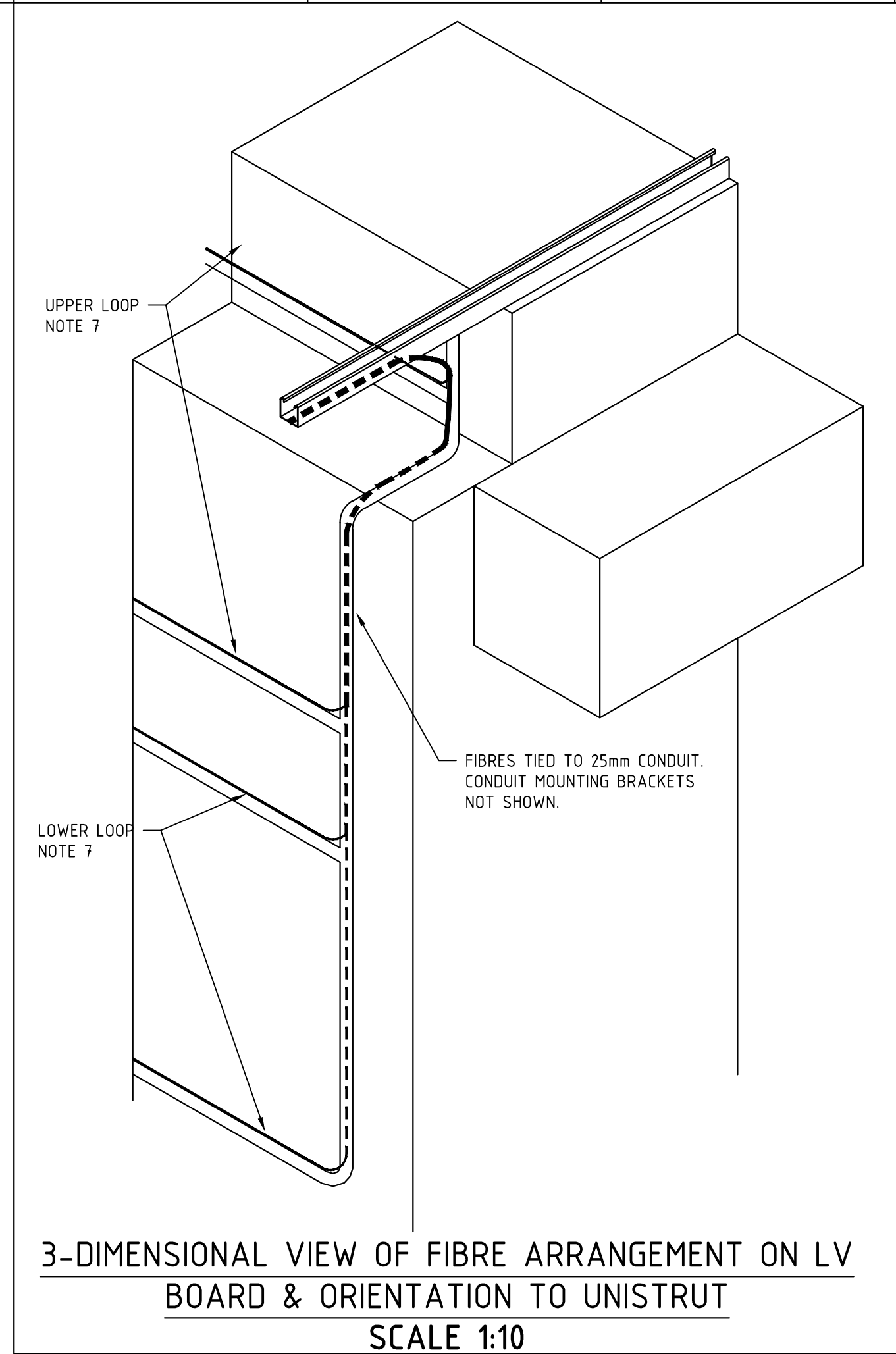
