

# VAMC BOILER PLANT REPLACEMENT SHERIDAN, WYOMING

REQUIRED SIGNATURES			
TITLE	FULL NAME (IF APPLICABLE)	SIGNATURE	DATE
SHERIDAN VAMC DIRECTOR			
CHIEF OF FACILITIES			
SAFETY			
UTILITY SYSTEMS			
OPERATOR			
POLICE			
VISN 19 ENGINEER			
GEMS COORDINATOR			
UNION SAFETY REPRESENTATIVE			

ABBREVIATIONS	
A/C	AIR CONDITIONING
ADH	ADHESIVE
ADJ	ADJACENT
ADJUST	ADJUSTABLE
AFB	ABOVE FINISHED FLOOR
AL	ALUMINUM
ARCH	ARCHITECT (URAL)
ASPH	ASPHALT
AUTO	AUTOMATIC
BD	BOARD
BLDG	BUILDING
BLK(G)	BLOCK (ING)
BOT	BOTTOM
CD	COILING DOOR
CKT	CRICKET
CLG	CEILING
CLR	CLEAR (ANCE)
CMU	CONCRETE MASONRY UNIT
CNTR	CENTER
COL	COLUMN
CONC	CONCRETE
CONT	CONTINUOUS/CONTINUE
CORR	CORRUGATED
CPT	CARPET (ED)
CT	CERAMIC TILE
DBL	DOUBLE
DEM	DEMOLISH/DEMOLITION
DIAM	DIAMETER
DIM	DIMENSION
DN	DOWN
DS	DOWN SPOUT
DTL	DETAIL
DWG	DRAWING
(E)	EXISTING
EA	EACH
EL	ELEVATION
ELEC	ELECTRIC (AL)
EOP	EQUIPMENT
EXH	EXHAUST
EXIST	EXISTING
EXT	EXTERIOR
FT	FOOT/FEET
GALV	GALVANIZED
HC	HANDICAPPED
HM	HOLLOW METAL
HR	HOUR
HT	HEIGHT
ID	INSIDE DIAMETER
IN	INCH (ES)
INT	INTERIOR
LAB	LABORATORY
MAINT	MAINTAIN (ANCE)
MAX	MAXIMUM
MECH	MECHANIC (AL)
MTL	METAL
MFR	MANUFACTURE (ER)
MH	MANHOLE
MIN	MINIMUM
MISC	MISCELLANEOUS
MO	MASONRY OPENING
(N)	NEW
NO	NUMBER
NOM	NOMINAL
NTS	NOT TO SCALE
OC	ON CENTER (S)
OD	OUTSIDE DIAMETER
OH	OVERHEAD
OPC	OPENING
OPH	OPPOSITE HAND
OPP	OPPOSITE
ORD	OVERFLOW ROOF DRAIN
OZ	OUNCE
P	PAINT (ED)
PT	PORCELAIN TILE
QTY	QUANTITY
RCP	REFLECTED CEILING PLAN
RD	ROOF DRAIN
REINF	REINFORCING
REQ	REQUIRED
RM	ROOM
ROW	RIGHT OF WAY
SC	SEALED CONCRETE
SEC	SECTION
SHT	SHEET
SIM	SIMILAR
STD	STANDARD
STL	STEEL
TO	TOP OF
TYP	TYPICAL
VAR	VARIABLE/VARIES
VCT	VINYL COMPOSITION TILE
VF	VERIFY IN FIELD
W	WIDTH
W/	WITH
W/O	WITHOUT
WD	WOOD

