

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. G11	PUBLIC STORMWATER OVERFLOW SWALE
SHEET NO. G12-G13	PUBLIC STORMWATER OVERFLOW CROSS SECTIONS
SHEET NO. U1-U2	SANITARY SEWER PLAN & PROFILE
SHEET NO. U3	SANITARY SEWER SCHEDULE
SHEET NO. U4-U5	EXISTING STORM SEWER PLAN & PROFILE
SHEET NO. U6-U9	STORM SEWER PLAN & PROFILE
SHEET NO. U10	STORM SEWER SCHEDULE
SHEET NO. U11	TERRACE INLET DETAIL
SHEET NO. MN1	MAINTENANCE PLAN (CITY USE ONLY)

## 1437 N SHERMAN AVE - SHERMAN/SHABAZZ

CITY PROJECT NO. 16035  
CONTRACT NO. 9710

PROJECT  
LOCATION



PUBLIC IMPROVEMENT PROJECT  
APPROVED

JANUARY 13, 2026

BY THE COMMON COUNCIL  
OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN  
APPROVED BY:

ENG- Greg Fries 02/26/2026

ENG- Greg Fries (Feb 26, 2026 13:16:14 CST)

City Engineer Date

SANITARY SEWER  
DESIGNED BY:



02/26/2026

STORM SEWER  
DESIGNED BY:



02/26/2026

PLT SCALE: 1 IN = 1 FT XREF

PLT NAME: ---

REV. DATE: 2/26/2026 3:31 PM

ORIGINATOR: CITY\_OF\_MADISON





CREATE THE VISION TELL THE STORY

jsdinc.com

MADISON REGIONAL OFFICE  
507 WEST VERONA AVENUE, SUITE 500  
VERONA, WISCONSIN 53593  
P. 608.848.5060

CLIENT:  
**Madison Metro School District**

CLIENT ADDRESS:  
545 West Dayton Street  
Madison, WI 53703

PROJECT:  
**Sherman Middle School & Malcolm Shabazz City High School**  
CITY PROJECT #: 16035; CONTRACT #: 9710

PROJECT LOCATION:  
1522 Ruskin St/1437 N Sherman Ave  
Madison, WI 53704  
Dane County

PLAN MODIFICATIONS:

#	Date:	Description:
1	01.05.26	NOT FOR CONSTRUCTION
2	01.16.26	FINAL STORM REVIEW
3	01.29.26	NFC REVISIONS
4	02.03.26	NFC REVISIONS
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		

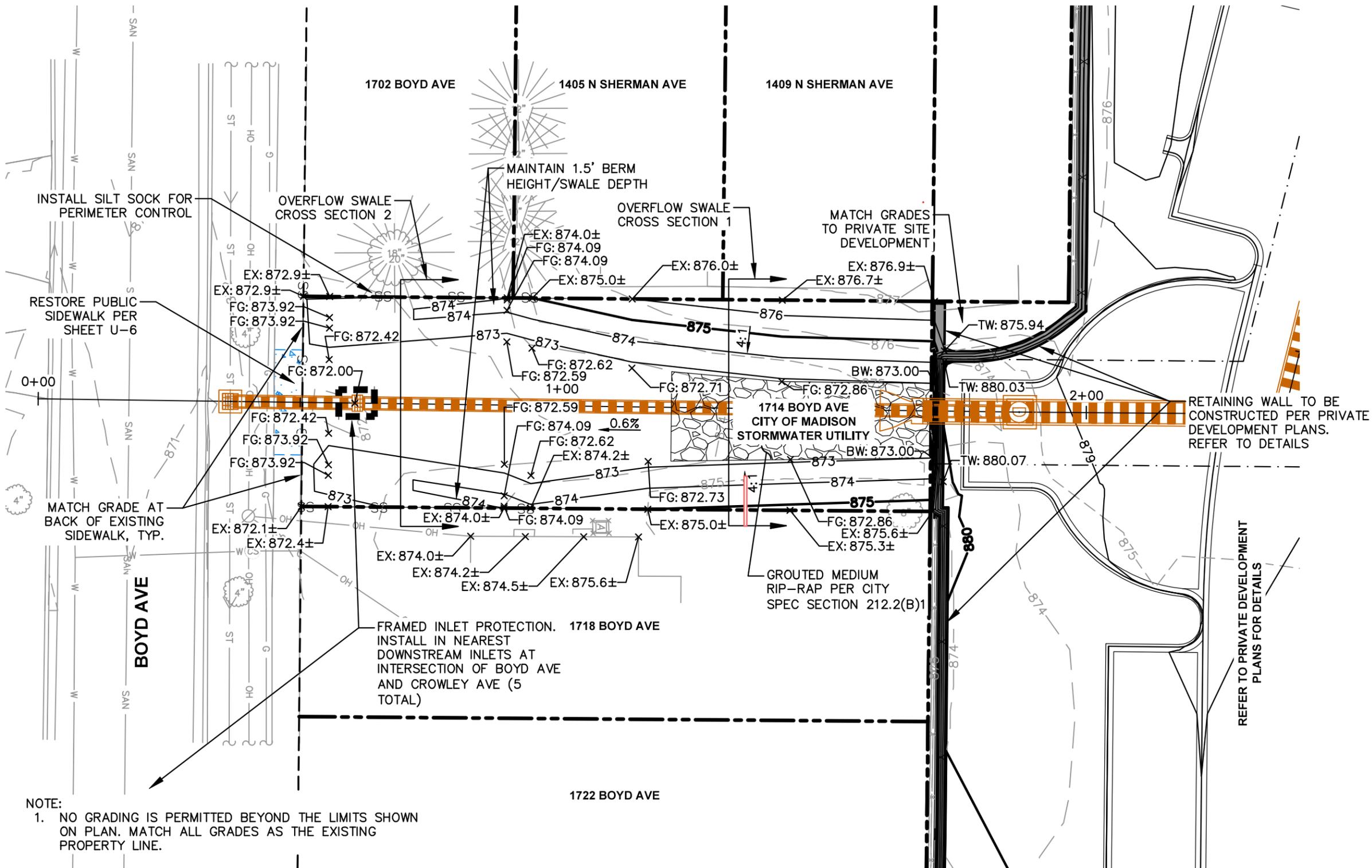
Designed By: CAC  
Reviewed By: MRH  
Approved By: MRH

SHEET TITLE:  
**PUBLIC STORMWATER OVERFLOW SWALE**

SHEET NUMBER:

**GI-1**

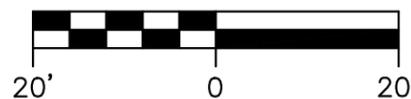
JSD PROJECT NO: 24-14661-PUB



NOTE:  
1. NO GRADING IS PERMITTED BEYOND THE LIMITS SHOWN ON PLAN. MATCH ALL GRADES AS THE EXISTING PROPERTY LINE.



SCALE IN FEET



Toll Free (800) 242-8511



CREATE THE VISION TELL THE STORY

[jsdinc.com](http://jsdinc.com)

MADISON REGIONAL OFFICE  
507 WEST VERONA AVENUE, SUITE 500  
VERONA, WISCONSIN 53593  
P. 608.848.5060

CLIENT:  
**Madison Metro School District**

CLIENT ADDRESS:  
545 West Dayton Street  
Madison, WI 53703

PROJECT:  
**Sherman Middle School & Malcolm Shabazz City High School**  
CITY PROJECT #: 16035; CONTRACT #: 9710

PROJECT LOCATION:  
1522 Ruskin St/1437 N Sherman Ave  
Madison, WI 53704  
Dane County

PLAN MODIFICATIONS:

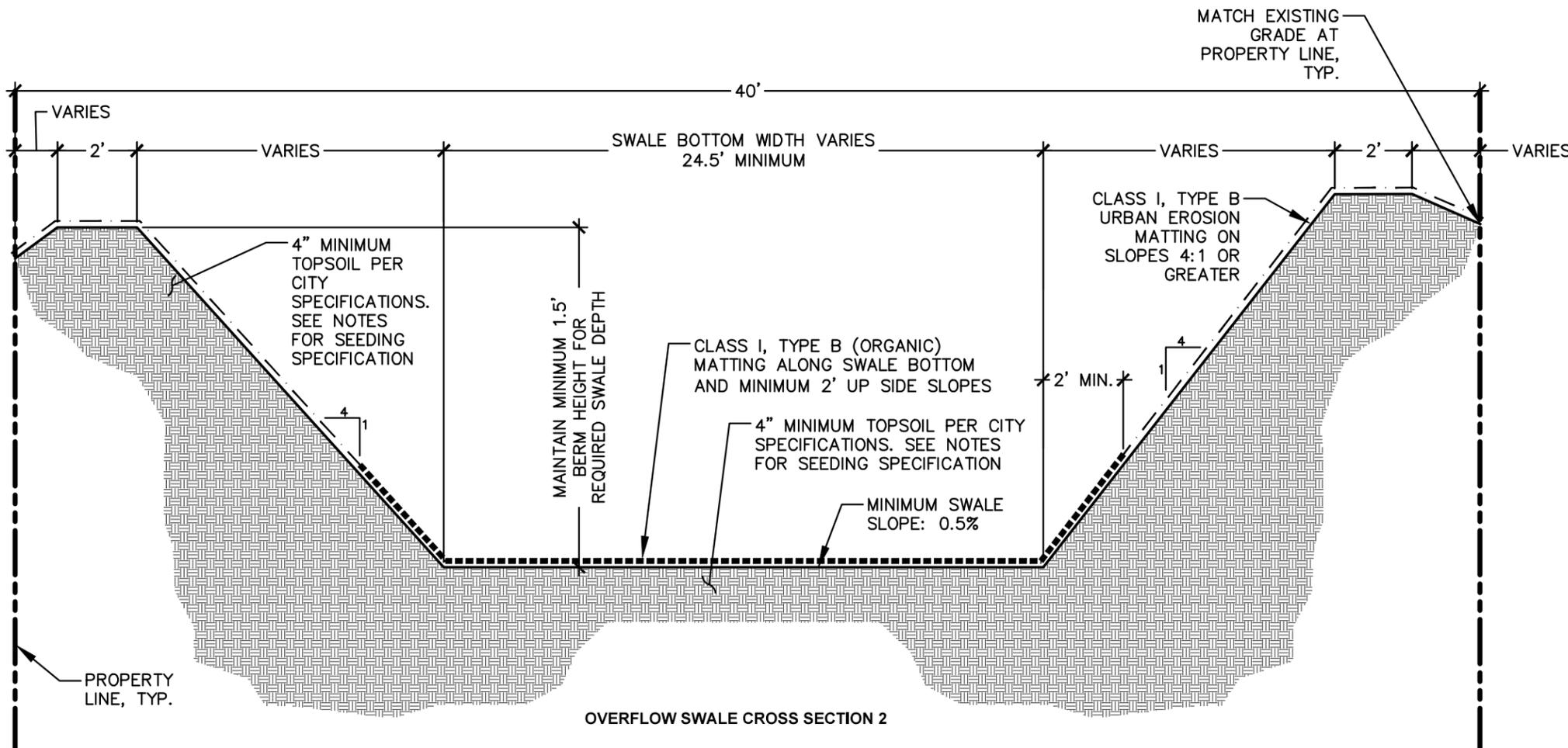
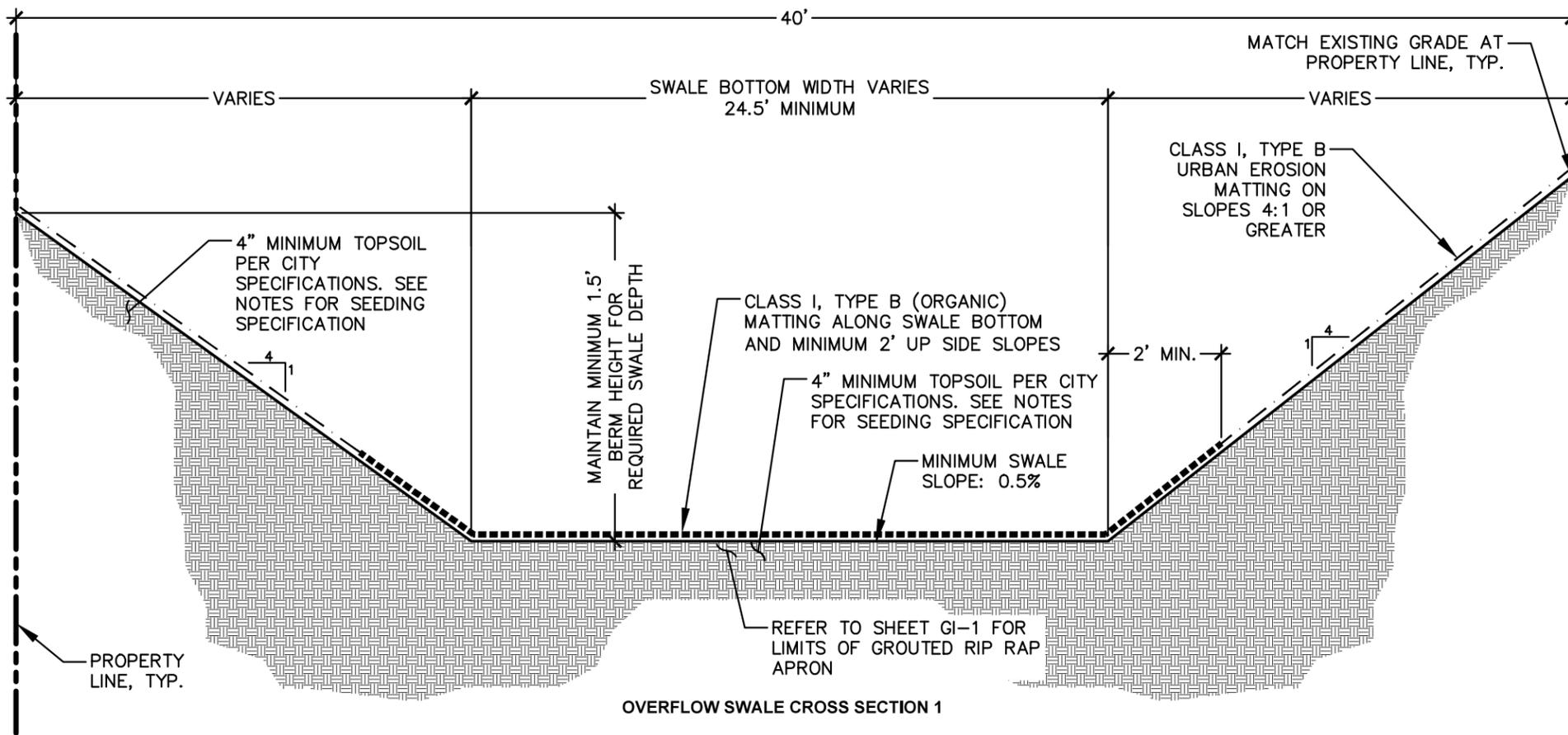
#	Date:	Description:
1	01.05.26	NOT FOR CONSTRUCTION
2	01.16.26	FINAL STORM REVIEW
3	01.29.26	NFC REVISIONS
4	02.03.26	NFC REVISIONS
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		

Designed By: CAC  
Reviewed By: MRH  
Approved By: MRH

SHEET TITLE:  
**PUBLIC STORMWATER OVERFLOW SWALE CROSS SECTIONS**

SHEET NUMBER:  
**GI-2**

JSD PROJECT NO: 24-14661-PUB



**SEEDING NOTES**

1. SEED PER CITY STANDARD SPECS USING TERRACE SEED MIX (SUN) - SUN MIX #3 "SURVIVOR TURFGRASS MIX" OR #4 "WIS DOT NO. 40"
2. SEEDING SHALL BE PERFORMED AS SPECIFIED IN ARTICLE 207 OF THE CITY OF MADISON STANDARD SPECIFICATIONS.





