

AIR & VACUUM VALVES AT HIGH POINTS, SEE STD DWG NO. 11

BLOW OFF VALVES AT LOW POINT, SEE STD DWG NO. 10

BRIDGE CROSSINGS, SEE STD DWG NO. 13

GATE VALVE SHALL BE INSTALLED ON ALL WATERLINES 8" DIA. & SMALLER SEE STD DWG NO. 5

BUTTERFLY VALVES SHALL BE INSTALLED ON ALL WATERLINE 10" DIA & LARGER SEE STD DWG NO. 6

CENTER WATER SERVICES IN LOTS, SEE STD DWGS NO. 7 AND 12

INSTALL VALVES @ INTERSECTION (TYP)

TRENCH DETAIL SEE STD DWG NO. 2

LOCATE FIRE HYDRANTS AT SIDE LOT LINES SEE STD DWG NO. 4

THRUST BLOCKS AND ANCHORS, SEE STD DWGS NO. 3 AND 9

NOTES:

1. ALL WATERLINES MUST BE INSPECTED BEFORE BACKFILL
2. THERE SHALL BE A PRE-CONSTRUCTION MEETING WITH THE DEVELOPER, DEVELOPER'S ENGINEER, WATERLINE CONTRACTOR, SWDC MANAGER AND THE SWDC ENGINEER BEFORE CONSTRUCTION BEGINS
3. A SET OF MYLAR AS-BUILT DRAWINGS WITH ELECTRONIC AUTOCAD AND GIS FILES SHALL BE PROVIDED TO SWDC BEFORE ACCEPTANCE OF THE WATER SYSTEM IMPROVEMENTS
4. ALL WATERLINES AND WATER SERVICES SHALL HAVE A MINIMUM SEPARATION OF 10 FEET, PIPE EDGE TO PIPE EDGE, WITH SEWER LINES. IF THE 10 FEET SEPARATION CANNOT BE MAINTAINED, THE WATERLINE AND SEWER LINE SHALL BE LAID IN SEPARATE TRENCHES, AND THE BOTTOM OF THE WATERLINE SHALL BE A MINIMUM OF 18 INCHES ABOVE THE TOP OF THE SEWER LINE
5. ALL WATERLINES AND WATER SERVICES SHALL HAVE A MINIMUM VERTICAL SEPARATION OF 18 INCHES FROM STORM DRAIN LINES
6. ALL PLANS AND SPECIFICATIONS SHALL MEET THE REQUIREMENTS OF THE STATE OF UTAH, DEPARTMENT OF ENVIRONMENTAL QUALITY, DIVISION OF DRINKING WATER AND BE SUBMITTED TO THEM FOR THEIR APPROVAL
7. ALL WATERLINES, FITTINGS AND APPURTENANCES SHALL BE SHOWN ON THE DRAWING PLANS AND PROFILES AND BE LOCATED BY DIMENSIONING AND STATIONING
8. ALL WATERLINES SHALL BE CONSTRUCTED IN A PUBLIC RIGHT OF WAY. IF THIS CANNOT BE MET, AND UPON APPROVAL OF SWDC, A 20 FEET WIDE EASEMENT, 10 FEET ON EITHER SIDE OF THE WATERLINE, SHALL BE DEDICATED TO SWDC
9. ALL WATERLINES SHALL BE A MINIMUM PRESSURE CLASS 350, DUCTILE IRON PIPE OR PVC C-900 DR 14 PRESSURE CLASS 200 PIPE.
10. FITTINGS SHALL BE A MINIMUM CLASS 350 DUCTILE IRON WITH MECHANICAL JOINT ENDS, UNLESS RESTRAINED JOINTS ARE REQUIRED BY SWDC
11. ALL WATERLINES SHALL BE DISINFECTED AND FLUSHED ACCORDING TO AWWA C651 STANDARD FOR DISINFECTING WATER MAINS
12. AFTER FINAL FLUSHING AND BEFORE THE WATERLINE IS PLACED INTO SERVICE, WATER SAMPLES SHALL BE COLLECTED FROM THE END OF EACH LINE AND SHALL BE TESTED FOR BACTERIOLOGICAL QUALITY
13. ALL WATERLINES INCLUDING SERVICES SHALL BE PRESSURE TESTED TO A MINIMUM OF 150% OF STATIC PRESSURE OR 200 PSI, WHICH EVER IS GREATER, FOR A 2 HOUR PERIOD WITH NO LEAKAGE OR PRESSURE LOSS. ALL VALVES SHALL BE RATED TO WITHSTAND THE REQUIRED TEST PRESSURE
14. ALL WATERLINES SHALL HAVE COVER OF 4.5 FEET MINIMUM AND 5 FEET MAXIMUM UNLESS OTHERWISE PROVIDED
15. MEGALUGS MAY BE INSTALLED ON CONNECTIONS AND FITTINGS, BUT THRUST BLOCKS SHALL STILL BE REQUIRED
16. NEW WATERLINES SHALL BE SIZED USING A WATER MODELING PROGRAM. RESULTS SHALL BE SUBMITTED TO SWDC'S ENGINEER PRIOR TO PLAN APPROVAL. A MAX 10 FPS FIRE FLOW VELOCITY AND MIN 20 PSI FIRE FLOW RESIDUAL PRESSURE ARE REQUIRED
17. THE PARK CITY FIRE DISTRICT MUST APPROVE THE PLANS AND PROVIDE THE FIRE FLOW REQUIREMENTS FOR THE PROJECT IN A WRITTEN FORMAT

12	9/26/11	TSC	UPDATE NOTE #14 PER SWDC
11	9/4/09	TSC	UPDATE NOTE #9 PER SWDC
10	11/8/07	TSC	UPDATE NOTES PER SWDC
9	9/26/05	TSC	REVISE WATERLINE LOCATION
REV.	DATE	BY	DESCRIPTION



SUMMIT WATER
DISTRIBUTION COMPANY

TYPICAL
WATERLINE PLAN

STD. DWG. NO.

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