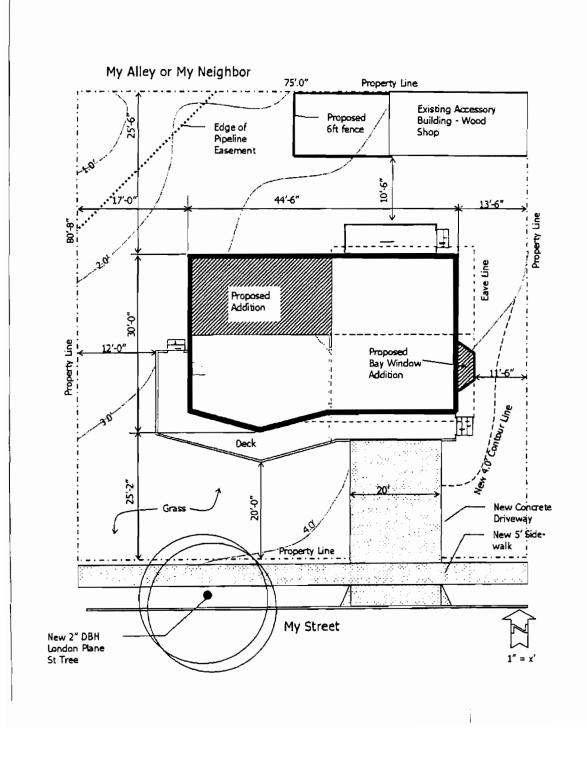
CITY OF COEUR D'ALENE Residential Perm	it Application			
Job Address N S E W	ST AVE DR RD Pl L	N CIR CT WY LP		
Legal Description LOT BLOCK SUBDIVISION	Value of W	ork \$		
Describe work				
Total Square Footage (including basement and garage):				
<b>Description of Lot:</b>	n Flood Plain			
Owner: Contact Person	Phone	Fax		
Address(C/S/Z):	E-mail			
Draftsman/Architect: Contact Person	Phone	Fax		
Address (C/S/Z):	E-mail			
Engineer: Contact Person	Phone	Fax		
Address (C/S/Z):	E-mail			
Contractor: Contact Person	Phone	Fax		
Address (C/S/Z):	E-mail			
Contractor Registration No.	Expiration date:			
NOTE: If fire sprinklers are installed, the system designer must verify that the water tap service line and water meter are adequately sized for the correct operation of the fire suppression system.				
I understand that separate electrical, plumbing, and mechanical permits may be required. I understand that homes built on hillsides and in floodplains may require additional design information and may have additional construction requirements. I understand that homes built in some areas of the city may require fire sprinklers.				
Owner/Authorized Agent	Date			
Staff to complete:     Submittal Date:   Plan Review Fee:	Accepted By:			



## CITY OF COEUR D'ALENE Mechanical Permit Application

STY BY THE LASS	Description of Item	# of items	Fee	Totals
Job Address:	Processing Fee	1	\$ 35	\$ 35
	Air Handler < 10,000 CFM		x 12	
Owner:	Air Handler > 10,000 CFM		x 20	
	Ductwork (Separate System)		x 8	
Address:	Boiler/Refrig > 1750M BTU		x 98	
City/Zip:	Boiler/Refrig 1,001-1750M BTU		x 59	
	Boiler/Refrig 100-500M BTU		x 29	
Phone:	Donel/Reing 1 Toolit BTC		x 16	
Fax: E-Mail	Boiler/Refrig 501-1000M BTU		x 40	
Mach Contractor	Clothes Dryer		x 16	
Mech Contractor:	Electric Furnace		x 16	
Address:	Evaporative Coolers		x 12	
City/Zip:	Gas Equipment < 100,000 BTU		x 16	
	Oas Equipment > 100,000 B10		x 20	
Phone: Lic. # Exp Date	8		x 16	
Fax: E-Mail	Gas Piping (each outlet)		x 2	
	Gas Water Heater		x 16	
Use of building: 🗆 Commercial 🛛 Residential	Heat Pump & $A/C > 50$ tons		x 98	
	Heat Pump & A/C 0-3 tons		x 16	
Describe work:	Heat Pump & A/C 15-30 tons		x 40	
	Heat Pump & A/C 30-50 tons		x 59	
	Heat Pump & A/C 3-15 tons		x 29	
	Miscellaneous (not covered elsewhere)		x 26	
	Mobile Home Gas Hook-up		x 16	
Special Conditions:	Gas Range		x 16	
	Type I Hood (per 12' or portion thereof)		x 12	
	Type II Hood (Typical Residential)		x 12	
	VAV Units/Duct Heater		x 8	
	Used Appliance < 400,000 BTU	<u> </u>	x 75	
Signature:	Used Appliance > 400,000 BTU	<u> </u>	x 125	
Approved by :	Ventilating Fans	<u> </u>	x 8	
	– Woodstove/Insert		x 20	
Date :		PERMI	T FEE	\$





