

ITEM NO.	QTY.	MFG #	DESCRIPTION
1	1	6143-MA-101	Building Skid Assembly
2	1	6143-PB-102	26 X 17 X 12 BUILDING ENCLOSURE
3	1	E-1-9550	RADIATOR, NCS-300-SC28.5
4	1	6142-SA-200	Engine Skid Assembly
5	10	CPG-PB-003	SPRING MOUNT
6	1	6142-MA-200	Coolant Piping
7	1	6142-MA-300	EXHAUST PIPING ASSEMBLY
8	1	6142-SA-311	Exhaust Stack
9	1	6142-PM-111	WALL THIMBLE, 12-INCH
10	1	6142-PB-101	SILENCER, HOSPITAL GRADE
11	1	6143-PM-110	SILENCER STAND
12	2		Caloritech Electric Heater, 15-40kW Heater
13	1		GENERATOR CONTROL PANEL, MODEL GCS 2200
14	1	VFD, 30 hp	GE VFD, 30 hp
15	1		BATTERY CHARGER, 10 AMP (LA MARCH)
16	1	6142-PM-302	Lube Tank Stand
17	1	6142-SA-301	LUBE OIL TANK ASSEMBLY 90L TANK
18	3		JUNCTION BOX
19	1	6143-PB-005	600KW LOAD BANK - 480VAC, 3PH, 60 HZ
20	1	6143-PB-106	Waste Oil Tank, 1200L
21	2	CPG-PB-001	Fire Extinguisher, Wall Mount
22	1	CPG-PS-40	Pipe Stand, 40-Inch
23	1	CPG-PS-30	PIPE STAND, 30-INCH
24	2	S-7A-450-PP	PIPE CLAMP
25	4	S-7-2375-PP	PIPE CLAMP
26	1	S-7-350-PP	PIPE CLAMP
27	1	S-6-1900-PP	PIPE CLAMP
28	1	6143-MA-400	FUEL GAS PIPING ASSEMBLY
29	2	H-1-1000	Catalytic Heater
30	1		GENERATOR CONTROL PANEL 12X12X6
31	1		SUREPOINT GEN SYNC PANEL 36X48X12
32	3		Juntion Box, 30x30x6

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- NOTES:
- STRUCTURAL STEEL SHALL BE OF NEW STOCK AND CONFORM TO CSA G40.21.
  - WELDING SHALL CONFORM TO CSA W59 & CSA 47.1 (LATEST EDITION).
  - DESIGN TO BE IN COMPLIANCE WITH CSA S16 AND CISC HAND BOOK OF STEEL CONSTRUCTION.
  - WELDING SHALL CONFORM TO WELD PROCEDURE FCAW-WPS or SMAW-WPS.
  - SKID SHALL BE INSULATED UNDERNEATH WITH 50mm OF FIRE RETARDANT FOAM INSULATION.
  - PAINTING: SURFACE PREPARATION SHALL CONFORM TO SSPC-SP6  
-ONE (1) COAT PRIMER;  
-ONE (1) COAT GREY WITH BLACK PERIMETER;
  - LIFTING LUGS REQUIRE 100% MPI.

**CUSTOM POWER GENERATION**

SUITE 311  
160 QUARRY PARK BLVD S.E.  
CALGARY, ALBERTA, T2C 3G3

**CW MANUFACTURING LTD**

53026 RR 264  
Acheson, AB  
T7X 5A5

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**PROPRIETARY AND CONFIDENTIAL**

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**TOLERANCES UNLESS NOTED OTHERWISE**

X            +/- 0.060"  
X.X        +/- 0.030"  
X.XX      +/- 0.015"  
X.XXX     +/- 0.005"  
Angles    +/- 0.5 Deg.

**Title: 600 KW SKID PACKAGE**

Date: 2017-02-08

Dwn By: SG

Appr. By:

Weight: 70,000 lbs.

Sheet: 1 of 2

Appr. Date:

Project: **DAWSON 4**

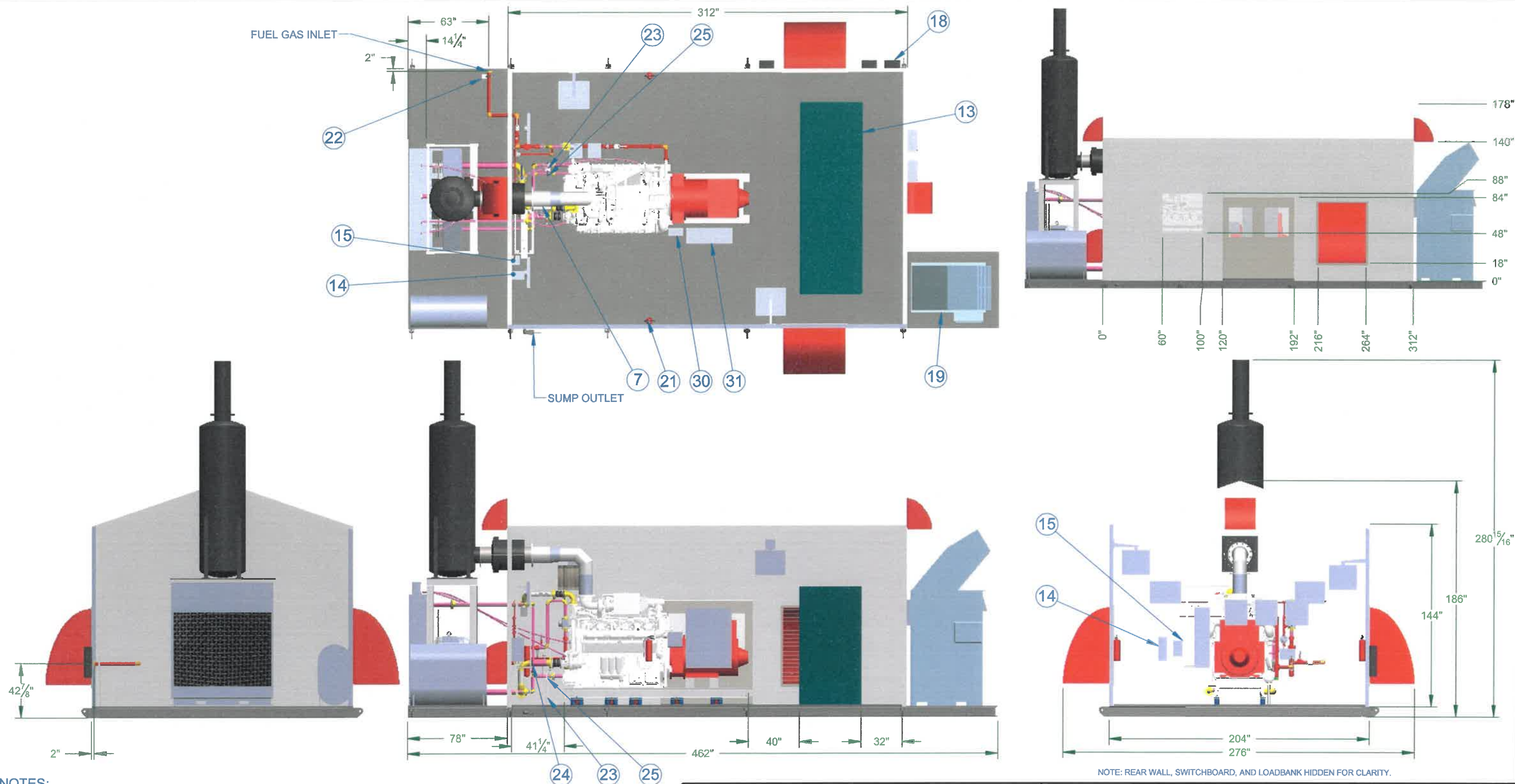
Dwg. No: **6143-MA-001**

Client: ARC Resources Ltd.

Equipment Tag: **G-0-9560**

Rev.: **5**



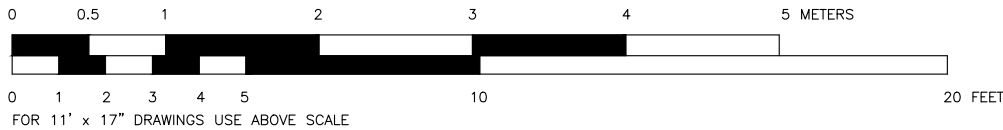


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<b>CUSTOM POWER GENERATION</b> SUITE 311 160 QUARRY PARK BLVD S.E. CALGARY, ALBERTA, T2C 3G3		<b>CW MANUFACTURING LTD</b> 53026 RR 264 Acheson, AB T7X 5A5 Telephone: (780) 948-8810 Fax: (780) 948-8825	
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<b>600 KW SKID PACKAGE</b> Date: 2017-02-08 Dwn By: SG Appr. By:		<b>DAWSON 4</b> Weight: 70,000 lbs. Sheet: 2 of 2 Appr. Date:	
<b>Equipment Tag: G-0-9560</b>		<b>6143-MA-001</b> Client: ARC Resources Ltd.	
<b>Rev.: 5</b>			








NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.
2. BEFORE ANY CONDUIT IS INSTALLED, CONTRACTOR SHALL CONFIRM ALL CLEARANCES OF EQUIPMENT AND DETERMINE BEST LOCATION FOR CONDUIT TO AVOID WALKING AREAS & MECHANICAL INTERFERENCES.
3. BUILDING IS CLASSIFIED AS GENERAL PURPOSE.
4. CONDUITS & FITTINGS ARE TO BE EMT & SIZED TO CANADIAN ELECTRICAL CODE PART I. MINIMUM SIZE TO BE 3/4".
5. ALL JUNCTION BOX ENTRIES TO UTILIZE MYERS HUB.
6. ALL POWER CABLE/WIRING SHALL HAVE MINIMUM RATING OF 600V, TW-90 XLPE INSULATION, RATED FOR -40°C MINIMUM CONDUCTOR SIZE SHALL BE #12 AWG UNLESS OTHERWISE NOTED.
7. AFTER CABLES/CONDUIT ARE INSTALLED, BUILDING ELECTRICAL CONTRACTOR SHALL SEAL ALL PENETRATIONS (ON APPROVAL BY COMPANY SITE REPRESENTATIVE) TO ENSURE A VAPOR TIGHT BARRIER.
8. EACH EXHAUST FAN TO HAVE A MOTOR RATED SWITCH c/w OL'S MOUNTED NEXT TO IT.
9. CATADYNE HEATERS TO INCLUDE 7.5m LENGTH OF SOW CABLE c/w BATTERY CLAMPS AND WALL HOOK.
10. SKID ELECTRICAL CONTRACTOR TO RUN 1/4" SS TUBING FROM LEL SENSOR TO ITS CONTROLLER FOR CALIBRATION.
11. LIGHTS WILL BE INSTALLED AND TESTED, THEN TAKEN DOWN FOR SHIPMENT. LIGHTS WILL BE PROPERLY SECURED TO EQUIPMENT AND PACKAGED INTO THEIR ORIGINAL CONTAINERS.

		<b>CUSTOMER</b> <b>POWER</b> <b>GENERATION</b>	
<b>#7, 415 - 60 AVE SE.</b> <b>CALGARY, ALBERTA, T2H 2J5</b>			
<b>53026 RR 264</b> <b>Acheson, AB</b> <b>T7X 5A5</b>		<b>Telephone:</b> <b>Ph: (780) 948-8810</b> <b>Fax: (780) 948-8825</b>	



