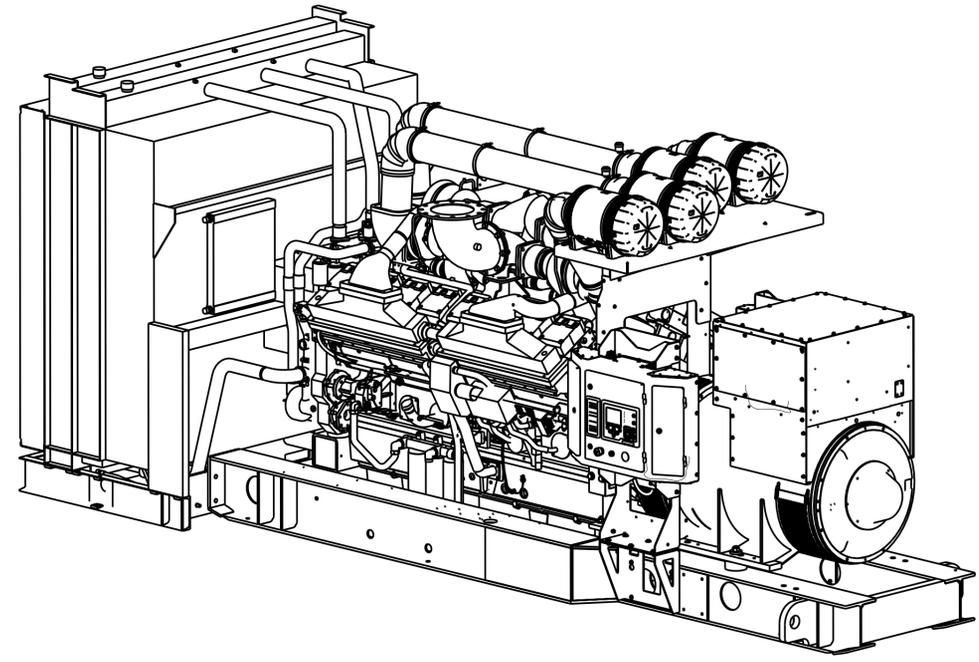




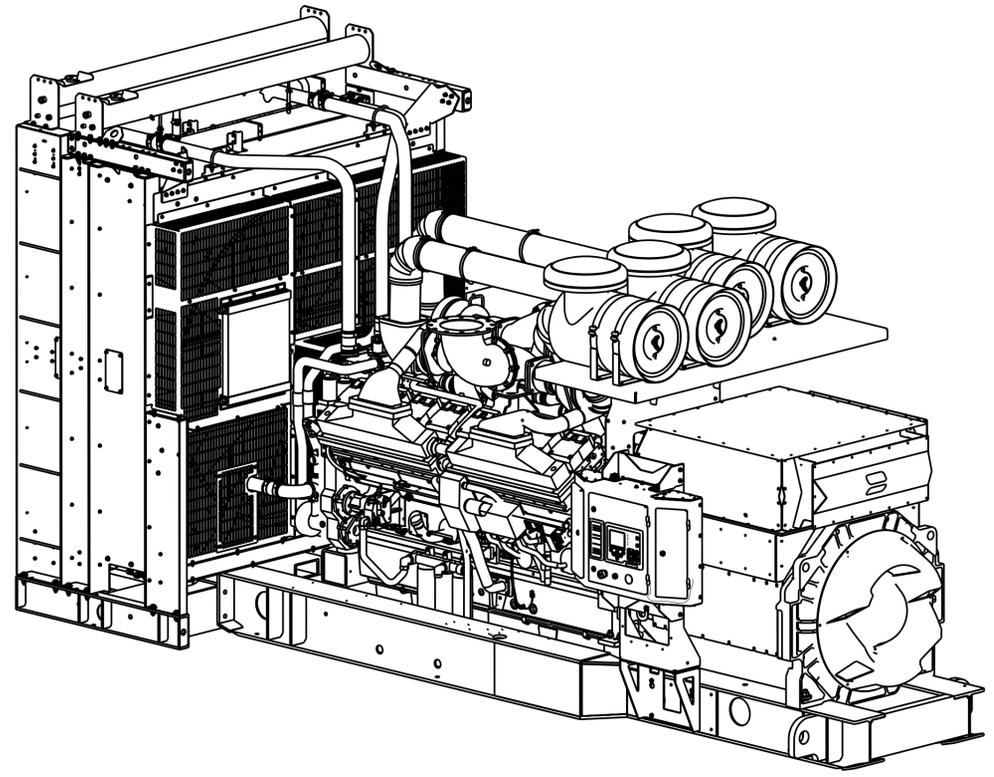
REL NO	REV NO	REVISION	DWN	CHKR	APVD	DATE
ECO-183591	D	1 SEE SHEET 2	JBP	VSH	M.CARTWRIGHT	07FEB19
	2	SEE SHEET 3	JBP	VSH	M.CARTWRIGHT	07FEB19
	3	SEE SHEET 4	JBP	VSH	M.CARTWRIGHT	07FEB19
	4	SEE SHEET 4	JBP	VSH	M.CARTWRIGHT	07FEB19
	5	SEE SHEET 4	JBP	VSH	M.CARTWRIGHT	07FEB19

NOTES:

- GENSET SHIPPED WITH OIL.
- SEE MODEL DATA SHEETS FOR SPECIFIC COOLING PERFORMANCE DATA.
- REFER TO SHEET 9 FOR C OF G TABULATION.
- SEE DRAWING A051G604 FOR LIFTING OPTIONS.
- EXHAUST BELLOWS AND AIR CLEANER ASSEMBLY ARE SHIPPED LOOSE.
- FOR CUSTOMER ELECTRICAL INTERFACE DRAWING REFER TO DRAWING NO. A050T378 (AC&DC INTERFACE).
- BATTERY LEADS FITTED TO THE STARTERS - FOR CONNECTION DETAILS SEE THE BATTERY INSTALLATION DRAWING NO.0416-1063.



GENSET	ENGINE	ALTERNATOR (SHTS 2, 3, 7, 8)	RADIATOR (SHT 5)	AIR CLEANER (SHT 6)
C1760D5e	GS3	P7D	40°C	NORMAL DUTY HEAVY DUTY
C2000D5	G3	P7F P80MVR P80HVR	40°C 50°C	NORMAL DUTY HEAVY DUTY
C2000D5e	GS3	P7F P80MVR P80HVR	40°C	NORMAL DUTY HEAVY DUTY
C2000D6	G6	P7F P80MVR P80HVR	40°C 50°C	NORMAL DUTY HEAVY DUTY
C2250D5	G4	P7G P80MVR P80HVR P80HVS	40°C 50°C	NORMAL DUTY HEAVY DUTY
C2250D6A	G9	P7G P80LVR P80MVR P80HVR	40°C	NORMAL DUTY
C2500D5A	G8	P80LVR P80MVR P80HVS	40°C	NORMAL DUTY

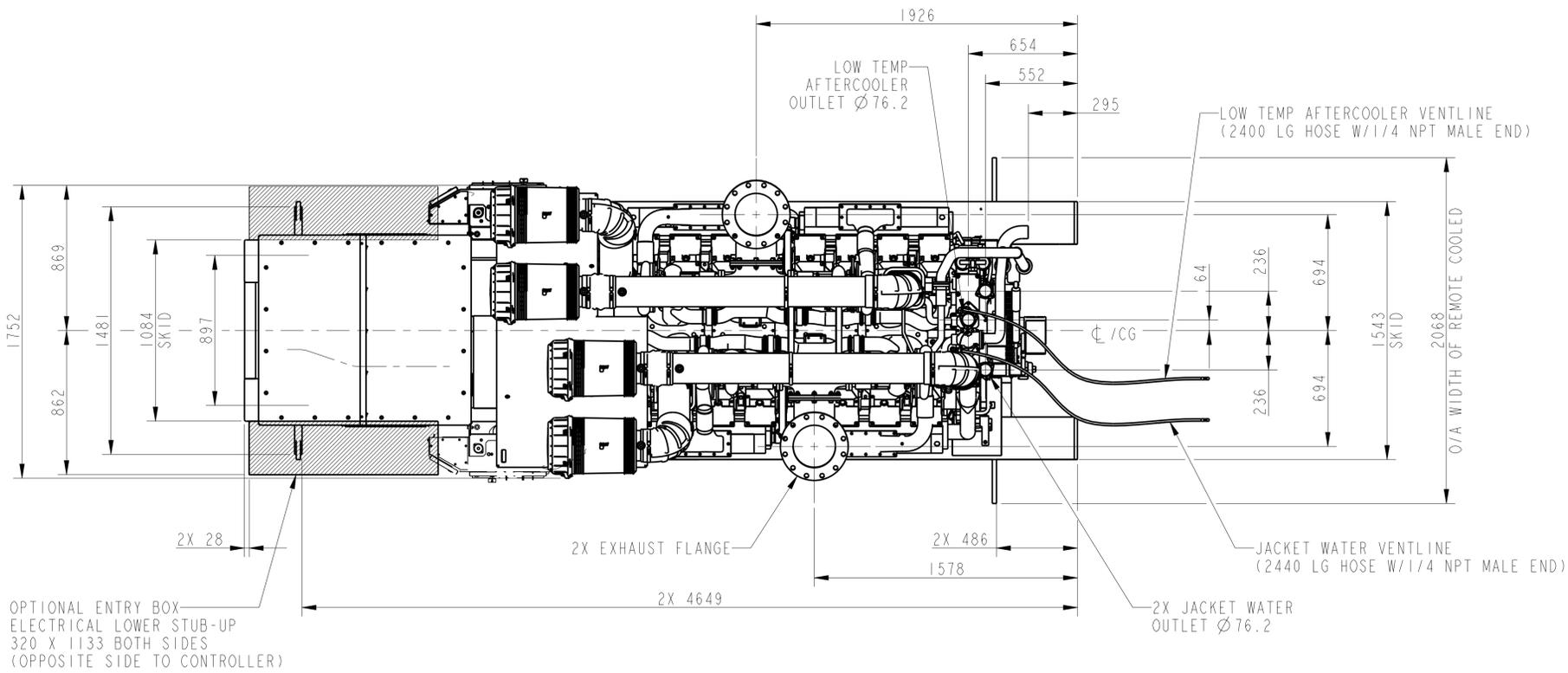


SHEET NO.	VIEW INDEX
2	GENERIC DIMENSIONS - BASE UNIT & REMOTE COOLED CONNECTIONS - P7 ALTERNATOR, NORMAL DUTY AIR CLEANER
3	GENERIC DIMENSIONS - BASE UNIT & REMOTE COOLED CONNECTIONS - P80 ALTERNATOR, HEAVY DUTY AIR CLEANER
4	FUEL SUPPLY AND RETURN CONNECTIONS, UNDERSIDE, AVM POSITIONS & LIFTING EYES
5	RADIATOR OPTION DETAILS
6	AIR CLEANER DETAILS
7	ALTERNATOR DETAILS - P7
8	ALTERNATOR DETAILS - P80
9	WEIGHT & CoFg DATA

