

6 A1 PRO/ENGINEER

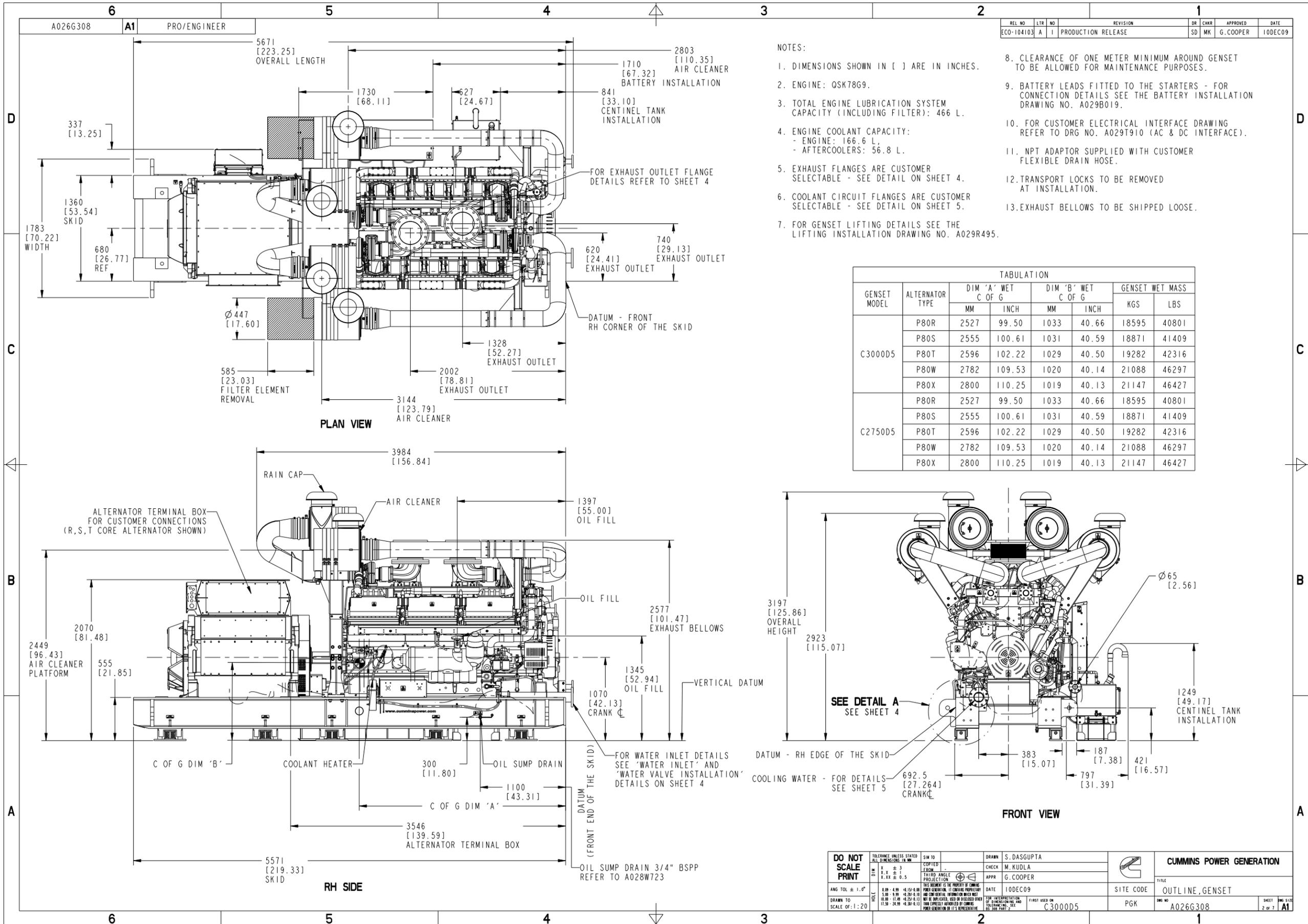
REL NO	LTR NO	REVISION	DR	CHKR	APPROVED	DATE
ECO-104103	A	1	SD	MK	G. COOPER	10DEC09

