ORDINANCE NO. 03-01-2022

AN ORDINANCE AMENDING SANTAQUIN CITY'S STANDARD SPECIFICATIONS AND DRAWINGS, PROVIDING FOR CODIFICATION, CORRECTION OF SCRIVENER'S ERRORS, SEVERABILITY, AND AN EFFECTIVE DATE FOR THE ORDINANCE.

WHEREAS, the City of Santaquin is a fourth class city of the state of Utah and has responsibility of maintaining its infrastructure for the benefit of public health, safety, and welfare; and

WHEREAS, Santaquin City has adopted certain Standard Specifications and Drawings (hereafter "Standards") related to maintaining or constructing new public infrastructure within the city; and

WHEREAS, the Santaquin City Engineers have recommended updating the Standards to help ensure the best reasonably possible installation of infrastructure by development that will be dedicated to and owned by the City; and

WHEREAS, on February 23, 2022, the Santaquin City Planning Commission held a public hearing regarding the recommend changes to the Standards, which hearing was preceded by the posting of public notice in at least three public places within the City limits of Santaquin City; and

WHEREAS, after the noted public hearing, the Santaquin City Planning Commission forwarded a positive recommendation to the City Council for the recommended Standards changes; and

WHEREAS, the City Council desires to amend the City's Standard Specifications and Drawings as recommended by the City Engineers and Planning Commission; and

WHEREAS, the state legislature has granted general welfare power to the City Council, independent, apart from, and in addition to, its specific grants of legislative authority, which enables the city to pass ordinances which are reasonably and appropriately related to the objectives of that power, i.e. providing for the public safety, health, morals, and welfare; and

NOW, THEREFORE, BE IT ORDAINED by the City Council of Santaquin City, State of Utah, as follows:

Section I. Amendments

The Santaquin City Standard Specifications and Drawings are amended as indicated in Exhibit A which is attached hereto and by this reference made part hereof.

Section II. Severability

If any part of this ordinance or the application thereof to any person or circumstances shall, for any reason, be adjudged by a court of competent jurisdiction to be unconstitutional or invalid, such judgment shall not affect, impair of invalidate the remainder of this ordinance or the application thereof to other persons and circumstances, but shall be confined to its operation to the section,

subdivision, sentence or part of the section and the persons and circumstances directly involved in the controversy in which such judgment shall have been rendered. It is hereby declared to be the intent of the City Council that this section would have been adopted if such invalid section, provisions, subdivision, sentence or part of a section or application had not been included.

Section III. Contrary Provisions Repealed

Any and all other provisions of the Santaquin City Code that are contrary to the provisions of this Ordinance are hereby repealed.

Section IV. Codification, Inclusion in the Code, and Scrivener's Errors

It is the intent of the City Council that the provisions of this ordinance be made part of the Santaquin City Code as adopted, that sections of this ordinance may be re-numbered or re-lettered, and that the word ordinance may be changed to section, chapter, or other such appropriate word or phrase in order to accomplish such intent regardless of whether such inclusion in a code is accomplished. Typographical errors which do not affect the intent of this ordinance may be authorized by the City without need of public hearing by its filing a corrected or re-codified copy of the same with the City Recorder.

Section V. Posting and Effective Date

This ordinance shall become effective at 5:00 p.m. on Wednesday, March 2, 2022. Prior to that time, the City Recorder shall deposit a copy of this ordinance in the official records of the City and place a copy of this ordinance in three places within the City.

PASSED AND ADOPTED this 1st day of March 2022.

Daniel M. Olson, Mayor pro-tem

Councilmember Art Adcock
Councilmember David Hathaway
Councilmember Lynn Mecham
Councilmember Elizabeth Montoya
Councilmember Jeff Siddoway
Voted Yes

ATTEST:

Dennis L. Marker, City Recorder

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SATE OF WAS

Ordinance 03-01-2022 Exhibit A - 2022 Standard and Specifications and Drawings Updates

Errata for

Changes made to the Santaquin City Standard Specification and Drawings

Division 3

The proposed change to section 3.05 Subsection F addresses an issue of vehicles driving over the residential
pressurized irrigation boxes and damaging the meter boxes. This update also adds text to match the standard
drawing for pressure irrigation service connections shown on standard drawing PI 2??

