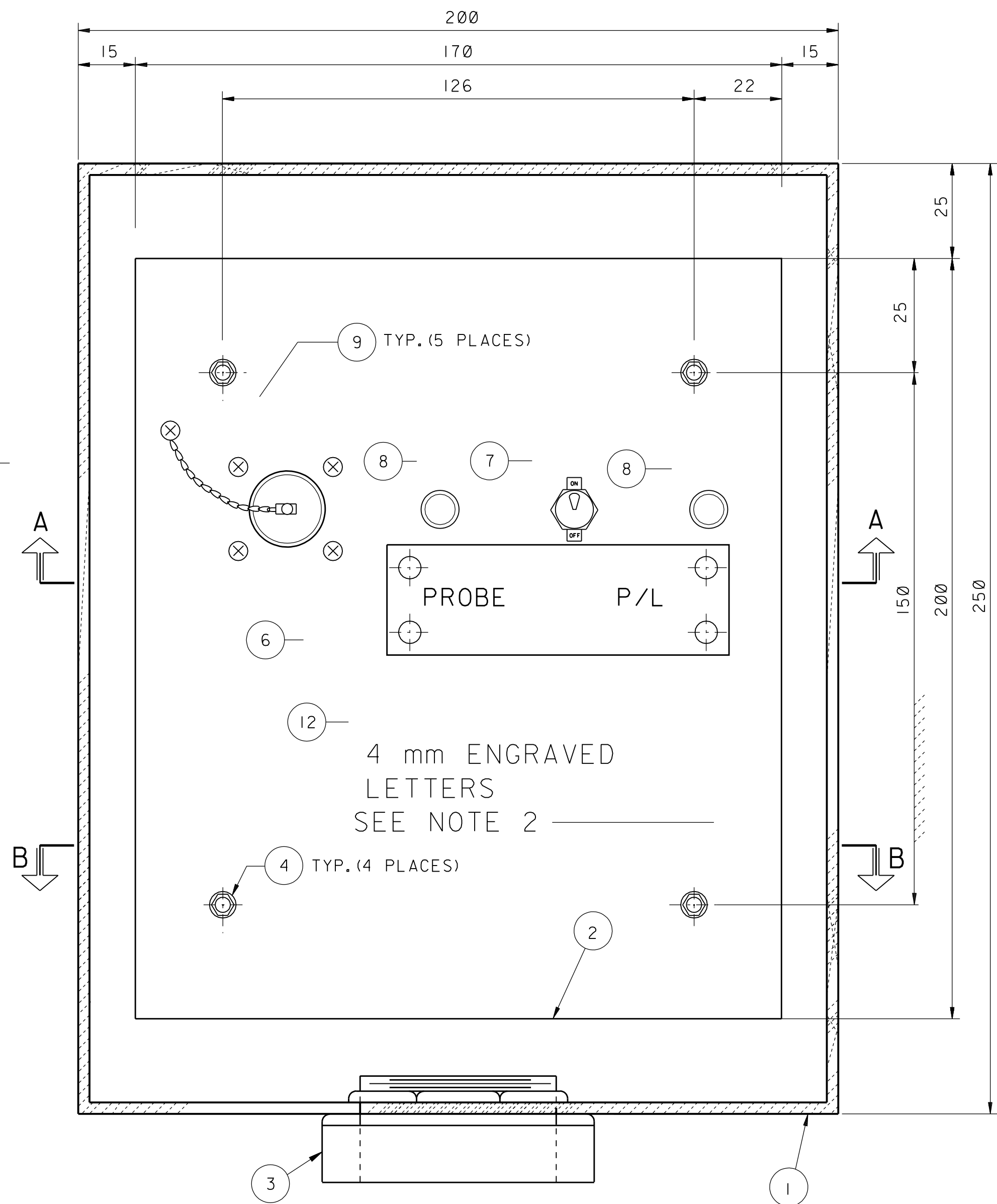


RETAINING CHAIN
FOR SOCKET CAP

CORROSION PROBE
SOCKET CAP

