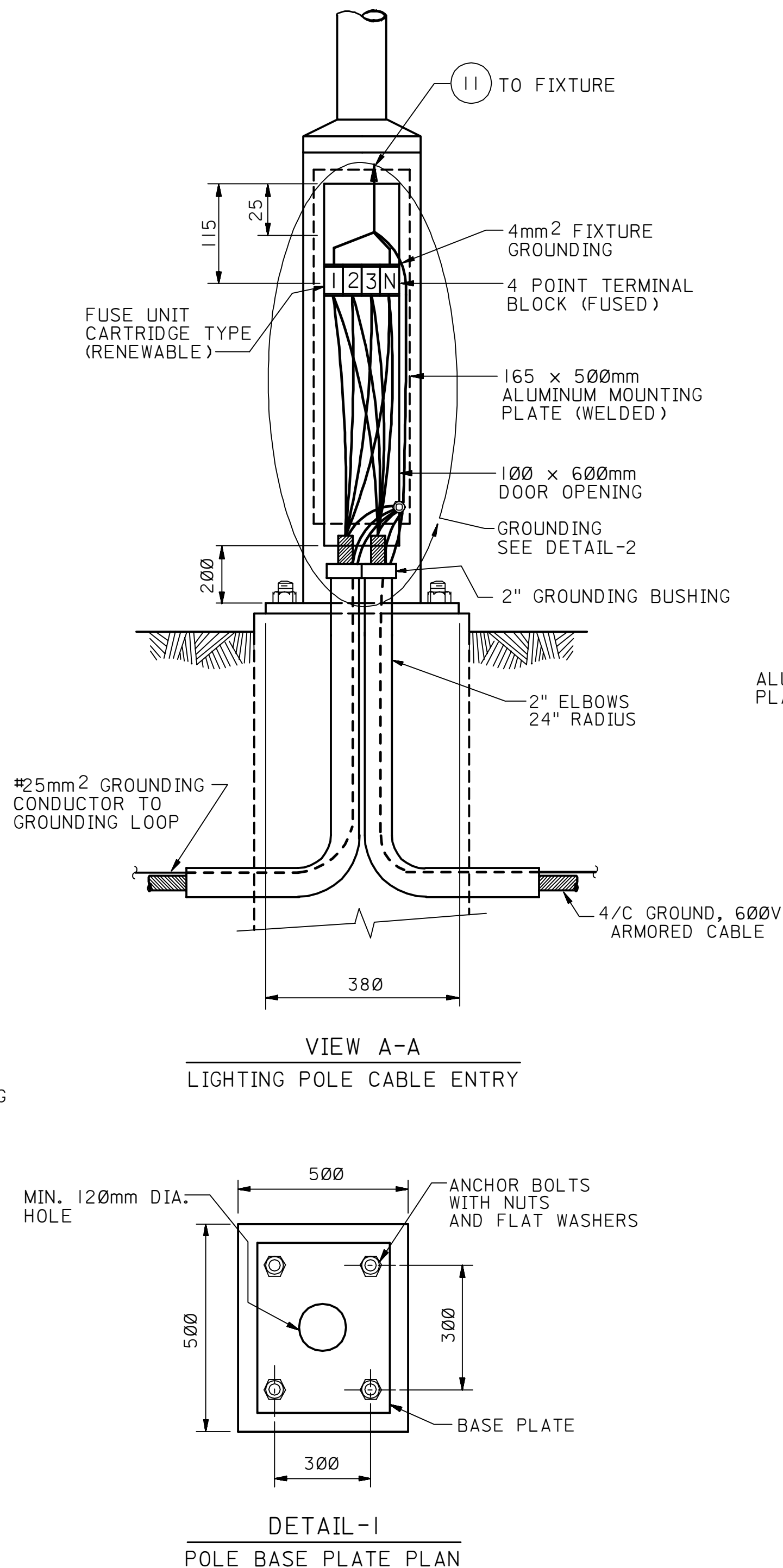
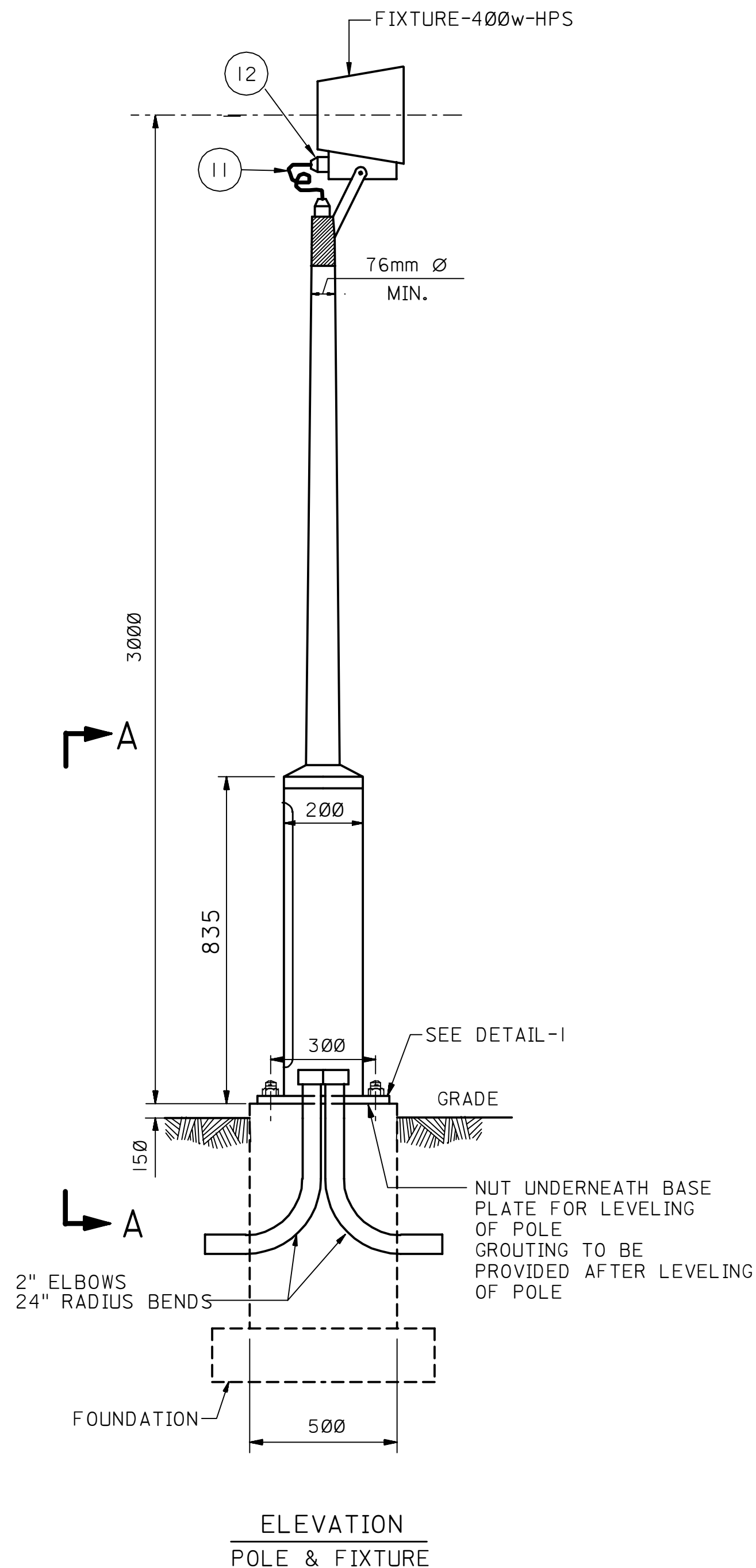
