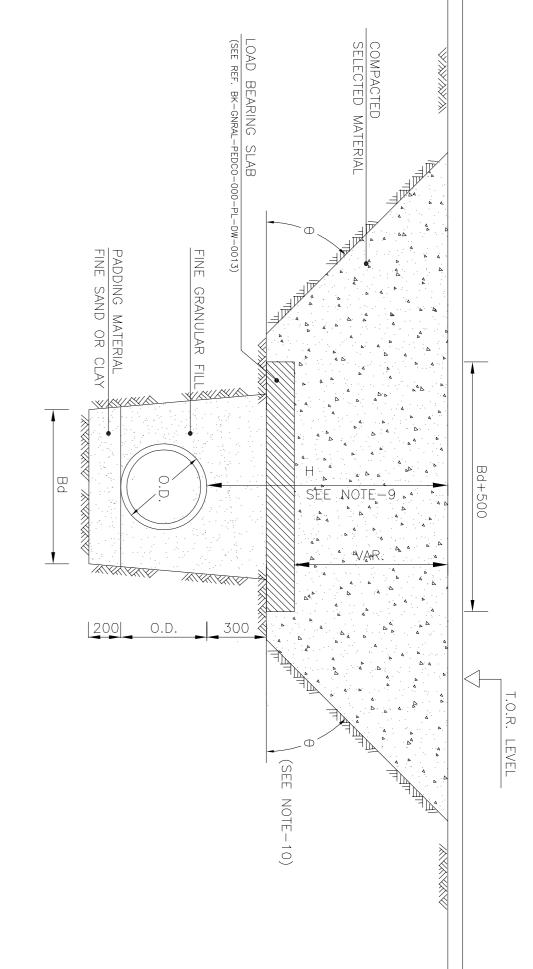


TYPICAL SECTION FOR TRENCHING, BEDDING AND BACK FILL (FOR



8-THE IMPORTED MATERIAL FOR USE AS BACKFILL SHALL BE CLEAN SOIL FREE FROM ORGANIC MATERIAL, TRASH, DEBRIS, RUBBISH, BROKEN PORTLAND CEMENT CONCRETE, BITUMINOUS MATERIALS OR OTHER OBJECTIONABLE SUBSTANCES.

THE BACKFILL IN TRENCHES CROSSING PERMANENT ROADS SHALL BE THOROUGHLY COMPACTED AND THE ROAD PAVEMENT TEMPORARILY REINSTATED AND MAINTAINED UNTIL SETTLEMENT HAS CEASED.

PIPE BURIED DEPTH "H" SHALL BE MIN. 120 cm FOR ROAD CROSSING. FOR "H" GREATER THAN 180 cm, LOAD BEARING SLAB IS NOT REQUIRED. FOR GRP PIPES, BEDDING DETAIL AND BURIED DEPTH REQUIREMENTS SHALL BE REFERRED TO VENDOR INSTRUCTION.

7-THE EDGES OF REINFORCED CONCRETE SLAB SHALL BE BEARED BY VIRGIN GROUND WHEREVER PRACTICALLY POSSIBLE.

TYPICAL SECTION FOR SINGLE PIPE IN STREET CROSSING sc. n.t.s (FOR ALL SYSTEMS)

11—THE MINIMUM SPACE BETWEEN TWO PARALLEL PIPES (D) IS EQUAL TO (OD1/2) (HALF THE DIAMETER OF LARGER PIPE), BUT NOT SMALLER THAN 300mm.

GROUND NATURE

VERY SOFT SOIL
SOFT SOIL
SEMI HARD SOIL
HARD SOIL
ROCKS

Tg () (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1) (1:1)

MAX. 33.7°
MAX. 45°
MAX. 56.3°
MAX. 71.6°
MAX. 76°

	300 TO 90	150 TO 30	LESS THAN	ZOMIZ		
MORE THAN 900 (OR 36")	300 TO 900 (OR 12" TO 36")	150 TO 300 (OR 6" TO 12")	LESS THAN 150 (OR 6")	NOMINAL PIPE SIZE (mm)	PIPE BEDDING DIMENSIONS	
0 0+1000	0.D+800	0.D+600	0.D+400	Bd (mm)	IMENSIONS	

line Standard Drawing For er Slabs And Set—On—Weight dard Drawing for Civil Underground

R R R

-GNRAL-PEDCO-000-PL-DW-0013 -GNRAL-PEDCO-000-CV-DW-0008

NCE DRAWING

DRG. No.
-GNRAL-PEDCO-000-CV-SP-0004

T.O.R. B.D. O.D.

