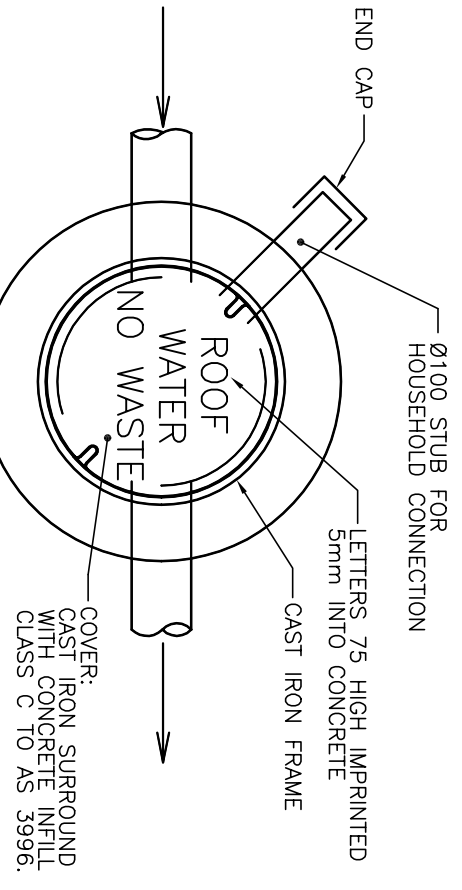


SECTION

TYPE 2

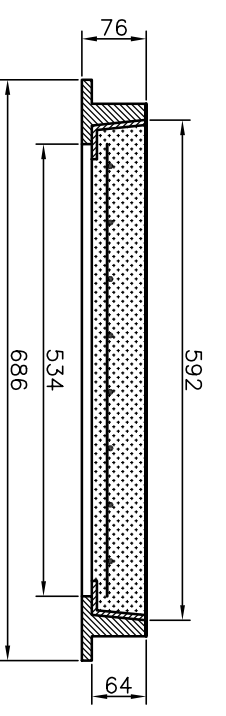
PRECAST/INSITU



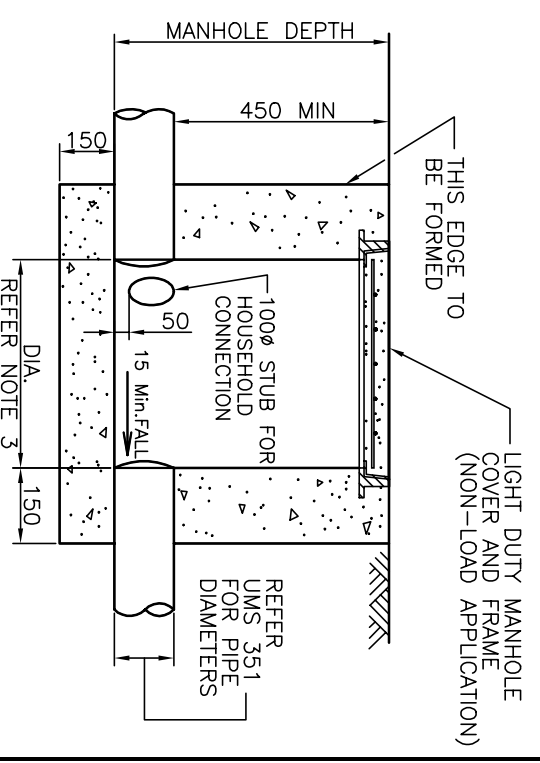
PLAN

TYPE 1

CAST INSITU



**COVER AND FRAME DETAIL
TO FIT 550 DIA. MANHOLE**



SECTION

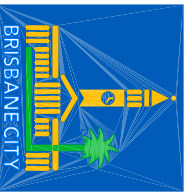
NOTES:

1. THIS STANDARD IS TO BE READ IN CONJUNCTION WITH UMS 351.
2. THE ROOFWATER DRAINAGE SYSTEM IS A PRIVATE SYSTEM WITH THE MAINTENANCE BEING THE RESPONSIBILITY OF THE PRIVATE OWNERS WHO HAVE BEEN PROVIDED WITH A DIRECT ROOFWATER CONNECTION.
3. THE ROOFWATER MANHOLE DEPTHS AND MINIMUM DIAMETERS SHALL BE AS FOLLOWS:

MANHOLE DEPTH	MIN. MANHOLE DIA
< 600	300
600 – 750	550
> 750 – 1500	900
4. ALTERNATIVE DESIGNS, MATERIALS AND METHODS OF CONSTRUCTION WILL BE CONSIDERED FOR APPROVAL INCLUDING PRECAST ROOFWATER CHAMBERS AVAILABLE FROM VARIOUS MANUFACTURERS. ALTERNATIVE PRECAST UNITS TO BE BEDDED AND ENCASED IN 150mm THICK CONCRETE (GRADE N25) UP TO 150mm ABOVE CROWN OF THE INLET PIPE WITH ALL SUBSEQUENT BACKFILL COMPACTED TO 95% MDD (STANDARD COMPACTION TO AS 1289) TO ENSURE STABILITY AND ROBUSTNESS.
5. ALTERNATIVE COVERS AND FRAMES PROPOSED FOR APPROVAL MUST BE CIRCULAR, KEYED INTO THE PERIMETER OF THE MANHOLE AND BE DESIGNED TO SUSTAIN A PROOF LOAD OF 10 kN AS PER AS 3996.
6. A GRATED COVER MAYBE USED IN SAG SITUATIONS AT OWNERS EXPENSE.
7. CONCRETE BASE N25, COVER INFILL N32 IN ACCORDANCE WITH AS 1379 AND AS 3600.
8. DIMENSIONS IN MILLIMETERS (U.N.O.)

ISSUE				
A	ORIGINAL ISSUE	APRIL '01	MAY '01	JUNE '01
	AMENDMENT			

DESIGN AUTHORIZED FOR ISSUE B. BALL SIGNATURE ON ORIGINAL DATED 29/6/01	DESIGN DRAWN	STD DWG GROUP CITY DESIGN	DATE April '01
MANAGER ASSET SUPPORT - R.P.E.G. 3, 8, 5, 2 DESIGN APPROVED B. HANSEN SIGNATURE ON ORIGINAL DATED 27/6/01	CHECKED DRAWING FILENAME	M. STEER UMS 352	DATE May '01
PRINCIPAL ASSET OFFICER ROADS & DRAINAGE	ASSOCIATED PLANS	SUPERSIDES WS 54-2	



BRISBANE CITY COUNCIL - URBAN MANAGEMENT DIVISION

**ROOFWATER INSPECTION
MANHOLES FOR LOW DENSITY
RESIDENTIAL SUBDIVISIONS**

SCALE DWG NO.	NOT TO SCALE
ORIGINAL SIZE	UMS 352
REVISION	A3 A