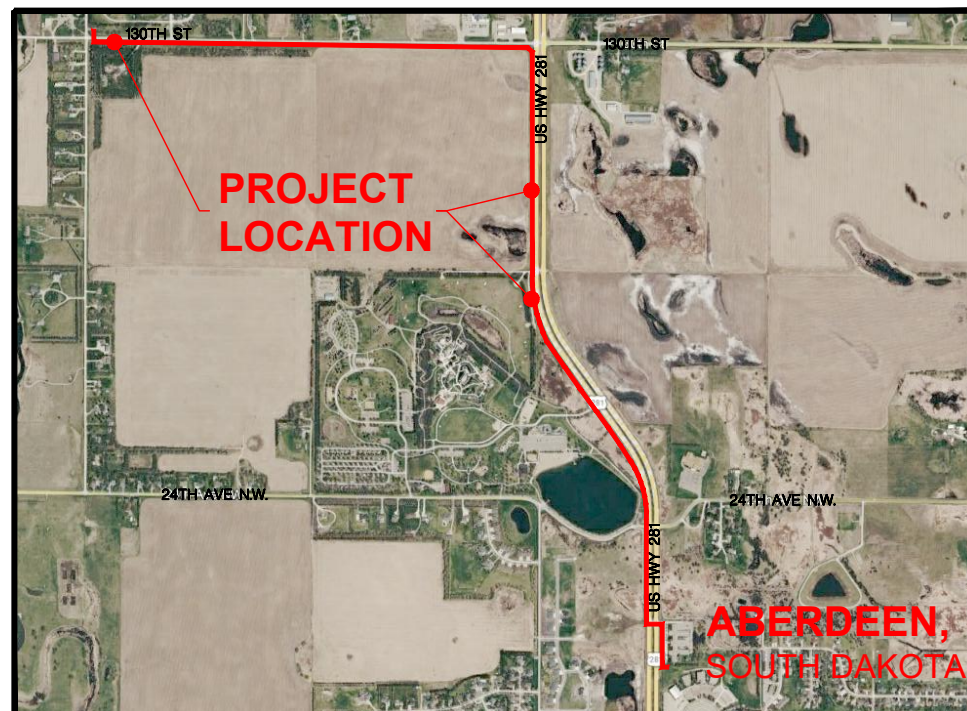


CONSTRUCTION PLAN FOR COUNTRY VILLAGE LIFT STATION AND FORCEMAIN IMPROVEMENTS

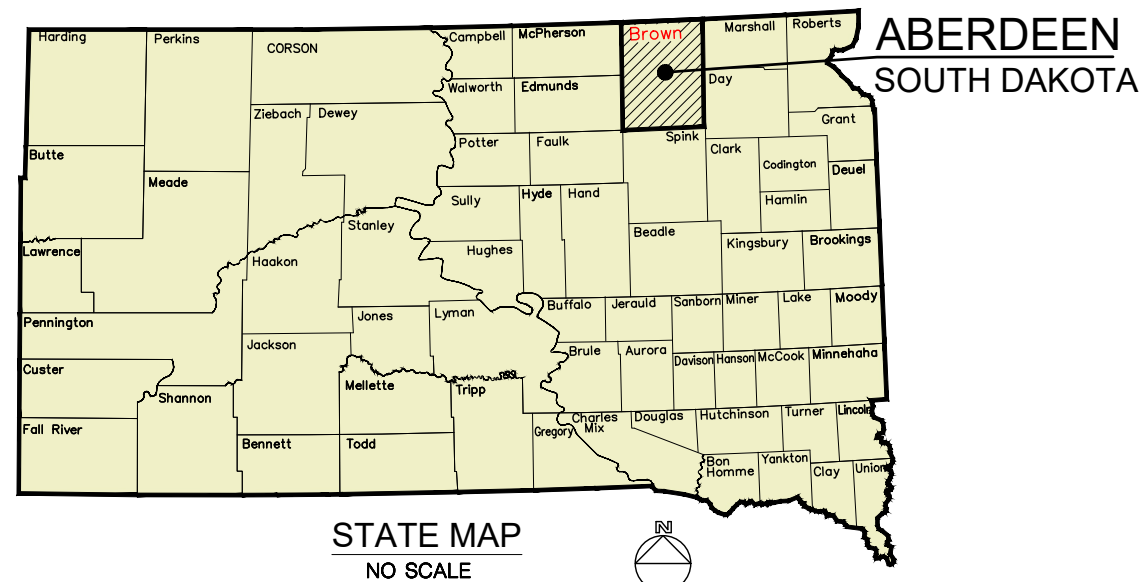
COUNTRY VILLAGE MOBILE HOME PARK ABERDEEN, SOUTH DAKOTA A-10416

PROJECT DESCRIPTION

The project shall consist of the lift station improvements and forcemain installation necessary to facilitate the connection of Country Village to the City of Aberdeen's wastewater system. The improvements will include: lift station pump and controls upgrades, installation of new 4" PVC forcemain pipe, air release manholes, forcemain bends, directional boring, site restoration, seeding, and various other items of related construction.



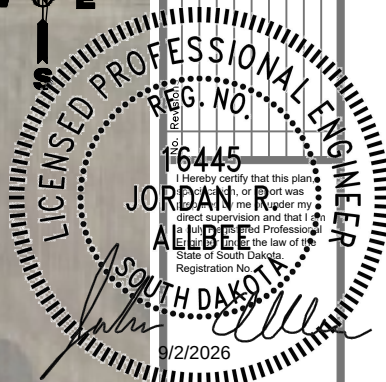
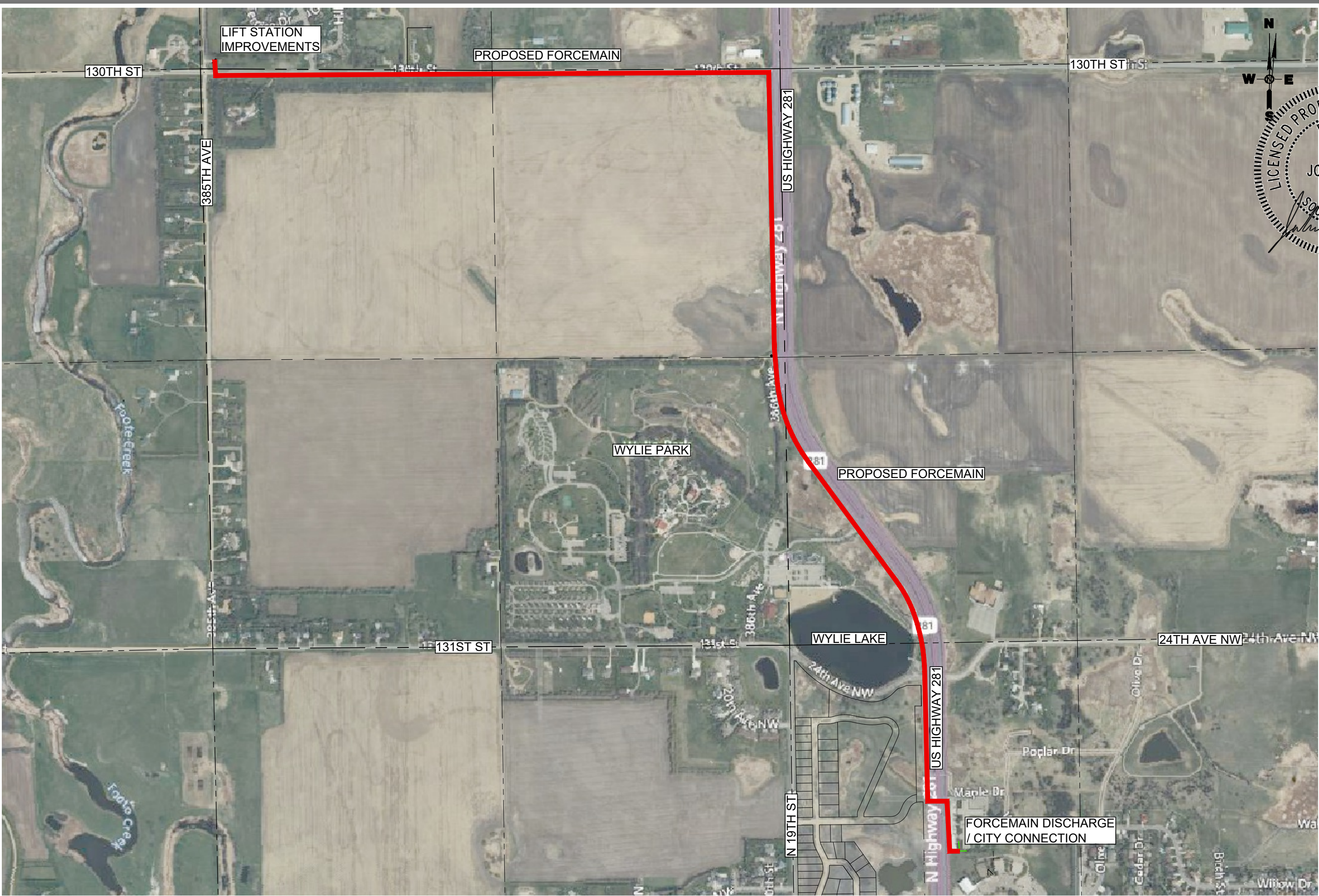
VICINITY MAP
NO SCALE



INDEX OF SHEETS

1. COVER SHEET
2. ROUTE LAYOUT
3. PLAN NOTES
4. ESTIMATE OF QUANTITIES
- 5-20. FORCEMAIN PLAN AND PROFILE
21. LIFT STATION IMPROVEMENTS
- 22-24. DETAILS
- 25-28. STORM WATER POLLUTION PREVENTION PLAN

ENGINEER CERTIFICATION I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAW OF THE STATE OF SOUTH DAKOTA. JORDAN R. ALLBEE, P.E. SD REG. NO. 16445 9/2/2026	COVER SHEET COUNTRY VILLAGE LIFT STATION & FORCE MAIN IMPROVEMENTS ABERDEEN, SOUTH DAKOTA SPN Helms CIVIL ENGINEERS & LAND SURVEYORS 416 Production St N. P.O. Box 111, Aberdeen, S.D. 57402 Phone: 605.225.1212, Fax: 605.225.3189 Email: bob@helmsengineering.com	Drawn By: TMO Chk' By: JRA VP. No: 1-COVER Proj. No: A-10416 Date: 8/26/26 Dwg. No: 10416-01 1 OF 29
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ROUTE LAYOUT

COUNTRY VILLAGE LIFT STATION
& FORCE MAIN IMPROVEMENTS
ABERDEEN, SOUTH DAKOTA

Drawn By: TMO
Chk' By: JRA
Proj. No: A-10416
Dwg. No: 10416-01
VP. No: LAYOUT
Date: 8/26/26

General Plan Notes

The Contractor shall take all precautions necessary to avoid property damage to adjacent properties during the construction phases of this project. The Contractor will be held solely responsible for any damages to the adjacent properties occurring during the construction phases of this project.

Note Regarding Existing Utilities

The contractor is specifically cautioned that the location and/or elevation of existing utilities as shown on these plans are based on records of the various utility companies and, where possible, measurements taken in the field. The information is not to be relied on as being exact or complete. The contractor shall call the appropriate utility companies at least 48 hours before any excavation to request exact field location of utilities.

It is the responsibility of the contractor to relocate all utilities requiring relocation. It is the responsibility of the contractor to verify in the field, the locations of existing water mains, water services, sewer mains and sewer services. The contractor shall be responsible for locating and preserving all existing utilities in their present condition. Existing utilities shown on the plans are for general information only and are to be located by the contractor prior to the start of construction.

Existing utilities included but not limited to:
Underground and overhead electrical
Underground and overhead cable television
Underground water system
Underground sewer system
Underground and overhead telephone
Underground natural gas

Note Regarding Project Cleanup and Safety

The general contractor shall take all precautions necessary to avoid property damage to adjacent properties during the construction phases of this project. The contractor is held solely responsible for any damages to the adjacent properties occurring during the construction phases of this project.

The designs represented in these plans are in accordance with established practices of civil engineering for the design functions and uses intended by the owner. However, neither Helms and Associates, nor its personnel can or do warranty these designs or plans as constructed except in the specific cases where Helms and Associates personnel observe and control the physical construction on a contemporary basis at the site.

In accordance with generally accepted construction practices, the contractor is solely and completely responsible for conditions of the job site, including safety of all persons and property during performance of the work this requirement applies continuously and is not limited to normal working hours.

The duty of the engineer or owner to conduct construction review of the contractor's performance is not intended to include review of the adequacy of the contractor's safety measures, in, on, or near the construction site.The contractor shall clean the entire site on a daily basis and should not restrict local traffic over night. All roads leading to the site shall be cleaned as needed as specified by the owners representative.

Salvageable Materials

All materials salvaged by the contractor that are not incorporated into the project or as noted in the plans, shall be removed from the property to a location chosen by the owner.

Note Regarding Storm Drainage Provisions

The Contractor shall provide for and maintain drainage of storm waters away from existing buildings, and exposed surfaces or provide immediate pumping of ponded areas on the work site. No compensation will be made for damage resulting from improper drainage during construction.

Contaminated Material

The Contractor shall give notice to the Owner if contaminated soil is encountered on the project. The Owner will contact the Department of Agriculture and Natural Resources (DANR) and consultant to inspect and monitor removal of any contaminated soil.

Contaminated soil may be disposed of at the Brown County Landfill, phone (605) 626-4019.

Piping located in areas of contamination shall require the installation of ductile iron pipe with nitrile butadiene gaskets.

Backfill material for trenches located in contaminated soil areas shall be as shall be Excess Unclassified Excavation.

Note Regarding Water For Compaction

Contractor shall obtain all permits required and the water source shall be approved by the Owner.

The Contractor shall obtain a Temporary Water Rights Permit to use water for construction, testing, or drilling purposes from the SD Department of Agricultural and Natural Resources for all water sources. Contact Eric Gronlund by phone at 605-773-3352 for more information.

Note Regarding Haul Roads

Contractor shall obtain written permission from the proper state, county, and municipal authorities for use of local roads as haul roads. A copy shall be sent to the Owner as well as the Engineer prior to construction. Contractor shall obtain a written release from all cities, counties, and townships owning or maintaining the haul roads used by the Contractor upon completion of the construction. Haul road restoration shall be the responsibility of the Contractor.

Unclassified Excavation

All excavation that must be performed to construct the new grades in conformance the plan and plan details, will be included in the bid. Material taken from excavated areas shall be used in the formation of embankments along the project. The excavated or other suitable material, as directed by the engineer, shall be replaced and recompact to the density specified for the section constructed.

Waste Disposal

The contractor shall be required to furnish a site for the disposal of construction/demolition debris generated by this project. Construction/demolition debris may not be disposed of on owner's property.

Earthwork

The excavation shall be carried to the elevations or depths required to obtain the specified depths as shown on the plans. Should the Contractor, through negligence or other fault, excavate below the designated lines or elevations, he shall replace the excavation with suitable materials and properly compact and control the moisture content in a manner as specified. All replacement work shall be at the Contractor's expense.

The Contractor shall inform and satisfy himself as to the character, quantity, and distribution of all material to be excavated. No payment will be made for any excavated material which is used for purposes other than those designated. All spoil areas shall be leveled to a uniform line and section and shall present a neat appearance before project acceptance.

Those areas outside of the embankment areas in which the top layer of soil material becomes compacted due to hauling or to any other activity, the Contractor shall be scarified and disked to a depth of 4 inches as directed to loosen and pulverize the soil.

Existing Wastewater Operations

The existing wastewater treatment operations shall remain in service until the forcemain and connection manhole are in place and ready for operation. The contractor shall ensure the existing wastewater system remains functional during construction. Bypass pumping will be required during the rehabilitation of the lift station wet well. All contractor costs associated with the various bypass pumping methods shall be included in the lump sum unit price for "Sanitary Sewer Bypass Pumping". The discharge of wastewater to areas other than existing sanitary sewers or permitted wastewater treatment facilities is not permitted under any circumstances.

Salvaging, Stockpiling, and Placing Topsoil

The Contractor shall remove a minimum of six (6) inches of soil cover for topsoiling operations. The Contractor shall separate the material during excavation to prevent contamination with other excavated materials. The Contractor shall place a minimum of six (6) inches of topsoil evenly over the disturbed areas upon completion of grading operations. If sufficient topsoil is not available, or the Contractor fails to salvage clean topsoil, the Contractor shall provide topsoil to complete topsoil operations.

Measurement and payment for all topsoiling operations shall be as specified in the specifications. See Section 31 23 16 for topsoiling requirements and Section 32 92 19 for seeding and fertilizing requirements.

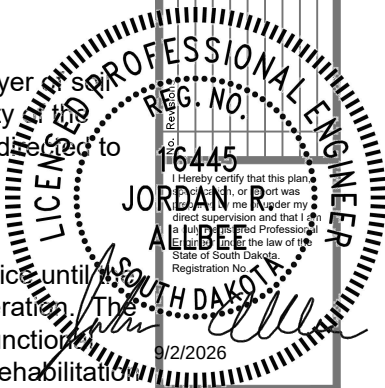
Gravel Driveway Repair

Areas to receive gravel surfacing shall receive 12" of a material meeting the requirements of Section 32 11 23 "Aggregate Base Course" of the project specifications. This material shall be constructed, measured and paid for as described in the specifications.

Lift Station Improvements

The costs for all work, materials, labor, etc. associated with the retrofitting of the existing lift station wet well including: pumps, valves, bends, other appurtenances, the installation of valve pit structure and interior piping, and forcemain piping prior to the 22.5° bend shall be included in the contractor's unit price for "Lift Station Improvements". See Sheet 21 for additional details.

The existing lift station control system, wet well structure, lifting rails, trash basket, and pump stands shall remain. The contractor shall furnish and install new submersible pumps and all associated foremain piping, bends, and valves necessary to retrofit the existing lift station from 2" to 4" discharge piping. The new pumps shall be integrated to run with the existing control panel and float controls. Additionally, the contractor shall furnish and install a new 72" diameter concrete valve pit structure, including all interior piping and valves. All costs associated with this work shall be included in the contractor's unit price for "Lift Station Improvements".



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PLAN NOTES

COUNTRY VILLAGE LIFT STATION
& FORCE MAIN IMPROVEMENTS
ABERDEEN, SOUTH DAKOTA

Drawn By:	TMO
Chk' By:	JRA
Proj. No:	A-10416
Dwg. No:	10416-01
VP. No:	NOTES
Date:	8/26/26

Directional and Bore and Jack Pipe Installation

The contractor shall utilize trenchless pipe installation methods in the locations shown on the plans. The contractor's price for the trenchless pipe installation shall include all costs necessary to furnish and install the forcemain piping in accordance with the project specifications.

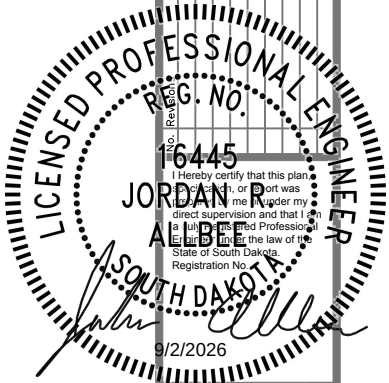
For directional boring methods, separate payment will not be made for the carrier forcemain piping. The contractor's unit price for "Directional Bore 4" Sanitary Sewer Forcemain" shall include all costs necessary to furnish and install the forcemain pipe. Any connections necessary to join the directionally bored and open cut sections of pipe will not be measured and shall be considered incidental to the directionally bored 4" forcemain pipe.

Carrier pipe through the Bore and Jack section of the project will be measured and paid for under the item "Carrier 4" Forcemain Pipe Through Casing Pipe".

