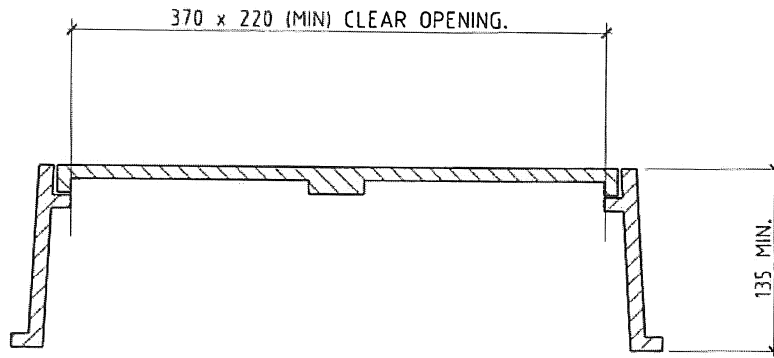
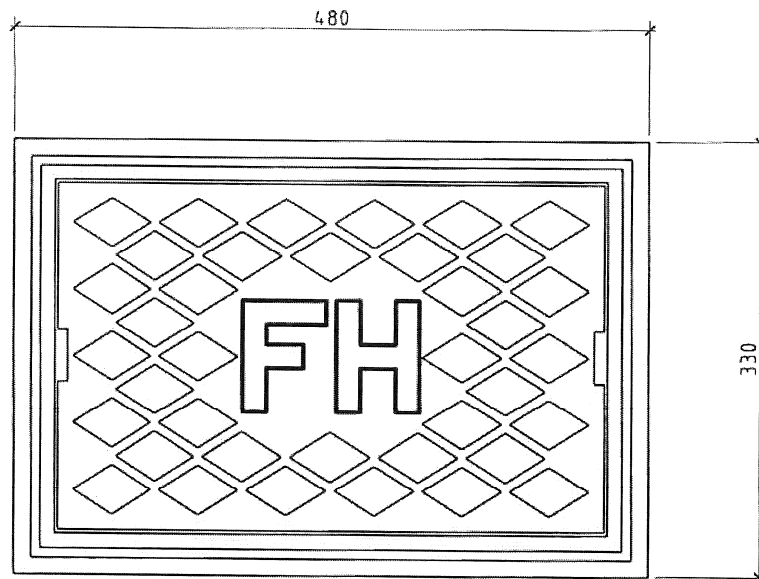


**SECTION 18      STANDARD DRAWINGS**

	<b>Water</b>	
W01	All Water Valves in Roadways	18-48
W02	Hydrant Detail	18-49
W03	Water Meter Cover Details	18-50
W04	Water Main Connections	18-51
W05	Standard Water Connection Details	18-52
W06	Thrust Block Detail	18-53
W07	Sluice Valve Detail	18-54

