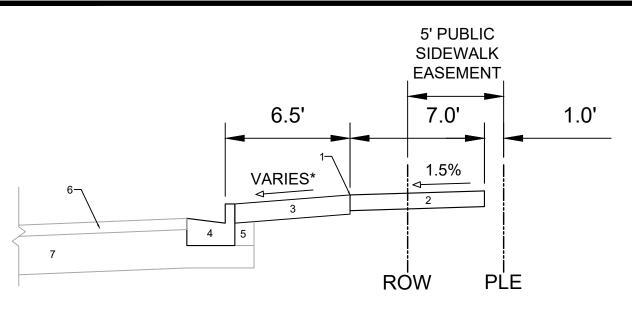
THE DEVELOPER SHALL PERFORM ULOS (UTILITY LINE OPENINGS) TO IDENTIFY ALL POTENTIAL CONFLICTS FOR UNDERGROUND UTILITIES NECESSARY TO DETERMINE THE FEASIBILITY OF THE STORM AND / OR SANITARY SEWER CONNECTIONS. THE DEVELOPER SHALL BE FULLY RESPONSIBLE FOR PROVIDING ACCURATE INFORMATION TO INFORM THE DESIGN. MODIFICATIONS NECESSARY TO SERVE THE SITE WILL BE THE DEVELOPER'S EXPENSE.

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AINDARD NOTES	04041	1		-
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35 REGENT STREET	IM NOSIDAM	-		
		MARK	REVISION	
	LOCO . CIN FOAGTIACO	Designed By: EE	Designed By: EEA Date: 2/21/2024 2:30 PM	Scale:
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14945

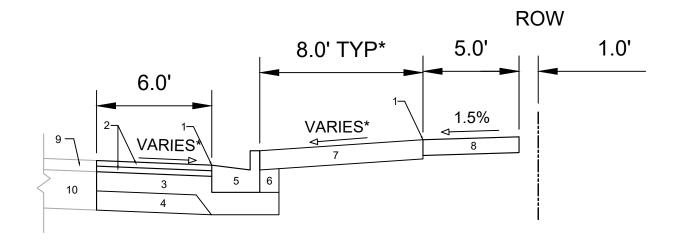
D-1



TYPICAL SECTION REGENT STREET

SEE X-SHEETS FOR CROSS SLOPES AND DIMENSIONS.

- 1 POINT REFERRED TO ON PROFILE
- 2 5" CONCRETE SIDEWALK
- 3 6" TOPSOIL, SEED AND MATTING
- CONCRETE CURB AND GUTTER TYPE 'A'.
- 5 FILL
- 6 EX. PAVEMENT TO REMAIN
- 7 EX. BASE COURSE TO REMAIN

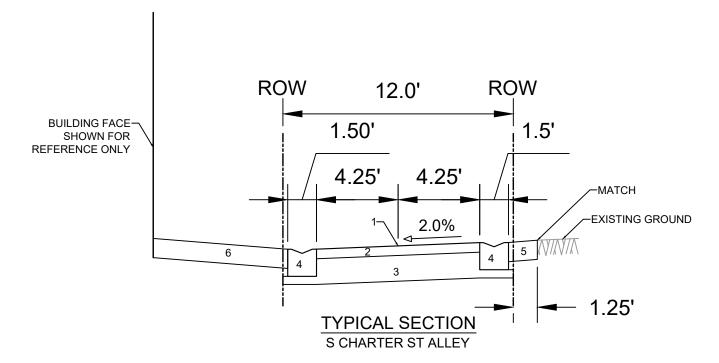


TYPICAL SECTION S ORCHARD STREET

- 1 POINT REFERRED TO ON PROFILE
- 2 1.75" H.M.A. PAVEMENT- TYPE 4 LT 58-28 S
- 3 6" CRUSHED AGGREGATE BASE COURSE GRADATION 2
- 4 6" CRUSHED AGGREGATE BASE COURSE GRADATION 1
- 5 CONCRETE CURB AND GUTTER TYPE 'A'.
- 6 FILL
- 7 6" TOPSOIL, SEED AND MATTING
- 8 5" CONCRETE SIDEWALK
- 9 EX. PAVEMENT TO REMAIN
- 10 EX. BASE COURSE TO REMAIN

SPECIAL NOTES:

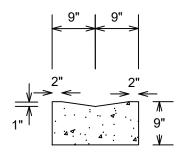
SEE X-SHEETS FOR CROSS SLOPES AND DIMENSIONS.