LIFT STATION AND FORCEMAIN IMPROVEMENTS
COUNTRY VILLAGE MOBILE HOME PARK
ABERDEEN, SOUTH DAKOTA
HELMS A-10416
ESTIMATE OF QUANTITIES

Base Bid

Item No.	Item Description	Quantity	Unit
1	Mobilization	1.0	L.S.
2	Remove and Reset Sign	10	Each
3	Remove and Reset PVC Privacy Fence	20	Ft
4	4" Sanitary Sewer Forcemain	9,389	Ft
5	Directional Bore 4" Sanitary Sewer Forcemain	3,508	Ft
6	Bore and Jack 8" Steel Casing Pipe	170	Ft
7	Carrier 4" Forcemain Pipe Through Casing Pipe	170	Ft
8	4" 45° Forcemain Bend	10	Each
9	4" 22.5° Forcemain Bend	1	Each
10	48" Air Release Manhole & Valve	4	Each
11	Air Release Manhole Pressure Testing	4	Each
12	Connect to Existing Manhole	1	Each
13	Internal Drop Manhole Structure	1	Each
14	Lift Station Improvements	1.0	L.S.
15	18" CMP Culvert	88	Ft
16	18" CMP Culvert Flared End	1	Each
17	Pipe Bedding	1,032.8	Ton
18	Gravel Driveway / Field Approach Repair	172.7	Ton
19	Topsoil, Seed, Fertilize	10.6	Acre
20	Hydromulching	44,964	SqYd
21	Traffic Control	1.0	L.S.
22	Sanitary Sewer Bypass Pumping	1.0	L.S.
23	Sanitary Sewer Forcemain Cleaning and Testing	1.0	L.S.
24	Culvert Protection	4	Each
25	High Flow Silt Fence	593	Ft



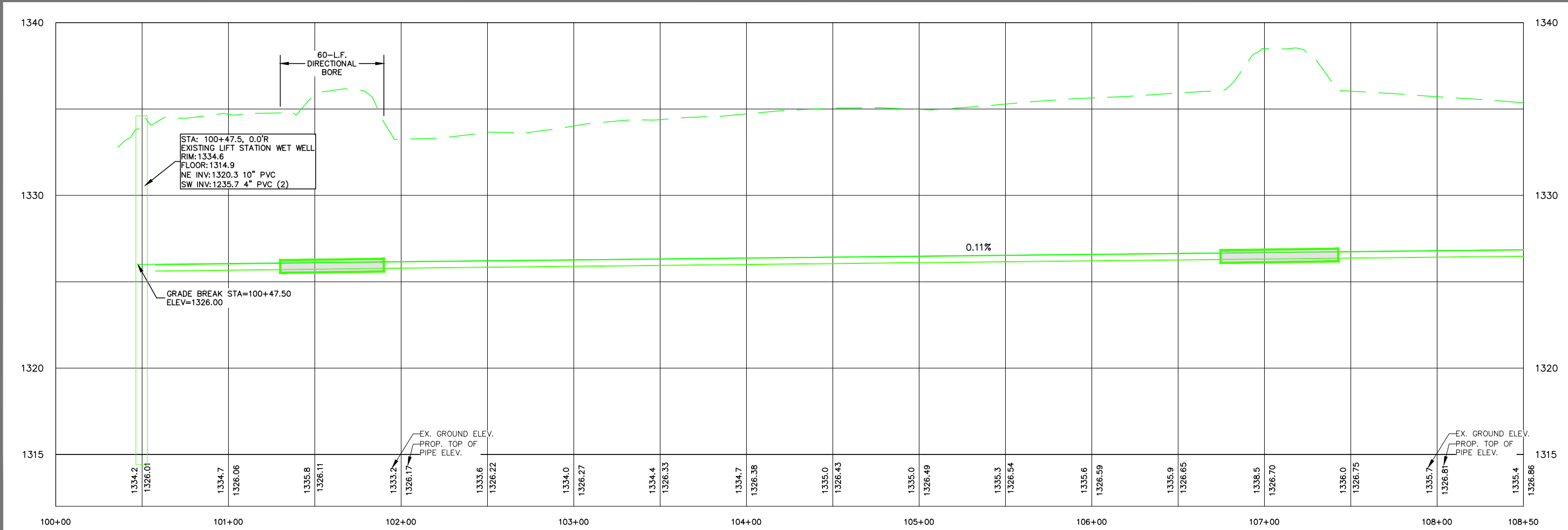
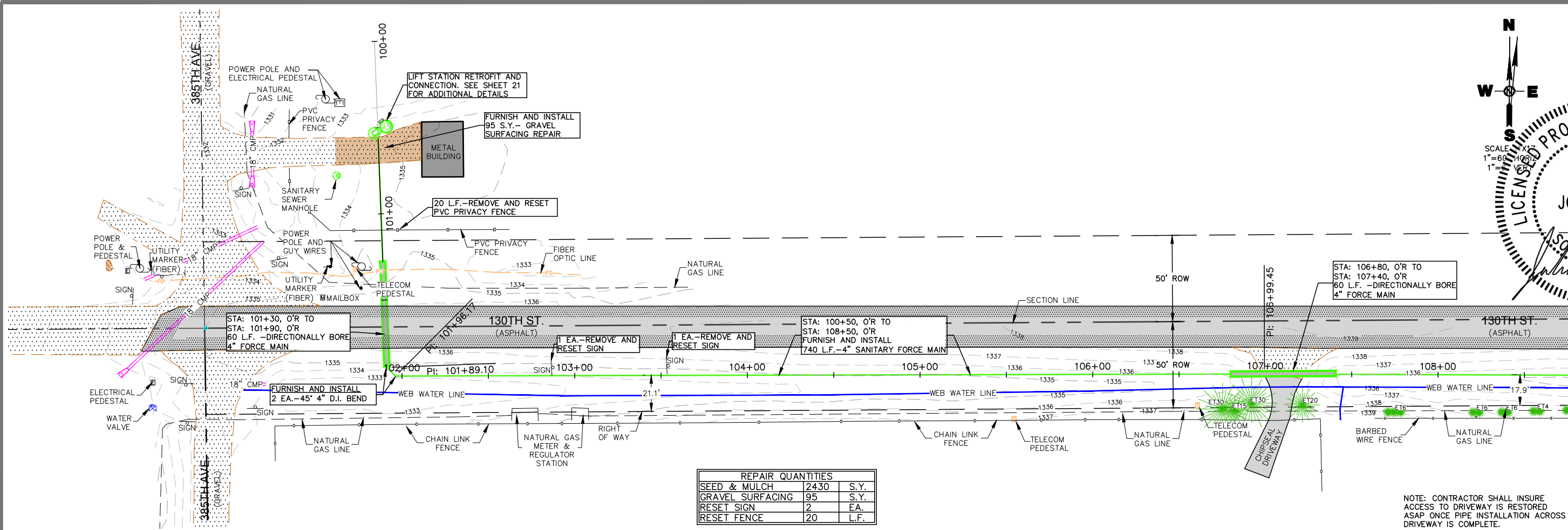
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Fax: 605.225.3189
Email: bob@helmsengineering.com



ESTIMATE OF QUANTITIES

COUNTRY VILLAGE LIFT STATION
& FORCE MAIN IMPROVEMENTS
ABERDEEN, SOUTH DAKOTA

Drawn By: TMO
Chk' By: JRA
Proj. No: A-10416
Dwg. No: 10416-01
VP. No: QTY
Date: 9/15/26



PROFESSIONAL ENGINEER
16445
JORDAN R. ABBE
SOUTH DAKOTA
 9/2/2026

SCALE
 1"=60'
 1"=100'

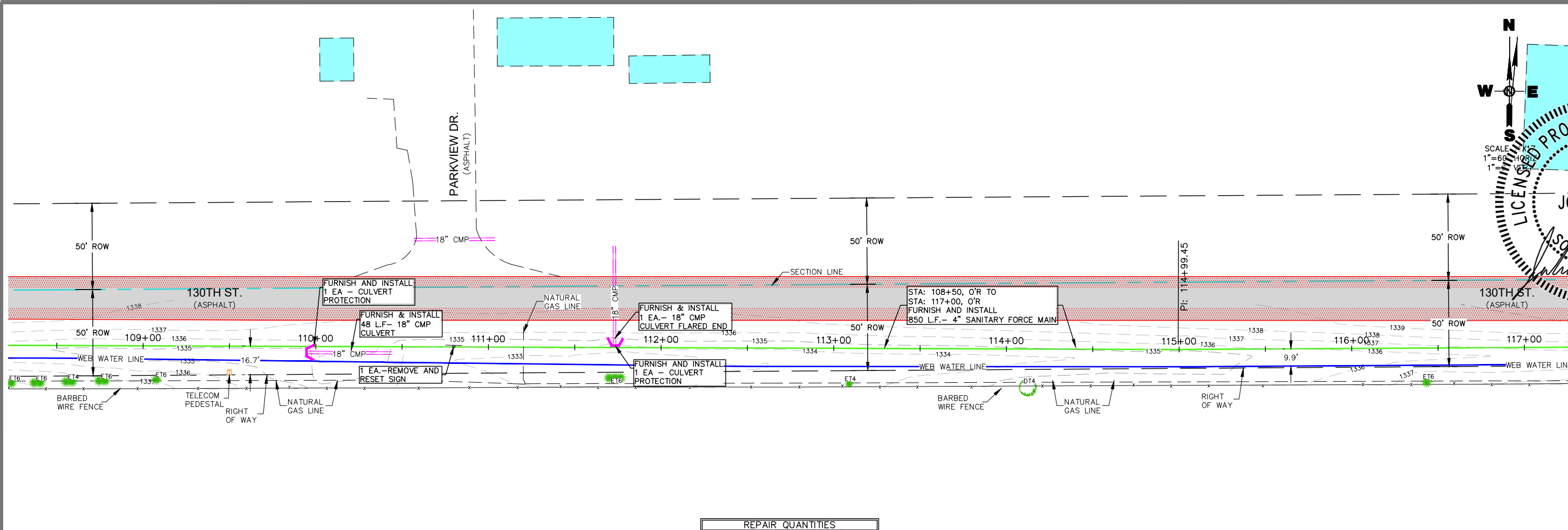
DATE: 8/27/26

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 Phone: 605.225.1212
 Fax: 605.225.3189
 Email: bob@helmsengineering.com

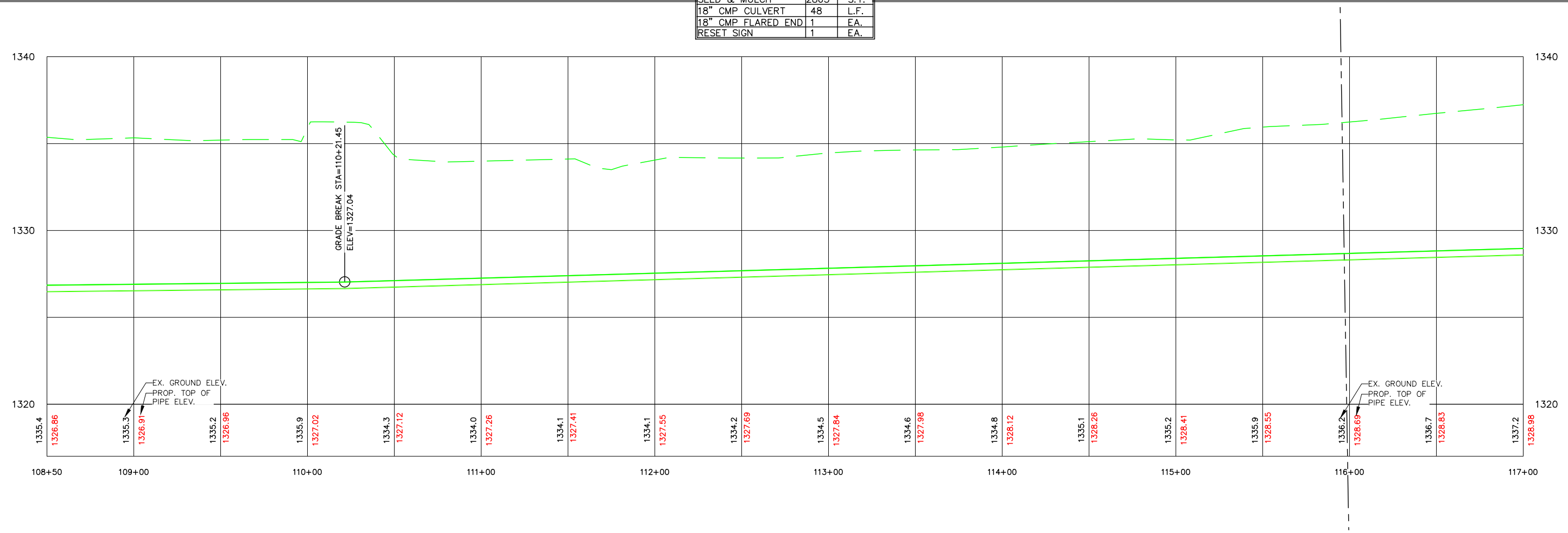


FORCE MAIN PLAN AND PROFILE
STA: 100+00 TO 108+50
 COUNTRY VILLAGE LIFT STATION
 & FORCE MAIN IMPROVEMENTS
 ABERDEEN, SOUTH DAKOTA

Drawn By: TMO
 Chk' By: JRA
 Proj. No: A-10416
 Dwg. No: 10416-01
 VP. No: PP(1)
 Date: 9/15/26



REPAIR QUANTITIES		
SEED & MULCH	2865	S.Y.
18" CMP CULVERT	48	L.F.
18" CMP FLARED END	1	EA.
RESET SIGN	1	EA.



DATE: 8/27/26

REVISION NO. 16445

JORDAN R. ALBRECHT

LICENSED PROFESSIONAL ENGINEER

STATE OF SOUTH DAKOTA

9/2/2026

SCALE: 1"=60'

1"=100'

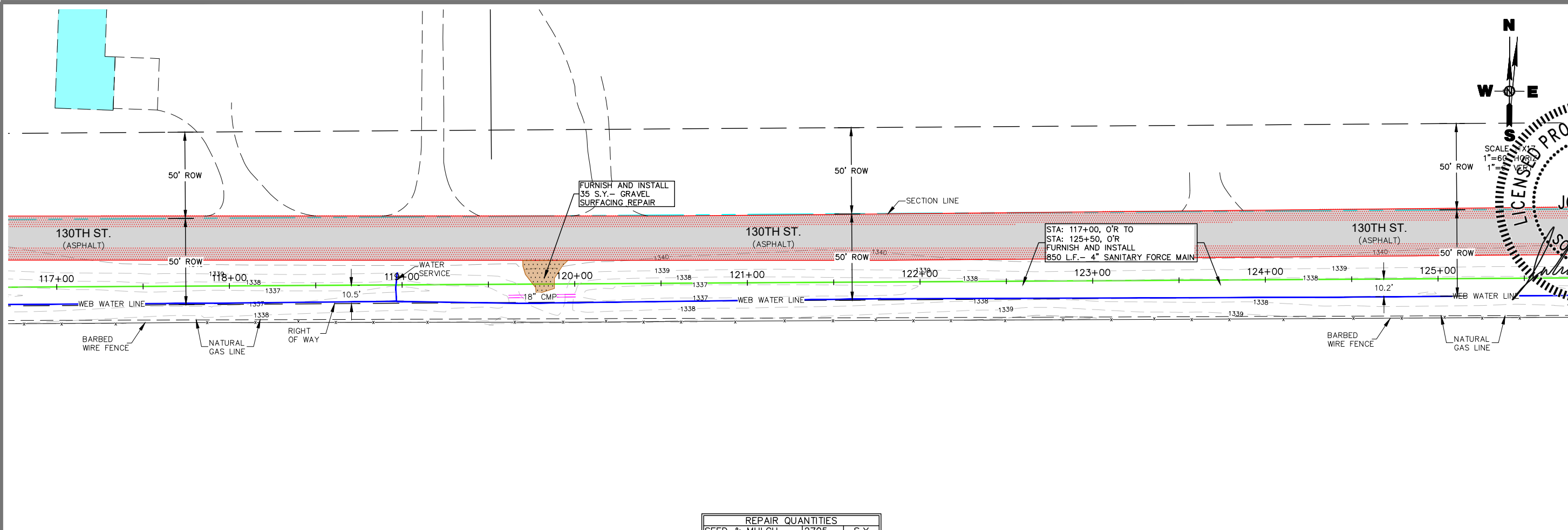
18" CMP

416 Production S/N
Aberdeen, S.D. 57402
Phone: 605.225.1212
Fax: 605.225.3189
Email: bob@helmsengineering.com

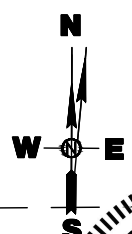
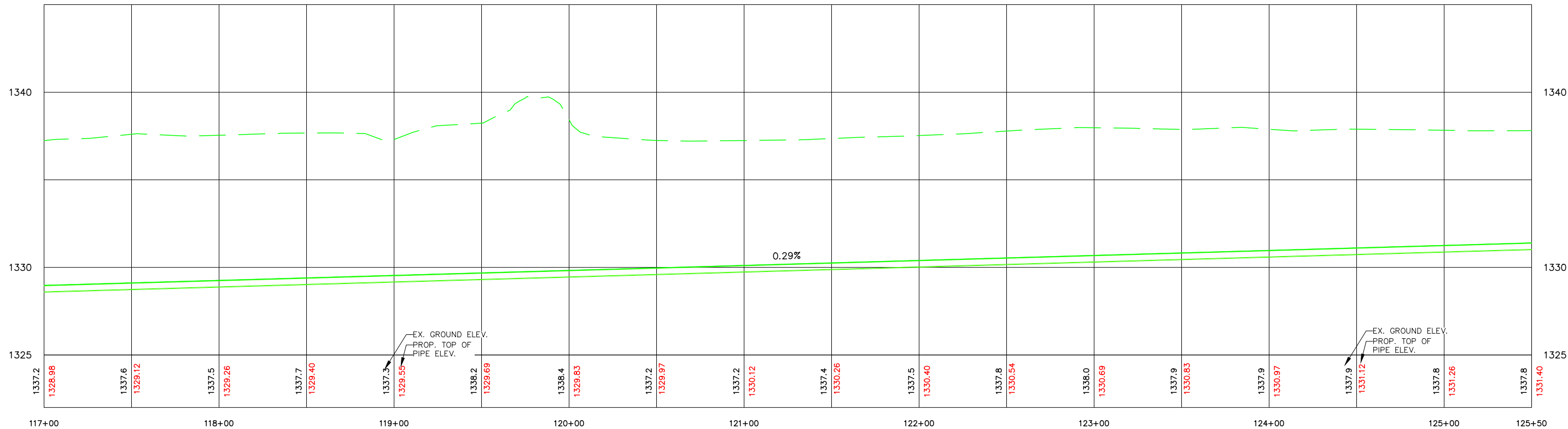


FORCE MAIN PLAN AND PROFILE
STA: 108+50 TO 117+00
COUNTRY VILLAGE LIFT STATION
& FORCE MAIN IMPROVEMENTS
ABERDEEN, SOUTH DAKOTA

Drawn By: TMO
Chk' By: JRA
Proj. No: A-10416
Dwg. No: 10416-01
VP. No: PP(2)
Date: 9/1/26



REPAIR QUANTITIES		
SEED & MULCH	2705	S.Y.
GRAVEL SURFACING	35	S.Y.



SCALE
1"=60' HORIZ.
1"=6' VERT.

SECTION LINE

130TH ST. (ASPHALT)

130TH ST. (ASPHALT)

130TH ST. (ASPHALT)

130TH ST. (ASPHALT)

130TH ST. (ASPHALT)

130TH ST. (ASPHALT)

130TH ST. (ASPHALT)

Date: 8/27/26

Revision: 1

Drawn By: TMO

Chk' By: JRA

Proj. No: A-10416

Dwg. No: 10416-01

VP. No: PP(3)

Date: 9/1/26

SPN Helms

CIVIL ENGINEERS & LAND SURVEYORS

FORCE MAIN PLAN AND PROFILE

STA: 117+00 TO 125+50

COUNTRY VILLAGE LIFT STATION & FORCE MAIN IMPROVEMENTS

ABERDEEN, SOUTH DAKOTA

7

OF

29

Professional Engineer

Registration No. 16445

JORDAN R. ALBERT

South Dakota

9/2/2026

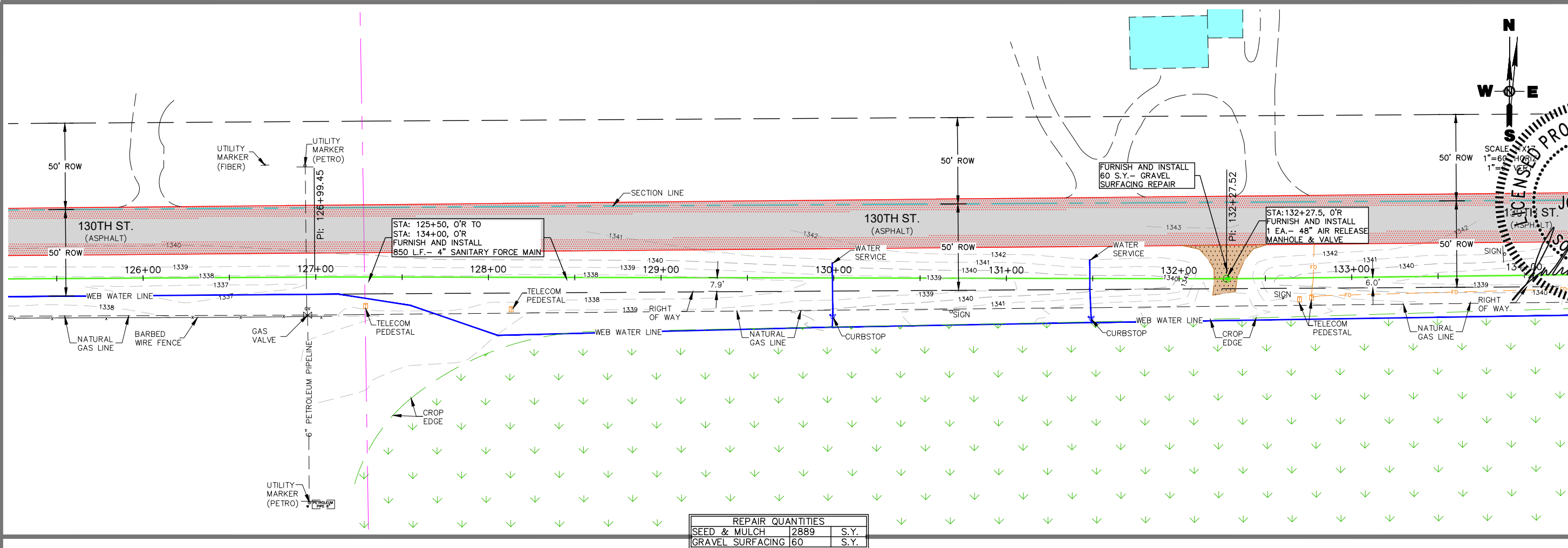
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Aberdeen, S.D. 57402

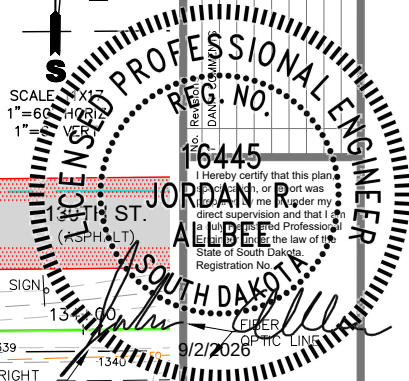
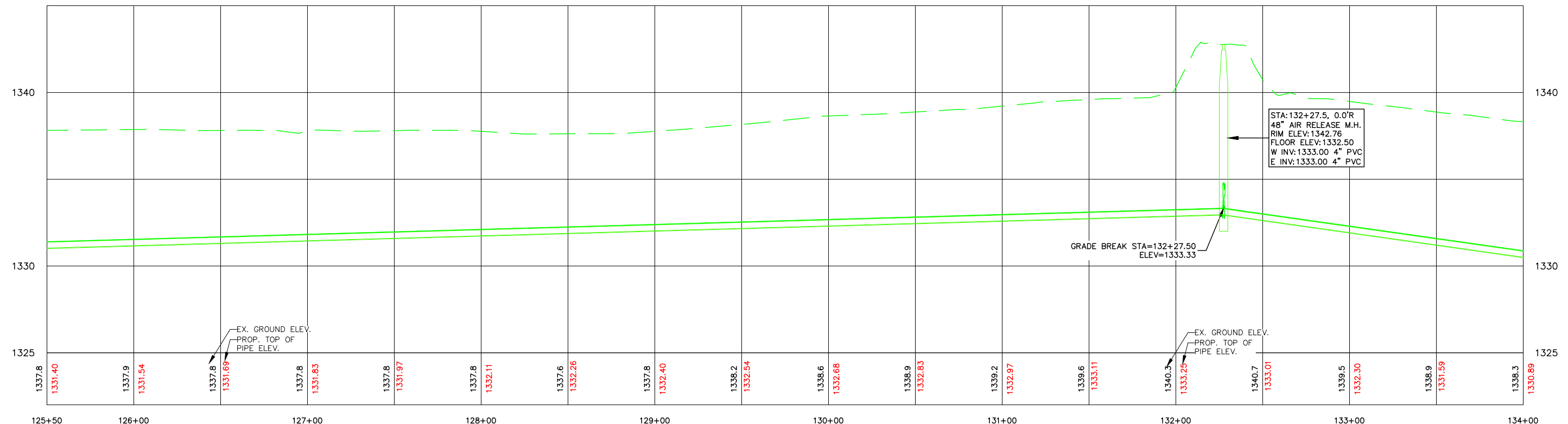
Phone: 605.225.1212

Fax: 605.225.3189

Email: bob@helmsengineering.com



REPAIR QUANTITIES		
SEED & MULCH	2889	S.Y.
GRAVEL SURFACING	60	S.Y.

