COORDINATES				COORDINATES			
POINT	Y	X	LEVEL(m)	POINT	Y	X	LEVEL(m)
FLR957	-103704.792	3185830.258	5.170	FLR978	-103800.142	3185802.553	
FLR958	-103704.792	3185826.258	5.251	FLR979	-103802.234	3185822.253	5.514
FLR959	-103704.792	3185822.258	5.332	FLR980	-103802.234	3185826.253	5.433
FLR960	-103708.822	3185820.588	5.187	FLR981	-103822.234	3185822.251	5.554
FLR961	-103710.491	3185816.558	5.041	FLR982	-103822.234	3185826.251	5.473
FLR962	-103704.791	3185816.558	5.110	FLR983	-103825.770	3185822.251	5.561
FLR963	-103718.491	3185816.557	5.085	FLR984	-103825.770	3185830.251	5.019
FLR964	-103720.161	3185820.588	5.222	FLR985	-103825.770	3185826.251	5.480
FLR965	-103724.192	3185822.257	5.358	FLR986	-103818.271	3185832.002	5.433
FLR966	-103724.191	3185816.557	5.145	FLR987	-103810.771	3185833.752	5.453
FLR967	-103724.192	3185826.257	5.277	FLR988	-103810.770	3185829.952	5.376
FLR968	-103724.192	3185830.257	5.196	FLR989	-103810.770	3185826.252	5.450
FLR969	-103755.143	3185830.255	5.258	FLR990	-103797.232	3185833.753	5.426
FLR970	-103755.143	3185828.255	5.339	FLR991	-103797.232	3185829.953	5.349
FLR971	-103755.143	3185822.255	5.420	FLR992	-103797.232	3185826.253	5.423
FLR972	-103769.072	3185816.485	5.259	FLR993	-103783.730	3185833.502	5.465
FLR973	-103774.842	3185802.555	5.098	FLR994	-103783.693	3185829.954	5.322
FLR974	-103755.142	3185802.555		FLR995	-103783.693	3185826.254	5.396
FLR975	-103760.442	3185802.553	5.030	FLR996	-103777.693	3185832.004	5.352
FLR976	-103786.212	3185816.483	5.270	FLR997	-103771.693	3185830.254	5.305
FLR977	-103800.143	3185822.253	5.510	FLR998	-103771.693	3185826.254	5.372

SLEEVES SETTING OUT POINT		
POINT	Y	X
FSL119	-103668.590	3185820.486
FSL120	-103668.590	3185833.993
FSL121	-103703.870	3185820.415
FSL122	-103703.870	3185833.911
FSL123	-103708.933	3185818.542
FSL124	-103720.214	3185818.542
FSL125	-103773.273	3185807.086
FSL126	-103782.699	3185807.086

REFERENCE DRAWINGS :

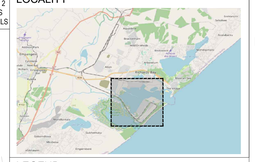
1006614-DRG-08-NW-CC-U007 NEWARK SETTING OUT LAYOUT SHEET 7 OF 9
1006614-DRG-08-NW-CC-U008 NEWARK SETTING OUT LAYOUT SHEET 8 OF 9
1006614-DRG-09-NW-CC-U009 NEWARK ROAD LONGSECTION PLAN CH3200 - CH3600 SHEET 9 OF 11
1006614-DRG-12-NW-CC-U007 NEWARK ROAD PAVEMENT LAYOUT PLAN SHEET 7 OF 18
1006614-DRG-12-NW-CC-U016 NEWARK ROAD PAVEMENT LAYOUT PLAN SHEET 16 OF 18
1006614-DRG-13-NW-CC-U007 NEWARK ROAD SIGNAGE LAYOUT PLAN SHEET 7 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.

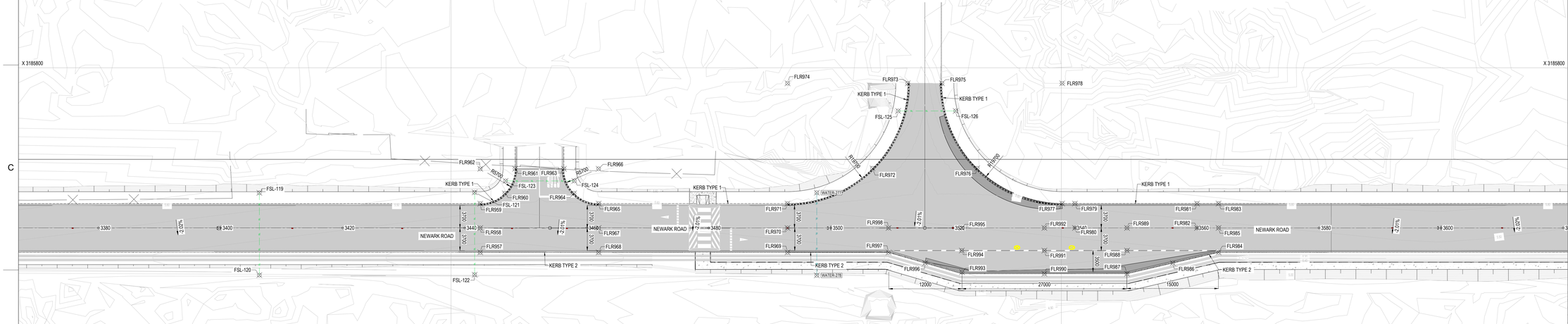
KEYPLAN

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



PLAN
SCALE 1:250

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

This Document including all design and information therein is Confidential Intellectual Property of Transnet Copyright and all other rights are reserved by Transnet. This Document may only be used for its intended purpose

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	201270178	
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 / ELEC DEPOT AND CONTROL CABIN INTERSECTIONS
SHEET 11 OF 14

PAPER SIZE	TRANSNET DRW. NO.	REV.
A0	TBC	E2
PROJECT DRG. NO.		REV.
1006614-DRG-09-NW-CC-I011		T2