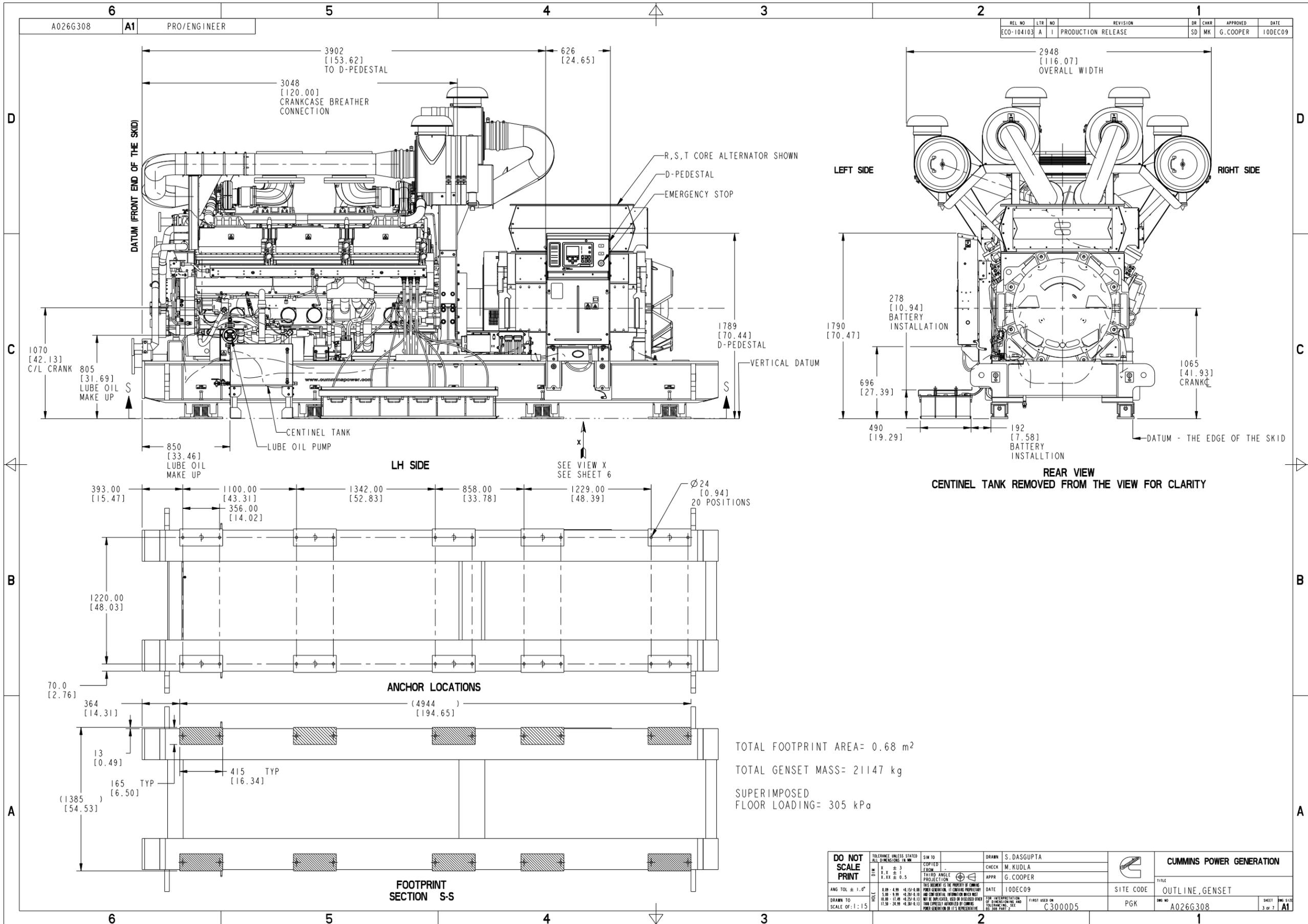
NOTE:
1. REFER TO THE TABLE FOR REQUIRED DRAWING SHEET NUMBERS.

GENSET	ALTERNATOR	SHEETS REQ.
C3000D5	MVSI804R/S/T/W	1 TO 7
	HVSI804R/S/T/W/X	
C2750D5	MVSI804R/S/T/W	1 TO 7
	HVSI804R/S/T/W	

SHEET NO.	INFORMATION
2	PLAN VIEW, RH SIDE, FRONT VIEW AND C OF G TABULATION
3	LH SIDE, REAR VIEW, ANCHOR LOCATIONS AND FOOTPRINT
4	EXHAUST OUTLET DETAILS, LIFTING BRACKET DETAILS
5	COOLING SYSTEM CONNECTION DETAILS
6	FUEL SUPPLY AND RETURN CONNECTION DETAILS, CONTROL PANEL UNDERSIDE
7	STUB UP AREA, APPROX MASSES AND TIGHTENING TORQUES

DO NOT SCALE PRINT	TOLERANCE UNLESS STATED ALL DIMENSIONS IN MM	SIM TO	DRAWN	S. DASGUPTA		CUMMINS POWER GENERATION
	X ± 0.5 X.X ± 0.1 X.XX ± 0.05	COPIED FROM TAYLOR ANGLE PROJECTION	CHECK APPR	M. KUDLA G. COOPER		
ANG TOL ± 1.0°	0.00 - 4.00 ± 0.10 5.00 - 9.00 ± 0.20 10.00 - 15.00 ± 0.30 17.50 - 24.00 ± 0.40	THIS DOCUMENT IS THE PROPERTY OF CUMMINS POWER GENERATION. IT CONTAINS PROPRIETARY AND CONFIDENTIAL INFORMATION WHICH MUST NOT BE REPRODUCED, COPIED, DISSEMINATED OR IN ANY MANNER MADE AVAILABLE TO OTHERS WITHOUT THE WRITTEN PERMISSION OF CUMMINS POWER GENERATION OR ITS REPRESENTATIVE.	DATE	10DEC09	SITE CODE	OUTLINE, GENSET
DRAWN TO SCALE OF: 1:15			FOR INTERPRETATION OF DIMENSIONS AND TOLERANCING, SEE	DATE	PGK	DWG NO: A026G308
			BY JOB PART 2	10DEC09		SHEET 1 OF 7

