





RIGHT SIDE ELEVATION 'A'

UNIT 5004-UPG-LOT 23-THE BEAUMONT

B-12 ENERGY EFFICIENCY DESIGN MATRIX	

SB-12 (SECTION 3.1.1) TABLE 3.1.1.2.A

PACKAGE A1

PRESCRIPTIVE COMPLIANCE

BUILDING COMPONENT REQUIRED PROPOSED INSULATION RSI (R) VALUE	I FAUNAGLAI	□ ELECTRIC	☐ PROPANE
INSULATION RSI (R) VALUE		□ EARTH	□ SOLID FUE
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	BUILDING COMPONENT	REQUIRED	PROPOSED
	INSULATION RSI (R) VALUE		
EXPOSED FLOOR WALLS ABOVE GRADE 3.87 (R22) BASEMENT WALLS ***PROPOSED VALUES MAY BE SUBSTITUTED W/ 2.11+1.76ci (R12+R10ci) BELOW GRADE SLAB ENTIRE SURFACE > 600mm BELOW GRADE	CEILING W/ ATTIC SPACE	10.56 (R60)	10.56 (R60)
WALLS ABOVE GRADE 3.87 (R22) 3.87 (R22) BASEMENT WALLS 3.52 ci * 3.52 ci * PROPOSED VALUES MAY BE SUBSTITUTED W/ 2.11+1.76ci (R12+R10ci) (R20 ci) * (R20 ci) BELOW GRADE SLAB ENTIRE SURFACE > 600mm BELOW GRADE - - EDGE OF BELOW GRADE SLAB ≤ 600mm BELOW GRADE 1.76 (R10) 1.76 (R10) HEATED SLAB OR SLAB ≤ 600mm BELOW GRADE 1.76 (R10) 1.76 (R10) WINDOWS & DOORS WINDOWS/SLIDING GLASS DOORS (MAX U-VALUE) 1.6 1.6 SKYLIGHTS (MAX. U-VALUE) 2.8 2.8 APPLIANCE EFFICIENCY 96% 96% SPACE HEATING EQUIP. (AFUE%) 96% 96% HRV EFFICIENCY (%) 75% 75%	CEILING W/O ATTIC SPACE	5.46 (R31)	5.46 (R31)
BASEMENT WALLS 3.52 ci * 3.52 ci * (R20 ci) * 3.52 ci * (R20 ci)	EXPOSED FLOOR	5.46 (R31)	5.46 (R31)
* PROPOSED VALUES MAY BE SUBSTITUTED W/ 2.11+1.76ci (R12+R10ci) (R20 ci) (WALLS ABOVE GRADE	3.87 (R22)	3.87 (R22)
* PROPOSED VALUES MAY BE SUBSTITUTED W/ 2.11+1.76ci (R12+R10ci) (R20 ci) (BASEMENT WALLS	3.52 ci	3.52 ci
	* PROPOSED VALUES MAY BE SUBSTITUTED W/ 2.11+1.76ci (R12+R10ci)	(R20 ci) *	(R20 ci)
HEATED SLAB OR SLAB ≤ 600mm BELOW GRADE 1.76 (R10) 1.76 (R10) WINDOWS & DOORS WINDOWS/SLIDING GLASS DOORS (MAX U-VALUE) 1.6 1.6 SKYLIGHTS (MAX. U-VALUE) 2.8 2.8 APPLIANCE EFFICIENCY SPACE HEATING EQUIP. (AFUE%) 96% 96% HRV EFFICIENCY (%) 75% 75%	BELOW GRADE SLAB ENTIRE SURFACE > 600mm BELOW GRADE	-	-
WINDOWS & DOORS 1.6 1.6 WINDOWS/SLIDING GLASS DOORS (MAX U-VALUE) 1.6 1.6 SKYLIGHTS (MAX. U-VALUE) 2.8 2.8 APPLIANCE EFFICIENCY 96% 96% SPACE HEATING EQUIP. (AFUE%) 96% 96% HRV EFFICIENCY (%) 75% 75%	EDGE OF BELOW GRADE SLAB ≤ 600mm BELOW GRADE	1.76 (R10)	1.76 (R10)
WINDOWS/SLIDING GLASS DOORS (MAX U-VALUE) 1.6 1.6 SKYLIGHTS (MAX. U-VALUE) 2.8 2.8 APPLIANCE EFFICIENCY 2 2 SPACE HEATING EQUIP. (AFUE%) 96% 96% HRV EFFICIENCY (%) 75% 75%	HEATED SLAB OR SLAB \leq 600mm BELOW GRADE	1.76 (R10)	1.76 (R10)
SKYLIGHTS (MAX. U-VALUE) 2.8 2.8 APPLIANCE EFFICIENCY SPACE HEATING EQUIP. (AFUE%) 96% 96% HRV EFFICIENCY (%) 75% 75%	WINDOWS & DOORS		
APPLIANCE EFFICIENCY SPACE HEATING EQUIP. (AFUE%) HRV EFFICIENCY (%) 75% 75%	WINDOWS/SLIDING GLASS DOORS (MAX U-VALUE)	1.6	1.6
SPACE HEATING EQUIP. (AFUE%) 96% 96% HRV EFFICIENCY (%) 75% 75%	SKYLIGHTS (MAX. U-VALUE)	2.8	2.8
HRV EFFICIENCY (%) 75% 75%	APPLIANCE EFFICIENCY		
* *	SPACE HEATING EQUIP. (AFUE%)	96%	96%
DHW HEATER (EF) 0.8 0.8	HRV EFFICIENCY (%)	75%	75%
	DHW HEATER (EF)	0.8	0.8

DHW HEATER (EF) AREA CALCULATIONS EL. 'A' STD. PLAN 1964.28 sq. ft. GROUND FLOOR AREA SECOND FLOOR AREA 2170.86 sq. ft. (201.68 sq. m.) 4135 sq. ft. SUBTOTAL 95.58 sq. ft. DEDUCT ALL OPEN AREAS (8.88 sq. m.) TOTAL NET AREA 4040 sq. ft. FINISHED BASEMENT AREA 168.56 sq. ft. (15.66 sq. m.) 2529.52 sq. ft. COVERAGE W/OUT PORCH (235.00 sq. m.) COVERAGE W/ PORCH 2578.69 sq. ft. (239.57 sq. m.) COVERAGE W/ OPT. LOGGIA (0.00 sq. m.) WINDOW / WALL AREA EL. 'A' CALCULATIONS STD, PLAN 4752 sq. ft. GROSS WALL AREA (441.48 sq. m.) GROSS WINDOW AREA (INCL GLASS DOORS & SKYLIGHTS) 667.74 sq. ft. (62.04 sq. m.)

- 1 TITLE PAGE
- 2 BASEMENT PLAN, ELEV. 'A'
- 3 GROUND FLOOR PLAN, ELEV. 'A'
- 4 SECOND FLOOR PLAN, ELEV. 'A'
- 5 FRONT & REAR ELEVATION 'A'
- 6 LEFT SIDE ELEVATION 'A' 7 - RIGHT SIDE ELEVATION 'A'
- 8 OPTIONAL COVERED LOGGIA
- 9 CROSS SECTION 'A-A'
- 10 CONSTRUCTION NOTES

GOLDPARK WORTH MORE

14.05 %

TOTAL WINDOW %



8.	-	-	-
7.		-	-
6.	•	-	-
5.		-	-
4.	ISSUED FOR PERMIT	-	-
3.	REVISED PER STRUCT. ENG. COMMENTS	2022.08.18	WT
2.	COORDINATED & REVISED AS PER TRUSS LAYOUT	2022.07.28	WT
1.	ISSUED FOR CLIENT REVIEW	2022.05.13	AW
	REVISIONS	DATE (YYYY/MM/DD)	BY

THE UNDERSIGNED HAS REVIEWED AND TAKES RESPONSIBILITY FOR THIS DESIGN AND HAS THE UNDERSIGNED HAS REVIEWED AND TAKES RESPONSIBILITY FOR THIS DESIGN AND HAS THE ENDUREMENTS SET OUT IN THE ONTARIO BUILDING CODE TO BE A DESIGNARD. QUALIFICATION INFORMATION Allan Whiting 23177

