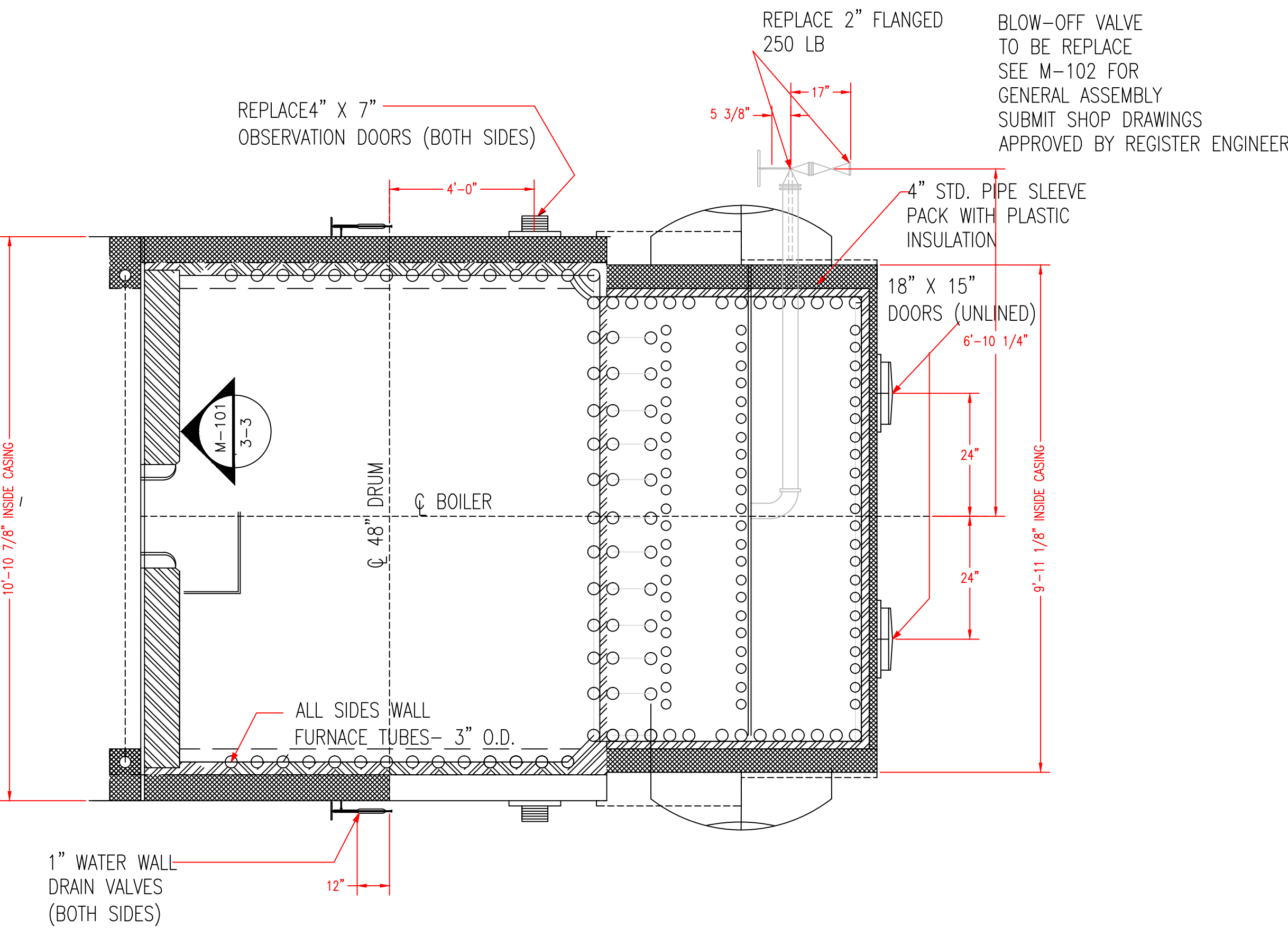
