

FOUNDATION COMPLIANCE FORM



PERMIT # _____

The checklist below is to be completed and submitted to confirm compliance with Section 9.15 of the NBC 2023-AE. Reinforcing for foundation walls is required where backfill heights exceed Table 9.15.4.2, if an opening for a stairwell or window is more than 1.2 m (4') wide, or the total width of the openings in the foundation wall constitutes more than 25% of the length of the wall. Professional engineering involvement may be required if the prescriptive requirements of National Building Code 2023-AE are not met. If manufacturer specific engineering is being used, provide a copy and provide specific reference to page and table numbers in the details below, in addition to details provided on the building plans.

APPLICANT _____ DATE _____
 PROPERTY _____
 ADDRESS _____

TYPE:	Concrete	ICF	PWF	MGO	PILES USED? DETAILS IF YES	YES	NO	CONCRETE STRENGTH	MPa	
	(PWF & MGO Foundations Required Engineer's Stamp)							CONCRETE REQUIREMENTS		
CONCRETE WALL THICKNESS		6 in.		8 in.	COLUMN PAD USED DETAILS IF YES	YES	NO	SPECIAL BACKFILL REQUIREMENTS		
WALL HEIGHT		ft.			WING WALL DETAILS IF YES	YES	NO	ADMIXTURES	YES	NO
FOOTING	WIDTH		DEPTH		CONCRETE STEPS DETAILS IF YES	YES	NO	ADMIX DETAILS		
HOUSE		in.		in.				RETAINING WALL	YES	NO
GARAGE		in.		in.	NUMBER OF RISERS			IF YES ATTACHED TO HOUSE?	YES	NO
WALKOUT		in.		in.				RETAINING WALL HEIGHT		
FOUNDATION HEAT 9.12.3.3 (typically Oct 15 – Apr 15)			YES	NO	SUPPORTING LOAD?	YES	NO			

WALL	WALL GENERAL REINFORCEMENT Vert. and Horiz.		MAX BACKFILL HEIGHT ft. in.
	OPENING SIZE AND % OF WALL		
	ADDITIONAL REINFORCING. DUE TO OPENINGS		
	LATERAL SUPPORT CONNECTION TO FLOOR DETAILS		
WALL	WALL GENERAL REINFORCEMENT Vert. and Horiz.		MAX BACKFILL HEIGHT ft. in.
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	OPENING SIZE AND % OF WALL		
	ADDITIONAL REINFORCING. DUE TO OPENINGS		
	LATERAL SUPPORT CONNECTION TO FLOOR DETAILS		

SIGNATURES OF CONFIRMATION I CONFIRM THAT FOUNDATION REINFORCEMENT HAS BEEN INSTALLED AS INDICATED ON DETAILS ABOVE AND ON SUBMITTED PLANS, IS IN COMPLIANCE WITH THE SITE SPECIFIC GEOTECHNICAL REPORT AND IS IN COMPLIANCE WITH NATIONAL BUILDING CODE 2023-AE. SIGNED BELOW

TO BE SIGNED AFTER WITNESSING THE INSTALLATION OF THE REINFORCEMENT

BUILDER REPRESENTATIVE NAME _____ PHONE _____ TITLE _____ DATE _____

SIGN _____

FOUNDATION CONTRACTOR NAME _____ PHONE _____ TITLE _____ DATE _____

SIGN _____

FOR REGIONAL MUNICIPALITY OF WOOD BUFFALO OFFICE USE ONLY

REINFORCEMENT INSPECTION REQUIRED	<input type="checkbox"/> YES <input type="checkbox"/> NO	ENGINEERING REQUIRED FOR FOUNDATION?	<input type="checkbox"/> YES <input type="checkbox"/> NO
PICTURES REQUIRED?	<input type="checkbox"/> YES <input type="checkbox"/> NO	ENGINEERING SUBMITTED WITH APPLICATION?	<input type="checkbox"/> YES <input type="checkbox"/> NO
		ENGINEERING FIELD REVIEW REQUIRED?	<input type="checkbox"/> YES <input type="checkbox"/> NO

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The checklist below is to be completed and submitted to confirm compliance with Section 9.15 of the NBC 2023-AE. Reinforcing for foundation walls is required where backfill heights exceed Table 9.15.4.2, if an opening for a stairwell or window is more than 1.2 m (4') wide, or the total width of the openings in the foundation wall constitutes more than 25% of the length of the wall. Professional engineering involvement may be required if the prescriptive requirements of National Building Code 2023-AE are not met. If manufacturer specific engineering is being used, provide a copy and provide specific reference to page and table numbers in the details below, in addition to details provided on the building plans.

