

ELEVATION 'A

ELEVATION B

ELEVATION 'C'

THE WILLOWCREEK - 5012

SB-12 ENERGY EFFICIENCY DESIGN MATRIX

SB-12 (SECTION 3.1.1) TABLE 3.1.1.2.A PRESCRIPTIVE COMPLIANCE SPACE HEATING FUEL PACKAGE A1 □ OIL □ ELECTRIC □ PROPANE □ EARTH ☐ SOLID FUE **BUILDING COMPONENT** REQUIRED PROPOSED INSULATION RSI (R) VALUE CEILING W/ ATTIC SPACE 10.56 (R60) CEILING W/O ATTIC SPACE 5.46 (R31) 5.46 (R31) EXPOSED FLOOR 5.46 (R31) 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 APPLIANCE EFFICIENCY SPACE HEATING EQUIP. (AFUE%) 96% HRV EFFICIENCY (%) 75% DHW HEATER (EF) 8.0 0.8

EL. 'A' EL. 'B' EL. 'B'

GROSS WALL AREA STD./OPT. PLAN ELEVATOR STD./OPT. PLAN ELEVATOR STD. PLAN ELEVATOR 2102.40 sq. ft. 2102.40 sq. ft. 2092.19 sq. ft. 2092.19 sq. ft. 2079.72 sq. ft. 0 sq. ft. 4803 sq. ft. 4803 sq. ft. 4788 sq. ft. 4788 sq. ft. 4773 sq. ft. 0 sq. ft. 320.82 sq. ft. 4482 sq. ft. 4482 sq. ft. 4467 sq. ft. 4467 sq. ft. 4452 sq. ft. -321 sq. ft. WINDOW / WALL AREA (416.41 sq. m.) (416.41 sq. m.) (415.03 sq. m.) (415.03 sq. m.) (413.62 sq. m.) (-29.81 sq. m.) | CALCULATIONS 100.33 sq. ft. 337.87 sq. ft. 100.33 sq. ft. 337.87 sq. ft. 100.33 sq. ft. 337.87 sq. ft. GROSS WALL AREA (253.63 sq. m.) (252.68 sq. m.) (252.68 sq. m.) (252.68 sq. m.) (252.18 sq. m. 2730.08 sq. ft. 2730.08 sq. ft. 2719.87 sq. ft. 2719.87 sq. ft. 2714.49 sq. ft. 2714.49 sq. ft. 3048.12 sq. ft. 3048.12 sq. ft. 3043.02 sq. ft. 3043.02 sq. ft. 3036.62 sq. ft. 3036.62 sq. ft. WINDOW / WALL AREA

1 - TITLE PAGE

2 - BASEMENT PLAN, EL 'A' 3 - GROUND FLOOR PLAN, EL, 'A'

4 - SECOND FLOOR PLAN, EL.'A'

5 - OPT. 5 BEDROOM SECOND FLOOR PLAN, EL.'A' 6 - PARTIAL FLOOR PLANS W/ OPT. ELEVATOR, EL. 'A'

7 - PART. FLOOR PLANS, EL. 'B'

8 - PART. FLOOR PLANS, EL. 'C'

9 - FRONT ELEVATION, EL.'A'

10 - LEFT SIDE ELEVATION, EL.'A'

11 - RIGHT SIDE ELEVATION, EL.'A' 12 - REAR ELEVATION, EL.'A'

13 - FRONT ELEVATION, EL.'B'

14 - LEFT SIDE ELEVATION, EL.'B' 15 - RIGHT SIDE ELEVATION, EL.'B'

16 - REAR ELEVATION, EL.'B'

17 - FRONT ELEVATION, EL.'C'

18 - LEFT SIDE ELEVATION, EL.'C'

19 - RIGHT SIDE ELEVATION, EL.'C'

20 - REAR ELEVATION, EL.'C'

21 - CROSS SECTION 'A - A'

22 - CONSTRUCTION NOTES W1 - DECK CONDITIONS

W2 - DECK CONDITIONS

WINDOW / WALL AREA STD. PLAN STD. - WOD STD. - LOD STD. - WOB OPT. PLAN OPT. - WOD OPT. - LOD OPT. - WOB 5055.78 sq. ft. 5118.15 sq. ft. 5173.60 sq. ft. 5185.25 sq. ft. 5055.78 sq. ft. 5118.15 sq. ft. 5173.60 sq. ft. 5185.25 sq. ft. (469.70 sq. m.) (475.49 sq. m.) (480.64 sq. m.) (481.73 sq. m.) (469.70 sq. m.) (475.49 sq. m.) (480.64 sq. m.) (481.73 sq. m.) GROSS WINDOW AREA 592.72 sq. ft. 596.38 sq. ft. 606.06 sq. ft. 666.83 sq. ft. 619.39 sq. ft. 622.72 sq. ft. 632.72 sq. ft. 693.50 sq. ft. 2700.57 sq. ft. 2700.57 sq. ft. 2695.96 sq. ft. 2695.96 sq. ft. 2693.24 sq. ft. 0 sq. ft. 0 sq. ft. (MCL GLASS DOORS & SKYLIGHTS) (55.07 sq. m.) (55.41 sq. m.) (56.30 sq. m.) (57.54 sq. m.) (57.85 sq. m.) (58.78 sq. m.) (64.43 sq. m.) EL, 'B' EL, 'B' EL, 'B' STD. PLAN STD. - WOD STD. - LOD STD. - WOB OPT. PLAN OPT. - WOD OPT. - LOD OPT. - WOB 4933.58 sq. ft. 4995.96 sq. ft. 5051.40 sq. ft. 5063.05 sq. ft. 4933.58 sq. ft. 4995.96 sq. ft. 5051.40 sq. ft. 5063.05 sq. ft. (458.34 sq. m.) (464.14 sq. m.) (469.29 sq. m.) (470.37 sq. m.) (458.34 sq. m.) (464.14 sq. m.) (469.29 sq. m.) (470.37 sq. m.)

(283.18 sq. m.) (283.18 sq. m.) (282.71 sq. m.) (282.71 sq. m.) (282.11 sq. m.) (282.11 sq. m.) CALCULATIONS

(258.62 sq. m.) (258.62 sq. m.) (258.11 sq. m.) (258.11 sq. m.) (257.51 sq. m.) (257.51 sq. m.) (257.51 sq. m.) (257.51 sq. m.) EL. 'C' EL. 'C' EL. 'C' EL. 'C' EL. 'C' EL. 'C' STD. PLAN STD. - WOD STD. - LOD STD. - WOB OPT. - PLAN OPT. - WOD OPT. - LOD OPT. - WOB 4952.25 sq. ft. 5014.63 sq. ft. 5070.07 sq. ft. 5081.72 sq. ft. 4952.25 sq. ft. 5014.63 sq. ft. 5070.07 sq. ft. 5081.72 sq. ft. (460.08 sq. m.) (465.87 sq. m.) (471.02 sq. m.) (472.11 sq. m.) (460.08 sq. m.) (465.87 sq. m.) (471.02 sq. m.) (472.11 sq. m.) 757.36 sq. ft. 760.69 sq. ft. 770.69 sq. ft. 831.47 sq. ft. 784.03 sq. ft. 787.36 sq. ft. 797.36 sq. ft. 840.81 sq. ft. (78.11 sq. m.) (74.08 sq. m.) (70.36 sq. m.) (70.67 sq. m.) (71.60 sq. m.) (77.25 sq. m.) (72.84 sq. m.) (73.15 sq. m.) (74.08 sq. m.) (78.11 sq. m.)



AREA CALCULATIONS

DEDUCT ALL OPEN AREAS

FINISHED BASEMENT AREA

COVERAGE

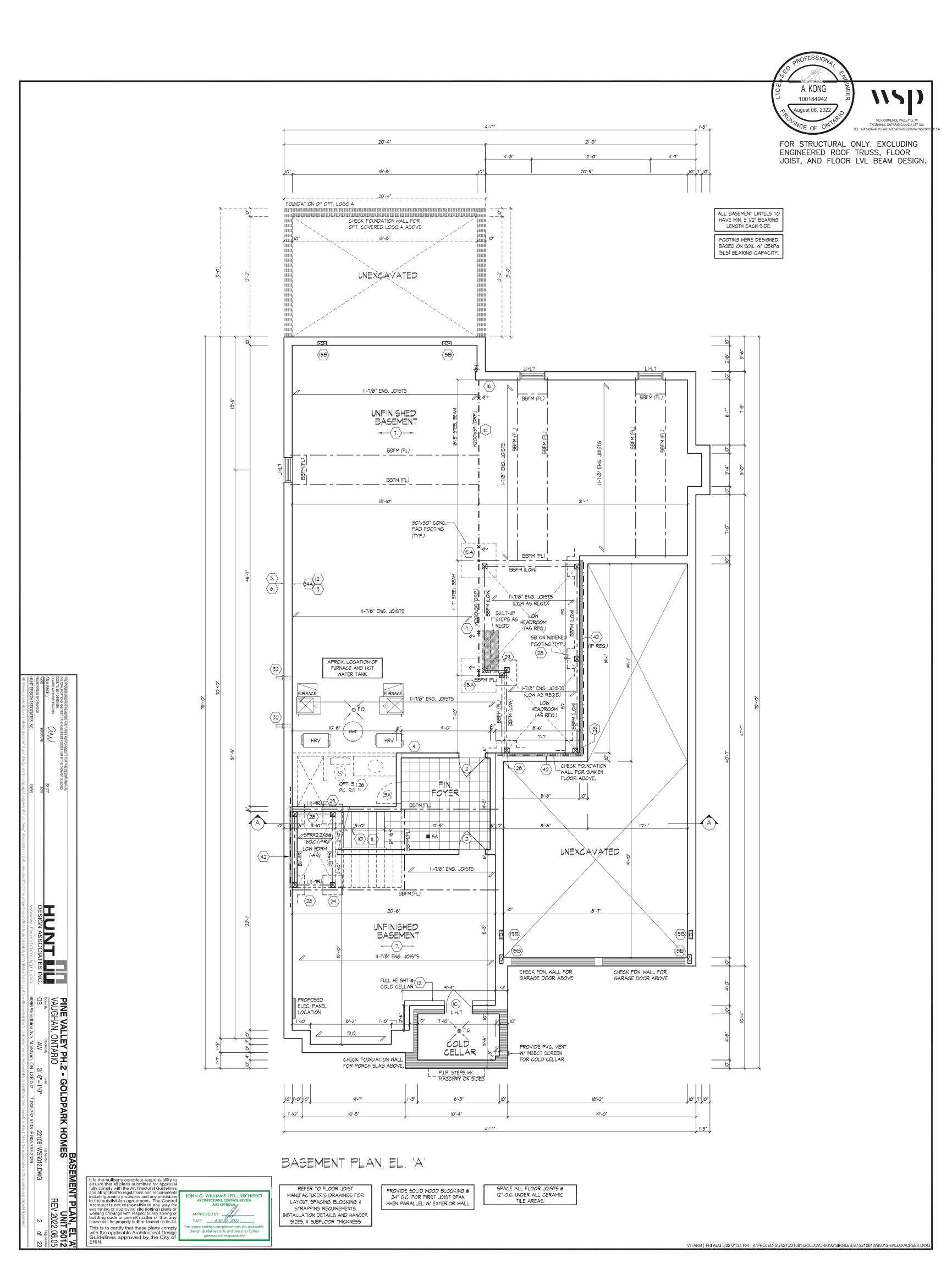
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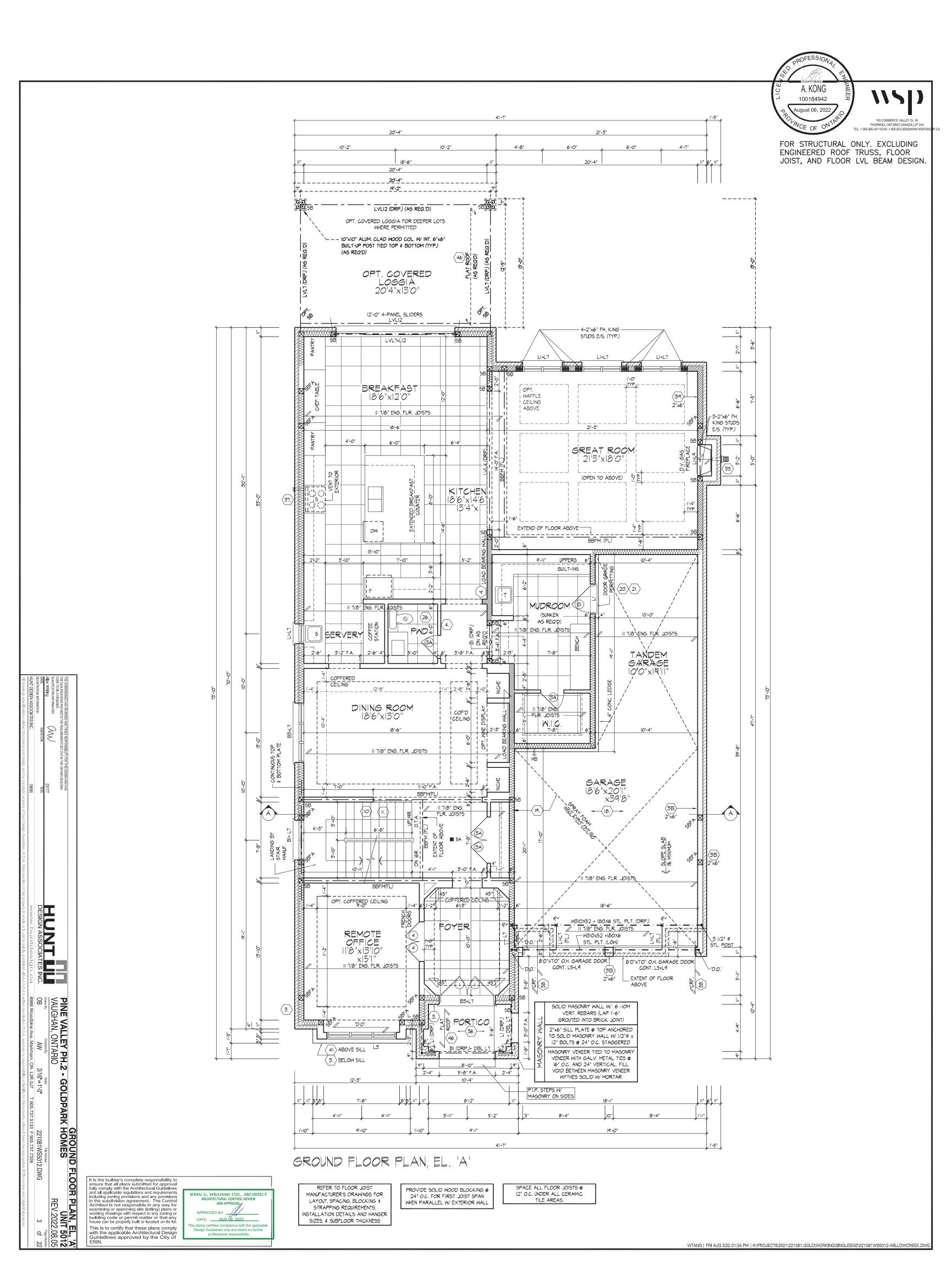
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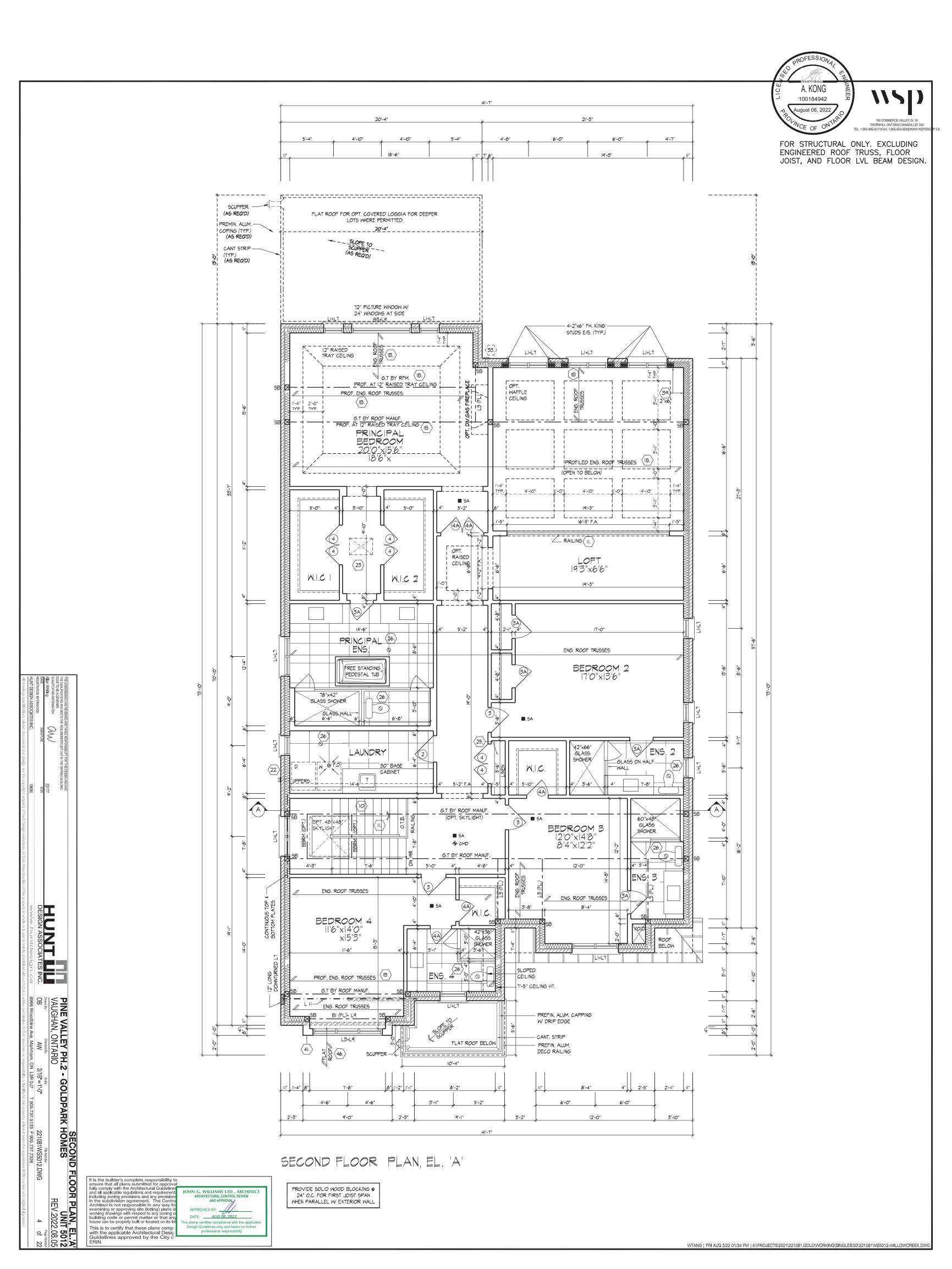


