COORDINATES

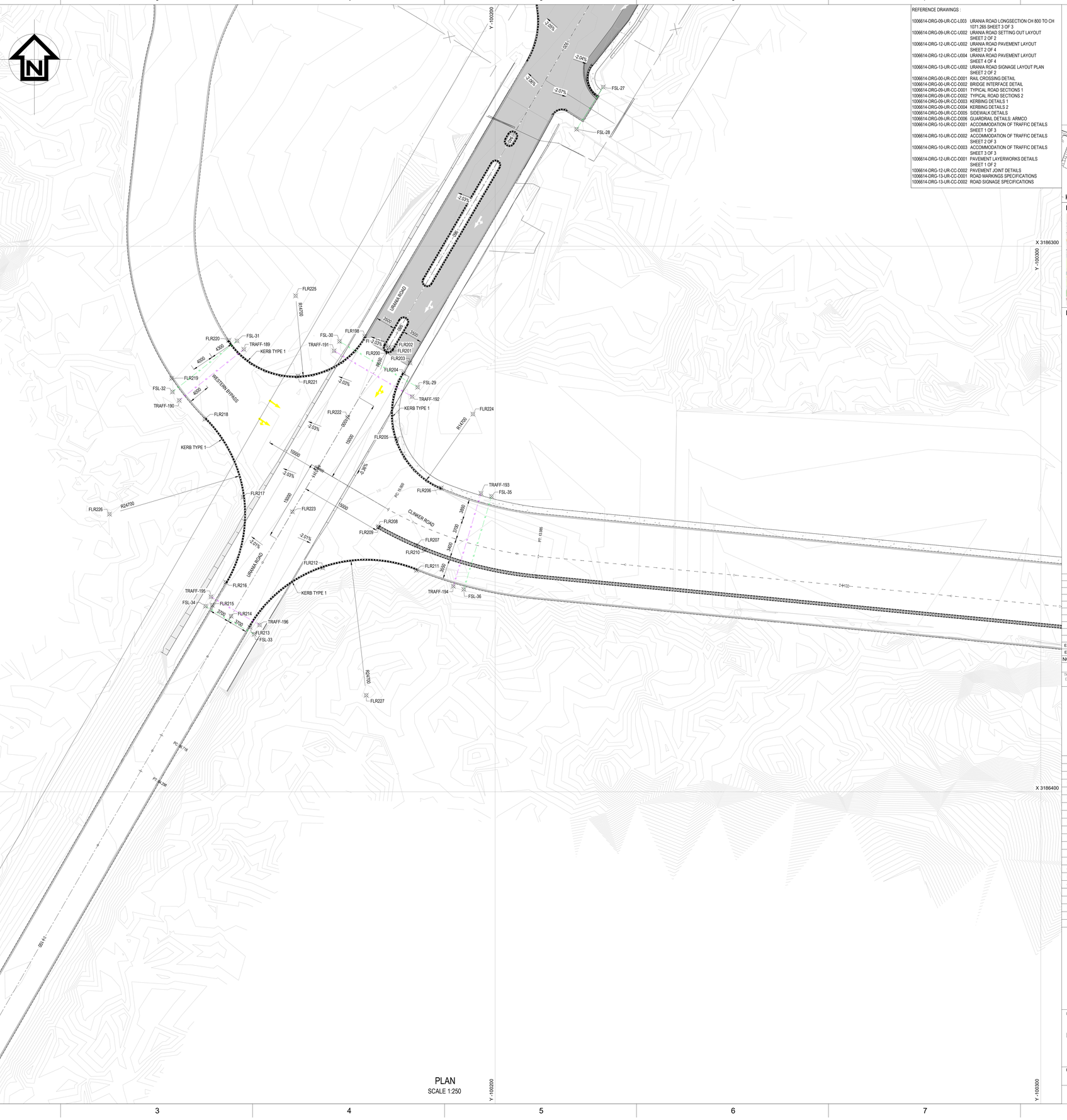
POINT	Y	X	LEVEL(m)
FLR170	-100240.022	3186216.950	5.841
FLR171	-100246.665	3186220.843	5.995
FLR172	-100236.571	3186214.928	5.761
FLR173	-100221.455	3186226.350	5.750
FLR174	-100202.694	3186223.704	5.509
FLR175	-100197.896	3186232.246	5.480
FLR176	-100222.581	3186246.711	5.723
FLR177	-100229.224	3186250.605	5.670
FLR178	-100192.960	3186241.034	5.500
FLR179	-100200.998	3186246.218	5.550
FLR180	-100207.329	3186255.164	5.752
FLR181	-100205.712	3186266.003	5.668
FLR182	-100193.029	3186258.571	5.750
FLR183	-100202.650	3186271.229	5.696
FLR184	-100206.791	3186273.655	5.792
FLR185	-100210.732	3186275.965	5.701
FLR186	-100211.796	3186275.134	5.691
FLR187	-100213.130	3186275.341	5.686
FLR188	-100212.224	3186276.757	5.699
FLR189	-100216.135	3186277.234	5.763
FLR190	-100219.094	3186272.465	5.662
FLR191	-100217.187	3186269.948	5.639
FLR192	-100217.918	3186266.875	5.620
FLR193	-100224.551	3186258.579	5.564
FLR194	-100221.234	3186262.727	5.588
FLR195	-100237.119	3186237.133	5.925
FLR196	-100220.808	3186269.186	5.561
FLR197	-100215.260	3186202.439	5.500

