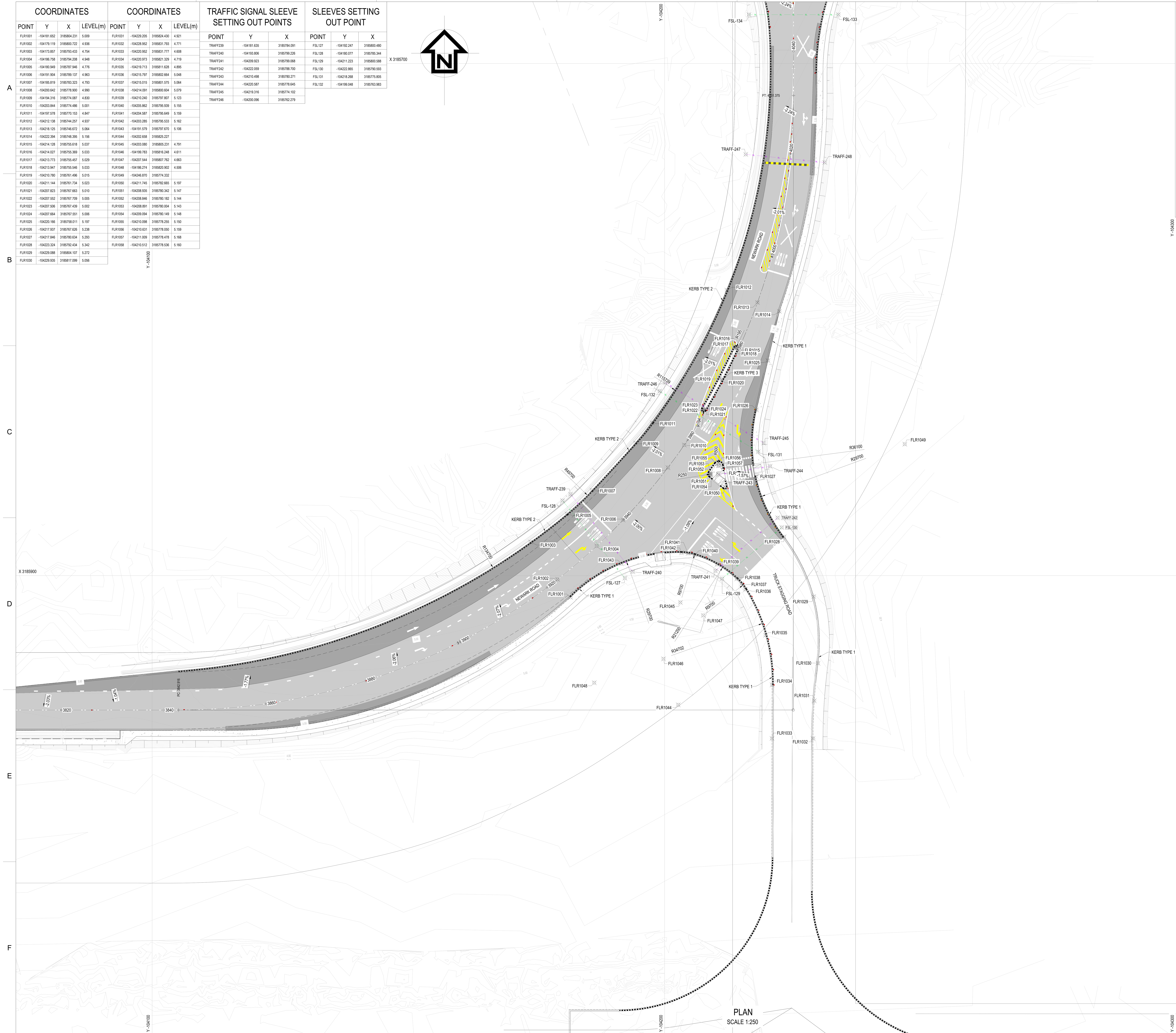
COORDINATES			
POINT	Y	X	LEVEL(m)
FLR1001	-104181.652	3185804.231	5.009
FLR1002	-104179.119	3185800.722	4.936
FLR1003	-104173.857	3185793.433	4.754
FLR1004	-104186.758	3185794.208	4.948
FLR1005	-104180.949	3185787.946	4.776
FLR1006	-104191.904	3185789.137	4.963
FLR1007	-104185.819	3185783.323	4.793
FLR1008	-104200.642	3185778.900	4.990
FLR1009	-104194.316	3185774.087	4.830
FLR1010	-104203.844	3185774.486	5.001
FLR1011	-104197.578	3185770.153	4.847
FLR1012	-104212.138	3185744.257	4.937
FLR1013	-104218.125	3185746.672	5.064
FLR1014	-104222.394	3185748.395	5.156
FLR1015	-104214.128	3185755.618	5.037
FLR1016	-104214.027	3185755.369	5.033
FLR1017	-104213.773	3185755.457	5.029
FLR1018	-104213.947	3185755.546	5.033
FLR1019	-104210.780	3185761.496	5.015
FLR1020	-104211.144	3185761.734	5.023
FLR1021	-104207.823	3185767.663	5.010
FLR1022	-104207.552	3185767.709	5.005
FLR1023	-104207.506	3185767.439	5.002
FLR1024	-104207.664	3185767.551	5.006
FLR1025	-104220.166	3185758.011	5.197
FLR1026	-104217.937	3185767.626	5.238
FLR1027	-104217.846	3185780.634	5.293
FLR1028	-104223.324	3185792.434	5.342
FLR1029	-104229.088	3185804.107	5.272
FLR1030	-104229.935	3185817.099	5.056

