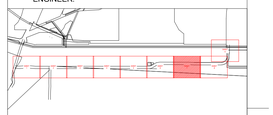
PLAN
SCALE 1:500

REFERENCE DRAWINGS :

1006614-DRG-09-NW-CC-L008	NEWARK ROAD LONGSSECTION: CH2800 - CH3200
1006614-DRG-09-NW-CC-L009	NEWARK ROAD LONGSSECTION: CH3200 - CH3600
1006614-DRG-09-NW-CC-I010	SETTING OUT PLAN: NEWARK / PORT RAIL OPERATIONS ACCESSES 2 INTERSECTIONS
1006614-DRG-12-NW-CC-U005	NEWARK ROAD PAVEMENT LAYOUT PLAN SHEET 5 OF 18
1006614-DRG-12-NW-CC-U006	NEWARK ROAD PAVEMENT LAYOUT PLAN SHEET 6 OF 18
1006614-DRG-12-NW-CC-U014	NEWARK ROAD PAVEMENT LAYOUT PLAN SHEET 14 OF 18
1006614-DRG-12-NW-CC-U015	NEWARK ROAD PAVEMENT LAYOUT PLAN SHEET 15 OF 18
1006614-DRG-13-NW-CC-U005	NEWARK ROAD SIGNAGE LAYOUT PLAN SHEET 5 OF 9
1006614-DRG-13-NW-CC-U006	NEWARK ROAD SIGNAGE LAYOUT PLAN SHEET 6 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

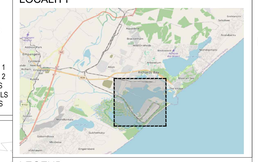
NOTES

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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COORDINATES				COORDINATES			
POINT	Y	X	LEVEL(m)	POINT	Y	X	LEVEL(m)
FLR1807	-103242.288	3185832.484	4.870	FLR1850	-103502.287	3185823.769	5.757
FLR1808	-103242.287	3185823.784	5.045	FLR1851	-103502.287	3185811.946	5.995
FLR1809	-103242.287	3185810.474	5.312	FLR1852	-103514.239	3185827.769	5.646
FLR1810	-103262.288	3185832.483	4.936	FLR1853	-103514.239	3185823.769	5.728
FLR1811	-103262.287	3185823.783	5.112	FLR1854	-103522.288	3185827.768	5.626
FLR1812	-103262.287	3185810.483	5.379	FLR1855	-103522.287	3185823.768	5.707
FLR1813	-103282.288	3185832.482	5.003	FLR1856	-103522.287	3185814.139	5.901
FLR1814	-103282.287	3185823.782	5.178	FLR1857	-103542.288	3185827.767	5.576
FLR1815	-103282.293	3185810.493	5.445	FLR1858	-103542.287	3185823.767	5.657
FLR1816	-103302.288	3185832.481	5.070	FLR1859	-103542.287	3185816.331	5.807
FLR1817	-103302.287	3185823.781	5.245	FLR1860	-103562.093	3185828.438	5.526
FLR1818	-103302.287	3185810.502	5.512	FLR1861	-103562.274	3185824.432	5.607
FLR1819	-103322.288	3185832.480	5.136	FLR1862	-103562.540	3185818.551	5.726
FLR1820	-103322.287	3185823.779	5.312	FLR1863	-103582.073	3185829.330	5.476
FLR1821	-103322.287	3185810.511	5.578	FLR1864	-103582.254	3185825.334	5.557
FLR1822	-103342.288	3185832.479	5.203	FLR1865	-103582.461	3185820.735	5.651
FLR1823	-103342.287	3185823.778	5.378	FLR1866	-103591.479	3185829.755	5.453
FLR1824	-103342.287	3185810.520	5.645	FLR1867	-103591.660	3185825.759	5.534
FLR1825	-103362.288	3185832.477	5.270	FLR1868	-103591.840	3185821.763	5.615
FLR1826	-103362.287	3185823.777	5.445	FLR1869	-103598.144	3185830.056	5.436
FLR1827	-103362.287	3185810.529	5.711	FLR1870	-103598.324	3185826.060	5.517
FLR1828	-103382.288	3185832.476	5.336	FLR1871	-103598.505	3185822.064	5.598
FLR1829	-103382.287	3185823.776	5.512	FLR1872	-103602.745	3185830.212	5.425
FLR1830	-103382.287	3185810.538	5.778	FLR1873	-103607.348	3185830.264	5.413
FLR1831	-103402.288	3185832.475	5.403	FLR1874	-103602.925	3185822.214	5.587
FLR1832	-103402.287	3185823.775	5.578	FLR1875	-103607.348	3185822.264	5.576
FLR1833	-103402.293	3185810.547	5.844	FLR1876	-103602.840	3185826.264	5.505
FLR1834	-103422.288	3185832.474	5.470	FLR1877	-103607.359	3185826.264	5.495
FLR1835	-103422.287	3185823.774	5.645	FLR1878	-103622.234	3185830.263	5.376
FLR1836	-103422.287	3185810.556	5.911	FLR1879	-103622.234	3185826.263	5.457
FLR1837	-103442.288	3185832.473	5.536	FLR1880	-103622.234	3185822.263	5.539
FLR1838	-103442.287	3185823.773	5.712	FLR1881	-103642.234	3185830.262	5.326
FLR1839	-103442.293	3185810.565	5.977	FLR1882	-103642.234	3185826.262	5.407
FLR1840	-103462.288	3185832.472	5.603	FLR1883	-103642.234	3185822.262	5.489
FLR1841	-103462.287	3185823.772	5.778	FLR1884	-103662.234	3185830.260	5.276
FLR1842	-103462.287	3185810.574	6.043	FLR1885	-103662.234	3185826.260	5.357
FLR1843	-103477.239	3185832.471	5.639	FLR1886	-103662.234	3185822.260	5.439
FLR1844	-103477.239	3185823.771	5.815	FLR1887	-103682.234	3185830.259	5.226
FLR1845	-103477.249	3185810.581	6.080	FLR1888	-103682.234	3185826.259	5.307
FLR1846	-103482.288	3185831.829	5.645	FLR1889	-103682.234	3185822.259	5.389
FLR1847	-103482.287	3185823.771	5.807	FLR1890	-103702.234	3185830.258	5.176
FLR1848	-103482.287	3185810.583	6.072	FLR1891	-103702.234	3185826.258	5.257
FLR1849	-103502.288	3185829.288	5.646	FLR1892	-103702.234	3185822.258	5.339

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 201270082

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 AFRICA

PROJECT / AREA / ASSET / SUBJECT/DRAWING TITLE

PORT OF RICHARDS BAY

PORT ROADS REHABILITATION & UPGRADE (REPAIRS TO PORT ROADS)
NEWARK SETTING OUT LAYOUT
SHEET 7 OF 9

PAPER SIZE	TRANSNET DRW. NO.	REV.
A0	TBC	E2
	PROJECT DRG. NO.	REV.
	1006614-DRG-08-NW-CC-U007	T2