COORDINATES			
POINT	Y	X	LEVEL(m)
FLR758	-102342.670	3185899.744	4.964
FLR759	-102342.672	3185895.744	5.031
FLR760	-102342.673	3185891.744	5.112
FLR761	-102366.317	3185891.753	5.068
FLR762	-102366.316	3185895.753	4.987
FLR763	-102390.018	3185891.762	5.053
FLR764	-102390.016	3185895.762	4.972
FLR765	-102390.015	3185899.762	4.890
FLR766	-102376.219	3185905.392	4.952
FLR767	-102370.311	3185919.070	5.246
FLR768	-102362.311	3185919.003	5.084
FLR769	-102356.408	3185905.378	5.024
FLR770	-102342.616	3185919.444	
FLR771	-102390.007	3185919.462	
FLR772	-102421.830	3185899.775	5.056
FLR773	-102421.832	3185895.775	5.137
FLR774	-102421.833	3185891.775	5.218
FLR775	-102425.864	3185890.107	5.208
FLR776	-102427.535	3185886.078	5.198
FLR777	-102434.030	3185886.078	5.249
FLR778	-102435.698	3185890.110	5.208
FLR779	-102439.728	3185891.781	5.149
FLR780	-102439.727	3185895.781	5.068
FLR781	-102439.725	3185899.781	4.986
FLR782	-102430.724	3185895.778	5.093

COORDINATES			
POINT	Y	X	LEVEL(m)
FLR783	-102430.723	3185899.778	5.012
FLR784	-102445.965	3185899.784	5.003
FLR785	-102445.967	3185895.784	5.084
FLR786	-102445.968	3185891.784	5.166
FLR787	-102449.790	3185891.280	5.165
FLR788	-102453.349	3185889.800	5.178
FLR789	-102445.974	3185877.084	5.002
FLR790	-102466.452	3185882.200	5.231
FLR791	-102479.555	3185874.600	5.281
FLR792	-102484.396	3185882.897	5.026
FLR793	-102481.925	3185888.173	5.184
FLR794	-102486.484	3185891.799	5.328
FLR795	-102486.483	3185895.799	5.246
FLR796	-102486.481	3185899.799	5.165
FLR797	-102466.056	3185899.791	5.084
FLR798	-102466.057	3185895.791	5.165
FLR799	-102421.835	3185886.075	
FLR800	-102439.730	3185886.081	

SLEEVES SETTING OUT POINT		
POINT	Y	X
FSL93	-102346.256	3185902.110
FSL94	-102346.256	3185888.613
FSL95	-102355.780	3185913.141
FSL96	-102374.948	3185913.141
FSL97	-102393.313	3185900.890
FSL98	-102393.313	3185889.662
FSL99	-102434.956	3185888.344
FSL100	-102435.691	3185888.344
FSL101	-102455.006	3185887.651
FSL102	-102482.888	3185887.651



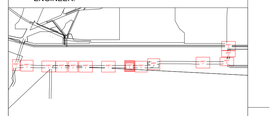
PLAN
SCALE 1:250

REFERENCE DRAWINGS :

1006614-DRG-08-NW-CC-U005	NEWARK SETTING OUT LAYOUT SHEET 5 OF 9
1006614-DRG-09-NW-CC-U005	NEWARK ROAD LONGSECTION PLAN CH1600 - CH2000 SHEET 5 OF 11
1006614-DRG-09-NW-CC-U006	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

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	201270175	
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 AFIRCA

PROJECT / AREA / ASSET / SUBJECT/DRAWING TITLE

PORT OF RICHARDS BAY

PORT ROADS REHABILITATION & UPGRADE
(REPAIRS TO PORT ROADS)
SETTING OUT PLAN: NEWARK / S32 STOCKYARD INTERSECTION
SHEET 8 OF 14

PAPER SIZE	TRANSNET DRW. NO.	REV.
A0	TBC	E2
	PROJECT DRG. NO.	REV.
	1006614-DRG-09-NW-CC-I008	T2