COORDINATES			
POINT	Y	X	LEVEL(m)
FLR1031	-104229.205	3185824.430	4.921
FLR1032	-104228.952	3185831.793	4.771
FLR1033	-104220.952	3185831.777	4.608
FLR1034	-104220.973	3185821.329	4.719
FLR1035	-104219.713	3185811.628	4.895
FLR1036	-104215.797	3185802.664	5.048
FLR1037	-104215.015	3185801.575	5.064
FLR1038	-104214.091	3185800.604	5.079
FLR1039	-104210.240	3185797.807	5.123
FLR1040	-104205.862	3185795.939	5.155
FLR1041	-104204.587	3185795.649	5.159
FLR1042	-104203.285	3185795.533	5.162
FLR1043	-104191.579	3185797.670	5.106
FLR1044	-104202.658	3185825.227	
FLR1045	-104203.080	3185805.231	4.791
FLR1046	-104199.783	3185816.248	4.611
FLR1047	-104207.544	3185807.762	4.663
FLR1048	-104186.274	3185820.902	4.506
FLR1049	-104246.870	3185774.332	
FLR1050	-104211.745	3185782.665	5.197
FLR1051	-104208.935	3185780.342	5.147
FLR1052	-104208.846	3185780.182	5.144
FLR1053	-104208.891	3185780.004	5.143
FLR1054	-104209.094	3185780.149	5.148
FLR1055	-104210.098	3185778.255	5.150
FLR1056	-104210.631	3185778.050	5.159
FLR1057	-104211.009	3185778.478	5.168
FLR1058	-104210.512	3185778.536	5.160

TRAFFIC SIGNAL SLEEVE SETTING OUT POINTS		
POINT	Y	X
TRAFF239	-104181.635	3185784.091
TRAFF240	-104193.806	3185799.226
TRAFF241	-104209.923	3185799.068
TRAFF242	-104222.059	3185788.700
TRAFF243	-104210.498	3185780.271
TRAFF244	-104220.587	3185778.645
TRAFF245	-104219.316	3185774.102
TRAFF246	-104200.096	3185762.279

SLEEVES SETTING OUT POINT		
POINT	Y	X
FSL127	-104192.247	3185800.480
FSL128	-104180.077	3185785.344
FSL129	-104211.223	3185800.588
FSL130	-104222.865	3185790.593
FSL131	-104218.268	3185775.805
FSL132	-104199.048	3185763.983



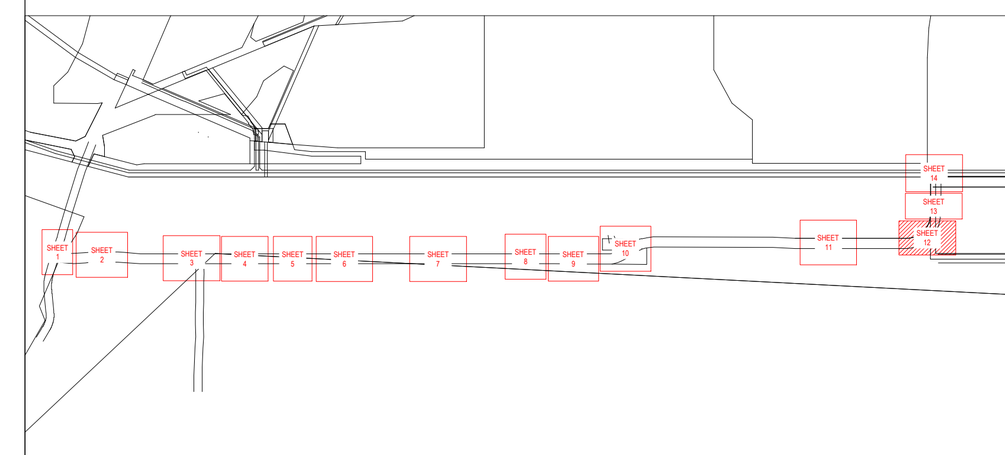
PLAN
SCALE 1:250

REFERENCE DRAWINGS :

1006614-DRG-08-NW-CC-U008 NEWARK SETTING OUT LAYOUT SHEET 8 OF 9
1006614-DRG-09-NW-CC-L010 NEWARK ROAD LONGSECTION PLAN CH3600 - CH4000 SHEET 10 OF 11
1006614-DRG-09-NW-CC-L011 NEWARK ROAD LONGSECTION PLAN CH4000 - CH4237.527 SHEET 11 OF 11
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

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	201270179		
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 / TRUCK STAGING EAST INTERSECTION
SHEET 12 OF 14

PAPER SIZE	TRANSNET DRW. NO.	REV.
A0	TBC	E2
	PROJECT DRG. NO.	REV.
	1006614-DRG-09-NW-CC-I012	T2