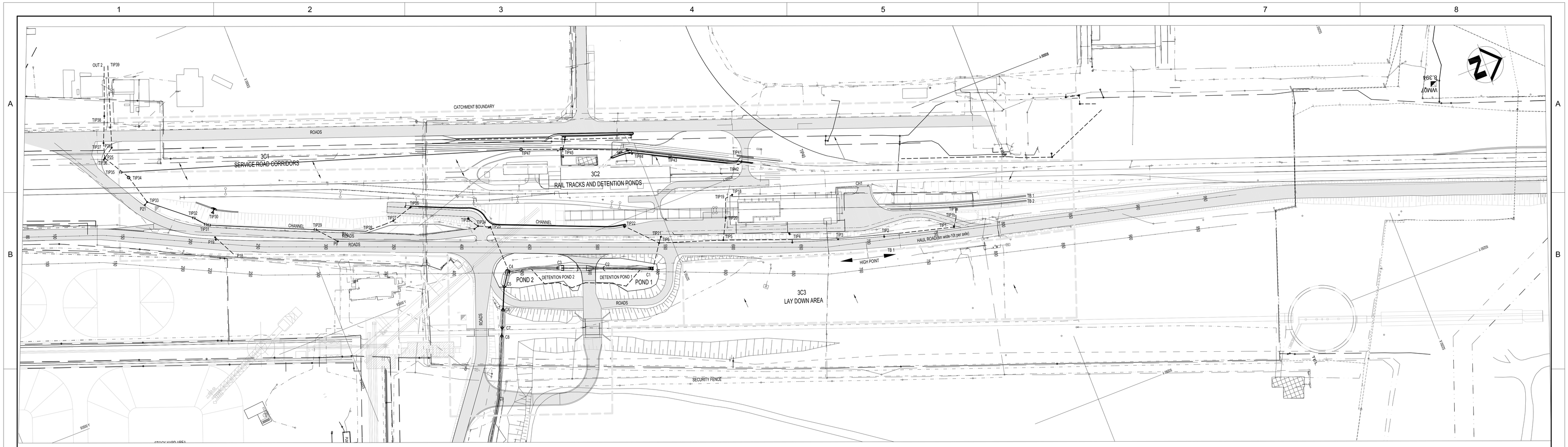
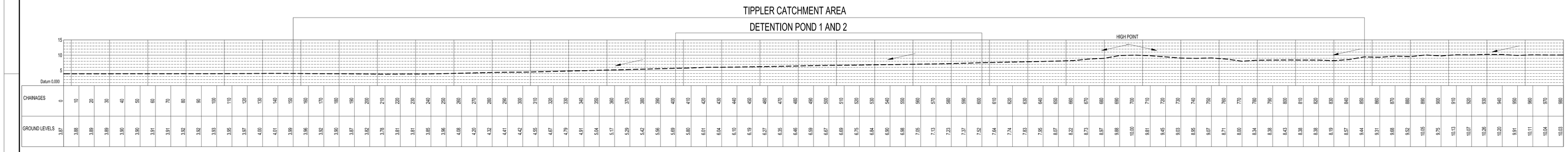


