

December 9, 2019

Re: Pierpont Wastewater System Improvements  
Helms A-6830

Bid Opening: Thursday, December 12, 2019  
11:00 am Local Time

## **ADDENDUM NUMBER 1**

The following modifications are made to the plans and specifications for the Pierpont Wastewater System Improvements project.

\* \* \* CDBG forms **PART C** – STATE DISADVANTAGED/MINORITY (DBE/MBE) AND WOMEN’S (WBE) BUSINESS ENTERPRISE ASSURANCE FORM; **PART G** – CERTIFICATION OF NONDISCRIMINATION; **PART H** – ELIMINATION OF SEGREGATED FACILITIES; and **PART I** – SUSPENDED OR DEBARRED CONTRACTORS CERTIFICATION shall all be submitted at the time of bidding. \* \* \*

**1.) Construction Bidding Documents; Section 00 42 43 Bid Form; Page 38 of 595; Bid Item Modification:**

The Bid Item #25 is being modified from Bid Schedule ‘B’. Please strike out and remove Bid Item #25 from the Bid Form.

**2.) Construction Bidding Documents; Section 00 42 43 Bid Form; Page 39 of 595; Bid Form Modification:**

Please remove and replace the old Alternate Bid Schedule ‘B2’ Bid Form with the attached revised Bid Form.

**3.) Construction Technical Specifications, SECTION 32 12 16 – ASPHALT CONCRETE SURFACING; Part 1.04.B; 2.02.B; 4.10.C; 4.02.C; Revision**

Change Class E Type II to Class E Type I Asphalt Concrete

**4.) Construction Technical Specifications, SECTION 32 12 16 – ASPHALT CONCRETE SURFACING; Part 2.02.B and 4.01B; Asphalt Concrete; Revision**

Change PG 58-28 to PG 64-22 or PG 64-28.

**5.) Construction Technical Specifications, SECTION 33 05 26 – SANITARY SEWER PIPING AND FITTINGS; Part 2.05.; Transition Couplings (Gravity Piping); Revision:**

Add F. SADDLE WYES

1. Manufactured to meet the requirements of ASTM D 5926
2. Only implemented on sanitary sewer pipe to have CIPP Liner installed
3. Pre-approved equal Fernco Flexible Tap Saddle TSW-4 or TSW-6
  - a. Installed according to Manufacturer's recommendations with accompanying TSPK-46 Tap Saddle Pressure Kit

**6.) Construction Technical Specifications, SECTION 33 38 14 – WASTEWATER WETLAND POND CONSTRUCTION; Part 3.13.A; Pond Seepage Limits; Revision:**

Replace 3.13.A in its entirety with the following text:

A. The maximum allowable seepage rate shall be 0.125 (1/8) inch per day or its equivalent permeability coefficient (K) using the existing on-site lean clay 'fill' soils. These on-site soils must be placed in a moderately loose condition at a thickness of approximately four inches.

**7.) Construction Technical Specifications, SECTION 33 47 13.01 – HIGH DENSITY POLYETHYLENE GEOMEMBRANE (HDPE); Part 4.01 and 4.02; Measurement and Payment; Revision:**

To 4.01, Method of Measurement Add:

- D. Measurement for HDPE Safety Ladder shall be on a per each basis.
- E. Measurement for Liner Pipe Protrusions shall be on a per each basis.
- F. Measurement for HDPE Pond Depth Gauge shall be on a per each basis.

To 4.02, Basis of Payment Add:

- D. Payment for HDPE Safety Ladder shall be on a per each basis as provided in the bid form.
- E. Payment for Liner Pipe Protrusions shall be on a per each basis as provided in the bid form.
- F. Payment for HDPE Pond Depth Gauge shall be on a per each basis as provided in the bid form.

**8.) Construction Technical Specifications, SECTION 33 01 30.71 – SEWER REHABILITATION; Part 3.04.A.4; Felt CIPP Installation; Revision:**

Remove the following sentence from 3.04.A.4: *Compressible gases such as air or steam shall not be used.*

**9.) Construction Plans, Sheets 19 of 64 – Note Revision**

Please remove the following sentence from Note on the Top View of HDPE Safety Ladder: *HDPE Channel Embedment is not allowed.*

- Channel Embed material will be allowed if it has been previously extrusion or fusion welded onto a section of HDPE liner. The entire section of liner with the safety ladder is then extrusion or fusion welded onto the pond containment HDPE liner.

