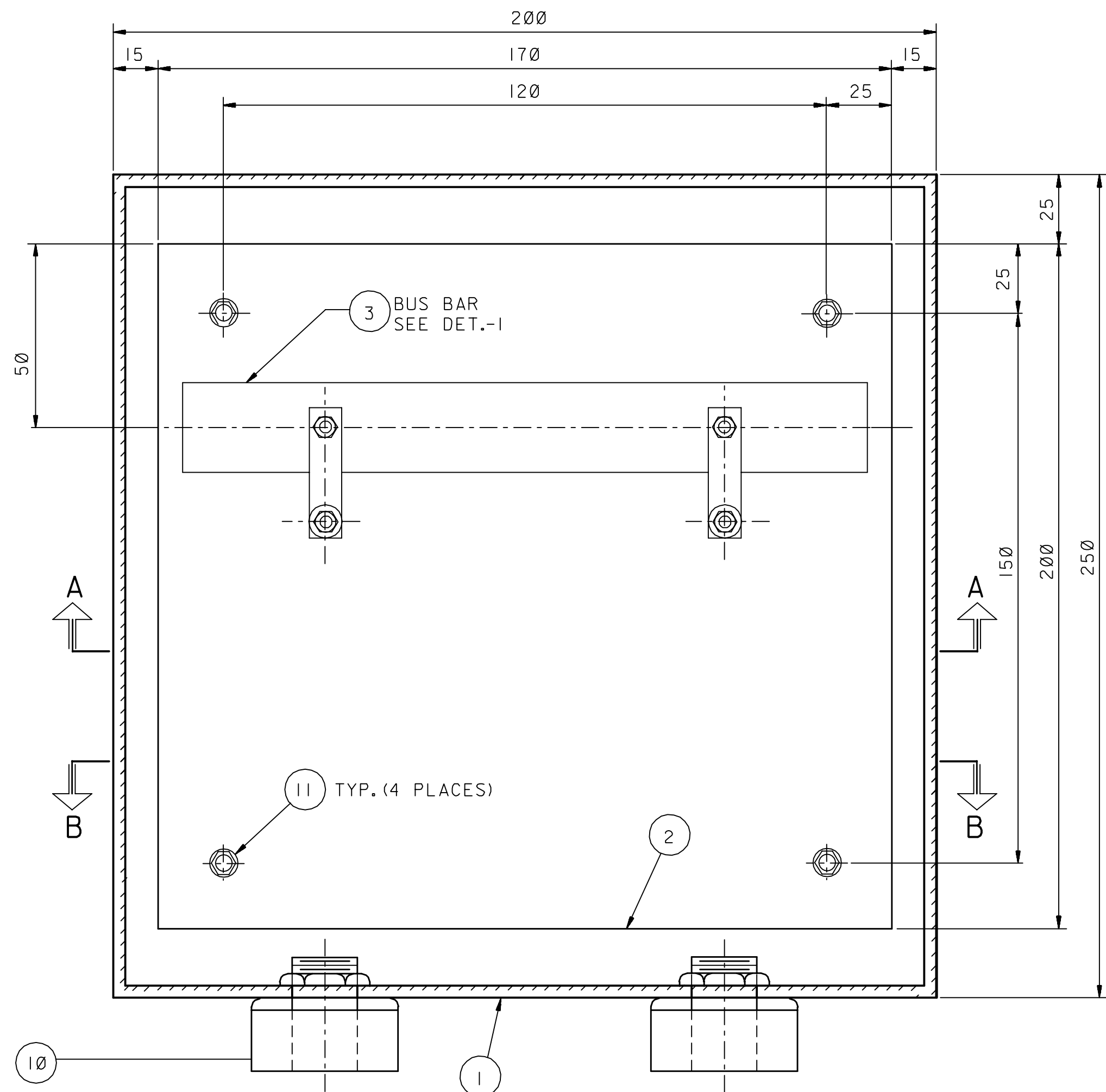
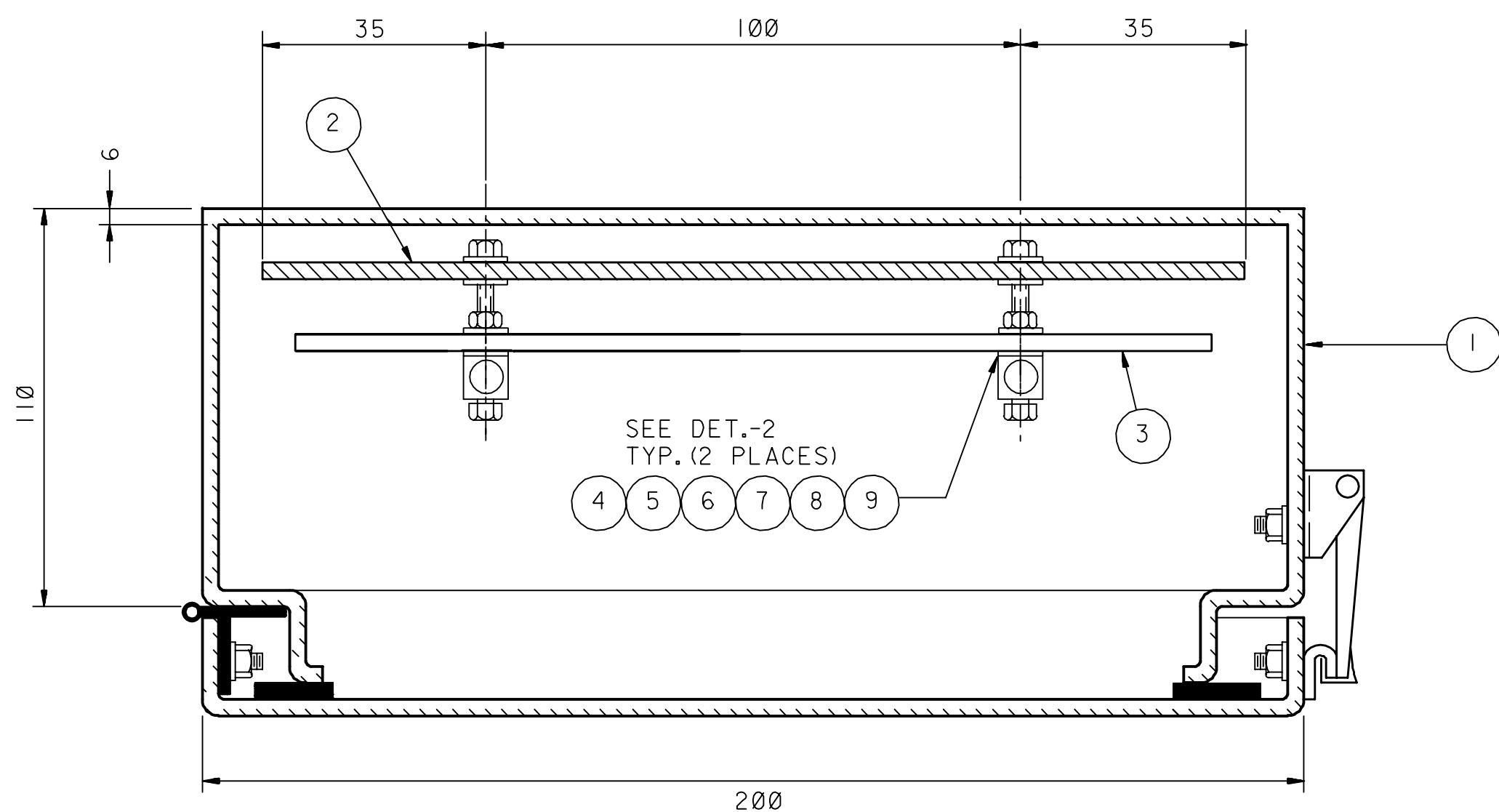
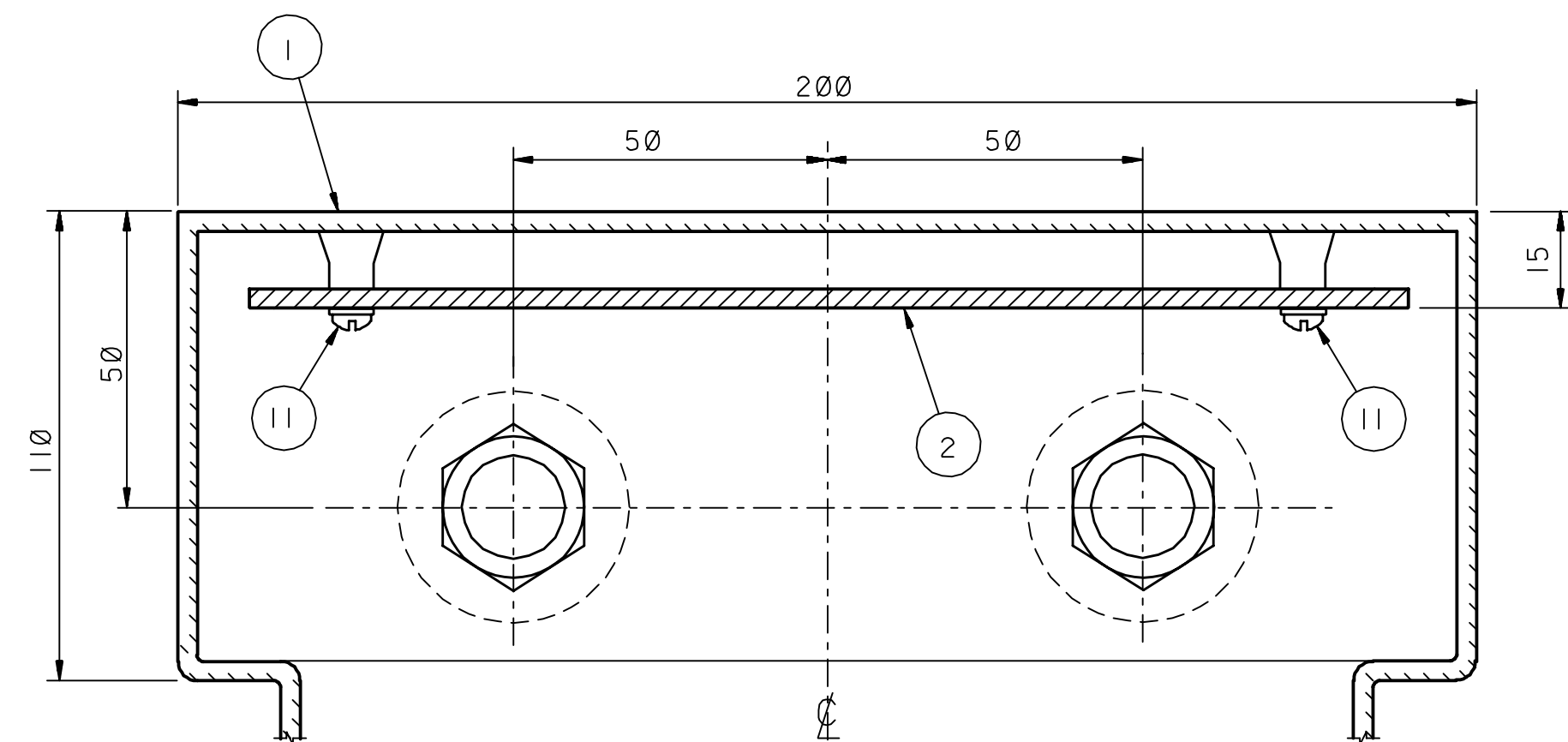




