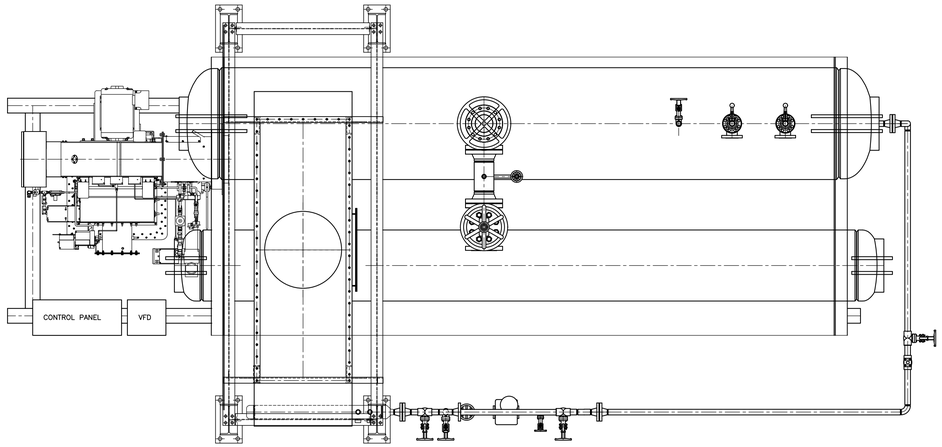
BOILER DATA

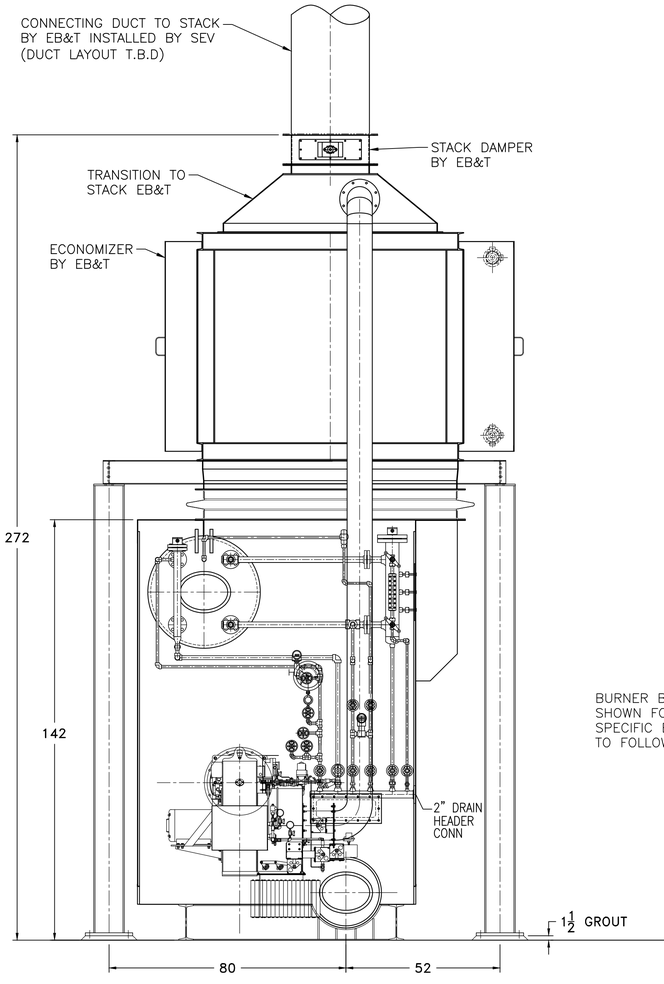
MODEL NO.	30-DS-300
GROSS CAPACITY (SATURATED STEAM)	30,000 LBS/HR
DESIGN PRESSURE	300 PSIG
OPERATING PRESSURE @ DRUM OUTLET	255 PSIG
SATURATED STEAM TEMPERATURE	408° F
FURNACE VOLUME	443 CU. FT.
NET EFFECTIVE RADIANT HEATING	383 SQ. FT.
CONVECTION HEATING SURFACE	2,026 SQ. FT.
TOTAL EFFECTIVE HEATING SURFACE	2,409 SQ. FT.
FEEDWATER TEMPERATURE	228° F
ELEVATION	<1,000 FT.
FUEL	
PRIMARY	NATURAL GAS

NOTES:

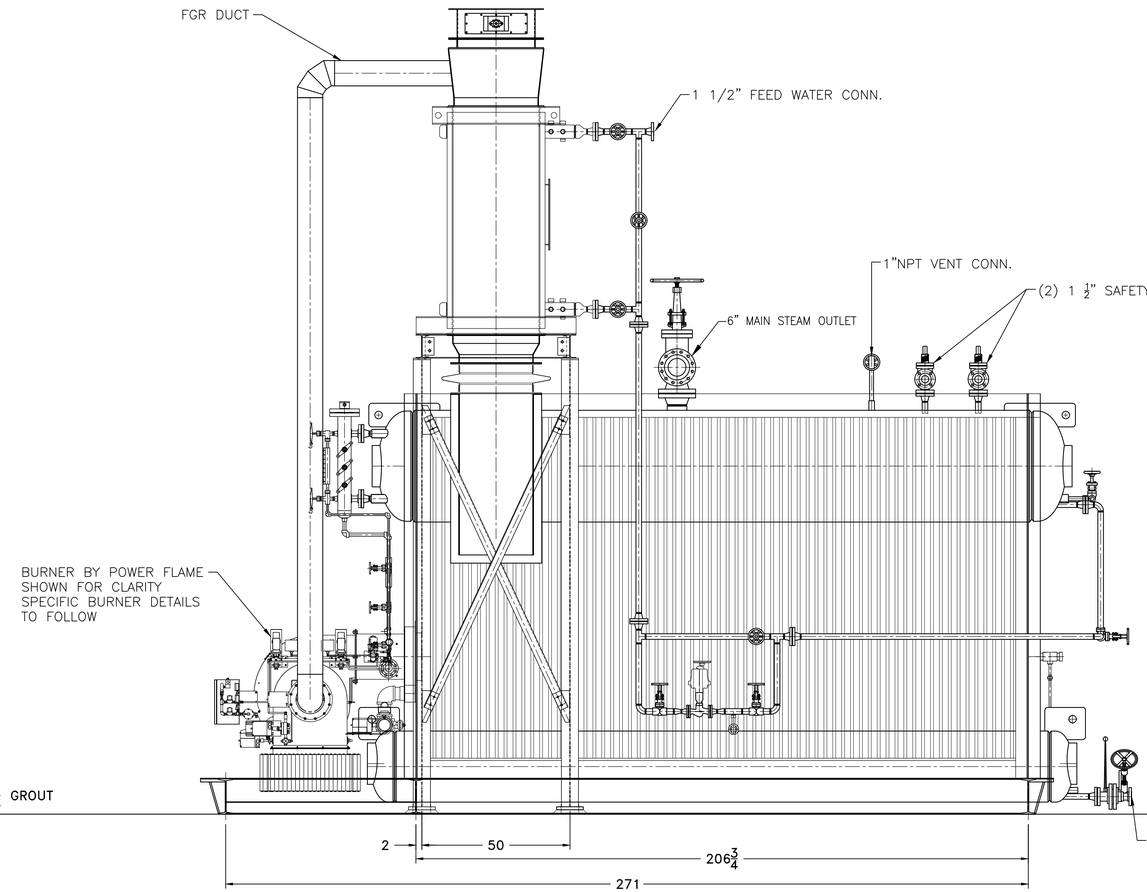
1. DESIGNED AND FABRICATED ACCORDING TO ASME SECTION I, FOR POWER BOILERS AND PRESSURE VESSELS 2013 EDITION.



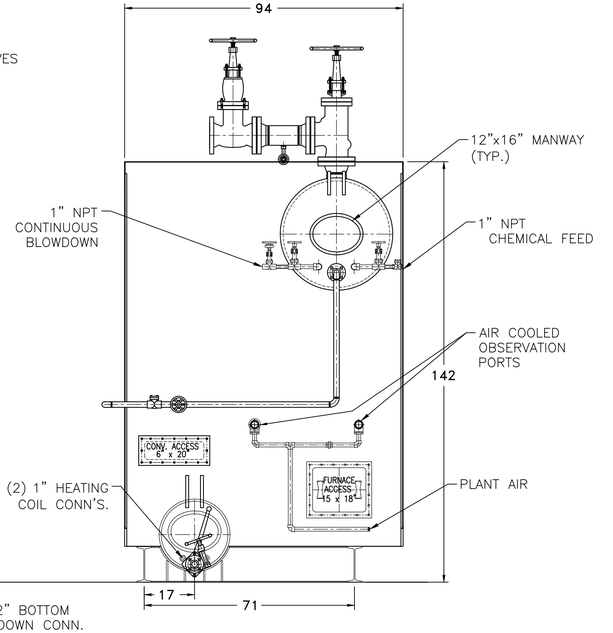
PLAN



FRONT ELEVATION



SIDE ELEVATION



REAR ELEVATION

NOTICE
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DIMENSION LIMITS UNLESS OTHERWISE SPECIFIED ARE

X.X Equals ±0.06
X.XX Equals ±0.015
X.XXX Equals ±0.005

Angles ±0.50°
Fractions ±1/16

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FAX: 1-804-226-9321

DRAWING NAME: BOILER #1 GA (RIGHT HAND)

CONTRACTOR:

PROJECT: NESTLE FREEHOLD

REVISION #		DRAWN	CHECK	APPROVED
REVISION #		DRAWN	CHECK	APPROVED
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REVISION #		DRAWN	CHECK	APPROVED
		DRAWN	CHECK	APPROVED

SCALE	DATE	DRAWN BY	CHECKED BY	APPROVED BY
1/2" = 1'	9/15/2015	SJ		

SIZE	MODEL NUMBER	DRAWING NUMBER	REV. #
D	30-DS-300	35-042-101	0