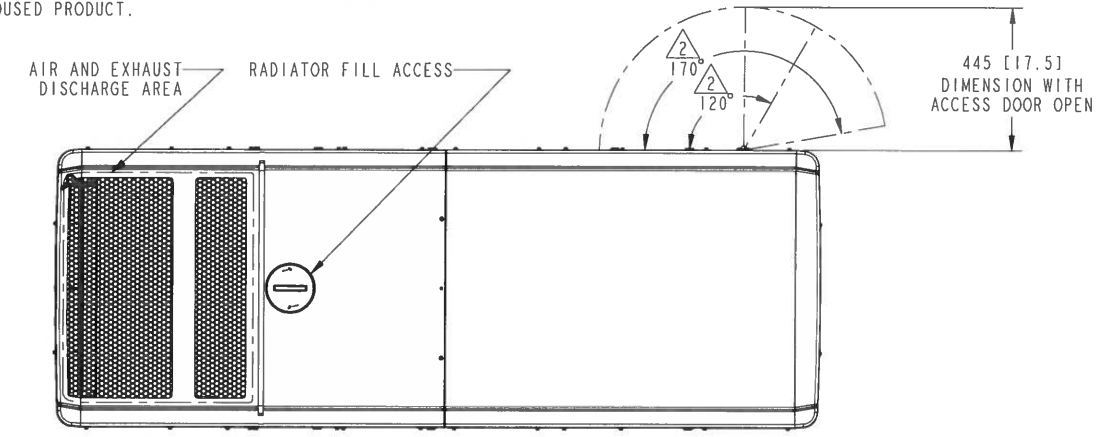


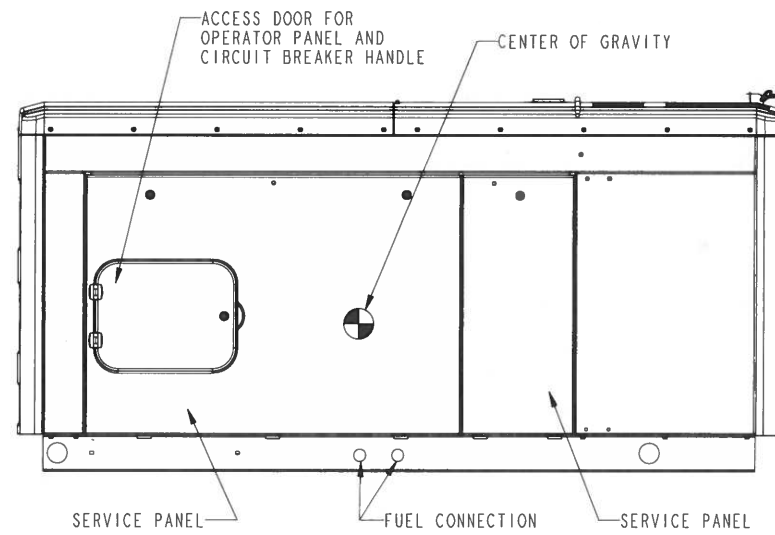
REL NO	LTR	NO	REVISION	BY	CHK	APVD	DATE
ECO-146872	D	1	ZONE B3 ADD PHRASE "MUFFLER OUTLET"	AM	RN	R_NERAD	29SEP14
		2	ZONE A2 ADD "AIR FLOW" SYMBOL	AM	RN	R_NERAD	29SEP14
		3	SECURITY CLASSIFICATION WAS "PROPRIETARY" IN MATRIX	AM	RN	R_NERAD	29SEP14

NOTES:

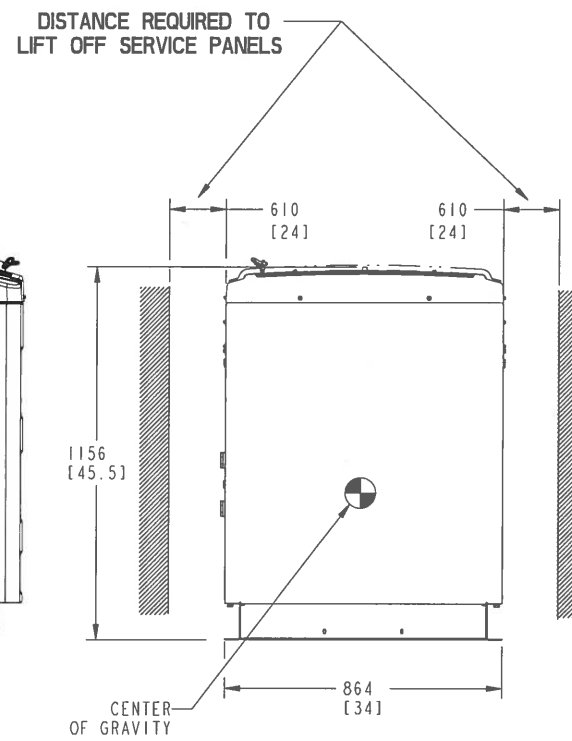
1. DIM [ ] IN INCHES
2. 120° AND 170° ARE DETENTED OPEN ANGLE FOR HINGE.
3. WHEN THE HOUSING INSTALLED ON AN OPEN GENERATOR SET, THE TOTAL WEIGHT WILL INCREASE BY 98 KG (216 LBS). THIS INCLUDES THE MUFFLER.
4. THE CENTER OF GRAVITY (CG) OF THE GENERATOR SET WHEN EQUIPPED WITH THIS HOUSING SHIFTS APPROXIMATELY 8MM (0.31 INCH) TOWARDS THE AIR DISCHARGE END OF THE HOUSING AND 38MM (1.5 INCH) HIGHER FROM THE GROUND. COMPARED TO THE EQUIVALENT NON-HOUSED PRODUCT WITH THE F179 SKID. SEE HOUSING READY SKID BASE OUTLINE DRAWING FOR CG LOCATION OF NON HOUSED PRODUCT.



