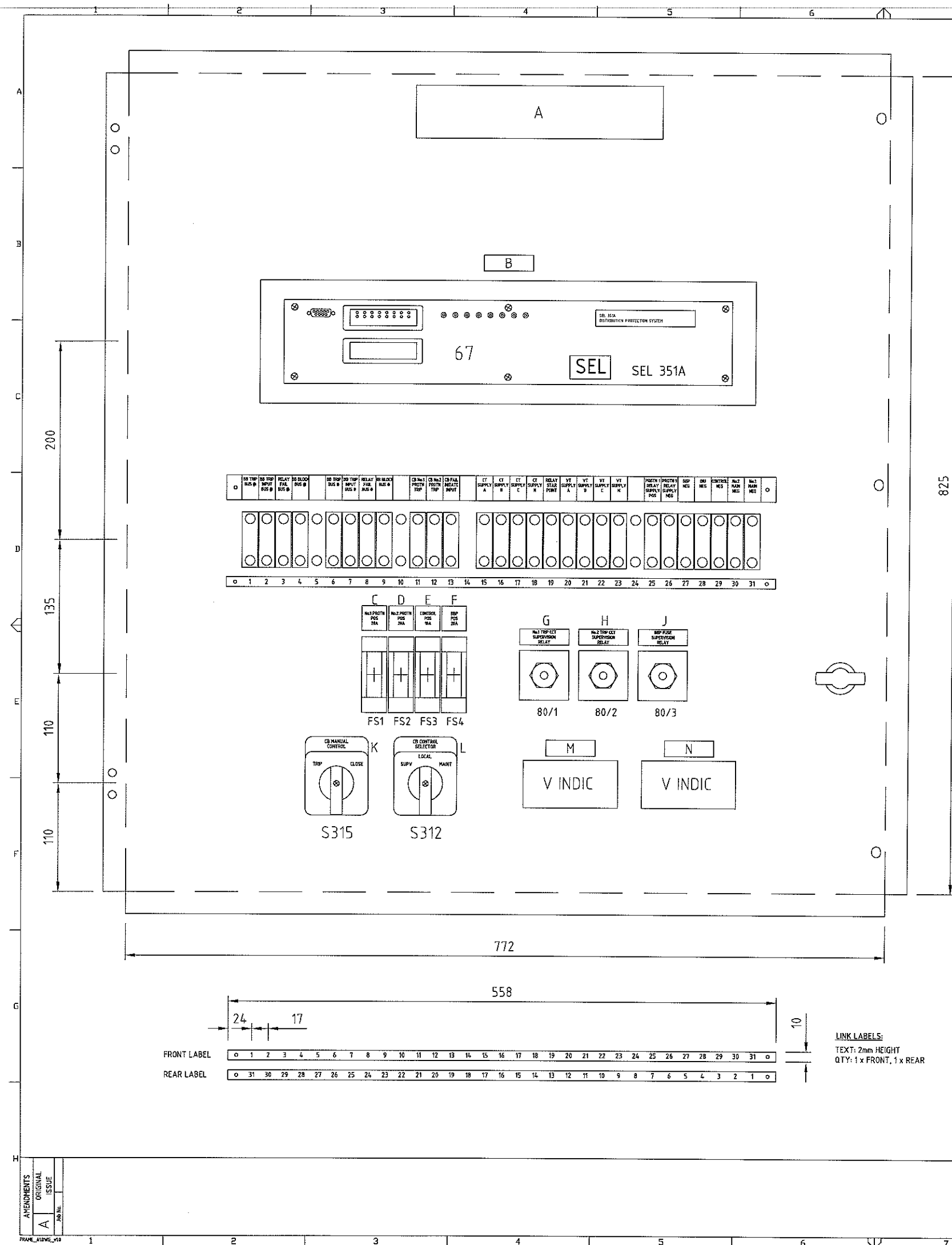
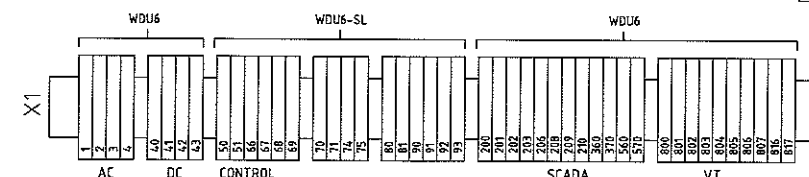
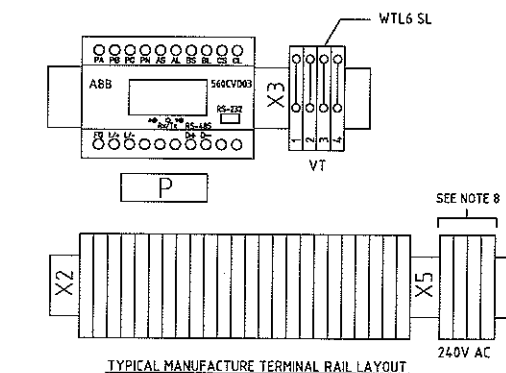




