



## New Residential Plan Submittal Checklist

**ALL WORK MUST COMPLY WITH 2021 INTERNATIONAL RESIDENTIAL CODE, 2017 NATIONAL ELECTRICAL CODE, 2021 INTERNATIONAL PLUMBING CODE, 2021 INTERNATIONAL MECHANICAL CODES, 2021 INTERNATIONAL FUEL GAS CODE, 2021 INTERNATIONAL ENERGY CONSERVATION CODE, 2021 INTERNATIONAL FIRE CODE**

### BUILDING PERMIT FORMS:

#### BUILDING APPLICATION FORM

RES CHECK (Residential energy analysis report), provided by your Architect or Engineer

GEO TECH REPORT (Soils Analysis) provided by your Architect or Engineer

### PLAN SUBMITTALS

1 set of building plans (minimum size: 36 x 24) 1 digital set of plans

Engineering is required unless home is of conventional light-frame construction (plans must be stamped, signed, and dated by an engineer licensed by the State of Utah)

Site Plan, including all property lines and set-back distances & Landscaping Plan

Landscaping plan

Elevations

Footing / foundation / basement plans

Floor plans, identify rooms, doors, windows, appliances

Wall cross sections

Separation wall details with UL numbers (if applicable)

Floor Framing Design / Layout

Roof Framing Design / Layout

Beam and header schedules

Stairways, landings, handrail, guard details and specifications

Plumbing information:

Water service size

Size, type, and location of water heater

Gas piping plan with loads, lengths, sizes, material, and pressure.

Piping methods and sizing for water heater and laundry pans, if applicable

Location of backwater valve if there are fixtures lower than the next upstream manhole cover

Locations of all basement fixture rough-ins

Electrical information:

Service size and location

Breaker panel location

Locations of outlets, switches, fans, smoke alarms, CO detectors, etc.

GFCI and AFCI protected outlets identified

Mechanical information:

HVAC equipment sizes and locations

Combustion air sources, locations, and sizes

Venting sized to meet GAMA tables

Best Management Practices (**required by EPA**) Contact Ed Rufener, Public Works Inspector at 801-412-3210 for required documentation.

