

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

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

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

BUTTERFLY VALVES SHALL BE INSTALLED ON ALL WATERLINES 10" DIA & LARGER, SEE STD DWG NO. 6. BUTTERFLY VALVES SHALL HAVE OPERATING NUTS INSTALLED TO THE RIGHT SIDE WHEN STANDING ON THE CROSS

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

INSTALL VALVES @ INTERSECTION (TYP)

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

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

TRENCH DETAIL SEE STD DWG NO. 2

NOTES:

1. ALL WATERLINES MUST BE INSPECTED BEFORE BACKFILL
2. A PRE-CONSTRUCTION MEETING SHALL BE HELD WITH THE DEVELOPER, DEVELOPER'S ENGINEER, WATERLINE CONTRACTOR, SWDC MANAGER AND SWDC ENGINEER PRIOR TO CONSTRUCTION
3. PDF 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 HORIZONTAL SEPARATION OF 10 FEET, PIPE EDGE TO PIPE EDGE, WITH SEWER LINES. IF THE REQUIRED SEPARATION CANNOT BE MAINTAINED, ADDITIONAL DDW APPROVAL IS REQUIRED PRIOR TO START OF CONSTRUCTION
5. ALL WATERLINES AND WATER SERVICES SHALL HAVE A MINIMUM VERTICAL SEPARATION OF 18 INCHES FROM SANITARY SEWER AND 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
7. ALL WATERLINES, FITTINGS AND APPURTENANCES SHALL BE SHOWN ON THE DRAWING PLANS AND PROFILES AND SHALL 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, PVC C-900 DR 14 PRESSURE CLASS 200 PIPE, OR HDPE DIPS PE 4710 DR 17 OR THICKER
10. FITTINGS SHALL BE A MINIMUM CLASS 350 DUCTILE IRON WITH MECHANICAL RESTRAINED JOINT ENDS AND HAVE MEGALUGS WITH TYPE TO MATCH PIPE TYPE
11. ALL WATERLINES SHALL BE DISINFECTED AND FLUSHED ACCORDING TO AWWA C651 STANDARD
12. AFTER FINAL FLUSHING AND BEFORE THE WATERLINE IS PLACED INTO SERVICE, BACTERIOLOGICAL WATER QUALITY SAMPLES SHALL BE COLLECTED FROM THE END OF EACH LINE
13. ALL WATERLINES INCLUDING SERVICES SHALL BE PRESSURE TESTED TO A MIN OF 150% OF STATIC PRESSURE OR 200 PSI, WHICH EVER IS GREATER, FOR 2 HOURS WITH NO LEAKAGE OR PRESSURE LOSS. ALL VALVES SHALL BE RATED TO WITHSTAND THE REQUIRED TEST PRESSURE
14. ALL WATERLINES SHALL HAVE 4.5 FT MIN AND 5 FT MAX COVER UNLESS OTHERWISE APPROVED
15. 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
16. THE PARK CITY FIRE DISTRICT MUST APPROVE THE PLANS AND PROVIDE THE FIRE FLOW REQUIREMENTS FOR THE PROJECT IN A WRITTEN FORMAT
17. THE OPEN ENDS OF ALL PIPELINES UNDER CONSTRUCTION SHALL BE COVERED AND EFFECTIVELY SEALED AT THE END OF EACH DAY'S WORK
18. ALL MATERIALS THAT MAY COME IN CONTACT WITH DRINKING WATER SHALL BE ANSI-CERTIFIED AS MEETING NSF STANDARD 61, DRINKING WATER SYSTEM COMPONENTS-HEALTH EFFECTS
19. DEAD END LINES SHALL BE MINIMIZED. WHERE PRESENT, A FIRE HYDRANT OR BLOWOFF VALVE SHALL BE INSTALLED FOR FLUSHING
20. SURFACE WATER CROSSINGS, WHETHER OVER OR UNDER WATER, SHALL MEET DDW RULE R309-550-8(8) FOR SUPPORT, PIPE JOINTS, SAMPLING TAPS, ISOLATION VALVES, AND TESTING

13	12/31/15	TSC	UPDATE PER SWDC
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
REV.	DATE	BY	DESCRIPTION



SUMMIT WATER DISTRIBUTION COMPANY

TYPICAL WATERLINE PLAN

STD. DWG. NO.

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