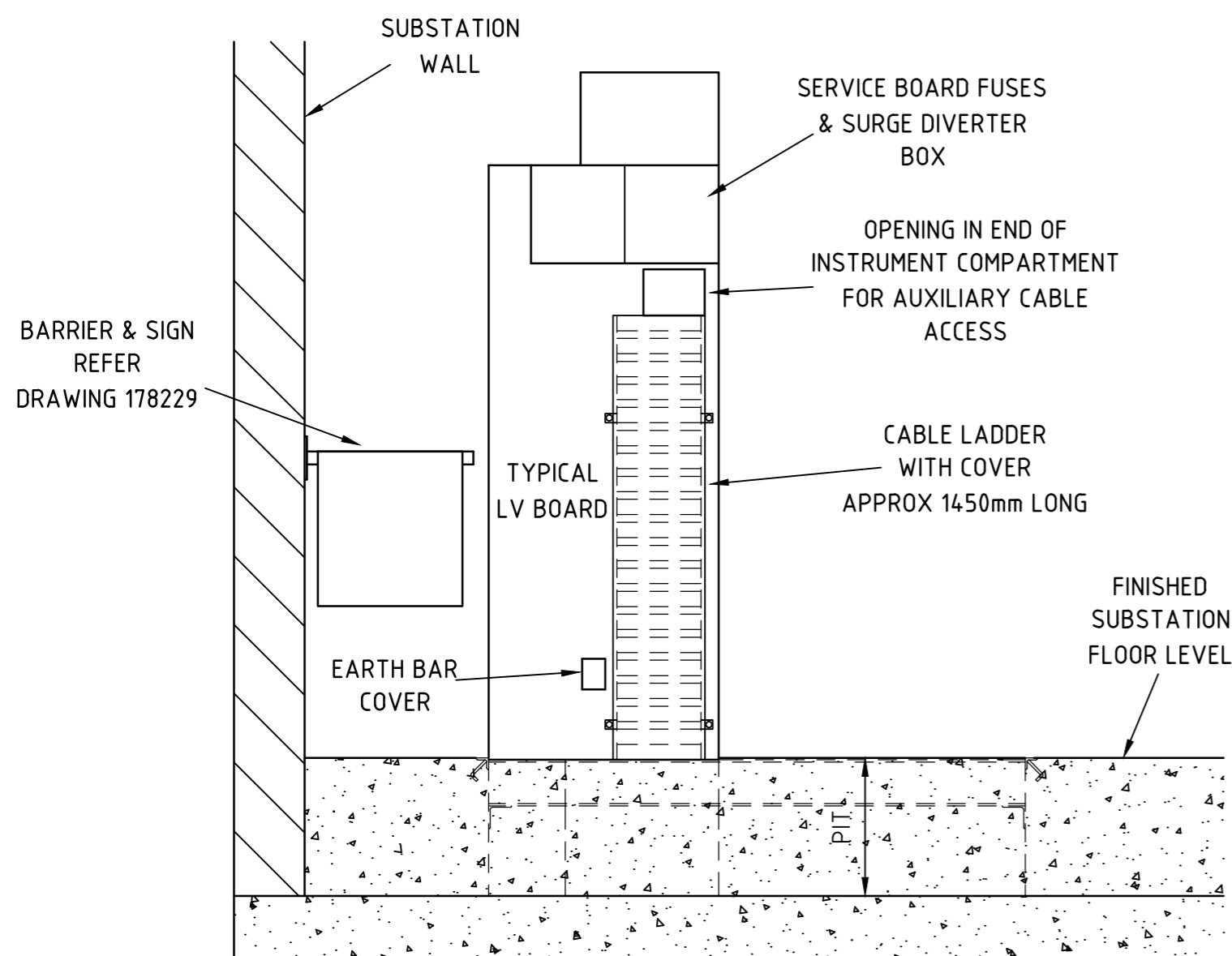
