

NOTES

- 1- ALL DIMENSIONS ARE IN mm. UNLESS OTHERWISE NOTED.
- 2- THE PARTICULAR CHARACTERISTICS OF INSTALLATION ARE INDICATED ON THE LOCATION DRAWINGS.
- 3- MATERIALS CHARACTERISTICS SHALL BE SPECIFIED BY DESIGNER WITH REFERENCE TO IPS-M-TP-750 (GENERAL ITEMS).
- 4- ANODES SPACING(CENTER TO CENTER) SHALL BE 3000mm. UNLESS OTHERWISE SPECIFIED BY THE DESIGNER ON THE BASIS OF LOCAL CONDITIONS.
- 5- ANODES AND PIPE ARE TO BE LOCATED SO THAT THE MID POINT OF THE ANODES BE IN THE SAME LEVEL OF THE PIPE BOTTOM.
- 6- THE CURRENT CARRYING CABLE AND LEAD CABLE SHALL BE CADWELDED ON PIPELINE SURFACE WITH 200mm. SPACING. FOR DETAILS SEE DWG. NO. IPS-D-TP-703.
- 7- FOR USING SPLICING KIT SEE DWG. NO. IPS-D-TP-719 THE SPLICING KIT USED SHALL BE WITHIN ITS STATED SHELF LIFE.
- 8- CABLE SIZES DEPENDS UPON DESIGN CONDITIONS.
- 9- THE STARTING AND END POINT OF GROUND BED SHALL BE IDENTIFIED WITH MARKER POST. MARKER POSTS SHALL BE LABELED BOTH IN FARSI AND ENGLISH "MARKER POST".
- 10- THE MARKER PLATE AND MOUNTING PIPE SHALL BE CLEANED, PRIMED, AND PAINTED WITH THE FOLLOWING PROCEDURE:
 - A) SURFACE PREPARATION TO Sa 2 1/2
 - B) ONE RED LEAD PRIMER (70 MICRONS) TO IPS-M-TP-115.
 - C) ONE INTERMEDIATE COAT OF ALKYD PAINT (100 MICRONS) TO IPS-M-TP-130.
 - D) ONE FINISHING COAT OF ALKYD GLOSSY YELLOW COLOR PAINT(100 MICRONS) TO IPS-M-TP-130; COLOR TO BS 381C, NO.309. (TOTAL THICKNESS OF PAINTING 270 MICRONS AT LEAST).
- 11- ALL BURIED METALLIC PARTS SHALL BE COATED WITH MASTIC(3mm) TO IPS-M-TP-105.
- 12- CHANGES ON DIMENSIONS OF CONCRETE BASE ARE PERMITTED SUBJECT TO LOCAL SUBSOIL CONDITIONS AND APPROVAL OF SITE ENGINEER.
- 13- THE PLASTIC BAG, OF PACKAGED ANODES, SHALL BE REMOVED PRIOR TO INSTALLATION OF THE ANODES.
- 14- FOR BARE ANODE THE BACKFILL SHALL CONSIST OF 75% BENTONITE, 20% HYDRATED GYPSUM AND 5% SODIUM SULFATE.