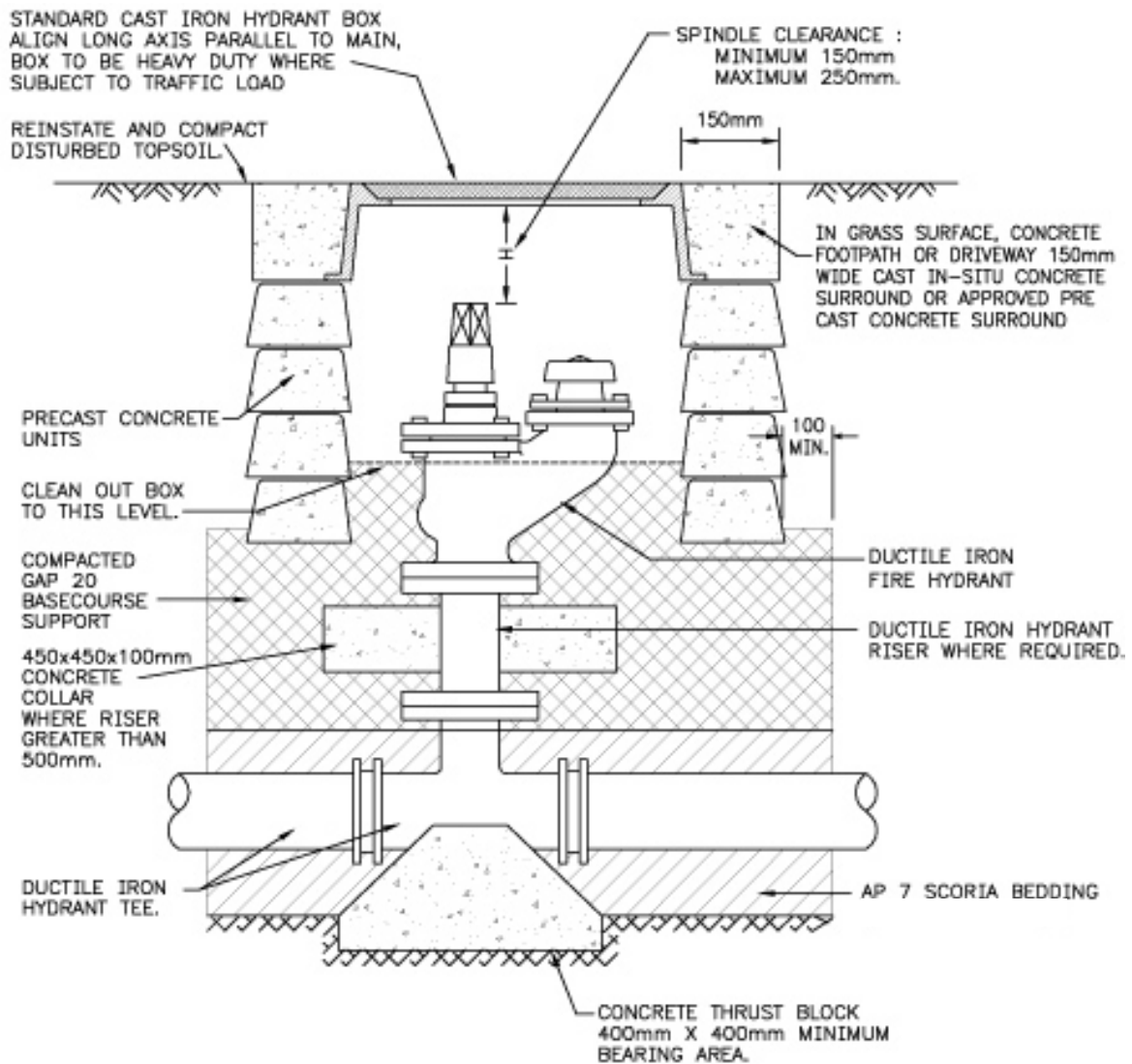


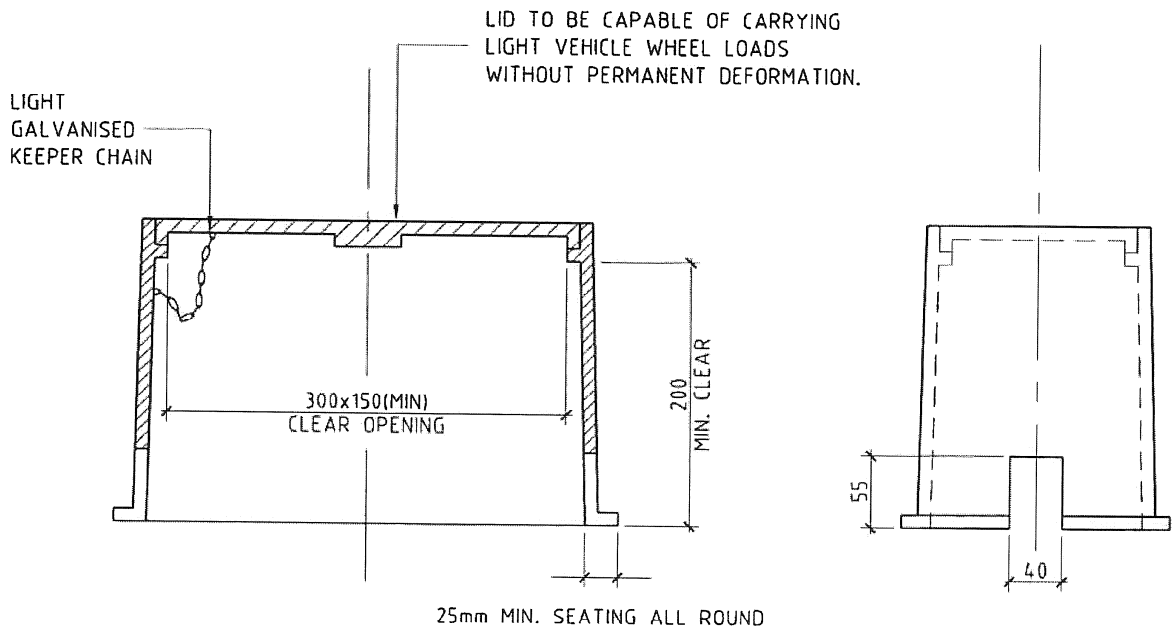
SECTION THROUGH FRAME AND COVER



PLAN VIEW

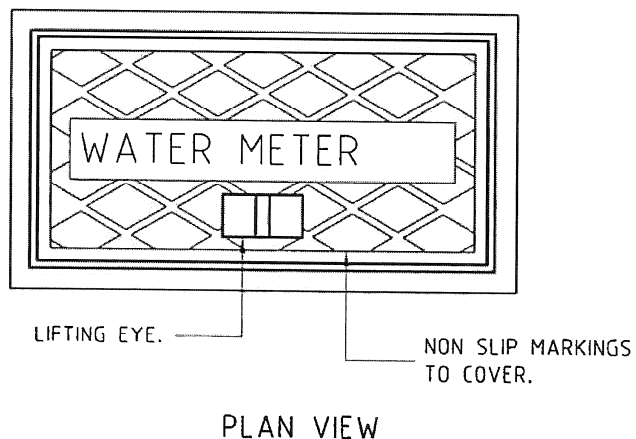
APPROX. WEIGHT: FRAME 22kg  
COVER 8kg





SECTION THRU' FRAME & COVER

ELEVATION



PLAN VIEW

NOTE:  
 FRAME AND COVER TO BE CAST IRON, WHERE SUBJECT TO WHEEL LOAD (DRIVEWAYS & RIGHTS-OF-WAY) OR OF APPROVED PLASTIC CONSTRUCTION, WHERE NOT SUBJECT TO WHEEL LOAD.