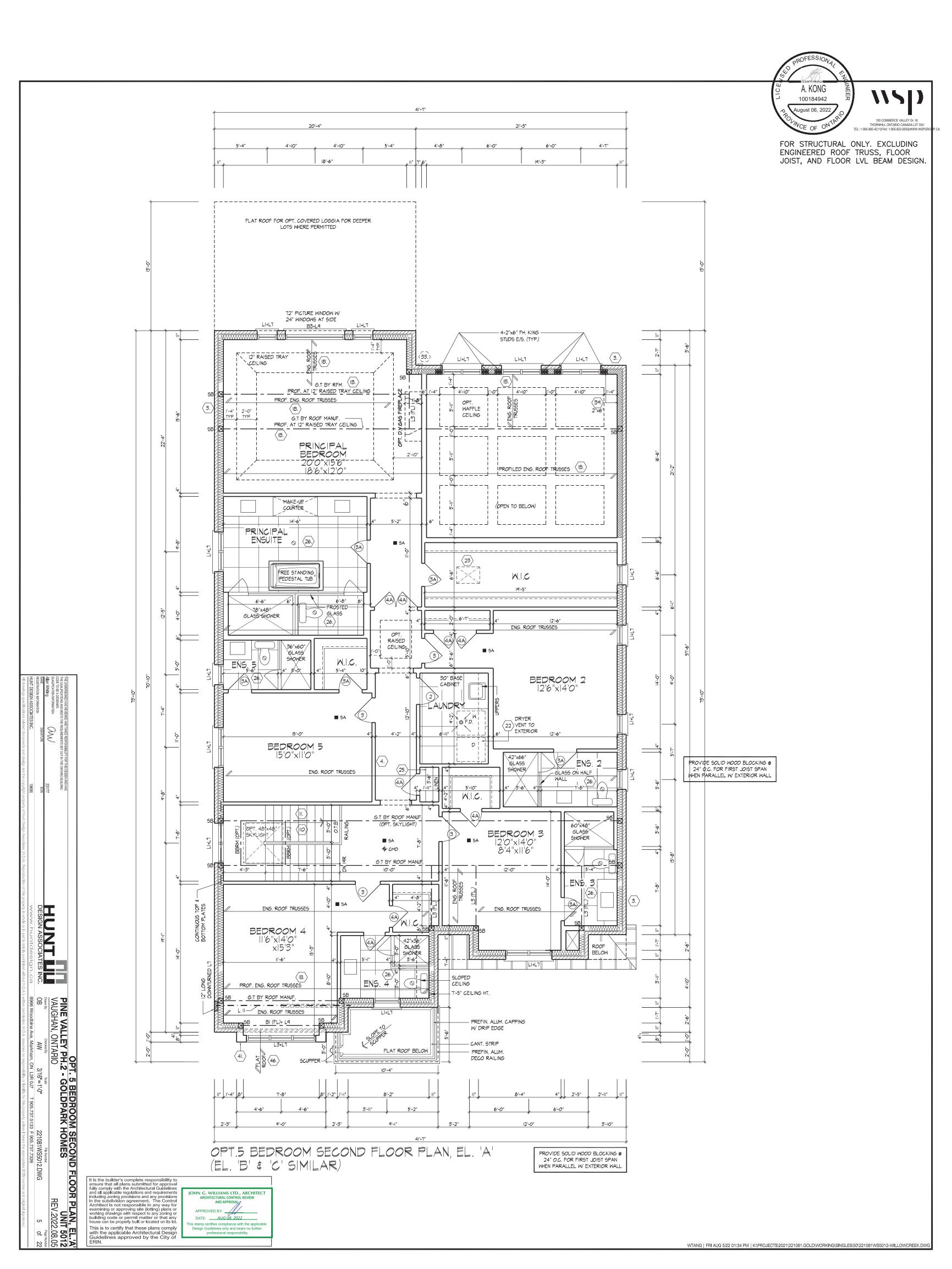
TOTAL WINDOW %	15.29 %	15.17 %	15.20 %	16.36 %	15.83 %	15.70 %	15.73 % 16	6.55 %
7							-	-
S							-	-
5. ISSUED FOR PE	RMIT						-	-
1. REVISED PER E	NG. STRUCT.	COMMENTS					2022.08.05	WT
3. CO-ORD. W/ FLO	OR & TRUSS	LAYOUTS					2022.05.19	SP
2. REVISIONS APP	LIED						2022.04.01	AW
I. ISSUED FOR CL	IENT REVIEW	1					2022/02/21	AW
		RF	VISIONS				DATE (YYYY/MM/I	DD) BY

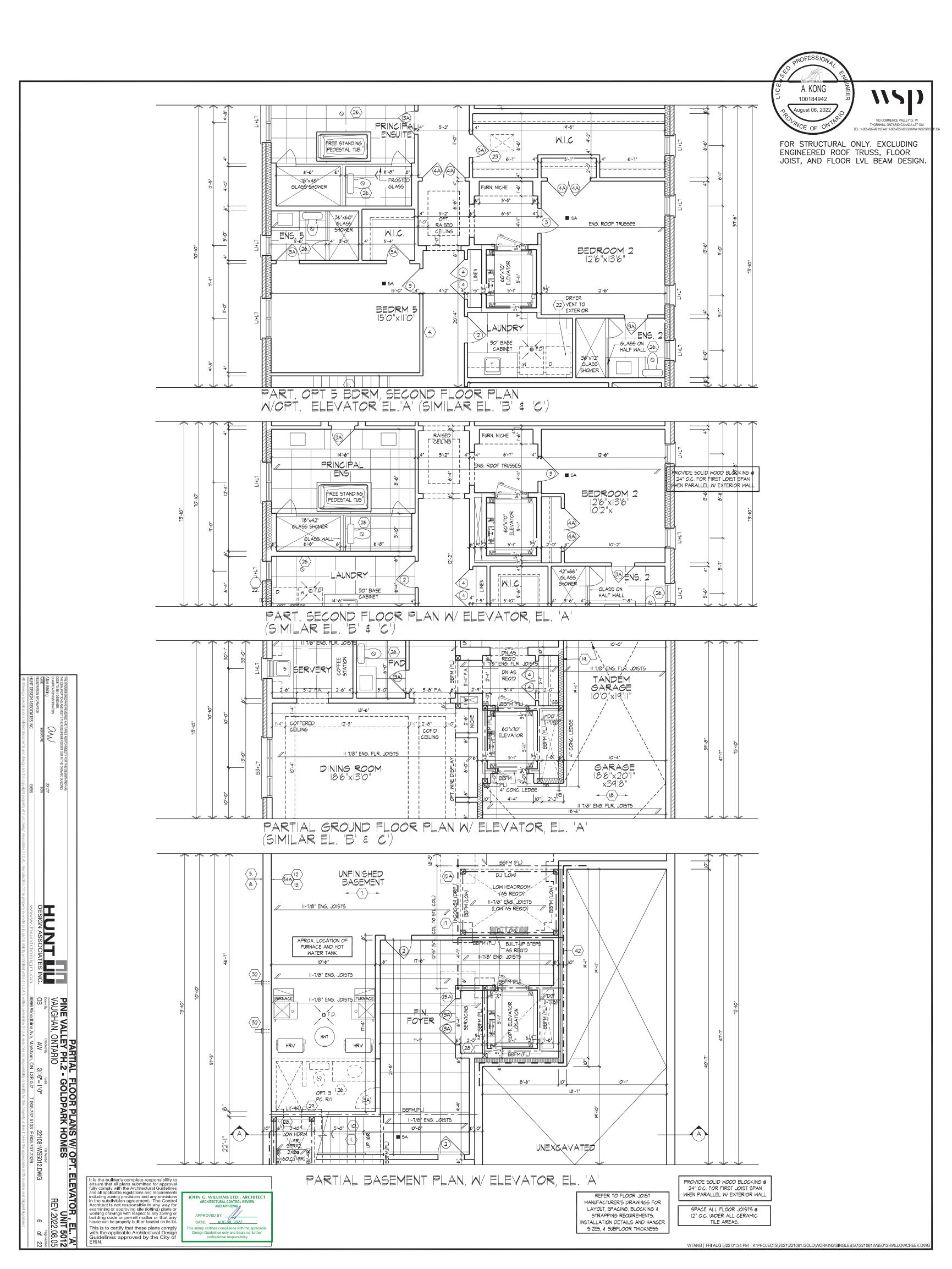
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THE UNDERSIGNED HAS REVIEWED AND TAKES RESPONSIBILITY FOR THIS DESIGN AND HAS THE QUALIFICATIONS AND MEETS THE REQUIREMENTS SET OUT IN THE ONTARIO BUILDING		PINE \	ALLEY PH	1.2 - GOL	DPARK HOMES	UNIT	5012
CODE TO BE A DESIGNER. QUALIFICATION INFORMATION	HUNTIÜ	VAUGH	AN, ONTARIO)		REV.202	2.08.0
Allah Williamg 25177		Drawn By	Checked By	Scale	File Number		Page Numi
NAME SIGNATURE BCIN REGISTRATION INFORMATION	DESIGN ASSOCIATES INC.	ОВ	AW	3/16"=1'-0"	221081WS5012.DWG	1	of 2
HUNT DESIGN ASSOCIATES INC. 19695	www.huntdesign.ca	8966 Woodb	oine Ave, Markham,	ON L3R 0J7	T 905.737.5133 F 905.737.7326		
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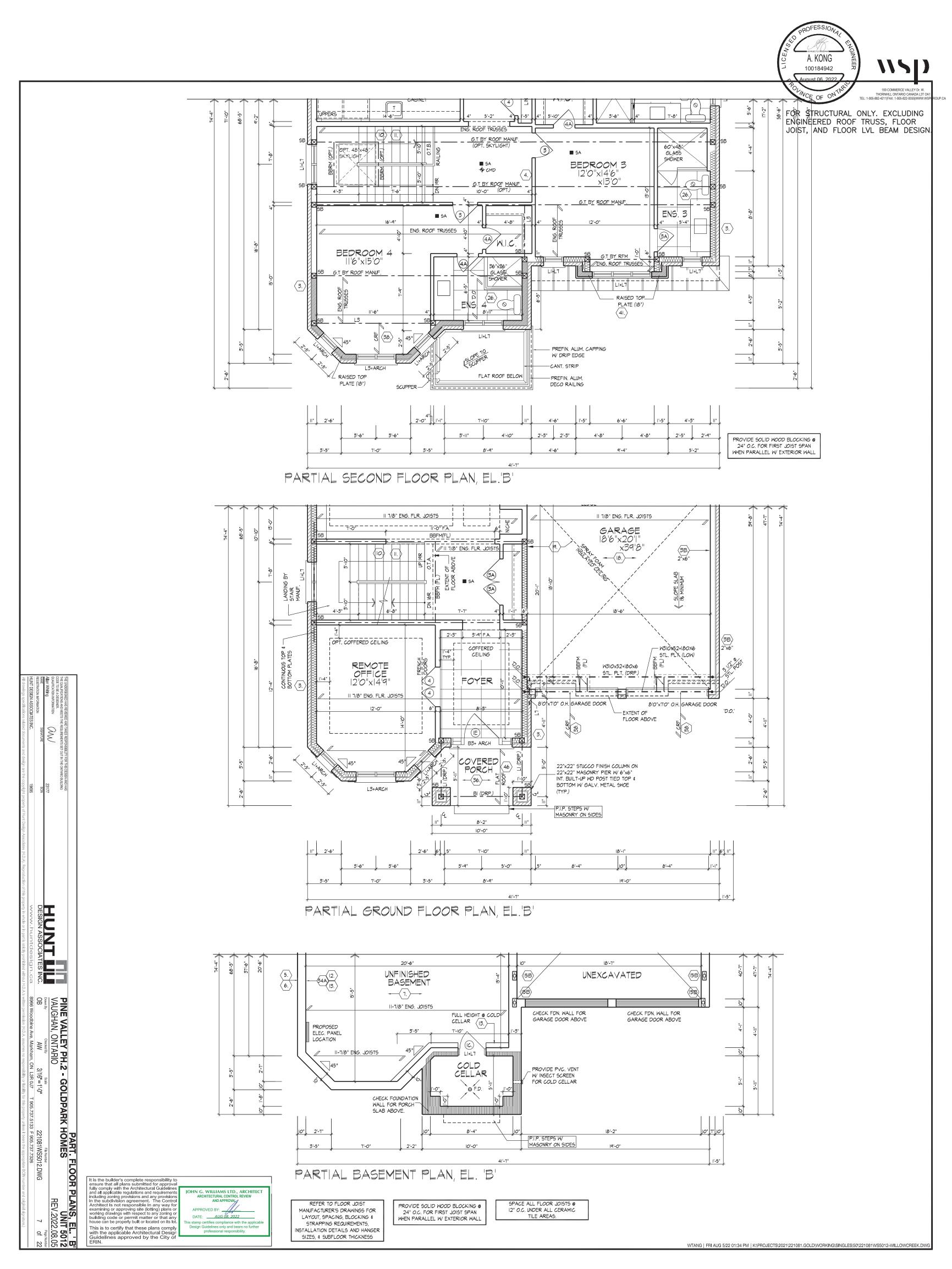