Section 3.05 Subsection F.

Service box shall be an 11-3/4-13-inch by 16-24-inch standard greentraffic rated, fiberglass-irrigation box with cover. Service box shall be installed over the Ori-Seal valve and hose bibFord BA43-344W Ball Meter Valve. A sign shall be attached or embossed to or on the cover indicating as follows: "IRRIGATION" Box shall be Brooks 1419 series utility box with lid recessed and Box shall be DFW Plastics 1324C4-12-4T 63D or approved equivalent. The meter box shall be provided with Waterworks Pentagon Head locking device or equivalent. The meter will be supplied by the City. The City shall be responsible to locate and install the meter in the service box. A PVC pipe jumper, consisting of a PVC pipe and male adapter shall be installed from the service valve to the sleeve under the sidewalk to provide proper alignment of the meter from the service valve to the homeowner's property.

Division 3A

• The proposed change to section 3A.05 Subsection D is to address the issue of service meter antennas from being damaged from landscape maintenance and vehicles driving over the culinary water meter boxes.

Section 3A.05 Sub-section D:

The City will furnish and install the meter. The double check valve, meter setter assembly, meter box and cover will be furnished by the Developer/Contractor and the entire installation, excluding the meter, shall be made by the Developer/Contractor. The cover shall have a recessed center for the MXU antenna. The service line shall be installed from the house to where the service line was stubbed from the water main, a thirty-inch (30") diameter hole excavated where the meter is to be installed prior to City crews installing the meter. No meters shall be located in sidewalks or driveways.

The Developer/Contractor shall furnish the meter box and cover for meters larger than one-inch (1"). The materials and type of box shall be approved by the Public Works.

If a meter box is located within a drive approach the standard meter box shall be replaced with a H20 load traffic rated box.

Division 5

 The proposed change to Section 5.01 is to ensure that Santaquin City Standards match Utah State Administrative Rule R317-3-2-2.4-A-4

Section 5.01: Spacing between Sanitary sewer manholes shall not exceed 400 feet.

Division 6

 The proposed change to Section 6.03 is to allow for the more effective operation of Santaquin City's water system.

Section 6.03: Valves in sizes greater than 1210" shall be butterfly valves and Av-Tech Double Eccentric Butterfly valve 2504 or an "equal" as approved by the Public Works Director and City Engineer and shall conform to the latest revision of AWWA Standard C504, Class 150-B, and comply with the following:

The proposed change to Section 6.06 is to allow Santaquin City Public Works Director and City engineer to review multiple options for fire hydrants.

Section 6.06_FIRE HYDRANTS: Fire hydrants shall be "traffic model" type designed to conform to AWWA Specification C502 and shall be of either the compression or toggle joint type. Hydrants shall be Waterous "Pacer" or an equal as approved by the City Engineer and Public Works Director.

Hydrant valves shall be a minimum of 6-inch size. Hydrants shall be supplied complete with two 2 1/2-inch hose nozzles and one 4 1/2-inch pumper nozzle. All nozzles shall be provided with National Standard threading. A one cubic yard gravel sump shall be provided at each hydrant. All hydrants shall be mechanical joint end and shall be connected to the main by means of a mechanical joint by flanged tee and flanged by mechanical joint auxiliary gate valve and box as shown on the Standard Drawings. Each hydrant shall also be supplied with O-ring seals, a National Standard pentagon operating nut which is designed for clockwise rotation closing, and a 6-inch mechanical joint inlet. The color of the hydrant shall be red.

Set hydrants plumb with the pumper nozzle perpendicular to and facing roadway. The hydrant shall be set so the flange is one-tenth of a foot (0.10) above the elevation of the top back of curb. Hydrants shall be located in planter strips and at property lines where possible.

Final fire hydrant placement, design, demand, operating pressure and fire flow will be approved by the City engineer/fire chief for compliance with applicable local, state and national codes.

Division 12

 The proposed change to Section 12.07 is to allow for a slip forming and placement method for curb and gutter installation and would extend the maximum expansion joint spacing from 30 feet to 100 feet only for slip formed curbing.

