

LEGEND

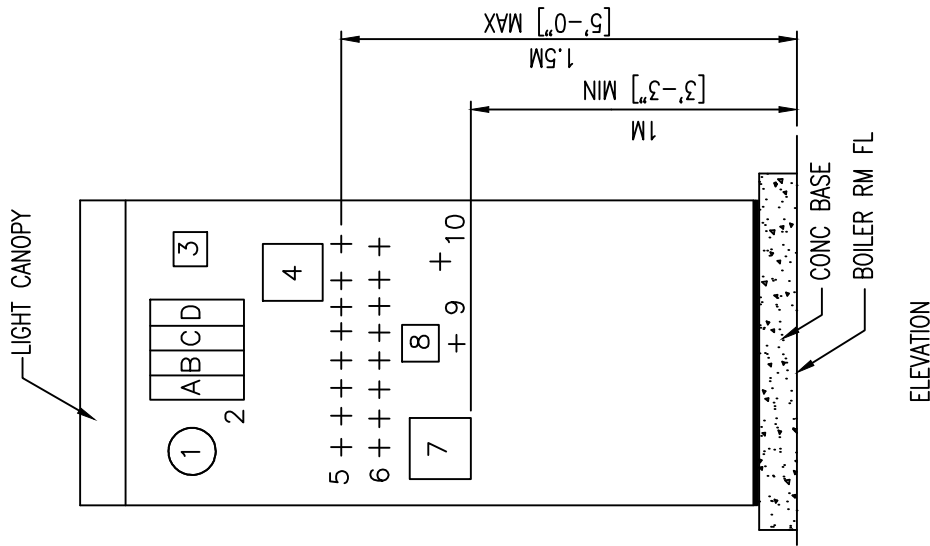
ITEM NO.

DESCRIPTION

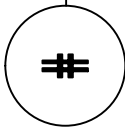
1. ALARM BELL (WATER LEVEL)
2. DRAFT GAUGES
  - A. WINDBOX (0 TO \_\_\_\_\_mm(\_\_\_\_IN) WC) (SEE NOTE 4)
  - B. FURNACE (0 TO \_\_\_\_\_mm(\_\_\_\_IN) WC) (SEE NOTE 4)
  - C. BOILER OUTLET (-\_\_\_\_\_mm(\_\_\_\_IN) TO + \_\_\_\_\_mm(\_\_\_\_IN) WC) (SEE NOTE 5)
  - D. ECONOMIZER OUTLET (-25mm(-1") TO +25mm(+1") WC) (SEE NOTE 5)
3. ALARM HORN (FLAME FAILURE, LOW WATER CUTOFF)
4. BURNER CONTROL SYSTEM ANNUNCIATOR
5. ROW OF BURNER CYCLE PILOT-LIGHTS
6. ROW OF BURNER CONTROL SWITCHES
7. BOILER WATER LEVEL CONTROL STATION
8. ECONOMIZER TEMPERATURE INDICATOR
9. SELECTOR SWITCH FOR ECONOMIZER TEMPERATURE INDICATOR
10. BURNER STOP SWITCH

NOTES:

1. INTERIOR OF PANEL SHALL BE UTILIZED FOR MOUNTING RELAYS, BURNER CONTROL PROGRAMMER, AND OTHER DEVICES.
2. PROVIDE FRONT OR REAR ACCESS DOORS FULL HEIGHT AND WIDTH OF PANEL.
3. PANEL DIMENSIONS APPROX. 1M(3'-0")Wx0.5M(1'-6")Dx2.3M(7'-6")H.
4. WINDBOX AND FURNACE DRAFT GAGE SCALE RANGES RECOMMENDED BY BOILER AND BURNER MANUFACTURER.
5. SCALE RANGE OF BOILER OUTLET DRAFT GAGE MUST BE COORDINATED WITH ECONOMIZER DRAFT LOSS. IF THERE IS NO ECONOMIZER, RANGE SHOULD BE -25mm(-1") TO +25mm(+1") WC.
6. BOILER COMBUSTION CONTROL SUBMASTER, DRAFT CONTROL AND OXYGEN TRIM CONTROL STATIONS MAY BE LOCATED ON THIS PANEL.



# BURNER CONTROL PANEL FOR WATER TUBE BOILERS



NTS



Department of  
Veterans Affairs

DETAIL TITLE: BURNER CONTROL PANEL FOR  
WATER TUBE BOILERS

SCALE :NONE

DATE ISSUED :11/01/2017

CADD DETAIL NO. : SD230911-03.DWG