COORDINATES

POINT	Y	X	LEVEL(m)
FLR132	-100247.630	3186042.933	5.820
FLR133	-100243.643	3186043.249	5.900
FLR134	-100251.617	3186042.601	5.740
FLR135	-100249.233	3186062.857	5.869
FLR136	-100245.245	3186063.178	5.949
FLR137	-100255.213	3186062.376	5.749
FLR138	-100246.849	3186083.113	5.990
FLR139	-100250.836	3186082.792	5.917
FLR140	-100258.810	3186082.151	5.776
FLR141	-100262.567	3186088.200	6.000
FLR142	-100269.443	3186090.054	5.999
FLR143	-100268.353	3186080.415	
FLR144	-100269.696	3186096.664	6.216
FLR145	-100282.894	3186099.956	6.008
FLR146	-100260.518	3186107.129	6.094
FLR147	-100269.569	3186093.359	6.163
FLR148	-100251.801	3186094.788	5.947
FLR149	-100247.813	3186095.108	5.956
FLR150	-100252.843	3186107.746	5.978

SLEEVES SETTING OUT POINT

POINT	Y	X
FSL17	-100261.279	3186082.869
FSL18	-100245.791	3186084.128
FSL19	-100263.910	3186096.144
FSL20	-100266.277	3186103.279
FSL21	-100246.455	3186110.886
FSL22	-100263.352	3186109.527



PLAN
SCALE 1:250

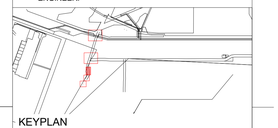
REFERENCE DRAWINGS :

1006614-DRG-09-UR-CC-L002	URANIA ROAD LONGSSECTION CH 400 TO CH 800 SHEET 2 OF 3
1006614-DRG-09-UR-CC-L003	URANIA ROAD LONGSSECTION CH 800 TO CH 1071.265 SHEET 3 OF 3
1006614-DRG-09-UR-CC-U002	URANIA ROAD SETTING OUT LAYOUT SHEET 2 OF 2
1006614-DRG-12-UR-CC-U002	URANIA ROAD PAVEMENT LAYOUT SHEET 2 OF 4
1006614-DRG-12-UR-CC-U004	URANIA ROAD PAVEMENT LAYOUT SHEET 4 OF 4
1006614-DRG-13-UR-CC-U002	URANIA ROAD SIGNAGE LAYOUT PLAN SHEET 2 OF 2
1006614-DRG-00-UR-CC-D001	RAIL CROSSING DETAIL
1006614-DRG-00-UR-CC-D002	BRIDGE INTERFACE DETAIL
1006614-DRG-09-UR-CC-D001	TYPICAL ROAD SECTIONS 1
1006614-DRG-09-UR-CC-D002	TYPICAL ROAD SECTIONS 2
1006614-DRG-09-UR-CC-D003	KERBING DETAILS 1
1006614-DRG-09-UR-CC-D004	KERBING DETAILS 2
1006614-DRG-09-UR-CC-D005	SIDEWALK DETAILS
1006614-DRG-09-UR-CC-D006	GUARDRAIL DETAILS: ARMCO
1006614-DRG-10-UR-CC-D001	ACCOMMODATION OF TRAFFIC DETAILS SHEET 1 OF 3
1006614-DRG-10-UR-CC-D002	ACCOMMODATION OF TRAFFIC DETAILS SHEET 2 OF 3
1006614-DRG-10-UR-CC-D003	ACCOMMODATION OF TRAFFIC DETAILS SHEET 3 OF 3
1006614-DRG-12-UR-CC-D001	PAVEMENT LAYERWORKS DETAILS SHEET 1 OF 2
1006614-DRG-12-UR-CC-D002	PAVEMENT JOINT DETAILS
1006614-DRG-13-UR-CC-D001	ROAD MARKINGS SPECIFICATIONS
1006614-DRG-13-UR-CC-D002	ROAD SIGNAGE SPECIFICATIONS

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 thereon 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	201270225	
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	0.215277778	

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 : URANIA / PIONEER ACCESS SHEET 3 OF 5

PAPER SIZE	TRANSNET DRW. NO.	REV.
A0	TBC	E2
	PROJECT DRG. NO.	REV.
	1006614-DRG-09-UR-CC-I003	T2