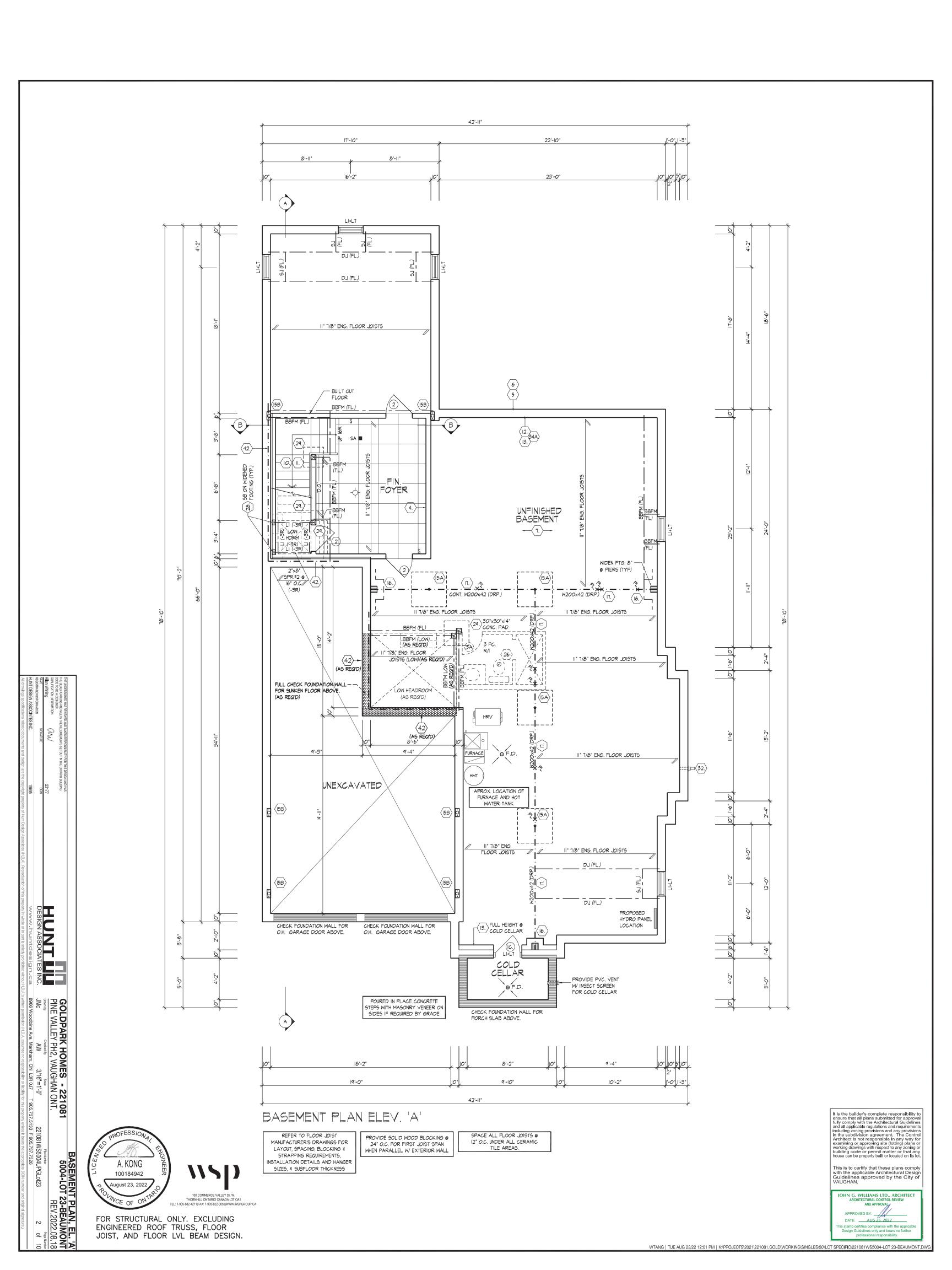
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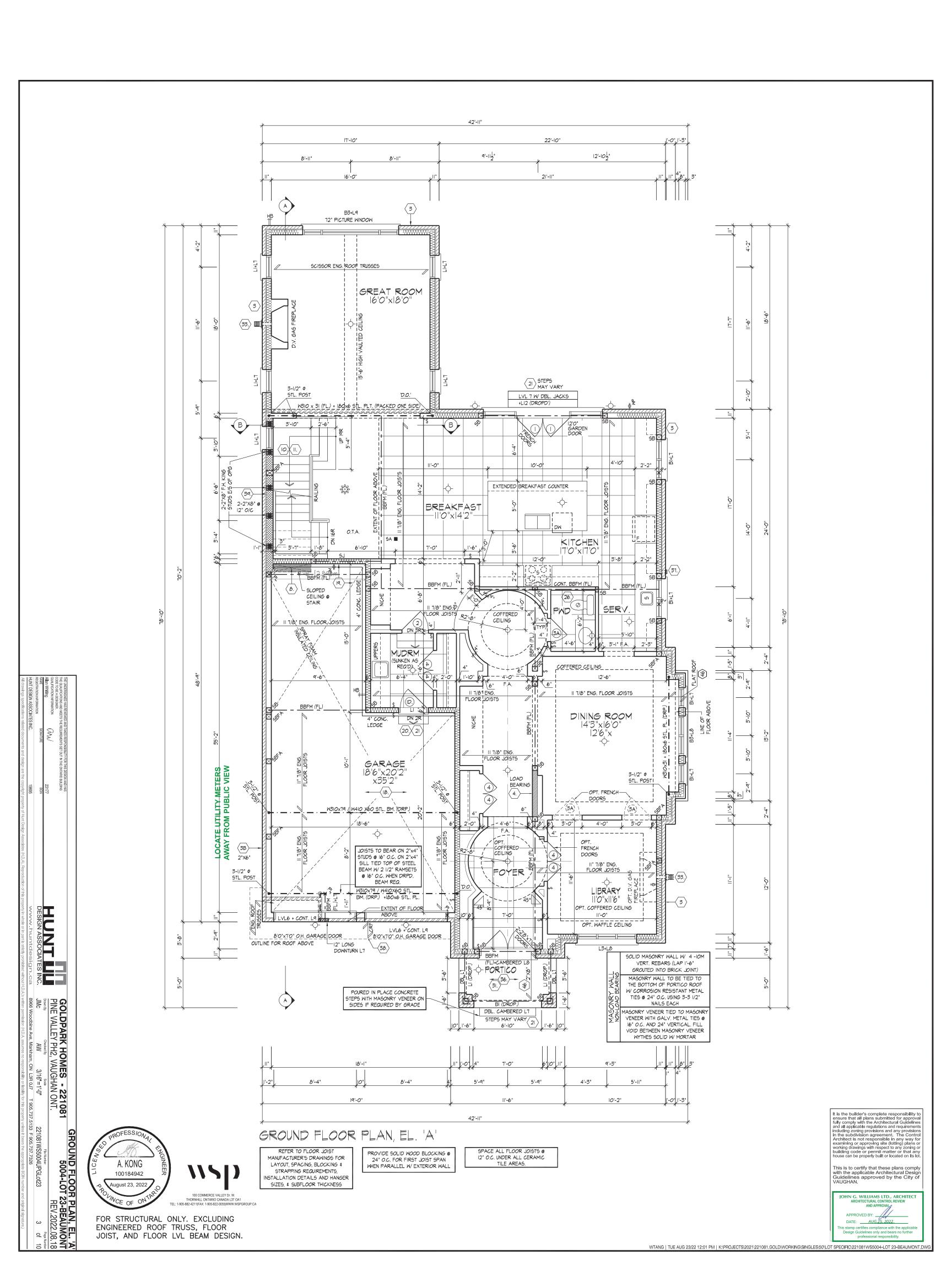
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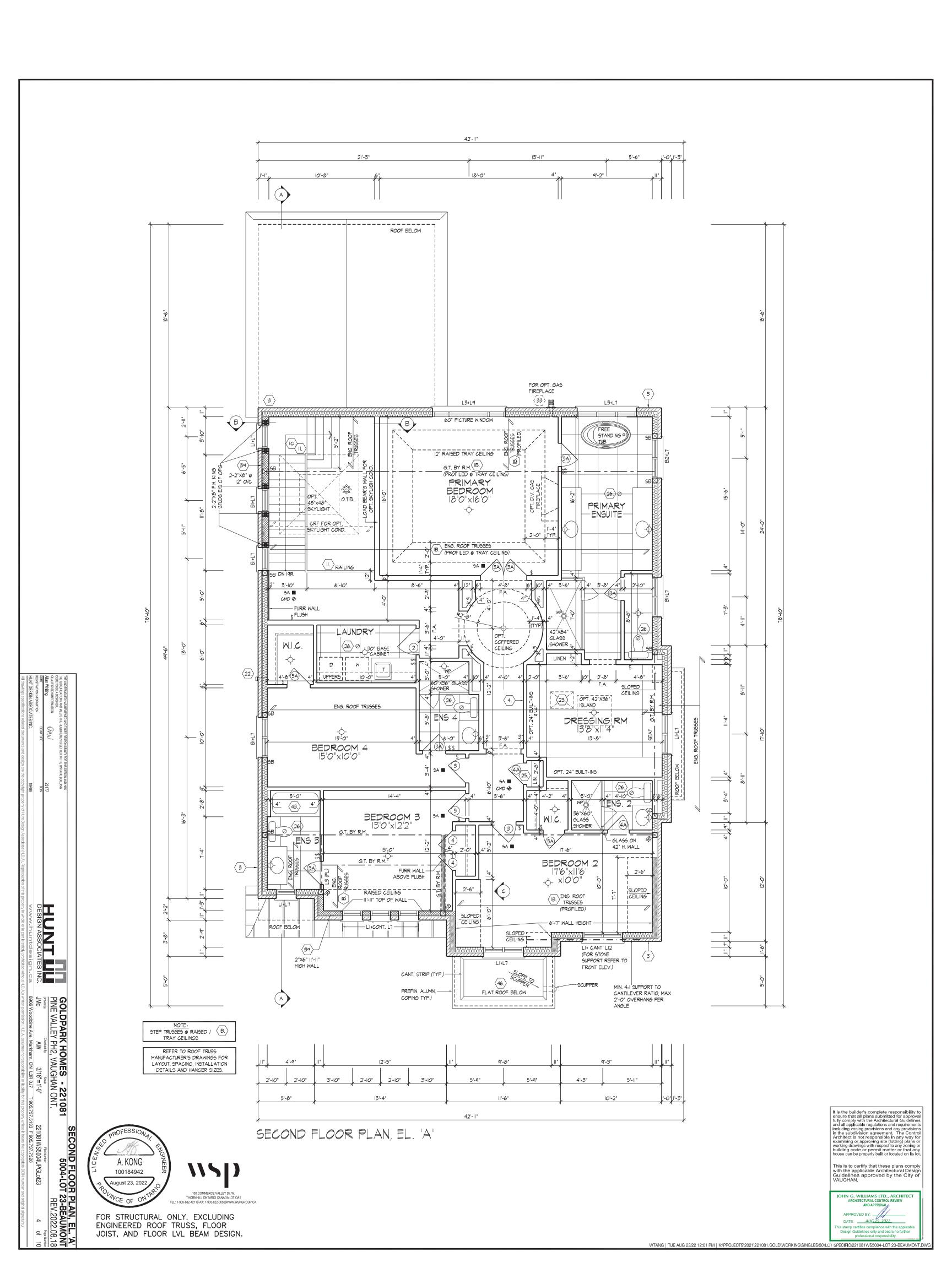
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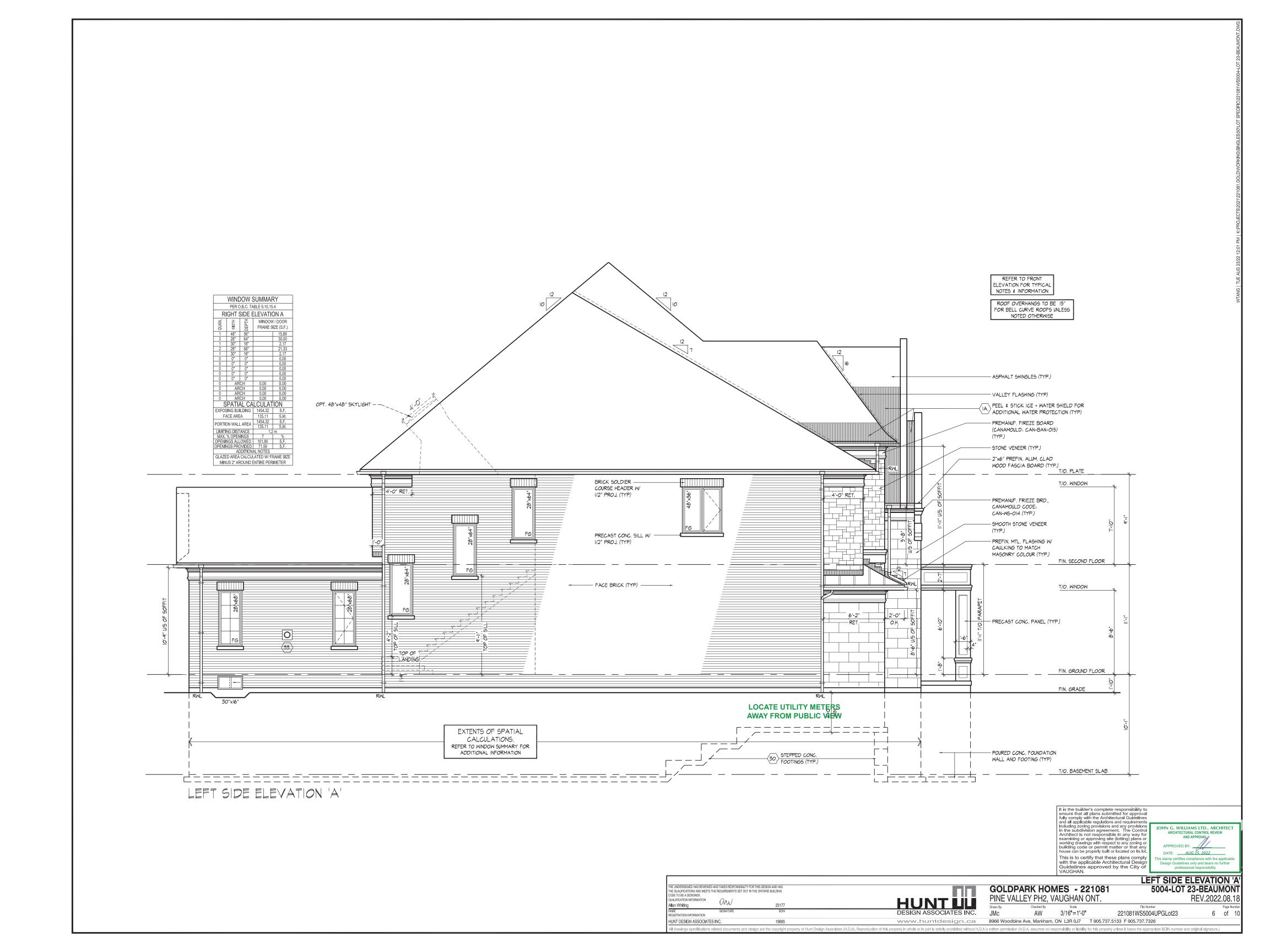
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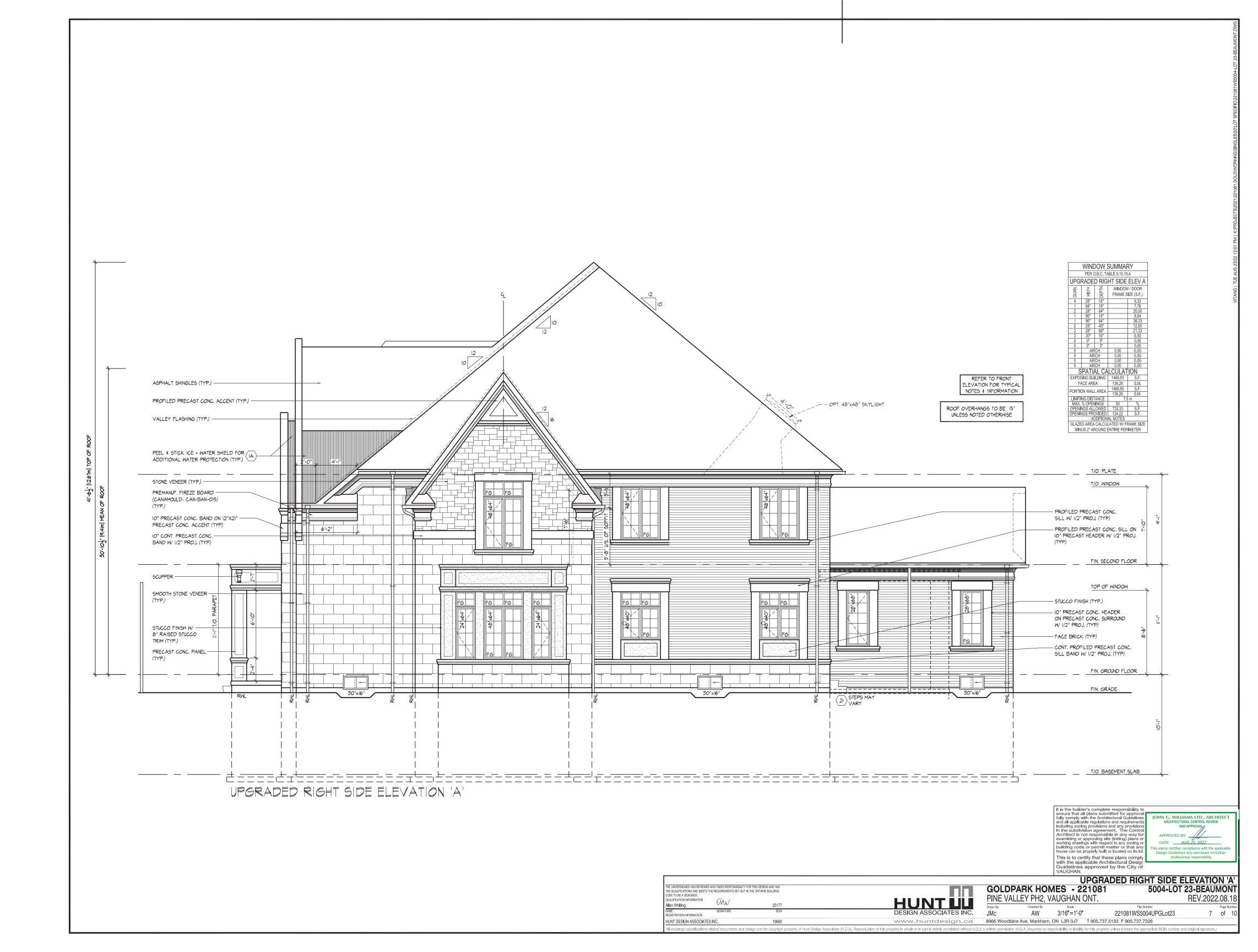