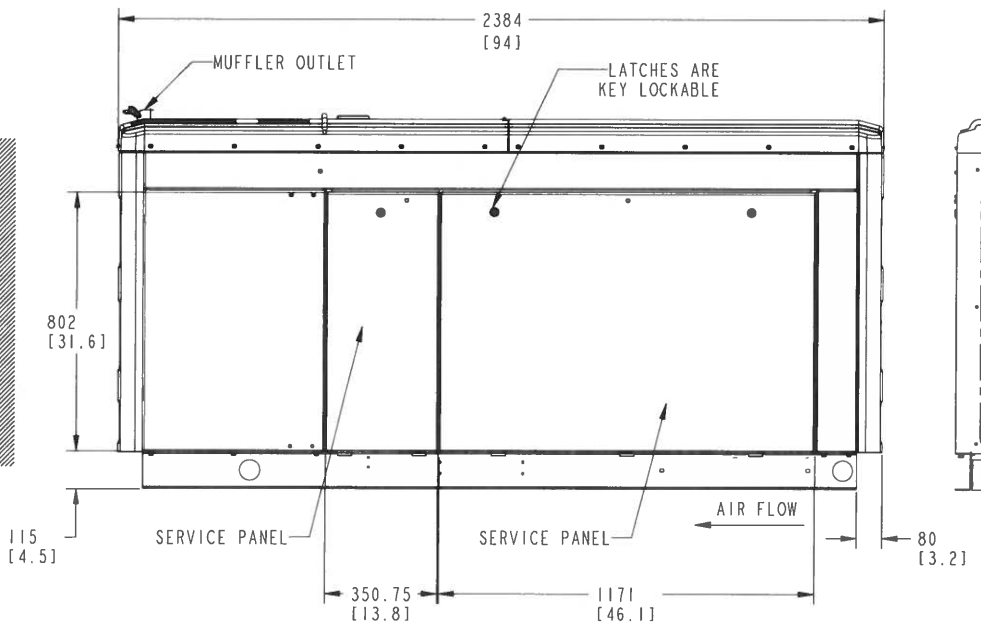
TOP VIEW



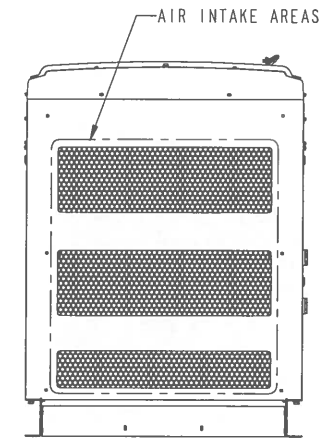
RIGHT SIDE VIEW



OUTLET VIEW



LEFT SIDE VIEW

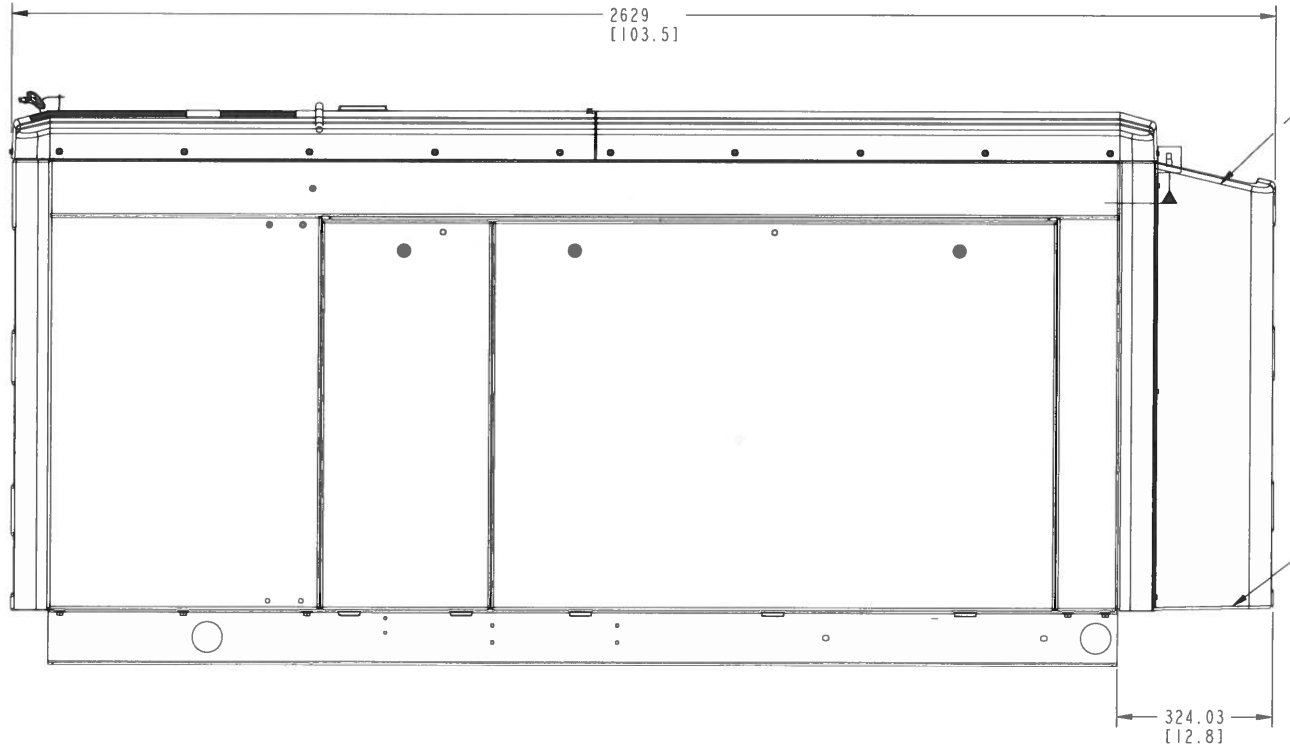
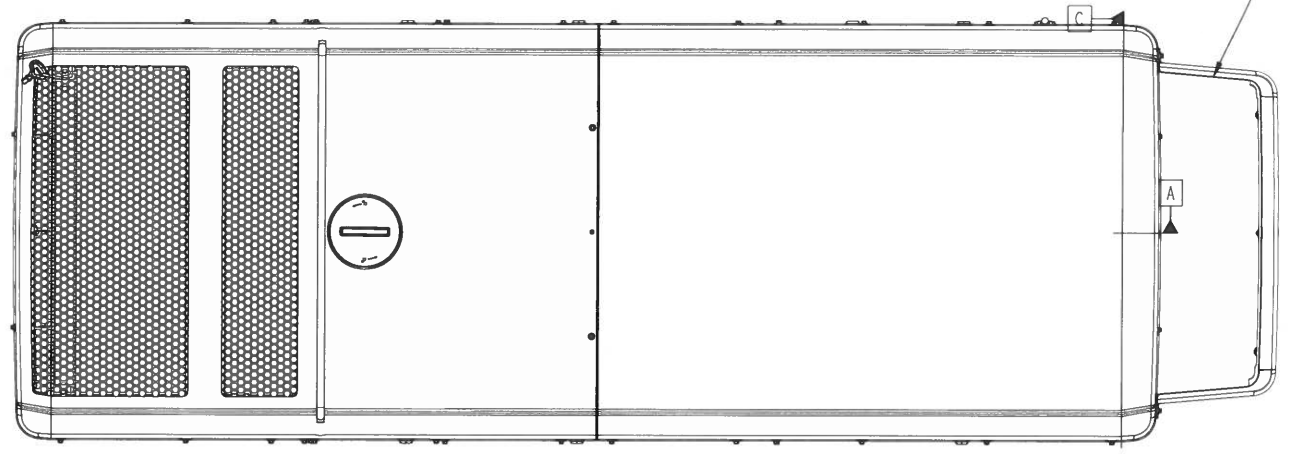


INLET VIEW

F231-2 ENCLOSURE CONFIGURATION

UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN MILLIMETERS		SIM TO NONE	BY S. GAMBIRE	CUMMINS POWER GENERATION	
DO NOT SCALE PRINT		DO NOT SCALE PRINT	CHK T. RADKE	OUTLINE, ENCLOSURE	
DATE 17 JAN 13		APVD J. MATTHEWS	DATE 17 JAN 13	SITE CODE	
ANG TOL: ± 0.5°		SCALE: 1/10	PGF	REV D	
DIM			ARROW	A043J729	
X ± 1	0.00- 4.99 +0.15/-0.00			SHEET 1 of 2	
.X ± 0.8	5.00- 9.99 +0.20/-0.10			REV D	
.XX ± 0.38	10.00-17.49 +0.25/-0.13				
	17.50-24.99 +0.30/-0.13				