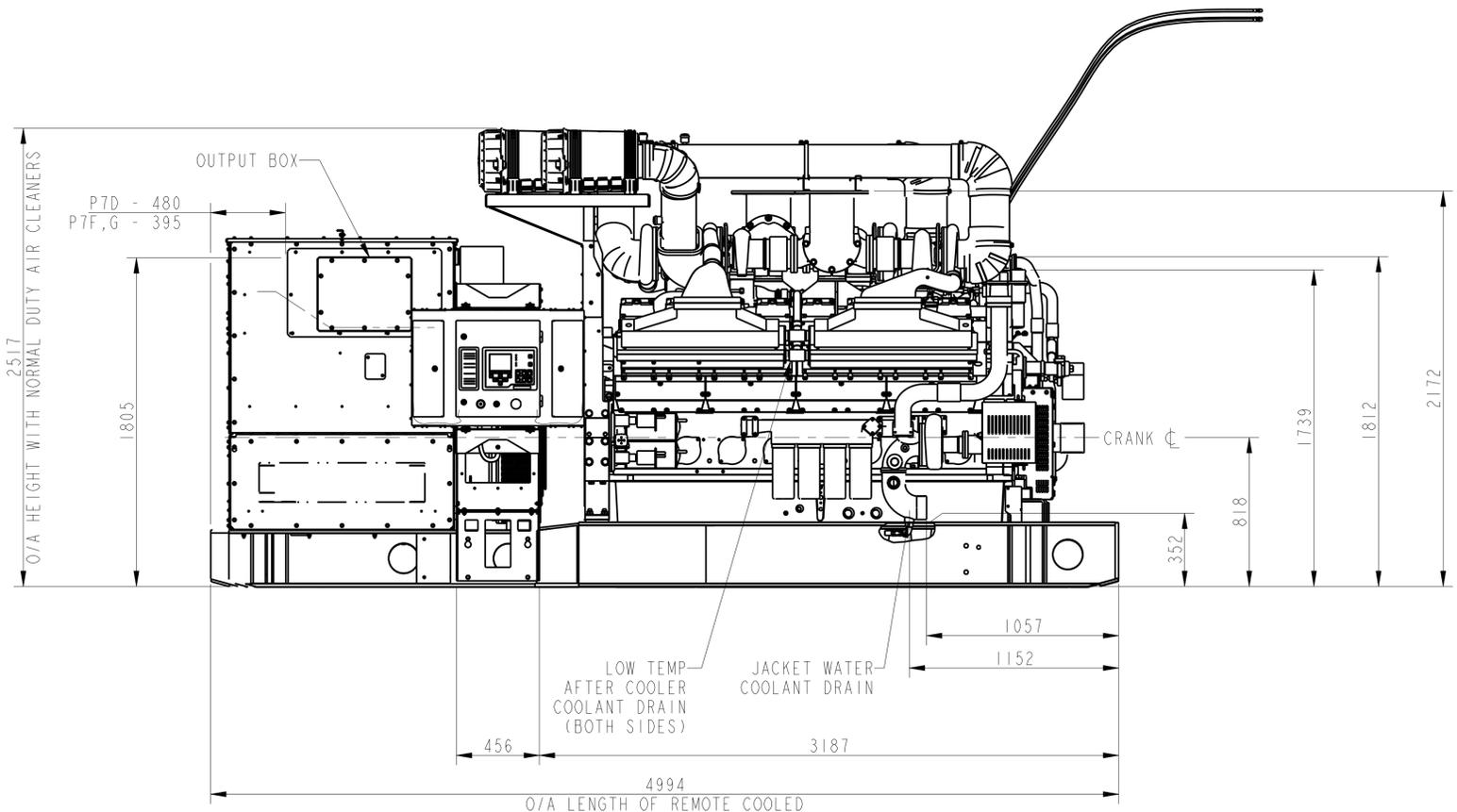
DO NOT SCALE PRINT	TOLERANCE UNLESS STATED ALL DIMENSIONS IN MM	SIM TO N/A	DRAWN K. ADAMS		CUMMINS POWER GENERATION
	DIM X ± 3 Y, Z ± 1 X, Y, Z ± 0.5	CHECKED T. PETTMAN	APPR M. KENYON		
ANG TOL ± 1.0°	0.00 - 4.99 +0.10/-0.08 5.00 - 9.99 +0.20/-0.10 10.00 - 14.99 +0.25/-0.13 15.00 - 24.99 +0.30/-0.15	THIRD ANGLE PROJECTION	DATE 26 JAN 16	SITE CODE	TITLE OUTLINE, GENSET
DRAWN TO SCALE OF 1:40	THIS DOCUMENT IS THE PROPERTY OF CUMMINS INC. AND SHALL NOT BE DISCLOSED TO OTHERS IN HARD COPY OR ELECTRONIC FORM, REPRODUCED BY ANY MEANS, OR USED FOR ANY PURPOSE WITHOUT WRITTEN CONSENT OF CUMMINS INC.	FOR INTERPRETATION OF DIMENSIONS AND TOLERANCES SEE: 83-8888	FIRST USED ON QSK60	PGK DWG SIZE A1	DWG NO A052V600

REL NO	REV NO	REVISION	DWN	CHGR	APVD	DATE
ECO-183591	D	ZONE C3, DIM 2068 O/A WIDTH OF REMOTE COOLED WAS 2006 O/A WIDTH OF REMOTE COOLED	JBP	VSH	M. CARTWRIGHT	07FEB19

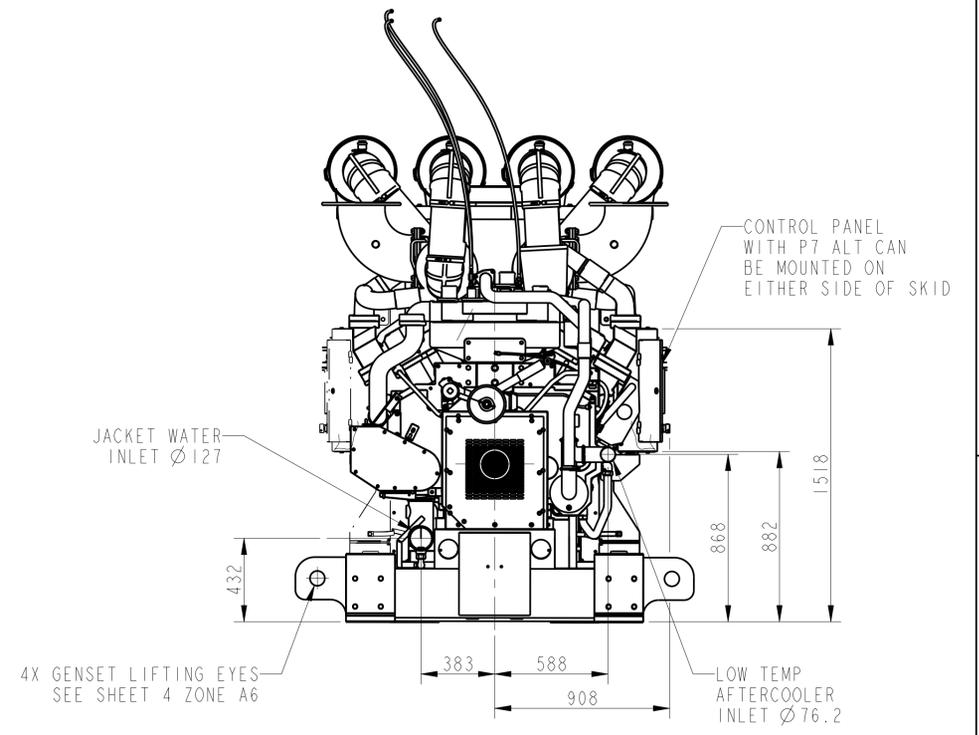
GENERIC DIMENSIONS - BASE UNIT & REMOTE COOLED CONNECTIONS - P7 ALTERNATOR, NORMAL DUTY AIR CLEANER



OPTIONAL ENTRY BOX - ELECTRICAL LOWER STUB-UP 320 X 1133 BOTH SIDES (OPPOSITE SIDE TO CONTROLLER)