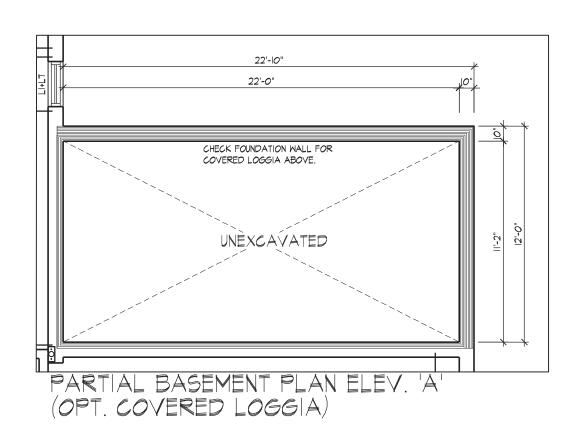


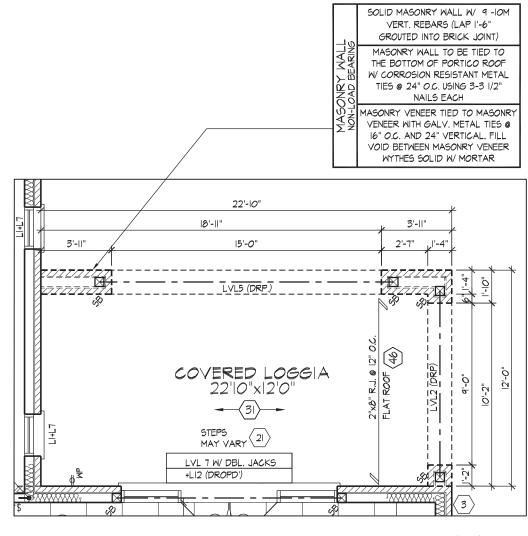




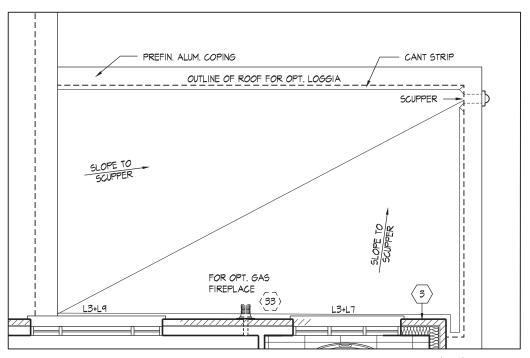




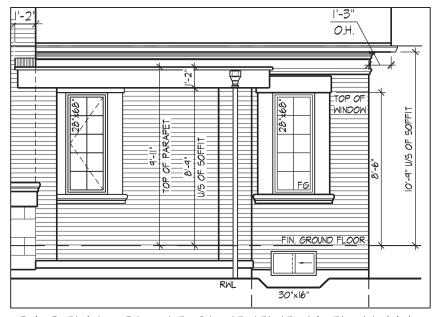




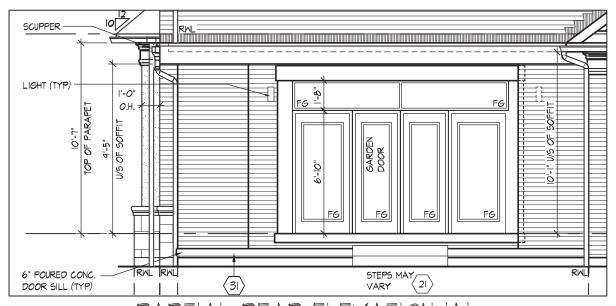
PARTIAL GROUND FLOOR PLAN ELEV. 'A' (OPT. COVERED LOGGIA)



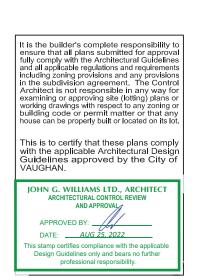
PARTIAL SECOND FLOOR PLAN ELEV. 'A' (OPT. COVERED LOGGIA)



PARTIAL RIGHT SIDE ELEVATION 'A'
(OPT. COVERED LOGGIA)

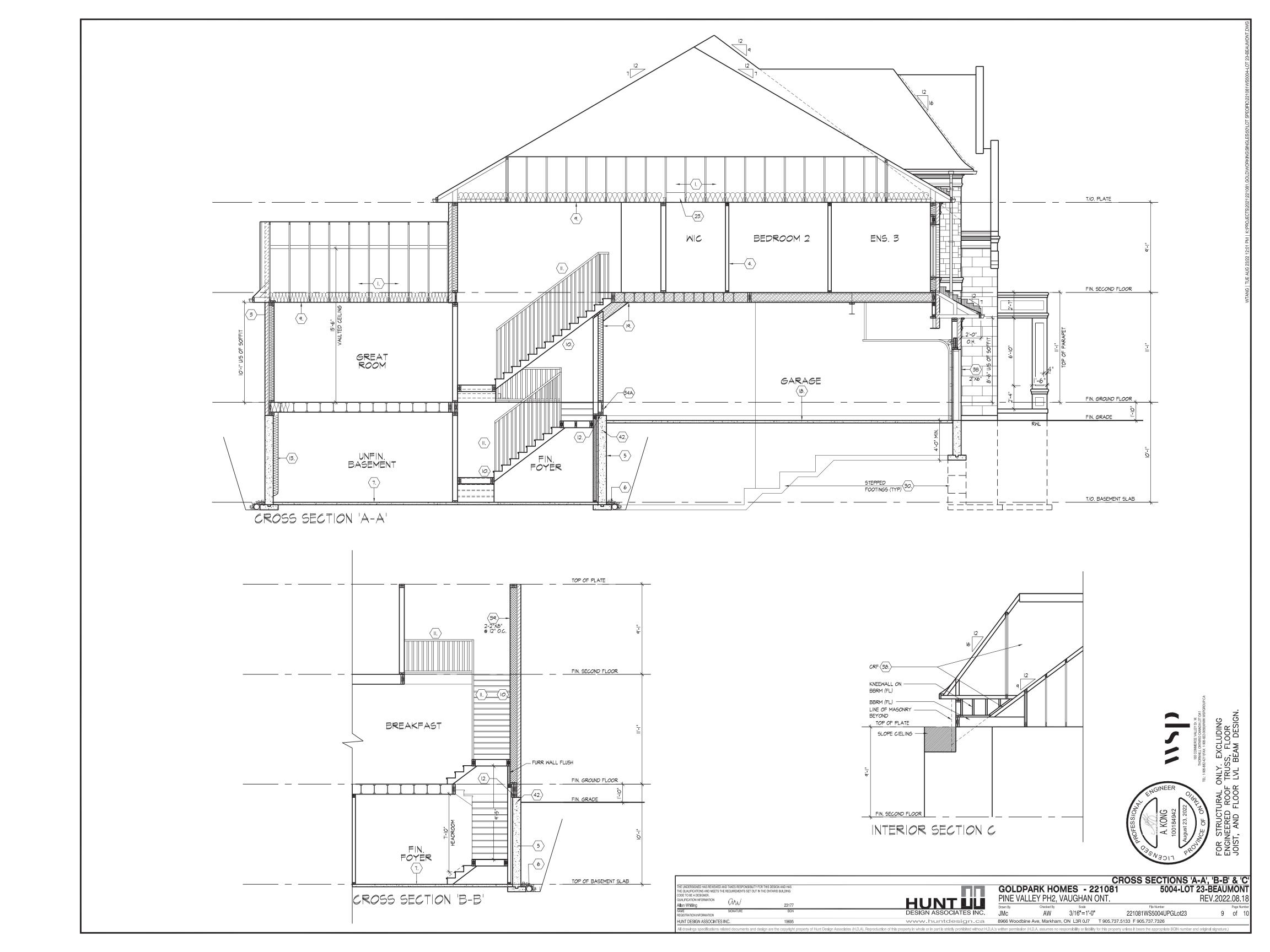


PARTIAL REAR ELEVATION 'A'
(OPT. COVERED LOGGIA)





						OPTIONAL COVE	FRED LO	GGIA
THE UNDERSIGNED HAS REVIEWED AND TAKES RESPONSIBILITY FOR THE THE QUALIFICATIONS AND MEETS THE REQUIREMENTS SET OUT IN THE			GOLD	PARK HON	MES - 221	1081 5004-LOT	23-BEAU	MONT
CODE TO BE A DESIGNER. QUALIFICATION INFORMATION Allon Whiting		HUNTÜÜ	PINE VA	ALLEY PH2, V	'AUGHAN OI	NT.	REV.2022	2.08.18
Alian Writing	23177		Drawn By	Checked By	Scale	File Number		Page Number
NAME SIGNATURE REGISTRATION INFORMATION	BUIN	DESIGN ASSOCIATES INC.	JMc	AW	3/16"=1'-0"	221081WS5004UPGLot23	8	of 10
HUNT DESIGN ASSOCIATES INC.	19695	www.huntdesign.ca	8966 Woodl	bine Ave, Markham,	ON L3R 0J7 T	905.737.5133 F 905.737.7326		
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1A) ICE AND WATER SHIELD PROVIDE ICE AND WATER SHIELD IN THE AREAS INDICATED. THE ICE AND WATER SHIELD SHALL BE A SELF ADHERING AND SELF SEALING MEMBRANE. SIDE LAPS

MUST BE A MINIMUM 3 1/2" (90) AND END LAPS A MINIMUM 6" (152). AND TO EXTEND UP DORMER WALLS A MINIMUM 12" (305). 1B PROFILED ROOF TRUSSES ROOF TRUSSES SHALL BE PROFILED AND/OR STEPPED AT RAISED COFFER/TRAY CEILINGS. ANGLED TRAY CEILINGS WILL BE SHEATHED W/ 3/8" (9.5) PLYWOOD.

SIDING WALL CONSTRUCTION (2'x6') SIDING MATERIAL AS PER ELEVATION ATTACHED TO FRAMING MEMBERS SIDING MATERIAL AS PER ELEVATION ATTACHED TO FRAMING MEMBERS OF FURRING MEMBERS OR BLOCKING BETWEEN THE FRAMING MEMBERS ON APPROVED SHEATHING PAPER ON 3/8" (9.5) EXT. GRADE SHEATHING ON STUDS CONFORMING TO O.B.C (9.23.10.1.) & SECTION 1.1., INSULATION, APPROVED 6 MIL

POLYETHYLENE AIR/VAPOUR BARRIER, ON 1/2" (12.7) GYPSUM WALLBOARD INT. FIN (GYPSUM SHEATHING, RIGID INSULATION, AND FIBERBOARD SHALL NOT BE USED FOR THE ATTACHMENT OF SIDING (9.23.16.3.(1.)) (REFER TO 35 NOTE AS REQ.) 2A SIDING WALL CONSTRUCTION (2'x6') W/ CONTIN, INSULATION SIDING MATERIAL AS PER ELEVATION ATTACHED TO FURRING MEMBERS ON APPROVED AIR/WATER BARRIER AS PER O.B.C. 9.27.3. ON EXTERIOR TYPE RIGID

INSULATION (JOINTS UNTAPED) MECHANICALLY FASTENED AS PER MANUFACTURER'S SPECIFICATIONS ON 3/8" (9.5) EXT. GRADE SHEATHING ON STUDS CONFORMING TO O.B.C (9.23.10.1.) & SECTION 1.1., INSULATION, APPROVED 6 MIL POLYETHYLENE AIR/VAPOUR BARRIER, ON 1/2" (12.7) GYPSUM WALLBOARD INT. FIN. (GYPSUM SHEATHING, RIGID INSULATION, AND FIBERBOARD SHALL NOT BE (10) USED FOR THE ATTACHMENT OF SIDING (9.23.16.3.(1.)) (REFER TO 35 NOTE AS REQ.

