

BUILDING SPECIFICATIONS

DESIGN NOTES

1.

DESIGN LOADS (BASED UPON CALGARY, AB):  
RAIN LOAD = 0.1 kPa  
Za = 0, Zv = 1, v = 0.05

GROUND SNOW LOAD = 1.0 kPa  
WIND LOAD = 1.27 kPa (160 kph)

2.

DESIGN STRUCTURE AS PER THE LATEST EDITION OF THE LOCAL BUILDING CODE

3.

ALL BOLTS, SCREWS, ETC. USED FOR FASTENING ALUMINUM TO ALUMINUM AND ALUMINUM TO STEEL SHALL BE AUSTINETIC STAINLESS STEEL OR CADMIUM PLATED

GENERAL NOTES

1

NOTES WHICH ARE APPLICABLE TO THIS JOB WHEN SHADED

SUBNOTES WHICH ARE APPLICABLE WHEN SHADED

1

TYPE OF BUILDING

☐ SELF FRAMING-SHED

☒ SELF FRAMING-GABLE

☐ RIGID FRAMING-GABLE

2

MATERIAL - EXTERIOR WALL & ROOF PANELS (22 ga MIN)

☒ GALVANIZED

☐ GALVALUME

☐ COLOUR

WALLS \_\_\_\_\_ SPEC # \_\_\_\_\_ ROOF \_\_\_\_\_ SPEC # \_\_\_\_\_

DOORS \_\_\_\_\_ SPEC # \_\_\_\_\_ TRIM \_\_\_\_\_ SPEC # \_\_\_\_\_

☐ TRANSLUCENT ROOF PANELS

☐ SIZE \_\_\_\_\_

☐ COLOUR \_\_\_\_\_

☐ QTY \_\_\_\_\_

3

ROOF SLOPE

☐ 1:12

☐ 2:12

☐ 3:12

☒ 4:12

☐ OTHER \_\_\_\_\_

4

INSULATION - FIBREGLASS

☒ WALLS

☒ R-12

☐ 3 LB/CU FT DENSITY SOUND

☐ R-20

☒ ROOF

☒ R-12

☐ 3 LB/CU FT DENSITY SOUND

☐ R-20

5

DOORS - 20 ga METAL, INSULATED (NORMAL SIZES)

☐ 3'x7' SINGLE

☐ WS

☐ WGW

☐ PH

☐ LS

☐ DC

☐ SF

☐ CC

☐ CP

☐ IN

☐ QTY \_\_\_\_\_

6'x7' DOUBLE

☒ WS

☒ WGW

☒ PH

☒ LS

☒ DC

☒ SF

☒ CC

☒ CP

☒ IN

☐ WGWBD

☐ QTY \_\_\_\_\_

2

WS - WEATHER STRIPPING

LS - LOCKSET

CC - CHECKCHAIN

WGW - WIRE GLAZED WINDOW

DC - DOOR CLOSURE

CP - CANOPY

PH - PANIC HARDWARE

SF - STEEL FRAME

IN - INSULATED

WGWBD - WIRE GLAZED WINDOW BOTH DOORS

6

WINDOWS - HORIZONTAL SLIDING c/w SCREEN (SINGLE GLAZED)

☒ QTY \_\_\_\_\_ 2 \_\_\_\_\_ 40x40

☐ QTY \_\_\_\_\_ 40x50

☐ QTY \_\_\_\_\_ WIRE GLAZED

7

LINER

☒ 24 ga FLUTED ALUMINUM

☐ 20 ga PERFORATED ALUMINUM - WHITE

☐ 24 ga FLUTED ALUMINUM - WHITE

☐ 20 ga 33% PERFORATED ALUMINUM

☐ 20 ga PERFORATED ALUMINUM

☐ 20 ga 33% PERFORATED ALUMINUM - WHITE

8

ERECTION

☐ ON SITE BY BLDG MANUFACTURER

☒ AT BIDELL BY BLDG MANUFACTURER

9

WALL LOUVRES (NOMINAL SIZES)

☐ STAMPED LOUVRE c/w SLIDE CLOSURE AND SCREEN

☐ SIZE \_\_\_\_\_

☐ QTY \_\_\_\_\_

☒ ADJUSTABLE LOUVRE c/w MANUAL CONTROL AND SCREEN

☒ SIZE \_\_\_\_\_ 18"x32"

☒ QTY \_\_\_\_\_ 2 \_\_\_\_\_

10

RIDGE VENTILATOR

☒ RIDGE VENTILATOR c/w MANUAL CONTROLS & BIRDSCREEN

☐ ACCOUSTIC TYPE RIDGE VENTILATOR c/w MANUAL CONTROLS & BIRDSCREEN

☒ 6" THROAT

☐ 9" THROAT

☐ OTHER \_\_\_\_\_

☒ LENGTH FULL LENGTH

11

ROLL-UP DOORS/SECTIONAL O/H DOORS/SLIDING DOORS

☐ \_\_\_\_\_ STEEL ROLL-UP DOOR

☐ DIRECT DRIVE CHAIN HOIST

☐ \_\_\_\_\_ STEEL O/H SECTIONAL DOOR

☐ GEARED CHAIN HOIST

☐ \_\_\_\_\_ STEEL HINGED ACCESS DOOR

☐ MANUAL OPER CHAIN HOIST

☐ \_\_\_\_\_ STEEL BOLTED ACCESS DOOR

☐ INSULATED

12

FANS - ROOF/WALL

☐ \_\_\_\_\_ ROOF

ELECTRIC DRIVEN FAN CAPABLE OF PROVIDING A MIN OF 12 AIR CHANGES/HOUR AT 1/8" SP c/w BACK DRAFT DAMPERS. ALUM HOUSING & BIRDSCREEN. MOTOR TO BE CSA APPROVED, XP (CLASS I, GROUP D, DIV 1)