**10.) Construction Plans, Sheets 41, 42, 43, 44 of 64 – Revision of entire sheet**

Please remove and replace Plan Sheets 41, 42, 43, and 44 with the attached revised Plan Sheets. (Revisions made to the grade of the proposed sanitary sewer pipe and invert elevations of proposed MH #4)

ALL OTHER ITEMS OF THE PLANS AND SPECIFICATIONS REMAIN UNCHANGED.

BY Karen L. Schaefer  
PROJECT ENGINEER - HELMS AND ASSOCIATES



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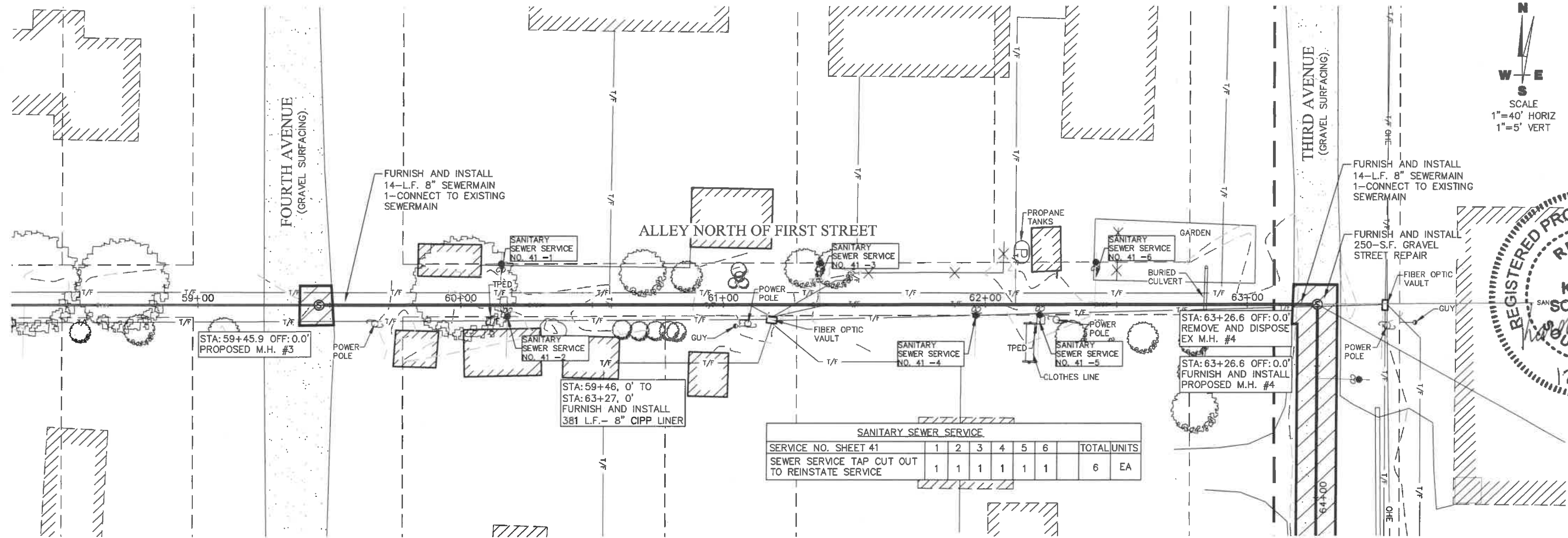
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TITLE: \_\_\_\_\_ DATE: \_\_\_\_\_

