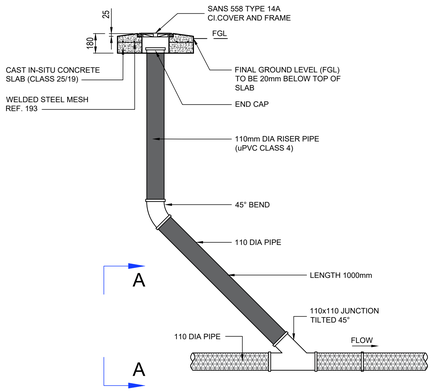
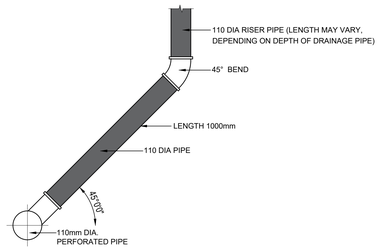
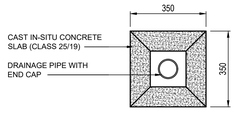


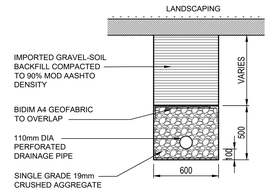
TYPICAL CLEANING EYE DETAIL
SCALE 1:20



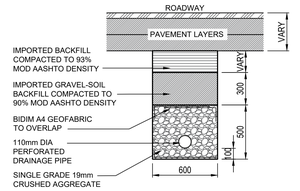
SECTION A-A
SCALE 1:20



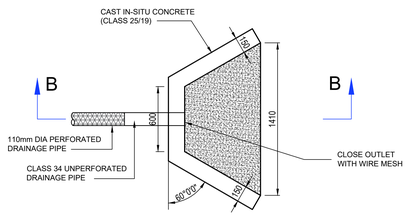
PLAN VIEW OF COVER SLAB
LID REMOVED
SCALE 1:20



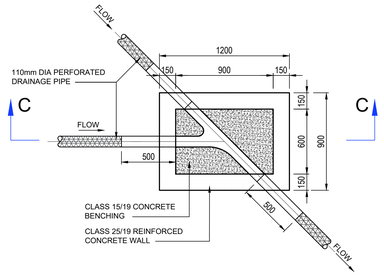
SUBSOIL DRAINAGE DETAIL
DRAIN IN UNTRAFFICED AREAS
SCALE 1:20



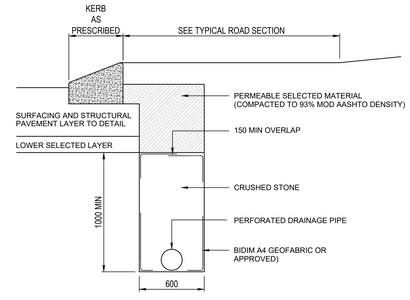
SUBSOIL DRAINAGE DETAIL
DRAIN UNDER ROADWAYS
SCALE 1:20



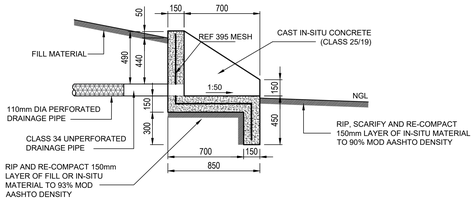
PLAN VIEW OF OUTLET STRUCTURE
SCALE 1:20



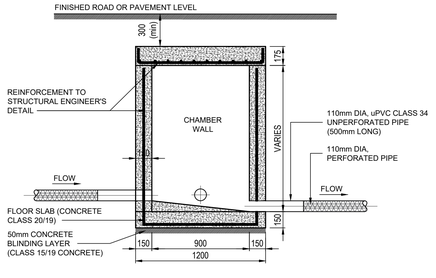
PLAN VIEW OF JUNCTION MANHOLE
SCALE 1:20



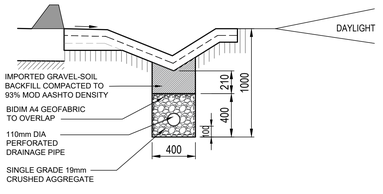
SUBSOIL DRAINAGE DETAIL
CUT-OFF DRAIN AT ROADS
SCALE 1:20



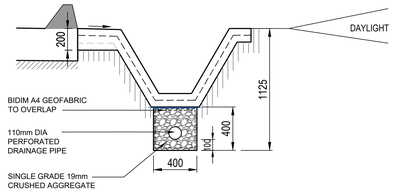
SECTION B-B
SCALE 1:20



SECTION C-C
SCALE 1:20



SUBSOIL DRAINAGE DETAIL
DRAIN UNDER TRIANGULAR CHANNEL



SUBSOIL DRAINAGE DETAIL
DRAIN UNDER TRAPEZOIDAL CHANNEL

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	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	20127020 9		
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
SUBSOIL DRAINAGE DETAILS

PAPER SIZE	TRANSNET DRW. NO.	REV.
A0	TBC	E2
	PROJECT DRG. NO.	REV.
	1006614-DRG-14-NW-CC-D011	T2