

FOUNDATION COMPLIANCE FORM

PERMIT # _____



The checklist below is to be completed and submitted to confirm compliance with Section 9.15 of the current version NBC-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 the current version National Building Code-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?		YES	NO	CONCRETE STRENGTH		MPa
		(PWF & MGO Foundations Required Engineer's Stamp)				DETAILS IF YES				CONCRETE REQUIREMENTS		
CONCRETE WALL THICKNESS		6 in.		8 in.		COLUMN PAD USED		YES	NO	SPECIAL BACKFILL REQUIREMENTS		
WALL HEIGHT		ft.				DETAILS IF YES						
FOOTING		WIDTH		DEPTH		WING WALL		YES	NO	ADMIXTURES		YES NO
HOUSE		in.		in.		DETAILS IF YES				ADMIX DETAILS		
GARAGE		in.		in.								
WALKOUT		in.		in.		CONCRETE STEPS		YES	NO			
FOUNDATION HEAT 9.12.3.3 (typically Oct 15 – Apr 15)		YES		NO		DETAILS IF YES				RETAINING WALL		YES NO
						NUMBER OF RISERS				IF YES ATTACHED TO HOUSE?		YES NO
DETAILS IF YES						SUPPORTING LOAD?		YES	NO	RETAINING WALL HEIGHT		

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.
	OPENING SIZE AND % OF WALL		
	ADDITIONAL REINFORCING. DUE TO OPENINGS		
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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		

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 THE CURRENT VERSION NBC-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	☐ YES ☐ NO	ENGINEERING REQUIRED FOR FOUNDATION?	☐ YES ☐ NO
PICTURES REQUIRED?	☐ YES ☐ NO	ENGINEERING SUBMITTED WITH APPLICATION?	☐ YES ☐ NO
		ENGINEERING FIELD REVIEW REQUIRED?	☐ YES ☐ NO

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APPLICANT <u>Art Vandelay</u>		DATE <u>September 2, 2017</u>	
PROPERTY ADDRESS <u>405 East 42nd Street, Fort McMurray AB T9K 2W6</u>			
TYPE: ☒ Concrete ☐ ICF ☐ PWF ☐ MGO (PWF & MGO Foundations Require Engineer's Stamp)		PILES USED? ☒ YES ☐ NO DETAILS IF YES <u>screw piles, front veranda - eng. attached</u>	
CONCRETE WALL THICKNESS ☐ 6 in. ☒ 8 in. WALL HEIGHT <u>9</u> ft.		COLUMN PAD USED ☐ YES ☒ NO DETAILS IF YES _____	
FOOTING WIDTH DEPTH HOUSE <u>20</u> in. <u>8</u> in. GARAGE <u>20</u> in. <u>8</u> in. WALKOUT <u>20</u> in. <u>8</u> in.		WING WALL ☒ YES ☐ NO DETAILS IF YES <u>2.0m</u>	
FOUNDATION HEAT 9.12.3.3 ☐ YES ☒ NO (typically Oct 15 – Apr 15)		CONCRETE STEPS ☒ YES ☐ NO DETAILS IF YES <u>precast</u>	
		NUMBER OF RISERS <u>5</u>	
		SUPPORTING LOAD? ☒ YES ☐ NO	
		CONCRETE STRENGTH <u>20</u> MPa	
		CONCRETE REQUIREMENTS	
		SPECIAL BACKFILL REQUIREMENTS	
		ADMIXTURES ☐ YES ☒ NO ADMIX DETAILS _____	
		RETAINING WALL ☐ YES ☒ NO IF YES ATTACHED TO HOUSE? ☐ YES ☐ NO	
		RETAINING WALL HEIGHT _____	
front WALL	WALL GENERAL REINFORCEMENT Vert. and Horiz.		10m every 2', horiz and vertical, located 30mm from inside face
	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
	OPENING SIZE AND % OF WALL		MAX BACKFILL HEIGHT 6 ft. in.
	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
	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
	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 THE CURRENT VERSION NBC-AE. SIGNED BELOW	
BUILDER REPRESENTATIVE NAME _____		DATE _____	
SIGN _____			
FOUNDATION CONTRACTOR NAME _____		DATE _____	
SIGN _____			
FOR REGIONAL MUNICIPALITY OF WOOD BUFFALO OFFICE USE ONLY			
REINFORCEMENT INSPECTED ☐ YES ☐ NO		ENGINEERING REQUIRED FOR FOUNDATION? ☐ YES ☐ NO	
PICTURES REQUIRED? ☐ YES ☐ NO		ENGINEERING SUBMITTED WITH APPLICATION? ☐ YES ☐ NO	
		ENGINEERING FIELD REVIEW REQUIRED? ☐ YES ☐ NO	