CREATE THE VISION TELL THE STORY

[jsdinc.com](http://jsdinc.com)

MADISON REGIONAL OFFICE  
507 WEST VERONA AVENUE, SUITE 500  
VERONA, WISCONSIN 53593  
P. 608.848.5060

CLIENT:  
**Madison Metro School District**

CLIENT ADDRESS:  
545 West Dayton Street  
Madison, WI 53703

PROJECT:  
**Sherman Middle School & Malcolm Shabazz City High School**  
CITY PROJECT #: 16035; CONTRACT #: 9710

PROJECT LOCATION:  
1522 Ruskin St/1437 N Sherman Ave  
Madison, WI 53704  
Dane County

PLAN MODIFICATIONS:

#	Date:	Description:
1	01.05.26	NOT FOR CONSTRUCTION
2	01.16.26	FINAL STORM REVIEW
3	01.29.26	NFC REVISIONS
4	02.03.26	NFC REVISIONS
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		

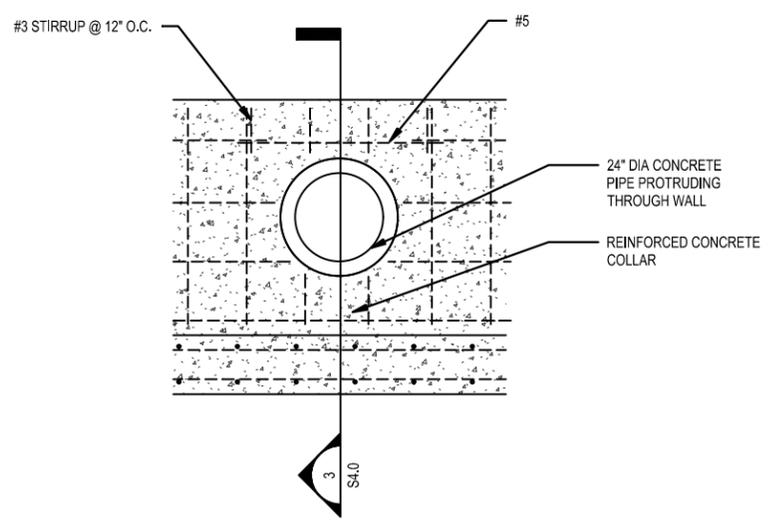
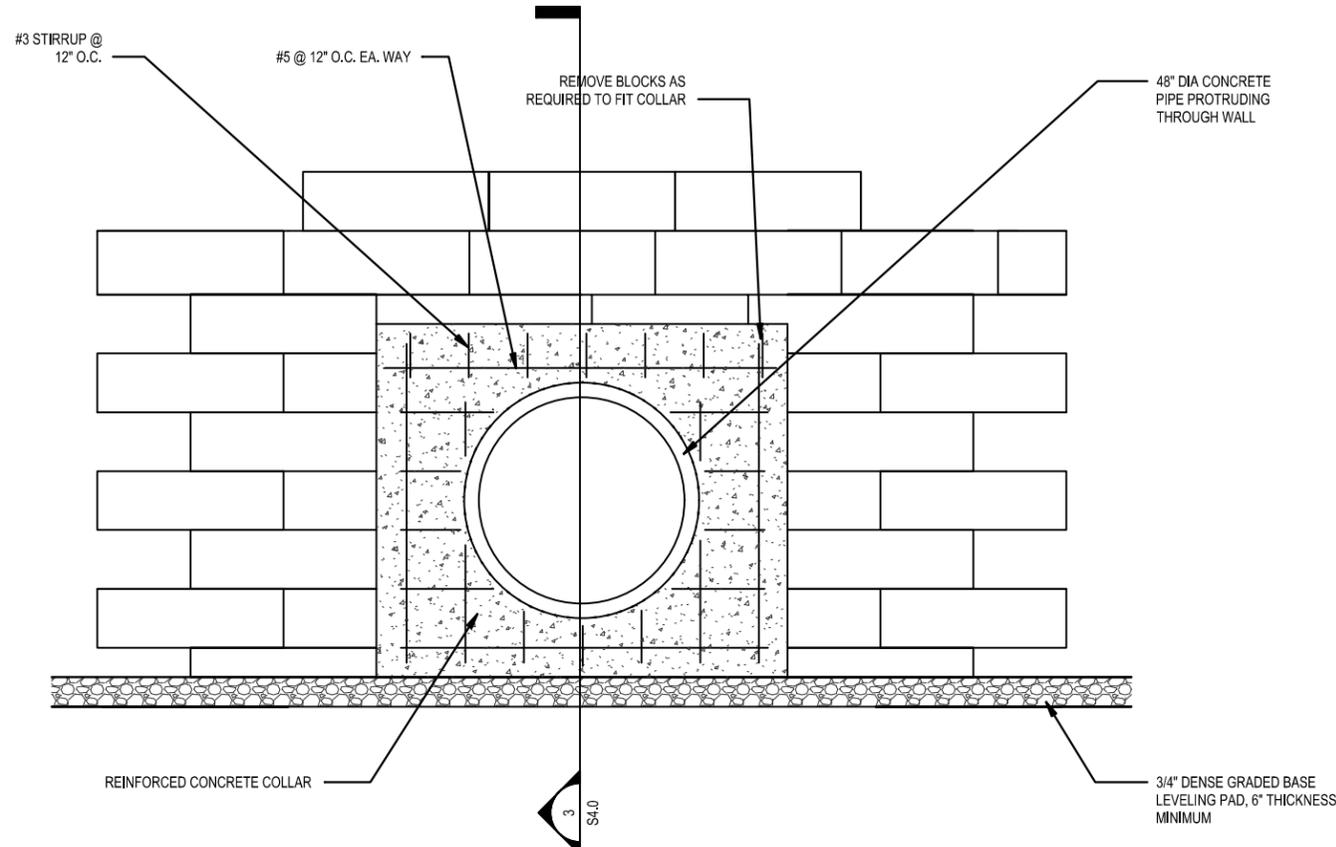
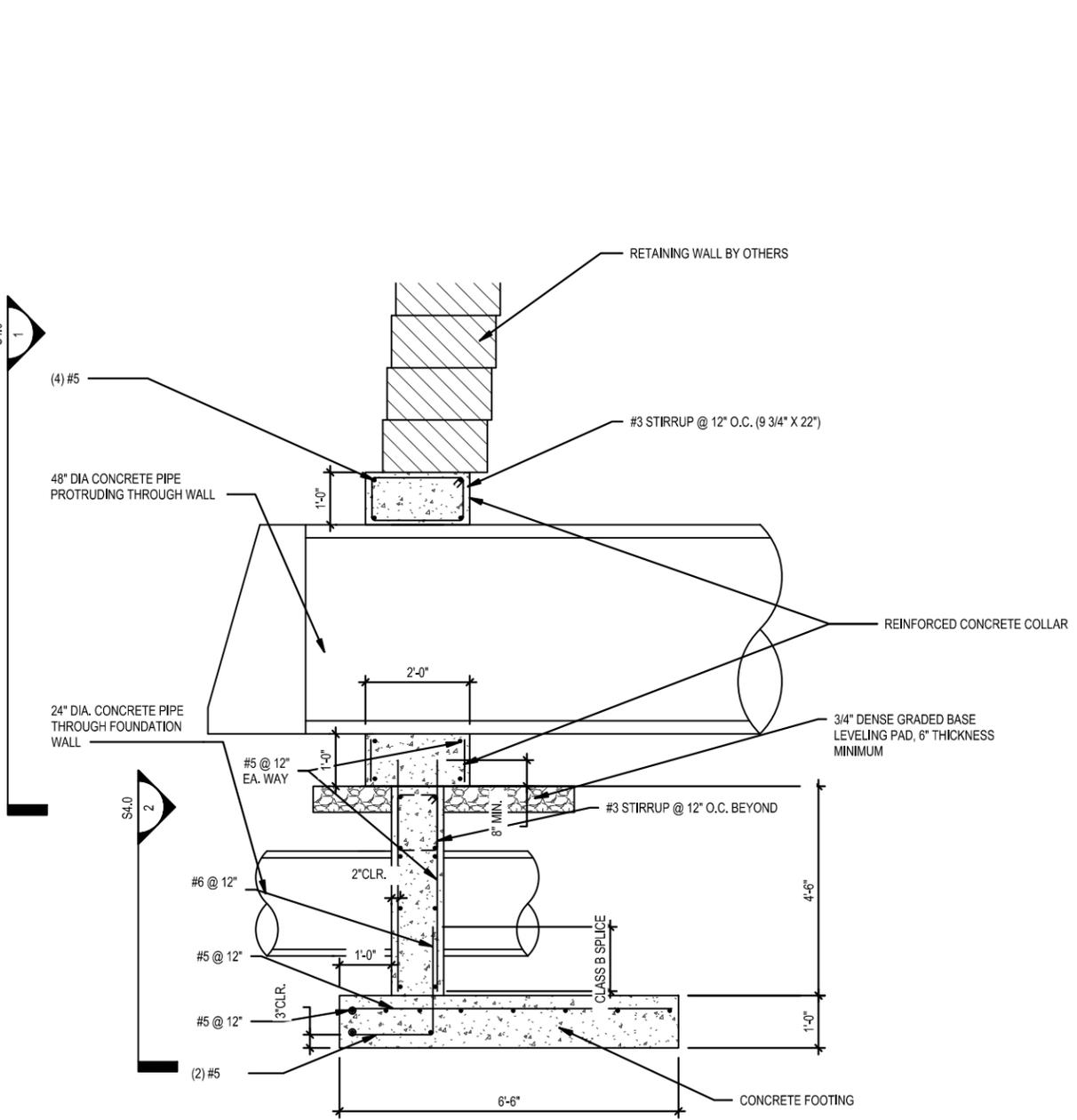
Designed By: CAC  
Reviewed By: MRH  
Approved By: MRH

SHEET TITLE:  
**PUBLIC STORMWATER OVERFLOW SWALE CROSS SECTIONS**

SHEET NUMBER:

**GI-3**

JSD PROJECT NO: 24-14661-PUB

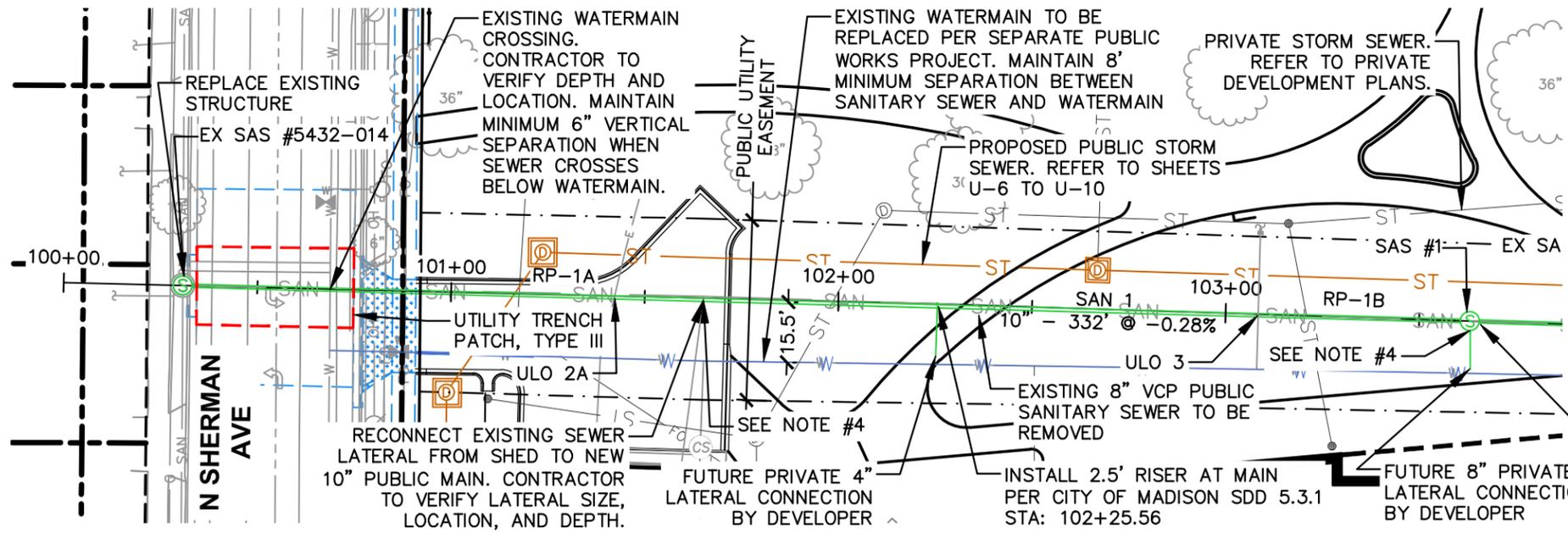


**PIPES INSTALLED PERPENDICULAR THROUGH WALL**  
NTS

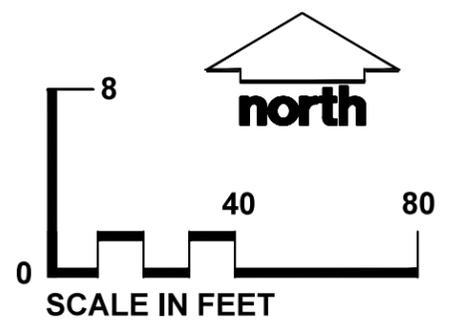
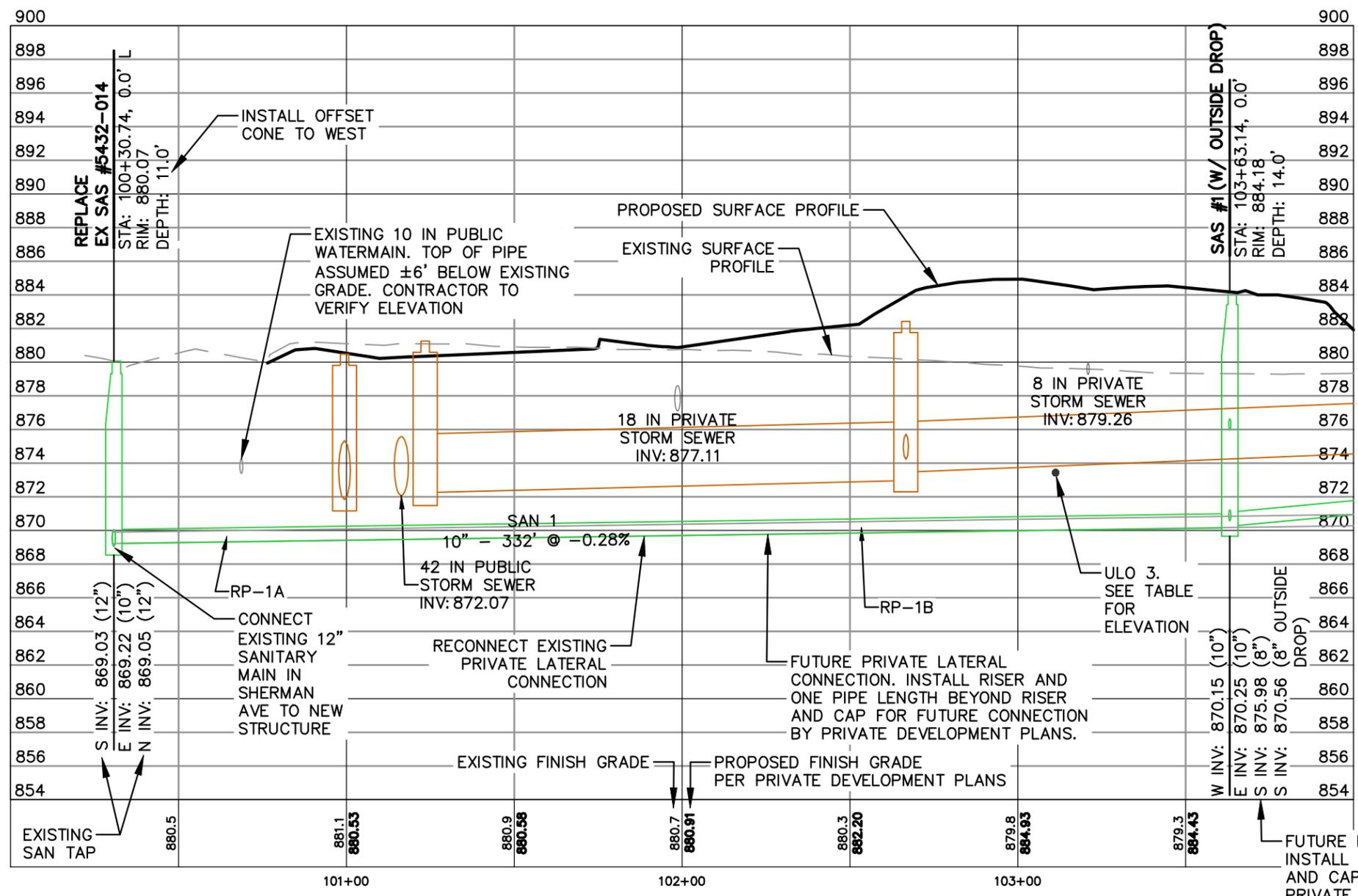


File: \\JSD\JSD\projects\2024\2414661\DWG\Civil\Sheets\PUB SHEETS\GI-3 GRADING SHEET.dwg Layout: GI-3 User: courtneycox Plotted: Feb 03, 2026 - 4:17pm Xref's:

THESE PLANS AND DESIGNS ARE COPYRIGHT PROTECTED AND MAY NOT BE USED IN WHOLE OR IN PART WITHOUT THE WRITTEN CONSENT OF JSD PROFESSIONAL SERVICES, INC.



- NOTES:
1. REMOVE SIDEWALK AND CURB AS NEEDED TO INSTALL SANITARY SEWER MAIN IN N. SHERMAN AVENUE. SEE P SHEETS FOR SIDEWALK AND CURB RESTORATION LIMITS. TRENCH PATCH TYPE III SHALL BE USED TO PATCH AREAS DISTURBED BY PUBLIC UTILITY INSTALLATION IN EXISTING ROADWAYS. SEE P SHEETS FOR MILL & OVERLAY LIMITS AND PM SHEETS FOR NEW PAVEMENT MARKINGS.
  2. SAS #1 TO HAVE INTERNAL CHIMNEY SEAL & EXTERNAL SAS WRAP INSTALLED PER CITY SPECIFICATIONS.
  3. INSTALL 3M ELECTRONIC MARKER SYSTEM (EMS) 4" EXTENDED RANGE 5' BALL MARKERS- WASTEWATER (MODEL #1404-XR) FOR EACH SANITARY SEWER LATERAL. CITY SHALL SUPPLY THE EMS MARKERS REQUIRED TO BE INSTALLED AND CONTRACTOR SHALL INSTALL PER MANUFACTURER'S RECOMMENDATIONS OR AT THE DIRECTION OF THE CITY ENGINEER.
  4. NO PROPOSED SANITARY SEWER WORK MAY PROCEED WITHOUT CONFIRMATION FROM THE CITY PROJECT MANAGER THAT THE SEWER EXTENSION PERMIT HAS BEEN OBTAINED FROM THE WDNR.
- OUTSIDE DROP PRECAST SAS PER CITY OF MADISON SDD 5.7.2





CREATE THE VISION  TELL THE STORY

[jsdinc.com](http://jsdinc.com)

MADISON REGIONAL OFFICE  
507 WEST VERONA AVENUE, SUITE 500  
VERONA, WISCONSIN 53593  
P. 608.848.5060

CLIENT:  
**Madison Metro School District**

CLIENT ADDRESS:  
545 West Dayton Street  
Madison, WI 53703

PROJECT:  
**Sherman Middle School & Malcolm Shabazz City High School**  
CITY PROJECT #: 16035; CONTRACT #: 9710

PROJECT LOCATION:  
1522 Ruskin St/1437 N Sherman Ave  
Madison, WI 53704  
Dane County

#	Date:	Description:
1	01.05.26	NOT FOR CONSTRUCTION
2	01.16.26	FINAL STORM REVIEW
3	01.29.26	NFC REVISIONS
4	02.03.26	NFC REVISIONS
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		

Designed By: CAC  
Reviewed By: MRH  
Approved By: MRH

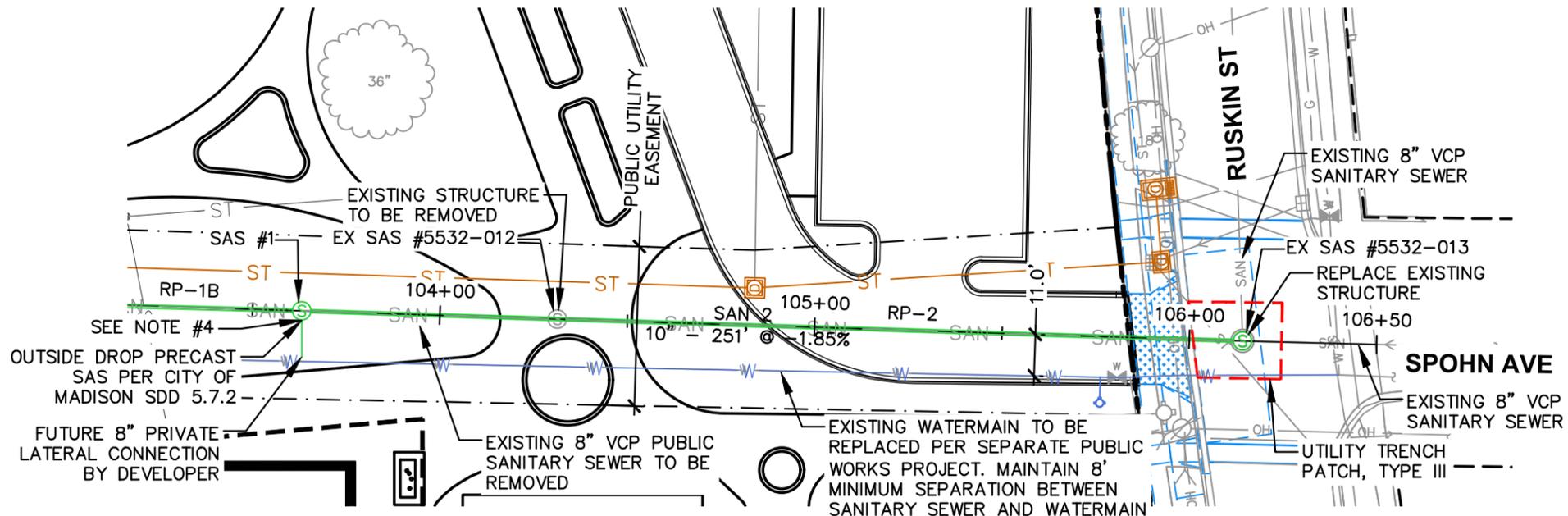
SHEET TITLE:  
**SANITARY SEWER PLAN & PROFILE - WEST**

SHEET NUMBER:  
**U-1**

JSD PROJECT NO: 24-14661-PUB

File: \JSD\INC\projects\2024\2414661\DWG\Civil Sheets\PUB SHEETS\U-1 SAN PP SHEETS.dwg Layout: U-1 User: courtney.cox Plotter: Feb 03, 2026 - 4:19pm Xref's:

THESE PLANS AND DESIGNS ARE COPYRIGHT PROTECTED AND MAY NOT BE USED IN WHOLE OR IN PART WITHOUT THE WRITTEN CONSENT OF JSD PROFESSIONAL SERVICES, INC.



- NOTES:
1. REMOVE SIDEWALK AND CURB AS NEEDED TO INSTALL SANITARY SEWER MAIN IN RUSKIN STREET. SEE P SHEETS FOR SIDEWALK AND CURB RESTORATION LIMITS.
  2. TRENCH PATCH TYPE III SHALL BY USED TO PATCH AREAS DISTURBED BY PUBLIC UTILITY INSTALLATION IN EXISTING ROADWAYS. SEE P SHEETS FOR MILL & OVERLAY LIMITS AND PM SHEETS FOR NEW PAVEMENT MARKINGS.
  3. SAS #1 TO HAVE INTERNAL CHIMNEY SEAL & EXTERNAL SAS WRAP INSTALLED PER CITY SPECIFICATIONS.
  4. INSTALL 3M ELECTRONIC MARKER SYSTEM (EMS) 4" EXTENDED RANGE 5' BALL MARKERS- WASTEWATER (MODEL #1404-XR) FOR EACH SANITARY SEWER LATERAL. CITY SHALL SUPPLY THE EMS MARKERS REQUIRED TO BE INSTALLED AND CONTRACTOR SHALL INSTALL PER MANUFACTURER'S RECOMMENDATIONS OR AT THE DIRECTION OF THE CITY ENGINEER.
  5. NO PROPOSED SANITARY SEWER WORK MAY PROCEED WITHOUT CONFIRMATION FROM THE CITY PROJECT MANAGER THAT THE SEWER EXTENSION PERMIT HAS BEEN OBTAINED FROM THE WDNR.



CREATE THE VISION TELL THE STORY

jsdinc.com

MADISON REGIONAL OFFICE  
507 WEST VERONA AVENUE, SUITE 500  
VERONA, WISCONSIN 53593  
P. 608.848.5060

CLIENT:  
Madison Metro School District

CLIENT ADDRESS:  
545 West Dayton Street  
Madison, WI 53703

PROJECT:  
Sherman Middle School & Malcolm Shabazz City High School  
CITY PROJECT #: 16035; CONTRACT #: 9710

PROJECT LOCATION:  
1522 Ruskin St/1437 N Sherman Ave  
Madison, WI 53704  
Dane County

PLAN MODIFICATIONS:

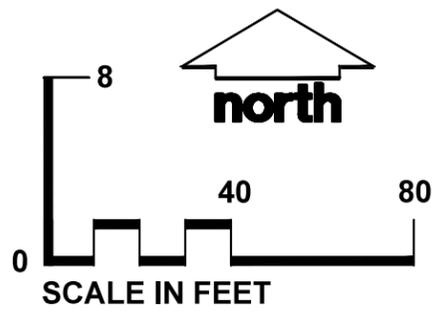
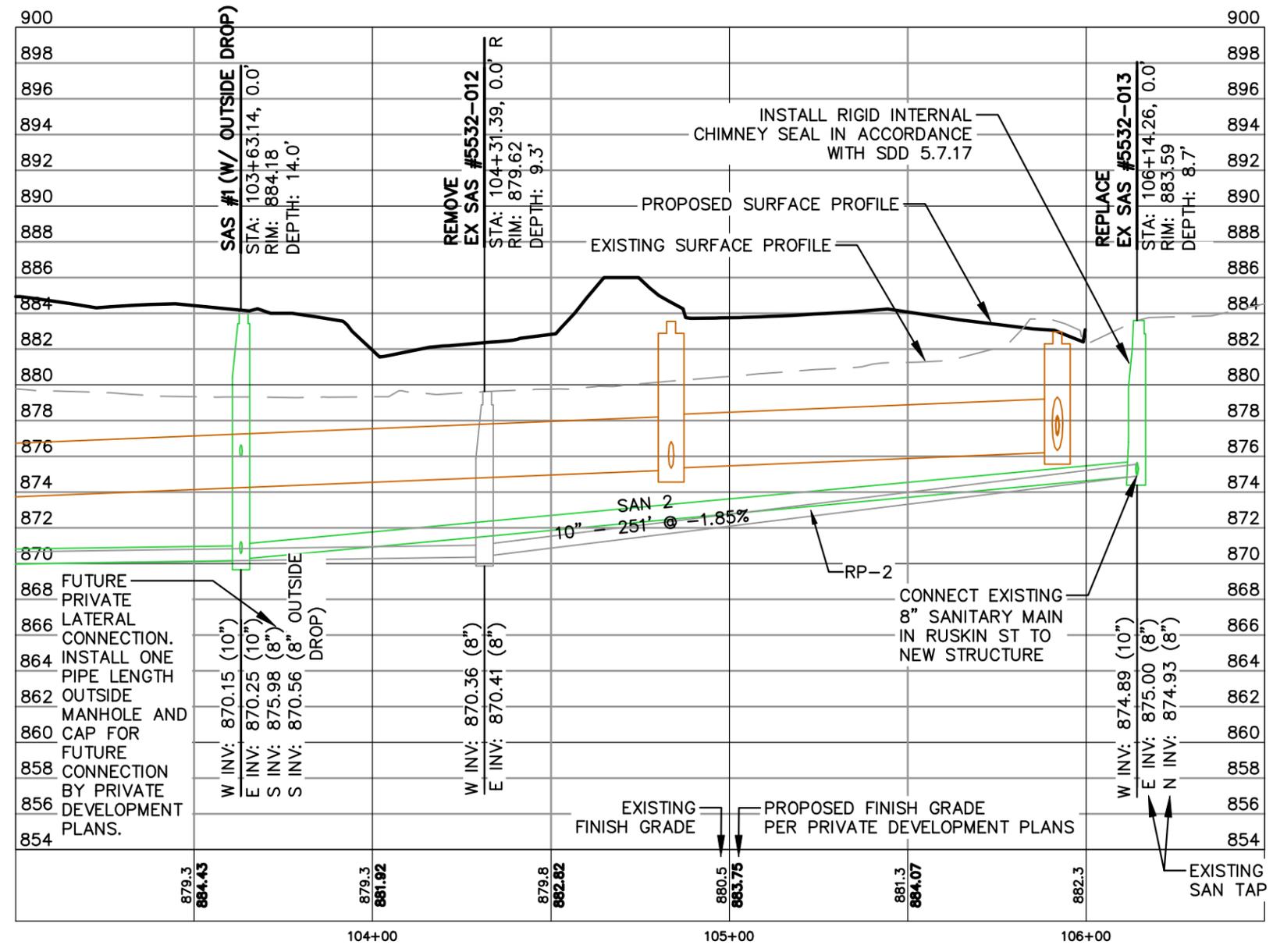
#	Date:	Description:
1	01.05.26	NOT FOR CONSTRUCTION
2	01.16.26	FINAL STORM REVIEW
3	01.29.26	NFC REVISIONS
4	02.03.26	NFC REVISIONS
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		

Designed By: CAC  
Reviewed By: MRH  
Approved By: MRH

SHEET TITLE:  
SANITARY SEWER PLAN & PROFILE - EAST

SHEET NUMBER:  
**U-2**

JSD PROJECT NO: 24-14661-PUB



File: \JSD\INC\projects\2024\2414661\DWG\Civil Sheets\PUB SHEETS\U-1 SAN PP SHEETS.dwg Layout: U-2 User: courney,cox Plotted: Feb 03, 2026 - 4:33pm Xref's:

THESE PLANS AND DESIGNS ARE COPYRIGHT PROTECTED AND MAY NOT BE USED IN WHOLE OR IN PART WITHOUT THE WRITTEN CONSENT OF JSD PROFESSIONAL SERVICES, INC.

PROPOSED SANITARY SEWER STRUCTURE TABLE					
LABEL	RIM EL. (FT)	INVERT EL. (FT)	DEPTH (FT)	STRUCTURE DESC.	FRAME & GRATE
EX SAS #5432-014	880.07	S INV: 869.03 (12") E INV: 869.22 (10") N INV: 869.05 (12")	11.0	48 IN MH	R-1550 SOLID LID
EX SAS #5532-013	883.59	W INV: 874.89 (10") E INV: 875.00 (8") N INV: 874.93 (8")	8.7	48 IN MH	R-1550 SOLID LID
SAS #1	884.18	W INV: 870.15 (10") E INV: 870.25 (10") S INV: 875.98 (8") S INV: 870.56 (8")	14.0	48 IN MH	R-1550 SOLID LID

### STRUCTURE NOTES

- SAS #1 SHALL BE A SANITARY SEWER PRECAST SAS WITH OUTSIDE DROP PER CITY OF MADISON SDD 5.7.2
- EX SAS #5432-014 & #5532-013 SHALL BE REMOVED AND REPLACED WITH NEW STRUCTURES

PROPOSED SANITARY SEWER PIPE TABLE							
LABEL	FROM	TO	LENGTH	DOWNSTREAM	UPSTREAM	SLOPE	SIZE & MATERIAL
SAN 1	EX SAS #5432-014	SAS #1	332'	869.22	870.15	0.28%	10 IN PVC
SAN 1.1A	RISER	END CAP	10'	872.84	873.05	2.08%	4 IN PVC
SAN 1B	SAS #1	END CAP	10'	875.98	876.19	2.08%	8 IN PVC
SAN 2	SAS #1	EX SAS #5532-013	251'	870.25	874.89	1.85%	10 IN PVC

### PIPE NOTES

- PIPE SAN 1B SHALL BE INSTALLED APPROXIMATELY 1 PIPE LENGTH (10') OUTSIDE SAS #1 AND CAPPED/PLUGGED FOR FUTURE LATERAL CONNECTION BY DEVELOPER
- PIPE SAN 1.1A SHALL BE INSTALLED WITH 2.5' RISER PER CITY OF MADISON SDD 5.3.1 AND APPROXIMATELY 1 PIPE LENGTH (10') BEYOND THE RISER. CAP/PLUG FOR FUTURE LATERAL CONNECTION BY DEVELOPER.

REMOVE SANITARY STRUCTURES			
LABEL	STATION	OFFSET	TYPE
EX SAS #5532-012	104+31.39	R-0.02	SAS

REMOVE SANITARY PIPES				
LABEL	FROM	TO	LENGTH	SIZE & MATERIAL
RP-1A	PVT LATERAL	EX SAS #5432-014	135'	8 IN VCP
RP-1B	EX SAS #5532-012	PVT LATERAL	266'	8 IN VCP
RP-2	EX SAS #5532-013	EX SAS #5532-012	183'	8 IN VCP

### SPECIFIC NOTES

- INSTALL CHIMNEY SEAL IN ACCORDANCE WITH CITY S.D.D. 5.7.17, ALL PROPOSED STRUCTURES.
- INSTALL EXTERNAL SAS WRAP IN ACCORDANCE WITH CITY S.D.D. 5.7.2, ALL PROPOSED STRUCTURES.

ULO SCHEDULE				
ULO NO.	STATION	OFFSET	TYPE	ELEVATION
ULO 1	7+05.67	1.98' L	WATERMAIN	874.84
ULO 2A			ELECTRIC	
ULO 2B	7+64.88	12.12 R	ELECTRIC	878.31
ULO 3	103+11.25	2.15' L	WATER LAT.	873.43
ULO 4	9+29.75	1.56' L	WATER LAT.	871.93
*ULO 8	0+44.85	2.02' R	GAS MAIN	869.51
*ULO 9	12+27.55	0.34' L	GAS SERVICE	879.62
ULO 10	12+29.97	44.89' R	GAS MAIN	880.52

#### NOTE:

- (\* ) UTILITY CONFLICT WITH PROPOSED PUBLIC STORM SEWER. CONTRACTOR TO COORDINATE WITH APPROPRIATE UTILITY COMPANY FOR RELOCATION.
- ULO 2A TO BE COMPLETE PRIOR TO SANITARY INSTALLATION.
- ULO 5, ULO 6, AND ULO 7 PERFORMED FOR PRIVATE UTILITY CROSSINGS. REFER TO PRIVATE DEVELOPMENT PLANS
- ALL STATION AND OFFSET VALUES, WITH THE EXCEPTION OF ULO 3, ARE IN REFERENCE TO THE PROPOSED PUBLIC STORM SEWER ALIGNMENT.
- ULO 3 STATION AND OFFSET IS IN REFERENCE TO THE PROPOSED SANITARY SEWER ALIGNMENT



CREATE THE VISION TELL THE STORY

jsdinc.com

MADISON REGIONAL OFFICE  
507 WEST VERONA AVENUE, SUITE 500  
VERONA, WISCONSIN 53593  
P. 608.848.5060

CLIENT:  
**Madison Metro School District**

CLIENT ADDRESS:  
545 West Dayton Street  
Madison, WI 53703

PROJECT:  
**Sherman Middle School & Malcolm Shabazz City High School**

CITY PROJECT #: 16035; CONTRACT #: 9710

PROJECT LOCATION:  
1522 Ruskin St/1437 N Sherman Ave  
Madison, WI 53704  
Dane County

#### PLAN MODIFICATIONS:

#	Date	Description
1	01.05.26	NOT FOR CONSTRUCTION
2	01.16.26	FINAL STORM REVIEW
3	01.29.26	NFC REVISIONS
4	02.03.26	NFC REVISIONS
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		

Designed By: CAC  
Reviewed By: MRH  
Approved By: MRH

SHEET TITLE:  
**SANITARY SEWER SCHEDULE**

SHEET NUMBER:  
**U-3**

JSD PROJECT NO: 24-14661-PUB



Toll Free (800) 242-8511



CREATE THE VISION TELL THE STORY

jsdinc.com

MADISON REGIONAL OFFICE  
507 WEST VERONA AVENUE, SUITE 500  
VERONA, WISCONSIN 53593  
P. 608.848.5060

CLIENT:  
Madison Metro School District

CLIENT ADDRESS:  
545 West Dayton Street  
Madison, WI 53703

PROJECT:  
Sherman Middle School & Malcolm Shabazz City High School  
CITY PROJECT #: 16035; CONTRACT #: 9710

PROJECT LOCATION:  
1522 Ruskin St/1437 N Sherman Ave  
Madison, WI 53704  
Dane County

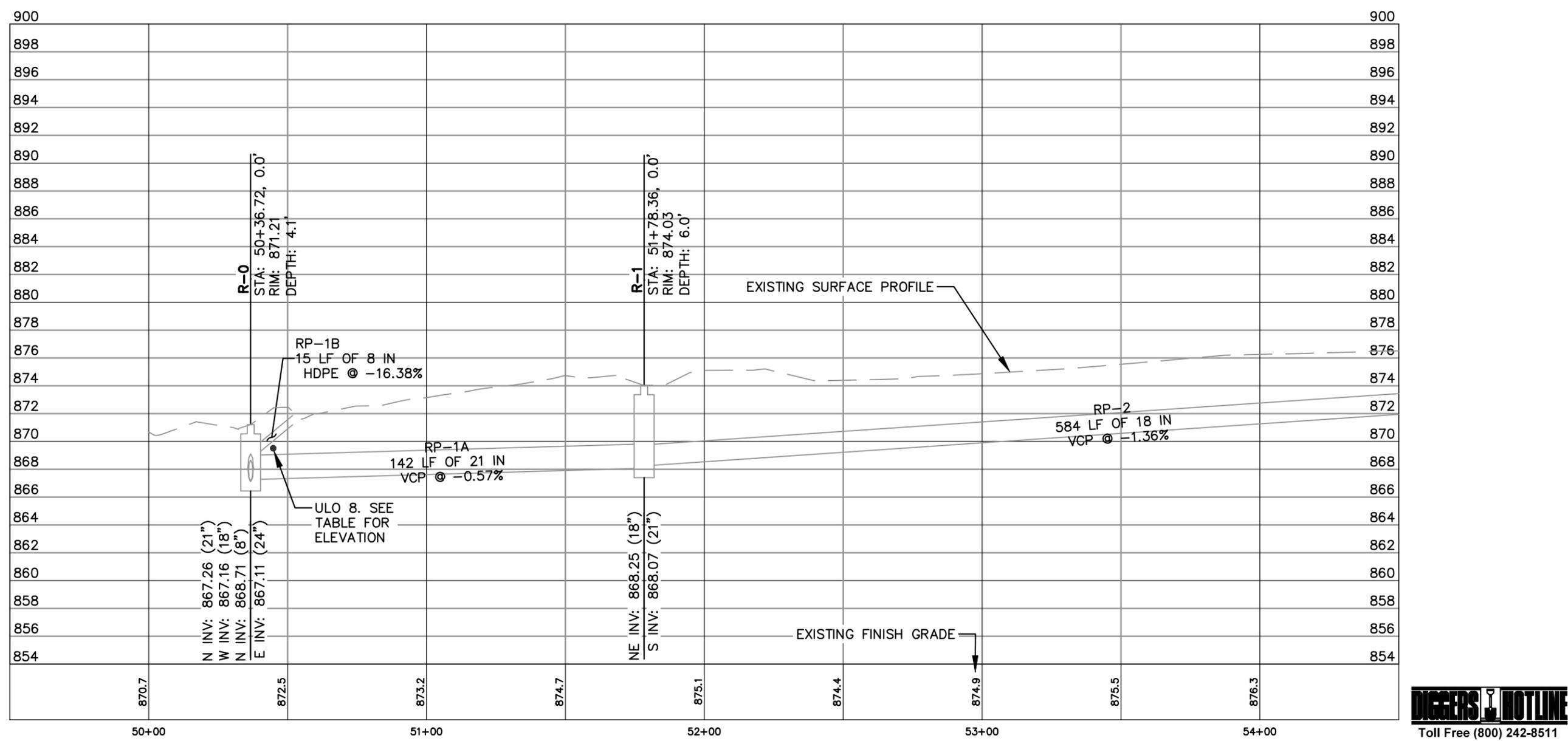
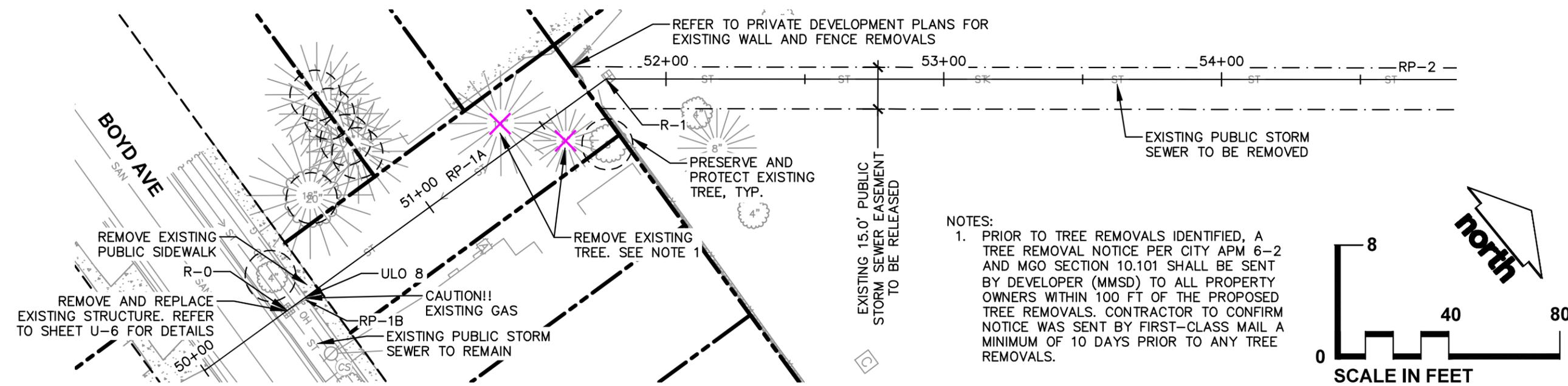
PLAN MODIFICATIONS:

#	Date:	Description:
1	01.05.26	NOT FOR CONSTRUCTION
2	01.16.26	FINAL STORM REVIEW
3	01.29.26	NFC REVISIONS
4	02.03.26	NFC REVISIONS
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		

Designed By: CAC  
Reviewed By: MRH  
Approved By: MRH

SHEET TITLE:  
EXISTING STORM SEWER  
PLAN & PROFILE - SOUTH

SHEET NUMBER:  
**U-4**  
JSD PROJECT NO: 24-14661-PUB

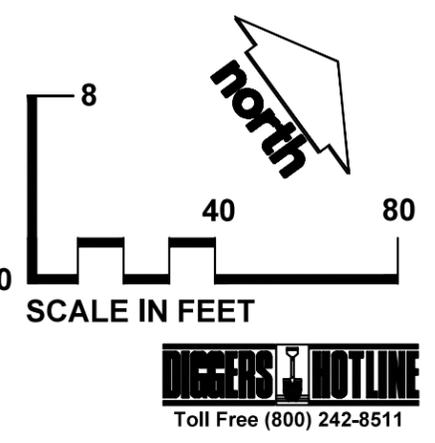
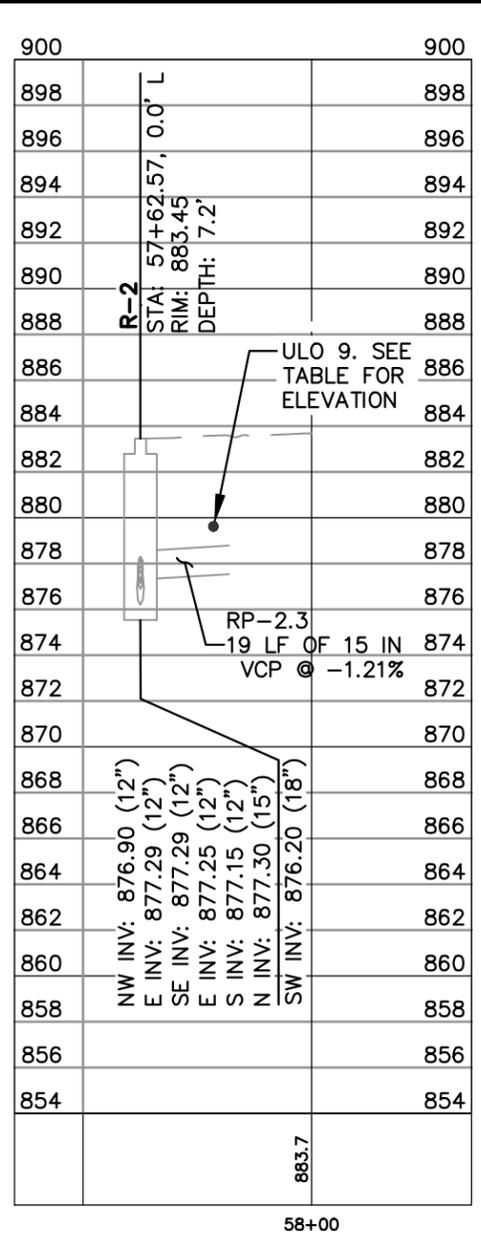
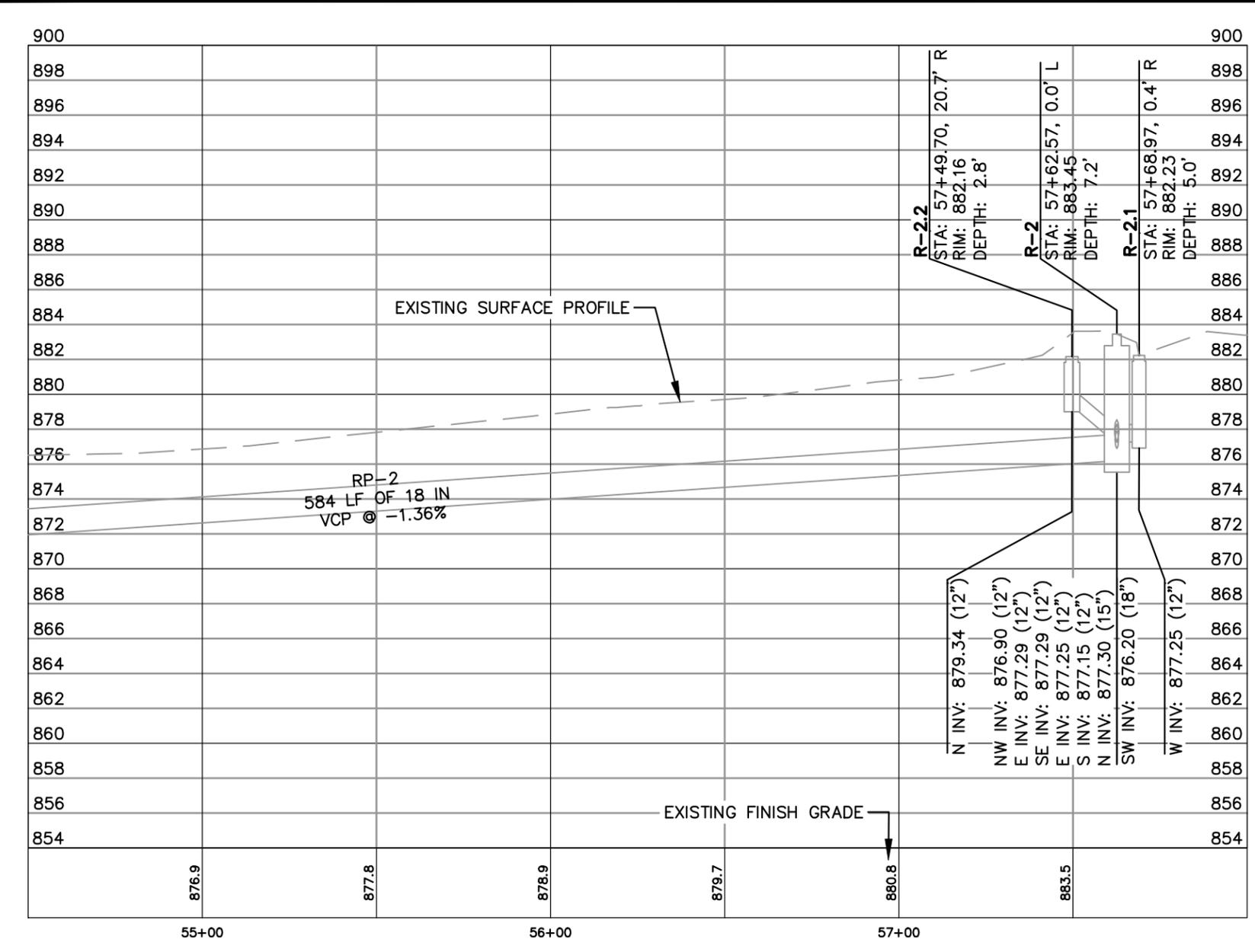
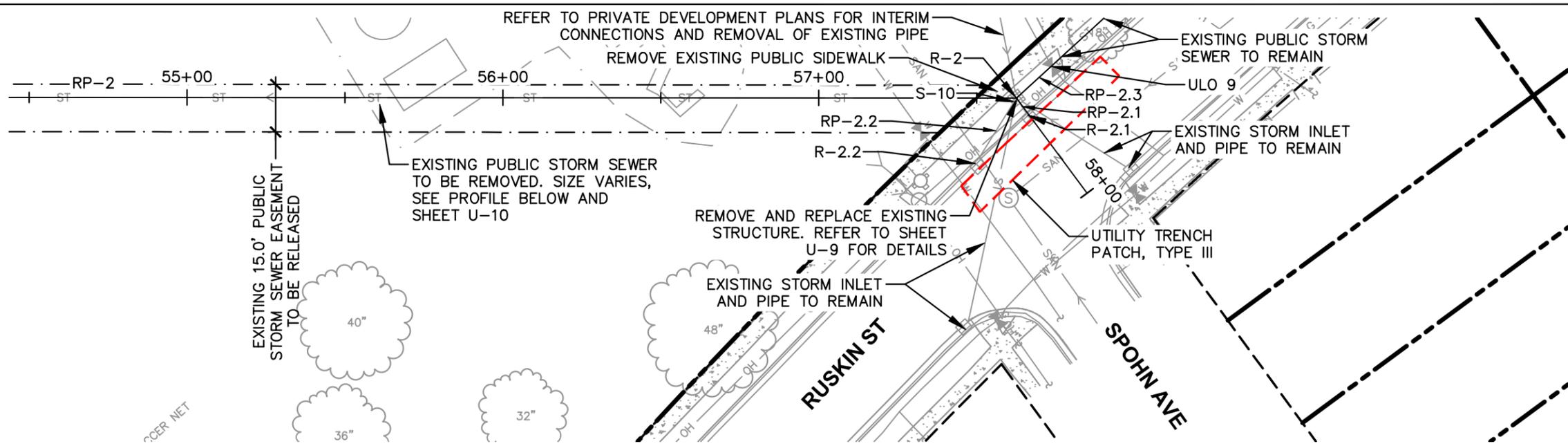


Toll Free (800) 242-8511

File: \\JSD\JSD\projects\2024\2414661\DWG\Civil\Sheets\Pub\Sheets\U-4\STM PP SHEETS.dwg Layout: U-4 User: courney.cox Plotted: Feb 03, 2026 - 4:27pm Xref's:

THESE PLANS AND DESIGNS ARE COPYRIGHT PROTECTED AND MAY NOT BE USED IN WHOLE OR IN PART WITHOUT THE WRITTEN CONSENT OF JSD PROFESSIONAL SERVICES, INC.

File: \\USDINC\projects\2024\2414661\DWG\Civil Sheets\PUB SHEETS\U-4 STW PP SHEETS.dwg Layout: U-5 User: courneye\cox Plotted: Feb 03, 2024 - 4:28pm Xref's:





CREATE THE VISION TELL THE STORY

[jsdinc.com](http://jsdinc.com)

MADISON REGIONAL OFFICE  
507 WEST VERONA AVENUE, SUITE 500  
VERONA, WI 53593  
P. 608.848.5060

---

CLIENT:  
**Madison Metro School District**

---

CLIENT ADDRESS:  
545 West Dayton Street  
Madison, WI 53703

---

PROJECT:  
**Sherman Middle School & Malcolm Shabazz City High School**  
CITY PROJECT #: 16035; CONTRACT #: 9710

---

PROJECT LOCATION:  
1522 Ruskin St/1437 N Sherman Ave  
Madison, WI 53704  
Dane County

---

#	Date	Description
1	01.05.26	NOT FOR CONSTRUCTION
2	01.16.26	FINAL STORM REVIEW
3	01.29.26	NFC REVISIONS
4	02.03.26	NFC REVISIONS
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		

---

Designed By: CAC  
Reviewed By: MRH  
Approved By: MRH

SHEET TITLE:  
**EXISTING STORM SEWER PLAN & PROFILE - NORTH**

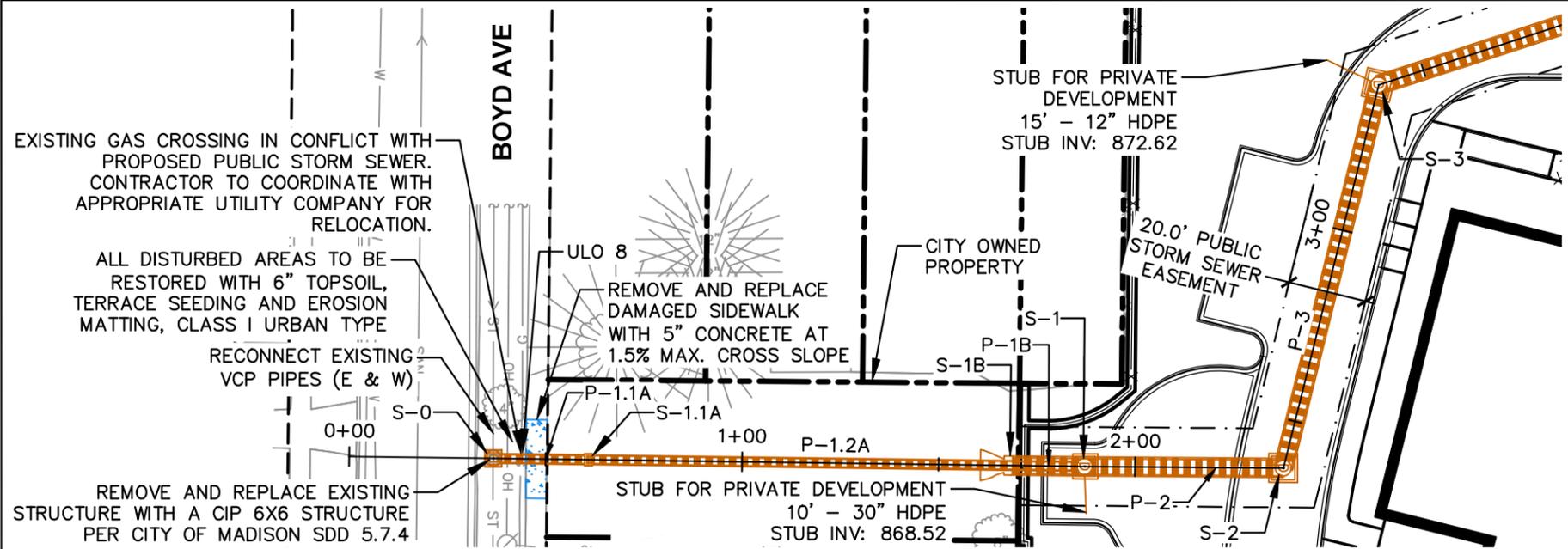
---

SHEET NUMBER:  
**U-5**

---

JSD PROJECT NO: 24-14661-PUB

THESE PLANS AND DESIGNS ARE COPYRIGHT PROTECTED AND MAY NOT BE USED IN WHOLE OR IN PART WITHOUT THE WRITTEN CONSENT OF JSD PROFESSIONAL SERVICES, INC.