Section 12.07 Construction of curb, gutter and sidewalk - Curb and gutter to be installed with bituminous asphalt cement pavement shall have contraction joints placed every 10 feet by use of 1/8-inch steel template of the exact cross section of the curb and gutter. Where dividing plates are used joints shall have a minimum of 2-inches of concrete under the plate, or the joint will be sealed with an approved sealant. Remove the templates as the concrete takes initial set. Cut the joint 1-1/2 inches deep when using the slip form method to place the concrete. Use 1/2-inch thick, pre-molded, expansion joint filler at curb and gutter radii, where the curb and gutter abuts a solid object and at intervals not to exceed 30 feet, unless otherwise specified by the Public Works Representative/Engineer. When a slip forming method is used to install curb and gutter, expansion joints shall be a maximum spacing of 100 feet.

Division 17

• The proposed change to Section 17.02 will add two addition 2" conduits along the frontage of the development in order to provide conduits to be available for future communications infrastructure.

Section 17.02 Utility Conduit: Two – two-inch (2") (initially empty) communications conduits shall be installed parallel and congruent to all primary and secondary power conduits such that communication lines can serve all lots individually. Communications service boxes labeled "Communications" shall be installed above the communications conduits directly adjacent to all power boxes (i.e. ground sleeves, transformers, etc.).

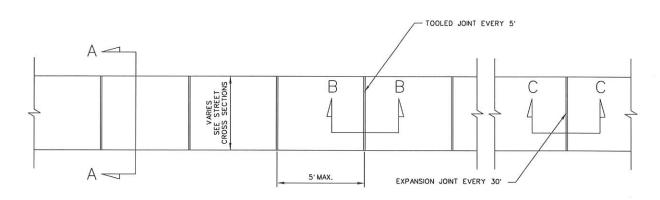
Division 20

The proposed change to Section 20.03 is to provide City standards for accessory type gravel driveways

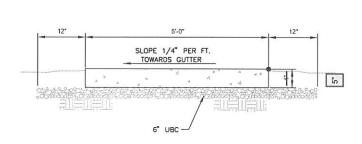
Section 20.03 GRAVEL DRIVE APPROACHES: All gravel driveway extensions shall have a minimum of 4 inches of one half (1/2) inch angular gravel over a Mirafi 600 or equivalent fabric. No pea-gravel or rounded type gravel materials are allowed.

Standard Drawings

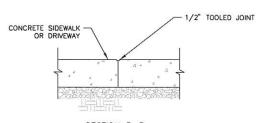
- Sheet CG5 Changes the Sidewalk Cross Section to 5" of concrete for residential sidewalk and changes to 8" of road base for commercial sidewalks.
- Sheet UT2 Include location of 2-2" utility conduits
- Sheet ST3
 - Added note: 55' street cross section will no longer be used within developments that submit a
 development application after the date that these specifications are approved.
 - o Adjusted Cul-de-sac diameter to be 96 feet (per IFC code appendix D103.1)
- Sheet ST2 Added note:
 - o 26' private street cross section will no longer be used within developments that submit a complete development application after the September 2, 2017.
 - o 55" Rural local road cross section will no longer be used within developments that submit a development application after the date that these specifications are approved.
- Sheet W1 Water meter lid update Part # DFW12AFD-1WT 63D-LID (Consistent with Division 3A text change listed above)



PLAN VIEW



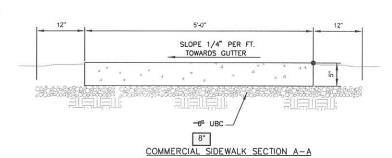
RESIDENTIAL SIDEWALK SECTION A-A



SECTION B-B

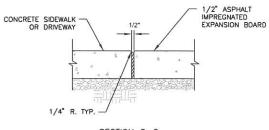
NOTE:

TOOLED JOINT IS TYPICAL FOR CURB, GUTTER, SIDEWALK, AND BLOCKOUTS



NOTES:

