COORDINATES				COORDINATES			
POINT	Y	X	LEVEL(m)	POINT	Y	X	LEVEL(m)
FLR1123	-104279.666	3185616.992		FLR1147	-104205.982	3185562.868	4.989
FLR1126	-104229.974	3185584.968	4.919	FLR1148	-104205.384	3185573.298	4.946
FLR1127	-104225.824	3185584.967	5.003	FLR1149	-104197.784	3185573.267	5.000
FLR1128	-104225.825	3185581.227	5.018	FLR1150	-104199.316	3185547.810	4.780
FLR1129	-104225.175	3185580.577	5.033	FLR1151	-104203.320	3185529.353	
FLR1130	-104224.525	3185581.227	5.044	FLR1152	-104211.145	3185512.164	
FLR1131	-104225.175	3185581.227	5.031	FLR1153	-104217.195	3185500.229	
FLR1132	-104224.524	3185584.967	5.029	FLR1154	-104219.591	3185493.707	
FLR1133	-104220.383	3185584.966	5.113	FLR1155	-104220.405	3185486.806	
FLR1134	-104225.176	3185577.641	5.044	FLR1156	-104229.999	3185486.808	
FLR1135	-104220.385	3185577.640	5.141	FLR1157	-104229.993	3185507.575	4.931
FLR1136	-104225.181	3185557.641	5.040	FLR1158	-104243.072	3185539.180	
FLR1137	-104220.389	3185557.639	5.137	FLR1159	-104274.666	3185552.286	
FLR1138	-104225.186	3185537.641	5.035	FLR1160	-104274.661	3185560.286	
FLR1139	-104220.394	3185537.639	5.132	FLR1161	-104254.689	3185560.274	
FLR1140	-104220.396	3185527.147	5.130	FLR1162	-104237.216	3185567.501	
FLR1141	-104219.949	3185526.494	5.139	FLR1163	-104254.674	3185584.974	
FLR1142	-104219.179	3185526.675		FLR1164	-104274.693	3185507.586	
FLR1143	-104219.696	3185527.147		FLR1165	-104250.440	3185555.199	
FLR1144	-104213.353	3185534.817		FLR1166	-104301.583	3185573.585	
FLR1145	-104209.603	3185544.101	4.820	FLR1167	-104287.428	3185557.262	
FLR1146	-104207.708	3185552.565	4.973				

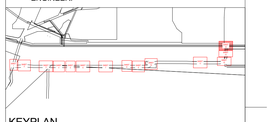


REFERENCE DRAWINGS :

1006614-DRG-08-NW-CC-U009	NEWARK SETTING OUT LAYOUT SHEET 9 OF 9
1006614-DRG-09-NW-CC-L011	NEWARK ROAD LONGSECTION PLAN CH4000 - CH4237.527 SHEET 11 OF 11
1006614-DRG-12-NW-CC-U009	NEWARK ROAD PAVEMENT LAYOUT PLAN SHEET 9 OF 18
1006614-DRG-12-NW-CC-U018	NEWARK ROAD PAVEMENT LAYOUT PLAN SHEET 18 OF 18
1006614-DRG-13-NW-CC-U009	NEWARK ROAD SIGNAGE LAYOUT PLAN SHEET 9 OF 9
1006614-DRG-00-NW-CC-D001	RAIL CROSSING DETAIL
1006614-DRG-02-NW-CC-D001	TYPICAL FENCING & GATE DETAILS 1
1006614-DRG-05-NW-CC-D001	BUS BAY & SHELTER DETAILS
1006614-DRG-08-NW-CC-D001	TYPICAL ROAD SECTIONS 1
1006614-DRG-08-NW-CC-D002	TYPICAL ROAD SECTIONS 2
1006614-DRG-08-NW-CC-D003	KERBING DETAILS 1
1006614-DRG-08-NW-CC-D004	KERBING DETAILS 2
1006614-DRG-08-NW-CC-D005	SIDEWALK DETAILS
1006614-DRG-08-NW-CC-D006	GUARDRAIL DETAILS: ARMCO
1006614-DRG-08-NW-CC-D007	BALUSTRADE DETAILS
1006614-DRG-12-NW-CC-D001	PAVEMENT LAYERWORKS DETAILS
1006614-DRG-12-NW-CC-D002	PAVEMENT JOINT DETAILS
1006614-DRG-13-NW-CC-D001	ROAD MARKINGS SPECIFICATIONS
1006614-DRG-13-NW-CC-D002	ROAD SIGNAGE SPECIFICATIONS
1006614-DRG-14-NW-CC-D001	ROAD DRAINAGE : KERB INLET DETAILS
1006614-DRG-14-NW-CC-D002	ROAD DRAINAGE: GRID INLET DETAILS
1006614-DRG-14-NW-CC-D003	ROAD DRAINAGE: JUNCTION BOX DETAILS 1
1006614-DRG-14-NW-CC-D004	ROAD DRAINAGE: JUNCTION BOX DETAILS 2
1006614-DRG-14-NW-CC-D005	ROAD DRAINAGE: PIPE TRENCHING DETAILS
1006614-DRG-14-NW-CC-D006	ROAD DRAINAGE: CHANNEL DETAILS
1006614-DRG-14-NW-CC-D007	ROAD DRAINAGE: PIPE CULVERT INLET / OUTLET DETAILS
1006614-DRG-14-NW-CC-D008	ROAD DRAINAGE: SILT TRAP DETAILS - TYPE 1
1006614-DRG-14-NW-CC-D009	ROAD DRAINAGE: SILT TRAP DETAILS - TYPE 2
1006614-DRG-14-NW-CC-D010	ROAD DRAINAGE: DRAINAGE CHUTE DETAILS
1006614-DRG-14-NW-CC-D011	ROAD DRAINAGE: SUBSOIL DRAINAGE DETAILS