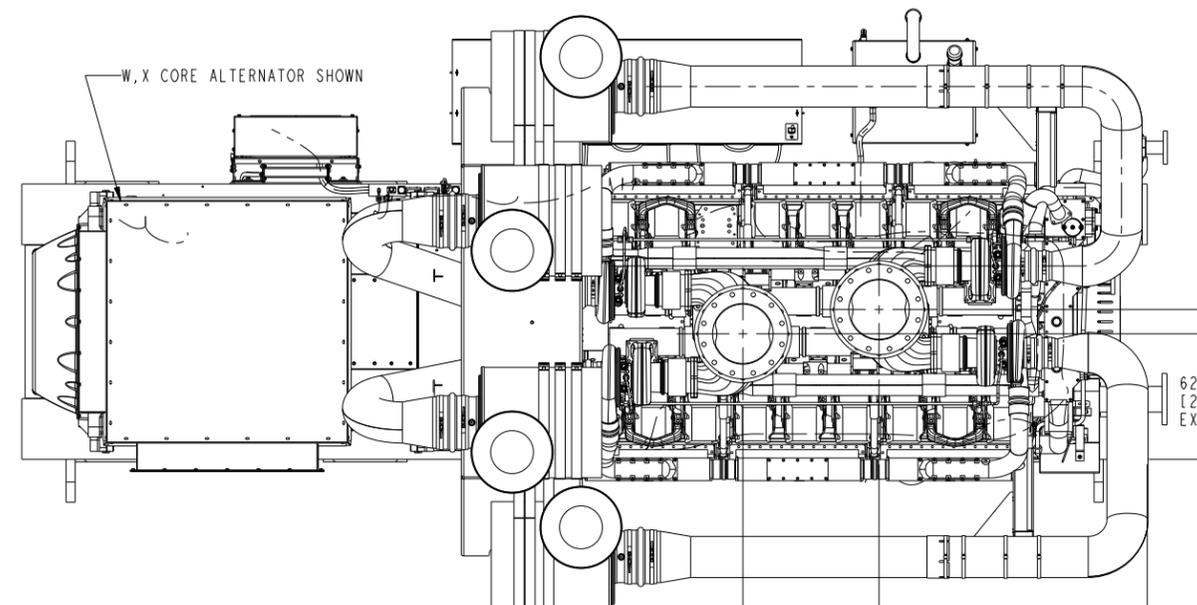




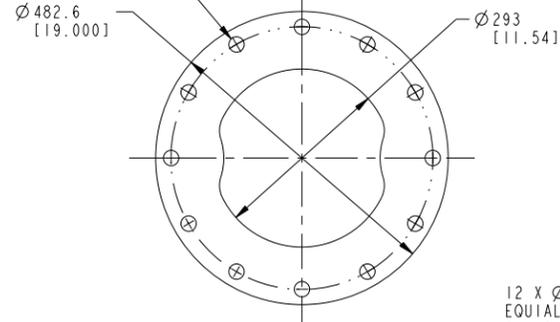
TOTAL FOOTPRINT AREA= 0.68 m²
 TOTAL GENSET MASS= 21147 kg
 SUPERIMPOSED FLOOR LOADING= 305 kPa

DO NOT SCALE PRINT	TOLERANCE UNLESS STATED ALL DIMENSIONS IN MM	SW TO	DATE	CUMMINS POWER GENERATION TITLE OUTLINE, GENSET SITE CODE PGK DWG NO A026G308 SHEET 3 of 7 A1
	X ± 0.3 Y, Z ± 0.5 X, Y, Z ± 0.5	COPIED FROM THIRD ANGLE PROJECTION	DATE 10DEC09	
ANG TOL ± 1.0° DRAWN TO SCALE OF: 1:15	THIS DOCUMENT IS THE PROPERTY OF CUMMINS POWER GENERATION. IT CONTAINS PROPRIETARY AND CONFIDENTIAL INFORMATION WHICH MUST NOT BE REPRODUCED, COPIED, DISSEMINATED OR IN ANY MANNER MADE AVAILABLE TO OTHERS WITHOUT THE EXPRESS WRITTEN AUTHORIZATION OF CUMMINS POWER GENERATION OR ITS REPRESENTATIVE.	DATE 10DEC09	FIRST USED ON C.3000D5	

REL NO	LTR NO	REVISION	DR	CHKR	APPROVED	DATE
ECO-104103	A	1 PRODUCTION RELEASE	SD	MK	G. COOPER	10DEC09

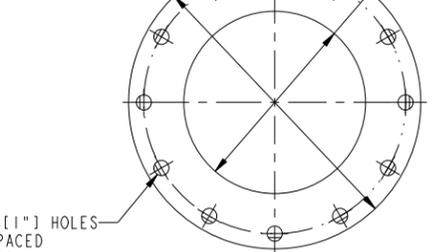


12 X Ø25.4[1"] HOLES
EQUALLY SPACED
ON 431.8 PCD



Ø482.0 [18.976]

Ø300.0 [11.811]

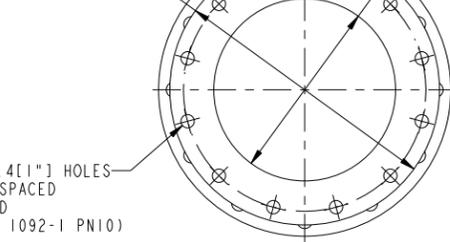


BELLOWS
12" ANSI CLASS 150
SCALE 1:5

DETAIL OF EXHAUST OUTLET FLANGE
ISO/ANSI BELLOWS, 2 POSITIONS
SCALE 1:5

Ø445.0 [17.520]

Ø300.00 [11.8110]

