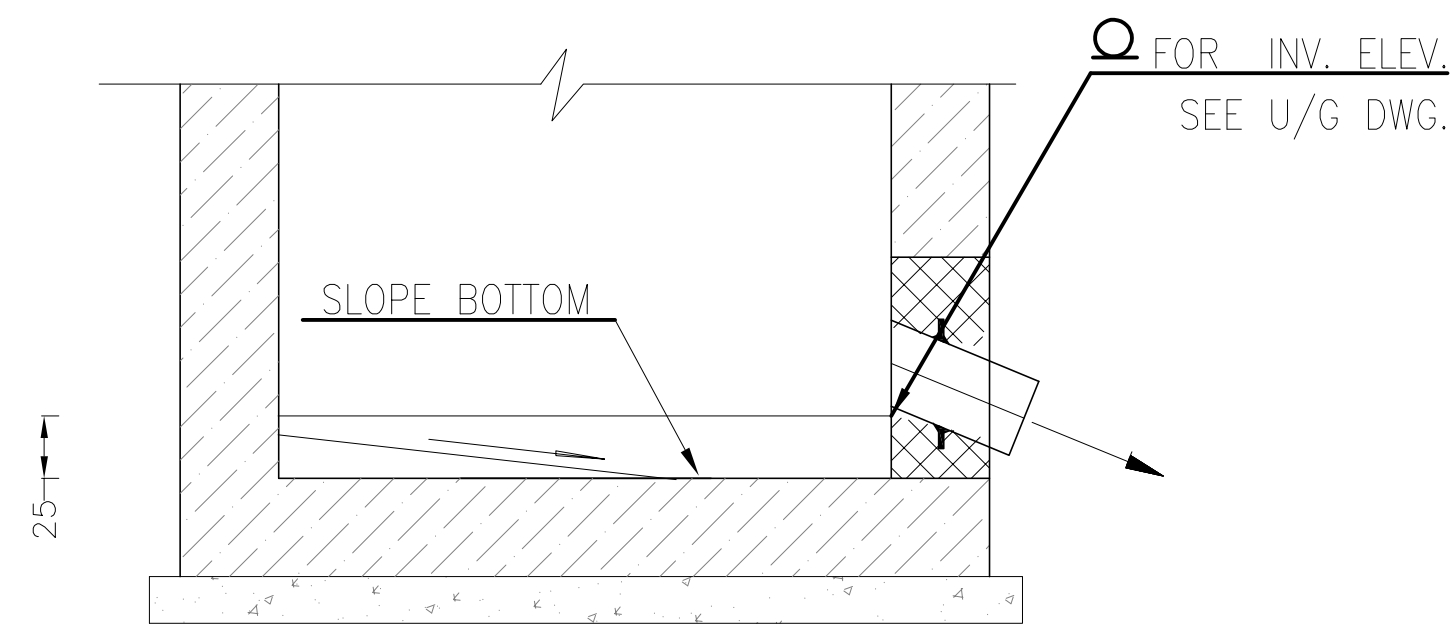
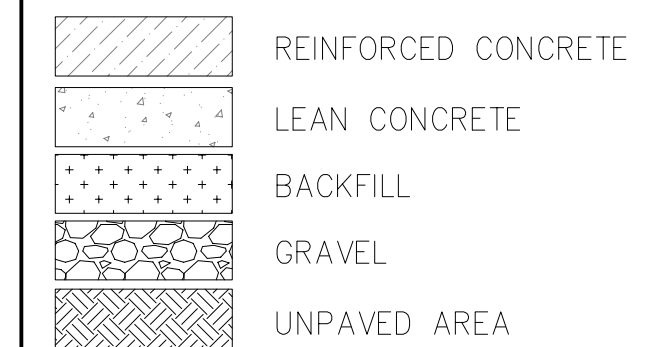




NOTES

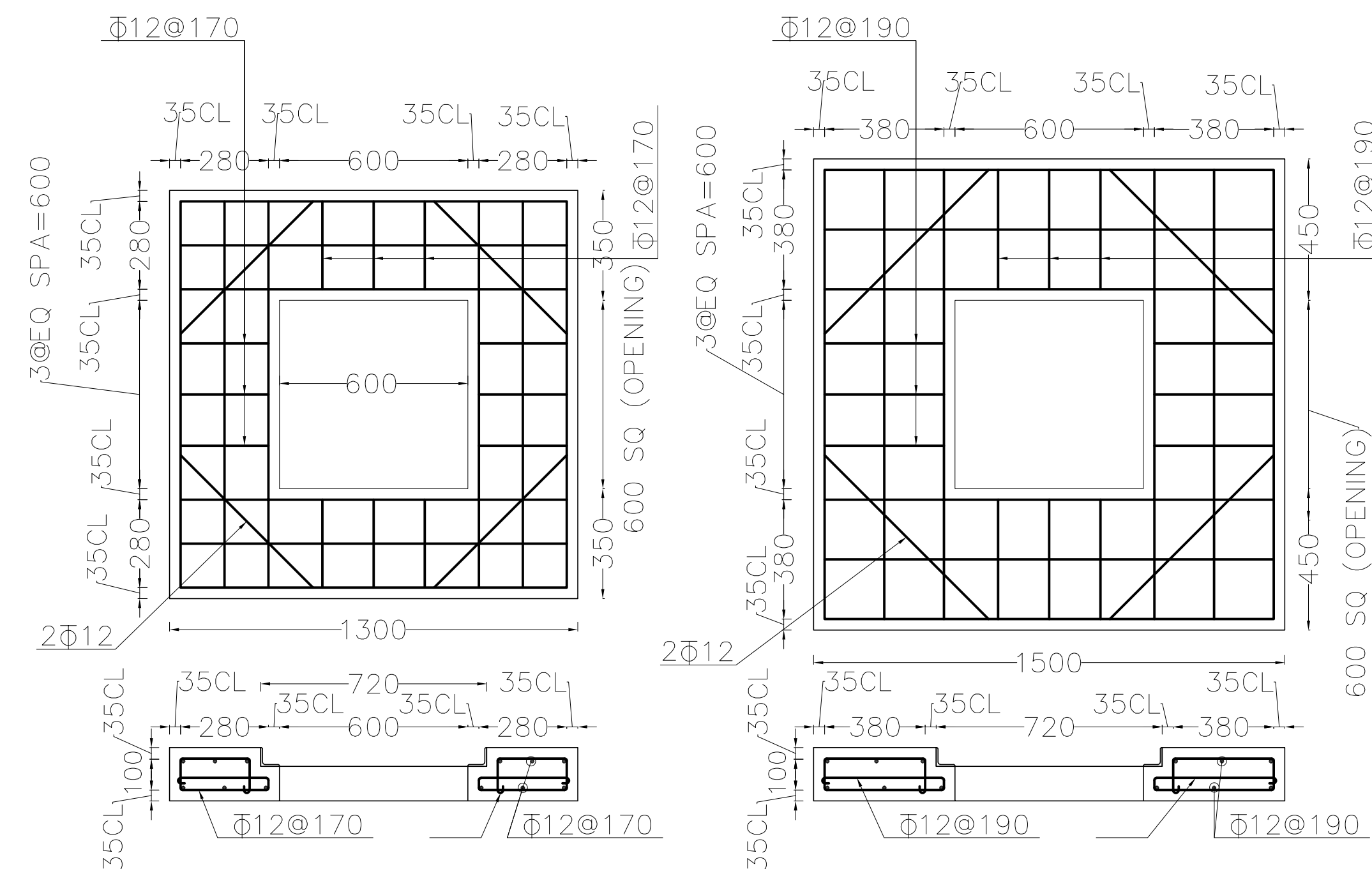
- 1- ALL DIMENSION ARE IN MILLIMETERS UNLESS OTHERWISE STATED.
- 2- ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS, 28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF CONCRETE IS 25MPa. (ON CYLINDRICAL SPECIMEN).
- 3- ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS, 28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF LEAN CONCRETE IS 10MPa. (ON CYLINDRICAL SPECIMEN).
- 4- TYPE II CEMENT SHALL BE USED UNLESS OTHERWISE INDICATED IN THE GEOTECHNICAL SITE REPORT.
- 5- REINFORCING BARS SHALL BE S400
- 6- ACCORDING TO: ISIRI3132 AND INBC9 WITH MINIMUM TENSILE YIELD STRENGTH 400 N/mm²
- 7- FOR LADDER RUNGS DETAIL SEE SHEET 2/2.
- 8- UNDERGROUND CONCRETE SHALL BE PROTECTED AND COATED ACCORDING TO RELEVANT SPECIFICATION.
- 9- AFTER THE APPROVAL OF THE GEOTECHNICAL REPORT, THE TYPE OF CEMENT WILL BE ANNOUNCED

LEGEND



REFERENCE DRAWING	DRG. No.
Specification For Concrete Work	BK-GNARL-PEDCO-000-ST-SP-0001
Specification For Sewerage & Drainage	BK-GNARL-PEDCO-000-CV-SP-0005
Underground System Catch Basin & Dry Boxes	NIOED-SP-1008-1/10-A3
General Notes - Reinforced Concrete Structures	BK-GNARL-PEDCO-000-ST-DW-0013
SIPHON PIPE SEAL, HOLES REINFORCEMENT & LADDER RUNGS	NIOED-SP-1008-10/10-A3
STANDARD DETAILS OF MISCELLANEOUS ITEMS	BK-GNARL-PEDCO-000-CV-DW-0040

KEY PLAN

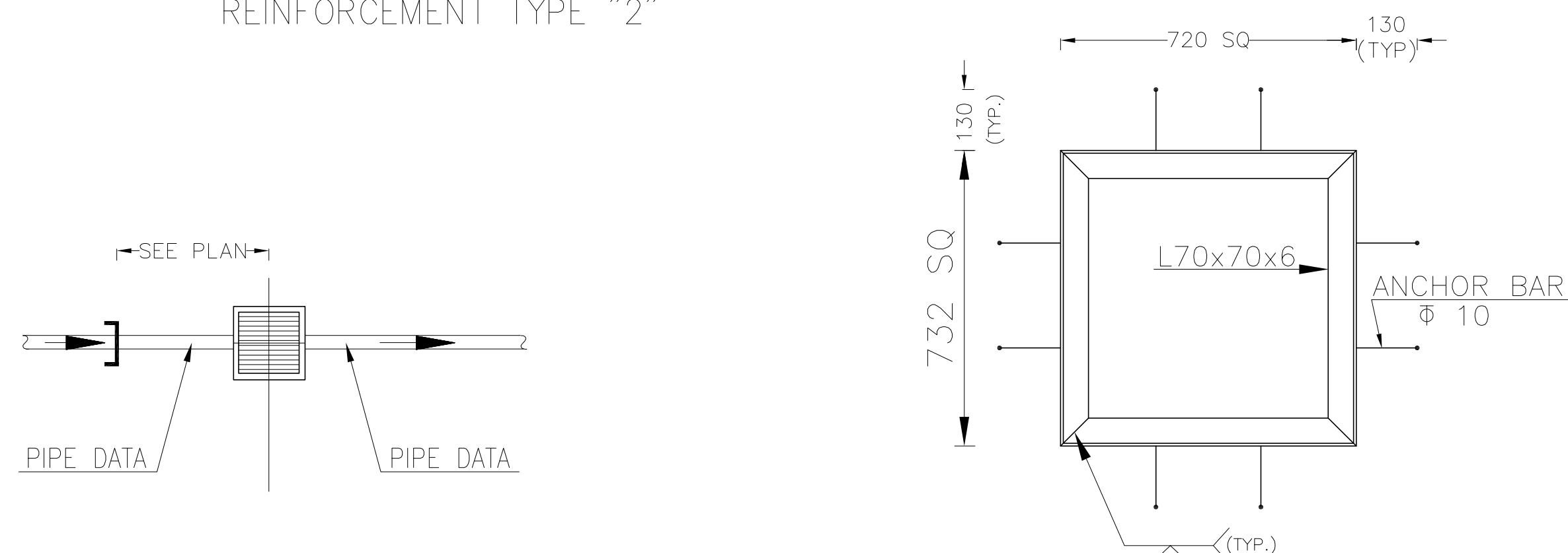


COVER REINFORCEMENT

1:3

3

FOR $H \leq 2000$ $D=150$
REINFORCEMENT TYPE "1"
FOR $2000 < H \leq 3000$ $D=250$
REINFORCEMENT TYPE "2"



Technical drawing of a reinforced concrete slab cross-section. The drawing shows a rectangular slab with a width of 700 and a height of 30. The slab is reinforced with a grid of bars. The top reinforcement consists of a main bar (50 TYP.) and a cross bar (CROSS BAR SQUARE TWISTED BAR 6x6). The bottom reinforcement consists