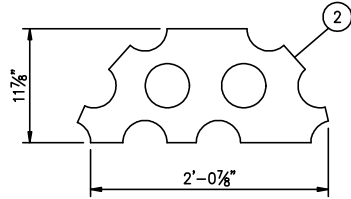
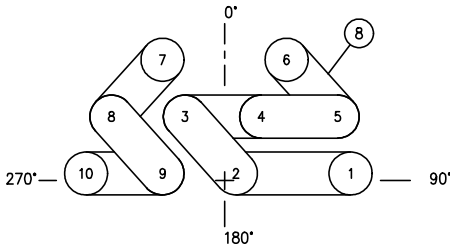


231054COIL-LH01



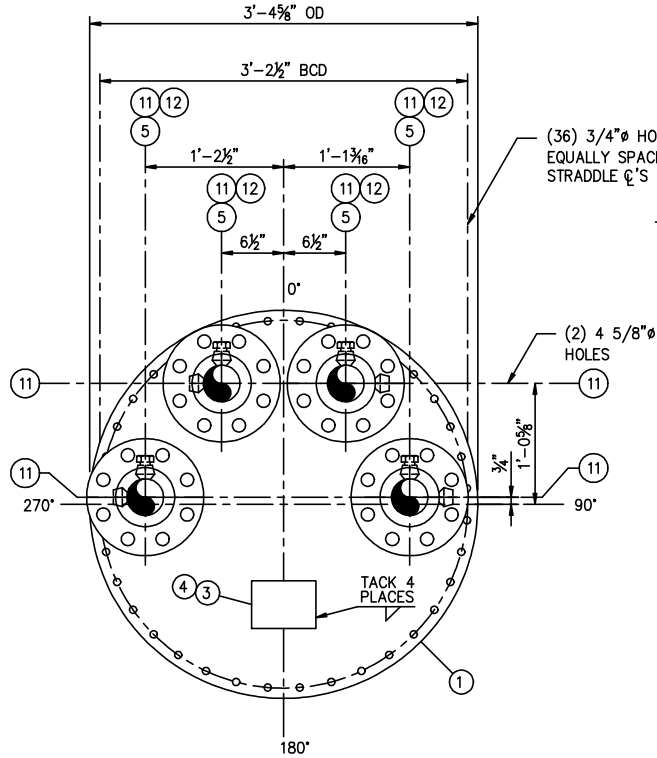
COIL SUPPORT DETAIL
ITEM #2



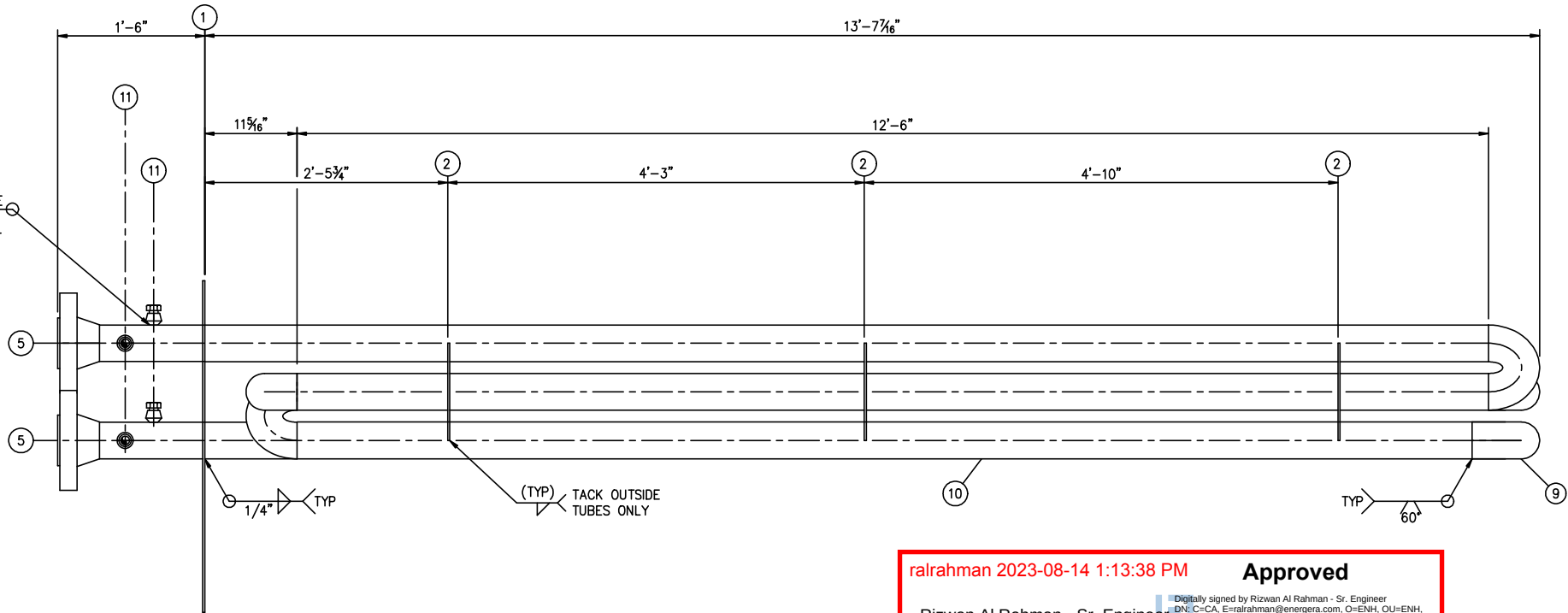
TUBE NUMBERING AND
RETURN BEND LAYOUT

TUBES #1,6,7,10
TUBES #2-5 & 8-9

ITEM NO.	PART NO.	QTY.	DESCRIPTION	MATERIAL	WT.
1		1	PL 40 5/8" OD x 1/4" PL	SA-36/44W	
2		3	11-7/8" x 1/4" PL x 2'-0 7/8" LG (TRIM)	SA-36/44W	
3		1	NAME PL	ST STL	
4		1	NAME PL BRACKET	44W	
5		4	4" CL 1500 RFWN FLG w/SCH 160 BORE	SA-35OLF2CL1	
6		4	4" SCH 160 SMLS PIPE x 13'-8" LG (BBE)	SA-333GR6	
7		5	4" SCH 160 SMLS PIPE x 12'-1 7/8" LG (BBE)	SA-333GR6	
8		7	4" SCH 160 180° SR BW RETURN BEND	SA-420WPL6	
9		1	4" SCH 160 180° LR BW RETURN BEND	SA-420WPL6	
10		1	4" SCH 160 SMLS PIPE x 11'-11 7/8" LG (BBE)	SA-333GR6	
11		8	3/4"CL6000 TOL (4)	SA-35OLF2CL1	
12		4	3/4"CL6000 HEX PLUG	SA-35OLF2CL1	
FOR			FURNISH & INSTALL		
1		1	GSKT 40 5/8" OD x 1/8" x 35 5/8" ID w/(36) 3/4"Ø	NA-60	
			HOLES EQUALLY SPACED ON 38 1/2" BCD		
1		36	5/8"Ø x 1 1/2" LG HEX HD BOLT	SAE-J429GR.5	
1		36	5/8"Ø HEX NUT	SA-194-2H	



END VIEW



SIDE VIEW

ralrahman 2023-08-14 1:13:38 PM

Approved

Rizwan Al Rahman - Sr. Engineer

Digitally signed by Rizwan Al Rahman - Sr. Engineer
