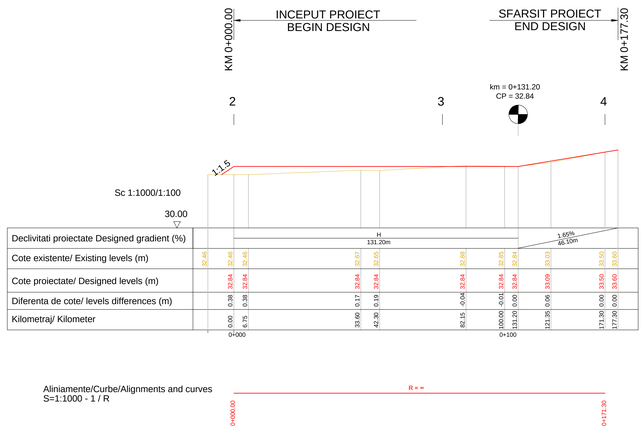
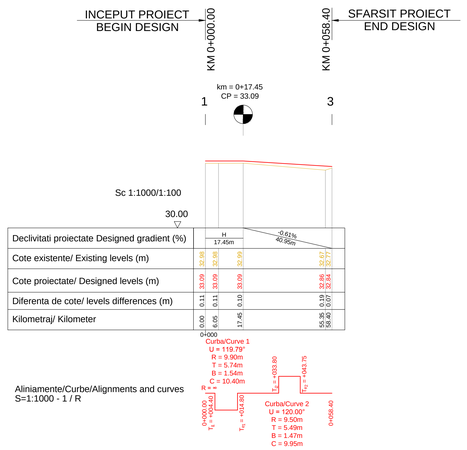
A1P–V

W:\X13-A1PV

PROFILE LONGITUDINALE DRUMURI SI PLATFORMA TEHNOLOGICA / LONGITUDINAL PROFILES ROADS AND TECHNOLOGICAL PLATFORM

SCARA/SCALE 1:1000/100





PLANSA SE SUPUNE PREVEDERILOR PRIVIND CONFIDENTIALITATEA DIN CONTRACTUL DE CONCESIUNE NEPTUN DEEP SI A CONTRACTULUI DE OPERATIUNI COMUNE AFERENT SI/SAU CONTRACTELOR DE CONFIDENTIALITATE APLICABILE IN NUMELE OMV PETROM.

SUBJECT TO CONFIDENTIALITY PROVISIONS OF THE NEPTUN DEEP CONCESSION AGREEMENT AND RELATED JOINT OPERATING AGREEMENT AND/OR THOSE OF THE APPLICABLE NON-DISLOSURE AGREEMENT ON BEHALF OF OMV PETROM.

ACRONIME / ACRONYMS

U = unghi la centru / angle to the center (°)
R = raza / radius (m)
T = tangenta / tangent (m)
B = bisectoarea / bisecting line (m)
C = lungimea curbei de racordare / the length of the connection curve (m)
TI = tangenta de intrare / entry tangent
Te = tangenta de iesire / exit tangent
CP = cota proiectata / designed level
km = kilometru / kilometer
H = palier / bearings

LEGENDA / LEGEND

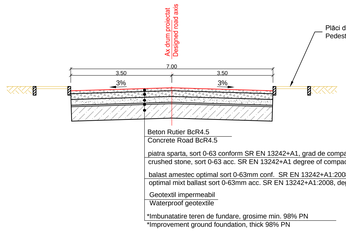
1. Linia rosie / red line
2. Linia terenului existent / Existing land line

* DENUMIRE COMPLETA PROIECT / COMPLETE PROJECT NAME

NEPTUN DEEP - INSTALARE CONDUCTA SI CABLU DE COMUNICATII, SUBTRAVERSARE PLAJA, FALEZA, DRUMURI SI CALE FERATA; REALIZARE TRECERE TEMPORARA LA NIVEL CU CALEA FERATA; CONSTRUIRE SRM, CENTRU DE CONTROL, IMPREJMUIRE, ILUMINAT, PARCARI, SPATII VERZI, PLATFORME SI DRUMURI INTERIOARE; ORGANIZARE DE SANTIER, ASIGURAREA SI RACORDAREA LA UTILITATI. NEPTUN DEEP - PIPELINE AND COMMUNICATION CABLE INSTALLATION, UNDERCROSSING OF BEACH, SEA FRONT, ROADS AND RAILWAY; TEMPORARY ROAD RAILWAY CROSSING; CONSTRUCTION OF NGMS, CONTROL CENTER, FENCING, LIGHTING, PARKING, GREEN SPACE, PLATFORMS, INTERNAL ROADS; SITE WORKS, ORGANIZATION AND UTILITIES CONNECTIONS.

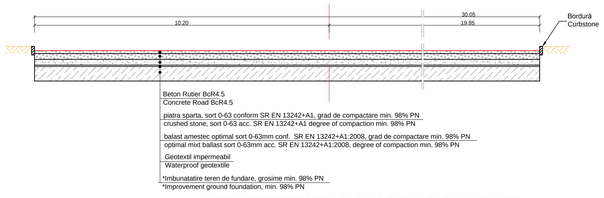
PROFIL TRANSVERSAL TIP DRUMURI / ROADS TYPICAL CROSS SECTION

SCARA/SCALE: 1:75



SECTIUNE TRANSVERSALA A - A PLATFORMA TEHNOLOGICA (ND-D-IO-90-CV-DLAY-0001-0001) / CROSS SECTION A - A TECHNOLOGICAL PLATFORM (ND-D-IO-90-CV-DLAY-0001-0001)