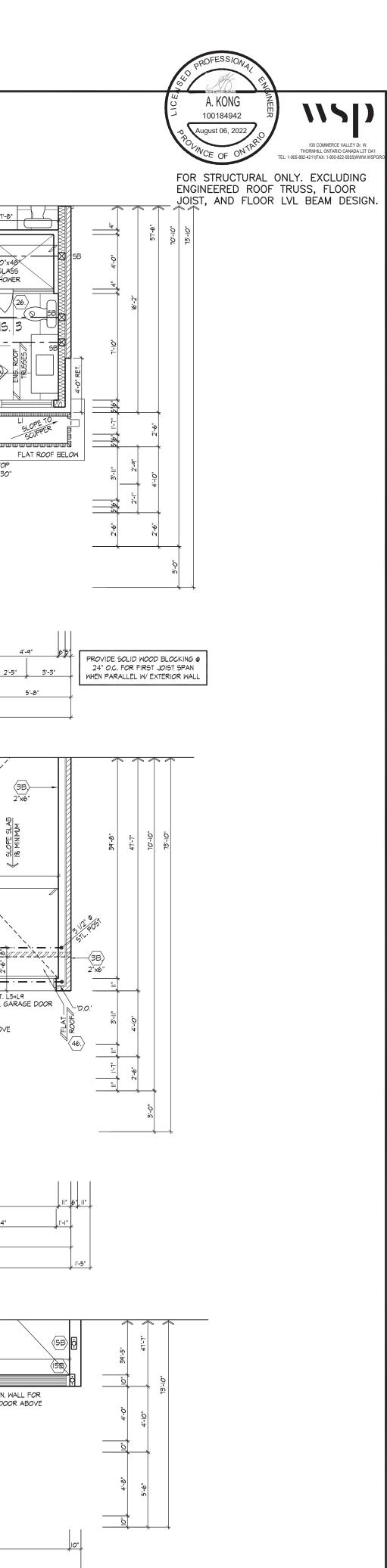




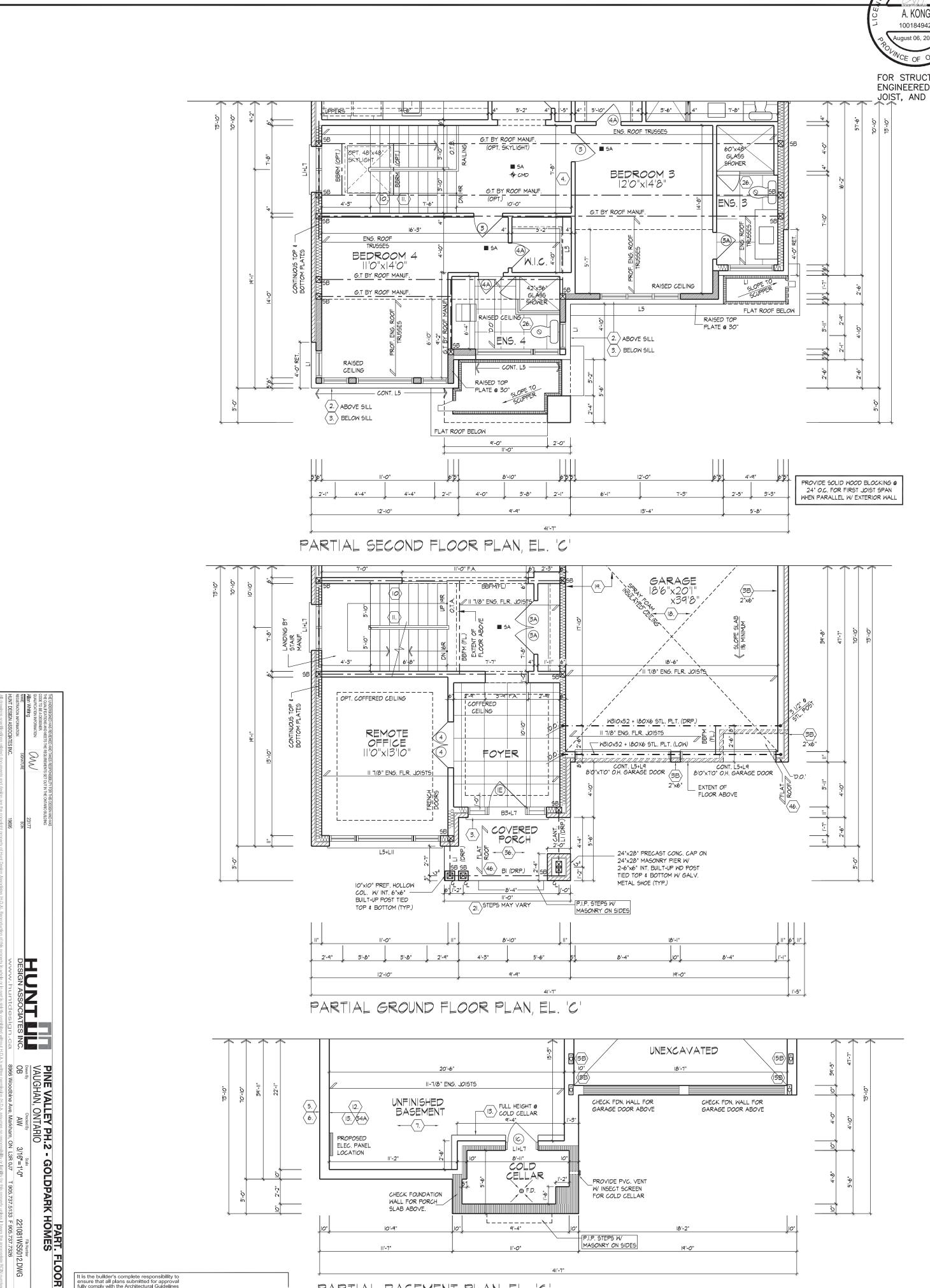








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PARTIAL BASEMENT PLAN, EL. 'C

PROVIDE SOLID WOOD BLOCKING @ 24" O.C. FOR FIRST JOIST SPAN

WHEN PARALLEL W/ EXTERIOR WALL

REFER TO FLOOR JOIST

MANUFACTURER'S DRAWINGS FOR

LAYOUT, SPACING, BLOCKING &

STRAPPING REQUIREMENTS, INSTALLATION DETAILS AND HANGER SIZES, & SUBFLOOR THICKNESS

SPACE ALL FLOOR JOISTS @ 12" O.C. UNDER ALL CERAMIC

It is the builder's complete responsibility to ensure that all plans submitted for approval fully comply with the Architectural Guidelines and all applicable regulations and requirements including zoning provisions and any provisions in the subdivision agreement. The Control Architect is not responsible in any way for examining or approving site (lotting) plans or working drawings with respect to any zoning or building code or permit matter or that any house can be properly built or located on its lot.

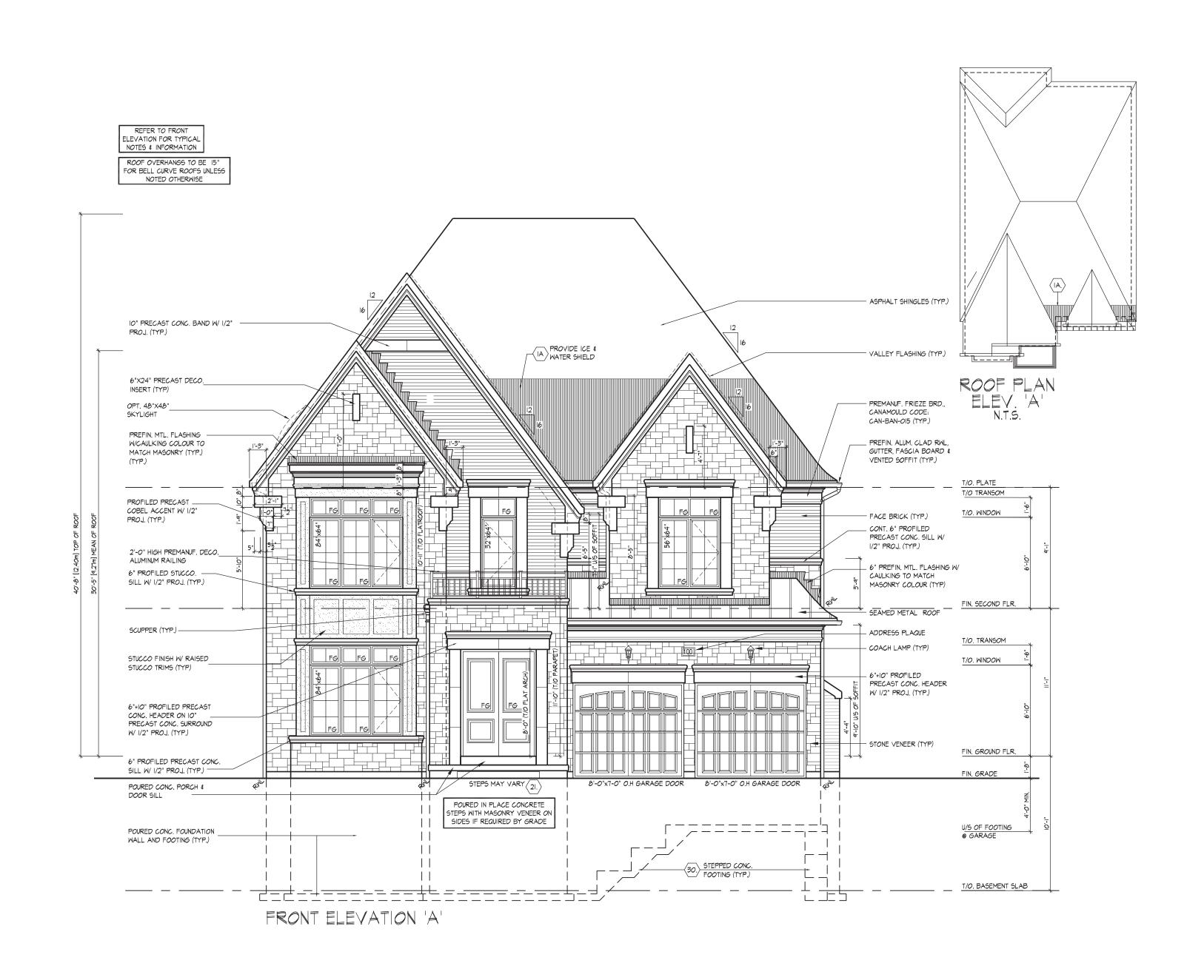
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JOHN G. WILLIAMS LTD., ARCHITECT

APPROVED BY: _

DATE: <u>AUG 08, 2022</u>

REV.2022.08.0



JOHN G. WILLIAMS LTD., ARCHITECT
ARCHITECTURAL CONTROL REVIEW
AND APPROVAL

APPROVED BY:

DATE: AUG 08. 2022

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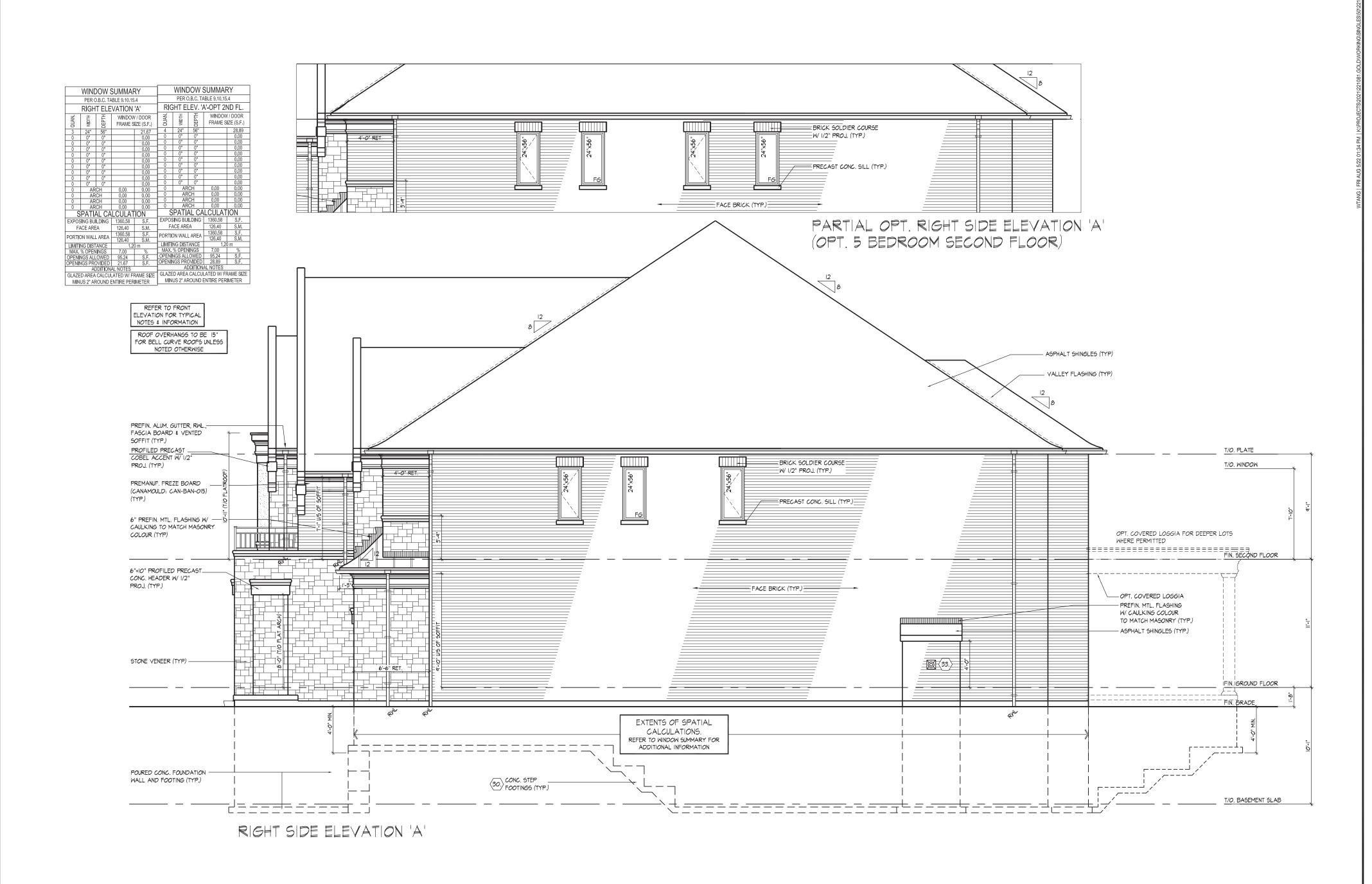
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LEFT SIDE ELEVATION, EL.'A'
HOMES UNIT 5012 THE UNDERSIGNED HAS REVIEWED AND TAKES RESPONSIBILITY FOR THIS DESIGN AND HAS PINE VALLEY PH.2 - GOLDPARK HOMES THE QUALIFICATIONS AND MEETS THE REQUIREMENTS SET OUT IN THE ONTARIO BUILDING CODE TO BE A DESIGNER. VAUGHAN, ONTARIO aw **HUNT LU** Allan Whiting Drawn By File Number 221081WS5012.DWG NAME REGISTRATION INFORMATION AW 3/16"=1'-0" www.huntdesign.ca 8966 Woodbine Ave, Markham, ON L3R 0J7 T 905.737.5133 F 905.737.7326 HUNT DESIGN ASSOCIATES INC.

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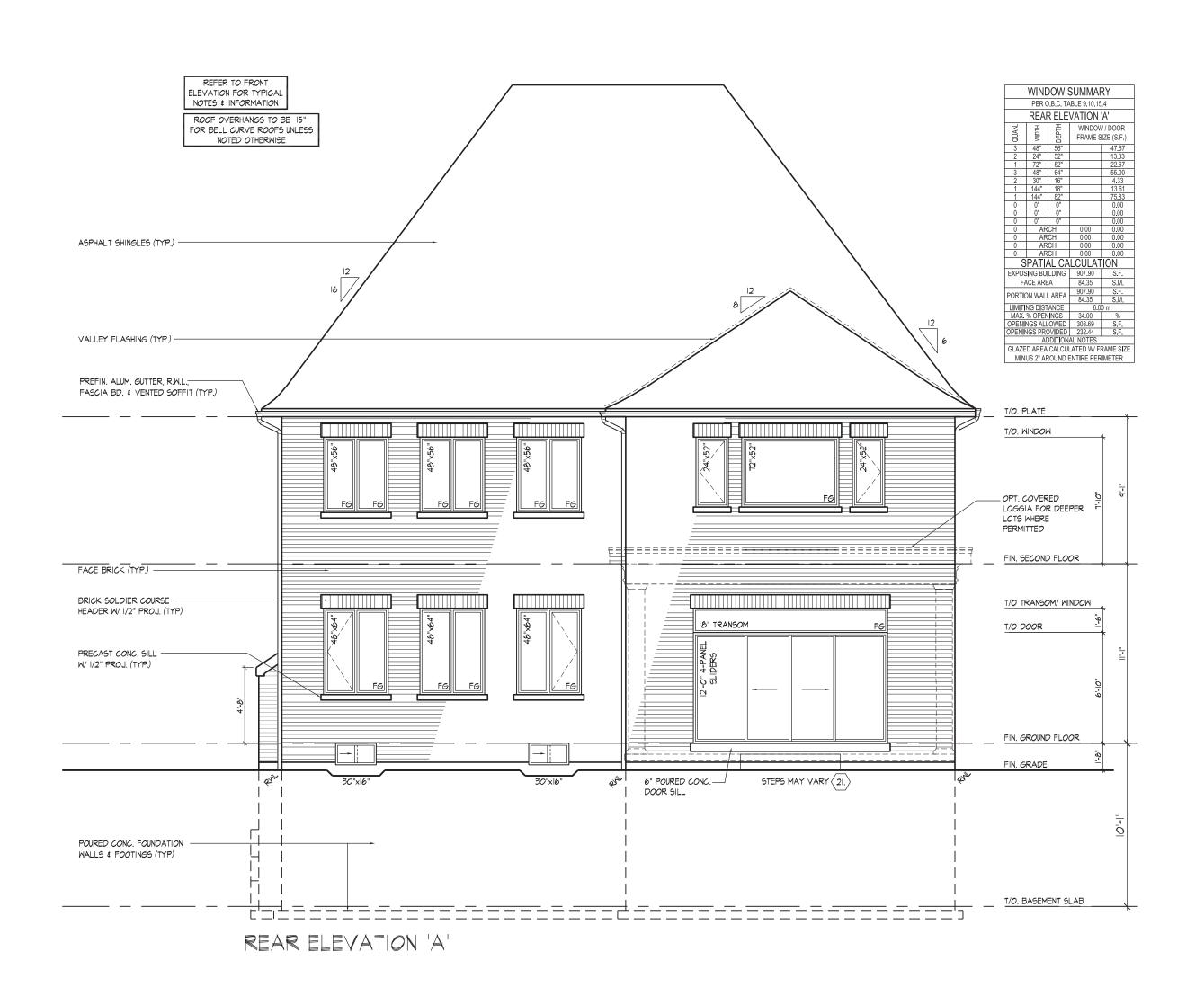
RIGHT SIDE ELEVATION, EL.'A'
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QUALIFICATION INFORMATION VAUGHAN, ONTARIO aw HUNTUU Allan Whiting Drawn By Checked By Scale
AW 3/16"=1'-0" NAME REGISTRATION INFORMATION 8966 Woodbine Ave, Markham, ON L3R 0J7 T 905.737.5133 F 905.737.7326 HUNT DESIGN ASSOCIATES INC. www.huntdesign.ca