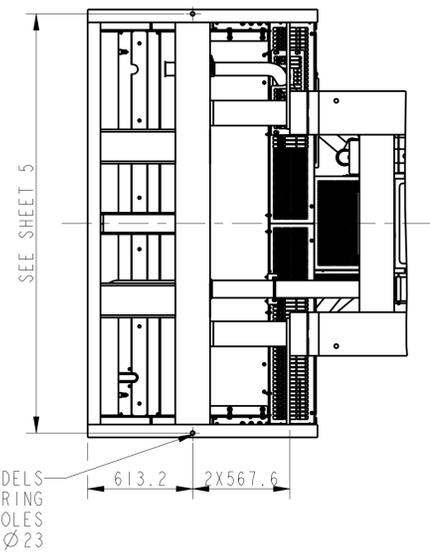
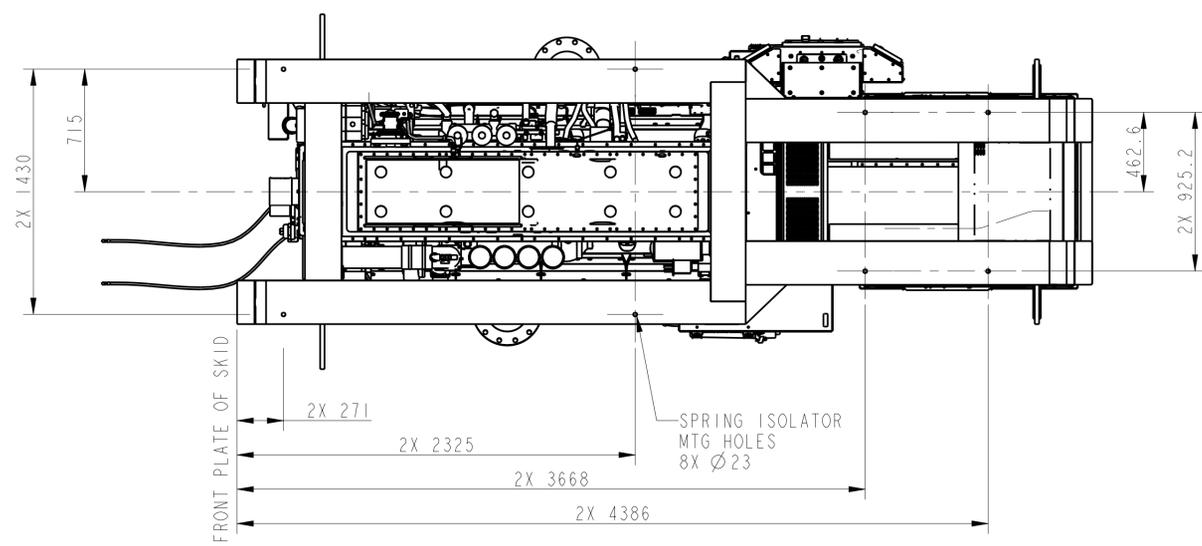
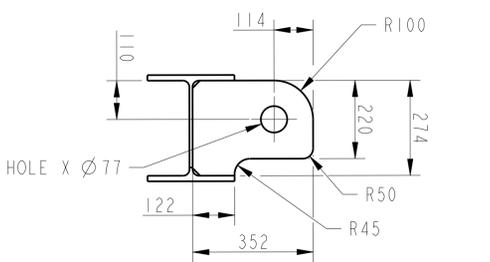
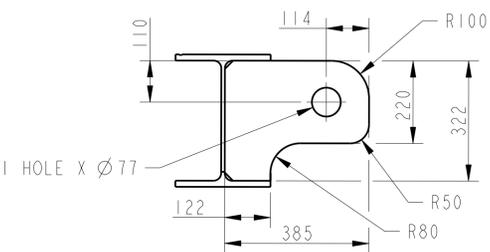
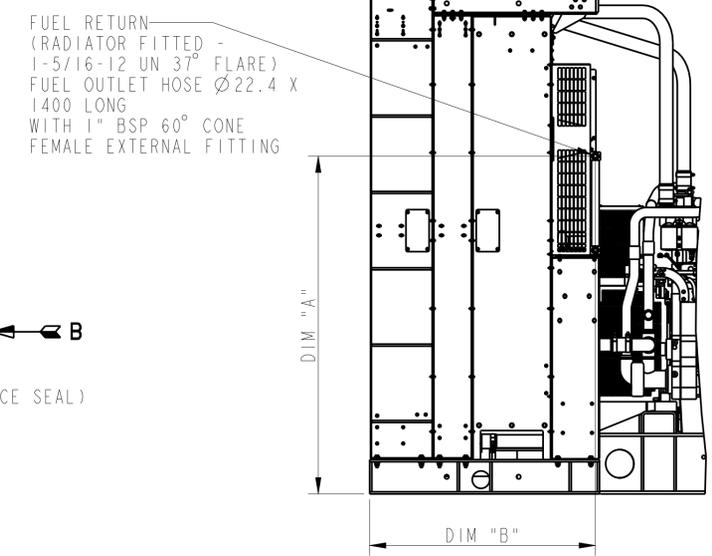
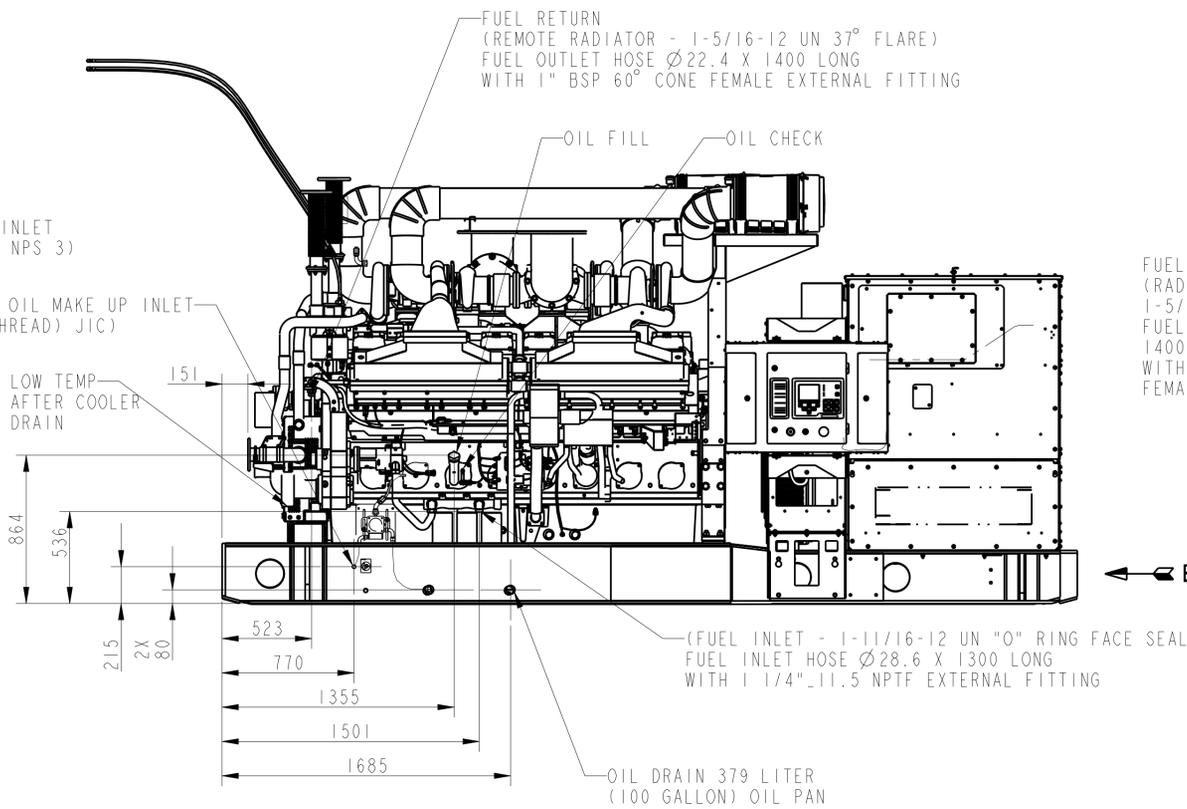
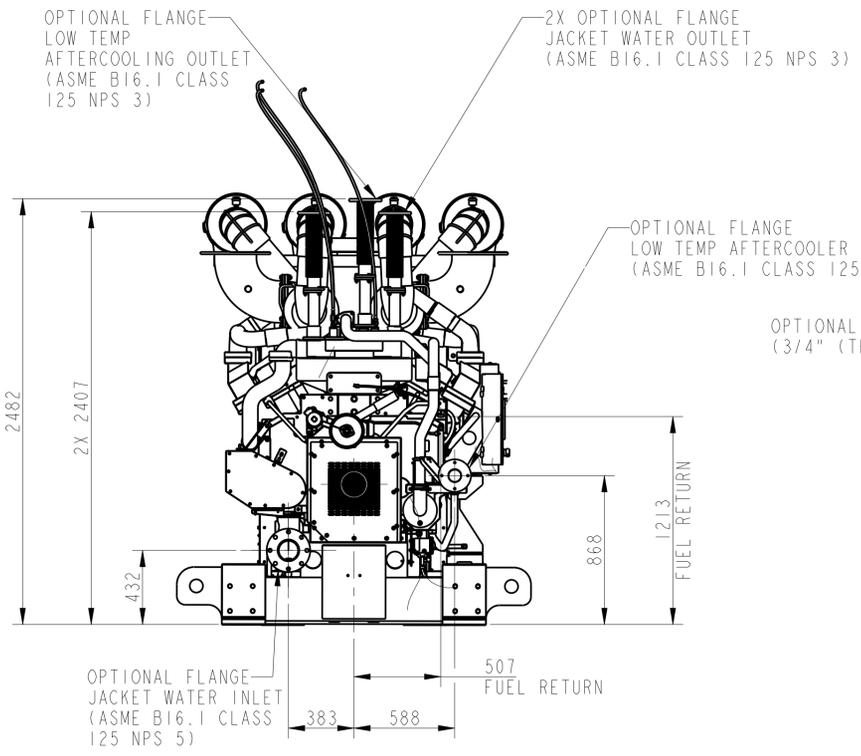
O/A HEIGHT WITH NORMAL DUTY AIR CLEANERS



DO NOT SCALE PRINT	TOLERANCE UNLESS STATED ALL DIMENSIONS IN MM	SIM TO	N/A	DRAWN	K. ADAMS		CUMMINS POWER GENERATION											
	<table border="1"> <tr> <th>DIM</th> <th>ANGLE</th> <th>PROJECTION</th> </tr> <tr> <td>X ± 3</td> <td>N/A</td> <td>THIRD ANGLE</td> </tr> <tr> <td>X, X₁ ± 1</td> <td></td> <td></td> </tr> <tr> <td>X, X₂ ± 0.5</td> <td></td> <td></td> </tr> </table>	DIM	ANGLE	PROJECTION	X ± 3			N/A	THIRD ANGLE	X, X ₁ ± 1			X, X ₂ ± 0.5			FROM	N/A	CHECK
DIM	ANGLE	PROJECTION																
X ± 3	N/A	THIRD ANGLE																
X, X ₁ ± 1																		
X, X ₂ ± 0.5																		
ANG TOL ± 1.0°	<table border="1"> <tr> <td>0.00 - 4.99</td> <td>+0.15/-0.08</td> </tr> <tr> <td>5.00 - 9.99</td> <td>+0.20/-0.10</td> </tr> <tr> <td>10.00 - 14.99</td> <td>+0.25/-0.13</td> </tr> <tr> <td>15.00 - 24.99</td> <td>+0.30/-0.15</td> </tr> </table>	0.00 - 4.99	+0.15/-0.08	5.00 - 9.99	+0.20/-0.10	10.00 - 14.99	+0.25/-0.13	15.00 - 24.99	+0.30/-0.15	DATE	26 JAN 16	APPR	M. KENYON	SITE CODE				
0.00 - 4.99	+0.15/-0.08																	
5.00 - 9.99	+0.20/-0.10																	
10.00 - 14.99	+0.25/-0.13																	
15.00 - 24.99	+0.30/-0.15																	
DRAWN TO SCALE OF 1:40	<p>THIS DOCUMENT IS THE PROPERTY OF CUMMINS INC. IT IS TO BE USED ONLY FOR THE PURPOSES SPECIFIED HEREIN. IT IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, OR USED FOR ANY PURPOSES WITHOUT WRITTEN CONSENT OF CUMMINS INC.</p>	DATE	26 JAN 16	FOR INTERPRETATION OF DIMENSIONS AND TOLERANCES SEE SHEET 4 ZONE A6	FIRST USED ON	PGK	DWG NO. A052V600											
					OSK60	DWG SIZE	2 of 9											

