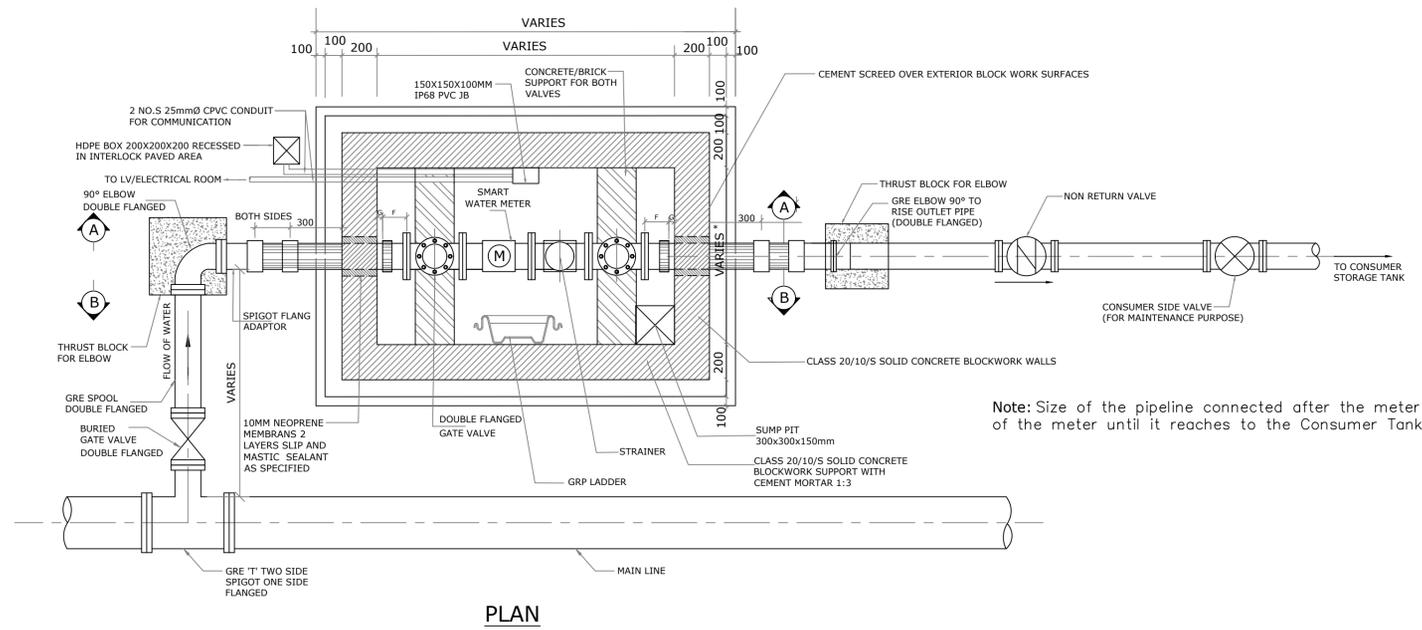


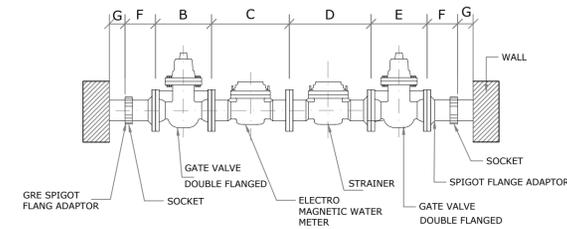
# GENERAL ARRANGEMENT OF METER CHAMBERS WITHIN BLOCKPAVING AREAS



