





THIS DRAWING TO BE READ IN CONJUNCTION WITH DRAWING #: MW-01 SHEETS 2, 3 & 4



- NOTES:**
1. THE WATER AUTHORITY - CAYMAN (WAC) HAS SPECIFIC REQUIREMENTS WITH RESPECT TO METER INSTALLATION FOR ALL DEVELOPMENTS REQUIRING FIVE OR MORE INDIVIDUALLY METERED WATER SERVICES PER PARCEL OR LOT.
 2. WAC AT ITS SOLE DISCRETION SHALL DETERMINE THE METER INSTALLATION LAYOUT FOR EACH DEVELOPMENT. THE OWNER/DEVELOPER SHALL PROVIDE THE METER INSTALLATION IN STRICT ACCORDANCE WITH ALL CURRENT WAC STANDARD DETAILS, GUIDELINES AND INSTRUCTIONS.
 3. LOCATION OF WALL TO BE DETERMINED BY WAC QUALITY ASSURANCE INSPECTOR AND AGREED WITH OWNER/DEVELOPER.
 4. WALL TO BE CONSTRUCTED BY OWNER/DEVELOPER AND SHALL INCLUDE WALL, ACCESS DOORS, ROOF AND HARDWARE.
 5. ALL WALLS TO BE MINIMUM 6" CMU REINFORCED WITH #4 REBAR @16" o.c.
 6. ALL BLOCKS SHALL BE STAGGERED VERTICALLY AND GROUTED.
 7. ALL CMU BLOCKS WILL HAVE ALL CELLS FILLED WITH 3000 PSI CONCRETE.
 8. CUSTOMER SHUT OFF VALVES, ALL OTHER PIPING AND SUPPORTS AS NOTED SHALL BE PROVIDED AND INSTALLED BY OWNER/DEVELOPER.
 9. WATER METERS SHALL BE EQUALLY SPACED AT 8" VERTICAL CENTRES. MAXIMUM NUMBER OF METERS TO BE EIGHT (8) ON A SINGLE HEADER PIPE. IF MORE THAN EIGHT, ARE REQUIRED A SECOND HEADER PIPE WILL BE USED EITHER ON A SEPARATE WALL OR AGAINST THE OPPOSITE SIDE OF THE REAR WALL - SEE DRAWING # MW-01 Sheet 3 of 4).
 10. MINIMUM No. OF WALL-MOUNTED METERS SHALL BE 3 METERS; IF LESS THAN 3 METERS ARE REQUIRED THEY SHALL BE INSTALLED IN THE GROUND IN SEPARATE METER BOXES.
 11. ACCESS DOORS ARE REQUIRED AND SHALL BE CORROSION RESISTANT LOUVER STYLE.
 12. PROVIDE MIN. 3'-6" CLEAR SPACE IN FRONT OF ACCESS DOORS FOR MAINTENANCE PURPOSES.
 13. BOTH EXTERIOR AND INTERIOR SURFACES OF CMU BLOCK WALL TO BE RENDERED.
 14. OPTIONAL: EXTERIOR SURFACE TO BE FINISHED TO MATCH ARCHITECTURAL FINISHING TO OWNER/DEVELOPER REQUIREMENTS.
 15. BACKFILL AROUND OUTSIDE OF WALL ONCE CONSTRUCTION IS COMPLETE.
 16. THE OWNER/DEVELOPER IS REQUIRED TO COMPLETE THE CONSTRUCTION OF THE ENCLOSURE AND HEADER PIPEWORK. ONCE ALL CONSTRUCTION AND PIPEWORK IS COMPLETE WAC WILL INSPECT THE INSTALLATION AND MONITOR A 24-Hr PRESSURE TEST OF THE PIPING. AFTER APPROVAL WAC WILL INSTALL THE INCOMING SERVICE LINE AND WATER METERS.
 17. OWNER/DEVELOPER TO IDENTIFY INDIVIDUAL PIPES WITH THE APPROPRIATE UNIT NUMBER REPRESENTING THE FINAL SERVICE LOCATION.
 18. OWNER/DEVELOPER MUST APPLY FOR **ALL** WATER METERS AT THE SAME TIME

DATE:	07/12/09
DRAWN BY:	MDT
CHECKED:	TvZ
PROJECT NO.	