FUEL SUPPLY AND RETURN CONNECTIONS, UNDERSIDE, AVM POSITIONS & LIFTING EYES

REL NO	REV NO	REVISION	DWN	CHGR	APVD	DATE
ECO-183591	D	3 ZONE A5, RMV VIEW VIEW IN DIRECTION OF ARROW B GENSET LIFTING EYES	JBP	VSH	M.CARTWRIGHT	07FEB19
		4 ZONE A6, ADD VIEW ALTERNATOR END	JBP	VSH	M.CARTWRIGHT	07FEB19
		5 ZONE B6, ADD VIEW ENGINE END	JBP	VSH	M.CARTWRIGHT	07FEB19



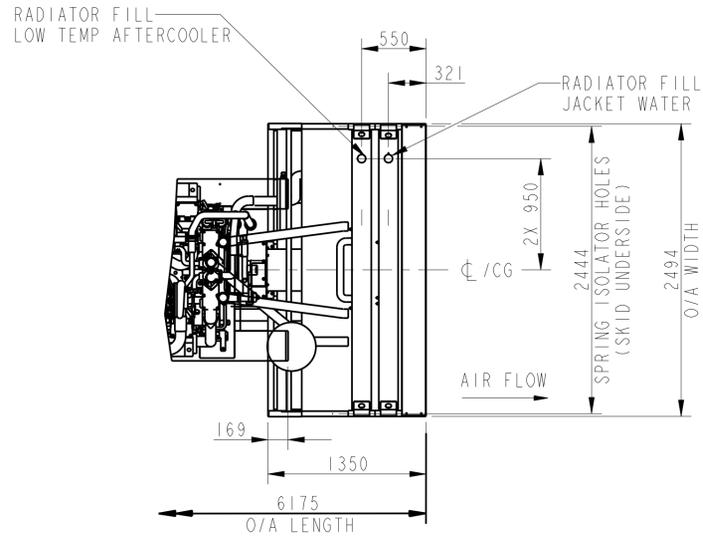
DIM	GENSET MODELS AND RADIATOR TEMPERATURE									
	C1760D5e (40°C)	C2000D5 (40°C)	C2000D5 (50°C)	C2000D5e (40°C)	C2000D6 (40°C)	C2000D6 (50°C)	C2250D5 (40°C)	C2250D5 (50°C)	C2250D6A (40°C)	C2500D5A (40°C)
DIM "A"	1962.2	1792.3	1969	1962.2	1792.3	1969	1792.3	1969	1969	1969
DIM "B"	1216.9	1216.9	1318	1216.9	1216.9	1318	1216.9	1318	1318	1318

VIEW IN DIRECTION OF ARROW B GENSET LIFTING EYES

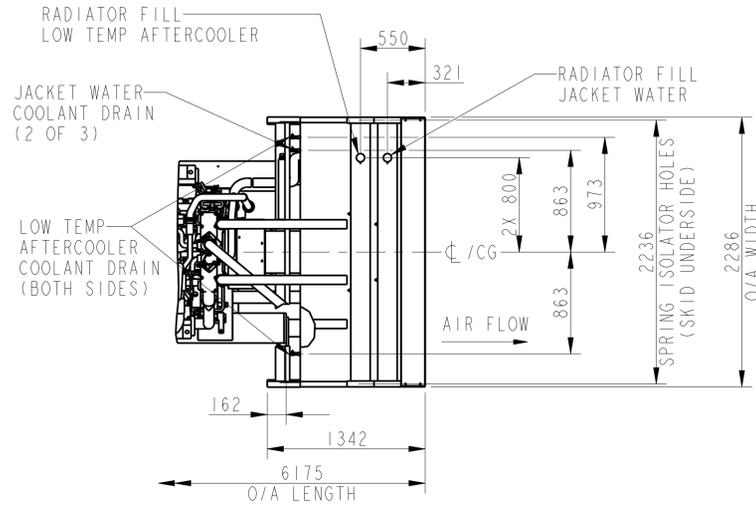
DO NOT SCALE PRINT	TOLERANCE UNLESS STATED ALL DIMENSIONS IN MM	SIM TO	N/A	DRAWN	K. ADAMS		CUMMINS POWER GENERATION	
	DIM X ± 0.3 X ± 0.5 X ± 1	C/PTD N/A THIRD ANGLE PROJECTION	CHECK T. PETTMAN APPR M. KENYON	DATE 26 JAN 16	TITLE OUTLINE, GENSET			
ANG TOL ± 1.0°	0.00 - 4.99 +0.10/-0.08 5.00 - 9.99 +0.20/-0.10 10.00 - 24.99 +0.25/-0.15 25.00 - 99.99 +0.30/-0.15	THIS DOCUMENT IS THE PROPERTY OF CUMMINS INC. AND SHALL NOT BE DISCLOSED TO OTHERS IN ANY FORM OR BY ANY MEANS, OR USED FOR ANY PURPOSE WITHOUT WRITTEN CONSENT OF CUMMINS INC.	FOR INTERPRETATION OF DIMENSIONS AND TOLERANCES SEE:	FIRST USED ON QSK60	SITE CODE PKG	DWG SIZE A1	DWG NO A052V600	CAB SHEET 4 OF 9

RADIATOR OPTION DETAILS

40°C RADIATOR
C1760D5e, C2000D5e

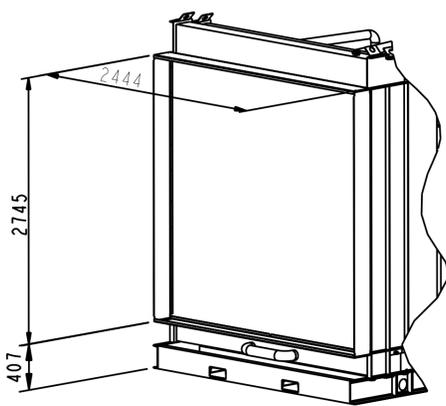
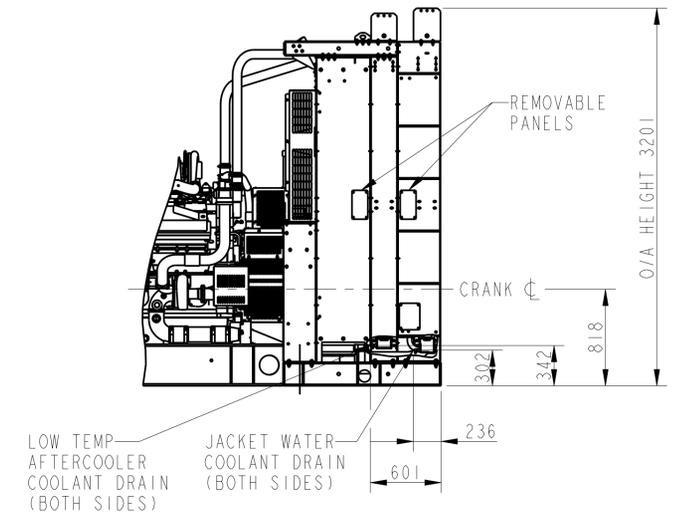
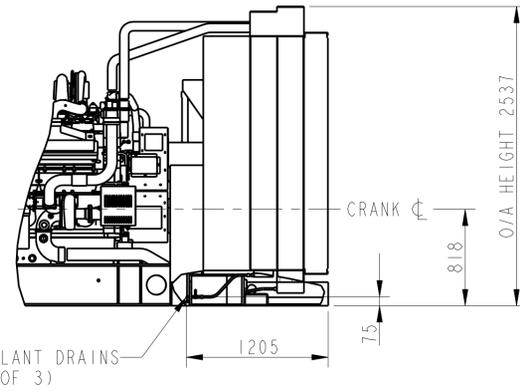
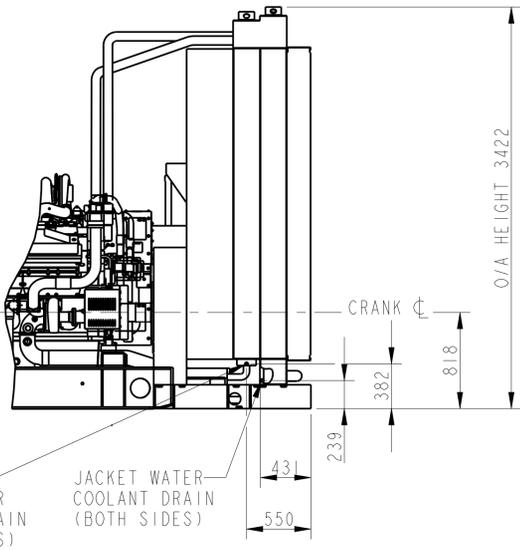
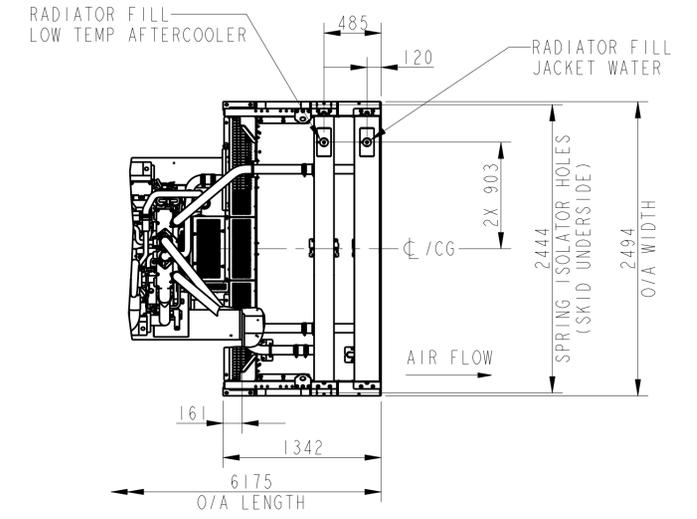