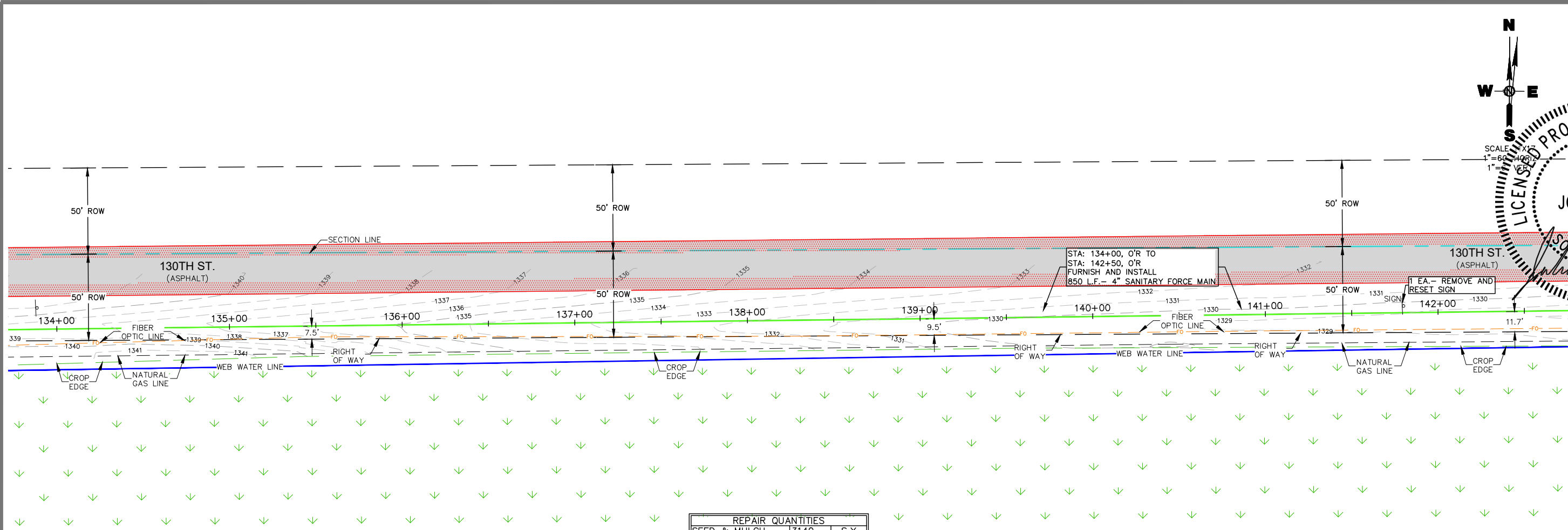


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Email: bob@helmsengineering.com

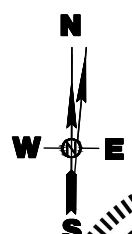
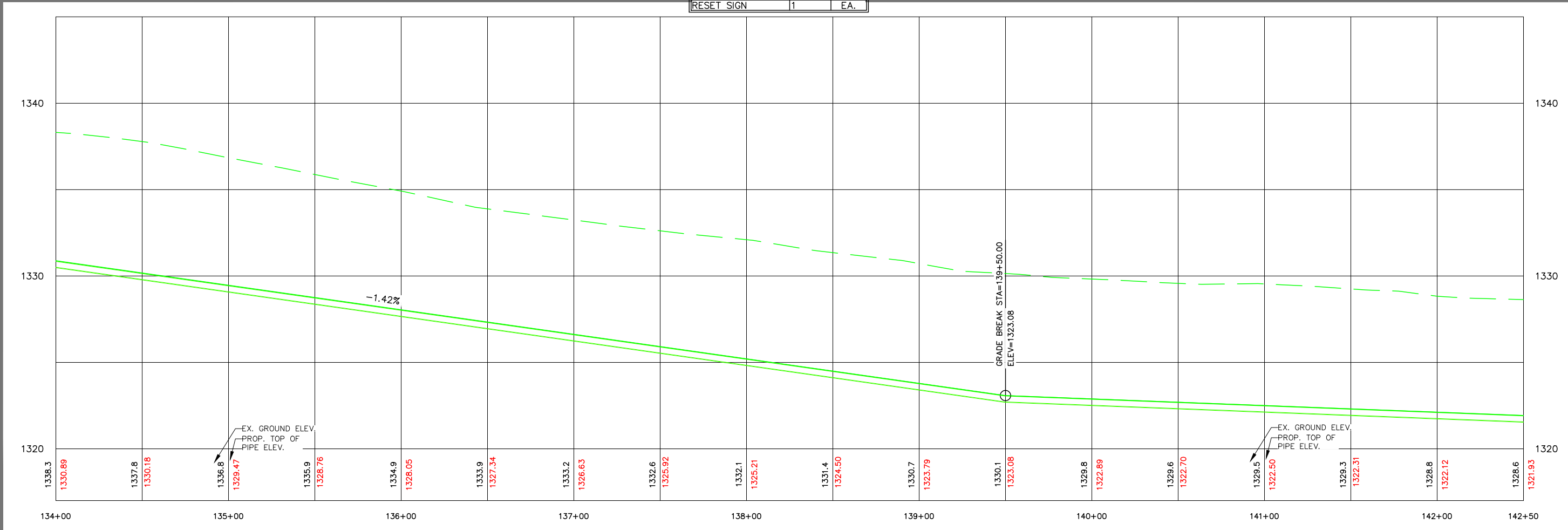


FORCE MAIN PLAN AND PROFILE
STA: 125+50 TO 134+00
COUNTRY VILLAGE LIFT STATION
& FORCE MAIN IMPROVEMENTS
ABERDEEN, SOUTH DAKOTA

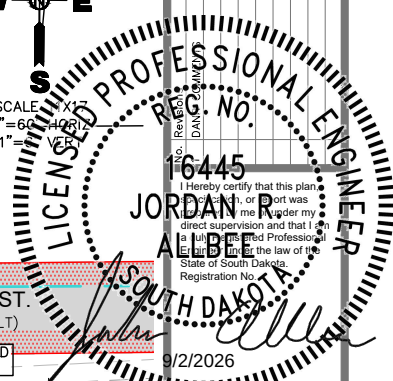
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Chk' By: JRA
Proj. No: A-10416
Dwg. No: 10416-01
VP. No: PP(4)
Date: 9/1/26



REPAIR QUANTITIES		
SEED & MULCH	3140	S.Y.
RESET SIGN	1	EA.



SCALE
1" = 60' HORIZ.
1" = 5' VERT.

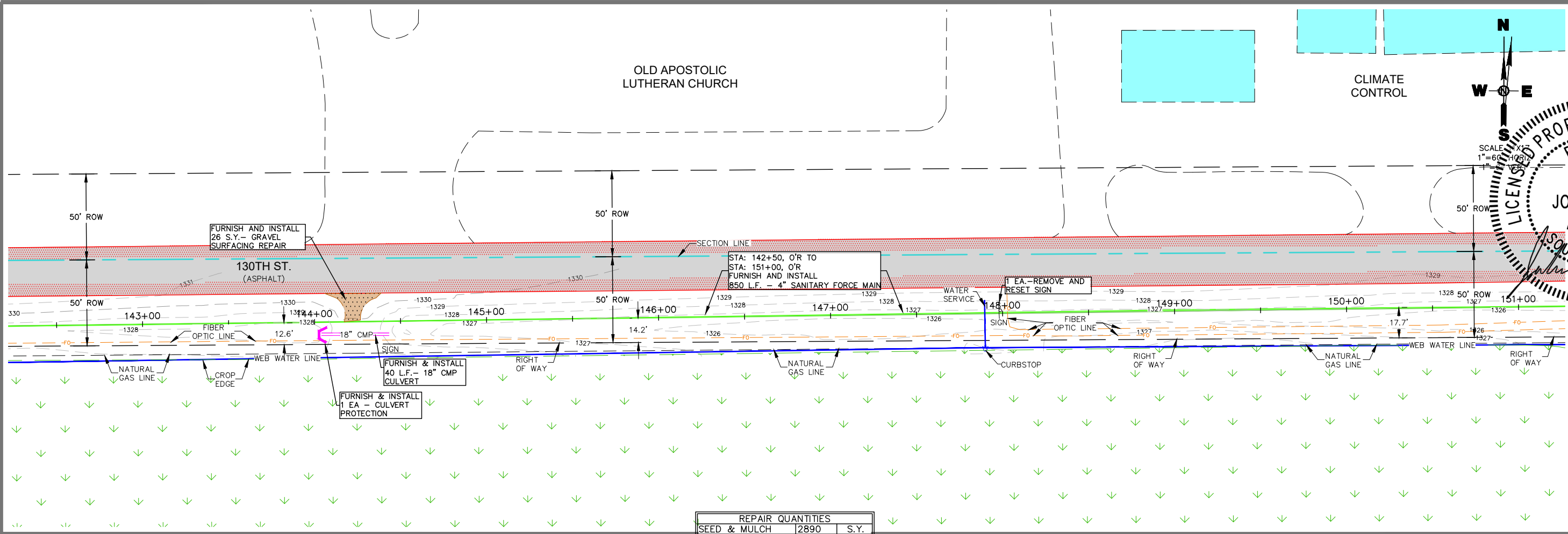


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Fax: 605.225.3189
Email: bob@helmsengineering.com

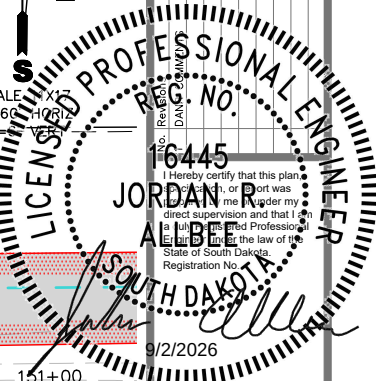
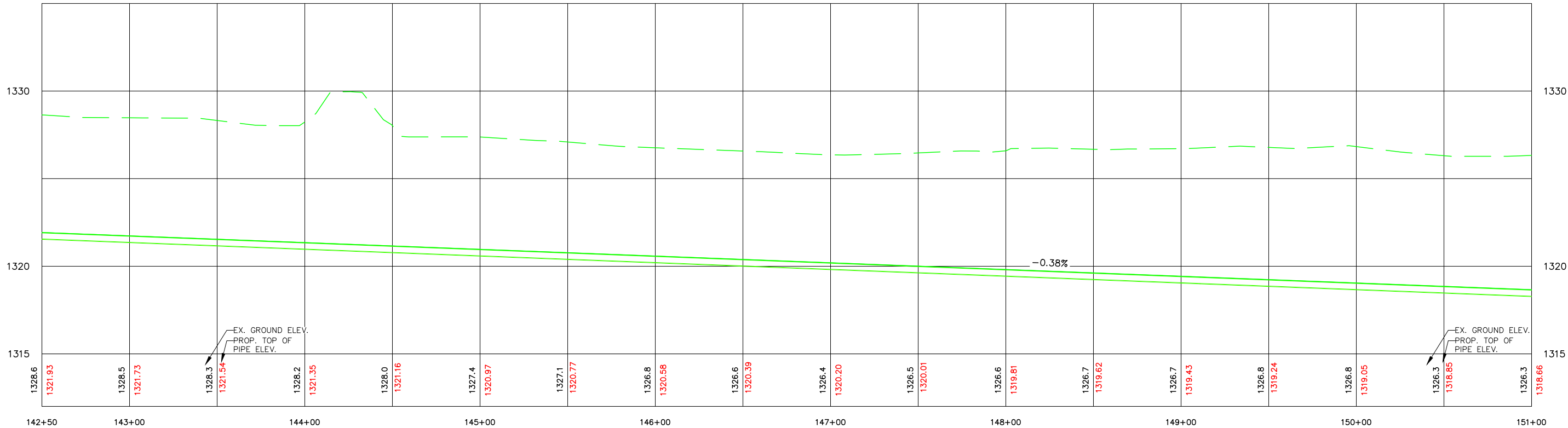


FORCE MAIN PLAN AND PROFILE
STA: 134+00 TO 142+50
COUNTRY VILLAGE LIFT STATION
& FORCE MAIN IMPROVEMENTS
ABERDEEN, SOUTH DAKOTA

Drawn By: TMO
Chk' By: JRA
Proj. No: A-10416
Dwg. No: 10416-01
VP. No: PP(5)
Date: 9/1/26



REPAIR QUANTITIES		
SEED & MULCH	2890	S.Y.
GRAVEL SURFACING	26	S.Y.
RESET SIGN	1	EA.

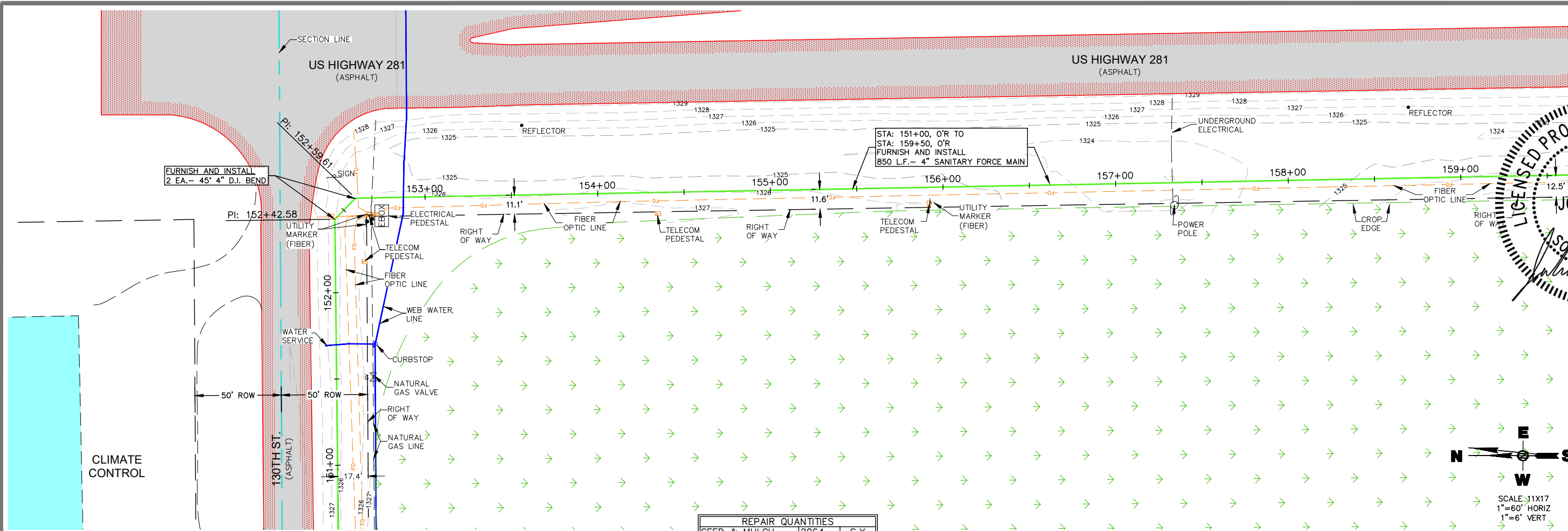


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Email: bob@helmsengineering.com

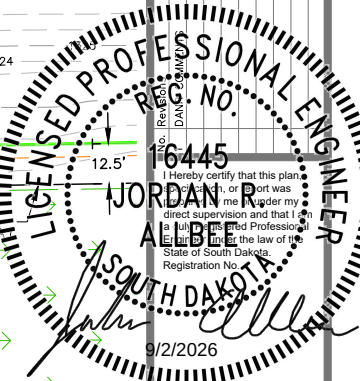


FORCE MAIN PLAN AND PROFILE
STA: 142+50 TO 151+00
COUNTRY VILLAGE LIFT STATION
& FORCE MAIN IMPROVEMENTS
ABERDEEN, SOUTH DAKOTA

Drawn By: TMO
Chk' By: JRA
Proj. No: A-10416
Dwg. No: 10416-01
VP. No: PP(6)
Date: 9/1/26



REPAIR QUANTITIES		
SEED & MULCH	2064	S.Y.
RESET SIGN	1	EA.

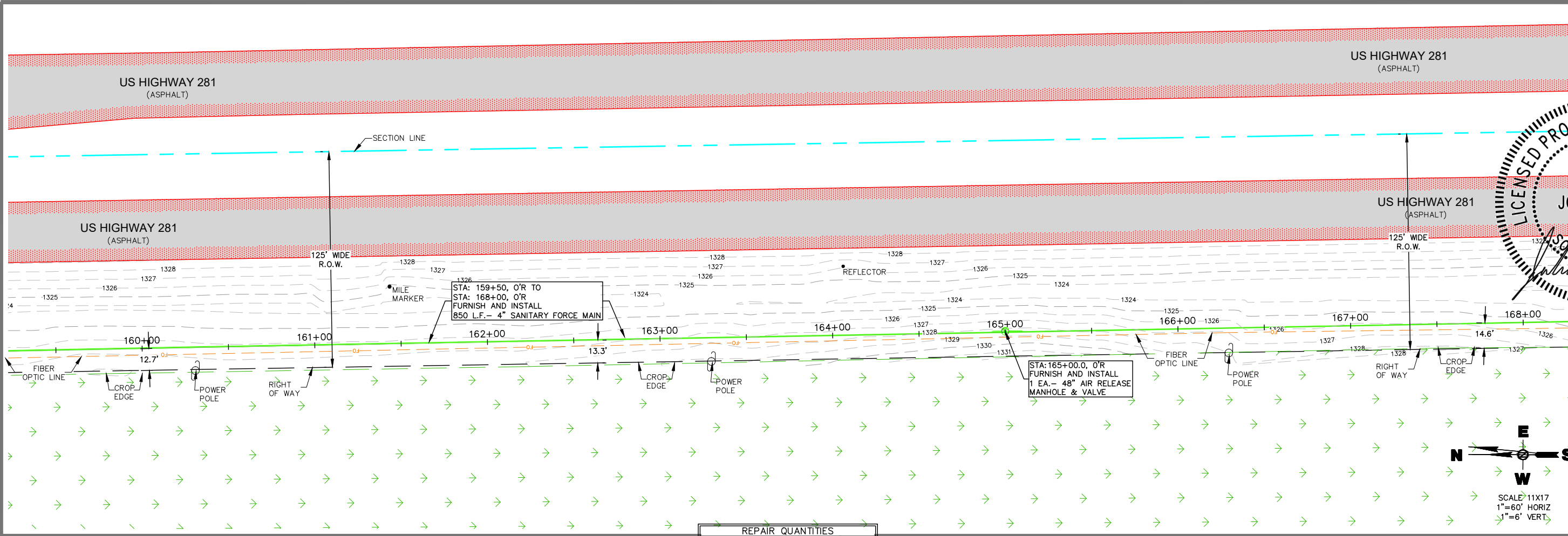


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Email: bob@helmsengineering.com

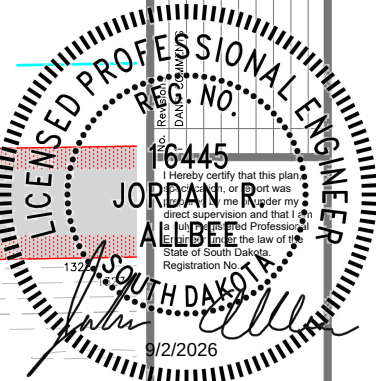
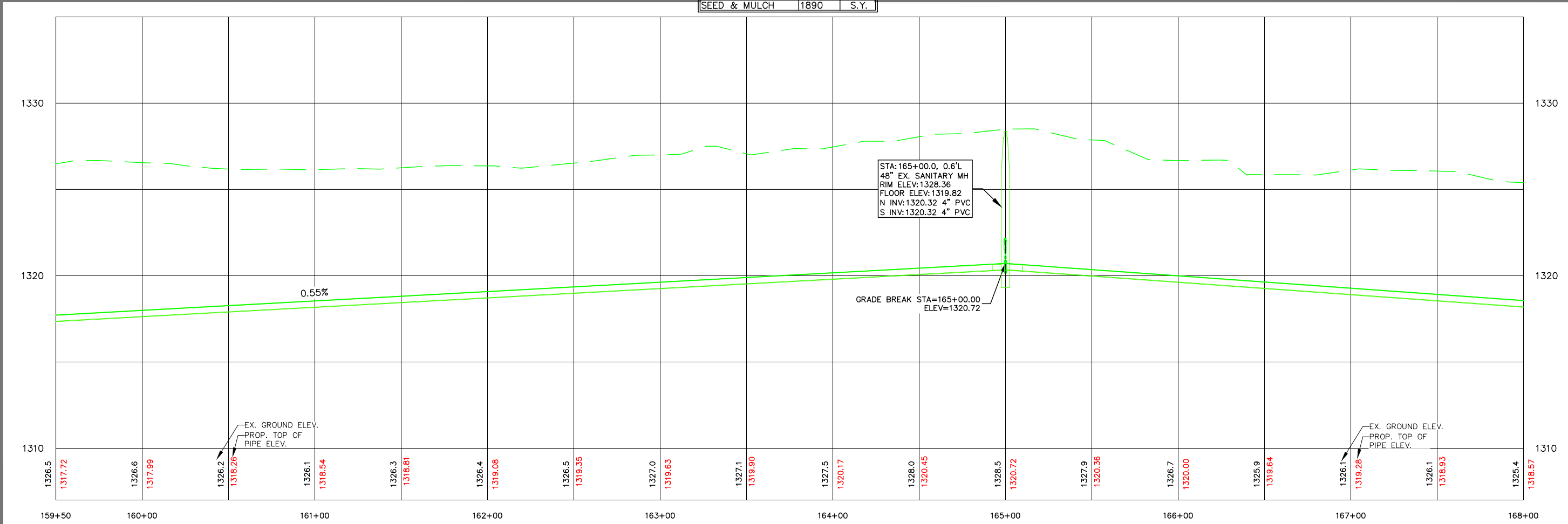


FORCE MAIN PLAN AND PROFILE
STA: 151+00 TO 159+50
COUNTRY VILLAGE LIFT STATION
& FORCE MAIN IMPROVEMENTS
ABERDEEN, SOUTH DAKOTA

Drawn By: TMO
Chk' By: JRA
Proj. No: A-10416
Dwg. No: 10416-01
VP. No: PP(7)
Date: 9/1/26



REPAIR QUANTITIES		
SEED & MULCH	1890	S.Y.