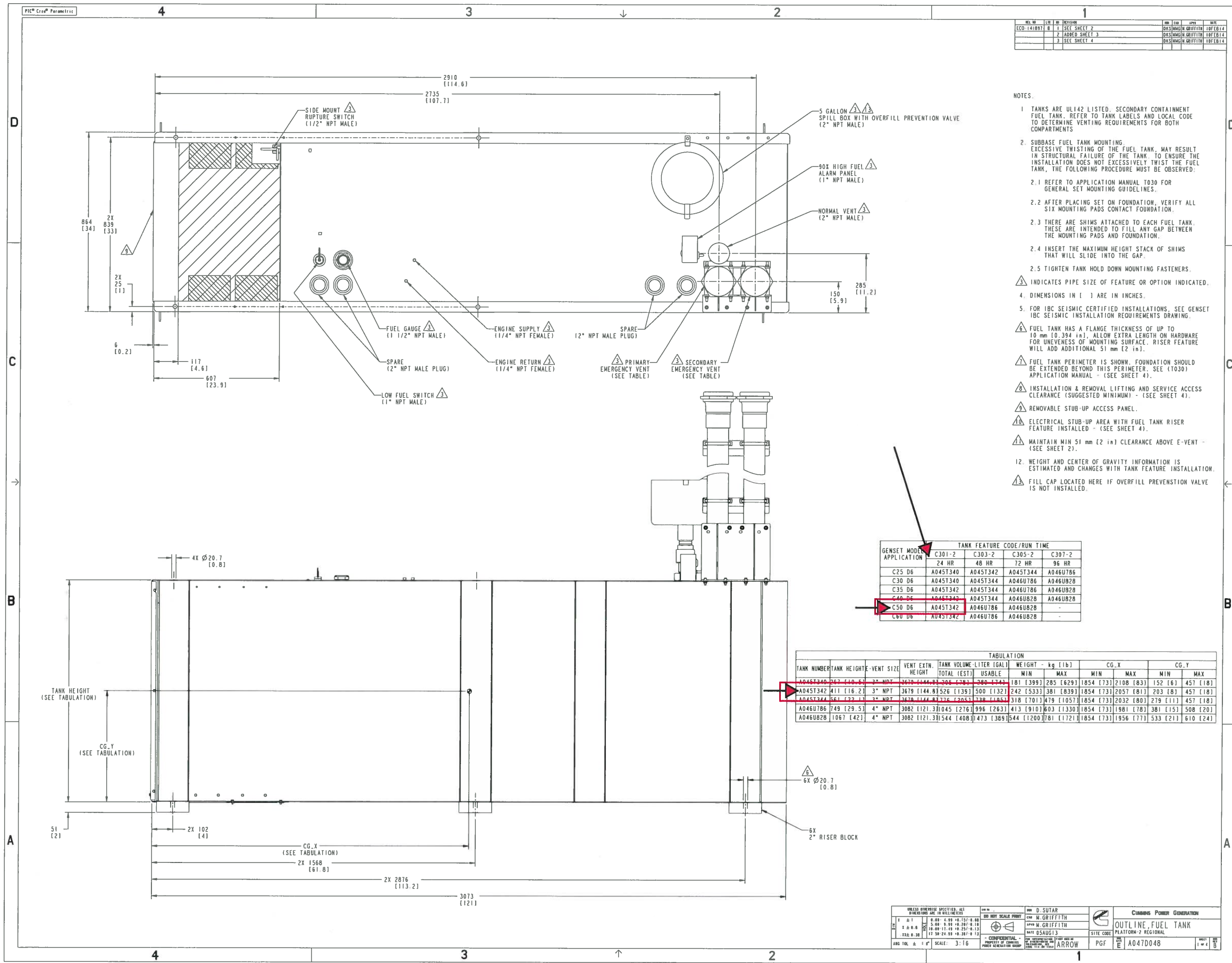
REL NO	LTR	NO	REVISION	DRW	CD	APVD	DATE
ECO-146872	D	-	---	AM	RN	R_NERADI	29SEP14



### F217-2 ENCLOSURE CONFIGURATION

REFER TO PAGE 1 (F231-2 ENCLOSURE) FOR OTHER F217-2 ENCLOSURE DIMENSIONS.

UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN MILLIMETERS		DIM TO NONE		DRW S_GAMBHIRE		CUMMINS POWER GENERATION	
DO NOT SCALE PRINT		DO NOT SCALE PRINT		CD T_RADKE		OUTLINE, ENCLOSURE	
APVD J_MATTHEWS		DATE 17 JAN 13		SITE CODE		PGF	
ANG TOL: ± 0.5°		SCALE 1/10		ARROW		D A043J729	
SHEET 2 of 2		REV D		DATE 17 JAN 13		DATE 29 SEP 14	



REV. NO.	DATE	BY	CHKD.	APPV.	DATE	
ECO-141897	B	1	SEE SHEET 2	D.S. HUNTER	M. GRIFFITH	10FEB14
		2	ADDED SHEET 3	D.S. HUNTER	M. GRIFFITH	10FEB14
		3	SEE SHEET 4	D.S. HUNTER	M. GRIFFITH	10FEB14

- NOTES:
- TANKS ARE UL142 LISTED. SECONDARY CONTAINMENT FUEL TANK. REFER TO TANK LABELS AND LOCAL CODE TO DETERMINE VENTING REQUIREMENTS FOR BOTH COMPARTMENTS.
  - SUBBASE FUEL TANK MOUNTING. EXCESSIVE TWISTING OF THE FUEL TANK, MAY RESULT IN STRUCTURAL FAILURE OF THE TANK. TO ENSURE THE INSTALLATION DOES NOT EXCESSIVELY TWIST THE FUEL TANK, THE FOLLOWING PROCEDURE MUST BE OBSERVED:
    - REFER TO APPLICATION MANUAL T030 FOR GENERAL SET MOUNTING GUIDELINES.
    - AFTER PLACING SET ON FOUNDATION, VERIFY ALL SIX MOUNTING PADS CONTACT FOUNDATION.
    - THERE ARE SHIMS ATTACHED TO EACH FUEL TANK. THESE ARE INTENDED TO FILL ANY GAP BETWEEN THE MOUNTING PADS AND FOUNDATION.
    - INSERT THE MAXIMUM HEIGHT STACK OF SHIMS THAT WILL SLIDE INTO THE GAP.
    - TIGHTEN TANK HOLD DOWN MOUNTING FASTENERS.
- INDICATES PIPE SIZE OF FEATURE OR OPTION INDICATED.
- DIMENSIONS IN [ ] ARE IN INCHES.
- FOR IBC SEISMIC CERTIFIED INSTALLATIONS, SEE GENSET IBC SEISMIC INSTALLATION REQUIREMENTS DRAWING.
- FUEL TANK HAS A FLANGE THICKNESS OF UP TO 10 mm (0.394 in). ALLOW EXTRA LENGTH ON HARDWARE FOR UNEVENNESS OF MOUNTING SURFACE. RISER FEATURE WILL ADD ADDITIONAL 51 mm (2 in).
- FUEL TANK PERIMETER IS SHOWN. FOUNDATION SHOULD BE EXTENDED BEYOND THIS PERIMETER. SEE (T030) APPLICATION MANUAL - (SEE SHEET 4).
- INSTALLATION & REMOVAL LIFTING AND SERVICE ACCESS CLEARANCE (SUGGESTED MINIMUM) - (SEE SHEET 4).
- REMOVABLE STUB-UP ACCESS PANEL.
- ELECTRICAL STUB-UP AREA WITH FUEL TANK RISER FEATURE INSTALLED - (SEE SHEET 4).
- MAINTAIN MIN 51 mm (2 in) CLEARANCE ABOVE E-VENT - (SEE SHEET 2).
- WEIGHT AND CENTER OF GRAVITY INFORMATION IS ESTIMATED AND CHANGES WITH TANK FEATURE INSTALLATION.
- FILL CAP LOCATED HERE IF OVERFILL PREVENTION VALVE IS NOT INSTALLED.

