COORDINATES				COORDINATES			
POINT	Y	X	LEVEL(m)	POINT	Y	X	LEVEL(m)
FLR1563	-101259.794	3185899.332	4.981	FLR1588	-101479.794	3185899.409	5.163
FLR1564	-101259.795	3185896.332	5.062	FLR1589	-101479.795	3185895.266	5.215
FLR1565	-101259.798	3185887.632	5.217	FLR1590	-101479.797	3185891.416	5.293
FLR1566	-101266.861	3185887.635	5.231	FLR1591	-101499.794	3185899.421	5.093
FLR1567	-101266.858	3185896.335	5.076	FLR1592	-101499.795	3185896.423	5.163
FLR1568	-101266.856	3185899.335	4.995	FLR1593	-101499.797	3185891.423	5.244
FLR1569	-101399.802	3185891.347	5.423	FLR1594	-101639.794	3185899.477	5.184
FLR1570	-101399.795	3185895.346	5.342	FLR1595	-101639.795	3185895.477	5.265
FLR1571	-101399.788	3185899.347	5.261	FLR1596	-101639.798	3185887.777	5.420
FLR1572	-101446.885	3185902.903	5.296	FLR1597	-101659.794	3185899.484	5.234
FLR1573	-101446.888	3185895.403	5.293	FLR1598	-101659.795	3185895.484	5.315
FLR1574	-101449.895	3185895.404	5.285	FLR1599	-101659.798	3185887.784	5.470
FLR1575	-101449.898	3185887.904	5.436	FLR1600	-101679.794	3185899.492	5.213
FLR1576	-101454.413	3185902.906	5.286	FLR1601	-101679.795	3185895.492	5.294
FLR1577	-101454.416	3185895.406	5.274	FLR1602	-101699.794	3185899.500	5.163
FLR1578	-101457.434	3185895.407	5.367	FLR1603	-101699.795	3185895.500	5.244
FLR1579	-101457.437	3185887.907	5.418	FLR1604	-101699.798	3185887.800	5.399
FLR1580	-101461.941	3185902.909	5.263	FLR1605	-101719.794	3185899.507	5.113
FLR1581	-101459.795	3185895.408	5.261	FLR1606	-101719.795	3185895.507	5.194
FLR1582	-101461.944	3185895.409	5.256	FLR1607	-101719.798	3185887.807	5.349
FLR1583	-101464.973	3185895.410	5.248	FLR1608	-101739.794	3185899.515	5.063
FLR1584	-101464.975	3185887.910	5.400	FLR1609	-101739.795	3185895.515	5.144
FLR1585	-101476.998	3185899.407	5.172	FLR1610	-101739.798	3185887.815	5.299
FLR1586	-101476.986	3185895.415	5.219	FLR1611	-101679.798	3185887.792	5.449
FLR1587	-101476.974	3185891.415	5.300				

REFERENCE DRAWINGS :

1006614-DRG-09-NW-CC-L003	NEWARK ROAD LONGSECTION: CH400 - CH800
1006614-DRG-09-NW-CC-L004	NEWARK ROAD LONGSECTION: CH800 - CH1200
1006614-DRG-09-NW-CC-I003	SETTING OUT PLAN: NEWARK / VENTURA AND NORTHERN ROAD INTERSECTIONS
1006614-DRG-09-NW-CC-I004	SETTING OUT PLAN: NEWARK / WORKSHOP 5 AND OCTOPUS INTERSECTIONS
1006614-DRG-12-NW-CC-U001	NEWARK ROAD PAVEMENT LAYOUT PLAN SHEET 1 OF 18
1006614-DRG-12-NW-CC-U010	NEWARK ROAD PAVEMENT LAYOUT PLAN SHEET 10 OF 18
1006614-DRG-13-NW-CC-U001	NEWARK ROAD SIGNAGE LAYOUT PLAN SHEET 1 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
1006614-DRG-20-NW-CC-D006	SERVICE DUCT TYPICAL 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	20127007 8	
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 3 OF 9

PAPER SIZE	TRANSNET DRW. NO.	REV.
A0	TBC	E2
PROJECT DRG. NO.		REV.
1006614-DRG-08-NW-CC-U003		T2

PLAN
SCALE 1:500