



Department of Public Works  
**Engineering Division**  
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**Deputy Division Manager**  
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**Principal Engineer 2**  
John S. Fahrney, P.E.  
Christopher J. Petykowski, P.E.  
Janet Schmidt, P.E.  
**Principal Engineer 1**  
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**Facilities & Sustainability**  
Bryan Cooper, Principal Architect  
**Mapping Section Manager**  
Eric T. Pederson, P.S.  
**Financial Manager**  
Steven B. Danner-Rivers

January 19, 2021

NOTICE OF ADDENDUM  
ADDENDUM NO. 1  
CONTRACT NO. 8504  
CEDAR STREET ASSESSMENT DISTRICT – 2021 & SOUTH STREET, HIGH STREET, AND WEST  
WINGRA DRIVE ASSESSMENT DISTRICT – 2021

Revise and amend the contract document(s) for the above project as stated in this addendum, otherwise, the original document shall remain in effect.

**SPECIAL PROVISIONS:**

ADD PARAGRAPH UNDER HEADING EXISTING ITEMS TO REMAIN IN SECTION 105.12 COOPERATION BY THE CONTRACTOR WITH THE FOLLOWING:

**Wingra Creek**

Where work to install the storm sewer outfall extends into Wingra Creek, the work from start to completion is allowed for a total duration of three (3) weeks-time, starting April 1<sup>st</sup>, 2021. Work may start earlier, if possible, and is preferred by WDNR. Disturbance extending waterward into Wingra Creek is limited to 15-foot maximum. The Contractor shall contact Dan Oele, WDNR, (608)275-3225), and Weston Matthews, (WDNR), (715) 460-4089, prior to starting work within Wingra Creek.

REMOVE AND REPLACE SECTION BID ITEM 90035 3' X 4' BOX CULVERT - INSTALLATION WITH THE FOLLOWING:

**DESCRIPTION**

This item shall include all work and coordination necessary to provide and install the 3' x 4' box culvert as shown on the plan set, and as detailed here. This includes all joint material, bedding and backfill as described.

A box culvert structural design is required for this bid item and shall be the responsibility of the contractor to provide upon approval of any materials by the City Engineer or their designee. All material submittals must be approved and stamped by a Professional Engineer licensed in the State of Wisconsin. The box shall be manufactured, provided, and installed with the appropriate amount of reinforcing steel, as specified in the structural design. This special provision specifies the dimensions and structural design standards required for this box culvert. The box culvert design and fabrication shall be in accordance with the Specification for Precast Reinforced Concrete Monolithic Box Sections for Culverts, Storm Drains, and Sewers Designed According to AASHTO LRFD, ASTM C1577 – 19 and AASHTO LRFD Specifications, using the controlling cover depth along the profile of the box.

This item includes all necessary removal and disposal of, off site at a location to be provided by the Contractor, excess trench excavation. Further, the work under this item includes stockpiling and reuse of trench spoils for

backfill of the trench.

The Contractor shall be responsible for coordinating delivery of the box, unloading and other incidentals associated with the installation.

All necessary shoring and protection of existing utilities is included in the price of the box culvert installation.

The Contractor shall abide by the following guidelines when installing the box culvert:

- 1) The subgrade for the boxes shall have filter fabric (paid under BID ITEM 20241 - RIPRAP FILTER FABRIC, TYPE HR) placed on all exposed subgrade areas prior to placement of the bedding stone for the boxes.
- 2) One (1) foot of three (3) inch clear stone shall then be placed on the geotextile as bedding stone. Clear stone shall be paid separately under BID ITEM – 20217 CLEAR STONE.
- 3) Those portions of the box culvert under the pavement structure backfill shall be in accord with SDD 5.2.1 & SDD 5.2.2. Once placed, the backfill material shall be compacted to a standard Proctor compaction of 90%. Provision and placement of backfill is included in the price of BID ITEM 50211 – SELECT BACKFILL FOR STORM SEWER.
- 4) Joint sealing shall be included in the price of this bid item and the joints between box culvert sections shall be required in accordance with City of Madison Standard Specifications for Public Works Construction latest edition Section 505.3(a) and shall be sealed as follows:
  - a) The full interior of the joints of the box shall be sealed with cold plastic trowelable sewer joint compound or two (2) appropriately sized mastic “ropes” (commonly used products include Pro-Stik & EZ-Stik) around the entire joint of the box.
  - b) The exterior joints of the box shall be sealed with a 12” wide butyl exterior joint wrap (common products include EZ-Wrap & ConSeal). The exterior joints shall be fully wrapped on the sides and roof of each box joint.
  - c) If multiple, parallel, box installations are called for, the spacing between exterior walls of the boxes shall include a three (3) inch horizontal separation, at minimum, and this separation space shall be maintained between the boxes along the entire run. The void between the boxes shall be filled with TYPE A Slurry Mix as specified in Section 301.9 of the Specifications.

**METHOD OF MEASUREMENT**

3’ x 4’ BOX CULVERT – INSTALLATION, shall be measured by the centerline lineal foot for box culvert provided and installed. Also included in measurement is any field pour or precast bends installed to follow the plan alignment.

**BASIS OF PAYMENT**

3’ x 4’ BOX CULVERT – INSTALLATION, as measured above, shall be considered full compensation for all work, materials, and incidentals required to complete the work as described above.

**PROPOSAL**

Items have been revised, removed, and added to the proposal. See Bid Express.

Action	Bid Item	Description
REVISED	20217	CLEAR STONE
REVISED	20241	RIPRAP FILTER FABRIC, TYPE HR
ADDED	40321	UNDERCUT

**PLANS:**

P-5, P-6, & P-7: Updated plans with additional tree removals.

U-1 – U-8: Revised plans to updated undercut information.

