COORDINATES				COORDINATES			
POINT	Y	X	LEVEL(m)	POINT	Y	X	LEVEL(m)
FLR1168	-100391.677	3185513.990	11.751	FLR1195	-100338.906	3185686.081	14.307
FLR1169	-100395.501	3185515.163	11.751	FLR1196	-100342.731	3185687.254	14.313
FLR1170	-100399.326	3185516.336	11.759	FLR1197	-100346.555	3185688.426	14.319
FLR1171	-100385.814	3185533.111	12.521	FLR1198	-100334.380	3185700.842	13.950
FLR1172	-100389.638	3185534.284	12.521	FLR1199	-100338.204	3185702.014	14.018
FLR1173	-100393.463	3185535.457	12.533	FLR1200	-100342.028	3185703.187	14.085
FLR1174	-100379.950	3185552.232	13.156	FLR1201	-100332.752	3185705.113	13.830
FLR1175	-100383.775	3185553.405	13.156	FLR1202	-100336.867	3185706.375	13.916
FLR1176	-100387.599	3185554.578	13.171	FLR1203	-100340.691	3185707.547	13.996
FLR1177	-100374.087	3185571.354	13.663	FLR1204	-100325.613	3185723.843	13.332
FLR1178	-100377.911	3185572.526	13.663	FLR1205	-100331.004	3185725.496	13.444
FLR1179	-100381.736	3185573.699	13.682	FLR1206	-100334.828	3185726.669	13.524
FLR1180	-100368.223	3185590.475	14.114	FLR1207	-100318.475	3185742.573	12.810
FLR1181	-100372.048	3185591.648	14.114	FLR1208	-100325.140	3185744.617	12.950
FLR1182	-100375.872	3185592.820	14.137	FLR1209	-100328.959	3185745.806	13.028
FLR1183	-100362.360	3185609.596	14.436	FLR1210	-100314.578	3185732.757	12.455
FLR1184	-100366.184	3185610.769	14.436	FLR1211	-100321.894	3185755.204	12.603
FLR1185	-100370.009	3185611.941	14.463	FLR1212	-100326.765	3185756.807	12.700
FLR1186	-100356.497	3185628.717	14.603	FLR1213	-100311.915	3185761.481	12.127
FLR1187	-100360.321	3185629.890	14.603	FLR1214	-100319.277	3185763.738	12.281
FLR1188	-100364.145	3185631.063	14.633	FLR1215	-100325.031	3185765.503	12.399
FLR1189	-100350.633	3185647.838	14.633	FLR1216	-100306.052	3185780.602	11.333
FLR1190	-100354.457	3185649.011	14.633	FLR1217	-100313.413	3185782.860	11.487
FLR1191	-100358.282	3185650.184	14.667	FLR1218	-100321.093	3185786.215	11.645
FLR1192	-100344.770	3185666.960	14.553	FLR1219	-100300.189	3185799.723	10.535
FLR1193	-100348.594	3185668.132	14.553	FLR1220	-100307.550	3185801.981	10.689
FLR1194	-100352.418	3185669.305	14.590	FLR1221	-100317.120	3185804.915	10.888

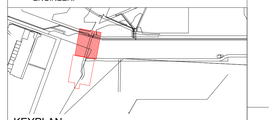
REFERENCE DRAWINGS :

1006614-DRG-09-UR-CC-I001	SETTING OUT PLAN : URANIA / NORTH HARBOUR ARTERIAL SHEET 1 OF 5
1006614-DRG-09-UR-CC-I002	SETTING OUT PLAN : URANIA / NEWARK SHEET 2 OF 5
1006614-DRG-09-UR-CC-L001	URANIA ROAD LONGSETION CH0.00 TO CH400 SHEET 1 OF 3
1006614-DRG-09-UR-CC-L001	URANIA ROAD LONGSETION CH400 TO CH800 SHEET 2 OF 3
1006614-DRG-12-UR-CC-U001	URANIA ROAD PAVEMENT LAYOUT SHEET 1 OF 4
1006614-DRG-12-UR-CC-U003	URANIA ROAD PAVEMENT LAYOUT SHEET 3 OF 4
1006614-DRG-13-UR-CC-U001	URANIA ROAD SIGNAGE LAYOUT PLAN SHEET 1 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
C	FOR APPROVAL	RR	HVDM	HVDM	04 06 25
B	FOR APPROVAL	RR	HVDM	HVDM	12 05 25
A	FOR INFORMATION	RR	HVDM	HVDM	25 03 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	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	0.388888889

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)
URANIA ROAD SETTING OUT LAYOUT SHEET 1 OF 2

PAPER SIZE	TRANSNET DRW. NO.	REV.
A0	TBC	E2
	PROJECT DRG. NO.	REV.
	1006614-DRG-09-UR-CC-U001	T2

PLAN
SCALE 1:500