5	17/6/19	C/G	Dimension "H" specified		
4	23/8/18	C/G	Unistrut pipe-clamp size specified		
3	28/03/18	C/G	2" endcap added at bottom of 2" pipe		
2	05/09/11	M/BT	MINOR AMENDMENTS TO LAYOUT		
1	01/11/10	MOT	Dimension to Unistrut support amended		
0	07/12/09	MOT	ISSUE FOR CONSTRUCTION		
REV	DATE	BY	DESCRIPTION		

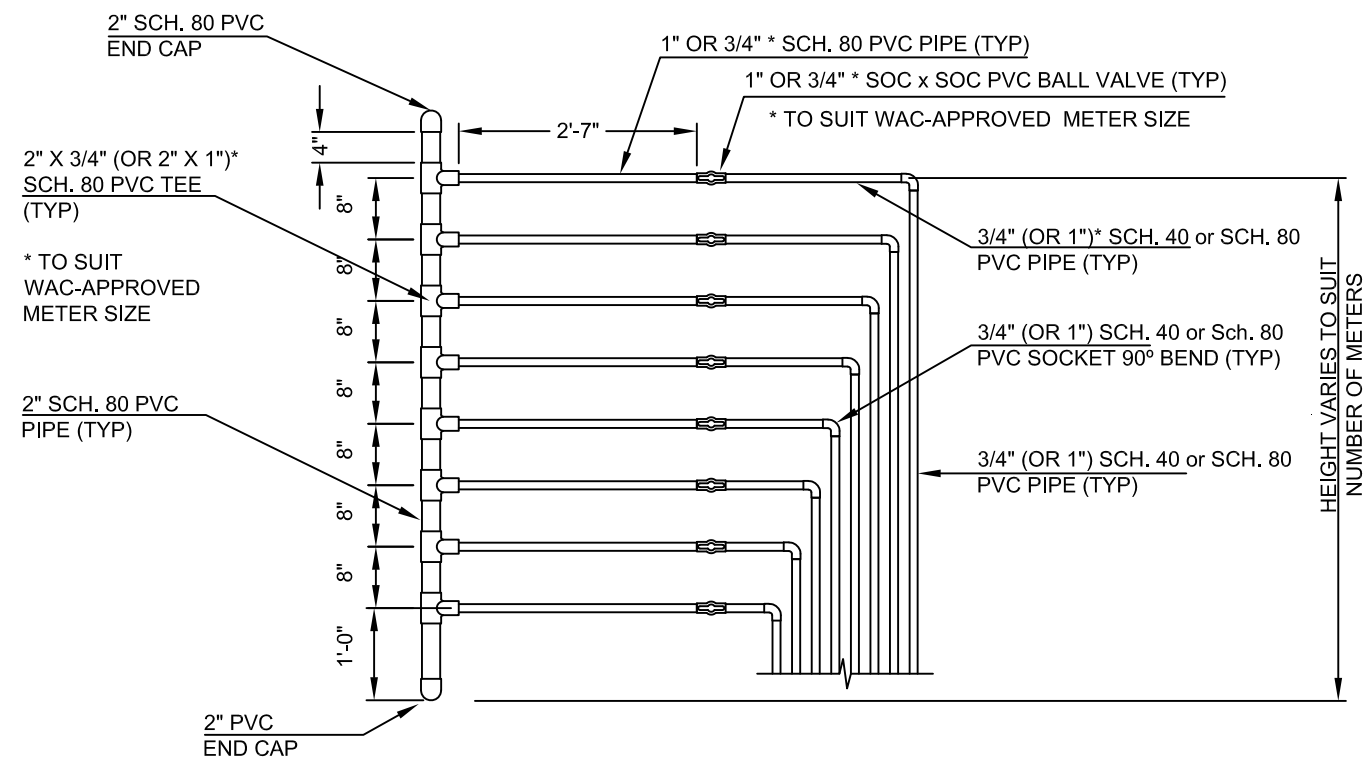


WATER AUTHORITY - CAYMAN
PO BOX 1104
GRAND CAYMAN, KY1-1102
345-949-2837

MULTIPLE METER INSTALLATION

