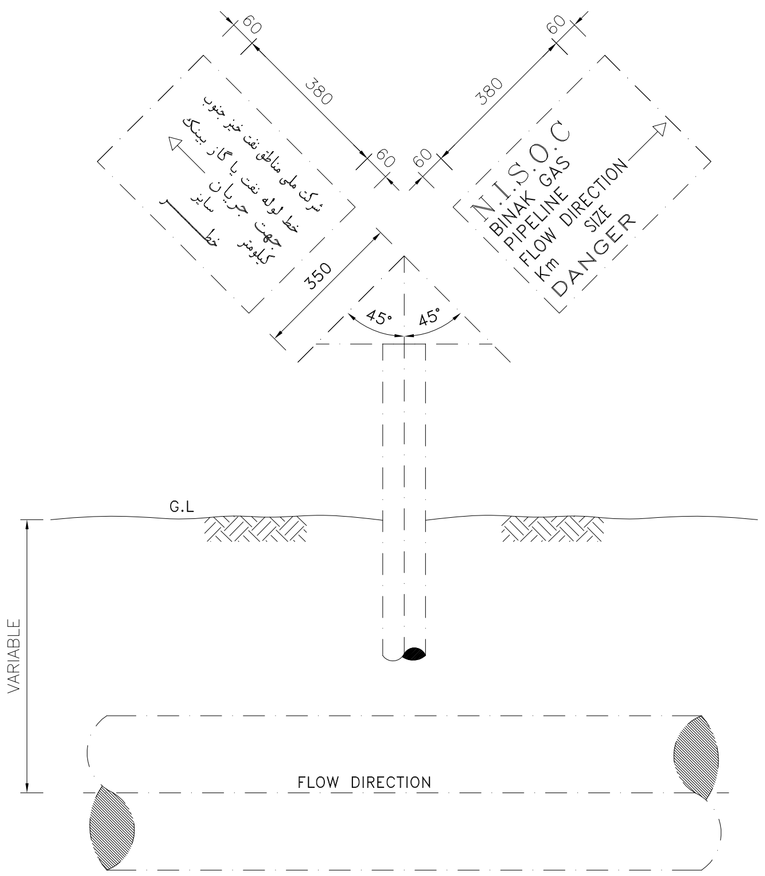
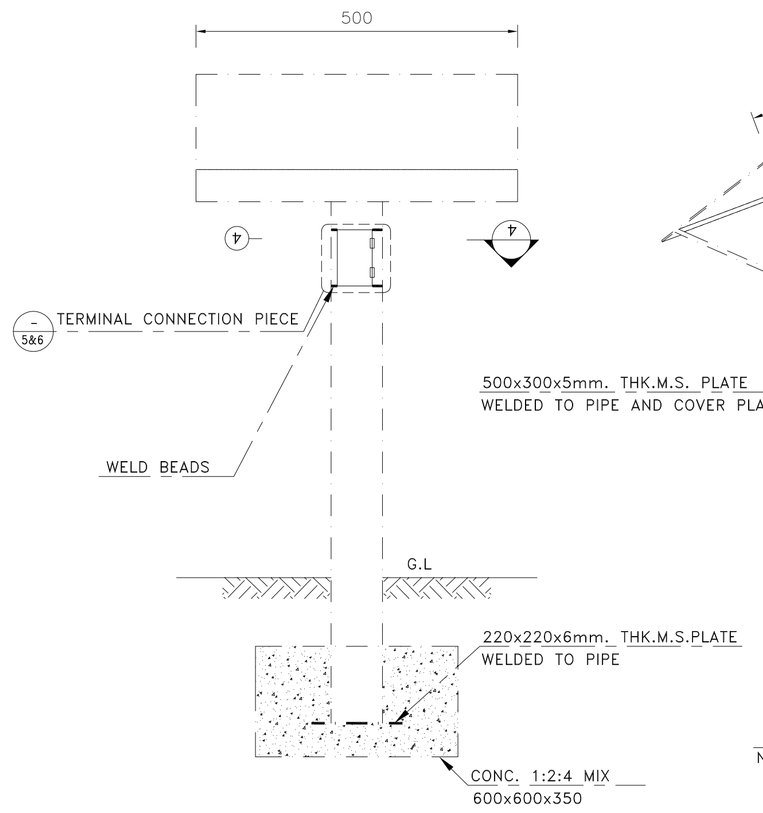
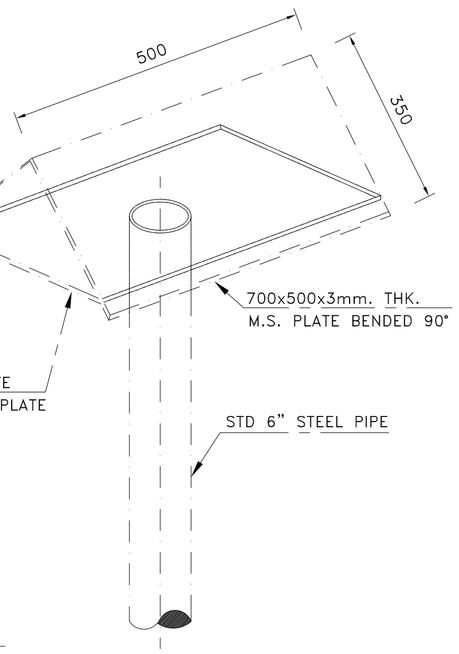


