COORDINATES

POINT	Y	X	LEVEL(m)
FLR801	-102576.127	3185899.833	5.200
FLR802	-102576.128	3185896.833	5.281
FLR803	-102576.131	3185888.133	5.437
FLR804	-102623.679	3185888.151	5.342
FLR805	-102627.711	3185886.483	5.101
FLR806	-102629.381	3185882.451	4.861
FLR807	-102623.681	3185882.451	5.104
FLR808	-102644.781	3185882.462	4.872
FLR809	-102646.450	3185886.491	5.080
FLR810	-102650.479	3185888.162	5.288
FLR811	-102650.481	3185882.462	5.272
FLR812	-102660.386	3185888.157	5.268
FLR813	-102660.384	3185896.865	5.113
FLR814	-102661.317	3185899.866	5.111
FLR815	-102661.316	3185899.866	5.044
FLR816	-102652.928	3185901.737	5.035
FLR817	-102646.135	3185907.001	5.024
FLR818	-102608.652	3185962.267	4.951
FLR819	-102604.775	3185949.057	4.851
FLR820	-102600.899	3185945.847	4.751
FLR821	-102620.460	3185926.483	4.957
FLR822	-102620.254	3185926.507	4.956
FLR823	-102620.221	3185926.302	4.956
FLR824	-102620.345	3185926.387	4.956
FLR825	-102627.598	3185917.863	5.000
FLR826	-102630.385	3185913.779	5.018

COORDINATES

POINT	Y	X	LEVEL(m)
FLR827	-102632.369	3185909.250	5.040
FLR828	-102632.293	3185909.069	5.041
FLR829	-102632.103	3185909.118	5.041
FLR830	-102632.226	3185909.203	5.040
FLR831	-102626.162	3185917.710	4.988
FLR832	-102616.219	3185921.252	4.960
FLR833	-102613.721	3185922.289	4.950
FLR834	-102611.741	3185920.446	4.956
FLR835	-102609.194	3185913.479	4.996
FLR836	-102605.302	3185907.165	5.058
FLR837	-102605.046	3185904.538	5.086
FLR838	-102607.288	3185903.145	5.100
FLR839	-102620.167	3185903.150	5.079
FLR840	-102624.151	3185905.563	5.048
FLR841	-102623.864	3185910.212	5.025
FLR842	-102614.164	3185919.828	4.964
FLR843	-102607.287	3185905.645	5.072
FLR844	-102620.165	3185907.650	5.034
FLR845	-102602.232	3185915.455	4.978
FLR846	-102576.081	3185929.533	
FLR847	-102661.308	3185919.566	
FLR848	-102599.795	3185895.842	5.234
FLR849	-102599.798	3185888.142	5.389
FLR850	-102619.795	3185895.850	5.194
FLR851	-102619.798	3185888.150	5.349

TRAFFIC SIGNAL SLEEVE SETTING OUT POINTS

POINT	Y	X
TRAFF215	-102612.134	3185915.015
TRAFF216	-102601.034	3185920.353
TRAFF217	-102619.476	3185884.722
TRAFF218	-102619.360	3185907.126
TRAFF219	-102621.058	3185910.162
TRAFF222	-102639.070	3185918.592
TRAFF223	-102655.279	3185884.722
TRAFF224	-102655.169	3185907.126

SLEEVES SETTING OUT POINT

POINT	Y	X
FSL103	-102583.044	3185884.658
FSL104	-102583.044	3185903.020
FSL105	-102627.084	3185884.091
FSL106	-102646.618	3185884.091
FSL107	-102660.157	3185884.485
FSL108	-102660.157	3185902.540

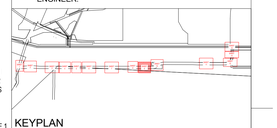
REFERENCE DRAWINGS :

1006614-DRG-08-NW-CC-U005	NEWARK SETTING OUT LAYOUT SHEET 5 OF 9
1006614-DRG-09-NW-CC-L006	NEWARK ROAD LONGSECTION PLAN CH2000 - CH2400 SHEET 6 OF 11
1006614-DRG-12-NW-CC-U005	NEWARK ROAD PAVEMENT LAYOUT PLAN SHEET 5 OF 18
1006614-DRG-12-NW-CC-U014	NEWARK ROAD PAVEMENT LAYOUT PLAN SHEET 14 OF 18
1006614-DRG-13-NW-CC-U005	NEWARK ROAD SIGNAGE LAYOUT PLAN SHEET 5 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	201270176	
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 / PETINGO INTERSECTION SHEET 9 OF 14

PAPER SIZE	TRANSNET DRW. NO.	REV.
A0	TBC	E2
PROJECT DRG. NO.		REV.
1006614-DRG-09-NW-CC-I009		T2

PLAN
SCALE 1:250