1-SIDED WALL ARRANGEMENT – FOR 20/25mm METERS
CUSTOMER INSTALLATION

WAC PROJECT NO.	
DRAWING NO. MW-01-01	
SCALE NONE	VIEW
SHEET 1 OF 4	REV 5



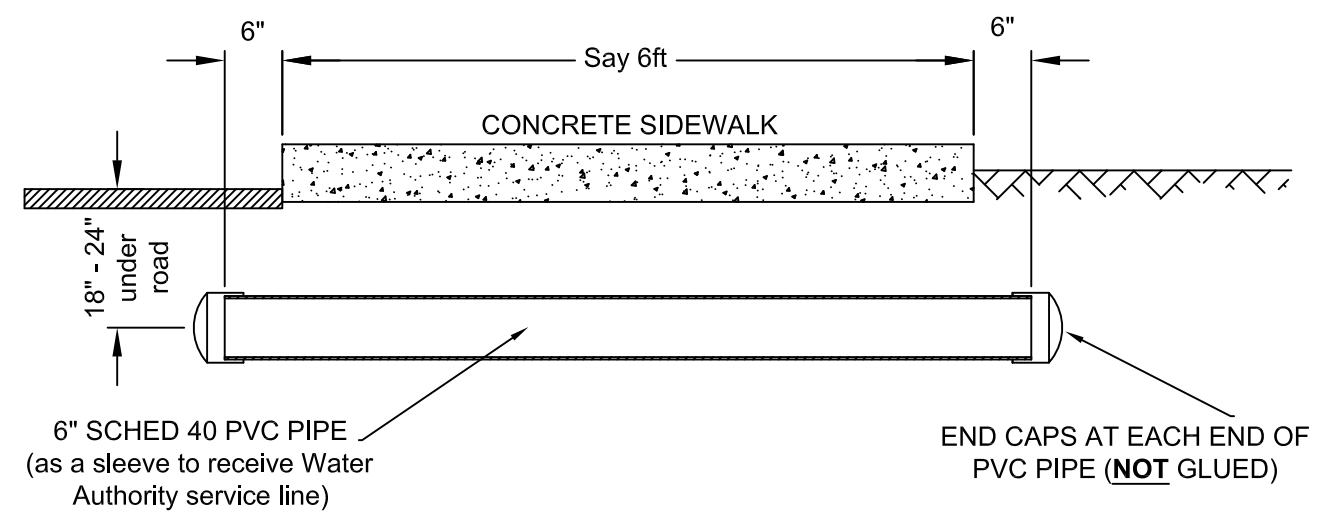
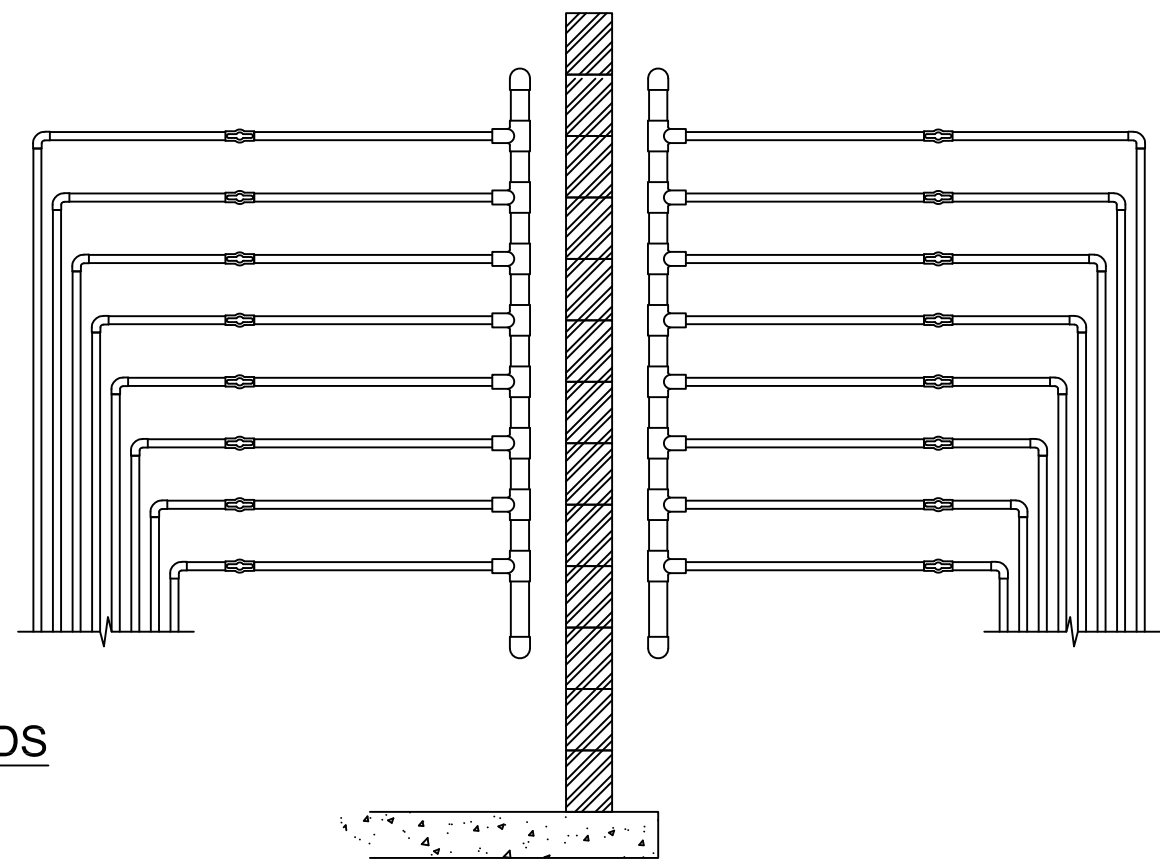
NOTE:

1. PRIOR TO METER INSTALLATION, PVC MANIFOLD SHALL BE PRESSURE TESTED AT 100psi (FOR A PERIOD OF 24-Hrs MINIMUM) IN PRESENCE OF WAC QUALITY INSPECTOR
2. ALL LEAKS SHALL BE RECTIFIED BY OWNER/DEVELOPER AND PRESSURE TEST REPEATED AS ABOVE
3. WHEN APPLYING FOR METERS, ONLY APPLICATIONS FOR ALL OF THE METERS THAT CAN BE ACCOMMODATED ON THE MANIFOLD WILL BE CONSIDERED

No. of meters to be installed	Min. height of masonry opening, "H"
3 meters	3' - 4"
4 meters	4' - 0"
5 meters	4' - 8"
6 meters	5' - 4"
7 meters	6' - 0"
8 meters	6' - 8"

PVC MANIFOLDS

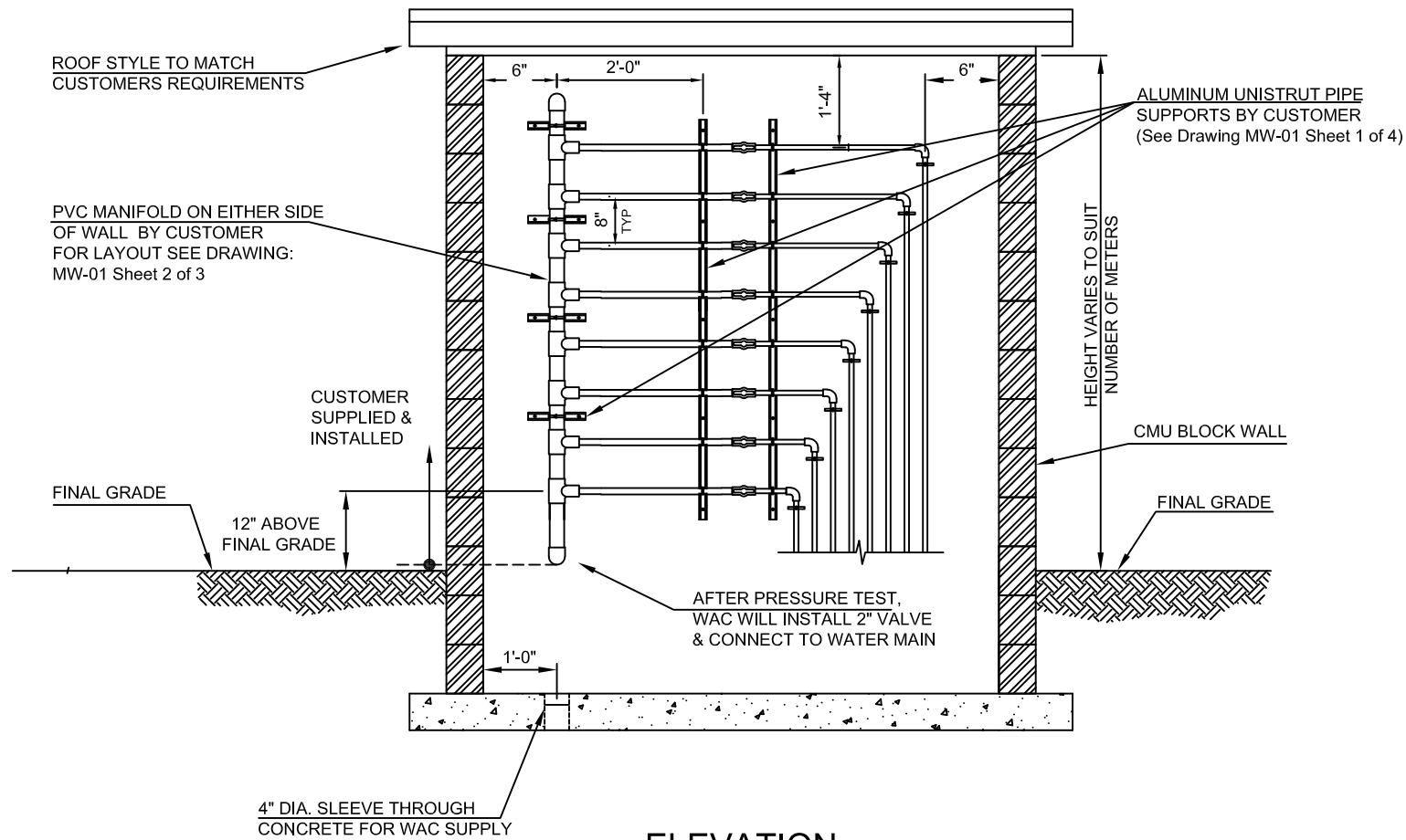
DETAILS & DIMENSIONS FOR SIDE-BY-SIDE AND BACK-TO-BACK WALLS SIMILAR TO SINGLE WALL



