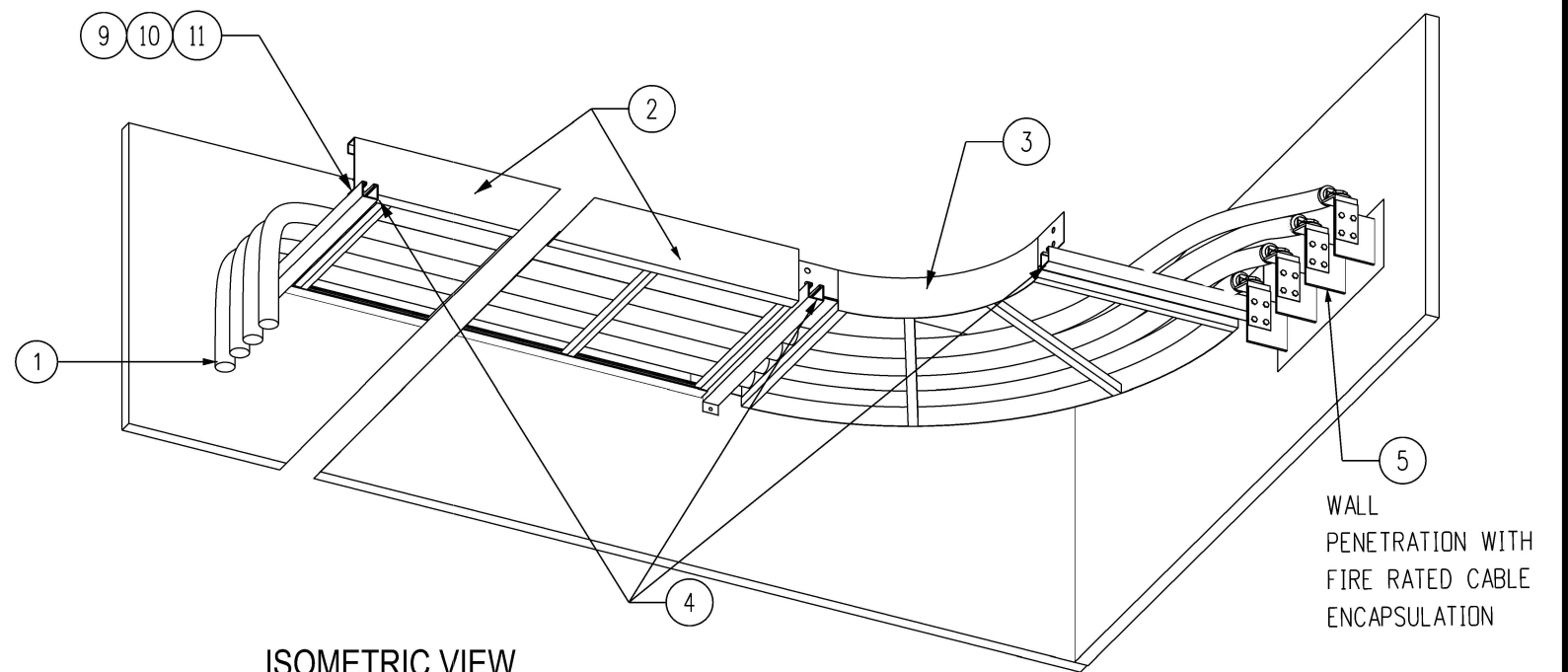


ISOMETRIC VIEW

ROOF SUSPENDED INSTALLATION FROM TRANSFORMER LV BUSHINGS TO WALL MOUNTED CIRCUIT BREAKER SHOWN

NOTES:

1. MAXIMUM DISTANCE BETWEEN CANTILEVER SUPPORTS SHALL BE 2 METRES.
2. MAXIMUM DISTANCE BETWEEN SUSPENDED CABLE LADDER SUPPORTS SHALL BE 2 METRES.
3. SECURE THE CANTILEVER AND ROOF SUSPENDED CABLE LADDER WITH FITTINGS RATED TO SUPPORT 200KG.
4. CONNECT CABLE LADDERS TOGETHER AS PER MANUFACTURERS INSTRUCTIONS.
5. SECURE SINGLE CORE CABLES TO CABLE LADDER WITH AN APPROVED CABLE CLEAT (ITEM 16) EVERY 2 METRES, WITH A MINIMUM OF 3 STAINLESS STEEL CABLE TIES WITH PCS CUSHION SLEEVE (ITEM 15) IN BETWEEN.
6. SECURE TREFOIL CABLE S02-02-07-49 ARRANGEMENTS TO CABLE LADDER WITH AN APPROVED TREFOIL CABLE CLEAT (ITEM 14) EVERY 2 METRES, WITH A MINIMUM OF 3 STAINLESS STEEL CABLE TIES WITH PCS CUSHION SLEEVE (ITEM 15) IN BETWEEN.
7. CABLES SHALL ENTER TRANSFORMER CABLE BOX VIA SUITABLE CABLE GLANDS.
8. REFER TO S02-02-07-49 FOR MCCB AND CABLE LAYOUT.
9. CABLES SHALL BE SUITABLY FIXED OR OTHERWISE RETAINED IN POSITION TO AVOID UNDUE MOVEMENT OR STRESS AT TERMINALS OF ELECTRICAL EQUIPMENT, OR IN ACCORDANCE WITH AS 3000.