C		
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REV	DESCRIPTION	DATE

IRANIAN PETROLEUM STANDARDS 

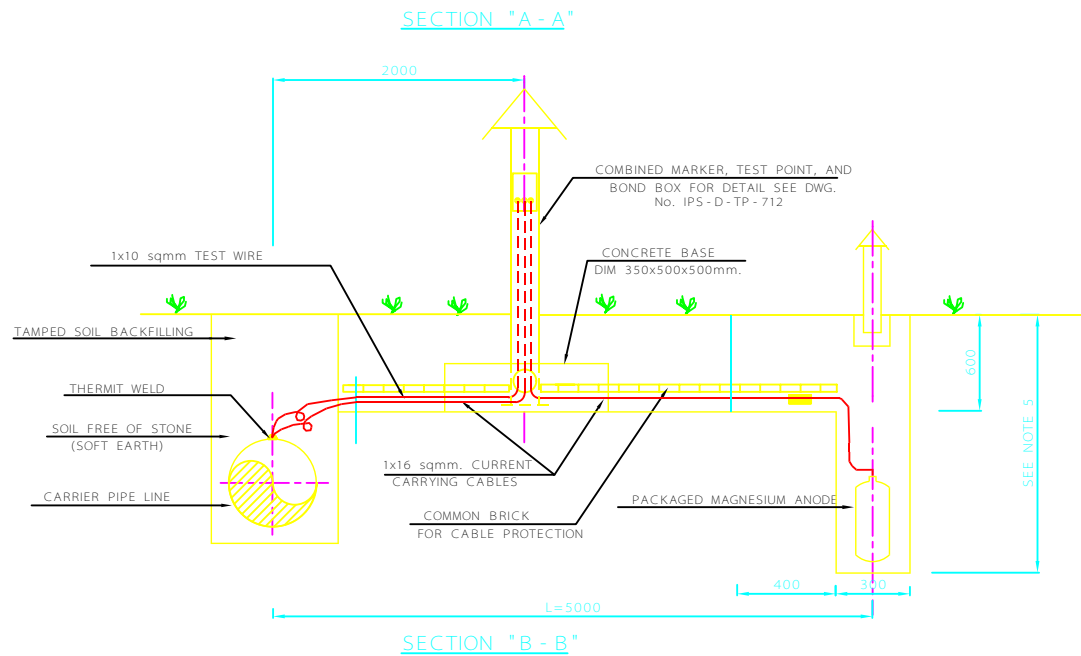
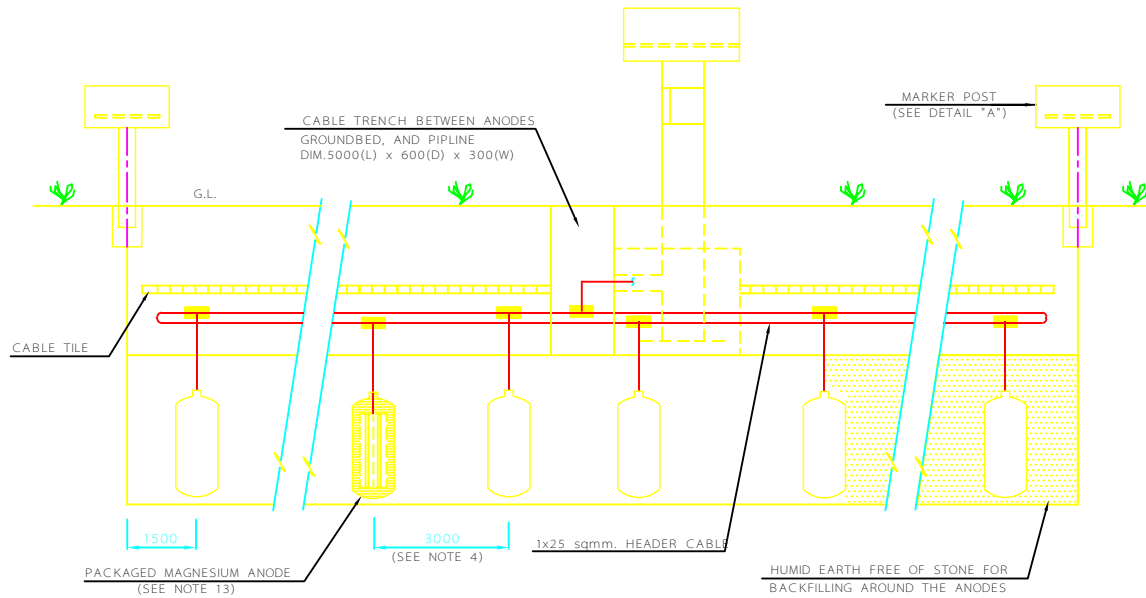
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CATHODIC PROTECTION SYSTEM CLUSTER MAGNESIUM ANODE INSTALLATION

DATE	DRAWING No.	SHEET	REV.
	IPS-D-TP-711	1/2	

NOTES

1- FOR NOTES SEE SHEET No.1 OF THIS DWG.



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REV	DESCRIPTION	DATE

IRANIAN PETROLEUM STANDARDS

NO REVISION PERMITTED UNLESS APPROVED BY STANDARD ORGANIZATION

CATHODIC PROTECTION SYSTEM
CLUSTER MAGNESIUM ANODE INSTALLATION

DATE	DRAWING No.	SHEET	REV.
	IPS - D - TP - 711	2	2