DN: c=CA, E=ralrahman@energera.com, O=ENH, OU=ENH,
CN=Rizwan Al Rahman - Sr. Engineer
Date: 2022.11.08 09:41:40-07'00'

GENERAL NOTES:

- TO BE BUILT IN ACCORDANCE WITH ASME PRESSURE PIPING CODE B31.3, 2020 EDITION.
- IMPACT TEST EXEMPT AS PER TABLE 323.2.2A.
- WELD PROCEDURE: WPS-1/LI-8
- COMMERCIAL SANDBLAST TO SSPC SP7.
- PAINT: ONE COAT PRIMER AND TWO COATS WARM GREY ENAMEL ON EXPOSED SURFACES.
- INSULATION: NONE
- PLUG ALL OPENINGS FOR SHIPMENT.
- APPROX. WT.: 3600 lbs
- QTY. 1 REQUIRED.

	COIL #1 6-TUBES PREHEAT	COIL #2 4-TUBES REHEAT	
M.A.W.P. @ 300°F	3270 PSIG	3270 PSIG	
M.D.M.T.	-50°F	-50°F	
LTD. BY	FLANGES	FLANGES	
HYDROTEST	4905 PSIG	4905 PSIG	
C.A.	0.0625"	0.0625"	
RADIOGRAPHY	10%	10%	
HEATING SURFACE	99 sq ft	66 sq ft	
VOLUME	9.2 cu ft	6.2 cu ft	
CRN	TBA.2	TBA.2	
PWHT		NONE	

B	RE-ISSUED FOR APPROVAL	WT	WT	AUG02/23
REV.	DESCRIPTION	BY	CHK'D	DATE

FSR
INC

ENERGERA

PO# 23258

SO# 231054

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FOURSTAR RESOURCES INC.
NISKU, ALBERTA, CANADA

4"-(10) TUBE 3270 PSIG
DUAL PASS COIL FOR FSR
MODEL 750IH INDIRECT HEATER

DRAWN BY: DATE: JUL07/23
WT
APPROVED BY: DATE: JUL07/23
WT
CHECKED BY: DATE: JUL07/23
WT
SCALE: 3/4" = 1'-0"

DRAWING NO.
231054COIL-LH01