ISOMETRIC VIEW

WALL MOUNTED CANTILEVER INSTALLATION, FROM WALL MOUNTED CIRCUIT BREAKER TO WALL BUSHINGS SHOWN

ITEM	QTY	DESCRIPTION	ITEM NUMBER	DWG No.
16	AR	SINGLE OR MULTI-CORE CABLE CLEAT	-	S02-01-09-03
15	AR	SELF LOCKING STAINLESS STEEL CABLE TIES WITH CUSHION SLEEVE	-	S02-01-09-01
14	AR	TRIFOIL CABLE CLAMP TO FIT NEMA CABLE LADDER	-	S01-01-04-53
13	AR	NEMA-16A SPLICING NUT, HOT DIPPED GALVANIZED, LEG41	502359	-
12	AR	NEMA-16A SPLICING SCREW, HOT DIPPED GALVANIZED, LEG40	502358	-
11	AR	M12 x 30mm BOLT, HOT DIPPED GALVANIZED	-	-
10	AR	SPRING NUTS FOR P1000 CHANNEL TO SUIT M12 BOLTS, HOT DIPPED GALVANIZED, P1010H	502357	-
9	AR	HOLD DOWN BRACKET FOR NEMA-16A LADDER, HOT DIPPED GALVANIZED, LEG50	502352	-
8	AR	UNISTRUT M12 STEEL THREADED ROD, HOT DIPPED GALVANIZED, OR SIMILAR APPROVED ROD	503598	-
7	AR	UNISTRUT P1000-HG, HOT DIPPED GALVANIZED CHANNEL, 6 METRE LENGTH	8680	-
6A	1	NEMA 16A EXTERNAL RISER 600mm WIDE, 450mm RADIUS, HOT DIPPED GALVANIZED, LEG136	502351	-
6	1	NEMA 16A EXTERNAL RISER 450mm WIDE, 450mm RADIUS, HOT DIPPED GALVANIZED, LEG134	502350	-
5	1	WALL BUSHING	-	S02-02-07-06
4A	AR	CANTILEVER SUPPORT 700mm LONG, P2663-700	502349	-
4	AR	CANTILEVER SUPPORT 550mm LONG, P2663-550	502001	-
3A	1	NEMA 16A FLAT BEND 600mm WIDE, 450mm RADIUS, HOT DIPPED GALVANIZED, LEG116	502348	-
3	1	NEMA 16A FLAT BEND 450mm WIDE, 450mm RADIUS, HOT DIPPED GALVANIZED, LEG114	502347	-
2A	AR	NEMA 16A CABLE LADDER 600mm WIDE, HOT DIPPED GALVANIZED, 6 METER LENGTH, LEG106	502346	-
2	AR	NEMA 16A CABLE LADDER 450mm WIDE, HOT DIPPED GALVANIZED, 6 METER LENGTH, LEG104	502345	-
1	AR	COPPER FLEXIBLE CABLE R-EP-110	-	S02-01-01-41

MATERIAL SCHEDULE

NO	DESCRIPTION	DRN	DATE	CKD	APPD
4	NOTE 9 ADDED	B.B.	MAR'25	B.B.	B.V.
3	CORRECT NUMEROUS SPELLING MISTAKES.	C.C.	FEB'21	B.V.	B.C.
2	TITLEBLOCK & DRAWING NUMBERS FORMATTED	K.T.	FEB'19	C.C.	C.C.
1	NOTES AMENDED, ITEM 15 AND 16 ADDED	A.T.	AUG'16	I.B.	B.C.
0	ISSUED FOR CONSTRUCTION	C.C.	JUN'14	A.T.	B.C.



DES		POWER STANDARD DRAWING	
DES	B.CHEUNG	INDOOR SUBSTATIONS LV CABLE LADDER ARRANGMENTS	
DRN	C.COPPINS		
CKD	A.TAYLOR		
APPD	B.CHEUNG		
SCALE	N.T.S.		
ISSUED	JUN'14	A3	DRAWING NUMBER S02-02-07-62
ALL DIM. IN mm			
DRAFTING STANDARD TO A.S.1100		CAD PRODUCT - DO NOT AMEND MANUALLY	

