City of Coeur d'Alene
Building Code Worksheet

Please include the following information on the plan sets when submitting for permit. All the information must be included on the code analysis sheet(s). The code analysis sheets shall include a basic floor plan for each level showing partitions, stairs, doors and door swings, fixtures, corridors, rated walls, shafts, and enclosures.
This form must be completed and returned with the building permit application.

Clearly label the following:
- ❑ IBC Occupancy classification of each room or area and floor.
- ❑ Square footage of floor area of each room or area.
- ❑ Occupant load factor used for each room or area and floor.
- ❑ Occupant load of each room or area and floor.
- ❑ Use of each room or area (i.e. office, sales, conference, kitchen, etc, and incidental use areas per Table 302.1.1)
- ❑ Graphically show the extent and rating of all rated assemblies both vertical and horizontal, including the rating of any required opening protection.
- ❑ Provide a total occupant load summary for each floor or level.
- ❑ Cleary show all actual and assumed property lines, including those required by IBC 704.3
- ❑ Indicate any doors that are provided with panic hardware and/or magnetic hold-opens.
- ❑ Provide accessible information of site and all parts of the building.
- ❑ **Clearly show a complete Means of Egress Path, including the width, common path of travel, travel distance, diagonal distance of exits, exit signs, and all required exits. Include slope cross-slope and topo for any accessible ramps. For open stairs, provide travel distance down stairs to exterior exit.**

Building code edition:_____ IBC Mechanical code edition:_____ IMC Plumbing code edition:_____ UPC

Fuel Gas Code:_____ IFGC Energy Code:_____IECC ComCheck:_____ ResCheck:_____

Building Use or Occupancy

Identify all use and occupancy class groups in the building. (i.e. B, M, R-2, A-3, etc)				
☐Yes ☐No **Separated Use**	To		=	hr(s)
If yes, complete Sum of Ratios calculation and list all occupancy separation fire barrier ratings required (i.e. B to S-2 = 2 hr), IBC 302.3.2 Include both horizontal and vertical separations.	To		=	hr(s)
	To		=	hr(s)
☐Yes ☐No **Non-separated Use**	To		=	hr(s)
If yes, provide Non-Separated use calculation per IBC 302.3.1	To		=	hr(s)

Sum of the Ratios Calculation (if separated use per IBC 302.3.2) Example: Actual area (B) / Allowable + Actual area (A-3) / Allowable + Actual area (S-1) / Allowable = 1 or less
Non-Separated Use Calculation (if non-separated use per IBC 302.3.1) Determine allowable building area based on most restrictive construction type required for non-separated use.

List construction types used in design _____

	Allowed	Proposed
Building Height (per IBC Table 503)		
Number of Stories (per IBC Table 503)		

Is an Automatic Sprinkler system per NFPA 13 provided throughout?	YES	NO
Are quick response heads provided throughout?	YES	NO
Are quick response heads provided per occupancy?	YES	NO
Is an Automatic Sprinkler system used in place of 1-hr construction?	YES	NO
Is there a basement? if YES, list square footage of basement and grade elevations on code analysis sheets	YES	NO

Fire Resistance of Exterior Walls based on fire separation distance (IBC Table 602) **List wall and fire separation distances:**	Rating	Opening Protection
1.		
2.		
3.		
4.		

Fire Resistance Rating Requirements per IBC Table 601	**Rating Required**	**Rating Provided**	**Assembly #**
Structural Frame			
Bearing Walls – Exterior			
Bearing Walls – Interior			
Nonbearing walls and partitions – Exterior			
Nonbearing walls and partitions – Interior			
Floor Construction			
Roof Construction			

Area Limitations – If there are multiple construction types, or a fire wall divides the building, provide a separate analysis for each area. Repeat as necessary.

Area limitation for each IBC use or occupancy group	**Occupancy 1 Allowed / Actual**	**Occupancy 2 Allowed / Actual**	**Occupancy 3 Allowed / Actual**
IBC use or occupancy group			
Table 503 Area Limitation (per IBC table 503)			
Frontage Area Increase Multiplier (per IBC 506.2 equation 5-1 Provide on code analysis sheet			
Automatic sprinkler system area increase multiplier Provide on code analysis sheet			
Total Allowable floor area (equation 5-1 / IBC 506.1)			
Total allowable building area (per IBC 506.4)			
Does the building qualify for unlimited area (per IBC 507)		YES	NO

Occupant Load and Exiting

If there are multiple IBC occupancy types on any floor or in the building, provide a separate analysis for each occupancy type. Repeat as necessary.

		Basement	First Floor	Mezzanine	Second Floor	Third Floor	Other Floors
Total Occupant Load							

Number of Exits and Exit Width from each level (as applicable)	**Number Of Exits**		**Exit Width**			
			Stairs		**Other egress components**	
	Required	**Provided**	**Required**	**Provided**	**Required**	**Provided**
Basement						
First Floor						
Mezzanine						
Second Floor						
Other Floors						
Are areas of refuge required?					**YES**	**NO**

Plumbing Fixture Count - - Based on 2003 IBC Chapter 29

Provide calculation per occupancy Example: B occupancy of 10,000 sf / 100 sf per occupant = 100 / 2 = 50 tabular = 2 WC and 2 lav required for male and female in addition to a service sink and drinking fountains.	
Number of Water Closets	
Required:	Provided:
Number of Fixtures	
Required:	Provided:
Number of Drinking Fountains (IBC Table 2902.1)	
Required:	Provided:
Number of Service Sinks (IBC Table 2902.1)	
Required:	Provided:
Number of Accessible Water Closets (IBC 1109.2)	
Required:	Provided:
Number of Unisex Toilets (IBC 1109.2.1)	
Required:	Provided: