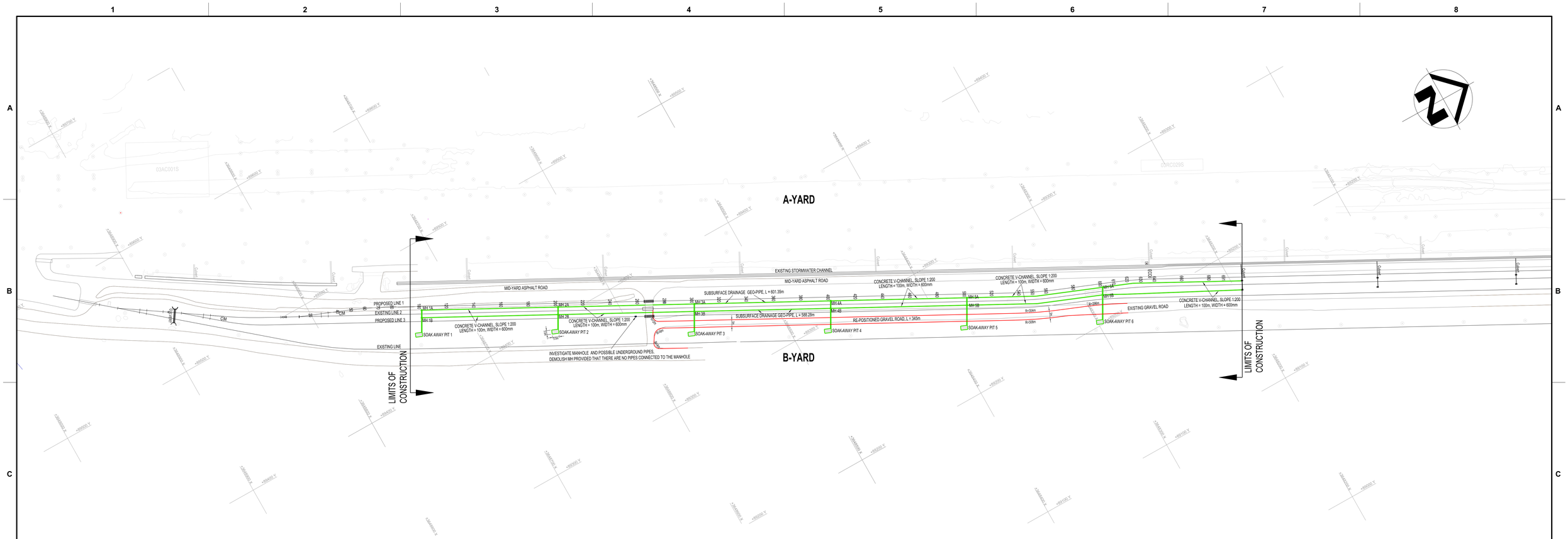


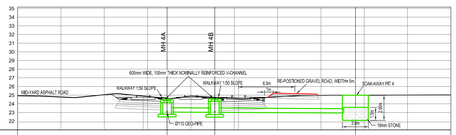
SALKOR B-YARD : STORMWATER DRAINAGE AND GRAVEL ROAD LAYOUT

SCALE 1:1000

CHAINAGE 400

H. SCALE 1:250

V. SCALE 1:250



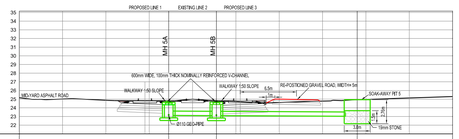
DATUM = 21

GROUND (m)	0.000	5.500	21.745
MH COVER LEVEL (m) PIPE INVERT LEVEL (m)	24.443 23.941	24.375 23.874	24.987 22.783
MH DEPTH (m) MH INVERT (m)	1.950 22.932	1.900 22.900	2.900 22.191
PIPE SLOPE	1:200	1:200	
PIPE SIZE AND LENGTH	Ø500 100D CONCRETE PIPE, L = 19.895m		

CHAINAGE 500

H. SCALE 1:250

V. SCALE 1:250



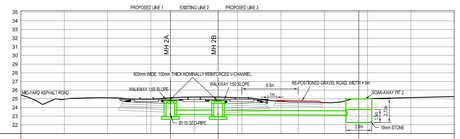
DATUM = 21

GROUND (m)	0.000	5.500	21.745
MH COVER LEVEL (m) PIPE INVERT LEVEL (m)	24.657 23.121	24.653 23.059	24.940 22.027
MH DEPTH (m) MH INVERT (m)	1.625 22.841	1.960 22.919	2.770 22.172
PIPE SLOPE	1:200	1:200	
PIPE SIZE AND LENGTH	Ø500 100D CONCRETE PIPE, L = 19.895m		