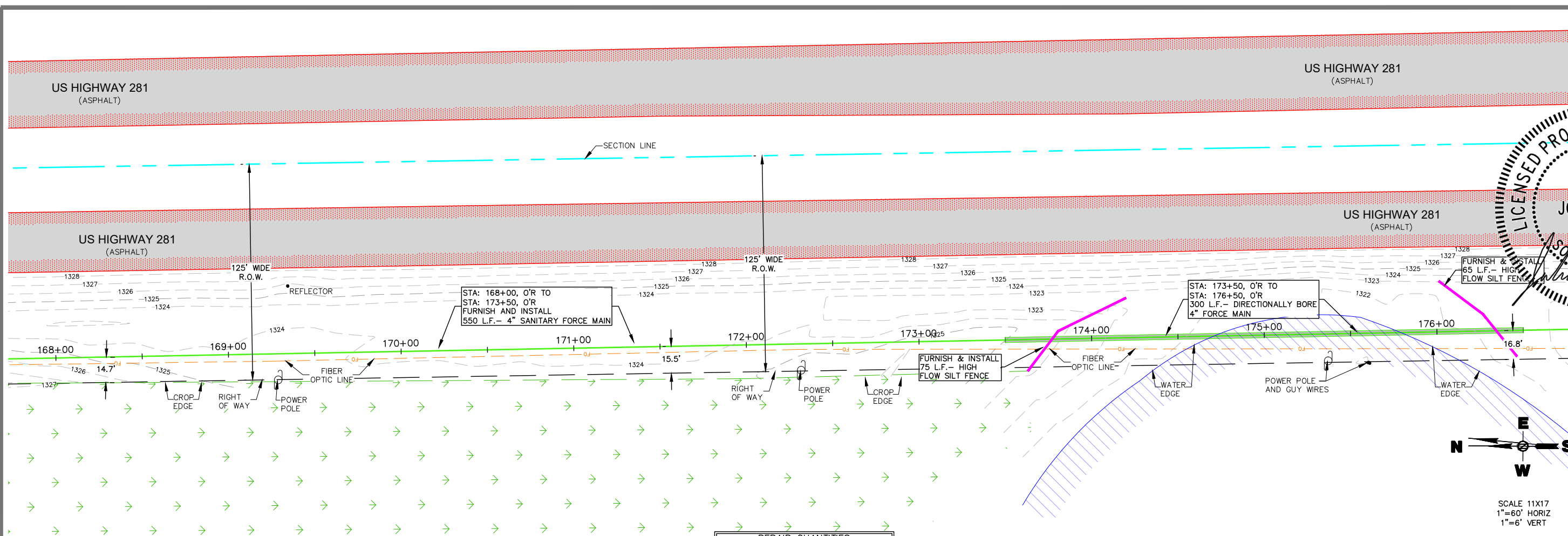


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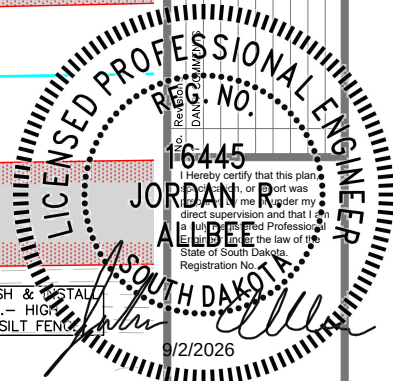
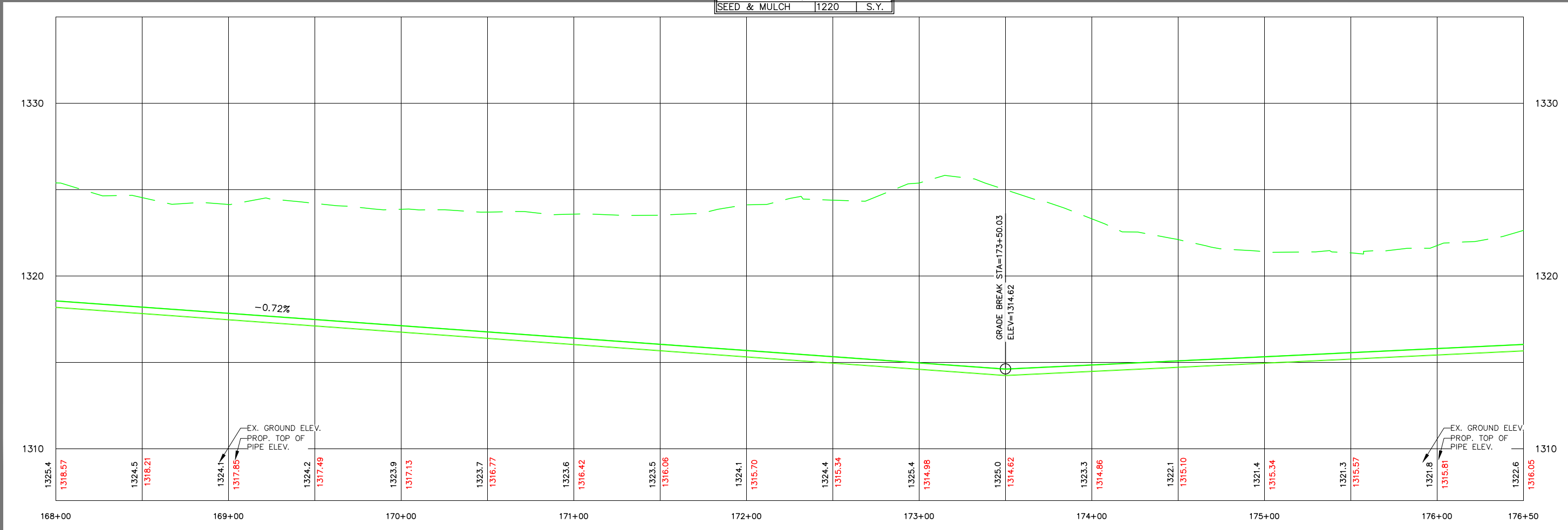


FORCE MAIN PLAN AND PROFILE
STA: 159+50 TO 168+00
COUNTRY VILLAGE LIFT STATION
& FORCE MAIN IMPROVEMENTS
ABERDEEN, SOUTH DAKOTA

Drawn By: TMO
Chk' By: JRA
Proj. No: A-10416
Dwg. No: 10416-01
VP. No: PP(8)
Date: 9/1/26



REPAIR QUANTITIES		
SEED & MULCH	1220	S.Y.

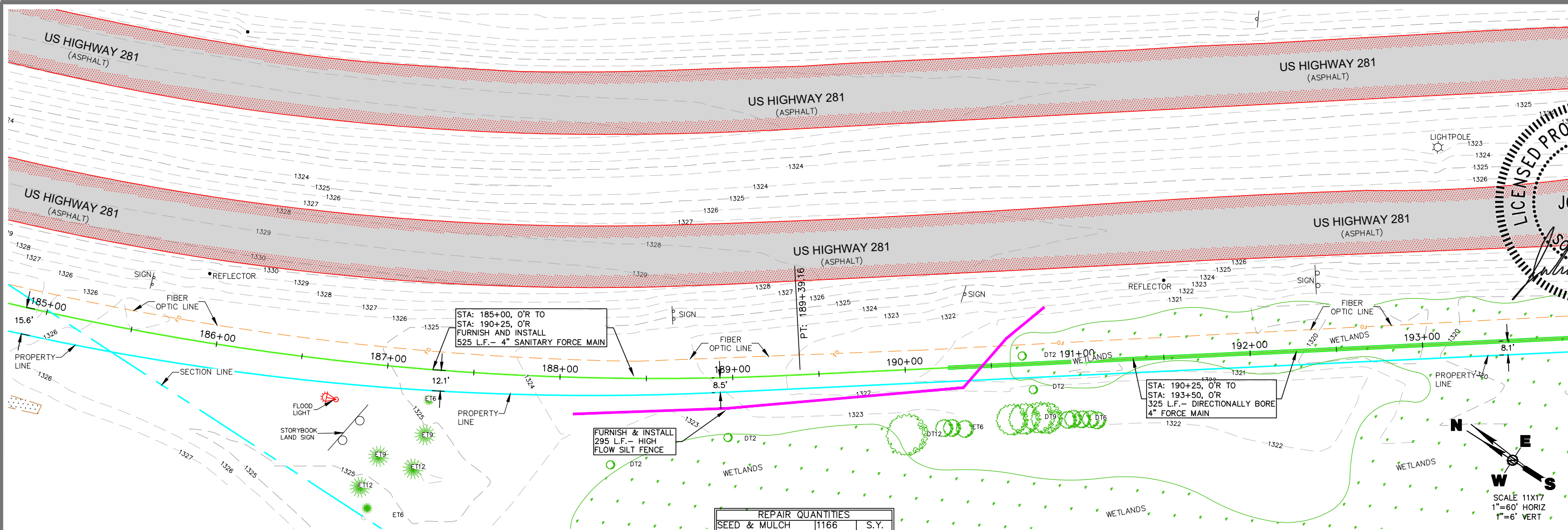


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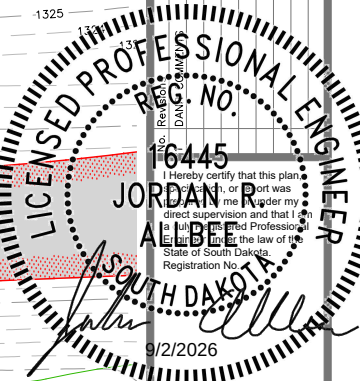


FORCE MAIN PLAN AND PROFILE
STA: 168+00 TO 176+50
COUNTRY VILLAGE LIFT STATION
& FORCE MAIN IMPROVEMENTS
ABERDEEN, SOUTH DAKOTA

Drawn By: TMO
Chk' By: JRA
Proj. No: A-10416
Dwg. No: 10416-01
VP. No: PP(9)
Date: 9/1/26



REPAIR QUANTITIES		
SEED & MULCH	1166	S.Y.

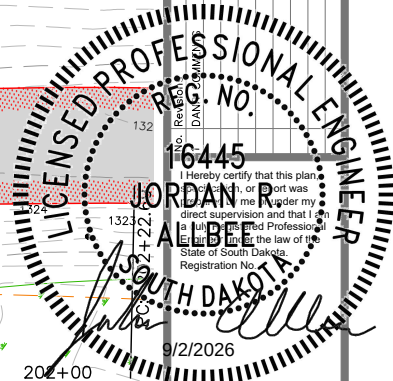
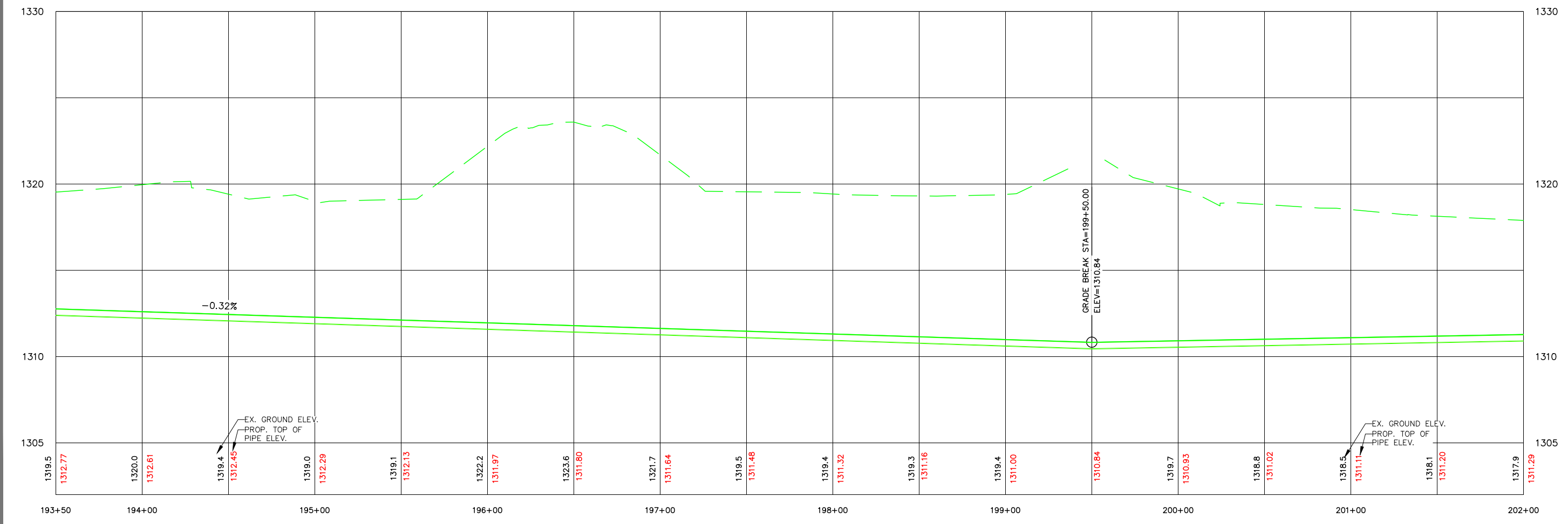
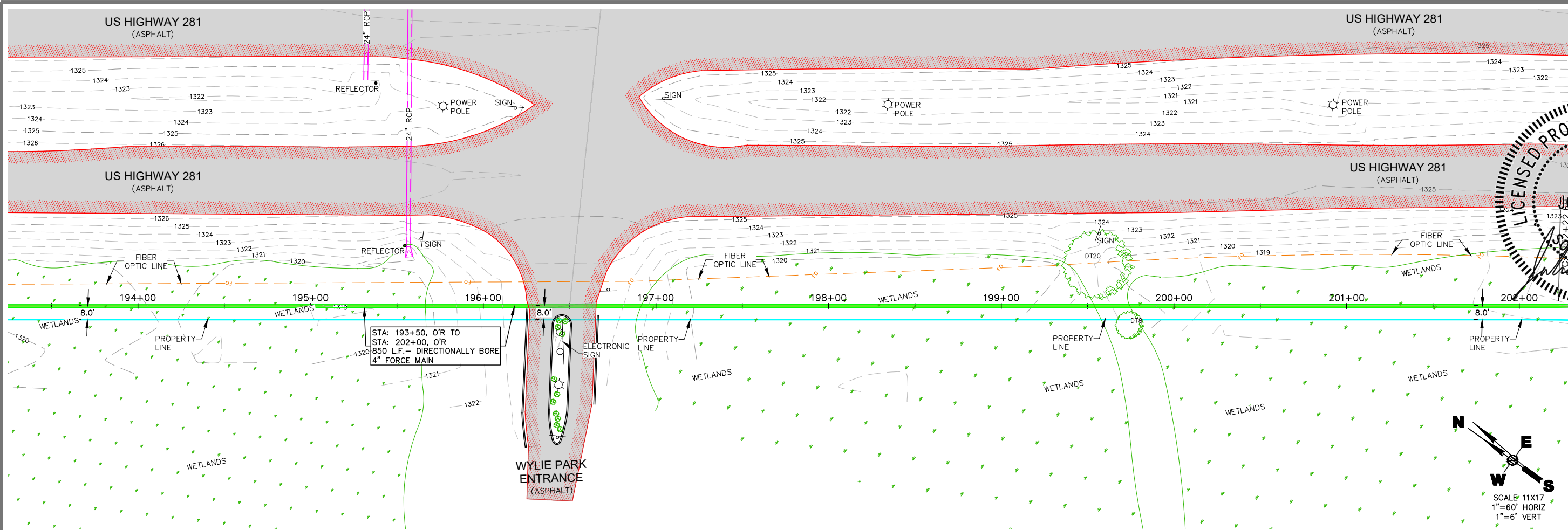


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FORCE MAIN PLAN AND PROFILE
STA: 185+00 TO 193+50
COUNTRY VILLAGE LIFT STATION
& FORCE MAIN IMPROVEMENTS
ABERDEEN, SOUTH DAKOTA

Drawn By: TMO
Chk' By: JRA
Proj. No: A-10416
Dwg. No: 10416-01
VP. No: PR(11)
Date: 9/1/26

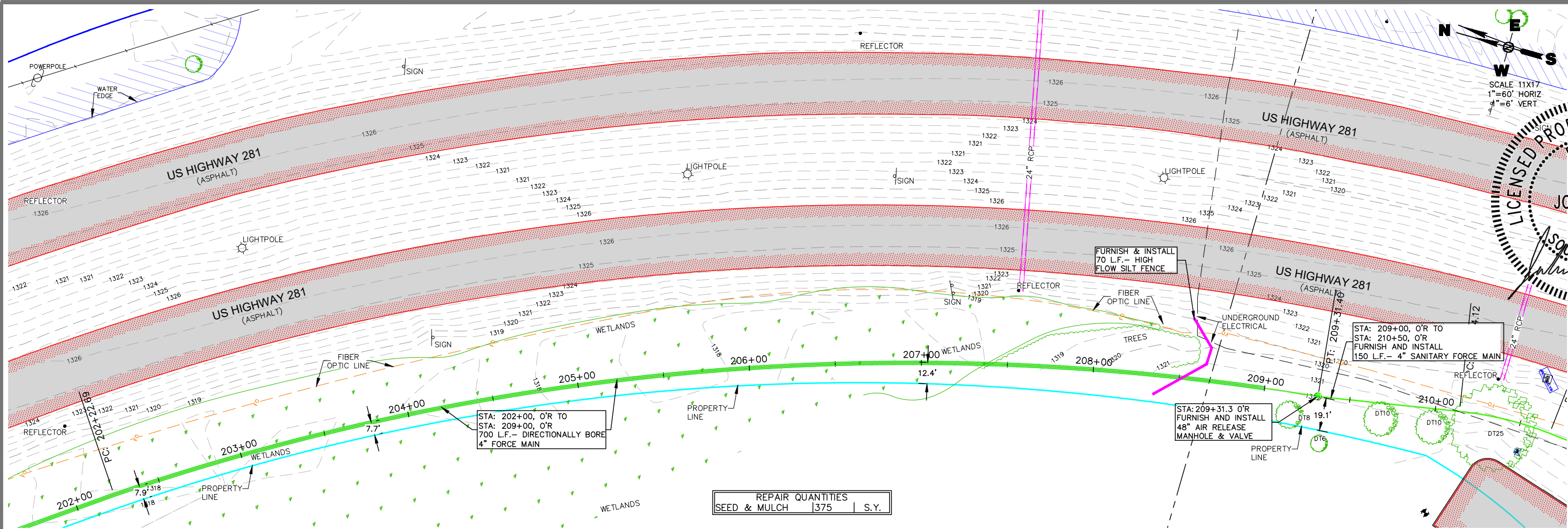


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FORCE MAIN PLAN AND PROFILE
STA: 193+50 TO 202+00
 COUNTRY VILLAGE LIFT STATION
 & FORCE MAIN IMPROVEMENTS
 ABERDEEN, SOUTH DAKOTA