40°C RADIATOR
C2000D5, C2000D6, C2250D5

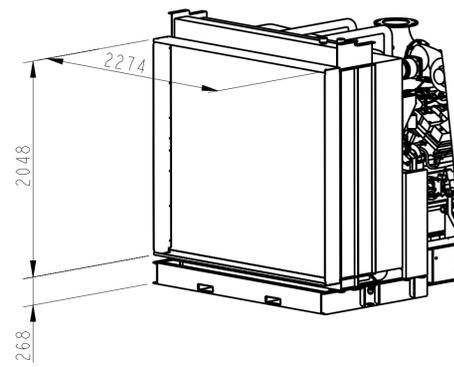


40°C RADIATOR
C2250D6A, C2500D5A

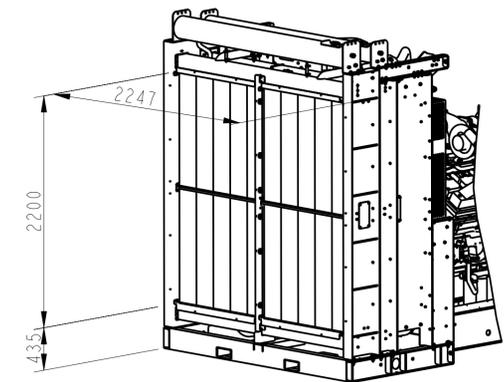
50°C RADIATOR
C2000D5, C2000D6, C2250D5



DUCT ADAPTER DIMENSIONS



DUCT ADAPTER DIMENSIONS



DUCT ADAPTER DIMENSIONS

DO NOT SCALE PRINT	TOLERANCE UNLESS STATED ALL DIMENSIONS IN MM	SIM TO N/A	DRAWN K. ADAMS		CUMMINS POWER GENERATION
	DIM X ± 3 X, X ₁ ± 1 X, X ₂ ± 0.5	C/PTD FROM N/A THIRD ANGLE PROJECTION	CHECK T. PETTMAN APPR M. KENYON		
ANG TOL ± 1.0°	0.00 - 4.99 +0.10/-0.08 5.00 - 9.99 +0.20/-0.10 10.00 - 24.99 +0.25/-0.15 25.00 - 99.99 +0.30/-0.15	THIS DOCUMENT IS THE INTELLECTUAL PROPERTY OF CUMMINS INC. AND SHALL NOT BE DISCLOSED TO OTHERS IN HARD COPY OR ELECTRONIC FORM, REPRODUCED BY ANY MEANS, OR USED FOR ANY PURPOSE WITHOUT WRITTEN CONSENT OF CUMMINS INC.	DATE 26 JAN 16	FOR INTERPRETATION OF DIMENSIONS AND TOLERANCES, SEE QSK60	FIRST USED ON QSK60
DRAWN TO SCALE OF 1:40				SITE CODE PKG DWG SIZE DWG NO A052V600	TITLE OUTLINE, GENSET CAB SHEET 5 of 9



REL NO	REV NO	REVISION	DWN	CHRR	APVD	DATE
ECO-183591	D	---	JBP	VSH	M. CARTWRIGHT	07 FEB 19

AIR CLEANERS DETAILS

NORMAL DUTY AIR CLEANER
 C1760D5E, C2000D5, C2000D6,
 C2000D5E, C2250D5, C2500D5A

NORMAL DUTY AIR CLEANER
 C2250D6A

HEAVY DUTY AIR CLEANER
 C1760D5e, C2000D5, C2000D6,
 C2000D5e, C2250D5

D

D

C

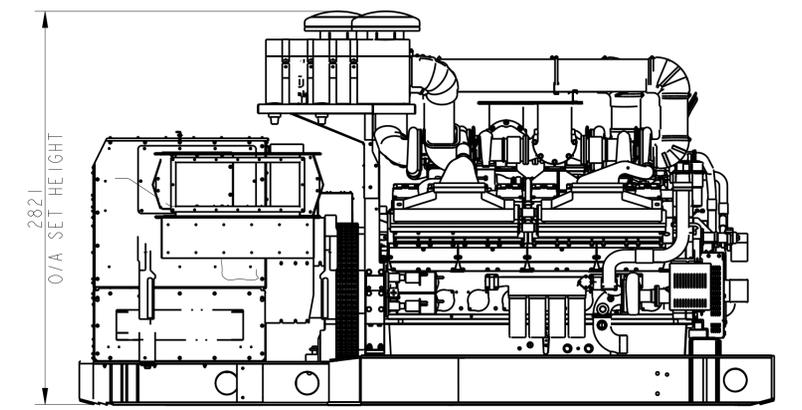
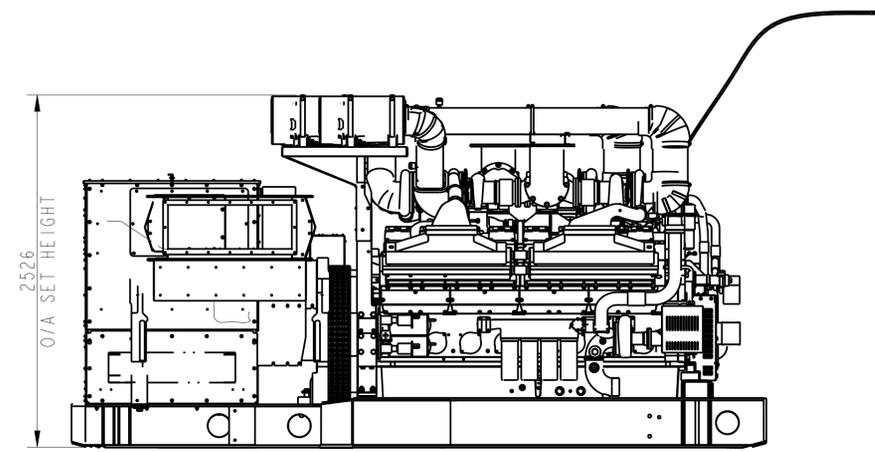
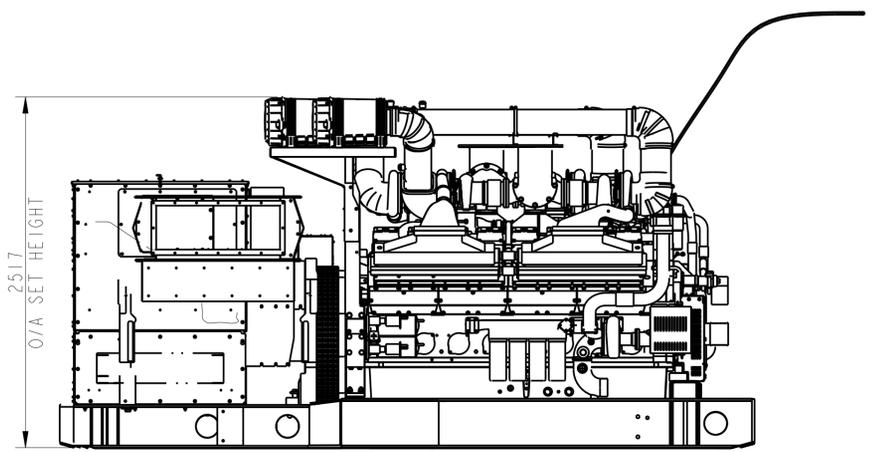
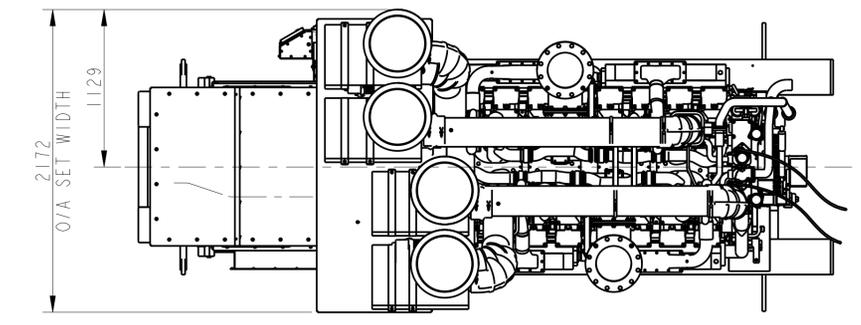
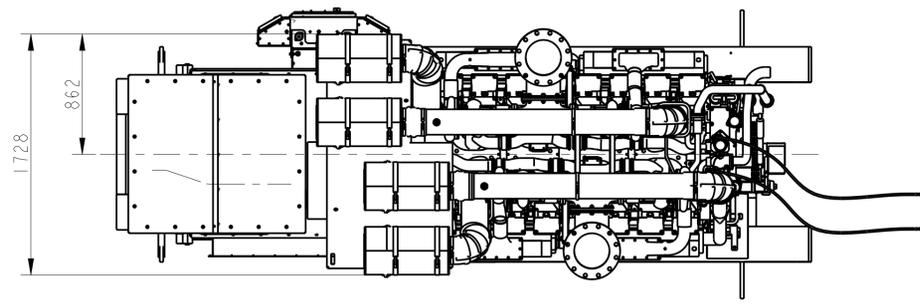
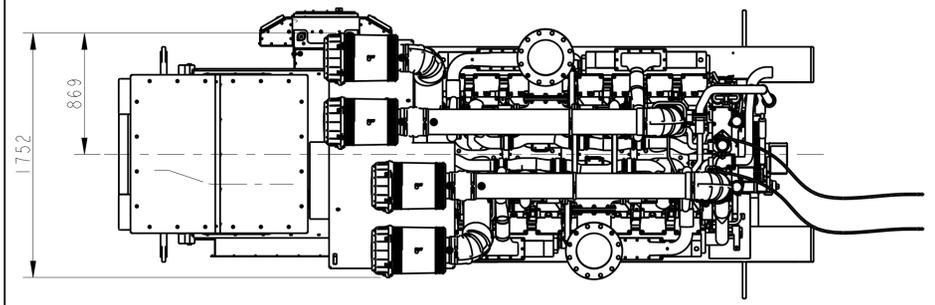
C