SIDING WALL @ GARAGE CONSTRUCTION SIDING MATERIAL AS PER ELEVATION ATTACHED TO FRAMING MEMBERS, FURRING MEMBERS OR BLOCKING BETWEEN THE FRAMING MEMBERS ON APPROVED SHEATHING PAPER ON 3/8" (9.5) EXTERIOR TYPE SHEATHING ON STUDS CONFORMING TO O.B.C (9.23.10.1.) & SECTION 1.1..1/2" (12.7) GYPSUM WALLBOARD INTERIOR FINISH. (9.9YPSUM SHEATHING, RIGID INSULATION AND FIBERBOARD SHALL NOT BE USED FOR THE ATTACHMENT OF SIDING (9.23.16.3.(1.)) (REFER TO 35 NOTE AS REQ.)

BRICK VENEER WALL CONSTRUCTION (2"x6") 1/2" (90) BRICK VENEER 1" (25) AIR SPACE, 7/8"x7"x0.03" (22x180x0.76) GALV. METAL TIES
16" (400) O.C. HORIZ. 24" (600) O.C. VERT. BONDING AND FASTENING FOR TIES TO
ONFORM WITH 9.20.9. ON APPROVED SHEATHING PAPER, 3/8" (9.5) EXTERIOR TYPE SHEATHING, STUDS CONFORMING TO O.B.C (9.23,10,1.) & SECTION 1.1., INSULATION AND 6 mil POLYETHYLENE VAPOUR BARRIER WITH APPROVED CONTIN. AIR BARRIER. 1/2 (12.7) GYPSUM WALLBOARD INTERIOR FINISH. PROVIDE WEEP HOLES @ 32* (800) O.C. BOTTOM COURSE AND OVER OPENINGS. PROVIDE BASE FLASHING UP MIN. 6" (150) BEHIND BUILDING PAPER (9.20.13.6.) (REFER TO 35 NOTE AS REQUIRED)

BRICK VENEER WALL CONSTRUCTION (2'x6") W/ CONTIN. INSULATION 3 1/2" (90) BRICK VENEER 1" (25) AIR SPACE, 7/8"x7"x0.03" (22x180x0.76) GALV. MET. TIES @ 16" (400) O.C. HORIZ. 24" (600) O.C. VERT. BONDING AND FASTENING FOR TIES TO CONFORM WITH 9.20.9. ON APPROVED AIRWATER BARRIER AS PER O.B. 9.27.3. ON EXTERIOR TYPE RIGID INSULATION (JOINTS UNTAPED) MECHANICALLY FASTENED AS PER MANUFACTURER'S SPECIFICATIONS, ON 3/8" (9.5) EXTERIOR TYPE SHEATHING, STUDS CONFORMING TO O.B.C (9.23.10.1.) & SECTION 1.1., INSULATION AND 6 mil POLYETHYLENE VAPOUR BARRIER WITH APPROVED CONTIN. AIR BARRIER. /2" (12.7) GYPSUM WALLBOARD INTERIOR FINISH. PROVIDE WEEP HOLES @ 32" (800) D.C. BOTTOM COURSE AND OVER OPENINGS. PROVIDE BASE FLASHING UP MIN. 6" 150) OVER RIGID INSULATION (9.20.13.6.) (REFER TO 35 NOTE AS REQUIRED)

BRICK VENEER WALL @ GARAGE CONSTRUCTION 3 1/2" (90) BRICK VENEER, MIN. 1" (25) AIR SPACE, 7/8"x7"x0.03" (22x180x0.76) GALV. METAL TIES @ 16" (400) O.C. HORIZ. 24" (600) O.C. VERT. BONDING AND FASTENING

FOR TIES TO CONFORM WITH 9.20.9. ON APPROVED SHEATHING PAPER, 3/8" (9.5) EXTERIOR TYPE SHEATHING ON STUDS CONFORMING TO O.B.C (9.23.10.1.) & SECTION 1.1., 1/2" (12.7) GYPSUM WALLBOARD INTERIOR FINISH, PROVIDE WEEP HOLES @ 32" (800) O.C. AT BOTTOM COURSE AND OVER OPENINGS, PROVIDE BASE FLASHING UP 6" (150) MIN. BEHIND BUILDING PAPER (9.20.13.6.) (REFER TO 4 INTERIOR STUD PARTITIONS (9.23.9.8., 9.23.10)

BEARING PARTITIONS SHALL BE A MINIMUM 2"x4" (38x89) @ 16" (406) O.C. FOR 2 STOREY AND 12" (305) O.C. FOR 3 STOREY, NON-BEARING PARTITIONS 2"x4" (38x89) @ 24" (610) O.C. PROVIDE 2"x4" (38x89) BOTTOM PLATE AND 2-2"x4" (2-38x89) TOP PLATE. 1/2 (12.7) INT. DRYWALL BOTH SIDES OF STUDS, PROVIDE 2'x6" (38x'40) STUDS WHERE NOTED. PROVIDE 2"x4" (38x89) @ 24" (610) O.C. LADDER FRAMIN WHERE WALLS INTERSECT PERPENDICULAR TO ONE ANOTHER. PROVIDE 2'x4" (38x89) WOOD BLOCKING ON FLAT @ 3'-11" (1194) O.C. MAX. BETWEEN FLOOR JOISTS WHEN NON-LOADBEARING WALLS ARE PARALLEL TO FLOOR JOISTS.

4A EXT. LOFT WALL CONSTRUCTION (2"x6") - NO CLADDING

4B EXT. LOFT WALL CONSTRUCTION (2"x6")
NO CLADDING W/ CONTINUOUS INSULATION ROVED AIR/WATER BARRIER AS PER O.B.C. 9.27.3. ON EXTERIOR TYPE RIGID

INSULATION (JOINTS UNTAPED) MECHANICALLY FASTENED AS PER MANUFACTURER'S SPECIFICATIONS, ON 3/8" (9.5) EXTERIOR TYPE SHEATHING, STUDS CONFORMING TO O.B.C (9.23.10.1.) & SECTION 1.1., INSULATION AND 6 (12.7) GYPSUM WALLBOARD INT. FINISH. (9.23.)

FOUNDATION WALL/FOOTINGS

POURED CONC. FOUNDATION WALL AS PER CHART BELOW ON CONTINUOUS KEYED CONCRETE FOOTING, FOUNDATION WALLS SHALL EXTEND NOT LESS THAN 6" (150) ABOVE FINISHED GRADE. THE OUTSIDE OF THE FOUNDATION SHALL BE DAMPROOFED FROM THE TOP OF THE FOOTING TO FINISHED GRADE AND BRUSH COAT FROM THE TOP TO 2" BELOW GRADE, PROVIDE A DRAINAGE AYER ON THE OUTSIDE OF THE FOUNDATION WALL SEAL THE DRAINAGE LAYER AT THE TOP. THE TOP OF THE CONC. FOOTING SHALL BE DAMPROOFED. CONCRETE FOOTINGS SUPPORTING JOIST SPANS GREATER THAN 16-1" (4900) SHALL BE SIZED IN ACCORDANCE WITH 9.15.3.4 (1),(2) OF THE O.B.C. (REFER TO CHART BELOW FOR RESPECTIVE SIZE). BRACE FOUNDATION WALL PRIOR TO BACKFILLING. ALL FOOTINGS SHALL REST ON NATURAL UNDISTURBED SOIL OF 125kPa S.L.S. OR COMPACTED ENGINEERED FILL WITH MIN. BEARING CAPACITY OF 125KPA S.L.S. IF SOIL BEARING DOES NOT MEET MINIMUM CAPACITY, ENGINEERED FOOTINGS ARE REQUIRED. ACTUAL SOIL BEARING CAPACITY TO BE VERIFIED WITH SOIL ENGINEERING REPORT. REFER TO CONSTRUCTION DRAWINGS AND DETAILS FOR FOUNDATION

WALL STRENGTH AND THICKNESS AND 9.15.4. FOUNDATION WALLS SHALL NOT EXCEED 9'-10" (3.0m) IN UNSUPPORTED HEIGHT LINI ESS OTHERWISE NOTED, 19 15 4 2 (1.1)

TILIC	ILIGITI ONLEGO OTTENWIGE NOTED. [8.10.4.2.(1.)]							
	UNREINFORCED SOLID CONCRETE FOUNDATION WALLS (9.15.4.2.)							
픒	SS	MAX	. HEIGHT FROM	FIN. SLAB TO GR	ADE			
STRENGTH	THICKNESS	UNSUPPORTED	SI	JPPORTED AT TO)P			
ST	崖	AT TOP	≤2.5m	>2.5m & ≤2.75m	>2.75m & ≤3.0m			
a	* 8" 3'-11" (1.20m) 10" 4'-7" (1.40m) 12" 4'-11" (1.50m)		7'-0" (2.15m)	7'-0" (2.15m)	6'-10" (2.10m)			
			7'-6" (2.30m)	8'-6" (2.60m)	8'-2" (2.50m)			
			7'-6" (2.30m)	8'-6" (2.60m)	9'-3" (2.85m)			
a	* 8"	3'-11" (1.20m)	7'-6" (2.30m)	7'-6" (2.30m)	7'-2" (2.20m)			
MPa	10"	4'-7" (1.40m)	7'-6" (2.30m)	8'-6" (2.60m)	9'-3" (2.85m)			
≈ 12" 4'-11" (1.50m) 7'-6" (2			7'-6" (2.30m)	8'-6" (2.60m)	9'-3" (2.85m)			
	ORAMNI TUROV FOLINDATIONI WALL TO DECUMPED FOR MACONDY VENIEFD							

★ 9" MIN. THICK FOUNDATION WALL IS REQUIRED FOR MASONRY VENEER FINISHED EXTERIOR WALLS WITH CONTINUOUS INSULATION CONDITION, TO PROVIDE MIN. BEARING FOR SILL PLATES, BEAMS AND FLOOR JOIST AS PER

3.23.7.2., 9.23.8.1., & 9.23.9.1. OF THE O.B.C.						
MINIMUM STRIP FOOTING SIZES (9.15.3.) UNLESS NOTED OTHERWISE ON PLANS						
NUMBER FLOORS SUPPORTED	SUPPORTING INT. LOAD BEARING MASONRY WALLS	SUPPORTING EXTERIOR	SUPPORTING PARTYWALL			
1	16" WIDE x 6" THICK	16" WIDE x 6' THICK	16" WIDE x 6" THICK			
2	24" WIDE x 8" THICK	20" WIDE x 6' THICK	24" WIDE x 8" THICK			
3	36" WIDE x 14" THICK	26" WIDE x 9" THICK	36" WIDE x 14" THICK			

REFER TO SB-12 ENERGY EFFICIENCY DESIGN MATRIX ON THE TITLE PAGE FOR ALL VALUES AS REQUIRED PER 3.1.1., 3.1.2., 3.1.3. OF THE OBC.

FOUNDATION REDUCTION IN THICKNESS FOR MASONRY OP OF THE FOUNDATION WALL IS REDUCED IN THICKNESS PERMIT THE INSTALLATION OF MASONRY EXTERIOR FACING. THE REDUC SECTION SHALL BE NOT LESS THAN 3 1/2" (90) THICK. THE BRICK VENEER SHAL BE TIED TO THE FOUNDATION WALL WITH CORROSION RESISTANT METAL TIES @ 7 7/8" (200) VERTICAL AND 2'-11" (889) HORIZONTAL. FILL VOID WITH MORTAR BETWEEN WALL AND BRICK VENEER (9.15.4.7(2)(3) & 9.20.9.4(3))

5B FOUNDATION REDUCTION IN THICKNESS FOR JOISTS WHERE THE TOP OF THE FOUNDATION WALL IS REDUCED IN THICKNESS TO PERMIT THE INSTALLATION OF FLOOR JOISTS, THE REDUCED SECTION SHALL BI NOT MORE THAN 13 3/4" (350) HIGH & NOT LESS THAN 3 1/2" (90) THICK (9.15.4.7(1)) WEEPING TILE (9.14.3.)

4" (100) Ø WEEPING TILE W/ FILTER CLOTH WRAP & 6" (152) CRUSHED STONE COVER BASEMENT SLAB OR SLAB ON GRADE (9.16.4.) (9.13.) 3" (80) MIN. 25MPa (3600psi) CONC. SLAB ON 4" (100) COARSE GRANULAR FILL OR 20MPa (2900psi) CONC. WITH DAMPPROOFING BFI OW SLAB. PROVIDE 1/2 OH 20MP8 (29009S) CONC. WITH DAMPPROOFING BELOW SLAB, PROVIDE 1/2* (12.7) IMPERVIOUS BOARD FOR BOND BREAK AT EDGE. WHERE A BASEMENT SLAB IS WITHIN 24" (610) OF THE EXTERIOR GRADE PROVIDE RIGID INSUL. AROUND THE PERIMETER EXTENDING MIN. 24" (610) BELOW GRADE. FOR SLAB ON GRADE CONDITIONS RIGID INSULATION SHALL BE APPLIED TO THE

UNDERSIDE OF THE ENTIRE SLAB. ([SB-12] 3.1.1.7.(5) & (6)) EXPOSED FLOOR TO EXTERIOR (9.10.17.10 . & CAN/ULC-S705.2) PROVIDE SPRAY FOAM INSULATION BETWEEN CANT. JOIST AND INSTALL OSB CONFIRMING TO 9,29,9. FIN. SOFFIT OR CLADDING AS PER ELEVATION TO U/S OF

EXPOSED CEILING TO EXTERIOR w/ ATTIC (9.25.2.4) / INSULATION, 6 mil POLYETHYLENE VAPOUR BARRIER, 1/2" (12.7) GYPSUM BOARD INTERIOR FINISH OR APPROVED EQ.

EXPOSED CEILING TO EXTERIOR w/o ATTIC JOISTS/TRUSSES AS PER PLANS W/ 2"x2" (38x38) PURLINS @ 16" (406) O.C. PERPENDICULAR TO JOISTS (PURLINS NOT REQ. W/ SPRAY FOAM OR ROOF TRUSSES),

W/ INSULATION BETWEEN JOIST. 6 mil POLYETHYLENE VAPOUR BARRIER. 1/2" (12.7 GYPSUM BOARD INT. FINISH OR APPROVED EQ. (CAN/ULC-S705.2, 9.19.1, 9.10.17.10) **ALL STAIRS/EXTERIOR STAIRS** (9.8.1.2., 9.8.2., 9.8.4.)

MAX NOSING 1 (25 MIN. STAIR WIDTH TAPERED TREADS

(ATE 2-10 (860) MIN. RUN 5 7/8 (150) MIN. AVG. RUN 10 (255) PUBLIC 2'-11" (900) MIN. RUN 5 7/8' (150) MIN. AVG. RUN 11" (280)

AGE RUN OF TAPERED TREAD MEASURED AT A POINT 300mm FROM THE CENTERLINE OF INSIDE HANDRAIL. (9.8.4.3.) ** HEIGHT OVER STAIRS (HEADROOM) IS MEASURED VERTICALLY ACROSS WIDTH STAIRS FROM A STRAIGHT LINE TO THE TREAD & LANDING NOSING TO LOWEST POINT ABOVE AND NOT LESS THAN 6-5' (1950) FOR SINGLE DWELLING UNIT & 6-8 3/4" (2050)

REQUIRED LANDING IN GARAGE - O.B.C. 9.8.6.2.(3.)
FOR AN EXTERIOR STAIR SERVING A GARAGE W/ MORE THAN 3 RISERS.
GUARDS, HANDRAILS & STEPS AS PER CONSTRUCTION HEX NOTE 10 & 11.

GUARDS/RAILINGS (9.8.7., 9.8.8.) GUARDS TO BE DESIGNED NOT TO FACILITATE CLIMBING AND PROVIDING MAX. OPENING CONFORMING TO O.B.C. 9.8.8.5. & 9.8.8.6. AND BE ABLE TO

RESIST LOADS AS PER TABLE 9.8.8.2. GUARD HEIGHTS - O.B.C. 9.8.8. INTERIOR GUARDS: 2-11" (900) MIN. EXTERIOR GUARDS: 2-11" (900) MIN. (LESS THAN 5-11" (1800) TO GRADE) 3-6" (1070) MIN. (MORE THAN 5-11" (1800) TO GRADE)

GUARDS FOR EXIT STAIRS: 3-6" (1070) MIN. GUARDS FOR LANDINGS @ EXIT STAIRS: 3'-6" (1070) MIN. GUARDS FOR FLOORS & RAMPS IN GARAGES (SERVICE STAIRS) FLOOR OR RAMP W/O EXTERIOR WALLS THAT IS 23 5/8" (600) OR MORE ABOVE ADJACENT SURFACE REQUIRES CONT. CURB MIN. 6" (150) HIGH, AND GUARD

EN WALKING SURFACE & ADJACENT SURFACE WITH A DIFFERENCE IN ELEVATION MORE THAN 23 5/8" (600) OR ADJACENT SURFACE WITHIN 3'-11" (1200) & WALKING SURFACE W/ A SLOPE MORE THAN 1 IN 12 SHALL BE PROTECTED WITH GUARDS PER CONSTRUCTION HEX NOTE 11. HANDRAIL HEIGHTS - O.B.C. 9.8.7. - REQUIRED AS PER 9.8.7.1.(3) MIN. HEIGHT AT STAIRS, RAMP AND LANDINGS: 2'-10" (865)

SILL PLATES

MIN. 3'-6" (1070) HIGH.

2"x4" (38x89) SILL PLATE WITH 1/2" (12.7)Ø ANCHOR BOLTS 8" (200) LONG, EMBEDDED MIN. 4" (100) INTO CONC. @ 4'-0" (1220) O.C., CAULKING OR GASKET BETWEEN PLATE AND TOP OF FOUNDATION WALL. USE NON-SHRINK GROUT TO LEVEL SILL PLATE WHEN REQUIRED (9.23.7.)

MAX. HEIGHT AT STAIRŚ, RAMP AND LANDING: 3'-6" (1070)

BASEMENT INSULATION ([SB-12] 3.1.1.7.) PROVIDE CONTINUOUS BLANKET INSULATION W/ BUILT IN 6 mil POLYETHYLENE VAPOUR BARRIER. INSULATION TO EXTEND NO MORE THAN 8" (200) ABOVE FINISHED BASEMENT FLOOR. DAMPROOFED WITH BUILDING PAPER BETWEEN

APPROVED CONT. AIR BARRIER. 1/2" (12.7) GYPSUM WALLBOARD INT. FINISH. (9.23.)

EXT. LOFT WALL CONSTRUCTION (2"YA")

BEARING STUD PARTITION IN BASEMENT (9.15.3.6., 9.23.10.1.)

2"YA" (38×89) STUDS @ 16" (406) O.C. 2"YA" (38×90) STUDS @ 16" (406) O.C. 2"YA" (48×90) STUDS 2"x4" (38x89) STUDS @ 16" (406) O.C., 2"x4" (38x89) SILL PLATE (2"x6" (38x140) AS REQUIRED) ON DAMPPROOFING MATERIAL OR 2 mil POLYETHYLENE FILM, 1/2" QUINED) ON DAMPFROOTHING WATERIAL ORD THIS POTEITHER. IT IS IN 1, 1/2 7.7) Ø ANCHOR BOLTS 8" (200) LONG, EMBEDDED 4" (100) MIN, INTO CONC. @ 10" (2390) O.C. 4" (100) HIGH CONC. CURB ON CONC. FOOTING. FOR SIZE REFEF TO HÈX NOTE 5. ADD HORIZ. BLOCKING AT MID-HEIGHT IF WALL IS UNFINISHED.

ADJUSTABLE STEEL BASEMENT COLUMN (9.15.3.4. 9-10" (3000) MAX. SPAN BETWEEN COLUMNS, 3 1/2" (90)Ø SINGLE TUBE ADJUSTABLE STEEL COLUMN CONFORMING TO CAN/CGSB-7,2M, AND WITH ADJUSTABLE STEEL COLUMIN CONTOCHMING TO CANOCESE? Z.W., AND WITH 6"%6"x3/8" (152x152x9.5) STEEL PLATE TOP & BOTTOM. FIELD WELD BASEMENT COLUMN CONNECTION, POURED CONCRETE FOOTING ON NATURAL UNDISTURBED SOIL OF 125kPa S.L.S. OR COMPACTED ENGINEERED FILL WITH MIN. BEARING CAPACITY OF 125kPA S.L.S. AS PER SOILS REPORT.

SUPPORTING 2 STOREY FLR. LOAD PROVIDE 34"x34"x16" (870x870x410) CONC. FOOTING

SUPPORTING 3 STOREY FLR. LOAD PROVIDE 40"x40"x19" (1060x1060x480) CONC. FOOTING

15A) NON-ADJUSTABLE STEEL BASEMENT COLUMN STEEL PLATE TOP & BOTTOM. BOTTOM PLATE C/W 2 1/2"Ø X 12" LONGX2" HOOK ANCHORS, FIELD WELD BASEMENT COLUMN CONNECTION, POURED CONCRETE FOOTING ON NATURAL UNDISTURBED SOIL OF 125KPA S.L.S. OR COMPACTED ENGINEERED FILL WITH MIN. BEARING CAPACITY OF 125KPA S.L.S. AS PER SOILS REPORT. SUPPORTING 2 STOREY FLR. LOAD PROVIDE 42"x42"x18" (1070x1070x460) CONC. FOOTING SUPPORTING 3 STOREY FLR. LOAD PROVIDE 48"x48"x24" (1220x1220x610) CONC. FOOTING

NON-ADJUSTABLE STL. COLUMN AT FOUNDATION WALL

3 1/2" (90) Ø x 0.188" (4 78) NONI AD HIGTOR FOUNDATION 3 1/2" (90)Ø x 0.188" (4.78) NON-ADJUSTABLE STEEL COLUMN WITH 6"x6"x3/8" (152x152x9.5) STEEL TOP PLATE & 6"x4"x3/8" (152x10x9.5) BOTTOM PLATE. BASE PLATE 4-1/2"x10"x1/2" (120x250x12.7) WITH 2- 1/2"Ø x 12" LONG x 2" HOOK ANCHORS (2- 12.7Øx305x50). FIELD WELD COLUMN TO BASE PLATE & STEEL BM.

STEEL BEAM BEARING AT FOUNDATION WALL (9.23.8.1.)
BEAM POCKET OR REVEL (2009200) POLICED COLUMN BEAM POCKET OR 8"x8" (200x200) POURED CONC. NIB WALLS, MIN. BEARING 3 1/2" (90). CONC. NIB WALLS TO HAVE EXTENDED FOOTINGS

WOOD STRAPPING AT STEEL BEAMS (9.23.4.3.(3.), 9.23.9.3.) 1"x3" (19x64) CONTIN. WOOD STRAPPING BOTH SIDES OF STEEL BEAM. GARAGE SLAB (9.16., 9.35.)

4" (100) 32MPa (4640psi) CONC. SLAB WITH 5-8% AIR ENTRAINMENT ON OPT. 4" (100) COARSE GRANULAR FILL WITH COMPACTED SUB-BASE OR COMPACTED NATIVE FILL. SLOPE TO FRONT @ 1% MIN.

(9.10.9.16.) 12.7) GYPSUM BOARD ON WALL AND CEILING BETWEEN HOUSE AND GARAGE PLUS REQUIRED INSULATION IN WALLS AND SPRAY FOAM FOR CEILINGS. TAPE AND SEAL ALL JOINTS GAS TIGHT. (9.10.17.10, CAN/ULC-S705.2

GARAGE TO HOUSE WALLS/CEILING W/ CONTIN. INSULATION 1/2" (12.7) GYPSUM BOARD ON CEILING AND ON WALLS INSTALLED OVER EXTERIOR TYPE RIGID INSULATION (JOINTS UNTAPED) MECHANICALLY FASTENED AS PER MANUFACTURER'S SPECIFICATIONS ON 38" EXTERIOR GRADE SHEATHING ON STUDS BETWEEN HOUSE AND GARAGE, PLUS REQUIRED INSULATION IN WALLS & SPRAY FOAM FOR CEILINGS. TAPE AND SEAL ALL JOINTS GAS TIGHT. (9.10.9.16. , 9.10.17.10, CAN/ULC-S705.2)

GARAGE DOOR TO HOUSE (9.10.9.16., 9.10.13.10., 9.10.13.15. ROOF DOOR AND FRAME. DOOR EQUIPPED WITH SELF CLOSING DEVICE AND WEATHER STRIPPING.

EXTERIOR AND GARAGE STEPS PRECAST CONC. STEP OR WOOD STEP WHERE NOT EXPOSED TO WEATHER. MAX RISE 7 7/8" (200), MIN. TREAD 9 1/4" (235). FOR THE REQUIRED NUMBER OF STEPS REFER TO SITING AND GRADING DRAWINGS. EXTERIOR CONCRETE

TAIRS WITH MORE THAN 2 RISERS AND 2 TREADS SHALL BE PROVIDED WIT

FOUNDATION AS REQUIRED BY ARTICLE 9.8.9.2. OR SHALL BE CANTILEVERED AS PER SUBSECTION 9.8.10. CAPPED DRYER EXHAUST VENTED TO EXT. CONFORMING TO PART 6, OBC 9.32.

ATTIC ACCESS (9.19.2.1.) ATTIC ACCESS HATCH WITH MIN. AREA OF 0.32m2 AND NO DIM. LESS THAN 21 1/2" (545) WITH WEATHER STRIPPING. HATCHWAYS TO THE ATTIC OR ROOF SPACE WILL BE FITTED WITH DOORS OR COVERS AND WILL BE INSULATED WITH MIN. R20 (RSI 3.52) ([SB-12] 3.1.1.8.(1))

FIREPLACE CHIMNEYS (9.21.) TOP OF FIREPLACE CHIMNEY SHALL BE 2'-11" (889) ABOVE THE HIGHEST POINT AT WHICH IT COMES IN CONTACT WITH THE ROOF AND 2'-0" (610) ABO' ROOF SURFACE WITHIN A HORIZ. DISTANCE OF 10'-0" (3048) FROM THE CHIMNEY

LINEN CLOSET PROVIDE 4 SHELVES MIN. 14" (356) DEEP.