Drawn By: TMO
 Chk' By: JRA
 Proj. No: A-10416
 Dwg. No: 10416-01
 VP. No: PP(12)
 Date: 9/1/26



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Email: bob@helmsengineering.com

SPN Helms

CIVIL ENGINEERS & LAND SURVEYORS

DATE: 9/2/2026

REVISIONS:

NO. 16445

NAME: JORDAN R. ALBERT

STATE: SOUTH DAKOTA

REGISTRATION NO. 16445

DATE: 9/2/2026

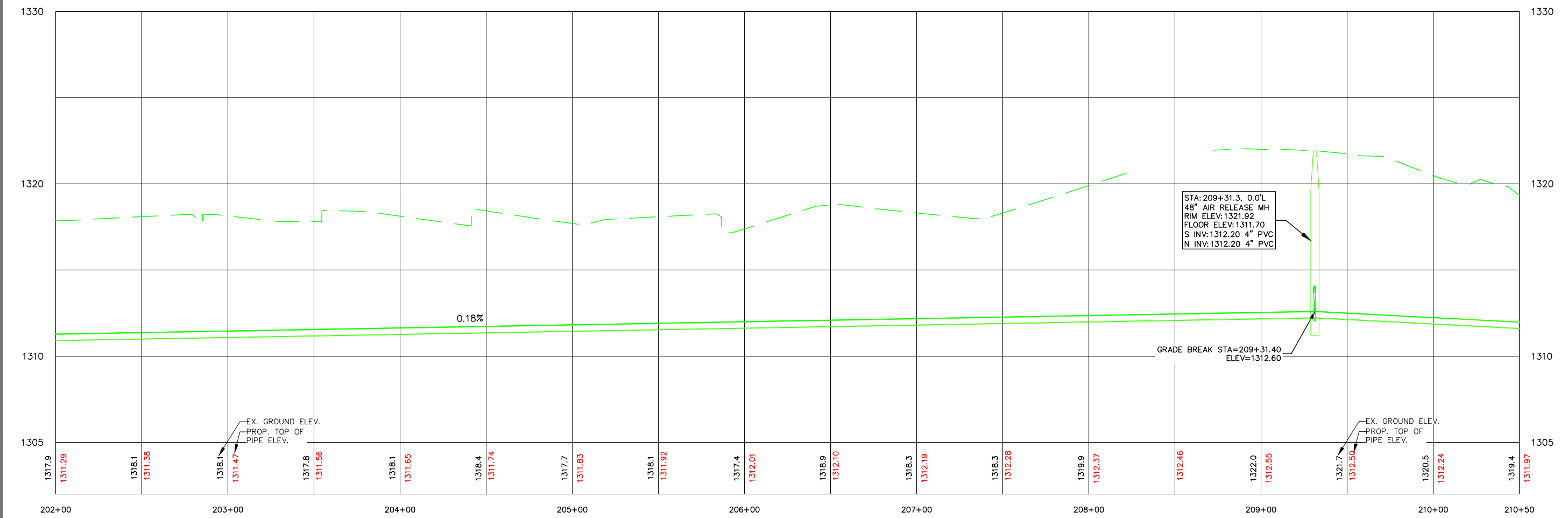
REVISIONS:

NO. 16445

NAME: JORDAN R. ALBERT

STATE: SOUTH DAKOTA

REGISTRATION NO. 16445



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Phone: 605.225.1212
Fax: 605.225.3189
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SPN Helms

CIVIL ENGINEERS & LAND SURVEYORS

DATE: 9/1/26

REVISIONS:

NO. 16445

NAME: JORDAN R. ALBERT

STATE: SOUTH DAKOTA

REGISTRATION NO. 16445

DATE: 9/1/26

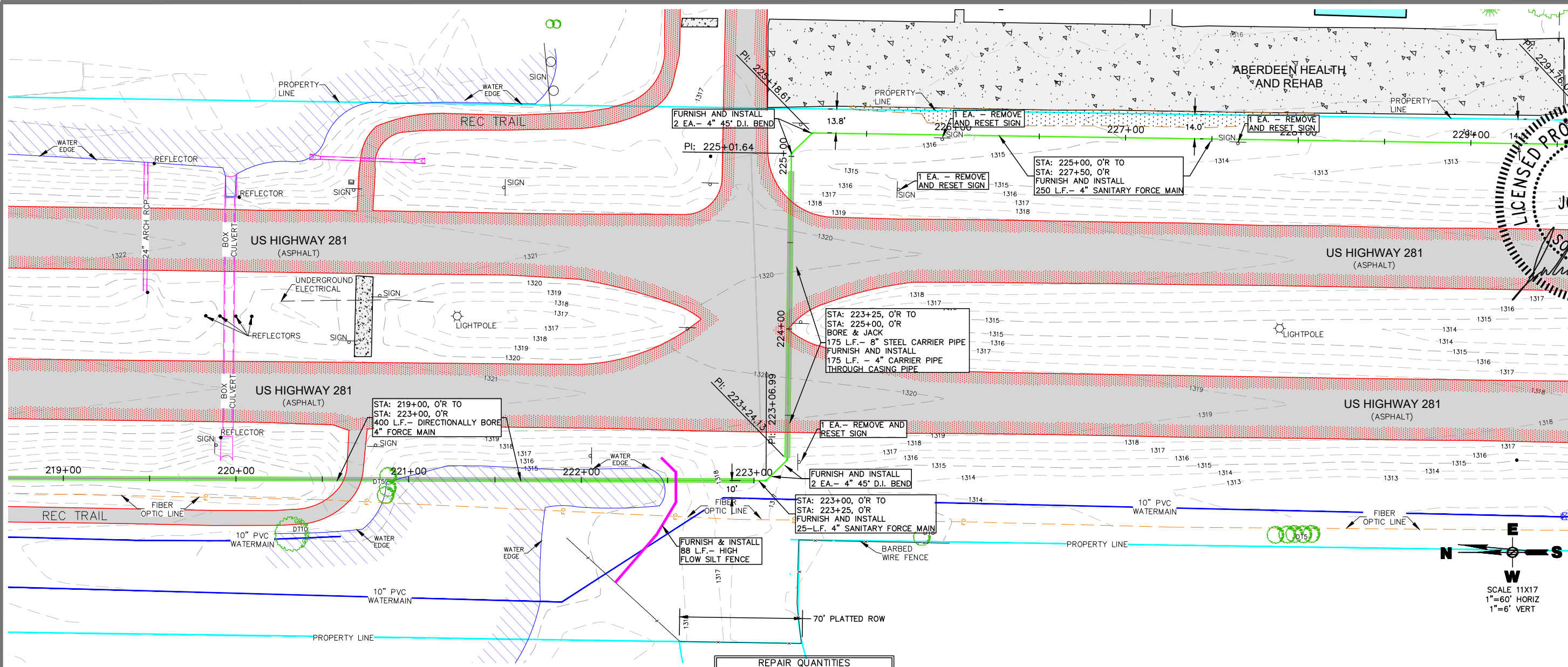
REVISIONS:

NO. 16445

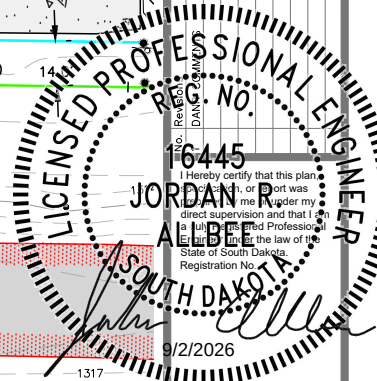
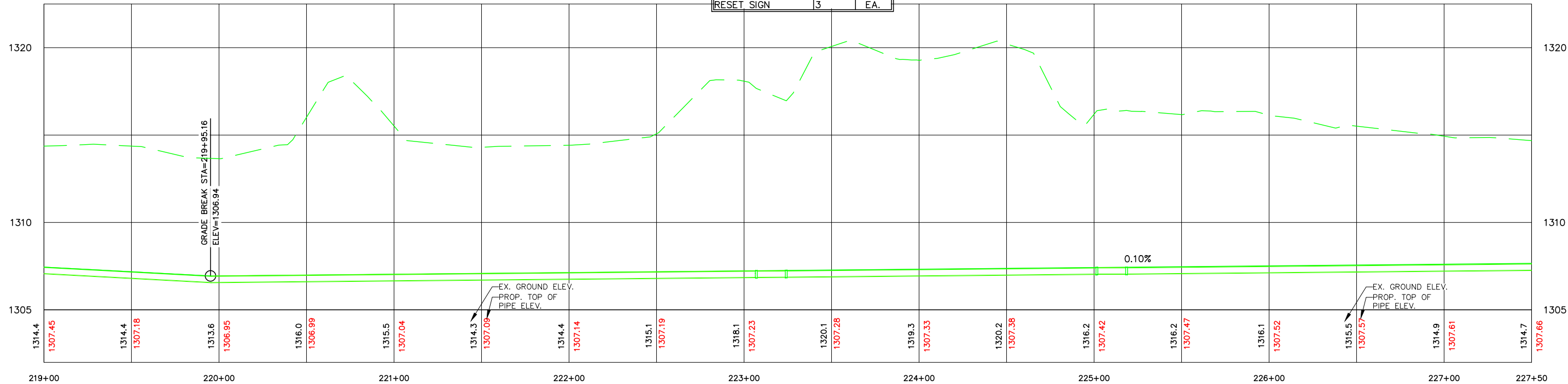
NAME: JORDAN R. ALBERT

STATE: SOUTH DAKOTA

REGISTRATION NO. 16445



REPAIR QUANTITIES		
SEED & MULCH	855	S.Y.
RESET SIGN	3	E.A.

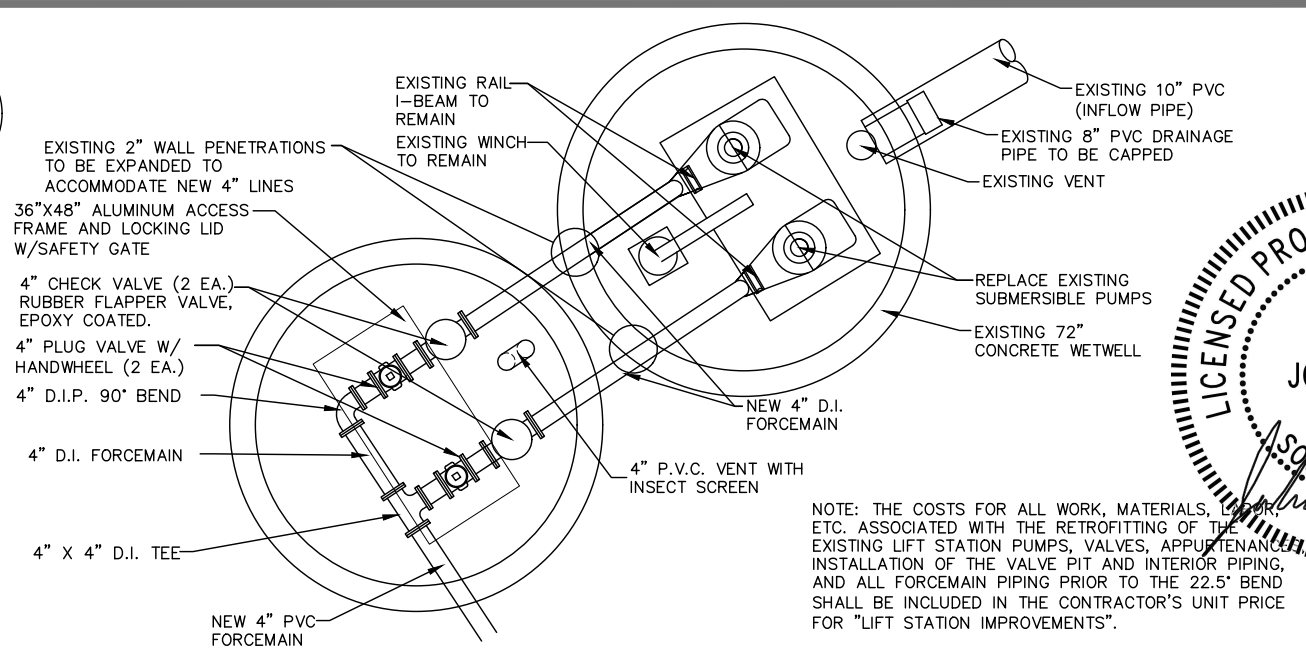
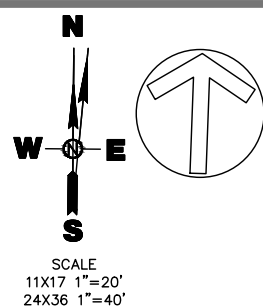
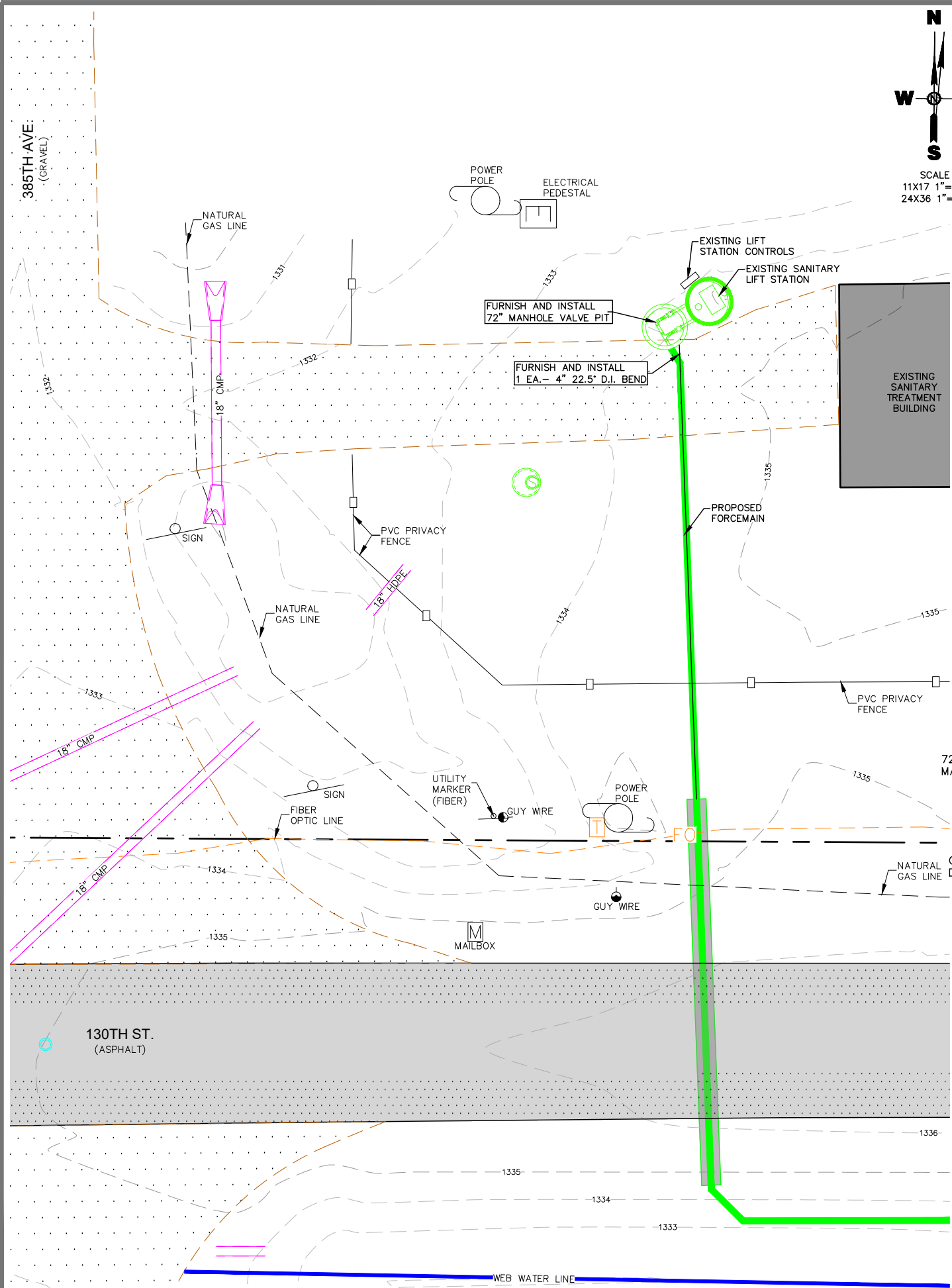


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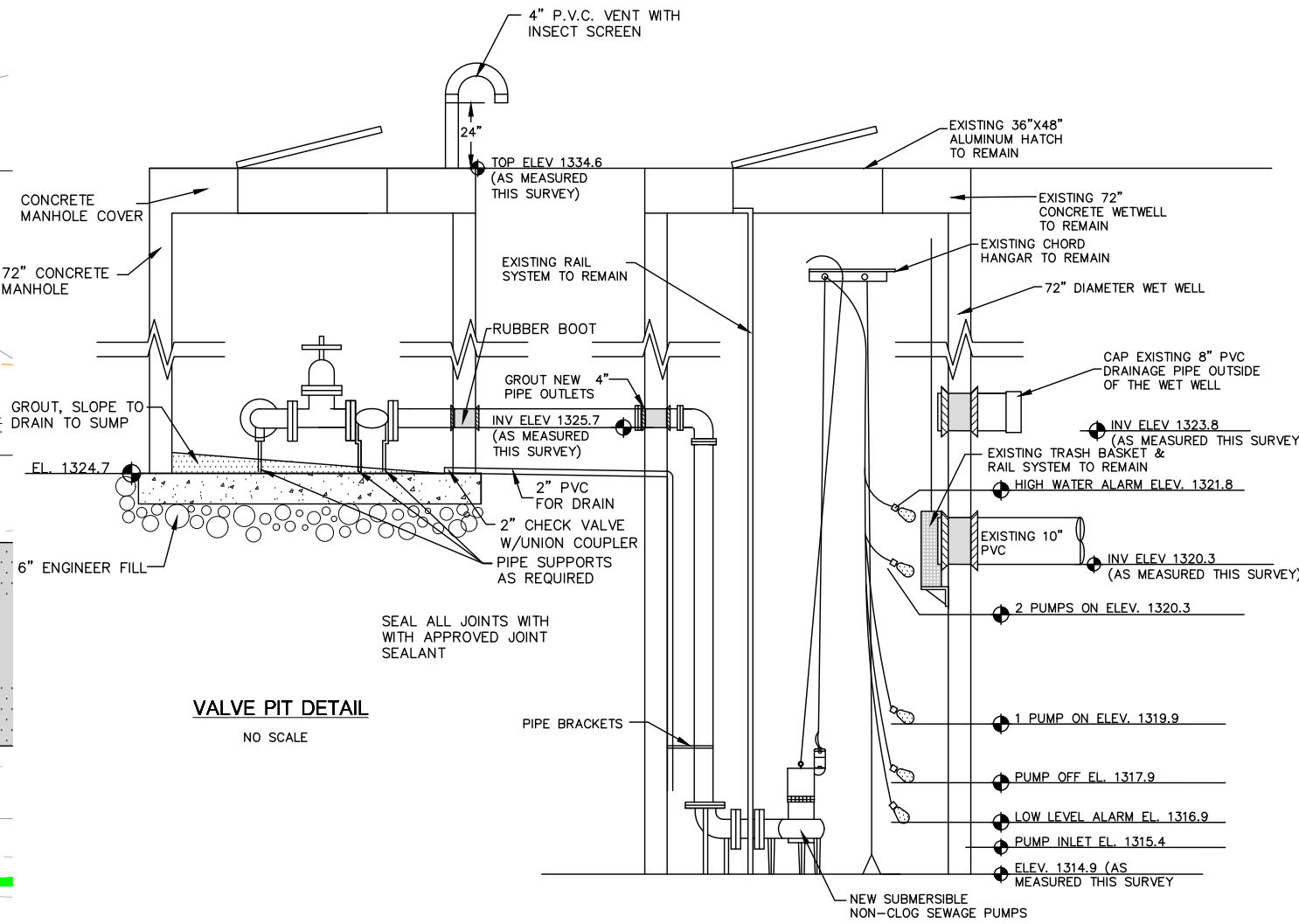


FORCE MAIN PLAN AND PROFILE
STA: 219+00 TO 227+50
COUNTRY VILLAGE LIFT STATION
& FORCE MAIN IMPROVEMENTS
ABERDEEN, SOUTH DAKOTA

Drawn By: TMO
Chk' By: JRA
Proj. No: A-10416
Dwg. No: 10416-01
VP. No: PR(15)
Date: 9/2/26

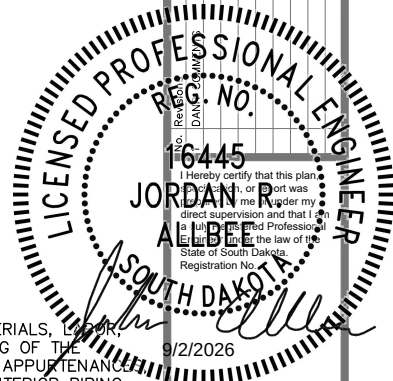


NOTE: THE COSTS FOR ALL WORK, MATERIALS, LABOR, ETC. ASSOCIATED WITH THE RETROFITTING OF THE EXISTING LIFT STATION PUMPS, VALVES, APPURTENANCES, INSTALLATION OF THE VALVE PIT AND INTERIOR PIPING, AND ALL FORCEMAIN PIPING PRIOR TO THE 22.5' BEND SHALL BE INCLUDED IN THE CONTRACTOR'S UNIT PRICE FOR "LIFT STATION IMPROVEMENTS".