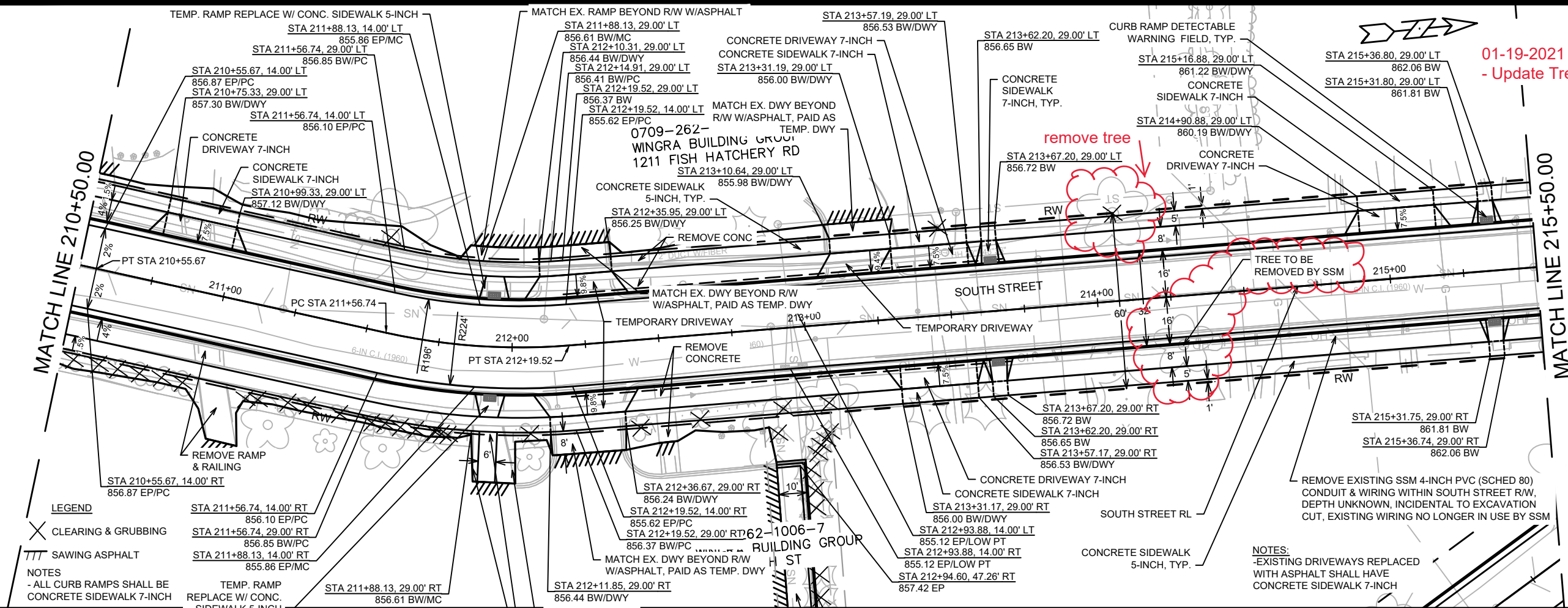
Sincerely,

*Robert F. Phillips*

Robert F. Phillips, P.E.  
City Engineer

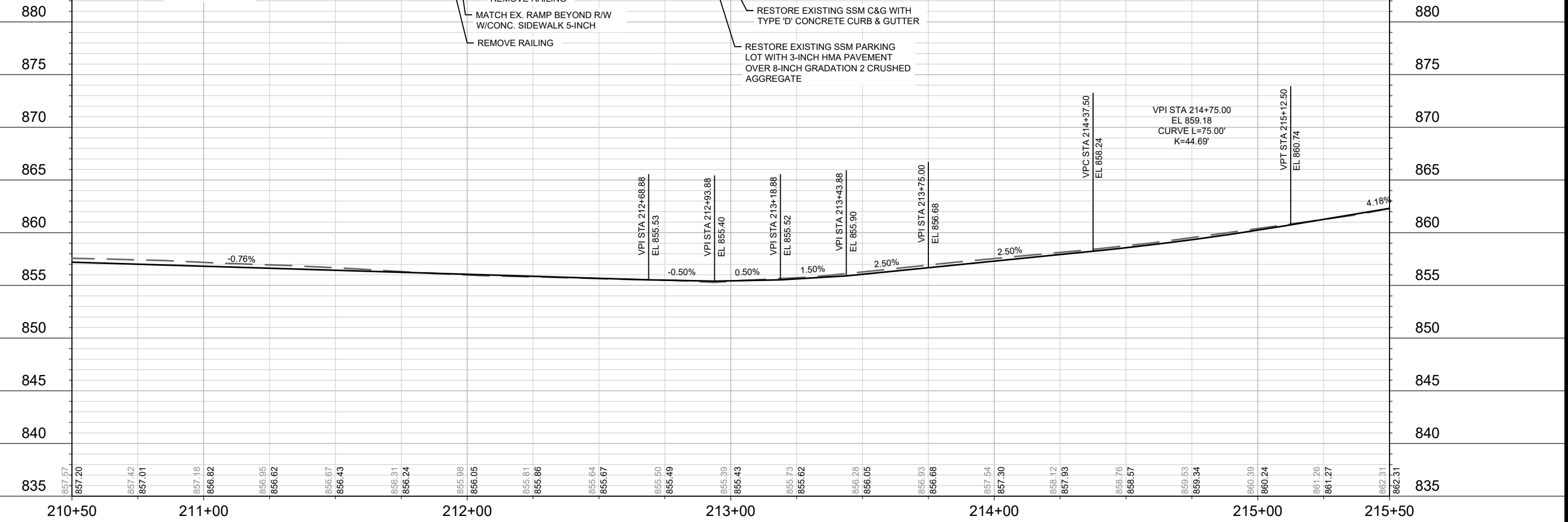
RFP:AJZ

01-19-2021 Addenda 1 AJZ  
 - Update Tree Removal Information



**LEGEND**  
 X CLEARING & GRUBBING  
 SAWING ASPHALT  
**NOTES**  
 - ALL CURB RAMPS SHALL BE CONCRETE SIDEWALK 7-INCH

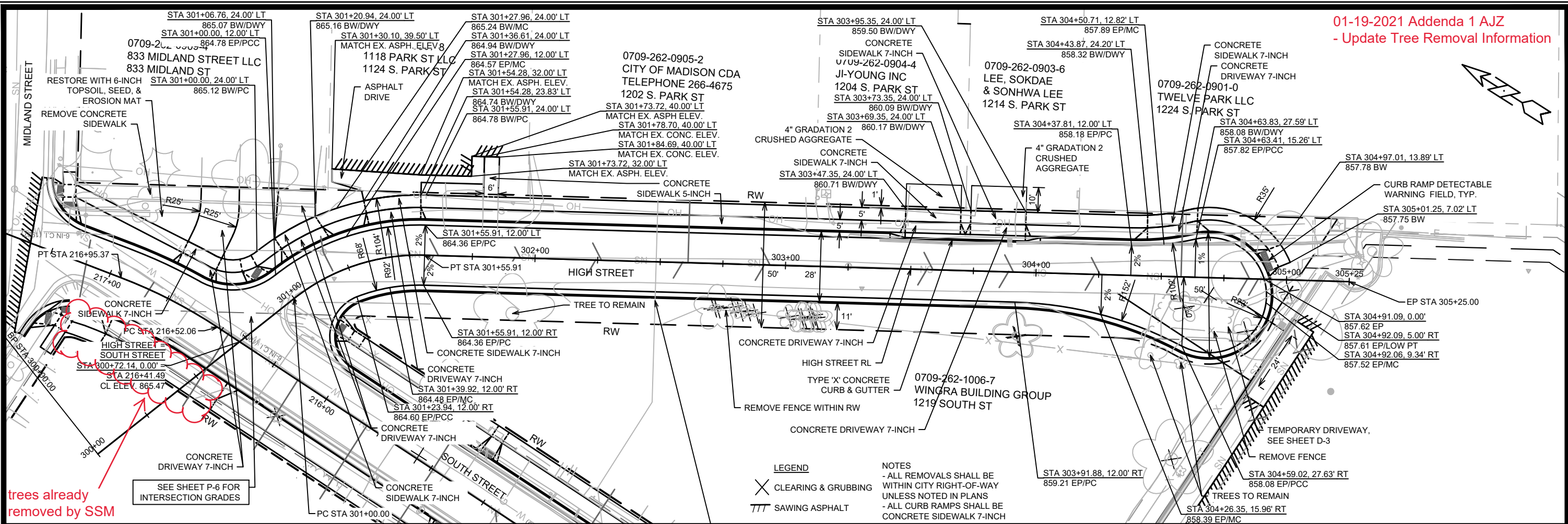
**NOTES:**  
 -EXISTING DRIVEWAYS REPLACED WITH ASPHALT SHALL HAVE CONCRETE SIDEWALK 7-INCH  
 REMOVE EXISTING SSM 4-INCH PVC (SCHED 80) CONDUIT & WIRING WITHIN SOUTH STREET R/W, DEPTH UNKNOWN, INCIDENTAL TO EXCAVATION CUT, EXISTING WIRING NO LONGER IN USE BY SSM