MECHANICAL VENTILATION (9.32.1.3.)
MECHANICAL EXHAUST FAN, VENTED TO EXTERIOR, TO PROVIDE AT LEAST ONE AIR CHANGE PER HOUR. SEE GENERAL NOTE 2.3.

PARTY WALL BEARING (9.23.8)

12"x12"x5/8" (305x305x15.9) STEEL PLATE FOR STEEL BEAMS AND 12"x12"x1/2" 305x305x12.7) STEEL PLATE FOR WOOD BEAMS BEARING (MIN. 3-1/2" (89)) ON CONC. BLOCK PARTY WALL, ANCHORED WITH 2-3/4" (2-19) x 8" (200) LONG GALV. ANCHORS WITHIN SOLID BLOCK COURSE, LEVEL W/ NON-SHRINK GROUT REFER TO NOTE SOLID BEARING (SECTION 3.0) FOR WD. STUD PARTY WALL.

WOOD FRAMING IN CONTACT TO CONCRETE WOOD BEARING WALLS, THE UNDERSIDE OF BUILT-UP WOOD POSTS AND SILLS SHALL BE WRAPPED WITH 2 mill POLY. STRIP FOOTINGS SUPPORTING THE FOUNDATION WALL SHALL BE WIDENED 6" (152) BELOW THE BEARING WALL AND/OR WOOD POST. (9.17.4.3.)

29) BUILT-UP WOOD POST AND FOOTING (9.17.4.1., 9.15.3.7.) 3-2"x6" (3-38x140) BUILT-UP WOOD POST (UNLESS OTHERWISE NOTED) ON METAL BASE SHOE ANCHORED TO CONC. WITH 1/2" (12.7) Ø BOLT, 24"x24"x12" (610x610x305) CONC. FOOTING OR AS PROVIDED ON PLAN. REFER TO NOTE 28

STEP FOOTINGS (9.15.3.9.) MIN. HORIZ. STEP = 23 5/8" (600). MAX. VERT. STEP = 23 5/8" (600).

CONC. PORCH SLAB (9.16.4.) MIN. 4" (100) CONCRETE SLAB ON GRADE ON 4" (100) COARSE GRANULAR FILL, REINFORCED WITH 6x6xW2.9xW2.9 MESH PLACED NEAR MID-DEPTH OF SLAB. CONC. STRENGTH 32MPA (4640ps) WITH 5-8% AIR ENTRAINMENT ON COMPACTED SUB-GRADE.

FURNACE VENTING (9.32.) DIRECT VENT FURNACE TERMINAL MIN. 3'-0" (915) FROM A GAS REGULATOR. MIN. 12" (305) ABOVE FIN. GRADE, FROM ALL OPENINGS, EXHAUST AND INTAKE VENTS. HRV INTAKE TO BE A MIN. OF 6'-0" (1830) FROM ALL EXHAUST TERMINALS. REFER TO GAS UTILIZATION CODE.

FIREPLACE VENTING (9.32.3.) DIRECT VENT GAS FIREPLACE VENT TO BE A MIN. 12" (305) FROM ANY OPENING AND ABOVE FIN. GRADE. REFER TO GAS UTILIZATION CODE.

FLOOR FRAMING (9.23.3.5., 9.23.9.4., 9.23.14.) T&G SUBFLOOR ON WOOD FLOOR JOISTS. FOR CERAMIC TILE APPLICATION SEE O.B.C. 9.30.6. ALL JOISTS WHERE REQUIRED TO BE BRIDGED WITH 2"x2" (38x38) CROSS BRACING OR SOLID BLOCKING @ 6'-11" (2108) O.C. MAX. ALI JOISTS TO BE STRAPPED WITH 1"x3" (19x64) @ 6-11" (2108) O.C. UNLESS A PANEL TYPE CEILING FINISH IS APPLIED.

HEADER CONSTRUCTION

PROVIDE CONTINUOUS APPROVED AIR/VAPOUR BARRIER (HEADER WRAP)
UNDER THE SILL PLATE, AROUND THE RIM BOARD AND UNDER THE
BOTTOM PLATE. THE HEADER WRAP SHALL EXTEND 6" (152) BELOW THE
TOP OF FOUNDATION WALL AND WILL BE SEALED TO THE CONCRETE
FOUNDATION WALL EXTEND HEADER WRAP 6" (152) UP THE INTERIOR SIDE
OF THE STUD WALL AND OVERLAP WITH THE VAPOUR BARRIER AND SEAL
THE JOINT. ALL EDGES/JOINTS MUST BE MECHANICALLY CLAMPED.

EXPOSED BUILDING FACE w/ LIMITING DISTANCE <= 3'-11" (1.20m) WALL ASSEMBLY CONTAINS INSULATION CONFORMING TO CANULC-S702 & HAVIN A MASS OF NOT LESS THAN 1.22 KG/M2 OF WALL SURFACE AND 1/2" (12.7) TYPE X GYPSUM WALLBOARD INTERIOR FINISH. EXTERIOR CLADDING MUST BE NON-COMBUSTIBLE WHEN LIMITING DISTANCE IS 23 5/8" (0.60m) OR LESS. WALL ASSEMBLY REQUIRES TO HAVE A FIRE RESISTANCE RATING OF NOT LESS THAN 45 MINUTES & CONFORMING TO O.B.C. (9.10.14. OR 9.10.15.). REFER TO DETAILS FOR TYPE & SPECS. ** AN OPENING IN AN EXPOSING BUILDING FACE NOT MORE THAN 20 in (130cm²) SHALL NOT BE CONSIDERED AN UNPROTECTED OPENING AS PER 9 10.14.6

COLD CELLAR PORCH SLAB (9.39.) FOR MAX, 8'-2" (2500) PORCH DEPTH, 5" (127) 32 MPa (4640psi) CONC, SLAB W/ 5-8% AIR ENTRAINMENT. REINF. WITH 10M BARS @ 7 7/8" (200) O.C. EACH DIRECTION, W/ 1 1/4" (32) CLEAR COVER FROM BOTTOM OF SLAB TO FIRST LAYER OF BARS & SECOND LAYER OF BARS LAID DIRECTLY ON TOP OF LOWER LAYER IN OPPOSITE DIR. 24"x24" (610x610) 10M DOWELS @ 23 5/8" (600) O.C., ANCHORED IN PERIMETER FND. WALLS. SLOPE SLAB 1.0% FROM DOOR.

RANGE HOODS AND RANGE-TOP FANS COOKING APPLIANCE EXHAUST FANS VENTED TO EXTERIOR MUST CONFORM TO OBC 9.10.22, 9.32.3.9. & 9.32.3.10.

CONVENTIONAL ROOF FRAMING (9.23.13., 9.23.15.) 2"x6" (38x140) RAFTERS @ 16" (406) O.C., 2"x8" (38x184) RIDGE BOARD. 2"x4" (38x89) COLLAR TIES AT MID-SPAN. CEILING JOISTS TO BE 2"x4" (38x89) 16" (406) O.C. FOR MAX. 9'-3" (2819) SPAN & 2"%6" (38x140) @ 16" (406 .C. FOR MAX. SPAN 14'-7" (4450). RAFTERS FOR BUILT UP ROOF OVEF PRE-ENGINEERED ROOF TRUSSÉS AND OR CONVENTIONAL FRAMING TO BE 2"x4" (38x89) @ 24" (610) O.C. UNLESS OTHERWISE SPECIFIED.

A. KONG ****\\\| 100184942 August 23, 2022 F OF ON

FOR STRUCTURAL ONLY. EXCLUDING ENGINEERED ROOF TRUSS, FLOOR JOIST, AND FLOOR LVL BEAM DESIGN.

cont. SECTION 1.0. CONSTRUCTION NOTES

WALL AS	SSEMBLY		WIND	LOADS	
EVTEDIOD	CTLIDC	<= 0.5	kPA (q50)	> 0.5	kPa (q50)
EXTERIOR STUDS		SPACING	MAX HEIGHT	SPACING	MAX HEIGHT
BRICK		12" (305) O.C.	18'-4" (5588)	8" (200) O.C.	18'-4" (5588)
SIDING	(2-38x140) SPR.#2	16" (406) O.C.	18'-4" (5588)	12 ' (305) O.C.	18'-4" (5588)
BRICK		12" (305) O.C.	21'-0" (6400)	12 ' (305) O.C.	21'-0" (6400)
SIDING (2-38x184) SPR.#2		16" (406) O.C.	21'-0" (6400)	16" (406) O.C.	21'-0" (6400)

STUDS ARE TO BE CONTINUOUS, C/W 3/8" (9.5) THICK EXTERIOR PLYWOOD SHEATHING, PROVIDE SOLID WOOD BLOCKING BETWEEN WOOD STUDS @ 4'-0" (1220) O.C. VERTICALLY.

- FOR HORIZ. DISTANCES LESS THAN 9"-6" (2896) PROVIDE 2"x6" (38x140) STUDS @ 16" (406) O.C. WITH CONTIN. 2-2"x6" (2-38x140) TOP PLATE + 1-2"x6" (1-38x140) BOTTOM PLATE & MIN. OF 3-2"x8" (3-38x184) CONT. HEADER AT GROUND FLOOR CEILING LEVEL TOE-NAILED & GLUED AT TOP, BOTTOM PLATES & HEADERS.

40 1 HR. PARTY WALL (CONC. BLOCK) ([SB-3] WALL TYPE 'B6e' & 'B1b') 1/2" (12.7) GYPSUM SHEATHING ON EACH SIDE ON 2"X2" (38x38) VERTICAL WD. STRAPPING @ 24" (610) O.C. ON 8" (200) CONC. BLOCK FILL STRAPPING CAVITY EACH SIDE WITH AT LEAST 90% OF ABSORPTIVE MATERIAL PROCESSED FROM ROCK, SLAG OR GLASS, TAPE, FILL & SAND ALL GYPSUM JOINTS, EXPOSED BLOCK MUST BE SEALED W/ 2 COATS OF PAINT OF FURRED WITH 2"x2" (38x38) WD. STRAPPING & 1/2" (12.7) GYPSUM SHEATHING.

40 1 HR, PARTY WALL (DOUBLE STUD) ([SB-3] WALL TYPE W13c) 5/8" (15.9) TYPE 'X' GYPSUM SHEATHING ON EXTERIOR SIDE OF 2 ROWS OF 2"x4" (38x89) STUDS @ 16" (406) O.C., MIN. 1" (25) APART ON SEPARATE 2"x4" (38x89) SILL PLATES. (2"x6" (38x140) AS REQUIRED) FILL ONE SIDE OF STUD CAVITY WITH AT LEAST 90% OF ABSORPTIVE MATERIAL PROCESSED ROCK, SLAG OR GLASS. TAPE FILL AND SAND ALL GYPSUM JOINTS.

40A) 2 HR. FIREWALL ([SB-3] WALL TYPE 'B6e' & 'B1b') 1/2" (12.7) GYPSUM SHEATHING ON EACH SIDE ON 2"x2" (38x38) VERTICAL WOOD STRAPPING @ 24" (610) O.C ON 8" (200) CONC. BLOCK 75% SOLID. FILL STRAPPING CAVITY EACH SIDE WITH AT LEAST 90% OF ABSORPTIVE MATERIAL PROCESSED FROM ROCK, SLAG OR GLASS. TAPE, FILL & SAND ALL GYPSUM JOINTS. AT UNFINISHED AREAS, EXTERIOR FACE OF CONC. BLOCK TO BE SEALED WITH 2 COATS OF PAINT. GYPSUM SHEATHING TO BE ATTACHED TO CONC. BLOCK, (REFER TO DETAILS)

41 STUCCO WALL CONSTRUCTION (2'x6') STUCCO FINISH CONFORMING TO O.B.C. SECTION 9.28. AND APPLIED PER MANUFACTURERS SPECIFICATIONS OVER 1 1/2" (38) E.I.F.S. (MINIMUM) ON APPROVED DRAINAGE MAT ON 1/2" (12.7) DENSGLASS GOLD GYPSUM BOARD ON STUDS CONFORMING TO O.B.C (9.23.10.1.) & SECTION 1.1., INSULATION, APPROVED 6 MIL. POLYETHYLENE VAPOUR BARRIER, 1/2" (12.7) GYPSUM WALLBOARD INT. FINISH. (REFER TO 35 NOTE AS REQUIRED)

41A STUCCO WALL CONSTRUCTION (2'x6') W/ CONTIN. INSUL. STUCCO FINISH CONFORMING TO O.B.C. SECTION 9.28. AND APPLIED PE MANUFACTURERS SPECIFICATIONS OVER 1 1/2" (38) E.I.F.S. (MINIMUM) ON APPROVED DRAINAGE MAT ON APPROVED AIR, WATER BARRIER AS PER O.B.C. 9.27.3. ON EXTERIOR TYPE RIGID INSULATION (JOINTS UNTAPED) MECHANICAL FASTENED AS PER MANUFACTURER'S SPECIFICATIONS, ON 7/16" EXTERIOR TY SHEATHING ON STUDS CONFORMING TO O.B.C (9.23.10.1.) & SECTION 1.1., INSULATION, APPROVED 6 MIL. POLYETHYLENE VAPOUR BARRIER, 1/2" (12.7) GYPSUM WALLBOARD INT. FINISH. (REFER TO 35 NOTE AS REQUIRED)

41B STUCCO WALL @ GARAGE CONST. STUCCO FINISH CONFORMING TO O.B.C. SECTION 9.28. AND APPLIED PER MANUFACTURERS SPECIFICATIONS OVER 1 1/2" (38) E.F.I.S (MINIMUM) ON APPROVED DRAINAGE MAT ON 1/2" (12.7) DENSGLASS GOLD GYPSUM BRD. ON STUDS CONFORMING TO O.B.C (9.23.10.1.) & SECTION 1.1., 1/2" (12.7) GYPSUM WALLBOARD INT. FINISH. (REFER TO 35 NOTE AS REQ.)

