

# City of Caldwell Department of Building Safety



## Guide to Residential Additions

Building Permit Guide and Application Packet

621 Cleveland Blvd  
Caldwell, ID 83605

Phone: 208-455-3024  
Fax: 208-455-3050

[www.Cityofcaldwell.com](http://www.Cityofcaldwell.com)



**CITY OF CALDWELL**  
 Department of Building Safety  
 621 Cleveland Blvd.  
 Caldwell, ID 83605  
 Ph: 208-455-3024 Fax: 208-455-3050  
 Brett Clark, C.B.O., Building Official  
 Website \* www.cityofcaldwell.com

# BUILDING PERMIT APPLICATION

<b>RESIDENTIAL / UTILITY</b>	Plan Review Fees:	Plan review fees are required to be paid in full at time of submittal.
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## PROJECT INFORMATION

Job Address:			
Legal Descr.	Lot No.	Block No.	Subdivision:
Owner:			Phone
Address		Email:	
Contractor:		Phone	Reg. No.
Address		Email:	
Architect:			Phone
Address		Email:	
Engineer:			Phone
Address		Email:	
<b>Class of Work:</b> <input type="checkbox"/> NEW <input type="checkbox"/> ADDITION <input type="checkbox"/> ALTERATION <input type="checkbox"/> REPAIR <input type="checkbox"/> MISC.			
Single Family Dwelling: _____ Sq. Ft.            Garage: _____ Sq. Ft.            Porches / Misc. _____ Sq. Ft. Duplex / Townhouse: _____ Sq. Ft.            Garage: _____ Sq. Ft.            Porches / Misc. _____ Sq. Ft.			
Scope of Work: (If other than above)			

<b>Valuation of Work: \$</b>  <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">Plan Review</td> <td style="width: 75%;">Application Accepted By,</td> </tr> <tr> <td>PLAN CHECK VALIDATION: Check # _____ M O Cash</td> <td></td> </tr> <tr> <td>PERMIT VALIDATION: Check # _____ M O Cash</td> <td></td> </tr> </table> <p style="font-size: small;">SEPARATE PERMITS ARE REQUIRED FOR PLUMBING, ELECTRICAL, MECHANICAL, DEMOLITION, AND MOVED BUILDINGS.</p> <p style="font-size: small;">THIS PERMIT BECOMES NULL AND VOID IF WORK OR CONSTRUCTION AUTHORIZED IS NOT COMMENCED WITHIN 180 DAYS FROM THE ISSUANCE OF THIS PERMIT, OR IF CONSTRUCTION OR WORK IS ABANDONED OR SUSPENDED FOR A PERIOD OF 180 DAYS AFTER WORK IS COMMENCED. EXPIRED PERMITS ARE NOT ELIGIBLE FOR AN EXTENSION.</p> <p style="font-size: small;">I HEREBY CERTIFY THAT I HAVE READ AND EXAMINED THIS APPLICATION AND KNOW THE SAME TO BE TRUE AND CORRECT. ALL PROVISIONS OF ORDINANCES AND LAWS GOVERNING THIS TYPE OF WORK WILL BE COMPLIED WITH WHETHER SPECIFIED HEREIN OR NOT. THE GRANTING OF A PERMIT DOES NOT PRESUME TO GIVE AUTHORITY TO VIOLATE OR CANCEL THE PROVISIONS OF ANY OTHER STATE OR LOCAL LAW REGULATING CONSTRUCTION.</p> <p>_____ Signature of Contractor or Authorized Representative (Date)</p> <p>_____ Signature of Owner (If Owner Builder) (Date)</p>	Plan Review	Application Accepted By,	PLAN CHECK VALIDATION: Check # _____ M O Cash		PERMIT VALIDATION: Check # _____ M O Cash		<b>OFFICIAL USE ONLY</b>
Plan Review	Application Accepted By,						
PLAN CHECK VALIDATION: Check # _____ M O Cash							
PERMIT VALIDATION: Check # _____ M O Cash							
<b>BUILDING PERMIT #</b>							
Adjusted _____ Total Permit \$ _____							
Type of Const.	Occupancy Group    Complies W/Rescheck <input type="checkbox"/> Yes <input type="checkbox"/> No						
Actual Sq. Ft. Of Building	Actual Sq. Ft. Of Garage						
Building Height	Number of Stories    Actual Sq. Ft. Of Porches						
Zone Designation	Floodplain Requirements: <input type="checkbox"/> Yes <input type="checkbox"/> No    Initials:						
<b>DEPARTMENT APPROVALS</b>							
<b>Department</b>	<b>Signature</b>						
<b>Date</b>							
Planning & Zoning							
Engineering							
Fire							
Building							