- 1 POINT REFERRED TO ON PROFILE
- 2 3.0" H.M.A. PAVEMENT- TYPE 4 LT 58-28 S
- 3 10" CRUSHED AGGREGATE BASE COURSE GRADATION 2
- 4 ALLEY GUTTER, SEE DETAIL

SPECIAL NOTES:

- 5 6" TOPSOIL, SEED AND MATTING**
- 6 CONCRETE OR GRASS BY OTHERS, NOT PART OF THIS PLAN



ALLEY GUTTER DETAIL

SPECIAL NOTES:

- * SEE X-SHEETS FOR CROSS SLOPES AND DIMENSIONS.
- ** DEVELOPER SHALL COORDINATE GRADING IN PRIVATE PROPERTY WITH OWNERS BEFORE CONSTRUCTION BEGINS.

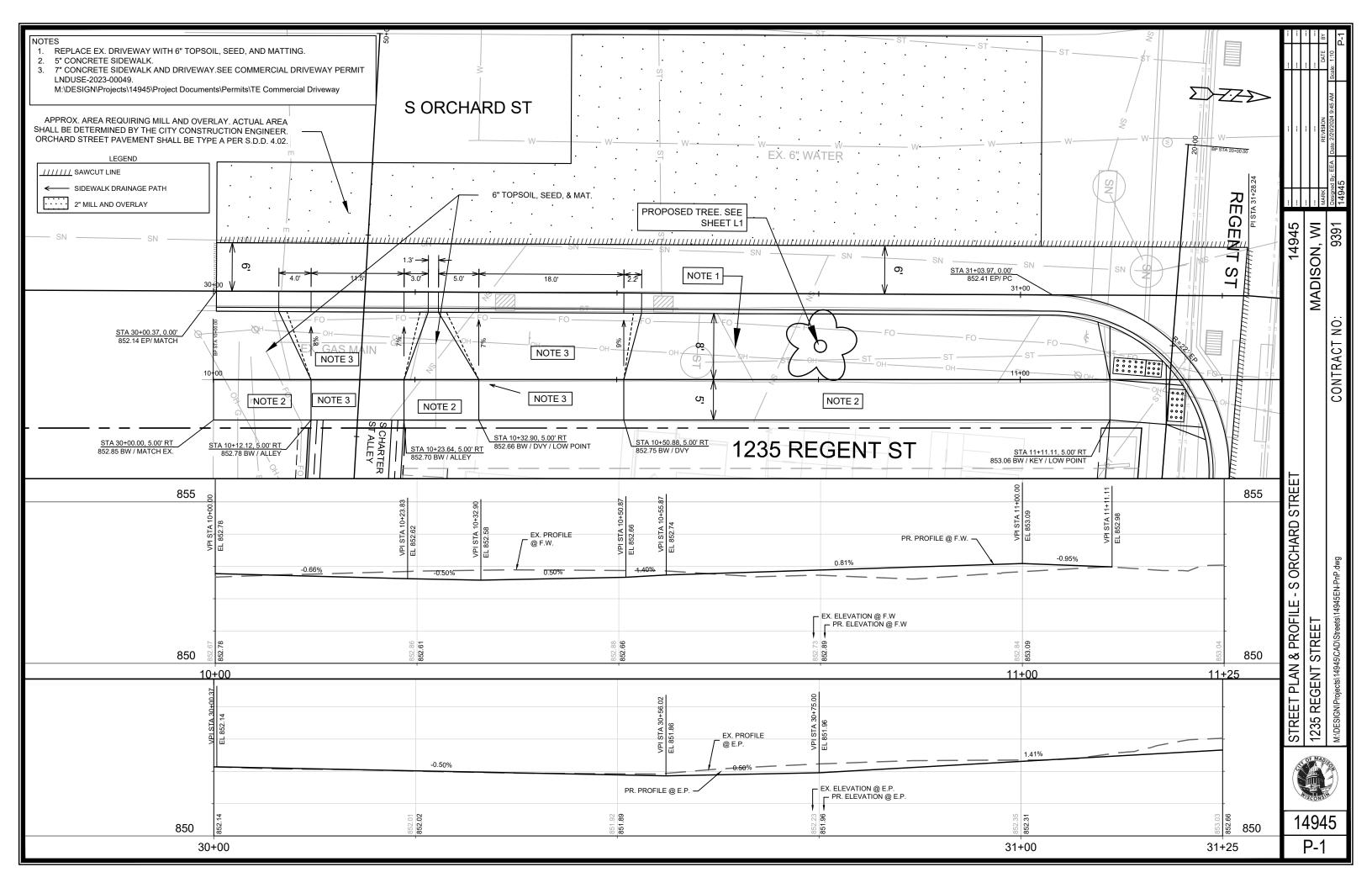


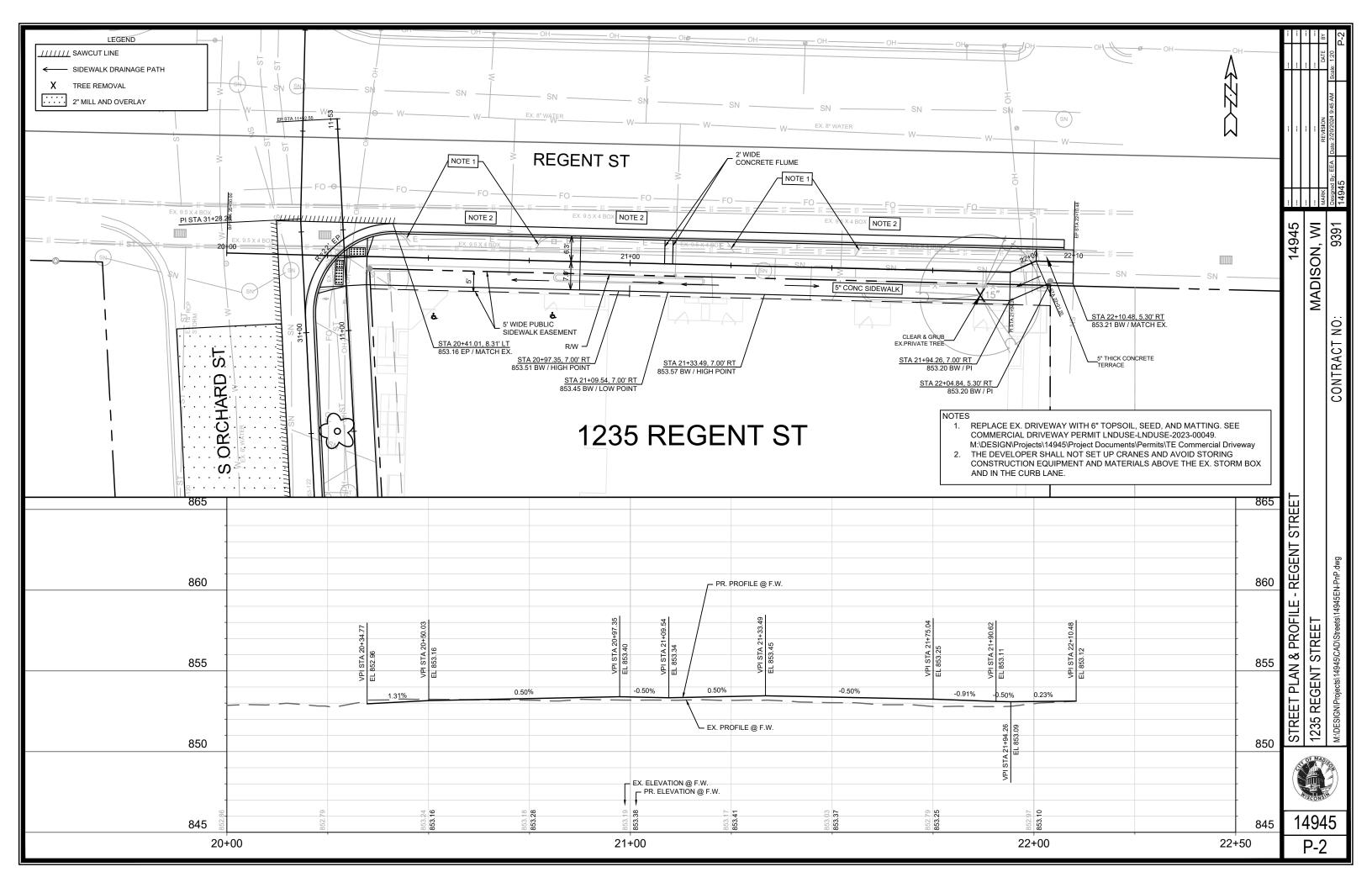
TYPICAL SECTIONS 1235 REGENT STREET