*** FOR DWELLINGS USING CONTIN, INSULATION CONSTRUCTION,

PROVIDE APPROVED DRAINAGE MAT ON 7/16" (11) EXTERIOR TYPE SHEATHING

OVER FURRING (AS REQ.) AND STUDS IN LIEU OF 1 1/2" (38) E.F.I.S (MINIMUM)

ON APPROVED DRAINAGE MAT ON 1/2" (12.7) DENSGLASS GOLD GYPSUM BRC

42 UNSUPPORTED FOUNDATION WALLS (9.15.4.2.) REINFORCING AT STAIRS AND SUNKEN FLOOR AREAS 2-20M BARS IN TOP PORTION OF WALL (UP TO 8-0" OPENING) 3-20M BARS IN TOP PORTION OF WALL (8-0" TO 10-0" OPENING) 4-20M BARS IN TOP PORTION OF WALL (10-0" TO 15-0" OPENING BARS STACKED VERTICALLY AT INTERIOR FACE OF WALL @ 6" O.O. REINFORCING AT BASEMENT WINDOWS 2-15M HORIZ. REINFORCING ON THE INSIDE AND OUTSIDE FACE OF THE FOUNDATION WALL BELOW THE WIN. SILL. EXTEND BARS 24" (610) BEYOND THE OPENING. 2-15M VERTICAL REINFORCING ON THE INSIDE AND OUTSIDE FACE OF THE FOUNDATION WALL ON EACH SIDE OF THE WINDOW OPENING.

- BARS TO HAVE MIN. 1" (25) CONC. COVER

- BARS TO EXTEND 2'-0" (610) BEYOND BOTH SIDES OF OPENING STUD WALL REINFORCEMENT
PROVIDE STUD WALL PROVIDE STUD WALL REINFORCEMENT IN MAIN BATHROOM CONFORMING TO O.B.C. (9.5.2.3.(1)) (REFER TO DETAILS)

WINDOW WELLS WHERE A WINDOW OPENS INTO A WINDOW WELL, A CLEARANCE OF NOT LESS THAN 21 5/8" (550) SHALL BE PROVIDED IN FRONT OF THE WINDOW. EVERY WINDOW WELL SHALL BE DRAINED TO THE FOOTING LEVEL OR OTHER SUITABLE LOCATION WITH A 4" (100) WEEPING TILE C/W A FILTER CLOTH WRAP AND FILLED WITH CRUSHED STONE. (9.9.10.1.(5), 9.14.6.3.)

SLOPED CEILING CONSTRUCTION ([SB-12] 3.1.1.8., 9.23.4.2.) 2"x12" (38x286) ROOF JOISTS @ 16" (406) O.C. MAX. (UNLESS OTHERWISE 2X12 (30X28) HOUT JUSTS (@ 16 (406) O.C. PERPENDICULAR TO ROOF JOIST (PURLINS NOT REQ. W) SPRAY FOAM), W; INSULATION BETWEEN JOIST 6 mil POLYETHYLENE VAPOUR BARRIER 1/2" (12.7) GYPSUM WALLBOARD INSULATION BETWEEN JOIST SINISH OR APPROVED EQ. INSULATION VALUE DIRECTLY ABOVE THE INNER SURFACE OF EXTERIOR WALLS SHALL NOT BE LESS THAN R20 (3.52 RSI).

FLAT ROOF/BALCONY CONSTRUCTION WATERPROOFING MEMBRANE (9.26.11, 9.26.15, 9.26.16) FULLY ADHERED TO 5 (15.9) T&G EXTERIOR GRADE PLYWOOD SHEATHING ON 2"X2" (38X38) PURLINS ANGLED TOWARDS SCUPPER @ 2% MINIMUM LAID PERPENDICULAR TO 2"X8" (38x184) FLOOR JOISTS @ 16" (406) O.C. (UNILESS OTHERWISE NOTED). BUILT UP CURB TO BE 4" (100) MIN. ABOVE FINISHED BALCONY FLOOR. CONTINUOUS 'L' TRIM DRIP EDGÉ TO BE PROWIDED ON OUTSIDE FACE OF CURB. SCUPPER DRAIN TO BE LOCATED 24" (610) MIN. AWAY FROM HOUSE. PREFINISHED ALLUMINUM OR PANEL FOR UNDERSIDE OF SOFFIT (9.23.2.3). REMOVE CURB WHERE REQ. **BALCONY CONDITION**

SEE FLAT ROOF/BALCONY CONSTRUCTION NOTE. INCLUDE 2"x4" (38x89) PT. DECKING W/ 1/4" (6.4) GAPS LAID FLAT PARALLEL TO JOISTS ON 2"x4" (38x89) PT. SLEEPERS @ 12" (305) O.C. LAID FLAT PERPENDICULAR TO JOISTS BALCONY OVER HEATED SPACE CONDITION SEE FLAT ROOF/BALCONY CONSTRUCTION NOTE FOR ASSEMBLY. REFER TO PLANS FOR FLOOR JOIST SIZE & REFER TO HEX NOTE 9 FOR INSULATION AND

INTERIOR FINISH 47 BARREL VAULT CONSTRUCTION CANTILEVERED 2"X4" (38X89) SPACERS LAID FLAT ON 2"X10" (38X235) SPR. #2 ROOF JOIST NAILED TO BUILT-UP 3-3/4" (19) PLYWOOD HEADER PROFILED FOR BARREL. SPRAY FOAM INSULATION BETWEEN JOISTS W/ GYPSUM BOARD.

INTERIOR FIN. (REFER TO DETAILS)

UNDERSIGNED HAS REVIEWED AND TAKES RESPONSIBILITY FOR THIS DESIGN AND H

HE QUALIFICATIONS AND MEETS THE REQUIREMENTS SET OUT IN THE ONTARIO BUILDING DDE TO BE A DESIGNER.

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FICATION INFORMATION

HUNT DESIGN ASSOCIATES INC.

Allan Whiting

SECTION 1.1. WALL STUDS REFER TO THIS CHART FOR STUD SIZE & SPACING AS REQUIRED FOR EXTERIOR OF TOP OF FOUNDATION WALL AND ADDITIONAL INFORMATION.

- IF STUD WALL HEIGHT EXCEEDS MAX. UNSUPPORTED HEIGHT, WALL NEEDS TO BE REVIEWED AND APPROVED BY ENGINEER.

SECTION 2.0. GENERAL NOTES

DIRECT ACCESS TO THE EXTERIOR. EVERY FLOOR LEVEL CONTAINING A BEDROOM IS TO HAVE AT LEAST ONE OUTSIDE WINDOW W/ MIN. 0.35m2 UNOBSTRUCTED OPEN PORTION W/ NO DIMENSION LESS THAN 1'-3" (380), CAPABLE OF MAINTAINING THE OPENING WITHOUT THE NEED FOR ADDITIONAL SUPPORT, CONFORMING TO 9.9.10. 2) WINDOW GUARDS: A GUARD OR A WINDOW WITH A MAXIMUM RESTRICTED OPENING WIDTH OF 4" (100) IS REQUIRED WHERE THE TOP OF THE WINDOW SILL I LOCATED LESS THAN 1'-7" (480) ABOVE FIN. FLOOR AND THE DISTANCE FROM THE FINISHED FLOOR TO THE ADJACENT GRADE IS GREATER THAN 5'-11" (1800). (9.8.8.1 3) WINDOWS IN EXIT STAIRWAYS THAT EXTEND TO LESS THAN 2-11" (900) [3-6" (1070) FOR ALL OTHER BUILDINGS] SHALL BE PROTECTED BY GUARDS IN ACCORDANCE WITH NOTE #2 (ABOVE). OR THE WINDOW SHALL BE NON-OPERABLE AND DESIGNED O WITHSTAND THE SPECIFIED LOADS FOR BALCONY GUARDS AS PROVIDED IN

4) REFER TO TITLE PAGE FOR MAX. U-VALUE REQUIREMENTS

STORAGE GARAGE

REFER TO HOT WATER TANK MANUFACTURER SPECS. CONFORM TO OBC 9.31.6. 3) REFER TO TITLE PAGE FOR SPACE HEATING EQUIPMENT, HRV AND DOMESTIC HOT WATER HEATER MINIMUM EFFICIENCIES. 4) DRAIN WATER HEAT RECOVERY UNIT(S) WILL BE INSTALLED CONFORMING TO THE

RÉQUIREMENTS OF SB12 - 3.1.1.12. OF THE O.B.C.

2) STUDS SHALL BE STUD GRADE SPRUCE, UNLESS NOTED OTHERWISE. 3) LUMBER EXPOSED TO THE EXTERIOR TO BE SPRUCE No. 2 GRADE PRESSURE TREATED OR CEDAR, UNLESS NOTED OTHERWISE.

JOIST HANGERS: PROVIDE APPROVED METAL HANGERS FOR ALL JOISTS AND BUILT-UP WOOD MEMBERS INTERSECTING WITH FLUSH BUILT-UP WOOD MEMBERS. 6) WOOD FRAMING NOT TREATED WITH A WOOD PRESERVATIVE, IN CONTACT WITH CONCRETE, SHALL BE SEPARATED FROM THE CONC. BY AT LEAST 2 mil POLYETHYLEN FILM, No.50 (45lbs) ROLL ROOFING OR OTHER DAMPPROOFING MATERIAL, EXCEPT WHERE THE WOOD MEMBER IS AT LEAST 6" (152) ABOVE THE GROUND.

2.5. STEEL (9.23.4.3.) 1) STRUCTURAL STEEL SHALL CONFORM TO CAN/CSA-G40-21 GRADE 350W. HOLLOW STRUCT. SECTIONS SHALL CONFORM TO CAN/CSA-G40-21 GRADE 350W CLASS "H".

2) REINFORCING STEEL SHALL CONFORM TO CSA-G30-18M GRADE 400R.

2.6. FLAT ARCHES1) FOR 8-0" (2440) CEILINGS, FLAT ARCHES SHALL BE 6'-10" (2080) A.F.F.
2) FOR 9-0" (2740) CEILINGS, FLAT ARCHES SHALL BE 7'-10" (2400) A.F.F.
3) FOR 10'-0" (3040) CEILINGS, FLAT ARCHES SHALL BE 8'-6" (2600) A.F.F.

FLASHING MATERIALS & INSTALLATION SHALL CONFORM TO O.B.C.

FFECT ADJACENT PROPERTIES. CONFORM TO 9.14.6.

2.10. ULC SPECIFIED ASSEMBLIES
ALL REQUIRED INDIMDUAL COMPONENTS THAT FORM PART OF ANY 'ULC LISTED ASSEMBLY', SPECIFIED WITHIN THESE DRAWINGS, CANNOT BE ALTERED OR SUBSTITUTE FOR ANY OTHER MATERIAL/PRODUCT OR SPECIFIED MANUFACTURER THAT IS IDENTIFIED CIRCUMSTANCES IN ANY 'ULC LISTED ASSEMBLY' IDENTIFIED IN THESE DRAWINGS.