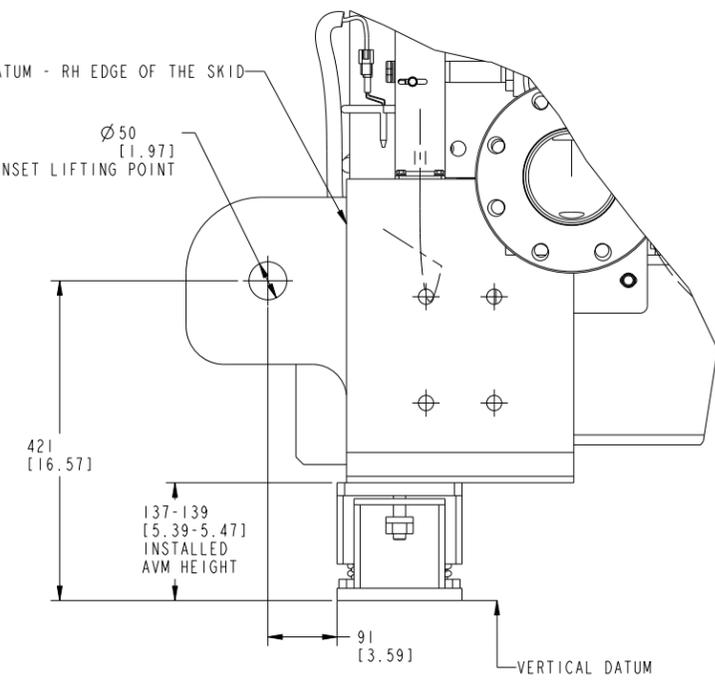


BELLOWS
DN 300 BSEN 1092-1 PN 10
SCALE 1:5

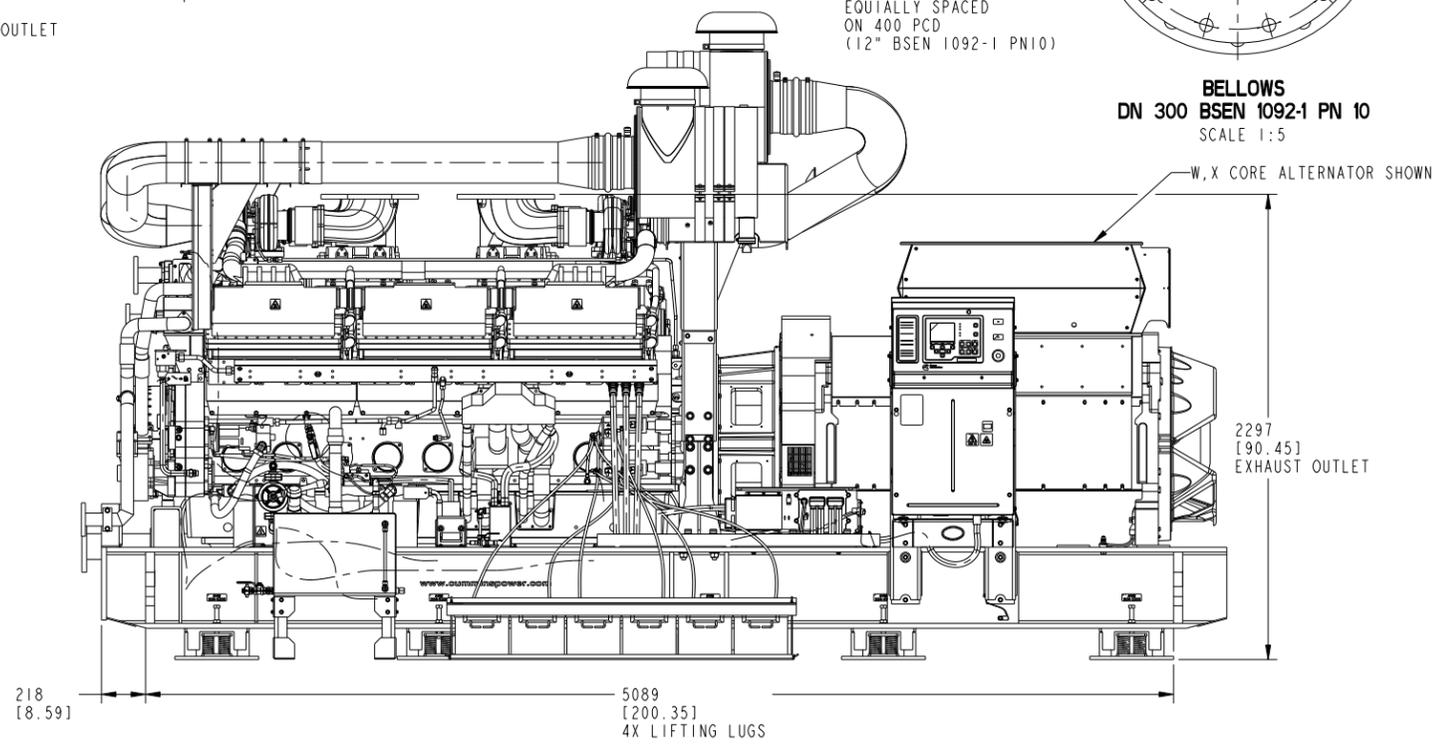


DATUM - RH EDGE OF THE SKID

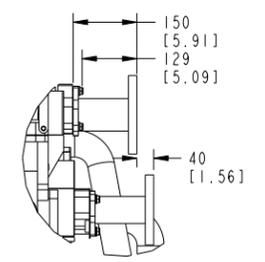
Ø50 [1.97]
GENSET LIFTING POINT



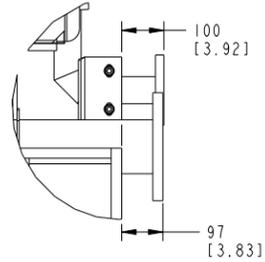
DETAIL A
SCALE 1:4



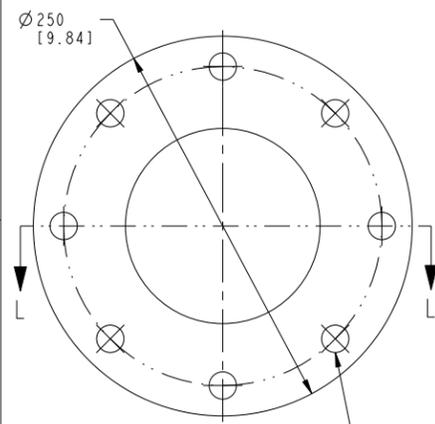
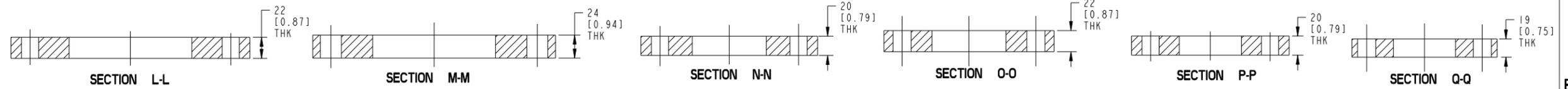
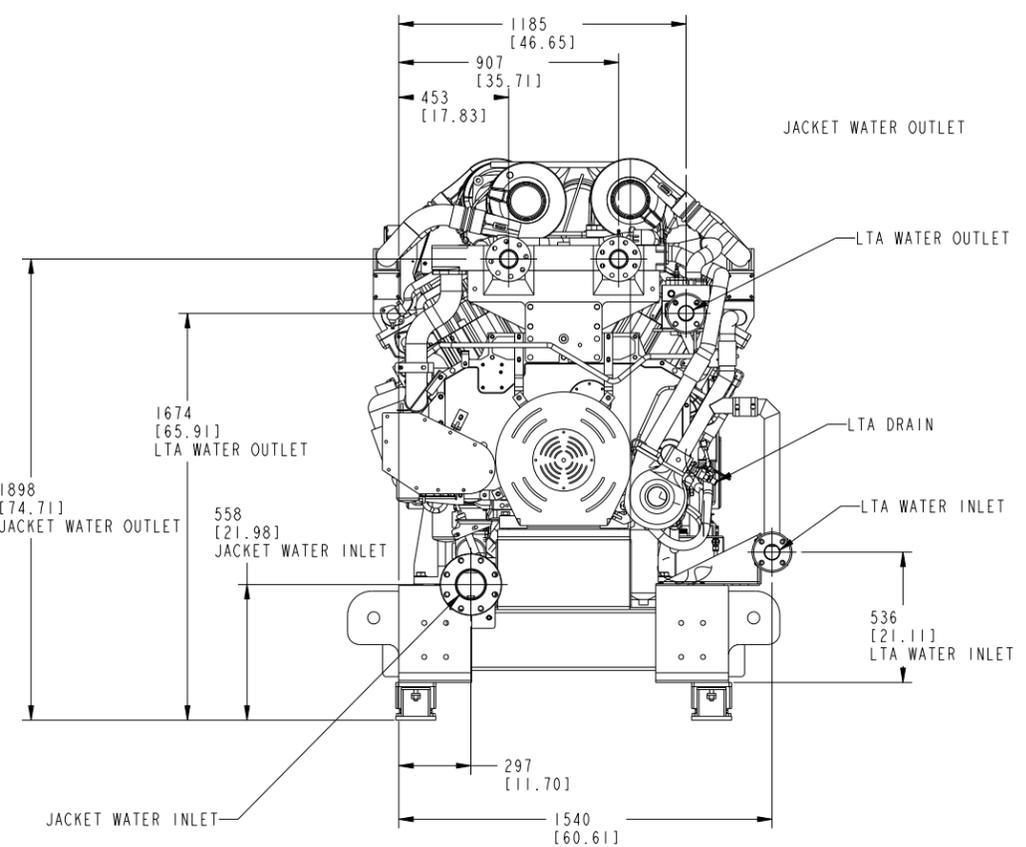
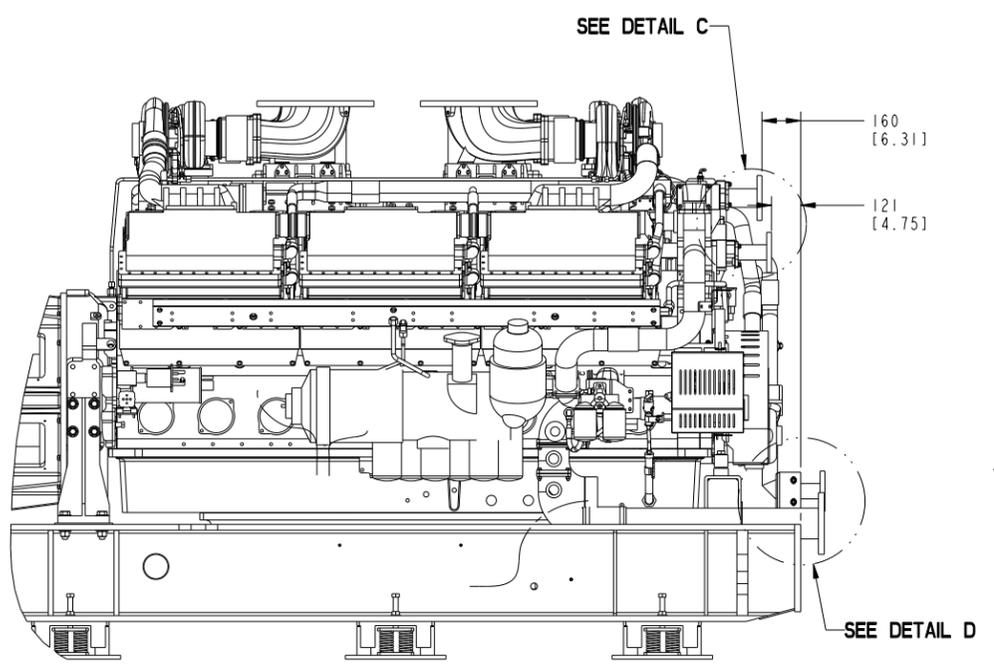
DO NOT SCALE PRINT	TOLERANCE UNLESS STATED ALL DIMENSIONS IN MM	SIZE TO	DATE	DRAWN	S. DASGUPTA	CUMMINS POWER GENERATION
	ANG TOL ± 1.0°	COPIED FROM	DATE	CHECK		
SCALE OF: 1:15	ANG TOL ± 1.0°	THIRD ANGLE PROJECTION	DATE	APPR	G. COOPER	TITLE
	0.00 - 4.00 ± 0.10		DATE	DATE	10DEC09	SITE CODE
	4.00 - 9.00 ± 0.15		DATE	DATE		PGK
	9.00 - 15.00 ± 0.20		DATE	DATE		NO. NO.
	15.00 - 24.00 ± 0.25		DATE	DATE		PKG
	24.00 - 48.00 ± 0.30		DATE	DATE		NO. NO.
	48.00 - 96.00 ± 0.40		DATE	DATE		PKG
	96.00 - 192.00 ± 0.50		DATE	DATE		NO. NO.
	192.00 - 384.00 ± 0.60		DATE	DATE		PKG