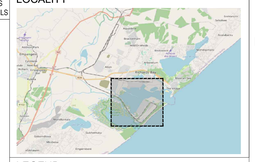
NOTES

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.
3. ALL LEVELS ARE IN METERS TO MEAN SEA LEVEL.
4. DRAWINGS MUST BE READ IN CONJUNCTION WITH PROJECT SPECIFICATIONS AND GENERAL NOTES DRAWINGS.
5. IF APPLICABLE, DRAWINGS SHALL BE READ IN CONJUNCTION WITH ARCHITECT'S DRAWINGS AND ANY DISCREPANCIES TO BE REPORTED TO THE ENGINEER.



KEYPLAN

LOCALITY



LEGEND

SYMBOL	DESCRIPTION
	PROPOSED ROAD
	EXISTING ROAD
	PROPOSED SIDEWALK/MEDIAN
	PROPOSED GUARD RAIL
	PROPOSED HAND RAIL
	EXISTING FENCE
	PROPOSED RELOCATED FENCE
	EXISTING ROADWAY
	PROPOSED VERTICAL RETAINING WALL
X%	ROAD SLOPE
FLRXXX	FINAL LEVEL ROAD SETTING OUT POINT
	PROPOSED TRAFFIC SLEEVE (2x110mm Ø)
	PROPOSED SLEEVE (3x160mm Ø)
	PROPOSED WATER SLEEVE (1x450mm Ø)
TRAFFXXX	TRAFFIC SLEEVE SETTING OUT POINT
FSLXXX	SLEEVE SETTING OUT POINT
WATERXXX	WATER SLEEVE SETTING OUT POINT

NO.	DESCRIPTION	BY	CHKD	APPD	DATE
E2	FOR TENDER	RR	HVDM	HVDM	18 07 25
E1	FOR TENDER	RR	HVDM	HVDM	26 06 25

REVISIONS

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ZUTARI
IMPACT. ENGINEERED.

CONTRACTOR / CONSULTANT			
TITLE	NAME	SIGN	DATE
DRAWN	W. BOTES		18 07 25
CHECKED	H. VAN DER MERWE		18 07 25
DESIGNED	R. RANGE		18 07 25
CHECKED	H. VAN DER MERWE		18 07 25

PR.ENG. / PR.TECH./PR. ARCH

NAME	H. VAN DER MERWE	DATE
SIGNATURE		18 07 25
REG. NUMBER	201270181	
TITLE	Pr. Tech/ENG	

TRANSNET NATIONAL PORTS AUTHORITY			
TITLE	NAME	SIGN	DATE
DRAWN			
CHECKED			
DESIGNED			
CHECKED			

PR.ENG. / PR.TECH./PR. ARCH

NAME	DATE
SIGNATURE	
REG. NUMBER	
SCALE	1:200

TRANSNET

Transnet National Ports Authority

TRANSNET SOC Ltd : REG No. 1990/000900/30
NEWARK ROAD
RICHARDS BAY TEL: 035 788 0067
PO BOX 181, RICHARDS BAY 3900, SOUTH AFIRCA

PROJECT / AREA / ASSET / SUBJECT/DRAWING TITLE

PORT OF RICHARDS BAY

PORT ROADS REHABILITATION & UPGRADE (REPAIRS TO PORT ROADS)
SETTING OUT PLAN: NEWARK / OLD NEWARK INTERSECTION SHEET 14 OF 14

PAPER SIZE	TRANSNET DRW. NO.	REV.
A0	TBC	E2
	PROJECT DRG. NO.	REV.
	1006614-DRG-09-NW-CC-I014	T2