Murray City
Single Family Residential Permit

The following list is a list of common requirements needed for a Single-Family Residential Permit, the purpose being to help expedite the permit process, this list may not be a complete list for the plan review as every project is unique.

***Submit the Building Permit Application electronically through eProcess 360: https://murray.ut.eprocess360.com ***
NOTE: APPLICATIONS FOR BUILDING PERMITS CANNOT BE ACCEPTED FOR PLAN REVIEW UNTIL THE SUBMITTAL IS COMPLETE.

COMMUNITY DEVELOPMENT ACCEPTANCE FOR REVIEW

- Project Approval from Murray City Planning & Zoning or be scheduled for final approval on the next available Planning Commission Agenda. Contact: 801-270-2430 or planning@murray.utah.gov with questions.

CONTRACTOR'S INFORMATION, name, phone number, address, and contractor's state license numbers (Required prior to issuance of the permit):

- General Contractor
- Electrical Contractor
- Plumbing Contractor
- Mechanical Contractor

SITE PLAN Drawn to scale with scale indicated (1'=20' or larger)

- North Arrow
- Lot dimensions all sides
- Size and location of any easements or rights-of-way
- Names and locations of all adjacent streets
- Locations of proposed and existing structures
- Setback dimensions front, rear, and all sides
- Outside building dimensions and distances between buildings on building site
- Driveways, exterior stairs, landings, patios, and decks
- Relative elevations of top of foundation and all lot corners,
  The reference datum shall be selected by one of the following:
  - The average elevation of the top back of curb abutting the lot on which the building is to be built.
  - In the absence of curb and gutter, the average elevation of the center line of the street abutting the lot on which the building is to be built.
  - Where any part of the rear lot line is more than 6 feet above the average top back of curb, the average elevation of the perimeter of the lot on which the building is being built.
- Proximity of building to any slopes greater than 3 horizontal to 1 vertical showing steepness and height of slope.
- Location, type, and elevation of any retaining walls
- Geo-Technical Report

BUILDING PLANS

- Floor plan layouts-label the use of all rooms (1/4"=1' or larger) include future uses
  - Main Floor
  - Second Story
  - Basement (indicate portions finished and unfinished)
  - Garage/Carport
- Dimensions for overall length and width
- Complete dimensions of all rooms, decks, porches, halls, stairs, cantilevers, bearing wall, and column locations
- Ceiling heights all levels
- Sizes and types of doors and windows (showing safety glazing)

- Window well dimensions for emergency escape windows below grade
- Fire separation between house and garage (attached garage)
- Stairway landings, rise, run, handrail, and headroom heights for interior and exterior stairs
- Guardrail height and pattern
- Building elevations (exterior views and finish materials)
    - Front
    - Rear
    - All sides
    - Finish grade line on all sides
    - Depth of footings below finish grade
    - Pitch of roof
    - Finish materials
- Attic and crawl space ventilation and access
- Cross sections drawn SPECIFICALLY for this structure with materials to be used
- Footing plan with all continuous and spot footing sizes, location, and reinforcement
- Foundation wall height, thickness, and reinforcement
- Foundation sill and anchor bolts
- Wall material, stud size & spacing, sheathing, interior finish, weather barrier, and exterior finish
- Floor joists and sheathing
- Solid blocking
- Roofing material and sheathing
- Framing details-grade and species of lumber
- Braced wall panel locations, methods, materials, and details for homes that qualify as conventional construction
  OR
- STRUCTURAL ENGINEERS STAMP, SIGNATURE, AND DATE ON CALCULATIONS FOR HOMES WITHOUT ADEQUATE BRACED WALL PANELS TO QUALIFY AS CONVENTIONAL CONSTRUCTION AND HOMES OF UNUSUAL SHAPE AND/OR SIZE. (All details indicated by calculations must be clearly shown on an engineer's summary sheet and on the plans, or plan shall be stamped, signed, and dated by the engineer. Plans must show shear walls, hold-downs, etc. as required by engineering.)
- Rafter size and spacing and/or truss details and layout
- Joist size, spacing and spans
- Size and material of all beams, headers, and columns
- Grade and species of lumber
- Insulation R-factors for walls, attics, and floors over unheated spaces, slabs on grade, and foundations
- Bracing details, methods, material, and location
- Bearing wall construction
- Masonry fireplace and chimney details with reinforcement
- Indication of which are new, and which are existing walls

<u>ELECTRICAL PLANS</u>

- Lighting and fan locations
- AFCI's/GCFI's indicated
- Smoke alarm and C/O detector locations

<u>PLUMBING PLANS</u>

- Location of all plumbing fixtures including layout for future fixtures
- Floor drains, water heater, clothes washer, and dryer locations

MECHANICAL PLANS

- Furnace location
- Combustion air location
- Gas line sizing form
- Heating and Cooling load calculations per manual J
- Exhaust fans
- Mechanical equipment schedules and efficiency ratings

ENERGY CODE

R401.2 (N1101.1.3 Compliance Options

Note: R401.2.5 The 2021 IECC requires selection of one of five additional Energy Efficiency Packages, applicable to any compliance options - deleted by state amendment.

1. 2021 Prescriptive Tables:
    a. R402.1.2 - U-factor
    b. R402.1.3 - R-Value
2. 2021 REScheck
3. Utah 2012 REScheck-pass rate of 5% or better
4. Total Building Performance - R405 (N1105)
5. ERI (Energy Rating Index) - R406 (N1106)

a. Required minimum scores amended

6. R102.1.1 National Green Building Standard - comply ICC 700-2020 National Green Building Standard - with a Gold Rating