

Revision

Date

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IMPORTANT CONTRACTORS NOTE

1. ALL CONTRACTORS ARE RESPONSIBLE FOR REVIEWING THE SET OF DOCUMENTS TO DETERMINE THEIR FULL SCOPE OF WORK. CONTRACTORS SHALL NOT BE ALLOWED EXTRA COSTS DUE TO FAILURE TO REVIEW THE SET OF DOCUMENTS. THE PRINTED DOCUMENTS ARE DONE SO AT THE CONTRACTORS RISK.

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Drawing Title

MECHANICAL – FIRST FLOOR PLAN

Approved Project Director

KENNETH SELLS

Contract Documents (CD-1) SUBMITTAL 100%
APRIL 19, 2012

Date

APRIL 19, 2012

Location

VAMC Grand Island, Nebraska

Checked

G.T.K.

Drawn

C.M.K.

Dwg. 5 of 12

7MP101

Project Title

RENOVATE STEAM SYSTEM
PHASE 1

Building Number

7

Project Number

636-12-110

Office of Construction and Facilities Management
Department of Veterans Affairs

1

INSTALL FACTORY-FABRICATED 16-INCH x 1.0, PRE-ENGINEERED STACK AT ROOF LINE. PROVIDE GUY WIRES WHERE REQUIRED PER STACK MANUFACTURERS REQUIREMENTS.

2

ACCESS PLATFORM AND LADDER, REFER TO ARCHITECTURAL DRAWINGS.

3

CONNECT AND INSTALL NEW 4-INCH HPS PIPING TO EXISTING 4-INCH HPS NATURAL GAS PIPING. REFER TO FLOW DIAGRAM ON SHEET 7M603.

4

CONNECT AND INSTALL NEW 3-INCH GAS PIPING TO EXISTING 3-INCH GAS PIPING. INSTALL SALVAGED GAS FILTER IN GAS TAKEN.

5

PROVIDE AND INSTALL NEW SAFETY RELIEF VALVE PIPING, REUSE EXISTING TYPICAL OF 2.

6

PROVIDE AND INSTALL NEW SAFETY RELIEF VALVE PIPING, REUSE EXISTING TYPICAL OF 2.

7

PROVIDE AND INSTALL NEW SAFETY RELIEF VALVE PIPING, REUSE EXISTING TYPICAL OF 2.

8

CONNECT AND INSTALL NEW 2-INCH OIL RETURN, SUPPLY AND COMPRESSED GAS PIPING TO EXISTING GAS PIPING. PROVIDE ISOLATION VALVES AT CONNECTION POINTS.

9

CONNECT AND INSTALL NEW BFW TO EXISTING BFW AND CONNECT TO NEW BOILER B-1. TYPICAL OF 2 BFW CONNECTIONS.

10

CONNECT AND INSTALL NEW BOILER BLOWDOWN PIPING (BBD) TO EXISTING ISOLATION BY CAPPING LINES TO ALLOW PLANT TO REMAIN IN OPERATION.

11

CONNECT AND INSTALL NEW BOILER WATER SAMPLE PIPING (BWS) TO EXISTING BWS PIPING AND CONNECT TO NEW BOILER B-1.

12

CONNECT AND INSTALL NEW CHEMICAL FEED PIPING (CF) TO EXISTING OF PIPING AND CONNECT TO NEW BOILER B-1.

13

PROVIDE NEW HEADER ISOLATION VALVE TO REPLACE EXISTING.

MECHANICAL – FIRST FLOOR PLAN

SCALE: 1/4" = 1' 0"

12' 0" 5'

TOILET ROOM

LOUNGE

OFFICE

DECELANOR ROOM

AREA WELL

GRASS

SIDE WALK

PARKING LOT

SIDEWALK

GRASS

GRAVEL

TOILET ROOM

LOUNGE

OFFICE

DECELANOR ROOM

AREA WELL

GRASS

SIDE WALK

PARKING LOT

SIDEWALK

GRASS

GRAVEL