DATE	BY	Scale: 1" = 40'	P-5
REVISION	DATE		
MARK	DESIGNED BY: AJZ	12956	
12956		MADISON, WI	8504
SOUTH STREET PLAN AND PROFILE		CONTRACT NO:	
CEDAR ST, SOUTH ST, HIGH ST, WINGRA DR PROJECT		M:\DESIGN\Projects\11866\CAD\Plan Sheets\12956EN-PnP SouthSt.dwg	
		12956	P-5



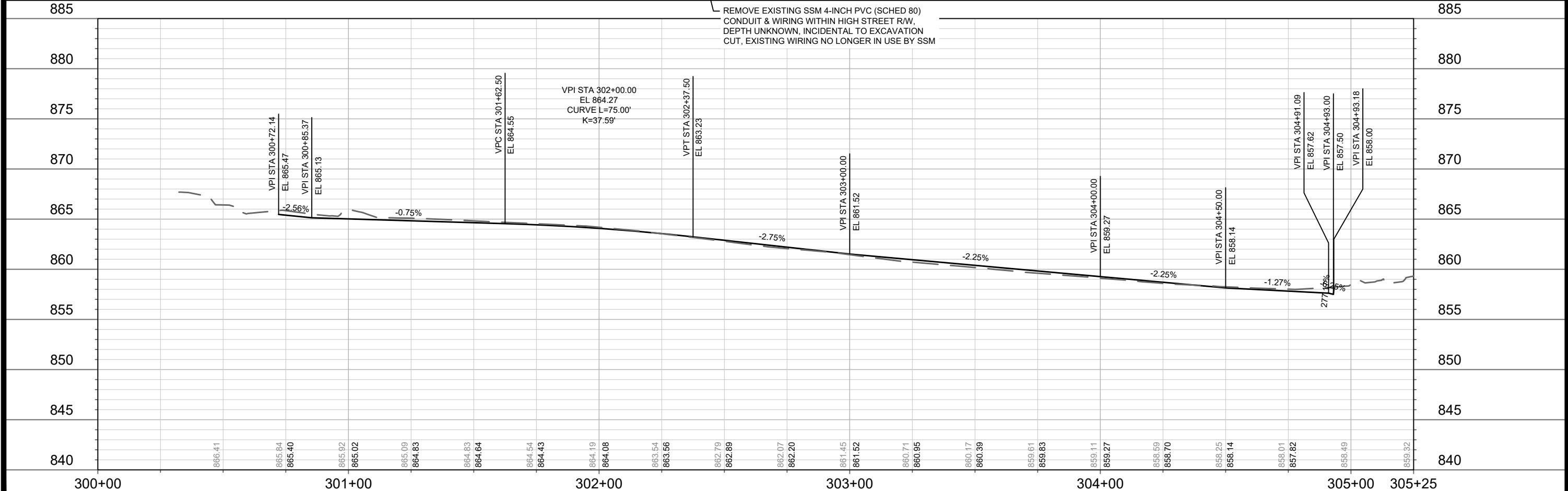
01-19-2021 Addenda 1 AJZ  
 - Update Tree Removal Information



trees already removed by SSM

**LEGEND**  
 X CLEARING & GRUBBING  
 /// SAWING ASPHALT

**NOTES**  
 - ALL REMOVALS SHALL BE WITHIN CITY RIGHT-OF-WAY UNLESS NOTED IN PLANS  
 - ALL CURB RAMPS SHALL BE CONCRETE SIDEWALK 7-INCH

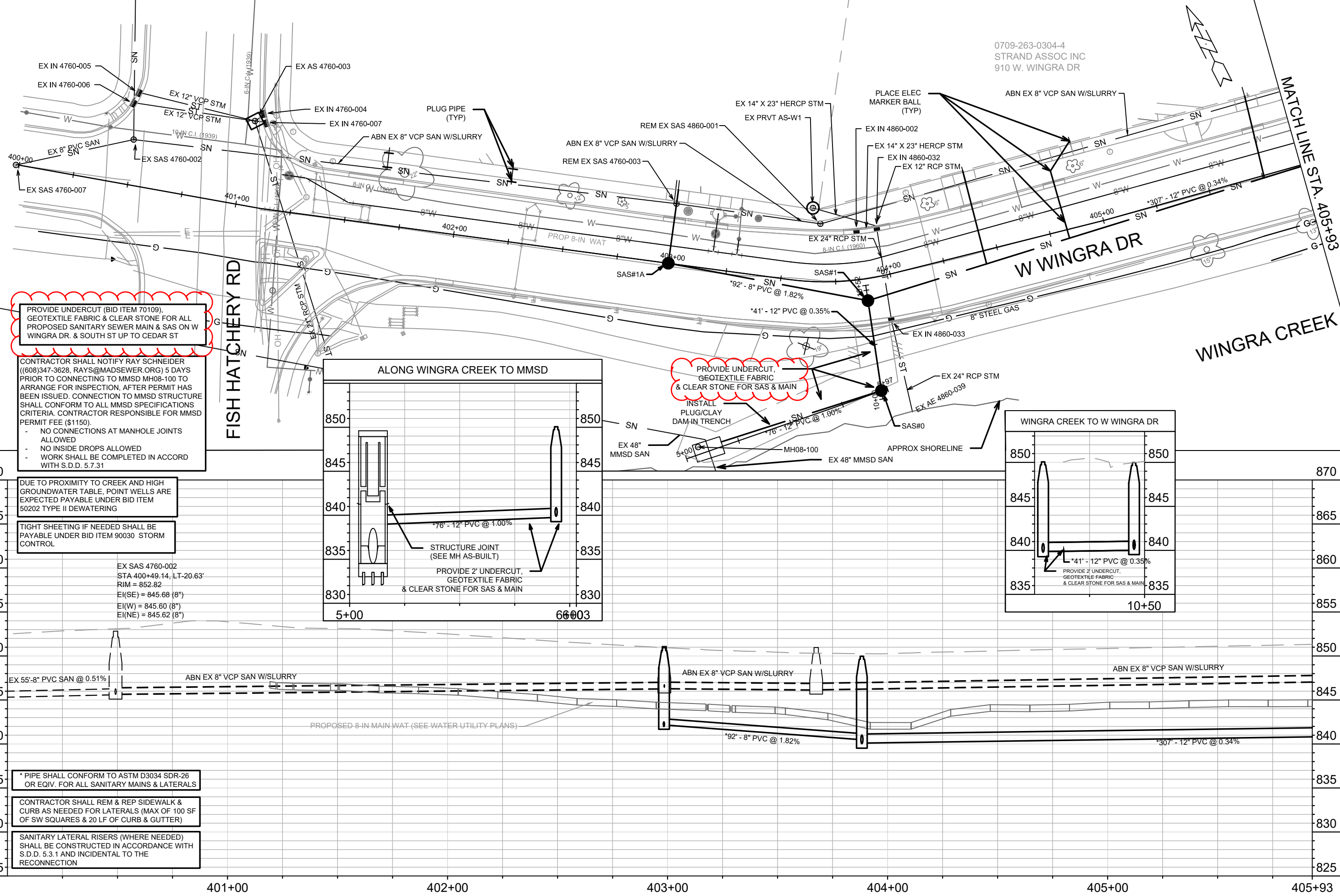


REMOVE EXISTING SSM 4-INCH PVC (SCHED 80) CONDUIT & WIRING WITHIN HIGH STREET R/W. DEPTH UNKNOWN, INCIDENTAL TO EXCAVATION CUT, EXISTING WIRING NO LONGER IN USE BY SSM

