

PLAN VIEW – TERRACE(INDICATIVE)

SECTION A-A

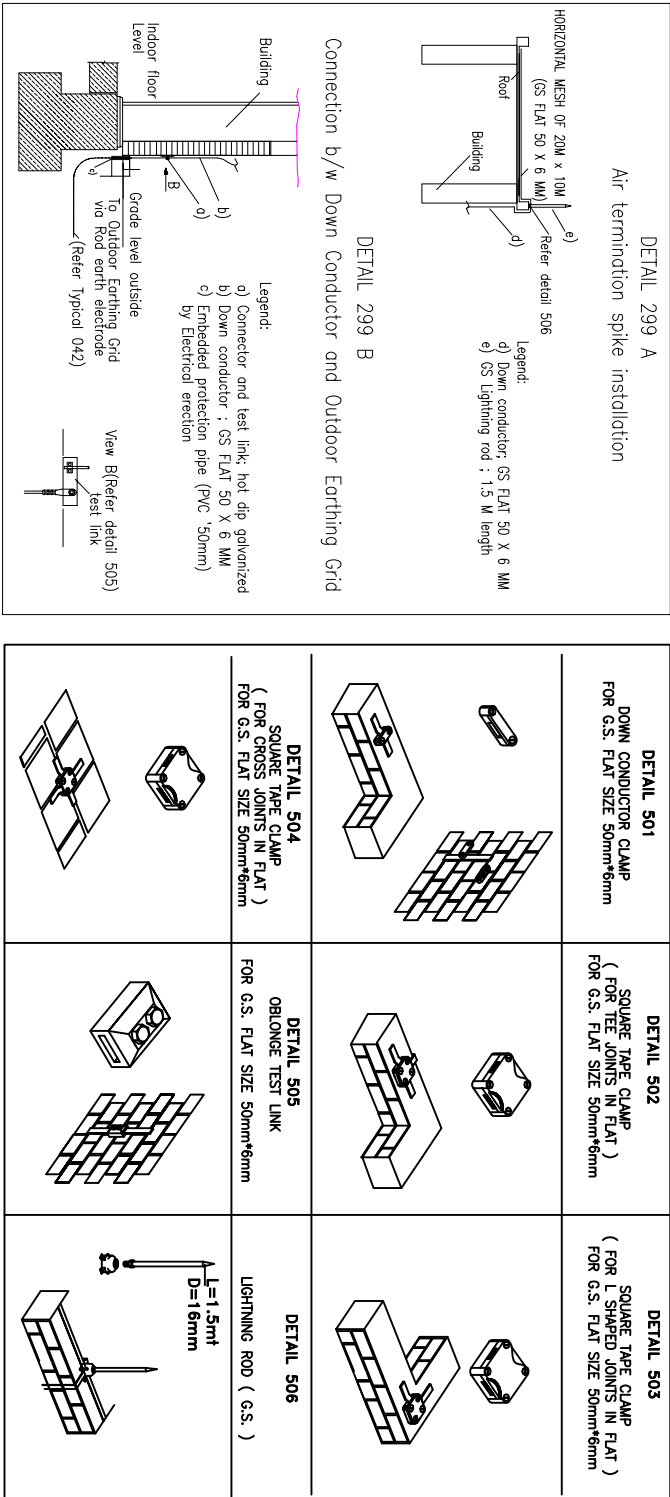
LEGEND FOR LIGHTNING PROTECTION

- Air Termination Conductor (With Clamp)
- Down Conductor And Ground Rod Electrode

No. of down conductor required Perimeter Of Bldg Terrace(66M) = 4 NOS. APPROX. 20

NOTES FOR LIGHTNING PROTECTION:

- All dimensions are in mm and levels are in metres unless otherwise specified.
- All metalwork on the structure is bonded to the air termination network
- The vertical down conductor running along the outside of the building wall shall be placed at the site such that there is no overlap/clash with windows, walls, stair case etc
- Horizontal air termination network on the roof (Parapet) to be formed with GS FLAT conductor (using details 501–504)
- The lightning protection layout drawings are indicative and shall be executed as per actual building architecture.
- TYP. : To be executed similarly wherever applicable.
- Lightning protection shall be carried out as per IS-2309.





GUJARAT ENERGY TRANSMISSION CORPN.LTD.
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<u>LIGHTNING PROTECTION DRAWING FOR CONTROL ROOM BUILDING OF 66/11KV SS</u>					
		<u>DRAWN:</u>	<u>CHECKED:</u>	<u>APPD:</u>	
		JE(ENGG.)	EE(ENGG.)	SE(ENGG.), CE(ENGG.)	<u>SIZE:</u> A3
		<u>SCALE:</u>	<u>DATE:</u>	<u>GETCO DRG. NO:</u>	<u>SHEET:</u> REV.
R0.	FIRST ISSUE		26.10.17		
REV:	<u>DESCRIPTION:</u>	<u>DATE:</u>		1 OF 1	0