



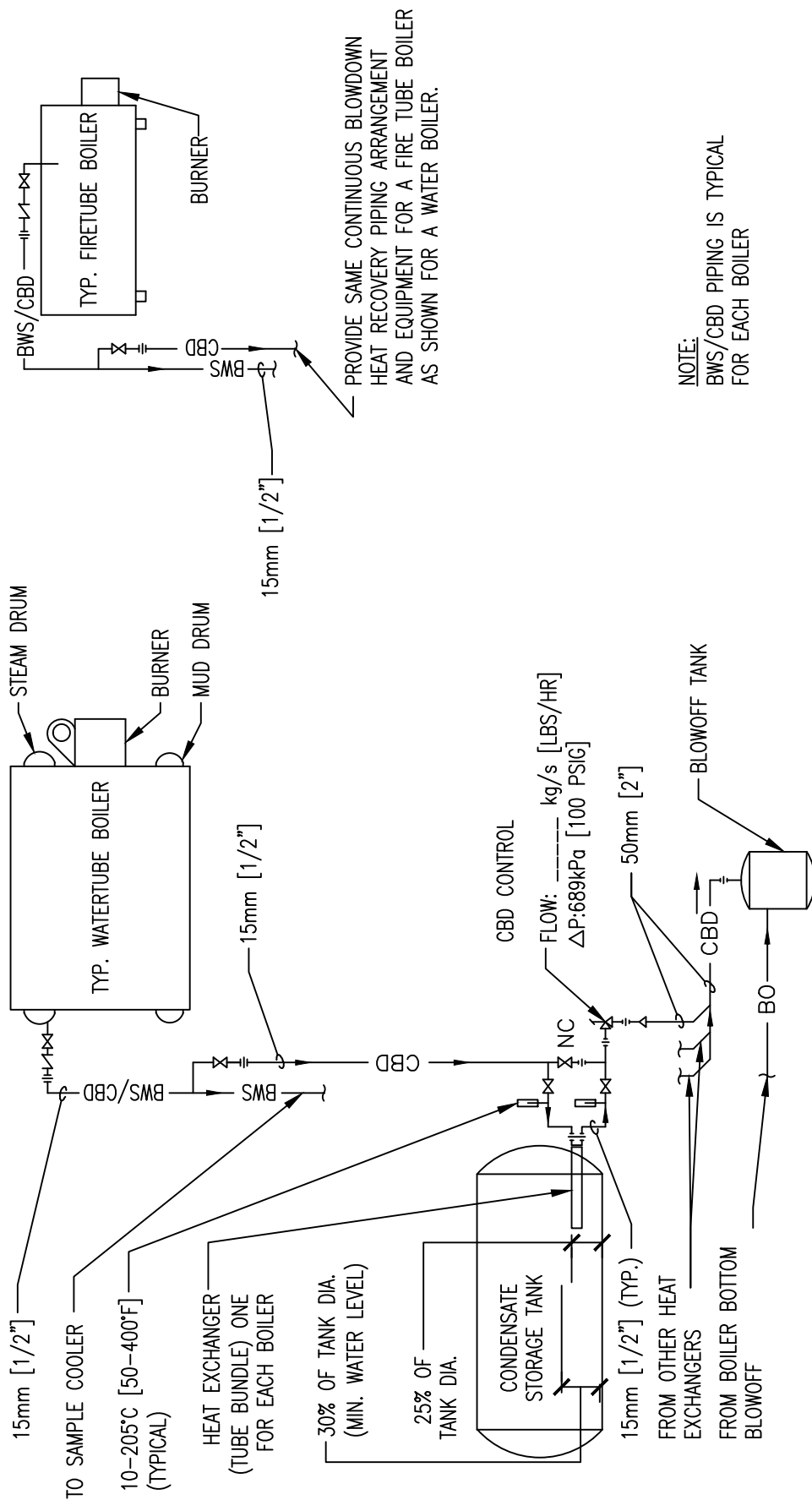
Department of
Veterans Affairs

DETAIL TITLE: CONTINUOUS BLOWDOWN HEAT RECOVERY
STANDARD PIPING DIAGRAM

SCALE :NONE

DATE ISSUED: 11/01/2017

CAD DETAIL NO.: SD235011-07.DWG

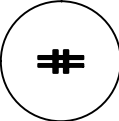


PROVIDE SAME CONTINUOUS BLOWDOWN
HEAT RECOVERY PIPING ARRANGEMENT
AND EQUIPMENT FOR A FIRE TUBE BOILER
AS SHOWN FOR A WATER BOILER.

NOTE:
BWS/CBD PIPING IS TYPICAL
FOR EACH BOILER

DESIGNER NOTE:
EVALUATE IF IT IS BETTER TO PREHEAT BOILER MAKE-UP WATER INSTEAD OF HEATING THE CONDENSATE STORAGE
TANK. THE WIDER TEMPERATURE DIFFERENTIAL BETWEEN MAKE-UP WATER AND CBD MAY RESULT IN
OPTIMUM HEAT RECOVERY. HOWEVER, THIS WILL REQUIRE ADDITION OF A SEPARATE HEAT RECOVERY VESSEL.
EVALUATION SHOULD INCLUDE AN LCC ANALYSIS.

CONTINUOUS BLOWDOWN HEAT RECOVERY STANDARD PIPING DIAGRAM



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