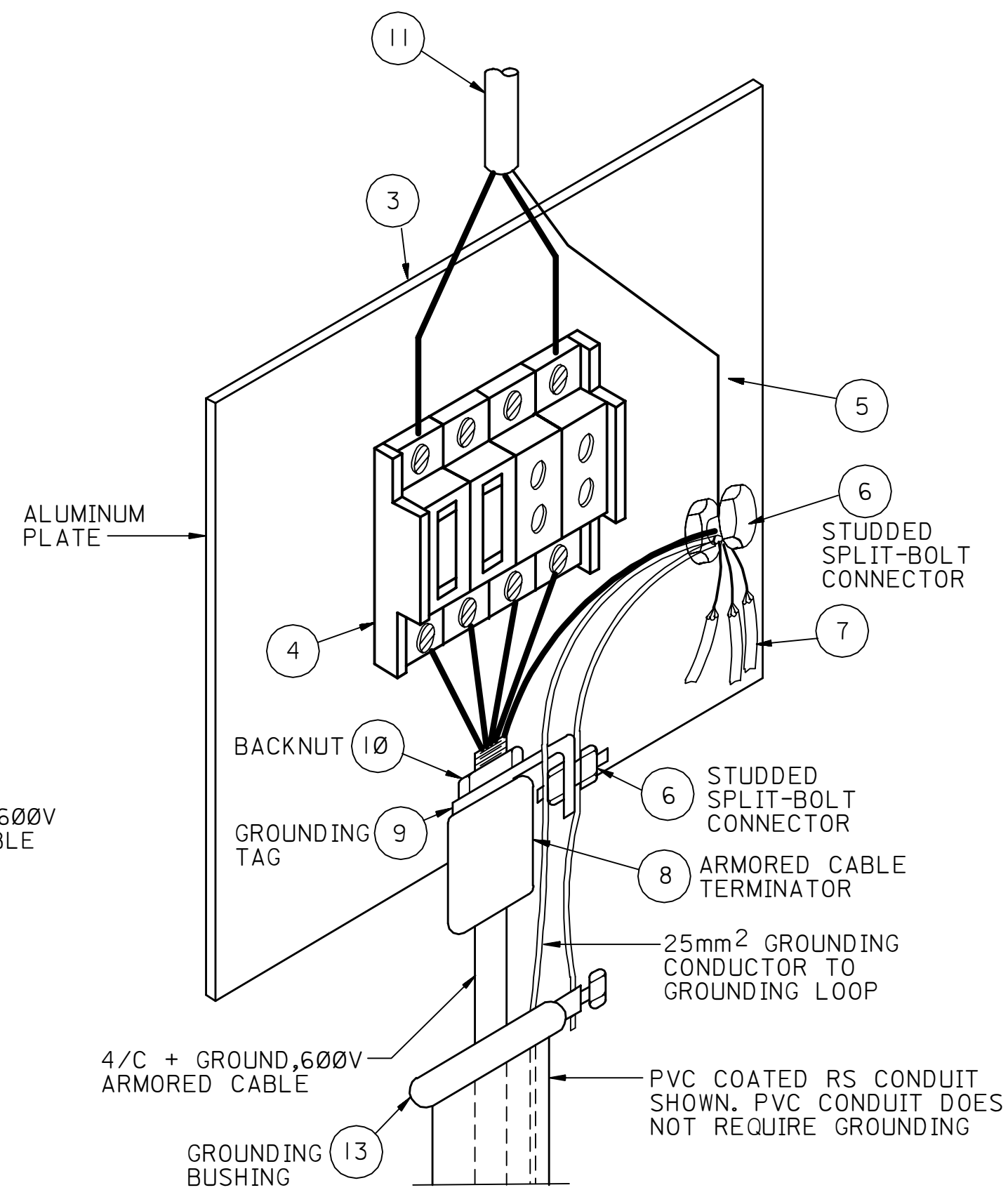