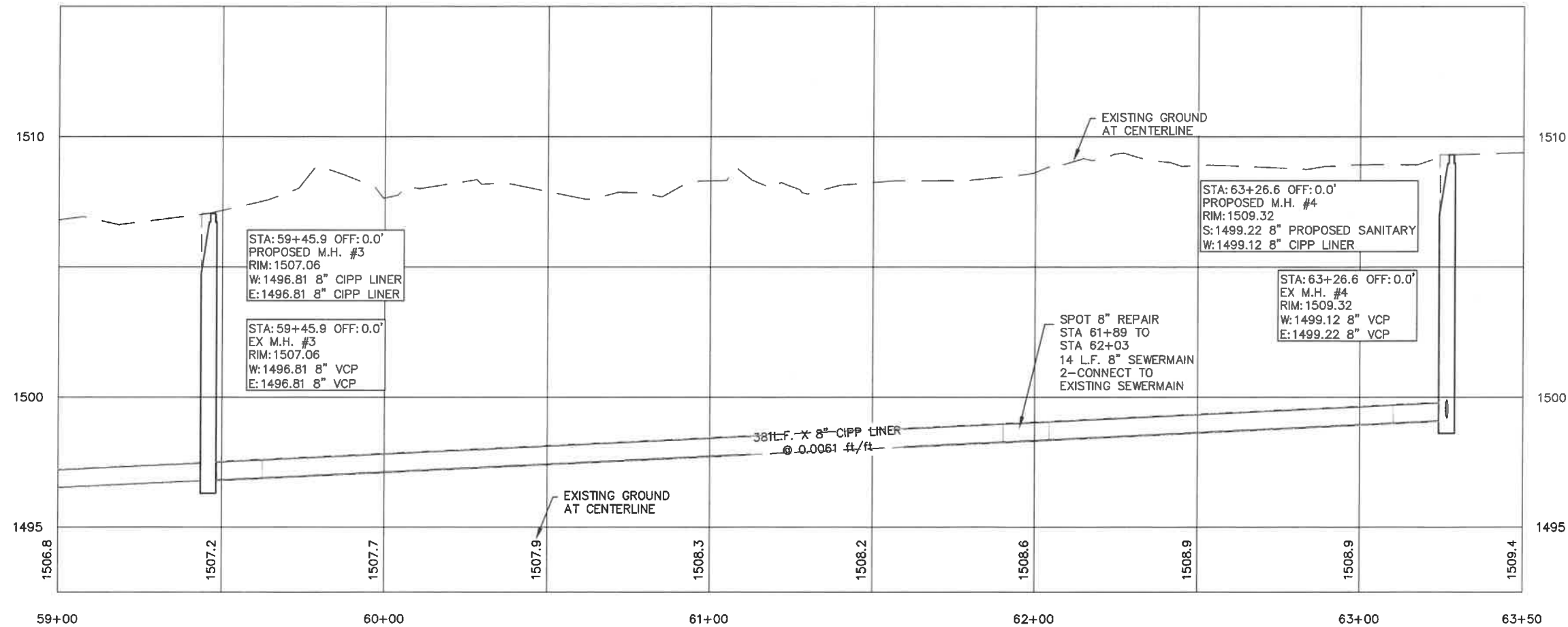
ATTACH THIS SIGNED ADDENDUM NUMBER #1 TO THE BID FORM WHEN SUBMITTING AND/OR ACKNOWLEDGE THE ADDENDUM ON THE BID FORM.

**Alternate Bid Schedule "B2" - Inflow Pipe to Cell 2**

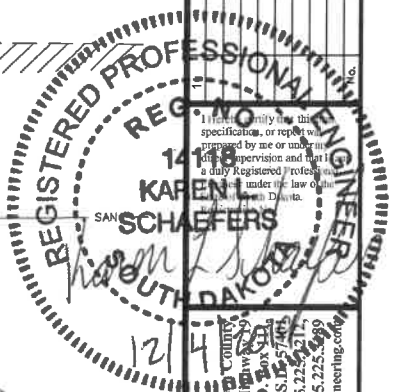
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1	Mobilization	1	LS	\$	\$
2	8" Inter Pond Piping (DIP)	81	LF	\$	\$
3	HDPE Safety Ladder	1	Each	\$	\$
4	8" Gate Valve w/Box	2	Each	\$	\$
5	Liner Pipe Protrusion	1	Each	\$	\$
<b>TOTAL</b>				<b>\$</b>	



SANITARY SEWER SERVICE							
SERVICE NO.	1	2	3	4	5	6	TOTAL UNITS
SEWER SERVICE TAP CUT OUT TO REINSTATE SERVICE	1	1	1	1	1	1	6 EA



