GENERAL

1006614-DRG-00-VT-CC-D001	SHEET 1 OF 1	COVER PAGE
1006614-DRG-00-VT-CC-D002	SHEET 1 OF 1	DRAWING INDEX
1006614-DRG-00-VT-CC-D003	SHEET 1 OF 1	GENERAL NOTES 1
1006614-DRG-00-VT-CC-D004	SHEET 1 OF 1	GENERAL NOTES 2
1006614-DRG-00-VT-CC-D005	SHEET 1 OF 1	CONSTRUCTION SEQUENCE
1006614-DRG-00-VT-CC-U001	SHEET 1 OF 3	VENTURA ROAD LAYOUT KEY PLAN
1006614-DRG-00-VT-CC-U002	SHEET 2 OF 3	VENTURA ROAD LONG SECTION KEY PLAN
1006614-DRG-00-VT-CC-U003	SHEET 3 OF 3	VENTURA ROAD INTERSECTION KEY PLAN
1006614-DRG-01-VT-CC-U001	SHEET 1 OF 1	SURVEY AND BENCHMARKS

ROAD PLANS

1006614-DRG-08-VT-CC-U001	SHEET 1 OF 2	VENTURA ROAD SETTING OUT LAYOUT
1006614-DRG-08-VT-CC-U002	SHEET 2 OF 2	VENTURA ROAD SETTING OUT LAYOUT
1006614-DRG-10-VT-CC-U001	SHEET 1 OF 6	ACCOMMODATION OF TRAFFIC PLAN
1006614-DRG-10-VT-CC-U002	SHEET 2 OF 6	ACCOMMODATION OF TRAFFIC PLAN
1006614-DRG-10-VT-CC-U003	SHEET 3 OF 6	ACCOMMODATION OF TRAFFIC PLAN
1006614-DRG-10-VT-CC-U004	SHEET 4 OF 6	ACCOMMODATION OF TRAFFIC PLAN
1006614-DRG-10-VT-CC-U005	SHEET 5 OF 6	ACCOMMODATION OF TRAFFIC PLAN
1006614-DRG-10-VT-CC-U006	SHEET 6 OF 6	ACCOMMODATION OF TRAFFIC PLAN
1006614-DRG-12-VT-CC-U001	SHEET 1 OF 4	JOINT LAYOUT PLAN 1
1006614-DRG-12-VT-CC-U002	SHEET 2 OF 4	JOINT LAYOUT PLAN 2
1006614-DRG-12-VT-CC-U001	SHEET 3 OF 4	PAVEMENT LAYOUT PLAN 1
1006614-DRG-12-VT-CC-U002	SHEET 4 OF 4	PAVEMENT LAYOUT PLAN 2
1006614-DRG-13-VT-CC-U001	SHEET 1 OF 2	VENTURA ROAD SIGNAGE LAYOUT PLAN

SECTIONS

1006614-DRG-09-VT-CC-L001	SHEET 1 OF 2	VENTURA ROAD LONG SECTION: CH 0 - CH 400
1006614-DRG-09-VT-CC-L002	SHEET 2 OF 2	VENTURA ROAD LONG SECTION: CH 400 - CH 601.066
1006614-DRG-09-VT-CC-X001	SHEET 1 OF 2	CROSS SECTIONS: CH0.000 - CH460
1006614-DRG-09-VT-CC-X002	SHEET 2 OF 2	CROSS SECTIONS: CH480 - CH601

ROAD DETAILS

1006614-DRG-00-VT-CC-D001	SHEET 1 OF 1	RAIL CROSSING DETAIL
1006614-DRG-02-VT-CC-D001	SHEET 1 OF 2	TYPICAL FENCING & GATE DETAILS 1
1006614-DRG-08-VT-CC-D001	SHEET 1 OF 7	TYPICAL ROAD SECTIONS 1
1006614-DRG-08-VT-CC-D002	SHEET 2 OF 7	TYPICAL ROAD SECTIONS 2
1006614-DRG-08-VT-CC-D003	SHEET 3 OF 7	KERBING DETAILS 1
1006614-DRG-08-VT-CC-D004	SHEET 4 OF 7	KERBING DETAILS 2
1006614-DRG-08-VT-CC-D005	SHEET 5 OF 7	SIDEWALK DETAILS
1006614-DRG-08-VT-CC-D006	SHEET 6 OF 7	GUARDRAIL DETAILS: ARMCO
1006614-DRG-08-VT-CC-D007	SHEET 7 OF 7	BALUSTRADE DETAILS
1006614-DRG-10-VT-CC-D001	SHEET 1 OF 2	ACCOMMODATION OF TRAFFIC DETAILS
1006614-DRG-10-VT-CC-D002	SHEET 2 OF 2	ACCOMMODATION OF TRAFFIC DETAILS
1006614-DRG-12-VT-CC-D001	SHEET 1 OF 2	PAVEMENT LAYERWORKS DETAILS
1006614-DRG-12-VT-CC-D002	SHEET 2 OF 2	PAVEMENT JOINT DETAILS
1006614-DRG-13-VT-CC-D001	SHEET 1 OF 4	ROAD MARKINGS SPECIFICATIONS
1006614-DRG-13-VT-CC-D002	SHEET 2 OF 4	ROAD SIGNAGE SPECIFICATIONS
1006614-DRG-13-VT-CC-D003	SHEET 3 OF 4	TRAFFIC LIGHTS DETAILS 1
1006614-DRG-13-VT-CC-D004	SHEET 4 OF 4	TRAFFIC LIGHTS DETAILS 2