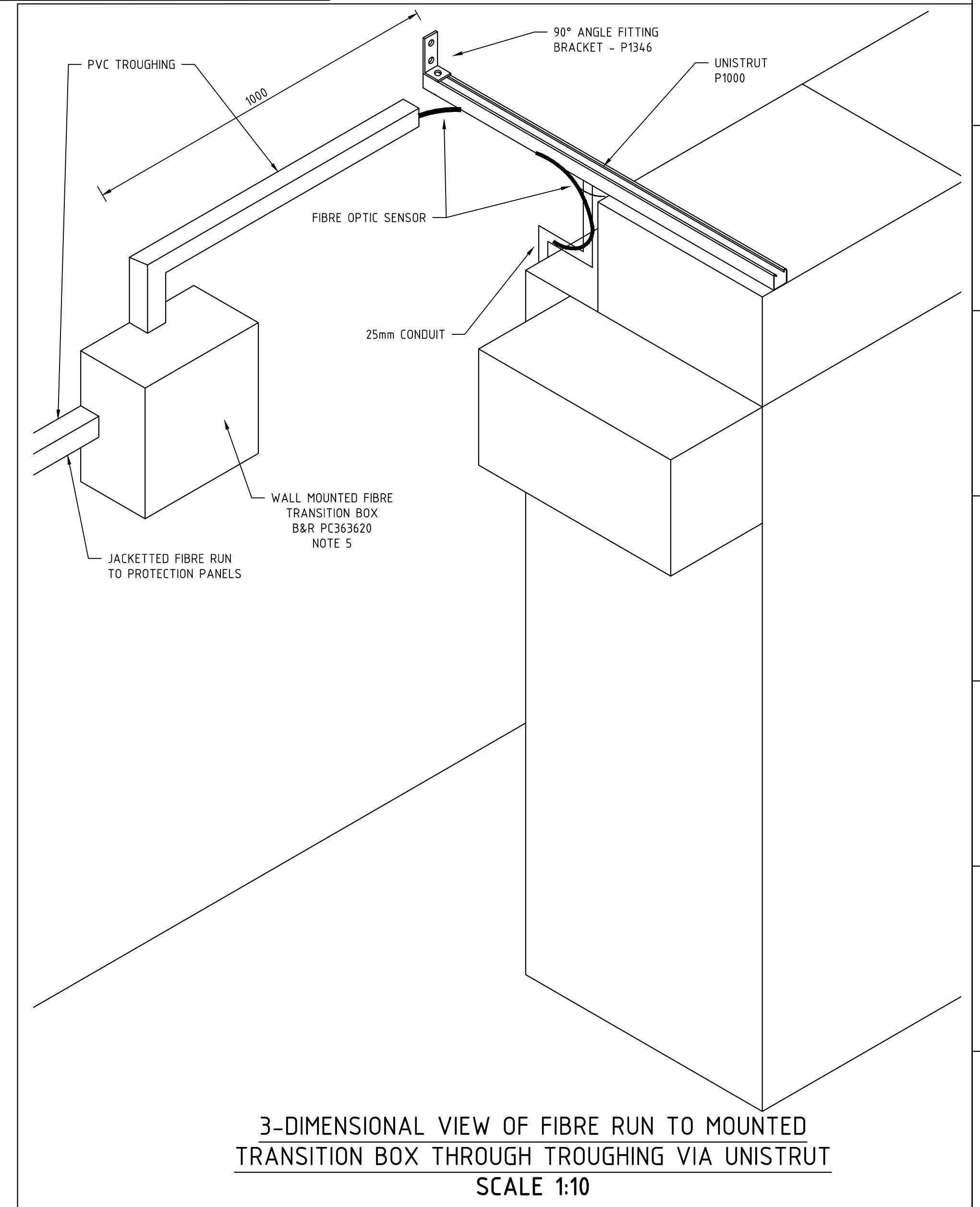
