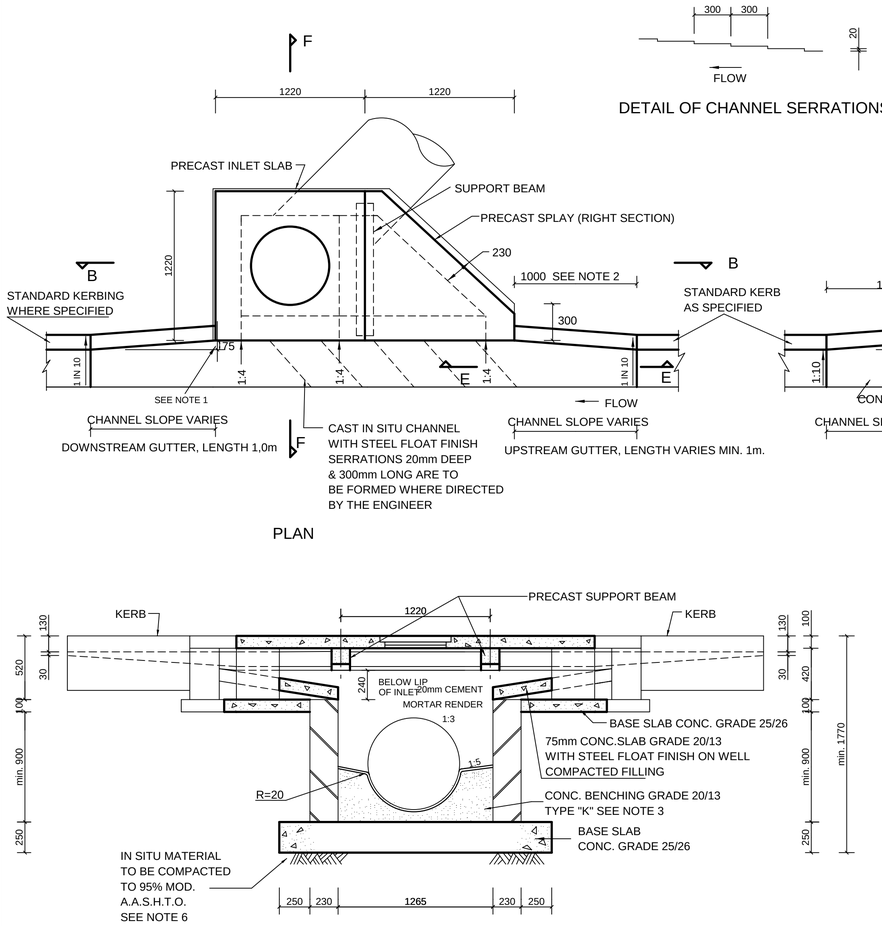
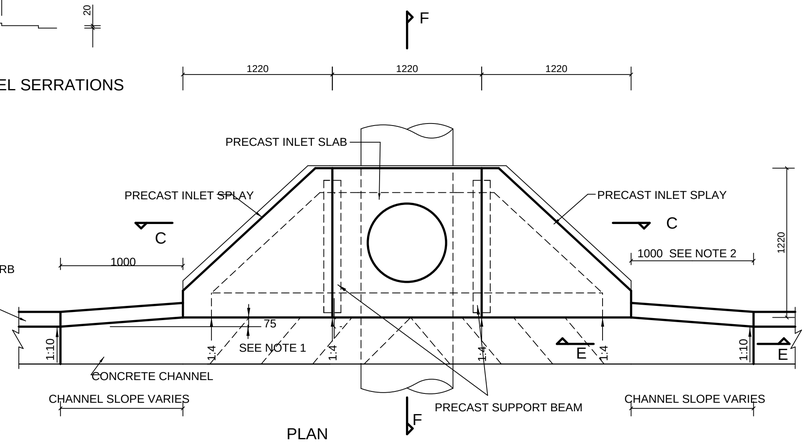
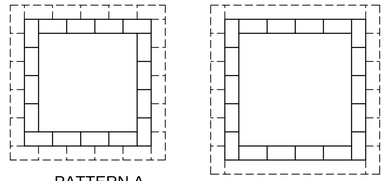


PLAN

DETAIL OF CHANNEL SERRATIONS



PLAN



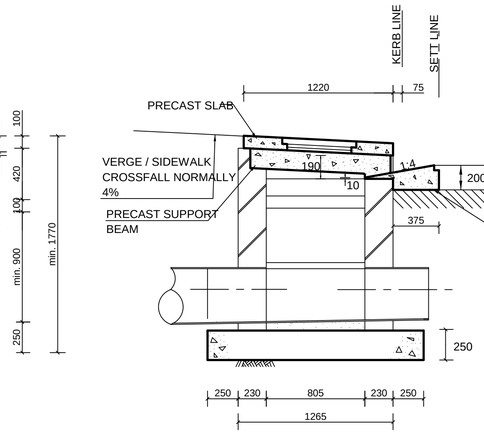
TO BE USED FOR THE
FOLLOWING INTERNAL
DIMENSIONS

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

BRICK LAYING PATTERNS

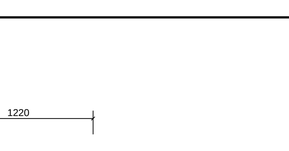
SCALE 1:25

SECTION C - C

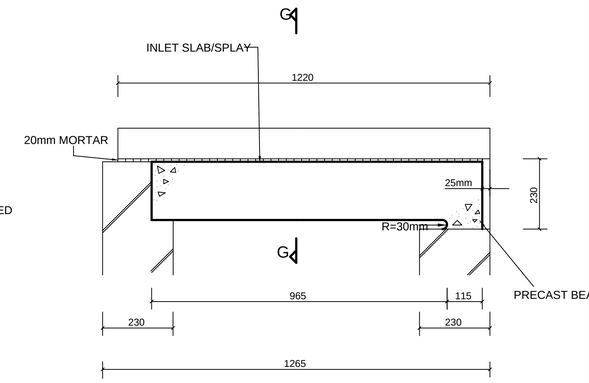


SECTION F - F

SCALE 1:25

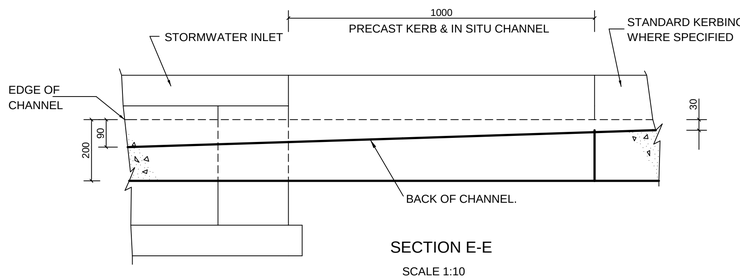


SECTION G-G



BEAM POSITION DETAILS

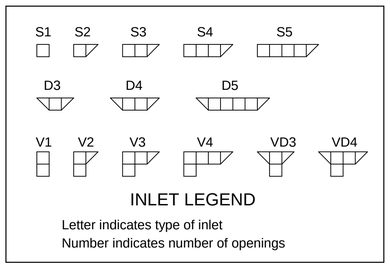
SCALE 1:10



SECTION E-E

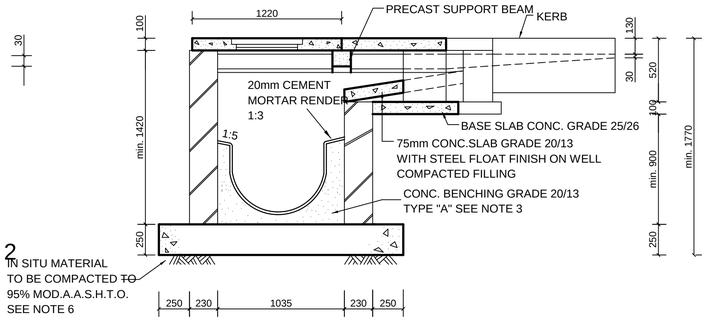
SCALE 1:10

SINGLE SPLAY STORMWATER INLET - RIGHT TYPE 2
MIRRORED FOR LEFT

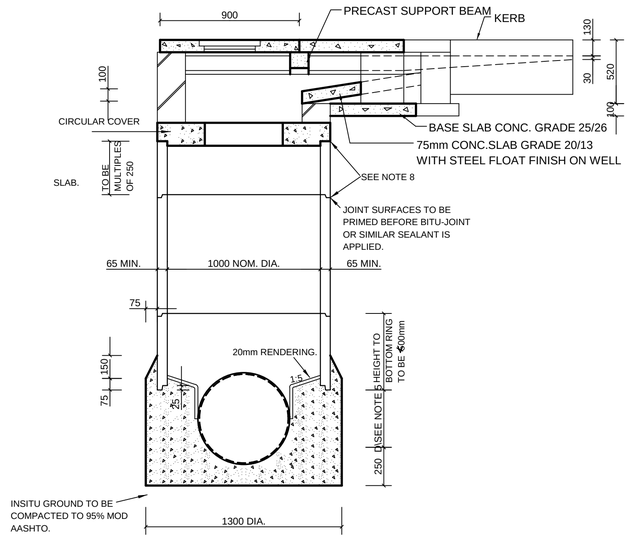


INLET LEGEND

Letter indicates type of inlet
Number indicates number of openings



SECTION B - B



SECTION OF 1000 DIA. RING MANHOLE

DRAWING REFERENCE

DRAWING NO.	TITLE

NOTES

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 STORMWATER INLETS 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. MAXIMUM DEPTH OF INLET=2.0m AFTER WHICH A MANHOLE TYPE STRUCTURE IS TO BE DETAILED:
5. DIMENSION D VARIES WITH THE DIAMETER OF THE PIPES. DIMENSION D SHALL BE TO A POINT 50mm ABOVE THE HIGHEST CROWN OF THE PIPES
6. THE INSITU GROUND MUST BE COMPACTED TO 95% MOD. A.A.S.H.T.O. PRIOR TO THE INLET BASE SLAB BEING CAST. IF THIS DENISTY CANNOT BE ATTAINED THE INSITU MATERIAL MUST BE MOVED TO A DEPTH PF 300mm AND REPLACED WITH A SELECTED BACKFILL
7. PRECAST SLABS, SPLAYS AND LIDS TO BE HEAVY DUTY.
8. IN LOCATIONS DEFINED BY THE ENGINEER AS SUBJECT TO FLOODING, C.I. MANHOLE COVERS AND JOINTS SEALED WITH BOSTIC BUTYL TALE OR SIMILAR, SHALL BE USED.

NO.	AMENDMENT	APPROVED	DATE

REVISIONS

CLIENT

THEKWINI GEOCIVILS cc

Geotechnical & Civil Engineers
Waste Disposal Consultants Project Managers

1st FLOOR
68 Ridge Road
Tollgate
DURBAN
4001
Telephone 201-9929

P.O. Box 30072
MAYVILLE
4058
Telefax 201-8819

PROJECT

STANDARD DETAILS

TITLE

STORMWATER INLETS

CONSULTING ENGINEER	DESIGNED : G.P.
SIGNATURE:.....	DRAWN : K.M.
PR. NO.:.....	CHECKED : G.P.
DATE:.....	SCALE : AS SHOWN
	DATE : 06/11/2000
REFERENCE NO. TGC/04	SHEET 1 OF 1 — REVISION