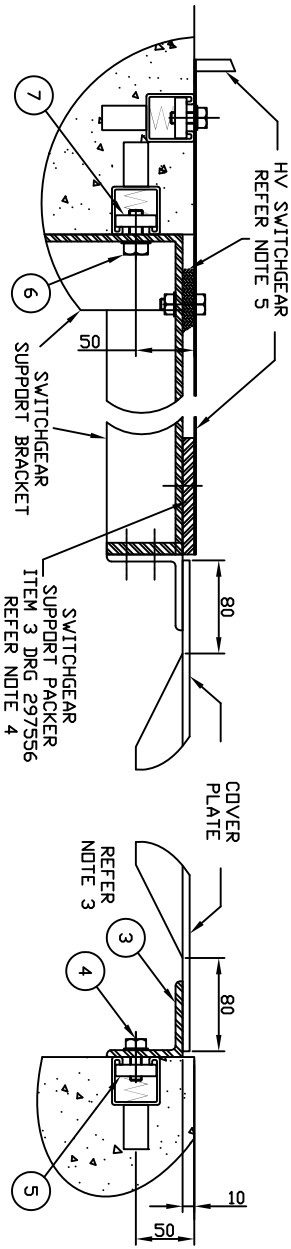
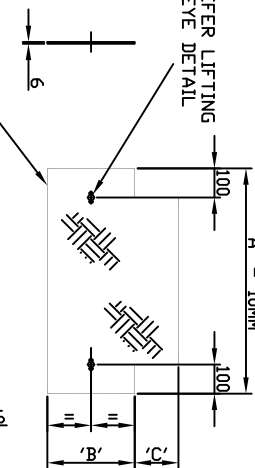


1. ALL WELDED CONSTRUCTION TO BE USED IN ACCORDANCE WITH AS1665.
2. ITEM 3 TO BE HOT DIP GALVANISED AFTER FABRICATION. NOTE, THIS ITEM IS REQUIRED ON BOTH SIDES OF TRENCH. IT IS NOT REQUIRED FOR THE SECTION OF TRENCH WHERE THE SWITCHGEAR IS TO BE MOUNTED. SEE EXAMPLE. ANGLES TO BE BOLTED AT 500mm CENTRES MAXIMUM WHERE POSSIBLE. SEE MOUNTING DETAIL BELOW.
3. WHERE FEWER UNITS OF SWITCHGEAR ARE REQUIRED REDUCE QUANTITY OF PLATE 2 AND ADD PLATE 3 ACCORDINGLY.
4. SWITCHGEAR SUPPORT PACKER ONLY REQUIRED WHEN SWITCHGEAR SITS ON CONCRETE AT REAR OF TRENCH.
5. ALL SWITCHGEAR TO SIT ON CONCRETE AT REAR OF TRENCH EXCEPT SAFELINK WHICH SITS FULLY ON SUPPORT BRACKETS.



HV SWITCHGEAR SUPPORT BRACKET DETAIL
SCALE NONE



COVER PLATE MOUNTING DETAIL
SCALE NONE

PLATE 2 AND 4 DETAIL
(DEPENDS ON SWITCHGEAR WIDTH)

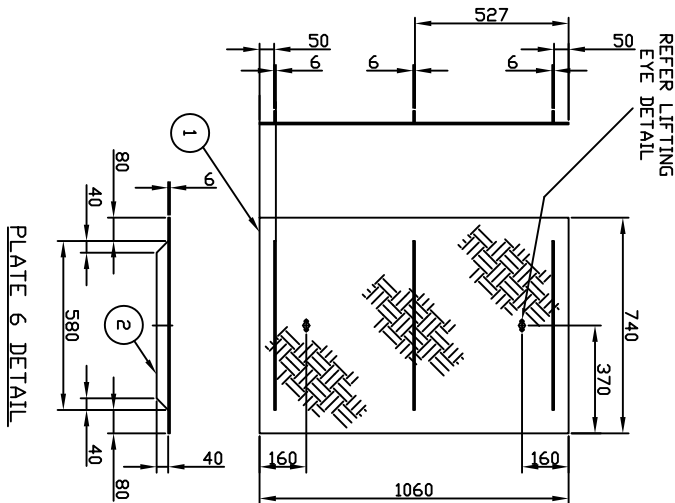
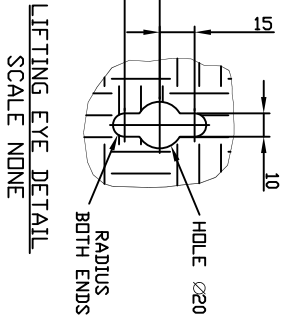


