



## **Final Plat and Engineering Review Submittal Requirements**

**Date of Last Revision:** January 2024

All improvement plans submitted for substantial review by Herriman City shall be designed in accordance with Herriman City Municipal Code, Herriman City Standards and Specifications, Herriman City Standard Plans and current Engineering practices. All plans submitted for City review shall be stamped, signed, and dated by an Engineer, Architect, Surveyor, or Landscape Architect licensed to practice in the State of Utah. The format of all submittals shall be pdf format. Drawings shall be vectored pdf files (scanned files will not be accepted). The following information is the minimum requirement for submittals for City review and approval. Carefully review Herriman City Municipal Code and Herriman City Standards and Specifications for all requirements and detailed descriptions of design and engineering standards. The Herriman City Planning Commission, and Staff shall have the authority to require additional information or details as necessary. Some items may be waived by City Staff or may not be applicable to a particular project. The lack of information specified herein, or improper information provided, may prevent application to be considered a full submittal, and therefore, prevent the review process to begin.

**Follow the Checklist below and initial each item** as being completed, or place N/A if waived by City staff or not applicable to your project.

### **General Requirements**

1. \_\_\_\_ Title Sheet showing name of City, project title, type and location of work, name, address and telephone number of firm preparing drawings
2. \_\_\_\_ Title block on all pages showing the following
  - a. \_\_\_\_ Project/Subdivision Name
  - b. \_\_\_\_ Type of project/development
  - c. \_\_\_\_ Project location
  - d. \_\_\_\_ Name and address of Owner, Developer, and Designer
  - e. \_\_\_\_ Name and address of Engineer, Architect or Land Surveyor
  - f. \_\_\_\_ Engineer, Surveyor, or Architect's signed and dated stamp showing name and license number
  - g. \_\_\_\_ Date of preparation and revision number
  - h. \_\_\_\_ Sheet name/description
3. \_\_\_\_ Vicinity map showing location of project relative to adjoining developments and prominent landmarks
4. \_\_\_\_ North arrow on all pages
5. \_\_\_\_ Graphic and written scale on all pages: maximum 1" = 40' on plans and profile sheets
6. \_\_\_\_ Index of all sheets in the plan set
7. \_\_\_\_ Elevations and benchmark locations referenced to current City Coordinate System
8. \_\_\_\_ Township and Range, section lines and other monuments
9. \_\_\_\_ Complete descriptions and dimensions for all improvements
10. \_\_\_\_ Stationing and elevations for all profiles
11. \_\_\_\_ Project specific general and construction notes throughout the improvement plans
12. \_\_\_\_ Details for all structures
13. \_\_\_\_ Herriman City General Notes for Development Projects
14. \_\_\_\_ Details and typical sections from Herriman City Standard Drawings or APWA

## **Subdivision Requirements**

15. \_\_\_\_ Subdivision name shall be distinct from any previously approved or recorded plat
16. \_\_\_\_ Metes and bounds description of all property included in the plat
17. \_\_\_\_ Exterior boundaries of platted area with bearings and dimensions
18. \_\_\_\_ The parent identification number of record with the Salt Lake County Recorder
19. \_\_\_\_ Location and names of adjacent properties/property owners, and platted subdivisions
20. \_\_\_\_ Dedication description of all lots to be conveyed by plat to Herriman City
21. \_\_\_\_ Location of all proposed lots, blocks, rights-of-way, and easements and their nature
22. \_\_\_\_ Sufficient linear, angular, and curve data to determine bearing, length, and boundary of plat and improvements
23. \_\_\_\_ Location and dimensions of common space, parks, trails, playgrounds, etc.
24. \_\_\_\_ Proposed boundary treatments, including fencing, berms, walls, etc. with locations, materials and types
25. \_\_\_\_ Location of existing features within and contiguous to proposed subdivision
  - a. \_\_\_\_ Public Utility Easements and rights-of-way, with their nature (including those for underground facilities)
  - b. \_\_\_\_ Utilities and ownership including but not limited to power lines/poles, telephone lines, cable, gas, fiber optic, water, secondary water, storm water, sewer, etc.
  - c. \_\_\_\_ Irrigation and drainage ditches, pipes and culverts
  - d. \_\_\_\_ Roads, railways, bridges, trails, etc.
  - e. \_\_\_\_ Water bodies, streams, springs, lakes, ponds, etc.
  - f. \_\_\_\_ Wells (show whether the well is to be abandoned/capped)
  - g. \_\_\_\_ Buildings (show whether to remain or to be removed)
  - h. \_\_\_\_ Fences with height and type (show whether to remain or to be removed)
26. \_\_\_\_ Location of all proposed lots including
  - a. \_\_\_\_ Lot dimensions
  - b. \_\_\_\_ Lot frontage
  - c. \_\_\_\_ Lot area (square feet)
27. \_\_\_\_ Lot unit reference, numbered consecutively and/or alphabetically
28. \_\_\_\_ Proposed lot addresses conforming to the number system of Herriman City and Salt Lake County