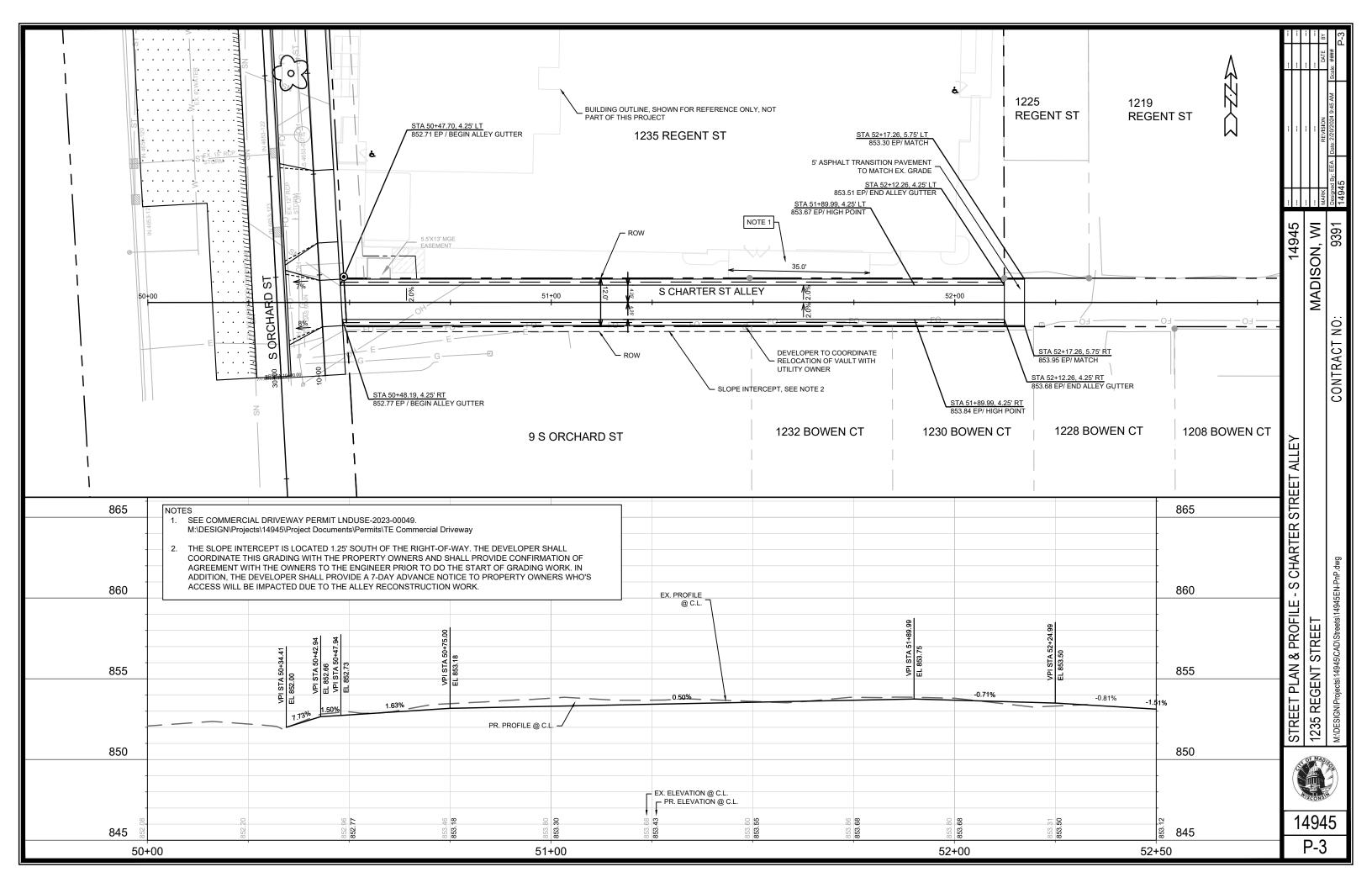
14945 MADISON, WI

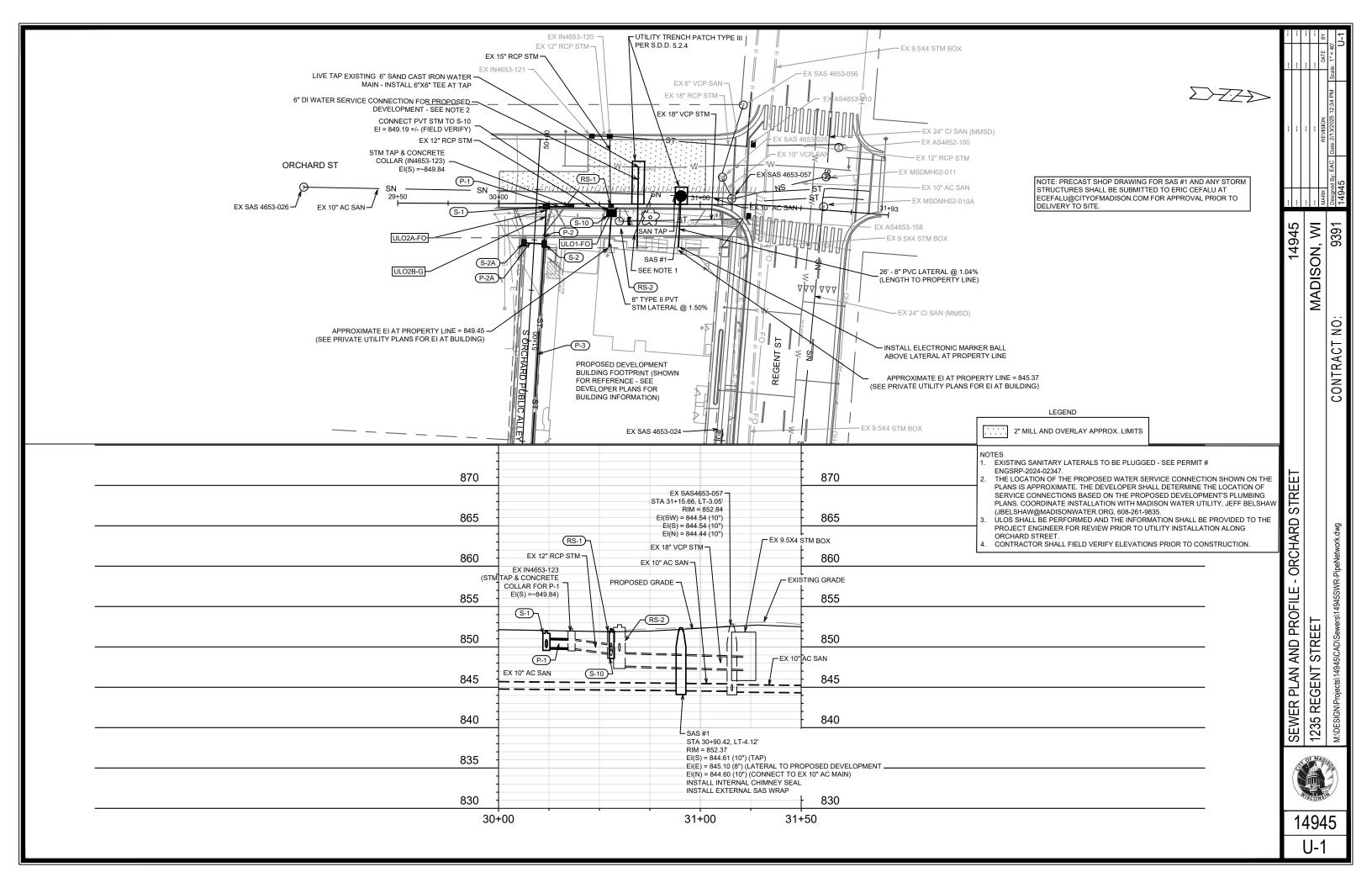
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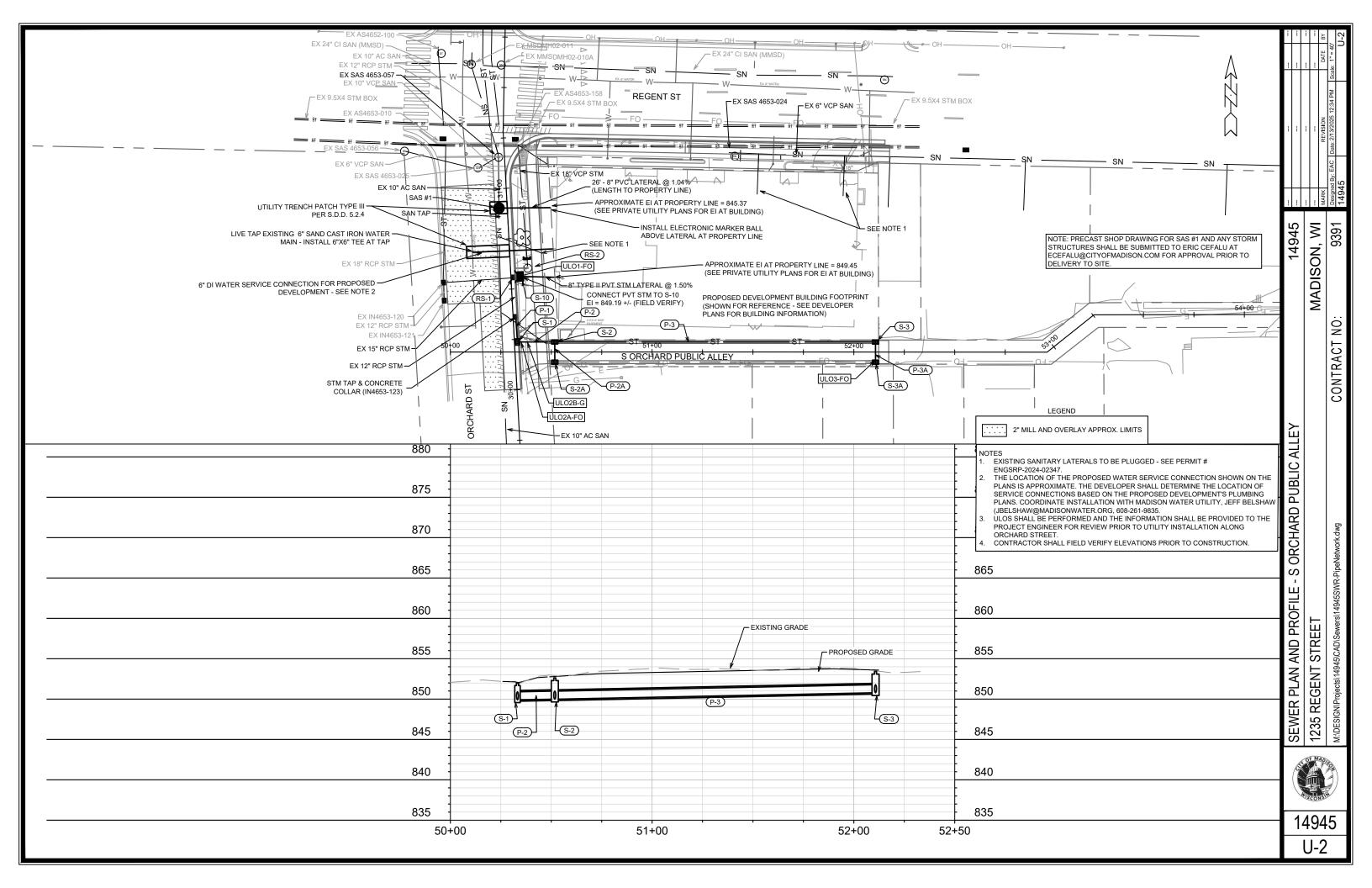
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SEWER	SCHEDULE
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1235 REGENT STREET SHEET NO.
PROJECT NO. 14945 U-3
SEWER SCHEDULE
CITY OF MADISON