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11 of 22

File Number 221081WS5012.DWG



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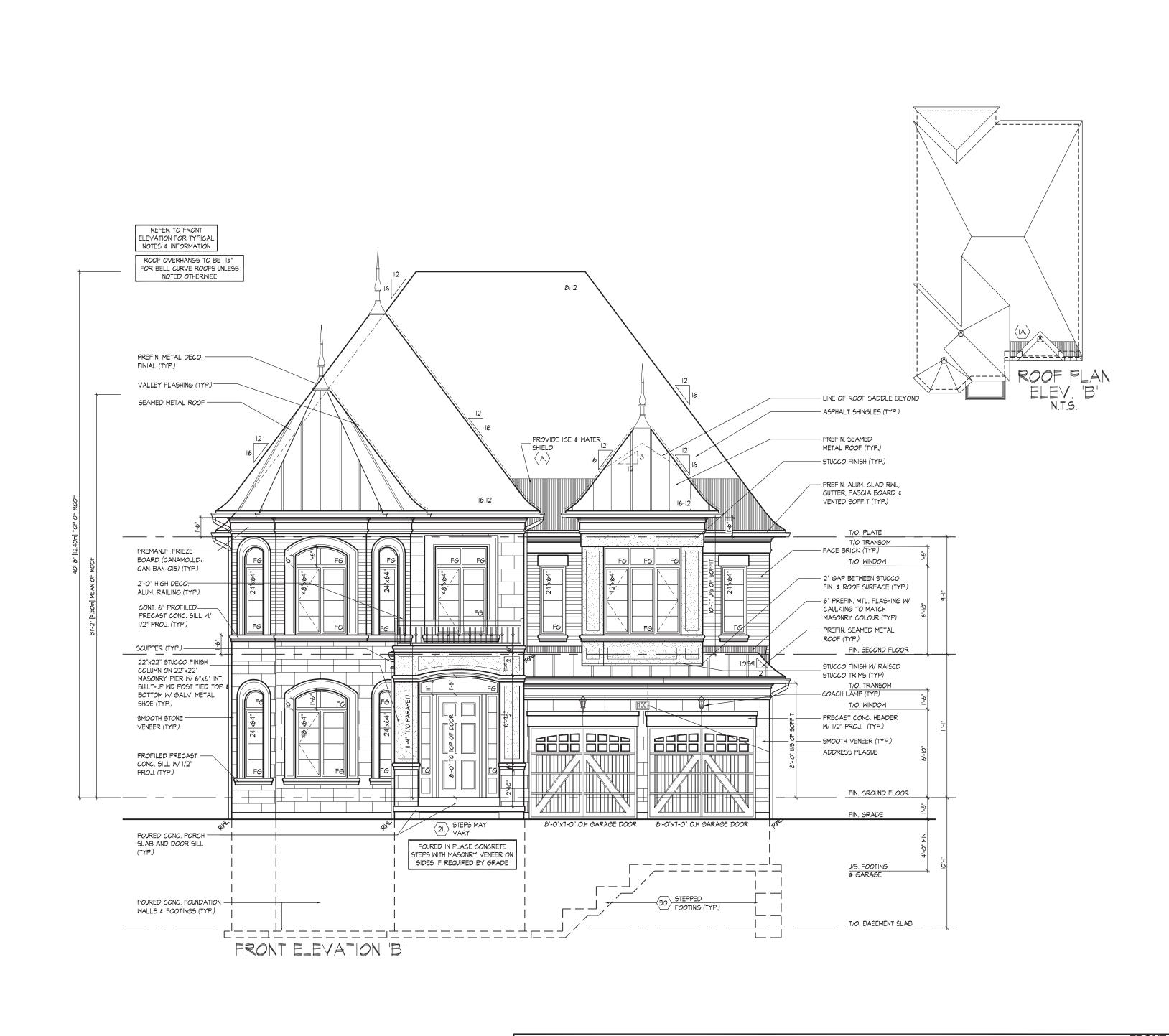
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	TAKES RESPONSIBILITY FOR THIS DESIGN AND HAS EQUIREMENTS SET OUT IN THE ONTARIO BUILDING			PINE VA	LLEY PH	1.2 - GOLD	PARK HOMES	UNIT 501
CODE TO BE A DESIGNER. QUALIFICATION INFORMATION	W 23177		HUNTIII	VAUGHAN	I, ONTARIO	0		REV.2022.08.0
Allan Whiting	20177			Drawn By	Checked By	Scale	File Number	Page Num
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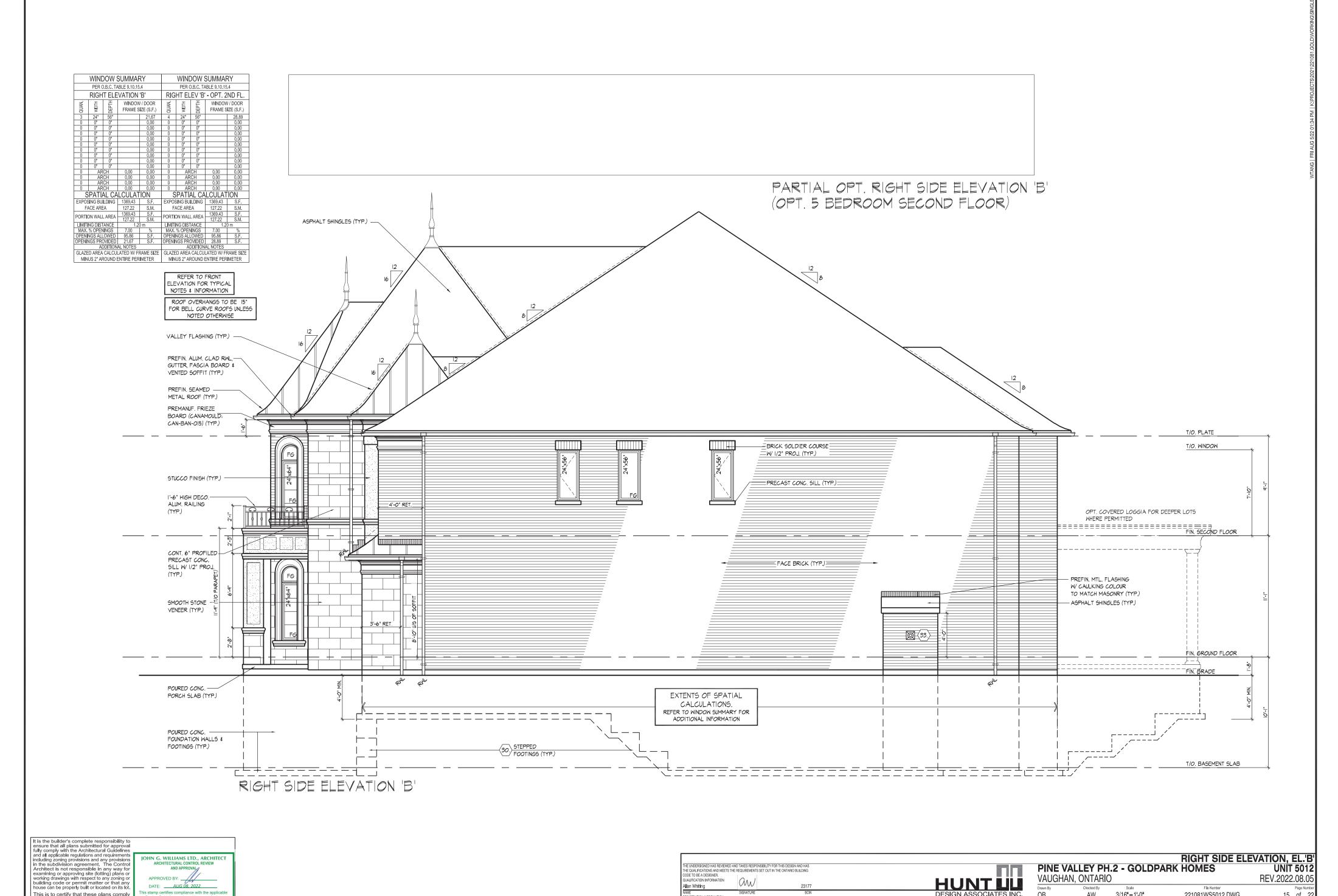
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ALLAN, PLEASE CHECK.. SPATIALS EXCEEDS ?????



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							LEFT SIDE ELE	VATION,	EL.'B'
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Allan Whiting	202	23177		Drawn By	Checked By	Scale	File Number		Page Number
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aw

Allan Whiting
NAME
REGISTRATION INFORMATION

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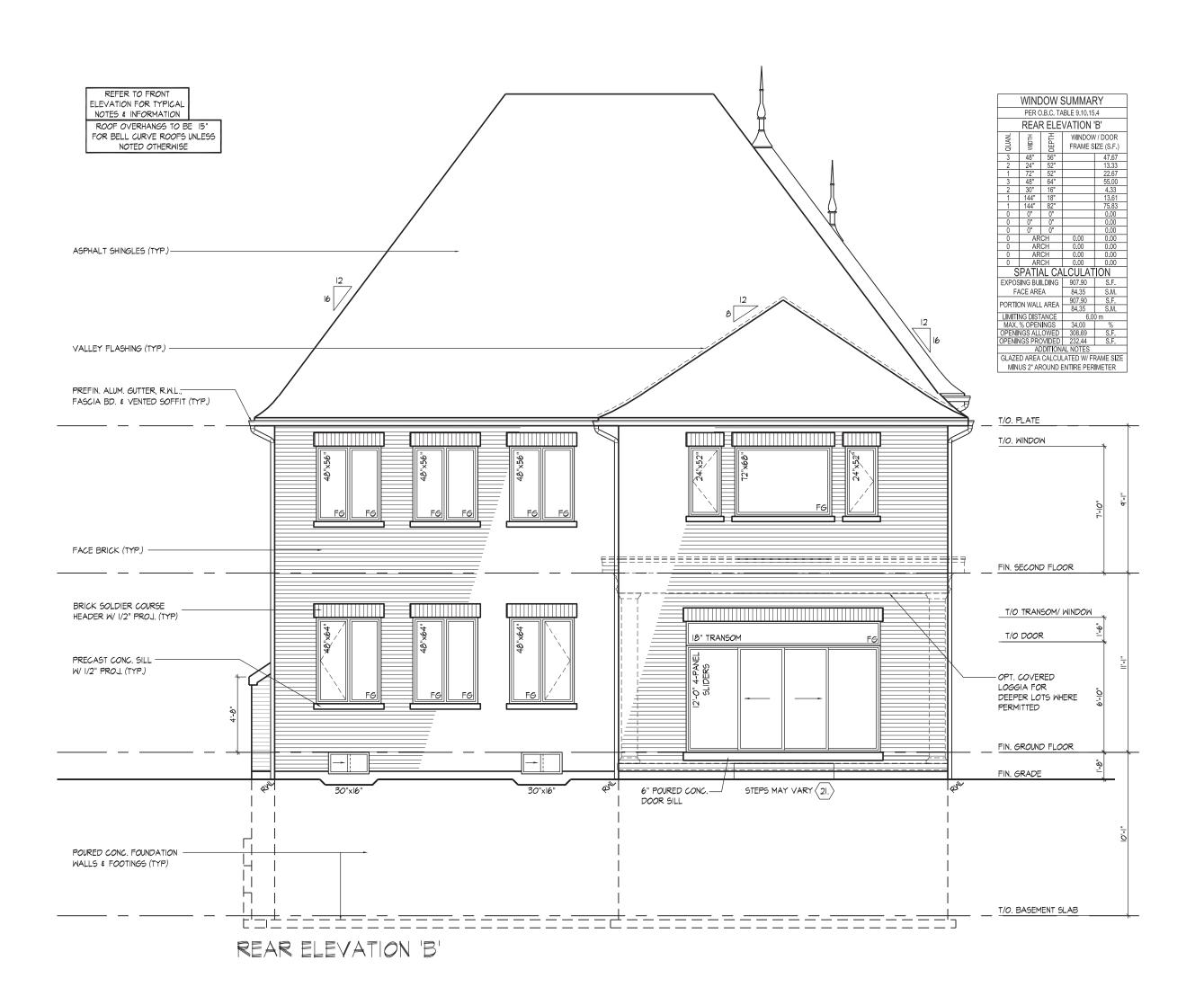
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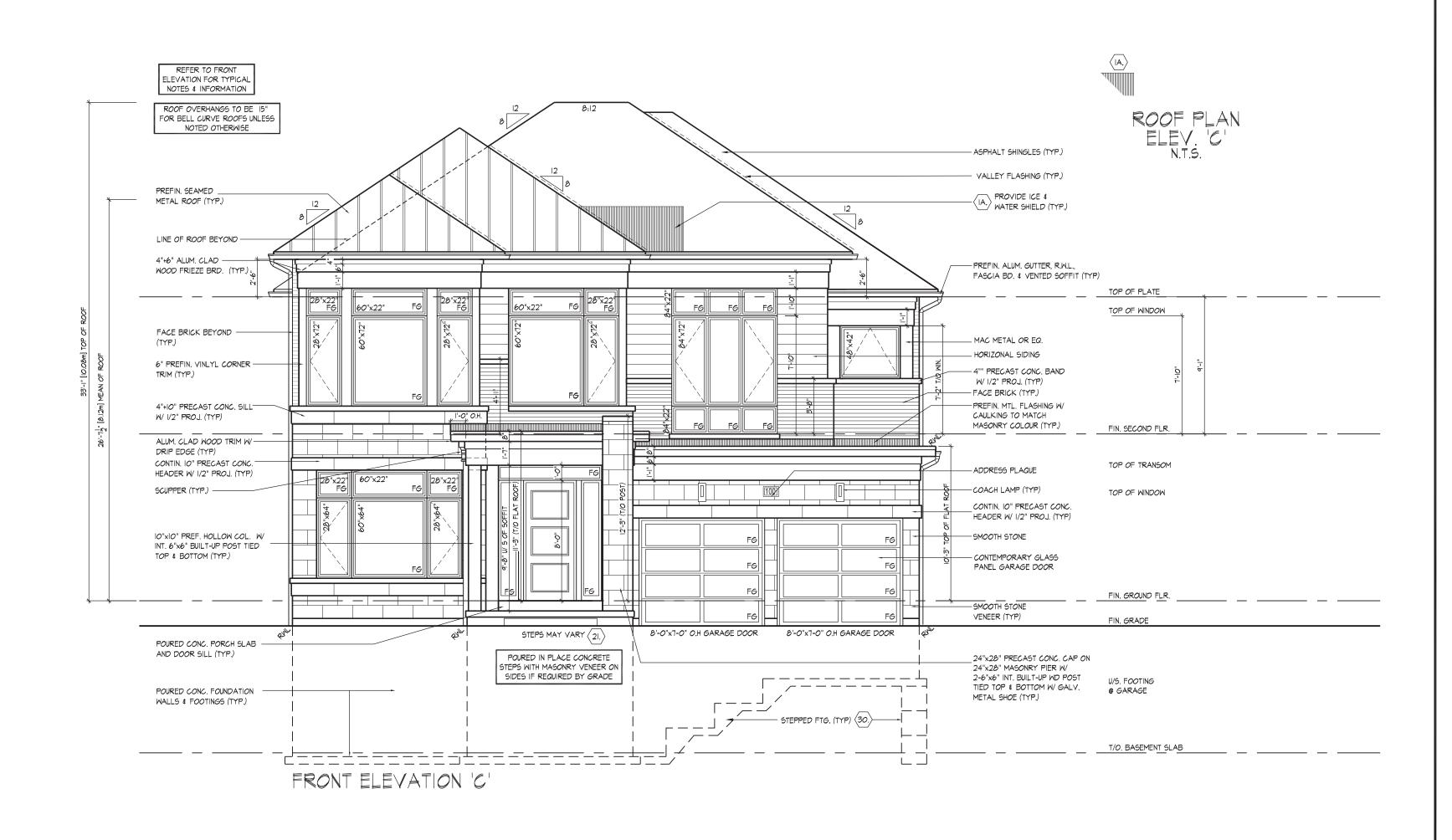
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						REAR ELE	VATION, EL.'B
THE UNDERSIGNED HAS REVIEWED AND TAKES RESPO THE QUALIFICATIONS AND MEETS THE REQUIREMENTS			PINE \	/ALLEY Ph	1.2 - GOL	DPARK HOMES	UNIT 5012
CODE TO BE A DESIGNER. QUALIFICATION INFORMATION Allan Whiting		HUNTÜÜ	VAUGH	an, ontari	0		REV.2022.08.05
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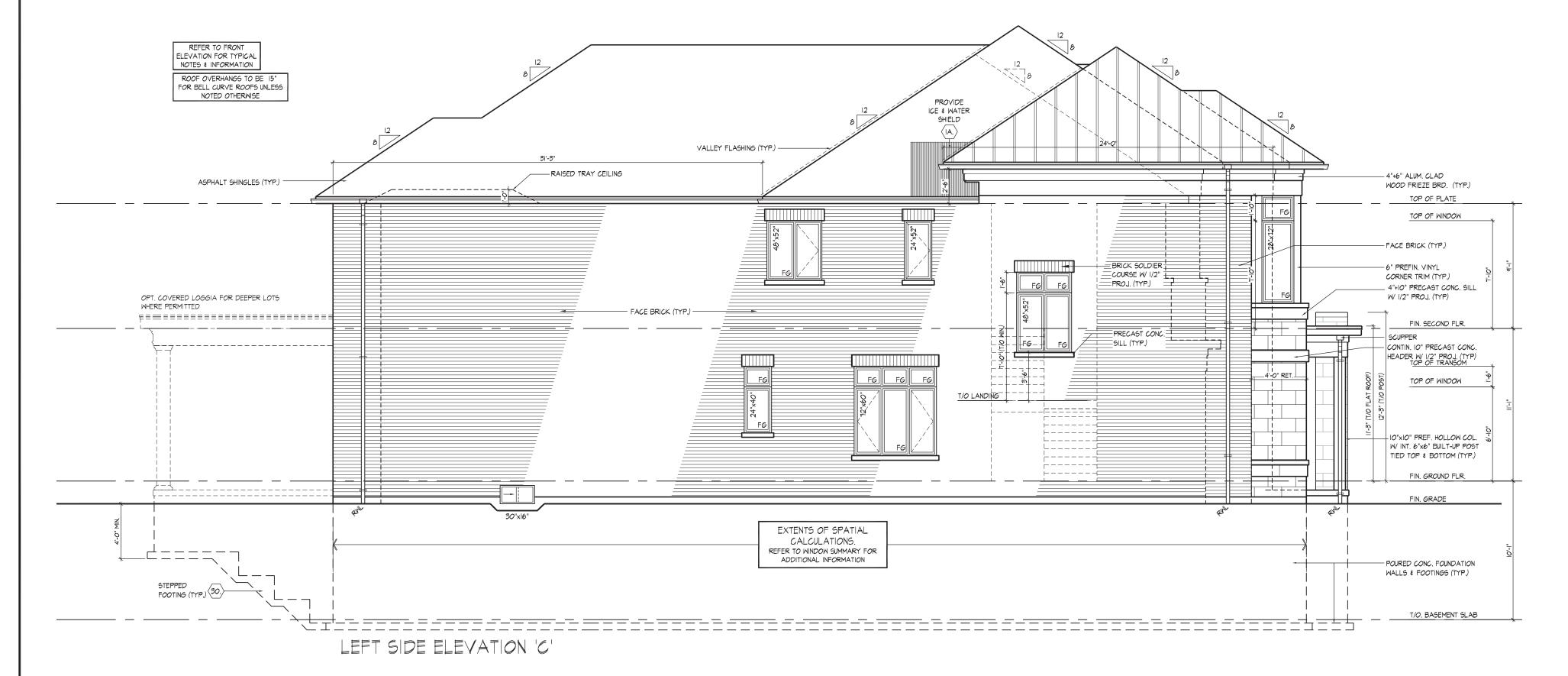
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THE UNDERSIGNED HAS REVIEWED AND TAKES RESPONSIBILITY FOR THIS DESIGN AND HEAT THE REQUIREMENTS SET OUT IN THE ONTARIO BUILDING COCK TO BE A DESIGNARY OF A