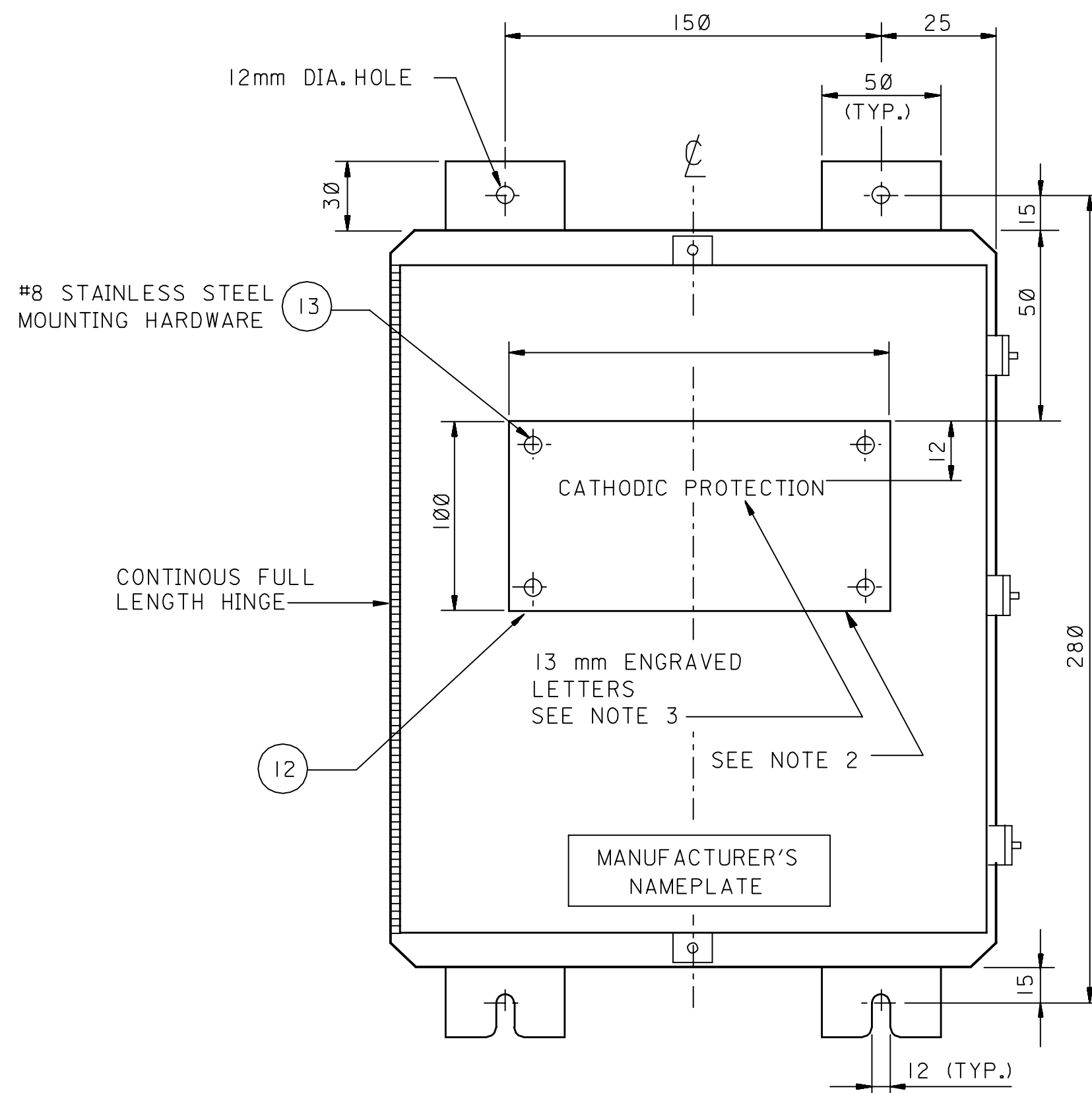
CABLE SPLICE JUNCTION BOX
200 x 250 x 110
(SHOWN WITHOUT DOOR)



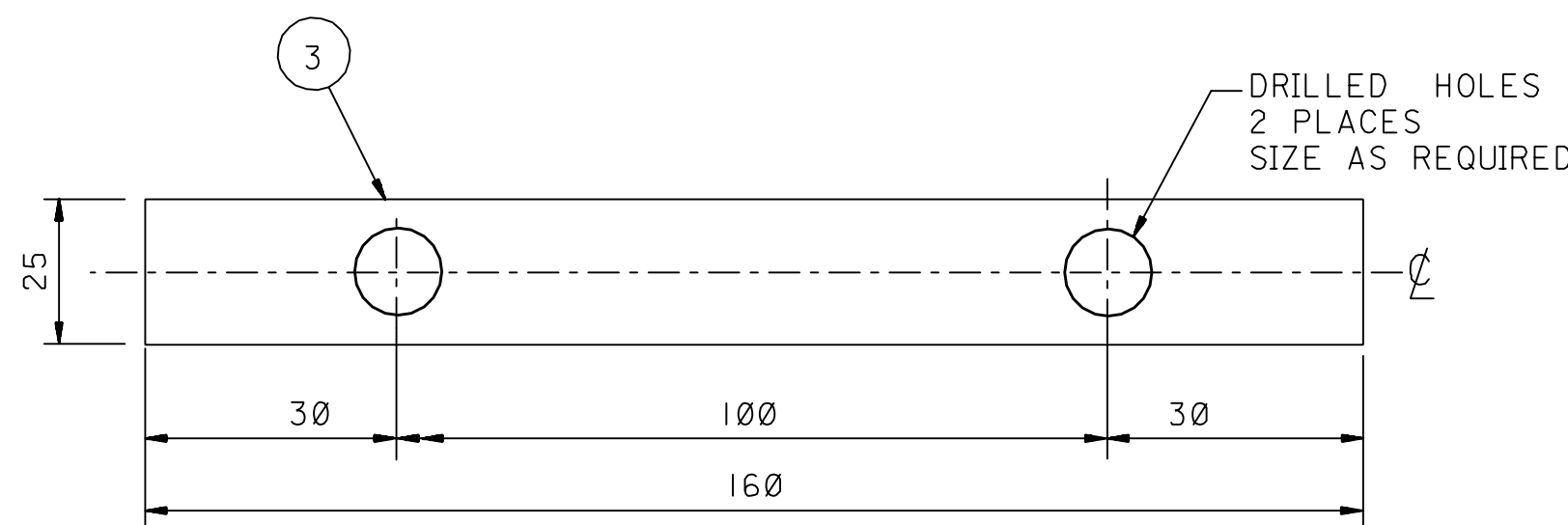