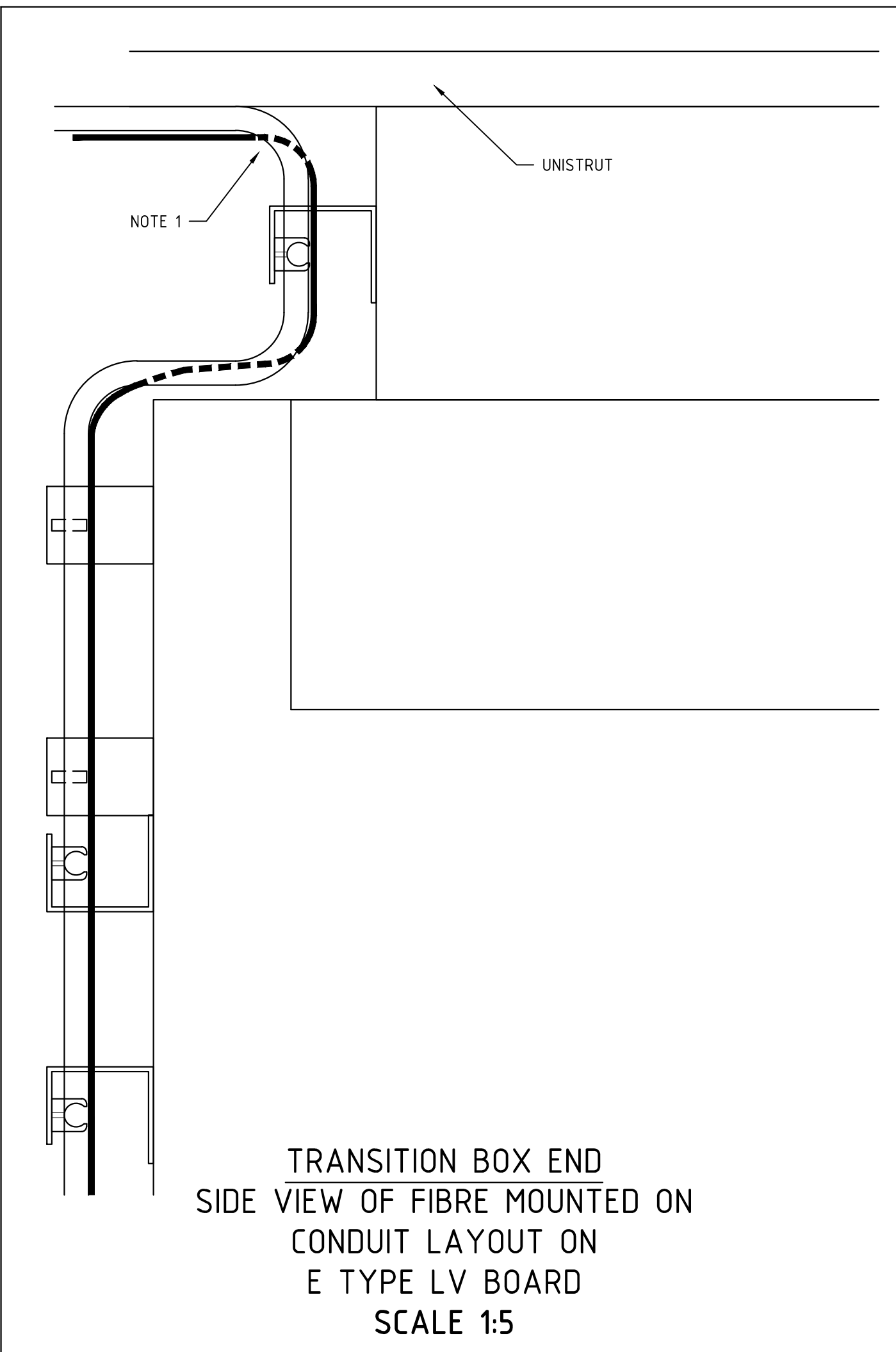
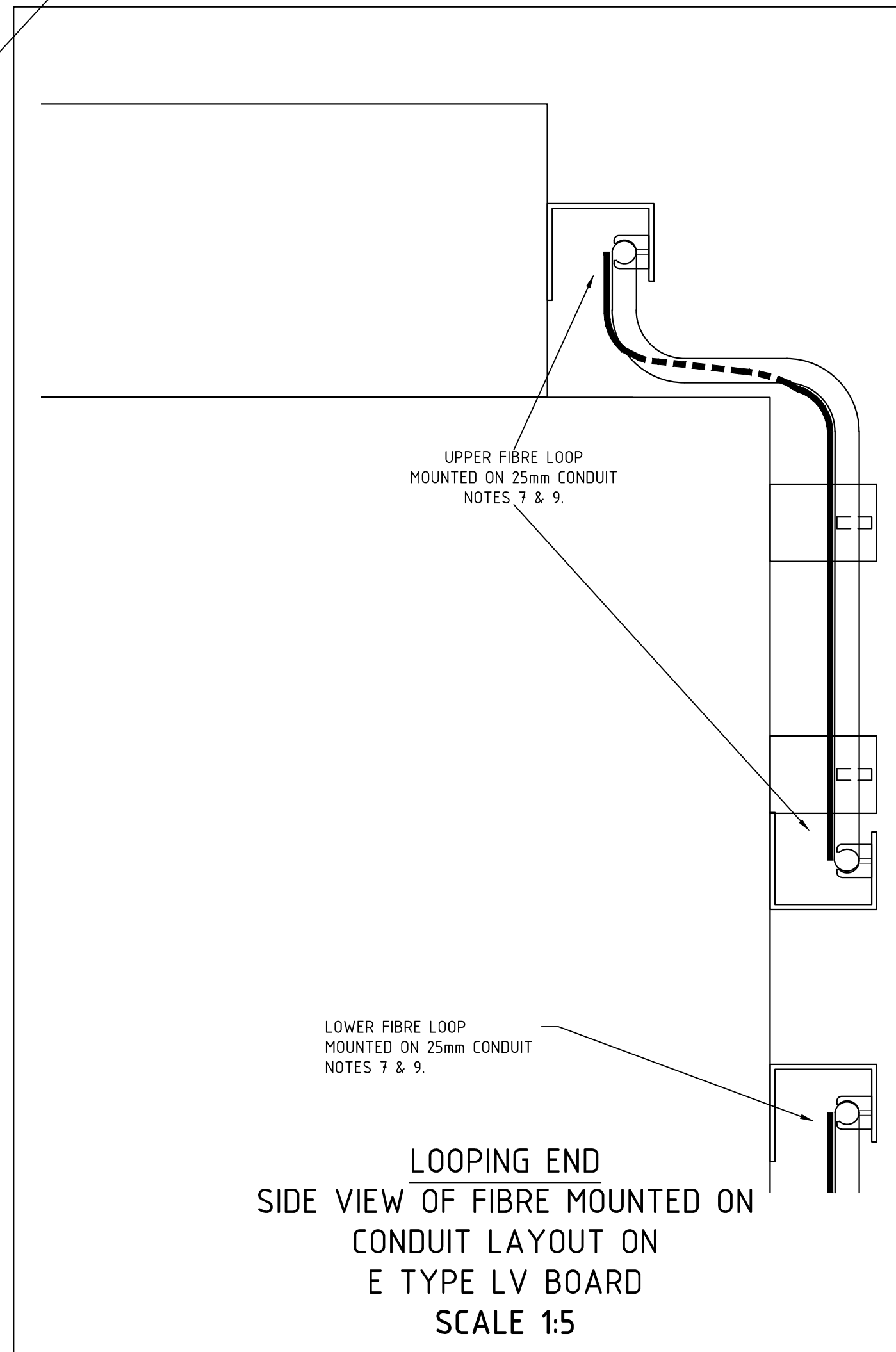
