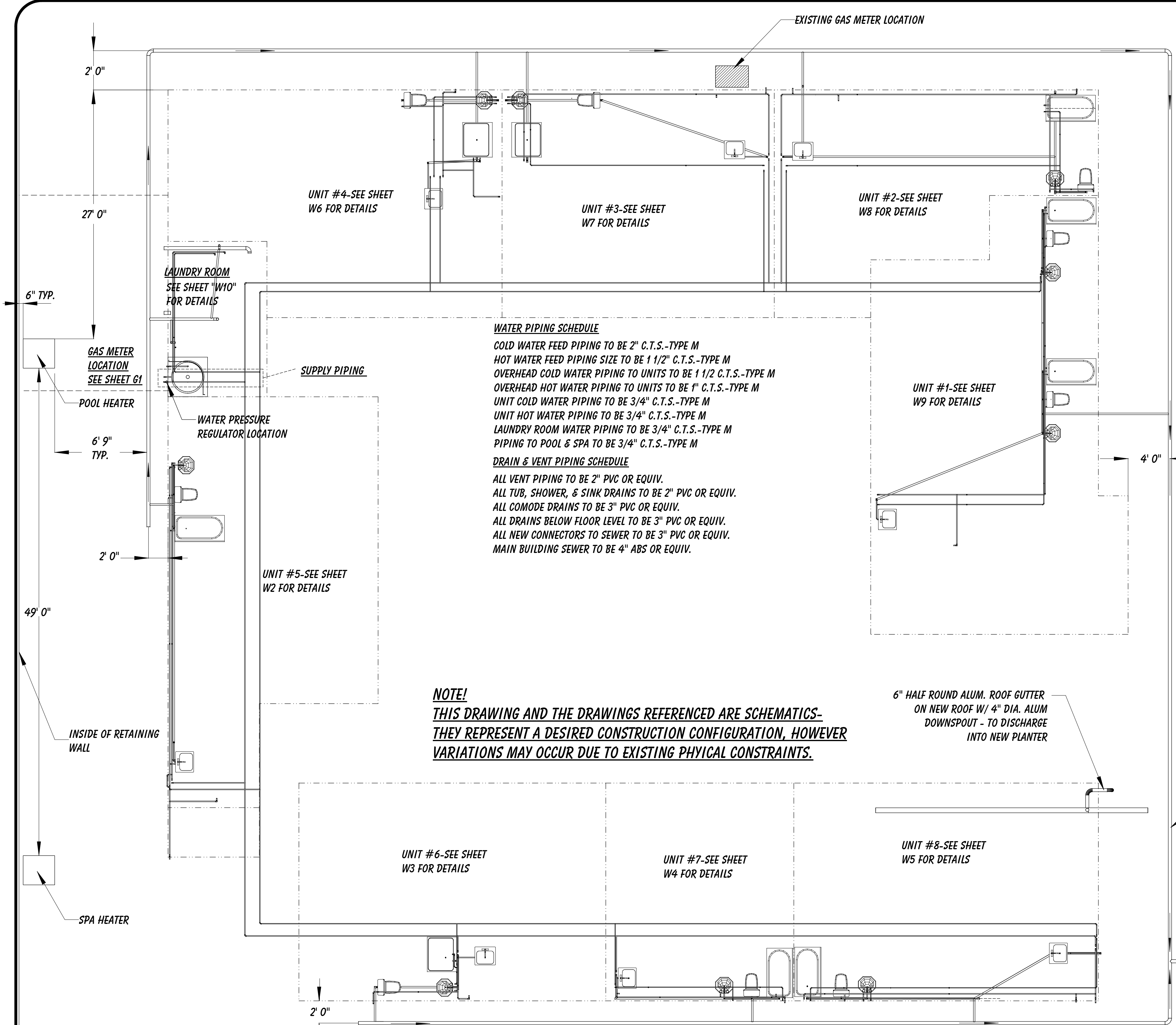


Revisions	
Mark	Date
A	3/10/08
B	4/17/08



**WATER AND DRAIN FIXTURE UNITS:**

**COLD WATER:**  
W/FU'S = 116 (ADJUSTED W/FU'S = 49)  
1 W/FU = 1 GPM X ADJ W/FU'S = 49 GPM  
PIPE SIZE = 1 1/2"  
EQ. DISTANCE = 200 FT. (EST) TO BRANCH  
PRESSURE LOSS = 4.13 PSI  
VELOCITY = 4.9 FPS