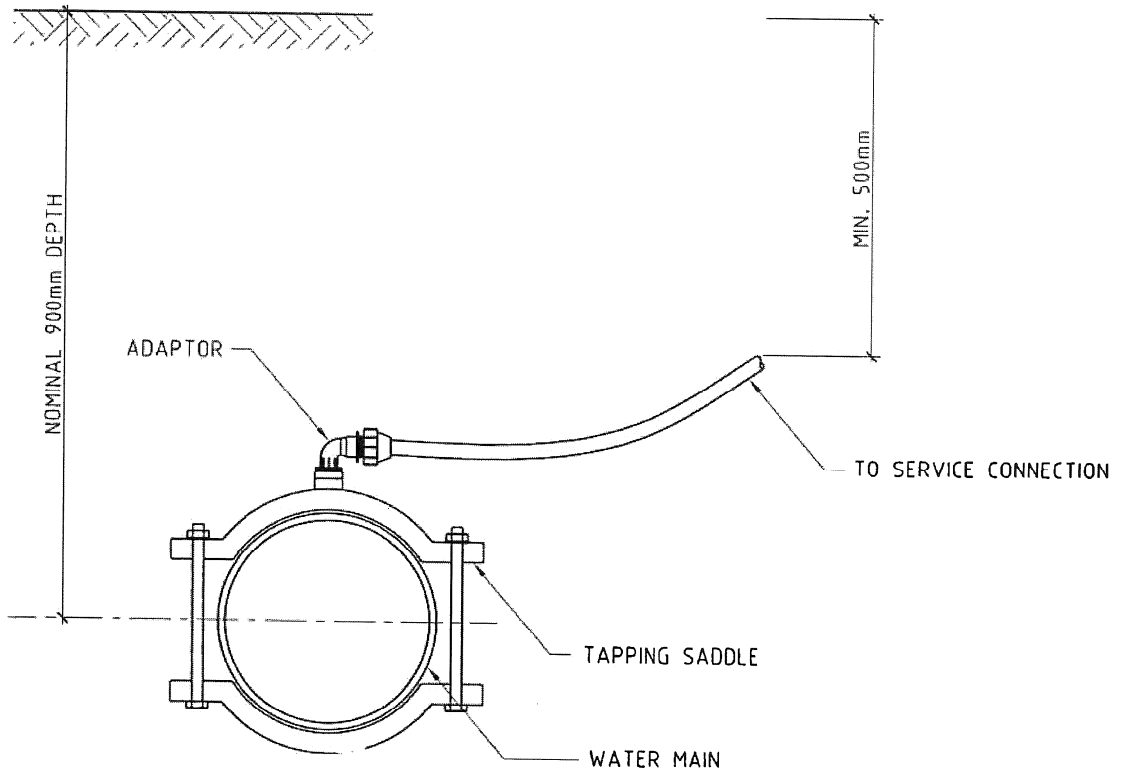
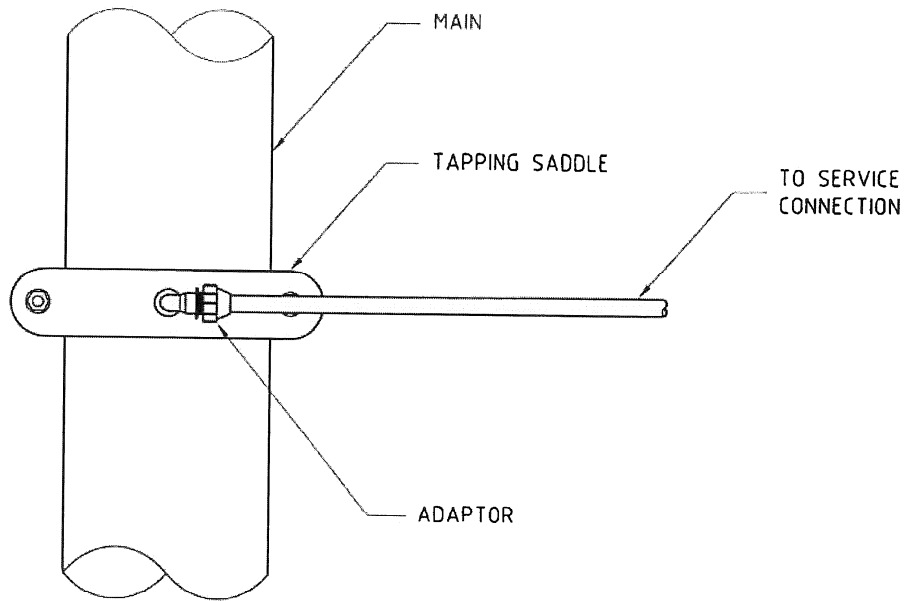
**Water Meter Cover  
 Detail**