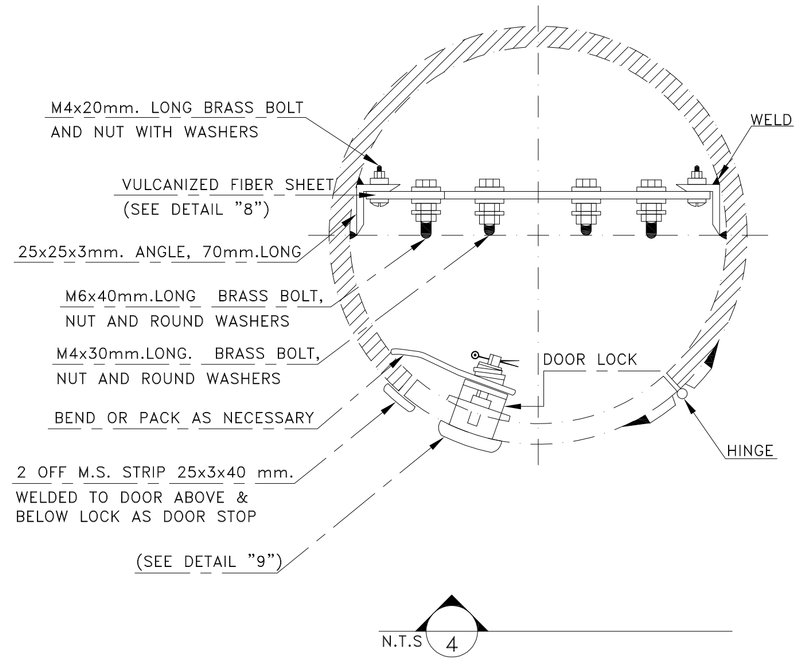
- N.T.S 1 POST MARKER ORIENTATION AND PRINT–OUT



