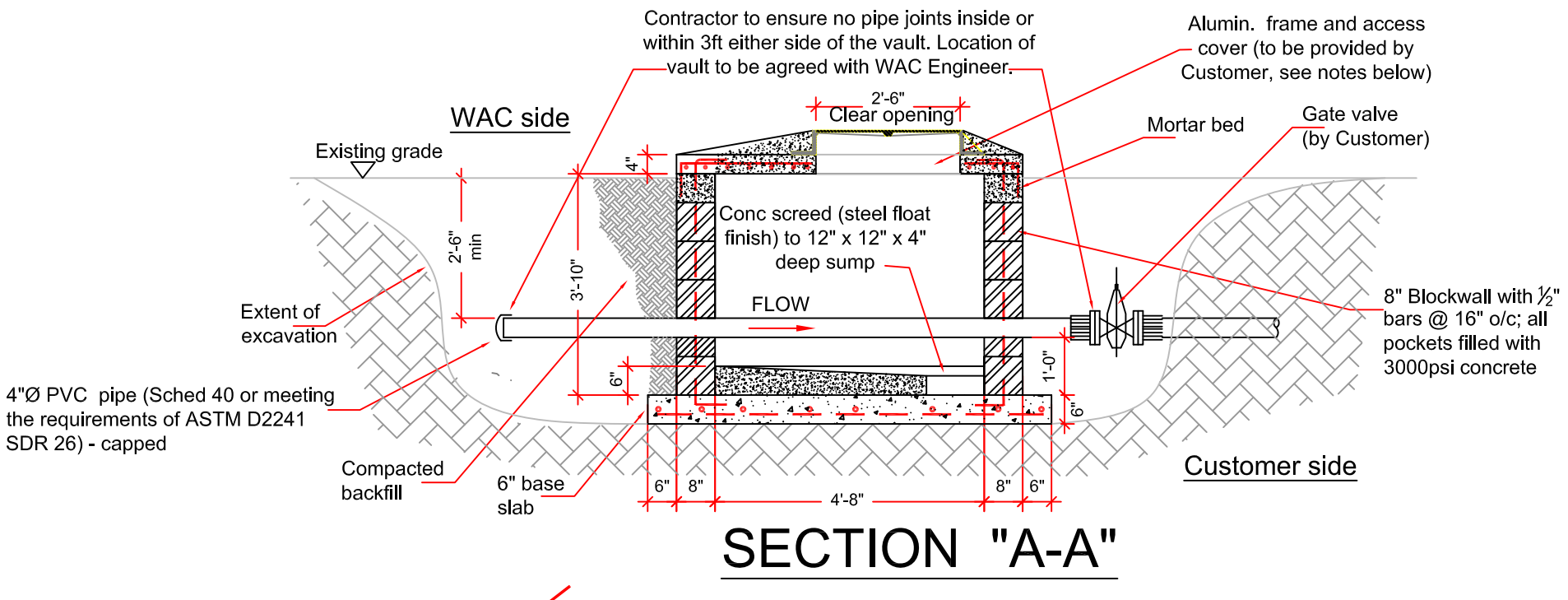
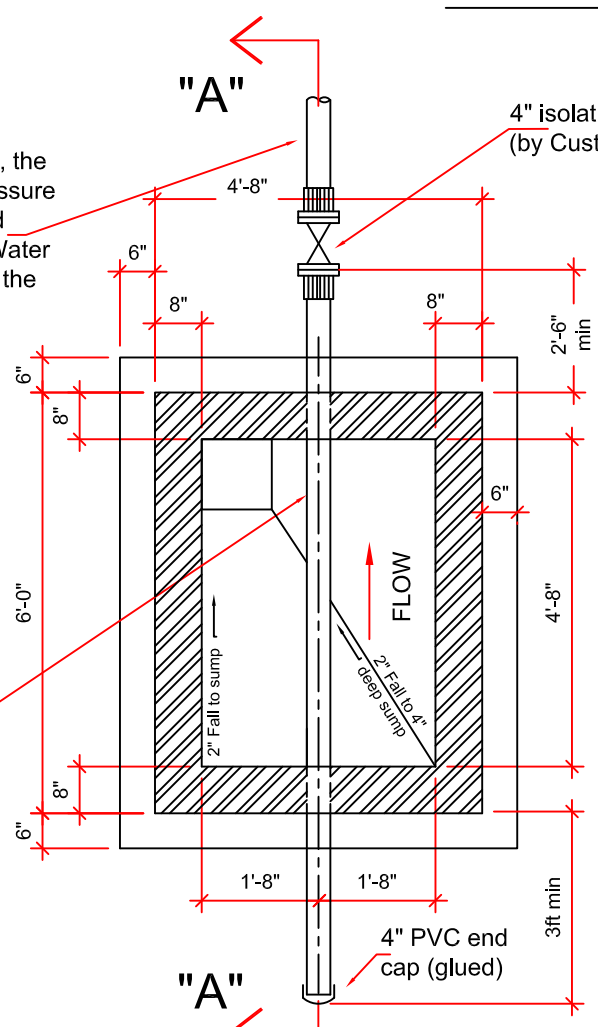


SECTION "A-A"