ITEM	DESCRIPTION	QTY	COMMENTS
67	BUSBAR O/C & E/F PROTECTION RELAY SEL-351A	1	FREE ISSUE BY EE
9501	CONTACT ARC SUPPRESSOR SEL TYPE 9501	1	FREE ISSUE BY EE
80/1, 80/2	No.1 & No.2 TRIP SUPERVISION RELAY RMS TYPE 1X20 (125V DC)	2	
80/3	BBP FUSE SUPERVISION RELAY RMS TYPE 1X20 (125V DC)	1	
D1	TERMINAL BLOCK WITH BUILT IN DIODE - WEIDMULLER DK4D/35	1	
FS1,2	No.1 & No.2 PROTECTION SUPPLY FUSE, TYPE SAFECLIP	2	
FS3	CONTROL SUPPLY, TYPE SAFECLIP	1	
FS4	BBP SUPPLY, TYPE SAFECLIP	1	
Q1	HEATER SUPPLY MCB DOUBLE POLES	1	
FSM/LKM	MOTOR SUPPLY FUSE/LINK, TYPE SAFECLIP	1	
4C	SUPERVISORY CLOSE RELAY IZUMI TYPE RH2B-UD, 120V DC	1	
4T1	SUPERVISORY TRIP RELAY IZUMI TYPE RH2B-UD, 120V DC	1	
4T2	MANUAL TRIP RELAY IZUMI TYPE RH2B-UD, 120V DC	1	
S312	SUPERVISORY-LOCAL-MAINTENANCE SELECTOR SWITCH TYPE K-N	1	
S315	TRIP-NEUTRAL-CLOSE CB OPERATION SWITCH TYPE K-N	1	
CVD	CT & VT MULTIMETER ABB 560CVD03 WITH LCD	1	
X1	INTERFACE TERMINAL BLOCK WEIDMULLER WDU6 AND WDU6-SL	AR	SEE NOTE 7
X2	MANUFACTURE TERMINAL BLOCK WEIDMULLER WDU6 AND WDU6-SL	AR	SEE NOTE 7
X3	MANUFACTURE TB WEIDMULLER WTL6 SL WITH TEST PLUG STB 36.8/H/GE WTL6/1	4	
X5	MANUFACTURE TERMINAL BLOCK WDU6 (AC WIRINGS)	4	
ET1,2,3	MANUFACTURE TERMINAL BLOCK WEIDMULLER WTL6-SL (EARTHING)	3	

LABELS				
LABEL	SIZE (WxH)	TEXT HEIGHT	QTY	INSCRIPTION
A	250x50	10mm	1	11KV BUS SECTION 1-2 (2-3) - CB ?????
B	50x16	2.5mm	1	BB & OC/EF - PROTECTION RELAY
C	25x25	2.5mm	2	No.1 PROT - POS - 20A
D	25x25	2.5mm	2	No.2 PROT - POS - 20A
E	25x25	2.5mm	2	CONTROL - POS - 10A
F	25x25	2.5mm	2	BBP - POS - 20A
G	50x16	2.5mm	2	No.1 TRIP CIRCUIT - SUPERVISION RELAY
H	50x16	2.5mm	2	No.2 TRIP CIRCUIT - SUPERVISION RELAY
J	50x16	2.5mm	1	BBP FUSE - SUPERVISION RELAY
K	50x16	2.5mm	1	CB MANUAL - CONTROL SWITCH
L	50x16	2.5mm	2	CB CONTROL - SELECTOR SWITCH
M	50x16	2.5mm	2	VOLTAGE - INDICATION - LH BUS
N	50x16	2.5mm	2	VOLTAGE - INDICATION - RH BUS
P	35x16	2.5mm	1	CVD - CT & VT MULTIMETER