## **BUILDING PERMIT APPLICATION INFORMATION**

- ◆ Fences and other miscellaneous projects only require the completion of the building permit application and a minimal review.
  - ◆ Additional permits are required for any electrical, plumbing and mechanical installations.
  - ◆ Permit applications are reviewed in the order in which they are received, so in order to avoid any delays make sure that all of the required information is provided.
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### **RESIDENTIAL** – Two sets of plans and specifications need to be provided with the following information:

- ◆ **New Single Family Dwellings/Duplexes and Townhouses – Two full sets of plans**
    - Site Plan - All site plans must be to not less than 1/20 scale and include lot lines, easements, drainage, north arrow, lot corner and foundation elevations.
    - Foundation Plan - Reinforcement (required only for foundations exceeding 2 feet in height), ventilation, frost wall for stoops of other appendages.
    - Floor Plan - Building dimensions, window and door sizes, smoke detectors.
    - Wall Section - Foundation, structural framing members, wall composition (including wall insulation & insulated sheathing) insulation baffles, roof framing, roof sheathing, roof covering, roof pitch.
    - Elevations - Front, back and both sides.
    - Energy Form - Prescriptive Report or RESCHECK energy compliance form (ResCheck software is available at no Charge at [www.Energy.codes.Gov](http://www.Energy.codes.Gov)) Manual J and D calculations.
    - Flood Plain - Flood plain certificate for all project built within Caldwell designated flood plain.
  - ◆ **Residential Additions/Accessory Buildings**
    - Site Plan - All site plans must be to not less than 1/20 scale and include lot lines, easements, drainage, north arrow, lot corner and foundation elevations.
    - Floor Plan - Building dimensions, window and door sizes, smoke detectors.
    - Wall Section - Foundation, structural framing members, wall composition (including wall insulation & insulated sheathing) insulated baffles, roof framing, roof sheathing, roof covering, roof pitch.
- 
- 

### **PLAN REVIEW TURN AROUND TIMES**

- ◆ The estimated time for a residential plan review is set at not more than 5 to 7 working days. This is contingent upon the submittal of a complete set of plans and specification along with all of the required supporting documents. Exception – Projects proposed on parcels of land that are not part of a platted subdivision will take longer.
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### **CODES ADOPTED**

- ◆ 2012 International Building Code
- ◆ 2012 International Fire Code
- ◆ 2017 National Electrical Code
- ◆ 2012 International Mechanical Code
- ◆ 2012 International Fuel Gas Code
- ◆ 2012 International Energy Conservation Code
- ◆ 2017 Idaho State/Uniform Plumbing Code
- ◆ 2012 International Residential Code



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## CONTRACTOR REGISTRATION DECLARATION

Idaho Code 54-5209. **Building permits and contractor registration number.** (1) On and after January 1, 2006, no building inspector or such other authority of any county, municipality or district charged with the duty of issuing building permits or other permits for construction of any type shall issue any permit without first requesting presentment of an Idaho contractors registration number. Such registration number presented shall be conspicuously entered on the face of a permit so issued; provided however, a permit may be issued to a person otherwise exempt from the provisions of this chapter provided such permit shall conspicuously contain the phrase "no contractor registration provided" on the face of such permit. No authority charged with the duty of issuing such permit shall be required to verify that the person applying for such permit is exempt as provided in this chapter.

(2) All building permits or other permits for construction of any type shall be posted at the construction site in such a manner that the conspicuous statements set forth in subsection (1) of this section are visible.

(3) No person engaged in construction activities who is otherwise exempt as set forth in section 54-5205, Idaho Code, shall be required to have a contractor registration number.

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### I certify that:

\_\_\_\_\_ is my Contractor Registration Number issued by the State of Idaho as required by Idaho State Code Chapter 52, Title 54 and that such registration is current as of today.

I am not providing a Contractor Registration Number because I am exempt per Idaho State Code 54-5205.

I understand that acting in the capacity of a contractor without a current registration with the Idaho Bureau of Occupational Licenses, or without being exempt, is punishable by applicable laws.

\_\_\_\_\_  
Print Name

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

# CHAPTER 4

## RESIDENTIAL ENERGY EFFICIENCY

### SECTION 401 GENERAL

**401.1 Scope.** This chapter applies to residential buildings.

**401.2 Compliance.** Projects shall comply with Sections 401, 402.4, 402.5, and 403.1, 403.2.2, 403.2.3, and 403.3 through 403.9 (referred to as the mandatory provisions) and either:

1. Sections 402.1 through 402.3, 403.2.1 and 404.1 (prescriptive); or
2. Section 405 (performance).

**401.3 Certificate.** A permanent certificate shall be posted on or in the electrical distribution panel. The certificate shall not cover or obstruct the visibility of the circuit directory label, service disconnect label or other required labels. The certificate shall be completed by the builder or registered design professional. The certificate shall list the predominant *R*-values of insulation installed in or on ceiling/roof, walls, foundation (slab, *basement wall*, crawlspace wall and/or floor) and ducts outside conditioned spaces; *U*-factors for fenestration and the solar heat gain coefficient (SHGC) of fenestration. Where there is more than one value for each component, the certificate shall list the value covering the largest area. The certificate shall list the types and efficien-

cies of heating, cooling and service water heating equipment. Where a gas-fired unvented room heater, electric furnace, or baseboard electric heater is installed in the residence, the certificate shall list "gas-fired unvented room heater," "electric furnace" or "baseboard electric heater," as appropriate. An efficiency shall not be *listed* for gas-fired unvented room heaters, electric furnaces or electric baseboard heaters.