- PROVIDE A TOOLED JOINT EVERY 10'-0" IN CURB & GUTTER, & EVERY 5'-0" IN SIDEWALK.
- PROVIDE AN EXPANSION JOINT EVERY 30'-0" IN SIDEWALK.
- PLACE UBC UNDER CONCRETE SIDEWALK, AND 12" BEYOND FRONT AND BACK OF WALK



SECTION C-C

NOTE:

EXPANSION JOINT IS TYPICAL FOR CURB, GUTTER, SIDEWALK, AND BLOCKOUTS

SIDEWALK DETAILS

NOT TO SCALE

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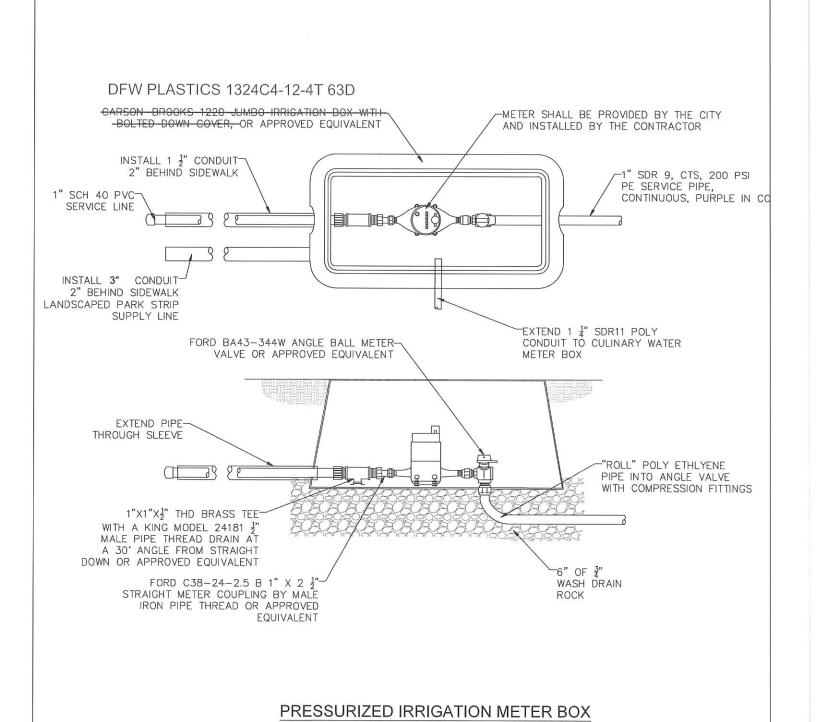
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REVISION					
1	CHANGED EXPANSION JOINT SPACING TO 30 FEET	NEB I	M.C	11/201	
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VO.	DESCRIPTION	BY	APR.	DATE	

1 AAT antaquin SIDEWALK DETAILS

SANTAQUIN CITY 275 WEST MAIN STREET CG5



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REVISTOR!

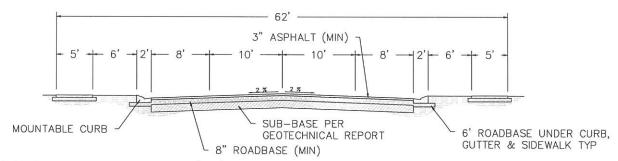
REVISION ST APR DATE



PRESSURE IRRIGATION METER BOX SANTAQUIN CITY 275 WEST MAIN STREET

PI2

ADOPTED DATE: 19 - OCT - 16



NOTES:

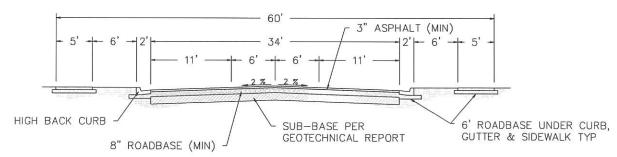
NOTES:

- 1. THE DEVELOPMENT REVIEW COMMITTEE (DRC) MAY REQUIRE THE ADDITION OF RIGHT TURN LANES AT INTERSECTIONS.
- 2. THE DEVELOPMENT REVIEW COMMITTEE (DRC) MAY MODIFY THIS SECTION FOR DEVELOPMENTS WITH AVERAGE BUILDABLE SLOPE > 10%.

