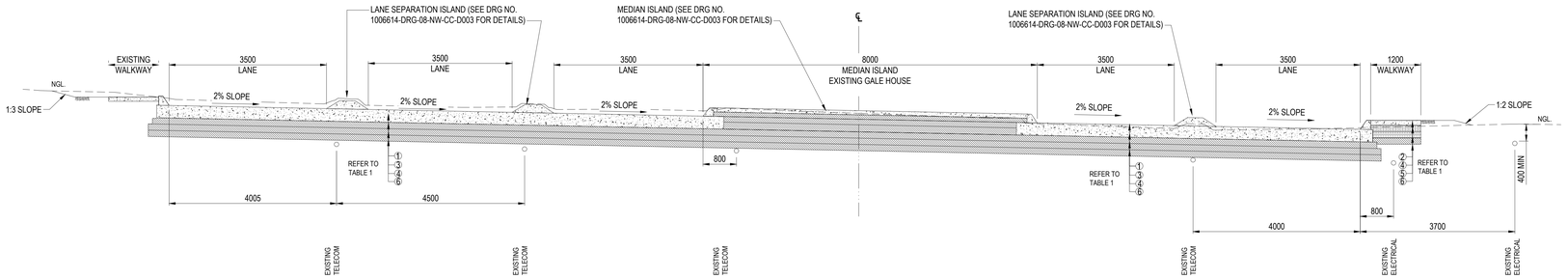


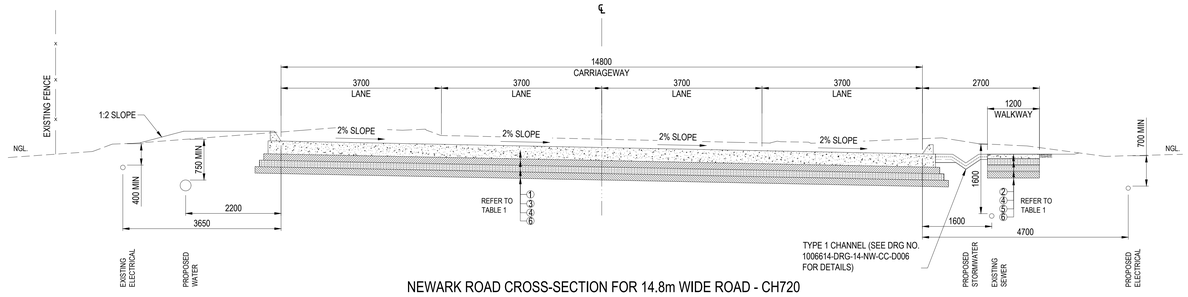
NEWARK ROAD CAMBER CROSS-SECTION (ROAD WIDTH VARIES) - CH60

SCALE 1:50



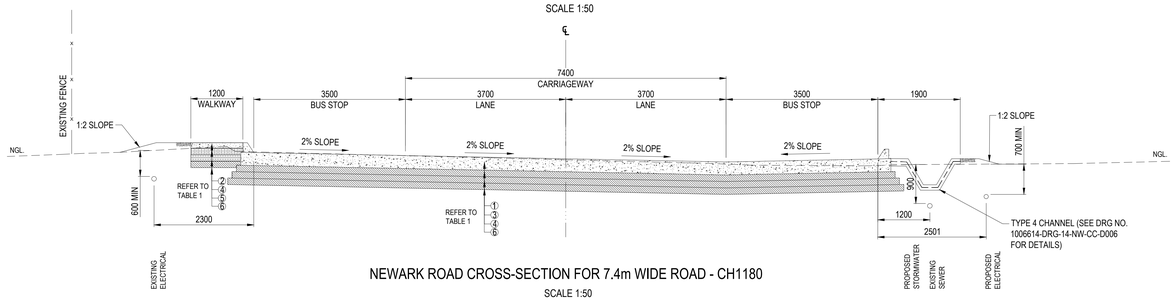
NEWARK ROAD CAMBER CROSS-SECTION (ROAD WIDTH VARIES) - CH240