PLANT NO.	990	P	AB-036745	001	02
INDEX			DRAWING NO.	SH. NO.	REV. NO.



MATERIAL LIST FOR DETAIL-2		
DWG. CODE	SAMS NUMBER	DESCRIPTION
1	14-092-XXX	FUSED TERMINAL BLOCK (DIRECT MOUNTING)
2	14-092-XXX	TERMINAL BLOCK
3	XX-XXX-XXX	MOUNTING PLATE (WELDED)
4	14-092-XXX	END SECTION (TYPICAL)
5	XX-XXX-XXX	FIXTURE GROUNDING CONDUCTOR 4mm ²
6	14-114-XXX	GROUNDING CONNECTOR: SPLIT BOLT DRILLED; (FOR MOUNTING WITH NUT & LOCKWASHER)
7	XX-XXX-XXX	GROUNDING CONDUCTORS
8	XX-XXX-XXX	ARMORED CABLE TERMINATOR
9	XX-XXX-XXX	CABLE TERMINATOR GROUNDING TAG
10	XX-XXX-XXX	CABLE TERMINATOR TAG BACKNUT
11	XX-XXX-XXX	CORD-TYPE SO; 2-1/C 4mm ² + GROUND
12	XX-XXX-XXX	CORD FITTING
13	XX-XXX-XXX	CONDUIT GROUNDING BUSHING



