

# ENGINEERING PLAN REVIEW CHECKLIST

DEVELOPMENT NAME: \_\_\_\_\_

The attached document is a list of typical Engineering Division review criteria for subdivisions and commercial site plans. Each submittal shall include five (5) sets of complete plans signed by a licensed engineer in responsible charge. The engineer is responsible for initialing each item on the checklist. Please check with the Engineering Division before assuming that an item is not applicable, unless it is obviously not applicable.

Documents submitted to the Engineering Division shall be organized according to the following general format:

- A. Title Sheet (project name, vicinity map, sheet index, etc).
- B. Notes (FOR CUSTOM NOTES ONLY). Do not show City General Notes. Incorporate City General Notes by reference only.
- C. Subdivision Plat
- D. Boundary and Topographical Survey
- E. Grading/Drainage Plan
- F. Utility Plan
- G. Striping and Signage Plan
- H. Plan and Profile Sheet(s)
- I. Detail Sheet(s) (FOR CUSTOM DETAILS ONLY. Otherwise, refer to standard details)
- J. Operation/Maintenance Plan for Post-Construction Storm Water Controls

Plan & profile sheets and detail sheets are not required for preliminary plans unless specifically directed by the Engineering Division.

Upon first submittal for plan review, the applicant must sign the verification on the Engineering Plan Review Checklist indicating he/she has personally inspected the Checklist and that all items on the Checklist have been initialed by the responsible engineer. A copy of the Checklist must accompany the plans with all subsequent reviews. The City will not accept plans for review without this signed Checklist.

In providing approvals, Riverton City assumes that applicants have not made any errors and have complied with all applicable codes and ordinances. If, after an approval, an error is discovered or it is discovered that some aspect of approved drawings does not comply with applicable codes and ordinances, the applicant shall, at his own expense, revise the drawings and modify any infrastructure as necessary to correct the problem. Applicants and their design professionals shall remain responsible for their projects at all times.

**I have personally reviewed this submittal and verify that it is complete and that all items have been initialed by the responsible engineer.**

Applicant's Signature \_\_\_\_\_

Printed Name \_\_\_\_\_

# ENGINEERING PLAN REVIEW CHECKLIST (CONTINUED)

(Application will not be accepted unless responsible engineer initials all items as Submitted)

**DEVELOPMENT NAME:** \_\_\_\_\_

**Required Submittals:**

**CITY USE ONLY**

ACCEPTED    N/A

Submitted

- |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                         |
|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|
| Initial: ____ | Geotechnical report, including minimum pavement section.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Date: __/__/__ <input type="checkbox"/> |
| Initial: ____ | Storm drainage calculations (not on drawings) for pipe system, surface route and detention/retention ponds. Stamped and certified by a Utah-licensed professional engineer, with the following verbiage: "I hereby certify that this report for the onsite drainage of this development was prepared by me (or under my direct supervision) in accordance with the provisions of the Riverton City Storm Water Design Standards and Regulations, and was designed to comply with the provisions thereof. I understand that Riverton City does not and will not assume liability for drainage facilities design."                                                                          | Date: __/__/__ <input type="checkbox"/> |
| Initial: ____ | Operation/Maintenance Plan for Post-Construction Storm Water Controls                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Date: __/__/__ <input type="checkbox"/> |
| Initial: ____ | A finalized title report of the affected parcel(s)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Date: __/__/__ <input type="checkbox"/> |
| Initial: ____ | Record of Survey per UCLS Standards, AND topographical map including all other relevant information.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Date: __/__/__ <input type="checkbox"/> |
| Initial: ____ | Letter of approved street names by Salt Lake County                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Date: __/__/__ <input type="checkbox"/> |
| Initial: ____ | Construction Plans on D-size sheets, stamped and signed by a Utah-licensed professional engineer.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Date: __/__/__ <input type="checkbox"/> |
| Initial: ____ | Traffic study (as required by City Engineer).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Date: __/__/__ <input type="checkbox"/> |
| Initial: ____ | UDOT permit for vehicular access and/or storm drain connection to Redwood Road (1700 W) or 12600 South.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Date: __/__/__ <input type="checkbox"/> |
| Initial: ____ | South Valley Sewer District permit for sanitary sewer connection.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Date: __/__/__ <input type="checkbox"/> |
| Initial: ____ | CLOMR/LOMR filed application for property in FEMA 100-yr flood plain.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Date: __/__/__ <input type="checkbox"/> |
| Initial: ____ | Stream alteration permit from Utah Division of Water Rights if impacting Midas Creek or Rose Creek.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Date: __/__/__ <input type="checkbox"/> |
| Initial: ____ | Permit from Salt Lake County Flood Control if impacting Midas Creek, Rose Creek, Utah & Salt Lake Distributing Canal, or Utah Lake Distribution Canal.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Date: __/__/__ <input type="checkbox"/> |
| Initial: ____ | Permit from canal company if impacting a canal.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Date: __/__/__ <input type="checkbox"/> |
| Initial: ____ | Irrigation master plan of gravity conveyances before / after development, on a dedicated sheet, including a list of all stakeholders with their addresses and phone numbers. The master plan shall include the following certification language: "As the developer of this property, I hereby certify that I understand: (1) how the existing gravity irrigation system works in the vicinity of this property, (2) how my development of this property will affect this system and associated stakeholders, (3) that I take full responsibility for the changes I am making to this system, (4) Riverton City does not and will not assume liability for changes I make to this system." | Date: __/__/__ <input type="checkbox"/> |
| Initial: ____ | Pothole data for storm drain crossings in existing roadways.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Date: __/__/__ <input type="checkbox"/> |
| Initial: ____ | Necessary easement and covenant documents.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Date: __/__/__ <input type="checkbox"/> |