DATE	BY
REVISION	
MARK	
DESIGNED BY: AJZ	DATE: 1/13/2021 9:07 AM
12956	
P-7	

12956  
 MADISON, WI  
 8504  
 CONTRACT NO:

HIGH STREET PLAN AND PROFILE  
 HIGH STREET (SOUTH STREET TO CUL-DE-SAC)  
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PROVIDE UNDERCUT (BID ITEM 70109), GEOTEXTILE FABRIC & CLEAR STONE FOR ALL PROPOSED SANITARY SEWER MAIN & SAS ON W WINGRA DR. & SOUTH ST UP TO CEDAR ST

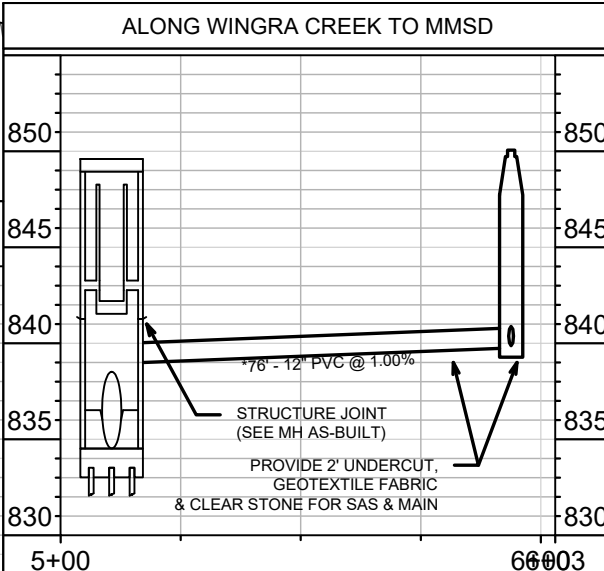
CONTRACTOR SHALL NOTIFY RAY SCHNEIDER ((608)347-3628, RAYS@MADSEWER.ORG) 5 DAYS PRIOR TO CONNECTING TO MMSD MH08-100 TO ARRANGE FOR INSPECTION. AFTER PERMIT HAS BEEN ISSUED, CONNECTION TO MMSD STRUCTURE SHALL CONFORM TO ALL MMSD SPECIFICATIONS CRITERIA. CONTRACTOR RESPONSIBLE FOR MMSD PERMIT FEE (\$1150).

- NO CONNECTIONS AT MANHOLE JOINTS ALLOWED
- NO INSIDE DROPS ALLOWED
- WORK SHALL BE COMPLETED IN ACCORD WITH S.D.D. 5.7.31

DUE TO PROXIMITY TO CREEK AND HIGH GROUNDWATER TABLE, POINT WELLS ARE EXPECTED PAYABLE UNDER BID ITEM 50202 TYPE II DEWATERING

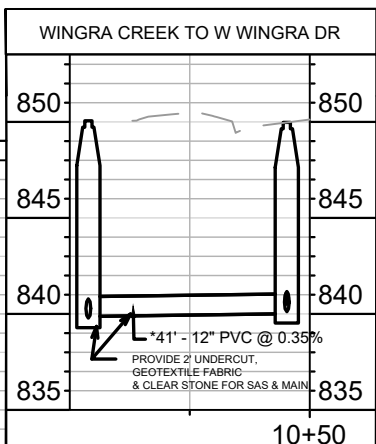
TIGHT SHEETING IF NEEDED SHALL BE PAYABLE UNDER BID ITEM 90030 STORM CONTROL

EX SAS 4760-002  
 STA 400+49.14, LT-20.63'  
 RIM = 852.82  
 EI(SE) = 845.68 (8")  
 EI(W) = 845.60 (8")  
 EI(NE) = 845.62 (8")



PROVIDE UNDERCUT, GEOTEXTILE FABRIC & CLEAR STONE FOR SAS & MAIN

INSTALL PLUG/CLAY DAM-IN TRENCH



\* PIPE SHALL CONFORM TO ASTM D3034 SDR-26 OR EQUIV. FOR ALL SANITARY MAINS & LATERALS

CONTRACTOR SHALL REM & REP SIDEWALK & CURB AS NEEDED FOR LATERALS (MAX OF 100 SF OF SW SQUARES & 20 LF OF CURB & GUTTER)

SANITARY LATERAL RISERS (WHERE NEEDED) SHALL BE CONSTRUCTED IN ACCORDANCE WITH S.D.D. 5.3.1 AND INCIDENTAL TO THE RECONNECTION