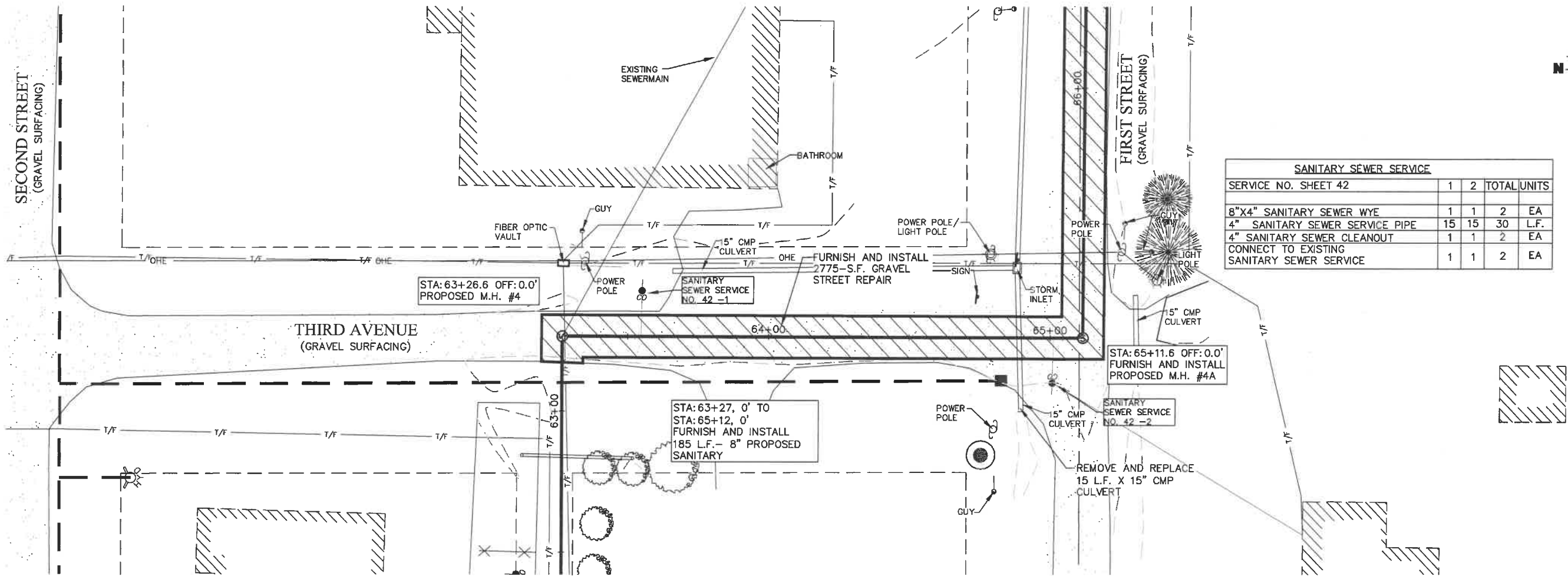
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SCALE  
1"=40' HORIZ  
1"=5' VERT



**Helm & Associates**  
CIVIL ENGINEERS & LAND SURVEYORS

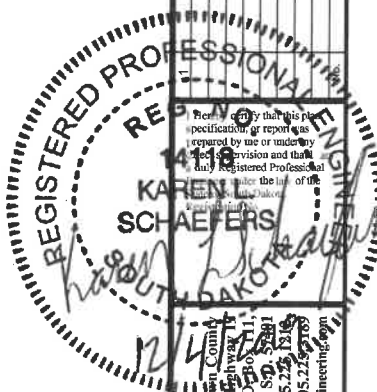
Drawn By: HELMS  
Chk' By: KLS  
Proj. No: A630  
Dwg. No: 883-01  
VP. No: JN31  
Date: 3/6/19

ALLEY BETWEEN 1ST & 2ND ST  
PLAN AND PROFILE SHEET  
(STA. 59+00 TO STA. 63+00)  
PIERPONT WASTEWATER  
SYSTEM IMPROVEMENTS  
PIERPONT, SOUTH DAKOTA