**PROJECT GENERAL NOTES**

1. PROJECT PERFORMANCE AND THE USE OF THESE CONSTRUCTION DOCUMENTS THE ARCHITECT AND HIS CONSULTANTS HAVE PREPARED THESE DOCUMENTS WITH REASONABLE PROFESSIONAL CARE AND SKILL. THE DOCUMENTS DESCRIBE A SCOPE OF WORK AND ARE NOT INTENDED TO BE A COMPLETE SET OF INSTRUCTIONS ON HOW TO CONSTRUCT OR REMODEL A BUILDING. EVERY CONDITION OR METHOD OF CONSTRUCTION CANNOT BE ANTICIPATED. ANY DISCREPANCY OR CONFLICT IDENTIFIED BY THE CONTRACTOR OR ANY OF HIS OR HER SUBCONTRACTORS WHILE USING THESE DOCUMENTS SHALL BE REPORTED IMMEDIATELY (WITHIN 24 HOURS) TO THE ARCHITECT. PARTICIPATION IN THIS PROJECT SHALL REQUIRE FULL COMMUNICATION BETWEEN ALL PARTIES. NON-COMMUNICATION LEADS TO UNRESOLVED CONFLICTS AND NEEDLESS ADDITIONAL CONSTRUCTION COSTS. A FAILURE TO COMMUNICATE WITHIN 24 HOURS, BY PHONE OR EMAIL, TO THE ARCHITECT SHALL RELIEVE THE ARCHITECT FROM RESPONSIBILITY FOR ALL CONSEQUENCES. FAILURE TO OBTAIN WRITTEN AUTHORIZATION, FROM THE ARCHITECT, FOR REVISIONS TO THESE DOCUMENTS SHALL RELIEVE THE ARCHITECT OF RESPONSIBILITY FOR ALL CONSEQUENCES ARISING OUT OF SUCH CHANGES.

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**PROJECT DATA**

**APPLICABLE CODES:** 2006 INTERNATIONAL BUILDING CODE  
2006 INTERNATIONAL EXISTING BUILDING CODE  
2006 INTERNATIONAL PLUMBING CODE  
2006 INTERNATIONAL MECHANICAL CODE  
2006 INTERNATIONAL FIRE CODE  
2008 NATIONAL ELECTRICAL CODE  
ADA and ABA Accessibility Guidelines for Buildings and Facilities  
www.access-board.gov/ada-aba/final.cfm  
ADA Accessibility Guidelines for Buildings and Facilities (ADAAG)  
www.access-board.gov/adaag/html/adaag.htm#4.1

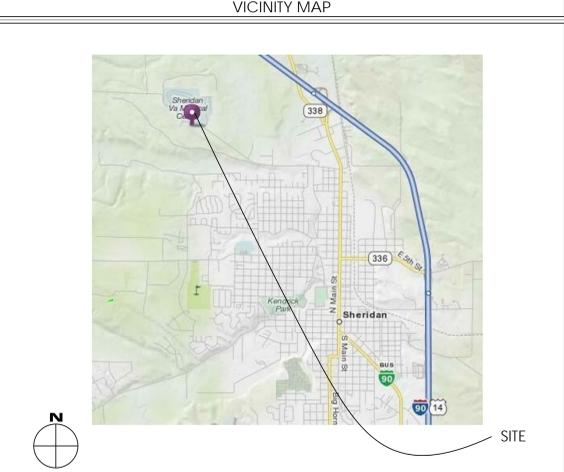
**BUILDING DATA:** OCCUPANCY CLASSIFICATION: F-1  
CONSTRUCTION: N/A (NO CHANGES TO THE STRUCTURE OR LAYOUT)  
NUMBER OF STORIES: N/A (NO CHANGES TO THE STRUCTURE OR LAYOUT)  
BUILDING AREA: - SF  
SPRINKLER SYSTEMS: NO (BUT NEW SPRINKLERS PROPOSED)