	WINDOW SUMMARY					WINI	OW S	SUMMAF	RY	
			BLE 9.10.15					BLE 9.10.15	• •	
	LEF	T ELE\	/ATION '	C'	LE	FT EL	EV 'C'	- OPT 2N	ID FL.	
QUAN.	WIDTH	DEPTH		/ / DOOR IZE (S.F.)	QUAN.	WIDTH	DEPTH	WINDOV FRAME S		
1	72" 60" 26.44 1 72" 60"			26.44						
1	24"	40"		5.00	1	24"	40"		5.00	
2	48"	52"		29.33	3	48"	52"		44.00	
1	24"	52"		6.67	1	24"	52"		6.67	
1	30"	16"		2.17	1	30"	16"		2.17	
1	24"	18"		1.94	1	24"	18"		1.94	
1	72"	18"		6.61	1	72"	18"		6.61	
1	48"	18"		4.28	1	48"	18"		4.28	
1	28"	94"		15.00	1	28"	94"		15.00	
0	0"	0"		0.00	0	0"	0"		0.00	
0	AR	RCH	0.00	0.00	0	AR	.CH	0.00	0.00	
0		RCH	0.00	0.00	0	ARCH		0.00	0.00	
0		RCH	0.00	0.00	0		.CH	0.00	0.00	
0	AR	RCH	0.00	0.00	0	AR	.CH	0.00	0.00	
S	PATI	AL CA	LCULAT	ION	S	PATI	AL CA	LCULAT	ION	
EXPOS	SING BU	ILDING	1605.01	S.F.	EXPOSING BUILDING 1605.01 S.					
F.	ACE ARE	ĒΑ	149.11	S.M.	F/	ACE ARE	ĒΑ	149.11	S.M.	
DODTI	ON WAL	LADEA	1605.01	S.F.	DODTI	ON WALI	ADEA	1605.01	S.F.	
PORTI	JN WAL	LAKEA	149.11	S.M.	PURIL	JN WAL	LAKEA	149.11	S.M.	
LIMITI	NG DIST	TANCE	1.2	0 m	LIMITI	NG DIST	ANCE	1.2		
MAX.	% OPEN	VINGS	7.00	%	MAX.	% OPEN	INGS	7.00	%	
OPENI	OPENINGS ALLOWED 112.35			S.F.		NGS ALI		112.35	S.F.	
OPENIN	PENINGS PROVIDED 97.44 S.F.			S.F.	OPENI	NGS PRO		112.11	S.F.	
	ADDITIONAL NOTES					AI	DOITION	AL NOTES		
	LAZED AREA CALCULATED W/ FRAME SIZI					E GLAZED AREA CALCULATED W/ FRAME SIZE				
MIN	US 2" AF	Round E	ENT I RE PER	METER	MIN	US 2" AF	ROUND E	ENT I RE PER	IMETER	

PARTIAL OPT. LEFT SIDE ELEVATION 'C' (OPT. 5 BEDROOM SECOND FLOOR)



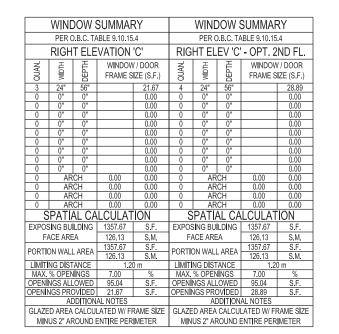
It is the builder's complete responsibility to ensure that all plans submitted for approval fully comply with the Architectural Guidelines and all applicable regulations and requirements including zoning provisions and any provisions in the subdivision agreement. The Control Architect is not responsible in any way for examining or approving site (lotting) plans or working drawings with respect to any zoning or building code or permit matter or that any house can be properly built or located on its lot. This is to certify that these plans comply This is to certify that these plans comply with the applicable Architectural Design Guidelines approved by the City of ERIN.

JOHN G. WILLIAMS LTD., ARCHITECT DATE: <u>AUG 08, 2022</u>

LEFT SIDE ELEVATION, EL.'C' HOMES UNIT 5012 THE UNDERSIGNED HAS REVIEWED AND TAKES RESPONSIBILITY FOR THIS DESIGN AND HAS PINE VALLEY PH.2 - GOLDPARK HOMES THE OULDERGOINED HAS REFIERED AND FARCE RESPONSIBILITY FOR THIS DESIGN AND HAS THE QUALIFICATIONS AND MEETS THE REQUIREMENTS SET OUT IN THE ONTARIO BUILDING CODE TO BE A DESIGNER.

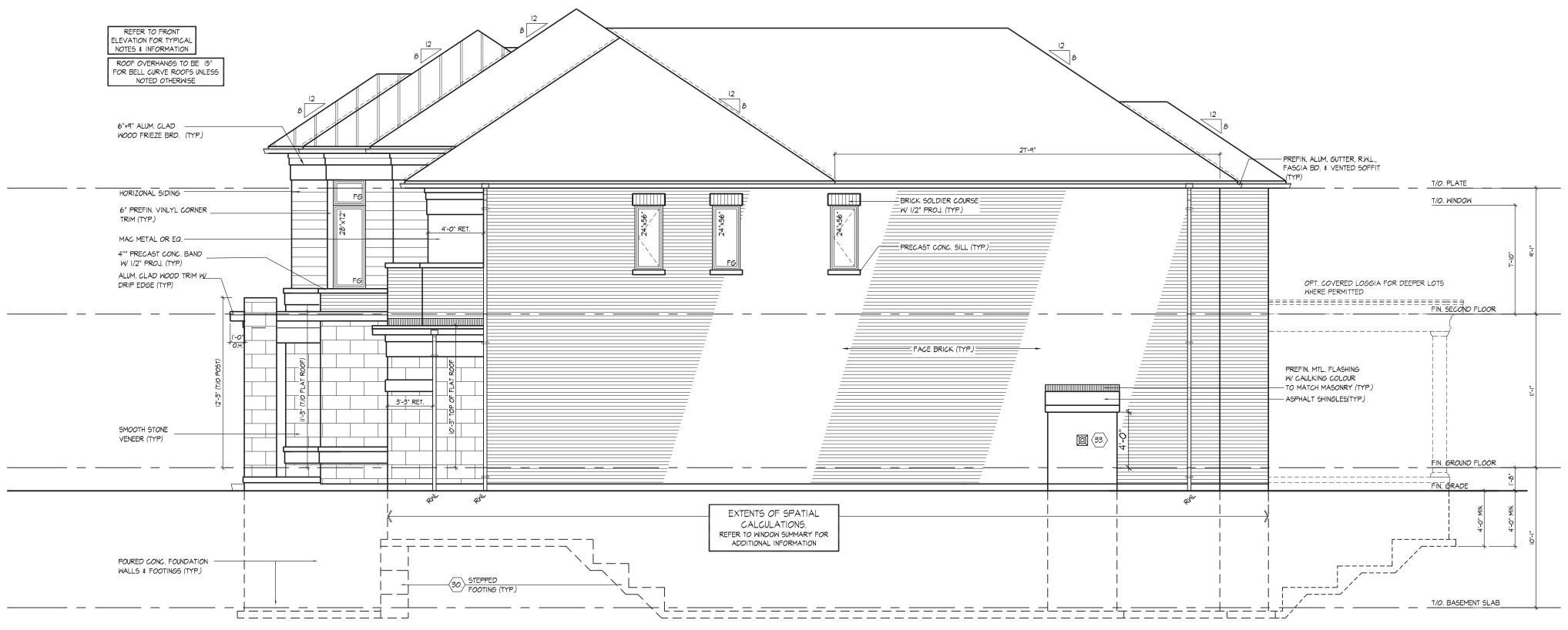
QUALIFICATION INFORMATION VAUGHAN, ONTARIO aw **HUNT LU** Allan Whiting
NAME
REGISTRATION INFORMATION Drawn By File Number 221081WS5012.DWG Checked By Scale
AW 3/16"=1'-0" 8966 Woodbine Ave, Markham, ON L3R 0J7 T 905.737.5133 F 905.737.7326 www.huntdesign.ca HUNT DESIGN ASSOCIATES INC.

REV.2022.08.05





(OPT. 5 BEDROOM SECOND FLOOR)

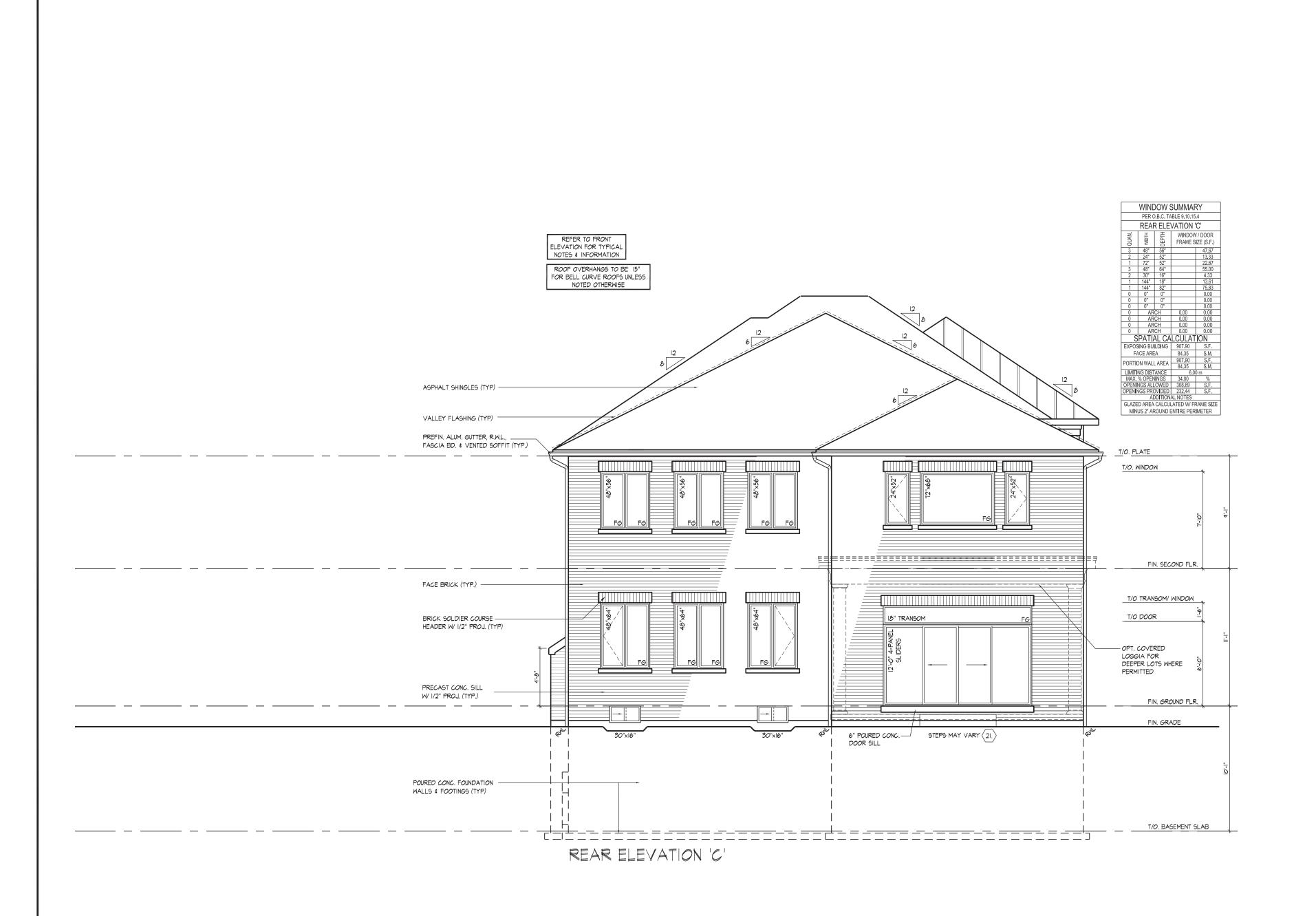


RIGHT SIDE ELEVATION 'C'

It is the builder's complete responsibility to ensure that all plans submitted for approval fully comply with the Architectural Guidelines and all applicable regulations and requirements including zoning provisions and any provisions in the subdivision agreement. The Control Architect is not responsible in any way for examining or approving site (lotting) plans or working drawings with respect to any zoning or building code or permit matter or that any house can be properly built or located on its lot. This is to certify that these plans comply This is to certify that these plans comply with the applicable Architectural Design Guidelines approved by the City of ERIN.

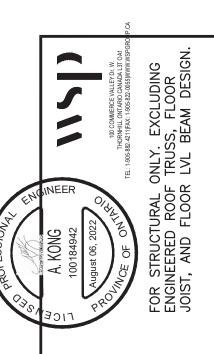
JOHN G. WILLIAMS LTD., ARCHITECT This stamp certifies compliance with the applicable Design Guidelines only and bears no further professional responsibility.

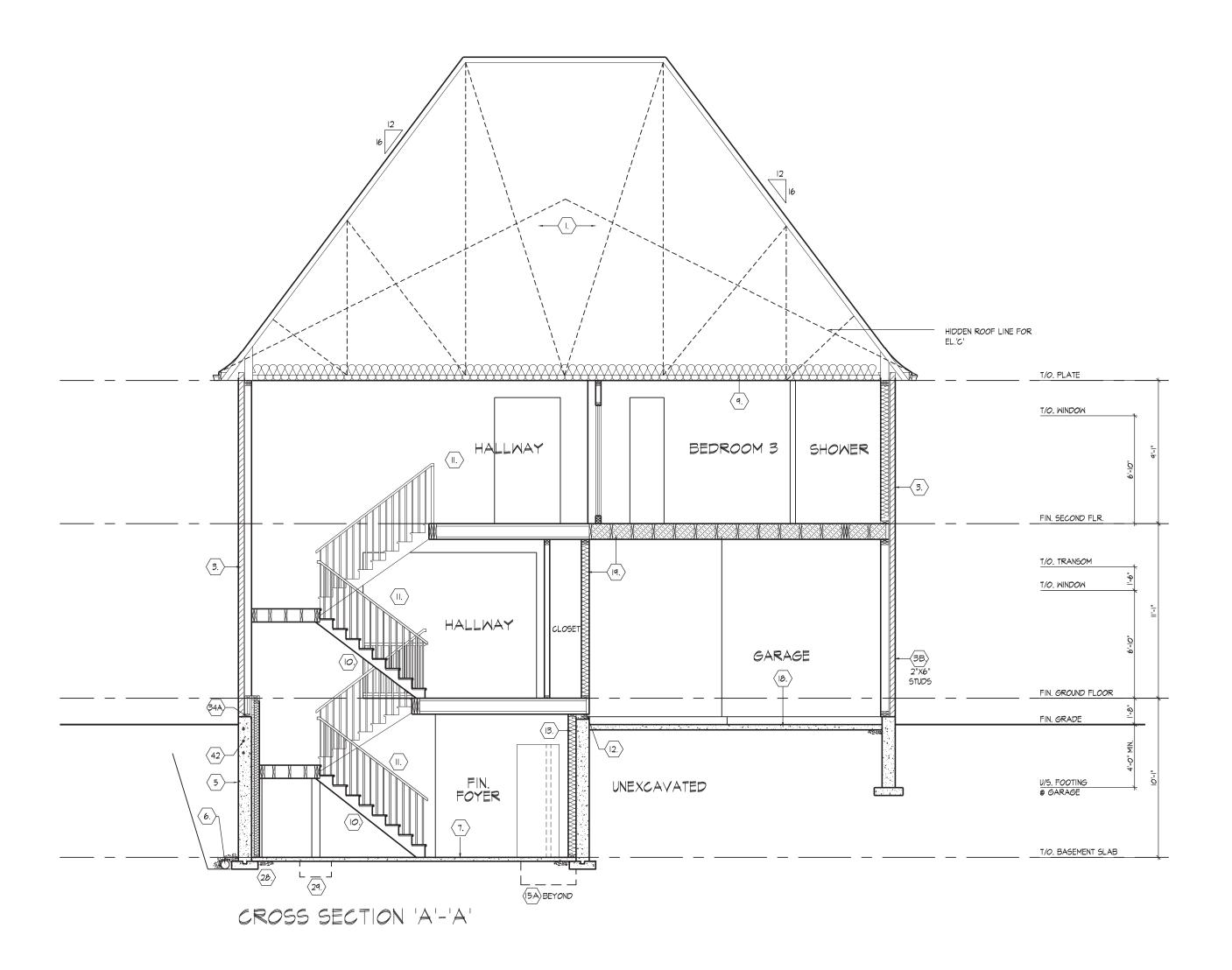
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JOHN G. WILLIAMS LTD., ARCHITECT
ARCHITECTURAL CONTROL REVIEW DATE: <u>AUG 08, 2022</u>

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HUNT DESIGN ASSOCIATES INC.	19695	www.huntdesign.ca	8966 Woodb	oine Ave, Markham,	ON L3R 0J7	T 905.737.5133 F 905.737.7326		
All drawings specifications related documents and der	sign are the copyright property of Hunt Design Associate	es (H.D.A). Reproduction of this property in whole or in part is strictly prohibited without H.D.A	A.'s written permissio	on (H.D.A. assumes no re	sponsibility or liability	for this property unless it bears the appropriate BCIN number	and original signature.	