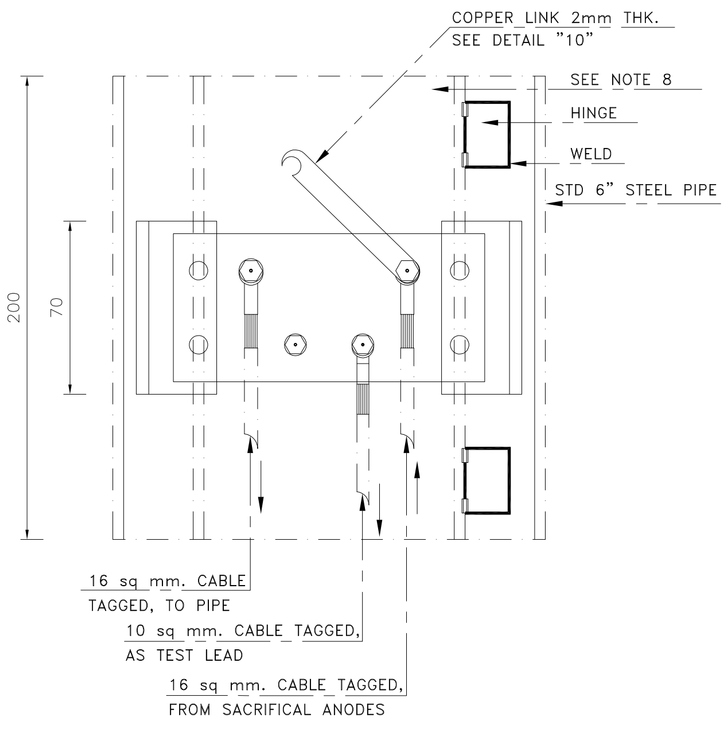
- N.T.S 2 FRONT VIEW



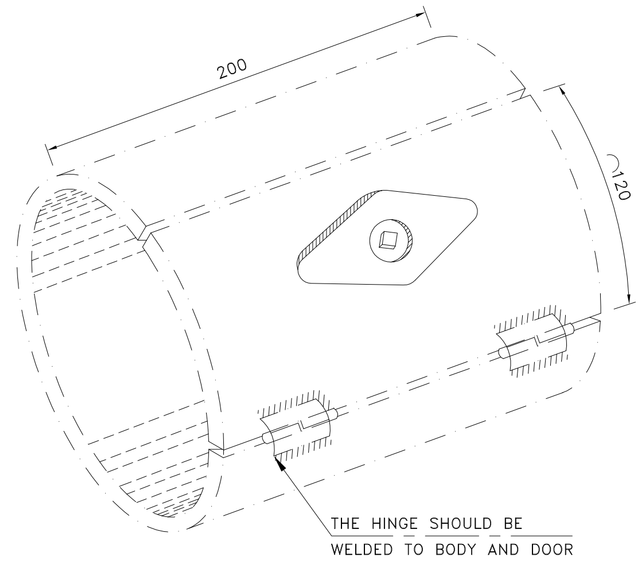
- N.T.S 3 ISOMETRIC VIEW



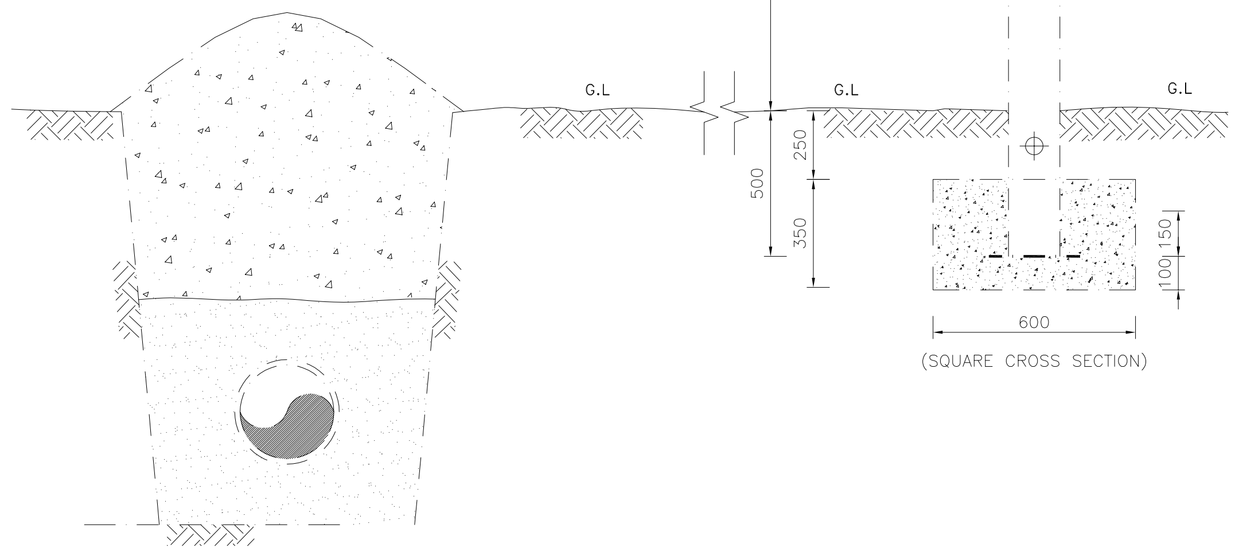
N.T.S 4



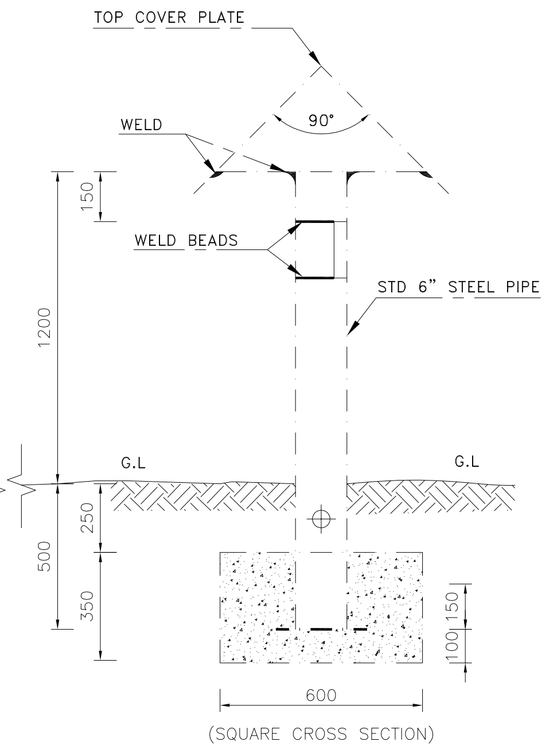
- N.T.S 5

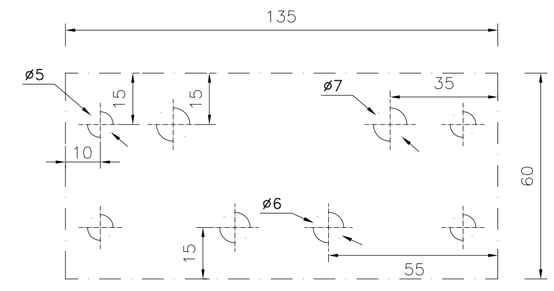