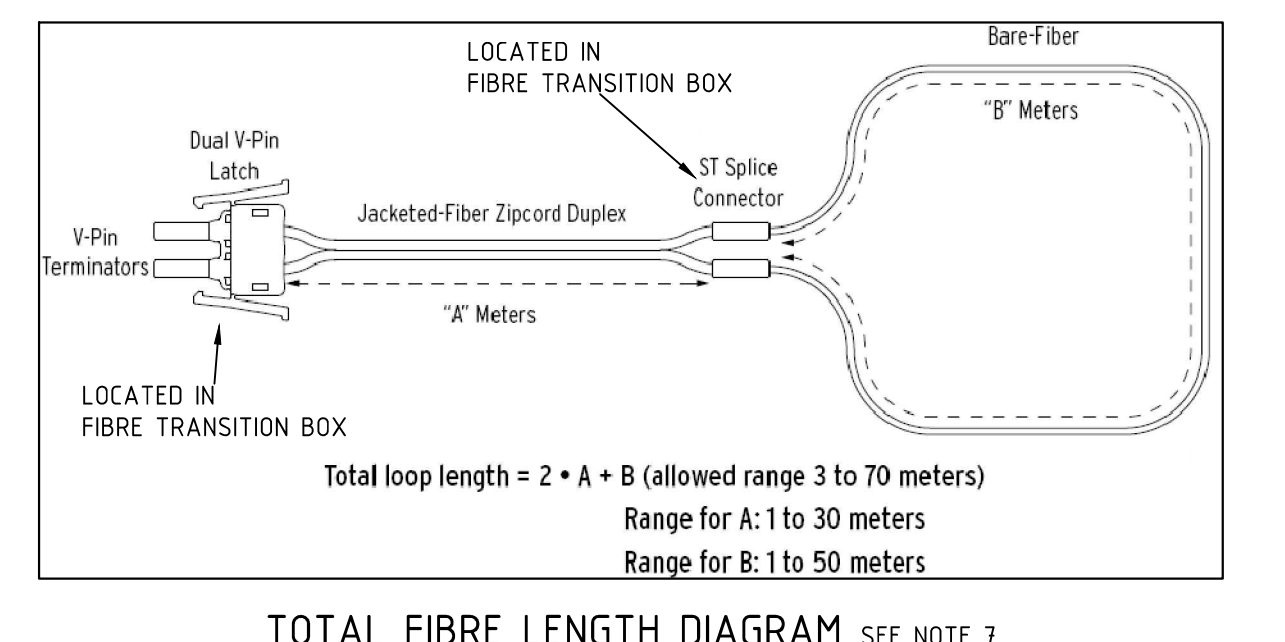