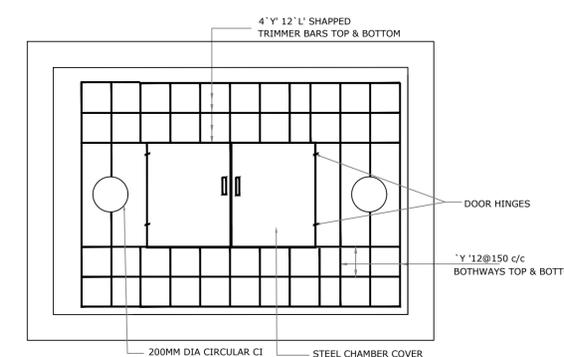
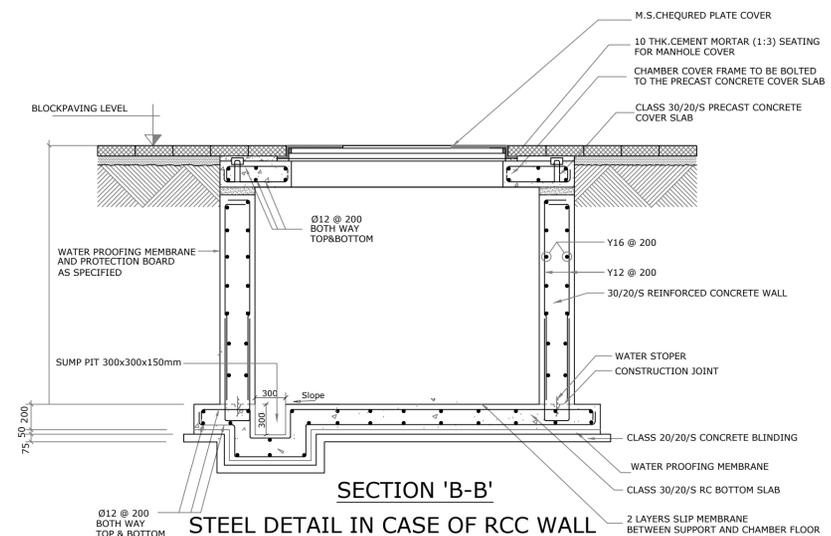
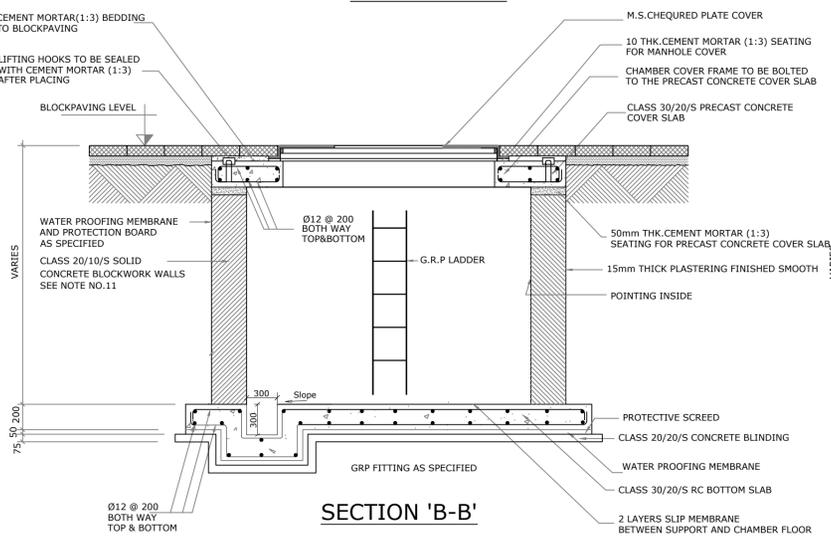
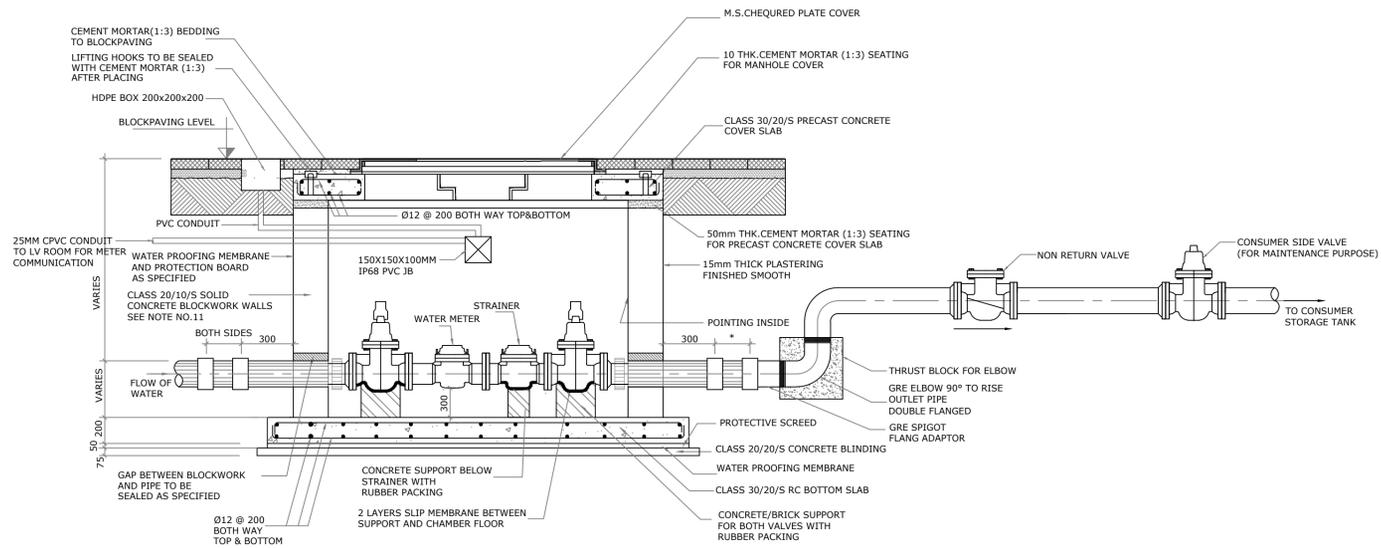
Note: Size of the pipeline connected after the meter should be the same size of the meter until it reaches to the Consumer Tank.

