

**Note:**


1. Set chemical feed pump stroke length and rate adjustment controls to face interior of room for ease of operation and maintenance.
2. In most cases 1/2" and 3/8" OD tubing will be satisfactory. Adjust size of connections, fittings, flow indicators, etc. as needed.
3. Stroke rate and stroke lengths are shown approximate. Field adjust per manufacturer's instruction to achieve desired feed rate.

- 3.05 The appropriate test kit for each chemical feed system shall be included in the project.

Water Meters

Well # 1 Badges Model M25  
Well # 3 Badges Model M70  
Backwash Line - Badger 2" Recordall II Turbo Meter

1. PIPING LAYOUT FOR SCHEMATIC AND SUPPORT PURPOSES ONLY, ACTUAL PIPE AND VALVE ARRANGEMENT MAY VARY.
2. ELECTRICAL PANELS AND CONTROLS SHALL BE AS REQUIRED FOR THE PROPOSED SERVICE. ALL ELECTRICAL WORK SHALL BE ACCOMPLISHED PER NEC.
3. WELL PUMP CONTROLS SHALL BE INSTALLED TO OPERATE AS OUTLINED ON THE PUMP CONTROL SCHEMATIC DIAGRAM.
4. SECURE ALL PUMP HOUSE PIPING TO WALL, CEILINGS OR FLOOR AS NECESSARY TO PROVIDE PIPE THURST RESTRAINT AND SUPPORT. USE GRINDLE PIPE SUPPORTS OR EQUAL.
5. WATERWORKS BUILDING - PIPE AND FITTINGS:  
ALL INTERIOR PIPE AND FITTINGS FOR WATER SHALL BE SCHEDULE 80 PVC, SOLVENT Joints, MARKED "ND-PW" FOR DRINKING WATER. PIPE AND FITTINGS FOR WATER LINES THROUGHOUT THE BUILDING FLOOR SHALL BE SCHEDULE 80 PVC, "ND-PW" FOR DRINKING WATER. ALL PIPE AND FITTINGS FOR THE WASTEWATER DISPOSAL SYSTEM SHALL BE SCHEDULE 40 PVC PIPING BELOW FLOOR. ALL PIPES BELOW FLOOR SHALL BE BEDDED IN MINIMUM 4" SAND.



THE RETREAT  
WATER SYSTEM

**BERKLEY HOWELL & ASSOC., P.C.**  
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VIEWS TO CREATE THIS DRAWING:

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## REVISIONS

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SCALES  
AS SHOWN

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SHEET NO. 11 OF 16

DRAWING NO.

DETAIL 1