	384.00 - 768.00 ± 0.80		DATE	DATE		NO. NO.
	768.00 - 1536.00 ± 1.00		DATE	DATE		PKG
	1536.00 - 3072.00 ± 1.20		DATE	DATE		NO. NO.
	3072.00 - 6144.00 ± 1.50		DATE	DATE		PKG
	6144.00 - 12288.00 ± 2.00		DATE	DATE		NO. NO.
	12288.00 - 24576.00 ± 2.50		DATE	DATE		PKG
	24576.00 - 49152.00 ± 3.00		DATE	DATE		NO. NO.
	49152.00 - 98304.00 ± 4.00		DATE	DATE		PKG
	98304.00 - 196608.00 ± 5.00		DATE	DATE		NO. NO.
	196608.00 - 393216.00 ± 6.00		DATE	DATE		PKG
	393216.00 - 786432.00 ± 8.00		DATE	DATE		NO. NO.
	786432.00 - 1572864.00 ± 10.00		DATE	DATE		PKG
	1572864.00 - 3145728.00 ± 12.00		DATE	DATE		NO. NO.
	3145728.00 - 6291456.00 ± 15.00		DATE	DATE		PKG
	6291456.00 - 12582912.00 ± 20.00		DATE	DATE		NO. NO.
	12582912.00 - 25165824.00 ± 25.00		DATE	DATE		PKG
	25165824.00 - 50331648.00 ± 30.00		DATE	DATE		NO. NO.
	50331648.00 - 100663296.00 ± 40.00		DATE	DATE		PKG
	100663296.00 - 201326592.00 ± 50.00		DATE	DATE		NO. NO.
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DETAIL C
SCALE 7:50

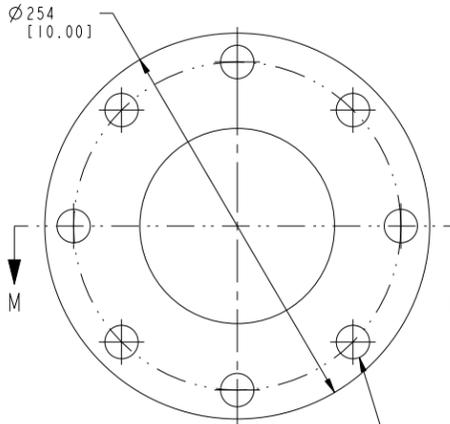


DETAIL D
SCALE 7:50



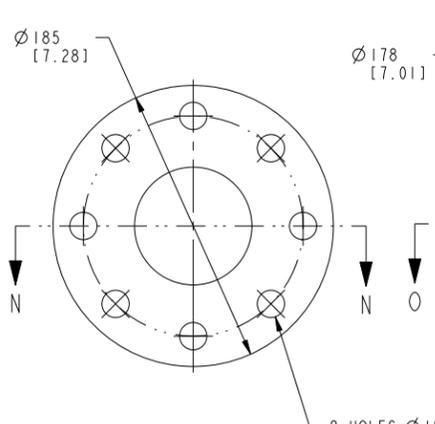
BSEN1092-1
DN 125

JACKET WATER INLET
SCALE 1:2

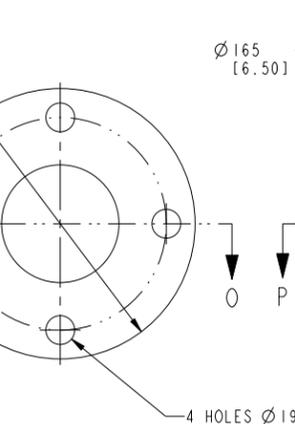


ANSI CLASS 150
5" NB

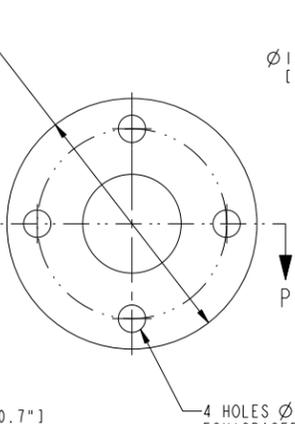
JACKET WATER OUTLET
SCALE 1:2



BSEN1092-1
DN 80

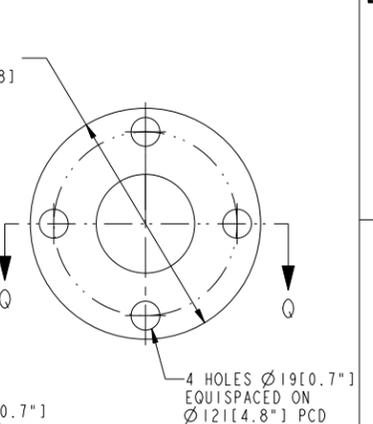


ANSI CLASS 150
3" NB



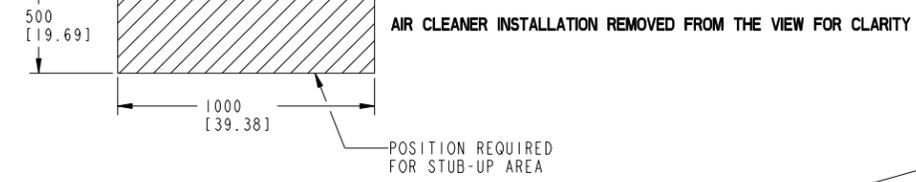
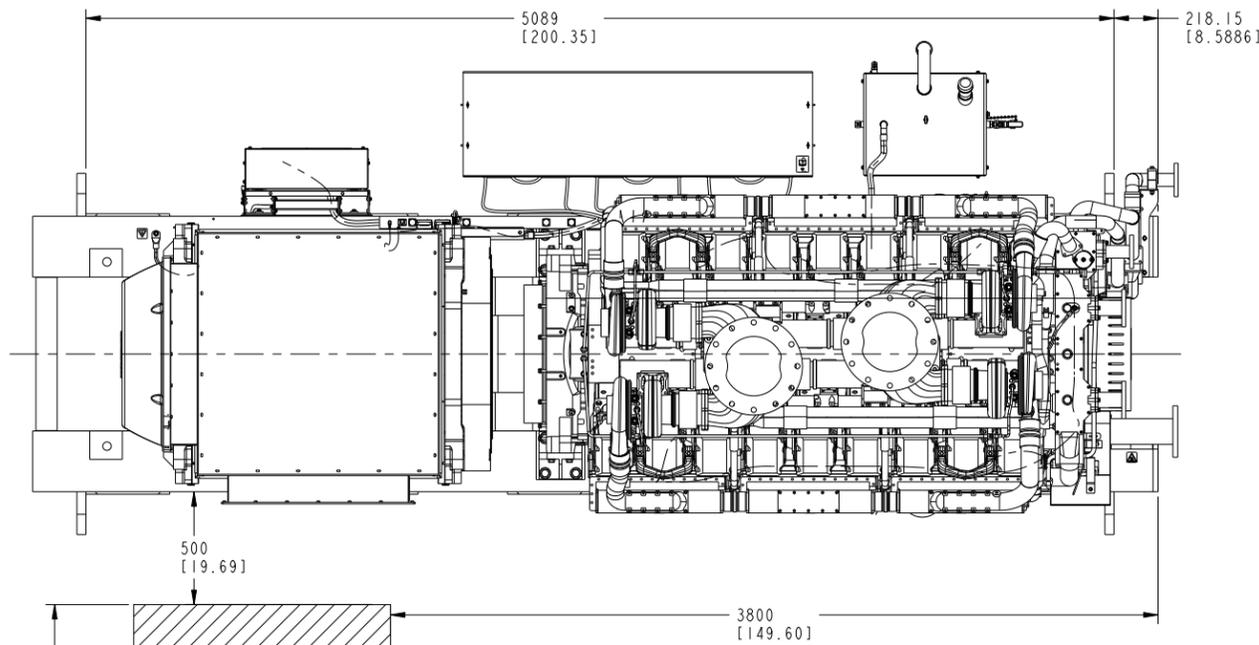
BSEN1092-1
DN 65

LTA WATER INLET AND OUTLET
SCALE 1:2



ANSI CLASS 150
2.5" NB

DO NOT SCALE PRINT	TOLERANCE UNLESS STATED ALL DIMENSIONS IN MM	SIZE	DATE	DR	CUMMINS POWER GENERATION	