Refer to Section 7.9

Not To Scale  
 Original Size A4

Sheet **W03**

November 2011



TAPPING SADDLE DETAILS WILL VARY DEPENDENT ON PIPE TYPE



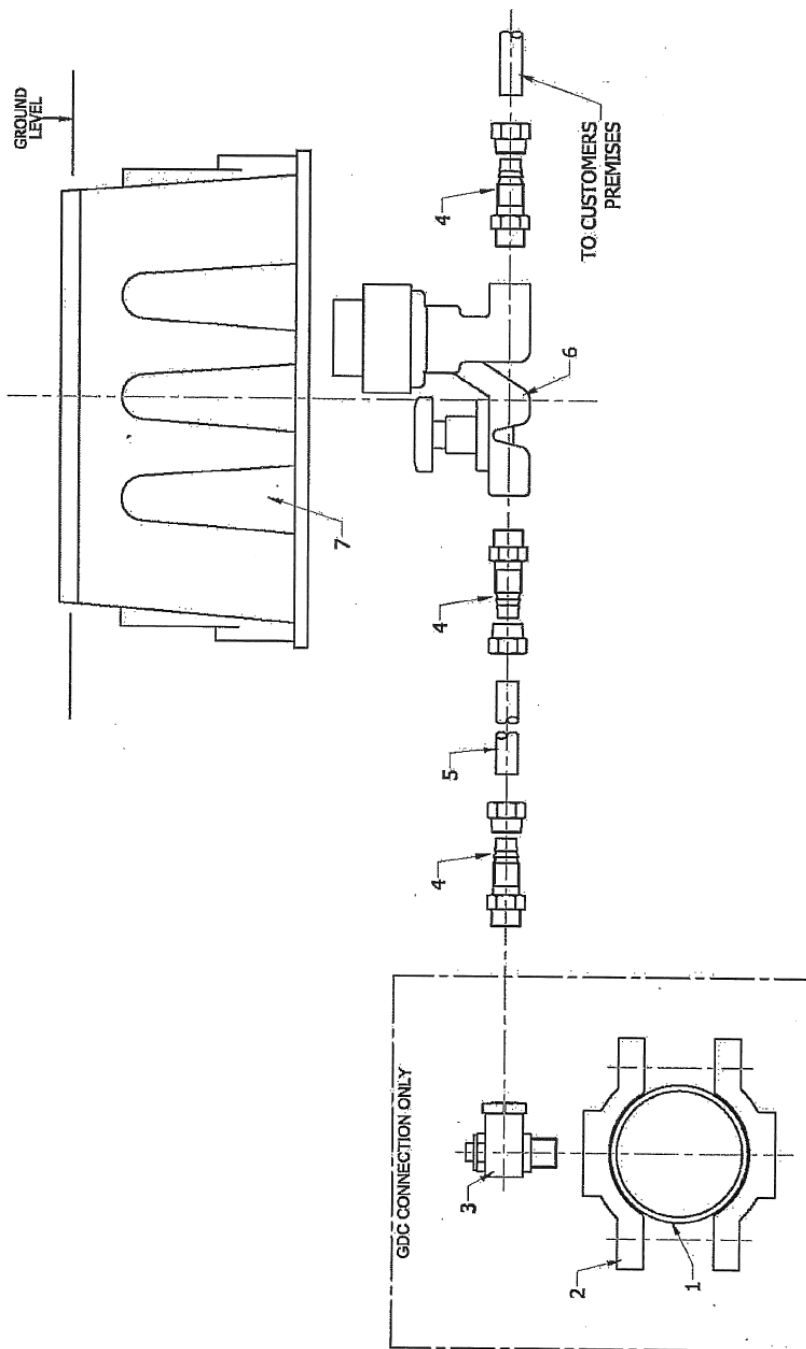
**Water Main Connection**

Refer to Section 7.8

Not To Scale  
Original Size A4

Sheet **W04**

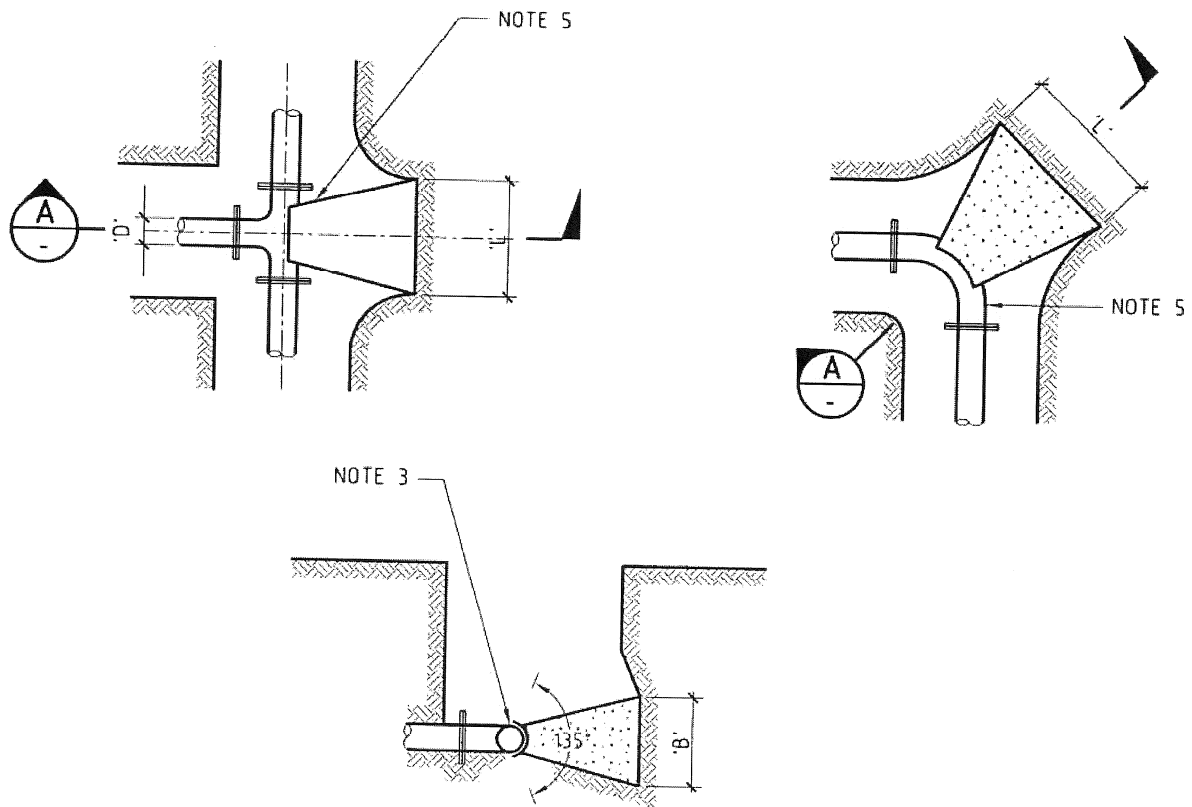
November 2011



**STANDARD URBAN WATER CONNECTION DETAIL**

EXPLODED VIEW  
NOT TO SCALE

**OUTSIDE OF ROADS**



CROSS SECTION ON A

### NOTES

1. CONCRETE SHALL NOT ENCASE MORE THAN 135 DEGREES OF THE PIPE CIRCUMFERENCE.
2. ALL THRUST BLOCKS SHALL BE POURED AGAINST TRIMMED NATURAL GROUND.
3. THE CONCRETE IS TO BE SEPARATED FROM THE PIPE BY A MATERIAL SUCH AS MALTHOID.
4. 28 DAY CONCRETE STRENGTH > 17.5MP<sub>a</sub>.
5. THE THRUST BLOCKS SHALL BE CONSTRUCTED SUCH THAT ALL BOLTS ON ALL FITTINGS CAN BE READILY ACCESSED.
6. DIMENSIONS 'B' AND 'L', CONTACT AGAINST GROUND, SHALL BE SUBJECT TO DESIGN TAKING INTO CONSIDERATION PIPE DIAMETERS, TEST PRESSURE AND GROUND BEARING CAPACITY.

