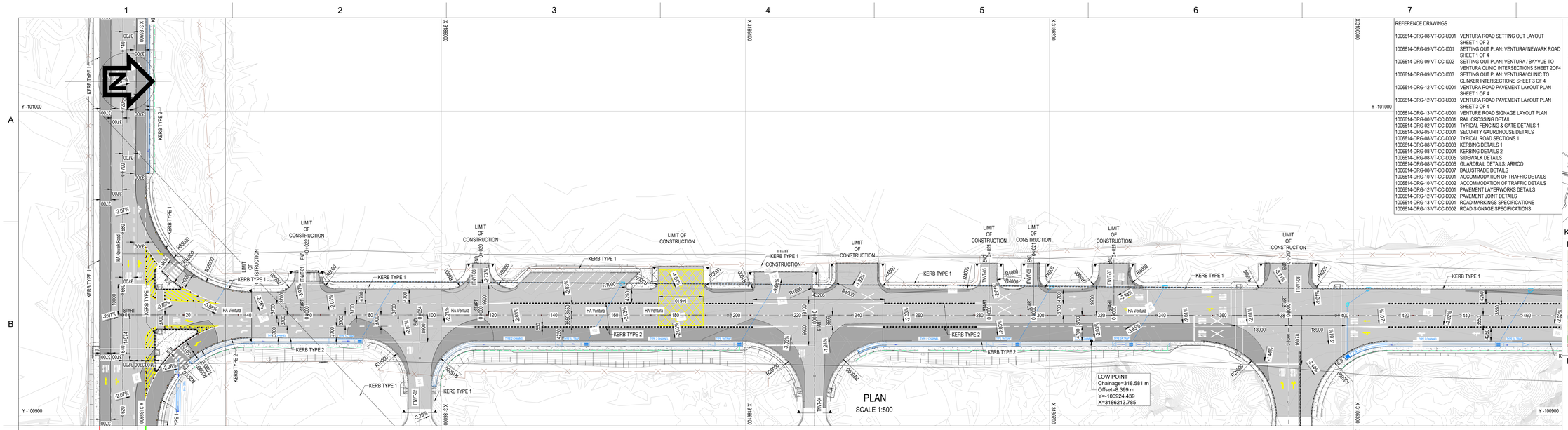
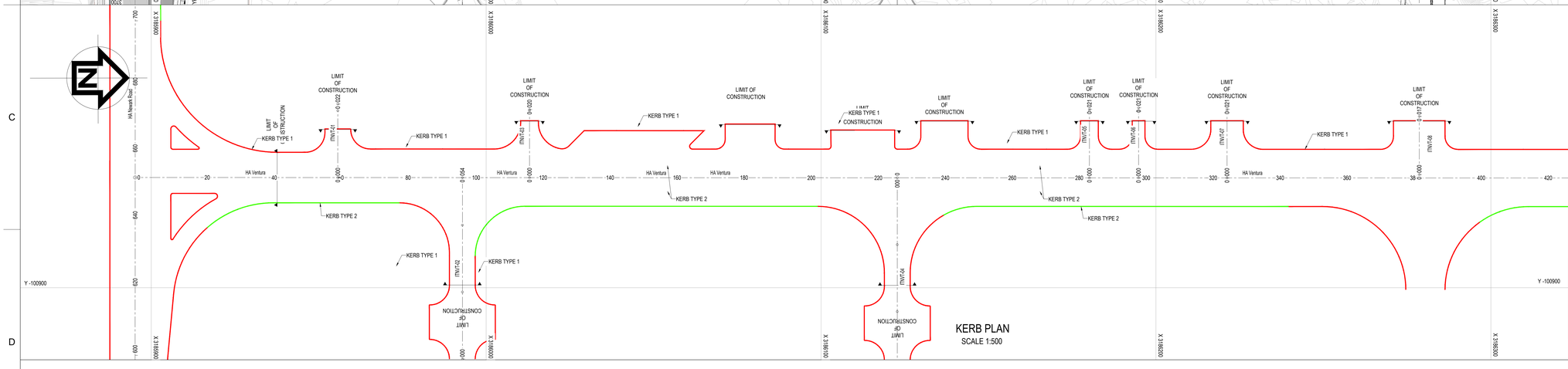
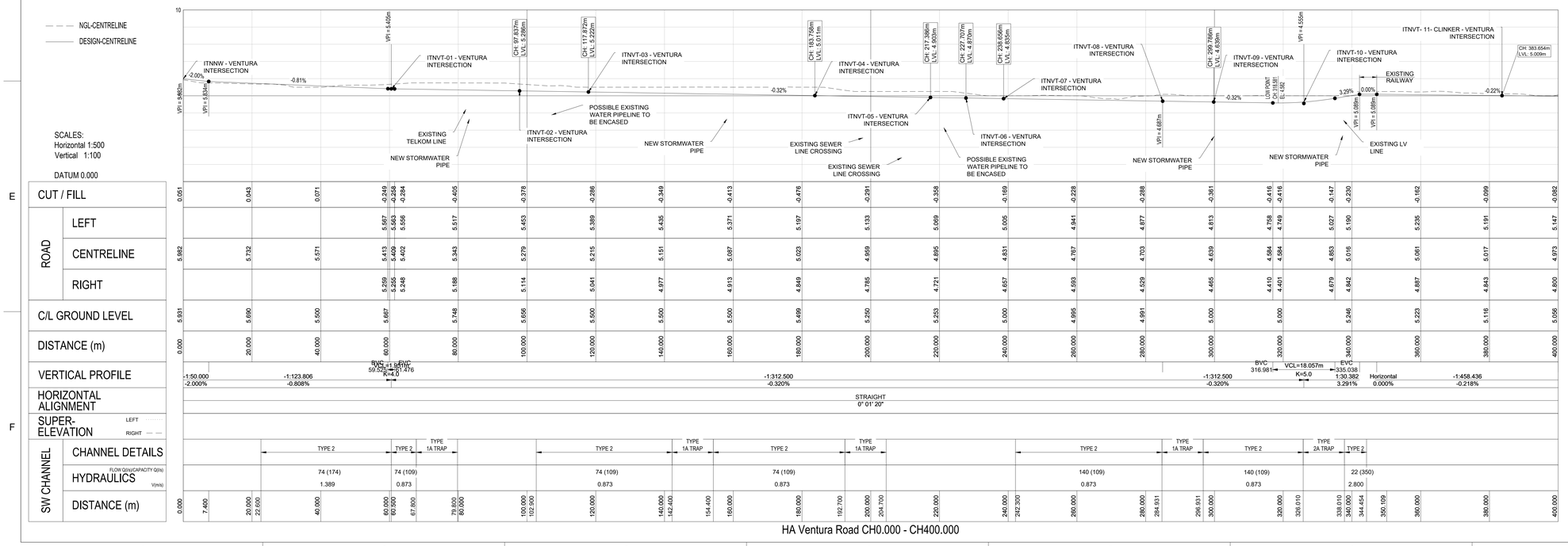






