CITY OF REXBURG
ORDINANCE APPENDIX B - SEPTEMBER 2023

NOW THEREFORE, be it ordained by the Council of the City of Rexburg, in the State of Idaho, as follows:

SECTION 1: **AMENDMENT** "10.08.010 Blocks" of the Rexburg Development Code is hereby *amended* as follows:

AMENDMENT

10.08.010 Blocks

A. Block lengths ~~shall~~ are required to not exceed seven ~~-~~hundred (700') feet as measured along the street centerline intersection to centerline intersection.
    1. **Exception.** Block lengths may extend up to one thousand four hundred (1400') feet with approval from the Public Works Director.
B. Block design shall provide for two (2) tiers of lots except under special conditions where this is not feasible or practical.

SECTION 2: **AMENDMENT** "APPENDIX B ENGINEERING STANDARDS" of the Rexburg Development Code is hereby *amended* as follows:

AMENDMENT

APPENDIX B ENGINEERING STANDARDS

~~**RESOLUTION 2016-15**~~**ENGINEERING STANDARDS**
~~(*Updating Resolution 2008 – 17*) BE IT RESOLVED by the Mayor and City Council of the City of Rexburg, Idaho that effective December 7th, 2016, the City of Rexburg adopts the standards and specification set forth in the current edition of the Idaho Standards for Public Works Construction and Supplemental Conditions - Standard Drawings & Specifications, as the City of Rexburg's minimum Standard Drawings & Specifications and any additions, amendments or addenda thereto established by the City Engineer. FURTHERMORE, ANY SUBDIVISION WHICH SHALL REQUEST ANNEXATION INTO THE City of Rexburg or any subdivision which is in the Rexburg Impact Zone and all lots less than one acre in size, must be in substantial compliance with the Rexburg Standard Drawings & Specifications prior to being annexed or approved, unless modified by an annexation or development agreement. The terms of this resolution, if in conflict with any existing Ordinances or Resolutions, shall be controlling. Specifically, this Resolution applies to Chapter 13 of the City of Rexburg Development Code.~~

~~ADDITIONALLY, the City establishes the following policies and guidelines.~~ The City of Rexburg reserves the right to place on hold / shut down any project due to the springtime thaw.

STANDARD ENGINEERING DRAWINGS LINK

~~A. **STREETS – Streets shall have as a minimum**:~~

~~1. 7' Landscape Strip followed by a 5' wide Portland Cement concrete sidewalks on both sides of street per City of Rexburg Standards.~~
~~2. Curb & Gutter (as required per zoning)~~
~~a. Portland Cement Concrete Curb & Gutter on both sides.~~
~~b. Minimum grade = 0.30%.~~
~~3. Street Ballast Thickness~~
~~a. Residential Streets~~
~~(1) 2 1/2-inch thickness of hot asphalt plant mix.~~
~~(2) 3 1/2-inch thickness of 3/4-inch Aggregate Base.~~
~~(3) Granular sub base material thickness as required by the City Engineer. (Normally 12 inches with Mirafi 160 N or approved equal geotextile fabric below and up sides, but may vary depending on traffic volumes and strength of subgrade soils.)~~
~~b. Arterial Streets & Heavy Duty Industrial Commercial Streets~~
~~(1) 3 1/2-inch thickness of hot asphalt plant mix.~~
~~(2) 6-inch thickness of 3/4-inch Aggregate Base.~~
~~(3) Granular sub base material thickness as required by City Engineer. (Normally 20 inches with Mirafi 160 N or approved equal geotextile fabric below and up sides, but may vary depending on traffic volumes and strength of sub-grade soils.)~~
~~4. Asphalt Chip Seal of street surfaces to be placed within 2 years of the date the street surface is constructed or may be included in a City Seal Coat project if such is approved in the Annexation/Development Agreement.~~
~~5. Street right-of-way widths and curb-to-curb widths shall be as per City of Rexburg Standards for the street type, unless otherwise approved by the City Engineer.~~
~~6. Testing of street construction to be in accordance with current ISPWC.~~
~~7. PEO (Pedestrian Emphasis Overlay)~~
~~a. Minimum of a 7' Landscape Strip followed by an 8' wide Portland Cement concrete sidewalk per City of Rexburg Standard Drawings.~~
~~b. Back of sidewalk to be installed at property line unless otherwise approved by City Engine~~er.

~~B. **STREET LIGHTING**~~

~~1. All street light wiring installed for the City of Rexburg shall be in an approved method of electrical conduit according to the currently adopted National Electrical Code (NEC).~~
~~2. No direct burial cable without conduit shall be accepted by the City of Rexburg if owned by, or proposed to be owned by the City of Rexburg.~~

3. All installations of electrical wiring for the purpose of street lighting shall meet the current NEC adopted by the City.
4. All new conduits installed shall also be inspected by a City of Rexburg Designated official prior to covering.
5. As-built electronic drawings must be submitted to City of Rexburg.
6. All street lighting to comply with City of Rexburg Standard drawings and Chapter 10 of the City of Rexburg Development Code.
7. Street lights at intersection shall be American Electric Lighting number ATBM D MVOLT R3 AO with Hapco RTA30D8B4T1E or as approved by City Engineer.
8. A light as defined in g. above may also be required mid-block if the spacing between intersections exceeds 400 feet.
9. PEO (Pedestrian Emphasis Overlay)
    a. Street lighting to be have a maximum spacing of 100 feet on each side of the street.
10. Street light model to be EH22 FT 63LED 525MA 4K GCF R2 MVOLT ANDB/EAE5-1 FINISH ANDB/ EPSX-20-S5 FINISH ANDB or as approved by the City Engineer.

C. **STORM SEWER**

1. Minimum storm drain pipe size shall be 12-inch diameter.
2. Manholes shall be spaced per IDAPA.
3. At manholes, pipes of differing diameters shall be located (vertically) so as to match their 0.6 diameter points.
4. Minimum pipe grades shall be per the IDAPA.
5. Storm Sewer mains shall be stubbed out to the edges of developing property to allow for future storm sewer main line service to adjacent property. Storm Sewer mains shall be kept as deep as practical beyond development to provide the possibility of storm sewer service.
6. Developers are financially responsible for a minimum twelve (12) -inch diameter storm drain main or such larger size storm drain size as may be needed to provide for storm drainage run off from the proposed new development.
7. Developers are financially responsible for storm drain line depth up to sixteen feet (16') to pipe flow line. Deeper depths that are necessitated to serve adjacent yet-to-be developed property will be participated in by the City as such may be approved in the Annexation/Development Agreement.
8. Storm Runoff
    a. Storm drainage rainfall values and run off coefficients shall be as established in accordance with State of Idaho Catalog of Storm Water Best Management Practices.
    b. The peak flow rate and maximum water surface elevations must be calculated for the 100-year/1-hour storm event.
    c. The overflow route shall direct the 100-year/1-hour post-development flow safely towards the downstream conveyance system. Facilities that do not have an adequate overflow location or bypass path must

be sized to fully infiltrate/drain the 100-year/1-hour event.

d. The City of Rexburg uses the 25-year/1-hour event for sizing of on-site runoff storage facility, if it can be shown that downstream facilities can safely accommodate flows in excess of the 25-year/1-hour event.

e. Discharge into existing facilities must be restricted to the pre-development level unless otherwise approved by City Engineer.

f. Catch basin grate must be Neenah Model Number R-3067 or approved equal. Catch Basins must be designed to accept peak runoff flow rate.

9. Acceptance of the storm sewer facilities are based on the following criteria:
   a. Bedding and backfilling of trenches shall be constructed in accordance with current ISPWC, unless otherwise specified by City Engineer.
   b. Perform all testing in the presence of the City Engineer or his assigned agent.
   c. Testing per ISPWC Specifications.
   d. Final Testing: Perform final testing after backfilling and compaction and following installation of other utilities, but prior to surface restoration.
   e. On-site runoff storage facilities must be inspected prior to final surface restoration.
   f. A signed "Letter of Acceptance" from the City will be required prior to final surface reconstruction (i.e.: paving, landscaping, etc.).

D. **WATERLINES**

1. Water lines shall be Class 50 Ductile Iron. Minimum water main size shall be 8-inch diameter, unless a 6-inch line is specifically approved by the City Engineer.
2. Water service stub outs are to be placed at corner of the lot where practical. Water meters and curb stops are to be placed within the landscaping strip. The water service lines are to be extended to the back of the utility easement. Refer to Utility Location Standard Drawing.
3. Fire flow requirements, fire hydrant spacing and related waterline size(s) shall be as required in the International Fire Code for zones or developments.
4. Gridded and/or looped water mains are to be installed whenever possible. Six (6)-inch mains may have up to three hundred (300) feet of dead end service with one standard fire hydrant; eight (8) -inch or larger mains, up to five hundred (500) feet of dead-end service with up to two (2) standard fire hydrants or one standard fire hydrant and one fire sprinkler system on the dead-end. Flush hydrants are not allowed in place of standard fire hydrant.
5. Minimum depth of cover over water mains shall be 5 feet unless otherwise approved by the City Engineer.
6. Water mains shall be valved at intersections and other locations so that not more than 600-foot-long segment of water main has to be taken out-of-service to provide needed maintenance / repair work. Additional valving may be

required for construction and testing purposes.

7. Water mains shall be stubbed-out to the edges of developing property to allow for future water main service to adjacent property and to provide the required looping / gridding of the overall water main system.

8. Individual house/business water service lines shall be stubbed-out to lots adjacent to new streets to eliminate the need for future excavation work in new streets.

9. Developers are financially responsible for a minimum eight (8) -inch diameter water main or such larger size water main as may be needed to provide the required fire flow for the proposed new development. (See Item 3 above and International Fire Code requirements.)

10. Water line stub-outs to be ball-type corporation and curb stop adapter, poly-by-female metal pipe, and rated at 300 psi minimum working pressure. Approved water line materials are class 200 psi polyethylene pipe.

11. Red Fire Hydrant to be Mueller, Waterous, or Clow Brands with KOCHEK (model SZMC5054-3-Y Storz adapter or approved equal.

12. Water main valves to be Resilient Wedge Gate Valves for 10" and smaller diameter pipes and Butterfly Valves for larger diameter pipes rated at 250 psi or more working pressure. Double disc gate valves will not be accepted.

13. Acceptance of the water lines are based on the following criteria:
    a. Bedding and backfilling of trenches shall be constructed in accordance with current ISPWC, unless otherwise specified by City Engineer.
    b. Perform all testing in the presence of the City Engineer or his assigned agent.
    c. All testing in accordance with ISPWC Specifications.
    d. A signed "Letter of Acceptance" from the City will be required prior to final surface reconstruction (i.e.: paving, landscaping, etc.).

E. **SANITARY SEWER**

1. Minimum sanitary sewer main size shall be 8-inch diameter.
2. Sanitary sewer lines to be ASTM D3034, SDR 35, or ASTM F679 or engineers accepted equivalent for gravity sewer and ANSI/AWWA C900, Class 150, or engineers accepted equivalent for pressure sewer lines.
3. Manholes shall be no more than 400 feet apart or per ISPWC.
4. At manholes, pipes of differing diameters shall be located (vertically) so as to match their 0.6 diameter points.
5. Minimum pipe grades shall be per the IDAPA.
6. Sewer mains shall be stubbed out to the edges of developing property to allow for future sewer main service to adjacent property. Sewer mains shall be kept as deep as practical so as to provide the possibility of sewer service to as large an area as possible.
7. Individual house/business sewer service lines shall be stubbed-out to lots adjacent to new streets so as to eliminate the need for future excavation work in new streets. Service lines to be near the center of the lots and 10' horizontally from the water service.