NOTES:
1. ALL LABELS ARE MANUFACTURED OF GRAVOPLI BLACK WRITING WITH WHITE BACKGROUND.
2. "-" INDICATES NEW LINE.
3. LABEL FOR CONTROL SWITCHES ARE REQUIRED ON REAR ONLY, THE SWITCHES' ESCUTCHEON SHOULD ALREADY BE ENGRAVED WITH DESCRIPTION.
4. ALL OTHER EQUIPMENT WITHIN CONTROL PANEL MUST ALSO BE IDENTIFIED WITH LABELS.
5. INTERFACE TERMINAL BLOCK TYPES & LAYOUT AS PER DRAWING 390851
6. EXPOSED EQUIPMENT TEST LINK MUST BE COVERED WITH EQUIPMENT COVERS
7. ALL TERMINALS ARE OF SPRING LOADED TYPE, EXCEPT HEATER, SPRING MOTOR AND SCADA TERMINALS ARE OF NON SPRING LOADED TYPE.



EQUAQUIP - TEST LINKS		
LINK No.	COLOR	DESCRIPTION
LK1	RED	BB TRIP BUS @
LK2	GREY	BB TRIP INPUT BUS @
LK3	GREY	RELAY FAIL BUS @
LK4	GREY	BB BLOCK BUS @
LK5		
LK6	RED	BB TRIP BUS #
LK7	GREY	BB TRIP INPUT BUS #
LK8	GREY	RELAY FAIL BUS #
LK9	GREY	BB BLOCK BUS #
LK10		
LK11	GREY	CB No.1 PROT TRIP
LK12	GREY	CB No.2 PROT TRIP
LK13	GREY	CB FAIL INITIATE INPUT
LK14		
LK15	BLACK	CT SUPPLY - A
LK16	BLACK	CT SUPPLY - B
LK17	BLACK	CT SUPPLY - C
LK18	BLACK	CT SUPPLY - N
LK19	BLACK	RELAY STAR POINT
LK20	WHITE	VT SUPPLY - A
LK21	WHITE	VT SUPPLY - B
LK22	WHITE	VT SUPPLY - C
LK23	WHITE	VT SUPPLY - N
LK24		
LK25	GREY	PROT RELAY SUPPLY POS
LK26	GREY	PROT RELAY SUPPLY NEG
LK27	GREY	BBP NEG
LK28	GREY	DIU NEG
LK29	GREY	CONTROL NEG
LK30	GREY	No.2 PROT NEG
LK31	GREY	No.1 PROT NEG

LABEL SIZE 25H x 16W WITH 2mm TEXT HEIGHT.
2 LABELS PER LINK REQUIRED.

NOTES:

PANEL	⊙	#
BUS SECTION 1-2	1	2
BUS SECTION 2-3	2	3

LINK LABELS:
TEXT: 2mm HEIGHT
QTY: 1 x FRONT, 1 x REAR

APPROVED	PROTA	P.I.
DRAWN	PLE	
DATE	5-12-13	
CHKD	L.Li	



EQUIPMENT TECHNICAL SPECIFICATION (ETS003)
11/22KV BUS SECTION CB CONTROL & PROTECTION
BUSBAR BLOCKING SCHEME
TYPICAL PANEL LAYOUT & MATERIAL LIST

CONTROL & PROTECTION CIRCUIT DIAGRAM	390844
INTERFACE TERMINAL RAIL CONNECTION DIAGRAM	390851
DO NOT SCALE DIMENSIONS IN MILLIMETRES	
MANAGER PROJECT DEVELOPMENT	Rev. A
A1	390841
SHEET No. 1 OF 1 SHEETS	