COORDINATES

POINT	Y	X	LEVEL(m)
FLR1059	-104229.745	3185701.871	5.059
FLR1060	-104225.145	3185701.837	4.965
FLR1061	-104220.542	3185701.803	4.872
FLR1062	-104232.470	3185685.650	4.952
FLR1063	-104240.341	3185671.208	5.065
FLR1064	-104220.263	3185692.882	4.777
FLR1065	-104211.130	3185672.752	4.492
FLR1066	-104191.062	3185663.485	4.887
FLR1067	-104190.033	3185651.392	5.144
FLR1068	-104199.435	3185647.697	5.128
FLR1069	-104200.454	3185637.647	5.099
FLR1070	-104198.334	3185631.544	
FLR1071	-104197.629	3185625.122	
FLR1072	-104205.229	3185625.144	
FLR1073	-104206.269	3185631.766	
FLR1074	-104209.324	3185637.733	5.116
FLR1075	-104213.803	3185639.606	5.108
FLR1076	-104217.549	3185636.518	5.123
FLR1077	-104219.663	3185628.383	4.962
FLR1078	-104220.375	3185620.009	4.980
FLR1079	-104224.515	3185620.010	4.896
FLR1080	-104225.816	3185616.979	4.882
FLR1081	-104229.966	3185616.980	4.797
FLR1082	-104232.645	3185633.091	4.682
FLR1083	-104240.403	3185647.463	4.700
FLR1084	-104241.942	3185649.772	4.649
FLR1085	-104243.134	3185652.278	4.876
FLR1086	-104242.143	3185668.456	4.889
FLR1087	-104243.452	3185668.437	5.059
FLR1088	-104244.436	3185664.104	4.500
FLR1089	-104246.012	3185663.596	4.500
FLR1090	-104245.315	3185653.480	4.500
FLR1091	-104246.519	3185651.854	4.500
FLR1092	-104201.217	3185659.590	4.800
FLR1093	-104200.781	3185658.928	4.826

COORDINATES

POINT	Y	X	LEVEL(m)
FLR1094	-104201.308	3185658.337	4.830
FLR1095	-104201.429	3185658.975	4.811
FLR1096	-104204.678	3185657.532	4.781
FLR1097	-104204.814	3185657.560	4.778
FLR1098	-104204.868	3185657.696	4.773
FLR1099	-104204.719	3185657.676	4.777
FLR1100	-104204.817	3185658.607	4.751
FLR1101	-104204.074	3185659.934	4.735
FLR1102	-104202.561	3185660.089	4.760
FLR1103	-104203.168	3185658.555	4.786
FLR1104	-104225.812	3185631.685	4.826
FLR1105	-104225.945	3185633.338	4.817
FLR1106	-104226.339	3185634.948	4.803
FLR1107	-104227.052	3185636.940	4.781
FLR1108	-104227.856	3185638.857	4.760
FLR1109	-104227.839	3185639.047	4.760
FLR1110	-104227.700	3185639.106	4.762
FLR1111	-104227.719	3185638.957	4.762
FLR1112	-104226.530	3185638.992	4.785
FLR1113	-104225.355	3185638.947	4.807
FLR1114	-104224.022	3185638.247	4.836
FLR1115	-104223.812	3185636.757	4.846
FLR1116	-104225.371	3185637.297	4.813
FLR1117	-104223.980	3185636.262	4.845
FLR1118	-104224.378	3185634.647	4.843
FLR1119	-104224.512	3185632.990	4.847
FLR1120	-104225.155	3185659.296	4.734
FLR1121	-104188.640	3185695.092	
FLR1122	-104279.445	3185701.883	
FLR1123	-104279.666	3185616.992	
FLR1124	-104197.705	3185641.837	
FLR1125	-104213.116	3185634.956	

SLEEVES SETTING OUT POINT

POINT	Y	X
FSL133	-104233.916	3185690.470
FSL134	-104216.455	3185690.470
FSL135	-104187.129	3185666.219
FSL136	-104189.872	3185649.887
FSL137	-104196.652	3185636.898
FSL138	-104209.538	3185632.860
FSL139	-104218.544	3185625.342
FSL140	-104233.503	3185625.343

TRAFFIC SIGNAL SLEEVE SETTING OUT POINTS

POINT	Y	X
TRAFF247	-104215.833	3185717.752
TRAFF248	-104231.247	3185719.326

WATER SETTING OUT POINT

POINT	Y	X
WATER279	-104215.659	3185636.761
WATER280	-104215.659	3185680.446

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	201270180	
TITLE	Pr. TechENG	

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
PO BOX 181, RICHARDS BAY 3900, SOUTH AFIRCA
TEL: 035 788 0067

PROJECT / AREA / ASSET / SUBJECT/DRAWING TITLE

PORT OF RICHARDS BAY

PORT ROADS REHABILITATION & UPGRADE (REPAIRS TO PORT ROADS)

SETTING OUT PLAN: NEWARK / ACCESS ROUND ABOUT INTERSECTION
SHEET 13 OF 14

PAPER SIZE	TRANSNET DRW. NO.	REV.
A0	TBC	E2
	PROJECT DRG. NO.	REV.
	1006614-DRG-09-NW-CC-I013	T2

PLAN
SCALE 1:250