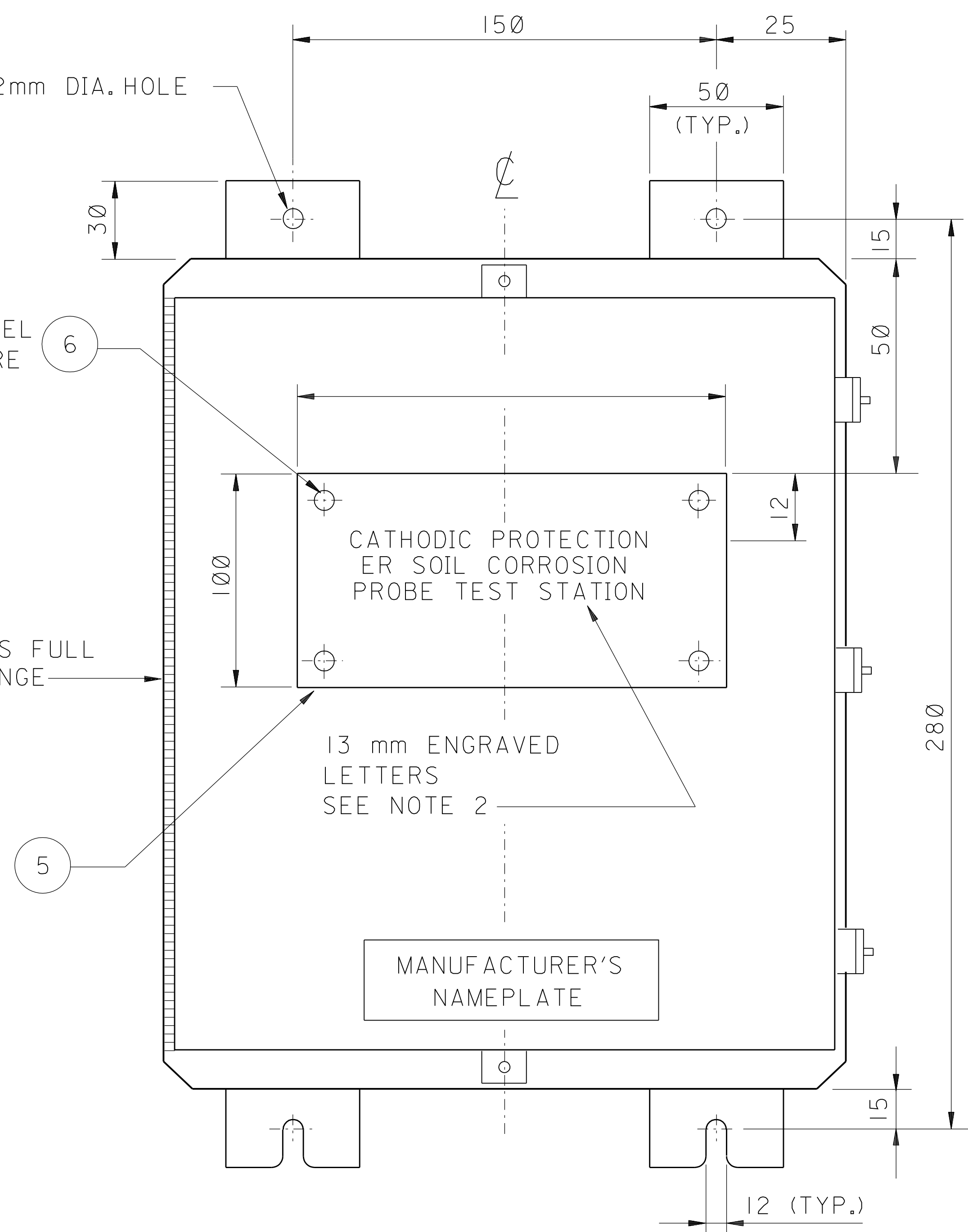


ELECTRICAL RESISTANCE SOIL CORROSION PROBE TEST STATION
200 x 250 x 110
(SHOWN WITHOUT DOOR)