B

B

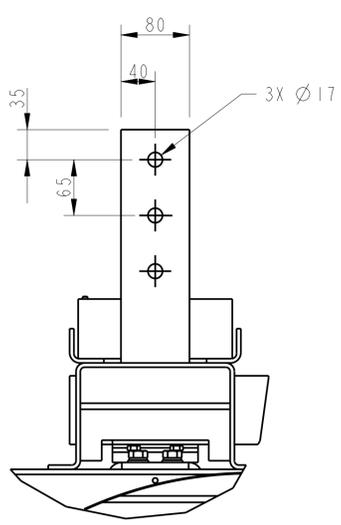
A

A

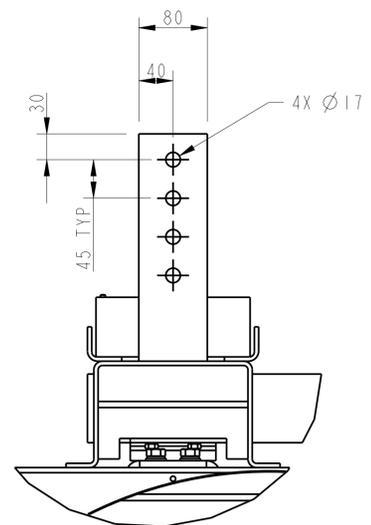


DO NOT SCALE PRINT	TOLERANCE UNLESS STATED ALL DIMENSIONS IN MM		SIM TO	N/A	DRAWN	K. ADAMS		CUMMINS POWER GENERATION		
	DIM	X ± 3 X.X ± 1 X.XX ± 0.5	COPIED FROM	N/A	CHECK	T. PETTMAN				
ANG TOL ± 1.0°	6.35 - 4.99 ± 0.15/0.08 5.00 - 9.99 ± 0.20/0.10 10.00 - 12.49 ± 0.25/0.13 13.50 - 24.99 ± 0.30/0.15	HEREIN IS CONFIDENTIAL AND PROPRIETARY AND SHALL NOT BE DISCLOSED TO OTHERS IN HARD COPY OR ELECTRONIC FORM, REPRODUCED BY ANY MEANS, OR USED FOR ANY PURPOSE WITHOUT WRITTEN CONSENT OF CUMMINS INC.	THIRD ANGLE PROJECTION	APPR	M. KENYON	DATE	26 JAN 16	TITLE	OUTLINE, GENSET	
DRAWN TO SCALE OF 1:40			FOR INTERPRETATION OF DIMENSIONS AND TOLERANCES, SEE	DATE	26 JAN 16	FIRST USED ON	QSK60	SITE CODE		
				SCALE	1:40	PGK	DWG SIZE	A1	DWG NO	A052V600
									CAD SHEET	6 OF 9

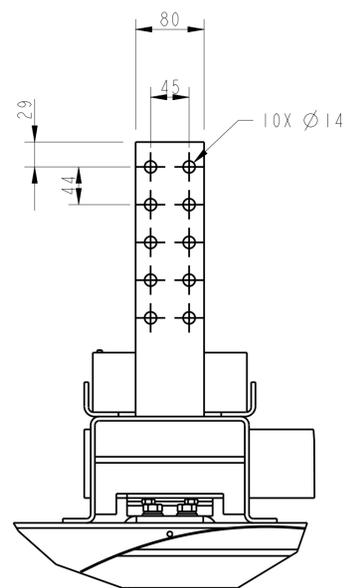
ALTERNATOR DETAILS - P7



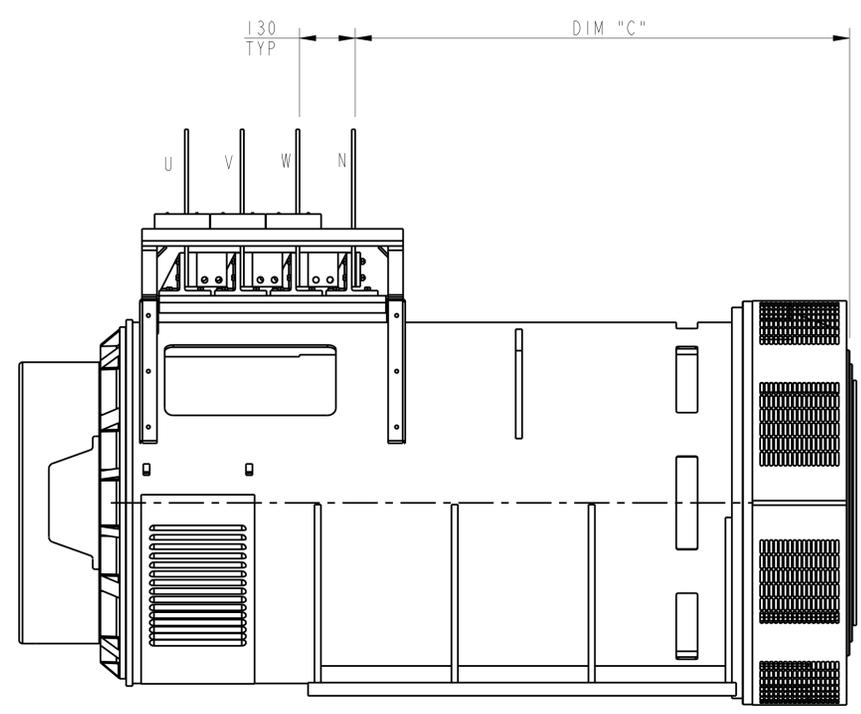
DETAIL C



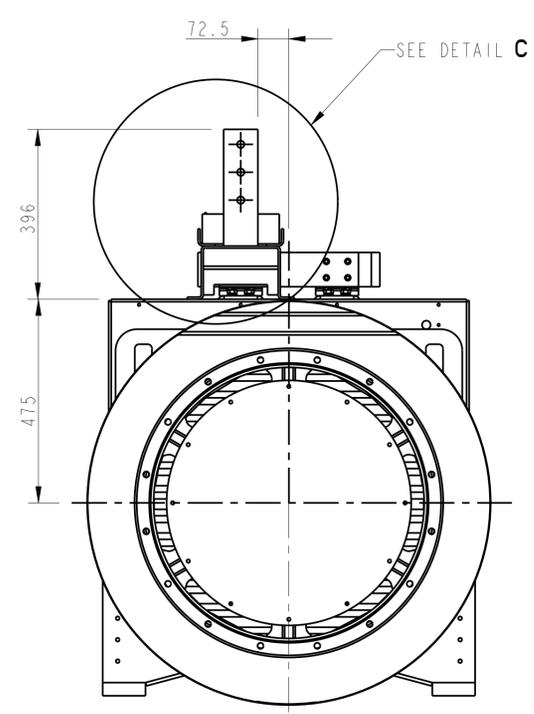
DETAIL D



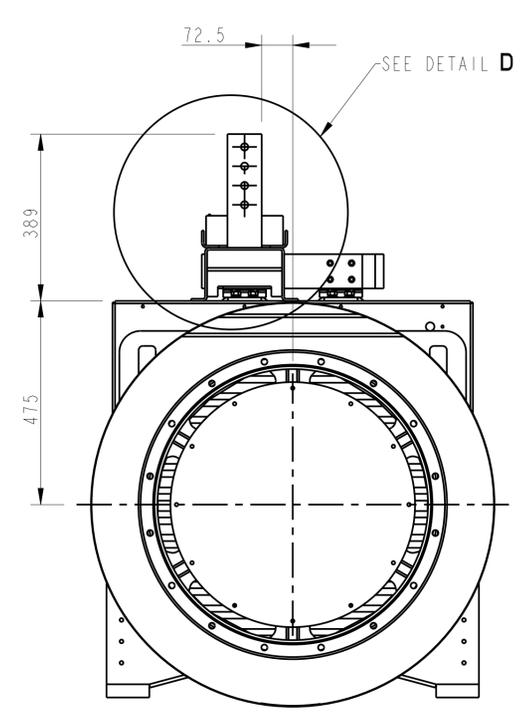
DETAIL E



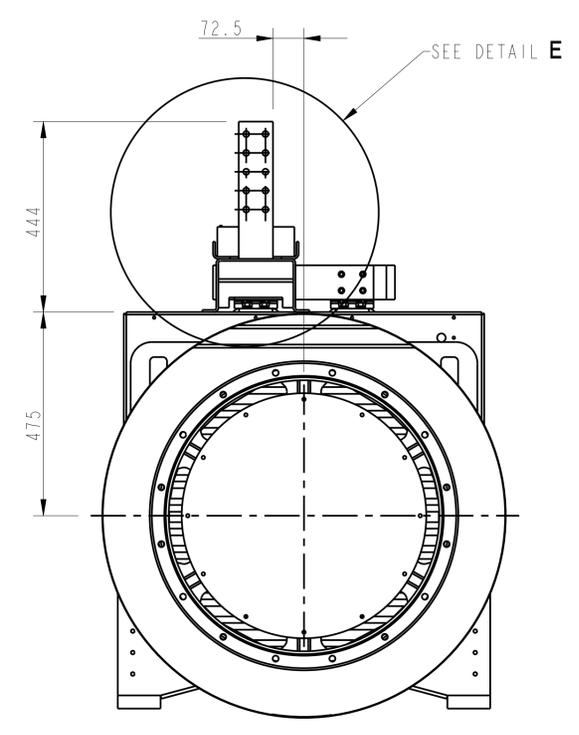
P7 ALTERNATOR
ELECTRICAL CONNECTION DETAIL
(OUTPUT BOX NOT SHOWN)



