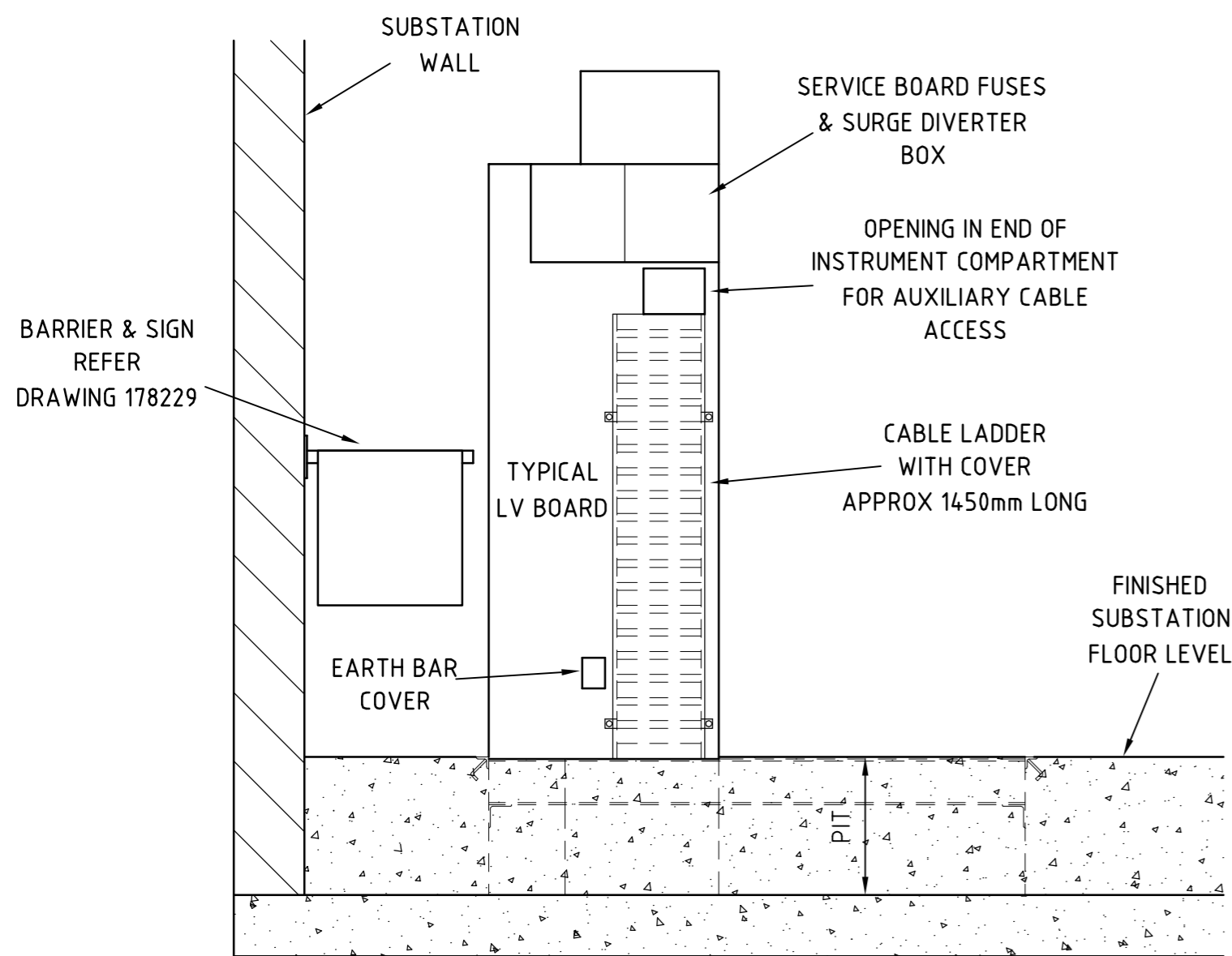
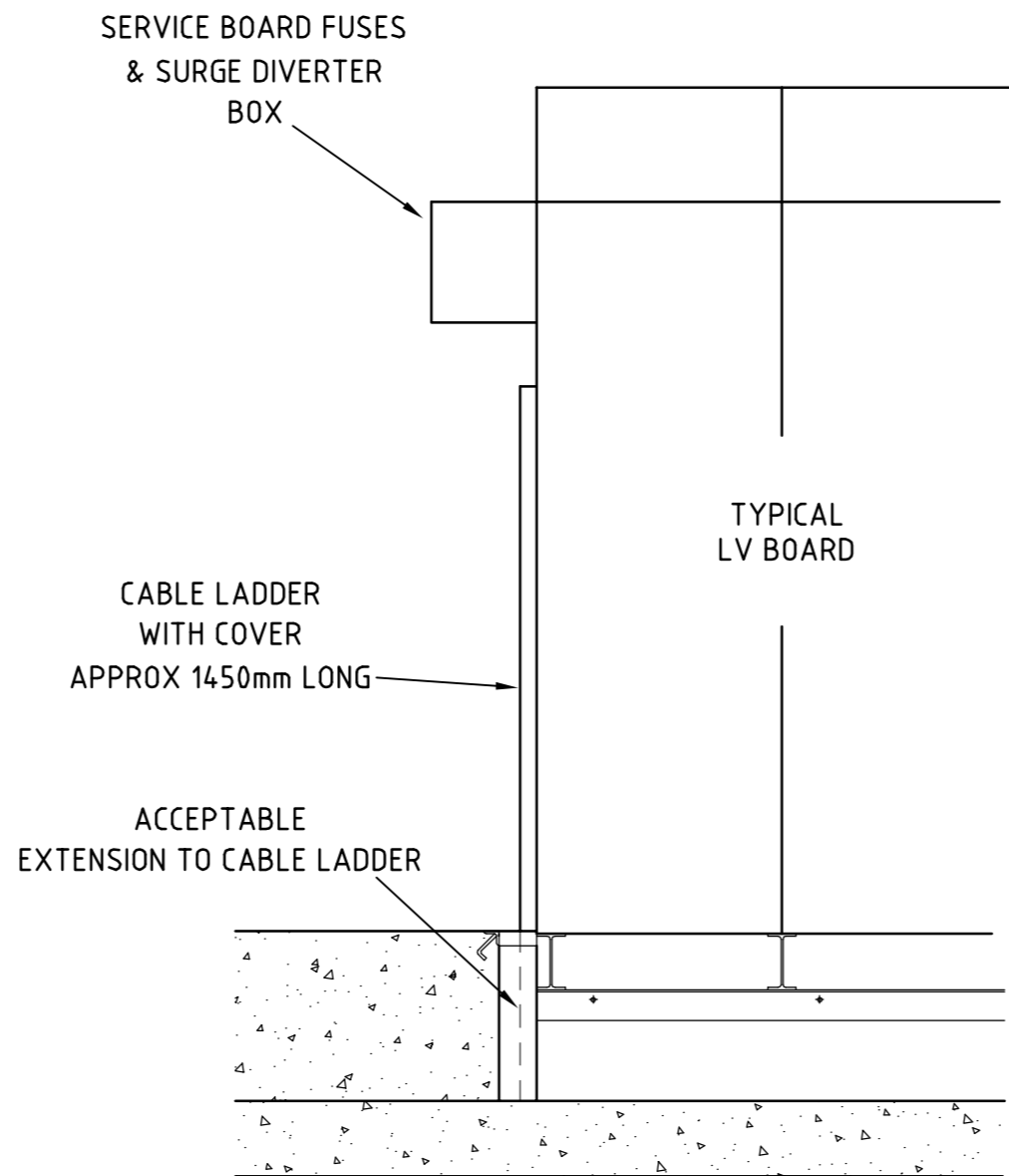


PLAN SHOWING
TYPICAL LV BOARD & FLOOR PLATE OVER PIT
SCALE 1:20



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	B1-178227
E TYPE LV BOARD CLEARANCES, PIT DESIGN AND CONSTRUCTION	A1-178228
E TYPE LV BOARD SUPPORTING STEELWORK GENERAL ARRANGEMENT	A1-178229

CONSTRUCTION



DISTRIBUTION OPERATIONS & RELIABILITY
LOGISTICS AND DISTRIBUTION ENGINEERING
25-27 POMEROY STREET, HOMEBUSH

SCALE	AS SHOWN
DESIGNED	P.JARVIS
DRAWN	P.JARVIS
CHECKED	M.PEAcock
APPROVED	P.HALLEN
DATE	6.3.07
PROJECT NUMBER	103/59/1/6
PROJTRAK NUMBER	

E TYPE LV BOARD
CABLE LADDER INSTALLATION FOR
AUXILIARY CABLES

SIZE	DRAWING No	SHEET	AMD
A2	178230	1	1

CAD DRAWING
DO NOT MANUALLY AMEND
AMENDMENTS
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