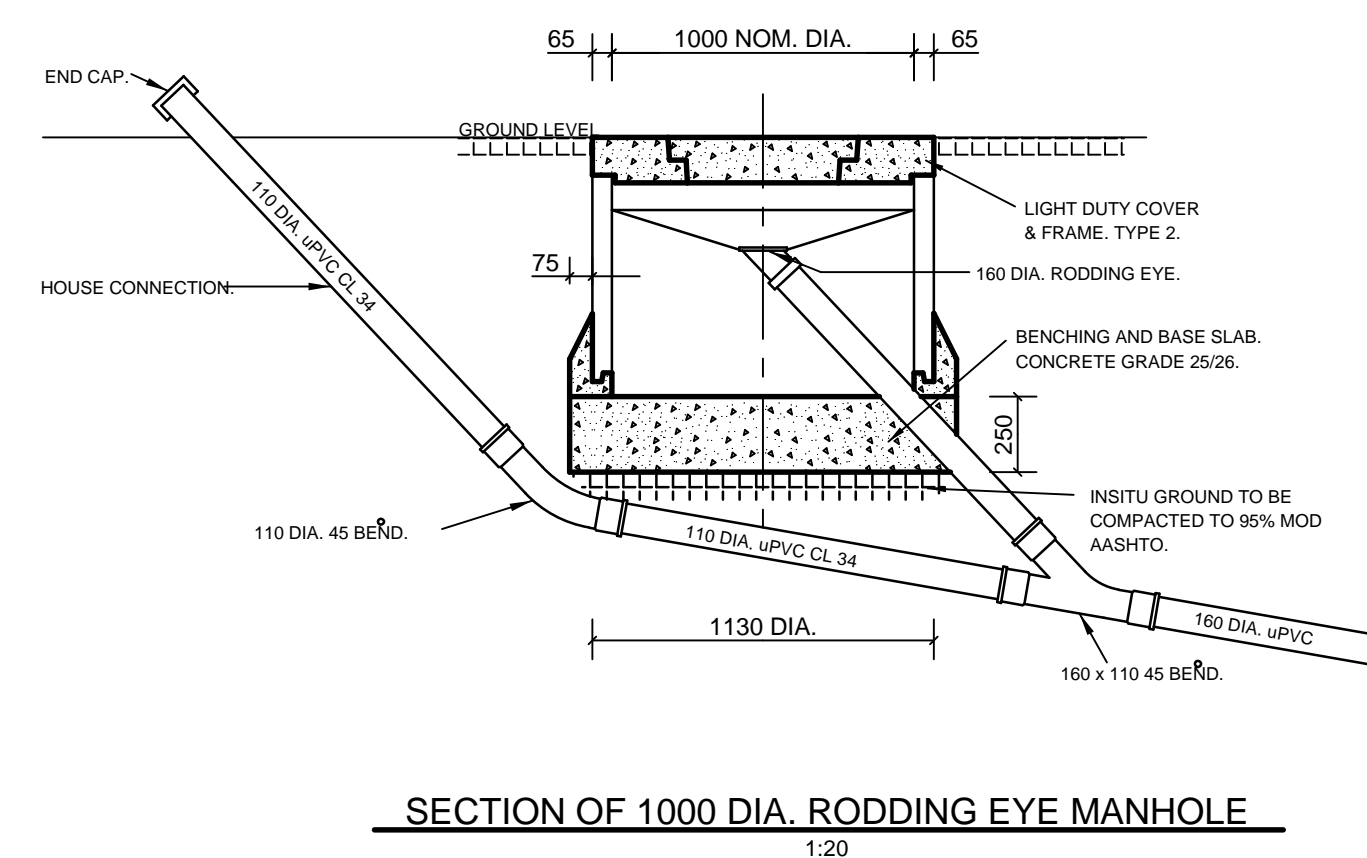



NOTES

1. ALL PRECAST CONCRETE MANHOLE COMPONENTS TO COMPLY WITH THE REQUIREMENTS OF SABS 1294 (WHERE APPLICABLE).
2. LENGTHS OF INDIVIDUAL WALL UNITS ARE TO VARY IN MULTIPLES OF 250mm.
3. HEAVY DUTY CAST IRON COVERS AND FRAMES TO DRG. NO. DMW 1281/A ARE TO BE USED ON MANHOLES UNDER VEHICULAR TRAFFIC.
4. FOR DETAILS OF STEEL REINFORCEMENT TO MANHOLE COVERS, COVER SLABS AND FRAMES, SEE STANDARD PRECAST DETAILS LISTED ABOVE.
5. STORMWATER MANHOLE
6. DIMENSION D VARIES WITH THE DIAMETER OF THE PIPES. DIMENSION D SHALL BE TO A POINT 50mm ABOVE THE HIGHEST CROWN OF THE PIPES.
7. RENDERING FOR MANHOLE BENCHING SHALL CONSIST OF ONE PART CEMENT TO THREE PARTS SAND THOROUGHLY MIXED AND APPLIED TO CONCRETE SURFACES WHILE THE LATTER ARE STILL GREEN. RENDERING SHALL BE AT LEAST 20mm THICK.
8. THE LENGTH OF PIPE BUILT INTO THE MANHOLE SHALL NOT EXCEED 2.5m.
9. SEWER MANHOLE
10. THIS DRAWING TO BE READ IN CONJUNCTION WITH DR. NO. 38574.
11. RENDERING FOR MANHOLE BENCHING SHALL CONSIST OF ONE PART H.A.C. TO TWO PARTS SAND THOROUGHLY MIXED AND APPLIED TO CONCRETE SURFACES WHILE THE LATTER ARE STILL GREEN. RENDERING SHALL BE AT LEAST 20mm THICK.
12. ALL PIPES BUILT INTO MANHOLES SHALL NOT EXCEED 1.0m IN LENGTH, AND THE ADJOINING PIPE SHALL NOT EXCEED 2.0m IN LENGTH.
13. EVERY UPVC PIPE BUILT INTO A MANHOLE SHALL HAVE CLEAN DRY SAND (TO SABS 1083 TABLE 1) GULDED TO ITS OUTSIDE AS RECOMMENDED BY PIPE MANUFACTURER USING SPECIAL PVC CEMENT (HENKEL SA PTY LTD TANGIT OR SIMILAR) TO ENSURE GOOD ADHESION TO BASE CONCRETE.
14. 21M LOCATIONS DEFINED BY THE ENGINEER AS SUBJECT TO FLOODING, C.I. MANHOLE COVERS AND JOINTS SEALED WITH BOSTIC BUTYL TAPE OR SIMILAR, SHALL BE USED.



DRAWING REFERENCE			
DRAWING NO.		TITLE	
NOTES			
NO.	AMENDMENT	APPROVED	DATE
REVISIONS			
CLIENT			
<div><div><div>THEKWINI GEOCIVILS cc</div><div>Geotechnical & Civil Engineers Waste Disposal Consultants  Project Managers</div><div><div>1st FLOOR 68 Ridge Road Tollgate DURBAN 4001 Telephone 201-9929</div><div><div>P.O. Box 30072 MAYVILLE 4058 Telefax 201-8819</div></div></div></div></div>			
PROJECT			
STANDARD DETAILS			
TITLE			
CONCRETE RING MANHOLES			
CONSULTING ENGINEER		DESIGNED : G.P.	
SIGNATURE:.....		DRAWN : K.M.	
PR. NO.:.....		CHECKED : G.P.	
DATE:.....		SCALE : AS SHOWN	
		DATE : 06/11/2000	
REFERENCE NO.		SHEET	REVISION
TGC/01		1 OF 1	