COORDINATES		
POINT	Y	X
W72	-100945.292	3185951.662
W73	-100945.072	3185961.458
W74	-100947.137	3186009.885
W75	-100946.912	3186016.078
W76	-100946.892	3186027.384
W77	-100946.487	3186086.428
W78	-100946.412	3186102.762
W79	-100946.498	3186123.271
W80	-100946.567	3186128.495
W81	-100946.773	3186144.029
W82	-100947.212	3186177.335
W83	-100947.182	3186182.880
W84	-100947.257	3186192.815
W85	-100947.235	3186196.815
W86	-100947.123	3186216.272
W87	-100947.067	3186226.175
W88	-100946.956	3186270.811
W89	-100947.076	3186286.411

CENTRAL STORES

WORKSHOP

uMHLATHUZI CENTRE

MZINGAZI CENTRE

FOSKOR LIMITED LEASE SITE

TANK

TANK 3

CLINIC BULDING

MECHANICAL WORKSHOP

SHOP 5

IMHLA CENTRE

GORDON ROAD

OFFICE SUBSTATION

REMAINDR OF ERF 223 UMHLATUZI No. 16232

BAYVUE CENTRE OFFICES

KITCHEN & CANTEEN

B87/138

VENTURA CLINIC

NPA FIRE BRIGADE

B87/137

WORKSHOP SUBSTATION

BIBLIA

GIRAFFE CURIOS

S.A.B.S

EMPLOYEE CARE CENTRE

PORTION 21 OF ERF 5333

ARCELOR MITTAL

BOLORE LOGISTICS

RADDS PORT OPERATIONS

RADDS PARKING YARD

VACANT LEASE SITE

LEASE SITE

P & O SA PTY (LTD)

MOOR ROAD

EXISTING PIPE TO BE ENCASED IN CONCRETE AS PROPOSED.

POSSIBLE PIPE CROSSING IN THIS AREA. PIPE TO BE EXPOSED AND ENCASED IN CONCRETE.

PLAN LAYOUT 1:
CH0 - CH460
SCALE 1:500

COORDINATES		
POINT	Y	X
W93	-100943.281	3186396.541
W94	-100952.045	3186396.541
W95	-100952.045	3186447.703

REFERENCE DRAWINGS :
1006614-ORG-09-VT-CC-L002 VENTURA ROAD LONGSECTION: CH400 - CH601.066

S.A.B.S

PT: 43.222

PC: 31.743

NEW PIPE TO BE LAID IN NEW POSITION AS PROPOSED.

250mmØ

CONNECTION TO EXISTING PIPE

EXISTING PIPE TO BE REMOVED. PIPE CLASHES WITH NEW ROADWAY.

PLAN LAYOUT 2:
CH460 - CH601.066
SCALE 1:500

REFERENCE DRAWINGS :
1006614-ORG-09-VT-CC-L001 VENTURA ROAD LONGSECTION: CH0 - CH400

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
	EXISTING WATER
	EXISTING WATER CHAMBER
	EXISTING WATER MANHOLE
	PROPOSED CONCRETE ENCASEMENT
	PROPOSED WATER RELOCATION
	EXISTING PIPE TO BE REMOVED
	PROPOSED WATER CHAMBER
	POINT OF SERVICES CROSSING

REFERENCE DRAWINGS

1006614-DRG-20-VT-CC-D001	WATER BEDDING DETAILS
1006614-DRG-20-VT-CC-D002	WATER VALVE BOX AND MARKER BLOCK DETAILS
1006614-DRG-20-VT-CC-D003	WATER FITTING SCHEDULE
1006614-DRG-20-VT-CC-D004	WATER THRUST BLOCK DETAILS

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	I. SEBOLA		18 07 25
CHECKED	H. VAN DER MERWE		18 07 25
DESIGNED	I. SEBOLA		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	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	1:500	

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)
SERVICES RELOCATION AND PROTECTION
PLAN - WATER SHEET 1 OF 1

PAPER SIZE	TRANSNET DRW. NO.	REV.
A0	TBC	E2
	PROJECT DRG. NO.	REV.
	1006614-DRG-20-VT-CC-U001	T2