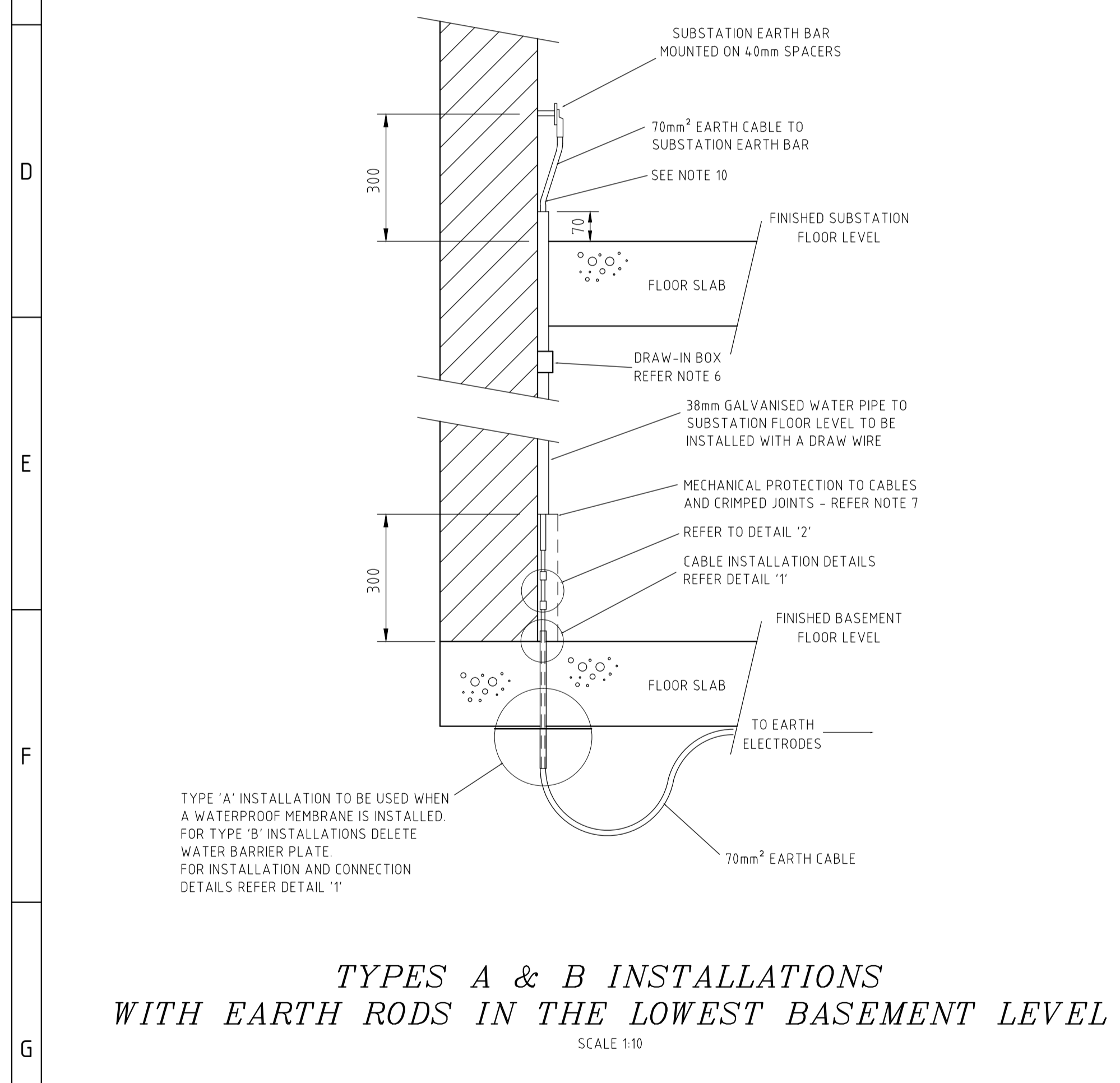
