COORDINATES		
POINT	Y	X
W46	-102800.866	3185879.345
W47	-102801.085	3185881.410
W48	-102801.158	3185882.087
W49	-102802.039	3185890.365
W50	-102802.524	3185898.367

REFERENCE DRAWINGS :

1006614-DRG-09-NW-CC-L007 NEWWARK ROAD LONGSECTION: CH2400 - CH2800
1006614-DRG-20-NW-CC-D003 WATER FITTING SCHEDULE
1006614-DRG-20-NW-CC-D002 WATER VALVE BOX AND MARKER BLOCK DETAILS
1006614-DRG-20-NW-CC-D001 WATER THRUST BLOCK DETAILS
1006614-DRG-20-NW-CC-D001 WATER BEDDING DETAILS

COORDINATES		
POINT	Y	X
W51	-103766.377	3185818.798
W52	-103766.343	3185819.735
W53	-103765.297	3185829.873
W54	-103765.297	3185830.205

REFERENCE DRAWINGS :

1006614-DRG-09-NW-CC-L009 NEWWARK ROAD LONGSECTION: CH3200 - CH3600
1006614-DRG-09-NW-CC-L010 NEWWARK ROAD LONGSECTION: CH3600 - CH4000
1006614-DRG-20-NW-CC-D001 WATER BEDDING DETAILS

PORTION 21 OF ERF 5333

SEWER AND ELECT CABLE SERVITUDE

NT SITE

SGS COMMERCIAL LABORATORY

ARXO LOGISTICS

LEASE AREA 1 SG
212/2000

EXISTING FIRE HYDRANT TO BE REMOVED.
NEW FIRE HYDRANT TO BE PLACED AT NEW POSITION.

CONNECTION TO EXISTING PIPE

EXISTING PIPE TO BE ENCASED IN CONCRETE AS PROPOSED.

Ø300MM WL 1.30m

Ø300MM WL 1.20m

UNKNOWN SERVICING ENDPOINT CLASHES WITH STORMWATER CHANNEL.

PETINGO LINK ROAD

LIQUID PITCH SUBSTATION

HILLSIDE LIQUID PITCH:
TANK FARM

REMAINDR OF ERF 223
UMHLATUZI No. 16232

PLAN LAYOUT 6:
CH2440 - CH2760
SCALE 1:500

CONTROL CABIN

WATER MH
CL:6.23
IL:LOCKED

WATER MH
CL:4.82
IL:3.97

WDP

WL 1.50m

EXISTING PIPE TO BE ENCASED IN CONCRETE AS PROPOSED.

WATER MH
CL:5.65
IL:2.99

Ø300MM WL 0.90m PVC

WATER MH
CL:4.90
IL:3.32

EFFLUENT TANK?

PLAN LAYOUT 7:
CH3450 - CH3660
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
	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

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	20127021 3	
TITLE	Pr. Tech/ENG	

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 AFIRCA

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 2 OF 2

PAPER SIZE	TRANSNET DRW. NO.	REV.
A0	TBC	E2
	PROJECT DRG. NO.	REV.
	1006614-DRG-20-NW-CC-U002	T2