- N.T.S 6 ISOMETRIC VIEW OF TERMINAL CONNECTION PIECE WITH ITS DOOR AND LOCKING DEVICE

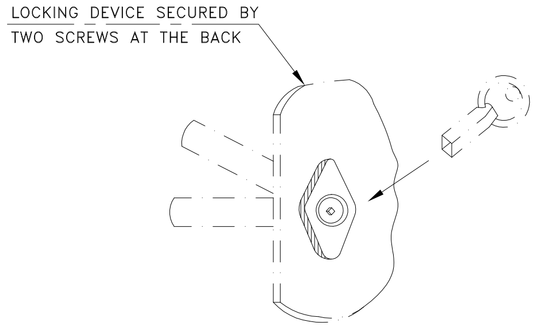


- N.T.S 7 LINE MARKER AT INTERSECTION POINTS TOWARDS FLOW DIRECTION

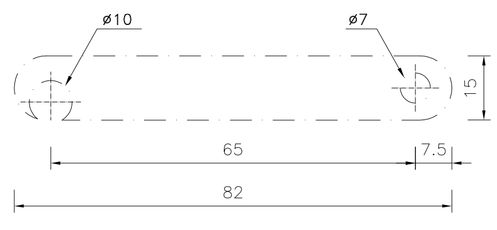




- N.T.S 8 VULCANIZED FIBER SHEET (135x60x6mm)