## **Grading and Drainage Requirements**

29. \_\_\_\_ Provide Grading and drainage plan with a minimum of the following items
30. \_\_\_\_ General site layout with existing contours at maximum two-foot intervals
31. \_\_\_\_ Proposed grading topography at maximum two-foot intervals
32. \_\_\_\_ Existing and proposed drainage improvements including watercourses, canals, ditches, and culverts
33. \_\_\_\_ Plans for any ditch, canal, or watercourse to be piped or covered, include size, type, slope, etc.
34. \_\_\_\_ Show that runoff from storms exceeding design storm will flood to street rather than adjacent development
35. \_\_\_\_ Provide Drainage Study to substantiate design (include with submittal, but not included in plans)

## **Utility Requirements**

36. \_\_\_\_ Provide Proposed Utility Plan showing at a minimum, street lighting, storm drain, culinary water, and secondary water
37. \_\_\_\_ Provide all existing Utilities in the project area

## **Storm Drain Requirements**

38. \_\_\_\_ Plan and profile of storm drain system showing utility crossings and anticipated clearances
39. \_\_\_\_ Size, material, length, and slope of all proposed and existing drain pipe
40. \_\_\_\_ Type, size, rim elevation, invert elevations, locations, and details for all storm drain structures
41. \_\_\_\_ Provide hydraulic grade line for 10-year, 24-hour storm event
42. \_\_\_\_ Detention/retention facilities with inlet, outlet and piping, with scaled detail drawings
43. \_\_\_\_ Detention/retention calculations based on 100-year design storm

44. \_\_\_\_ Provide LID/Water Quality Improvements

#### **Culinary/Secondary Water Requirements**

- 45. \_\_\_\_ Plan and profile of culinary and secondary water systems showing utility crossings and anticipated clearances
- 46. \_\_\_\_ Size, material, and location of proposed and existing water mains
- 47. \_\_\_\_ Type, size, location, and details for all water appurtenances including valves, hydrants, air valves, PRVs, etc.
- 48. \_\_\_\_ Show and call out all bends
- 49. \_\_\_\_ Provide Pressure Reducing Vault stations when development occurs across pressure zones, with details

#### **Sewer Requirements**

50. \_\_\_\_ Meet all requirements of South Valley Sewer District

#### **Street Improvement Requirements**

- 51. \_\_\_\_ Provide Street Improvement plan with a minimum of the following items
- 52. \_\_\_\_ Location, widths, lengths, bearings and curve data on centerlines for streets, alleys, easements and rights-of-way
- 53. \_\_\_\_ Radius and arc length of curves, and beginning and ending points of curves
- 54. \_\_\_\_ Proposed street names and numbers conforming to Herriman City and Salt Lake County standards
- 55. \_\_\_\_ Typical cross sections for all streets according to Herriman City standards
- 56. \_\_\_\_ Vertical curves and information, including “K” values
- 57. \_\_\_\_ Stationing, elevation and dimensions of all curbs, gutter, and sidewalk with scaled detail drawings
- 58. \_\_\_\_ Indication of all grades, and direction of flow, with flow line elevations
- 59. \_\_\_\_ Tie-ins to existing roads with minimum 100’ of plan and profile for existing road
- 60. \_\_\_\_ Clear-view sight triangles for standard roadways (60’), narrow roadways (50’) and driveways (12’)