GENSET MODEL APPLICATION	TANK FEATURE CODE/RUN TIME	C301-2	C303-2	C305-2	C307-2
C25 D6	A045T340	A045T342	A045T344	A046U786	
C30 D6	A045T340	A045T344	A046U786	A046U828	
C35 D6	A045T342	A045T344	A046U786	A046U828	
C40 D6	A045T340	A045T344	A046U828	A046U828	
C50 D6	A045T342	A046U786	A046U828		
C60 D6	A045T342	A046U786	A046U828		

TANK NUMBER	TANK HEIGHT - VENT SIZE	VENT EXTN. HEIGHT	TANK VOLUME - LITER (GAL)	WEIGHT - kg (lb)		CG - X		CG - Y			
				TOTAL (EST)	USABLE	MIN	MAX	MIN	MAX		
A045T340	263 [10.7]	3" NPT	2670 [144.8]	306 [136]	300 [136]	181 [399]	285 [629]	1854 [731]	2108 [833]	152 [6]	457 [18]
A045T342	411 [16.2]	3" NPT	3679 [144.8]	526 [136]	500 [132]	242 [533]	381 [839]	1854 [731]	2057 [811]	203 [8]	457 [18]
A045T344	561 [22.1]	3" NPT	3678 [144.8]	776 [205]	778 [186]	318 [701]	479 [1057]	1854 [731]	2032 [800]	279 [11]	457 [18]
A046U786	749 [29.5]	4" NPT	3082 [121.3]	045 [276]	996 [263]	413 [910]	603 [1330]	1854 [731]	1981 [78]	381 [15]	508 [20]
A046U828	1067 [42]	4" NPT	3082 [121.3]	544 [408]	473 [389]	544 [1200]	781 [1721]	1854 [731]	1956 [77]	533 [21]	610 [24]

UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN MILLIMETERS

SCALE: 3:16

DATE: 05AUG13

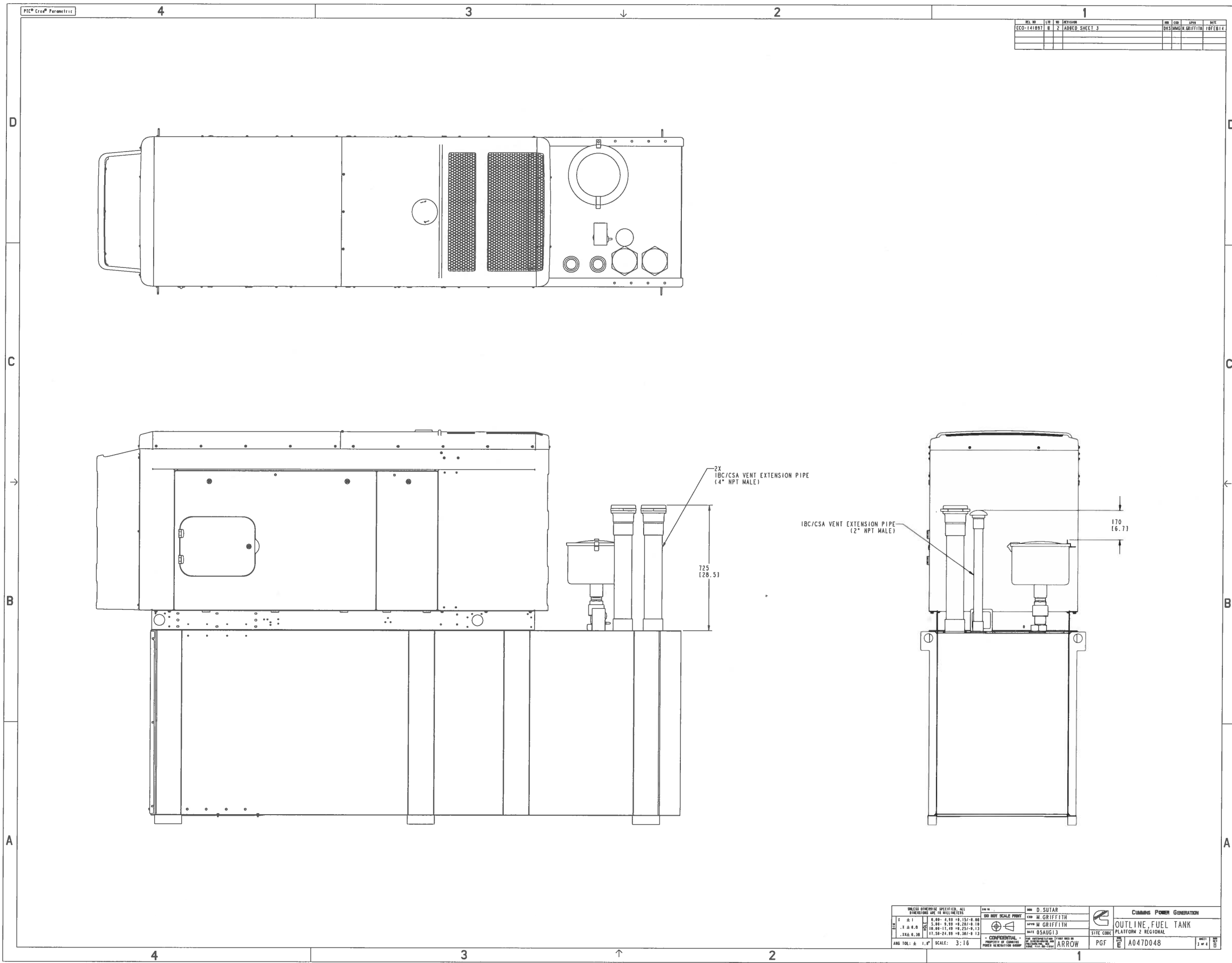
PROJECT: CUMMINS POWER GENERATION

OUTLINE FUEL TANK

PLATFORM-2 REGIONAL

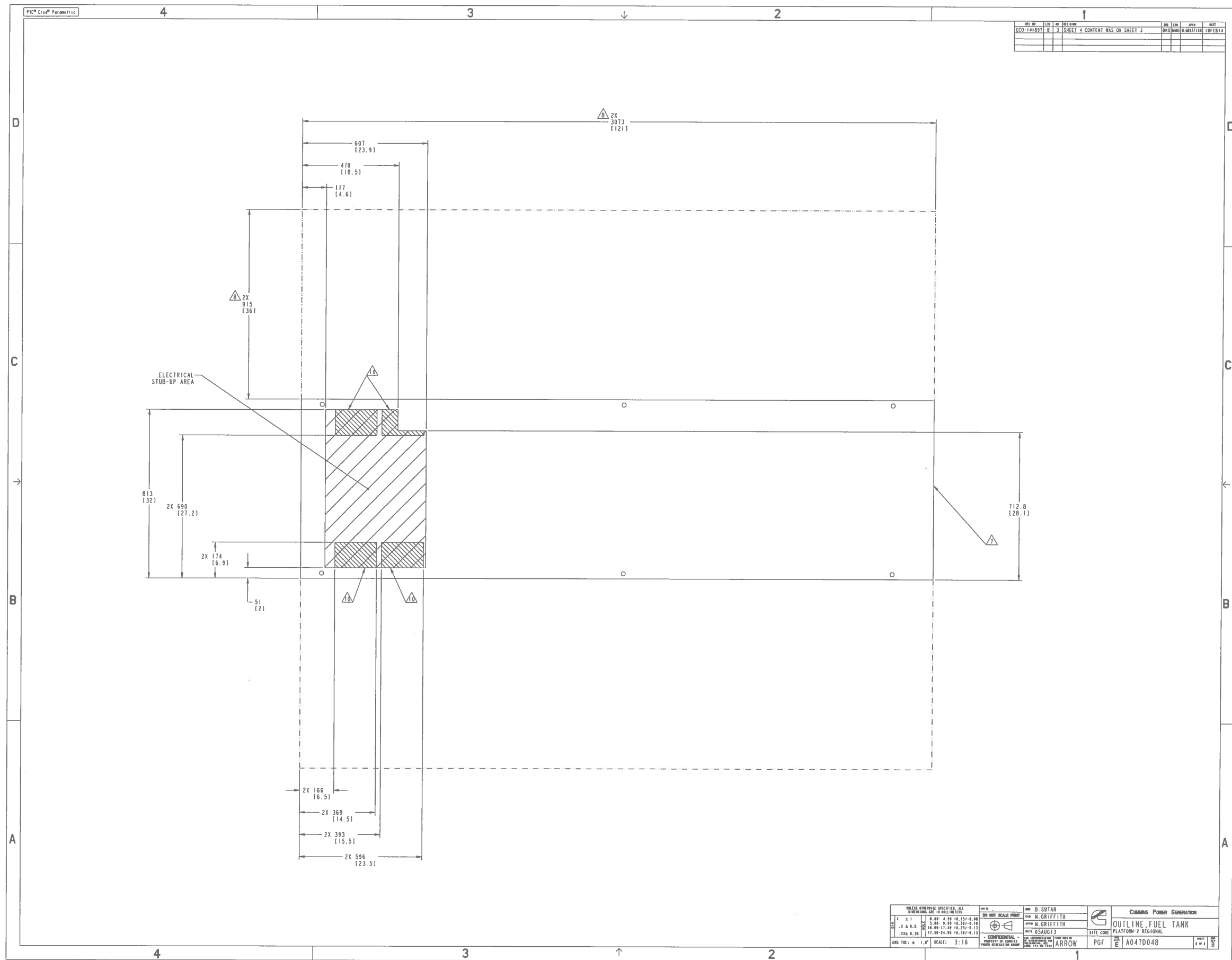
PGF

ARROW



REV. NO.	DATE	BY	CHKD.	APPV.	DATE
ECO-141897	B	Z	ADDED SHEET 3		

UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN MILLIMETERS		DESIGNED BY: D. SUTAR	DATE: 05AUG13	PROJECT: CUMMINS POWER GENERATION
SCALE: 3:16	ANG. TOL. & SURF. TOL. AS SHOWN	APPV. BY: M. GRIFFITH	DATE: 05AUG13	PROJECT: CUMMINS POWER GENERATION
PROPERTY OF: CUMMINS INCORPORATED		DATE: 05AUG13	DATE: 05AUG13	PROJECT: CUMMINS POWER GENERATION
PROPERTY OF: CUMMINS INCORPORATED		DATE: 05AUG13	DATE: 05AUG13	PROJECT: CUMMINS POWER GENERATION
PROPERTY OF: CUMMINS INCORPORATED		DATE: 05AUG13	DATE: 05AUG13	PROJECT: CUMMINS POWER GENERATION