2-LANE/PARKING BOTH SIDES 62' MAJOR LOCAL

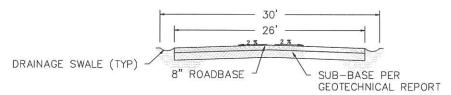
62' LOCAL

AS APPROVED BY CITY COUNCIL ON MARCH 1, 2022, THIS IS NOW THE MINIMUM CROSS SECTION FOR ALL NEW LOCAL STREETS/ROADS



- 1. THE DEVELOPMENT REVIEW COMMITTEE (DRC) MAY REQUIRE THE ADDITION OF RIGHT TURN LANES AT INTERSECTIONS.
- THE DEVELOPMENT REVIEW COMMITTEE (DRC) MAY MODIFY THIS SECTION FOR DEVELOPMENTS WITH AVERAGE BUILDABLE SLOPE > 10%.

3-LANE/NO PARKING 60' COLLECTOR



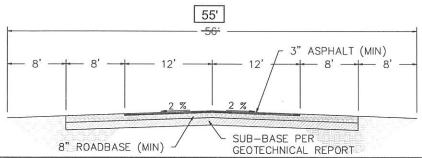
NOTES: THE TURN-A-ROUND TO MEET THE REQUIREMENTS OF TEH INTERNATIONAL FIRE CODE APPENDIX D (LATEST ADOPTED VERSION).

26' RURAL PRIVATE LANE CROSS SECTION

NOTES:

STANDARD ROAD CROSS SECTIONS MAY BE MODIFIED IN HILLSIDE DEVELOPMENT ZONES ACCORDING TO A DEVELOPMENT AGREEMENT.

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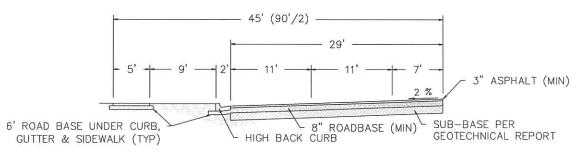


55' RURAL LOCAL ROAD STREET CROSS SECTION WILL NO LONGER BE USED WITHIN DEVELOPMENTS THAT SUBMIT A COMPLETE DEVELOPMENT APPLICATION AFTER MARCH 1, 2022.

THE TURN-A-ROUND TO MEET THE REQUIREMENTS OF THE INTERNATIONAL FIRE CODE APPENDIX D (LATEST ADOPTED VERSION).

55' RURAL LOCAL ROAD CROSS SECTION

NOT TO SCALE

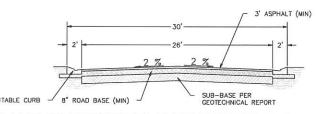


NOTES:

- THE DEVELOPMENT REVIEW COMMITTEE (DRC) MAY REQUIRE THE ADDITION OF RIGHT TURN LANES AT INTERSECTIONS.
- THE DEVELOPMENT REVIEW COMMITTEE (DRC) MAY MODIFY THIS SECTION FOR DEVELOPMENTS WITH AVERAGE BUILDABLE SLOPE > 10%.

5-LANE/NO PARKING 90' ARTERIAL

NOT TO SCALE



NOTES:

THE TURN-A-ROUND TO MEET THE REQUIREMENTS OF THE INTERNATIONAL FIRE CODE APPENDIX D (LATEST ADOPTED VERSION).

26' PRIVATE STREET CROSS SECTION

NOT TO SCALE

26' PRIVATE STREET CROSS SECTION WILL NO LONGER BE USED WITHIN DEVELOPMENTS THAT SUBMIT A COMPLETE DEVELOPMENT APPLICATION AFTER SEPTEMBER 2, 2017

NOTES:

STANDARD ROAD CROSS SECTIONS MAY BE MODIFIED IN HILLSIDE DEVELOPMENT ZONES ACCORDING TO A DEVELOPMENT AGREEMENT.