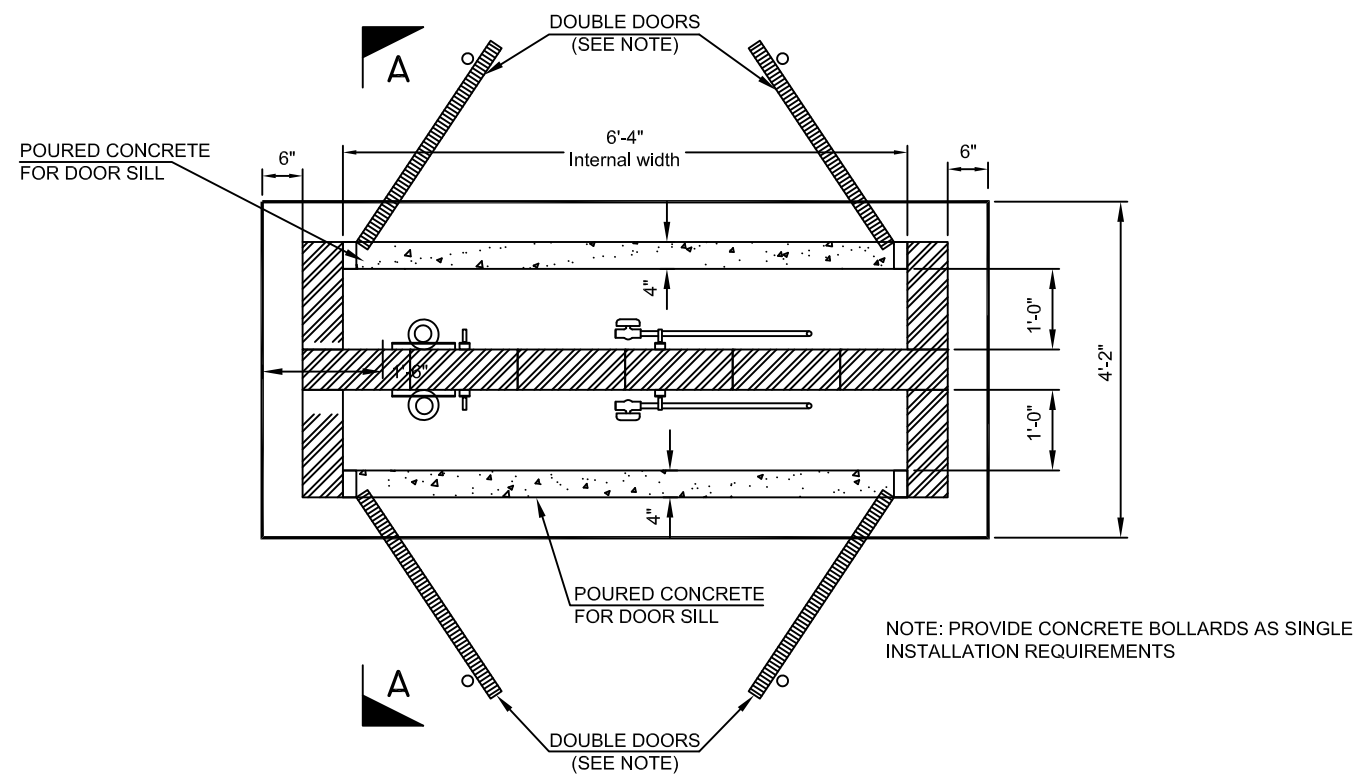
**DETAILS OF SLEEVE UNDER CONCRETE SIDEWALK
LONGITUDINAL SECTION**

