COORDINATES				COORDINATES			
POINT	Y	X	LEVEL(m)	POINT	Y	X	LEVEL(m)
FLR1222	-100256.893	3185562.075	5.218	FLR1248	-100203.511	3186279.254	5.823
FLR1223	-100260.711	3185563.267	5.218	FLR1249	-100203.743	3186280.143	5.813
FLR1224	-100264.533	3185564.447	5.218	FLR1250	-100203.182	3186279.815	5.826
FLR1225	-100256.408	3185563.629	5.253	FLR1251	-100203.191	3186281.085	5.818
FLR1226	-100260.226	3185954.821	5.230	FLR1252	-100202.301	3186281.317	5.834
FLR1227	-100264.044	3185956.014	5.217	FLR1253	-100202.069	3186280.428	5.818
FLR1228	-100250.499	3185972.862	5.462	FLR1254	-100202.630	3186280.757	5.831
FLR1229	-100254.351	3185973.938	5.382	FLR1255	-100207.408	3186282.054	5.729
FLR1230	-100258.203	3185975.015	5.302	FLR1256	-100199.496	3186284.819	5.843
FLR1231	-100246.005	3185992.755	5.615	FLR1257	-100200.385	3186284.587	5.852
FLR1232	-100249.946	3185993.439	5.535	FLR1258	-100200.617	3186286.477	5.842
FLR1233	-100253.887	3185994.122	5.455	FLR1259	-100200.057	3186285.148	5.855
FLR1234	-100243.634	3186012.999	5.766	FLR1260	-100189.032	3186294.467	5.730
FLR1235	-100247.524	3186013.283	5.686	FLR1261	-100192.612	3186296.565	5.813
FLR1236	-100251.514	3186013.567	5.606	FLR1262	-100183.734	3186297.223	5.813
FLR1237	-100243.110	3186033.368	5.872	FLR1263	-100187.315	3186299.321	5.729
FLR1238	-100247.109	3186033.270	5.793	FLR1264	-100186.998	3186306.147	5.774
FLR1239	-100251.107	3186033.152	5.713	FLR1265	-100187.230	3186307.036	5.784
FLR1240	-100248.020	3186191.112	5.862	FLR1266	-100188.119	3186306.804	5.773
FLR1241	-100251.820	3186192.360	5.942	FLR1267	-100187.558	3186306.475	5.786
FLR1242	-100259.136	3186194.764	6.096	FLR1268	-100178.920	3186311.723	5.661
FLR1243	-100240.250	3186208.634	5.789	FLR1269	-100182.649	3186313.568	5.745
FLR1244	-100243.726	3186210.613	5.869	FLR1270	-100183.538	3186313.336	5.759
FLR1245	-100250.418	3186214.422	6.022	FLR1271	-100183.770	3186314.225	5.744
FLR1246	-100199.144	3186277.212	5.729	FLR1272	-100187.203	3186316.576	5.660
FLR1247	-100202.703	3186279.375	5.812				

REFERENCE DRAWINGS :

1006614-DRG-09-UR-CC-I002	SETTING OUT PLAN : URANIA / NEWARK SHEET 2 OF 5
1006614-DRG-09-UR-CC-L002	URANIA ROAD LONGSETION CH400 TO CH800 SHEET 2 OF 3
1006614-DRG-09-UR-CC-L003	URANIA ROAD LONGSETION CH800 TO CH1071.265 SHEET 3 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 2 OF 2

PAPER SIZE	TRANSNET DRW. NO.	REV.
A0	TBC	E2
	PROJECT DRG. NO.	REV.
	1006614-DRG-09-UR-CC-U002	T2

PLAN
SCALE 1:500