NOTES:  
 1. REMOVE SIDEWALK AS NEEDED TO INSTALL STORM SEWER MAIN IN BOYD AVENUE. SEE P SHEETS FOR SIDEWALK RESTORATION LIMITS.



CREATE THE VISION TELL THE STORY

jsdinc.com

MADISON REGIONAL OFFICE  
 507 WEST VERONA AVENUE, SUITE 500  
 VERONA, WISCONSIN 53593  
 P. 608.848.5060

CLIENT:  
**Madison Metro School District**

CLIENT ADDRESS:  
 545 West Dayton Street  
 Madison, WI 53703

PROJECT:  
**Sherman Middle School & Malcolm Shabazz City High School**  
 CITY PROJECT #: 16035; CONTRACT #: 9710

PROJECT LOCATION:  
 1522 Ruskin St/1437 N Sherman Ave  
 Madison, WI 53704  
 Dane County

PLAN MODIFICATIONS:

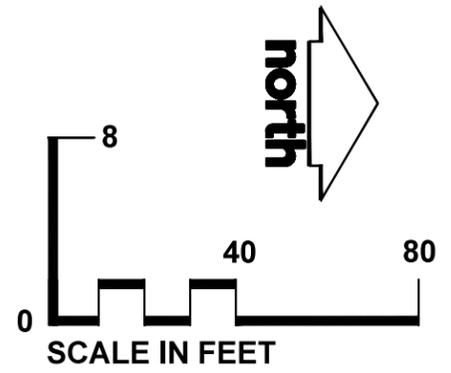
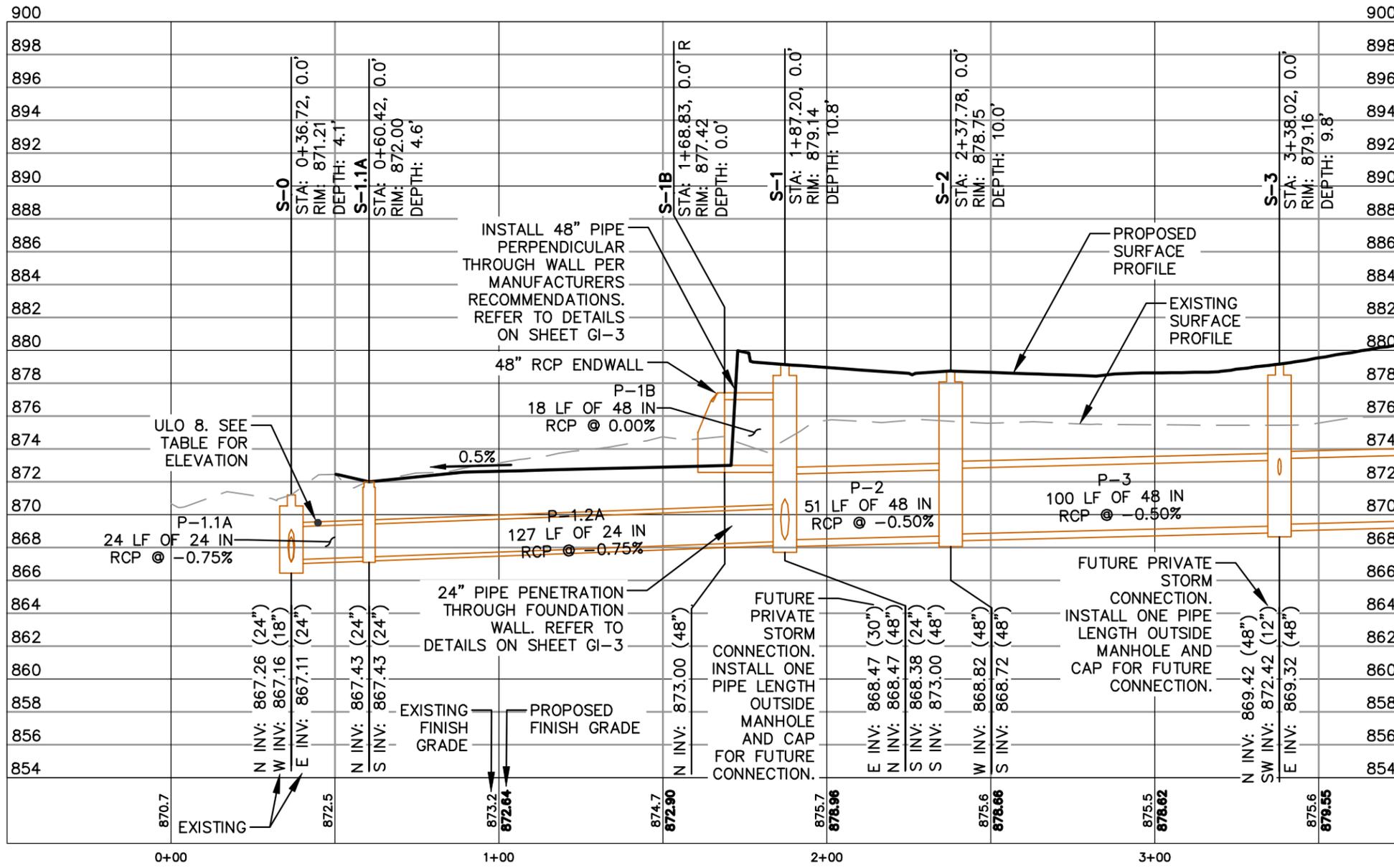
#	Date:	Description:
1	01.05.26	NOT FOR CONSTRUCTION
2	01.16.26	FINAL STORM REVIEW
3	01.29.26	NFC REVISIONS
4	02.03.26	NFC REVISIONS
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		

Designed By: CAC  
 Reviewed By: MRH  
 Approved By: MRH

SHEET TITLE:  
**STORM SEWER PLAN & PROFILE - SOUTH**

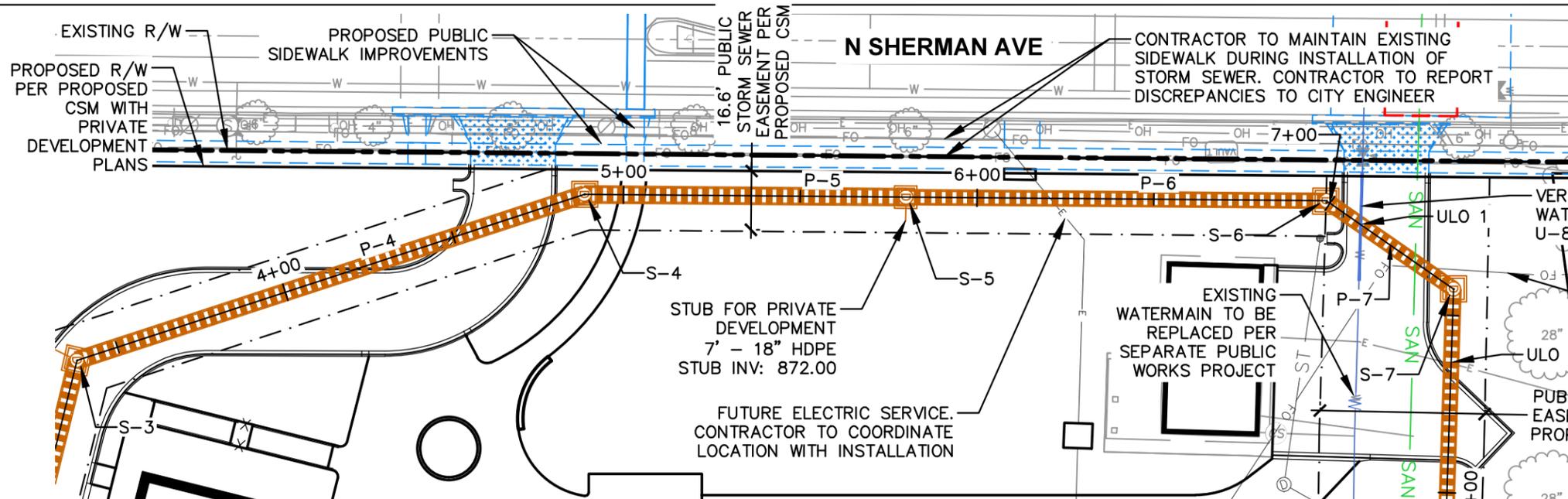
SHEET NUMBER:  
**U-6**

JSD PROJECT NO: 24-14661-PUB



File: \\JSD\JSD\projects\2024\2414661\DWG\Civil Sheets\PUB SHEETS\U-4 STM PP SHEETS.dwg Layout: U-6 User: courney,cox Plotter: Feb 03, 2026 - 4:28pm Xref's:

THESE PLANS AND DESIGNS ARE COPYRIGHT PROTECTED AND MAY NOT BE USED IN WHOLE OR IN PART WITHOUT THE WRITTEN CONSENT OF JSD PROFESSIONAL SERVICES, INC.



NOTES:  
 1. ALL PIPE JOINTS BETWEEN S-6 & S-7 SHALL BE JOINT TIED, PER PIPE MANUFACTURERS RECOMMENDATIONS

**JSD**

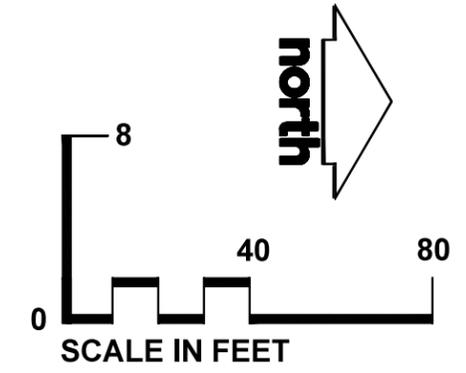
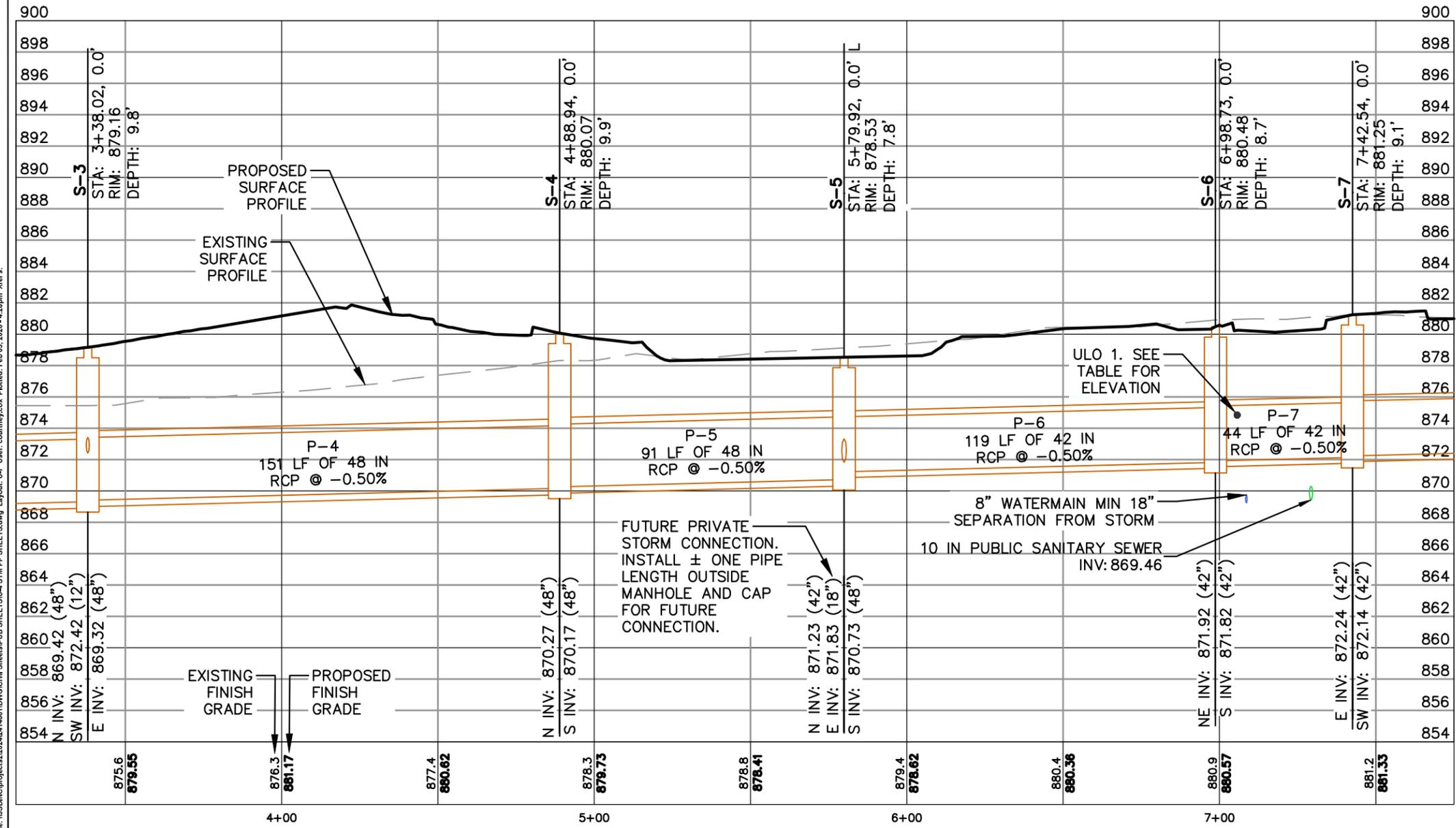
CREATE THE VISION TELL THE STORY

