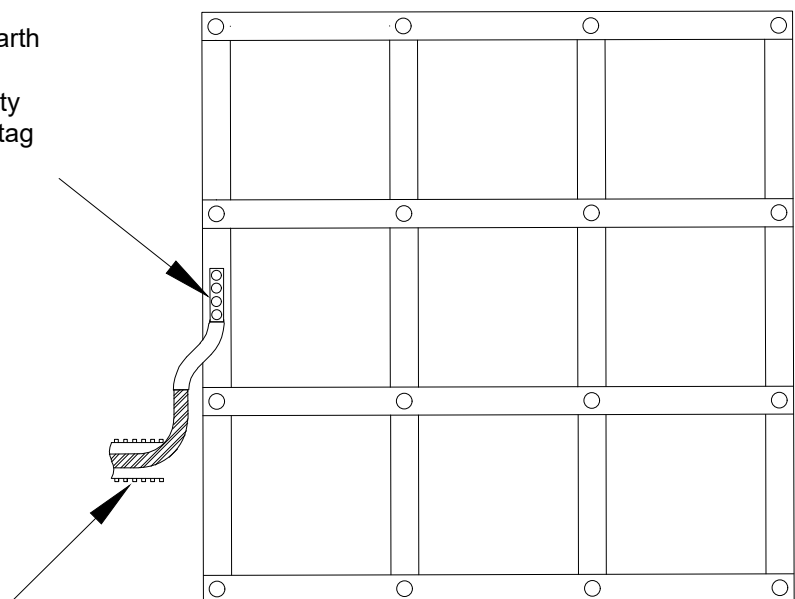


Copper earth mat size to be designed accordingly

Earth bond to earth electrode mat including a safety electrical earth tag HST-1400-003 label D



Testing

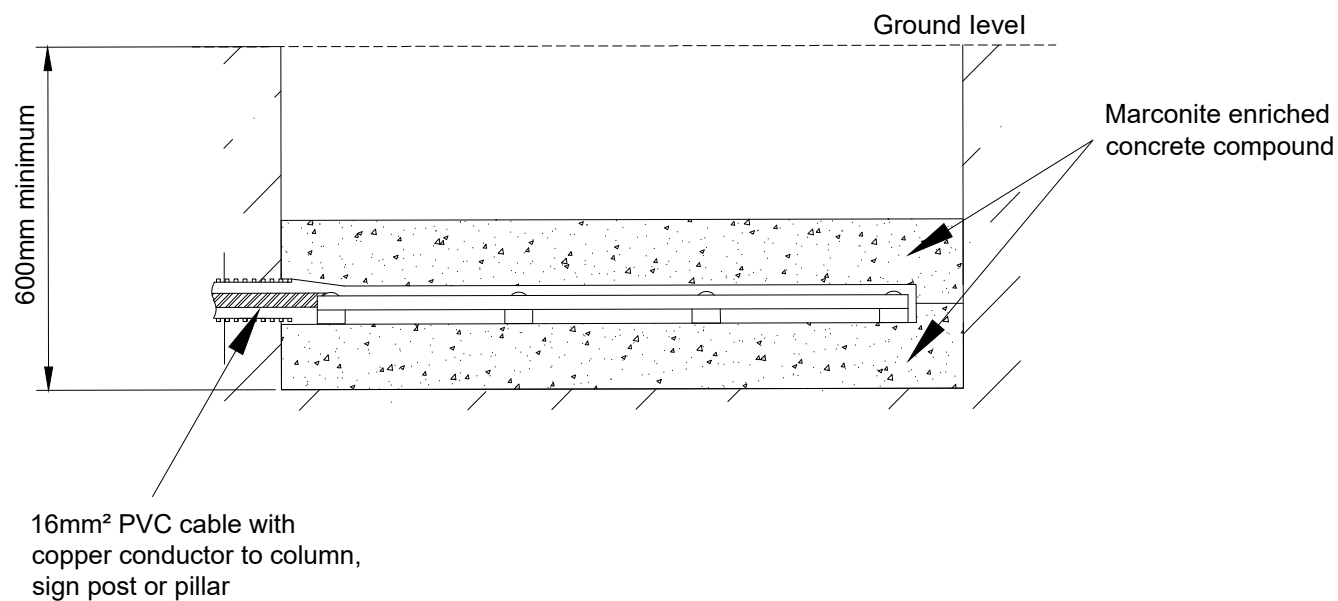
Earth electrode mat shall be tested as per BS7671 by an approved method, as stated in section 643.7.2 of the current I.E.T wiring regulations.

Notes

The earth electrode mat and cabling arrangements shall conform to chapter 54 section 542.2-543.4 of the current I.E.T wiring regulations BS7671.

The warning label shall comply with chapter 51 section 514.13 of the current I.E.T wiring regulations BS7671, label to be pillar/column/sign post.

2 bags of Marconite carbon enriched concrete compound are to be used, one to be mixed and set in the base of the excavation and spread evenly across the base of excavation, the earth electrode mat placed in the excavation with the 16mm earth cable connected and ducted to the relevant equipment, then the second bag of mixed Marconite carbon enriched concrete compound installed on the top of the mat. The surface can be relaid once the Marconite carbon enriched concrete compound has set.



Notes

A	Various drawing revisions	AS	RC	DOK	07/21
	Description	Dwn	Chk	App	Date

IWP No.					
	CAD	Drawn	Checked	Approved	
Initials	PB	PB	ADS	PW	
Date	01/10	04/10	04/10	04/10	
Sht. No.	1 OF 1				
Scales	NTS				

Drg No.	HST-1400-039	Rev.	A
Project Title	HCC STANDARD DETAIL DRAWINGS		
Drawing Title	EARTH ELECTRODE MAT		



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