

Submittal Requirements for Residential Remodels

1. FLOOR PLAN (Proposed and Existing)

- All rooms must be labeled. Any room labeled as a bonus room will be inspected as a bedroom.
- Window and door sizes need to be marked or provide a schedule.
- Note the square footage of each floor.

2. MECHANICAL / ELECTRICAL / PLUMBING (MEP) PLANS (If altering these components)

Mechanical Plans should include unit location, duct/vent sizes, and all exhaust vents

Electrical Plans should include location of all outlets and switches, GFI outlets identified, location of all smoke and carbon monoxide

detectors. **Plumbing Plans** should include supply line size from water meter, sizes to all fixtures, drain line sizes at all fixtures throughout the house, sewer and vent sizes, gas line sizes if applicable

WINDOWS, SIDING, ROOF REPAIR, FOUNDATION REPAIR, SOLAR PANELS

1. **Windows** – Indicate which windows are being replaced and number of windows.

2. **Siding** – Indicate where siding is being replaced.

3. Roof Repair

- If changing the pitch of the roof, provide construction plans and elevation drawings

Re-Roof

If scope of work involves changing out the decking/sheathing and shingles; submit a building permit application with detailed scope of work.

If scope of work involves shingle replacement only, no permit is required.

4. Solar Panels

- Engineered Structural Letter
- Site Plan showing Solar Panels location
- Must have an *issued* Electrical Standalone Permit

5. Foundation Repair

- Engineered Foundation Plans
- Engineered Structural Letter



Residential Building Permit Application

Project Address: _____ **Building/Suite/Unit:** _____

Detailed Description (Please Be Specific): _____

A Separate Application is Required for Each Structure (Please Check One):

(Please Note: Apartments (3 or more dwelling units on a lot) are Considered Commercial Construction)

- ☐ New Construction (*Construction of an entirely new home or duplex from the ground up*)
- ☐ Addition (*Structural modification that results in an increase of floor area*):
- ☐ New Accessory (*Structures that are clearly incidental to the use of the principal building*)
- ☐ Accessory Addition (*Structural modification that results in an increase of floor area of an accessory structure*):
- ☐ Remodel (*Altering or Renovating a structure, whether interior or exterior, where the floor area remains the same*):

Total Square Footage Associated with Project: _____

Building Cost of Construction: _____

Mechanical Work: Yes ___ No ___ **Electrical Work:** Yes ___ No ___ **Plumbing Work:** Yes ___ No ___

Building Cost of Construction without MEP's: _____

3rd Party Company*: _____

3rd Party Inspections: Yes ___ No ___ **3rd Party Plan Review:** Yes ___ No ___

City of Fort Worth Contractor Registration #: RB _____

Contractor's Business Name: _____

Phone Number: _____ **E-Mail Address:** _____

Site Contact Name: _____

Phone Number: _____ **E-Mail Address:** _____

Plans Exam Contact Name: _____

Phone Number: _____ **E-Mail Address:** _____

Applicant Name (Printed): _____

Phone Number: _____ **E-Mail Address:** _____

Applicant's Signature: _____ **Date:** _____

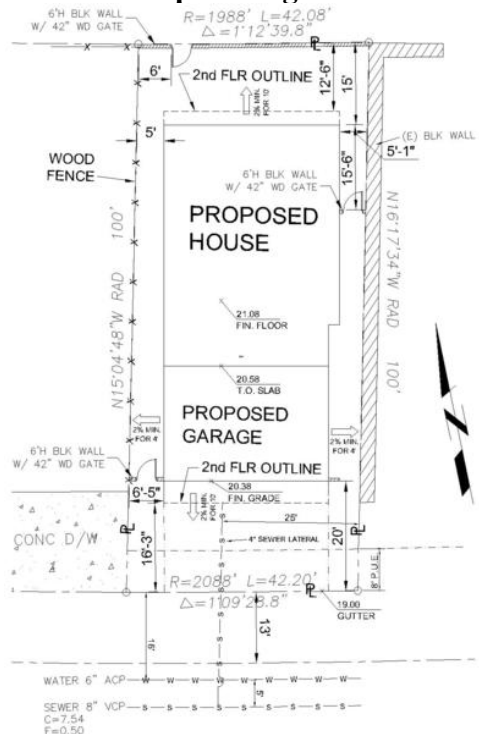
Plan Examples

Construction Documents. Information on construction documents shall be dimensioned and drawn upon suitable material. Construction documents shall be of sufficient clarity to indicate the location, nature and extent of the work proposed and show in detail that it will conform to the provisions of this code and relevant laws, ordinances, rules and regulations, as determined by the building official. (Ref: Section 107.2.1 of 2015 IBC)

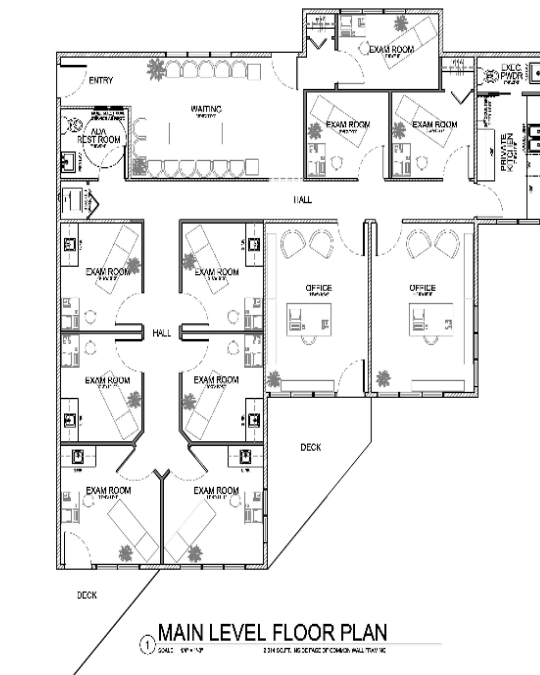
Site Plan. (Outside the building) A site plan depicts the location of the building on the lot, the size of the lot, the distance from the property lines to the building and the outline of the building. (Ref: Unit 1 of Basic Code Enforcement – Pg. 142) See diagram A.

Floor Plan. (Inside the building) A floor plan shows the layout and dimensions of the rooms in the proposed construction. Type and thickness of wall partitions can also be determined. Additionally, the location of sinks, toilets, bathtubs and appliances is shown. (Ref: Unit 1 of Basic Code Enforcement – Page 142) Floorplans will also provide the location of rooms labeled as to their use, doors, windows as well as mechanical and electrical fixtures. See Diagram B.

Site Plan Example: Diagram A



Floor Plan Example: Diagram B





**City of Fort Worth Energy Compliance
Prescriptive requirements:**

WINDOWS

Max U-factor is 0.35

Max SHGC is 0.25

DOORS – U-factor

Uninsulated metal: 1.2

Insulated metal: 0.6

Wood: 0.5

Insulated, nonmetal edge, Max 45% glazing, any glazing double pane 0.35

INSULATION

R-13+5h or 20 insulation in exterior walls

R-38 insulation in the attic

R-19 insulation in the floor

PERMANENT SOURCE OF HEAT (select one):

- ☐ Mini-split system
- ☐ Connecting to the existing HVAC
- ☐ New HVAC – whole-house mechanical system compliance w/M1507

Signature _____