INSULATED CEILING AREA WITH MIN. 25% OR REQUIRED OPENINGS LOCATED AT TOP OF SPACE & MIN. 25% OF REQUIRED OPENINGS LOCATED AT BOTTOM OF SPACE. EAVESTROUGH TO BE 4" MIN. WITH RWL DISCHARGING ONTO CONCRETE SPLASH PADS OR PER MUNICIPAL REQUIREMENTS. TOWNHOUSES TO HAVE 5" MIN. EAVESTROUGH WITH ELEC. TRACED HEATER CABLE ALONG EAVESTROUGH AND DOWN RWL.

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 L 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, 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.) SIDING WALL CONSTRUCTION (2'x6') W/ CONTIN. INSULATION SIDING MATERIAL AS PER ELEVATION ATTACHED TO FURRING MEMBERS ON APPROVED AIRWATER 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 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

PPROVED SHEATHING PAPER ON 3/8" (9.5) EXTERIOR TYPE SHEATHING C TUDS CONFORMING TO O.B.C (9.23.10.1.) & SECTION 1.1.,1/2" (12.7) GYPS WALLBOARD INTERIOR FINISH. (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.)

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 ONFÒRM WITH 9.20.9. ON ÀPPROVED SHEATHING PAPER. 3/8" (9.5) EXTERIOR TYP SHEATHING, STUDS CONFORMING TO 0.B.C (9.23.10.1.) & SECTION 1.1., INSULATION AND 6 mil POLYETHYLENE VAPOUR BARRIER WITH APPROVED CONTIN. AIR BARRIER. 1/ 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) 3A BRICK VENEER WALL CONSTRUCTION (2"x6") W/ CONTIN, INSULATION TIES TO CONFÓRM WITH 9.20.9. ÒN ÁPPROVED 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 mill 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) OVER RIGID INSULATION (9.20.13.6.) (REFER TO 35 NOTE AS REQUIRED)
- 3B 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

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 TOREY 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 "LATE. 1/2" (12.7) INT. DRYWALL BOTH SIDES OF STUDS, PROVIDE 2"x6" (38x140) STUDS WHERE NOTED. PROVIDE 2"x4" (38x89) @ 24" (610) O.C. LADDER FRAMING 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 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 CONT. AIR BARRIER. 1/2" (12.7) GYPSUM WALLBOARD INT. FINISH. (9.23.)

4B EXT. LOFT WALL CONSTRUCTION (2"x6") NO CLADDING W/ CONTINUOUS INSULATION

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) 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 CONT. AIR BARRIER. 1/2" (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 ND BRUSH COAT FROM THE TOP TO 2" BELOW GRADE. PROVIDE A DRAINAGE I AYFR ON THE OUTSIDE OF THE FOUNDATION WALL. SEAL THE DRAINAGE LAYER 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, NGINEERED 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

ŀ	HEIGHT UNLESS OTHERWISE NOTED. [9.15.4.2.(1.)]									
UNREINFORCED SOLID CONCRETE FOUNDATION WALLS (9.15.4										
ſ	STRENGTH	ESS	MAX	MAX. HEIGHT FROM FIN. SLAB TO GRADE						
1		THICKNESS	UNSUPPORTED	Sl	JPPORTED AT TO)P				
	ST		AT TOP	≤2.5m	>2.5m & ≤2.75m	>2.75m & ≤3.0m				
ſ	МРа	* 8"	3'-11" (1.20m)	7'-0" (2.15m)	7'-0" (2.15m)	6'-10" (2.10m)				
1		10"	10"	4'-7" (1.40m)	7'-6" (2.30m)	8'-6" (2.60m)	8'-2" (2.50m)			
1	£ 12		4'-11" (1.50m)	7'-6" (2.30m)	8'-6" (2.60m)	9'-3" (2.85m)				
	МРа	* 8"	3'-11" (1.20m)	7'-6" (2.30m)	7'-6" (2.30m)	7'-2" (2.20m)				
		10"	4'-7" (1.40m)	7'-6" (2.30m)	8'-6" (2.60m)	9'-3" (2.85m)				
- 1	0	4.01	41.4411.(4.50)	71.01.(0.00)	OLCIL (O.COma)	OLOIL (O. O.Cea.)				

| □ | 12" | 4'-11" (1.50m) | 7'-6" (2.30m) | 8'-6" (2.60m) | 9'-3" (2.85m) \star 9" MIN. THICK FOUNDATION WALL IS REQUIRED FOR MASONRY VENEEF FINISHED EXTERIOR WALLS WITH CONTINUOUS INSULATION CONDITION. TO PROVIDE MIN. BEARING FOR SILL PLATES, BEAMS AND FLOOR JOIST AS PER 923.7.2. 9.23.8.1. 8.9.23.9.1. OF THE O.B.C.

3.23.7.2., 3.23.0.1., 0 3.23.3.1. OF THE O.D.O.							
MINIMUM STRIP FOOTING SIZES (9.15.3.) UNLESS NOTED OTHERWISE ON PLANS							
NUMBER FLOORS SUPPORTING INT. SUPPORTING SUPPORTING SUPPORTING SUPPORTING PARTYWALLS EXTERIOR 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 WHERE THE TOP OF THE FOUNDATION WALL IS REDUCED IN THICKNES: PERMIT THE INSTALLATION OF MASONRY EXTERIOR FACING, THE REDU SECTION SHALL BE NOT LESS THAN 3 1/2" (90) THICK. THE BRICK VENEER SHALL 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

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 BE NOT MORE THAN 13 3/4" (350) HIGH & NOT LESS THAN 3 1/2" (90) THICK (9.15.4.7(1))

BETWEEN WALL AND BRICK VENEER (9.15.4.7(2)(3) & 9.20.9.4(3))

- 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 BELOW SLAB. PROVIDE 1/2" (12.7) IMPERVIOÙS 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 CANT. JOIST.
- 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)

	MAX, RISE	MIN, F	RISE	MAX. RUN	MIN. RUN	ALL STAIRS		
PRIVATE	7 7/8 (200)	(200) 5" (1:		14" (355)	10" (255)	MAX. NOSING	1* (25)	
PUBLIC	7º (180)	5" (12	25)	NO LIMIT	11" (280)	INFA, NOONG	. (20)	
	MIN. STAIR	WIDTH	П	TAPERED T	READS			
PRIVATE	2-10 (8	20)	- N	IIN. RUN	5 7/8° (150)			
PHIVAIE	2-10 (0	uuj	MIN	. AVG. RUN	10 (255)			
PUBLIC	2-11 (9	00)	- N	MN, RUN	5 7/8° (150)			
LODFIC	2 11 (500)		MIN	. AVG. RUN	11" (280)			

AVERAGE RUN OF TAPERED TREAD MEASURED AT A POINT 300mm FROM THE CENTERLINE OF INSIDE HANDRAIL. (9.8.4.3.) OF INSIDE PARAMEL. (9.0.4.3.)
*** HEIGHT OVER STAIRS (HEADROOM) IS MEASURED VERTICALLY ACROSS WIDTH OF 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) FOR EVERYTHING ELSE. (9.8.2.2.)

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 REQUIRED GUARDS

ETWEEN WALKING SURFACE & ADJACENT SURFACE WITH A DIFFERENCE IN ELEVATION MORE THAN 23 5/8" (600) OR ADJACENT SURFACE WITHIN 3'-11" (12 & WALKING SURFACE W/ A SLOPE MORE THAN 1 IN 12 SHALL BE PROTECTED WITH GUARDS PER CONSTRUCTION HEX NOTE 1: 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) MAX. HEIGHT AT STAIRS, RAMP AND LANDING: 3'-6" (1070)

SILL PLATES

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.)

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 THE FOUNDATION WALL AND INSULATION UP TO GRADE LEVEL.

BEARING STUD PARTITION IN BASEMENT (9.15.3.6., 9.23.10.1.) 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" (12.7) Ø ANCHOR BOLTS 8" (200) LONG, EMBEDDED 4" (100) MIN. INTO CONC. © 7'-10" (2390) O.C. 4" (100) HIGH CONC. CURB ON CONC. FOOTING, FOR SIZE REFER TO HEX 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 6"x6"x3/8" (152x152x9.5) STEEL PLATE TOP & BOTTOM. FIELD WELD BASEMENT COLLIMN CONNECTION POLISED CONCRETE FOOTING ON NATURA 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 FUR LOAD PROVIDE 34"x34"x16" (870x870x410) CONC. FOOTING

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

15A) NON-ADJUSTABLE STEEL BASEMENT COLUMN 3 1/2" (90)Ø x 0.188" (4.78) NON-AD II ISTARI F STEEL COLLIMAN V

1/2" (90)Ø x 0.188" (4.78) NON-ADJUSTABLE STEEL COLUMN WITH 6"x6"x3/8" (152x152x9.5) ANCHORS. FIELD WELD BASEMENT COLUMN CONNECTION. POURED CONCRETE FOOTING ON NATURAL LINDISTURBED SOIL OF 125KPA S.L.S. OR COMPACT 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 1/0" (90)00 v 0 188" (4 79) NON AD 1107101 TO 12

- 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" (152x100x9.5) BOTTOM PLATE. BASE (2-12.7Øx305x50). FIELD WELD COLUMN TO BASE PLATE & STEEL BM.
- STEEL BEAM BEARING AT FOUNDATION WALL (9.23.8.1.) BEAM POCKET OR 8"x8" (200x200) POURED CONC. NIB WALLS, MIN. BEARING 3 1/2" (90). CONC. NIB WALLS TO HAVE EXTENDED FOOTINGS
- 1"x3" (19x64) CONTIN. WOOD STRAPPING BOTH SIDES OF STEEL BEAM. **GARAGE SLAB** (9.16., 9.35.) " (100) 32MPa (4640psi) CONC. SLAB WITH 5-8% AIR ENTRAINMENT ON OPT. " (100) COARSE GRANULAR FILL WITH COMPACTED SUB-BASE OR

WOOD STRAPPING AT STEEL BEAMS (9.23.4.3.(3.), 9.23.9.3.)

- COMPÁCTED NATIVE FILL, SLOPE TO FRONT @ 1% MIN. (9) GARAGE TO HOUSE WALLS/CEILING (9.10.9.16.) " (12.7) GYPSUM BOARD ON WALL AND CEILING BETWEEN HOUSE AND RAGE, PLUS REQUIRED INSULATION IN WALLS AND SPRAY FOAM FOR CEILINGS, TAPE AND SEAL ALL JOINTS GAS TIGHT, (9.10.17.10, CAN/ULC-S705,
- GARAGE TO HOUSE WALLS/CEILING W/ CONTIN. INSULATION 1/2" (12.7) GYPSUM BOARD ON CEILING AND ON WALLS INSTALLED OV EXTERIOR TYPE RIGID INSULATION (JOINTS UNTAPED) MECHANICALLY EASTENED AS PER MANUEACTURER'S SPECIFICATIONS ON 3/8" EXTERIOR GRADE SHEATHING ON STUDS BETWEEN HOUSE AND GARAGE, PLU 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.) AS-PROOF DOOR AND FRAME. DOOR EQUIPPED WITH SELF CLOSING

EXTERIOR AND GARAGE STEPS

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 STAIRS WITH MORE THAN 2 RISERS AND 2 TREADS SHALL BE PROVIDED WITH FOUNDATION AS REQUIRED BY ARTICLE 9.8.9.2. OR SHALL BE CANTILEVERED

DRYER EXHAUST

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) ABOVE THE 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) (305x305x15.9) STEEL PLATE FOR STEEL BEAMS AND 12"x12"x1/2" (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 OOD BEARING WALLS, THE UNDERSIDE OF BUILT-UP WOOD POSTS AND SILLS SHALL BE WRAPPED WITH 2 mil POLY, STRIP FOOTINGS SUPPORTING THE FOUNDATION WALL SHALL BE WIDENED 6" (152) BELOW THE BEARING WALL AND/OR WOOD POST. (9.17.4.3.)
- 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 (4640psi) WITH 5-8% AIR ENTRAINMENT ON

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.) &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. ALL 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 & HAVING A MASS OF NOT LESS THAN 1.22 KG/M2 OF WALL SURFACE AND 1/2" (12.7) TYPE X GYPSUM WALL BOARD 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 0.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 0.55 MINUTES OF THAN 1.55 MINUTES OF THE THAN 1.55 MINUTES OF THAN 1.55 MINUTES OF THE THAN 1.55 MINUTES OF (130cm²) SHALL NOT BE CONSIDERED AN UNPROTECTED OPENING AS PER

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"x6" (38x140) @ 16" (406)
 O.C. FOR MAX. SPAN 14-7" (4450), RAFTERS FOR BUILT UP ROOF OVER
 PRE-ENGINEERED ROOF TRUSSES AND OR CONVENTIONAL FRAMING TO
 BE 2"x4" (38x89) @ 24" (610) O.C. UNLESS OTHERWISE SPECIFIED.



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

cont. SECTION 1.0. CONSTRUCTION NOTES

39	TWO ST	OREY VOL	.UME SPA	CES (9.23	3.10.1., 9.23.1	1., 9.23.16.)		
<u></u>	WALL AS	SEMBLY	WIND LOADS					
	EXTER I OR	STUDS	<= 0.5	kPA (q50)	> 0.5 kPa (q50)			
	EXTENION		SPACING	MAX HEIGHT	SPACING	MAX HEIGHT		
	BRICK	2-2"x6" (2-38x140)	12" (305) O.C.	18'-4" (5588)	8" (200) O.C.	18'-4" (5588)		
	SIDING	SPR.#2	16" (406) O.C.	18'-4" (5588)	12" (305) O.C.	18'-4" (5588)		
	BRICK	2-2"x8" (2-38x184)	12" (305) O.C.	21'-0" (6400)	12" (305) 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.

| SIDING | SPR.#2 | 16" (406) O.C. | 21'-0" (6400) | 16" (406) O.C. | 21'-0" (6400)

** STUD SIZE & SPACING TO BE VERIFIED BY STRUCTURAL ENGINEER **

- 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. 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 OR FURRED WITH 2"x2" (38x38) WD. STRAPPING & 1/2" (12.7) GYPSUM SHEATHING.
- 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 FROM ROCK, SLAG OR GLASS. TAPE FILL AND SAND ALL GYPSUM JOINTS.
- 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 0.B.C (9.23.10.1.) & SECTION 1.1., INSULATION, APPROVED 6 MIL. POLYETHYLENE VAPOUR BARRIER, 1/2" (12 WALLBOARD INT. FINISH. (REFER TO 35 NOTE AS REQUIRED)
- STUCCO WALL CONSTRUCTION (2"x6") W/ CONTIN. INSUL. 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 APPROVED AIRWATER BARRIER AS PER O B APPROVED DIAINAGE WIND APPROVED AIRWAI EN BARRIER AS PER 0.5.0.
 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. O 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 REC WALLDOAND IN: FINISH, INCEPEN TO 35 NOTE AS A 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 BRD
- 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.C. 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 SE PROVIDE STUD WALL REINFORCEMENT IN MAIN BATHROOM CONFORMING TO O.B.C. (9.5.2.3.(1)) (REFER TO DETAILS)
- 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.) 45 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 NOTED) W/ 2"x2" (38x38) PURLINS @ 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 IN FINISH OR APPROVED EQ. INSULATION VALUE DIRECTLY ABOVE THE INNER SURFACE OF EXTERIOR WALLS SHALL NOT BE LESS THAN R20 (3.52 RSI).
- 46 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 (38x184) FLOOR JOISTS @ 16" (406) O.C. (UNLESS OTHERWISE NOTED). BUILT CURB TO BE 4" (100) MIN. ABOVE FINISHED BALCONY FLOOR. CONTINUOUS 'I PANEL FOR UNDERSIDE OF SOFFIT (9.23.2.3). REMOVE CURB WHERE BEQ. BALCONY CONDITION NT 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. RFFFR TO PLANS FOR FLOOR JOIST SIZE & REFER TO HEX NOTE 9 FOR INSULATION AND

BARREL VAULT CONSTRUCTION CANTILEVERED 2"x4" (38x89) SPACERS LAID FLAT ON 2"x10" (38x235) SPR. #2 BOOF JOIST NAILED TO BUILT-LIP 3-3/4" (19) PLYWOOD HEADER PROFILED FOR INTERIOR FIN. (REFER TO DETAILS)

INDERSIGNED HAS REVIEWED AND TAKES RESPONSIBILITY FOR THIS DESIGN AND HA

aw

DE TO BE A DESIGNER.