VALVE PIT DETAIL
NO SCALE

LIFT STATION IMPROVEMENTS DETAIL
NO SCALE



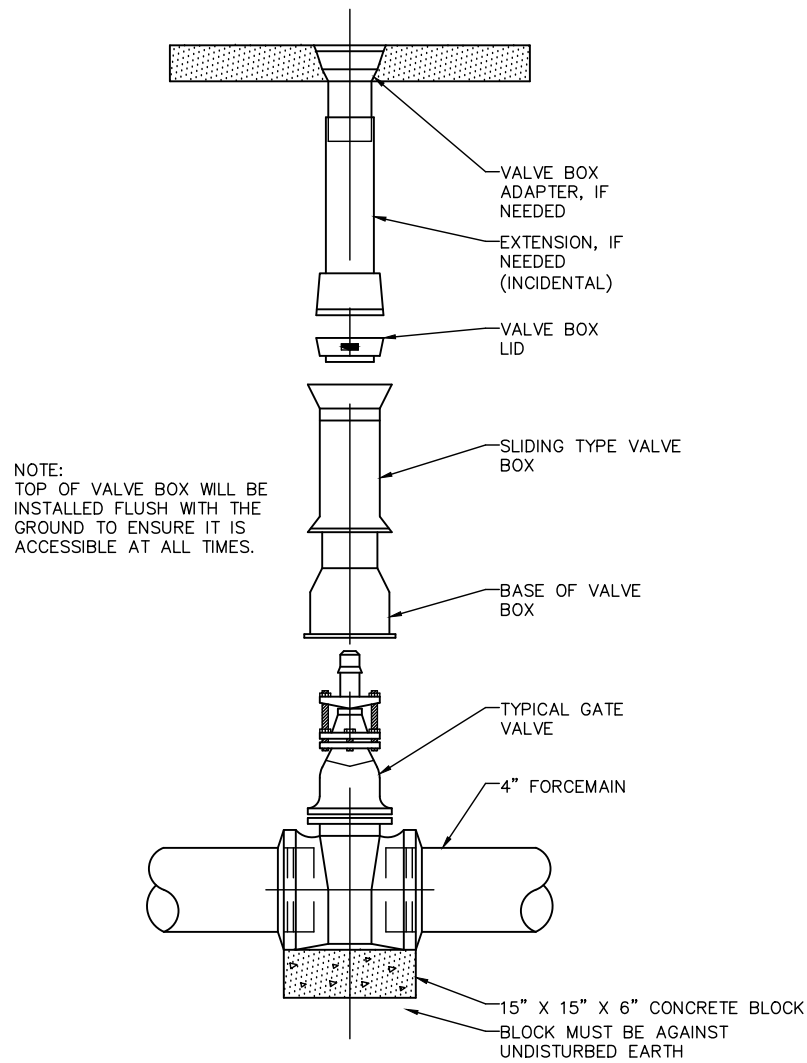
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Email: bob@helmsengineering.com



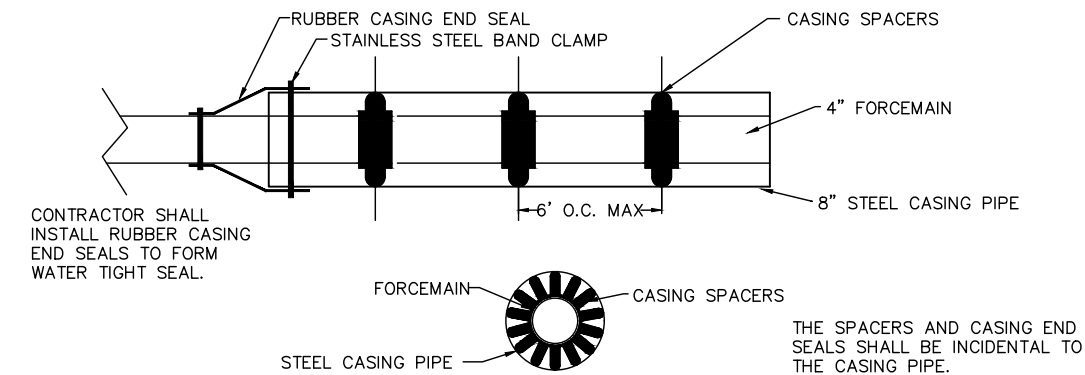
LIFT STATION IMPROVEMENTS

COUNTRY VILLAGE LIFT STATION
& FORCE MAIN IMPROVEMENTS
ABERDEEN, SOUTH DAKOTA

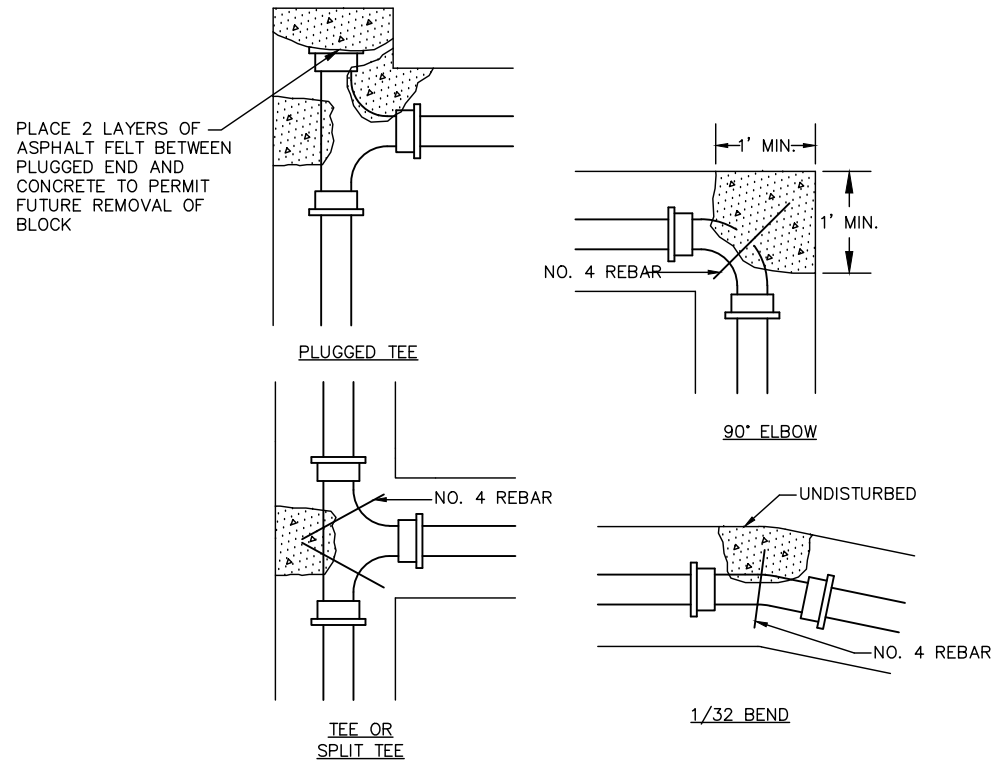
Drawn By: TMO
Chk' By: JRA
Proj. No: A-10416
Dwg. No: 10416-01
VP. No: LIFT
Date: 8/26/26



TYPICAL GATE VALVE DETAIL
NO SCALE

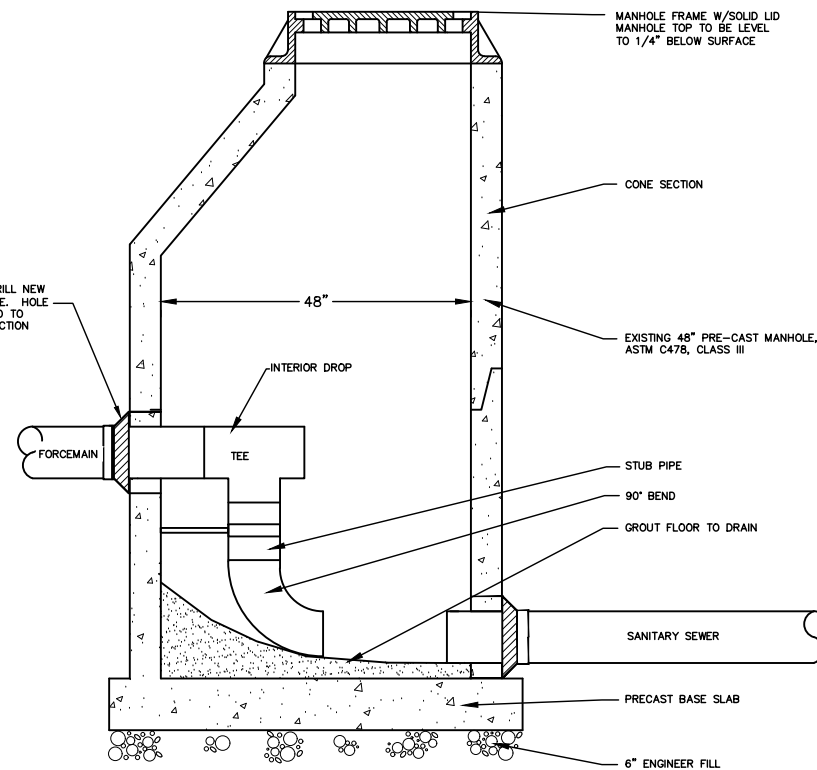


TYPICAL ROADWAY CASING DETAIL
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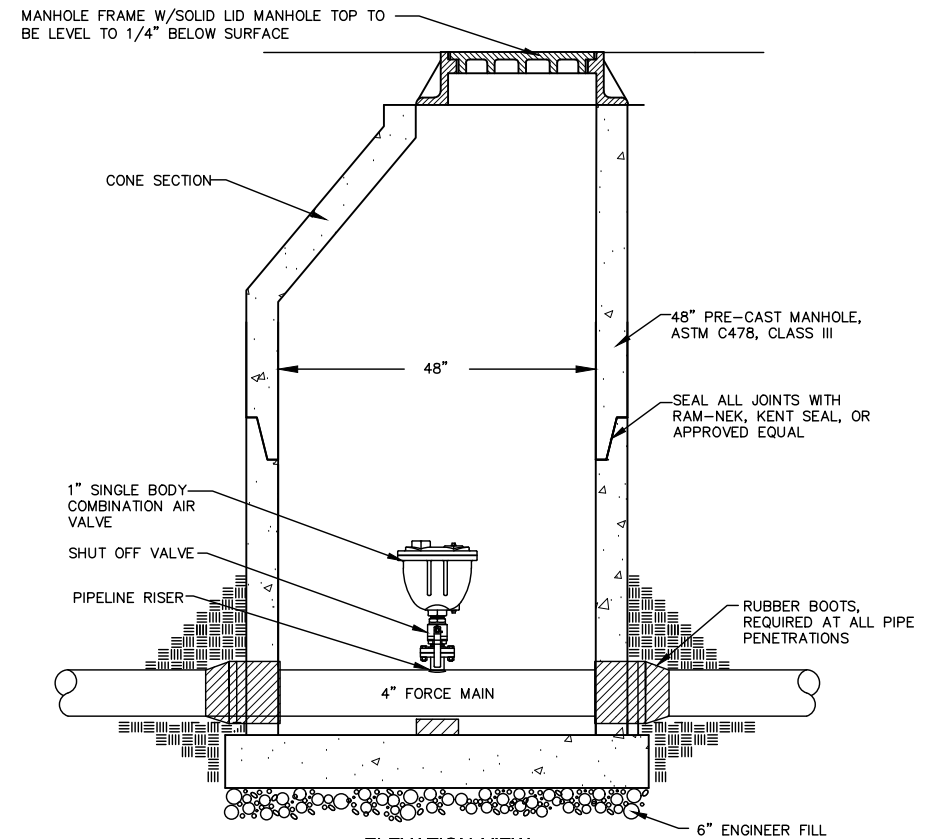


NOTE:
SIZE AND TYPE OF THRUST BLOCKING IS DEPENDENT IN PART ON FORCEMAIN PRESSURE, PIPE SIZE, TYPE OF FITTING, AND SOIL. CONTRACTOR WILL DETERMINE EXISTING SOIL TYPE AND CONDITION. CONTRACTOR WILL SIZE THRUST BLOCKING IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDED INSTALLATION PROCEDURES AND GUIDELINES.

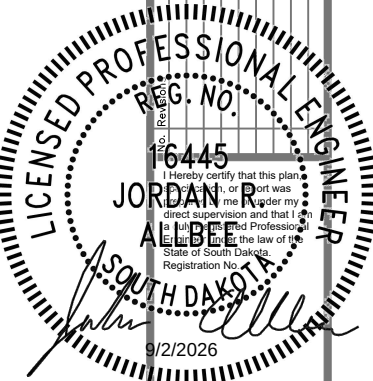
TYPICAL THRUST BLOCK DETAILS
NO SCALE



48\"/>



AIR RELEASE MANHOLE DETAIL
NO SCALE

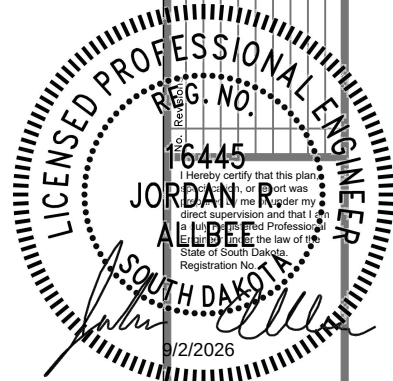
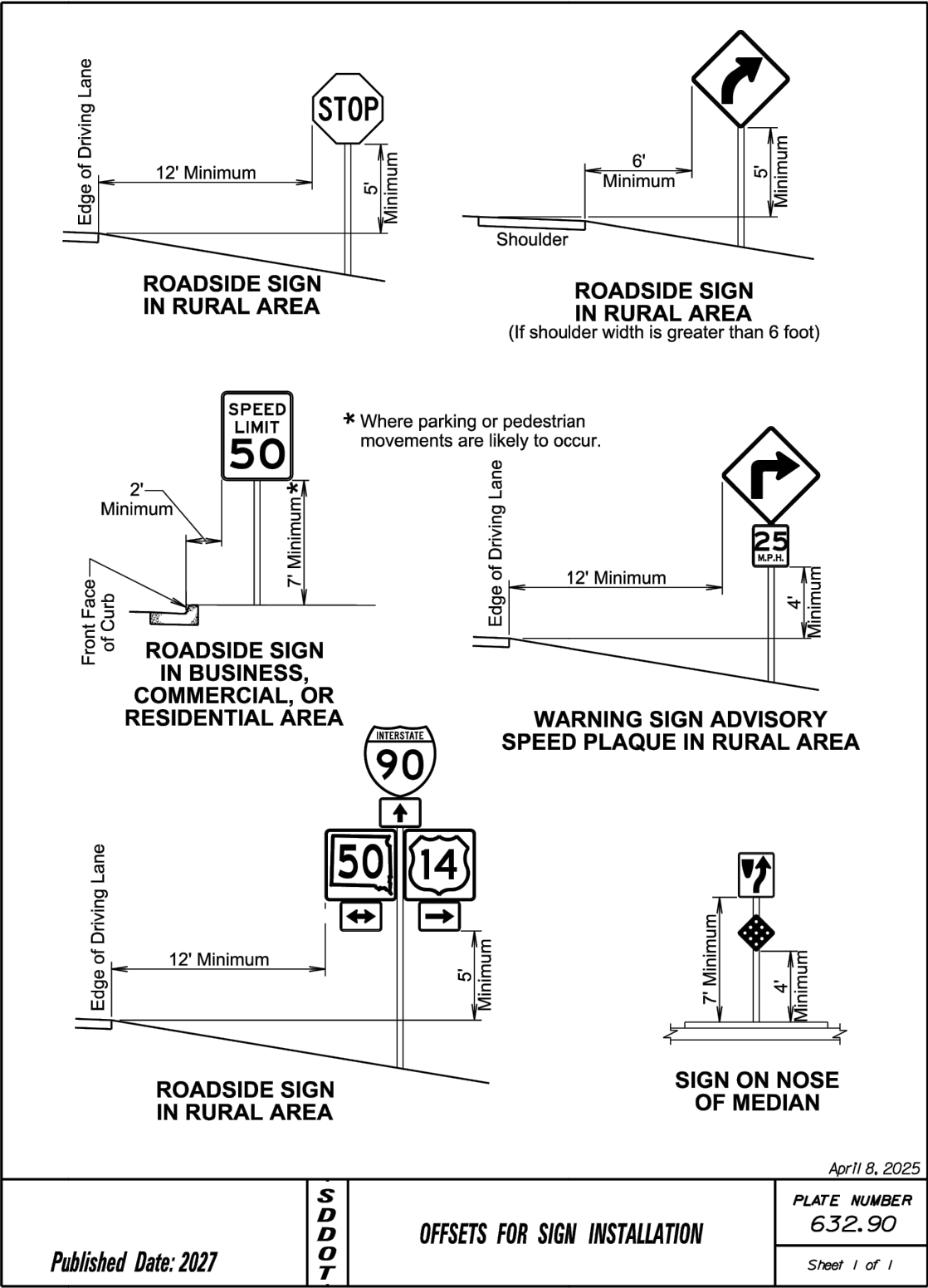
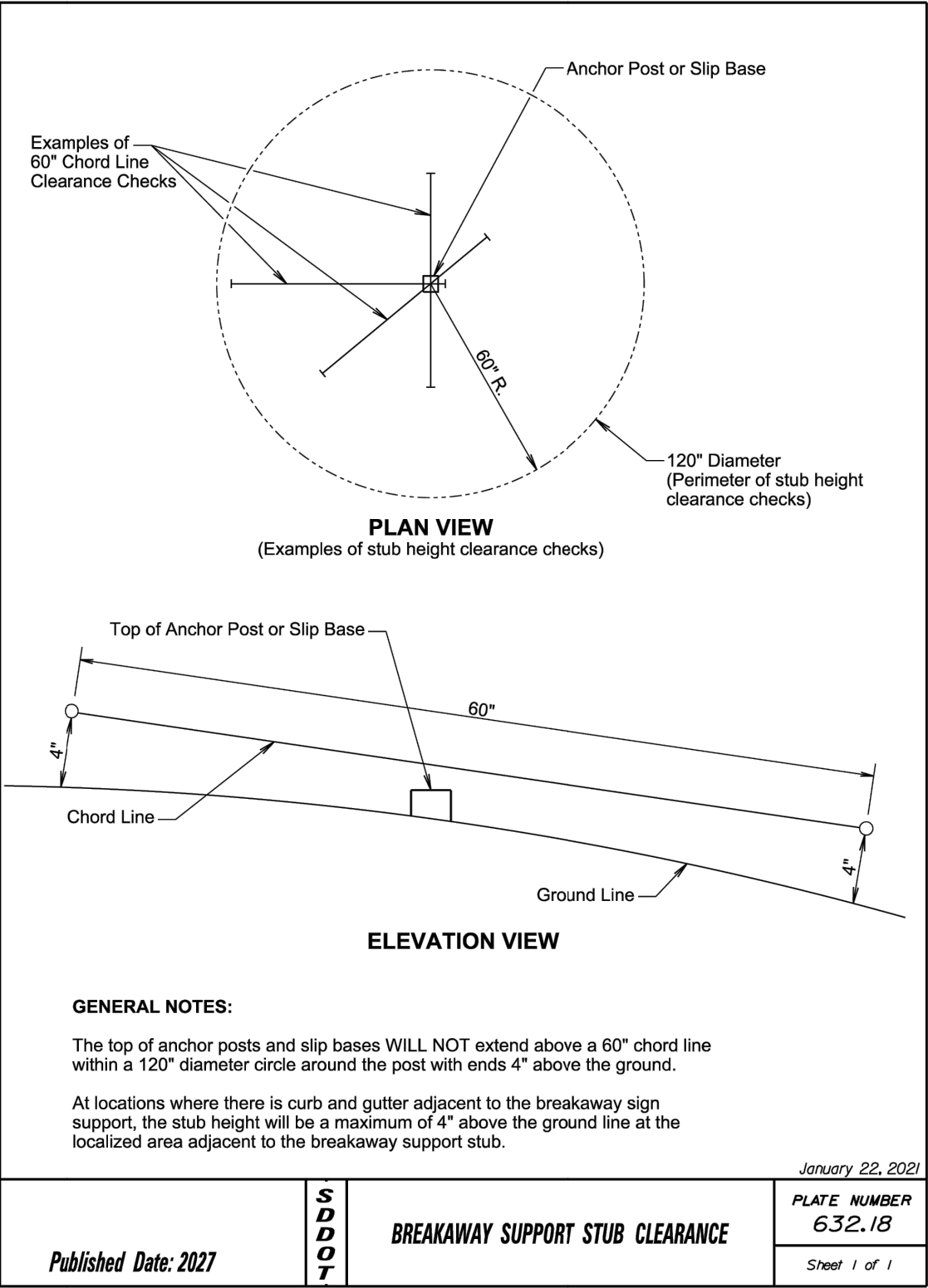


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DETAILS
COUNTRY VILLAGE LIFT STATION
& FORCE MAIN IMPROVEMENTS
ABERDEEN, SOUTH DAKOTA

Drawn By: TMO
Chk' By: JRA
Proj. No: A-10416
Dwg. No: 10416-01
VP. No: DET
Date: 8/26/26



