

BUILDING SPECIFICATIONS

DESIGN NOTES

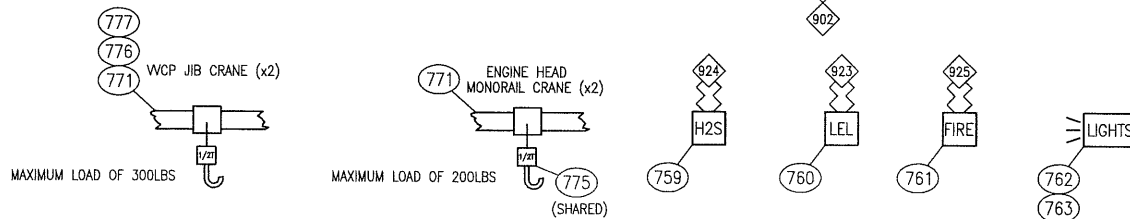
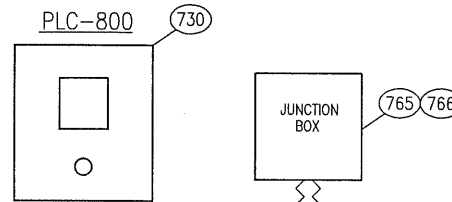
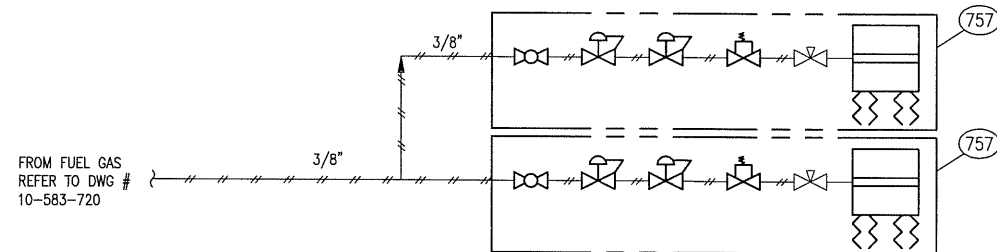
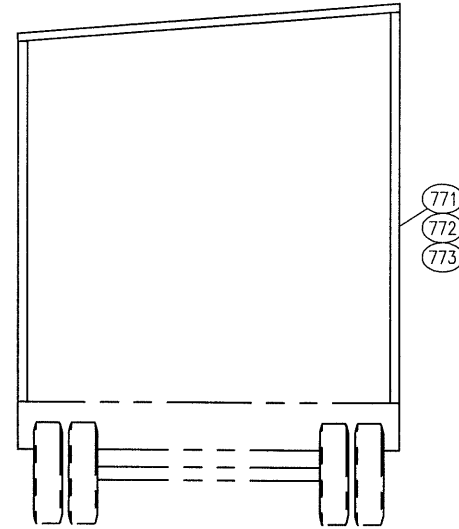
- DESIGN LOADS (BASED UPON CALGARY, AB):
RAIN LOAD = 0.1 kPa
GROUND SNOW LOAD = 40#/ft
WIND LOAD = 100 MPH
Za = 0, Zv = 1, v = 0.05
- DESIGN STRUCTURE AS PER THE LATEST EDITION OF THE AB & NATIONAL BUILDING CODE
- ALL BOLTS, SCREWS, ETC. USED FOR FASTENING ALUMINUM TO ALUMINUM AND ALUMINUM TO STEEL SHALL BE AUSTINITE STAINLESS STEEL OR CADMIUM PLATED

GENERAL NOTES

- NOTES WHICH ARE APPLICABLE TO THIS JOB WHEN SHADED
- SUBNOTES WHICH ARE APPLICABLE WHEN SHADED

- TYPE OF BUILDING (EAVELESS)**
 SELF FRAMING-SHED SELF FRAMING-GABLE RIGID FRAMING-CABLE
- MATERIAL - EXTERIOR WALL & ROOF PANELS (22 ga MIN)**
 GALVANIZED GALVALUME
WALLS WHITE WHITE SPEC # QC-317 ROOF WHITE WHITE SPEC # QC-317
DOORS HERON BLUE SPEC # QC-330 TRIM HERON BLUE SPEC # QC-330
 TRANSLUCENT ROOF PANELS
SIZE _____ COLOUR _____ QTY _____
- ROOF SLOPE**
 1:12 2:12 3:12 4:12 OTHER _____
- INSULATION - ROCKWOOL**
WALLS R-12 3 LB/CU FT DENSITY SOUND R-20
ROOF R-12 3 LB/CU FT DENSITY SOUND R-20
- DOORS - 20 ga METAL, INSULATED (NORMAL SIZES)**
3'x7' SINGLE WS WGW PH LS DC SF CC CP IN
QTY 2
6'x7' DOUBLE WS WGW PH LS DC SF CC CP IN WGWB
QTY _____
WS - WEATHER STRIPPING LS - LOCKSET CC - CHECKCHAIN
WGW - WIRE GLAZED WINDOW DC - DOOR CLOSURE CP - CANOPY
PH - PANIC HARDWARE SF - STEEL FRAME IN - INSULATED
WGWB - WIRE GLAZED WINDOW BOTH DOORS
- WINDOWS - HORIZONTAL SLIDING c/w SCREEN (SINGLE GLAZED)**
QTY _____ 40x40 QTY _____ 40x50 QTY _____ WIRE GLAZED
- LINER**
 24 ga FLUTED ALUMINUM 20 ga PERFORATED ALUMINUM - WHITE
 24 ga FLUTED STEEL - WHITE 20 ga 33% PERFORATED ALUMINUM
 20 ga PERFORATED ALUMINUM 20 ga 33% PERFORATED STEEL - WHITE
- ERECTION**
 ON SITE BY BLDG MANUFACTURER AT BIDELL BY BLDG MANUFACTURER
- WALL/ROOF LOUVRES (NOMINAL SIZES)**
 STAMPED LOUVRE c/w SLIDE CLOSURE AND SCREEN
 ADJUSTABLE LOUVRE c/w MANUAL CONTROL AND SCREEN
SIZE 18"x18" QTY 2
SIZE 12"x12" QTY 2
SIZE 24"x24" QTY 1
ONE IN FRONT OF HYDRAULIC OIL COOLER (24"x24")
- RIDGE VENTILATOR**
 RIDGE VENTILATOR c/w MANUAL CONTROLS, RAIN CAP & BIRDSCREEN (CHAIN OPERATED & HAND LEVEL)
 ACCOUSTIC TYPE RIDGE VENTILATOR c/w MANUAL CONTROLS & BIRDSCREEN
 6" THROAT 9" THROAT OTHER _____
LENGTH _____
- PULL-OUTS**
 1 @ 17'-10 1/2" x 8'-0" C/W TRANSLUCENT PANELS (c/w REMOVABLE SCREENS)
 1 @ 16'-3" x 8'-0" C/W TRANSLUCENT PANELS (c/w REMOVABLE SCREENS)
- FANS - ROOF/WALL**
 ROOF WALL
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)
1 HIGH 120/240 V - 1 PHASE DIAMETER 16" 24V DC
1 LOW 240/480 V - 3 PHASE HP 1/3
- POLYETHYLENE VAPOUR BARRIER (1" MAX. SKID EDGE PROJECTION)**
 2 MIL 4 MIL 6 MIL
- EAVESTROUGH, DOWNSPOUT & ICE RAKES**
 EAVESTROUGHS DOWNSPOUTS ICE RAKES OVER THE DOOR ON LOW SIDE OF ROOF
- COOLER**
LENGTH 34'-5" WIDTH 12'-0" EAVE HGT 11'-2"
 ATTACHED TO BLDG OPENING SIZE _____ BY VENDOR
 DETACHED FROM BLDG

PLC-800
REMOVUE 500S
24 VDC FROM GENERATOR
CSA CLASS 1, DIV 2, GROUPS C&D
S/N: RS-24627-AA



REMOVABLE ROOF SECTION
REQUIRED FOR ENGINE AND
COMPRESSOR REMOVAL

PERFORATED LINER ABOVE 36"

ONE @ 12"x12" HERMAN NELSON
DUCTS TO BE LOCATED BY ENGINE
ON THE NOZZLE SIDE

TWO @ 12"x18" LOUVERS TO BE
LOCATED BY ENGINE, LOCATE UP
HIGH ACROSS FROM EACH OTHER

2 RIDGE VENTS REQ'D
ALONG THE WIDTH OF
THE BUILDING

AIR INTAKE HOOD REQ'D
24VDC FROM GENERATOR

ELECTRICAL TERMINATIONS

- 900 REMOTE STOP
- 901 REMOTE RUN STATUS
- 902 REMOTE ESD
- 923 GAS LEL DETECTION
- 924 GAS H2S DETECTION
- 925 UV FLAME DETECTION

- NOTES:
1. TRAVEL TARP TO THE TOP, FRONT AND 3' DOWN ON BOTH SIDES OF BOTH COOLERS c/w THE DOWNS
2. P. ENG STAMP REQUIRED