1 HOLE LUG
NEWAGE
CORES D THRU F



1 HOLE LUG
NEWAGE
CORE G

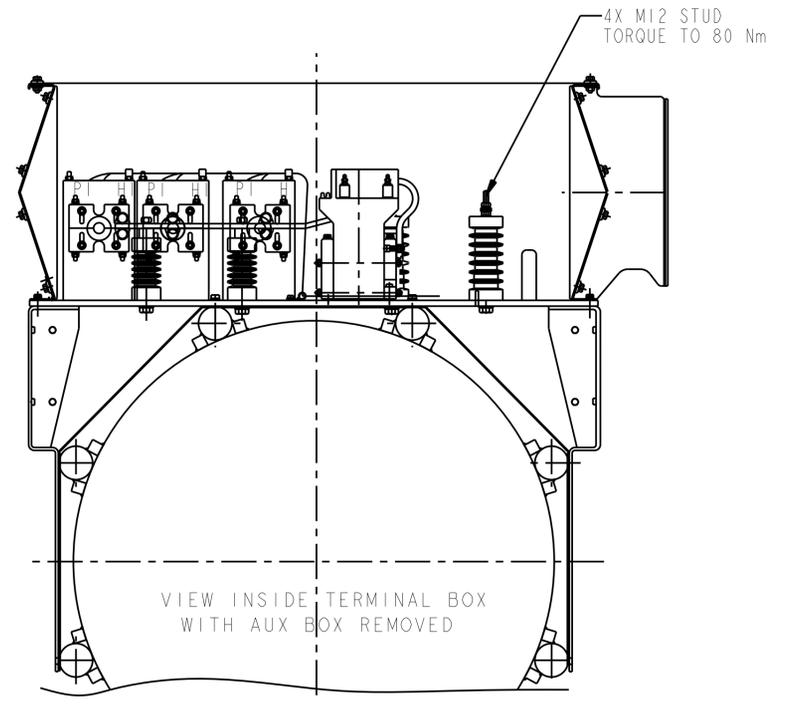
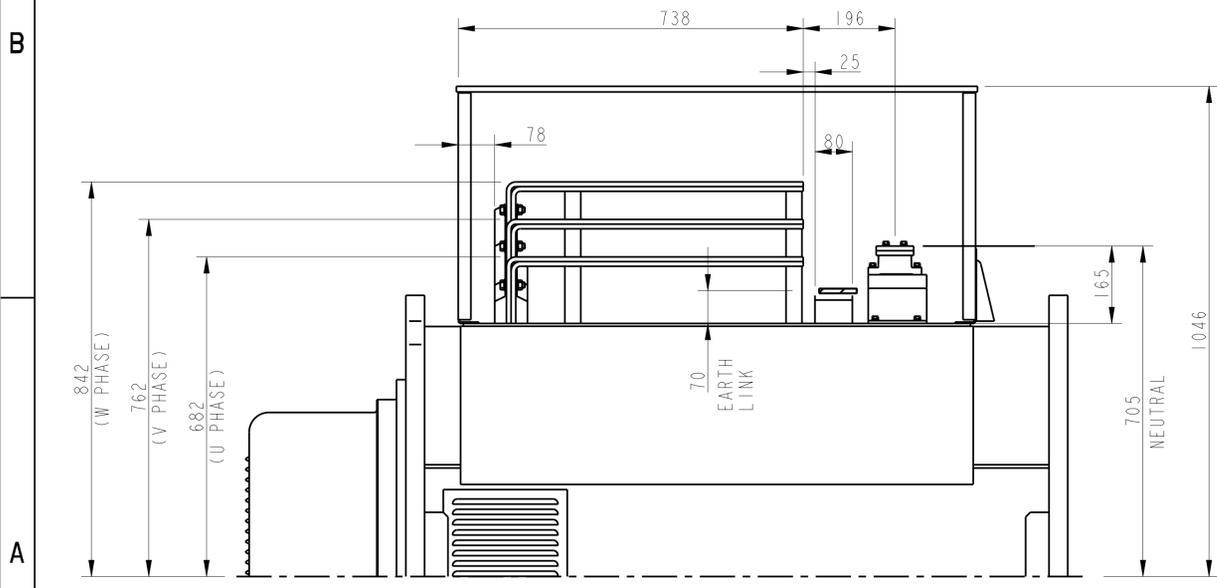
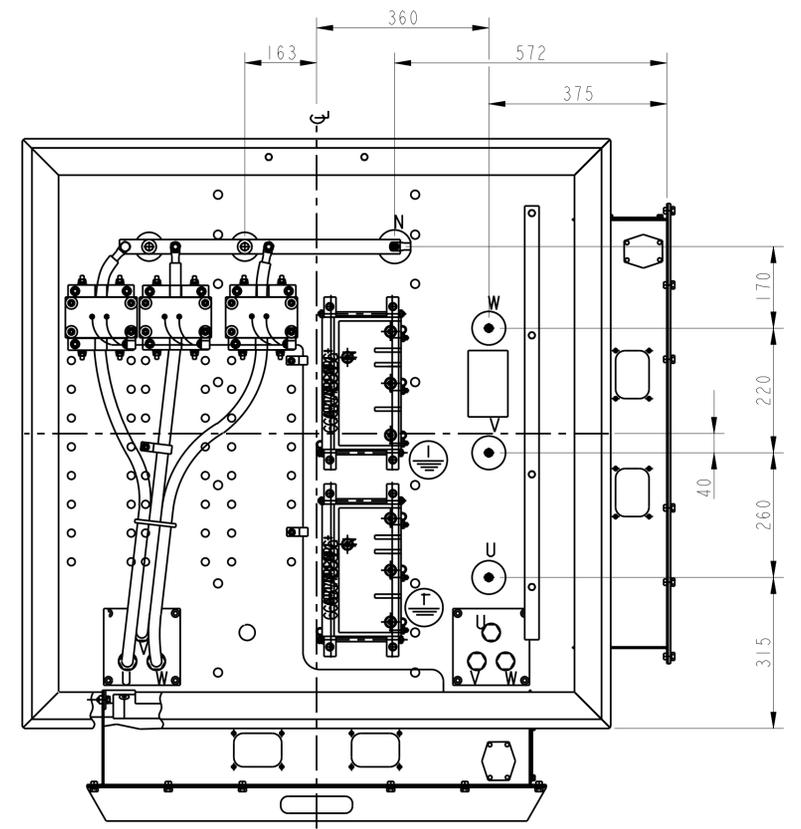
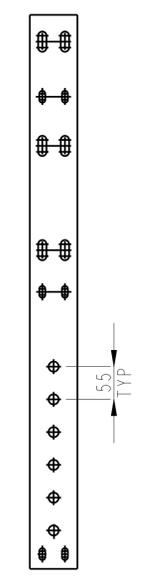
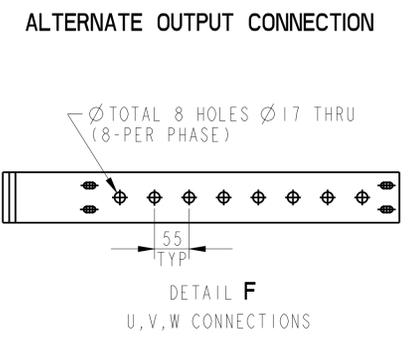
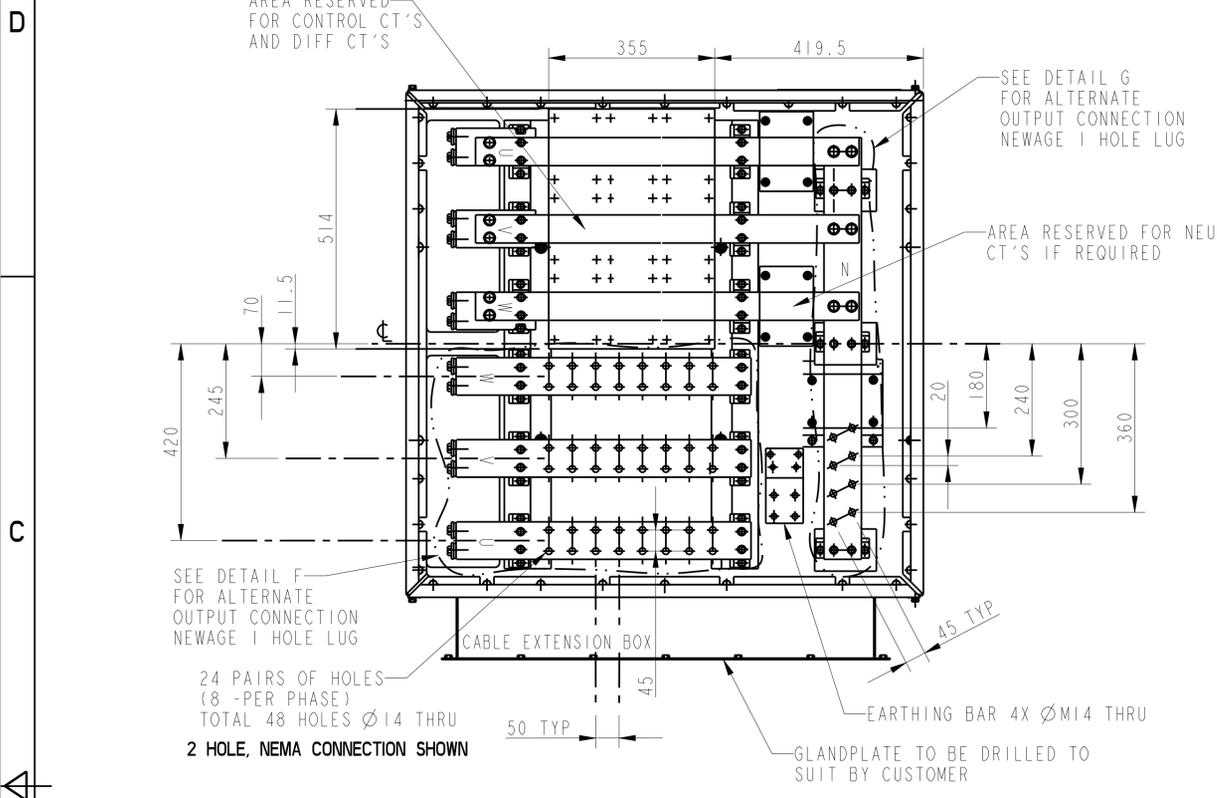


2 HOLE LUG NEMA
CORES D THRU G
EACH 2 HOLE, NEMA TERMINAL WILL
ACCOMMODATE UP TO 10 750 MCM LUGS

TABULATION	
CORE	DIM "C"
D	1069
F	1154
G	1154

DO NOT SCALE PRINT	TOLERANCE UNLESS STATED ALL DIMENSIONS IN MM	SIM TO N/A	DRAWN K. ADAMS	CUMMINS POWER GENERATION
	DIM X ± 3 X, X ± 1 X, X ± 0.5	COPIED FROM N/A THIRD ANGLE PROJECTION THIS DOCUMENT IS THE PROPERTY OF CUMMINS INC. IT IS NOT TO BE REPRODUCED OR DISCLOSED TO OTHERS IN ANY FORM OR BY ANY MEANS, OR USED FOR ANY PURPOSE WITHOUT WRITTEN CONSENT OF CUMMINS INC.	CHECK T. PETTMAN APPR M. KENYON DATE 26 JAN 16	
ANG TOL ± 1.0° DRAWN TO SCALE OF 1:40	0.09 - 4.99 +0.15/-0.08 5.00 - 9.99 +0.20/-0.10 10.00 - 24.99 +0.25/-0.13 25.00 - 99.99 +0.30/-0.15	FOR INTERPRETATION OF DIMENSIONS AND TOLERANCES, SEE:	FIRST USED ON QSK60	SITE CODE PKG DWG SIZE A1
				DWG NO A052V600

ALTERNATOR DETAILS - P80



LVSI 804 ALTERNATOR (P80LV)

MV/HVSI 804 ALTERNATOR (P80MV/HV)