SECTION A-A



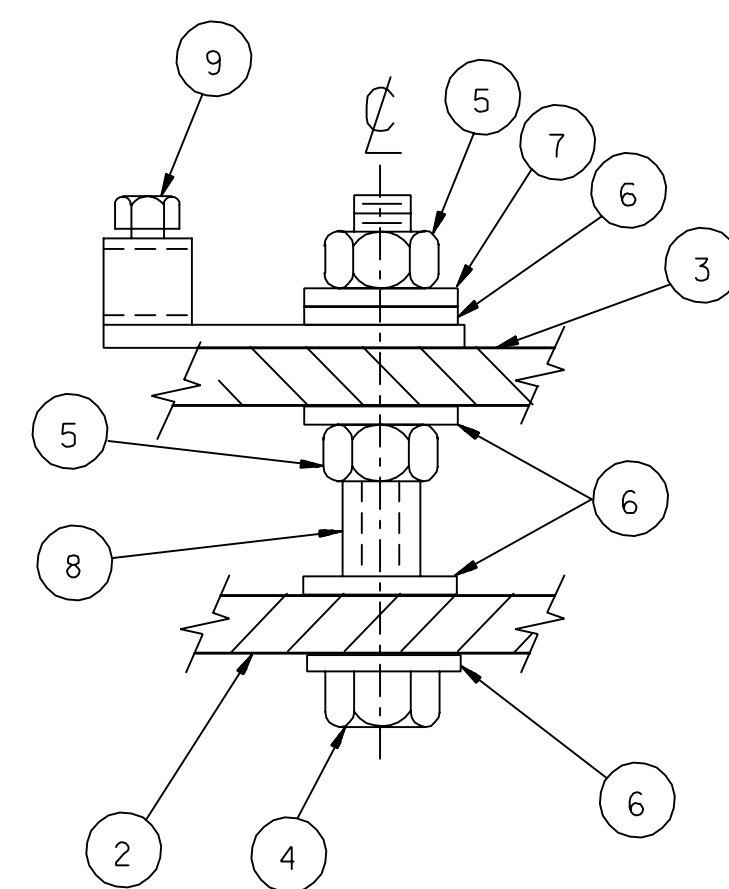
SECTION B-B



OUTSIDE NAMEPLATE AND
MOUNTING EARS DETAIL



DETAIL-1



DETAIL-2

- NOTES:
1. THE ENCLOSURE SHALL BE IN ACCORDANCE WITH MATERIAL SPECIFICATION 17-AMSS-008.
 2. DUPLICATE NAME PLATE SHALL BE MOUNTED ON THE INSIDE OF THE ENCLOSURE DOOR.
 3. 13mm ENGRAVED BLACK LETTERS ON WHITE BACKGROUND OR 13mm ENGRAVED WHITE LETTERS ON BLACK BACKGROUND MAY BE USED.