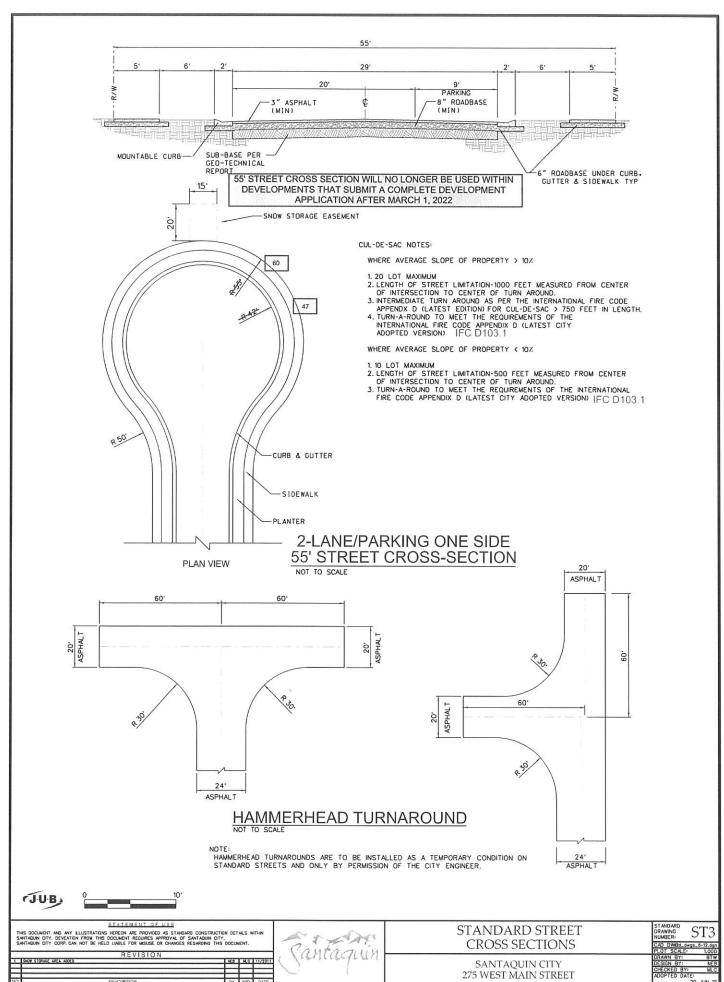
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REVISION

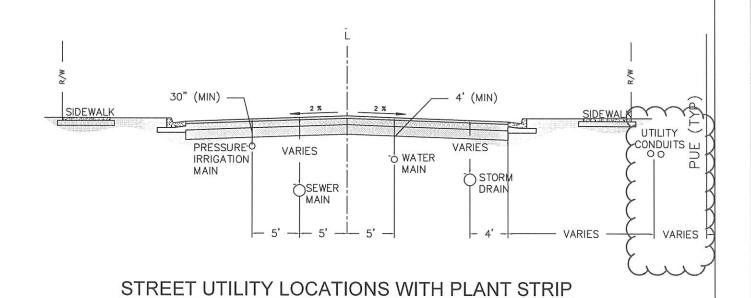
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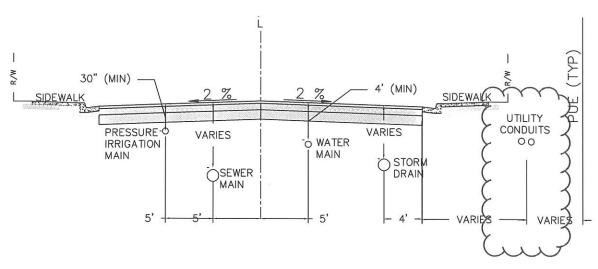
STANDARD STREET
CROSS SECTION
SANTAGUIN CITY