REFERENCE DRAWINGS :

1006614-ORG-08-VT-CC-U001	VENTURA ROAD SETTING OUT LAYOUT SHEET 1 OF 2
1006614-ORG-09-VT-CC-I001	SETTING OUT PLAN: VENTURA/ NEWARK ROAD SHEET 1 OF 4
1006614-ORG-09-VT-CC-I002	SETTING OUT PLAN: VENTURA / BAYYUE TO VENTURA CLINIC INTERSECTIONS SHEET 2OF4
1006614-ORG-09-VT-CC-I003	SETTING OUT PLAN: VENTURA/ CLINIC TO CLINKER INTERSECTIONS SHEET 3 OF 4
1006614-ORG-12-VT-CC-U001	VENTURA ROAD PAVEMENT LAYOUT PLAN SHEET 1 OF 4
1006614-ORG-12-VT-CC-U003	VENTURA ROAD PAVEMENT LAYOUT PLAN SHEET 3 OF 4
1006614-ORG-13-VT-CC-U001	VENTURE ROAD SIGNAGE LAYOUT PLAN
1006614-ORG-00-VT-CC-D001	RAIL CROSSING DETAIL
1006614-ORG-02-VT-CC-D001	TYPICAL FENCING & GATE DETAILS 1
1006614-ORG-05-VT-CC-D001	SECURITY GAURDHOUSE DETAILS
1006614-ORG-08-VT-CC-D002	TYPICAL ROAD SECTIONS 1
1006614-ORG-08-VT-CC-D003	KERBING DETALS 1
1006614-ORG-08-VT-CC-D004	KERBING DETALS 2
1006614-ORG-08-VT-CC-D005	SIDEWALK DETAILS
1006614-ORG-08-VT-CC-D006	GUARDRAIL DETAILS: ARMCO
1006614-ORG-08-VT-CC-D007	BALUSTRADE DETAILS
1006614-ORG-10-VT-CC-D001	ACCOMMODATION OF TRAFFIC DETAILS
1006614-ORG-10-VT-CC-D002	ACCOMMODATION OF TRAFFIC DETAILS
1006614-ORG-12-VT-CC-D001	PAVEMENT LAYERWORKS DETAILS
1006614-ORG-12-VT-CC-D002	PAVEMENT JOINT DETAILS
1006614-ORG-13-VT-CC-D001	ROAD MARKINGS SPECIFICATIONS
1006614-ORG-13-VT-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
FL####	FINAL LEVEL ROAD SETTING OUT POINT
TYPE 1 CHANNEL	STORMWATER CHANNEL TYPE 1
TYPE 2 CHANNEL	STORMWATER CHANNEL TYPE 2
TYPE 3 CHANNEL	STORMWATER CHANNEL TYPE 3
TYPE 4 CHANNEL	STORMWATER CHANNEL TYPE 4
TYPE 5 CHANNEL	STORMWATER CHANNEL TYPE 5
	STORMWATER JUNCTION BOX
	STORMWATER GRID INLET
	STORMWATER KERB INLET
TYPE 1A TRAP	STORMWATER TRAP TYPE 1A
TYPE 1B TRAP	STORMWATER TRAP TYPE 1B
TYPE 2A TRAP	STORMWATER TRAP TYPE 2A
	STORMWATER CHUTE
	KERB TYPE 1
	KERB TYPE 2
	KERB TYPE 3