☐ \_\_\_\_\_ WALL

☐ 120/240 V - 1 PHASE

☐ DIAMETER \_\_\_\_\_

☐ 240/480 V - 3 PHASE

☐ HP \_\_\_\_\_

13

POLYETHYLENE VAPOUR BARRIER

☐ 2 MIL

☒ 4 MIL

☐ 6 MIL

14

EAVESTROUGH, DOWNSPOUT & ICE RAKES

☐ EAVESTROUGHS

☐ DOWNSPOUTS

☐ ICE RAKES

15

BUILDING SIZE

☒ LENGTH \_\_\_\_\_ 19'-0"

☒ WIDTH \_\_\_\_\_ 17'-6"

☒ EAVE HGT \_\_\_\_\_ 10'-6"

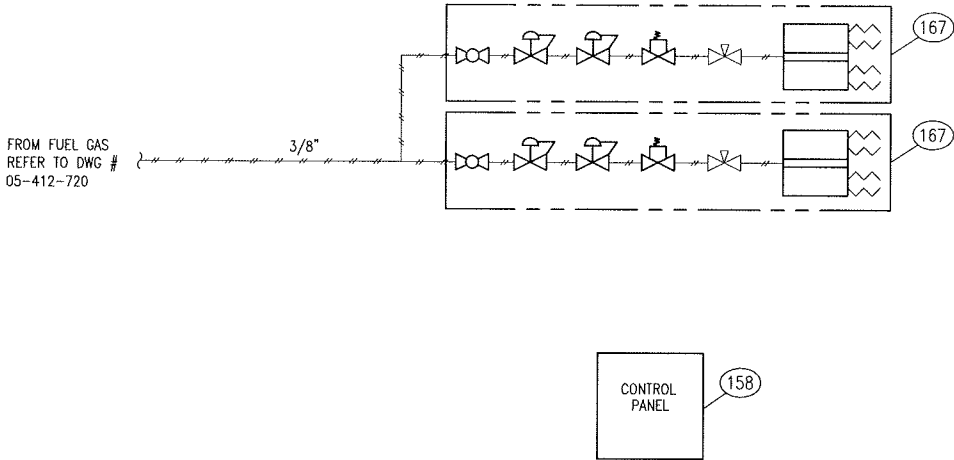
16

COOLER

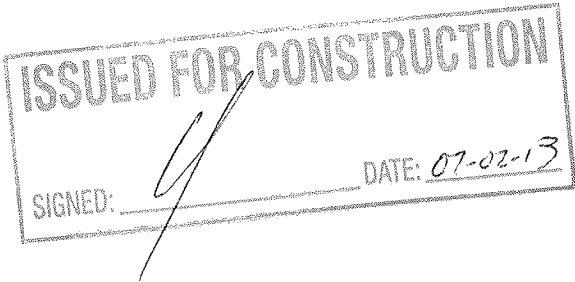
☒ ATTACHED TO BLDG

☐ OPTIMNG SIZE \_\_\_\_\_ 31 VERTICOR

☐ DETACHED FROM BLDG



BILL OF MATERIALS			
MK	QTY	PART NUMBER	DESCRIPTION
167	2	HEG-037	HEATER, CATALYTIC, 24"x24", "CATADYNE" MODEL P2424-22A, 16,000 BTU, 120VAC, c/w REGULATOR, THERMOSTAT, SAFETY VALVE AND BLOCK VALVE
158	1	PNL-REMVUE-500μ	DRIVER: WAUKESHA F18GL LCR, COMPRESSOR: SULLAIR PDR25X COMPRESSOR CONTROL SYSTEM, INCLUDING COMPONENTS DETAILED BELOW, BUT NOT LIMITED TO: (SEE QUOTE FOR DETAILED LIST) - 60"H x 24"W x 16"D (c/w 15"H STAND) - 14GA. CARBON STEEL (PAINTED BLUE) - SINGLE FRONT ACCESS DOOR c/w 5.7" TFT MONOCHROME TOUCHSCREEN HMI - NEMA 4 DESIGN, APP'D/LABELLED CSA CL.1, DIV.II, GR.C-D - 24VDC CUSTOMER POWER - MAINTAINED ESD PUSHBUTTON - FITTINGS (SWAGELOK): - 316SS PROCESS - CAD PLATED CIRCUIT - TUBING: (1/4" O.D.): - 316SS PROCESS - 316SS CIRCUIT - PRESSURE ISOLATION VALVE - COMMON INSTRUMENT VENT - (2) SOLENOIDS - (5) MURPHY PXT PRESSURE TRANSMITTERS - (1) FISHER i2P-100 I/P PLEASE REFER TO SPARTAN QUOTATION PN17276, DATED JAN 25/07 FOR FURTHER DETAILS



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0	07-02-08	BES	LS	ISSUED FOR CONSTRUCTION
REV	DATE	BY	APPR	DESCRIPTION
REVISIONS				
<div><div><div>BIDELL EQUIPMENT</div><div>GAS COMPRESSION</div></div><div>6900 - 112th AVENUE S.E. CALGARY, AB T2C 4Z1 PHONE: (403) 235-5877 FAX: (403) 272-7749</div></div>				
HEATER & BLDG ELECTRICAL FLOW DIAGRAM WAUKESHA F18GL				
CUSTOMER: BIDELL EQUIPMENT LOCATION: STOCK				
LSD: _____ JOB# _____ 05-412				
DWN	DATE	SCALE	DWG#	REV
RES10	07-10	1/8"	05-412	70