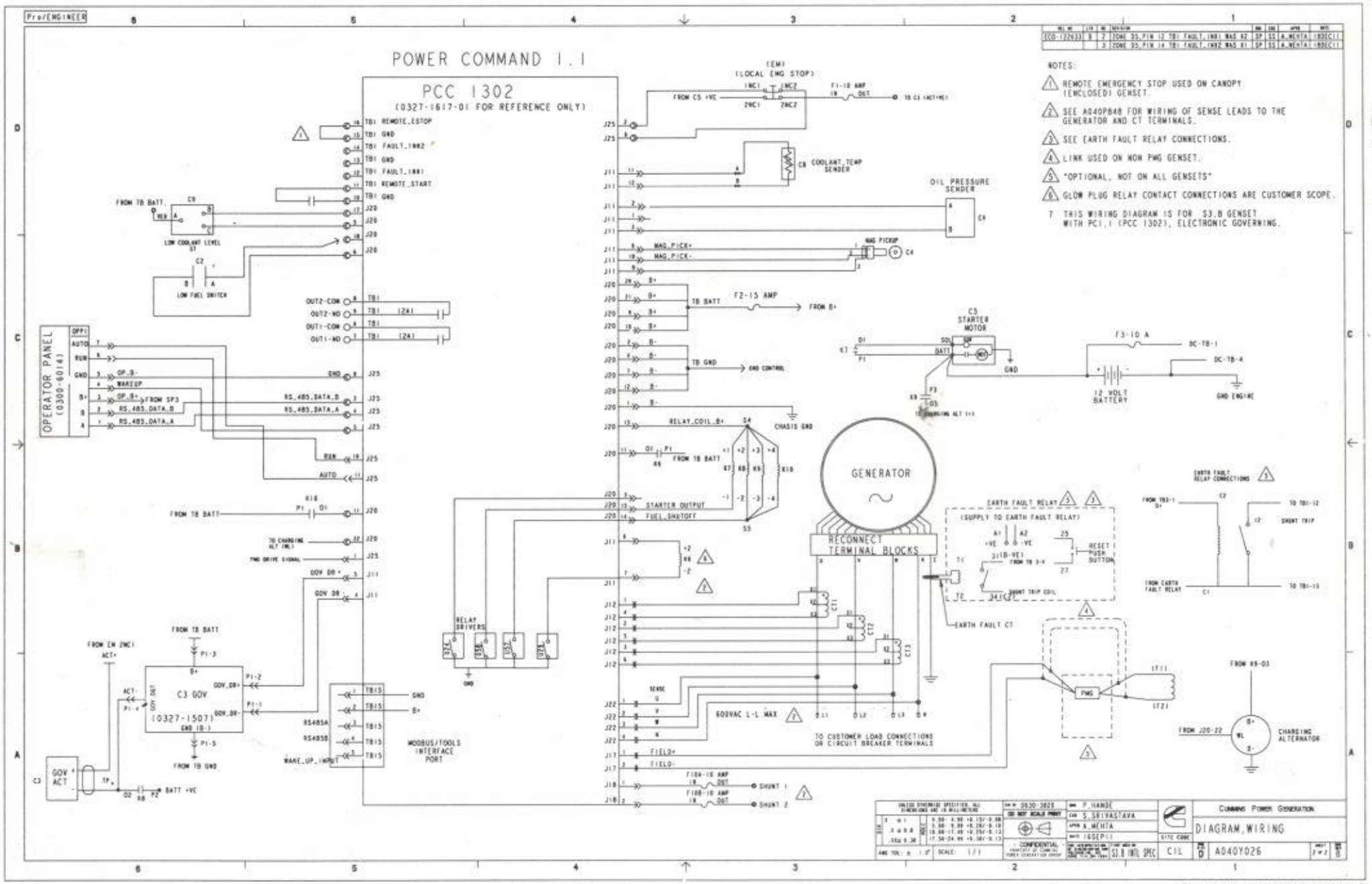