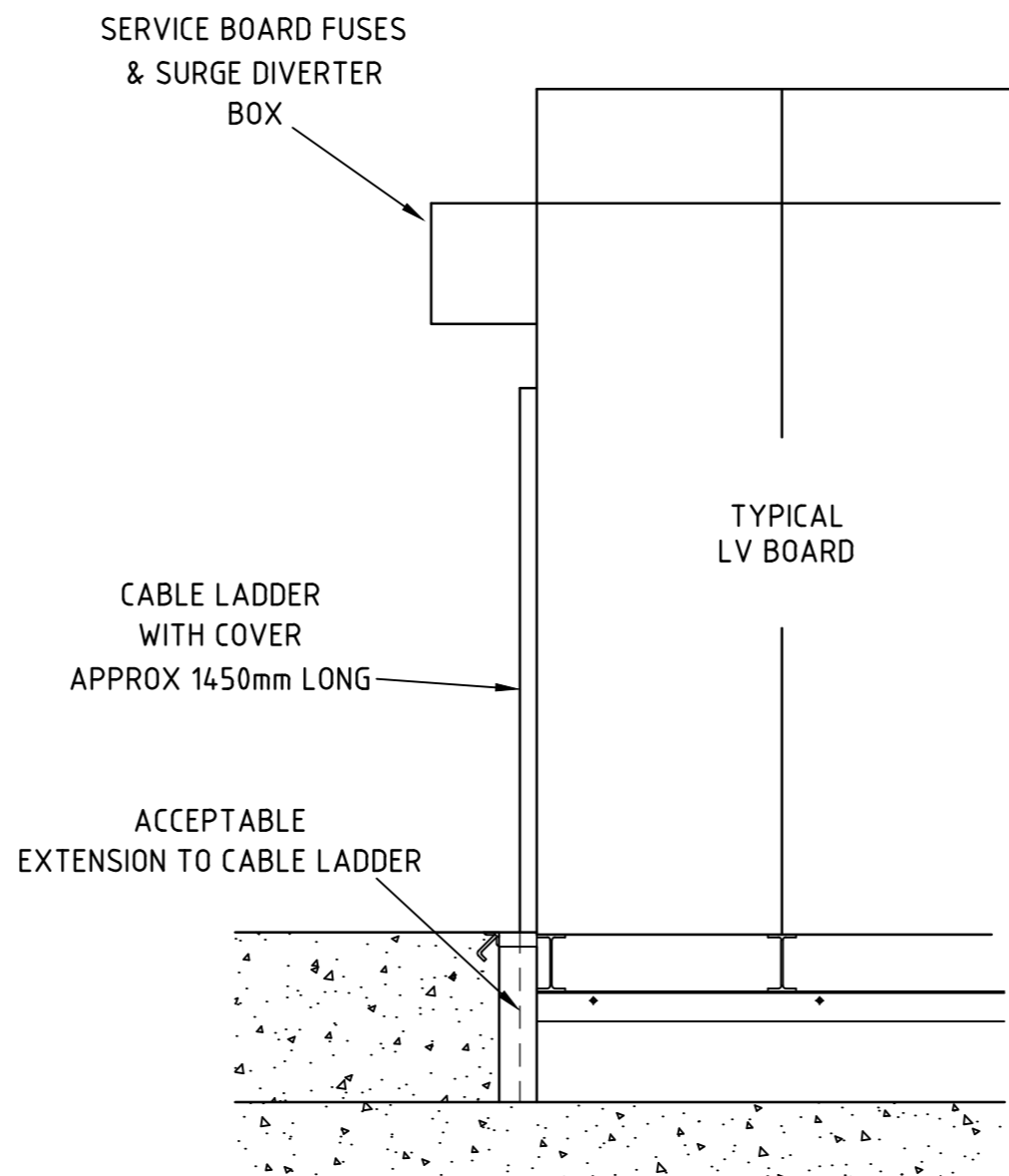