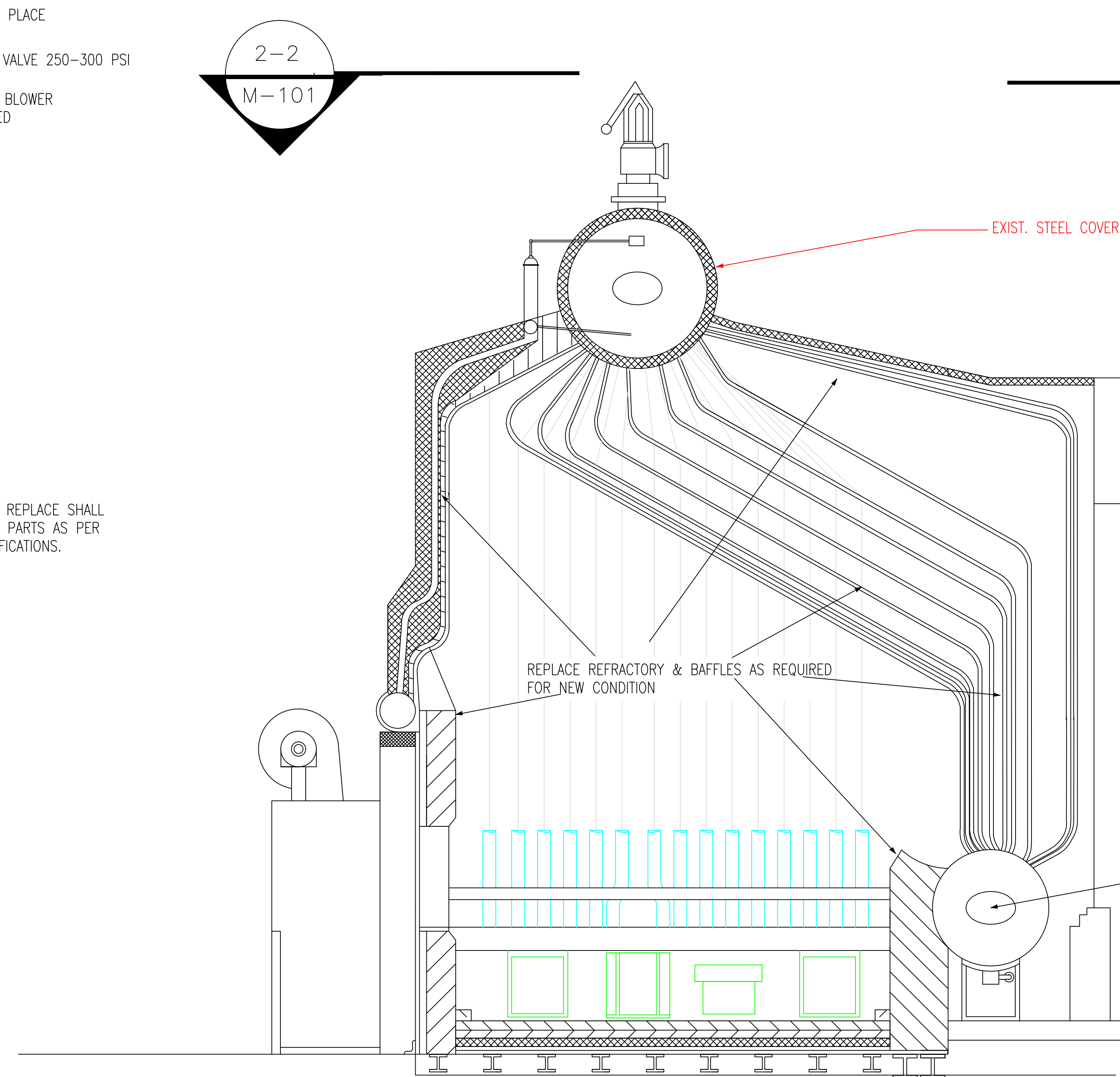


SECTION 1-1

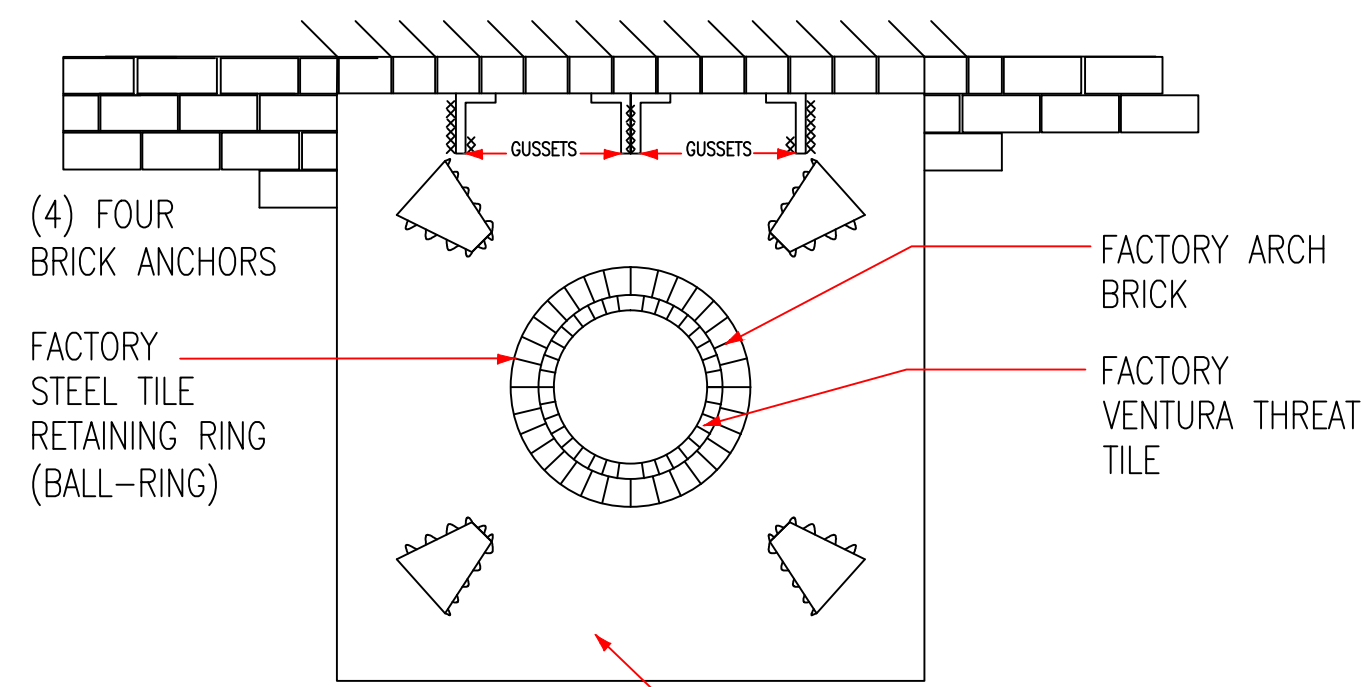


SECTION 2-2



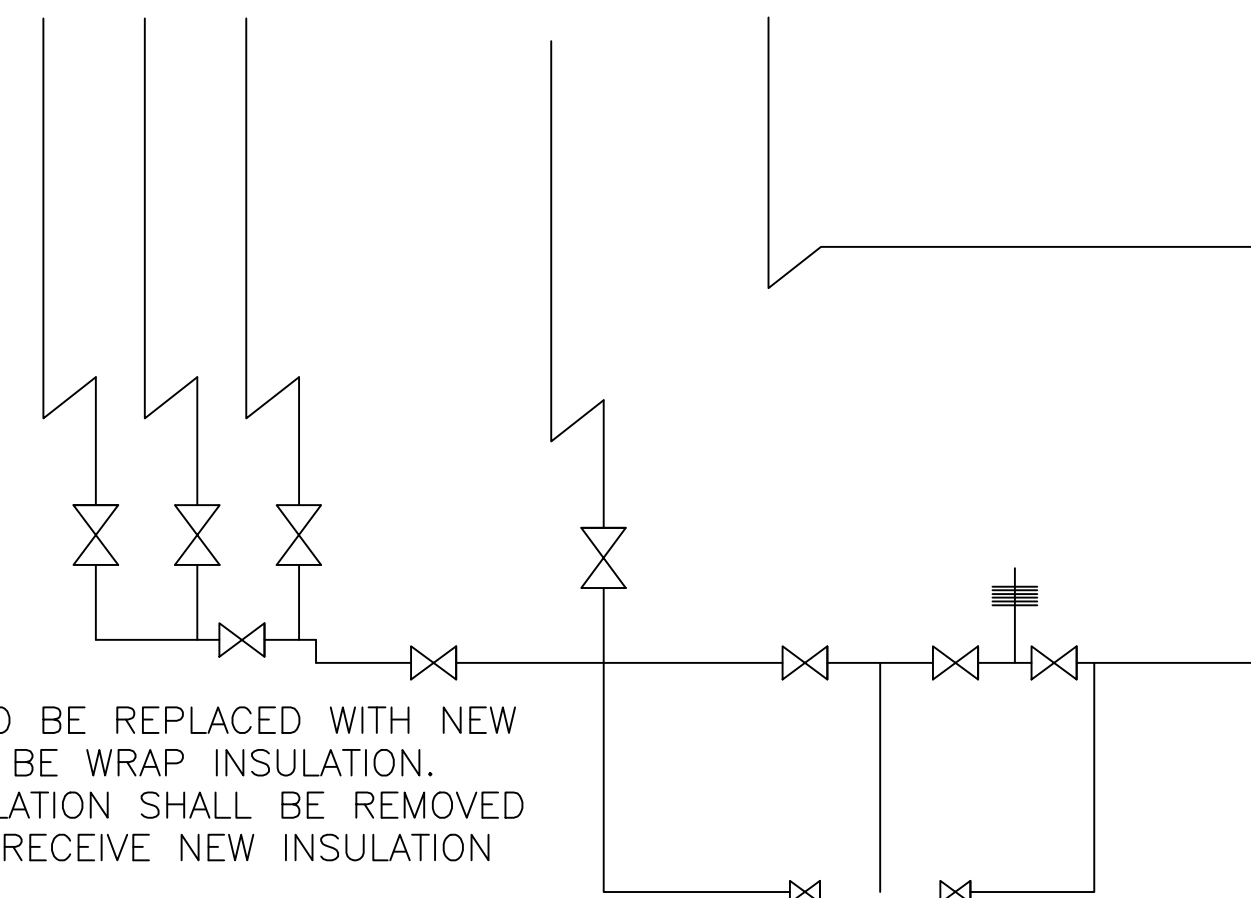
SECTION 2-2

STEEL LINTEL (BRICK LINTEL)  
CHANNEL IRON HALF DISTANCE FROM FIET TO REAR ON BACK  
MIN (2) OR INSTALL (3RD) AS SHOWN ALL HAVE GUSSET SUPPORTS AS WELL.



SECTION 3-3

CASTABLE VOID AREA



SECTION 1-1

KEY NOTES:  
ALL VALVES ARE TO BE REPLACED WITH NEW  
ALL VALVES SHALL BE WRAP INSULATION.  
ALL EXISTING INSULATION SHALL BE REMOVED  
ALL PIPING SHALL RECEIVE NEW INSULATION

BOILER CASING  
REMOVE CASING PANELS. CONTRACTOR TO SUBMIT FOR APPROVAL AND INSTALL NEW CASING, HEAVY GAUGE, ZINC-COATED RUST RESISTANT STEEL, WITH NEW GASKETS FOR PANEL INSULATION.  
BOLTS ARE TO BE REPLACED AS REQUIRED OR INSTRUCTED BY THE COR.

PAINT:  
CONTRACTOR WILL PAINT HIGH HEAT RESISTANCE PAINT WITH TWO PRIMER COAT TO PANELS. THE FINISHED COAT SHALL BE TO MATCH BOILER #2

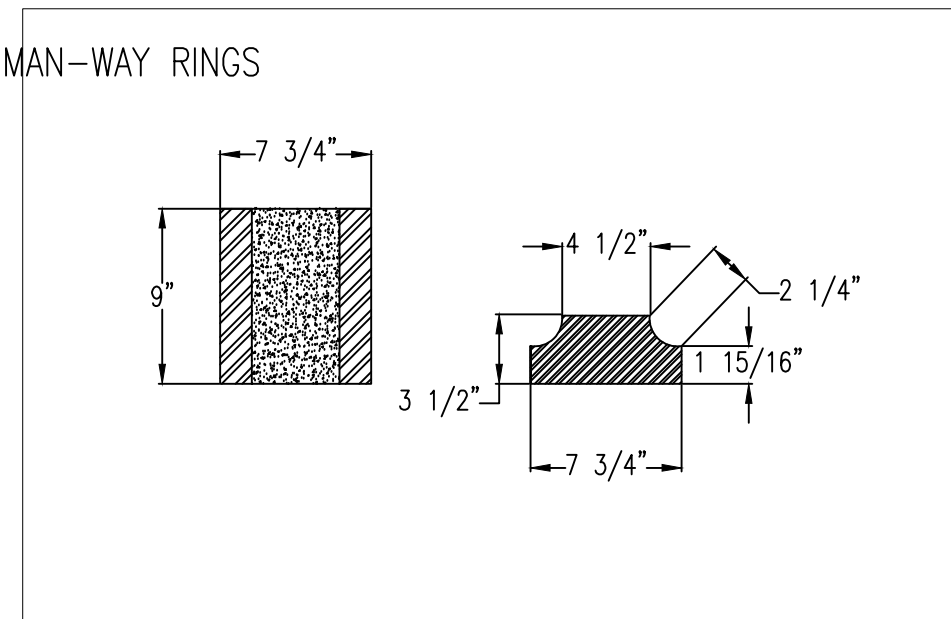
FURNACE AND CONVECTION WALLS:  
REMOVE REFRACTORY AND INSULATION.  
INSTALL NEW TILE AND BACK-UP INSULATION AS PER REQUIREMENTS.  
TILE TO BE SUBMITTED TO THE GOVT. FOR APPROVAL.