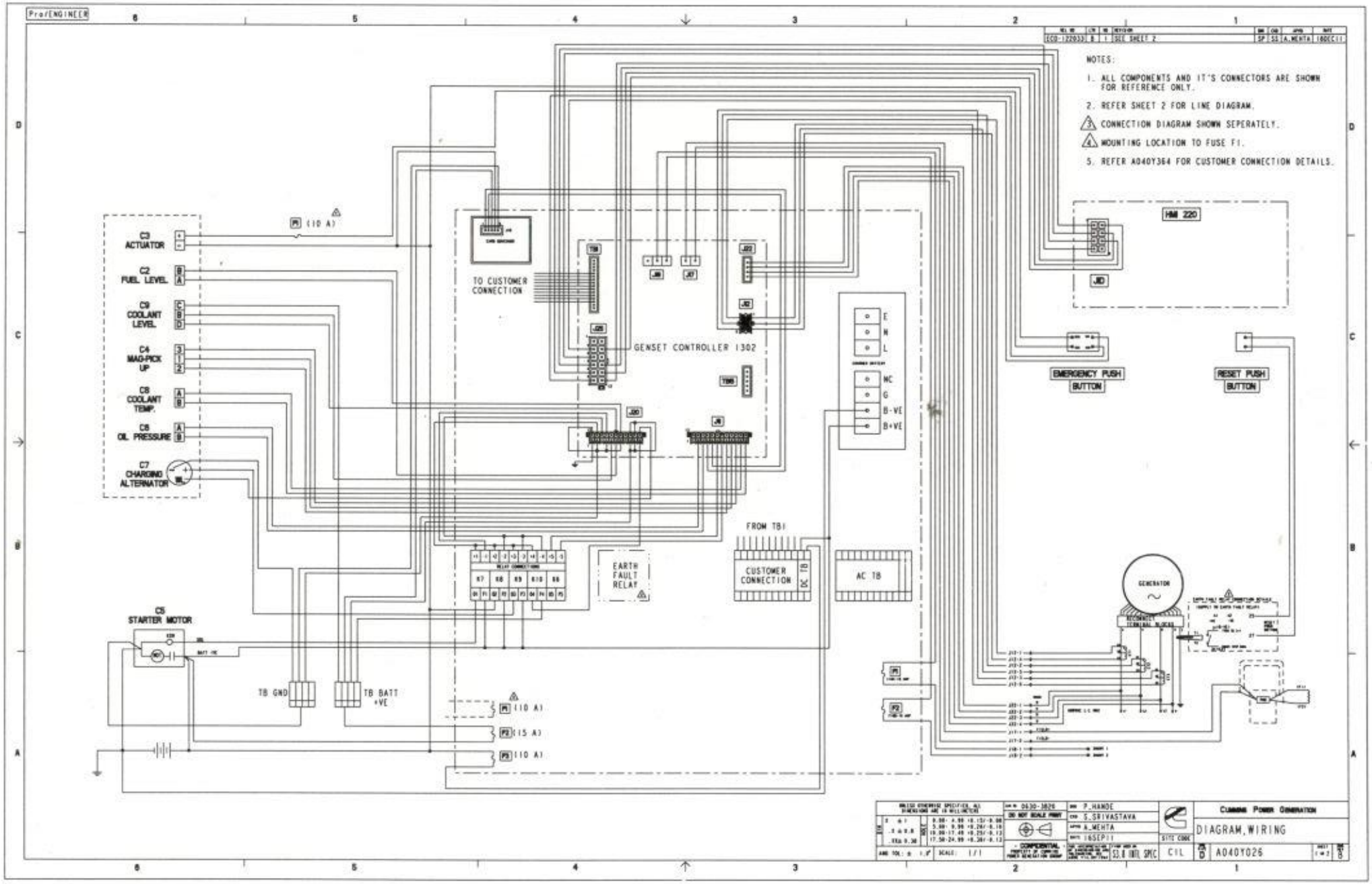