## **RESIDENTIAL HVAC SYSTEM DESIGN FORM**

710 E Mullan Ave, Coeur d'Alene, ID 83814 (208) 769-2267

Building Permit No. \_\_\_\_\_

Please COMPLETE " <u>ALL</u> " Fields Below	DESIGNATED CONTACT PERSON			
(For new dwellings submitted for building permits	Name:			
after 01-01-2010)				
Mechanical Contractor:	REQUIRED ATTACHMENTS ATTACHED			
License Number:	1. Manufacturer's Performance Data Sheets       Yes         2. Manual D Worksheets       Yes         3. Duct Distribution Line Drawing       Yes         4. Choose one (1) of the following:			
Phone Number: E-mail:	a) Manual J1 Form & Worksheets Yes			
Job Address:	- <i>OR</i> - b) MJ1AE Form & Worksheets* Yes			
	-OR- c) Other Approved Form & Worksheets Yes			
HVAC LOAD CALCULATIONS (	from worksheet; Per 2006 IRC M1401.3)			
Design Conditions: Buil	ding Construction Information:			
0	uilding:			
Outdoor Temperature	Number of Bedrooms			
Indoor Temperature Total Heat Loss btu	Conditioned Floor Area sq ft			
Total Heat Loss btu	Number of Occupants bedrooms + 1			
Summer Design Conditions: V	Vindows:			
Outdoor Temperature	Eave Overhang Depthft			
Indoor Temperature	U – Factor			
	Skylights:			
Total Heat Gain btu	Direction Orientation of Front Door:			
HVAC EQUIPMENT SELE	CTION (Per 2006 IRC M1401.3)			
Heating Equipment Data: Cooling Equ	ipment Data: Blower Data:			
Equipment Type Equipment T	ype Heating cfm			
Manufacturer Manufacture	ē			
Model Number Model Numb				
Heating Capacity Cooling Cap	acıty			
HVAC DUCT DISTRIBUTION	N DESIGN (Per 2006 IRC M1601.1)			
Design Airflow Longest Supply Ru				
External Static Pressure Longest Return Ru				
Pressure Losses Total Effective Les	ngth sheet metal, other: sheet metal, other:			
Available Static PressureFriction Rate				
The load calculations, equipment selection, and duct system Building Permit. The system will be installed in the field p	n design were performed based on the plans as submitted for a per the approved equipment and duct design.			
CONTRACTOR (Please Print)				
Contractor Signature:	Date			
* If Home qualifies for MJ1AE form base on Abridged Edition Checklist				

### City of Coeur d'Alene Residential Plan Submittal Minimums

Building and Mechanical applications must be fully completed for Owner/Authorized Agent section including legal description, value of work and e-mail address. A plan check fee is due in the form of cash or check at the time of permit submittal. *Provide contractor registration number and expiration date. If homeowner is doing the work complete the registration exemption form.* 

### Mechanical requirements effective January 1, 2010 for new construction.

- ACCA Manuals J and D worksheets,
- A mechanical plan showing locations, sizes and specific fittings of the duct system,
- Manufacturer's data sheets for the specific proposed HVAC appliances,
- ACCA spreadsheets and tutorial are at <u>http://www.acca.org/speedsheet/</u> and software is available for purchase at <u>http://www.acca.org/store/</u>

# Construction documents: Submit plans in PDF format on a CD or through the internet. A plan check fee is due in the form of cash or check at the time of permit submittal.

Plan details. Provide elevations, roof plan, framing plans and details.

#### Site plan and lot square footage. (See sample and attached site plan checklist)

Show on the plans the height of any proposed buildings or accessory structures in relation to average grade.

• Height of proposed structure\_\_\_\_\_feet.

Floor Plan for each floor

- Show each level of existing house and include square footage including the garage.
- Dimension and label each room include square footage of existing house and any addition.
- Show smoke detector locations. One smoke detector is required in each bedroom, outside each sleeping area and at least 1 per level of the house.

Furnace and hot water heater location.

Egress windows. Provide at least one egress window in every bedroom and at least one on each level.

All braced wall panel types. Show locations and details of installation, including engineered design.

Attic access. Should be 22"x30" (not allowed in closets smaller then 5' x 7')

Crawl space access. Should be 18" x 24" min (22"x30" min if access to mechanical equipment)

One-hour fire resistive separation detail between house and garage.

Floor framing details. Show beams, joists type, size, spacing and installation details.

Roof framing plan and details or truss layout and datasheets, include over-framing details.

All headers and beams location including type, size and connections.

Foundation plan with cross sections of footings, pads, wall reinforcement, anchor bolts, hold downs and sill plates. Include deck and patio details.