**HOT WATER:**  
W/FU'S = 62 (ADJUSTED W/FU'S = 35)  
1 W/FU = 1 GPM X ADJ W/FU'S = 35 GPM  
PIPE SIZE = 1 1/2"  
EQ. DISTANCE = 10 FT. TO BRANCH  
PRESSURE LOSS = 1 PSI  
VELOCITY = 6.1 FPS

**MAX. D/FU'S = 67**  
**DRAIN SIZE = 4"**

**PIPING CAPACITIES**

LOCATION	W/FU'S	PIPE SIZE	VELOCITY -FPS	PRESSURE DROP-PSI	EQUIV. DIST-FT.
TO REGULATOR	49	1 1/2"	8.6	15.3	200
REGULATOR PRESSURE = 45 PSIG					
SUPPLY (COLD)	49	1 1/2"	8.6	2.7	25
SUPPLY (HOT)	35	1 1/2"	6.1	1.5	25
UNITS FEED (COLD)	21	1 1/2"	4.4	1.1	40
UNITS FEED (HOT)	18	1"	5.5	2.4	40
POOL AND SPA	9	3/4"	5.4	1.9	25
LAUNDRY ROOM (COLD)	7	3/4"	3	.8	10
LAUNDRY ROOM (HOT)	7	3/4"	3	.8	10

SEE INDIVIDUAL UNIT DETAILS FOR ADDITIONAL INFORMATION

**GENERAL NOTES:**

- 1.-TIE PLUMBING VENTS INTO EXISTING VENT SYSTEM IF POSSIBLE.
- 2.-ALL HORIZONTAL DRAINS & SEWER TO SLOPE 1/4" PER FOOT.
- 3.-ALL WATER LINES SHALL BE SECURED AND HAVE A SOUND INSULATION WRAP BETWEEN THE PIPE AS IT PASSES THROUGH THE WOOD STRUCTURE.
- 4.-ALL STUBS TO HAVE SHUT-OFF VALVES.
- 5.-WHEN INSTALLING NEW DRAIN LINE BELOW THE FINISHED FLOOR HEIGHT, REMOVE ANY EXISTING DRAIN LINES WHEN NECESSARY. PLUG ALL UN-USED DRAIN OPENINGS IN EXISTING DRAIN LINES.
- 6.-THERE IS NO STORM SEWER SYSTEM IN USE-SEE SHEET D.101 FOR RUN-OFF INFORMATION.
- 7.-ALL UNIT DRAINS ARE A MINIMUM OF 12" BELOW THE FINISHED FLOOR.
- 8.-ALL PIPING SHOWN IS NEW.

**WATER PIPING SCHEDULE**  
COLD WATER FEED PIPING TO BE 2" C.T.S.-TYPE M  
HOT WATER FEED PIPING SIZE TO BE 1 1/2" C.T.S.-TYPE M  
OVERHEAD COLD WATER PIPING TO UNITS TO BE 1 1/2" C.T.S.-TYPE M  
OVERHEAD HOT WATER PIPING TO UNITS TO BE 1" C.T.S.-TYPE M  
UNIT COLD WATER PIPING TO BE 3/4" C.T.S.-TYPE M  
UNIT HOT WATER PIPING TO BE 3/4" C.T.S.-TYPE M  
LAUNDRY ROOM WATER PIPING TO BE 3/4" C.T.S.-TYPE M  
PIPING TO POOL & SPA TO BE 3/4" C.T.S.-TYPE M

