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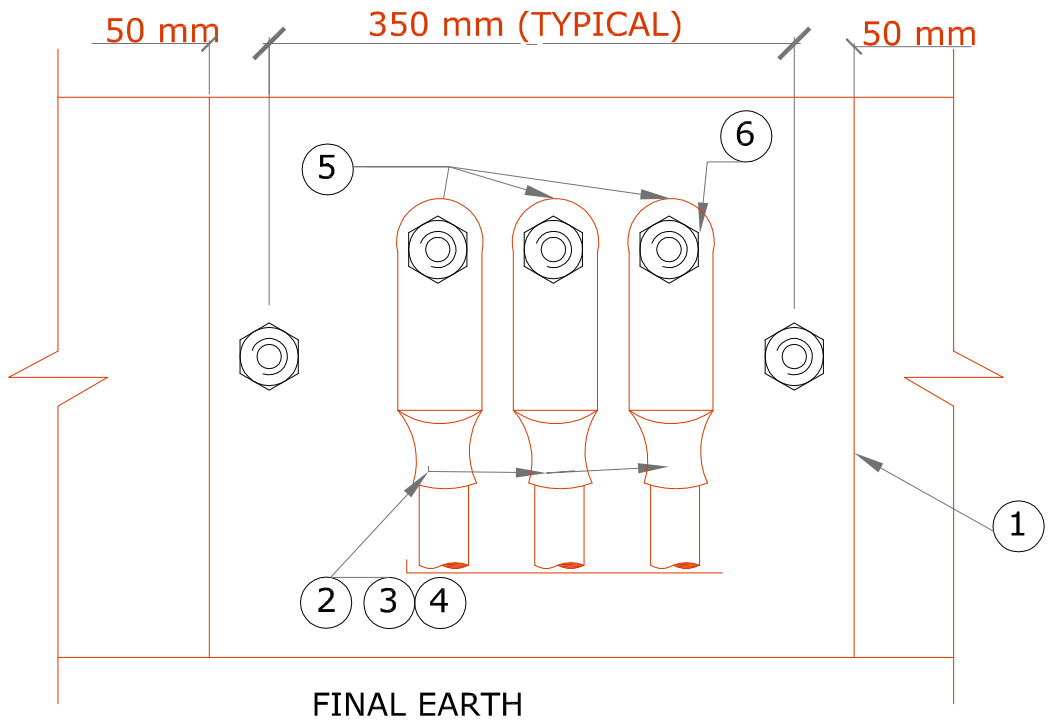
ITEM NO.	DESCRIPTION	QTY	REMARK
1	50 X T mm FLAT JUMPER (MOC AS PER EARTHING STRIP MOC, 250mm LONG) T- AS PER EARTHING STRIP THICKNESS	AS REQUIRED	ELECTRICAL CONTRACTOR SCOPE
2	35 or 25 mm² PVC STRANDED COPPER EARTH WIRE	AS REQUIRED	
3	25 or 16 mm² PVC STRANDED COPPER EARTH WIRE	AS REQUIRED	
4	16 or 10 mm² PVC STRANDED COPPER EARTH WIRE	AS REQUIRED	
5	COMPRESSION LUG TO SUIT ITEM 2 , 3 AND 4 (BI-METAL)	AS REQUIRED	
6	M10 X 30 LONG BOLT COMPLETE WITH NUT WASHER & SPRING WASHER (MOC AS PER EARTHING STRIP MOC)	AS REQUIRED	

EARTH BAR DRILLED TO SUIT WITH M10 CLEARANCE HOLE



FINAL EARTH CONNECTION TO ELECTRICAL EQUIPMENT

NOTES:-

1. ALL DIMENSION ARE IN MILLIMETERS (mm)
2. ALL DAMAGE TO GALVANIZED FINISHES SHALL BE MADE GOOD WITH ZINC RICH PAINT.
3. ALL NUT , BOLT AND WASHER SHALL BE GALVANIZED OR ZINC PASSIVATED.
4. WHERE EARTH CONDUCTOR (50 x 6 FLAT) RUNS ADJACENT TO CONCRETE IT SHALL BE ATTACHED TO CONCERETE WITH HOLD DOWN CLAMPS AT 750mm CENTRES. WHERE RUN ADJACENT TO STEEL WORK IT SHALL BE TACK WELDED TO STEEL @ 750 mm CENTERS.
5. ALL TYPICAL CONFIGURATION OF WELDED JOINTS IN EARTH BARS REFER DRAWING no:-
6. FINAL EARTH CONNECTION TO MOTORS AND PUSHBUTTON STATION SHALL BE MADE USING PVC INSULATED STRANDED ALUMINIUM EARTH CONDUCTOR .

Rev.	Date	Changed	Checked	Kind of revision	No. Of Prints	Date	Issued To

File name :

Project: INTEGRATED VACCINES COMPLEX, HLL BIOTECH LIMITED,

Project No.: 120310

Location CHENGALPATTU

nne pharmaplan®
NNE Pharmaplan India Limited
#12, Achiah Shetty Layout, Bangalore - 560 080., INDIA.

Description: TYPICAL DRAWING FOR EARTHING JUMPER

	Date	Name
Drawn	26.04.2014	NVKK
Checked	26.04.2014	BAKD
Approved	26.04.2014	VNIR
Scale-NTS	Units : mm	Size : A4

Drawing no: NPI/120310/ELC(STD)/S1/08 Rev. 00