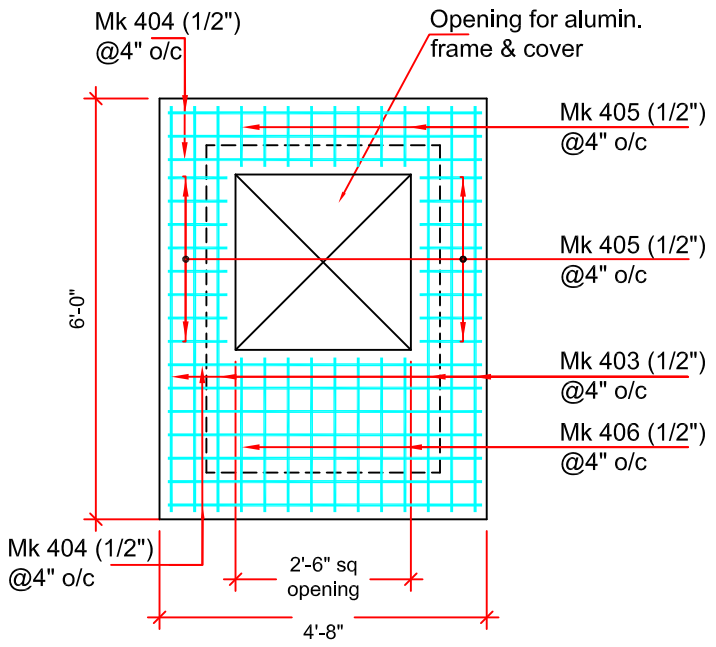
Unless specifically instructed otherwise, the Customer shall provide a Reduced Pressure Zone backflow preventer (of a style and manufacture approved in advance by Water Authority) to be located downstream of the Customer's isolating valve

The Customer shall provide continuous 4"Ø PVC pipe (Sched 40 or meeting the requirements of ASTM D2241 SDR 26) through the meter vault (extending at least 3'-0" beyond the vault wall and capped on the WAC- side). WAC will cut the pipe within the vault to install a 4" combination flow meter and associated fittings.

WAC side

PLAN

(TOP SLAB & COVER NOT SHOWN)



4" Thick RC COVER SLAB

REBAR DETAILS (All 1/2" bars)

8" 5'-4" 8"
11 No. Mk 401 @ 8" o/c in base slab

8" 6'-8" 8"
9 No. Mk 402 @ 8" o/c in base slab

8" 5'-8" 8"
6 No. Mk 403 @ 4" o/c in cover slab

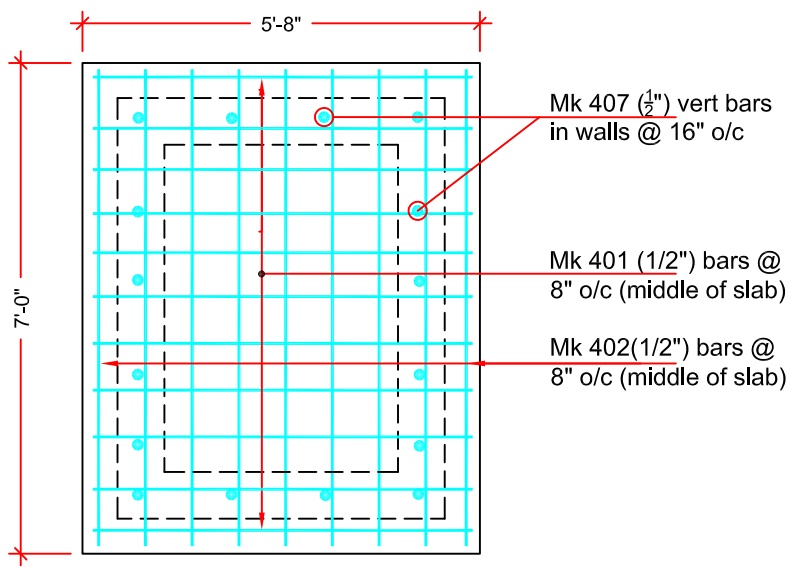
8" 4'-4" 8"
10 No. Mk 404 @ 4" o/c in cover slab

9" 8"
24 No. Mk 405 @ 4" o/c in cover slab

2'-0" 8"
8 No. Mk 406 @ 4" o/c in cover slab

4'-4" 8"
16 No. Mk 407 @ 4" o/c in cover slab

16 No. Mk 407 @ 16" o/c in walls



6" Thick RC BASE SLAB

NOTES

1. The vault's access cover shall be an aluminum, slip resistant, solid top, hinged cover with upstanding frame, incorporating safety stay and staple for padlocking (padlock to be supplied by Water Authority). Minimum clear opening shall be 30" X 30". The cover shall be designed to withstand 0.5 tonnes test loading, non-vehicular traffic.
2. On completion, the meter vault shall be tested for water tightness in accordance with Section 11 of the Water Authority's "Guidelines for Constructing Potable Water Mains"

Network\\AutoCad Drawings\Standard Drawings\Meter Installation Drawings\Autocad Drawings\Meter Vault (Standard 4 inch).dwg

WAC PROJECT NO. P40 | DRAWING NO. MC-01 | SCALE NTS | VIEW – | SHEET – | REV 8

WATER AUTHORITY – CAYMAN

4" WATER METER CHAMBER
CUSTOMER DETAILS

WATER AUTHORITY – CAYMAN
P.O. BOX 1104, GT
CAYMAN ISLANDS
345-949-6352

REV	DATE	BY	DESCRIPTION
8	Dec 2020	CJG	Extend for 100x32mm saddle/valve; add sump
7	Nov 2020	CJG	Customer to provide backflow preventer
6	Nov 2020	CJG	4" pipe to be Sched 40 or SDR 26 & capped
4	Aug 2011	CJG	Chamber extended to fit Z-strainer
2	Feb 2006	CJG	Notes Amended
1	3/2/05	TVZ	Notes Revised

PROJECT NO. PROJ_NO | CHECKED: TVZ | DRAWN BY: CJG | DATE: 28/5/02