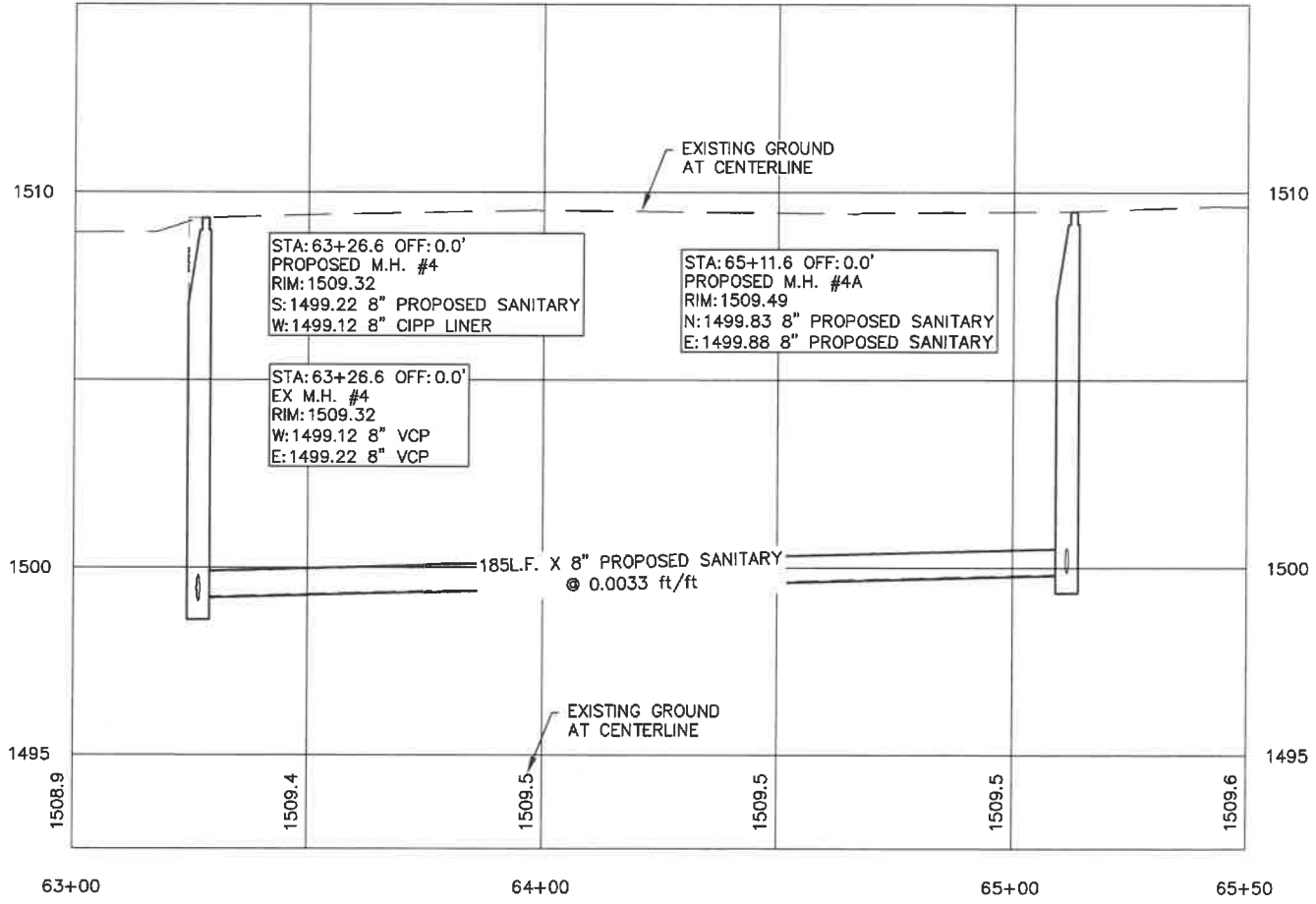
SCALE  
 1"=40' HORIZ  
 1"=5' VERT

SANITARY SEWER SERVICE				
SERVICE NO. SHEET 42	1	2	TOTAL UNITS	
8"X4" SANITARY SEWER WYE	1	1	2	EA
4" SANITARY SEWER SERVICE PIPE	15	15	30	L.F.
4" SANITARY SEWER CLEANOUT	1	1	2	EA
CONNECT TO EXISTING SANITARY SEWER SERVICE	1	1	2	EA