	ANG TOL ± 1.0°	0.30 - 0.40 ± 0.10 0.40 - 0.90 ± 0.20 0.90 - 1.50 ± 0.30 1.50 - 24.00 ± 0.50	10DEC09	S. DASGUPTA	TITLE OUTLINE, GENSET	
SCALE OF: 1:15	THIS DOCUMENT IS THE PROPERTY OF CUMMINS POWER GENERATION. IT CONTAINS PROPRIETARY AND CONFIDENTIAL INFORMATION WHICH MUST NOT BE DISCLOSED, REPRODUCED OR COPIED WITHOUT THE EXPRESS WRITTEN PERMISSION OF CUMMINS POWER GENERATION OR ITS REPRESENTATIVE.	DATE	DATE	DATE	SITE CODE PGK	
					DWG NO A026G308	
					SHEET 5 of 7	

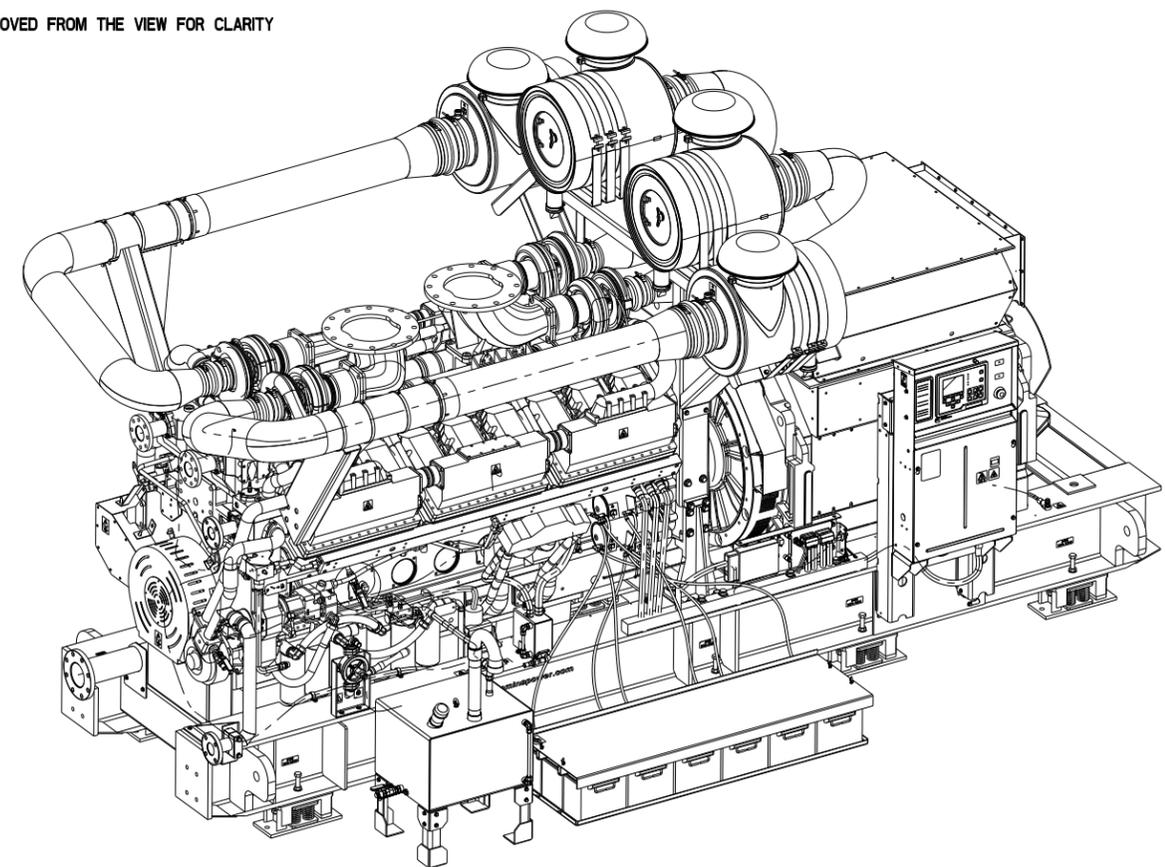
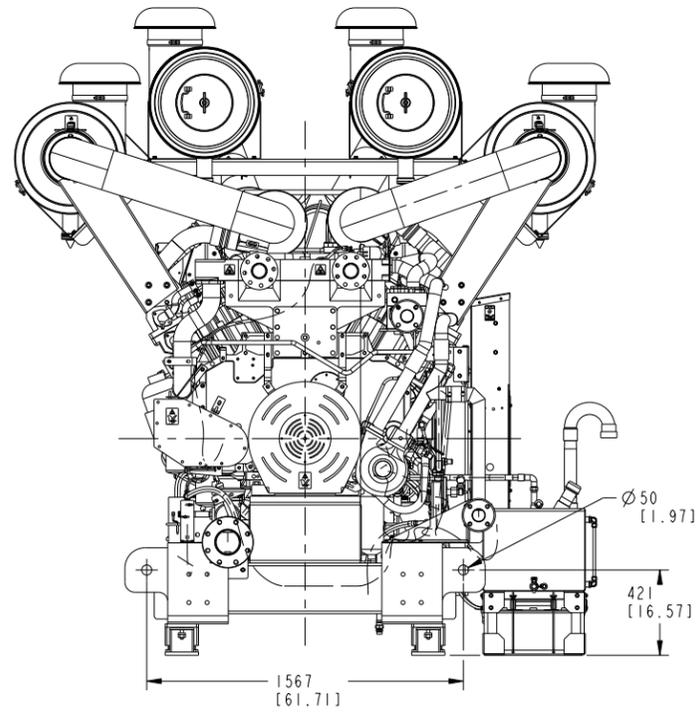