0709-263-0304-4  
 STRAND ASSOC INC  
 910 W. WINGRA DR

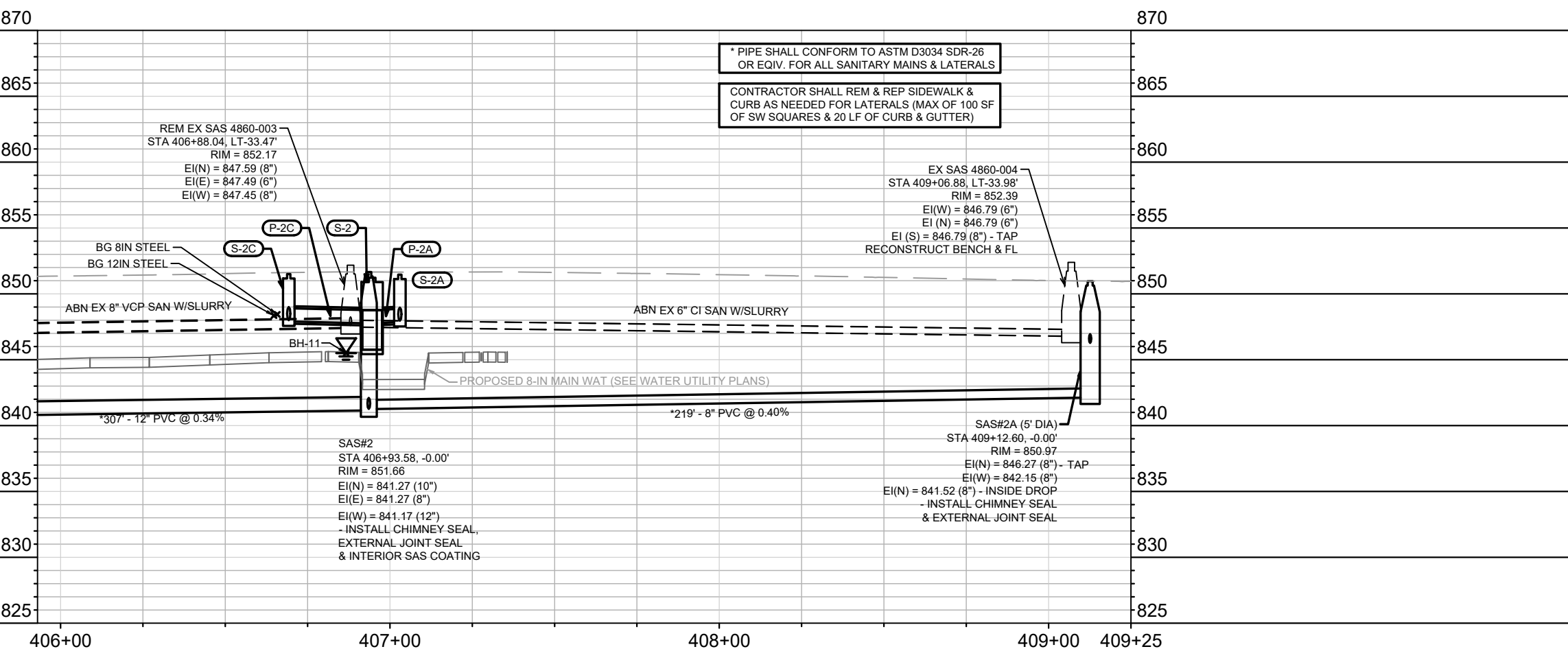
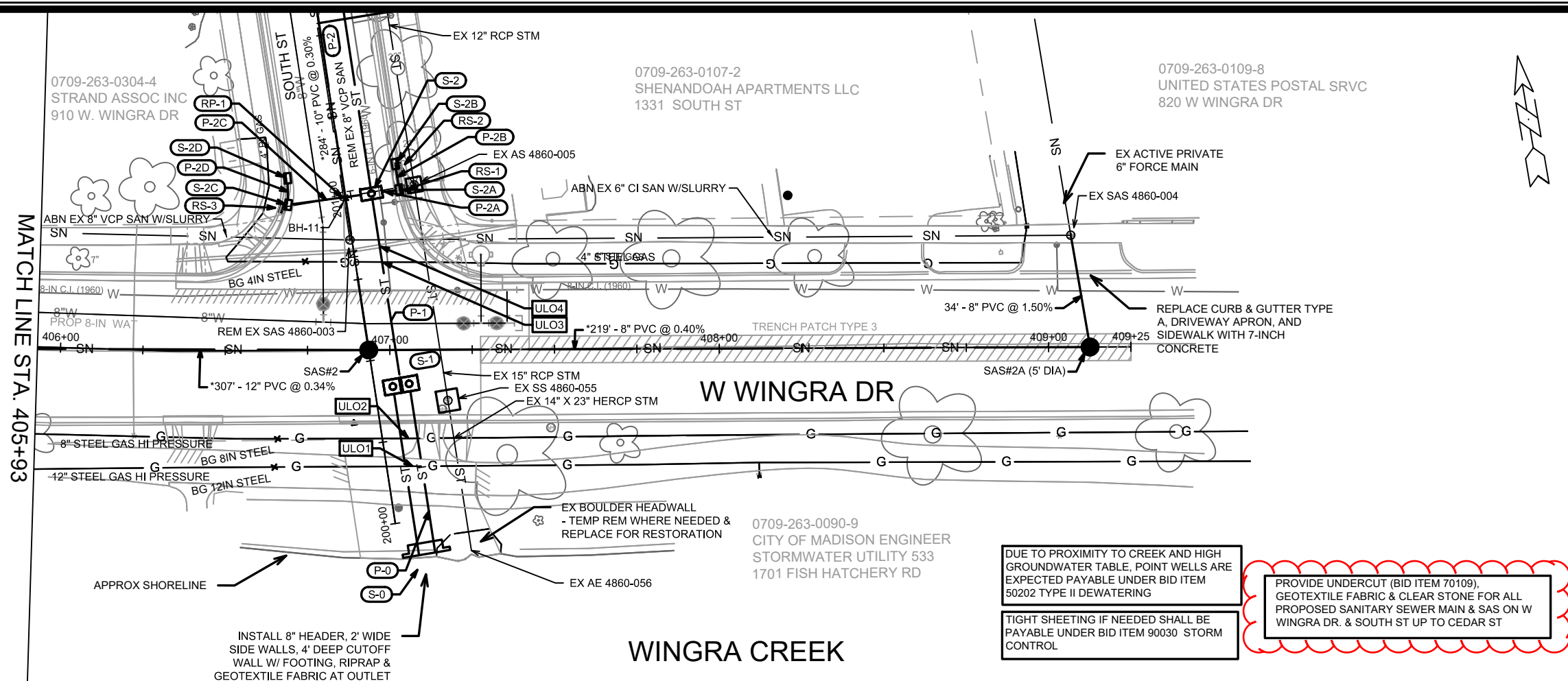
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	ADDENDUM 1	1/19/21	
DESIGNED BY	DATE	SCALE	
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PROJECT NO.	11866		

11866  
 MADISON, WI  
 CONTRACT NO.: 8504

UTILITY PLAN & PROFILE - W WINGRA DR  
 CEDAR ST, SOUTH ST, HIGH ST, WINGRA DR PROJECT  
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11866  
 U-1