SLEEVES SETTING OUT POINT

POINT	Y	X
FSL29	-100185.794	3186325.828
FSL30	-100177.480	3186317.440
FSL31	-100152.699	3186317.329
FSL32	-100140.862	3186326.687
FSL33	-100155.834	3186371.139
FSL34	-100146.922	3186365.977
FSL35	-100199.320	3186345.838
FSL36	-100194.254	3186362.900

TRAFFIC SIGNAL SLEEVE SETTING OUT POINTS

POINT	Y	X
TRAFF189	-100153.939	3186318.898
TRAFF190	-100142.102	3186328.256
TRAFF191	-100170.469	3186319.165
TRAFF192	-100184.783	3186327.554
TRAFF193	-100197.403	3186345.269
TRAFF194	-100192.337	3186362.331
TRAFF195	-100147.924	3186364.246
TRAFF196	-100156.837	3186369.408



PLAN
SCALE 1:250

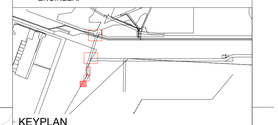
REFERENCE DRAWINGS :

1006614-DRG-09-UR-CC-L003	URANIA ROAD LONGSECTION CH 800 TO CH 1071.265 SHEET 3 OF 3
1006614-DRG-09-UR-CC-U002	URANIA ROAD SETTING OUT LAYOUT SHEET 2 OF 2
1006614-DRG-12-UR-CC-U002	URANIA ROAD PAVEMENT LAYOUT SHEET 2 OF 4
1006614-DRG-12-UR-CC-U004	URANIA ROAD PAVEMENT LAYOUT SHEET 4 OF 4
1006614-DRG-13-UR-CC-U002	URANIA ROAD SIGNAGE LAYOUT PLAN SHEET 2 OF 2
1006614-DRG-00-UR-CC-D001	RAIL CROSSING DETAIL
1006614-DRG-00-UR-CC-D002	BRIDGE INTERFACE DETAIL
1006614-DRG-09-UR-CC-D001	TYPICAL ROAD SECTIONS 1
1006614-DRG-09-UR-CC-D002	TYPICAL ROAD SECTIONS 2
1006614-DRG-09-UR-CC-D003	KERBING DETAILS 1
1006614-DRG-09-UR-CC-D004	KERBING DETAILS 2
1006614-DRG-09-UR-CC-D005	SIDEWALK DETAILS
1006614-DRG-09-UR-CC-D006	GUARDRAIL DETAILS: ARMCO
1006614-DRG-10-UR-CC-D001	ACCOMMODATION OF TRAFFIC DETAILS SHEET 1 OF 3
1006614-DRG-10-UR-CC-D002	ACCOMMODATION OF TRAFFIC DETAILS SHEET 2 OF 3
1006614-DRG-10-UR-CC-D003	ACCOMMODATION OF TRAFFIC DETAILS SHEET 3 OF 3
1006614-DRG-12-UR-CC-D001	PAVEMENT LAYERWORKS DETAILS SHEET 1 OF 2
1006614-DRG-12-UR-CC-D002	PAVEMENT JOINT DETAILS
1006614-DRG-13-UR-CC-D001	ROAD MARKINGS SPECIFICATIONS
1006614-DRG-13-UR-CC-D002	ROAD SIGNAGE SPECIFICATIONS

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	201270225	
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	0.215277778

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)
SETTING OUT PLAN : URANIA / CLINKER
SHEET 5 OF 5

PAPER SIZE	TRANSNET DRW. NO.	REV.
A0	TBC	E2
	PROJECT DRG. NO.	REV.
	1006614-DRG-09-UR-CC-I005	T2