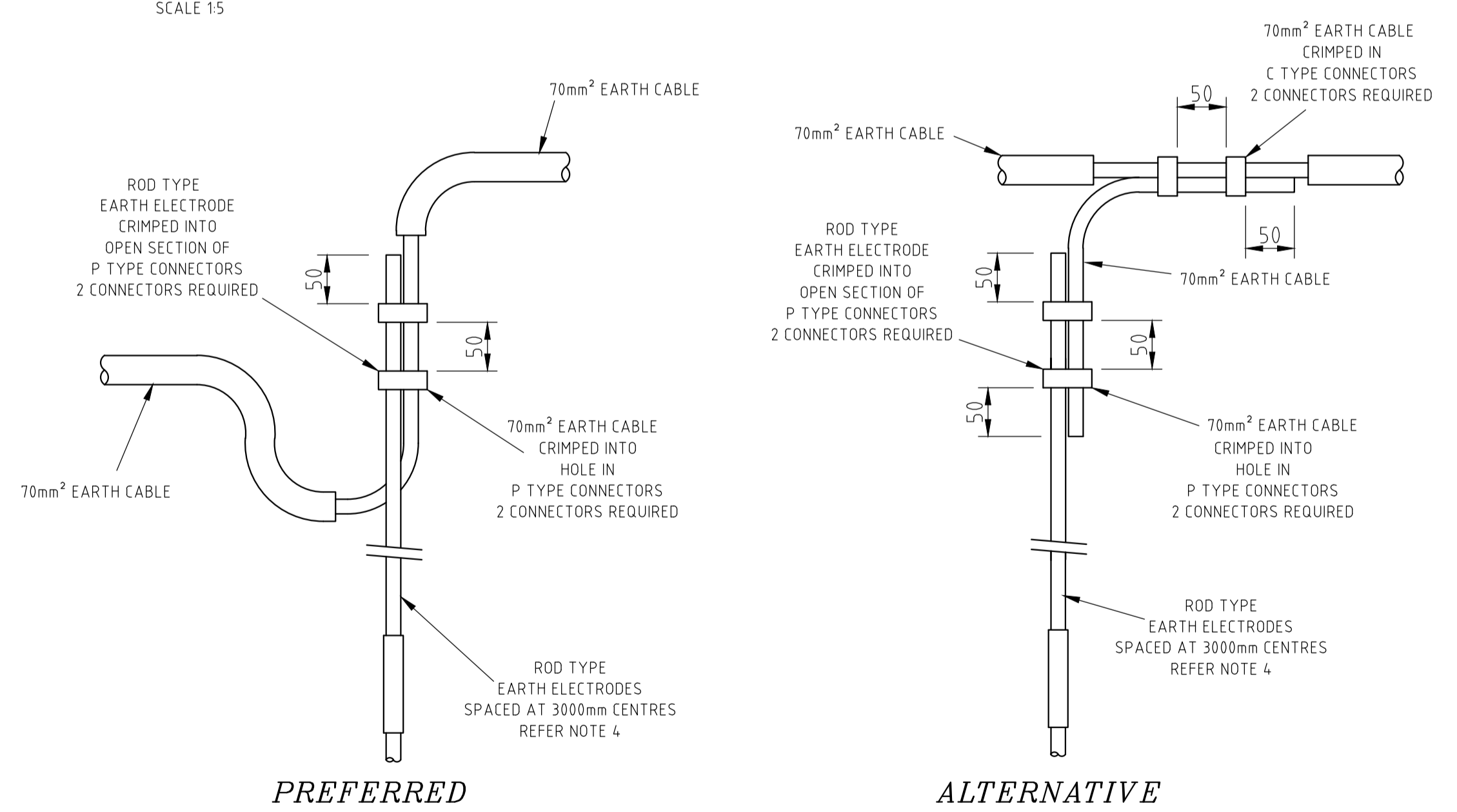
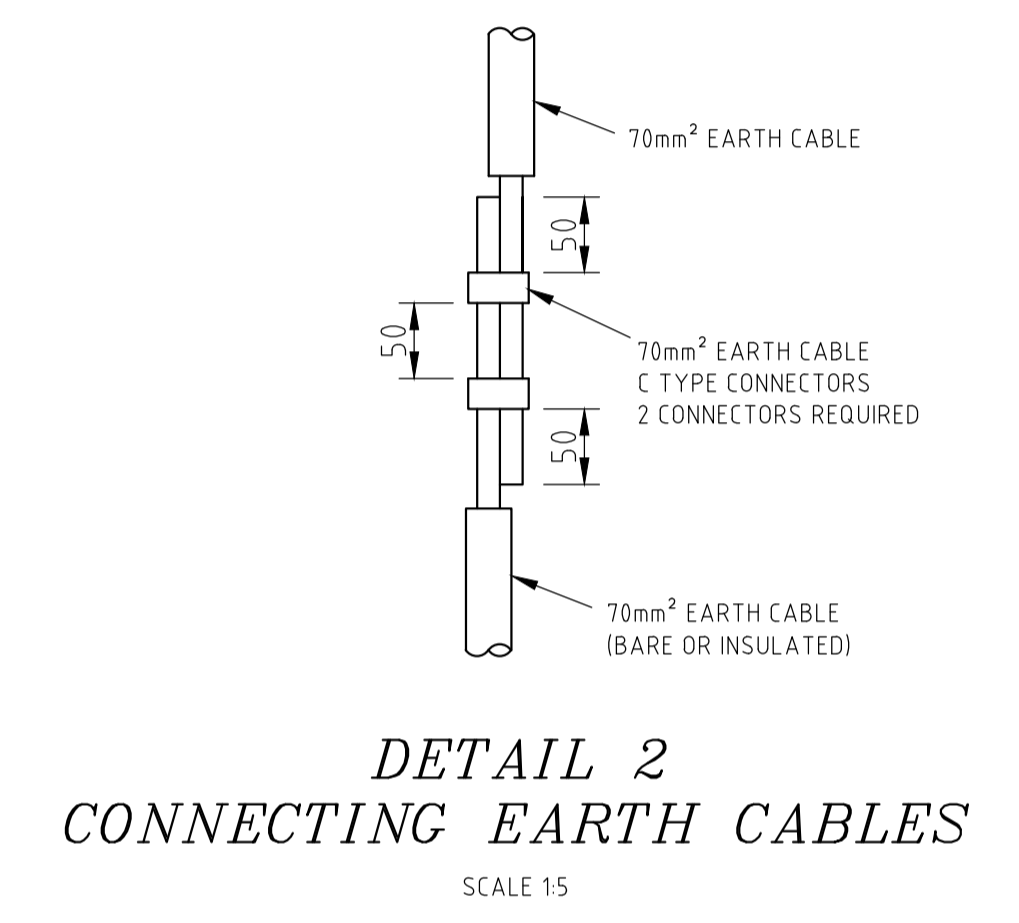