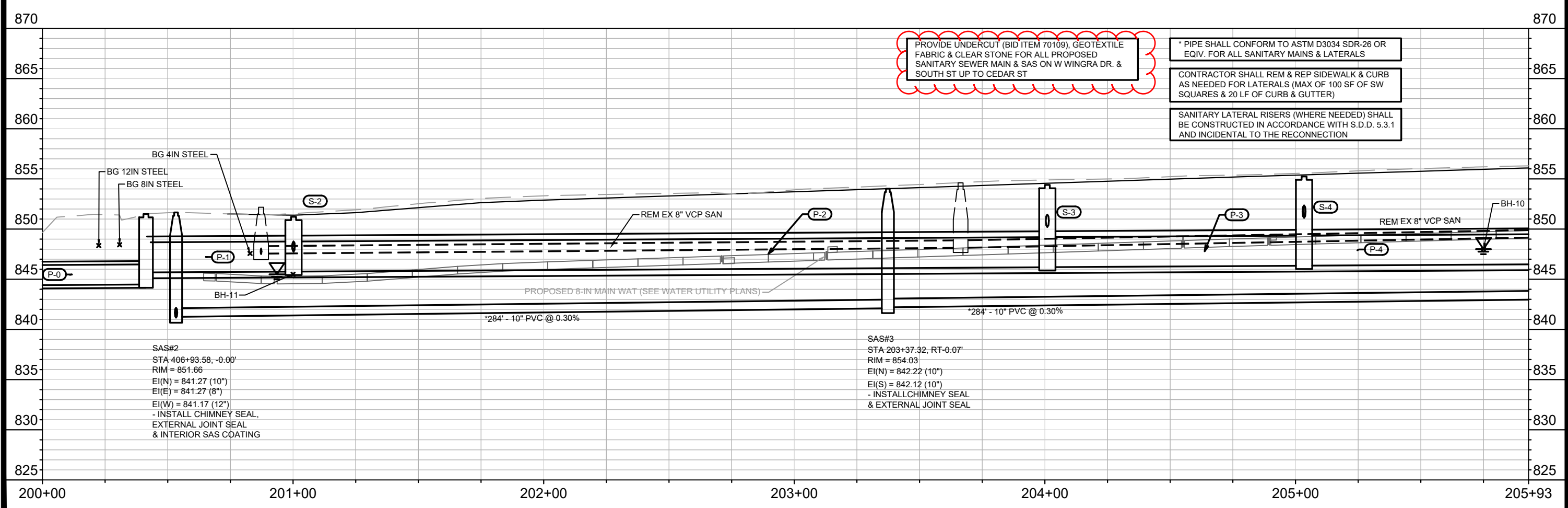
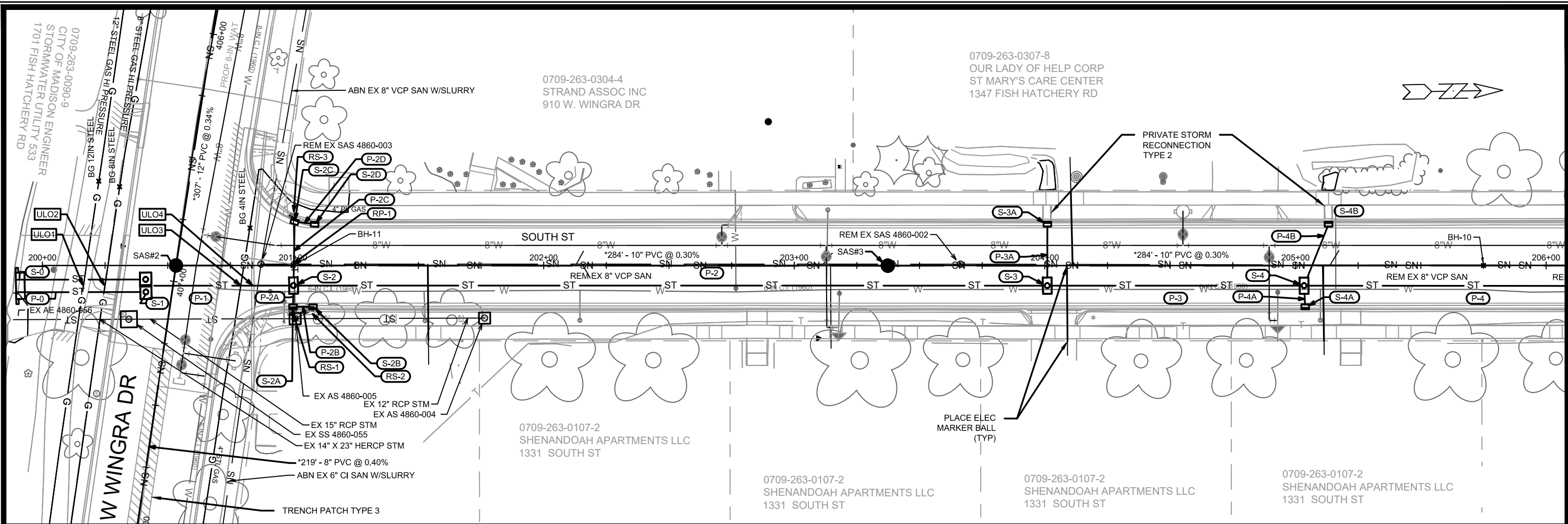
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11866	REVISION	1/19/21	DATE
11866	DESIGNED BY: ALZ	DATE: 1/15/2021 4:01 PM	Scale: 1" = 40'
11866	U-2		

11866	MADISON, WI	8504
CONTRACT NO:		
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CEDAR ST, SOUTH ST, HIGH ST, WINGRA DR PROJECT		
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11866	U-2	







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11866

MADISON, WI

8504

CONTRACT NO:

11866

U-3

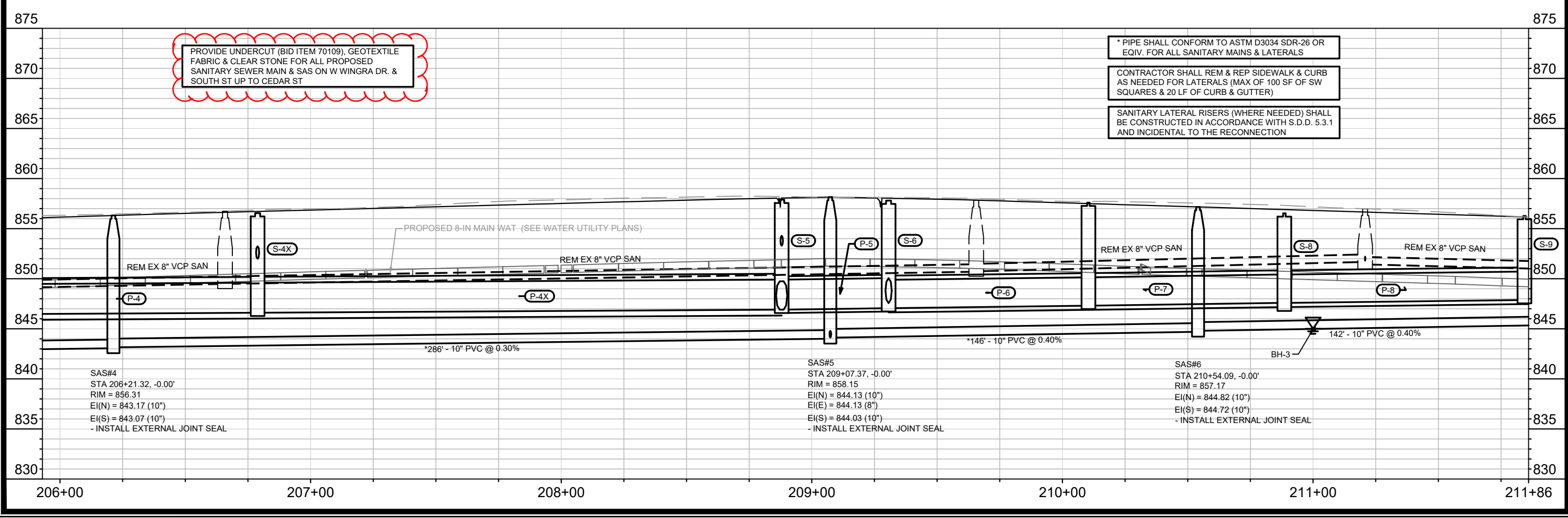
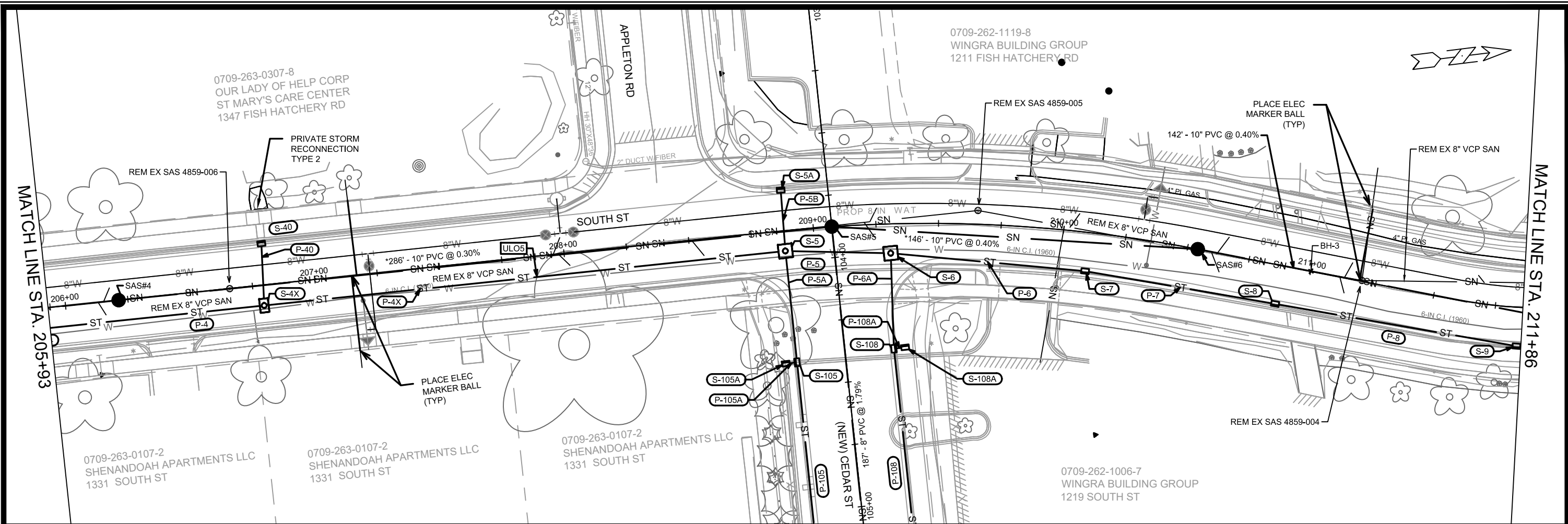
UTILITY PLAN & PROFILE - SOUTH ST