### SECTION 402 BUILDING THERMAL ENVELOPE

#### 402.1 General (Prescriptive).

**402.1.1 Insulation and fenestration criteria.** The *building thermal envelope* shall meet the requirements of Table 402.1.1 based on the *climate zone* specified in Chapter 3.

**402.1.2 *R*-value computation.** Insulation material used in layers, such as framing cavity insulation and insulating sheathing, shall be summed to compute the component *R*-value. The manufacturer's settled *R*-value shall be used for blown insulation. Computed *R*-values shall not include an *R*-value for other building materials or air films.

TABLE 402.1.1  
INSULATION AND FENESTRATION REQUIREMENTS BY COMPONENT<sup>a</sup>

CLIMATE ZONE	FENESTRATION U-FACTOR <sup>b</sup>	SKYLIGHT <sup>b</sup> U-FACTOR	GLAZED FENESTRATION SHGC <sup>b,e</sup>	CEILING R-VALUE	WOOD FRAME WALL R-VALUE	MASS WALL R-VALUE <sup>f</sup>	FLOOR R-VALUE	BASEMENT <sup>c</sup> WALL R-VALUE	SLAB <sup>d</sup> R-VALUE & DEPTH	CRAWL SPACE <sup>c</sup> WALL R-VALUE
1	1.2	0.75	0.30	30	13	3/4	13	0	0	0
2	0.65 <sup>i</sup>	0.75	0.30	30	13	4/6	13	0	0	0
3	0.50 <sup>j</sup>	0.65	0.30	30	13	5/8	19	5/13 <sup>f</sup>	0	5/13
4 except Marine	0.35	0.60	NR	38	13	5/10	19	10/13	10, 2 ft	10/13
5 and Marine 4	0.35	0.60	NR	38	20 or 13+5 <sup>h</sup>	13/17	30 <sup>g</sup>	10/13	10, 2 ft	10/13
6	0.35	0.60	NR	49	20 or 13+5 <sup>h</sup>	15/19	30 <sup>g</sup>	15/19	10, 4 ft	10/13
7 and 8	0.35	0.60	NR	49	21	19/21	38 <sup>g</sup>	15/19	10, 4 ft	10/13

For SI: 1 foot = 304.8 mm.

- a. *R*-values are minimums. *U*-factors and SHGC are maximums. *R*-19 batts compressed into a nominal 2 × 6 framing cavity such that the *R*-value is reduced by *R*-1 or more shall be marked with the compressed batt *R*-value in addition to the full thickness *R*-value.
- b. The fenestration *U*-factor column excludes skylights. The SHGC column applies to all glazed fenestration.
- c. "15/19" means *R*-15 continuous insulated sheathing on the interior or exterior of the home or *R*-19 cavity insulation at the interior of the basement wall. "15/19" shall be permitted to be met with *R*-13 cavity insulation on the interior of the basement wall plus *R*-5 continuous insulated sheathing on the interior or exterior of the home. "10/13" means *R*-10 continuous insulated sheathing on the interior or exterior of the home or *R*-13 cavity insulation at the interior of the basement wall.
- d. *R*-5 shall be added to the required slab edge *R*-values for heated slabs. Insulation depth shall be the depth of the footing or 2 feet, whichever is less in Zones 1 through 3 for heated slabs.
- e. There are no SHGC requirements in the Marine Zone.
- f. Basement wall insulation is not required in warm-humid locations as defined by Figure 301.1 and Table 301.1.
- g. Or insulation sufficient to fill the framing cavity, *R*-19 minimum.
- h. "13+5" means *R*-13 cavity insulation plus *R*-5 insulated sheathing. If structural sheathing covers 25 percent or less of the exterior, insulating sheathing is not required where structural sheathing is used. If structural sheathing covers more than 25 percent of exterior, structural sheathing shall be supplemented with insulated sheathing of at least *R*-2.
- i. The second *R*-value applies when more than half the insulation is on the interior of the mass wall.
- j. For impact rated fenestration complying with Section R301.2.1.2 of the *International Residential Code* or Section 1608.1.2 of the *International Building Code*, the maximum *U*-factor shall be 0.75 in Zone 2 and 0.65 in Zone 3.