8. ~~Developers are financially responsible for a minimum eight (8) - inch diameter sewer main or such larger size sewer main as may be needed to provide sewer service for the proposed new development.~~

9. ~~Developers are financially responsible for sanitary sewer or storm drain line depth up to sixteen feet (16') to pipe flow line. Deeper depths that are necessitated to serve adjacent yet-to-be developed property will be participated in by the City as such may be approved in the Annexation/Development Agreement.~~

10. ~~In an area were city sewer services are unavailable, a house sewer service line shall be constructed and marked anywhere from 10' from the side of the house facing the street to the edge of the utility easement to facilitate an easy connection to a future sanitary sewer main in the street.~~
11. ~~Acceptance of the sanitary sewer are based on the following criteria:~~
    a. ~~Bedding and backfilling of trenches shall be constructed in accordance with current ISPWC, unless otherwise specified by City Engineer.~~
    b. ~~Perform all testing in the presence of the City Engineer or his assigned agent.~~
    c. ~~Testing per ISPWC Specifications.~~
    d. ~~Pipe Cleaning~~
        (1) ~~After the pipe ends have been grouted according to ISPWC Division 500 Section 502.3.5 and prior to CCTV inspection, the completed pipeline will be cleaned with a hydro cleaner by a city crew according to ISPWC Division 500 Section 501.3.4~~.
    e. ~~Closed Circuit Television (CCTV) Inspection~~
        (1) ~~Acceptance criteria:~~
            (A) ~~No visible standing water in pipeline caused by grade defects~~
            (B) ~~No pipeline structural defects observed~~
            (C) ~~No pipeline installation defects observed~~
            (D) ~~No infiltration observed~~
        (2) ~~CCTV sewer line inspection will be done by a cityerew~~
        (3) ~~CCTV sewer line inspection is to be done after backfill and compaction, but prior to surface construction (i.e.: paving, landscaping, etc.). Uncover and repair or reinstall sections of pipe found to have defects as directed by the city engineer or his agents.~~
        (4) ~~Notify the City Wastewater Dept. @ (208) 359-3035 at least ten working days prior to final surface reconstruction to allow for CCTV inspection to be done, reviewed, and repairs to be done if necessary.~~
        (5) ~~Any repairs will need to be re-inspected after the repair is completed.~~
        (6) ~~The cost for pipe cleaning and CCTV Inspection of the lines~~

will be billed to the owner at approved City of Rexburg Billing rates.

A signed "Letter of Acceptance" from the City will be required prior to final surface reconstruction (i.e.: paving, landscaping, etc.).

F. **WATER RIGHTS**

1. Lands that are developed within the City of Rexburg and are, prior to development, irrigated with surface water must be irrigated with the existing surface water right where feasible. This may require the development of a secondary irrigation system or special systems as conditions dictate. Exceptions must be approved by City Engineer.
2. Lands that are developed within the City of Rexburg and are, prior to development, irrigated with surface water and a secondary irrigation system is not feasible shall transfer to the City of Rexburg the surface right or portion of that water right prior to the issuance of a will serve letter or provide a method of transfer acceptable to the city.
3. All subsurface rights tied to property to be serviced by the City of Rexburg shall be transferred to the City of Rexburg.

PASSED AND ADOPTED BY THE CITY OF REXBURG COUNCIL FEBRUARY 21, 2024.

	AYE	NAY	ABSENT	ABSTAIN
Councilmember Robert Chambers	X			
Councilmember Colin Erickson	X			
Councilmember Mikel Walker	X			
Councilmember Bryanna Johnson	X			
Councilmember Eric Erickson	X			
Councilmember David Reeser	X			

Presiding Officer

Jerry L Merrill, Rexburg Mayor, City of Rexburg

Attest

Deborah Lovejoy, Rexburg City Clerk, City of Rexburg

CITY OF REXBURG CORPORATE SEAL STATE OF IDAHO