NOTES:

1. REMOTE EMERGENCY STOP USED ON CANOPY (ENCLOSED) GENSET.
2. SEE A040P848 FOR WIRING OF SENSE LEADS TO THE GENERATOR AND CT TERMINALS.
3. SEE EARTH FAULT RELAY CONNECTIONS.
4. LINK USED ON NON PMG GENSET.
5. "OPTIONAL, NOT ON ALL GENSETS"
6. GLOW PLUG RELAY CONTACT CONNECTIONS ARE CUSTOMER SCOPE.
7. THIS WIRING DIAGRAM IS FOR S3.8 GENSET WITH PC1.1 (PCC 1302), ELECTRONIC GOVERNING.

Drawing Name: A040Y027 Revision: B
Part Name: A040Y026 Revision: B
Sheet 2 of 2



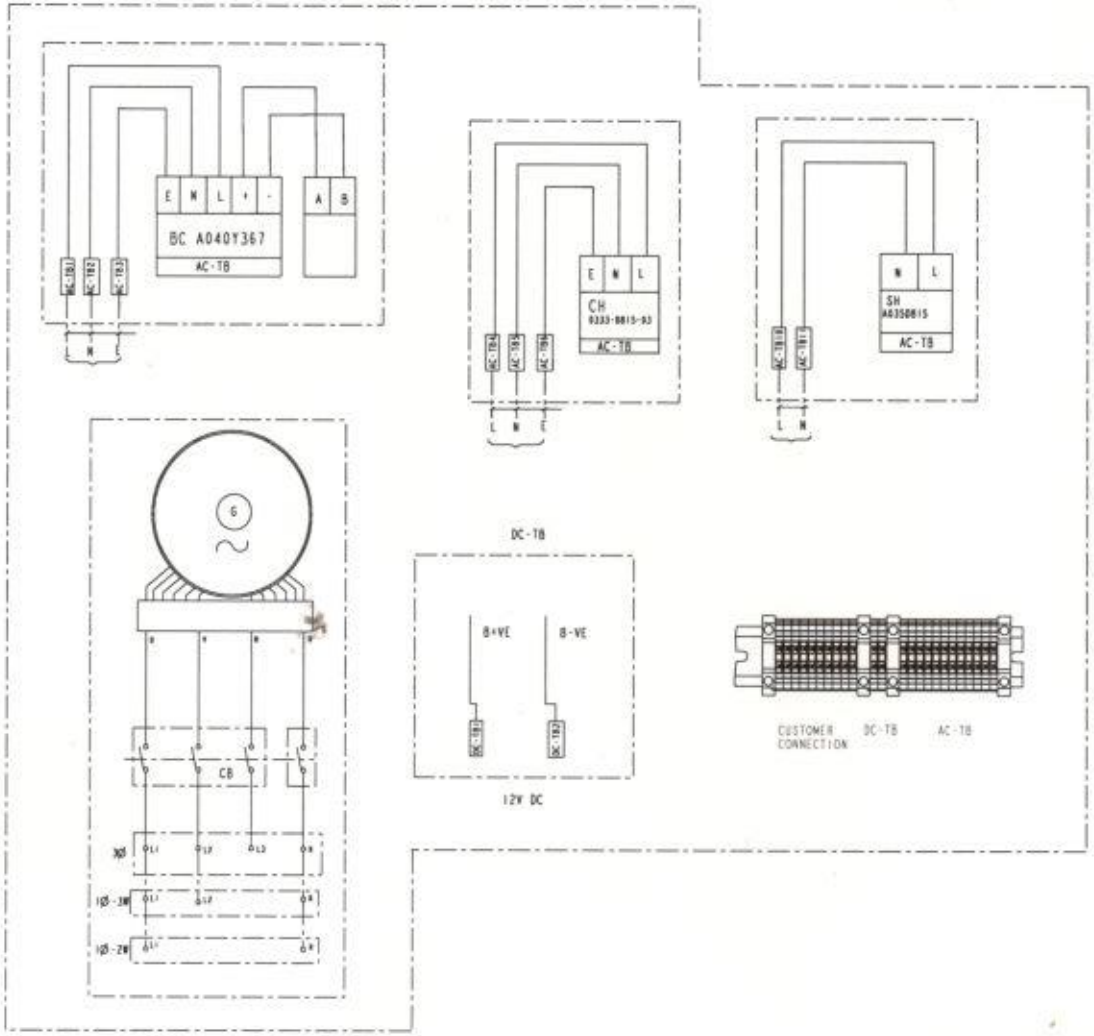
Drawing Name: A040Y027 Revision: B
Part Name: A040Y026 Revision: B
Sheet 1 of 2

