

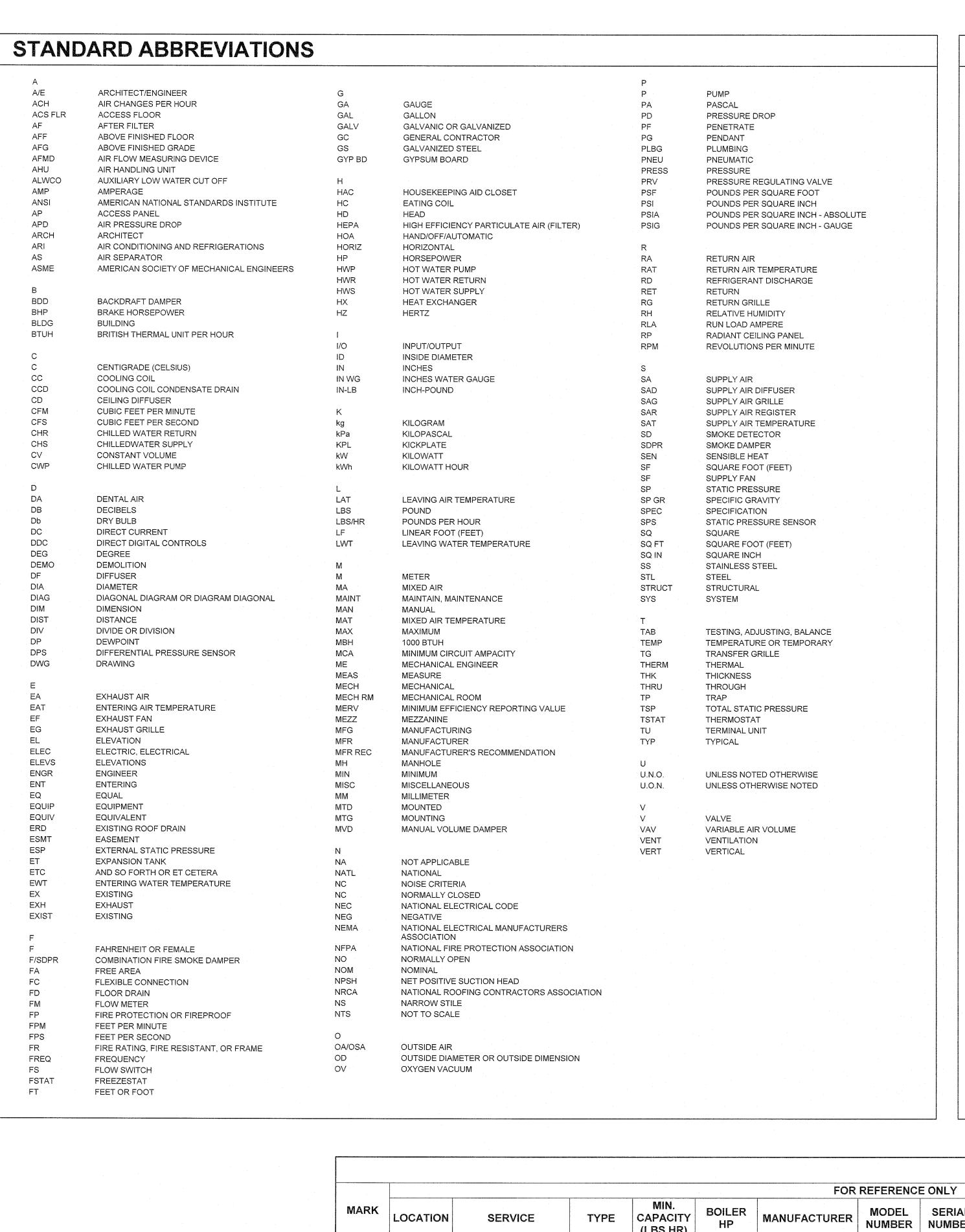
CLARIFICATIONS

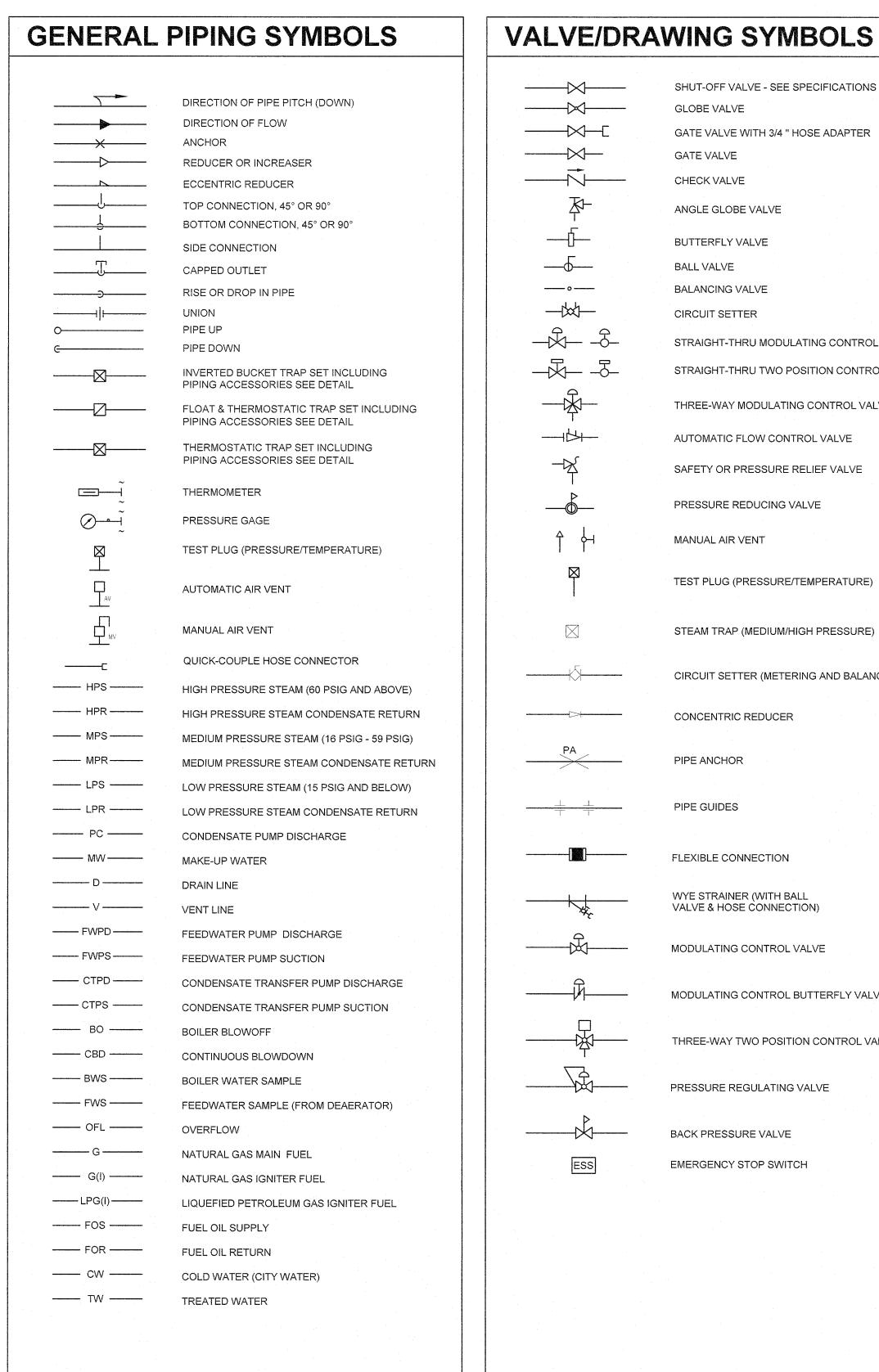
Owner:	VAMC Huntington, WV
Project Title:	Boiler #1 Repair
Owner Contract/Project No.:	VA245-17-R-0261 / 581-17-103
HDG Project No.:	15013

In addition to the Bidder Inquiries List, the following items need to be included in the Amendment:

Drawings:

- 1. MP001 Add Feed Water Control Valve Schedule.
- 2. MP101 Add Note 23.17.





SHUT-OFF VALVE - SEE SPECIFICATIONS \longrightarrow —————— GLOBE VALVE GATE VALVE WITH 3/4 " HOSE ADAPTER \longrightarrow GATE VALVE CHECK VALVE —N-ANGLE GLOBE VALVE ——[]— **BUTTERFLY VALVE** —Ф— BALL VALVE ---- o -----BALANCING VALVE —|XX CIRCUIT SETTER STRAIGHT-THRU MODULATING CONTROL VALVE STRAIGHT-THRU TWO POSITION CONTROL VALVE THREE-WAY MODULATING CONTROL VALVE AUTOMATIC FLOW CONTROL VALVE SAFETY OR PRESSURE RELIEF VALVE PRESSURE REDUCING VALVE _____ MANUAL AIR VENT TEST PLUG (PRESSURE/TEMPERATURE) STEAM TRAP (MEDIUM/HIGH PRESSURE) CIRCUIT SETTER (METERING AND BALANCING) CONCENTRIC REDUCER PIPE ANCHOR PIPE GUIDES FLEXIBLE CONNECTION

WYE STRAINER (WITH BALL

VALVE & HOSE CONNECTION)

MODULATING CONTROL VALVE

PRESSURE REGULATING VALVE

BACK PRESSURE VALVE

EMERGENCY STOP SWITCH

MODULATING CONTROL BUTTERFLY VALVE

THREE-WAY TWO POSITION CONTROL VALVE

GENERAL NOTES

PLANT SAFETY DEVICE TESTING MANUAL.

- COORDINATE ALL WORK WITH OTHER TRADES. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL FEES, PERMITS AND LICENSES FOR THE COMPLETE INSTALLATION OF THEIR
- 3. ALL NEW HVAC EQUIPMENT AND DDC CONTROLS SHALL GET INTEGRATED BACK INTO THE EXISTING ENGINEERING CONTROL
- 4. ALL PIPING RUNS SHOWN ARE REPRESENTATIVE ONLY. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY CONDITIONS IN THE FIELD THAT MAKE NECESSARY ALTERNATE ROUTING OF PIPING. MECHANICAL CONTRACTOR SHALL COORDINATE WITH ELECTRICAL CONTRACTOR TO PROVIDING POWER CONNECTIONS FOR
- CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ANY ARCHITECTURAL WORK (INCLUDING, BUT NOT LIMITED TO:
- FLOORING, CEILING TILE AND GRID, SMOKE PARTITIONS ABOVE CEILING, GYPSUM WALL BOARD AND PAINTING, PLASTER,
- ETC.) THAT IS DAMAGED, DISTURBED, OR REMOVED INCIDENTAL TO THIS WORK. 7. FOR TYPICAL WATER PIPING CONNECTIONS TO EQUIPMENT SEE STANDARD EQUIPMENT DETAILS. 8. BOILER PLANT, INCLUDING SAFETY DEVICES, SHALL BE TESTED AND MEET ALL REQUIREMENTS AND CONFORM TO THE VA BOILER PLANT SAFETY DEVICE TESTING MANUAL 3RD EDITION. ENSURE THAT NO EQUIPMENT IS TO BE USED FOR

BENEFICIAL USE UNTIL ALL SAFETY DEVICES ON THAT EQUIPMENT OR THAT AFFECT THE PLANT AS A WHOLE HAVE TESTED

AND PASSED 100% OF THE SAFETY DEVICE TESTS. SEE SECTION 23 08 11 FOR ALL TEST REQUIREMENTS AND THE VA BOILER

FEED WATER CONTROL VALVE **BODY RATING** 250 psi W.O.G. BOILER 1 PRIMARY **BOILER SAFETY** LIMIT SWITCH SETTINGS RECYCLING BOILER STEAM PRESSURE LIMIT SWITCH 105 PSI NON-RECYCLING BOILER STEAM PRESSURE LIMIT SWITCH 110 PSI

RELIEF VALVE SCHEDULE									
SERVICE	RELIEF PRESSURE (PSIG)	RELIEF CAPACITY (LBS/HR)	ACCUMULATION VALUE (PSIG)						
BOILER 1 PRIMARY	115	12,800	118						
BOILER 1 SECONDARY	120	16,000	124						

										RNER SCHE	n las 🔛 kasa ka	T-1/45									
	FOR REFERENCE ONLY						GAS		OIL		FORCED DRAFT FAN MOTOR		AIR COMPRESSOR				_				
MARK	SERVICE	TYPE	MIN. CAPACITY (LBS.HR)	BOILER HP	MANUFACTURER	MODEL SERI NUMBER NUMB		MIN. ASME PRESSURE RATING (PSIG)	HEATING SURFACE (SQ.FT.)	MIN. CONTINUOUS FIRING RATE (LBS/HR)	INPUT (MMBH)	OUTPUT (MMBH)	INPUT (MMBH)	OUTPUT (MMBH)	POWER (HP)	VOLT/PHASE	POWER (HP)	VOLT/PHASE	OF DESIGN MANUFACTURER	BURNER BASIS OF DESIGN MODEL NUMBER	NOTES
B-1 BUILDING 3	STEAM	FIRETUBE	16,000	400	JOHNSTON	S09	95	150	2,000	16,000	16.8	13.44	16.56	13.24	15	460/3	5	460/3	_	-	ALL

#2 FUEL OIL PRESSURE SUPPLIED TO BURNER IS 100 PSIG MINIMUM TURNDOWN RATIO - NATURAL GAS: 10 TO 1 - FUEL OIL: 5 TO 1.

SEE SPECIFICATIONS FOR TESTING REQUIREMENTS

NOX REQUIREMENT IS 30 PPM MAXIMUM. CO LIMIT IN FLUE ON NATURAL GAS IS 200 PPM.

· DESIGN GROUP, PC ·

formerly HARRELL, SALTRICK & HOPPER, PC

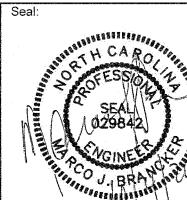
PROVIDE BURNER FUEL OIL MANAGEMENT PUMP WITH 3 PHASE MOTOR

CONSULTANTS: AMENDMENT #1 10/4/2017

h = one foot

8
16

4 T



ARCHITECT / ENGINEERS: 8016 TOWER POINT DRIVE

LEGEND, ABBREVIATIONS AND **GENERAL NOTES** Project Phase: BID DOCUMENTS

CORRECT BOILER PLANT AND STEAM DEFICIENCIES

VAMC HUNTINGTON, WEST VIRGINIA

JULY 7, 2017

Project Number: 581-16-103 Office of Building Number: **Construction and Facilities** Drawing Number: Management

VA U.S. Department of Veterans Affairs

HDG PROJECT: 15013

MP001 DJB