APPLICANT **Art Vandelay** DATE **September 2, 2017**
 PROPERTY ADDRESS **405 East 42nd Street, Fort McMurray AB T9K 2W6**

TYPE: <input checked="" type="checkbox"/> Concrete <input type="checkbox"/> ICF <input type="checkbox"/> PWF <input type="checkbox"/> MGO (PWF & MGO Foundations Require Engineer's Stamp)	PILES USED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO DETAILS IF YES screw piles, front veranda - eng. attached	CONCRETE STRENGTH 20 MPa
CONCRETE WALL THICKNESS <input type="checkbox"/> 6 in. <input checked="" type="checkbox"/> 8 in.	COLUMN PAD USED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO DETAILS IF YES	CONCRETE REQUIREMENTS
WALL HEIGHT 9 ft.	WING WALL <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO DETAILS IF YES 2.0m	SPECIAL BACKFILL REQUIREMENTS
FOOTING WIDTH DEPTH HOUSE 20 in. 8 in. GARAGE 20 in. 8 in. WALKOUT 20 in. 8 in.	CONCRETE STEPS <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO DETAILS IF YES precast	ADMIXTURES <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO ADMIX DETAILS
FOUNDATION HEAT 9.12.3.3 (typically Oct 15 - Apr 15) <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	NUMBER OF RISERS 5	RETAINING WALL <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO IF YES ATTACHED TO HOUSE? <input type="checkbox"/> YES <input type="checkbox"/> NO
DETAILS IF YES	SUPPORTING LOAD? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	RETAINING WALL HEIGHT

front WALL	WALL GENERAL REINFORCEMENT Vert. and Horiz.	10m every 2', horiz and vertical, located 30mm from inside face	MAX BACKFILL HEIGHT 7 ft. in.
	OPENING SIZE AND % OF WALL	window 60x30, 23% - 2 ply rimboard above extending 24" beyond ends.	
	ADDITIONAL REINFORCING. DUE TO OPENINGS	vert (2)15M @ 3" OC each side of opening, 30mm from inside face. Horiz (2) 15M @ 3" below, extending 24" each side	
	LATERAL SUPPORT CONNECTION TO FLOOR DETAILS	3" 16g strap on each side cast in pour, double joist or blocking panel at each end, screwed and glued	
rear WALL	WALL GENERAL REINFORCEMENT Vert. and Horiz.	10m every 2', horiz and vertical, located 30mm from inside face	MAX BACKFILL HEIGHT 6 ft. in.
	OPENING SIZE AND % OF WALL		
	ADDITIONAL REINFORCING. DUE TO OPENINGS		
	LATERAL SUPPORT CONNECTION TO FLOOR DETAILS	3" 16g strap on each side cast in pour, double joist or blocking panel at each end, screwed and glued	
left WALL	WALL GENERAL REINFORCEMENT Vert. and Horiz.	10m every 2', horiz and vertical, located 30mm from inside face	MAX BACKFILL HEIGHT 7 ft. in.
	OPENING SIZE AND % OF WALL	60x30" window, 14% - 2 ply rimboard above extending 24" beyond ends.	
	ADDITIONAL REINFORCING. DUE TO OPENINGS	vert (2)15M @ 3" OC each side of opening, 30mm from inside face. Horiz (2) 15M @ 3" below, extending 24" each side	
	LATERAL SUPPORT CONNECTION TO FLOOR DETAILS	3" 16g strap on each side cast in pour, double joist or blocking panel at each end, screwed and glued	
right WALL	WALL GENERAL REINFORCEMENT Vert. and Horiz.	10m every 2', horiz and vertical, located 30mm from inside face	MAX BACKFILL HEIGHT 7 ft. in.
	OPENING SIZE AND % OF WALL	12' stairwell, 33%	
	ADDITIONAL REINFORCING. DUE TO OPENINGS	vert (3) 15m @ 3" OC on each side of stairwell, horiz (3) 15M @ 18" OC, 24" wider than stairwell	
	LATERAL SUPPORT CONNECTION TO FLOOR DETAILS	3" 16g strap on each side cast in pour double joist or blocking panel at each end, screwed and glued	

SIGNATURES OF CONFIRMATION I CONFIRM THAT FOUNDATION REINFORCEMENT HAS BEEN INSTALLED AS INDICATED ON DETAILS ABOVE AND ON SUBMITTED PLANS, IS IN COMPLIANCE WITH THE SITE SPECIFIC GEOTECHNICAL REPORT AND IS IN COMPLIANCE WITH NATIONAL BUILDING CODE 2023-AE. SIGNED BELOW

BUILDER REPRESENTATIVE NAME		DATE
SIGN		
FOUNDATION CONTRACTOR NAME	PHONE	DATE
SIGN		
FOR REGIONAL MUNICIPALITY OF WOOD BUFFALO OFFICE USE ONLY		
REINFORCEMENT INSPECTED	<input type="checkbox"/> YES <input type="checkbox"/> NO	ENGINEERING REQUIRED FOR FOUNDATION? <input type="checkbox"/> YES <input type="checkbox"/> NO
PICTURES REQUIRED?	<input type="checkbox"/> YES <input type="checkbox"/> NO	ENGINEERING SUBMITTED WITH APPLICATION? <input type="checkbox"/> YES <input type="checkbox"/> NO
		ENGINEERING FIELD REVIEW REQUIRED? <input type="checkbox"/> YES <input type="checkbox"/> NO

Sample