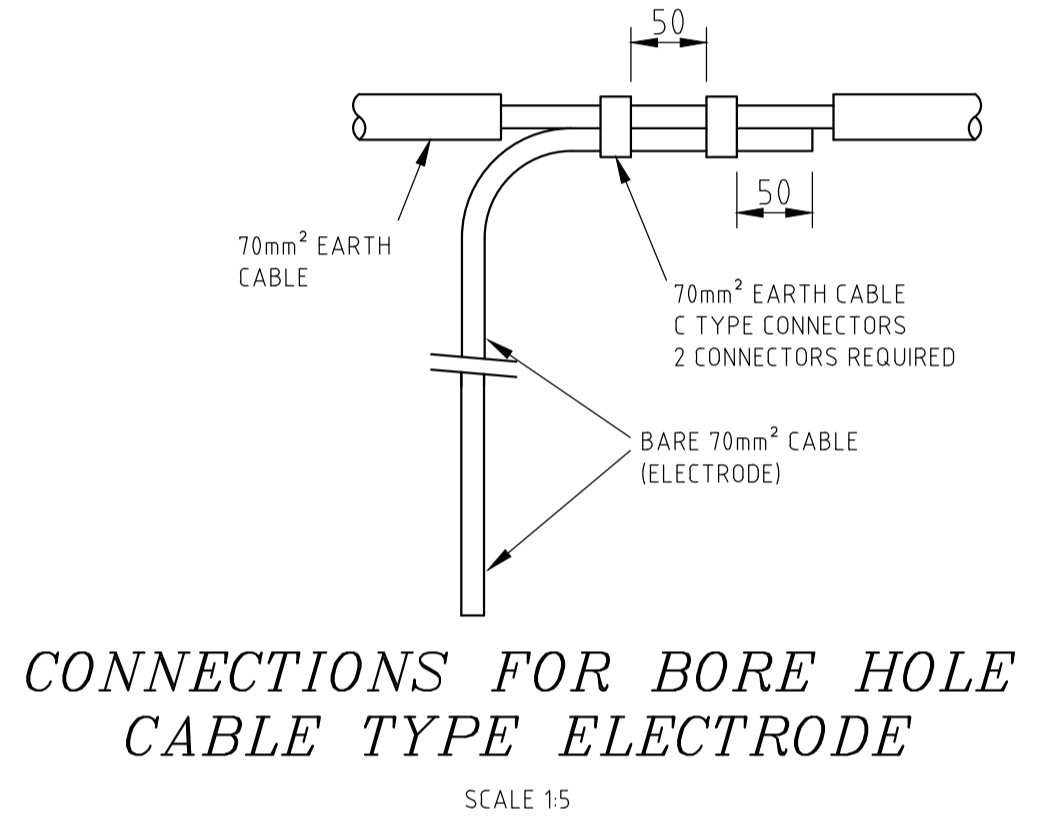