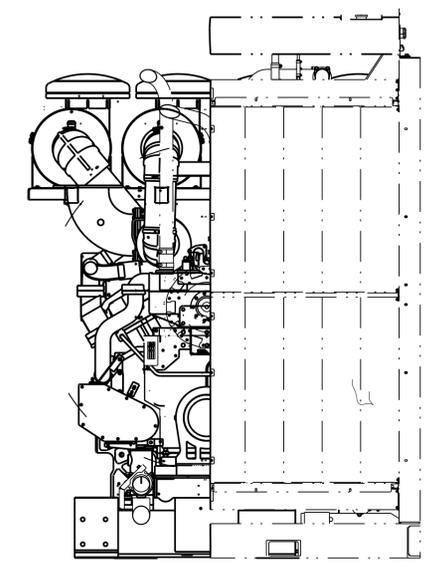
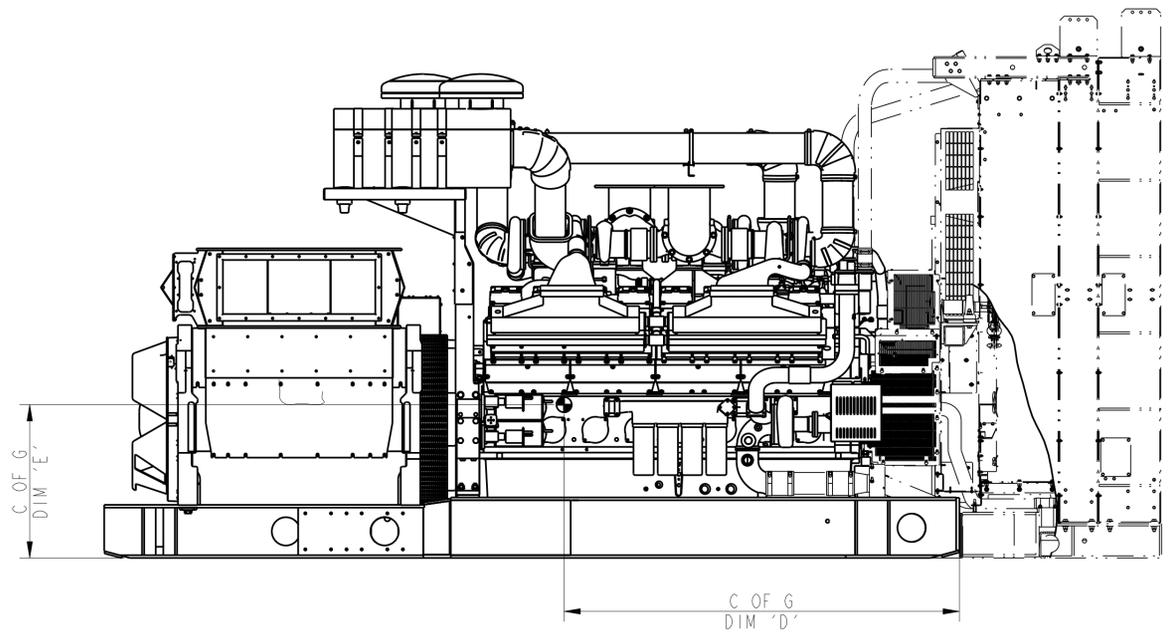
DO NOT SCALE PRINT	TOLERANCE UNLESS STATED ALL DIMENSIONS IN MM	SIM TO N/A	DRAWN K. ADAMS		CUMMINS POWER GENERATION
	X ± 3 X, X ± 1 X, X ± 0.5	SCOPED FROM N/A THIRD ANGLE PROJECTION THIS DOCUMENT IS THE PROPERTY OF CUMMINS INC. AND SHALL NOT BE DISCLOSED TO OTHERS IN ANY FORM OR BY ANY MEANS, OR USED FOR ANY PURPOSE WITHOUT WRITTEN CONSENT OF CUMMINS INC.	CHECK T. PETTMAN APPR M. KENYON		
ANG TOL ± 1.0°	0.00 - 4.99 +0.15/-0.00 5.00 - 9.99 +0.20/-0.10 10.00 - 12.49 +0.25/-0.13 13.50 - 24.99 +0.30/-0.15	FOR INTERPRETATION OF DIMENSIONS AND TOLERANCES, SEE QSK60	FIRST USED ON QSK60	SITE CODE PKG DWG SIZE AI	DWG NO A052V600
DRAWN TO SCALE OF 1:40					CAD SHEET 8 of 9

REL NO	REV NO	REVISION	DWN	CHDR	APVD	DATE
ECO-183591	D	---	JBP	VSH	M. CARTWRIGHT	07FEB19

WEIGHT & CofG DATA

NOTES:

- DATUM FOR DIM'D' IS UNDERSIDE OF GEN-SET SKID. DATUM FOR DIM'E' IS FRONT PLATE OF GEN-SET SKID.
- FOR TRANSPORTATION OF SETS WITH SHIPPED LOOSE RADIATORS USE REMOTE COOLED DATA IF WEIGHT AND COFG'S REQUIRED.
- FOR COFG'S WITH HEAVY DUTY AIR CLEANER (HD A/C) ADD 10mm TO DIM'D' AND 20mm TO DIM'E'.



REMOTE COOLED - ALL QSK60 SETS								
GENERATOR FRAME SIZE	DRY			WET			DRY	WET
	GEN WEIGHT	DIM'D' COFG	DIM'E' COFG	GEN WEIGHT	DIM'D' COFG	DIM'E' COFG	GEN WEIGHT	GEN WEIGHT
	KG	mm	mm	KG	mm	mm	KG	KG
P7 D-CORE LV	12850	2341	889	13205	2324	893	12625	13410
P7 F-CORE LV	13375	2414	886	13730	2396	890	13150	13930
P7 G-CORE LV	13585	2443	885	13940	2425	889	13360	14145
P80 R-CORE LV	15050	2566	878	15405	2547	882	14825	15605
P80 R-CORE MV	14960	2557	879	15315	2538	882	14735	15520
P80 R-CORE HV	14920	2556	879	15275	2537	882	14695	15475
P80 S-CORE HV	15195	2585	878	15550	2565	881	14970	15750
C/W	ND A/C (SEE NOTES 8 & 9)						NO A/C	HD A/C

40°C RADIATOR - C2000 D5, C2000 D6, C2250 D5								
GENERATOR FRAME SIZE	DRY			WET			DRY	WET
	GEN WEIGHT	DIM'D' COFG	DIM'E' COFG	GEN WEIGHT	DIM'D' COFG	DIM'E' COFG	GEN WEIGHT	GEN WEIGHT
	KG	mm	mm	KG	mm	mm	KG	KG
P7 F-CORE LV	15105	2048	906	15745	1990	912	14880	15945
P7 G-CORE LV	15320	2079	905	15960	2021	911	15095	16160
P80 R-CORE MV	16690	2212	898	17330	2153	904	16465	17535
P80 R-CORE HV	16650	2210	898	17290	2151	904	16425	17490
P80 S-CORE HV	16925	2241	897	17565	2183	903	16700	17770
C/W	RAD+ND A/C (SEE NOTES 8 & 9)						RAD+NO A/C	RAD+HD A/C

40°C RADIATOR - C1760 D5e, C2000 D5e								
GENERATOR FRAME SIZE	DRY			WET			DRY	WET
	GEN WEIGHT	DIM'D' COFG	DIM'E' COFG	GEN WEIGHT	DIM'D' COFG	DIM'E' COFG	GEN WEIGHT	GEN WEIGHT
	KG	mm	mm	KG	mm	mm	KG	KG
P7 D-CORE LV	15050	1876	989	15835	1803	1006	14825	16040
P7 F-CORE LV	15570	1954	984	16355	1880	1000	15345	16560
P80 R-CORE MV	17160	2122	968	17945	2047	983	16935	18150
P80 R-CORE HV	17115	2120	969	17900	2045	984	16890	18105
C/W	RAD+ND A/C (SEE NOTES 8 & 9)						RAD+NO A/C	RAD+HD A/C

40°C RADIATOR - C2250 D6A, C2500 D5A & 50°C RADIATOR - C2000 D5, C2000 D6, C2250 D5								
GENERATOR FRAME SIZE	DRY			WET			DRY	WET
	GEN WEIGHT	DIM'D' COFG	DIM'E' COFG	GEN WEIGHT	DIM'D' COFG	DIM'E' COFG	GEN WEIGHT	GEN WEIGHT
	KG	mm	mm	KG	mm	mm	KG	KG
P7 F-CORE LV	15398	2020	944	16120	1956	955	15173	16323
P7 G-CORE LV	15612	2051	943	16334	1986	953	15387	16537
P80 R-CORE LV	17074	2194	932	17796	2128	942	16849	17999
P80 R-CORE MV	16986	2184	932	17708	2118	943	16761	17911
P80 R-CORE HV	16943	2182	933	17665	2116	943	16718	17868
P80 S-CORE HV	17219	2213	931	17941	2147	941	16994	18144
C/W	RAD+ND A/C (SEE NOTES 8 & 9)						RAD+NO A/C	RAD+HD A/C

DO NOT SCALE PRINT	TOLERANCE UNLESS STATED ALL DIMENSIONS IN MM	SIM TO N/A	DRAWN K. ADAMS		CUMMINS POWER GENERATION
	ANG TOL ± 1.0°	X ± 3 X.X ± 1 X.XX ± 0.5	CHECKED T. PETTMAN APPR M. KENYON DATE 26 JAN 16		
SCALE OF 1:40	0.00 - 4.99 ±0.10/0.08 5.00 - 9.99 ±0.20/0.10 10.00 - 24.99 ±0.25/0.15 25.00 - 99.99 ±0.30/0.15	THIS DOCUMENT IS THE PROPERTY OF CUMMINS INC. IT IS TO BE USED ONLY FOR THE PURPOSES SPECIFIED HEREIN. IT IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, OR USED FOR ANY PURPOSE WITHOUT WRITTEN CONSENT OF CUMMINS INC.	FOR INTERPRETATION OF DIMENSIONS AND TOLERANCES SEE: QSK60	FIRST USED ON QSK60	CAB SHEET 9 of 9

Part A052V600 D

Description	Legacy Name	External Regulations	Application Status	Release Phase Code	Security Classification	Alternates
OUTLINE,GENSET	A052V600	CE	Production Only	Production	Internal Use Only	

Part Specifications :A052V600 D

Name	Description	Legacy Name
A030B356	SPECIFICATION,MATERIAL	CES10903
A052V601	DRAWING,ENGINEERING	A052V601