TYPE

RCP

RCP

RCP

RCP RCP NOTES

[7]

PIPE

SIZE

12"

12"

12"

12"

12"

PLAN (PAY) PIPE SLOPE

0.67%

0.56%

0.62%

0.51%

0.63%

LGTH (FT) LGTH (FT) (%)

12

10

159

SAS NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH	NOTES						
ORCHARD STREET (ED SAS #1	30+90.42	NT) LT-4.12	852.37	844.60	7.77	[1]; [2]; [3]						
PROPOSED STO	ORM STRUC	CTURES LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES	PROPOSED ST	FROM (DNSTM)	TO (UPSTM)		INLET E.I.
ORCHARD STREET (ED S-1	GE OF PAVEME! 30+23.69	,	H-INLET	852.01	849.90	2.11	[4]; FP; LP; R-3290-A	ORCHARD STREET (EP-1	,	S-1		849.90
S-10	30+56.02	RT-4.60	TERRACE INLET TYPE III	852.15	848.89	3.26	[8]; [9]; [10] FP; LP					
SOUTH CHARTER STRE S-2 S-2A S-3 S-3A	50+51.75 50+51.75 50+51.75 52+10.73 52+10.73	LT-5.00 RT-5.00 LT-5.00 RT-5.00	H-INLET H-INLET H-INLET H-INLET	852.63 852.80 853.43 853.60	849.99 850.04 850.78 850.83	2.64 2.76 2.65 2.77	[5]; R-3362-L [5]; R-3362-L [5]; R-3362-L [5]; R-3362-L	SOUTH CHARTER STI P-2 P-2A P-3 P-3A	S-1 S-2 S-2 S-3	S-2 S-2A S-3 S-3A	849.99 849.99	849.99 850.04 850.78 850.83
STORM STRUCT	TURE REMO	OVALS & A	ABANDONMENTS LOCATION (OFFSET)	TYPE	DEPTH (FT)	NOTES						
ORCHARD STREET (ED RS-1 RS-2	IN4653-122 AS4653-007	NT) 30+55.76 30+59.91	RT-1.36 RT-8.50	H-INLET 5'X7' STORM SAS	3.40 5.10	[11]; [12]						
STORM STRUCTIONO.	TURE ADJU STATION	JSTMENTS LOCATION (OFFSET)	EX TOC	PROP TOC	ADJ (FT)	NOTES		STORM SEWE ULO NO.	R ULOS STATION	LOCATION (OFFSET)	TYPE	NOTES
ORCHARD STREET (ED			0.00	0.5.4.0.5				ORCHARD STREET (E			51555 ASS	
IN4653-123	30+36.16	RT-1.29	852.29	851.97	-0.32	[6]; [7]		ULO1-FO	30+56.02	RT-3.50	FIBER OPTIC	
								SOUTH CHARTER ST ULO2A-FO ULO2B-G	REET ALLEY 50+35.01 50+38.13	LT-5.00 LT-5.00	FIBER OPTIC GAS	