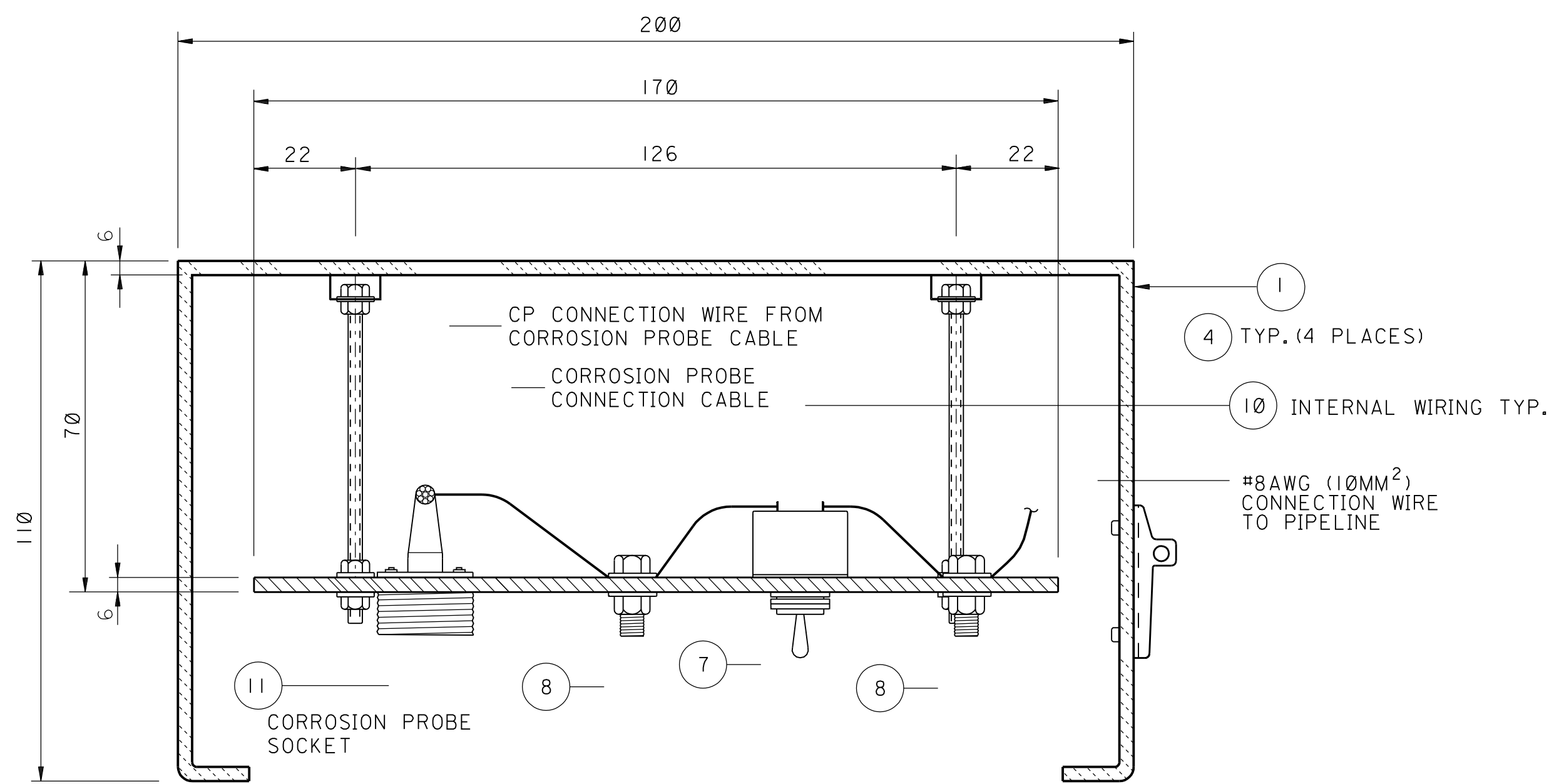
12mm DIA. HOLE

#8 STAINLESS STEEL
MOUNTING HARDWARE

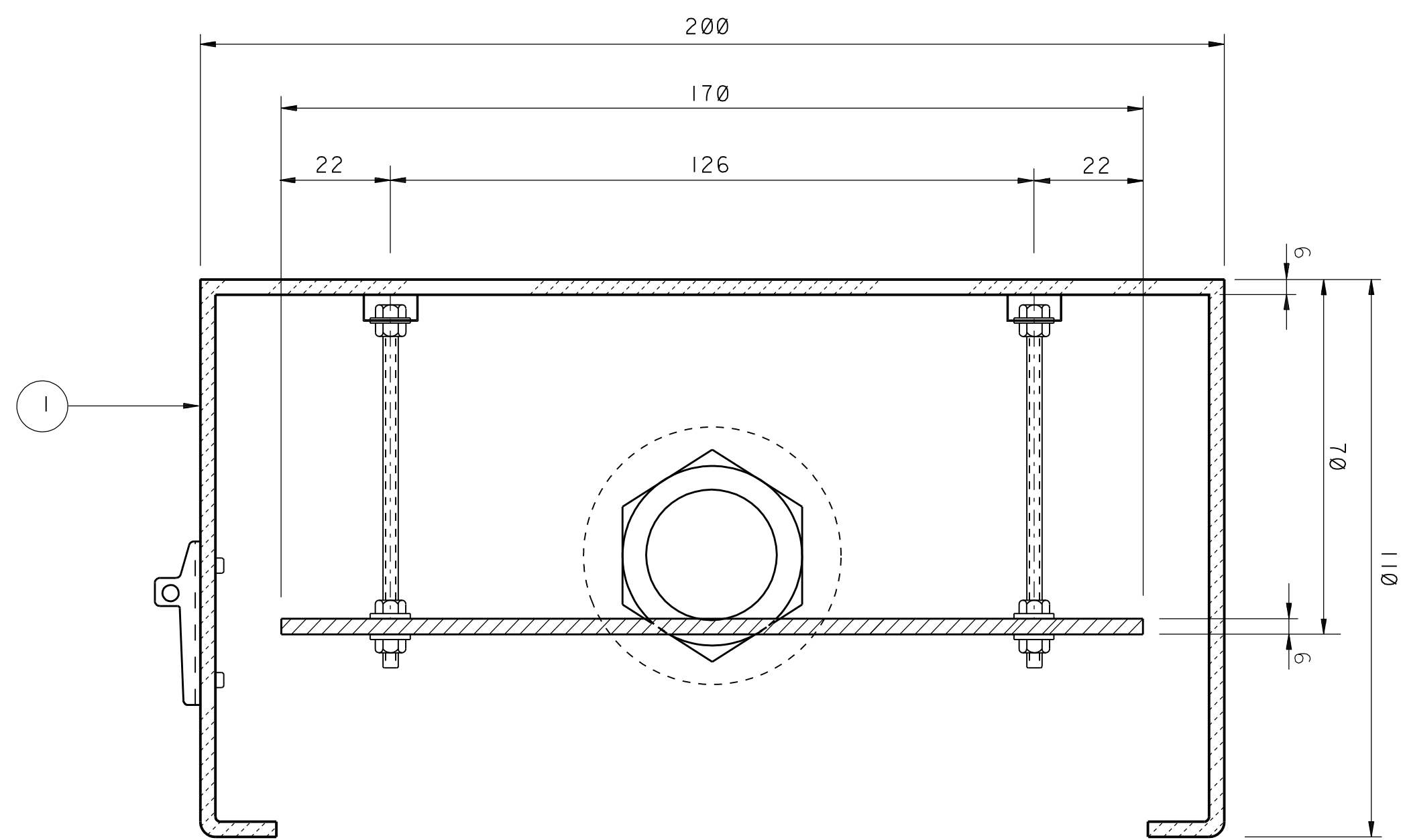
CONTINUOUS FULL
LENGTH HINGE



OUTSIDE NAMEPLATE AND
MOUNTING EARS DETAIL



SECTION A-A



SECTION B-B

NOTES:

1. THE ENCLOSURE SHALL BE IN ACCORDANCE WITH MATERIAL SPECIFICATION 17-AMSS-008.
2. ENGRAVED BLACK LETTERS ON WHITE BACKGROUND OR ENGRAVED WHITE LETTERS ON BLACK BACKGROUND MAY BE USED.
3. DRIP PROOF CONSTRUCTION SHOWN IS PREFERRED BUT NOT MANDATORY.
4. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE.
5. FOR MOUNTING SUPPORT DETAILS REFER TO STANDARD DRAWING AB-036540.
6. ALL BRASS HARDWARE SHALL BE 1/4"-20 MINIMUM SIZE.
7. ZINC CONTENT OF BRASS HARDWARE SHALL NOT EXCEED 16%.
