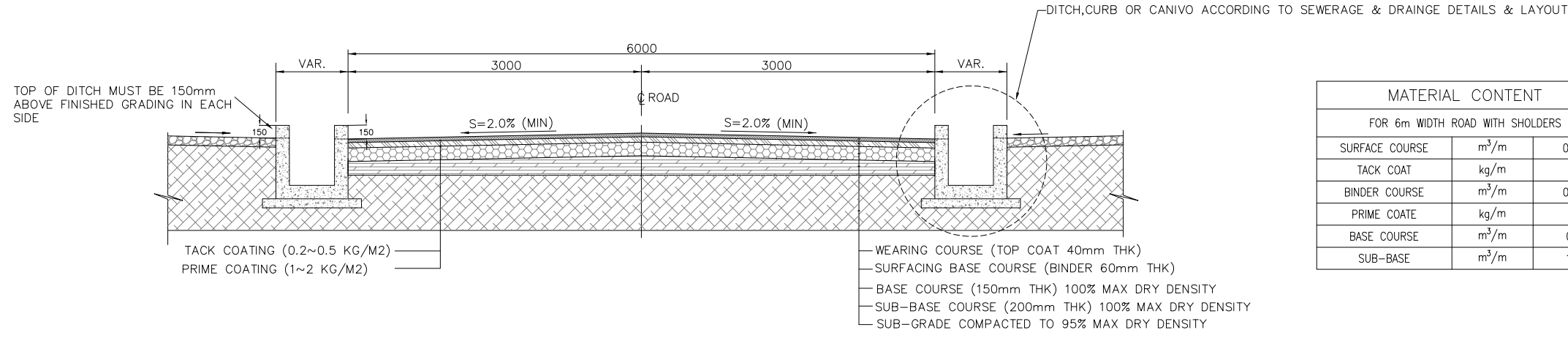


1 ROADS (6m WIDTH)
(TWO SIDE SLOPE)
N.T.S.

MATERIAL CONTENT		
FOR 6m WIDTH ROAD WITH SHOULDERS		
SURFACE COURSE	m ³ /m	0.24
TACK COAT	kg/m	3
BINDER COURSE	m ³ /m	0.48
PRIME COATE	kg/m	16
BASE COURSE	m ³ /m	1.20
SUB-BASE	m ³ /m	1.60

NOTES
 1-ALL DIMENSIONS ON THE SHEET ARE IN mm UNLESS OTHERWISE NOTED.
 2-FOR RIG ROADS WITH BELOW 10% SLOPE, BLACK BASE ASPHALT COARSE AND FOR MORE THAN 10% SLOPE, TOPEKA AND BINDER SHOULD BE USED FOR ASPHALT COARSE.
 3-THE PRIME COAT SHALL CONSIST OF A SPRAYED-ON LOW VISCOSITY, MEDIUM CURING CUTBACK BITUMEN MC-250.
 4-TACK COAT SHALL BE DILUTE BITUMEN EMULSION TYPE CSS 1h CATIONIC (AS PER AASHTO M-208) OR SS 1h ANIONIC (AS PER AASHTO M-140).

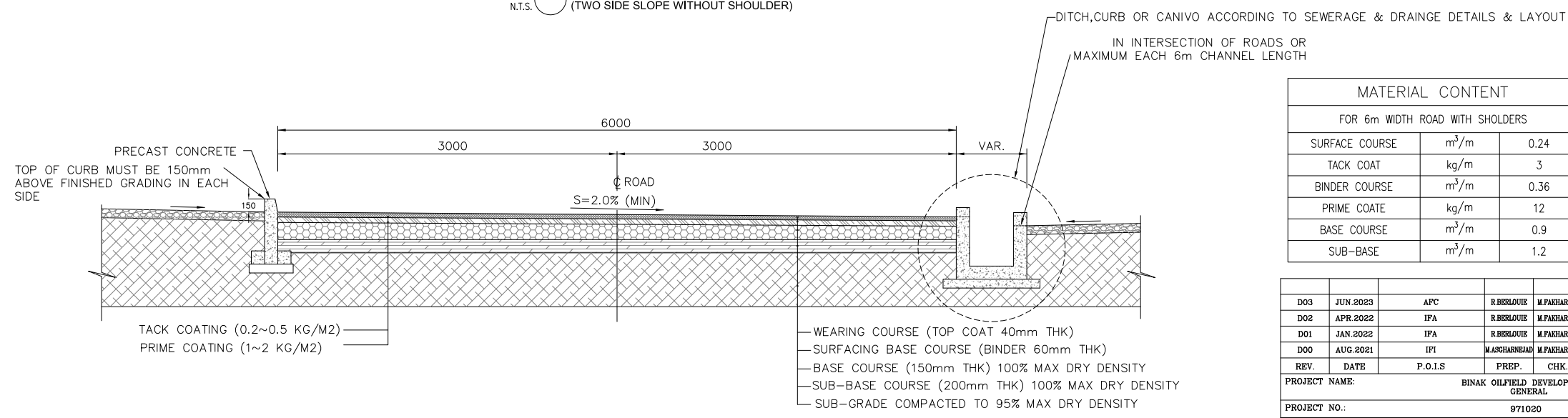
LEGEND	
	SLOPE DIRECTION
	WEARING COURSE
	SURFACING BASE COURSE
	BASE COURSE
	SUB-BASE COURSE
	SUB-GRADE COMPACTED
	CONCRETE
	GRAVEL OR NATURAL SOIL