PLATE 6 DETAIL



LIFTING EYE DETAIL
SCALE NONE

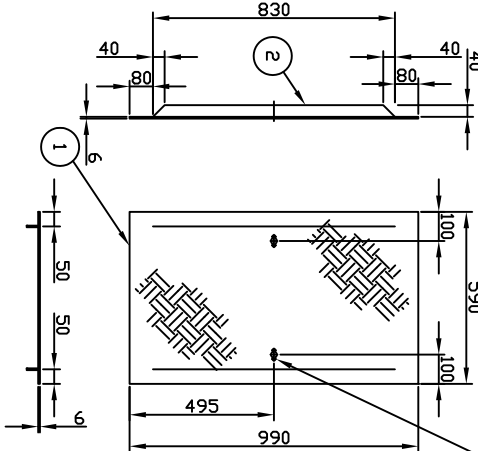
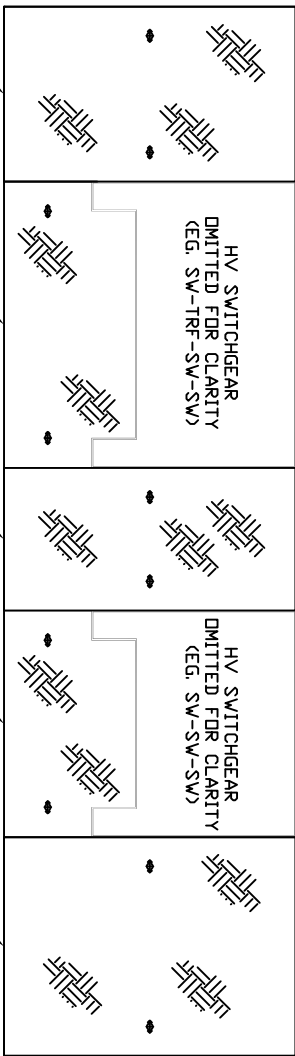
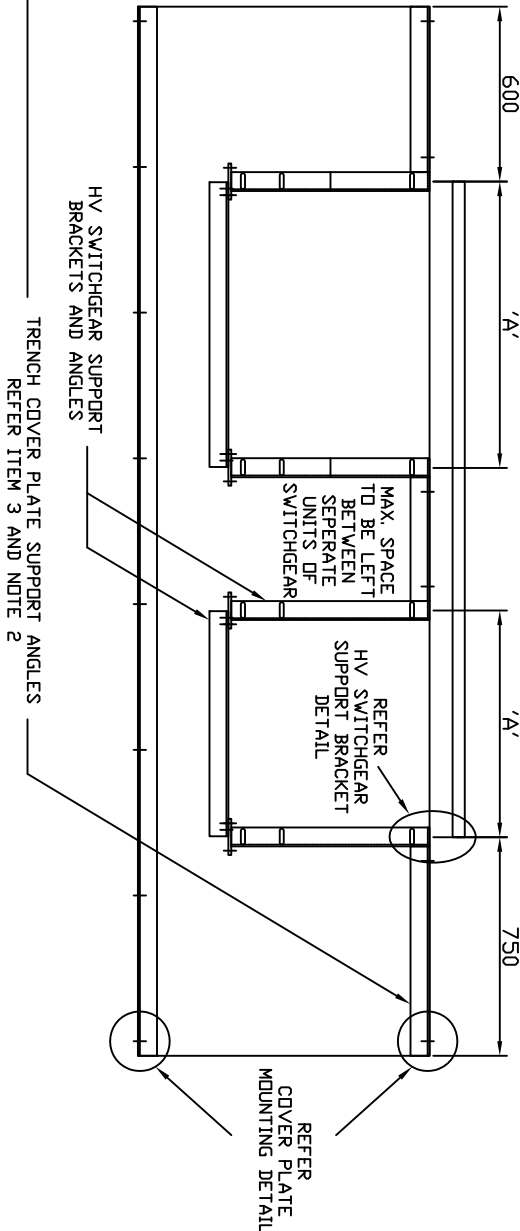


