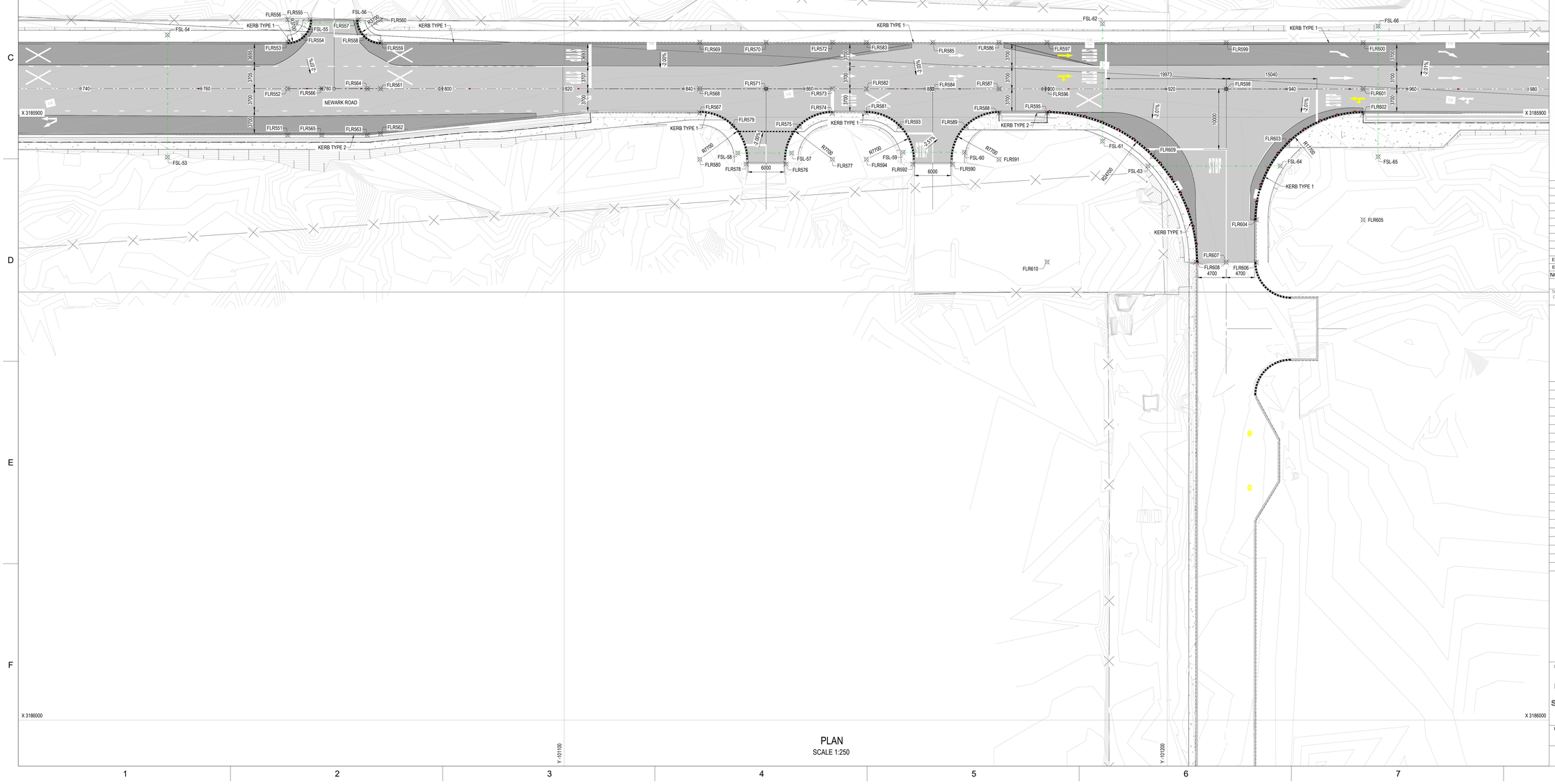
POINT TABLE				POINT TABLE			
POINT	Y	X	LEVEL	POINT	Y	X	LEVEL
551	-101054.140	3185902.954	5.185	581	-101150.112	3185899.290	4.893
552	-101054.143	3185895.254	5.340	582	-101150.113	3185895.290	4.975
553	-101054.146	3185887.554	5.495	583	-101150.116	3185887.590	5.130
554	-101056.763	3185886.470	5.406	584	-101161.113	3185895.294	4.938
555	-101057.848	3185883.854	5.317	585	-101161.116	3185887.594	5.093
556	-101054.148	3185883.854	5.531	586	-101172.116	3185887.599	5.056
557	-101065.848	3185883.860	5.361	587	-101172.113	3185895.299	4.901
558	-101066.931	3185886.475	5.398	588	-101172.112	3185899.299	4.820
559	-101069.546	3185887.560	5.414	589	-101166.665	3185901.553	4.938
560	-101069.548	3185883.860	5.526	590	-101164.409	3185907.799	5.038
561	-101069.546	3185895.260	5.258	591	-101172.109	3185906.999	4.991
562	-101069.546	3185902.741	5.108	592	-101157.809	3185907.799	5.063
563	-101067.357	3185902.959	5.115	593	-101150.554	3185901.547	4.981
564	-101067.360	3185895.259	5.270	594	-101150.109	3185906.990	5.077
565	-101059.792	3185902.956	5.155	595	-101180.080	3185899.302	4.821
566	-101059.795	3185895.256	5.310	596	-101180.082	3185895.302	4.902
567	-101122.481	3185899.280	4.991	597	-101180.085	3185887.602	5.058
568	-101122.482	3185895.280	5.057	598	-101209.782	3185895.313	4.962
569	-101122.485	3185887.580	5.213	599	-101209.785	3185887.613	5.117
570	-101133.486	3185887.584	5.185	600	-101232.488	3185887.622	5.162
571	-101133.478	3185895.284	5.030	601	-101232.485	3185895.322	5.007
572	-101144.485	3185887.588	5.149	602	-101232.484	3185899.322	4.926
573	-101144.482	3185895.288	4.993	603	-101219.969	3185904.498	4.942
574	-101144.481	3185899.288	4.912	604	-101214.777	3185917.007	4.944
575	-101139.034	3185901.542	5.019	605	-101232.477	3185917.022	5.250
576	-101136.778	3185907.777	5.123	606	-101214.771	3185924.077	4.929
577	-101144.478	3185908.988	5.100	607	-101209.771	3185924.050	4.827
578	-101130.178	3185907.777	5.142	608	-101204.771	3185924.022	4.741
579	-101127.924	3185901.536	5.062	609	-101197.547	3185906.547	4.788
580	-101122.478	3185906.980	5.250	610	-101180.071	3185924.002	5.225

