REV	DESCRIPTION	REV BY	REV DATE
A	SUBMITTED FOR APPROVAL	GP	15.MAR.19

NOTES:

GENERAL:
- ENCLOSURE IS DESIGNED FOR OUTDOOR USE
- ROOF HAS A 2" [51] SLOPE
- GENSET IS A CUMMINS DQKAN 2.5MW

CONSTRUCTION:
EXTERIOR WALLS & ROOF:
- ROOF & WALLS 4" [102] THICK
- EXTERIOR SKINS 12 GA. SATIN COAT
- ROOF FULLY SEAM WELDED

INTERIOR WALLS & CEILING:
- FULLY INSULATE WITH 4" [102] #4 MINERAL WOOL (R16) AND COVERED WITH 2 MIL POLY VAPOUR BARRIER
- SKIN WALLS WITH 22 GA. PERFORATED GALV. SHEETS

WEIGHTS:
- ENCLOSURE: 23,100 LBS. [10,478 KGS.]
- TANK: 22,000 LBS. [9,979 KGS.]
- GENSET (WET): 51,500 LBS. [23,360 KGS.]
- TOTAL WEIGHT : 96,600 LBS. [43,817 KGS.]

PREP AND PAINT:
- CLEAN ALL METAL TO SSPC-SP1

EXTERIOR:
- PRIME WITH INTERSEAL 670HS EPOXY (4-6 MILS DFT)
- TOP COAT WITH INTERTHANE 870 (2-4 MILS DFT)
- ENCLOSURE EXTERIOR (SPACKLE FINISH) COLOUR: TBD
- BASE COLOUR: TBD
- DEGREASE INTERIOR BEFORE SHIPPING

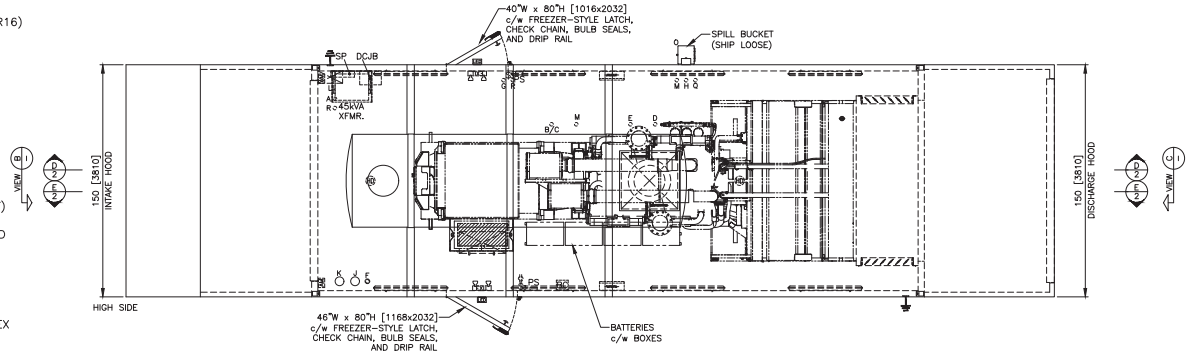
ELECTRICAL:
- ALL ELECTRICAL COMPONENTS ARE CSA LISTED
- ALL WIRING IS IN SURFACE MOUNT EMT UP TO 6' AWAY FROM THE GENSET, LIQUID TIGHT FLEX TO GENSET

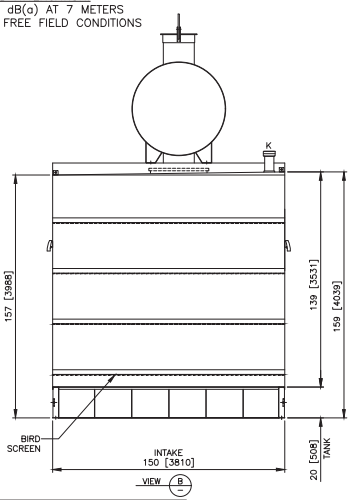
SOUND ATTENUATION:
- 70 dB(a) AT 7 METERS IN FREE FIELD CONDITIONS

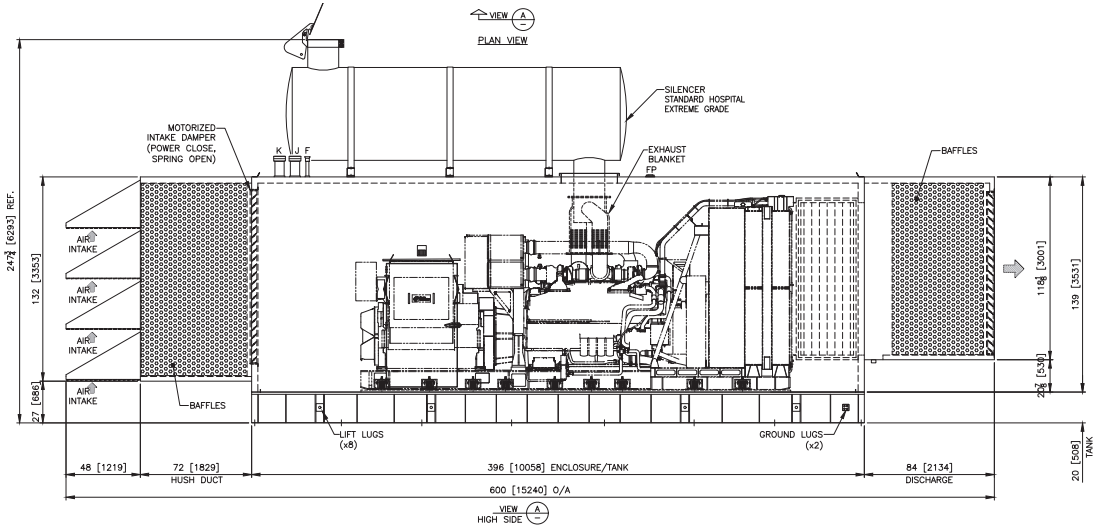
ITEM	DESCRIPTION	QTY	UOM

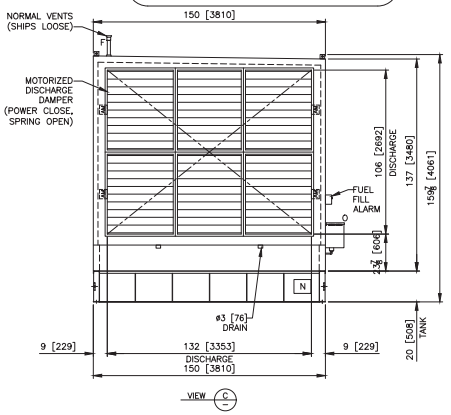
LEGEND

- LED LIGHT, 2 TUBE, FLUORESCENT, 32W VAPOUR PROOF
- 3-WAY LIGHT SWITCH, 120V, 20A
- DUPLEX RECEPTACLE, 120V, 20A
- LED EXTERIOR LIGHT c/w PHOTOCELL
- SP — SERVICE PANEL, 120/208V, 42CCT. 100A MB
- 45kVA XFMR — 45kVA, 600V-120/208V STEP-DOWN TRANSFORMER FOR SERVICE PANEL
- DCJB — DAMPER CONTROLS JUNCTION BOX
- FAN FORCED HEATER, 4kW c/w THERMOSTATIC CONTROL
- BC — BATTERY CHARGER
- AM — ACTUATOR MOTOR
- PS — PULL STATION
- HD — HEAT DETECTOR
- FP — FALL PROTECTION D-RING, WELDED IN PLACE (7000 LB. [3175kG.] WLL) ON ROOF









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METRIC EQUIVELENT TOLERANCE
LINEAR DIMENSIONS +/- 1.6 mm

UNLESS OTHERWISE NOTED:
DIMENSIONS ARE IN INCHES
LINEAR DIMENSIONS ARE ±1/16
ANGULAR DIMENSIONS ARE ±1°

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PROJECT MANAGER: RR		PROJECT No: 4119-01	SECTION: 01	REV: A	SHEET No: 1 of 5
DRAWN BY: GP	DATE: 04.MAR.19	DWG TITLE: 2.5MW GENSET ENCLOSURE G.A.			
DRAWING SCALE: 1:85	DRAWING SIZE: B	JOB NAME: AURORA SUN			
PLOTT STAMP:		CLIENT: CUMMINS WESTERN CANADA			