SETTING OUT DATA-ITNVT-01

NAME	CH	X	Y	LENGTH (m)
START	0.000 21.963	3185955.707 3185955.708	-100932.935 -100954.898	21.963
END	0.000 21.963	3185955.707 3185955.708	-100932.935 -100954.898	21.963

SETTING OUT DATA-ITNVT-02

NAME	CH	X	Y	LENGTH (m)
START	0.000 54.218	3185992.918 3185992.918	-100878.703 -100932.921	54.218
END	0.000 54.218	3185992.918 3185992.918	-100878.703 -100932.921	54.218

SETTING OUT DATA-ITNVT-03

NAME	CH	X	Y	LENGTH (m)
START	0.000 20.358	3186012.948 3186012.948	-100932.914 -100953.272	20.358
END	0.000 20.358	3186012.948 3186012.948	-100932.914 -100953.272	20.358

SETTING OUT DATA-ITNVT-04

NAME	CH	X	Y	LENGTH (m)
START	0.000 61.207	3186122.755 3186122.755	-100932.872 -100871.665	61.207
END	0.000 61.207	3186122.755 3186122.755	-100932.872 -100871.665	61.207

SETTING OUT DATA-ITNVT-05

NAME	CH	X	Y	LENGTH (m)
START	0.000 20.509	3186180.129 3186180.137	-100932.850 -100953.360	20.509
END	0.000 20.509	3186180.129 3186180.137	-100932.850 -100953.360	20.509

SETTING OUT DATA-ITNVT-06

NAME	CH	X	Y	LENGTH (m)
START	0.000 20.959	3186194.809 3186194.817	-100932.844 -100953.803	20.959
END	0.000 20.959	3186194.809 3186194.817	-100932.844 -100953.803	20.959

SETTING OUT DATA-ITNVT-07

NAME	CH	X	Y	LENGTH (m)
START	0.000 20.525	3186221.217 3186221.227	-100932.835 -100953.360	20.525
END	0.000 20.525	3186221.217 3186221.227	-100932.835 -100953.360	20.525

SETTING OUT DATA-ITNVT-08

NAME	CH	X	Y	LENGTH (m)
START	0.000 17.406	3186278.624 3186278.624	-100933.814 -100951.220	17.406
END	0.000 17.406	3186278.624 3186278.624	-100933.814 -100951.220	17.406

SETTING OUT DATA-ITNVT-09

NAME	CH	X	Y	LENGTH (m)
START	0.000 25.000	3186414.078 3186414.083	-100932.762 -100957.762	25.000
END	0.000 25.000	3186414.078 3186414.083	-100932.762 -100957.762	25.000

SETTING OUT DATA-HA Ventura

NAME	CH	X	Y	LENGTH (m)
START	0.000 601.036	3185865.208 3186496.243	-100932.958 -100932.731	601.036
END	0.000 601.036	3185865.208 3186496.243	-100932.958 -100932.731	601.036

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	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 AFIRCA

PROJECT / AREA / ASSET / SUBJECT/DRAWING TITLE

PORT OF RICHARDS BAY

PORT ROADS REHABILITATION & UPGRADE
(REPAIRS TO PORT ROADS)
VENTURA ROAD LONG SECTION
CH 0 - CH 400 SHEET 1 OF 2

PAPER SIZE	TRANSNET DRW. NO.	REV.
A0	TBC	E2
PROJECT DRG. NO.		REV.
1006614-DRG-09-VT-CC-L001		T2