Pro/ENGINEER

NO.	CH	REVISION	DR	CH	APR	DATE
ECO-117685	A	1 PRODUCTION RELEASE	NOMESS	S.SRIVASTAVA	A.MEHTA	(DSEPI)

NOTES:

1. MATTER INSIDE THE DOTTED WINDOW SHOULD BE PRINTED.



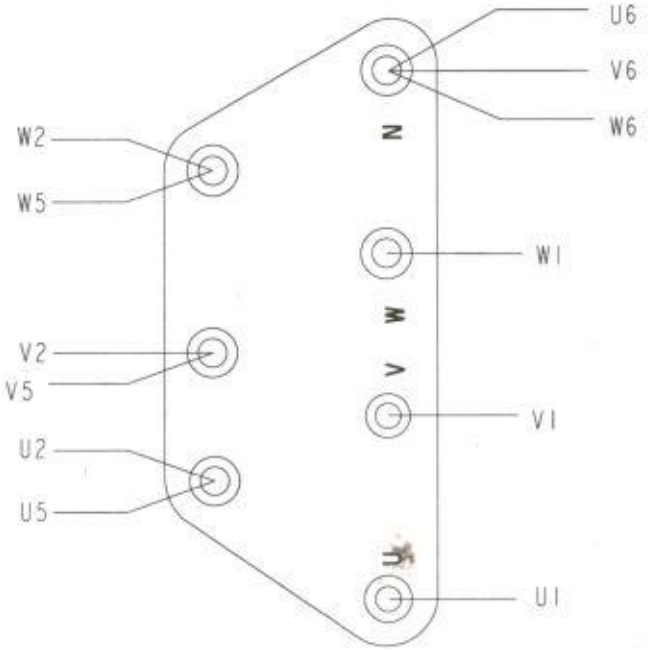
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN MILLIMETERS	DO NOT SCALE PRINT	DR N. MODI CH S.SRIVASTAVA APR A.MEHTA DATE (DSEPI)	CUMMINS POWER GENERATION
SCALE: 1/2	CONFIDENTIAL PROPERTY OF CUMMINS POWER GENERATION LIMITED	13.8 (W) SPEC	DIAGRAM, CONNECTION
		CIL	A040Y364

GE-55

Pro/ENGINEER

REL NO	LTR	NO	REVISION	DWN	CKD	APVD	DATE
ECO-123372	A	1	PRODUCTION RELEASE	SH	SK	A_GADKARI	17FEB12

SERIES STAR 3Ph, 4W
OUTPUT TERMINALS (U.V.W.N)

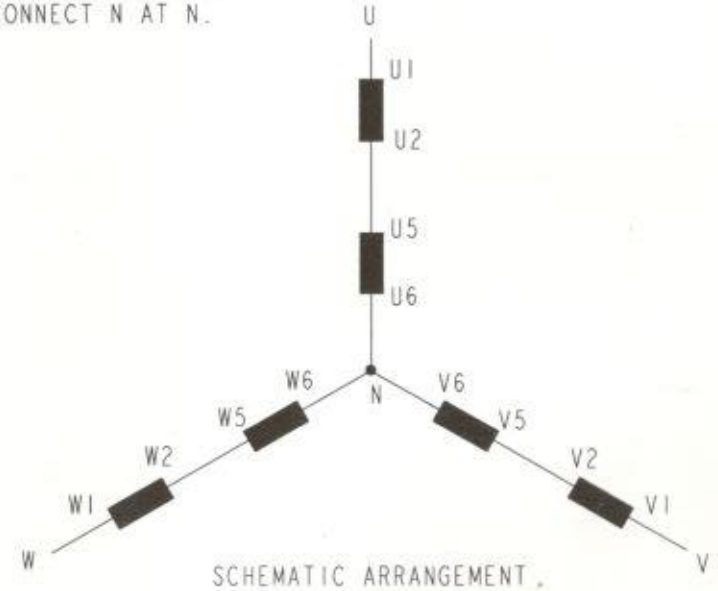


12 ENDS STANDARD TERMINAL ARRANGEMENT
(AS PER CGT PART NO.A039Z973

NOTES:

1. TIGHTENING TORQUE FOR FASTNERS IN UC 224/227 TERMINAL BOX IS 20-30 Nm.

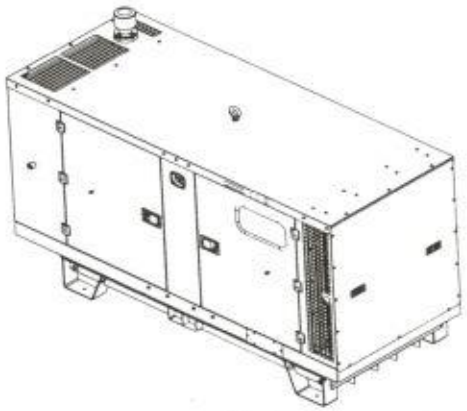
2. POWER CABLE CONNECTIONS :-
   a) CONNECT L1 AT U.
   b) CONNECT L2 AT V.
   c) CONNECT L3 AT W.
   d) CONNECT N AT N.

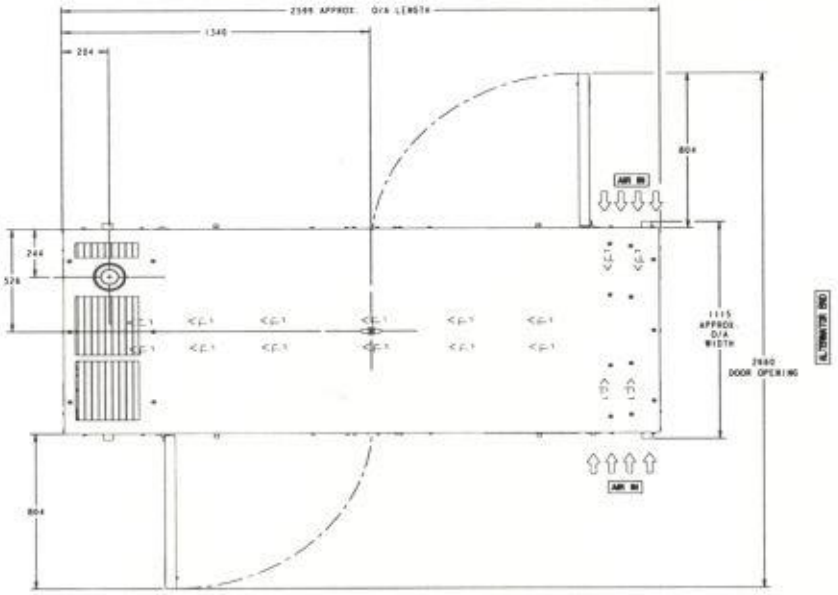


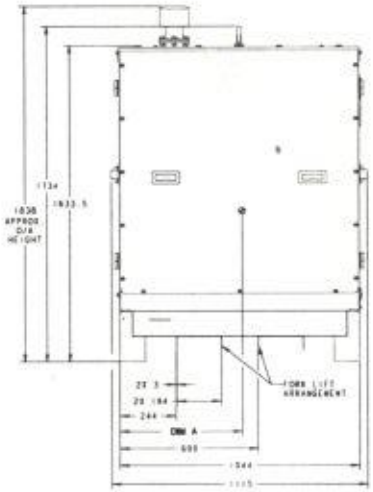
SCHEMATIC ARRANGEMENT.

