COORDINATES

POINT	Y	X	LEVEL(m)
FLR487	-100402.949	3185896.586	7.278
FLR488	-100402.627	3185888.393	7.444
FLR489	-100415.898	3185887.870	7.366
FLR490	-100425.759	3185884.768	7.091
FLR491	-100432.691	3185877.099	6.816
FLR492	-100433.647	3185875.215	6.769
FLR493	-100438.503	3185878.053	6.905
FLR494	-100438.671	3185881.217	7.163
FLR495	-100441.730	3185882.043	7.312
FLR496	-100444.510	3185896.123	7.014
FLR497	-100440.952	3185895.437	7.051
FLR498	-100437.332	3185896.284	7.077
FLR499	-100438.110	3185919.771	5.808
FLR500	-100434.492	3185899.377	7.094
FLR501	-100432.977	3185899.694	7.097
FLR502	-100431.660	3185896.504	7.090
FLR503	-100434.642	3185899.874	7.004
FLR504	-100427.792	3185899.926	7.048
FLR505	-100427.387	3185901.674	7.016
FLR506	-100428.938	3185902.575	6.988
FLR507	-100442.319	3185902.283	6.906
FLR508	-100442.554	3185910.334	6.744
FLR509	-100424.796	3185910.938	6.849
FLR510	-100422.069	3185911.756	6.794
FLR511	-100420.077	3185913.791	6.740

COORDINATES

POINT	Y	X	LEVEL(m)
FLR512	-100425.018	3185916.634	6.240
FLR513	-100413.178	3185925.784	6.491
FLR514	-100407.458	3185922.493	6.422
FLR515	-100408.712	3185920.312	6.515
FLR516	-100408.648	3185914.520	6.752
FLR517	-100403.547	3185911.774	6.988
FLR518	-100403.225	3185903.581	7.138
FLR519	-100545.280	3185894.322	6.604
FLR520	-100544.961	3185881.535	6.862
FLR521	-100547.647	3185880.497	6.989
FLR522	-100548.776	3185877.837	7.115
FLR523	-100548.776	3185876.537	7.250
FLR524	-100545.076	3185877.837	7.260
FLR525	-100552.376	3185876.537	7.249
FLR526	-100552.376	3185878.202	7.110
FLR527	-100553.417	3185880.775	6.964
FLR528	-100555.964	3185881.900	6.818
FLR529	-100556.076	3185878.202	7.148
FLR530	-100556.271	3185894.217	6.570
FLR531	-100404.209	3185903.542	7.133
FLR532	-100407.541	3185899.908	7.182
FLR533	-100403.933	3185896.548	7.273
FLR534	-100404.043	3185900.046	7.203
FLR535	-100428.772	3185901.075	7.018

SLEEVES SETTING OUT POINT

POINT	Y	X
FSL37	-100432.776	3185873.647
FSL38	-100439.566	3185879.092
FSL39	-100414.975	3185924.419
FSL40	-100407.738	3185920.249
FSL41	-100546.929	3185879.318
FSL42	-100555.171	3185879.318
FSL286	-100443.517	3185879.085
FSL287	-100421.197	3185916.697
FSL288	-100431.289	3185899.691

REFERENCE DRAWINGS :

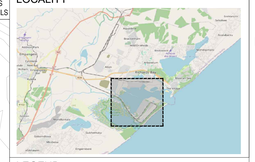
1006614-DRG-08-NW-CC-U001 NEWARK SETTING OUT LAYOUT SHEET 1 OF 9
1006614-DRG-09-NW-CC-L001 NEWARK ROAD LONGSECTION PLAN CH0 - CH400 SHEET 1 OF 11
1006614-DRG-12-NW-CC-U001 NEWARK ROAD PAVEMENT LAYOUT PLAN SHEET 1 OF 18
1006614-DRG-12-NW-CC-U010 NEWARK ROAD PAVEMENT LAYOUT PLAN SHEET 10 OF 18
1006614-DRG-13-NW-CC-U001 NEWARK ROAD SIGNAGE LAYOUT PLAN SHEET 1 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)
TRAFFIXXX	TRAFFIC SLEEVE SETTING OUT POINT
FSLXXX	SLEEVE SETTING OUT POINT
WATERXXX	WATER SLEEVE SETTING OUT POINT

PLAN
SCALE 1:250

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	201270169	
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. 1990/000990/30
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 / SUB-STATION SANTHOM AND PARKING INTERSECTIONS
SHEET 2 OF 14

PAPER SIZE	TRANSNET DRW. NO.	REV.
A0	TBC	E2
	PROJECT DRG. NO.	REV.
	1006614-DRG-09-NW-CC-I002	T2