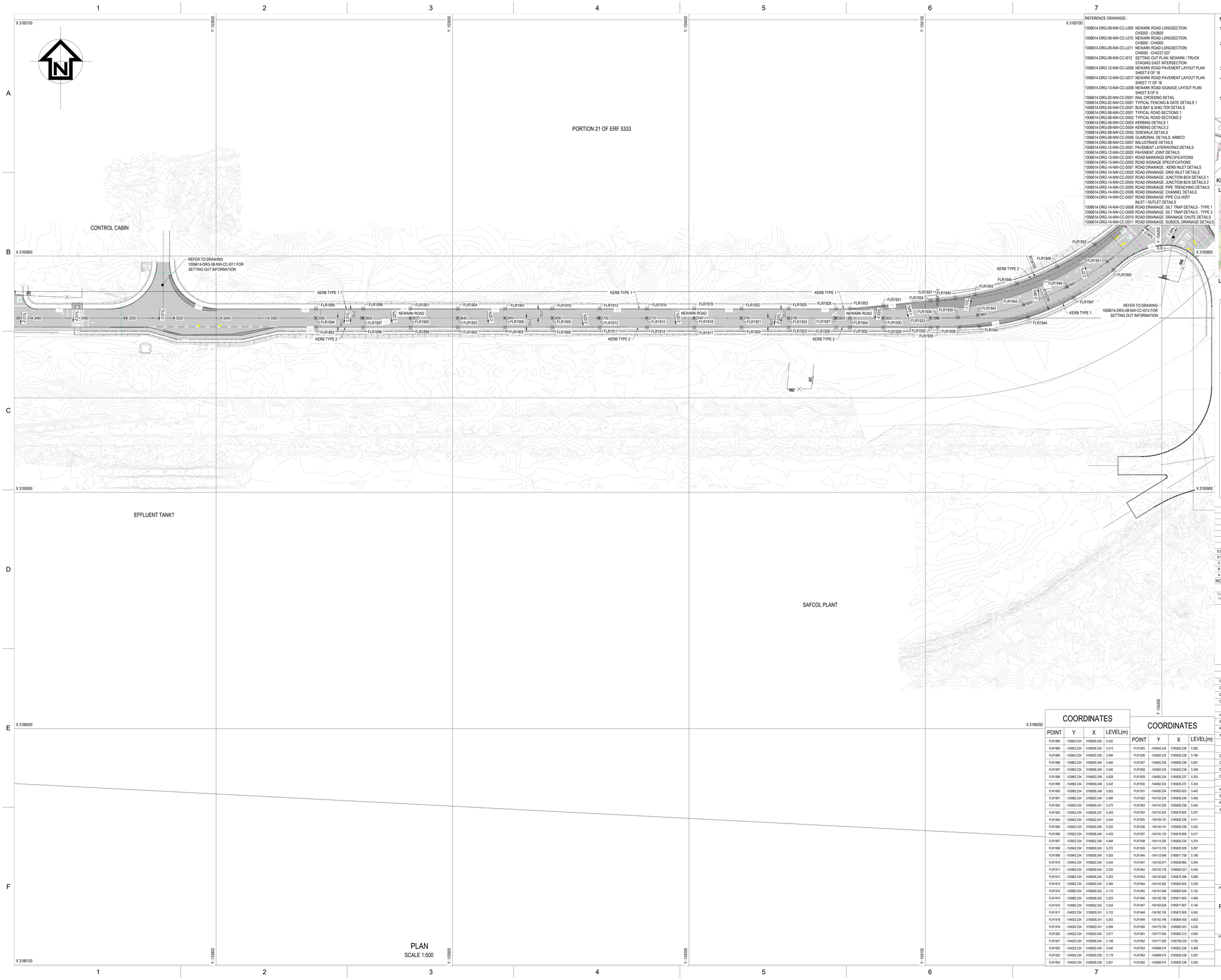


REFERENCE DRAWINGS :