STRATION INFORMATION

HUNT DESIGN ASSOCIATES INC

Allan Whiting

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.

SECTION 1.1. WALL STUDS

REFER TO THIS CHART FOR STUD SIZE & SPACING AS REQUIRED FOR EXTERIOR WALLS ONLY. REFER TO SITING & GRADING PLAN OF THIS UNIT FOR CONFIRMATION 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.

SIZE & SPACING OF STUDS: (OBC REFERENCE - TABLE 9.23.10.1.) ROOF W/ OR ROOF W/ OR W/O ROOF W/ OR W/O ATTIC ATTIC & 1 FLOOR ATTIC & 2 FLOOR ATTIC & 3 FLOOR | MAX. UNSUPPORTED HGT., ft-in (m) | 24" (610) | 16" (405) | 12" (305) | 9-10" (3.0) | 9-10" (3.0) | 9-10" (406) | - 24" (610) | 16" (406) | - 9-10" (3.0) | 11-10" (3.6) |

SECTION 2.0. GENERAL NOTES

O HAVE AT LEAST ONE OUTSIDE WINDOW W/ MIN. 0.35m2 UNOBSTRUCT PORTION W/ NO DIMENSION LESS THAN 1'-3" (380). CAPABLE OF MAINTAINING THE DPENING WITHOUT THE NEED FOR ADDITIONAL SUPPORT, CONFORMING TO 9.9.10.) 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 IS LOCATED LESS THAN 11-7" (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 TO WITHSTAND THE SPECIFIED LOADS FOR BALCONY GUARDS AS PROVIDED IN 4.1.5.15 OR 9.8.8.2

FPT WHERE A DOOR ON THE SAME FLOOR LEVEL AS THE BEDROOM PROVIDES

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

2.2. CEILING HEIGHTS

THE CEILING HEIGHTS OF ROOMS AND SPACES SHALL CONFORM TO TABLE 9.5.3.1. 7-7" OVER 75% OF REQUIRED FLOOR AREA WITH A CLEAR HEIGHT OF 6-11" AT ANY POINT -7" OVER 50% OF REQUIRED FLOOR AREA OR 6'-11" OVER ALL OF THE REQUIRED FLOOR AREA.

EXCEPT THAT UNDER BEAMS AND DUCTS THE LEARANCE IS PERMITTED TO BE REDUCED TO 6'-5". 6'-11" IN ANY AREA WHERE A PERSON WOULD BATHROOM, LAUNDR' 6'-11" ABOVE & BELOW FLOOR ASSEMBLY (9.5.3.2.) MEZZAN**I**NES STORAGE GARAGE

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 OURS. WHEN A VENTILATION FAN (PRINCIPAL EXHAUST) IS REQUIRED, CONFORM O OBC 9.32.3.4. WHEN A HRV IS REQUIRED, CONFORM TO 9.32.3.11. REFER TO MECHANICAL DRAWINGS. 2) REFER TO HOT WATER TANK MANUFACTURER SPECS. CONFORM TO OBC 9.31.6.

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 REQUIREMENTS OF SB12 - 3.1.1.12. OF THE 0.B.C.

LUMBER SHALL BE SPRUCE No.2 GRADE OR BETTER, UNLESS NOTED OTHERWISE. 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. 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.

5) 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 POLYETHYLF 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.

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

2.8. FLASHING (9.20.13., 9.26.4. & 9.27.3. FLASHING MATERIALS & INSTALLATION SHALL CONFORM TO O.B.C.

) 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 AFFECT ADJACENT PROPERTIES. CONFORM TO 9.14.6.

2.10. ULC SPECIFIED ASSEMBLIES ASSEMBLY, SPECIFIED ASSEMBLIES ALL REQUIRED INDIVIDUAL COMPONENTS THAT FORM PART OF ANY 'ULC LISTED ASSEMBLY, SPECIFIED WITHIN THESE DRAWINGS, CANNOT BE ALTERED OR SUBSTITUTED FOR ANY OTHER MATERIAL/PRODUCT OR SPECIFIED MANUFACTURER THAT IS IDENTIFIED IN THAT 'SPECIFIED ULC LISTING'. THERE SHALL BE NO DEVIATIONS UNDER ANY

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) OBMING 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

		2"x8" SPRUCE #2		2"x10" SPRUCE #2	2"x12" SPRUCE #2				
,	L1	2/2"x8" (2/38x184)	L3	2/2"x10" (2/38x235)	L5	2/2"x12" (2/38x286)			
'	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)	B6	4/2"x12" (4/38x286)			
,	B7	5/2"x8" (5/38x184)	B8	5/2"x10" (5/38x235)	B9	5/2"x12" (5/38x286)			
7		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"			
		3.2. STEEL LIN	TELS	S SUPPORTING MAS	ONF	RY VENEER			

(DIVISION B PART 9, TABLE 9,20,5,2,B,)

l .	TOTIVING TAIT OF SENTENCE 3.20.3.2.(2) & 3.20.3.2.(0)								
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)						

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

EXTERIOR 3'-0" x 6'-8" x 1-3/4" (915 x 2030 x 45) INSULATED MIN. B4 (BSL0.7' EXTERIOR | 2'-6" x 6'-8" x 1-3/4" (760 x 2030 x 45) INSULATED MIN. R4 (RSI 0.7) 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 EXTERIOR | 3'-0" x 8'-0" x 1-3/4" (915 x 2440 x 45) INSULATED MIN. R4 (RSI 0.7) EXTERIOR | 2'-8" x 8'-0" x 1-3/4" (815 x 2440 x 45) INSULATED MIN. R4 (RSI 0.7) XTERIOR | 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 DEVICE

INTERIOR | 2'-6" x 6'-8" x 1-3/8" (760 x 2030 x 35) PROVIDE 8'-0" HIGH 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 DOORS FOR ALL 10' CEILING CONDITIONS INTERIOR | 1'-6" x 6'-8" x 1-3/8" (460 x 2030 x 35)

3.4. ACRONYMS ABOVE FINISHED FLOOR LUST LUCIST FM | BEAM BY FLOOR MANUFACTURER | LIN | LINEN CLOSET OPEN TO BELOW/ABOVE RMI BEAM BY ROOF MANUFACTURER POINT LOAD RF CONVENTIONAL ROOF FRAMING T | PLATE COMPLETE WITH T | PRESSURE TREATED J/TJ DOUBLE JOIST/ TRIPLE JOIST PTD PAINTED O DO OVER PWD | POWDER ROOM RWL RAIN WATER LEADER DROPPED **ENGINEERED** SB | SOLID BEARING WOOD POST SBFA SB FROM ABOVE L FLAT ARCH SJ SINGLE JOIST TSPR | SPRUCE FLOOR DRAIN G FIXED GLASS STL | STEEL FL | FLUSH T/O TOP OF FIR FLOOR TYP TYPICAL J/S UNDERSIDE GIRDER TRUSS HOSE BIB D | WOOD HEAT RETURN VENTILATION UNIT WIC WALK IN CLOSET

T I HOT WATER TANK WP | WEATHER PROOF LL ELECTRICAL FACILITIES SHALL BE INSTALLED IN ACCORDANCE WITH SECTION 9.34. CLASS 'B' VENT S EXHAUST VENT DUPLEX OUTLET (12" HIGH) DUPLEX OUTLET (HEIGHT AS NOTED A.F. HEAVY DUTY OUTLET LIGHT FIXTURE (CEILING MOUNTE POT LIGHT - LIGHT FIXTURE (WALL MOUNTED)

CHANDELIER (CEILING MOUNTED CENTRAL VACUUM OUTLET **SMOKE ALARM** (9.10.19.) PROVIDE ONE PER FLOOR, NEAR THE STAIRS CONNECTING THE FLOOR LEVEL. ALARMS ARE TO BE INSTALLED IN EACH SLEEPING ROOM AND IN A LOCATION BETWEEN SLEEPING ROOMS AND CONNECTING HALLWAYS AND WIRED TO BE INTERCONNECTED DACTIVATE ALL ALARMS IF ONE SOUNDS. ALARMS ARE TO BE CONNECTED TO AN LECTRICAL CIRCUIT AND WITH A BATTERY BACKUP. ALARM SIGNAL SHALL MEET IMPORAL SOUND PATTERNS MIN. ALARMS SHALL HAVE A VISUAL SIGNALLING

"COMPONENT AS PER THE "NATIONAL FIRE ALARM AND SIGNALING CODE 72" CHECK LOCAL BY-LAWS FOR REQUIREMENTS ** A CARBON 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) SHALL BE PERMANENTLY WIRED WITH NO DISCONNECT SWITCH, WITH AN ALARM THAT IS

AUDIBLE WITHIN SLEEPING ROOMS WHEN THE INTERVENING DOORS ARE CLOSED. THE WIDTH OF A WOOD COLUMN SHALL NOT BE LESS THAN THAN THE WIDTH OF SUPPORTED MEMBER. BUILT-UP WOOD COLUMNS SHALL BE NAILED TOGETHER WITH NOT LESS THAN 3" (76) NAILS SPACED NOT MORE THAN 11 3/4" (300) O.C. THE NUMBER OF STUDS IN A WALL DIRECTLY BELOW A GIRDER TRUSS OR ROOF BEAM SHALL CONFORM TO TABLES A-34 TO A-37. (9.17.4., 9.23.10.7.)

TWO STOREY VOLUME SPACE. SEE CONSTRUCTION NOTE 39.

VARYING PLATES, BUILT-OUT FLOORS, BEARING WALLS, ICE & WATER SHIELD

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**

CONTRACTOR MUST VERIFY ALL DIMENSIONS ON THE JOB. REPORT ANY DISCREPANCIES TO HUNT DESIGN ASSOCIATES INC. (H.D.A.I.) BEFORE PROCEEDING WITH THE WORK. ALL THE DRAWINGS & SPECIFICATIONS ARE THE INSTRUMENTS OF SERVICE AND ARE THE PROPERTY OF H.D.A.I. ALL CONSTRUCTION TO ADHERE TO THESE PLANS AND SPECIFICATIONS AND TO CONFORM TO THE ONTARIO BUILDING CODE AND ALL OTHER APPLICABLE CODES AND AUTHORITIES HAVING JURISDICTION. THESE REQUIREMENTS AND STRUCTURE SHAVING JURISDICTION. THESE REQUIREMENTS ARE TO BE TAKEN AS MINIMIL SPECIFICATIONS ONLY REG. 332/10. THESE REQUIREMENTS ARE TO BE TAKEN AS MINIMUM SPECIFICATIONS. O CONSTRUCTION NOTE REVISION DATE: **DECEMBER 15, 2021**

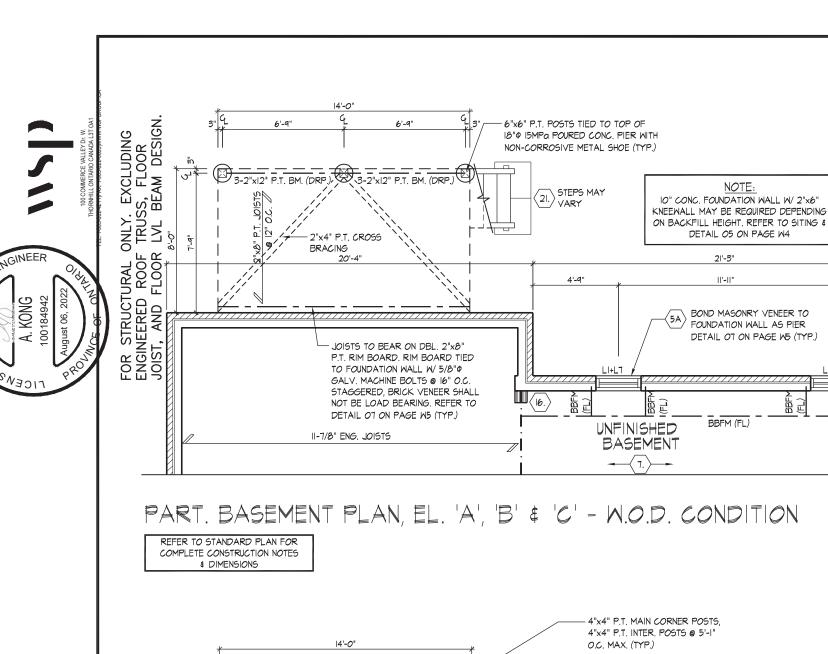
CONSTRUCTION NOTES PINE VALLEY PH.2 - GOLDPARK HOMES VAUGHAN, ONTARIO

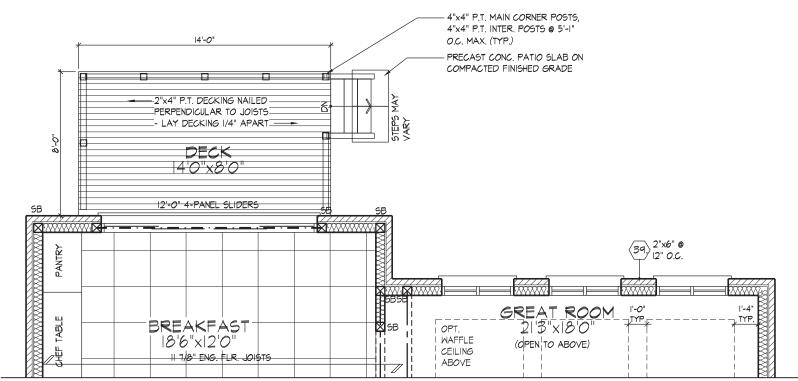
AW 3/16"=1'-0" 221081WS5012.DWG

OB 8966 Woodbine Ave, Markham, ON L3R 0J7 T 905.737.5133 F 905.737.7326 www.huntdesign.ca

REV.2022.08.0 22 of 2

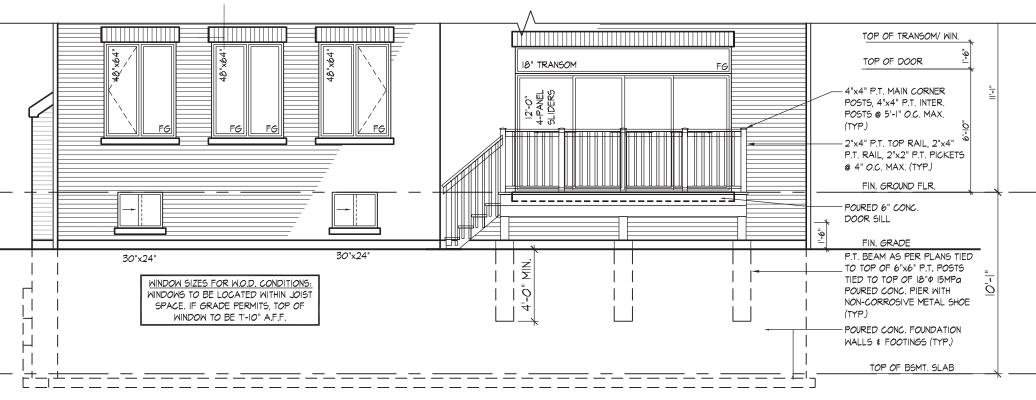
UNIT 501





PART. GROUND FLOOR PLAN, EL. 'A', 'B' & 'C' - W.O.D. CONDITION

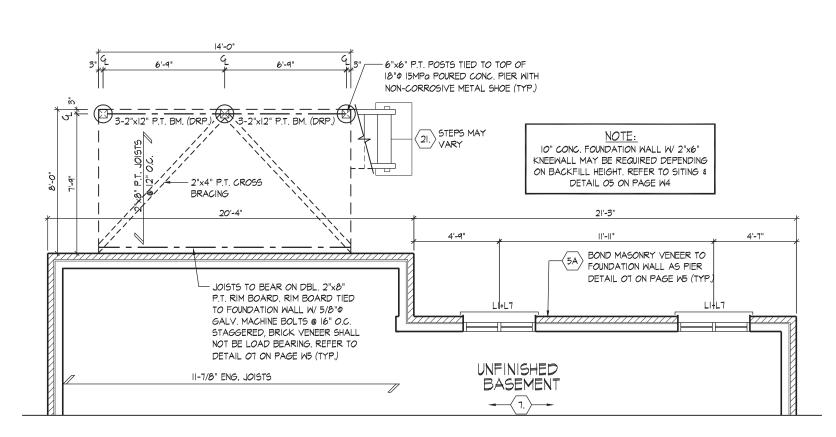
REFER TO STANDARD PLAN FOR COMPLETE CONSTRUCTION NOTES # DIMENSIONS



PART. REAR ELEVATION 'A', 'B' & 'C' - W.O.D. CONDITION

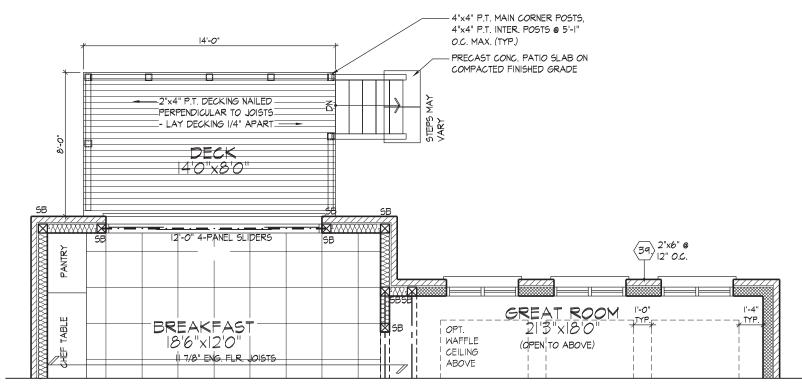
REFER TO FRONT ELEVATION & STANDARD REAR FOR TYPICAL NOTES & INFO.