SCARA/SCALE: 1:50



*Nota 1.
Imbunatatirea terenului de fundare prin desensibilizare la umezire si anume, consta in :
- indepartarea prin sapatura pe aprox. 50cm a stratului lossoid;
- realizarea asa - zisei "perna de loss " prin refolosirea materialului excavat cu repunerea in opera in straturi succesive de 15 - 20cm grosime dupa compactare;

*Note 1.
The improvement of the foundation ground by desensitization to wetting, namely, consists in:
- removal by digging on approx. 50cm of the lossoid layer;
- making the so - called "loss pillow" by reusing the material excavated with re-installation in successive layers of 15 - 20 cm thick after compaction;

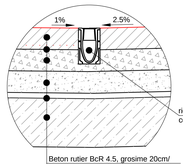
Nota 2:
1. La realizarea lucrarilor se vor respecta cerintele de sanatate si securitate in munca conform normelor in vigoare.
2. Domeniul de verificare conform Legii 10/1995 - A4, B2, D.
3. Categoria de importanță a lucrărilor: categoria de importanță normală "C".

Note 2:
1.Construction work will respect all health and safety requirements according to applicable regulations.
2.Verifier domain is according to Law 10/1995 - A4, B2, D.
3.Category of importance is classified as category of normal importance "C" .

Nota 3:
Linia rosie reprezinta axa proiectată a drumului, reprezentată în profil longitudinal.

Note 3:
The red line represents the designed road axis, represented in longitudinal profile.

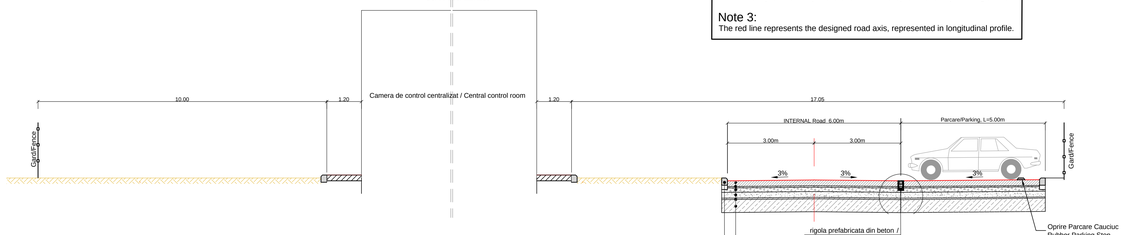
DETALIU/ DETAIL "A"



Beton rutier BcR 4.5, grosime 20cm/
Concrete road BcR 4.5, thickness 20cm
Hartie Kraft/Kraft paper
20 cm - piatra sparta, sort 0-63 conform SR EN 13242+A1, grad de compactare min. 98% PN
20 cm - crushed stone, sort 0-63 acc. SR EN 13242+A1 degree of compaction min. 98% PN
20 cm - balast amestec optimal sort 0-63mm conf. SR EN 13242+A1:2008, grad de compactare min. 98% PN
20 cm - optimal mixt ballast sort 0-63mm acc. SR EN 13242+A1:2008, degree of compaction min. 98% PN
Geotextil impermeabil
Waterproof geotextile
*Imbunatatire teren de fundare, grosime=0.50m, min. 98% PN
*Improvement ground foundation, thick=0.50m, min. 98% PN

SECTIUNE TRANSVERSALA B - B (ND-D-IO-90-CV-DLAY-0001-0001) / CROSS SECTION B - B (ND-D-IO-90-CV-DLAY-0001-0001)

SCARA/SCALE: 1:50



Borduri monolit 20x25cm pe fundatie 35x15cm din beton C16/20, STAS 1139-87 si SR EN 1340:2004/
Monolith kerber 20x25cm on concrete foundation 30x15cm C16/20, STAS 1139-87 si SR EN 1340:2004

DETALIU/
DETAIL "A"

Beton rutier BcR 4.5
Concrete road BcR 4.5
Hartie Kraft/Kraft paper
piatra sparta, sort 0-63 conform SR EN 13242+A1, grad de compactare min. 98% PN
crushed stone, sort 0-63 acc. SR EN 13242+A1 degree of compaction min. 98% PN
balast amestec optimal sort 0-63mm conf. SR EN 13242+A1:2008, grad de compactare min. 98% PN
optimal mixt ballast sort 0-63mm acc. SR EN 13242+A1:2008, degree of compaction min. 98% PN
Geotextil impermeabil
Waterproof geotextile
*Imbunatatire teren de fundare. min. 98% PN
*Improvement ground foundation, min. 98% PN

REV	DATE	REVISION	BY	CHK	ENG	EM	CLIENT
P01	23.03.23	ISSUED BY IO FOR USE	GCH	HY	FH		
A01	23.02.23	ISSUED BY IO FOR REVIEW	GCH	HY	FH		

OMV Petrom
The energy for a better life.

BLACK SEA DEEP ASSETS

PROJECT: NEPTUN DEEP FEED UPDATE

TITLE: PROFILE LONGITUDINALE DRUM SI PLATFORME. SECTIUNI TRANSVERSALE
LONGITUDINAL PROFILES ROAD AND PLATFORMS. CROSS SECTIONS

REGION/ASSET	BLACK SEA DEEP ASSETS	DRG. SIZE	PROJECT No.	SCALE	1:1000/100/75/20
PLANT	NGMS	A1P	000939	CAD REF.	-
PLANT No.	90	DRAWING NUMBER			REV.
SYSTEM No.	-	ND-D-IO-90-CV-DPAV-0001-0001			P01