1006614-DRG-09-NW-CC-L009	NEWARK ROAD LONGSECTION: CH2000 - CH3600
1006614-DRG-09-NW-CC-L010	NEWARK ROAD LONGSECTION: CH3600 - CH4000
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-12-NW-CC-U008	NEWARK ROAD PAVEMENT LAYOUT PLAN SHEET 8 OF 18
1006614-DRG-12-NW-CC-U017	NEWARK ROAD PAVEMENT LAYOUT PLAN SHEET 17 OF 18
1006614-DRG-13-NW-CC-U008	NEWARK ROAD SIGNAGE LAYOUT PLAN SHEET 8 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

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	20127008 3	
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 8 OF 9

PAPER SIZE	TRANSNET DRW. NO.	REV.
A0	TBC	E2
PROJECT DRG. NO.		REV.
1006614-DRG-08-NW-CC-U008		T2

COORDINATES

POINT	Y	X	LEVEL(m)
FLR1893	-103842.234	3185830.250	5.432
FLR1894	-103842.234	3185826.250	5.513
FLR1895	-103842.234	3185822.250	5.594
FLR1896	-103862.234	3185830.249	5.465
FLR1897	-103862.234	3185826.249	5.546
FLR1898	-103862.234	3185822.249	5.628
FLR1899	-103882.234	3185830.248	5.422
FLR1900	-103882.234	3185826.248	5.503
FLR1901	-103882.234	3185822.248	5.584
FLR1902	-103902.234	3185830.247	5.372
FLR1903	-103902.234	3185826.247	5.453
FLR1904	-103902.234	3185822.247	5.534
FLR1905	-103922.234	3185830.246	5.322
FLR1906	-103922.234	3185826.246	5.403
FLR1907	-103922.234	3185822.246	5.484
FLR1908	-103942.234	3185830.245	5.272
FLR1909	-103942.234	3185826.245	5.353
FLR1910	-103942.234	3185822.245	5.434
FLR1911	-103962.234	3185830.244	5.222
FLR1912	-103962.234	3185826.244	5.303
FLR1913	-103962.234	3185822.244	5.384
FLR1914	-103982.234	3185830.243	5.172
FLR1915	-103982.234	3185826.243	5.253
FLR1916	-103982.234	3185822.243	5.334
FLR1917	-104002.234	3185830.241	5.122
FLR1918	-104002.234	3185826.241	5.203
FLR1919	-104002.234	3185822.241	5.284
FLR1920	-104022.234	3185830.240	5.077
FLR1921	-104022.234	3185826.240	5.158
FLR1922	-104022.234	3185822.240	5.240
FLR1923	-104042.234	3185830.239	5.119
FLR1924	-104042.234	3185826.239	5.201

COORDINATES

POINT	Y	X	LEVEL(m)
FLR1925	-104042.234	3185822.239	5.282
FLR1926	-104062.234	3185830.238	5.186
FLR1927	-104062.234	3185826.238	5.267
FLR1928	-104062.234	3185822.238	5.348
FLR1929	-104082.234	3185830.237	5.253
FLR1930	-104082.234	3185826.237	5.334
FLR1931	-104082.234	3185822.823	5.443
FLR1932	-104102.234	3185830.236	5.426
FLR1933	-104102.234	3185826.236	5.345
FLR1934	-104102.234	3185818.825	5.337
FLR1935	-104105.151	3185830.236	5.411
FLR1936	-104105.141	3185826.236	5.330
FLR1937	-104105.123	3185818.608	5.517
FLR1938	-104114.293	3185830.234	5.374
FLR1939	-104113.725	3185825.928	5.287
FLR1940	-104112.646	3185817.758	5.196
FLR1941	-104122.871	3185829.865	5.344
FLR1942	-104122.176	3185825.021	5.245
FLR1943	-104120.940	3185816.398	5.069
FLR1944	-104143.362	3185825.923	5.259
FLR1945	-104141.646	3185820.549	5.145
FLR1946	-104138.790	3185811.605	4.956
FLR1947	-104162.628	3185817.807	5.156
FLR1948	-104160.105	3185812.909	5.045
FLR1949	-104155.746	3185804.450	4.853
FLR1950	-104179.740	3185805.921	5.036
FLR1951	-104177.040	3185802.313	4.945
FLR1952	-104171.592	3185795.033	4.762
FLR1953	-104068.074	3185822.238	5.368
FLR1954	-104068.074	3185826.238	5.287
FLR1955	-104068.074	3185830.238	5.205