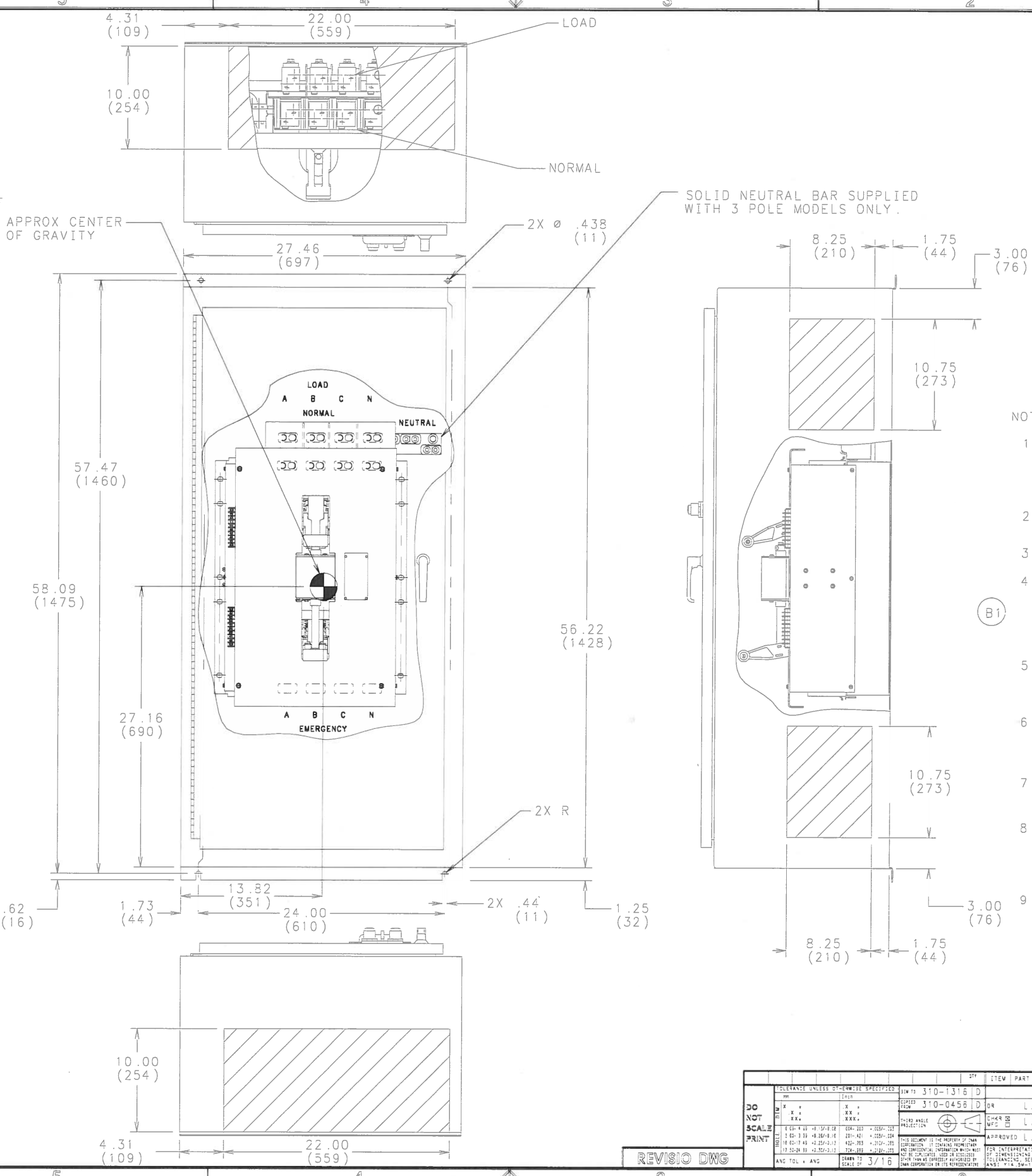
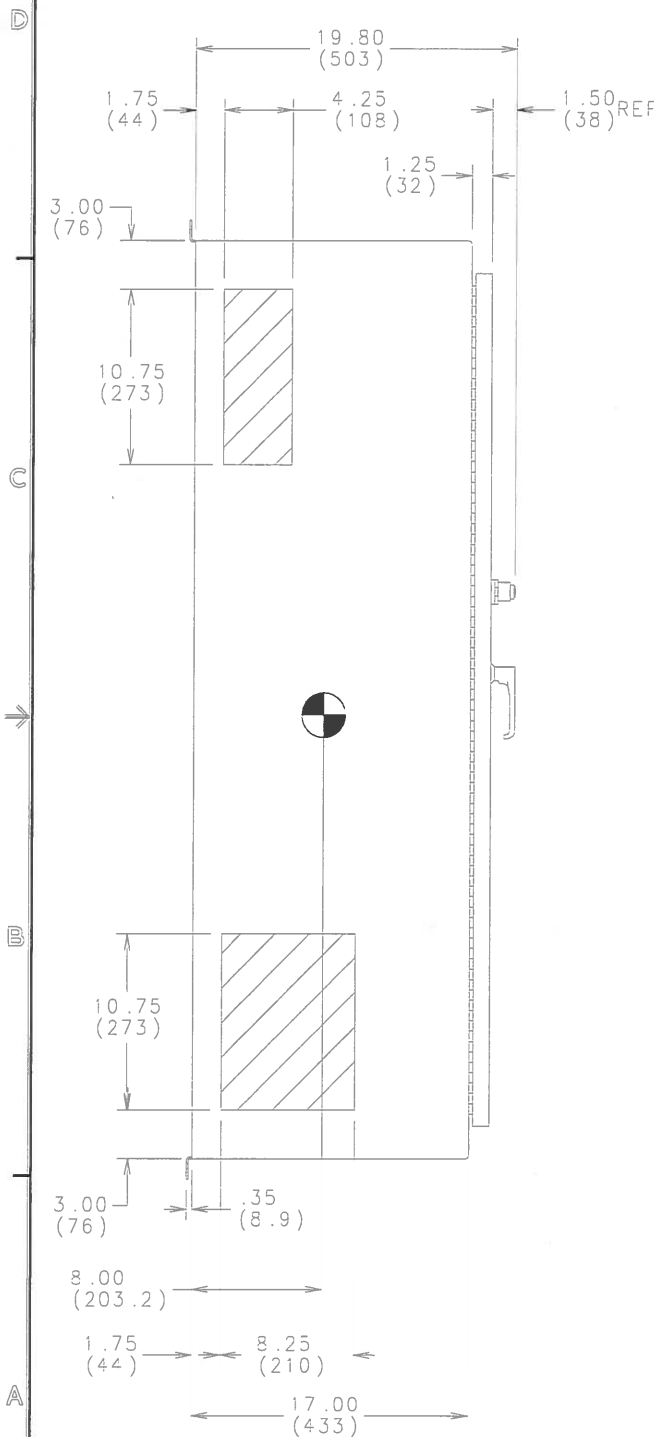