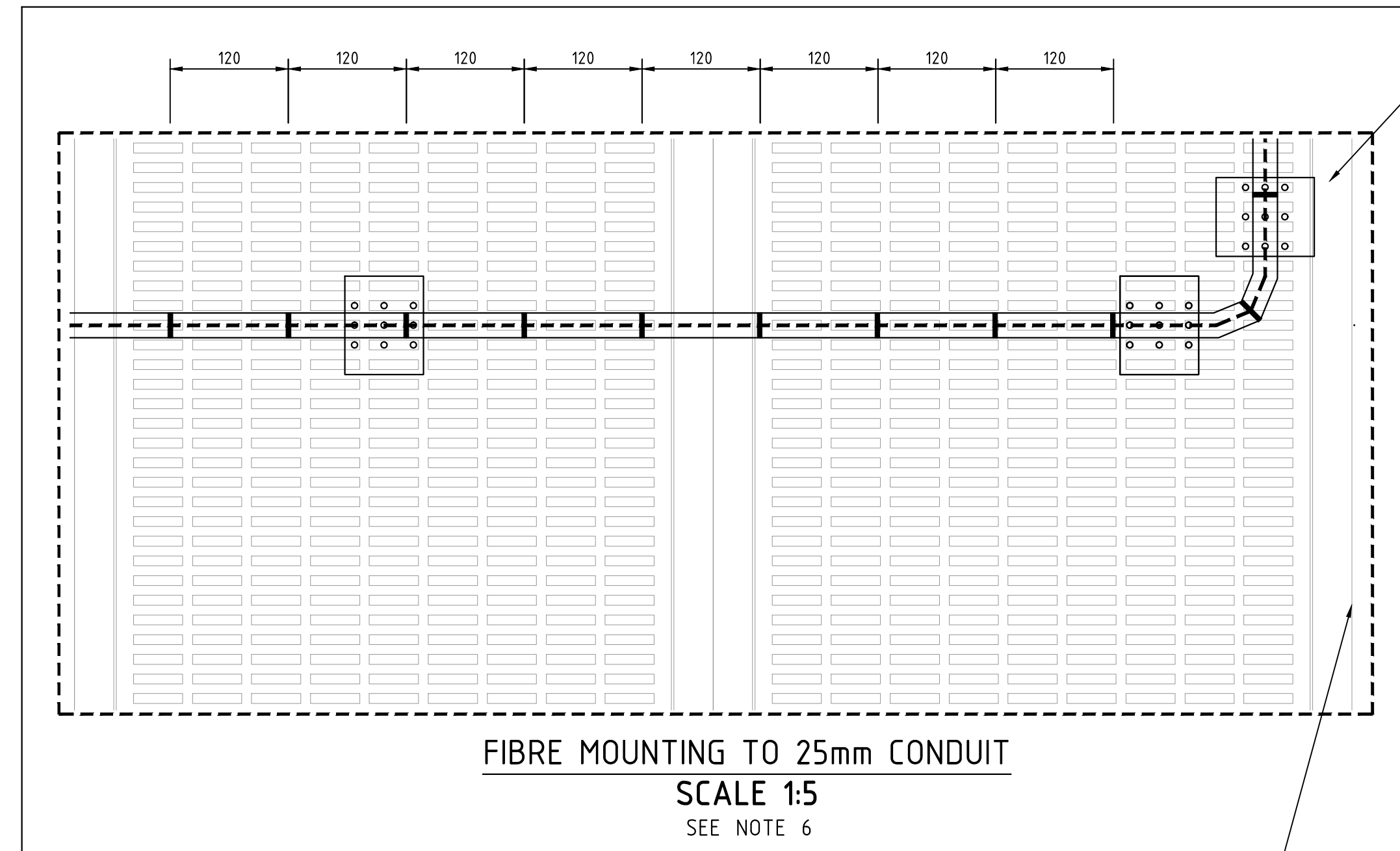