TIPPLER AREA LAYOUT

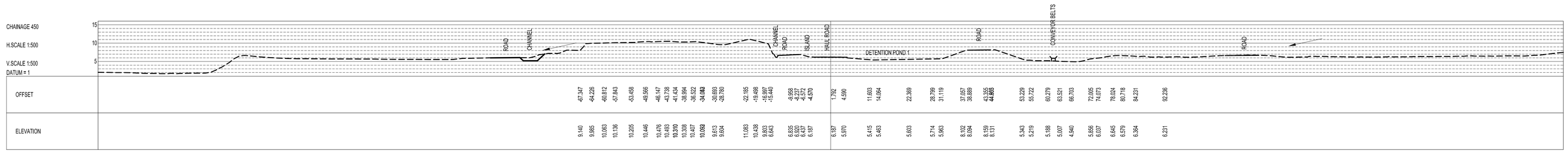
SCALE 1:1000



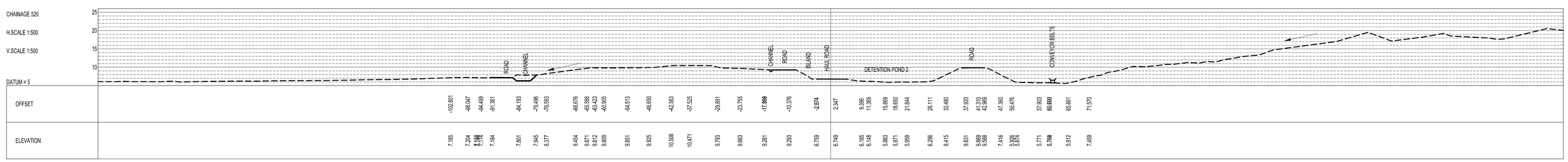
CENTER OF HAUL ROAD LONG SECTION

HORIZONTAL SCALE: 1000

VERTICAL SCALE: 500



CENTER OF HAUL ROAD CROSS SECTION



CENTER OF HAUL ROAD CROSS SECTION

CATCHMENT AREAS

AREAS	DESCRIPTION	AREA m ²	Q m³/s	Q l/s
3C1	SERVICE ROAD AREA	1490,300 m ²	0.0075m³/s	7.5 l/s
3C2	RAIL TRACK AND DETENTIONPONDS	1757,400 m ²	0.0112 m³/s	11.2 l/s
3C3	LAYDOWN AREA	692,600 m ²	0.0044 m³/s	4.4 l/s

DETENTION POND INFORMATION

AREAS	DESCRIPTION	Volume m ³ Existing	Designed Volume m ³
1	DETENTION POND 1	3939	2085.6
2	DETENTION POND 2	3727	2085.6

ABREVIATIONS

AREAS	DESCRIPTION	COMMENTS
C1	CULVERTS	CULVERTS MUST BE CLEANED OF DEBRI AND SILT
CH	CHANNELS	CHANNELS TO BE CLEANED OF DEBRI AND SILT
TIP	MANHOLES	MANHOLE AND PIPES TO BE CLEANED OF DEBRI AND SILT
TB	TABLE DRAINS	REHABILITATE DETENTION PONDS 1 AND 2

NOTES:

1. THE STORMWATER DRAINAGE SYSTEM SHOULD BE MAINTAINED AND CLEANED REGULARLY TO PREVENT SILT AND DEBRI BUILD UP.
2. THE CATCHMENTS AREAS CONTRIBUTING TO CHANNELS, MANHOLES, PONDS MUST BE GRADED TO DRAIN, THIS WILL PREVENT UNNECESSARY PONDING IN AREAS WHERE OPERATIONS AND MOVEMENT WILL BE PROHIBITED.
3. MATERIAL USED FOR FILLING DEPRESSED AREAS SHOULD BE A WEARING COURSE TYPE MATERIAL COMPACTED TO 98% MOD AASHTO IN LAYERS OF 2 LAYER 150mm.
4. WHERE DEPRESSION ARE DEEPER THAN 300mm THEN G5 MATERIAL MUST BE PLACE AND COMPACTED TO 98% MOD AASHTO IN LAYERS OF 150Mmm.

LEGEND:

CATCHMENT BOUNDARY

STORM WATER PIPES

STORM WATER CHANNELS

WATER

COMMS

ELECTR

ROADS

SEWER

DRAWING NO.	REFERENCE
-	-

REFERENCE DRAWINGS

NOTES

1. DO NOT SCALE DRAWING - ONLY DIMENSIONS SHOWN TO BE USED.

2. THE CONTRACTOR SHALL VERIFY ALL CONDITIONS, DIMENSIONS AND LEVELS ON THE SITE AND NOTIFY THE NEC SUPERVISOR OF ANY VARIATIONS BEFORE CONSTRUCTION.

REVISIONS

NO.	DESCRIPTION	BY	CHKD	APPD	DATE
OA	ISSUED FOR TENDER	CN			12-12-2017

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CONTRACTOR / CONSULTANT			
TITLE	NAME	SIGN	DATE
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OPERATING DIVISIONS			
TITLE	NAME	SIGN	DATE
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TRANSNET CAPITAL PROJECTS			
TITLE	NAME	SIGN	DATE
DRAWN	CN		12 12 2017
CHECKED	CN		12 12 2017
DESIGNED	CN		12 12 2017
CHECKED	CN		12 12 2017
.	.		. . .
.	.		. . .
.	.		. . .
Pr. Eng. / Pr.Tech. Eng.			
NAME	M. MALAPANE		DATE
SIGNATURE			12 11 2017
REG. NUMBER	20150383		
SCALE :	AS SHOWN		

Transnet Capital Projects
TRANSNET LTD (TRADING AS TRANSNET CAPITAL PROJECTS) - REG. NO. 1990/000900/30
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TRANSNET

SALDANHA STORMWATER MANAGEMENT

TIPPLER AREA

PLAN, LONG SECTION AND CROSS SECTIONS 450m TO 520m

LAYOUT

PROJECT NUMBER	CO	FBS	DS	TYPE	DRAWING NO.	SHEET	REV	ID
OA 1 2 6 5 5 1	- 2 -	0 0 1	- C -	L A	- 0 0 0 1 -	0 2 -	O A	CN