COORDINATES				COORDINATES			
POINT	Y	X	LEVEL(m)	POINT	Y	X	LEVEL(m)
FLR1684	-102259.794	3185899.713	5.061	FLR1715	-102519.795	3185895.812	5.376
FLR1685	-102259.795	3185896.713	5.142	FLR1716	-102519.798	3185888.481	5.324
FLR1686	-102259.797	3185891.713	5.224	FLR1717	-102523.486	3185888.113	5.336
FLR1687	-102277.576	3185899.720	5.072	FLR1718	-102523.483	3185895.813	5.381
FLR1688	-102277.577	3185896.720	5.153	FLR1719	-102522.051	3185896.813	5.380
FLR1689	-102277.579	3185891.720	5.234	FLR1720	-102522.049	3185899.813	5.299
FLR1690	-102289.574	3185903.224	5.134	FLR1721	-102534.048	3185903.317	5.369
FLR1691	-102289.577	3185896.724	5.131	FLR1722	-102534.051	3185895.817	5.366
FLR1692	-102289.579	3185891.724	5.212	FLR1723	-102534.054	3185888.117	5.521
FLR1693	-102303.113	3185903.229	5.110	FLR1724	-102547.587	3185903.322	5.344
FLR1694	-102303.116	3185896.729	5.105	FLR1725	-102547.590	3185895.722	5.341
FLR1695	-102303.117	3185891.729	5.186	FLR1726	-102547.593	3185888.122	5.494
FLR1696	-102316.652	3185903.235	5.083	FLR1727	-102561.125	3185903.328	5.315
FLR1697	-102316.654	3185895.735	5.080	FLR1728	-102561.128	3185896.828	5.311
FLR1698	-102316.656	3185891.735	5.161	FLR1729	-102561.131	3185888.128	5.467
FLR1699	-102331.653	3185899.740	4.970	FLR1730	-102675.362	3185884.671	5.139
FLR1700	-102331.654	3185896.740	5.052	FLR1731	-102675.348	3185895.871	5.083
FLR1701	-102331.656	3185891.740	5.133	FLR1732	-102675.346	3185899.871	5.002
FLR1702	-102339.794	3185899.743	4.955	FLR1733	-102688.891	3185884.676	5.281
FLR1703	-102339.795	3185896.743	5.036	FLR1734	-102688.887	3185895.876	5.056
FLR1704	-102339.797	3185891.743	5.118	FLR1735	-102688.885	3185899.876	4.975
FLR1705	-102399.794	3185899.766	4.957	FLR1736	-102702.429	3185884.681	5.273
FLR1706	-102399.795	3185896.766	5.038	FLR1737	-102702.425	3185895.881	5.048
FLR1707	-102399.797	3185891.766	5.119	FLR1738	-102702.424	3185899.881	4.967
FLR1708	-102419.794	3185899.774	5.065	FLR1739	-102712.456	3185899.885	5.014
FLR1709	-102419.795	3185895.774	5.146	FLR1740	-102712.457	3185895.885	5.095
FLR1710	-102419.797	3185891.774	5.227	FLR1741	-102714.425	3185895.886	5.105
FLR1711	-102499.794	3185899.804	5.219	FLR1742	-102714.428	3185888.186	5.260
FLR1712	-102499.795	3185895.804	5.300	FLR1743	-102719.798	3185888.188	5.287
FLR1713	-102499.797	3185890.473	5.408	FLR1744	-102719.795	3185895.888	5.132
FLR1714	-102519.794	3185899.812	5.295	FLR1745	-102719.793	3185900.567	5.037