2 ROADS (6m WIDTH)
(TWO SIDE SLOPE WITHOUT SHOULDER)
N.T.S.

MATERIAL CONTENT		
FOR 6m WIDTH ROAD WITH SHOULDERS		
SURFACE COURSE	m ³ /m	0.24
TACK COAT	kg/m	3
BINDER COURSE	m ³ /m	0.36
PRIME COATE	kg/m	12
BASE COURSE	m ³ /m	0.9
SUB-BASE	m ³ /m	1.2

REFERENCE DRAWING	DRG. No.
TYPICAL DRAWING FOR SEWERAGE & DRAINAGE DETAILS	BK-GNRL-PEDCO-000-CV-DW-0007
SPECIFICATION FOR ROAD & PAVING	BK-GNRL-PEDCO-000-CV-SF-0002



3 ROADS (6m WIDTH)
(ONE SIDE SLOPE WITHOUT SHOULDER)
N.T.S.

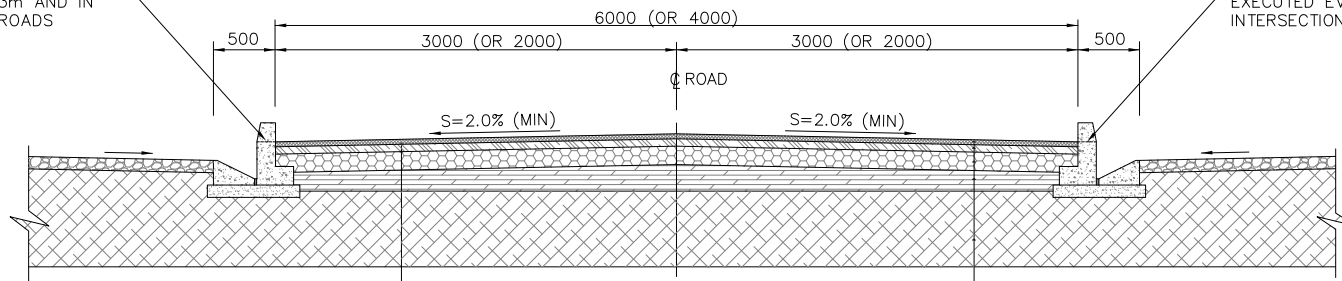
MATERIAL CONTENT		
FOR 6m WIDTH ROAD WITH SHOULDERS		
SURFACE COURSE	m ³ /m	0.24
TACK COAT	kg/m	3
BINDER COURSE	m ³ /m	0.36
PRIME COATE	kg/m	12
BASE COURSE	m ³ /m	0.9
SUB-BASE	m ³ /m	1.2

REV.	DESCRIPTION	BY	DATE	BY	DATE	
DO3	JUN.2023	APC	R.BERLOUIE	M.PAKHARHIAN	A.M.MOHSSENI	** **
DO2	APR.2022	IFA	R.BERLOUIE	M.PAKHARHIAN	M.MEHRSHAD	** **
DO1	JAN.2022	IFA	R.BERLOUIE	M.PAKHARHIAN	M.MEHRSHAD	** **
DO0	AUG.2021	IFI	M.ASHARREZIAN	M.PAKHARHIAN	SH.GHALJAKAR	** **

PROJECT NAME: BINAK OILFIELD DEVELOPMENT GENERAL
 PROJECT NO.: 971020
 EPC CONTRACTOR: HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES
 EPD/EPC CONTRACTOR (GC): PETROIRAN DEVELOPMENT COMPANY
 DRAWING TITLE: STANDARD DRAWING FOR ROADS
 NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED
 APPROVED FOR CONSTRUCTION BY: DATE: _____