REV	NO	DATE	BY	CHKD	APPV	DATE	
ECO-14889	B	3	SHEET 4	CONTENT WAS ON SHEET J	DWS	MHG	08/17/14

UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN MILLIMETERS		DRAWN BY: D. SUTAR		PROJECT: CUMMINS POWER GENERATION	
SCALE: 3:16		CHECKED BY: M. GRIFFITH		TITLE: OUTLINE FUEL TANK	
DATE: 08/17/14		APPV: M. GRIFFITH		SITE CODE: PLATFORM 2 REGIONAL	
DRAWN BY: D. SUTAR		DATE: 08/17/14		PART NO: A047D048	
SCALE: 3:16		DATE: 08/17/14		REV: 0	

0310-1315

REV NO	DATE	REVISION	DESIGNED BY	CHECKED BY	DATE		
FRD160B	A	1	PRODUCTION RELEASE	LK	LHS	05-27-99	
FRD5274	B	1	WAS 4-250 (25-120) MCM CU-AL QTY 1	2-G	DD	LHS	104-13-00



- NOTES:
1. U.L. CABINET: TYPE 3R, OUTDOOR RAINPROOF TYPE 12, INDOOR DUSTTIGHT, DRIPTIGHT (EQUIVALENT TO NEMA 3R AND 12)
  2. APPROX WEIGHT: 290 lbs MASS: 132 kg
  3. DIMENSIONS IN ( ) ARE MILLIMETERS.
  4. LUG CAPACITY: 300,400 AMP (QTY 1 WIRE) 3/0-600 (95-240) MCM CU-AL (QTY 2 WIRES) 3/0-250 (25-120) MCM CU-AL LUG CAPACITY: 600 AMP (QTY 2 WIRES) 250-500 (120-240) MCM CU
  5. USE SEPARATE CONDUITS FOR CONTROL WIRING & POWER WIRING. DO NOT COMBINE.
  6. SHADED AREA INDICATES WIRING & CABLE ENTRANCE AREA. DO NOT INSTALL OUTSIDE OF SHADED AREA.
  7. WIRE BENDING SPACE CONFORMS TO NEC TABLE 373-6 (B).
  8. REFER TO NATIONAL ELECTRIC CODE, ARTICLE 110-16 WHICH STATES THE REQUIREMENT FOR THE MINIMUM CLEAR SPACE IN FRONT OF THIS UNIT.
  9. 4 POLE SWITCHED NEUTRAL TRANSFER SWITCH SHOWN. A SOLID NEUTRAL BAR IS PROVIDED WITH 3 POLE TRANSFER SWITCHES.

3 AND 4 POLE

REVISIO DWG

DO NOT SCALE PRINT	TOLERANCE UNLESS OTHERWISE SPECIFIED	REV TO 310-1316	REV	ITEM	PART NO.	DATE	DESCRIPTION OR MATERIAL
		310-045B	D				
				DESIGNED BY	L. KAPLAN	05-25-99	
				CHECKED BY	L. SWITH	05-25-99	
				APPROVED BY	L. SWITH	05-25-99	
				MODEL FIRST USED ON	OTPC 300-600 A		



MINNEAPOLIS, MINNESOTA 55432  
**OUTLINE-CONTROL BOX**  
 0310-1315