[jsdinc.com](http://jsdinc.com)

MADISON REGIONAL OFFICE  
 507 WEST VERONA AVENUE, SUITE 500  
 VERONA, WISCONSIN 53593  
 P. 608.848.5060

CLIENT:  
**Madison Metro School District**

CLIENT ADDRESS:  
 545 West Dayton Street  
 Madison, WI 53703



PROJECT:  
**Sherman Middle School & Malcolm Shabazz City High School**  
 CITY PROJECT #: 16035; CONTRACT #: 9710

PROJECT LOCATION:  
 1522 Ruskin St/1437 N Sherman Ave  
 Madison, WI 53704  
 Dane County

PLAN MODIFICATIONS:

#	Date:	Description:
1	01.05.26	NOT FOR CONSTRUCTION
2	01.16.26	FINAL STORM REVIEW
3	01.29.26	NFC REVISIONS
4	02.03.26	NFC REVISIONS
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		

Designed By: CAC  
 Reviewed By: MRH  
 Approved By: MRH

SHEET TITLE:  
**STORM SEWER PLAN & PROFILE - WEST**

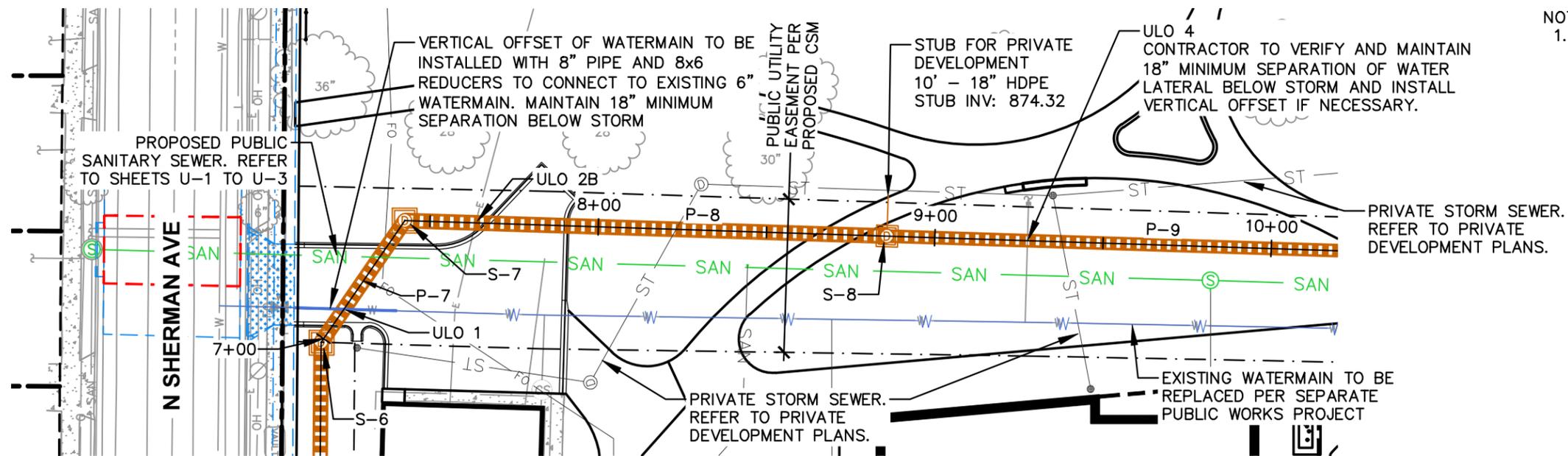
SHEET NUMBER:  
**U-7**

Toll Free (800) 242-8511

JSD PROJECT NO: 24-14661-PUB

File: \JSD\INC\projects\2024\14661\DWG\Civil Sheets\PUB SHEETS\U-4 STM PP SHEETS.dwg Layout: U-7 User: courneycox Plotter: Feb 03, 2026 - 4:28pm Xref's:

THESE PLANS AND DESIGNS ARE COPYRIGHT PROTECTED AND MAY NOT BE USED IN WHOLE OR IN PART WITHOUT THE WRITTEN CONSENT OF JSD PROFESSIONAL SERVICES, INC.



NOTES:  
 1. ALL PIPE JOINTS BETWEEN S-6 & S-7 SHALL BE JOINT TIED, PER PIPE MANUFACTURERS RECOMMENDATIONS



CREATE THE VISION TELL THE STORY

jsdinc.com

MADISON REGIONAL OFFICE  
 507 WEST VERONA AVENUE, SUITE 500  
 VERONA, WISCONSIN 53593  
 P. 608.848.5060

CLIENT:  
**Madison Metro School District**

CLIENT ADDRESS:  
 545 West Dayton Street  
 Madison, WI 53703

PROJECT:  
**Sherman Middle School & Malcolm Shabazz City High School**

CITY PROJECT #: 16035; CONTRACT #: 9710

PROJECT LOCATION:  
 1522 Ruskin St/1437 N Sherman Ave  
 Madison, WI 53704  
 Dane County

PLAN MODIFICATIONS:

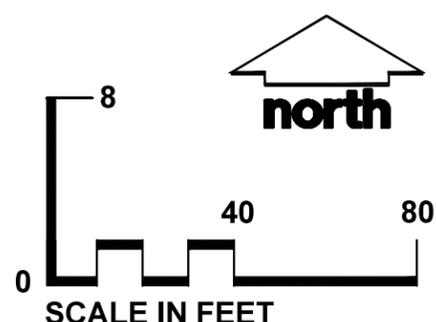
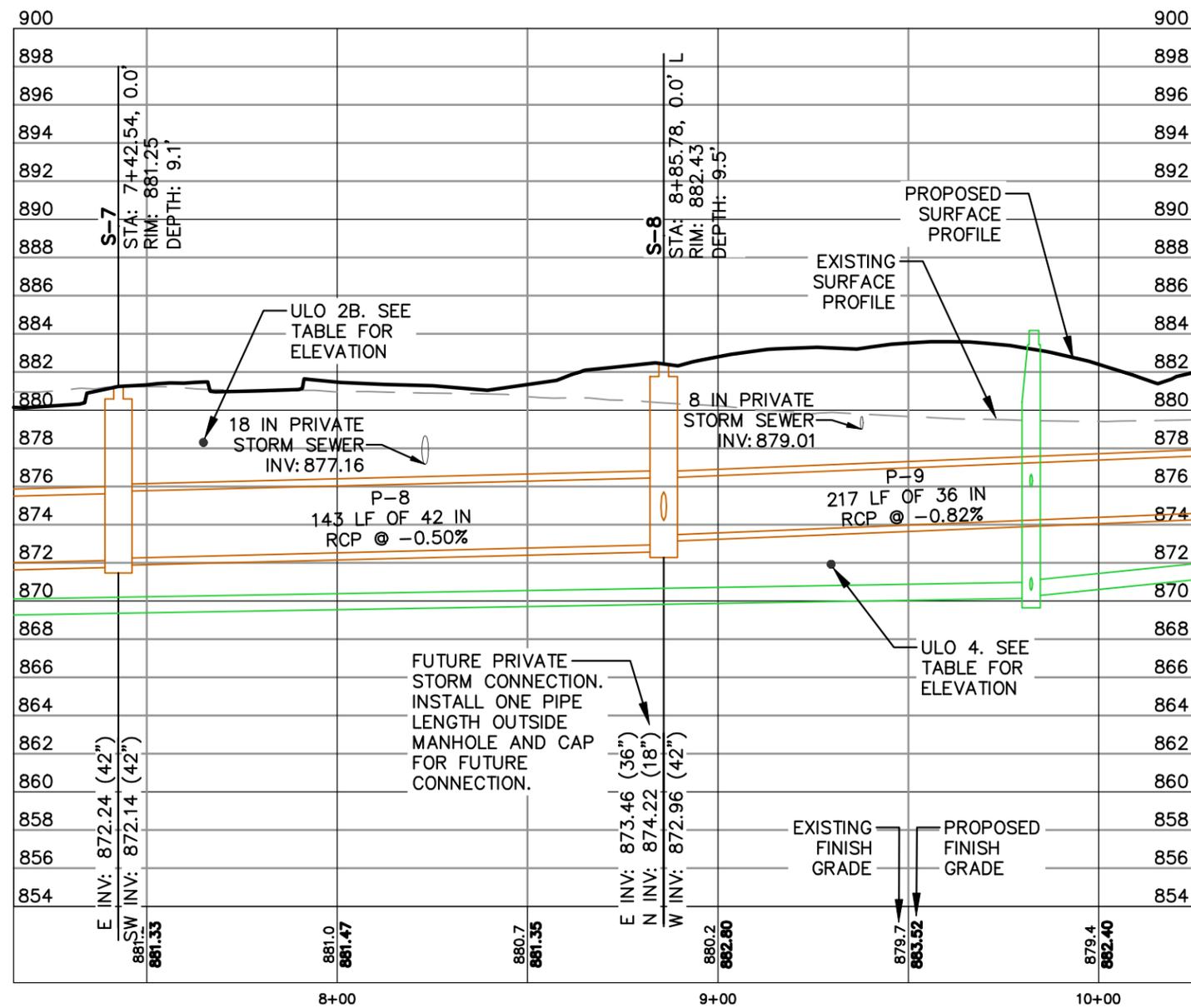
#	Date:	Description:
1	01.05.26	NOT FOR CONSTRUCTION
2	01.16.26	FINAL STORM REVIEW
3	01.29.26	NFC REVISIONS
4	02.03.26	NFC REVISIONS
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		

Designed By: CAC  
 Reviewed By: MRH  
 Approved By: MRH

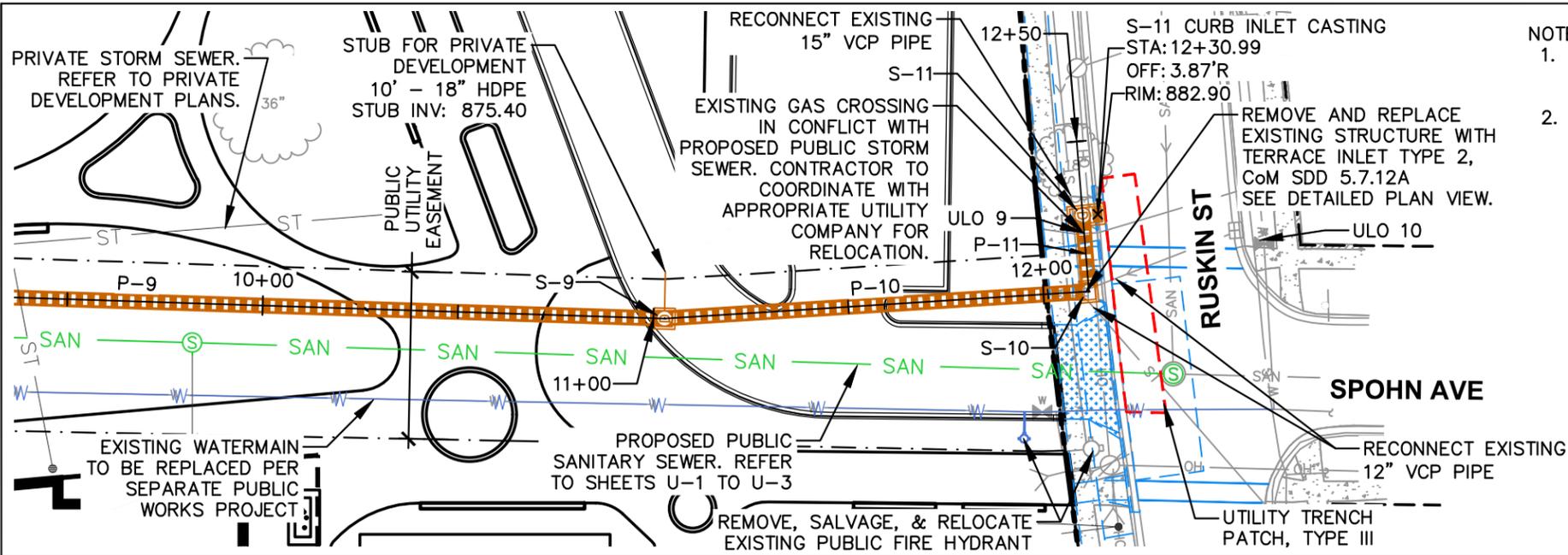
SHEET TITLE:  
**STORM SEWER PLAN & PROFILE - NORTHWEST**