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.	BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
N.T.S.	A1	BK-GNRL-PEDCO-000-CV-DW-0003	1 OF 2	D03	053-073-9184	F	4	S	707249	1	D03

OPENING ON DITCHES SHOULD BE EXECUTED EVERY 3m AND IN INTERSECTION OF ROADS



OPENING ON DITCHES SHOULD BE EXECUTED EVERY 3m AND IN INTERSECTION OF ROADS

- WEARING COURSE (TOP COAT 40mm THK)
- SURFACING BASE COURSE (BINDER 60mm THK)
- BASE COURSE (150mm THK) 100% MAX DRY DENSITY
- SUB-BASE COURSE (200mm THK) 100% MAX DRY DENSITY
- SUB-GRADE COMPACTED TO 95% MAX DRY DENSITY

4 ROADS (6m-4m WIDTH)
N.T.S. (TWO SIDE SLOPE WITHOUT SHOULDER)

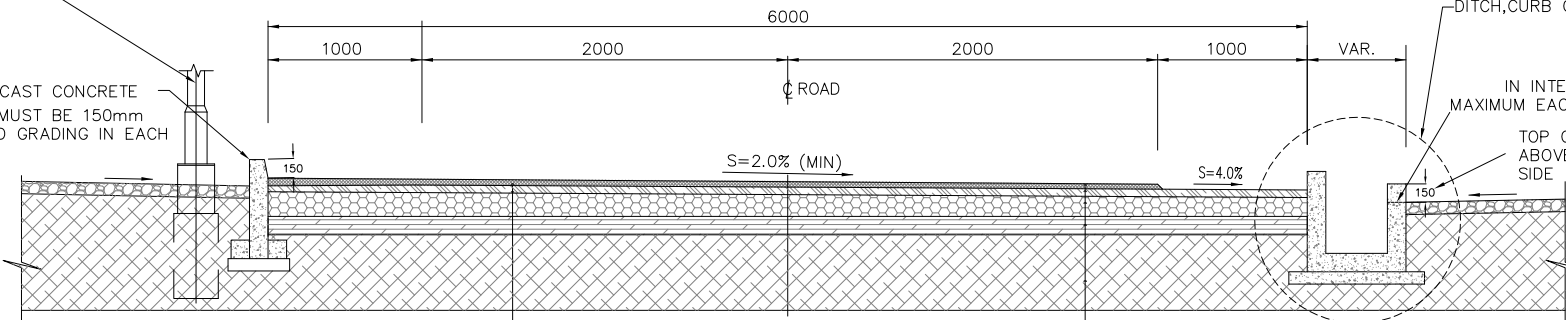
MATERIAL CONTENT			
FOR 6m WIDTH ROAD WITH SHOULDERS			
		6m WIDTH	4m WIDTH
SURFACE COURSE	m ³ /m	0.24	0.16
TACK COAT	kg/m	3	2
BINDER COURSE	m ³ /m	0.36	0.24
PRIME COATE	kg/m	12	8
BASE COURSE	m ³ /m	0.9	0.6
SUB-BASE	m ³ /m	1.2	0.8

- NOTES**
- ALL DIMENSIONS ON THE SHEET ARE IN mm UNLESS OTHERWISE NOTED.
 - FOR RIG ROADS WITH BELOW 10% SLOPE, BLACK BASE ASPHALT COARSE AND FOR MORE THAN 10% SLOPE, TOPEKA AND BINDER SHOULD BE USED FOR ASPHALT COARSE.
 - THE PRIME COAT SHALL CONSIST OF A SPRAYED-ON LOW VISCOSITY, MEDIUM CURING CUTBACK BITUMEN MC-250.
 - TACK COAT SHALL BE DILUTE BITUMEN EMULSION TYPE CSS 1h CATIONIC (AS PER AASHTO M-208) OR SS 1h ANIONIC (AS PER AASHTO M-140).

- LEGEND**
- ← SLOPE DIRECTION
 - WEARING COURSE
 - SURFACING BASE COURSE
 - BASE COURSE
 - SUB-BASE COURSE
 - SUB-GRADE COMPACTED
 - CONCRETE
 - GRAVEL OR NATURAL SOIL