SECTION 3.0. LEGEND

3.1. WOOD LINTELS AND BUILT-UP WOOD
(DIVISION B PART 9. TABLES AS TO A10 AND A12, A15 & A16)

	FORMING PART OF SENTENCE 9.23.4.2.(3), 9.23.4.2.(4), 9.23.12.3.(1),(3), 9.23.13.8.(2), 9.37.3.1.(1)								
	2"x8" SPRUCE #2			2"x10" SPRUCE #2		2"x12" SPRUCE #2			
D.	L1	2/2"x8" (2/38x184)	L3	2/2"x10" (2/38x235)	L5	2/2"x12" (2/38x286)			
D	B1	3/2"x8" (3/38x184)	ВЗ	3/2"x10" (3/38x235)	B5	3/2"x12" (3/38x286)			
	B2	4/2"x8" (4/38x184)	B4	4/2"x10" (4/38x235)	В6	4/2"x12" (4/38x286)			
	В7	5/2"x8" (5/38x184)	B8	5/2"x10" (5/38x235)	В9	5/2"x12" (5/38x286)			
OR	ENGINEERED LUMBER SCHEDULE - GRADE 2.0E (UNLESS NOTE OTHERWISE)								
		1 3/4" x 9 1/2" LVL		1 3/4" x 11 7/8" LVL		1 3/4" x 14" LVL			
	LVL2	1-1 3/4"x9 1/2"	LVL3	1-1 3/4"x11 7/8"	LVL10	1-1 3/4"x14"			
	LVL4	2-1 3/4"x9 1/2"	LVL6	2-1 3/4"x11 7/8"	LVL11	2-1 3/4"x14"			
	LVL5	3-1 3/4"x9 1/2"	LVL7	3-1 3/4"x11 7/8"	LVL12	3-1 3/4"x14"			
	LVL8	4-1 3/4"x9 1/2"	LVL9	4-1 3/4"x11 7/8"	LVL13	4-1 3/4"x14"			
				S SUPPORTING MAS					
				B PART 9. TABLE 9.20 OF SENTENCE 9.20.5.2.(2)					

	FORMING PART OF SENTENCE 9.20.5.2.(2) & 9.20.5.2.(3)							
CODE	SIZE	BRICK	STONE					
L7	3 1/2" x 3 1/2" x 1/4" (89 x 89 x 6.4)	8'-1" (2.47m)	7'-6" (2.30m)					
L8	4" x 3 1/2" x 1/4" (102 x 89 x 6.4)	8'-9" (2.66m)	8'-1" (2.48m)					
L9	4 7/8" x 3 1/2" x 5/16" (127 x 89 x 7.9)	10'-10" (3.31m)	10'-1" (3.03m)					
L10	4 7/8" x 3 1/2" x 3/8" (127 x 89 x 11)	11'-5" (3.48m)	10'-7" (3.24m)					
L11	5 7/8" x 3 1/2" x 3/8" (152 x 89 x 11)	12'-6" (3.82m)	11'-7" (3.54m)					
L12	7 1/8" x 4" x 3/8" (178 x 102 x 11)	14'-1" (4.30m)	13'-1" (3.99m)					

REFER TO SB-12 ENERGY EFFICIENCY DESIGN MATRIX ON THE TITLE PAGE FOR ALL VALUES AS REQUIRED PER 3.1.1., 3.1.2., 3.1.3. OF THE OBC.

3.3. DOOR SCHEDULE

EXTERIOR | 3'-0" x 6'-8" x 1-3/4" (915 x 2030 x 45) INSULATED MIN. R4 (RSI 0.7)

ID EXTERIOR 2'-8" x 6'-8" x 1-3/4" (815 x 2030 x 45) INS. MIN. R4 (RSI 0.7) (SEE HEX NOTE 20

2A | EXTERIOR | 2'-8" x 6'-8" x 1-3/4" (815 x 2030 x 45) 20 MIN. F.R.R. DOOR/FRAME WITH APP. SELF CLOSING DEVIC

3.4. ACRONYMS

FIXED GLASS W/ BLACK BACKING LVL LAMINATED VENEER LUMBER

TB/A OPEN TO BELOW/ABOVE

T | PRESSURE TREATED

POINT LOAD

PWD | POWDER ROOM

SBFA SB FROM ABOVE

J SINGLE JOIST

SPR SPRUCE

T/O TOP OF

TYP TYPICAL

WD WOOD

HEAT RETURN VENTILATION UNIT WIC | WALK IN CLOSET

3.5. SYMBOLS

ALL ELECTRICAL FACILITIES SHALL BE INSTALLED IN ACCORDANCE WITH SECTION 9.34.

NOVIDE ONE PER FLOOR, NEAR THE STAIRS CONNECTING THE FLOOR LEVEL. ALARMS RE TO BE INSTALLED IN EACH SLEEPING ROOM AND IN A LOCATION BETWEEN

LEEPING ROOMS AND CONNECTING HALLWAYS AND WIRED TO BE INTERCONNECTED O ACTIVATE ALL ALARMS IF ONE SOUNDS. ALARMS ARE TO BE CONNECTED TO AN LECTRICAL CIRCUIT AND WITH A BATTERY BACKUP. ALARM SIGNAL SHALL MEET

* CHECK LOCAL BY-LAWS FOR REQUIREMENTS ** A CARBÓN MONOXIDE ALARM(S)
CONFORMING TO CAN/CGA-6.19 SHALL BE INSTALLED ON OR NEAR THE CEILING IN EACH
DWELLING UNIT ADJACENT TO EACH SLEEPING AREA. CARBON MONOXIDE ALARM(S)

HALL BE PERMANENTLY WIRED WITH NO DISCONNECT SWITCH, WITH AN ALARM THAT IS UDIBLE WITHIN SLEEPING ROOMS WHEN THE INTERVENING DOORS ARE CLOSED.

UPPORTED MEMBER. BUILT-UP WOOD COLUMNS SHALL BE NAILED TOGETHER WITH OT LESS THAN 3" (76) NAILS SPACED NOT MORE THAN 11 3/4" (300) O.C. THE NUMBER IF STUDS IN A WALL DIRECTLY BELOW A GIRDER TRUSS OR ROOF BEAM SHALL

THE WIDTH OF A WOOD COLUMN SHALL NOT BE LESS THAN THAN THE WIDTH OF

MPORAL SOUND PATTERNS MIN. ALARMS SHALL HAVE A VISUAL SIGNALLING DMPONENT AS PER THE "NATIONAL FIRE ALARM AND SIGNALING CODE 72".

U/S UNDERSIDE

P WEATHER PROOF

S EXHAUST VENT

→

SWITCH (2/3/4 WAY)

Output

SWITCH (2/3/4 WAY)

O

TELEPHONE JACK

DUPLEX OUTLET (HEIGHT AS NOTED A.F

LIGHT FIXTURE (CEILING MOUNTE

LIGHT FIXTURE (WALL MOUNTED)

CHANDELIER (CEILING MOUNTE

RWL RAIN WATER LEADER

SB SOLID BEARING WOOD POST

PTD PAINTED

PROVIDE 8'-0" HIGH

INTERIOR DOORS

FOR ALL 10' CE**ILI**NG

C | EXTERIOR | 2'-6" x 6'-8" x 1-3/4" (760 x 2030 x 45) INSULATED MIN. R4 (RSI 0.7)

E | EXTERIOR | 3'-0" x 8'-0" x 1-3/4" (915 x 2440 x 45) INSULATED MIN. R4 (RSI 0.7)

1F | EXTERIOR | 2'-8" x 8'-0" x 1-3/4" (815 x 2440 x 45) INSULATED MIN. R4 (RSI 0.7)

INTERIOR | 2'-8" x 6'-8" x 1-3/8" (815 x 2030 x 35)

INTERIOR 2'-6" x 6'-8" x 1-3/8" (760 x 2030 x 35)

A INTERIOR 2'-4" x 6'-8" x 1-3/8" (710 x 2030 x 35)

INTERIOR | 2'-0" x 6'-8" x 1-3/8" (610 x 2030 x 35)

A INTERIOR 2'-2" x 6'-8" x 1-3/8" (660 x 2030 x 35)

INTERIOR | 1'-6" x 6'-8" x 1-3/8" (460 x 2030 x 35)

COMPLETE WITH

DO OVER

P DROPPED

G | ENGINEERED

EST**I**MATED

FLAT ARCH

FLOOR DRAIN

GIRDER TRUSS

CLASS 'B' VENT

HEAVY DUTY OUTLET

POT LIGHT

SMOKE ALARM (9.10.19.)

-CMD CARBON MONOXIDE ALARM (9.33.4.)

HOSE BIB

G | FIXED GLASS

L FLUSH

J DOUBLE JOIST/ TRIPLE JOIST

BEAM BY FLOOR MANUFACTURER | LIN | LINEN CLOSET

CONFORMING TO SECTIONS 9.5.11, 9.6., 9.7.2.1, 9.7.5.2, & 9.10.13.10 EXTERIOR | 2'-8" x 6'-8" x 1-3/4" (815 x 2030 x 45) INSULATED MIN. B4 (BSI 0.7) EXTERIOR | 2'-10" x 6'-8" x 1-3/4" (865 x 2030 x 45) INSULATED MIN. R4 (RSI 0.7)

WED AND AN THOUGH BY ENGINEERS.							
SIZE & SPACING OF STUDS: (OBC REFERENCE - TABLE 9.23.10.1.)							
٧.		SUPPORTED LO	ADS (EXTERIOR)				
JD E,	ROOF w/ OR w/o ATT I C	ROOF w/ OR w/o ATTIC & 1 FLOOR	ROOF w/ OR w/o ATTIC & 2 FLOOR	ROOF w/ OR w/o ATTIC & 3 FLOOR			
ım)	1	MAX. STUD SPAC	ING, in (mm) O.C				
iiiiy	Λ	IAX. UNSUPPOR	TED HGT., ft-in (m	1)			
4"	24" (610)	16" (405)	12" (305)	N/A			
89)	9'-10" (3.0)	9'-10" (3.0)	9'-10" (3.0)	N/A			
6"	-	24" (610)	16" (406)	12" (305)			
40)	-	9'-10" (3.0)	11'-10" (3.6)	5'-11" (1.8)			

2.1. WINDOWS

2.2. CEILING HEIGHTS

HE CEILING HEIGHTS OF ROOMS AND SPACES SHALL CONFORM TO TABLE 9.5.3.1.					
ROOM OR SPACE	MINIMUM HEIGHTS				
LIVING ROOM, DINING ROOM AND KITCHEN	7'-7" OVER 75% OF REQUIRED FLOOR AREA WITH A CLEAR HEIGHT OF 6'-11" AT ANY POINT				
BEDROOM	7'-7" OVER 50% OF REQUIRED FLOOR AREA OR 6'-11" OVER ALL OF THE REQUIRED FLOOR AREA.				
BASEMENT	6-11" OVER AT LEAST 75% OF THE BASEMENT AREA EXCEPT THAT UNDER BEAMS AND DUCTS THE CLEARANCE IS PERMITTED TO BE REDUCED TO 6'-5".				
BATHROOM, LAUNDRY AREA ABOVE GRADE	6'-11" IN ANY AREA WHERE A PERSON WOULD NORMALLY BE STANDING				
FINISHED ROOM NOT MENTIONED ABOVE	6'-11"				

MEZZANINES 6'-11" ABOVE & BELOW FLOOR ASSEMBLY (9.5.3.2.)

2.3. MECHANICAL / PLUMBING

1) MECHANICAL VENTILATION IS REQUIRED TO PROVIDE 0.7 AIR CHANGE PER HOUR IF NOT AIR CONDITIONED 1 PER HOUR IF AIR CONDITIONED AVERAGED OVER 24 HOURS, WHEN A VENTILATION FAN (PRINCIPAL EXHAUST) IS REQUIRED, CONFORM TOORS AND AVENTILATION FAN (PRINCIPAL EXHAUST) IS REQUIRED, CONFORM TO OBC 9.32.3.4. WHEN A HRV IS REQUIRED, CONFORM TO 9.32.3.11. REFER TO MECHANICAL DRAWINGS.

2.4. LUMBER1) ALL LUMBER SHALL BE SPRUCE No.2 GRADE OR BETTER, UNLESS NOTED OTHERWISE.

4) ALL LAMINATED VENEER LUMBER (LVL) BEAMS, GIRDER TRUSSES, AND METAL HANGER CONNECTIONS SUPPORTING ROOF FRAMING TO BE DESIGNED & CERTIFIED BY FLOOR AND ROOF TRUSS MANUFACTURER.

2.7. ROOF OVERHANGS1) ALL ROOF OVERHANGS SHALL BE 1'-0" (305). UNLESS NOTED OTHERWISE.

2.8. FLASHING (9.20.13, 9.26.4, 8.9.27.3.)

1) THE BUILDING SHALL BE LOCATED OR THE BUILDING SITE GRADED SO THE WATER WILL NOT ACCUMULATE AT OR NEAR THE BUILDING AND WILL NOT ADVERSELY

TWO STOREY VOLUME SPACE. SEE CONSTRUCTION NOTE 39. VARYING PLATES, BUILT-OUT FLOORS, BEARING WALLS, ICE & WATER SHIELD

NFORM TO TABLES A-34 TO A-37. (9.17.4., 9.23.10.7.)

EXPOSED BUILDING FACE -O.B.C. 9.10.14. OR 9.10.15.
REFER TO HEX NOTE 35. & DETAILS FOR TYPE AND SPECIFICATIONS.

1 HR. PARTY WALL
REFER TO HEX NOTE 40.

2 HR. FIREWALL
REFER TO HEX NOTE 40A.

SECTION 4.0. CLIMATIC DATA DESIGN SNOW LOAD (9.4.2.2.): 1.01 **kPa** WIND PRESSURE (q50) (SB-1.2.): 0.44 **kPa**

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CONSTRUCTION NOTE REVISION DATE: DECEMBER 15, 2021

GOLDPARK HOMES - 221081 PINE VALLEY PH2, VAUGHAN ONT. <u>HUNT U</u>U

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3/16"=1'-0" 221081WS5004UPGLot23 ΑW

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10 of 1

CONSTRUCTION NOTES

5004-LOT 23-BEAUMON REV.2022.08.1