of a main bar (BEARING BAR BAR 50x3) and a cross bar (CROSS BAR SQUARE TWISTED BAR 6x6). The slab is supported by a wall or column. The drawing also shows a grating cover (50 THK. (GRID 50x30)) on top of the slab. The span (direction of bearing bar) is indicated by an arrow. The panel width is indicated by a dimension line.

50
TYP.

CROSS BAR
SQUARE TWISTED
BAR 6x6

30
TYP.

PANEL WIDTH

SPAN (DIRECTION
OF BEARING BAR)

BEARING BAR
BAR 50x3

700

GRATING COVER
50 THK.
(GRID 50x30)

SYMBOL ON U/G DWG

N.T.S 5

N.T.S.  COVER GARDING

	D05	JUN 2023	APC	R.BERLOUJE	M.FAKHARAN	A.M.MOHSINI	***
	D04	NOV 2022	IFA	R.BERLOUJE	M.FAKHARAN	M.MEHRSHAD	***
	D03	OCT 2022	IFA	R.BERLOUJE	M.FAKHARAN	M.MEHRSHAD	***
	D02	AUG 2022	IFA	R.BERLOUJE	M.FAKHARAN	M.MEHRSHAD	***
	D01	JAN 2022	IFA	R.BERLOUJE	M.FAKHARAN	M.MEHRSHAD	***
	D00	AUG 2021	IFI	M.ASGHARNAEED	M.FAKHARAN	SH.GHALPALKAR	***
	REV.	DATE	P.O.I.S	PREP.	CHK.	AUT.	

اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.

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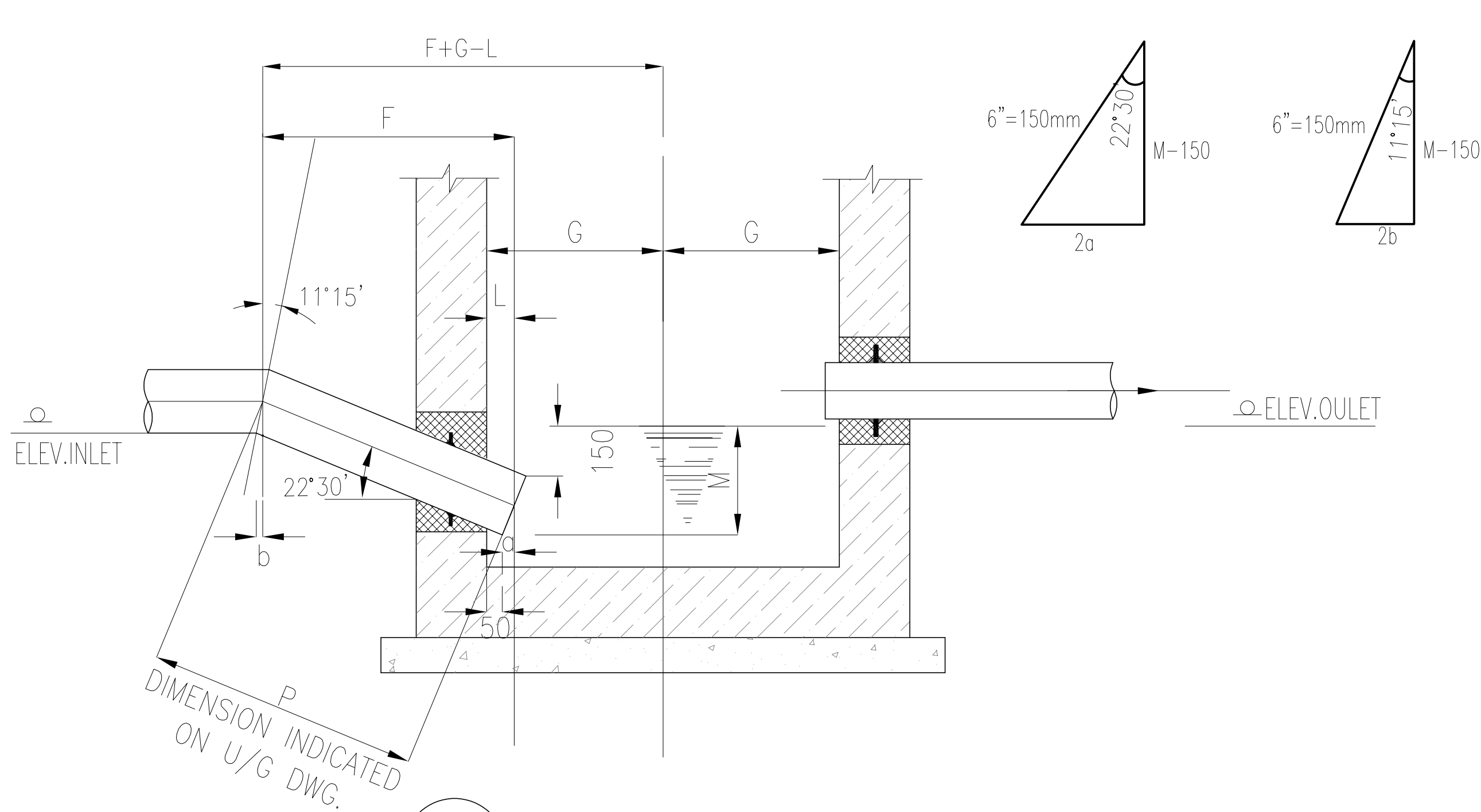
PROJECT NAME:		BINAK OILFIELD DEVELOPMENT GENERAL	
PROJECT NO.:		971020	
EPC CONTRACTOR:		EPD/EPC CONTRACTOR (GC):	
 			
HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES		PEDCO	

BINAK OILFIELD DEVELOPMENT
GENERAL

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED			
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STANDARD DRAWING - CATCH BASIN DETAIL					APPROVED FOR CONSTRUCTION			BY:	DATE:		
SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.	BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
N.T.S.	A3	BK-GNRL-PEDCO-000-CV-DW-0006	01 OF 02	D05	053-073-9184	F	4	2	707252	1	D05



