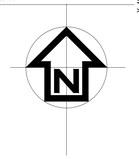
COORDINATES

POINT	Y	X	LEVEL(m)
FLR1956	-104225.501	3185738.474	5.176
FLR1957	-104221.058	3185737.283	5.083
FLR1958	-104215.201	3185736.715	4.961
FLR1959	-104229.181	3185718.060	5.198
FLR1960	-104224.602	3185717.624	5.105
FLR1961	-104219.409	3185717.128	5.000
FLR1962	-104224.516	3185617.641	4.905
FLR1963	-104220.376	3185617.639	4.989
FLR1964	-104205.251	3185617.594	
FLR1965	-104197.651	3185617.572	
FLR1966	-104229.971	3185597.642	4.871
FLR1967	-104225.821	3185597.641	4.955
FLR1968	-104225.822	3185595.516	4.963
FLR1969	-104225.172	3185594.866	4.979
FLR1970	-104224.522	3185595.516	4.989
FLR1971	-104225.172	3185595.516	4.976
FLR1972	-104224.521	3185597.641	4.981
FLR1973	-104220.380	3185597.639	5.065
FLR1974	-104205.311	3185597.636	
FLR1975	-104197.711	3185597.613	
FLR1976	-104225.823	3185588.518	4.990
FLR1977	-104225.173	3185589.173	5.000
FLR1978	-104224.523	3185588.518	5.016
FLR1979	-104225.173	3185588.523	5.003
FLR1980	-104205.371	3185577.636	4.986
FLR1981	-104197.771	3185577.634	5.002



X 3185400
X 3185500
X 3185600
X 3185700
Y -104000
Y -104100
Y -104200
Y -104300
Y -104400

PORTION 79 OF ERF 5333

REMAINDER OF ERF 5333

SERVITUDE AREA SG 1378/2009

PORTION 21 OF ERF 5333

PORTION 21 OF ERF 5333

ROAD RESERVE SG 3086/1994

BYPASS ROAD

NEWARK ROAD

SILVER OCEAN ROAD

KERB TYPE 1

KERB TYPE 2

REFER TO DRAWING 1006614-DRG-08-NW-CC-I013 FOR SETTING OUT INFORMATION

REFER TO DRAWING 1006614-DRG-08-NW-CC-I013 FOR SETTING OUT INFORMATION

WATER-279

WATER-280

PC: 129.585

PT: 36.369

PT: 200.839

PT: 4031.315

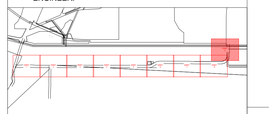
PLAN
SCALE 1:500

REFERENCE DRAWINGS :

1006614-DRG-09-NW-CC-L011	NEWARK ROAD LONGSECTION: CH4000 - CH4237.527
1006614-DRG-09-NW-CC-I012	SETTING OUT PLAN: NEWARK / TRUCK STAGING EAST INTERSECTION
1006614-DRG-09-NW-CC-I013	SETTING OUT PLAN: NEWARK / ACCESS ROUND ABOUT INTERSECTION
1006614-DRG-09-NW-CC-I014	SETTING OUT PLAN: NEWARK / OLD NEWARK INTERSECTION
1006614-DRG-12-NW-CC-U008	NEWARK ROAD PAVEMENT LAYOUT PLAN SHEET 8 OF 18
1006614-DRG-12-NW-CC-U009	NEWARK ROAD PAVEMENT LAYOUT PLAN SHEET 9 OF 18
1006614-DRG-12-NW-CC-U017	NEWARK ROAD PAVEMENT LAYOUT PLAN SHEET 17 OF 18
1006614-DRG-12-NW-CC-U018	NEWARK ROAD PAVEMENT LAYOUT PLAN SHEET 18 OF 18
1006614-DRG-13-NW-CC-U008	NEWARK ROAD SIGNAGE LAYOUT PLAN SHEET 8 OF 9
1006614-DRG-13-NW-CC-U009	NEWARK ROAD SIGNAGE LAYOUT PLAN SHEET 9 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
1006614-DRG-14-NW-CC-D012	ROAD DRAINAGE: CHANNEL OUTLET 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
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	201270084	
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	1:500

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)
NEWARK SETTING OUT LAYOUT
SHEET 9 OF 9

PAPER SIZE	TRANSNET DRW. NO.	REV.
A0	TBC	E2
	PROJECT DRG. NO.	REV.
	1006614-DRG-08-NW-CC-U009	T2