8. FOR NON-METALLIC BOXES ANY METAL HARDWARE SHALL BE 300 SERIES STAINLESS STEEL.
9. 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	CONDUIT HUB: ALUMINUM; WEATHER PROOF; 2", WITH "O" RING SEAL
4	PANEL: MOUNTING HARDWARE; SIZE AS REQUIRED
5	NAMEPLATE: LAMINATED BAKELITE; 150x100x3
6	NAMEPLATE MOUNTING HARDWARE; #8 STAINLESS STEEL
7	ON/OFF TOGGLE SWITCH
8	STAINLESS STEEL BOLT 25mmx6mm
9	STAINLESS STEEL BOLT 15mmx3mm
10	CABLE #14AWG (2.5MM ²)
11	CORROSION PROBE: RCS 620HD-I-S20-K03005-50; WITH 50 FT. LONG CABLE OR EQUAL
12	NAMEPLATE: LAMINATED BAKELITE; 100x20x3

REFERENCE DRAWINGS

MOUNTING SUPPORT DETAILS FOR JUNCTION BOXES	AB-036540
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DWG. RESPONSIBILITY:
CATHODIC PROTECTION STD. COMMITTEE

SCALE: _____

REVISION VALIDATION

THIS REVISION NO. _____ IS COVERED, FOR ALL APPROVAL AND CERTIFICATION REQUIREMENTS, PER SAEP-334, UNDER DRAWING COMPLETION CERTIFICATE NO. _____

DESIGN CERTIFICATION	REVIEW FOR KEY DRAWINGS	OTHER
DESIGN AGENCY	DESIGN AGENCY	DESIGN AGENCY
ENGR./DATE	CERTIFIED BY/DATE	CONST. AGENCY/DATE
REV. NO./DATE	REVISION DESCRIPTION	OPERATIONS/DATE
		BY/DATE

JOB ORDER/EWO NO. _____ THIS REVISION IS NOT TO BE USED FOR CONSTRUCTION UNTIL CERTIFIED AND DATED _____

SAUDI ARABIAN OIL COMPANY

CATHODIC PROTECTION

TEST STATION-ER SOIL CORROSION PROBE

FOR BURIED PIPELINES

STD. DWG. SAUDI ARABIA

PLANT NO. INDEX DRAWING NUMBER SHT. NO. REV. NO.

990 X AA-036067 001 00

Saudi Aramco 2615 ENG. (05/05) CADD-05