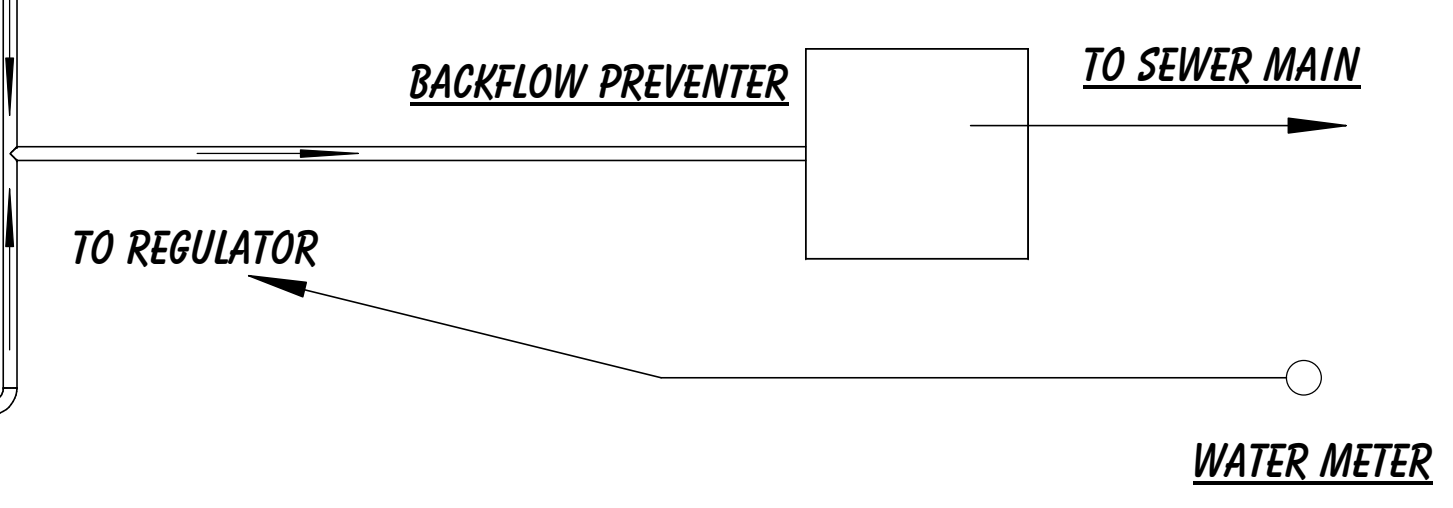
**DRAIN & VENT PIPING SCHEDULE**  
ALL VENT PIPING TO BE 2" PVC OR EQUIV.  
ALL TUB, SHOWER, & SINK DRAINS TO BE 2" PVC OR EQUIV.  
ALL COMODE DRAINS TO BE 3" PVC OR EQUIV.  
ALL DRAINS BELOW FLOOR LEVEL TO BE 3" PVC OR EQUIV.  
ALL NEW CONNECTORS TO SEWER TO BE 3" PVC OR EQUIV.  
MAIN BUILDING SEWER TO BE 4" ABS OR EQUIV.

**NOTE!**  
**THIS DRAWING AND THE DRAWINGS REFERENCED ARE SCHEMATICS-  
THEY REPRESENT A DESIRED CONSTRUCTION CONFIGURATION, HOWEVER  
VARIATIONS MAY OCCUR DUE TO EXISTING PHYSICAL CONSTRAINTS.**

6" HALF ROUND ALUM. ROOF GUTTER  
ON NEW ROOF W/ 4" DIA. ALUM  
DOWNSPOUT - TO DISCHARGE  
INTO NEW PLANTER

NEW 4" ABS SEWER -  
THE DEPTH TO BE DETERMINED BY DEPTH  
OF SEWER LATERAL.

**NOTE:**  
**THE CITY OF PALM SPRINGS HAS NO RECORDS  
CONCERNING THE WATER OR SEWER LINES. THEY  
ONLY SHOW THAT THE SEWER IS CONNECTED!**



The View @ Palm Springs  
Palm Springs, CA 92262

Plumbing Plan View

Scale:  
**Noted**  
Drwn By:  
OME Consultants

Sheet  
**W1**