PLATE 1 DETAIL

PLATE 3 AND 5 DETAIL
(AS FOR PLATE 1 BUT WIDTH AS REQUIRED
- MAX WIDTH ANY PLATE 750MM)

MARKED UP FOR PROPOSED SUBSTATION AT:	

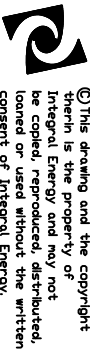
TYP. SW/GEAR DIMENSIONS			
BRAND	'A'	'B'	'C'
SM6	375	300	0
SVS	420	430	0
SAFELINK 3 FUNCTION	775	320	150
SAFELINK 4 FUNCTION	980	320	150
RM6 3 FUNCT.	1186	410	0
RM6 4 FUNCT.	1619	410	0
BDJH-SFS	1050	410	0
BDJH-SFSS	1360	410	0
BDJH-SSS	930	410	0
BDJH-SSSS	1240	410	0
-	-	-	-



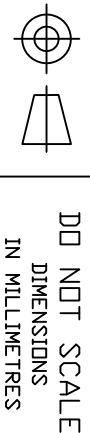
COVER PLATE AND SUPPORT LAYOUT
TO SUIT LV TRENCH
SCALE: NIL

TYPICAL COVER PLATE AND SUPPORT LAYOUT TO SUIT A 3600 LONG TRENCH
WITH 2 SEPARATE UNITS OF HV SWITCHGEAR INSTALLED
SCALE: NIL

ITEM NO	VOCAB /DRG	DESCRIPTION	QTY	REFER
1	N/A	TREADPLATE ALUMINIUM 6mm x WIDTH & LENGTH TO SUIT	AR	-
2	N/A	BAR ALUMINIUM FLAT 40 x 6 x LENGTH TO SUIT	AR	-
3	N/A	ANGLE STEEL 65 x 65 x 6 x LENGTH TO SUIT	AR	NOTE 2
4	N/A	BOLT STEEL HEX HD GALV M10 x 35 LG	AR	-
5	N/A	NUT UNISTRUT SPRING LOADED P1008 M10	AR	-
6	N/A	BOLT STEEL HEX HD GALV M12 x 35 LG	AR	-
7	N/A	NUT UNISTRUT SPRING LOADED P1008 M12	AR	-



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COVER PLATE LIFTING HANDLE DETAIL	
SW/GR SUPPORT BRACKET DETAIL	69526
HV AND LV SW/GR TRENCH DETAIL	297556
REFERENCE DRAWINGS	297547

AMENDMENTS	
A	ORIGINAL ISSUE
B	DR'N GSF CH'D GSF DATE 14-04-07 JR No --
C	REDRAWN TO ACCOMMODATE PADMOUNT STYLE HV SWITCHGEAR. DSM GSF DR'N GSF CH'D GSF DATE 14-07-15 JR No --
	SIEMENS 8DJH DETAIL ADDED NSM C.Chisafulli

ORIGINAL SCALE	
DRAWN G. Ford	APPROVED G. Ford
DATE 08/07/2005	
CHD G. Ford	INDEX REF: S008A

INTEGRAL ENERGY
INDOOR DISTRIBUTION SUBSTATION
STANDARD SWITCHGEAR TRENCH
COVER PLATE AND SUPPORT ANGLE FABRICATION
WITH INSTALLATION DETAILS

AUTHORISED	
MANAGER ASSET ENGINEERING W. Isley	08/07/2005
A3	297555
SHEET No 1 OF 1 SHEETS	C