PLAN SHOWING  
TYPICAL LV BOARD & FLOOR PLATE OVER PIT  
SCALE 1:20



END ELEVATION  
SCALE 1:20



SECTION A-A  
SCALE 1:20

NOTES

1. THIS DRAWING INDICATES HOW TO FIT CABLE LADDER TO THE END PANEL OF A TYPICAL E TYPE LV BOARD. THE CABLE LADDER IS REQUIRED FOR THE SUPPORT AND PROTECTION OF AUXILIARY CABLES.
2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH RELEVANT NETWORK STANDARDS.
3. THE SUBSTATION EQUIPPING CONTRACTOR IS TO SUPPLY AND FIT THE CABLE LADDER, COVER AND ANY BRACKETS AND BOLTS.
4. THE CABLE LADDER SHOWN ON THIS DRAWING IS A 300mm WIDE UNISTRUT WITH A STANDARD COVER AND HOLD-DOWN BRACKETS. OTHER CABLE LADDER SYSTEMS CAN BE USED PROVIDED THEY ARE OF A SIMILAR OR BETTER PERFORMANCE AS THE UNISTRUT SYSTEM. DETAILS PROVING THE PERFORMANCE OF OTHER PRODUCTS MUST BE SUBMITTED FOR ACCEPTANCE, IN ACCORDANCE WITH THE REQUIREMENTS OF NETWORK STANDARD NS181, BEFORE USE.
5. THE CABLE LADDER IS TO BE FIXED TO THE END PANEL OF THE SWITCHBOARD VIA CABLE LADDER MANUFACTURER'S SPECIFIED BRACKETS.
6. THE EXISTING HOLES IN THE END PANEL OF THE SWITCHBOARD ARE TO BE UTILISED AS TWO OF THE BRACKET FIXING POINTS. OTHER BRACKET FIXING POINTS CAN BE DRILLED INTO THE END PANEL OF THE SWITCHBOARD, PROVIDING THE HOLE POSITIONS DO NOT INTERFERE WITH ITEMS INSIDE THE SWITCHBOARD CHAMBER. ALL BOLTS ARE TO BE KEPT TO THE MINIMUM LENGTH NEEDED. ANY EXCESS BOLT LENGTH IS TO BE REMOVED AND ALL SHARP EDGES AND BURRS CLEANED AWAY. ALL RESIDUAL SWARTH AND FILLINGS ARE TO BE REMOVED FROM THE SWITCHBOARD CHAMBER. ALL BOLTS AND FITTINGS ARE TO BE GALVANISED.
7. THE LENGTH OF THE CABLE LADDER CAN BE EXTENDED INTO THE LV PIT CUT-OUT PROVIDED THE EXTRA LENGTH IS SUITABLY SUPPORTED. THE CABLE LADDER COVER IS NOT REQUIRED BELOW THE LEVEL OF THE SUBSTATION FLOOR.
8. ALL CABLES ARE TO BE ATTACHED TO THE CABLE LADDER WITH SUITABLE CABLE TIES.

REFERENCE DRAWINGS

E TYPE LV BOARD ACCEPTABLE COMBINATIONS	178227-1
E TYPE LV BOARD CLEARANCES, PIT DESIGN AND CONSTRUCTION	178228-1
E TYPE LV BOARD SUPPORTING STEELWORK GENERAL ARRANGEMENT	178229-1

CAD DRAWING  
DO NOT MANUALLY AMEND  
A M E N D M E N T S  
1. AUSGRID BORDER ADDED.  
ANGLE NOSING IN END  
ELEVATION AND SECTION A-A  
UPDATED  
BARRIER ADDED.  
P.JARVIS 9.7.12  
CHECKED: P.TURRIN  
APPROVED: P.TURRIN  
2. NEW UPDATED DRAWING  
BORDER ADDED.  
S.MUNRO 19/09/2024  
CHKD: M.BENNETT  
APPR: M.BENNETT

24-28 Campbell Street  
SYDNEY NSW 2000

ISSUED FOR  
CONSTRUCTION

SCALE	AS SHOWN
DESIGNED	P.JARVIS
DRAWN	P.JARVIS
CHECKED	M.PEACOCK
APPROVED	P.HALLEN
DATE	06/03/2007
TRIM REF	-
PROJECT NUMBER	103/59/1/6

E TYPE LV BOARD CABLE LADDER INSTALLATION FOR AUXILIARY CABLES			
SIZE	DRAWING No	SHEET	AMD
A2	178230	1	2