SPECIFIC NOTES

- [1] CONNECT STRUCTURE TO EXISTING 10" AC SANITARY SEWER MAIN (EI(N) = 844.60). TAP STRUCTURE ON THE UPSTREAM CONNECTION (EI(S) = 844.61). CONNECT 8" PVC LATERAL FROM PROPOSED DEVELOPMENT (EI(E) = 845.10).
- [2] INSTALL EXTERNAL SAS WRAP IN CONFORMANCE WITH SDD 5.7.2
- [3] INSTALL INTERNAL CHIMNEY SEAL
- [4] TOP OF CASTING ELEVATION (DRIVEWAY) SET TO MATCH BACK OF CURB FOR ALLEY DRIVEWAY
- [5] TOP OF ALLEY INLET CASTING SET TO MATCH FLOWLINE OF ALLEY CURB. SEE S.D.D. 5.7.33.
- [6] REPLACE EXISTING STRUCTURE CASTING WITH DRIVEWAY CASTING (R-3290-A)
- [7] STORM TAP EX IN4653-123 FOR CONNECTION TO P-1, EI(S) = 849.84, INSTALL CONCRETE COLLAR
- [8] CONNECT PVT STM FROM PROPOSED DEVELOPMENT, EI(E) = 849.19 +/-, FIELD VERIFY
- [9] CONNECT TO EXISTING STORM SEWER: EI(W) = 848.89 (15"), EI(S) = 849.19 (12"), EI(N) = 849.49 (12" CONTRACTOR TO VERIFY NORTHERN CONNECTION IS ACTIVE BEFORE CONNECTING TO S-10)
- [10] TOP OF CASTING ELEVATION (TERRACE INLET) SET 0.2' BELOW PROPOSED TOP OF CURB AT LOCATION IN ACCORDANCE WITH SDD 5.7.12B
- [11] ASSUMED THAT EXISTING WESTERN 12" PVC CONNECTION INTO RS-2 IS INACTIVE. CONTRACTOR TO VERIFY THAT CONNECTION IS INACTIVE PRIOR TO STRUCTURE REMOVAL
- [12] PLUG EXISTING PIPE TO THE NORTH (TOWARDS REGENT ST. BOX CULVERT) FOLLOWING REMOVAL

STANDARD NOTES:

- 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
- 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.
- TOP OF CASTING GRADE GIVEN IS THE TOP OF CURB FOR INLET STRUCTURES AND THE FLOWLINE OF THE CLOSED CASTING FOR SAS.
- $\ensuremath{\mathsf{APPROXIMATE}}$ DISCHARGE E.I. GIVEN, ADJUST E.I. AND PIPE SLOPE IN THE FIELD.
- ALL REINFORCED CONCRETE PIPES TO BE CLASS 3 UNLESS OTHERWISE NOTED.

-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 STORM OR SANITARY (NOT INDICATED AS FIELD POURED) SHALL BE SUBMITTED TO CITY ENGINEERING FOR APPROVAL ECEFALU@CITYOFMADISON.COM ((608) 243-5894).

- -ALL REBAR FOR FIELD POURED STRUCTURES SHALL BE EPOXY COATED. ANY EXPOSED STEEL SHALL BE TOUCHED UP OR RECOATED PRIOR TO USE.
- SURVEYOR TO CONFIRM THAT ALL INLET STATION / OFFSETS LINE UP WITH PROPOSED CURB AND GUTTER.

RT-4.13 FIBER OPTIC

ULO3-FO

52+10.73