TIGHTENING TORQUES

FASTENER	GRADE	TORQUE SETTING Nm(DRY)
M8X1.25	8.8	24-29
M10X1.50	8.8	47-57
M12X1.75	8.8	82-100
M16X2.0	8.8	203-249
M20X2.50	8.8	381-465
M20X2.50	10.9	527-644
1/2" BSPP	-	42-76
3/4" BSPP	-	95-135
1" BSPP	-	115-165

APPROX MASSES OF SUBASSEMBLIES

PART NUMBER	DESCRIPTION	Kg
A029S621	DRIP PAN INSTL	5.1
A029K810	CENTINEL TANK INSTL	75
A028V356	OIL PUMP INSTL	17
A028X614	LABEL INSTL	0.1
A026L342	ENGINE ACCESSORIES	10
A029B019	BATTERY INSTL	1458
A028T528	VIBRATION MOUNTS INSTL(R,S,T CORE ALTERNATORS)	300
A026L341	VIBRATION MOUNTS INSTL(W,X CORE ALTERNATORS)	300
A029D213	CONTROL PANEL INSTL (D-PEDESTAL)	107
A028V729	HEATER INSTL(JACKET WATER) 10KW	24
A028Z622	HEATER INSTL (JACKET WATER) 12KW	24
A028W723	OIL DRAIN INSTL	3
A029R331	AIR CLEANER INSTL	449.5
A026M795	COOLING SYSTEM INSTAL(BSEN10921)	53.5
A028W420	COOLING SYSTEM INSTAL (ANSI)	54
A026K544	ALTERNATOR (R,S,T CORES)	6304
A026J321	ALTERNATOR (W,X CORES)	8169
A026J631	SKID ASSY	2198
A026L079	ENGINE	9810



DO NOT SCALE PRINT	TOLERANCE UNLESS STATED ALL DIMENSIONS IN MM	SW TO	DATE	S. DASGUPTA	CUMMINS POWER GENERATION
	HOLE 1. XX ± 0.1 2. XX ± 0.15 3. XX ± 0.2	COPIED FROM THIRD ANGLE PROJECTION	DATE 10DEC09		
ANG TOL ± 1.0°	4. 0.01 - 0.02 ± 0.01 5. 0.02 - 0.05 ± 0.02 6. 0.05 - 0.10 ± 0.03 7. 0.10 - 0.20 ± 0.05 8. 0.20 - 0.50 ± 0.10 9. 0.50 - 1.00 ± 0.15 10. 1.00 - 2.00 ± 0.20 11. 2.00 - 5.00 ± 0.30 12. 5.00 - 10.00 ± 0.40 13. 10.00 - 20.00 ± 0.50 14. 20.00 - 50.00 ± 0.60 15. 50.00 - 100.00 ± 0.70 16. 100.00 - 200.00 ± 0.80 17. 200.00 - 500.00 ± 0.90 18. 500.00 - 1000.00 ± 1.00	THIS DOCUMENT IS THE PROPERTY OF CUMMINS POWER GENERATION. IT CONTAINS PROPRIETARY AND CONFIDENTIAL INFORMATION WHICH MUST NOT BE REPRODUCED, COPIED, OR DISCLOSED WITHOUT EXPRESS WRITTEN PERMISSION OF CUMMINS POWER GENERATION OR ITS REPRESENTATIVE.	FOR INTERPRETATION OF DIMENSIONING AND TOLERANCING, SEE C.300005	FIRST USED ON C.300005	SITE CODE OUTLINE_GENSET
DRAWN TO SCALE OF: 1:15				PGK A026G308	SHEET 7 of 7 A1

Part A026G308 A

Description	Legacy Name	External Regulations	Application Status	Release Phase Code	Security Classification	Alternates
OUTLINE,GENSET	A026G308	None	Production & Service	Production	Proprietary	

Part Specifications :A026G308 A

Name	Description	Legacy Name
A030B356	SPECIFICATION,MATERIAL	CES10903
A029G781	DRAWING,ENGINEERING	A029G781