**Energy Calculations (PDF 2006 IECC)**: Including percentage of glazing, U-factor of windows, R-values of basement, slab, crawl, floors, exterior walls and ceilings. Website: <u>www.energycodes.gov</u> (Latest Version) Tech support: <u>techsupport@becp.pnl.gov</u>

## City of Coeur d'Alene Site Plan Requirement Checklist Residential and Duplexes

Show and correctly *dimension distances to all* property lines and all other structures to include:

Entire footprint of house and *dimensions of all* other building elements to include:

Proposed additions Alterations Roof overhangs/Other projections as dotted lines Porches/Decks Accessory structures (*Garages/Out buildings*) Mechanical equipment Adjacent streets/Alleys Existing or proposed means of ingress/Egress (*Driveways*) Existing or proposed:

■ Sidewalks,  $\blacksquare$  curbs,  $\blacksquare$  planting strips, and  $\blacksquare$  swales

Existing or proposed use (*i.e.: Existing home, proposed garage, etc.*)

Setbacks\*:

*Existing structure(s)* setbacks from property lines as well as the distance from other buildings or structures on the same lot

<u>**Proposed structure</u>** setbacks from property lines as well as the distance from other buildings or structures on the same lot</u>

\* Make sure that all building and setback dimensions add up to the total property length and width.

Areas of required landscaping/Open space/Trees

Show location and heights of any proposed fencing

Scale of drawing/North arrow/Lot square footage

Written description of proposed use on application (*Type/Describe-On first page*)

Show all dimensions of proposed off-street parking spaces, driveways and approaches Zoning (Check all that apply):

<b>R-1</b>	<b>R-3</b>	<b>R-5</b>	<b>R-8</b>	<b>R-12</b>	<b>R-17</b>	<b>MH-8</b>	DC
Infill overlay district (if applicable):			DO-N	DO-E	MO		
Name of PUD (if applicable):							

Show location and dimension of any/all easements and identify type of easement

Clearly indicate existing and proposed lot drainage and grade

Indicate any areas that grade is to be filled or cut

Completed by

### Street Tree Requirements for New Construction

City ordinances require the planting of one street tree per street frontage for new construction of duplexes and single-family dwellings. Note that corner lots would require two street trees—one per frontage.

A \$300 fee per street frontage will be collected when a building permit is issued.

A request for a refund of the \$300 fee can be submitted when one of the following conditions have been met:

1. Retention of existing trees within the right-of-way;

2. Purchase and planting of one street per frontage at time of application of Certificate of Occupancy;

3. Purchase and planting of a street tree(s) within 6 months of issuance of Certificate of Occupancy.

The attached brochure outlines the ordinance requirement, provides information on selecting and planting trees, and includes an application for a refund of the fee.

### The following information is needed for your property:

Property Address or Parcel Number:

Number of frontages \_\_\_\_\_

Signature:

Date: \_\_\_\_\_

### **Application for Refund**

Contractors or homeowners can apply for refund at the time of application for Certificate of Occupancy. Homeowners have until six months after issuance of a C.O., to apply for a refund.

Property Location / Address

Refund to be mailed to:

Contractor (*name & address*)

Homeowner (name & address)

Signature \_\_\_\_\_

Date

Submit to:

City of Coeur d'Alene Attn: Urban Forestry 710 E. Mullan Avenue Coeur d'Alene, ID 83814



CITY OF COEUR D'ALENE

BUILDING DEPARTMENT

710 EAST MULLAN AVENUE COEUR D'ALENE, IDAHO 83814 - 3964 208-769-2267 - 208-769-2237 FAX

## **BUILDING PERMIT ADDENDUM – CONTRACTOR REGISTRATION EXEMPTION DECLARATION**

Effective immediately the City of Coeur d'Alene will not accept a building permit application unless the applicant provides proof of contractor registration as required by Idaho Code 54-5209.

If you are exempt from the contractor registration you are required to:

• Complete the following addendum by indicating that you are exempt from the registration as provided by Idaho Code 54- 5205. In order to complete the addendum you must identify the basis for your exempt status including a reference to the Idaho Code subsection creating the exemption.

I certify, under penalty of perjury, that I am exempt from the contractor registration requirement of I.C. 54-5209.

I am exempt because	_, which is
established as an exemption by I. C. 54-5205	
List of exemptions Idaho Statutes	

I understand that acting in the capacity of a contractor within the meaning of Idaho Code Chapter 54 Title 52 without a current registration with the Idaho Bureau of Occupation Licenses or without being exempt as defined by Idaho Code 54-5205, is a misdemeanor punishable by a fine not to exceed one thousand dollars (\$1,000) or by imprisonment in the county jail for a term not to exceed six months, or both.

Name: (Please Print)

Signature: Date: