COORDINATES			
POINT	Y	X	LEVEL(m)
FLR372	-100924.153	3186173.626	5.250
FLR373	-100928.903	3186173.628	4.629
FLR374	-100928.902	3186176.167	4.621
FLR375	-100929.102	3186176.167	4.625
FLR376	-100929.103	3186173.628	4.633
FLR377	-100932.853	3186173.629	4.708
FLR378	-100936.603	3186173.630	4.783
FLR379	-100936.602	3186175.490	4.778
FLR380	-100936.802	3186175.490	4.782
FLR381	-100936.803	3186173.631	4.787
FLR382	-100941.553	3186173.632	4.882
FLR383	-100942.636	3186176.249	4.969
FLR384	-100945.251	3186177.334	5.065
FLR385	-100950.085	3186177.337	5.240
FLR386	-100950.085	3186182.934	5.245
FLR387	-100940.250	3186182.934	4.987
FLR388	-100942.633	3186184.016	4.913
FLR389	-100941.548	3186186.832	5.059
FLR390	-100945.248	3186186.834	5.252
FLR391	-100941.547	3186189.062	4.841
FLR392	-100942.630	3186191.679	4.928
FLR393	-100945.246	3186192.764	5.029
FLR394	-100945.247	3186189.064	5.247
FLR395	-100950.085	3186192.766	5.245
FLR396	-100950.085	3186196.866	5.242
FLR397	-100945.244	3186196.864	4.972
FLR398	-100942.627	3186197.947	4.886
FLR399	-100941.543	3186200.563	4.824
FLR400	-100941.539	3186210.503	4.764
FLR401	-100943.207	3186214.552	4.974
FLR402	-100947.237	3186216.223	5.188

COORDINATES			
POINT	Y	X	LEVEL(m)
FLR403	-100947.239	3186210.505	5.238
FLR404	-100950.085	3186216.224	5.153
FLR405	-100950.085	3186226.224	5.000
FLR406	-100947.233	3186226.223	5.103
FLR407	-100943.202	3186227.891	5.092
FLR408	-100941.531	3186231.921	5.082
FLR409	-100947.231	3186231.948	5.052
FLR410	-100924.126	3186249.761	5.119
FLR411	-100916.892	3186267.225	4.950
FLR412	-100899.428	3186274.461	4.781
FLR413	-100899.426	3186249.761	
FLR414	-100899.422	3186278.611	4.569
FLR415	-100899.420	3186282.211	4.497
FLR416	-100920.814	3186282.219	4.793
FLR417	-100920.814	3186282.419	4.792
FLR418	-100899.416	3186282.411	4.493
FLR419	-100899.410	3186286.461	4.633
FLR420	-100916.873	3186293.702	4.807
FLR421	-100924.101	3186311.170	4.981
FLR422	-100932.801	3186311.173	4.939
FLR423	-100941.501	3186311.176	5.311
FLR424	-100941.509	3186290.159	5.159
FLR425	-100942.628	3186287.508	5.178
FLR426	-100945.209	3186286.461	5.194
FLR427	-100945.209	3186290.161	5.258
FLR428	-100950.085	3186286.461	5.182

SLEEVES SETTING OUT POINT		
POINT	Y	X
FSL151	-100948.942	3186177.087
FSL152	-100948.942	3186183.535
FSL153	-100949.298	3186192.434
FSL154	-100949.298	3186197.368
FSL155	-100945.344	3186215.011
FSL156	-100945.328	3186227.353
FSL157	-100910.180	3186263.004
FSL158	-100910.180	3186293.975
FSL159	-100945.300	3186269.855
FSL160	-100945.300	3186287.687

X 3185800

Y -101000

X 3185900

Y -101000

REFERENCE DRAWINGS :

1006614-DRG-08-VT-CC-U001	VENTURA ROAD SETTING OUT LAYOUT SHEET 1 OF 2
1006614-DRG-09-VT-CC-L001	VENTURA ROAD LONG SECTION CH 0 - CH 400 SHEET 1 OF 2
1006614-DRG-09-VT-CC-L002	VENTURA ROAD LONG SECTION CH 400 - CH 601.096 SHEET 2 OF 2
1006614-DRG-12-VT-CC-U001	VENTURA ROAD PAVEMENT LAYOUT PLAN SHEET 1 OF 4
1006614-DRG-12-VT-CC-U003	VENTURA ROAD PAVEMENT LAYOUT PLAN SHEET 3 OF 4
1006614-DRG-13-VT-CC-U001	VENTURE ROAD SIGNAGE LAYOUT PLAN
1006614-DRG-00-VT-CC-D001	RAIL CROSSING DETAIL
1006614-DRG-02-VT-CC-D001	TYPICAL FENCING & GATE DETAILS 1
1006614-DRG-05-VT-CC-D001	SECURITY GAURDHOUSE DETAILS
1006614-DRG-08-VT-CC-D001	TYPICAL ROAD SECTIONS 1
1006614-DRG-08-VT-CC-D003	KERBING DETAILS 1
1006614-DRG-08-VT-CC-D004	KERBING DETAILS 2
1006614-DRG-08-VT-CC-D005	SIDEWALK DETAILS
1006614-DRG-08-VT-CC-D006	GUARDRAIL DETAILS: ARMCO
1006614-DRG-08-VT-CC-D007	BALUSTRADE DETAILS
1006614-DRG-10-VT-CC-D001	ACCOMMODATION OF TRAFFIC DETAILS SHEET 1 OF 2
1006614-DRG-10-VT-CC-D002	ACCOMMODATION OF TRAFFIC DETAILS SHEET 1 OF 2
1006614-DRG-12-VT-CC-D001	PAVEMENT LAYERWORKS DETAILS
1006614-DRG-12-VT-CC-D002	PAVEMENT JOINT DETAILS
1006614-DRG-13-VT-CC-D001	ROAD MARKINGS SPECIFICATIONS
1006614-DRG-13-VT-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

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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	0.2152777778

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: VENTURA/ CLINIC TO CLINKER INTERSECTIONS SHEET 3 OF 4

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

PLAN
SCALE 1:250