# Prescriptive Specification Worksheet

2012 International Energy Conservation Code (IECC)

Builder Name \_\_\_\_\_ Date \_\_\_\_\_

Builder Address \_\_\_\_\_

Building Address \_\_\_\_\_

Climate Zone \_\_\_\_\_

Submitted By \_\_\_\_\_ Phone Number \_\_\_\_\_

Enforcement Agency:
Permit #
Checked By

<b>PROPOSED</b>	<b>REQUIRED</b>
-----------------	-----------------

### R-Value

Description	Comments	Proposed R-Value	Minimum R-Value
Ceiling		R-	R-
Wall		R-	R-
Floor over Unconditioned Space		R-	R-
Floor Over Outside Air		R-	R-
Basement Wall		R-	R-
Slab Floor		R-	R-
Crawl Space Wall		R-	R-
Mass Wall		R-	R-

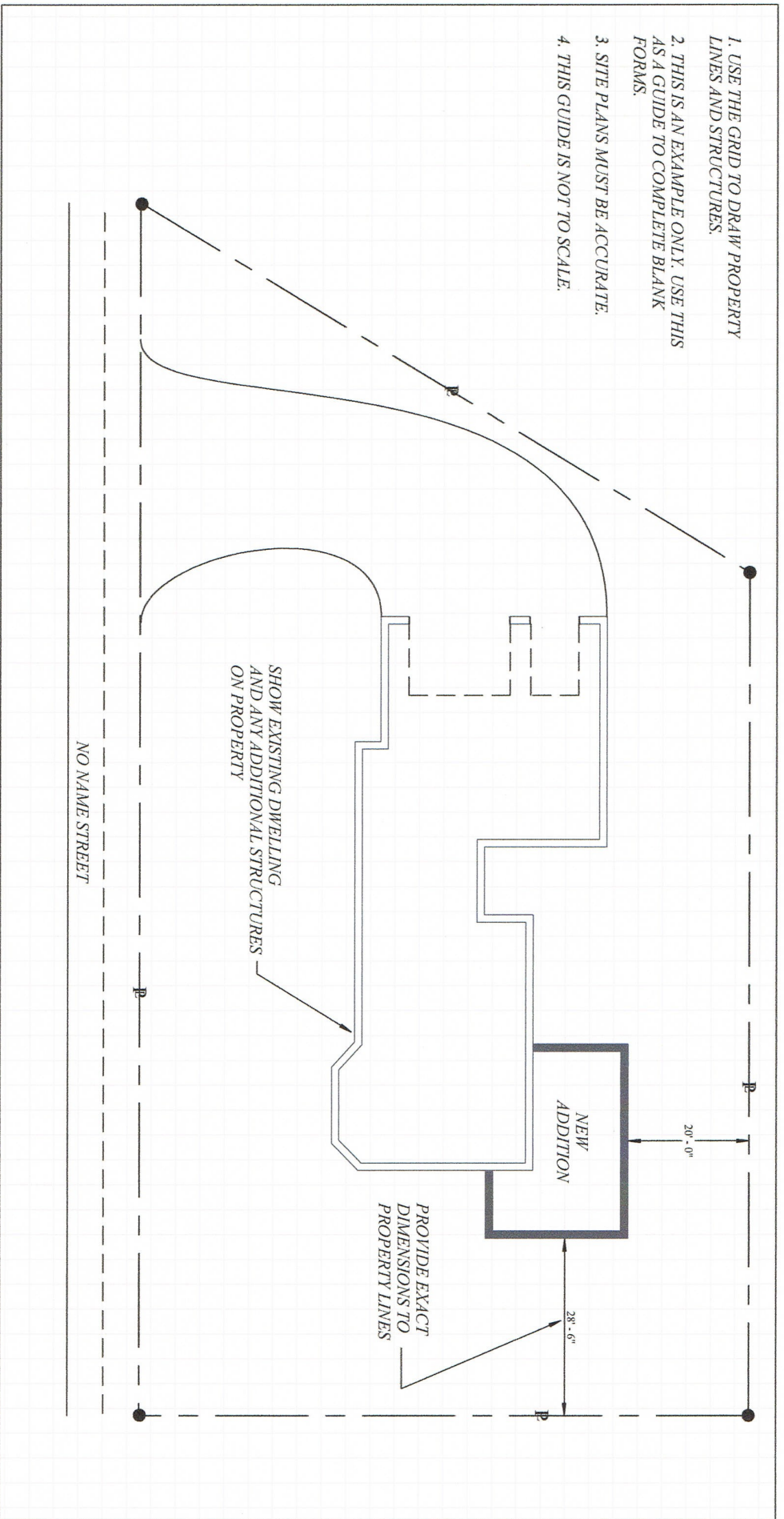
### U-Factor

Description	Comments	Proposed U-Value	Minimum R-Value
Glazing		U-	U-
Opaque Door		U-	U- 0.35
Skylight		U-	U-

Statement of Compliance: The proposed building design represented in these documents is consistent with the building plans, specifications, and other calculations submitted with the permit application. The proposed building design has been designed to meet the requirements of the International Energy Conservation Code.