# ENGINEERING PLAN REVIEW CHECKLIST (CONTINUED)

**All Sheets Must Contain:**

- Submitted
- Initial: \_\_\_ Project name.
- Initial: \_\_\_ Drawing number and title.
- Initial: \_\_\_ "Call Before You Dig" logo.
- Initial: \_\_\_ North arrow and drawing scale.
- Initial: \_\_\_ Abbreviations and Legend.
- Initial: \_\_\_ References to specific Standard Plans as applicable.

**Title Sheet:**

- Submitted
- Initial: \_\_\_ Project name, address and type of development.
- Initial: \_\_\_ Reference to Riverton City General Notes on Title Sheet or on other dedicated notes sheet.
- Initial: \_\_\_ Owner's name, address and contact information.
- Initial: \_\_\_ Contact information for all project team members.
- Initial: \_\_\_ Vicinity map with north arrow.
- Initial: \_\_\_ Sheet index for all sheets and index figure.

**Subdivision Plat: (See City Standard Template)**

- Submitted
- Initial: \_\_\_ Subdivision name, location and phase.
- Initial: \_\_\_ Names of adjacent property owners.
- Initial: \_\_\_ Location of survey by Quarter Section, Township and Range
- Initial: \_\_\_ Signed, stamped, and dated Surveyor's Certificate.
- Initial: \_\_\_ Scale of drawing and north arrow.
- Initial: \_\_\_ D-size sheet.
- Initial: \_\_\_ Total acreage of development and acreage of each lot.
- Initial: \_\_\_ Proposed streets (names and coordinates) and adjacent streets.
- Initial: \_\_\_ Proposed street names have been approved with Salt Lake County.
- Initial: \_\_\_ Point of beginning and basis of bearing.
- Initial: \_\_\_ The distance and course to two (2) or more Section or Quarter Corners, including Township and Range, or to identified monuments within a recorded subdivision.
- Initial: \_\_\_ Applicable warnings and recommended mitigation measures for potential geotechnical problems.
- Initial: \_\_\_ An AutoCad file of the plat, with a tie to a section monument.
- Initial: \_\_\_ All bearings, angles and distances along the boundary and lot lines and boundary closure to 0.01 feet.
- Initial: \_\_\_ Radius, length, chord distance, chord bearing, and other curve data deemed necessary.
- Initial: \_\_\_ Location of street monuments with bearing and distance labeled, monument-to-monument, and location with respect to corners.

CITY USE ONLY	
<u>ACCEPTED</u>	<u>N/A</u>
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