



Department of
Veterans Affairs

DETAIL TITLE: FLASH TANK

SCALE :NONE

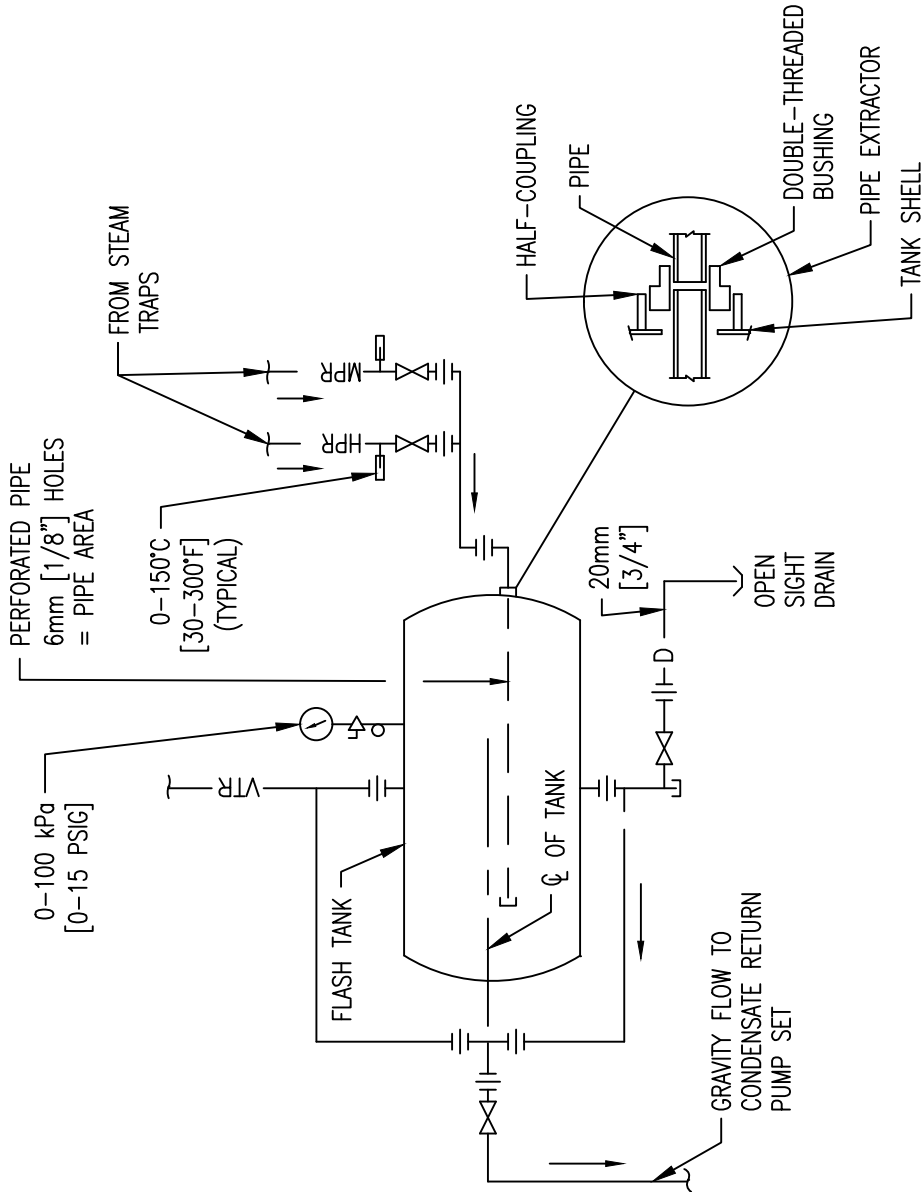
DATE ISSUED: 11/01/2017

CAD DETAIL NO.: SD235011-01.DWG

STEAM PRESSURE kPa [PSIG]	TANK AREA SQ. M [SQ. FT.]
<u>NOTE 1</u>	<u>NOTE 2</u>
1034 [150]	0.35 [3.71]
862 [125]	0.32 [3.40]
758 [110]	0.29 [3.15]
689 [110]	0.28 [3.00]
414 [60]	0.21 [2.23]
207 [30]	0.13 [1.34]

NOTES:

1. PRESSURE UPSTREAM OF STEAM TRAPS ON HPR AND MPR LINES.
2. LENGTH x DIAMETER AT CENTER OF TANK PER 1,000 LBS/HR OF CONDENSATE. TANK AT ATMOSPHERIC PRESSURE.



DESIGNER NOTE:

FOR FLASH STEAM RECOVERY, FLASH TANK TO BE VERTICAL TYPE. PROVIDE BACK PRESSURE VALVE AND SAFETY RELIEF VALVE AT FLASH STEAM LINE. PROVIDE TRAP AT BOTTOM CONDENSATE DISCHARGE LINE. NO VENT INTERCONNECTION BETWEEN CONDENSATE DISCHARGE AND THE FLASH STEAM LINE.

FLASH TANK

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