


ELEVATION

GENERAL NOTES

1. FURNISH AND DELIVER ONE PRESSURE REDUCING STATION INCLUDING; APPROPRIATE SIZE MAIN INLET AND OUTLET: TWO APPROPRIATELY SIZED CLA-VAL MODEL 90G-01ABC PRESSURE REDUCING VALVES EACH WITH ISOLATING VALVES: 120/240 VOLT POWER PANEL: ALL ASSEMBLED, TESTED AND PAINTED IN A VAULT WITH MINIMUM DIMENSIONS OF 7'H x 8'L x 6'W INSIDE HEIGHT STEEL, SKID-MOUNTED CAPSULE WITH BILCO MODEL MNB-50 ACCESS HATCH, LADDER, FLUORESCENT LIGHT, GRAVITY DRAIN IN SUMP, DEHUMIDIFIER, 240 VOLT HEATER, EXHAUST FAN AND TWO MAGNESIUM ANODE PACKS. ALL APPURTENANCES TO BE APPROVED BY THE DISTRICT.
2. SUPPLIER DELIVERS THE VAULT WITH ALL EQUIPMENT ALREADY INSTALLED IN IT OR EQUIVALENT.
3. CONTRACTOR MUST DIG HOLE, LIFT AND PLACE VAULT AND HOOK UP PIPING.
4. SIZE OF PIPING AND PRV TO BE DETERMINED BY ENGINEER.
5. MUST PROVIDE SUITABLE ACCESS TO THE HATCH FOR INSPECTIONS.
6. VAULT SHALL BE CAPABLE OF WITHSTANDING HS 20-44 TRAFFIC LOADING CONDITIONS.
7. WHERE PIPES PENETRATE WALLS, USE LINK SEAL, PSI SEAL, OR FILL ANNULAR SPACE W/ NON-SHRINK GROUT.
8. COAT ALL EXTERIOR VAULT SURFACES WITH BITUMINOUS DAMP PROOFING.
9. ALL LOW FLOW PIPE SHALL BE BRASS W/ ALL OTHER PIPE AND FITTINGS BEING FLANGED DUCTILE IRON.
10. MEGALUGS SHALL BE USED ON EXTERIOR CONNECTIONS.
11. CONTRACTOR SHALL SUBMIT VAULT PIPING SCHEMATIC W/ VAULT DIMENSIONS TO DISTRICT PRIOR TO ORDERING MATERIALS AND EQUIPMENT.
12. IT SHALL BE THE OWNER'S RESPONSIBILITY TO VERIFY ALL PRV SIZING AND PRESSURE SETTINGS.
13. THE DISTRICT SHALL APPROVE FINAL SIZING OF ALL PRV'S AND VALVES.
14. VAULT SHALL BE OUT OF ROADWAY
15. SEE W-12 FOR SIDE PROFILE

 EAGLE RIVER WATER & SANITATION DISTRICT	
MAIN LINE PRESSURE REDUCING VALVE VAULT	
SCALE: NONE	DATE: 01-01-06
LAST REVISED: 12-31-03	W-13
APPROVED FOR YEAR 2006	