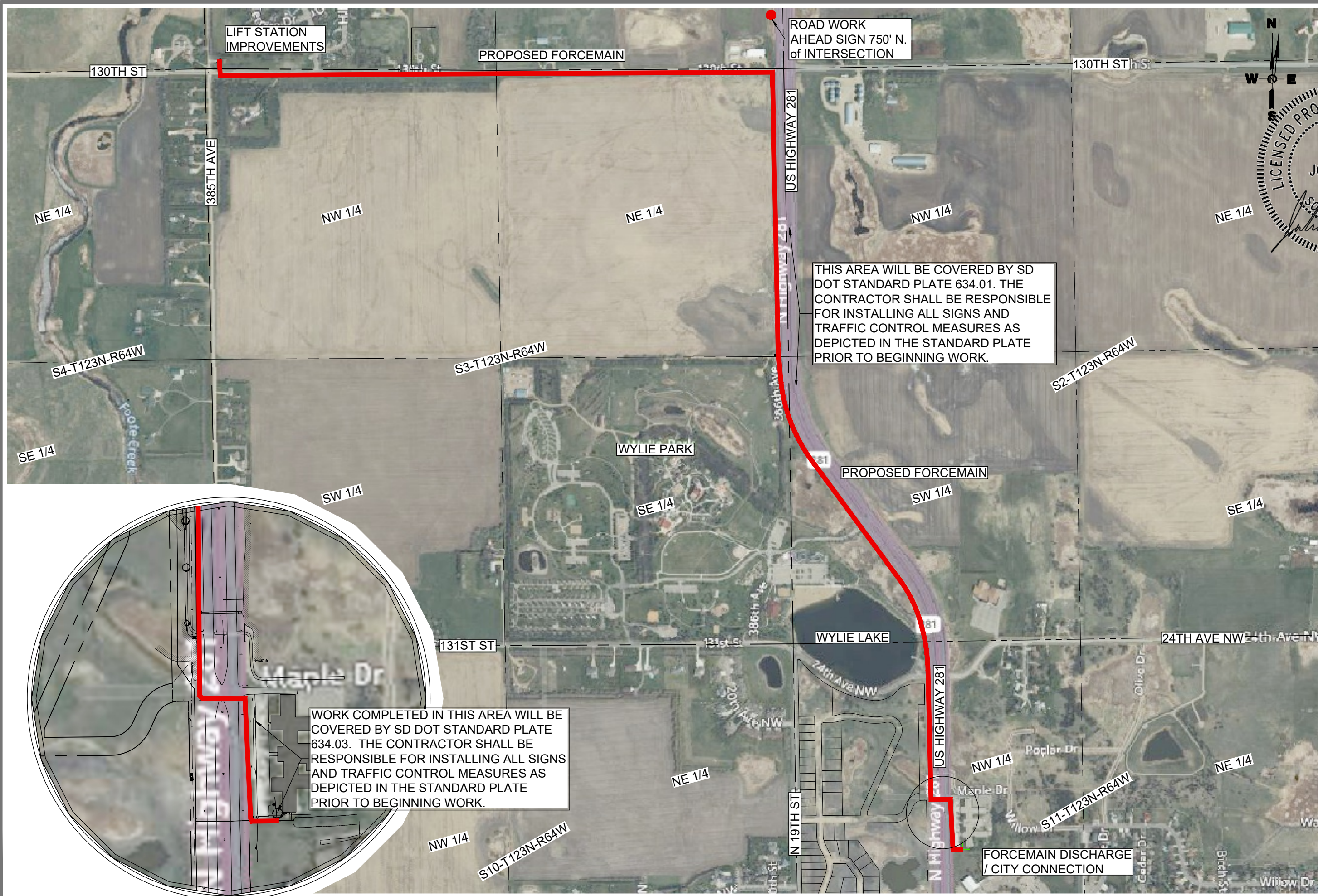
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DETAILS

COUNTRY VILLAGE LIFT STATION
& FORCE MAIN IMPROVEMENTS
ABERDEEN, SOUTH DAKOTA

Drawn By: TMO
Chk' By: JRA
Proj. No: A-10416
Dwg. No: 10416-01
VP. No: DET (2)
Date: 8/26/26



LIFT STATION
IMPROVEMENTS

PROPOSED FORCEMAIN

ROAD WORK
AHEAD SIGN 750' N.
of INTERSECTION

THIS AREA WILL BE COVERED BY SD
DOT STANDARD PLATE 634.01. THE
CONTRACTOR SHALL BE RESPONSIBLE
FOR INSTALLING ALL SIGNS AND
TRAFFIC CONTROL MEASURES AS
DEPICTED IN THE STANDARD PLATE
PRIOR TO BEGINNING WORK.

WORK COMPLETED IN THIS AREA WILL BE
COVERED BY SD DOT STANDARD PLATE
634.03. THE CONTRACTOR SHALL BE
RESPONSIBLE FOR INSTALLING ALL SIGNS
AND TRAFFIC CONTROL MEASURES AS
DEPICTED IN THE STANDARD PLATE
PRIOR TO BEGINNING WORK.

FORCEMAIN DISCHARGE
/ CITY CONNECTION



Date: 8/25/26
Revision: 1
No. 16445
JORDAN R. ALBEE
SOUTH DAKOTA
Registration No. 16445
9/2/2026
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ROUTE LAYOUT
COUNTRY VILLAGE LIFT STATION
& FORCE MAIN IMPROVEMENTS
ABERDEEN, SOUTH DAKOTA

Drawn By: TMO
Chk' By: JRA
Proj. No: A-10416
Dwg. No: 10416-01
VP. No: TRAF
Date: 8/26/26

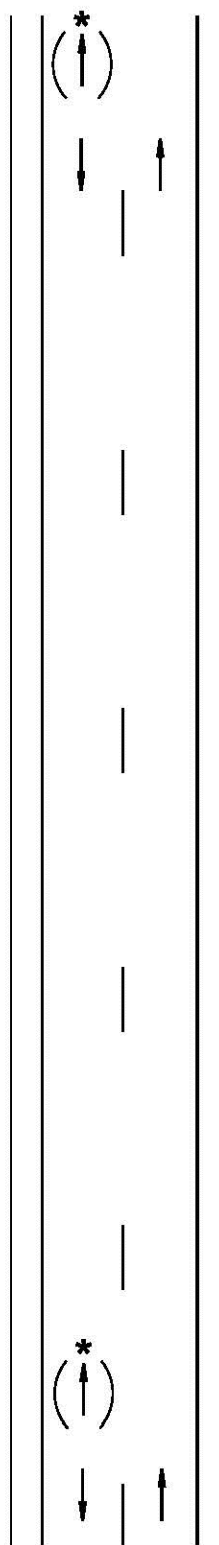
The signs illustrated are not required if the work space is behind a barrier, more than 2 feet behind the curb, or 15 feet or more from the edge of any roadway.

The signs illustrated will be used where there are distracting situations; such as: vehicles parked on shoulder, vehicles accessing the work site via the highway, and equipment traveling on or crossing the roadway to perform work operations.

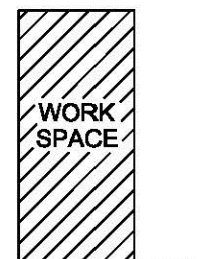
The ROAD WORK AHEAD sign may be replaced with other appropriate signs, such as the SHOULDER WORK sign. The SHOULDER WORK sign may be used for work adjacent to the shoulder.

* If the work space is on a divided highway, an advance warning sign should also be placed on the left side of the directional roadway.

For short term, short duration, or mobile operations, all signs and channelizing devices may be eliminated if a vehicle with an activated flashing or revolving yellow light is used.



Posted Speed Prior to Work (M.P.H.)	Spacing of Advance Warning Signs (Feet) (A)
0 - 30	200
35 - 40	350
45 - 50	500
55	750
60 - 80	1000



January 22, 2021

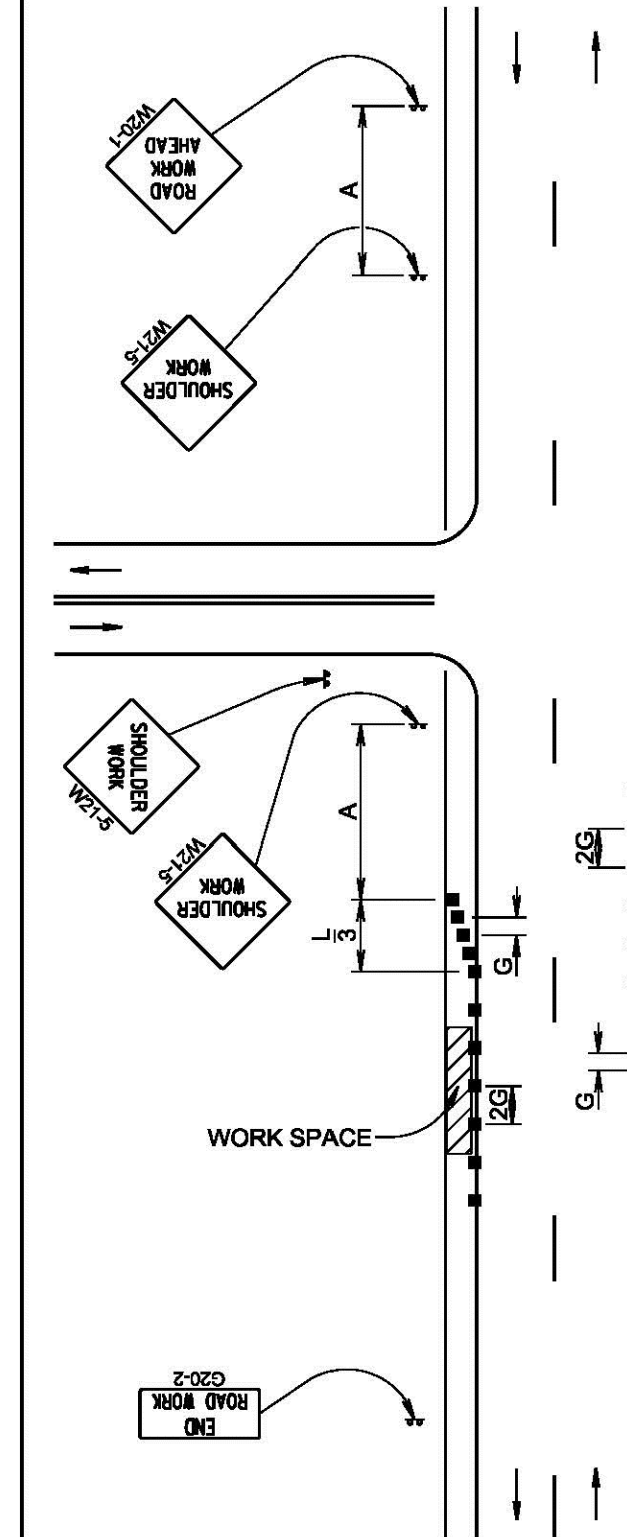
Published Date: 2027

SDDOT

WORK BEYOND THE SHOULDER

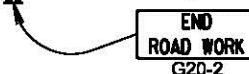
PLATE NUMBER
634.01

Sheet 1 of 1



Posted Speed Prior to Work (M.P.H.)	Spacing of Advance Warning Signs (Feet) (A)	Taper Length (Feet) (L)	Spacing of Channelizing Devices (Feet) (G)
0 - 30	200	180	25
35 - 40	350	320	25
45	500	600	25
50	500	600	50
55	750	660	50
60 - 65	1000	780	50

Channelizing Device



The channelizing devices will be drums or 42" cones if traffic control must remain overnight.

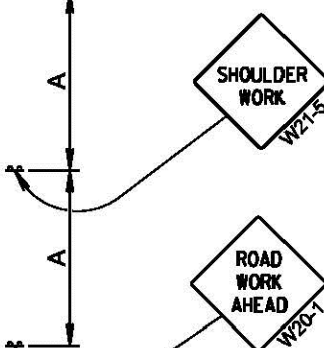
For short duration operations (1 hour or less) all channelizing devices may be eliminated if a vehicle with an activated flashing or revolving yellow light is used.

Worker signs (W21-1 or W21-1a) may be used instead of SHOULDER WORK signs.

A SHOULDER WORK sign should be placed on the left side of a divided or one-way roadway only if the left shoulder is affected.

The SHOULDER WORK sign on an intersecting roadway is not required if drivers emerging from that roadway will encounter another advance warning sign before they reach a work activity area.

WORK SPACE



January 22, 2021

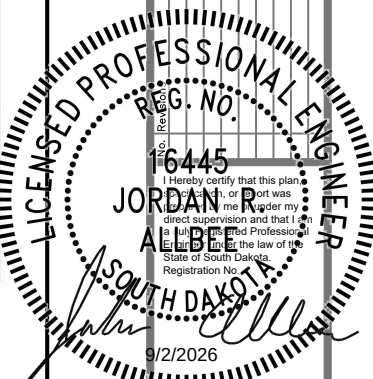
Published Date: 2027

SDDOT

WORK ON SHOULDERS

PLATE NUMBER
634.03

Sheet 1 of 1



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DETAILS

COUNTRY VILLAGE LIFT STATION
& FORCE MAIN IMPROVEMENTS
ABERDEEN, SOUTH DAKOTA

Drawn By: TMO
Chk' By: JRA
Proj. No: A-10416
Dwg. No: 10416-01
VP. No: DET (3)
Date: 8/26/26

STORMWATER POLLUTION PREVENTION PLAN CHECKLIST

(The numbers left of the title headings are **reference numbers** to the GENERAL PERMIT FOR STORM WATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITIES (Stormwater Permit))

5.3 (2): STAFF TRAINING/SWPPP IMPLEMENTATION

To promote stormwater management awareness specific for this project, the Contractor's Erosion Control Supervisor should provide correspondence of how the SWPPP will be implemented. The Contractor's Erosion Control Supervisor is responsible for providing this information at the preconstruction meeting, and subsequently completing an attendance log, which should identify site-specific implementation of the SWPPP and the names of the personnel who attended the preconstruction meeting. Documentation of the preconstruction meeting will be filed with the SWPPP documents.

5.3 (3): DESCRIPTION OF CONSTRUCTION ACTIVITIES

5.3 (3a): Project Limits (See Title Sheet)

5.3 (3a): Project Description (See Title Sheet)

5.3 (4): Site Map(s) (See Title Sheet and Plans)

Major Soil Disturbing Activities (check all that apply)

- ☐ Clearing and grubbing
- ☒ Excavation/ Borrow
- ☐ Filling
- ☒ Other (describe): Removal and replacement of existing Sanitary Sewer Lift Station & Force Main along with misc. items.

5.3 (3b): Total Project Area: ± 9.8 Acres

5.3 (3b) Total Area to be Disturbed: ±4.5 Acres

5.3 (3c) Maximum Area to be Disturbed at One Time: ± 1.0 Acres

5.3 (3d): Existing Vegetative Cover (%): 95%

5.3 (3d): Description of Vegetative Cover: Grass ditches

5.3 (3e): Soil Properties: AASHTO Soil Classification SC and CH

5.3 (3f): Name of Receiving Water Body/Bodies: Foote Creek

5.3 (3g): Location of Construction Support Activity Areas: See Project Layout Sheet

5.3 (4): ORDER OF CONSTRUCTION ACTIVITIES

The Contractor will enter the Estimated Start Date.

- Install perimeter protection where runoff may exit site.
- Install perimeter protection around stockpiles.
- Remove existing topsoil.
- Install Lift Station & Force Main
- Final grading and topsoil replacement.
- Removal of protection devices.
- Reseed all areas disturbed by removal activities.

5.3 (5): DESCRIPTION AND MAINTENANCE OF CONTROL MEASURES

All controls will be maintained in good working order. Necessary repairs will be initiated within 24 hours of the site inspection report. Include the technical reasoning for selecting each control. (check all that apply)

Perimeter Controls (See Detail Plan Sheets)

- ☐ Natural Buffers (within 50 ft of Waters of State)
- ☒ Silt Fence
- ☐ Erosion Control Wattles
- ☐ Temporary Berm / Windrow
- ☐ Stabilized Construction Entrances
- ☐ Entrance/Exit Equipment Tire Wash
- ☐ Other:

Structural Erosion and Sediment Controls

- ☒ Silt Fence

- ☐ Temporary Berm / Windrow
- ☐ Erosion Control Wattles
- ☐ Temporary Sediment Barriers
- ☐ Erosion Bales
- ☐ Temporary Slope Drain
- ☐ Turf Reinforcement Mat
- ☐ Riprap
- ☐ Gabions
- ☐ Rock Check Dams
- ☐ Sediment Traps/Basins
- ☐ Culvert Inlet Protection
- ☐ Transition Mats
- ☐ Median/ Area Drain Inlet Protection
- ☐ Curb Inlet Protection
- ☐ Interceptor Ditch
- ☐ Concrete Washout Facility
- ☐ Work Platform
- ☐ Temporary Water Barrier
- ☐ Temporary Water Crossing
- ☐ Permanent Stormwater Ponds
- ☐ Permanent Open Vegetated Swales
- ☐ Natural Depressions to allow for Infiltration
- ☐ Sequential Systems that combine several practices
- ☐ Other:

Dust Controls

- ☐ Tarps & Wind Impervious Fabrics
- ☒ Watering
- ☒ Stockpile location/ orientation
- ☐ Dust Control Chlorides
- ☐ Other:

Dewatering BMPs

- ☐ Sediment Basins
- ☐ Dewatering bags
- ☐ Weir Tanks
- ☐ Temporary Diversion Channel
- ☐ Other:

Stabilization Practices (See Detail Plan Sheets)

(Stabilization measures shall begin the following work day whenever earth disturbing activity on any portion of the site has temporarily or permanently ceased. Temporary stabilization shall be completed as soon as practicable but no later than 14 days after initiating soil stabilization activities (3.18))

- ☐ Vegetation Buffer Strips
- ☐ Temporary Seeding (Cover Crop Seeding)
- ☒ Permanent Seeding
- ☐ Sodding
- ☐ Planting (Woody Vegetation for Soil Stabilization)
- ☐ Mulching (Grass Hay or Straw)
- ☐ Fiber Mulching (Wood Fiber Mulch)

- ☐ Soil Stabilizer
- ☒ Bonded Fiber Matrix
- ☐ Fiber Reinforced Matrix
- ☐ Erosion Control Blankets
- ☐ Surface Roughening (e.g. tracking)
- ☐ Other:

Wetland Avoidance

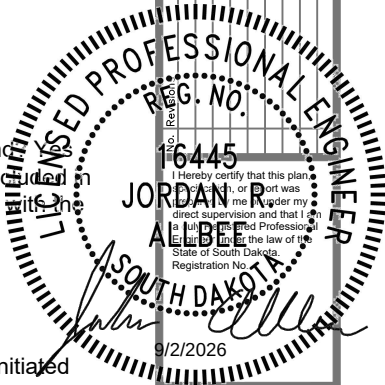
Will construction and/or erosion and sediment controls impinge on regulated wetlands? ☐ No ☒ Yes If yes, the structural and erosion and sediment controls have been included in the total project wetland impacts and have been included in the 404 permit process with the USACE.

5.3 (6): PROCEDURES FOR INSPECTIONS

- Inspections will be conducted at least once every 7 days.
- All controls will be maintained in good working order. Necessary repairs will be initiated within 24 hours of the site inspection report.
- Silt fence will be inspected for depth of sediment and for tears to ensure the fabric is securely attached to the posts and that the posts are well anchored. Sediment buildup will be removed from the silt fence when it reaches 1/3 of the height of the silt fence.
- Sediment basins and traps will be checked. Sediment will be removed when depth reaches approximately 50 percent of the structure's capacity, at the conclusion of the construction.
- Check dams will be inspected for stability. Sediment will be removed when depth reaches ½ the height of the dam.
- All seeded areas will be checked for bare spots, washouts, and vigorous growth free of significant weed infestations.
- Inspection and maintenance reports will be included on the weekly progress report for each site inspection, this report will also be used to document changes to SWPPP. A copy of the completed inspection form will be filed with the SWPPP documents.
- The Resident Project Engineer and the Contractor's Erosion Control Supervisor are responsible for ensuring the weekly inspections are completed. The Resident Project Representative (RPR) shall complete the weekly inspection and maintenance reports and provide a copy to the Project Engineer. All maintenance and repair activities are the responsibility of the Contractor.

5.3 (7): POST CONSTRUCTION STORMWATER MANAGEMENT

Stormwater management will be handled by temporary controls outlined in “DESCRIPTION AND MAINTENANCE OF CONTROL MEASURES” above, and any permanent controls needed to meet permanent stormwater management needs in the post construction period will be shown in the plans and noted as permanent.



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SWPPP NOTES

COUNTRY VILLAGE LIFT STATION
& FORCE MAIN IMPROVEMENTS
ABERDEEN, SOUTH DAKOTA

Drawn By:	TMO
Chk' By:	JRA
Proj. No:	A-10416
Dwg. No:	10416-01
VP. No:	SWPPPN(1)
Date:	8/26/26

5.3 (8): POLLUTION PREVENTION PROCEDURES

5.3 (8A): Spill Prevention and Response Procedures
Material Management

House Keeping

- Only needed products will be stored on-site by the Contractor.
- Except for bulk materials the contractor will store all materials under cover and/or in appropriate containers.
- Products must be stored in original containers and labeled.
- Material mixing will be conducted in accordance with the manufacturer's recommendations.
- When possible, all products will be completely used before properly disposing of the container off-site.
- The manufacturer's directions for disposal of materials and containers will be followed.
- The Contractor's site superintendent will inspect materials storage areas regularly to ensure proper use and disposal.
- Dust generated will be controlled in an environmentally safe manner.

