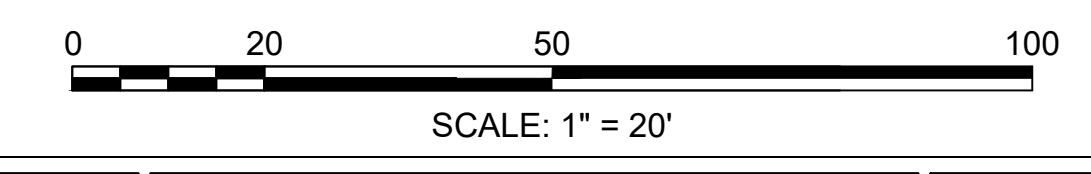


- NOTES**
- REFER TO DRAWING C-001 FOR CIVIL LEGEND, ABBREVIATIONS, AND GENERAL NOTES.
 - REFER TO ARCHITECTURAL, STRUCTURAL, MECHANICAL, FIRE PROTECTION, AND ELECTRICAL DRAWINGS FOR MORE INFORMATION.
 - REFER TO CIVIL UTILITY PROFILE SHEETS, C-301 AND C-302.
 - LOCATION OBTAINED FROM VA, V.I.F. 4-INCH HIGH PRESSURE NATURAL GAS, V.I.F.
 - REFER TO SPECIFICATIONS FOR PERFORMANCE REQUIREMENTS.
 - REFER TO PLUMBING PLANS PL101 AND PL201 FOR WATER LINE CONFIGURATION IN TUNNEL
 - WATER LINE TO BE CONNECTED TO EXISTING WATER TOWER LINE. REFER TO SHEET CU102 FOR CONTINUATION AND CU103 FOR PHASING.
 - UTILITIES SHOWN IN THIS LOCATION WERE BEYOND THE LIMIT OF WORK FOR TOPOGRAPHIC SURVEY ACTIVITIES. CONTRACTOR IS REQUIRED TO VERIFY ALL LOCATIONS IN FIELD.
 - CONTRACTOR REQUIRED TO VERIFY IN FIELD UTILITY MANHOLE.
 - REFER TO CS101 FOR PHASING.
 - UTILITY LOCATIONS WITHIN THIS LOCATION WERE BEYOND THE SCOPE OF SURVEY. CONTRACTOR TO VERIFY ALL UTILITIES IN FIELD.

- KEY NOTES**
- FURNISH AND INSTALL 6-INCH PVC SEWER SERVICE (DETAIL E9, CK501).
 - FURNISH AND INSTALL GATE VALVE AND 8-INCH PVC WATER MAIN (DETAIL F1, CK501 AND DETAIL D5, CK502).
 - FURNISH AND INSTALL HDPE DRAIN PIPE (DETAIL C9, CK502).
 - FURNISH AND INSTALL ELECTRICAL DUCT BANK (SEE NOTE 2 AND DETAIL B5, CK501).
 - FURNISH AND INSTALL 73,929 GALLONS OF WATER STORAGE. TANKS: (2) 40,000 GALLON 54'-4" X 12' UNDERGROUND FRP WATER STORAGE TANKS (DETAIL B1, CK502).
 - FURNISH AND INSTALL 68,031 GALLONS OF FUEL OIL STORAGE. TANKS: (2) 54'-4" X 12' UNDERGROUND FRP DOUBLE WALLED FUEL OIL STORAGE TANKS (DETAIL F1, CK502).
 - FURNISH AND INSTALL COMMUNICATIONS CABLING. SEE NOTE 2.
 - FURNISH AND INSTALL FUEL PIPING AND REMOTE FILL WITH AUDIBLE ALARM. SEE NOTE 2 AND DETAIL F7, CK501.
 - FURNISH AND INSTALL STEAM MANHOLE (DETAIL F1, CK503).
 - FURNISH AND INSTALL DRAIN MANHOLE WITH LOCKABLE COVER (DETAILS F7, CK502 AND C5, CK503).
 - FURNISH AND INSTALL CATCH BASIN (DETAIL F5, CK502).
 - FURNISH AND INSTALL DUPLEX SUBMERSIBLE PUMPS AND CONTROLS. REFER TO SHEETS PL101, PL600, AND SPECIFICATION 33 16 00.
 - FURNISH AND INSTALL 4-INCH FIRE PROTECTION LINE FOR BACKUP WATER PROVIDED BY WATER TOWER. SEE NOTE 2.
 - FURNISH AND INSTALL CONCRETE COMMUNICATIONS MANHOLE. REFER TO ELECTRICAL DETAILS.
 - FURNISH AND INSTALL WALL INDICATOR VALVE (DETAIL B7, CK503).

1 CIVIL UTILITY PLAN
Scale: 1" = 20'



ADDENDUM 3	01-17-2025
ADDENDUM 2	09-12-2024
ADDENDUM 1	08-09-2024
Revisions:	Date:

CONSULTANT

Mabbett®
Scientists | Engineers | Program Managers
Mabbett & Associates, Inc.
105 Central Street Stoneham, MA 02186-1248
T: 781-276-6050
www.mabbett.com

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CIVIL
No. 48371

Office of
Construction and
Facilities
Management

VA U.S. Department of
Veterans
Affairs

Drawing Title
CIVIL UTILITY PLAN

Approved: Project Director

Phase
100% CONSTRUCTION DOCUMENT SUBMISSION

FULLY SPRINKLERED

Project Title
SIOUX FALLS BOILER PLANT

Location
VAMC-Sioux Falls: 2501 W 22nd St, Sioux Falls, SD 57105

Issue Date
08-09-2024

Checked
RBB

Drawn
EG

Project Number
438-22-900

Building Number
12

Drawing Number
CU101
10 OF 17