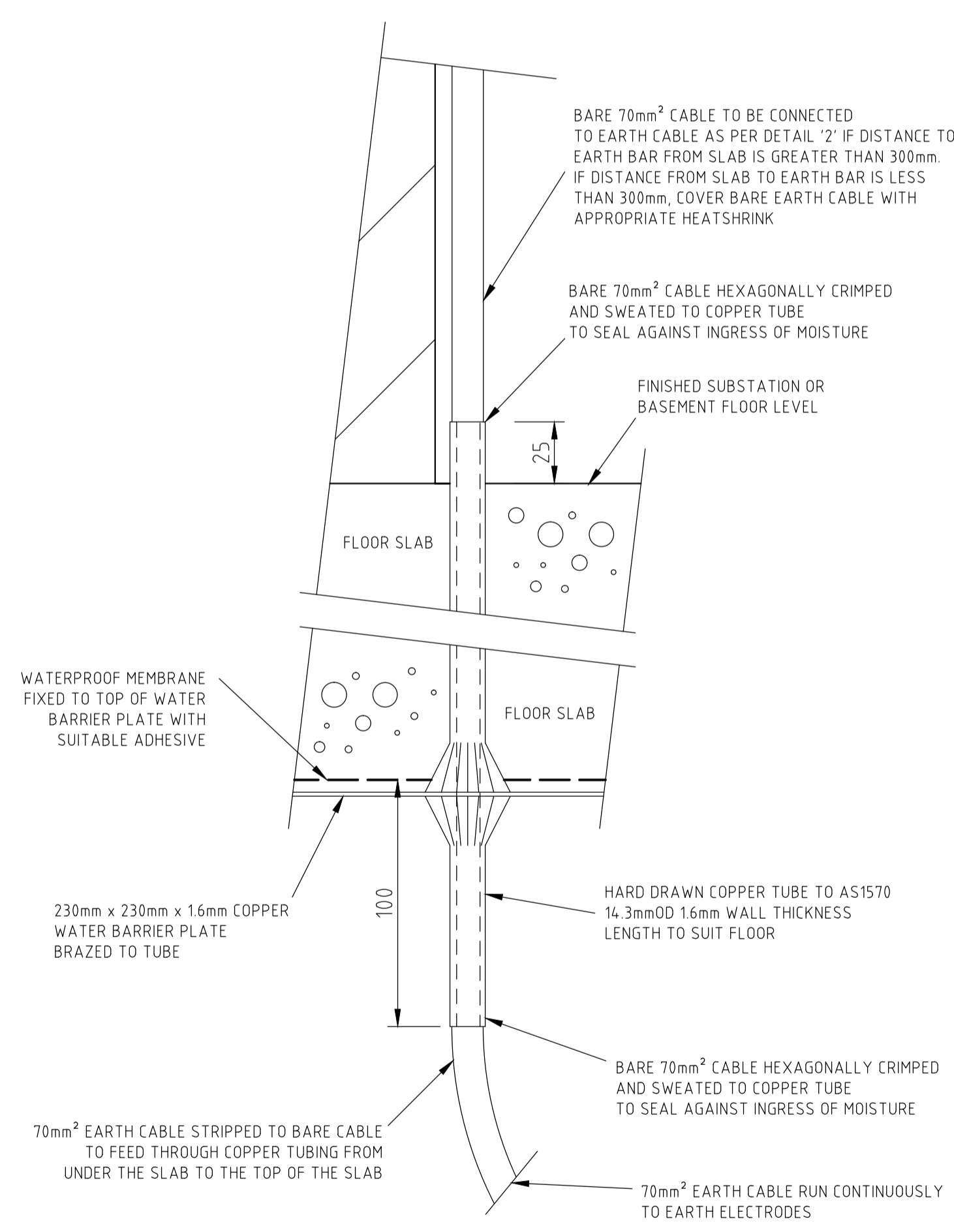