FIBRE LAYOUT - REAR VIEW OF E TYPE LV BOARD SCALE 1:10



- NOTES:**
- BENDING RADIUS OF FIBRE MIN 50mm
 - FIBRE TO BE FIXED EXTERNALLY TO 25mm CONDUIT, MOUNTED AT THE REAR OF E TYPE LV BOARD, BY MEANS OF VELCRO CABLE TIES SUCH AS COBAC 10mm WIDE PROCABLE TIES. CARE MUST BE TAKEN TO ENSURE THAT THE FIBRE OPTIC LOOP IS NOT DAMAGED AND THE INDIVIDUAL FIBRE LOOPS ARE NOT INTERTWINED WHILE MOUNTING.
 - SHOWN IS TYPICAL LAYOUT FROM LARGEST PANEL CONFIGURATION TAKEN FROM DRAWING 178227
 - UNISTRUT TO BE MOUNTED BETWEEN REAR WALL & LV BOARD. THIS WILL BE USED TO RUN THE FIBRE LOOP BETWEEN THE LV BOARD & THE FIBRE OPTIC TRANSITION BOX. UNISTRUT FIBRE TAKE OFF SUPPORT SHOULD BE LOCATED AT END OF SWITCHBOARD THAT RESULTS IN THE SHORTEST FIBRE ROUTE TO PROTECTION PANELS. THE DEPICTED FIBRE ROUTING WILL BE OPPOSITE LAYOUT IF UNISTRUT BRACKET IS AT OPPOSITE END TO SHOWN.
 - FIBRE OPTIC TRANSITION BOX TO BE MOUNTED ON WALL TO THE REAR, BUT NOT DIRECTLY BEHIND LV BOARD. DRAWING SHOWS TRANSITION BOX MOUNTED TO THE LEFT OF THE LV BOARD. IT IS TO BE MOUNTED AT THE SAME END AS THE UNISTRUT FIBRE TAKE OFF SUPPORT. WALL MOUNTED FIBRE TRANSITION BOX TO BE LOCATED APPROXIMATELY 1m DISTANCE FROM END OF E TYPE LV BOARD
 - IT IS CRITICAL THAT AS MUCH FIBRE AS POSSIBLE IS EXPOSED TO ANY ARCING FAULT. THE FIBRE MUST BE FIXED TO ENSURE MAXIMUM EXPOSURE. THE FIXING DISTANCE MAY BE ADJUSTED TO ENSURE THIS OCCURS.
 - REAR OF BOARD TO HAVE TWO SEPARATE FIBRE LOOPS (UPPER & LOWER) EACH LOOP TO CONSIST OF 3 INDIVIDUAL FIBRE LOOPS, 6 FIBRE LOOPS IN TOTAL. NO INDIVIDUAL LOOP MAY EXCEED 70metres, SEE TOTAL FIBRE LENGTH DIAGRAM.
 - ALL DIMENSIONS IN mm.
 - 25mm CONDUIT IS TO BE MOUNTED EXTERNALLY AT THE REAR OF THE LV BOARD AS SHOWN. THE CONDUIT IS TO BE MOUNTED ON BRACKETS SHOWN IN DRAWING 227359Sh01. THE BRACKETS ARE TO BE FIXED TO THE REAR OF THE LV BOARD BY CABLE TIES.



CAD DRAWING DO NOT MANUALLY AMEND

REVISIONS

1. REF K2 & NOTE 7

2. REF A14, D14 & E14

3. REF A14, D14 & E14

4. REF A14, D14 & E14

5. REF A14, D14 & E14

6. REF A14, D14 & E14

7. REF A14, D14 & E14

8. REF A14, D14 & E14

9. REF A14, D14 & E14

10. REF A14, D14 & E14

11. REF A14, D14 & E14

12. REF A14, D14 & E14

13. REF A14, D14 & E14

14. REF A14, D14 & E14

15. REF A14, D14 & E14

16. REF A14, D14 & E14

Ausgrid

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DATE	26/06/2012
PRJTRK No.	-
PROJECT NUMBER	SM-6717-1-2

RMICB SUBSTATIONS WITH E TYPE LV BOARD AND OPTICAL ARC FLASH DETECTION FIBRE LOOPING AND GENERAL MOUNTING DETAILS			
DRAWING No	227350	SHEET	5
AMD	2	SIZE	B1