SLEEVES SETTING OUT POINT		
POINT	Y	X
FSL57	-101137.713	3185905.942
FSL58	-101128.762	3185905.942
FSL59	-101156.178	3185905.825
FSL60	-101166.381	3185905.825
FSL61	-101189.264	3185903.990
FSL62	-101189.264	3185884.483
FSL63	-101196.810	3185908.078
FSL64	-101218.736	3185908.078
FSL65	-101234.973	3185906.543
FSL66	-101234.973	3185884.879



PLAN
SCALE 1:250

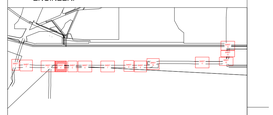
REFERENCE DRAWINGS :

1006614-DRG-08-NW-CC-U002	NEWARK SETTING OUT LAYOUT SHEET 2 OF 9
1006614-DRG-09-NW-CC-L002	NEWARK ROAD LONGSECTION PLAN CH400 - CH800 SHEET 2 OF 11
1006614-DRG-09-NW-CC-L003	NEWARK ROAD LONGSECTION PLAN CH800 - CH1200 SHEET 3 OF 11
1006614-DRG-12-NW-CC-U002	NEWARK ROAD PAVEMENT LAYOUT PLAN SHEET 2 OF 18
1006614-DRG-12-NW-CC-U011	NEWARK ROAD PAVEMENT LAYOUT PLAN SHEET 11 OF 18
1006614-DRG-13-NW-CC-U002	NEWARK ROAD SIGNAGE LAYOUT PLAN SHEET 2 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

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	20127017	
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	1:200

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)
SETTING OUT PLAN: NEWARK / WORKSHOP 5 AND OCTOPUS INTERSECTIONS
SHEET 4 OF 14

PAPER SIZE	TRANSNET DRW. NO.	REV.
A0	TBC	E2
	PROJECT DRG. NO.	REV.
	1006614-DRG-09-NW-CC-I004	T2