Building Designer \_\_\_\_\_ Company Name \_\_\_\_\_ Date \_\_\_\_\_

1. USE THE GRID TO DRAW PROPERTY LINES AND STRUCTURES.
2. THIS IS AN EXAMPLE ONLY. USE THIS AS A GUIDE TO COMPLETE BLANK FORMS.
3. SITE PLANS MUST BE ACCURATE.
4. THIS GUIDE IS NOT TO SCALE.

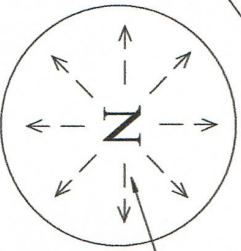


ADDRESS OF PROPERTY: NO NAME STREET

CALDWELL, ID 83605

FILL IN COMPLETE ADDRESS

DRAW AN ARROW IN THE NORTHERN DIRECTION



**City of Caldwell**  
CLATSOP COUNTY

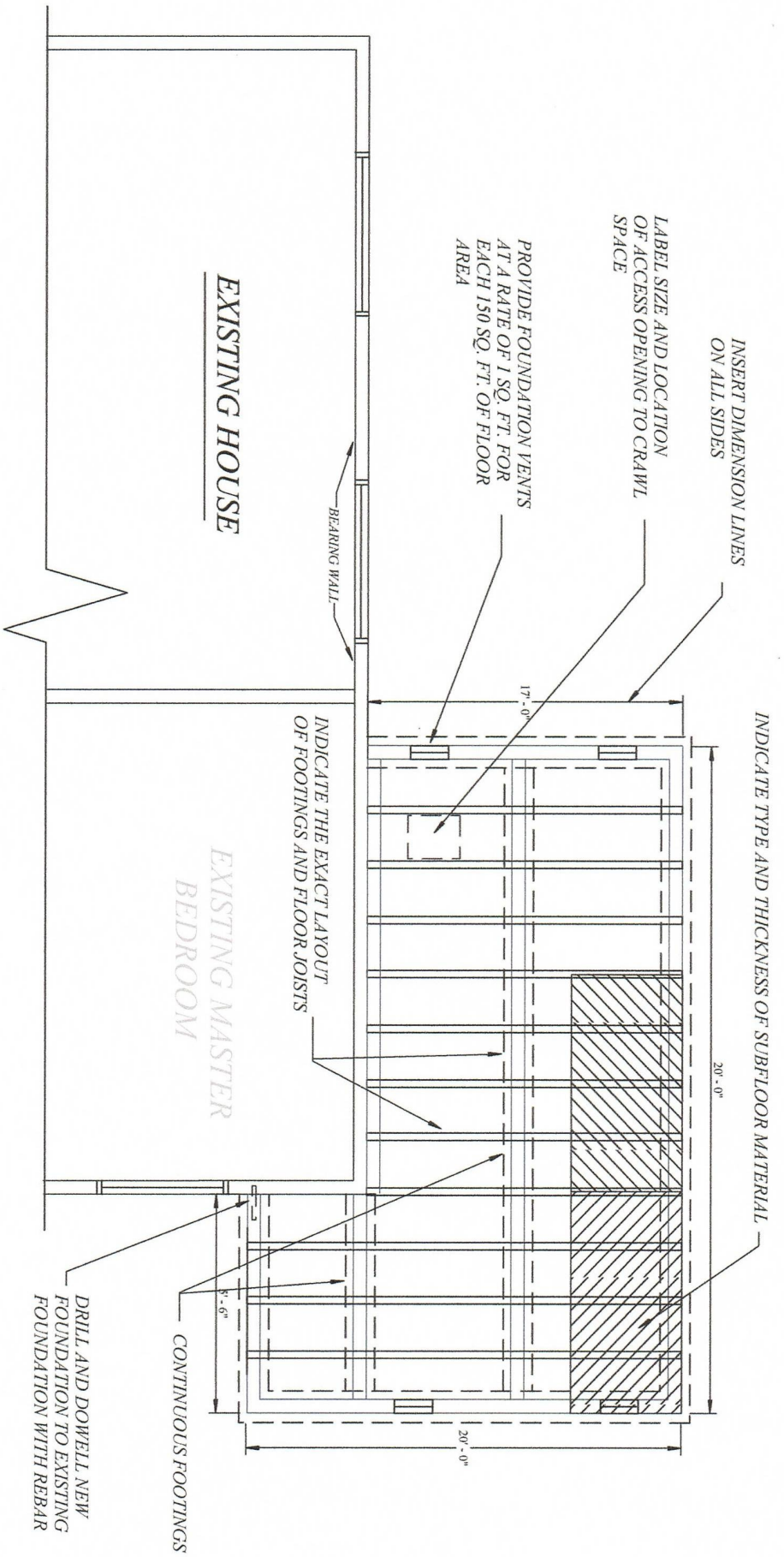


208-455-3024  
 Fax: 208-455-3050

TITLE  
**Department of Building Safety**

**ADDITION SITE PLAN EXAMPLE**

SIZE	CAGE CODE	DWG NO	REV
SCALE	NTS	07-10	
SHEET			1



