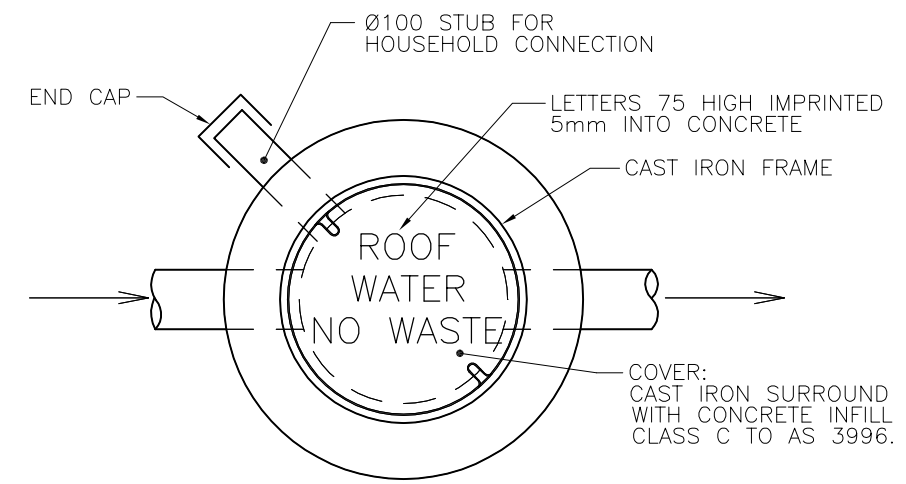
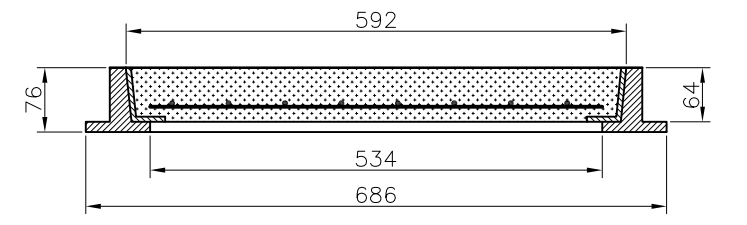


**SECTION**  
**TYPE 2**  
**PRECAST/INSITU**

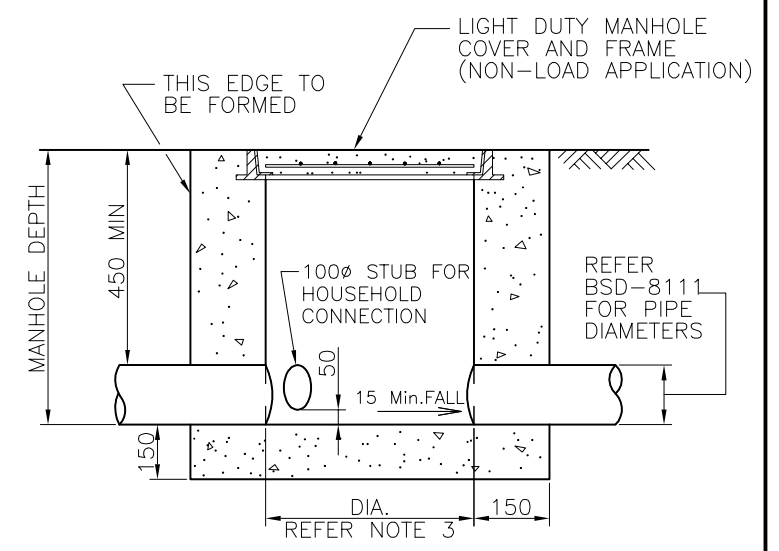


**PLAN**

**TYPE 1**  
**CAST INSITU**



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



**SECTION**

**NOTES:**

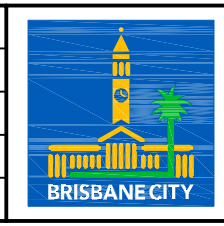
1. THIS STANDARD IS TO BE READ IN CONJUNCTION WITH BSD-8111.
2. THE ROOFWATER DRAINAGE SYSTEM IS A PRIVATE SYSTEM WITH THE MAINTENANCE BEING THE RESPONSIBILITY OF THE PRIVATE OWNERS WHO HAVE BEEN PROVIDED WITH A DIRECT ROOFWATER CONNECTION.
3. THE ROOFWATER MANHOLE DEPTHS AND MINIMUM DIAMETERS SHALL 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	AMENDMENT	DRAWN DATE	CHK'D DATE	APPR'D DATE
A	ORIGINAL ISSUE	OCT '13	OCT '13	OCT '13

DRAWING AUTHORISED FOR PUBLICATION			
Publish	DESIGN	Std Dwgs WG	DATE Mmm 'YY
ASSET ENGINEERING MANAGER STRATEGIC ASSET MANAGEMENT	DRAWN	CPO - P&D	DATE Mmm 'YY
DESIGN APPROVED	CHECKED		DATE Mmm 'YY
Publish	DRAWING FILENAME	BSD-8112.dwg	
CLIENT POSITION COUNCIL WORK AREA OR BRANCH	ASSOCIATED PLANS	SUPERSEDES UMS-352	



**BRISBANE CITY COUNCIL STANDARD DRAWING**

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

SCALE: NOT TO SCALE  
DWG No. **BSD-8112**  
ORIGINAL SIZE: A3 REVISION: A