LIGHTING POLE OR TRAFFIC SIGN

PRECAST CONCRETE
TOP OF CURB MUST BE 150mm ABOVE FINISHED GRADING IN EACH SIDE



DITCH, CURB OR CANIVO ACCORDING TO SEWERAGE & DRAINAGE DETAILS

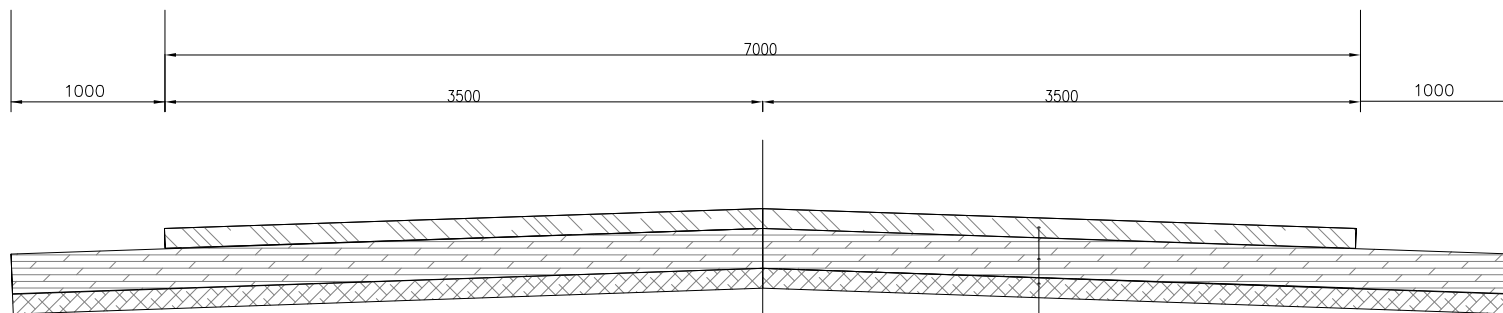
IN INTERSECTION OF ROADS OR MAXIMUM EACH 6m CHANNEL LENGTH
TOP OF DITCH MUST BE 150mm ABOVE FINISHED GRADING IN EACH SIDE

- WEARING COURSE (TOP COAT 40mm THK)
- SURFACING BASE COURSE (BINDER 60mm THK)
- BASE COURSE (150mm THK) 100% MAX DRY DENSITY
- SUB-BASE COURSE (200mm THK) 100% MAX DRY DENSITY
- SUB-GRADE COMPACTED TO 95% MAX DRY DENSITY

5 ROADS (4m WIDTH)
N.T.S. (ONE SIDE SLOPE)

MATERIAL CONTENT		
FOR 6m WIDTH ROAD WITH SHOULDERS		
SURFACE COURSE	m ³ /m	0.16
TACK COAT	kg/m	2
BINDER COURSE	m ³ /m	0.36
PRIME COATE	kg/m	12
BASE COURSE	m ³ /m	0.9
SUB-BASE	m ³ /m	1.2

REFERENCE DRAWING	DRG. No.
TYPICAL DRAWING FOR SEWERAGE & DRAINAGE DETAILS	BK-GNRL-PEDCO-000-CV-DW-0007
SPECIFICATION FOR ROAD & PAVING	BK-GNRL-PEDCO-000-CV-SF-0002



- BITUMINOUS BASE COURSE (150mm THK)
- SUB-BASE COURSE (150mm THK) 100% MAX DRY DENSITY
- SUB-GRADE COMPACTED TO 95% MAX DRY DENSITY (THK VAR. ACCORDING TO ROAD ELEVATION)

6 WELL PAD ACCESS ROAD (7m WIDTH)
N.T.S. (TOW SIDE SLOPE)

MATERIAL CONTENT		
FOR 6m WIDTH ROAD WITH SHOULDERS		
BITUMINOUS BASE COURSE	m ³ /m	1.05
SUB-BASE	m ³ /m	1.35

KEY PLAN

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.	DESCRIPTION	BY	DATE	BY	DATE	
D03	JUN 2023	APC	R.BERLOUIE	M.PAKHARJAN	A.M.MOHSENI	** **						
D02	APR 2022	IFA	R.BERLOUIE	M.PAKHARJAN	M.MEHRSHAD	** **						
D01	JAN 2022	IFA	R.BERLOUIE	M.PAKHARJAN	M.MEHRSHAD	** **						
D00	AUG 2021	IFI	M.ASHARJAN	M.PAKHARJAN	SH.GHALJAKR	** **						
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.	DESCRIPTION	CHECKED	REV.	APPR.		
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:							NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED					
STANDARD DRAWING FOR ROADS							APPROVED FOR CONSTRUCTION					
SCALE	SIZE	DRAWING NO.		SHEET NO.	REV.	BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
N.T.S.	A1	BK-GNRL-PEDCO-000-CV-DW-0003		2 OF 2	D03	053-073-9184	F	4	S	707249	2	D03

اسم و کلیه نسخ این نقشه و حق افشایی متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.
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BINAK OILFIELD DEVELOPMENT GENERAL

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.