CEDAR ST, SOUTH ST, HIGH ST, WINGRA DR PROJECT

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11866

U-3



PROVIDE UNDERCUT (BID ITEM 70109), GEOTEXTILE FABRIC & CLEAR STONE FOR ALL PROPOSED SANITARY SEWER MAIN & SAS ON W WINGRA DR. & SOUTH ST UP TO CEDAR ST

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CONTRACTOR SHALL REM & REP SIDEWALK & CURB AS NEEDED FOR LATERALS (MAX OF 100 SF OF SW SQUARES & 20 LF OF CURB & GUTTER)

SANITARY LATERAL RISERS (WHERE NEEDED) SHALL BE CONSTRUCTED IN ACCORDANCE WITH S.D.D. 5.3.1 AND INCIDENTAL TO THE RECONNECTION

SAS#4  
 STA 206+21.32, -0.00'  
 RIM = 856.31  
 EI(N) = 843.17 (10")  
 EI(S) = 843.07 (10")  
 - INSTALL EXTERNAL JOINT SEAL

SAS#5  
 STA 209+07.37, -0.00'  
 RIM = 858.15  
 EI(N) = 844.13 (10")  
 EI(E) = 844.13 (8")  
 EI(S) = 844.03 (10")  
 - INSTALL EXTERNAL JOINT SEAL

SAS#6  
 STA 210+54.09, -0.00'  
 RIM = 857.17  
 EI(N) = 844.82 (10")  
 EI(S) = 844.72 (10")  
 - INSTALL EXTERNAL JOINT SEAL

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Designed By: ALZ	Date: 1/15/2021 4:03 PM	Scale: 1" = 40'	U-4

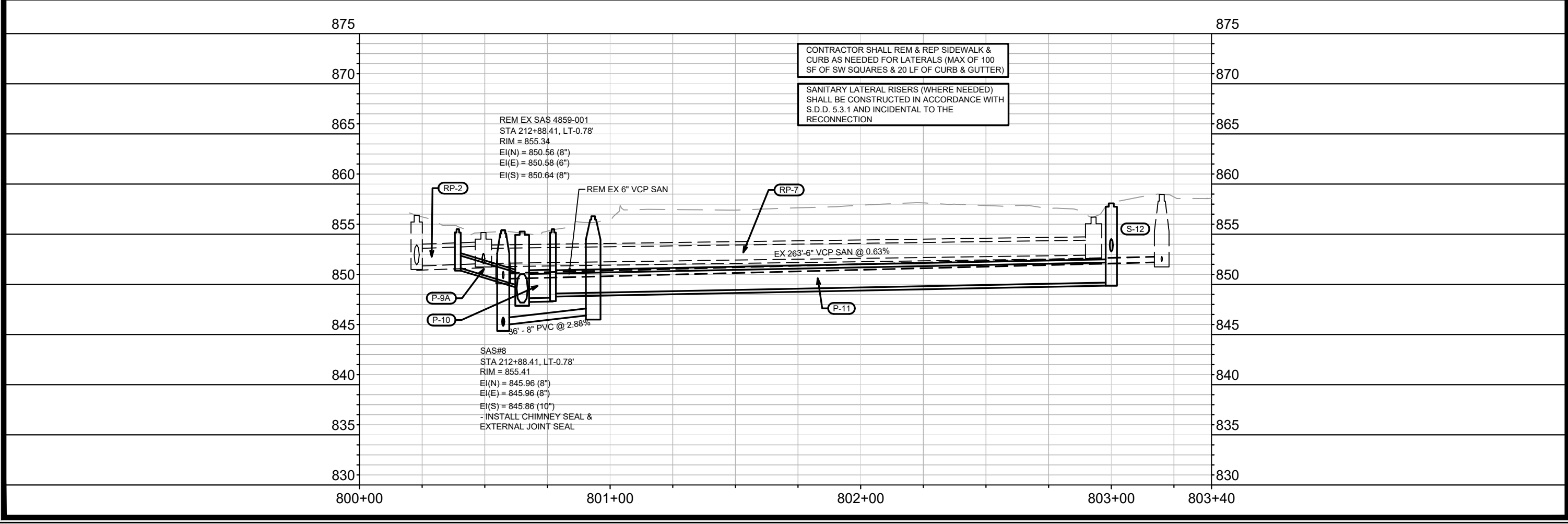
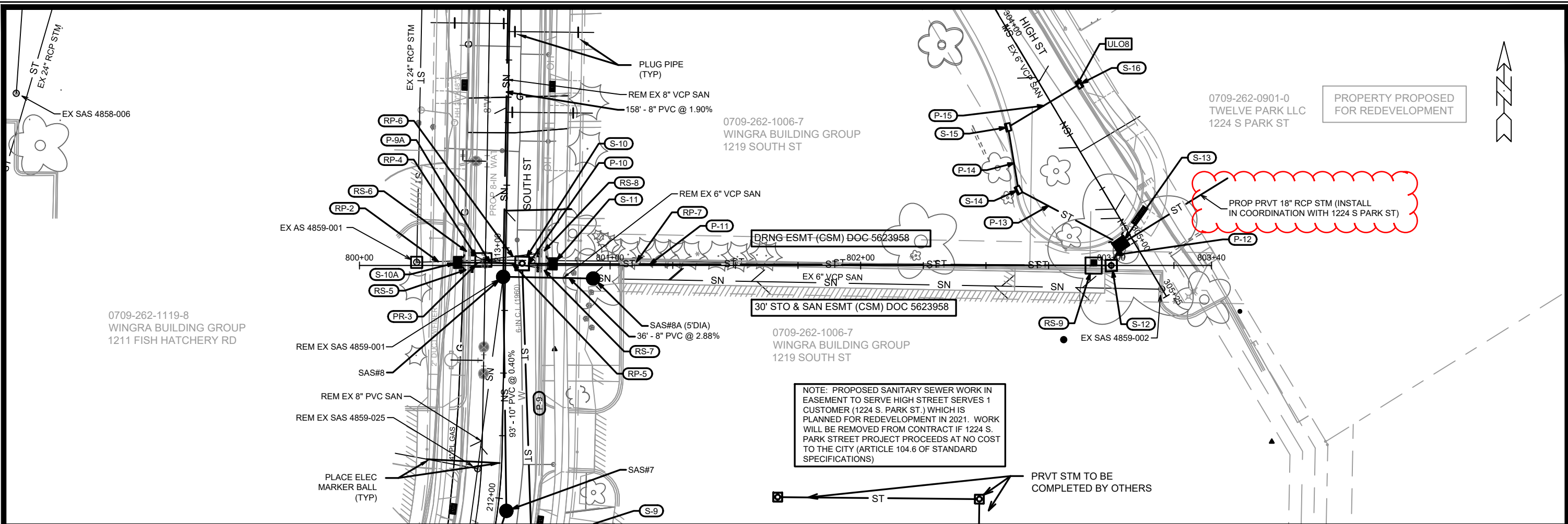
11866  
 MADISON, WI  
 CONTRACT NO: 8504