BILL OF MATERIALS

MK	QTY	PART NUMBER	DESCRIPTION
730	1	CAT-228-6559	HARNESS, CAT PART #CAT2286559, FOR PL1000E
757	2	HEG-035	HEATER, CATALYTIC, 24"x48", "CATADYNE" MODEL P2448A-04A, 32,000 BTU, 12VDC, c/w 25 FT STARTER CABLES, REGULATOR, THERMOSTAT, SAFETY VALVE, BLOCK VALVE AND PROTECTIVE GRILL
759	1	FGD-071	DETECTOR, H2S, "NET SAFETY" MILLENIUM, MODEL MLP-A-ST1200-100-SEP, 4-20mA, 12-24VDC, CSA CLASS 1, DIV 1, GROUPS C,D, LED DISPLAY, C/W SENSOR SEPARATION JUNCTION BOX
760	1	FGD-002	DETECTOR, GAS, "NET SAFETY" MILLENIUM, MODEL MLP-AR-SC1100-SEP, 4-20mA & RELAY OUTPUTS, 12-24VDC, CSA CLASS 1, DIV 1, GROUPS C,D, LED DISPLAY, C/W SENSOR SEPARATION JUNCTION BOX
761	1	FGD-042	DETECTOR, FIRE EYE UV, "NET SAFETY" MILLENIUM, MODEL MLP-AR-SC1100-SEP, 4-20mA & RELAY OUTPUTS, 12-24VDC, CSA CLASS 1, DIV 1, GROUPS B,C,D, C/W JBR-T-ASSY RELAY JUNCTION BOX & SWIVEL MOUNT
762	3	ELE-LIGHT02	FIXTURE, LIGHT, INCANDESCENT, CLASS 1, DIV.2, c/w GUARDS, 100 WATT, 24 VDC
763	3	ELE-LIGHTMOUNT	MOUNTING MODULE, FOR ELE-LIGHT01, MOUNTS ON 3/4" CONDUIT (MOUNTED IN PEAK OF BUILDING)
764	3	ELE-BULB03	BULB, INCANDESCENT, "WESTINGHOUSE MODEL 100A19IF/24, 100 WATT, 24V DC (52025)
765	1	ELE-ENC8X6	BOX, JUNCTION, 8"x6"x4", CSA APPROVED, 24V
766	1	ELE-ENCBP01	BACKPAN, FOR P/N: ELE-ENC8X6
768	3	ELE-BULB01ADA	ADAPTOR, SOCKET, "CROUSE HINDS" MODEL 2005
769	3	ELE-34EAHC	HANGER TEE, BOX COVER, 3/4", "CROUSE-HINDS" MODEL EAHC2702, WESCO P/N 78227424920
771	16	BEA-VTRY-3.5	BEARING, V-GROOVE, YOKE TRACK ROLLER, 3.05" OD, "PCI" MODEL VTRY-3.50, 0.7505" BORE, 2380LB AXIAL, 590LB THRUST, SEALED.
772	1	BDG-STAIRS	STAIR ASSEMBLY FOR TRAILER UNITS.
773	1	TRL-PULL	OVERHEAD DOOR ASSEMBLY, FOR 1 PAIR OF PULLOUTS
775	1	CRA-500	10 FOOT LIFT HEIGHT 7 FOOT LONG HAND CHAIN TOP HOOK SUSPENSION LOAD TEST CERTIFICATE REQUIRED WITH SHIPMENT
776	4	BEA-UC208-108D1	BEARING, TYPE UC2, SERIES 2, "NTN" MODEL UC208-108D1, 1-1/2" DIA SHAFT BORE, 4000LB AXIAL, 0 LB THRUST, GREASE PORT.
777	4	BEA-F208D1	BEARING HOUSING, TYPE UCF2, SERIES 2, "NTN" MODEL F208D1, CAST IRON, GREASE PORT
780	1	ELE-DSDSE123	TIMER, 0-60 MIN, "CROUSE-HINDS" MODEL DSDSE1234460MINSA, 125V, 10 AMP, XP
781	1	ELE-EDS271	DEVICE BOX, SINGLE, "CROUSE-HINDS" MODEL EDCS271-SA, ALUMINUM

AS BUILT
SIGNED: *Jaron M. S...* DATE: AUG 20 2010

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REV	DATE	BY	APPR	DESCRIPTION
A	10-08-19	CP	DR	AS BUILT-LEASED TO TALISMAN ENERGY
0	10-04-23	CP	DR	ISSUED FOR CONSTRUCTION

BIDELL EQUIPMENT
6900 - 112th AVENUE S.E.
CALGARY, AB T2C 4Z1
PHONE: (403) 235-5877
FAX: (403) 272-7749

HEATER & BLDG ELECTRICAL FLOW DIAGRAM
CATERPILLAR G3516LE AFRC / ARIEL JGT/4-2
CUSTOMER: BIDELL EQUIPMENT
LOCATION: TRAILER MOUNTED COMPRESSOR - MOBILE
LSD: PORTABLE JOB#: 10-583

DWN	DATE	SCALE	DWG#	REV
CP	10-04-22	NTS	10-583-770	A