TYPE 'A' INSTALLATION TO BE USED WHEN A WATERPROOF MEMBRANE IS INSTALLED. FOR TYPE 'B' INSTALLATIONS DELETE WATER BARRIER PLATE. FOR INSTALLATION AND CONNECTION DETAILS REFER DETAIL '1'

TYPES A & B INSTALLATIONS CONSTRUCTED WITH TOPPING SLAB
SCALE 1:10



IF THE CHAMBER SUBSTATION SITE DOES NOT MEET THE CRITERIA FOR STANDARD MINIMUM EARTHING, A SITE SPECIFIC EARTHING DESIGN MUST BE UNDERTAKEN



DETAIL 1 WATER BARRIER PLATE INSTALLATION
SCALE 1:2

CONNECTIONS FOR DRIVEN ROD TYPE EARTH ELECTRODES
SCALE 1:5

1	2	3	4	5	6	7	8	9	10	11	12
CAD DRAWING DO NOT MANUALLY AMEND	AMENDMENTS SHOW VARIOUS TYPES OF INSTALLATIONS. PWJ 11/12/20 CHECKED: DTC APPROVED: DGH	13. REF E2, C10 DRAW-IN BOX AND NOTES 6 AND 7 ADDED. PWJ 11/19/20 CHECKED: BJT APPROVED: DGH	14. EARTH ROD SPACING AND NOTES ALTERED TO NETWORK STANDARDS. PN 99/10/7/5 PWJ 25/01 CHECKED: MP APPROVED: MP	15. NOTES 1 AND 4 ALTERED. TITLE CHANGED FROM SUBSTATION EARTHING TYPICAL INSTALLATION OF EARTH ELECTRODES. DRAWN: MP 18/1/05 CHECKED: IWR APPROVED: IWR	16. DETAILS & REFERENCES TO TUBE TYPE COMPRESSION FITTINGS REPLACED BY C AND P TYPE COMPRESSION FITTINGS. NOTE 4 UPDATED. PN E5/03/59/1/2 DRAWN: PWJ 4/9/06 CHECKED: IWR APPROVED: IWR	17. NEW DRAWING BORDER ADDED. TYPE EARTH ELECTRODES REMOVED. ROD TYPE ELECTRODES DETAIL ADDED. P/N PH02-02010-1-4-1 C/MABBUTT 10/01/12 CHECKED: P.JARVIS APPROVED: P.JARVIS	18. DETAIL FOR BORE HOLE EARTHING ADDED. DETAIL '2' ADDED. DETAIL '1', TYPE 'A' & TYPE 'B' AMENDED TO SHOW NEW CABLE CONNECTION METHOD. TO COPPER TUBING NOTES 1, 4, 6 & 8 AMENDED NOTE 9 & 10 ADDED P/N PH02-02010-1-4-1 C/MABBUTT 14/03/12 CHECKED: P.JARVIS APPROVED: NOKELLY	19. NOTE 1 AND EARTHING DESIGN NOTE ALTERED TO REFLECT CRITERIA FOR STANDARD MINIMUM EARTHING DESIGN. PN DPEX 6568-1-1-6 C/JARVIS 24-6-16 C/MABBUTT/CHADAN BISLA/DOON/CHADAN APPROVED: D.GREEVY	20. NETWORK STANDARD SCALE DESIGNED DRAWN CHECKED APPROVED DATE PROJECT NUMBER PROJTRAK NUMBER	AS SHOWN SIGNED ON ORIGINAL	CHAMBER SUBSTATION EARTHING TYPICAL INSTALLATION OF EARTH ELECTRODES

CONSTRUCTION

Ausgrid
ENGINEERING BRANCH
PRIMARY SYSTEMS
TRANSMISSION & DISTRIBUTION SUBSTATION ENGINEERING
570 GEORGE STREET, SYDNEY

SIZE: A1
DRAWING No: 25121
SHEET: 1
AMD: 19