



PLAN VIEW
1/2"=1'-0"

BUILDING NOTES:

- BUILDING STYLE: SELF FRAMING METAL BUILDING
- BUILDING DIMENSIONS: 13'-6" WIDE x 20'-0" LONG 8'-6" LOW EAVE
(EXTERIOR WALL DIMENSIONS)
GABLE STYLE ROOF WITH A 4:12 SLOPE
PRE-PANDED EXTERIOR WALLS, ROOF AND TRIM
R-12 FIBRE GLASS BATT INSULATION IN THE WALLS AND
R-20 IN ROOF WITH A 6-MIL VAPOUR BARRIER
EAVES TROUGH DOWN SPOUTS AND ICE RAKES CONTINUOUS ON BOTH EAVES
- INTERIOR: 24 GAUGE WHITE ALUMINIUM LINER
- DOORS: ONE (1) 3'-0" x 7'-0" STEEL MAN DOOR c/w FRAMES, LOCKING PANIC HARDWARE, 24"x24" WIRE GLAZED WINDOW, STEEL THRESHOLDS, CHECK CHAIN, CANOPY & WEATHER STRIPPING
ONE (1) 6'-0" x 7'-0" STEEL MAN DOOR c/w FRAMES, LOCKING PANIC HARDWARE, 24"x24" WIRE GLAZED WINDOW (IN ACTIVE LEAF ONLY), STEEL THRESHOLDS, CHECK CHAIN, CANOPY & WEATHER STRIPPING
- WINDOWS: TWO (2) 40"x40" SLIDING WINDOWS w/ HALF SCREENS
- VENTILATION: ACTIVE RIDGE VENT WITH A 6" THROAT & MANUAL CHAIN OPERATOR FOUR (4) 12"x24" MANUALLY ADJUSTABLE LOUVERS c/w BIRD SCREEN AND SLIDE GATES (WALL CLIPS FOR HIGH MOUNTED INCLUDED)
ONE (1) 12" EXPLOSION PROOF EXHAUST FAN c/w 120V, 3Ph, 60 Hz MOTOR, c/w BACK GUARD AND SHUTTER

GENERAL NOTES:

- ALL DIMENSIONS ARE IN IMPERIAL & [SI] UNITS.
- CUSTOMER TIE-IN POINTS DESIGNATED AS SUCH:
- PIPING DESIGN TEMPERATURES:
-20°F INSIDE BUILDING
-49°F OUTSIDE BUILDING
- BUILDING STRUCTURE TO BE ERRECTED IN SHOP.
- ELEVATIONS SHOWN ARE FROM TOP OF CHECKER PLATE.
- TUBING:
PROCESS LINES: 1/2" OD 0.049" WALL SEAMLESS
ASTM A269 TP304SS w/
316SS SWAGelok FITTINGS.
INSTRUMENT LINES: 3/8" OD 0.035" WALL SEAMLESS
ASTM A269 TP304SS w/
316 SS SWAGelok FITTINGS.
- IMPACT TIGHTENING OF BOLTS SHALL NOT BE USED.
PROPER BOLT TIGHTENING PROCEDURES MUST BE FOLLOWED.
- UNDER SKID INSULATION - 2" THICK POLYURETHANE, FIRE RETARDENT FOAM.
- BATHSAVER - 30" OD, 10' LONG, 49.1 ft.³ (1390 L) CAPACITY.

REFERENCE DRAWINGS:

015940-4-10	PROCESS & INSTRUMENTATION DIAGRAM	SHT 1 OF 1
015940-4-11	GA - HEATER PIPING ELEVATIONS & SECTIONS	SHT 2 OF 4
	GA - HEATER PIPING ISOMETRIC VIEWS	SHT 3 OF 4
	GA - PIPING SPECS	SHT 4 OF 4
015940-4-62	BUNDLE LAYOUT	SHT 1 OF 2
015940-4-71	HEATER STRUCTURAL SKID - PLAN VIEW	SHT 1 OF 2
	GRATING LAYOUT & PIPE SUPPORT DETAILS	SHT 2 OF 2
015940-4-72	BATHSAVER LADDER & ACCESS PLATFORM	SHT 1 OF 1
015940-4-81	HEATER SHELL	SHT 1 OF 3
	2" HEATER PREHEAT COIL	SHT 2 OF 3
	BATHSAVER	SHT 3 OF 3
015940-4-82	24" OD FIRE TUBE & STACK	SHT 1 OF 1
015940-4-83	FUEL GAS SCRUBBER	SHT 1 OF 1

PACKAGE DIMENSIONS:

SHIPPING DIMENSIONS
LENGTH: 47'-0" [15545mm]
WIDTH: 13'-6" [4115mm]
HEIGHT: 12'-0 1/4" [3664mm]
WEIGHT: (DRY) 55,255 lb. [25,065 kg.]

CENTER OF GRAVITY:
NORTH: 8'-4" [2540mm]
EAST: 24'-9 5/16" [7568mm]
ELEV: 3'-2 1/16" [967mm]

OPERATING DIMENSIONS

47'-0" [15545mm]
14'-2 1/8" [4321mm]
12'-0 1/4" [3664mm]

TIE-IN POINTS (DATUM TOP OF CHECKERPLATE)					
MARK	SIZE	RATING	FACE	SERVICE	ELEV (REFERENCE)
TP-1	6"	2500#	RTJ	SOUR GAS FROM WELLHEAD	6'-10 7/8" ± (2105mm)
TP-2	6"	900#	RTJ	SOUR GAS TO L-101 PIG LAUNCHER	3'-3 1/8" ± (994mm)
TP-3	2"	900#	RF	50/50 EG/WATER INLET	5'-9 1/16" ± (1729mm)
TP-4	2"	900#	RF	50/50 EG/WATER OUTLET	1'-9 13/16" ± (553mm)
TP-5	2"	150#	RF	SWEET FUEL & INSTRUMENTATION GAS SUPPLY	4 7/8" ± (124mm)
TP-6	2"	150#	RF	FUTURE PROPANE SUPPLY	1'-0 3/4" ± (324mm)
TP-7	1/2"	3000#	NPT	FUEL GAS DRAIN	7 3/8" ± (187mm)
TP-8	2"	150#	RF	SOUR GAS VENT HEADER	9'-3 11/16" F.O.F. (2837mm)
TP-9	2"	150#	RF	SWEET FUEL GAS TO WELLSITE	2" ± (51mm)

REV	DESCRIPTION	DATE	BY	CHK	APP
0	ISSUED FOR CONSTRUCTION	08-07-24	KHH	PAT	AN
A	ISSUED FOR APPROVAL	08-06-24	KHH	PAT	AN

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CUSTOMER					
TITLE Z-4000 LINE HEATER PACKAGE GENERAL ARRANGEMENT - PLAN VIEW					
PROJECT # and NAME BC0127-004 - HORSESHOE - WELLSITE					
DRAWN KHH	DATE 08-06-24	APPROVED [Signature]	SCALE 1/2"=1'0"	WIP NO. 015940-11	
NO. REV'D 1	DRAWING NO. 015940-4-11		SHT. NO. 1 OF 4		REV. 0

PERMIT TO PRACTICE
ALBERTA NO. P-6912

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