BAFFLE WALL: REMOVE EXISTING TILE AND INSTALL NEW REFRACTORY TILE  
LOWER FRONT WALL: REMOVE AND INSTALL FIRE BRICK  
BURNER: TEAR OUT AND FURNISH FACTORY APPLIED BURNER TILE AND BULL  
TARGET WALL: TEAR OUT AND INSTALL FIREBRICK WITH CASTABLE CAP  
RIGHT AND LEFT SIDEWALLS: TEAR OUT AND INSTALL NEW FIREBRICK WITH CASTABLE CAP

FURNACE FLOOR:  
TEAR OUT FIRE BRICK AND INSULATION  
INSTALL NEW INSULATION AND TWO (2) LAYERS OF FIREBRICK

BOILER DRUMS:  
INSTALL NEW INSULATION AND CANVAS TO FOUR DRUMS HEADS TO MATCH EXISTING INSULATION.  
INSTALL NEW LAGGING AND INSULATION TO STEAM DRUM

MUD DRUM:  
RE-FACE TWO MAN-WAY RINGS



BRICK DETAIL

REWORK EXISTING LOWER DRUM  
M.H. LOVERS (TYPICAL)

NOTES:  
CONTRACTOR SHALL PAINT ENTIRE BOILER MATCH BOILER #2  
REPLACE DRAIN LINE AT RELIEF VALVE  
RELIEF VALVE PRESSURE, COORDINATE WITH COR (136, 141, 146)  
REPLACE BLOW DOWN LINE AT LOW WATER CUT-OFF  
ALL BLOW DOWN LINES REPLACE 3 DEGREE FALL FROM BOILER #1-#2 & #3  
PUT WRAPS ON ALL VALVES  
PERFORM HYDROSTATIC TEST WAS TUBES ARE CLEANED  
INVITE ALSTOM TO SITE FOR INSPECTION ONCE DEMOLITION WORKS IS PERFORMED  
SUBMIT REPORT BY ALSTOM TO COR FOR REVIEW.  
FOR PRE-FINAL INSPECTION BOILER INSPECTOR TO BE INVITED TO SITE  
AT ALL HAND HOLES/GASKETS REPLACE  
ALL INTERIOR FIRE BRICK REPLACE INCLUDES FLOOR TILE 3".  
REPLACE WITH ALL NEW EXTERIOR PANELS  
DEMOLITION OF ALL BRICK INCLUDING BAFFLES  
REPLACEMENT OF INSIDE WALL BOILER BRICK  
REPLACEMENT OF PANELS ON BOILER  
REPLACEMENT OF UPPER FRONT WALL OF BOILER AND TOIP  
PROVIDE AND ALSTOM BRICK 3.5 " TYPE

BOILER #2  
REPLACE STOP CHECK VALVES  
REPLACE BLOW DOWN VALVES  
ALL 3 CHECK VALVES EACH BOILER REPLACE  
REPLACE ENTIRE BLOW DOWN LINE (LINE FOR EACH BOILER)  
INSPECT HAND HOLES TO DETERMINE IF POLISH OR GRINDING APPLICATION SHOULD BE APPLIED. SUBMIT FINDINGS TO GOVT. FOR APPROVAL.  
REPLACE BY-PASS-SEE BOILER #3

BOILER PLANT  
NEW WORK SURFACE IN CONTROL ROOM  
REPLACE ROOF FANS WITH NEW



REVISION-REVISE NOTE CONCERNING STEEL CASING	22 JAN 2015
Revision	Date

RECOMMEND APPROVAL			
REQUESTER	Date	CHIEF OF STAFF	Date
CHIEF OF SERVICE	Date	CHIEF OF STAFF	Date
ASSOC. DIR. PATIENT CARE SVC.	Date	ASSOC. DIR. for OPERATIONS	Date
APPROVAL BY:	Date		
MEDICAL CENTER DIRECTOR			

Drawing Title	BOILER WORKS
Approved: Safety Manager/M&O Supervisor	
Approved:Chief of Facilities Management Svr.	

Project Title	REPLACE REFRACTORY ON BOILER #3
Building Number	BUILDING #18
Location	W.G.(BIII) Hefner Medical Center 1601 Brenner Ave. Salisbury NC 28144

Date	29 JUNE 2014
Project No.	659-15-101
DRAWING NO.	M-101
DWG. 6 OF 9	



Department of  
Veterans Affairs