1. THIS DRAWING IS AN EXAMPLE ONLY. IT IS TO BE USED AS A GUIDE TO PREPARE DRAWINGS FOR THE SUBMITTAL PROCESS.
2. IF NEEDED, USE THE "BUILDING SECTION" DRAWING TO DEPICT ALL OF THE CONSTRUCTION DETAILS.
3. IF NEEDED, USE THE SITE PLAN TO DEPICT THE LOCATION ON LOT, AND DISTANCES TO THE PROPERTY LINES.
4. THIS DRAWING IS NOT TO SCALE.



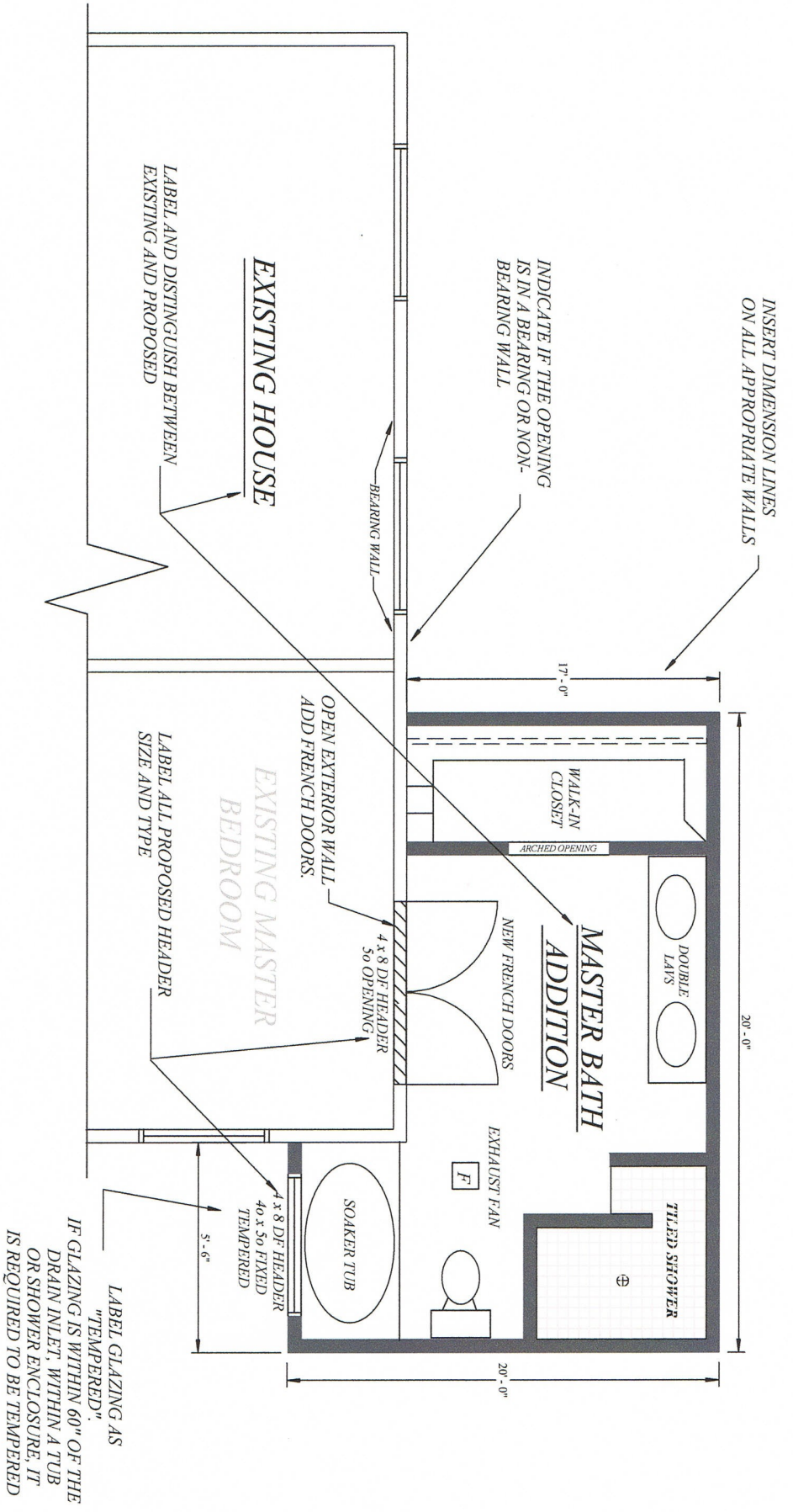
**City of Caldwell**  
 208-455-3024  
 FAX: 208-455-3050

*Department of Building Safety*


**ADDITION FOUNDATION PLAN DETAIL**

TITLE	ADDITION FOUNDATION PLAN DETAIL			REV
SIZE	CAGE CODE	DWG NO	07-10	
SCALE	NTS	SHEET	1	





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4. THIS DRAWING IS NOT TO SCALE.