. TOP OF ROAD BEDDING DIMENSION OUTER DIAMETER

COMPACTED
SELECTED MATERIAL

O.R. LEVEL

FINE GRANULAR

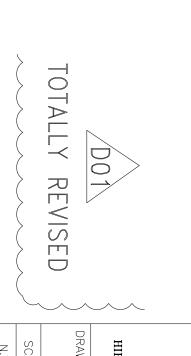
200 O.D1. 300 \$

TYPICAL SECTION FOR DOUBLE PIPE IN STREET CROSSING SC. N.T.S

(FOR ALL SYSTEMS)

OD=OD1+OD2+D

AUG.2022 IFA R.BERLOUIE M.FAKHARIAN M.MEHRSHAD **.** AUG.2021 IFI R.BERLOUIE M.FAKHARIAN M.MEHRSHAD **.** PREP. CHK. APP. AUT.					
IFA R.BERLOUIE M.FAKHARIAN M.MEHRSHAD **.** REV P.O.I.S PREP. CHK. APP. AUT.	REV.	D00	D01		
R.BERLOUIE M.FAKHARIAN M.MEHRSHAD **.** R.BERLOUIE M.FAKHARIAN M.MEHRSHAD **.** PREP. CHK. APP. AUT.	DATE	AUG.2021	AUG.2022		
M.FAKHARIAN M.MEHRSHAD **.** M.FAKHARIAN M.MEHRSHAD **.** CHK. APP. AUT.	P.O.I.S	IFI	IFA		
M.MEHRSHAD **.** M.MEHRSHAD **.** APP. AUT.	PREP.	R.BERLOUIE	R.BERLOUIE		
AUT. ** ** ** ** ** ** ** ** ** ** ** ** **	CHK.	M.FAKHARIAN	M.FAKHARIAN		
Z *	APP.	M.MEHRSHAD	M.MEHRSHAD		
**** ***** REV. DESCR	AUT.	**	**		
***** DESCR	شده	REV.		* *	
***** PTION ملی مناطق نفت	ت ملى مناطق نفت خيز جنوب ميباشد.	DESCRIPTION		*****	



SCALE		DRAWING TITLE:		HIRGAN		EPC CONTRACTOR:	PROJECT NO .:	PROJECT NAME:	REV.	D00	D01			
SIZE	S		COME	ENERGY - I	ENERGY	TRACTOR:	NO.:	NAME:	DATE	AUG.2021	AUG.2022			
DRAWING NO	STANDARD DRAWING FOR PIPE BEDDING DRAWING NO.		COMPANIES	HIRGAN ENERGY - DESIGN & INSPECTION					P.O.I.S	Ē	IFA			
NG NO.	OR PIPE BE	OR PIPE B		EPD/EPC O			971020	BINAK OILFIELD DEVELOPMENT GENERAL	PREP.	R.BERLOUIE	R.BERLOUIE			
	BEDDING					EPD/EPC CONTRACTOR (GC):	20	DEVELOPMENT RAL	CHK.	M.FAKHARIAN	M.FAKHARIAN			
SHEET NO.				COMPANY	PETROIRAN DEVELOPMENT	PETROIRAN			APP.	M.MEHRSHAD	M.MEHRSHAD			
REV.					NT.				AUT.	**	**			
BUDGET REF.	APPROVED	z		DATE			840K		ميباشد.	REV.		* *		
EF. LOCATION SIZE	O CONSTRUCTION PERMI		SCALE		BINAL		THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF	اصل و كليه نسخ اين نقشه و حق اقتباس متعلق به شركت ملى مناطق نفت خيز جنوب ميباشد.			*****			
E CLASS		PERMITTED		DRAWING BY	GENERAL	BINAK OILFIELD DEVELOPMENT	N.I.S.0	ND ALL COPIE	لمتی به شرکت ملچ	СН	ВҮ	* * *		
SERIAL NO.	NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED OVED FOR CONSTRUCTION BY: DATE:		BY CHECKED	AL .)EVELOPMEN	N.I.S.O.C./ FIELDS	S OF THIS D	حق اقتباس مت	CHECKED	DATE	****			
). SHEET		WING APPR		B≺		_		RAWING TOGE LE PROPERT	نسخ أين نقشه و	RE	BΥ	* * *		
ET REVISION			PROJECT ENG.				THER WITH Y OF	اصل و کلیه	REV. APPR.	DATE	* * * * * *			

01 01 053-073-9184

1-ALL DIMENSIONS ARE IN MILLIMETERS AND ELEVATIONS ARE IN METER.

2-ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.

3-ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS:
"BK-GNRL-PEDCO-000-ST-SP-0001",28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF MAIN CONCRETE IS 30 MPa(ON CYLINDRICAL SPECIMEN)

4-ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS:
"BK-GNRL-PEDCO-000-ST-SP-0001",28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF LEAN CONCRETE IS 10 MPa(ON CYLINDRICAL SPECIMEN)

5-JOINT SEALANT MATERIALS SHALL BE WETHER-RESISTANT POLYURETHANE OR SILICONE SCH AS "AEROLASTIC 1674" OR SIMILAR AND SHALL CONFORM TO BS-4254 FOR VERTICAL JOINTS IN WALLS.

6-THE SPECIFICATION OF THE CONCRETE SLAB SHALL BE DETERMINED BASED ON THE DETAILS GIVEN IN THE FOLLOWING DOCUMENT:

BK-GNRAL-PEDCO-000-PL-DW-0013