#### **Signing and Striping Requirements**

- 61. \_\_\_\_ Provide a Signing and Striping plan meeting current MUTCD standards with a minimum of the following
  - a. Intersection striping
    - i. \_\_\_\_ Cross Walks
    - ii. \_\_\_\_ Stop Bars
    - iii. \_\_\_\_ Turning Lanes and turning arrows
    - iv. \_\_\_\_ Traffic lanes
  - b. Roadway striping
    - i. \_\_\_\_ Roadway lanes
    - ii. \_\_\_\_ Shoulders
    - iii. \_\_\_\_ Tapers
    - iv. \_\_\_\_ Bike Lanes
  - c. Signs
    - i. \_\_\_\_ Regulatory
    - ii. \_\_\_\_ Warning

#### **Street Lighting Requirements**

- 62. \_\_\_\_ Provide a Street Lighting plan with a minimum of the following items
- 63. \_\_\_\_ Locations and types of streetlights
- 64. \_\_\_\_ Locations of wire, conduit, fuse boxes, splice boxes, meter enclosures, transformers, switch boxes, etc.
- 65. \_\_\_\_ Locations of power sources
- 66. \_\_\_\_ Electrical plans must meet National Electrical Code and be stamped by Utah licensed Electrical Engineer

#### **Landscape and Irrigation Requirements**

67. \_\_\_\_ Provide Landscape and Irrigation plan with a minimum of the following items
68. \_\_\_\_ Landscape planting plan for entire development, including park strips, detention/retention basins, parks, playgrounds, and common ownership areas
69. \_\_\_\_ Location, type, and size of all proposed trees, shrubs, seed mixes, mulch, rocks/boulders and other vegetation
70. \_\_\_\_ Irrigation plan for all areas/parcels that are or will be owned and maintained by Herriman City or lie within the public ROW
71. \_\_\_\_ Location, size and type of all irrigation equipment, including all points of connection, meters, backflow prevention devices, valves, controllers, heads, filters, boxes, piping
72. \_\_\_\_ Include completed Herriman City Water Efficiency Standards, Exhibit A (Landscape Requirement Table)
73. \_\_\_\_ Location, manufacturer, type, and model number for all: tables, trash receptacles, benches, playground equipment, building, etc.
74. \_\_\_\_ Detail drawings for park equipment and facilities

#### **Sensitive Area Requirements**

75. \_\_\_\_ Identify wetlands within or contiguous to subdivision/project area
76. \_\_\_\_ Floodplains designated by FEMA for the 100-year flood event
77. \_\_\_\_ Areas over 30% slope labeled as non-buildable area
78. \_\_\_\_ Vegetation areas incorporated into development
79. \_\_\_\_ Extent of any unmitigated contaminated soils within the plan area
80. \_\_\_\_ Land use restrictions due to impacted soils

#### **Other Submittal Requirements (not included in plan set)**

81. \_\_\_\_ Soils Characterization and Remediation Plan
82. \_\_\_\_ Phasing Plan
83. \_\_\_\_ Long-Term Stormwater Maintenance Agreement and Management Plan
84. \_\_\_\_ Water Model Report
85. \_\_\_\_ Drainage Study
86. \_\_\_\_ Traffic Impact Study
87. \_\_\_\_ Geotechnical Report and Pavement Structural Section Report
88. \_\_\_\_ Environmental Assessment
89. \_\_\_\_ Easements and Agreements
90. \_\_\_\_ Title Report for Subdivided Land
91. \_\_\_\_ Engineer's Estimate of Construction Costs
92. \_\_\_\_ Any Escrow Agreements

#### **Effective Period of Plat Approval**

Final acknowledgement and release of construction drawings will be valid for a period of two (2) years. After two years from the time of approval, drawings must be resubmitted prior to construction for a staff review to ensure current design and construction standards are reflected in the plans.

#### **Applicant Statement**

I state to the best of my knowledge that this application and all information submitted herein is true and correct. Should any information or representations submitted with this application be incorrect or untrue, I understand that Herriman City may deny or rescind any approval and take any other legal action deemed necessary. I also acknowledge that I, or my designated representative(s) have reviewed applicable sections of the Herriman City Municipal Code and Herriman City Standards and Specifications, and that items in this checklist are only the basic and minimum requirements of this submittal. City Staff, Planning Commission may impose other requirements unique to individual projects.

Applicant's Signature \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_