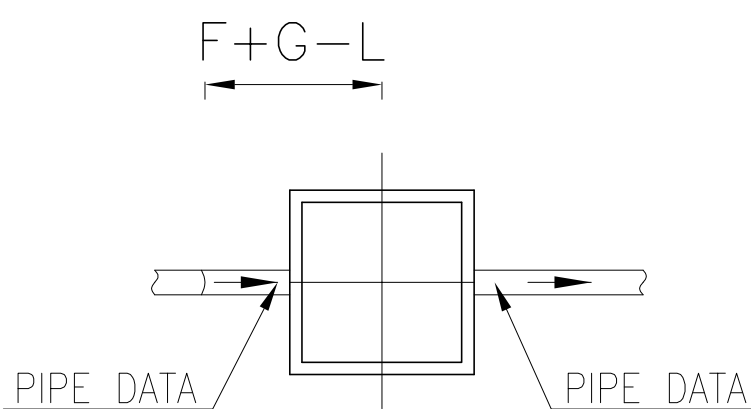
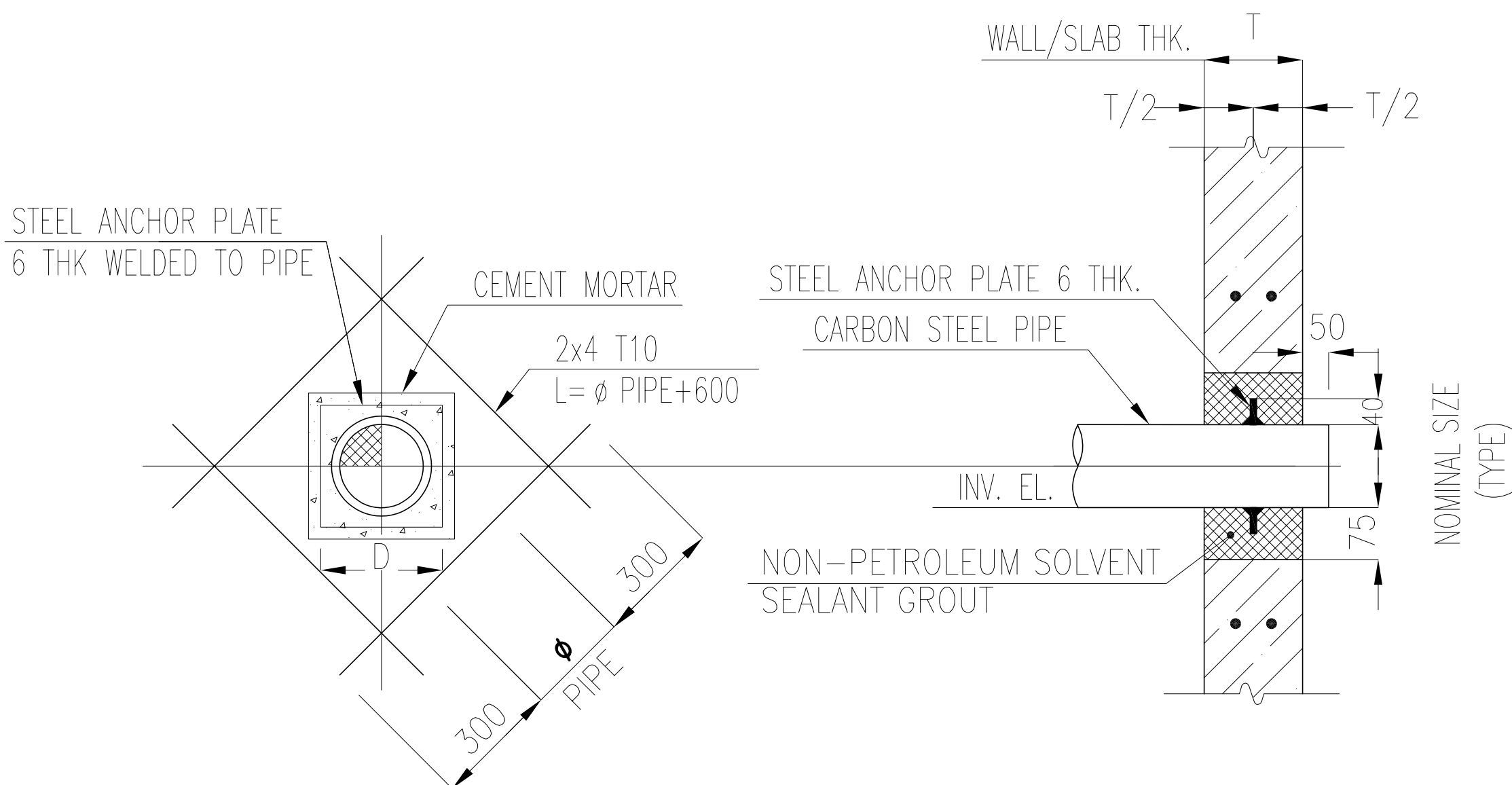
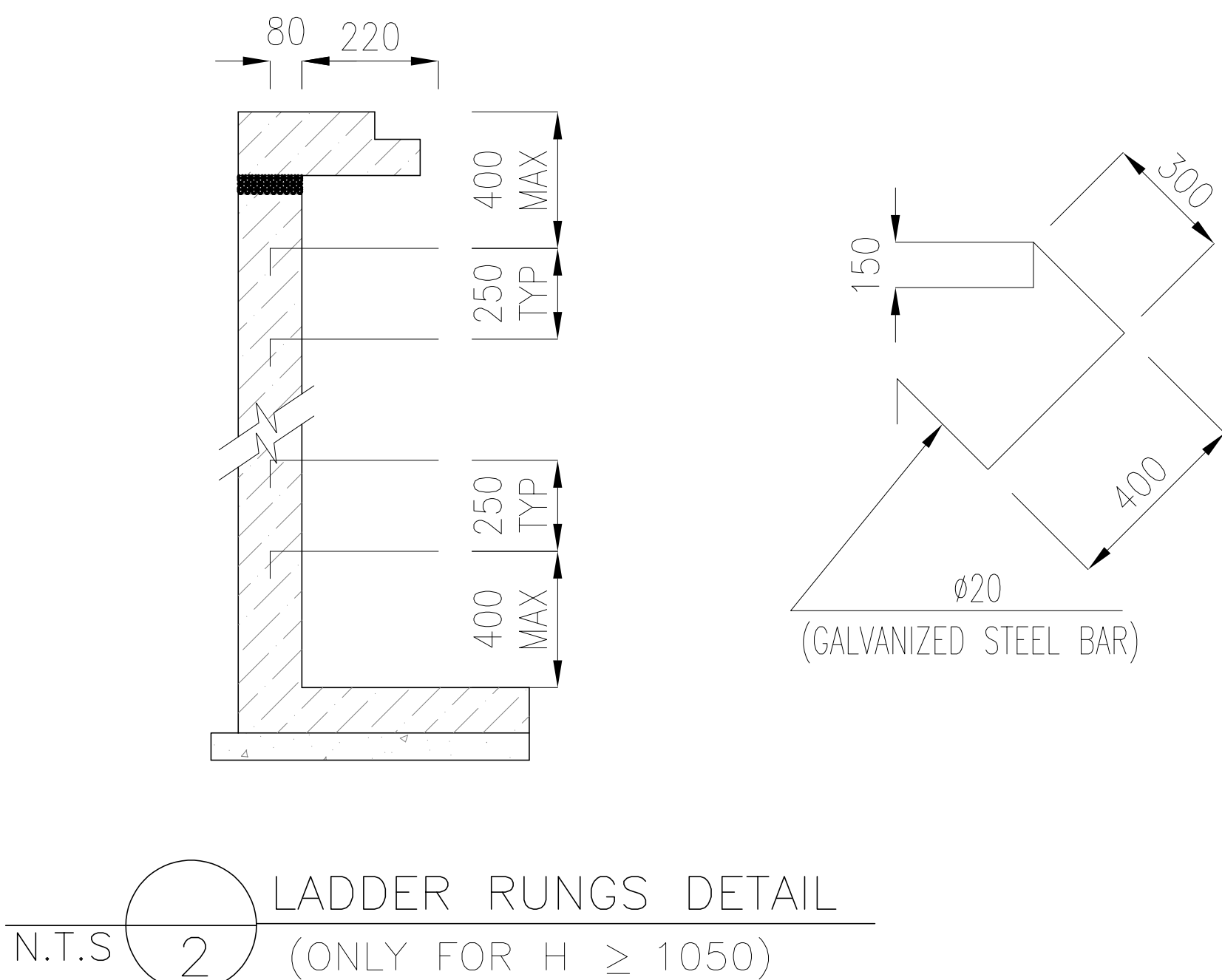
VALUE OF (a-b) M & L RELEVANT TO INLET PIPE DIAMETER			
INLET PIPE DIAMETER	a - b	M	L
ø4"	10	250	70
ø6"	15	310	80
ø8"	20	360	90
ø10"	25	402	102
ø12"	30	448	112
ø14"	33	478	118
ø16"	37	525	128
ø18"	42	572	137
ø20"	47	618	147
ø24"	56	713	167
ø28"	66	807	186
ø32"	75	901	205

DETERMINATION OF DIMENSION "P" TO BE INDICATED ON U/G DWG.

$$F=2.414 \times [(ELEV.INLET-ELEV.OUTLET)+M]+(a-b)$$

$$P=1.08 \times F$$

SIPHON PIPE SEAL TO 22°,30'



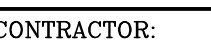
- NOTES
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- LEGEND
- REINFORCED CONCRETE
 - LEAN CONCRETE
 - BACKFILL
 - GRAVEL
 - UNPAVED AREA

REFERENCE DRAWING	DRG. No.
Specification For Concrete Work	BK-GNRL-PEDCO-000-ST-SP-0001
Specification For Sewerage & Drainage	BK-GNRL-PEDCO-000-CV-SP-0005
Underground System Catch Basin & Dry Boxes	NI0EC-SD-1006-1/10-A3
General Notes - Reinforced Concrete Structures	BK-GNRL-PEDCO-000-ST-DW-0012
SIPHON PIPE SEAL, HOLES REINFORCEMENT & LADDER RUNGS	NI0EC-SD-1006-10/10-A3
STANDARD DETAILS OF MISCELLANEOUS ITEMS	BK-GNRL-PEDCO-000-CV-DW-0040

KEY PLAN

D05	JUN.2023	APC	R.BERLOUIE	M.FAKHARIAN	A.M.MOHSSENI	***
D04	NOV.2022	IFA	R.BERLOUIE	M.FAKHARIAN	M.MEHRSHAD	***
D03	OCT.2022	IFA	R.BERLOUIE	M.FAKHARIAN	M.MEHRSHAD	***
D02	AUG.2022	IFA	R.BERLOUIE	M.FAKHARIAN	M.MEHRSHAD	***
D01	JAN.2022	IFA	R.BERLOUIE	M.FAKHARIAN	M.MEHRSHAD	***
D00	AUG.2021	IFI	M.ASHGHARIZADEH	M.FAKHARIAN	SH.GHALKAR	***
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.

PROJECT NAME:		BINAK OILFIELD DEVELOPMENT GENERAL			
PROJECT NO.:		971020			
EPC CONTRACTOR:		EPD/EPC CONTRACTOR (GC):			
 HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES				 PETROIRAN DEVELOPMENT COMPANY	
DRAWING TITLE: STANDARD DRAWING FOR CATCH BASINS CATCH BASIN DIMENSION- LADDER DETAIL					
SCALE	SIZE	DRAWING NO.		SHEET NO.	REV.
N.T.S	A3	BK-GNRL-PEDCO-000-CV-DW-0006		02 OF 02	D05

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BINAK OILFIELD DEVELOPMENT GENERAL					
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.	
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APPROVED FOR CONSTRUCTION		BY:		DATE:	
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET
053-073-9184	F	4	2	707252	2