UTILITY PLAN & PROFILE - SOUTH ST  
 CEDAR ST, SOUTH ST, HIGH ST, WINGRA DR PROJECT  
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11866  
 U-4





11866	ADDENDUM 1	1/19/21	BY
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11866

MADISON, WI

8504

CONTRACT NO:

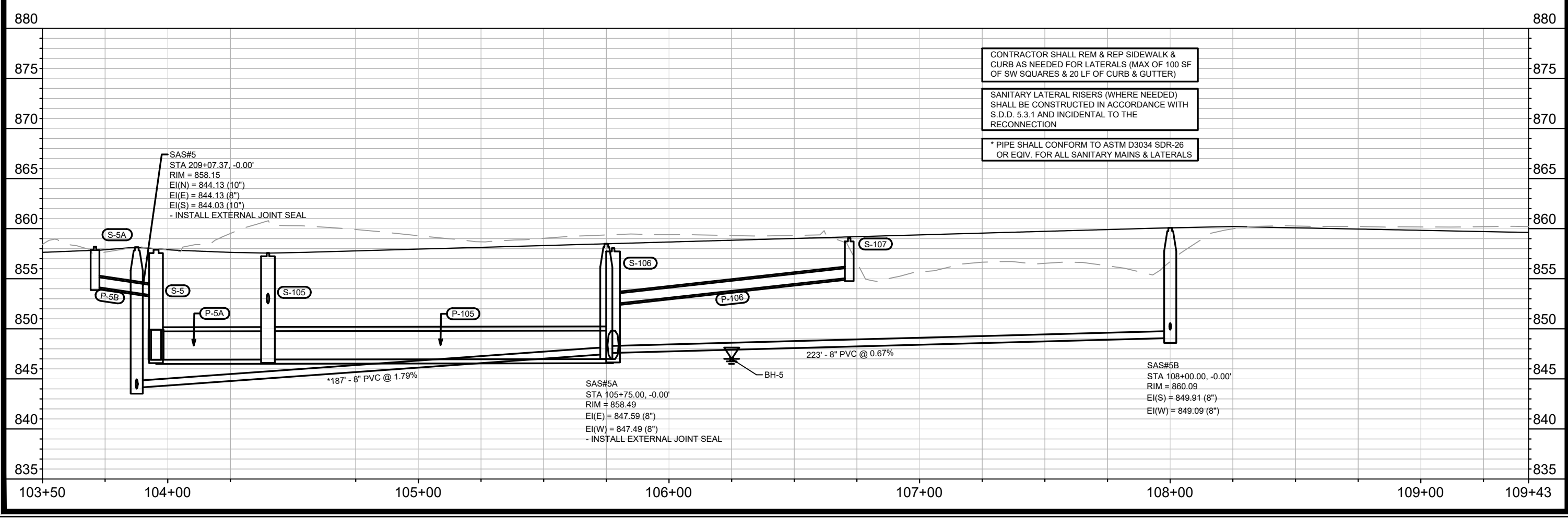
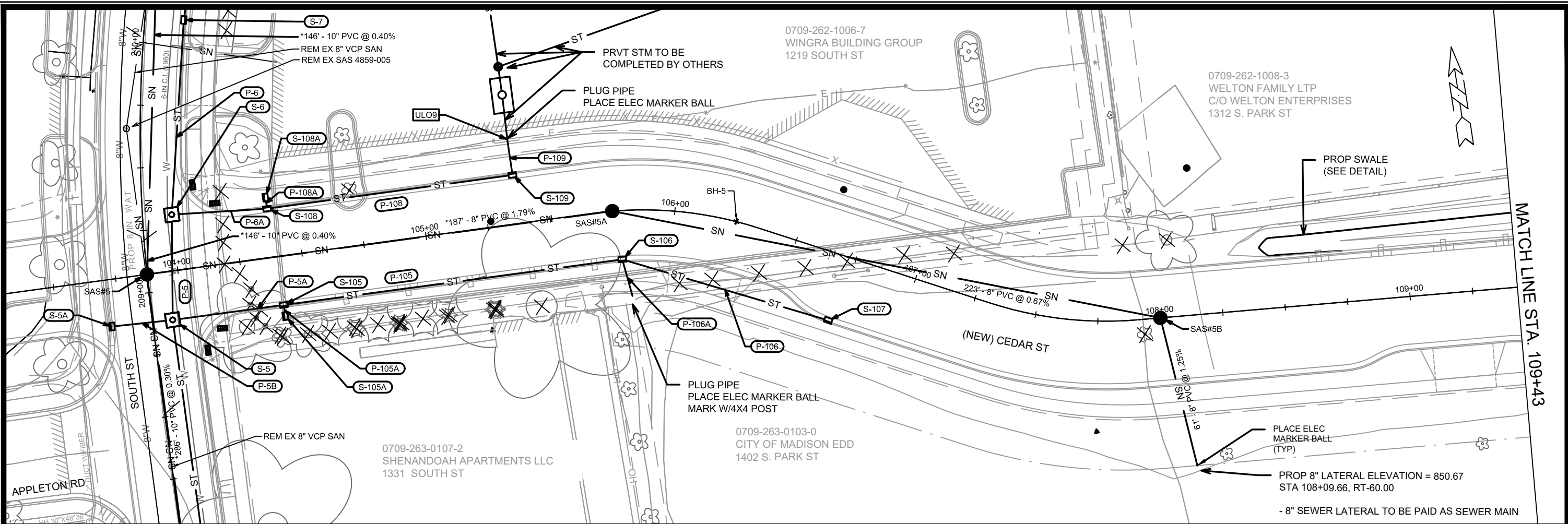
UTILITY PLAN & PROFILE - HIGH ST

CEDAR ST, SOUTH ST, HIGH ST, WINGRA DR PROJECT

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U-6



CONTRACTOR SHALL REM & REP SIDEWALK & CURB AS NEEDED FOR LATERALS (MAX OF 100 SF OF SW SQUARES & 20 LF OF CURB & GUTTER)

SANITARY LATERAL RISERS (WHERE NEEDED) SHALL BE CONSTRUCTED IN ACCORDANCE WITH S.D.D. 5.3.1 AND INCIDENTAL TO THE RECONNECTION

\* PIPE SHALL CONFORM TO ASTM D3034 SDR-26 OR EQIV. FOR ALL SANITARY MAINS & LATERALS

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U-7	11866	1/15/2021 4:04 PM	U-7

11866  
MADISON, WI  
CONTRACT NO: 8504  
UTILITY PLAN & PROFILE - CEDAR ST  
CEDAR ST, SOUTH ST, HIGH ST, WINGRA DR PROJECT  
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11866  
U-7