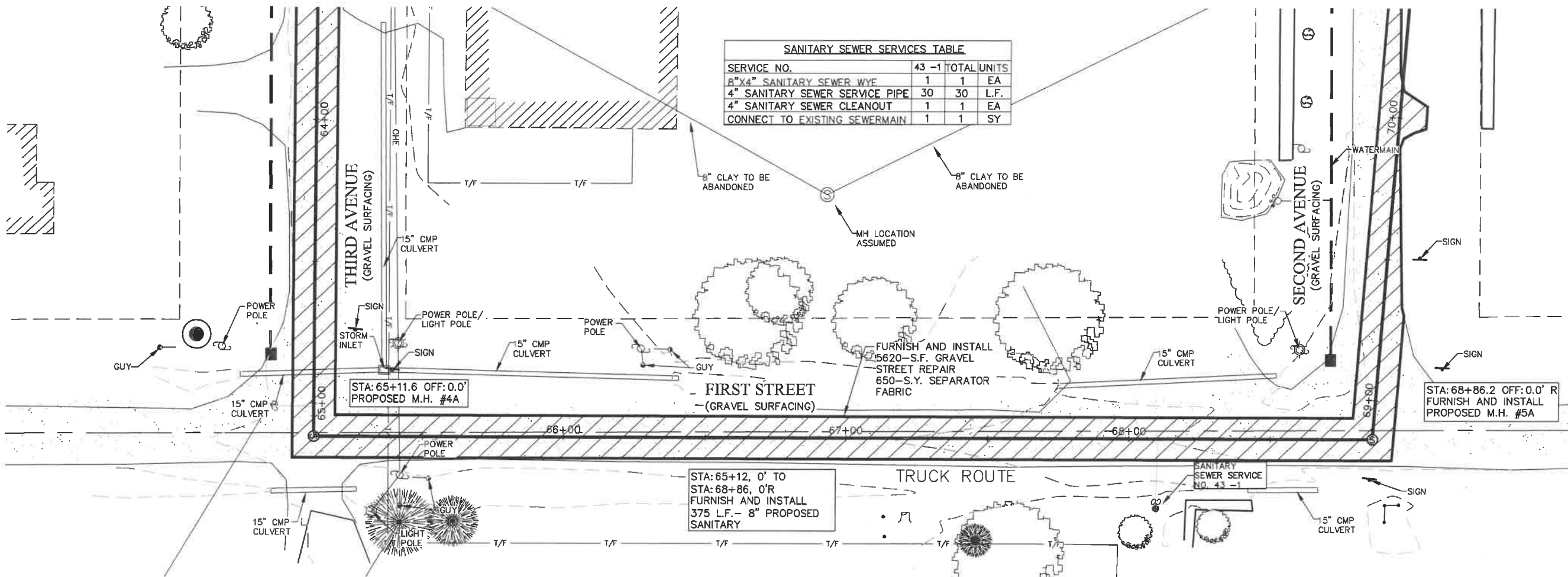


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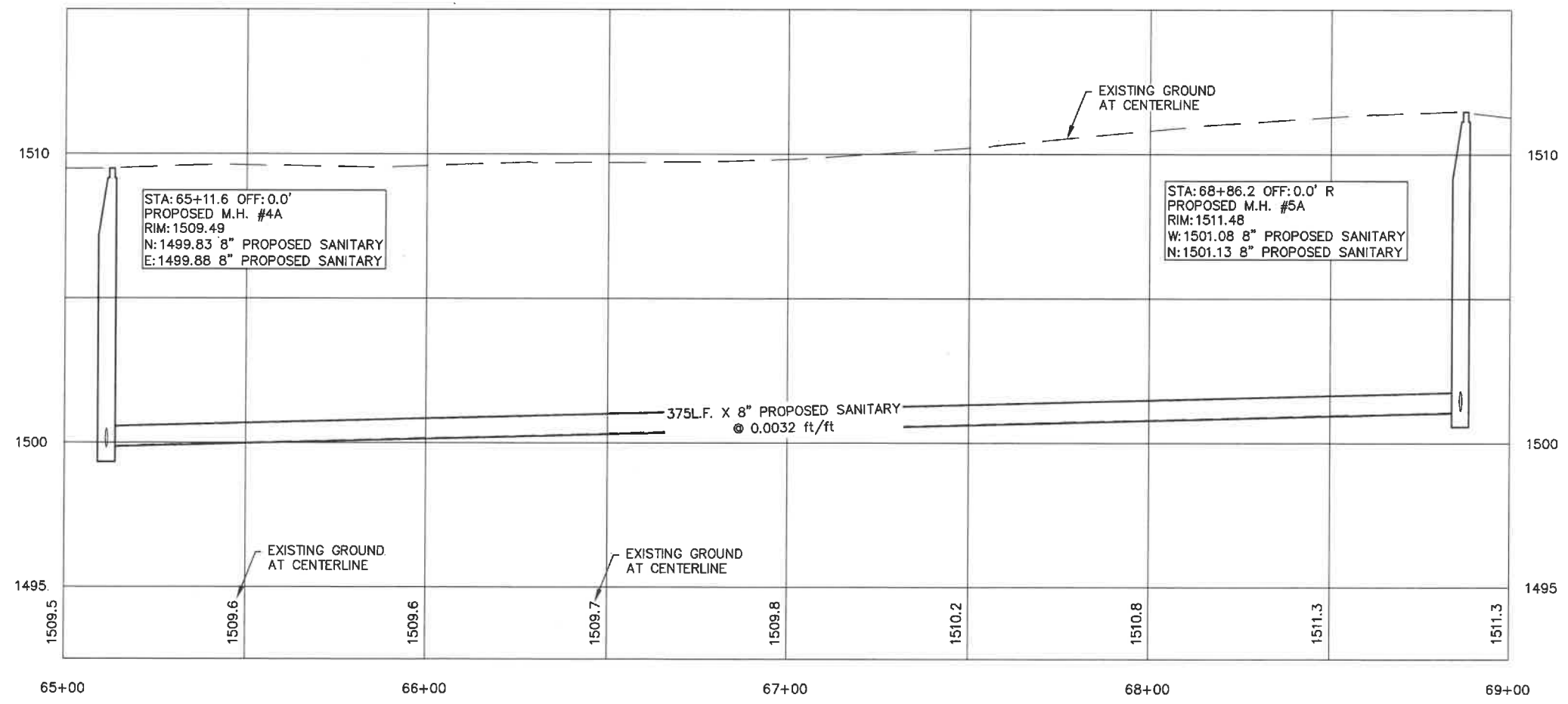
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ALLEY BETWEEN 2ND & 1ST  
 STREET PLAN AND PROFILE  
 SHEET (STA. 63+00 TO STA. 65+50)  
 PIERPONT WASTEWATER  
 SYSTEM IMPROVEMENTS  
 PIERPONT, SOUTH DAKOTA