THIS DRAWING TO BE READ IN CONJUNCTION WITH DRAWING #: MW-01 SHEETS 1, 3 & 4

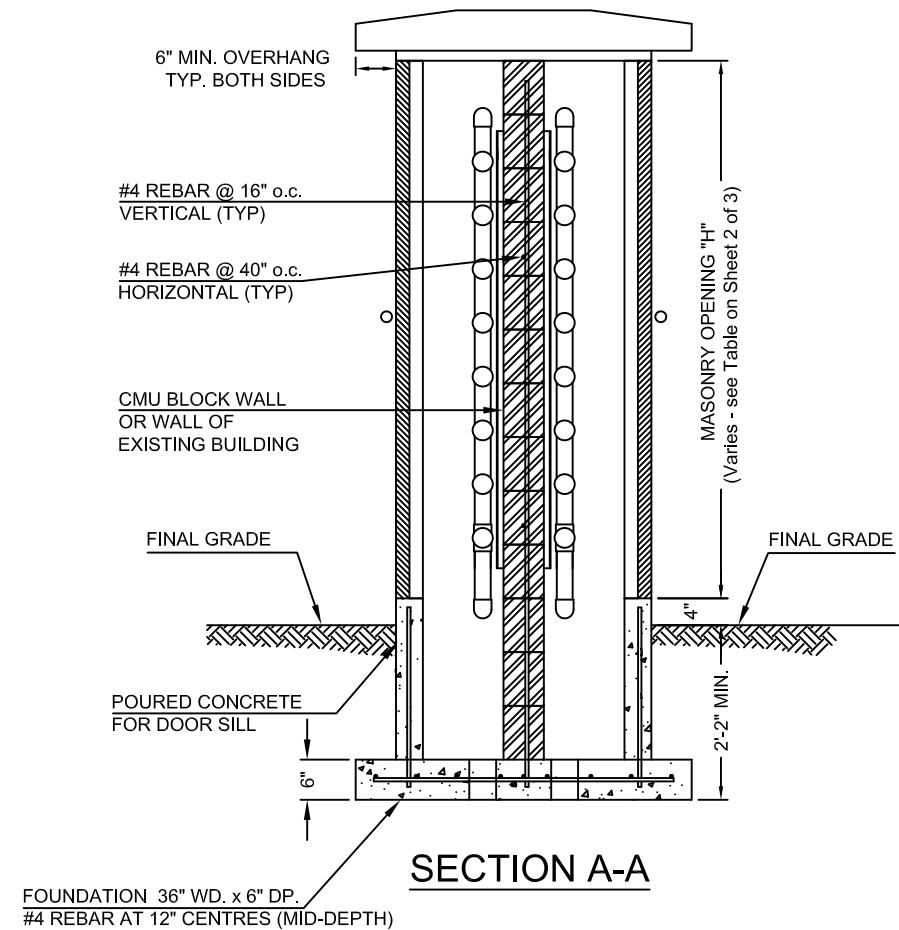
DATE: 07/12/09	
DRAWN BY: MDT	
CHECKED: TVZ	
PROJECT NO.	
7	11/11/21 C/G Details of sleeve under sidewalk added
6	30/9/21 C/G SIDE x SIDE MANIFOLD DETAILS ADDED
5	17/6/19 C/G Dimension "H" specified
4	23/8/18 C/G Unistrut pipe clamp sizes specified
3	28/03/18 C/G 2" endcap added at bottom of 2" pipe
2	05/04/11 MBT MINOR AMENDMENTS TO LAYOUT
1	01/11/10 C/G Dimension to Unistrut support amended
0	07/12/09 MDT ISSUE FOR CONSTRUCTION
REV	DATE BY DESCRIPTION
<p>WATER AUTHORITY - CAYMAN GRAND CAYMAN, KY1-1102 345-949-2837</p>	
<p>MULTIPLE METER INSTALLATION</p> <p>1-SIDED WALL ARRANGEMENT - FOR 20/25 mm METERS</p> <p>CUSTOMER INSTALLATION</p>	
WAC PROJECT NO.	
DRAWING NO.	
MW-01-02	
SCALE	VIEW
NONE	REV
SHEET	7
6	



ELEVATION



PLAN



SECTION A-A

THIS DRAWING TO BE READ IN CONJUNCTION WITH DRAWING #: MW-01 SHEETS 1, 2 & 4

DATE: 07/12/09
DRAWN BY: MDT
CHECKED: TVZ
PROJECT NO.

REV	DATE	BY	DESCRIPTION
5	17/6/19	C/G	Dimension "H" specified
4	23/8/18	C/G	Unistrut pipe clamp sizes specified
3	28/03/18	cjb	Note added re WAC to supply 2" valve
2	05/04/11	MBT	MINOR AMENDMENTS TO LAYOUT
1	07/11/10	C/G	Dimension to Unistrut support amended
0	07/12/09	MDT	ISSUE FOR CONSTRUCTION

WAC

WATER AUTHORITY - CAYMAN
10, 10, 10
GRAND CAYMAN, KYI-1102
345-948-2837

MULTIPLE METER INSTALLATION

2-SIDED WALL ARRANGEMENT - FOR 20/25 mm METERS

CUSTOMER INSTALLATION

WAC PROJECT NO.
DRAWING NO. MW-01-03
SCALE NONE
SHEET 3 OF 4
VIEW REV 5