NOTES:

1. THE SUGGESTED LIGHTING POLE SHALL PROVIDE AN OVERALL FIXTURE HEIGHT OF THE DIMENSION SHOWN, BUT THE WIDTH CAN VARY BY +/- 10% ON THE LOWER PORTION. THE BASIC SHAPE SHALL REMAIN THE SAME. A SINGLE PIECE CONSTRUCTION IS ACCEPTABLE IF THE WIRING COMPARTMENT DIMENSIONS ARE MET.
2. CONDUIT STUB-UP SHALL BE PVC COATED RIGID STEEL OR PVC NEMA TC-8.
3. CABLE TERMINAL BLOCKS AND FUSES ARE TO BE INSTALLED IN THE BASE COMPARTMENT OF THE POLE (SEE DETAIL-2)
4. THIS STANDARD DRAWING IS FOR A 277 VOLT FIXTURE INSTALLATION. FOR 480 VOLT INSTALLATION PROTECT BY 2 FUSES.
5. PROVIDE MASTIC SEALING COMPOUND AROUND ALL CONDUIT STUB-UP ENDS.
6. BASE COMPARTMENT DOOR SHALL BE SECURED BY USING A FOUR ALLEN BOLT ARRANGEMENT.
7. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.

REFERENCES:

1. AES-P-123 (LIGHTING)
2. AES-P-100 (BASIC DESIGN CRITERIA)
3. NATIONAL ELECTRICAL CODE (NEC)
4. AES-P-104 (WIRING METHODS AND MATERIALS)
5. AES-P-111 (GROUNDING)
6. AES-O-113

DWG. RESPONSIBILITY :									
ELECTRICAL STANDARDS COMMITTEE									
02	MAR'96	ESD RLO	GEN. REVISION AND CHANGES "MANDATORY" NOTE TO " DWG. RESPONSIBILITY" NOTE.						
01	11-20-89	RLO	REDRAWN, CHANGED DWG. SIZE FROM "C" TO "B" AND NOTES.						
REV. NO.	DATE	BY	DESCRIPTION				CHKD	CERT.	APP'D.
SAUDI ARABIAN OIL COMPANY									
DRAWN BY _____ CHECKED BY _____ SCALE: _____ NONE									
DATE STARTED <u>11-04-83</u> DATE COMPLETED _____									
OPR'G. DEPT. _____ ENG. DEPT. <u>ORIGINAL SIGNED</u>									
APP'D. FOR CONST. _____									
THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION OR FOR ORDERING MATERIAL UNTIL CERTIFIED AND DATED						CERTIFIED DATE _____			
LIGHTING POLE, TAPERED SEAMLESS ALUMINUM, 3 METERS FOR SECURITY FENCE SSD-13 (SAES-0-113) 277/480 VOLTS SYSTEM									
STD. DWG.								METRIC	
PLANT NO.		INDEX		DRAWING NO.			SH. NO.		REV. NO.
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