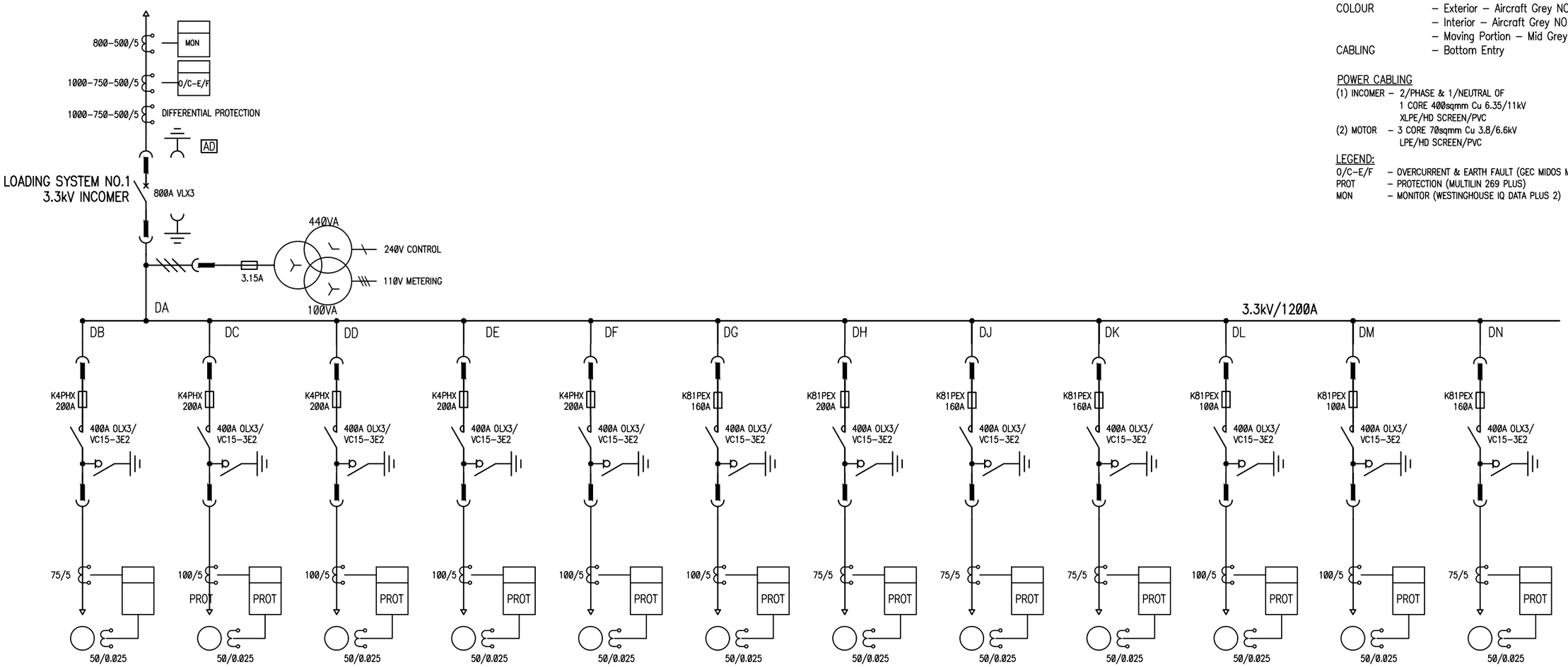
SYSTEM – 3.3kV, 3 Phase, 3 Wire, 50 Hertz
FAULT RATING – 18kA at 3.3kV to A.S.2006
INSULATION LEVEL – 40kV B.I.L./ 16kV Withstand
FINISH – Baked Enamel
COLOUR – Exterior – Aircraft Grey N0.693 to BS381C
– Interior – Aircraft Grey N0.693 to BS381C –
– Moving Portion – Mid Grey Shade N52 to AS2700–1985
CABLING – Bottom Entry

POWER CABLING
(1) INCOMER – 2/PHASE & 1/NEUTRAL OF
1 CORE 400sqmm Cu 6.35/11kV
XLPE/HD SCREEN/PVC
(2) MOTOR – 3 CORE 70sqmm Cu 3.8/6.6kV
LPE/HD SCREEN/PVC

LEGEND:
O/C–E/F – OVERCURRENT & EARTH FAULT (GEC MIDOS MCGG82)
PROT – PROTECTION (MULTILIN 269 PLUS)
MON – MONITOR (WESTINGHOUSE IQ DATA PLUS 2)



REV	DRAWN	DATE	DESCRIPTION	CHKD	DESIGN	APPRD
6A	BAP	22/03/23	C30021015 – SWITCHGEAR DEENERGISED	–	–	–
5	BAP	31/01/23	C30021015 – CC9, CC9A, CC10, CC16 AND CC3 NOW FED FROM SUB21	TAM	CRS	SOB
4	BAP	18/01/23	C30021015 – CC2, CC2A AND CC3A NOW FED FROM SUB21	TAM	CRS	SOB
3	BAP	09/01/23	C30021015 – CC12 & CC15 NOW FED FROM SUB21	ZET	CRS	SOB
2	BAP	19/10/22	C30021015 – CC4 NOW FED FROM SUB21	TAM	CRS	DJC
1	RWC	04/12/13	NEW BORDER DRAWING UPDATED & PFC ADDED.	ZKS		SOB

REF DWG	DRAWING TITLE

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* SIGNATURES CONTROLLED BY VAULT

Ext Ref No:

Work Order No:

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SCALE	NTS	DATE
DRAWN	R.TAILBY	16/07/96
CHKD	J. WAKEFIELD	20/07/96
DESIGN		
APPRD	J. WAKEFIELD	20/07/96

R.G.TANNA COAL TERMINAL
MAIN SUBSTATION
3.3KV SWITCHBOARDS "DA" TO "DP"
LOADING SYSTEM NO.1
SINGLE LINE DIAGRAM

DRAWING NO. 107–2462
A2 REVISION 6A
REGISTRATION NO. CMSUBL15

AUTOCAD PLOTTED :–