COORDINATES			
POINT	Y	X	LEVEL(m)
FLR677	-101503.556	3185899.423	5.079
FLR678	-101503.559	3185896.424	5.154
FLR679	-101503.560	3185891.425	5.235
FLR680	-101506.178	3185890.342	5.229
FLR681	-101507.263	3185887.295	5.208
FLR682	-101503.563	3185887.725	5.348
FLR683	-101512.363	3185887.295	5.236
FLR684	-101512.363	3185887.732	5.267
FLR685	-101507.263	3185887.725	5.222
FLR686	-101513.579	3185890.476	5.434
FLR687	-101516.429	3185891.414	5.204
FLR688	-101516.428	3185896.430	5.122
FLR689	-101516.426	3185899.430	5.044
FLR690	-101517.076	3185899.429	5.056
FLR691	-101534.850	3185888.579	5.196
FLR692	-101553.272	3185887.744	5.204
FLR693	-101535.527	3185901.262	4.977
FLR694	-101553.979	3185903.096	4.936
FLR695	-101559.795	3185896.446	5.065
FLR696	-101559.798	3185887.746	5.220
FLR697	-101579.795	3185896.454	5.115
FLR698	-101579.798	3185887.754	5.270
FLR699	-101590.673	3185896.458	5.142
FLR700	-101590.676	3185887.758	5.298
FLR701	-101599.795	3185896.461	5.165
FLR702	-101599.798	3185887.761	5.320
FLR703	-101619.685	3185896.469	5.215
FLR704	-101619.688	3185887.769	5.370
FLR705	-101619.684	3185899.469	5.148
FLR706	-101608.418	3185902.183	5.262
FLR707	-101599.630	3185909.736	5.377
FLR708	-101619.675	3185924.169	
FLR709	-101598.473	3185911.733	5.400
FLR710	-101597.730	3185913.918	5.423
FLR711	-101597.054	3185916.819	5.451

COORDINATES			
POINT	Y	X	LEVEL(m)
FLR712	-101599.508	3185926.438	
FLR713	-101608.498	3185930.650	
FLR714	-101609.125	3185916.573	
FLR715	-101608.460	3185919.032	
FLR716	-101605.215	3185938.650	
FLR717	-101597.495	3185941.490	
FLR718	-101594.653	3185948.347	
FLR719	-101580.953	3185948.354	
FLR720	-101578.113	3185941.493	
FLR721	-101571.253	3185938.650	
FLR722	-101567.336	3185938.650	
FLR723	-101559.656	3185930.650	
FLR724	-101565.360	3185930.650	
FLR725	-101574.100	3185925.158	
FLR726	-101572.942	3185914.900	5.035
FLR727	-101560.360	3185920.950	
FLR728	-101570.842	3185912.268	5.020
FLR729	-101563.338	3185905.977	4.977
FLR730	-101551.536	3185927.675	
FLR731	-101583.560	3185915.169	5.180
FLR732	-101583.185	3185915.653	5.180
FLR733	-101582.622	3185915.410	5.165
FLR734	-101583.060	3185915.169	5.170
FLR735	-101577.542	3185908.365	5.034
FLR736	-101570.914	3185902.750	5.011
FLR737	-101583.315	3185902.755	5.049
FLR738	-101583.492	3185902.829	5.049
FLR739	-101583.565	3185903.005	5.050
FLR740	-101583.315	3185903.005	5.049
FLR741	-101590.653	3185948.349	
FLR742	-101604.353	3185948.350	
FLR743	-101571.253	3185948.350	

TRAFFIC SIGNAL SLEEVE SETTING OUT POINTS		
POINT	Y	X
TRAFF207	-101580.105	3185880.295
TRAFF208	-101580.105	3185903.415
TRAFF209	-101576.951	3185905.927
TRAFF210	-101587.806	3185912.954
TRAFF211	-101582.255	3185911.300
TRAFF212	-101601.224	3185911.506
TRAFF213	-101617.662	3185885.295
TRAFF214	-101617.662	3185903.415

SLEEVES SETTING OUT POINT		
POINT	Y	X
FSL81	-101555.095	3185885.611
FSL82	-101555.095	3185908.733
FSL83	-101621.802	3185902.657
FSL84	-101621.802	3185885.536