SHEET NUMBER:  
**U-8**

JSD PROJECT NO: 24-14661-PUB

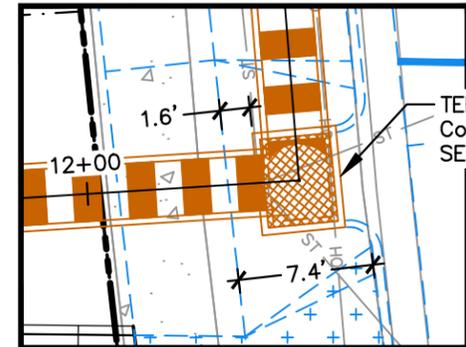


**DIGGERS ON CALL**  
 Toll Free (800) 242-8511

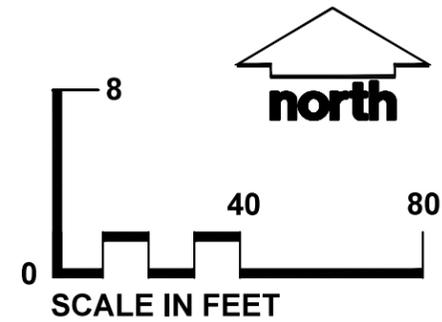
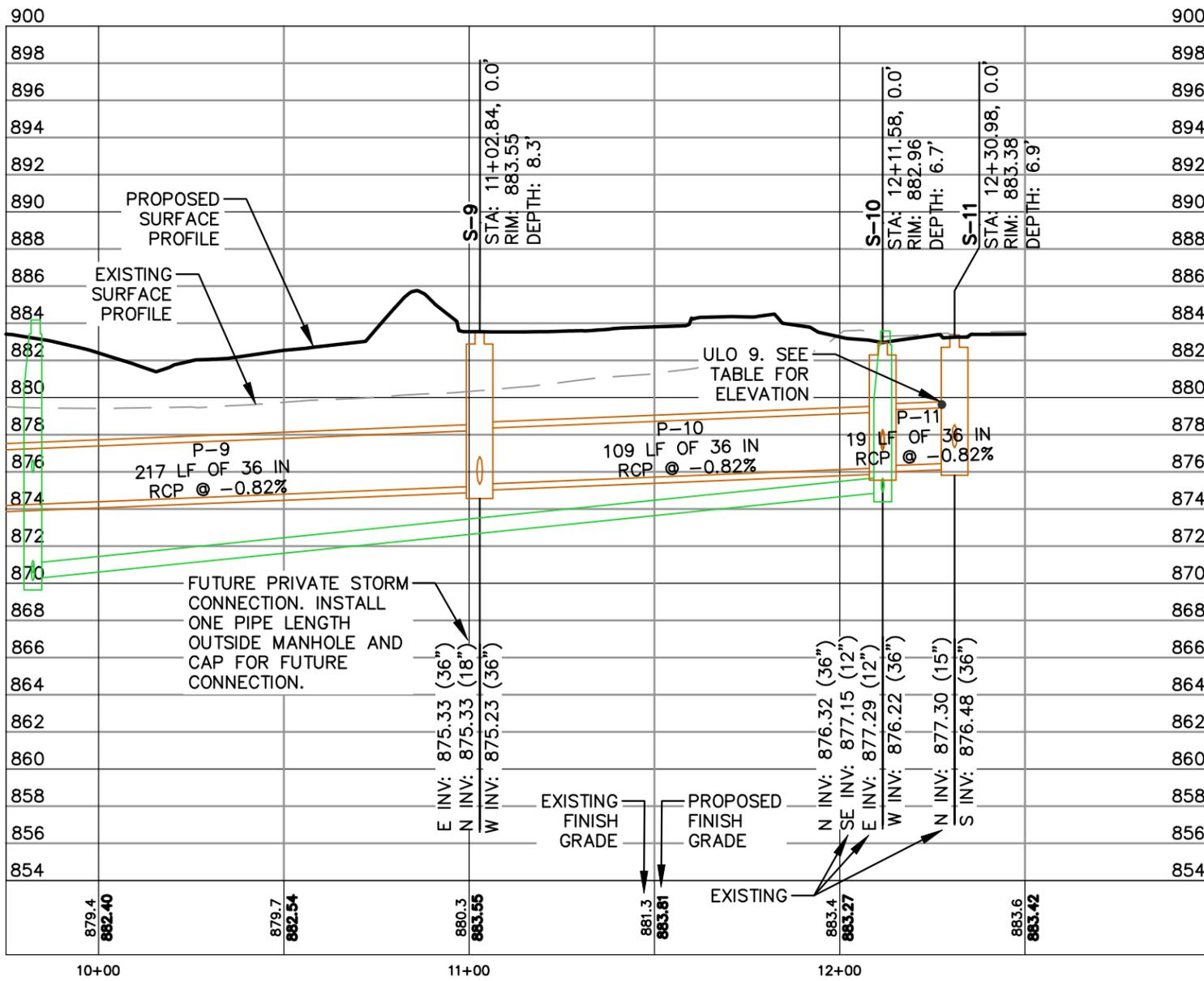


NOTES:

1. REMOVE SIDEWALK AND CURB AS NEEDED TO INSTALL STORM SEWER MAIN IN RUSKIN STREET. SEE P SHEETS FOR SIDEWALK AND CURB RESTORATION LIMITS.
2. TRENCH PATCH TYPE III SHALL BE USED TO PATCH AREAS DISTURBED BY PUBLIC UTILITY INSTALLATION IN EXISTING ROADWAYS. SEE P SHEETS FOR MILL & OVERLAY LIMITS AND PM SHEETS FOR NEW PAVEMENT MARKINGS.



TERRACE INLET DETAILED PLAN VIEW  
1" = 10'



CREATE THE VISION TELL THE STORY

jsdinc.com

MADISON REGIONAL OFFICE  
507 WEST VERONA AVENUE, SUITE 500  
VERONA, WISCONSIN 53593  
P. 608.848.5060

CLIENT:  
Madison Metro School District

CLIENT ADDRESS:  
545 West Dayton Street  
Madison, WI 53703

PROJECT:  
Sherman Middle School & Malcolm Shabazz City High School  
CITY PROJECT #: 16035; CONTRACT #: 9710

PROJECT LOCATION:  
1522 Ruskin St/1437 N Sherman Ave  
Madison, WI 53704  
Dane County

PLAN MODIFICATIONS:

#	Date:	Description:
1	01.05.26	NOT FOR CONSTRUCTION
2	01.16.26	FINAL STORM REVIEW
3	01.29.26	NFC REVISIONS
4	02.03.26	NFC REVISIONS
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		

Designed By: CAC  
Reviewed By: MRH  
Approved By: MRH

SHEET TITLE:  
STORM SEWER PLAN & PROFILE - NORTHEAST

SHEET NUMBER:  
**U-9**

JSD PROJECT NO: 24-14661-PUB

PROPOSED STORM SEWER STRUCTURE TABLE

LABEL	STATION	OFFSET	TYPE	RIM EL. (FT)	INVERT EL. (FT)	DEPTH (FT)	FRAME & GRATE
S-0	0+36.72	-0.00	3X3 CIP	871.21	E INV: 867.11 (24 IN RCP) N INV: 867.26 (24 IN RCP) W INV: 867.16 (18 IN RCP)	4.1	R-1550 SOLID LID
S-1	1+87.20	-0.00	5X5 CIP	879.14	S INV: 868.38 (24 IN RCP) S INV: 873.00 (48 IN RCP) E INV: 868.47 (30 IN HDPE) N INV: 868.47 (48 IN RCP)	10.8	R-1550 SOLID LID
S-1.1A	0+60.42	-0.00	H INLET	872.00	S INV: 867.43 (24 IN RCP) N INV: 867.43 (24 IN RCP)	4.6	R-1878-B7G
S-1B	1+68.83	R-0.05	48" RCP AE	877.42	N INV: 873.00 (48 IN RCP)	0.0	ENDWALL PIPE GATE PER SDD 5.6.1
S-2	2+37.78	-0.00	6X6 CIP	878.75	S INV: 868.72 (48 IN RCP) W INV: 868.82 (48 IN RCP)	10.0	R-1550 SOLID LID (TWIN CASTINGS)
S-3	3+38.02	-0.00	6X6 CIP	879.16	E INV: 869.32 (48 IN RCP) N INV: 869.42 (48 IN RCP) SW INV: 872.42 (12 IN HDPE)	9.8	R-1550 SOLID LID (TWIN CASTINGS)
S-4	4+88.94	-0.00	6X6 CIP	880.07	S INV: 870.17 (48 IN RCP) N INV: 870.27 (48 IN RCP)	9.9	R-1550 SOLID LID (TWIN CASTINGS)
S-5	5+79.92	L-0.00	5X5 CIP	878.53	S INV: 870.73 (48 IN RCP) N INV: 871.23 (42 IN RCP) E INV: 871.83 (18 IN HDPE)	7.8	R-1550 SOLID LID
S-6	6+98.73	-0.00	6X6 CIP	880.48	S INV: 871.82 (42 IN RCP) NE INV: 871.92 (42 IN RCP)	8.7	R-1550 SOLID LID (TWIN CASTINGS)
S-7	7+42.54	-0.00	6X6 CIP	881.25	SW INV: 872.14 (42 IN RCP) E INV: 872.24 (42 IN RCP)	9.1	R-1550 SOLID LID (TWIN CASTINGS)
S-8	8+85.78	L-0.02	5X5 CIP	882.43	W INV: 872.96 (42 IN RCP) E INV: 873.46 (36 IN RCP) N INV: 874.22 (18 IN HDPE)	9.5	R-1550 SOLID LID
S-9	11+02.84	-0.00	4X4 CIP	883.55	W INV: 875.23 (36 IN RCP) E INV: 875.33 (36 IN RCP) N INV: 875.33 (18 IN HDPE)	8.3	R-1550 SOLID LID
S-10	12+11.58	-0.00	TERRACE INLET TYPE 2	882.96	W INV: 876.22 (36 IN RCP) N INV: 876.32 (36 IN RCP) SE INV: 877.15 (12 IN RCP) E INV: 877.29 (12 IN RCP)	6.7	NEENAH COMPONENT #3808007 CONSTRUCT IN ACCORDANCE WITH SDD 5.7.12A
S-11	12+30.98	-0.00	4X8 CIP	883.38	S INV: 876.48 (36 IN RCP) N INV: 877.30 (15 IN RCP)	6.9	TWIN CASTINGS (SEE NOTE BELOW)

- S-11 NOTES:  
 1. TO BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DETAIL DRAWING 5.7.4  
 2. TWIN CASTINGS TO BE INSTALLED AS FOLLOWS:  
 2.1. R-1550 SOLID LID IN TERRACE. STATION, OFFSET, AND RIM AS SHOWN IN TABLE ABOVE  
 2.2. R-3067 TYPE V CURB INLET. SEE SHEET U-9 FOR STATION, OFFSET, AND RIM ELEVATION

STANDARD NOTES

- REFER TO SHEET U-11 FOR TERRACE INLET DETAILS.
- ALL STORM SAS STRUCTURES TO BE FIELD POURED.
- ALL REBAR FOR FIELD POURED STRUCTURES SHALL BE EPOXY COATED. ANY EXPOSED STEEL SHALL BE TOUCHED UP OR RECOATED PRIOR TO USE.
- 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.
- ABBREVIATIONS:
  - AE = APRON ENDWALL
  - RCP = REINFORCED CONCRETE PIPE
  - DNA = DOES NOT APPLY
  - SAS = SEWER ACCESS STRUCTURE
  - FP = FIELD POURED STRUCTURE
- APPROXIMATE DISCHARGE E.I. GIVEN, ADJUST E.I. AND PIPE SLOPE IN THE FIELD.
- TOP OF CASTING GRADE GIVEN IS THE FLOWLINE OF THE CLOSED CASTINGS FOR SASs.
- TOP OF CONCRETE ROOF (TR) IS 1.25 BELOW TOP OF CASTING UNLESS OTHERWISE NOTED.
- ALL REINFORCED CONCRETE PIPES TO BE CLASS III UNLESS OTHERWISE NOTED.
- 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 TIM TROESTER OF CITY ENGINEERING AT (608) 267-1995 FOR PRECAST APPROVALS, EMAIL SHOP DRAWINGS TO TROESTER@CITYOFMADISON.COM

PROPOSED STORM SEWER PIPE TABLE

LABEL	FROM	TO	LENGTH	DOWNSTREAM	UPSTREAM	SLOPE	SIZE & MATERIAL
P-1.1A	S-0	S-1.1A	24'	867.26	867.43	0.75%	24 IN RCP
P-1.2A	S-1.1A	S-1	127'	867.43	868.38	0.75%	24 IN RCP
P-1B	S-1B	S-1	18'	873.00	873.00	0.00%	48 IN RCP
P-2	S-1	S-2	51'	868.47	868.72	0.50%	48 IN RCP
P-3	S-2	S-3	100'	868.82	869.32	0.50%	48 IN RCP
P-4	S-3	S-4	151'	869.42	870.17	0.50%	48 IN RCP
P-5	S-4	S-5	91'	870.27	870.73	0.50%	48 IN RCP
P-6	S-5	S-6	119'	871.23	871.82	0.50%	42 IN RCP
P-7	S-6	S-7	44'	871.92	872.14	0.50%	42 IN RCP
P-8	S-7	S-8	143'	872.24	872.96	0.50%	42 IN RCP
P-9	S-8	S-9	217'	873.46	875.23	0.82%	36 IN RCP
P-10	S-9	S-10	109'	875.33	876.22	0.82%	36 IN RCP
P-11	S-10	S-11	19'	876.32	876.48	0.82%	36 IN RCP

REMOVE STORM STRUCTURES

LABEL	STRUCTURE ASSET I.D.	STATION	OFFSET	TYPE
R-0	AS 5533-002	50+36.72	-0.00	ACCESS
R-1	IN 5533-008	51+78.36	-0.00	INLET
R-2	AS 5532-001	57+62.57	L-0.00	ACCESS
R-2.1	IN 5532-005	57+68.97	R-0.40	INLET
R-2.2	UNKNOWN	57+49.70	R-20.68	INLET

REMOVE STORM PIPES

LABEL	FROM	TO	LENGTH	SIZE & MATERIAL
RP-1A	R-1	R-0	142'	21 IN VCP
RP-1B		R-0	15'	8 IN HDPE
RP-2	R-2	R-1	584'	18 IN VCP
RP-2.1	R-2.1	R-2	6'	12 IN VCP
RP-2.2	R-2.2	R-2	24'	12 IN VCP
RP-2.3		R-2	19'	15 IN VCP



CREATE THE VISION TELL THE STORY

jsdinc.com

MADISON REGIONAL OFFICE  
 507 WEST VERONA AVENUE, SUITE 500  
 VERONA, WI 53593  
 P. 608.848.5060

CLIENT:  
**Madison Metro School District**

CLIENT ADDRESS:  
 545 West Dayton Street  
 Madison, WI 53703

PROJECT:  
**Sherman Middle School & Malcolm Shabazz City High School**

CITY PROJECT #: 16035; CONTRACT #: 9710

PROJECT LOCATION:  
 1522 Ruskin St/1437 N Sherman Ave  
 Madison, WI 53704  
 Dane County

PLAN MODIFICATIONS:

#	Date	Description
1	01.05.26	NOT FOR CONSTRUCTION
2	01.16.26	FINAL STORM REVIEW
3	01.29.26	NFC REVISIONS
4	02.03.26	NFC REVISIONS
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		

Designed By: CAC  
 Reviewed By: MRH  
 Approved By: MRH

SHEET TITLE:  
**STORM SEWER SCHEDULE**

SHEET NUMBER:

**U-10**



Toll Free (800) 242-8511

JSD PROJECT NO: 24-14661-PUB

PLAN MODIFICATIONS:

#	Date	Description
1	01.05.26	NOT FOR CONSTRUCTION
2	01.16.26	FINAL STORM REVIEW
3	01.29.26	NFC REVISIONS
4	02.03.26	NFC REVISIONS
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		

Designed By: CAC  
Reviewed By: MRH  
Approved By: MRH

SHEET TITLE:  
**TERRACE INLET DETAIL**

SHEET NUMBER:  
**U-11**

JSD PROJECT NO: 24-14661-PUB