CHAINAGE 600

H. SCALE 1:250

V. SCALE 1:250



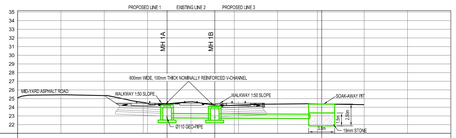
DATUM = 21

GROUND (m)	0.000	5.500	21.745
MH COVER LEVEL (m) PIPE INVERT LEVEL (m)	24.792 23.268	24.792 23.242	24.895 23.107
MH DEPTH (m) MH INVERT (m)	1.850 22.939	1.870 22.919	2.720 22.209
PIPE SLOPE	1:200	1:200	
PIPE SIZE AND LENGTH	Ø500 100D CONCRETE PIPE, L = 19.895m		

CHAINAGE 100

H. SCALE 1:250

V. SCALE 1:250



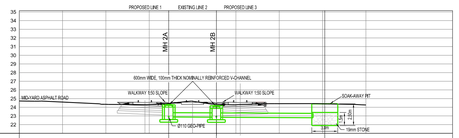
DATUM = 21

GROUND (m)	0.000	5.500	17.888
MH COVER LEVEL (m) PIPE INVERT LEVEL (m)	24.260 23.770	24.135 23.148	24.386 23.084
MH DEPTH (m) MH INVERT (m)	1.740 22.477	1.940 22.458	2.500 21.938
PIPE SLOPE	1:200	1:200	
PIPE SIZE AND LENGTH	Ø500 100D CONCRETE PIPE, L = 15.988m		

CHAINAGE 200

H. SCALE 1:250

V. SCALE 1:250



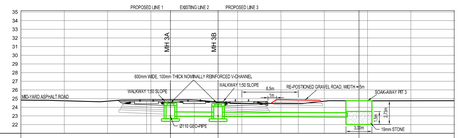
DATUM = 21

GROUND (m)	0.000	5.500	18.000
MH COVER LEVEL (m) PIPE INVERT LEVEL (m)	24.307 22.873	24.178 22.802	24.387 21.797
MH DEPTH (m) MH INVERT (m)	1.720 22.581	1.820 22.360	2.500 21.897
PIPE SLOPE	1:200	1:200	
PIPE SIZE AND LENGTH	Ø500 100D CONCRETE PIPE, L = 19.745m		

CHAINAGE 300

H. SCALE 1:250

V. SCALE 1:250



DATUM = 21

GROUND (m)	0.000	5.500	21.757
MH COVER LEVEL (m) PIPE INVERT LEVEL (m)	24.506 22.863	24.535 22.806	24.746 22.820
MH DEPTH (m) MH INVERT (m)	1.820 22.681	1.775 22.660	2.720 22.012
PIPE SLOPE	1:200	1:200	
PIPE SIZE AND LENGTH	Ø500 100D CONCRETE PIPE, L = 19.907m		

STORMWATER DRAINAGE AND GRAVEL ROAD CROSS-SECTIONS : CH 100 TO CH 600

SCALE 1:250

DETAIL A : GRAVEL ROAD LAYERWORKS

SCALE 1:100

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
00	ISSUED FOR CONSTRUCTION	TS	CN	DR	03/11/2023

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CONTRACTOR / CONSULTANT			
TITLE	NAME	SIGN	

OPERATING DIVISIONS			
TITLE	NAME	SIGN	DATE

TRANSNET FREIGHT RAIL RAIL NETWORK & CAPITAL PROJECTS				
TITLE	NAME	SIGN	DATE	
DRAWN	TS		03	11 23
CHECKED	CN		03	11 23
DESIGNED	TS		03	11 23
CHECKED	CN		03	11 23
PR.ENG. / PR.TECH./PR. ARCH				
NAME	DYKE RAMOKOTJO		DATE	
SIGNATURE			03	11 23
REG. NUMBER	200570040			
SCALE :	1:1000			A0

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PARKTOWN:
15 GINTON ROAD
JOHANNESBURG, 2001
PRIVATE BAG X 47
PARKTOWN, JOHANNESBURG
SOUTH AFRICA, 2000
T +27 86 0500 730
www.transnetfreightrail@fr.net

SALKOR YARD

SALKOR YARD MANGANESE EXPANSION

STORMWATER DRAINAGE AND GRAVEL ROAD LAYOUT

CH 100 TO CH 600

PROJECT NUMBER	OD	FBS	DIS	TYPE	DRAWING NO.	SHEET	REV	ID
Ore-SP-RN-07-23-019	4	1 1 3	C	L A	0 0 0 2	0 1	0 0	TD