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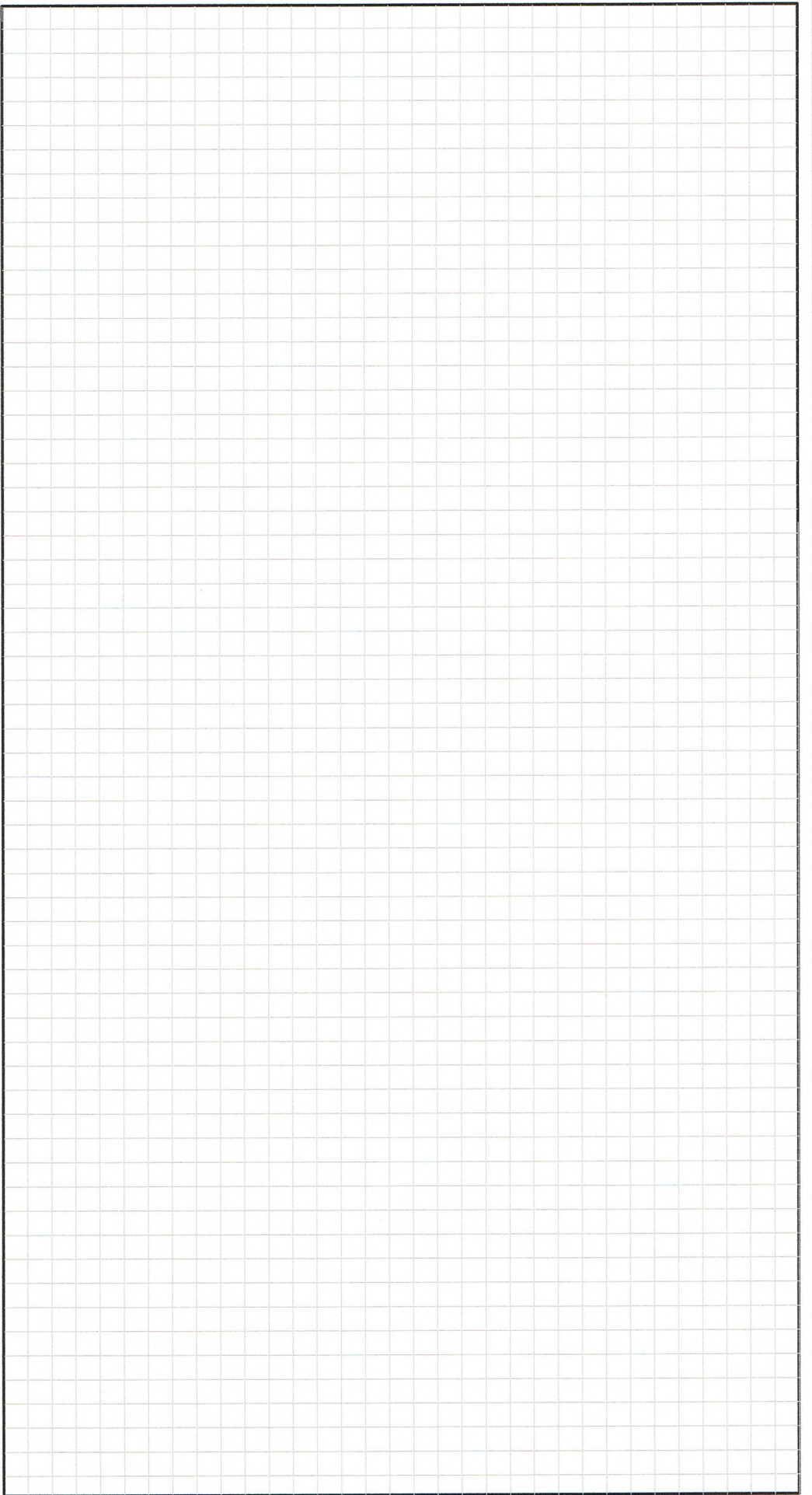
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TITLE