SCALE  
1" = 40' HORIZ  
1" = 5' VERT



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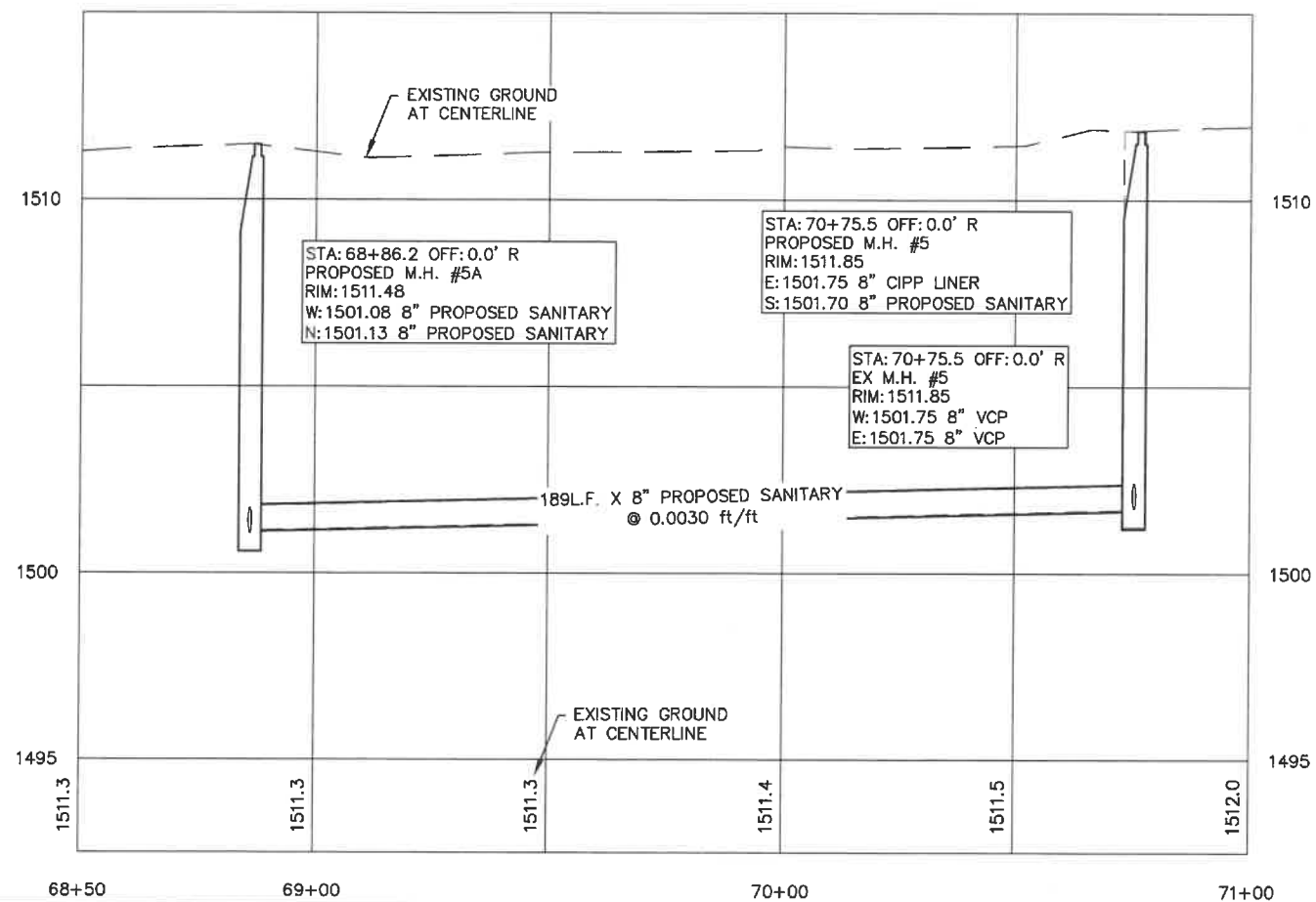
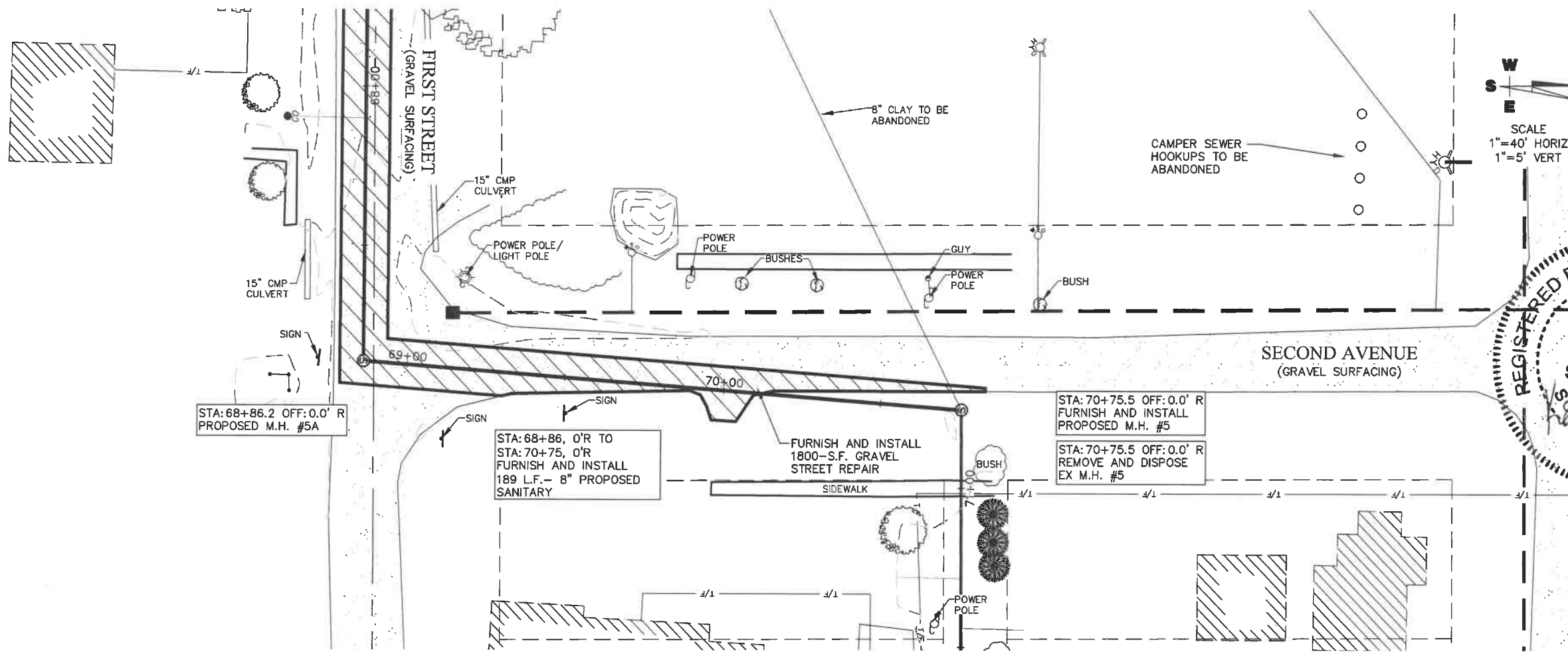
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Proj. No: A6830  
Dwg. No: 6830-01  
VP. No: JN51  
Date: 3/6/19

