


NOTES:

1. ALL WATER PIPES SHALL BE 8" IN DIAMETER, EXCEPT AS FOLLOWS:
 - A. 6" DIAMETER PIPE WILL BE ALLOWED ON "DEAD-END" RUNS THAT DO NOT EXCEED 150 FEET, DO NOT SERVE FIRE HYDRANTS, AND SERVE ONLY SINGLE FAMILY RESIDENTS.
 - B. 6" DIAMETER PIPE WILL BE ALLOWED UP TO 600 FEET IN LENGTH, PROVIDED IT IS LOOPED TO AN 8" DIAMETER PIPE OR LARGER, THERE ARE NO FIRE HYDRANTS LOCATED OFF OF THE 6" DIAMETER PIPE, AND THE 6" DIAMETER PIPE SERVES ONLY SINGLE FAMILY RESIDENTS.
 - C. IN ORDER TO PROMOTE BETTER CROSS CITY TRANSMISSION, THE CITY ENGINEER, MAY REQUIRE PIPE SIZES LARGER THAN 8" IN DIAMETER TO BE INSTALLED.
2. FIRE HYDRANT LOCATION AND PLACEMENT SHALL BE IN ACCORDANCE WITH THE CITY OF RIPON STANDARDS AND SPECIFICATIONS, AND AS DIRECTED BY THE CITY OF RIPON CONSOLIDATED FIRE DEPARTMENT.
3. GATE VALVES SHALL BE LOCATED SUCH THAT NOT MORE THAN 800 FEET OF WATER LINE WILL SHUT DOWN AT ANY ONE TIME, AND WILL NOT REQUIRE THE SHUT DOWN OF A MAIN TRANSMISSION WATER PIPE. IN NON-RESIDENTIAL AREAS, THE MAXIMUM VALVE SPACING SHALL BE 500 FEET.
4. ALL WATER LINES, VALVES, AND OTHER APPURTENANCES SHALL CONFORM TO AWWA AND CITY OF RIPON STANDARDS FOR 125# PIPE AND FITTINGS. EXCEPT AT SERVICE LINES, ALL VALVES SHALL BE 200# SERVICE RATED.
5. THE CONTRACTOR SHALL CALL THE CITY OF RIPON IF ANY LINES ARE BROKEN AS A RESULT OF HIS/HER OPERATIONS. NO WATER VALVE SHALL BE SHUT OFF BY ANYONE UNLESS SO DIRECTED BY AN AUTHORIZED REPRESENTATIVE OF THE CITY OF RIPON.
6. THE DESIGN OF NEW WATER PIPES SHALL BE SHOWN ON PLANS THAT INCLUDE GRADES DEPICTED IN PROFILE. SUCH PLANS SHALL BE SUBMITTED TO THE CITY ENGINEER FOR APPROVAL PRIOR TO START OF CONSTRUCTION.
7. FINISHED ELEVATION OF INSTALLED PIPE MAY HAVE TO BE DEEPER DUE TO GATE VALVE STEM COVERAGE FOR LARGER PIPE/GATE VALVE SIZES.
8. SPECIAL PERMISSION REQUIRED FROM CITY ENGINEER TO INSTALL PIPE WITH LESS COVERAGE THAN THE MINIMUM STANDARD COVERAGE.

NO.	REVISED	BY	Water Design Data	APPROVED
				
				CITY ENGINEER RCE-28191
DRAWN BY: MCP			CITY OF RIPON	DATE: 2-2-99
CHECKED BY: DJR				STANDARD NO. W-8