**Department of Building Safety**

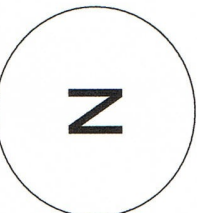
**ADDITION FLOOR PLAN EXAMPLE**

SIZE	CAGE CODE	DWG NO	REV
SCALE	NTS		
		07-10	
		SHEET	1



ADDRESS OF PROPERTY: \_\_\_\_\_

APPLICANT: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



INDICATE NORTH IN RELATION TO PROPERTY



**City of  
Caldwell**

208-455-3024

Fax: 208-455-3050

*Department of  
Building Safety*

**PLOT PLAN**

TITLE

SIZE

CAGE CODE

DWG NO

12-06

REV

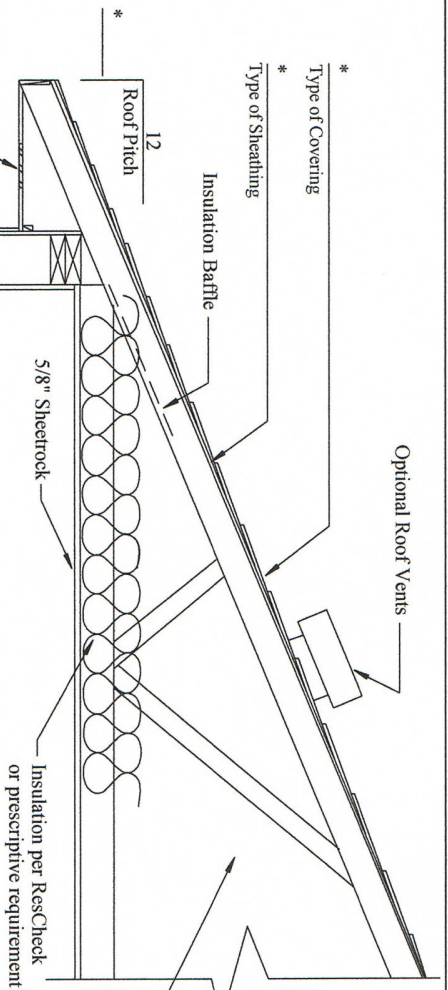
SCALE

NTS

SHEET

1

# FILL IN ALL AREAS DENOTED WITH ASTERISKS



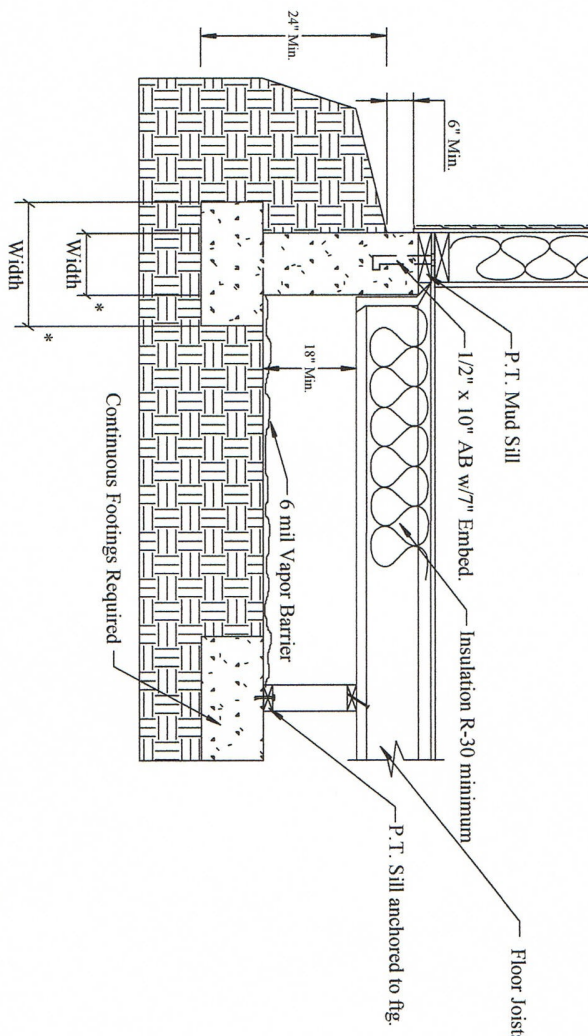
Engineered Trusses  
Or  
Stick Built

Rafters \_\_\_\_\_ x \_\_\_\_\_ @ \_\_\_\_\_ O.C. \*

Joists \_\_\_\_\_ x \_\_\_\_\_ @ \_\_\_\_\_ O.C. \*

Egress Windows shall have a minimum of 5.7 sq. ft. of openable area. The minimum dimensions of the opening shall be a 20" width and a 24" height. The maximum sill height from the finished floor shall be 44".

ResCheck or prescriptive form shall be submitted with the permit application.



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TITLE		Department of Building Safety	
BUILDING SECTION		09-06	
SIZE	CAGE CODE	DWG NO	REV
SCALE	NTS	SHEET	1