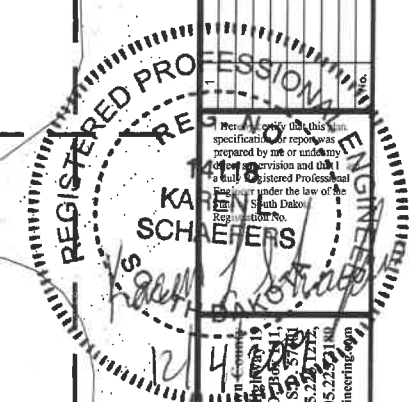
ALLEY BETWEEN 2ND & 1ST  
STREET PLAN AND PROFILE SHEET  
(STA. 65+00 TO STA. 69+00)  
PIERPONT WASTEWATER  
SYSTEM IMPROVEMENTS  
PIERPONT, SOUTH DAKOTA

43 OF 64





W  
S  
E  
N  
SCALE  
1"=40' HORIZ  
1"=5' VERT



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Drawn By: HELMS  
Checked By: KLS  
Proj. No: A6830  
Dwg. No: 6830-01  
VP. No: IN 61  
Date: 3/6/19

ALLEY BETWEEN 2ND & 1ST  
STREET PLAN AND PROFILE SHEET  
(STA. 68+50 TO STA. 71+00)  
PIERPONT WASTEWATER  
SYSTEM IMPROVEMENTS  
PIERPONT, SOUTH DAKOTA