ROAD MARKINGS PLAN
SCALE 1:500

ROAD SIGNAGE PLAN
SCALE 1:500

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
	EXISTING ROAD
	PROPOSED ROAD
	PROPOSED SIDEWALK/MEDIAN
	PROPOSED SPEED HUMP
	EXISTING BOOM GATE
	PROPOSED BOOM GATE
	RED-RED ROAD STUDS
	RED-YELLOW ROAD STUDS
	DURA-POST DELINEATOR
WM2.3	MARKING NUMBER
200mm	MARKING WIDTH
WHITE	MARKING COLOUR
2m / 2m	LINE - GAP RATIO
L = 1m	LENGTH OF LINE

REFERENCE DRAWINGS

1006614-DRG-09-UR-CC-U002	COORDINATES AND SETTING OUT PLAN 2
1006614-DRG-09-UR-CC-I002	SETTING OUT PLAN: URANIA/NEWARK
1006614-DRG-09-UR-CC-I003	SETTING OUT PLAN: URANIA/PIONEER ACCESS
1006614-DRG-09-UR-CC-I004	SETTING OUT PLAN: URANIA/TRUCK STOP ACCESS
1006614-DRG-09-UR-CC-I005	SETTING OUT PLAN: URANIA/CLINKER
1006614-DRG-09-UR-CC-L002	LONG SECTION PLAN: URANIA ROAD CH 400 TO CH 800
1006614-DRG-09-UR-CC-L003	LONG SECTION PLAN: URANIA ROAD CH 800 TO CH 1071.265
1006614-DRG-13-UR-CC-D001	ROAD MARKING SPECIFICATIONS
1006614-DRG-13-UR-CC-D002	ROAD SIGNAGE SPECIFICATIONS

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	F. ALLATT		18 07 25
CHECKED	C. LINDE		18 07 25
DESIGNED	R. RANGE		18 07 25
CHECKED	C. LINDE		18 07 25

PR.ENG. / PR.TECH./PR. ARCH

NAME	H. VAN DER MERWE	DATE
SIGNATURE		18 07 25
REG. NUMBER	20127022S	
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	0.388888889	

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)
URANIA ROAD SIGNAGE LAYOUT PLAN
SHEET 2 OF 2

PAPER SIZE	TRANSNET DRW. NO.	REV.
A0	TBC	E2
	PROJECT DRG. NO.	REV.
	1006614-DRG-13-UR-CC-U002	T2

MARKING	COLOUR	LAYOUT	QUANT.
BIFURCATION ARROWS GM3	WHITE	GM3.1 GM3.3	GM3.1 = 1 GM3.3 = 1
STOP MARKING GM7	WHITE	STOP	2
BUS STOP RM7.1 - B	YELLOW	B	0
TAXI STOP RM7.1 - T	YELLOW	T	0
RAILWAY CROSSING AHEAD WM1	WHITE		3
YIELD CONTROL AHEAD WM5	WHITE		1
LANE REDUCTION ARROWS WM6	WHITE	WM6.1 WM6.4	WM6.1 = 2 WM6.4 = 0

MARKING	COLOUR	LAYOUT	QUANT.
MANDATORY DIRECTION ARROWS WM7/RM8	WHITE/ YELLOW	X.1 X.2 X.3 X.4 X.5 X.6	WM7.1 = 0 WM7.2 = 2 WM7.3 = 2 WM7.4 = 0 WM7.5 = 0 WM7.6 = 0 RM8.1 = 2 RM8.2 = 0 RM8.3 = 3 RM8.4 = 0 RM8.5 = 2 RM8.6 = 0

REF.	DESCRIPTION	SIGN	DIMENSIONS	QUANT.
W413	GORE PLATE		40 km/h S = 600 B = 350	1
W416	SPEED HUMP ON RIGHT		40 km/h S = 600 B = 300	2
W417	SPEED HUMP ON LEFT		40 km/h S = 600 B = 300	2

REF.	DESCRIPTION	SIGN	DIMENSIONS	QUANT.
W302	TRAFFIC CONTROL "STOP" AHEAD	STOP	40 km/h S = 600	1
W318	RAILWAY CROSSING		40 km/h S = 600	2
W332	SPEED HUMPS		40 km/h S = 600	2
W401	DANGER ON RIGHT		40 km/h S = 600 B = 150	2
W402	DANGER ON LEFT		40 km/h S = 600 B = 150	8
W409	T-JUNCTION CHEVRON		40 km/h W = 3600	2

REF.	DESCRIPTION	SIGN	DIMENSIONS	QUANT.
R1/ FRD/ W404 COMB.	STOP/ FLASHING RED DISC/ RAILWAY CROSSING COMBINATION	STOP	40 km/h S = 600 D = 800	2
R2.1	YIELD TO PEDESTRIANS		40 km/h S = 600 H = 300 B = 225	1
R103	KEEP LEFT		40 km/h Ø = 600	3
W117	END OF DUAL ROADWAY ON RIGHT		40 km/h S = 600	1
W119	BEGINNING OF DUAL ROADWAY ON RIGHT		40 km/h S = 600	1
W215	LANE ENDS ON LEFT		40 km/h S = 600	1
W301	TRAFFIC SIGNAL AHEAD		40 km/h S = 600	2

TYPE	LINE/GAP	THICKNESS	COLOUR	LENGTH
RM1	SOLID LINE	100mm	WHITE	52m
RM3	SOLID LINE	100mm	WHITE	9m
RM3	SOLID LINE	200mm	WHITE	18m
RTM1	SOLID LINE	300mm	WHITE	54.1m
RTM2	0.6m/0.3m	300mm	WHITE	5m
RTM3	SOLID LINE	100mm	WHITE	34m
RTM4	0.6m/0.6m	2.4m	WHITE	5.3m
GM1.1	1.5m/7.5m	100mm	WHITE	246.2m
GM1.2	1.5m/3m	100mm	WHITE	20.7m
GM1.3	1.5m/1.5m	100mm	WHITE	18m
WM2.1	1.5m/7.5m	200mm	WHITE	0m
WM2.2	1.5m/3m	200mm	WHITE	0m
WM2.3	1.5m/1.5m	200mm	WHITE	39.6m
WM3	3m/6m	300mm	WHITE	333.1m
RM4.1	SOLID LINE	150mm	YELLOW	44.1m
RM4.2	SOLID LINE	150mm	WHITE	109m
GM8	0.6m/0.6m	250mm	BLACK/WHITE	322.1m