 4. DRIP PROOF CONSTRUCTION SHOWN IS PREFERRED BUT NOT MANDATORY.
 5. THIS TERMINAL BOX IS AVAILABLE IN ALUMINUM THROUGH SAMSS UNDER S/N 1000073609 AS A COMPLETE ASSEMBLY.
 6. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE.
 7. FOR MOUNTING SUPPORT DETAILS REFER TO STANDARD DRAWING AB-036540.
 8. ALL BRASS HARDWARE SHALL BE 1/4"-20 MINIMUM SIZE.
 9. ZINC CONTENT OF BRASS HARDWARE SHALL NOT EXCEED 16%.
 10. THIS BOX MAY BE USED IN CLASS I DIV. II AREAS WHEN USED AS SHOWN AND NO SWITCHES OR RESISTORS ARE ADDED.
 11. FOR NON-METALLIC BOXES ANY METAL HARDWARE SHALL BE 300 SERIES STAINLESS STEEL.
 12. IF THE ENCLOSURE IS NOT UL LISTED AND CERTIFIED TO NEMA 4X, THE DESIGN OF THE ENCLOSURE MUST BE APPROVED IN WRITING BY THE RSA FOR CATHODIC PROTECTION MATERIALS.

MATERIAL LIST	
DWG. CODE	DESCRIPTION
1	ENCLOSURE: NEMA 4X; 200 x 250 x 110
2	PANEL: BLACK BAKELITE; 170 x 200 x 6
3	BUS BAR: TINNED COPPER; 160 x 25 x 6
4	BOLT: BRASS; HEXAGONAL HEAD; SIZE AS REQUIRED
5	NUT: BRASS; HEXAGONAL HEAD; SIZE AS REQUIRED
6	WASHER: BRASS; SIZE AS REQUIRED
7	LOCKWASHER: BRASS; SIZE AS REQUIRED
8	SPACER: 15 LONG
9	CABLE LUG: MECHANICAL; #2 OR #2/0 AWG, AS REQUIRED
10	CONDUIT HUB: ALUMINUM; WEATHER PROOF; 1 1/2", WITH "O" RING SEAL
11	PANEL: MOUNTING HARDWARE; SIZE AS REQUIRED
12	NAMEPLATE: LAMINATED BAKELITE; 150x100x3
13	NAMEPLATE MOUNTING HARDWARE: #8 STAINLESS STEEL

REFERENCE DRAWINGS	
MOUNTING SUPPORT DETAILS FOR JUNCTION BOXES	AB-036540

DWG. RESPONSIBILITY:									
CATHODIC PROTECTION STD. COMMITTEE									
02	SEP03	CSD	MNL	REVISED NOTE 5 AND SECTION A-A					
01	JUN99	EDSD	MNL	REVISED NOTES AND SECTION A-A					
REV. NO.	DATE	BY	JO/EWO	DESCRIPTION			CHKD.	CERT.	APPD.
SAUDI ARABIAN OIL COMPANY									
DRAWN BY: AIR CHECKED BY: WED SCALE: NONE									
DATE STARTED: DATE COMPLETED:									
OPR'G. DEPT. ENG. DEPT. ORIGINAL SIGNED 5/2/98									
APP'D. FOR CONST.									
THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION OR FOR ORDERING MATERIAL UNLESS CERTIFIED AND DATED				CERTIFIED BY: ORIGINAL SIGNED DATE 04/98					
CATHODIC PROTECTION JUNCTION BOX - CABLE SPLICE									
STD. DWG. METRIC									
PLANT NO.	INDEX	DRAWING NUMBER				SHT. NO.	REV. NO.		
990	X	AA-036145				001	02		