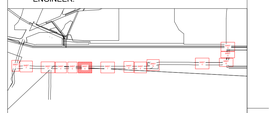
REFERENCE DRAWINGS :

1006614-ORG-08-NW-CC-U003 NEWARK SETTING OUT LAYOUT SHEET 3 OF 9
1006614-ORG-09-NW-CC-L003 NEWARK ROAD LONGSECTION PLAN CH800 - CH1200 SHEET 3 OF 11
1006614-ORG-09-NW-CC-L004 NEWARK ROAD LONGSECTION PLAN CH1200 - CH1600 SHEET 4 OF 11
1006614-ORG-12-NW-CC-U003 NEWARK ROAD PAVEMENT LAYOUT PLAN SHEET 3 OF 18
1006614-ORG-12-NW-CC-U012 NEWARK ROAD PAVEMENT LAYOUT PLAN SHEET 12 OF 18
1006614-ORG-13-NW-CC-U003 NEWARK ROAD SIGNAGE LAYOUT PLAN SHEET 3 OF 9
1006614-ORG-00-NW-CC-D001 RAIL CROSSING DETAIL
1006614-ORG-02-NW-CC-D001 TYPICAL FENCING & GATE DETAILS 1
1006614-ORG-05-NW-CC-D001 BUS BAY & SHELTER DETAILS
1006614-ORG-08-NW-CC-D001 TYPICAL ROAD SECTIONS 1
1006614-ORG-08-NW-CC-D002 TYPICAL ROAD SECTIONS 2
1006614-ORG-08-NW-CC-D003 KERBING DETAILS 1
1006614-ORG-08-NW-CC-D004 KERBING DETAILS 2
1006614-ORG-08-NW-CC-D005 SIDEWALK DETAILS
1006614-ORG-08-NW-CC-D006 GUARDRAIL DETAILS: ARMCO
1006614-ORG-08-NW-CC-D007 BALUSTRADE DETAILS
1006614-ORG-12-NW-CC-D001 PAVEMENT LAYERWORKS DETAILS
1006614-ORG-12-NW-CC-D002 PAVEMENT JOINT DETAILS
1006614-ORG-13-NW-CC-D001 ROAD MARKINGS SPECIFICATIONS
1006614-ORG-13-NW-CC-D002 ROAD SIGNAGE SPECIFICATIONS
1006614-ORG-14-NW-CC-D001 ROAD DRAINAGE : KERB INLET DETAILS
1006614-ORG-14-NW-CC-D002 ROAD DRAINAGE: GRID INLET DETAILS
1006614-ORG-14-NW-CC-D003 ROAD DRAINAGE: JUNCTION BOX DETAILS 1
1006614-ORG-14-NW-CC-D004 ROAD DRAINAGE: JUNCTION BOX DETAILS 2
1006614-ORG-14-NW-CC-D005 ROAD DRAINAGE: PIPE TRENCHING DETAILS
1006614-ORG-14-NW-CC-D006 ROAD DRAINAGE: CHANNEL DETAILS
1006614-ORG-14-NW-CC-D007 ROAD DRAINAGE: PIPE CULVERT INLET / OUTLET DETAILS
1006614-ORG-14-NW-CC-D008 ROAD DRAINAGE: SILT TRAP DETAILS - TYPE 1
1006614-ORG-14-NW-CC-D009 ROAD DRAINAGE: SILT TRAP DETAILS - TYPE 2
1006614-ORG-14-NW-CC-D010 ROAD DRAINAGE: DRAINAGE CHUTE DETAILS
1006614-ORG-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

This Document including all design and information therein is Confidential Intellectual Property of Transnet. Copyright and all other rights are reserved by Transnet. This Document may only be used for its intended purpose.

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	20127017 3	
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
TEL: 035 788 0067
PO BOX 181, RICHARDS BAY 3900, SOUTH AFRICA

PROJECT / AREA / ASSET / SUBJECT/DRAWING TITLE

PORT OF RICHARDS BAY

PORT ROADS REHABILITATION & UPGRADE (REPAIRS TO PORT ROADS)
SETTING OUT PLAN: NEWARK / SAXON INTERSECTION SHEET 6 OF 14

PAPER SIZE	TRANSNET DRW. NO.	REV.
A0	TBC	E2
	PROJECT DRG. NO.	REV.
	1006614-DRG-09-NW-CC-I006	T2

PLAN
SCALE 1:250