METER CHAMBER DIMENSION												
WATER METER SIZE	INLET VALVE (L)	METER (L)	STRAINER (L)	OUTLET VALVE (L)	SPIGOT FLANGE ADAPTOR (L) F	CLEARANCE BETWEEN SOCKET AND CHAMBER WALLS (L) G	TOTAL LENGTH (B+C+D+E+F+G)	CLEARANCE AT BOTH SIDES OF METER IN WIDTH FROM CHAMBER WALLS (200-200)	METER WIDTH (H)	TOTAL WIDTH (I)	CHAMBER DIMENSION (Minimum)	CHAMBER COVER DIMENSION (Minimum)
50	178	200	300	178	—	250-250(500)	1356	400	110	510	1400X700	900X600
80	203	200	350	203	—	250-300(550)	1506	400	140	540	1600X700	900X600
100	229	250	350	229	260-260(520)	150-150(300)	1878	400	165	565	2000X700	900X600
150	267	300	500	267	270-270(540)	150-150(300)	2174	400	220	620	2200X700	1100X600
200	292	350	500	292	260-260(520)	150-150(300)	2254	400	280	680	2400X700	1100X600
300	330	500	500	330	260-260(520)	200-200(400)	2580	400	375	775	2600X800	1100X600

ALL UNITS ARE IN MM



METER SIZE, METER CAPACITY AND STORAGE TANK REQUIREMENTS				
Meter Size (mm)	Meter Capacity / Quantity of Water the Meter can Deliver in 24 Hours (Imperial Gallons)	Pipe Size to be Connected Between the Meter and Storage Tank (mm)	Storage Tank Requirement for Standard Residential Premises	Storage Tank Requirement for Labor Accommodation and other High Consumption Premises
50	20,001-75,000	50	Equivalent to 24 Hours Consumption	Equivalent to 48 Hours Consumption
80	75,001-200,000	80	Equivalent to 24 Hours Consumption	Equivalent to 48 Hours Consumption
100	200,001-300,000	100	Equivalent to 24 Hours Consumption	Equivalent to 48 Hours Consumption
150	300,001-650,000	150	Equivalent to 24 Hours Consumption	Equivalent to 48 Hours Consumption
200	650,001- 1,000,000	200	Equivalent to 24 Hours Consumption	Equivalent to 48 Hours Consumption
300	1,000,001- 1,500,000	300	Equivalent to 24 Hours Consumption	Equivalent to 48 Hours Consumption



## AMI 2" to 12" BULK WATER METER (GRE CONNECTION) INSTALLATION IN CHAMBER

NOTES:  
Refer Bulk Water Meter Installation in Chamber-GRE Connection-Guidelines-Rev4-20.01.2023

REV.	DATE	DRN BY	CHD BY	APD BY	DESCRIPTION
<p>AUTHORITY:</p>  <p>GOVERNMENT OF DUBAI DUBAI ELECTRICITY &amp; WATER AUTHORITY P.O. BOX: 564, DUBAI - U.A.E. FAX: 324 4922. TEL: 324 4444</p>					
<p>DEPARTMENT:</p> <p><b>PROJECTS &amp; ENGINEERING (WATER)</b> TEL : 04-3220003, EMAIL: Brnaly.N@dewa.gov.ae</p>					
<p>PROJECT:</p> <p>AMI (ADVANCED METERING INFRASTRUCTURE) WATER METER INSTALLATION</p>					
<p>TITLE:</p> <p>AMI - WATER BULK WATER METER INSTALLATION IN CHAMBER (50MM TO 300MM DIA. GRE CONNECTION)</p>					
<p>PREPARED BY: <i>Shafiq</i></p>		<p>CHECKED BY: <i>Faeed</i></p>		<p>SCALE: N.T.S</p>	
<p>DESIGNED BY: <i>Saidin</i></p>		<p>APPROVED BY: <i>Brnaly</i></p>		<p>DATE: 20.01.2023</p>	
<p>DRAWING NO: PEW-STD-AMI-004</p>					<p>REV</p>
<p> </p>					<p>4</p>