SCALE 1:50



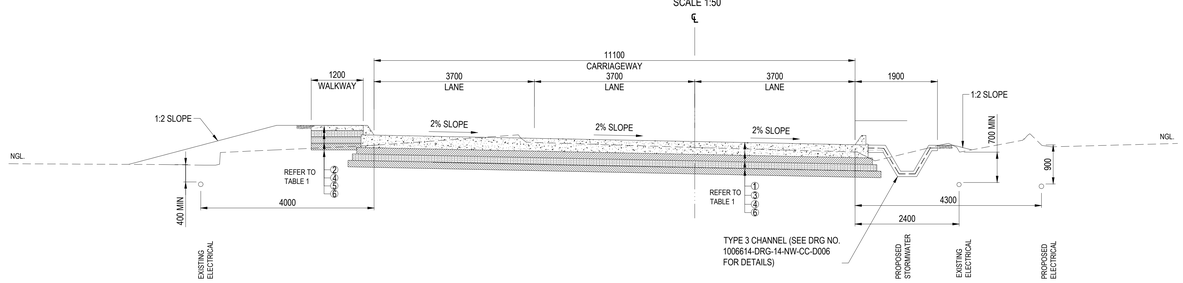
NEWARK ROAD CROSS-SECTION FOR 14.8m WIDE ROAD - CH720

SCALE 1:50



NEWARK ROAD CROSS-SECTION FOR 7.4m WIDE ROAD - CH1180

SCALE 1:50



NEWARK ROAD CROSS-SECTION FOR 11.1m WIDE ROAD - CH1440

SCALE 1:50

TABLE 1: DESCRIPTION OF PAVEMENT LAYERWORKS:

1	300mm PLAIN JOINTED CONCRETE PAVEMENT WITH 5.2 MPa FLEXURAL STRENGTH; 37.5mm NOMINAL COARSE AGGREGATE SIZE, MESH REF 500 WHERE REQUIRED; 20mm X 114mm X 114mm DIAMOND DOWELS @ 450mm SPACING; Y20 TIE-BARS WITH 900mm LENGTH @ 500mm SPACING; SURFACE TO HAVE BROOM TEXTURE FINISH; CURED USING A WHITE PIGMENTED RESIN-BASED SOLVENT.
2	100mm PLAIN JOINTED CONCRETE PAVEMENT WITH 30MPa COMPRESSIVE STRENGTH; 20mm NOMINAL COARSE AGGREGATE SIZE, MESH REF 193 WHERE REQUIRED; SURFACE TO HAVE WOOD FLOAT FINISH.
3	150mm LEAN MIX CONCRETE SUBBASE WITH 15 MPa COMPRESSIVE STENGTH; 20mm NOMINAL COARSE AGGREGATE SIZE, SURFACE TO HAVE A BULL FLOAT FINISH; CURED USING A WAX EMULSION.
4	150mm IMPORTED GRAVEL-SOIL MATERIAL (G7) COMPACTED TO 95% MODIFIED AASHTO DENSITY; CBR TO BE A MINIMUM OF 15% @ 93% MODIFIED AASHTO DENSITY.
5	VARIOUS FILL DEPTH OF IMPORTED GRAVEL-SOIL MATERIAL (G9) COMPACTED TO 93% MODIFIED AASHTO DENSITY; CBR TO BE A MINIMUM OF 7% @ 93% MODIFIED AASHTO DENSITY.
6	150mm RIP & RE-COMPACT IN-SITU GRAVEL-SOIL MATERIAL (G9) COMPACTED TO 93% MODIFIED AASHTO DENSITY; CBR TO BE A MINIMUM OF 7% @ 93% MODIFIED AASHTO DENSITY.

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	ML	HVDM	HVDM	18/07/2025
E1	FOR TENDER	ML	HVDM	HVDM	26/06/2025

REVISIONS

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ZUTARI
IMPACT. ENGINEERED.

CONTRACTOR / CONSULTANT

TITLE	NAME	SIGN	DATE
DRAWN	M. LUSUNZI		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	201270065	
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	AS SHOWN

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)
NEWARK
ROAD SECTION 1

PAPER SIZE	TRANSNET DRW. NO.	REV.
A0	TBC	E2
	PROJECT DRG. NO.	REV.
	1006614-DRG-08-NW-CC-D001	T2