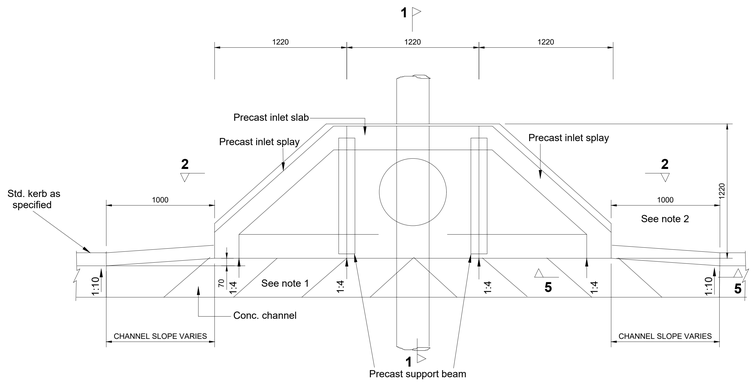
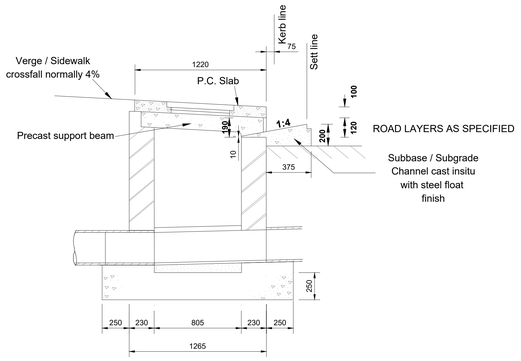
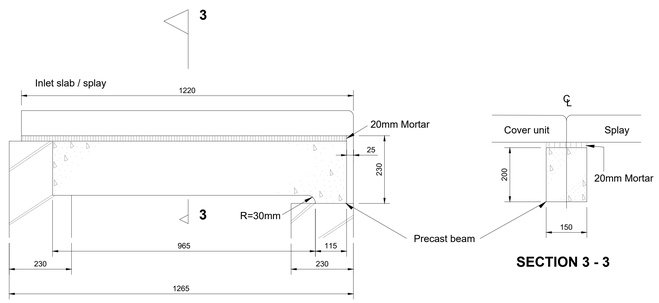


PLAN



SECTION 1 - 1



SECTION 3 - 3

BEAM POSITION DETAILS

SCALE 1:2.5

1) CATCHPIT FACE TO BE SET BACK 75mm FROM KERB LINE.

2) 1.0m TRANSITION FROM KERB LINE TO CATCHPIT LINE.

3) TYPE A BENCHING TO BE USED FOR S.W. ON CONTINUOUS PIPELINES. FOR S.W. INLETS LOCATED AT THE HEAD OF THE PIPELINE, THE BENCHING NEED ONLY BE DISHED AT A GRADE OF 1:10 TO THE OUTLET.

4) MAX. DEPTH OF INLET AFTER WHICH A MANHOLE TYPE STRUCTURE IS TO BE DETAILED.

Inlet Type	Max. depth (F.R.L. Invert)
S	2.0
D	3.0

5) THE IN-SITU GROUND MUST BE COMPACTED TO 95% Mod. A.A.S.H.T.O. PRIOR TO THE INLET BASE SLAB BEING CAST. IF THIS DENSITY CANNOT BE ATTAINED THE IN-SITU MATERIAL MUST BE REMOVED TO A DEPTH OF 300mm AND REPLACED WITH A SELECTED BACKFILL.

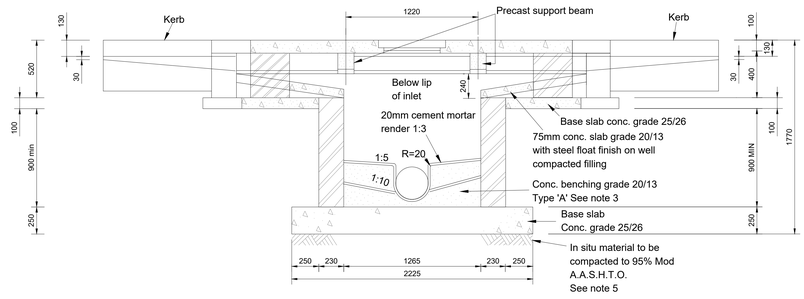
eThekiwni standards

6)

PRECAST CONCRETE UNIT	DRG.No.
Inlet cover support beam.	38854
Inlet slab.	38854
Plain inlet slab.	38854
Standard inlet splay.	38854
Light duty M.H. Cover.	38853

7) GUTTER LENGTHS:
IN ROADS WITHOUT FULL KERB AND CHANNEL, MINIMUM GUTTER LENGTHS OF 1.0m ARE TO BE PROVIDED ON BOTH UPSTREAM AND DOWNSTREAM SIDES, WHERE ADDITIONAL UPSTREAM LENGTHS ARE REQUIRED THIS WILL NOT BE INDICATED ON THE ROAD S.W. DRAWING.
UPSTREAM GUTTER LENGTHS SHALL NOT BE LESS THAN THE FOLLOWING :-

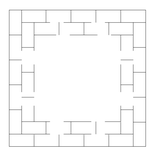
Road Grade	Upstream Gutter Length
0 - 2%	1 m
2 - 4%	2 m
4 - 6%	3 m
6 - 8%	4 m
> 8%	5 m



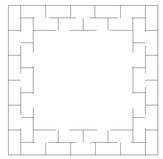
SECTION 2 - 2

TO BE USED FOR THE FOLLOWING INTERNAL DIMENSIONS.

805mm	920mm
1035mm	1150mm
1265mm	1380mm
1495mm	1610mm



PATTERN A



PATTERN B

BRICK LAYING PATTERNS

DOUBLE SPLAY SINGLE S.W. INLET TYPE "D3"

NTS

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

This Document including all design and information thereon is Confidential Intellectual Property of Transnet Copyright and all other rights are reserved by Transnet. This Document may only be used for its intended purpose.

ZUTARI
IMPACT. ENGINEERED.

CONTRACTOR / CONSULTANT

TITLE	NAME	SIGN	DATE
DRAWN	W. BOTES		18 07 25
CHECKED	H. VAN DER MERWE		18 07 25
DESIGNED	STANDARD DETAILS		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	201270199	
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 AFIRCA

PROJECT / AREA / ASSET / SUBJECT/DRAWING TITLE

PORT OF RICHARDS BAY
PORT ROADS REHABILITATION & UPGRADE
(REPAIRS TO PORT ROADS)
ROAD DRAINAGE
KERB INLET DETAILS

PAPER SIZE	TRANSNET DRW. NO.	REV.
A0	TBC	E2
	PROJECT DRG. NO.	REV.
	1006614-DRG-14-NW-CC-D001	T2