**OCCUPANCY USE:** MANUFACTURING OF STEAM (F-1)

**OCCUPANCY LOAD:** PROPOSED: NO CHANGES TO THE EXISTING BUILDING  
TOTAL OCCUPANTS: NO CHANGES TO THE EXISTING BUILDING

**EXITING:** NO CHANGES

DRAWING INDEX	
<b>G SHEET SET</b>	
<b>SHEET NUMBER</b>	<b>SHEET NAME</b>
GI-001	COVER SHEET
GI-101	CODE ANALYSIS
<b>CIVIL SHEET SET</b>	
C-100	SITE UTILITY PLAN
<b>ARCHITECTURAL SHEET SET</b>	
ASX-191	DEMO PLAN
ASX-193	CATWALK DEMO PLAN
ASX-411	DEMO DETAILS
AS-101	SITE PLAN
AS-121	BOILER ROOM PLAN
AS-122	PUMP ROOM AND MEZZANINE PLAN
AS-131	ROOF PLAN
AS-181	CATWALK PLAN
AS-182	CATWALK PLAN CLEAN
AS-183	CATWALK DEDUCT ALTERNATE
AS-211	NEW ELEVATIONS
AS-310	BUILDING SECTIONS
AS-481	CATWALK STAIRS
AS-482	CATWALK SECTIONS
AS-491	DESIGN DETAILS
AS-492	DESIGN DETAILS
AS-493	DESIGN DETAILS
AS-494	DESIGN DETAILS
AS-601	SCHEDULES
AS-611	LIGHTNING DIAGRAMS
AS-921	3D REPRESENTATIONS
MH101	MECHANICAL SITE PLAN
MH102	TEMPORARY BOILER PLAN
MH103	44.0 PUMP ROOM MECHANICAL PLAN
MH104	52.0 MAIN LEVEL BOILER ROOM MECHANICAL PLAN
MH105	63.5 MEZZANINE LEVEL MECHANICAL PLAN
MH106	FUEL STORAGE ENLARGED PLAN
MI101	MECHANICAL SECTIONS
MI102	MECHANICAL SECTIONS
MI103	MECHANICAL SECTIONS
MI104	BOILER PLANT PIPING ISOMETRIC - NORTH
MI105	BOILER PLANT PIPING ISOMETRICS - SOUTH
MI106	BOILER STEAM FLOW DIAGRAM
MI107	BOILER FEEDWATER FLOW DIAGRAM
MI108	COMPRESSED AIR SCHEMATIC
MI109	AUGER AND BUCKET ELEVATOR SCHEMATIC
MI110	MECHANICAL DETAILS
MI111	MECHANICAL DETAILS
MI112	MECHANICAL DETAILS
MI113	MECHANICAL DETAILS
MI114	MECHANICAL DETAILS
MI201	MECHANICAL SCHEDULES
MI202	MECHANICAL SCHEDULES
MI301	MECHANICAL CONTROLS
MI302	MECHANICAL CONTROLS
<b>PLUMBING SHEET SET</b>	
P001	ABBREVIATIONS AND SYMBOLS
PD101	PLUMBING DEMO SANITARY WASTE
PL101	PLUMBING PLAN
PL102	PLUMBING PLAN
PL201	PLUMBING DETAILS
<b>FIRE PROTECTION SHEET SET</b>	
FX101	FIRE PROTECTION
FX102	FIRE PROTECTION
<b>ELECTRICAL SHEET SET</b>	
E001	COVER SHEET
E002	ABBREVIATIONS
ES101	SITE PLAN
ES102	SITE PLAN
ED101	ELECTRICAL DEMO ONE-LINE
ED102	ELECTRICAL DEMO MOTOR & ELECT EQUIPMENT
ED103	ELECTRICAL DEMO LIGHTING AND GENERAL POWER
ED104	ELECTRICAL DEMO LIGHTING AND GENERAL POWER
EL101	LIGHTING PLAN
EL102	LIGHTING PLAN
EP101	POWER PLAN
EP102	POWER PLAN
EY101	SYSTEMS PLAN
EY102	SYSTEMS PLAN
EI101	DETAILS
EI201	SCHEDULES
EI202	SCHEDULES
EI301	ONE-LINE DIAGRAM
<b>STRUCTURAL SHEET SET</b>	
SI-001	GENERAL NOTES & PERSPECTIVES
SB-100	FOUNDATION PLAN
SF-101	EQUIPMENT SUPPORT FRAMING PLANS
SF-102	CATWALK FRAMING PLAN
SF-103	CATWALK SUPPORT FRAMING PLAN
SF-200	BRACED FRAME ELEVATION AND DETAILS
SF-500	FOUNDATION DETAILS
SF-501	FOUNDATION DETAILS
SF-503	FOUNDATION DETAILS
SF-504	FRAMING DETAILS
SF-505	FRAMING DETAILS
<b>MECHANICAL SHEET SET</b>	
<b>SHEET NUMBER</b>	<b>SHEET NAME</b>
M000	MECHANICAL COVER SHEET
M001	MECHANICAL ABBREVIATIONS & SYMBOLS
MD101	BOILER ROOM DEMOLITION PLAN
MD102	LOWER LEVEL PIPING DEMOLITION PLAN
MD103	BOILER ROOM AND MEZZANINE DEMOLITION PLAN
MD104	COAL SILO PLAN AND ELEVATIONS
MD105	BOILER ROOM DEMOLITION SECTIONS AND ELEVATIONS
MD106	DEMOLITION SECTIONS AND ELEVATIONS
MD107	BOILER ROOM AND ASH CONVEYOR PIPING DEMOLITION
MD108	DEMOLITION FLOW DIAGRAMS



**GRAPHIC SYMBOLS**

(Solid line)	NEW CONSTRUCTION	(Circle with 101)	OFFICE
(Dashed line)	EXISTING CONSTRUCTION	(Circle with 102)	RESTROOM
(Circle with crosshair)	NORTH ARROW	(Circle with 1)	SECTION REFERENCE
(Circle with 1)	LEVEL LINE AND CONTROL POINT DESIGNATION	(Circle with 3)	SECTION REFERENCE
(Circle with 1)	KEY NOTE	(Circle with 3.1)	SECTION REFERENCE
(Circle with +63.5)	SPOT ELEVATION	(Circle with 4)	SECTION REFERENCE
(Dashed line)	CENTER, FLOOR, AND LEVEL LINES	(Circle with 4.1)	SECTION REFERENCE
(Dashed line)	PROPERTY, BOUNDARY AND MATCH LINES	(Circle with 4.2)	SECTION REFERENCE
(Dashed line)	LINE ABOVE OR HIDDEN LINE	(Circle with 4.3)	SECTION REFERENCE
(Wavy line)	BREAK LINE	(Circle with 4.3.1)	SECTION REFERENCE
(Dashed line)	COLUMN REFERENCE GRID	(Circle with 3)	SECTION REFERENCE

**ROOM/AREA DESIGNATION**

**DOOR DESIGNATION**

**BUILDING SECTION REFERENCE**

**EXTERIOR ELEVATION REFERENCE**

**INTERIOR ROOM ELEVATION REFERENCE**

**DETAIL REFERENCE**

**WINDOW/GLAZED OPENING DESIGNATION**

**LEGEND**

(Hatched pattern)	ASPHALT PAVING	(A)	ARCHITECTURAL
(Cross-hatched pattern)	CONCRETE MASONRY UNIT	(E)	ELECTRICAL
(Dotted pattern)	CONCRETE	(FP)	MECHANICAL/FIRE PROTECTION
(Diagonal lines)	WOOD, ROUGH	(M)	MECHANICAL/HVAC
(Diagonal lines)	BRICK	(O)	GENERAL INFORMATION
(Diagonal lines)	PLYWOOD	(P)	MECHANICAL/PLUMBING
(Diagonal lines)	INSULATION (RIGID)		
(Diagonal lines)	PLASTER, SAND, GROUT MORTAR, GPDW CEILING		
(Diagonal lines)	METAL STUD PARTITION		
(Diagonal lines)	GLASS (SMALL SCALE)		

**DISCIPLINE INDEX**

**CONTEXT INDEX**

**NOTE:** SYMBOLS & ABBREVIATIONS SHOWN ON THIS SHEET APPLY TO ARCHITECTURAL DRAWINGS. SEE KEYS OF OTHER DISCIPLINES ON OTHER SHEETS.

Revisions:	Date

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GA Project Number 10-435

Drawing Title

Approved: Project Director  
JASON BROWN

**CONSTRUCTION DOCUMENTATION SUBMISSION - BIDDING AND CONSTRUCTION**

**COVER SHEET**

Project Title  
- BOILER PLANT REPLACEMENT -

Project Number  
- 666-11-101

Building Number  
- 90

Location  
- SHERIDAN, WY

Drawing Number  
GI-001

Date  
12/15/2011

Checked  
JG

Drawn  
WS

Dwg. of --

Office of Construction and Facilities Management  
Department of Veterans Affairs