INTERSECTIONS

1006614-DRG-09-VT-CC-I001	SHEET 1 OF 4	SETTING OUT PLAN: VENTURA/ NEWARK ROAD
1006614-DRG-09-VT-CC-I002	SHEET 2 OF 4	SETTING OUT PLAN: VENTURA / BAYVUE TO VENTURA CLINIC INTERSECTIONS
1006614-DRG-09-VT-CC-I003	SHEET 3 OF 4	SETTING OUT PLAN: VENTURA/ CLINIC TO CLINKER INTERSECTIONS
1006614-DRG-09-VT-CC-I004	SHEET 4 OF 4	SETTING OUT PLAN: VENTURA/ NORTHMOOR SOUTH

STORMWATER DETAILS

1006614-DRG-14-VT-CC-D001	SHEET 1 OF 7	ROAD DRAINAGE: GRID INLET DETAILS
1006614-DRG-14-VT-CC-D002	SHEET 2 OF 7	ROAD DRAINAGE: JUNCTION BOX DETAILS 1
1006614-DRG-14-VT-CC-D003	SHEET 3 OF 7	ROAD DRAINAGE: JUNCTION BOX DETAILS 2
1006614-DRG-14-VT-CC-D004	SHEET 4 OF 7	ROAD DRAINAGE: PIPE TRENCHING DETAILS
1006614-DRG-14-VT-CC-D005	SHEET 5 OF 7	ROAD DRAINAGE: CHANNEL DETAILS
1006614-DRG-14-VT-CC-D006	SHEET 6 OF 7	ROAD DRAINAGE: SILT TRAP DETAILS - TYPE 1
1006614-DRG-14-VT-CC-D007	SHEET 7 OF 7	ROAD DRAINAGE: SUBSOIL DRAINAGE DETAILS

AFFECTED SERVICES

1006614-DRG-20-VT-CC-U001	SHEET 1 OF 2	SERVICES RELOCATION AND PROTECTION PLAN - WATER
1006614-DRG-20-VT-CC-U002	SHEET 2 OF 2	SERVICES RELOCATION AND PROTECTION PLAN - WATER
1006614-DRG-20-VT-CC-U003	SHEET 1 OF 1	SERVICES RELOCATION AND PROTECTION PLAN - SEWER
1006614-DRG-20-VT-CC-U004	SHEET 1 OF 1	SERVICES RELOCATION AND PROTECTION PLAN - FENCE
1006614-DRG-20-VT-CC-U005	SHEET 1 OF 2	SERVICES RELOCATION AND PROTECTION PLAN - ELECTRICAL AND DATA
1006614-DRG-20-VT-CC-U006	SHEET 2 OF 2	SERVICES RELOCATION AND PROTECTION PLAN - ELECTRICAL AND DATA

AFFECTED SERVICES DETAILS

1006614-DRG-20-VT-CC-D001	SHEET 1 OF 6	WATER BEDDING DETAILS
1006614-DRG-20-VT-CC-D002	SHEET 2 OF 6	WATER VALVE BOX AND MARKER BLOCK DETAILS
1006614-DRG-20-VT-CC-D003	SHEET 3 OF 6	WATER FITTING SCVHUDULE
1006614-DRG-20-VT-CC-D004	SHEET 4 OF 6	WATER THRUST BLOCK DETAILS
1006614-DRG-20-VT-CC-D005	SHEET 5 OF 6	SEWER BEDDING DETAILS
1006614-DRG-20-VT-CC-D006	SHEET 6 OF 6	SERVICE DUCT TYPICAL 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.

LOCALITY



LEGEND

SYMBOL	DESCRIPTION

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	N.T.S.

TRANSNET

Transnet National Ports Authority

TRANSNET SOC Ltd : REG No. 1990/000900/30
NEWARK ROAD
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PROJECT / AREA / ASSET / SUBJECT/DRAWING TITLE

PORT OF RICHARDS BAY

PORT ROADS REHABILITATION & UPGRADE
(REPAIRS TO PORT ROADS)
DRAWING INDEX

PAPER SIZE	TRANSNET DRW. NO.	REV.
A0	TBC	E2
	PROJECT DRG. NO.	REV.
	1006614-DRG-00-VT-CC-D002	T2