- N.T.S 9



- N.T.S 10

NOTES

1– PIPELINE MARKER SHOULD BE INSTALLED AT THE FOLLOWING LOCATION ALONG BURIED PIPELINES.
– AT ONE KILOMETER INTERVAL.
– AT ALL MAJOR CHANGES IN DIRECTION OF THE PIPELINE.
–AT BOTH SIDES OF EVERY ROAD,RAILWAY AND UNDER–WATER CROSSINGS.
–AT CHANGES IN WALL THICKNESS OR MATERIAL.
–AT BRANCHES.
–AT BURIED VALVE AND FITTING SUCH AS CHECK VALVES,VENTS,DRAINS,SLUG–CATCHERS,ETC.
2– MARKING AND LETTERING ON LINE MARKER AS WELL AS TEST–POINT MARKER SHALL BE STENCILED IN BLACK PERSIAN AND ENGLISH LETTERS/NUMBERS. THE HEIGHT OF LETTERING IN BOTH PERSIAN AND ENGLISH LETTERS TO BE ADJUSTED ON THE COVER PLATE.
3– ALL DIMENSIONS ARE IN MILLIMETER UNLESS OTHER WISE INDICATED.
4– CEMENT CHARACHTERISTIC WILL BE DETERMINED ACCORDING TO GEOTECHNICAL REPORT AND RECOMMENDATIONS.
5– THE MARKER PLATE AND MOUNTING PIPE SHALL BE CLEANED,PRIMED, AND PAINTED WITH THE FOLLOWING PROCEDURE.
A. SURFACE PREPARATION TO SA 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–120.
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)
6– CHANGES ON DIMENSIONS OF CONCRETE BASE ARE PERMITTED SUBJECT TO LOCAL SUBSOIL CONDITIONS AND APPROVAL OF SITE ENGINEER.
7– ALL BURIED METALLIC PARTS SHALL BE COATED (3MM) WITH MASTIC (IPS–M–TP–105).
8– THE DOOR IS REMOVED TO SHOW DETAIL OF THE TERMINAL BLOCK.
9– THE COMBINED MARKER, TEST POINT AND BOND BOX SHALL BE USED FOR SACRIFICIAL ANODES(IPS–D–TP–711).
10– THE CABLE ENDS SHALL BE SYSTEMATICALLY TAGGED.THE TAG SHALL BE CRIMPED FOR IDENTIFICATION COLOR CODE OF THE CABLES.

LEGEND

G.L = GROUND LEVEL

REFERENCE DRAWING	DRG. No.
COMBINED PIPE LINE MARKER CATHODIC PROTECTION TEST POINT	S4L–6508–001
ELECTRICAL CONNECTION CATHODIC PROTECTION SYSTEM	S4L–6508–002
CATHODIC PROTECTION GROUND BED	S4L–6508–003

KEY PLAN

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D02	AUG.2022	IFA	R.BERLOUIE	M.FAKHARIAN	M.MEHRSHAD	**.**
D01	DEC.2021	IFA	R.BERLOUIE	M.FAKHARIAN	M.MEHRSHAD	**.**
D00	SEP.2021	IFC	M.ASGHARNEJAD	M.FAKHARIAN	SH.GHALIKAR	**.**

REV.	DESCRIPTION	CHECKED BY	DATE	REV. APPR. BY	DATE
***	**********	**.**	***.****	**.**	***.****

PROJECT NAME: BINAK OILFIELD DEVELOPMENT GENERAL

PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES

EPD/EPC CONTRACTOR (GC): PETROIRAN DEVELOPMENT COMPANY (PEDCO)

أصل و كليه نسخ اين نقشه و حق اقتباس متعلق به شركت ملي مناطق نفت خيز جنوب ميباشد.
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BINAK OILFIELD DEVELOPMENT GENERAL

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION BY: DATE:

DRAWING TITLE: PIPELINE STANDARD DRAWING FOR LINE MARKER

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
N.T.S	A1	BK–GNRAL–PEDCO–000–PL–DW–0001	1 OF 1	D02

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053–073–9184	F	4	L	707166	01	D02

D02 TOTALLY REVISED