Hazardous Materials

- Products will be kept in original containers unless the container is not resealable and provide secondary containment as applicable.
- Original labels and material safety data sheets will be retained in a safe place to relay important product information.
- In surplus product must be disposed of, manufacturer's label directions for disposal will be followed.
- Maintenance and repair of all equipment and vehicles involving oil changes, hydraulic system drain down, de-greasing operations, fuel tank drain down and removal, and other activities which may result in the accidental release of contaminants will be conducted on an impervious surface and under cover during wet weather to prevent the release of contaminants onto the ground.
- Wheel wash water will be collected and allowed to settle out suspended solids prior to discharge. Wheel wash water will not be discharged directly into any stormwater system or stormwater treatment system.
- Potential pH-modifying materials such as: bulk cement, cement kiln dust, fly ash, new concrete washings, concrete pumping, residuals from concrete saw cutting (either wet or dry), and mixer washout waters will be collected on site and managed to prevent contamination of stormwater runoff.

Spill Control Practices

In addition to the previous housekeeping and management practices, the following practices will be followed for spill prevention and cleanup if needed.

- For all hazardous materials stored on site, the manufacturer's recommended methods for spill cleanup will be clearly posted. Site personnel will be made aware of the procedures and the locations of the information and cleanup supplies.
- Appropriate cleanup materials and equipment will be maintained by the Contractor in the materials storage area on-site. As appropriate, equipment and materials may include items such as brooms, dust pans, mops, rags, gloves, goggles, kitty litter, sand, sawdust, and plastic and metal trash containers specifically for cleanup purposes.
- All spills will be cleaned immediately after discovery and the materials disposed of properly.
- The spill area will be kept well ventilated and personnel will wear appropriate protective clothing to prevent injury from contact with a hazardous substance.
- After a spill a report will be prepared describing the spill, what caused it, and the cleanup measured taken. The spill prevention plan will be adjusted to include measures to prevent this type of spill from reoccurrences.
- The Contractor's site superintendent, responsible for day-to-day operations, will be the spill prevention and cleanup coordinator.

Spill Response

The primary objective in responding to a spill is to quickly contain the material(s) and prevent or minimize migration into stormwater runoff and conveyance systems. If the release has impacted on-site stormwater, it is critical to contain the released materials on-site and prevent their release into receiving waters. If a spill of pollutants threatens stormwater or surface water at the site, the spill response procedures outlined below must be implemented in a timely manner to prevent the release of pollutants.

- The Contractor's site superintendent will be notified immediately when a spill or threat of a spill is observed. The superintendent will assess the situation and determine the appropriate response.
- If spills represent an imminent threat of escaping erosion and sediment controls and entering receiving waters, personnel will be directed to respond immediately to contain the release and notify the superintendent after the situation has been stabilized.
- Spill kits containing appropriate materials and equipment for spill response and cleanup will be maintained by the Contractor at the site.
- If oil sheen is observed on surface water (e.g. settling ponds, detention ponds, swales), action will be taken immediately to remove the material causing the sheen. The Contractor will use appropriate materials to contain and absorb the spill. The source of the oil sheen will also be identified and removed or repaired as necessary to prevent further releases.
- If a spill occurs the superintendent or the superintendent's designee will be responsible for completing the spill reporting form and for reporting the spill to SD DANR
- Personnel with primary responsibility for spill response and cleanup will receive training by the Contractor's site superintendent or designee. The training must include identifying the location of the spill kits and other spill response equipment and the use of spill response materials.
- Spill response equipment will be inspected and maintained as necessary to replace any materials used in spill response activities

5.3 (8b): WASTE MANGAGEMENT PROCEDURES

Waste Disposal

- All liquid waste materials will be collected and stored in approved sealed containers. All trash and construction debris from the site will be deposited in the approved containers. Containers will be serviced as necessary, and the trash will be hauled to an approved disposal site or licensed landfill. All onsite personnel will be instructed in the proper procedures for waste disposal and notices stating proper practices will be posted. The Contractor is responsible for ensuring waste disposal procedures are followed.

Hazardous Waste

- All hazardous waste materials will be disposed of in a manner specified by local or state regulations or by the manufacturer. Site personnel will be instructed in these practices, and the Contractor will be responsible for seeing that these practices are followed.

Sanitary Waste

- Portable sanitary facilities will be provided on all construction sites. Sanitary waste will be collected from the portable units which must be secured to prevent tipping and serviced in a timely manner by a licensed waste management Contractor or as required by any local regulations.

5.3 (9): CONSTRUCTION SITE POLLUTANTS

The following materials or substances are expected to present on the site during the construction period. These materials will be handled as noted under the heading "POLLUTION PREVENTION PROCEDURES" (check all that apply)

- X

X

X

X

X

Concrete and Portland Cement
Detergents
Paints
Metals
Bituminous Materials
Petroleum Based Products
Diesel Exhaust Fluid
Cleaning Solvents
Wood
Cure
Texture
Chemical Fertilizers
Other:

Product Specific Practices

Petroleum Products

All on-site vehicles will be monitored for leaks and receive regular preventive maintenance to reduce the chance of leakage. Petroleum products will be stored in tightly sealed containers which are clearly labeled.

Fertilizers

Fertilizers will be applied only in the amounts specified by the Engineer. Once applied, fertilizers will be worked into the soil to limit the exposure to stormwater. Fertilizers will be stored in an enclosed area. The contents of partially used fertilizer bags will be transferred to sealable containers to avoid spills.

Paints

All containers will be tightly sealed and stored when not required for use. The excess will be disposed of according to the manufacturer's instructions and any applicable state and local regulations.

Concrete Trucks

Contractors will provide designated truck washout facilities on the site. These areas must be self contained and not connected to any stormwater outlet of the site. Upon completion of construction, the area at the washout facility will be properly stabilized.

5.3 (10): NON-STORMWATER DISCHARGES

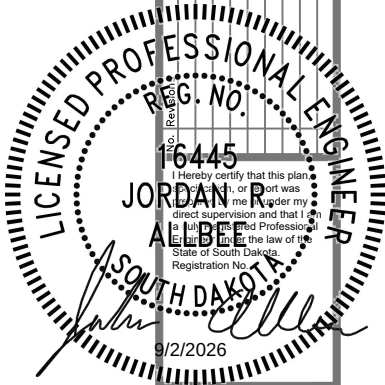
The following non-stormwater discharges are anticipated during the course of this project (check all that apply).

- X

Discharge from water line flushing
Pavement wash-water, where no spills or leaks of toxic or hazardous materials have occurred.
Uncontaminated ground water associated with dewatering activities.

5.3 (11): INFEASIBILITY DOCUMENTATION

If it is determined to be infeasible to comply with any of the requirements of the Stormwater Permit, the infeasibility determination must be thoroughly documented in the SWPPP.



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SWPPP NOTES

COUNTRY VILLAGE LIFT STATION
& FORCE MAIN IMPROVEMENTS
ABERDEEN, SOUTH DAKOTA

Drawn By:	TMO
Chk' By:	JRA
Proj. No:	A-10416
Dwg. No:	10416-01
VP. No:	SWPPPN(2)
Date:	8/26/26

5.3 (12): SPILL NOTIFICATION

In the event of a spill, the Contractor's site superintendent will make the appropriate notification(s), consistent with the following procedures:

A release or spill of regulated substance (includes petroleum and petroleum products) must be reported to SD DANR immediately **if any one of the following** conditions exists:

- The release or spill threatens or is able to threaten waters of the state (surface water or ground water)
- The release or spill causes an immediate danger to human health or safety
- The release or spill exceeds 25 gallons
- The release or spill causes a sheen on surface water
- The release or spill of any substance that exceeds the ground water quality standards of ARSD Chapter 74:54:01
- The release or spill of any substance that exceeds the surface water quality standards of ARSD Chapter 74:54:01
- The release or spill of any substance that harms or threatens to harm wildlife or aquatic life.
- The release or spill is required to be reported according to Superfund Amendments and Reauthorization Act (SARA) Title III List of Lists, Consolidated List of Chemicals Subject to Reporting under the Emergency Planning and Community Right to Know Act, US Environmental Protection Agency.

To report a release or spill, call SD DANR at 605-773-3296 during regular office hours (8 a.m. to 5 p.m. Central Standard Time). To report the release after hours, on weekends or holidays, call South Dakota Emergency Management at 605-773-3231. Reporting the release to SD DANR does not meet any obligation for reporting to other state, local, or federal agencies. Therefore, you must also contact local authorities to determine the local reporting requirements for release. A written report of the unauthorized release of any regulated substance, including quantity discharged, and the location of the discharge shall be sent to the SD DANR within 14 days of the discharge.

5.4: SWPPP CERTIFICATIONS

Certification of Compliance with Federal, State, and Local Regulations

The Storm Water Pollution Prevention Plan (SWPPP) for this project reflects the requirements of all local municipal jurisdictions for storm water management and sediment and erosion control as established by ordinance, as well as other state and federal requirements for the sediment and erosion control plans, permits, notices or documentation as appropriate.

Country Village Sanitary District

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assume that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment knowing violations.

Authorized Signature (See the General Permit, Section 7.4 (1))

Prime Contractor

This section is to be executed by the General Contractor after the award of the contract. This section may be executed any time there is a change in the Prime Contractor of the project.

I certify under penalty of law that this document and all attachments will be revised or maintained under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Authorized Signature

CONTACT INFORMATION

The following personnel are duly authorized representatives and have signatory authority for modifications made to the SWPPP:

Contractor Information:

Prime Contractor Name:

Contractor Contact Name:

Address:

City: State: Zip:

Office Phone: Field:

Cell Phone: Fax:

Erosion Control Supervisor

Name:

Address:

City: State: Zip:

Office Phone: Field:

Cell Phone: Fax:

Project Engineer

Name: Jordan Allbee

Business Address: 416 Production St. N

Job Office Location: Aberdeen, SD

City: Aberdeen State: SD Zip: 57402

Office Phone: (605) 225-1212 Field:

Cell Phone: (605) 252-0433 Fax: (605) 225-3189

SD DANR Contact Spill Report

- Business Hours Monday-Friday (605) 773-3296
- Nights and Weekends (605) 773-3231

SD DANR Contact for Hazardous Materials

- (605) 773-3153

National Response Center Hotline

- (800) 424-8802

SD DANR Stormwater Contact Information

- SD DANR Stormwater (800) 737-8676
- Surface Water Quality Program (605) 773-3351

5.1: REQUIRED SWPPP MODIFICATIONS

5.5 (1): Conditions Requiring SWPPP Modification

- The SWPPP must be modified, including the site map(s), in response to any of the following conditions:
- When a new operator responsible for implementation of any part of the SWPPP begins to work on the site.
 - When Changes to construction plans, sediment and erosion control measures, or any best management practices on site that are no longer accurately reflected in the SWPPP. This included changes made in response to corrective actions triggered by inspections.
 - To reflect areas on the site map where operations control has been transferred (including the date of the transfer) or has been covered under a new permit since initiating coverage under this general permit.
 - If inspections by site staff, local officials, SD DANR, or U.S. EPA determine that SWPPP modifications are necessary for compliance with Stormwater Permit.
 - To reflect any revisions to applicable federal, state, or local requirements that affect the control measures implemented at the site.
 - If approved by the Secretary, to reflect any changes in chemical water treatment systems or controls, including the use of a different water treatment chemical, age rates, different areas, or methods of applications.

5.5 (2): Deadlines for SWPPP Modification

Any required revisions to the SWPPP must be completed within 7 calendar days following any of the items listed above.

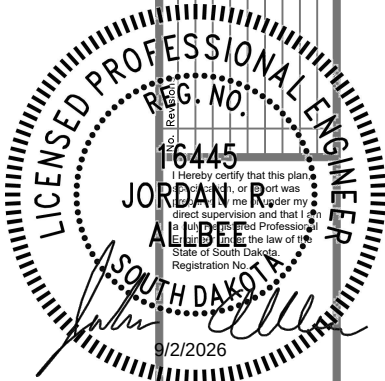
5.5 (3): Documentation of Modifications to the Plan

All SWPPP modification records are required to be maintained showing the dates of when the modification occurred. The records must include the name of the person authorizing each change and a brief summary of all changes.

5.5 (5): Required Notice to Other Operators

If there are multiple operators at the site, the Contractor's Erosion Control Supervisor must notify each operator that may be impacted by the change to the SWPPP within 24 hours.

When modifications as described above occur, the SWPPP will be modified to provide appropriate protection to disturbed areas, all storm water structures, and adjacent waters. The Project Engineer will modify the SWPPP and drawings on the plans will be modified to reflect the needed changes. Copies of the SWPPP modifications will be given to the Contractor Erosion Control Supervisor and a copy will be emailed Owner.



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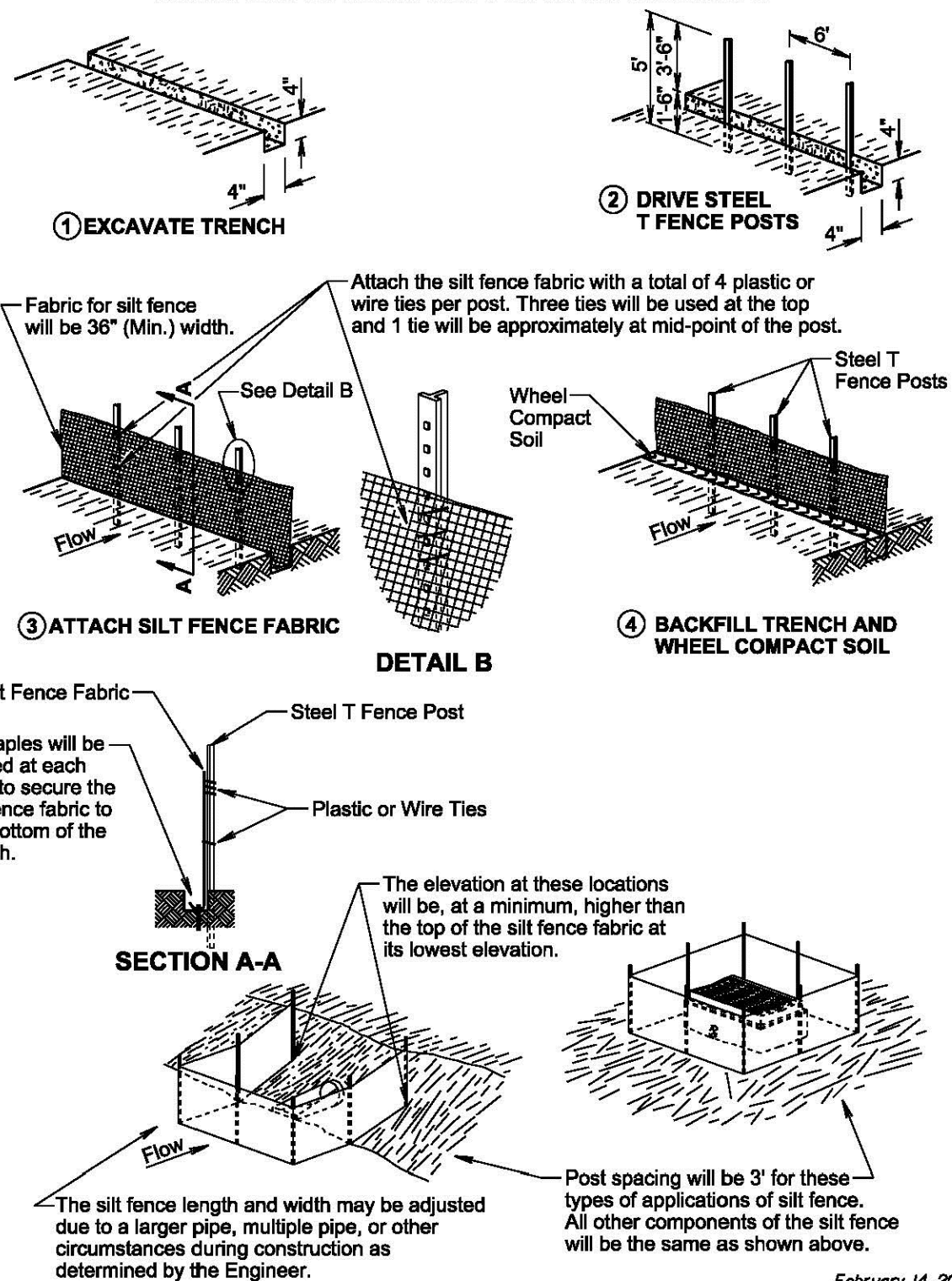


SWPPP NOTES

COUNTRY VILLAGE LIFT STATION
& FORCE MAIN IMPROVEMENTS
ABERDEEN, SOUTH DAKOTA

Drawn By:	TMO
Chk' By:	JRA
Proj. No:	A-10416
Dwg. No:	10416-01
VP. No:	SWPPPN(3)
Date:	8/26/26

MANUAL HIGH FLOW SILT FENCE INSTALLATION



February 14, 2020

Published Date: 2027

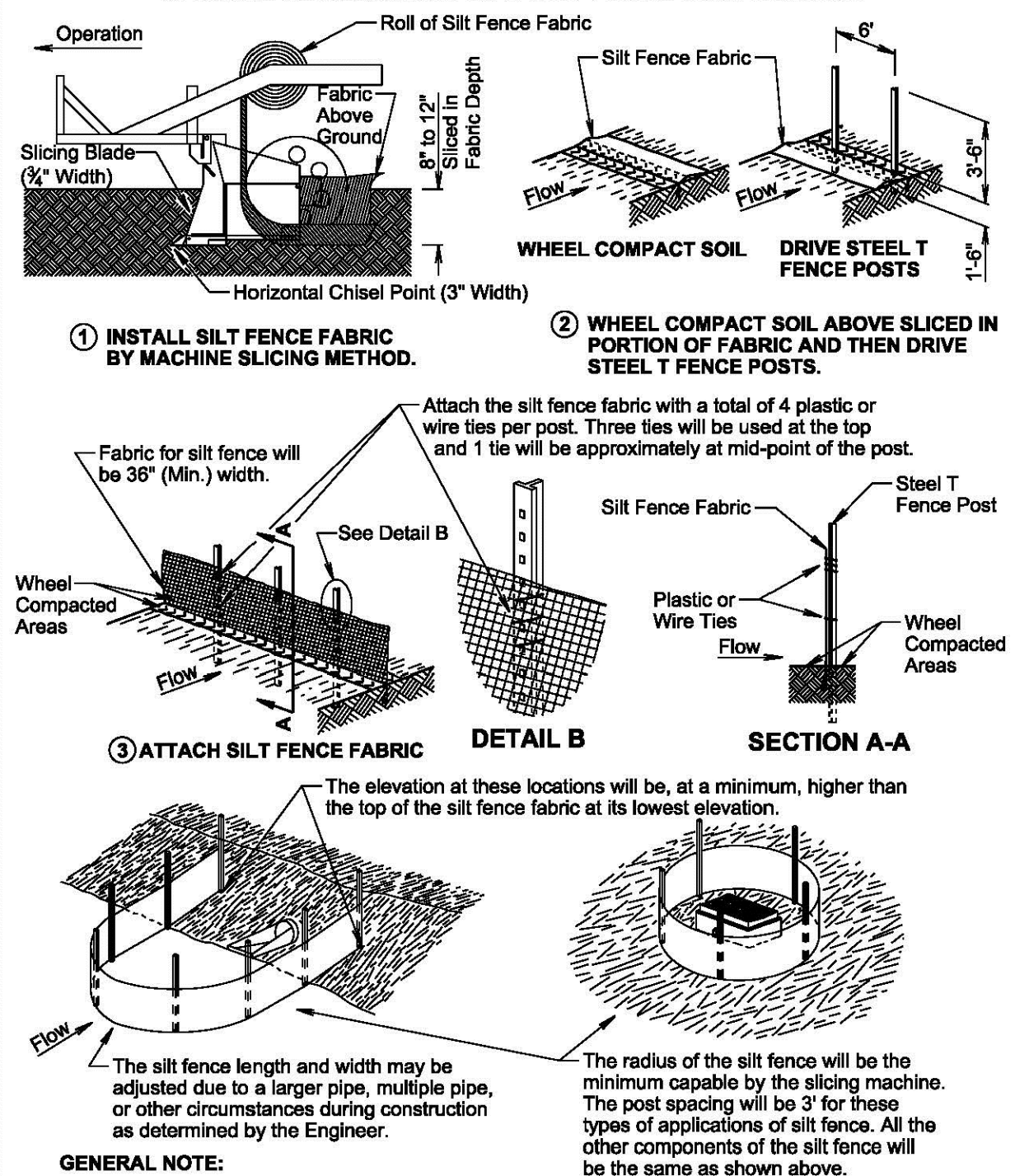
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HIGH FLOW SILT FENCE

PLATE NUMBER
734.05

Sheet 1 of 2

MACHINE SLICED HIGH FLOW SILT FENCE INSTALLATION



GENERAL NOTE:

If a trench can not be dug or the silt fence fabric can not be sliced in due to the type of earthen material (such as rock), then a row of 30 to 40 pound sandbags butted end to end will be provided on top of the extra length of silt fence fabric to prevent underflow.

February 14, 2020

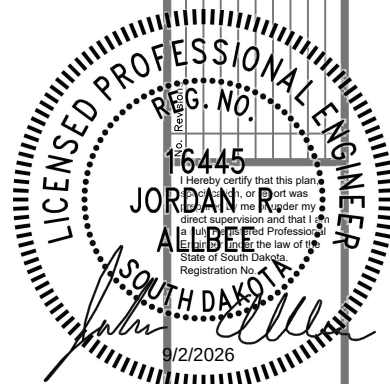
Published Date: 2027

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HIGH FLOW SILT FENCE

PLATE NUMBER
734.05

Sheet 2 of 2



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SPN Helms
CIVIL ENGINEERS & LAND SURVEYORS

SWPPP DETAILS

COUNTRY VILLAGE LIFT STATION
& FORCE MAIN IMPROVEMENTS
ABERDEEN, SOUTH DAKOTA

Drawn By: TMO
Chk' By: JRA
Proj. No: A-10416
Dwg. No: 10416-01
VP. No: SWPPN(4)
Date: 8/26/26

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