ST2

SANTAQUIN CITY 275 WEST MAIN STREET



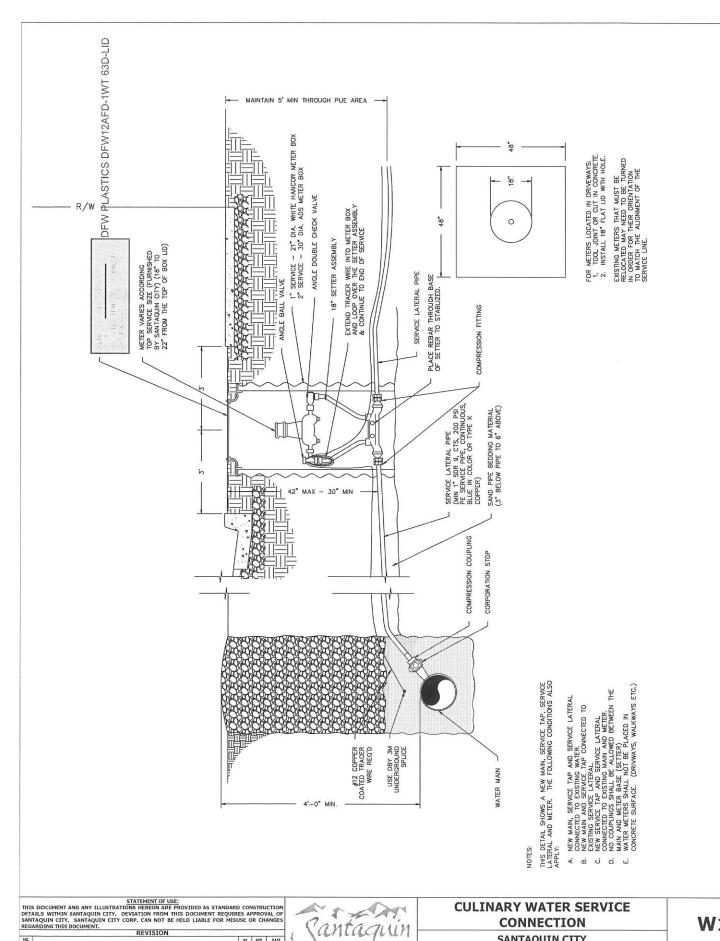




STREET UTILITY LOCATIONS SECTIONS

- IRRIGATION MAINS SHALL BE LOCATED 10 FEET SOUTH & WEST OF CENTER OF THE STREET. WATER MAINS SHALL BE LOCATED 5 FEET NORTH & EAST OF CENTER OF THE STREET. SEWER MAINS SHALL BE LOCATED 5 FEET SOUTH & WEST OF THE CENTER OF THE STREET. STORM DRAIN SHALL BE LOCATED 4 FEET FROM THE LIP OF GUTTER ON NORTH & EAST SIDE OF THE STREET.
- STORM DRAIN SHALL BE LOCATED LOWER THAN THE WATER MAIN.
- 6. UTILITY CONDUITS: SEE SECTION 17.02

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				275 WEST MAIN STREET	ADOPTED DATE: 19 - OCT - 16



CULINARY WATER SERVICE CONNECTION

W1

ADOPTED DATE: 19 - OCT - 16

SANTAQUIN CITY

275 WEST MAIN STREET

STATE OF UTAH)
) ss.
COUNTY OF UTAH)

I, DENNIS L MARKER, City Recorder of Santaquin City, Utah, do hereby certify and declare that the above and foregoing is a true, full, and correct copy of an ordinance passed by the City Council of Santaquin City, Utah, on the 1ST day of March 2022, entitled

"AN ORDINANCE AMENDING SANTAQUIN CITY'S STANDARD SPECIFICATIONS AND DRAWINGS, PROVIDING FOR CODIFICIATION, CORRECTION OF SCRIVENER'S ERRORS, SEVERABILITY, AND AN EFFECTIE DATE FOR THE ORDINANCE."

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the Corporate Seal of Santaquin City Utah this 1st day of March, 2022.

DENNIS L. MARKER

Santaquin City Recorder

AFFIDAVIT OF POSTING

STATE OF UTAH)		
) ss.		
COUNTY OF UTAH)		

I, DENNIS L. MARKER, City Recorder of Santaquin City, Utah, do hereby certify and declare that I posted in three (3) public places the ordinance, which is attached hereto on the 2nd day of March, 2021.

The three places are as follows:

- 1. Zions Bank
- 2. Post Office
- 3. City Office

I further certify that copies of the ordinance so posted were true and correct copies of said ordinance.

DENNIS L. MARKER Santaquin City Recorder

The foregoing instrument was acknowledged before me this 2nd day of March, 20 22, by DENNIS L. MARKER.

Notary Public