X 3185700 Y -102400 Y -102600 Y -102800 X 3185700

X 3185800 Y -102200 Y -102700 X 3185800

PORTION 21 OF ERF 5333

B87/60

B87/58

PLOT

PLOT

BAY STEVEDORES

BIDFREIGHT PORT OPERATIONS

VACANT SITE

SORTING YARD SUBSTATION

REFER TO DRAWING 1006614-DRG-08-NW-CC-I008 FOR SETTING OUT INFORMATION

REFER TO DRAWING 1006614-DRG-08-NW-CC-I008 FOR SETTING OUT INFORMATION

REFER TO DRAWING 1006614-DRG-08-NW-CC-I008 FOR SETTING OUT INFORMATION

REFER TO DRAWING 1006614-DRG-08-NW-CC-I008 FOR SETTING OUT INFORMATION

NEWARK ROAD

KERB TYPE 1

KERB TYPE 2

FENCE

REFER TO INSET 2

PEGASUS DRIVE

PETINGO ROAD

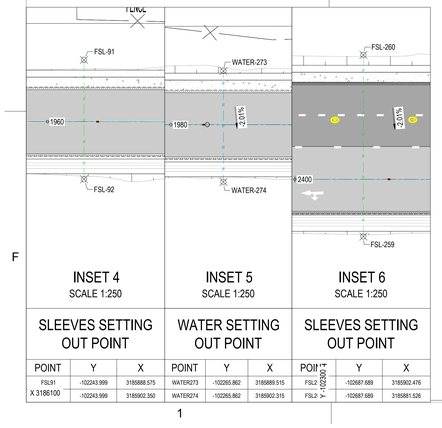
ALPROM SHED

REMAINDR OF ERF 223
UMHLATUZI No. 16232

X 3186000

X 3186100

PLAN
SCALE 1:500



INSET 4
SCALE 1:250

SLEEVES SETTING OUT POINT

POINT	Y	X
FSL91	-102243.999	3185888.575
FSL92	-102243.999	3185902.350

INSET 5
SCALE 1:250

WATER SETTING OUT POINT

POINT	Y	X
WATER273	-102265.862	3185889.515
WATER274	-102265.862	3185902.315

INSET 6
SCALE 1:250

SLEEVES SETTING OUT POINT

POINT	Y	X
FSL260	-102667.689	3185902.476
FSL259	-102667.689	3185881.526

REFERENCE DRAWINGS :

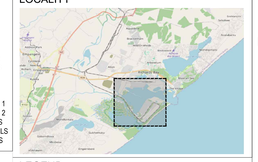
1006614-DRG-09-NW-CC-L005	NEWARK ROAD LONGSECTION: CH1600 - CH2000
1006614-DRG-09-NW-CC-L006	NEWARK ROAD LONGSECTION: CH2000 - CH2400
1006614-DRG-09-NW-CC-L007	NEWARK ROAD LONGSECTION: CH2400 - CH2800
1006614-DRG-09-NW-CC-I007	SETTING OUT PLAN: NEWARK / WAYFARER INTERSECTION
1006614-DRG-09-NW-CC-I008	SETTING OUT PLAN: NEWARK / S32 STOCKYARD INTERSECTION
1006614-DRG-12-NW-CC-U004	NEWARK ROAD PAVEMENT LAYOUT PLAN SHEET 4 OF 18
1006614-DRG-12-NW-CC-U005	NEWARK ROAD PAVEMENT LAYOUT PLAN SHEET 5 OF 18
1006614-DRG-12-NW-CC-U013	NEWARK ROAD PAVEMENT LAYOUT PLAN SHEET 13 OF 18
1006614-DRG-12-NW-CC-U014	NEWARK ROAD PAVEMENT LAYOUT PLAN SHEET 14 OF 18
1006614-DRG-13-NW-CC-U004	NEWARK ROAD SIGNAGE LAYOUT PLAN SHEET 4 OF 9
1006614-DRG-13-NW-CC-U005	NEWARK ROAD SIGNAGE LAYOUT PLAN SHEET 5 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 201270080

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 5 OF 9

PAPER SIZE	TRANSNET DRW. NO.	REV.
A0	TBC	E2
	PROJECT DRG. NO.	REV.
	1006614-DRG-08-NW-CC-U005	T2