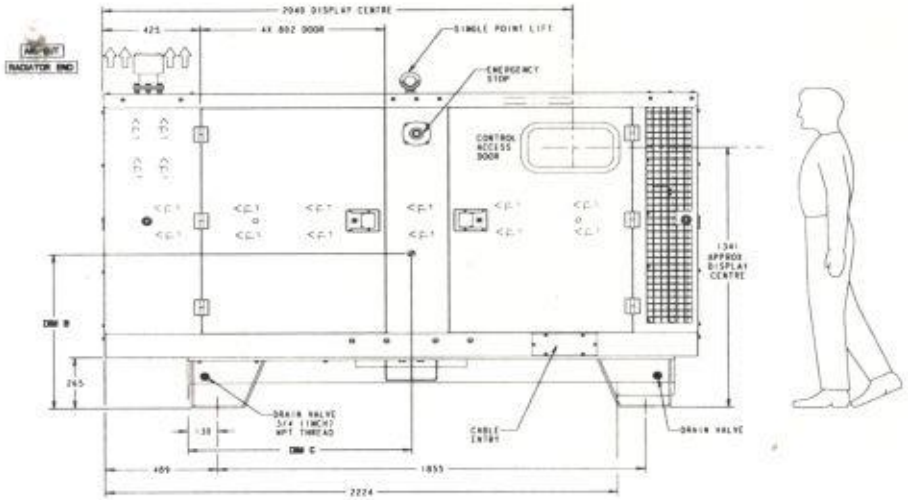
UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN MILLIMETERS											
DIM	X ±1	HOLE	0.00- 4.99 +0.15/-0.08	SIM TO -A034W764	DWN S_HOTKAR		CUMMINS POWER GENERATION				
	.X ± 0.8		5.00- 9.99 +0.20/-0.10	DO NOT SCALE PRINT	CKD S_KURAI						
	.XX± 0.38		10.00-17.49 +0.25/-0.13		APVD A_GADKARI		DIAGRAM, CONNECTION				
			17.50-24.99 +0.30/-0.13		DATE 17FEB12	SITE CODE					
ANG TOL: ± 1.0°		SCALE: 1/1		- CONFIDENTIAL - PROPERTY OF CUMMINS POWER GENERATION GROUP	FOR INTERPRETATION OF DIMENSIONING AND TOLERANCING, SEE ASME Y14.5M-1994	FIRST USED ON 6B URJA	CIL	DWG SIZE B	A041X733	SHEET 1 OF 1	DWG REV A

Drawing Name: A041X734 Revision: A
Part Name: A041X733 Revision: A
Sheet 1 of 1









NOTES:

1. ENCLOSURE OUTLINE WITH STANDARD SKID.
2. ENCLOSED GENERATOR SET LIFT ONLY BY SINGLE POINT LIFTING EYE OR BY LIFTING POINTS ON BED FRAME.
3. FUEL TANK CAPACITY: 155 Litre.
4. RADIATOR AMBIENT CAPABILITY PERFORMANCE: 50°.
5. DO NOT USE POCKET TO LIFT ENTIRE GENSET.
6. REMOVE SHIPPING BRACKET BEFORE SMARTING THE GENSET.
7. THIS IS FOR CAC & NON-CAC:

NON-CAC: C4405/C4406 C5505/C5506
CAC: C6605/C6606

WEIGHT DATA

S/N	GENSET NOMENCLATURE		ENCLOSED GENSET DRY WEIGHT (KG)		ENCLOSED GENSET WET WEIGHT (KG)	
	ENGINE MODEL	ALTERNATOR FRAME	WITH CBS	WITHOUT CBS	WITH CBS	WITHOUT CBS
1	S 3.8	UC 224 C	1397.2	1392.2	1529.2	1524.2
2	S 3.8	UC 224 D	1410.2	1405.2	1542.2	1537.2
3	S 3.8	UC 224 E	1437.2	1432.2	1564.2	1564.2
4	S 3.8	UC 224 F	1457.2	1452.2	1589.2	1584.2
5	S 3.8	UC 224 G	1507.2	1502.2	1639.2	1634.2

TORQUE TABLE

PART NO.	SIZE	GRADE	TORQUE (N-M)	DESCRIPTION
5483.7164	M24 X 3	8.8	100	EYE BOLT

NOISE LEVELS (dB)
@ 75% LOAD FACTOR

S/N	GENSET NOMENCLATURE GENSET MODEL	1 Mtr	7 Mtr	15 Mtr
1	C4405	77	68	62
2	C6606	81	71	66

CG LOCATION

DIM A	DIM B	DIM C
526.8	778	964

DRAWN: S.PATIL		CUMMINS POWER GENERATION	
CHK'D: R.RANU		OUTLINE, ENCLOSURE	
APPR'D: Z.MEHTA			
DATE: 10AUG11		SITE CODE	
SCALE: 1/32	CONFIDENTIAL	CIL	A040U986

Drawing Name: A040U987 Revision: B
Part Name: A040U986 Revision: B
Sheet 1 of 1