It is the builder's complete responsibility to ensure that all plans submitted for approval fully comply with the Architectural Guidelines and all applicable regulations and requirements including zoning provisions and any provisions in the subdivision agreement. The Control Architect is not responsible in any way for examining or approving site (lotting) plans or working drawings with respect to any zoning or building code or permit matter or that any house can be properly built or located on its lot. This is to certify that these plans comply with the applicable Architectural Design Guidelines approved by the City of ERIN.



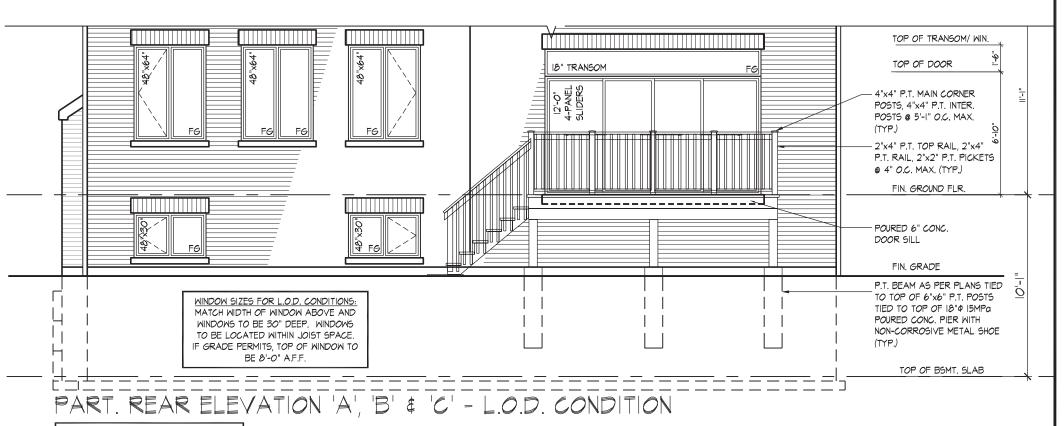
PART. BASEMENT PLAN, EL. 'A', 'B' & 'C' - L.O.D. CONDITION

REFER TO STANDARD PLAN FOR
COMPLETE CONSTRUCTION NOTES
DIMENSIONS



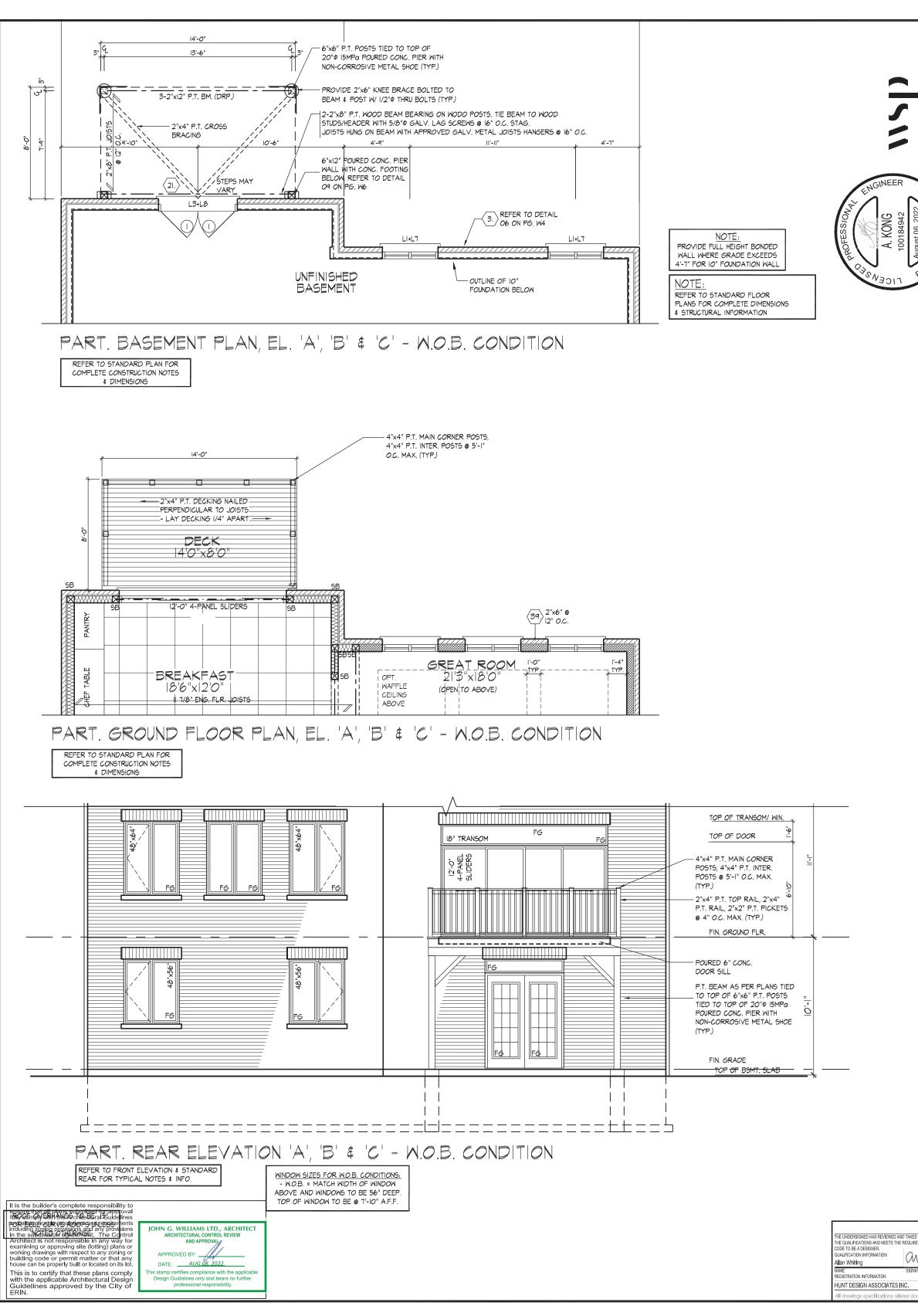
PART. GROUND FLOOR PLAN, EL. 'A', 'B' & 'C' - L.O.D. CONDITION

REFER TO STANDARD PLAN FOR COMPLETE CONSTRUCTION NOTES & DIMENSIONS

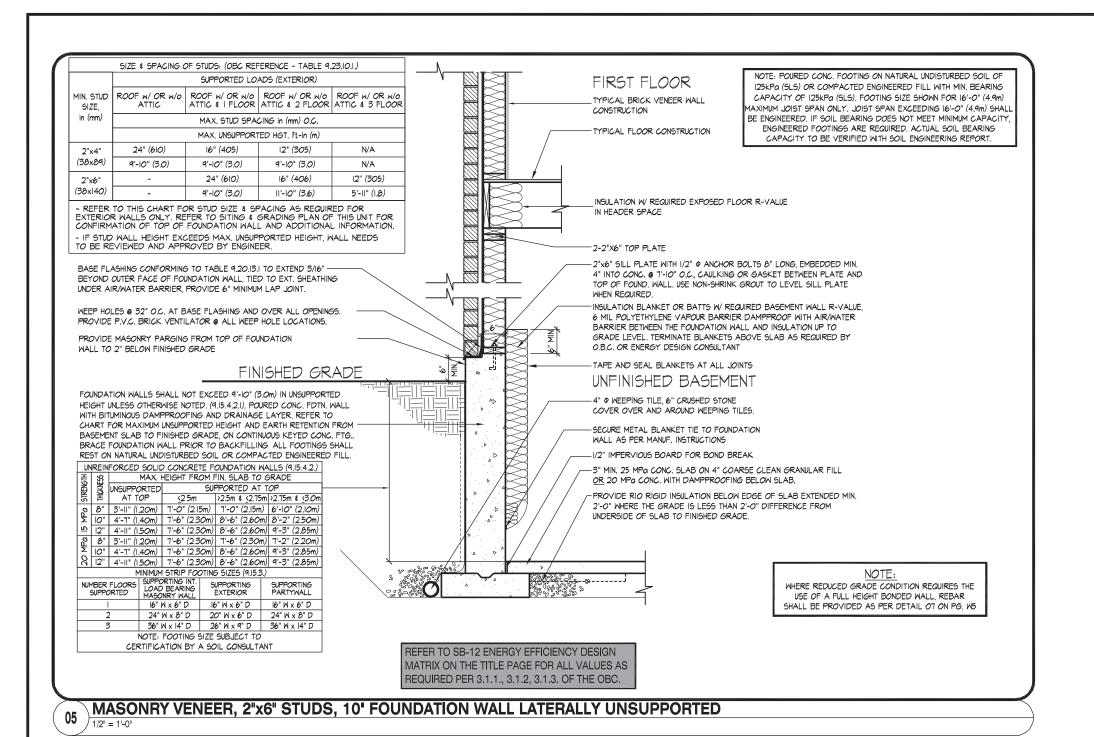


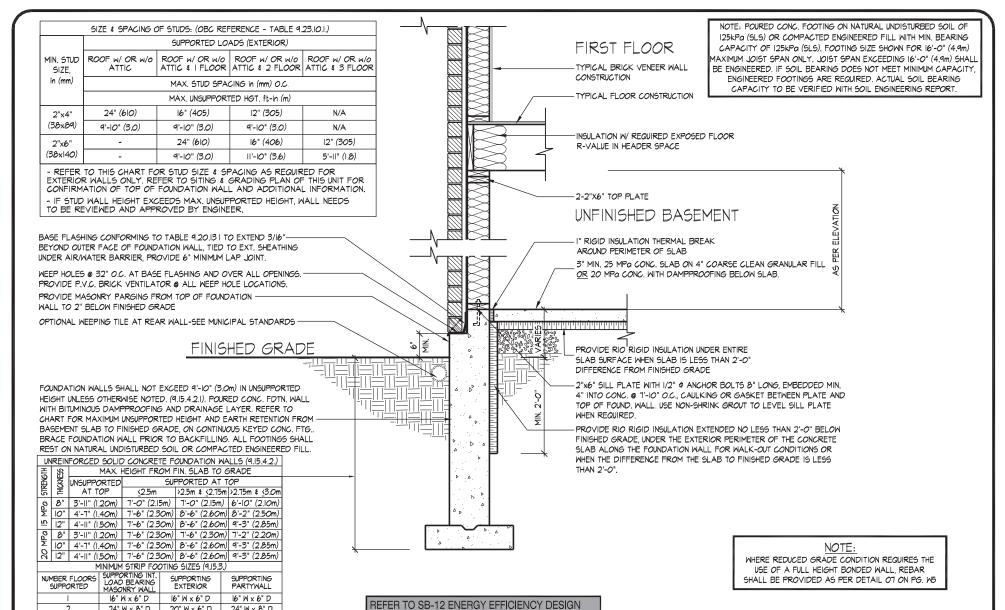
REFER TO FRONT ELEVATION & STANDARD REAR FOR TYPICAL NOTES & INFO.

								CONDITI	<u>ONS</u>
THE UNDERSIGNED HAS REVIEWED AND THE QUALIFICATIONS AND MEETS THE R				PINE V	ALLEY PH	1.2 - GOL	DPARK HOMES	UNIT	5012
CODE TO BE A DESIGNER. QUALIFICATION INFORMATION	aw		HUNTÜÜ	VAUGHA	AN, ONTARI	0		REV.2022.	.08.05
Allan Whiting	SIGNATURE	23177 BGIN		Drawn By	Checked By	Scale	File Number		Page Number
REGISTRATION INFORMATION	SIGNATURE	BCIN	DESIGN ASSOCIATES INC.	ОВ	AW	3/16"=1'-0"	221081WS5012.DWG	W1	of W4
HUNT DESIGN ASSOCIATES IN	C.	19695	www.huntdesign.ca	8966 Woodb	ine Ave, Markham	, ON L3R 0J7	T 905.737.5133 F 905.737.7326		
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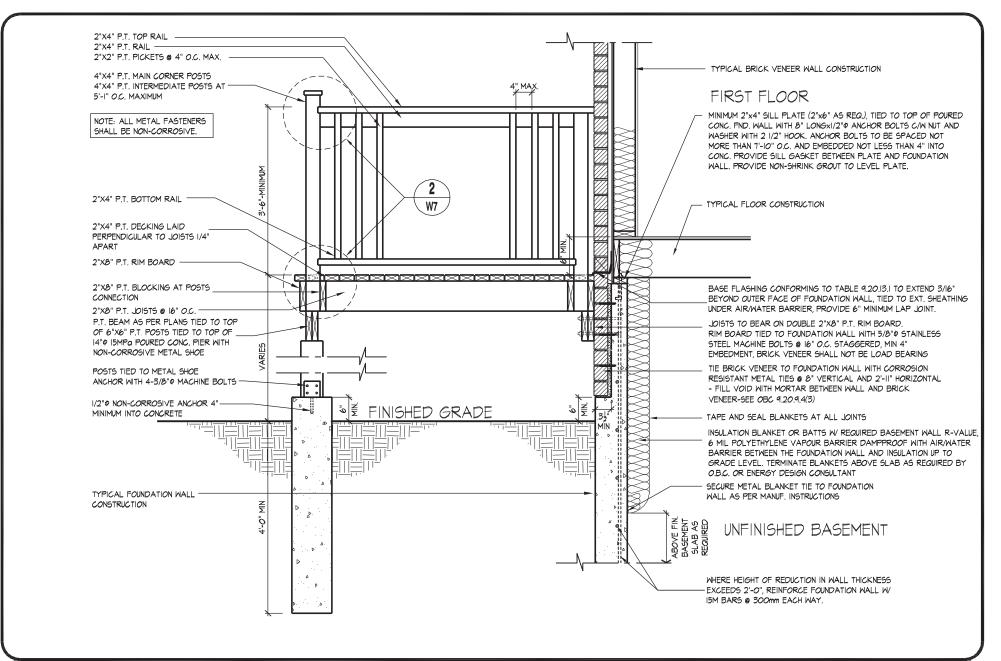


THE UNDERSIGNED HAS REVIEWED AND TAKES RESPONSIBILITY FOR THIS DESIGN AND HAS THE RECURREMENTS SET OUT IN THE ONTARIO BUILDING CODE TO BE A DESIGNER. OUALIFICATION AND MEETS THE RECURREMENTS SET OUT IN THE ONTARIO BUILDING CODE TO BE A DESIGNER. OUALIFICATION INFORMATION AND MEETS THE RECURREMENTS SET OUT IN THE ONTARIO BUILDING CODE TO BE A DESIGNER. OUALIFICATION INFORMATION AS REVIEWED AND TAKES RESPONSIBILITY FOR THIS DESIGN AND HAS THE CURREMENTS SET OUT IN THE ONTARIO BUILDING CODE TO BE A DESIGNER. ON TAKES RESPONSIBILITY FOR THIS DESIGN AND HAS THE CURREMENTS SET OUT IN THE ONTARIO BUILDING SET OUT IN THE ONTARIO BUILDING SET OUT IN THE ONTARIO BUILDING SET OUT IN THE ONTARIO BUILDING SET OUT IN THE ONTARIO BUILDING SET OUT IN THE ONTARIO BUILDING SET OUT IN THE ONTARIO BUILDING SET OUT IN THE ONTARIO BUILDING SET OUT IN THE OU

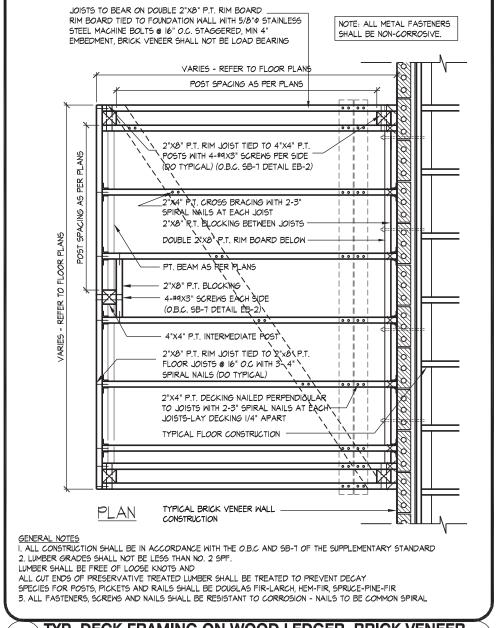




2 24" W x 8" D 20" W x 6" D 24" W x 8" D 20" W x 6" D 24" W x 8" D 24" W x 8" D 24" W x 8" D 24" W x 8" D 26" W x 9" D 36" W x 14" D 26" W x 9" D 36" W x 14" D 26" W x 9" D 36" W x 14" D 26" W x 9" D 36" W x 14" D 26" W x 9" D 36" W x 14" D 26" W x 9" D 36" W x 14" D 26" W x 9" D 36" W x 14" D 26" W x 9" D 36" W x 14" D 26" W x 9" D 36" W x 14" D 26" W x 9" D 36" W x 14" D 26" W x 9" D 36" W x 14" D 26" W x 9" D 36" W x 14" D 26" W x 9" D 36" W x 14" D 26" W x

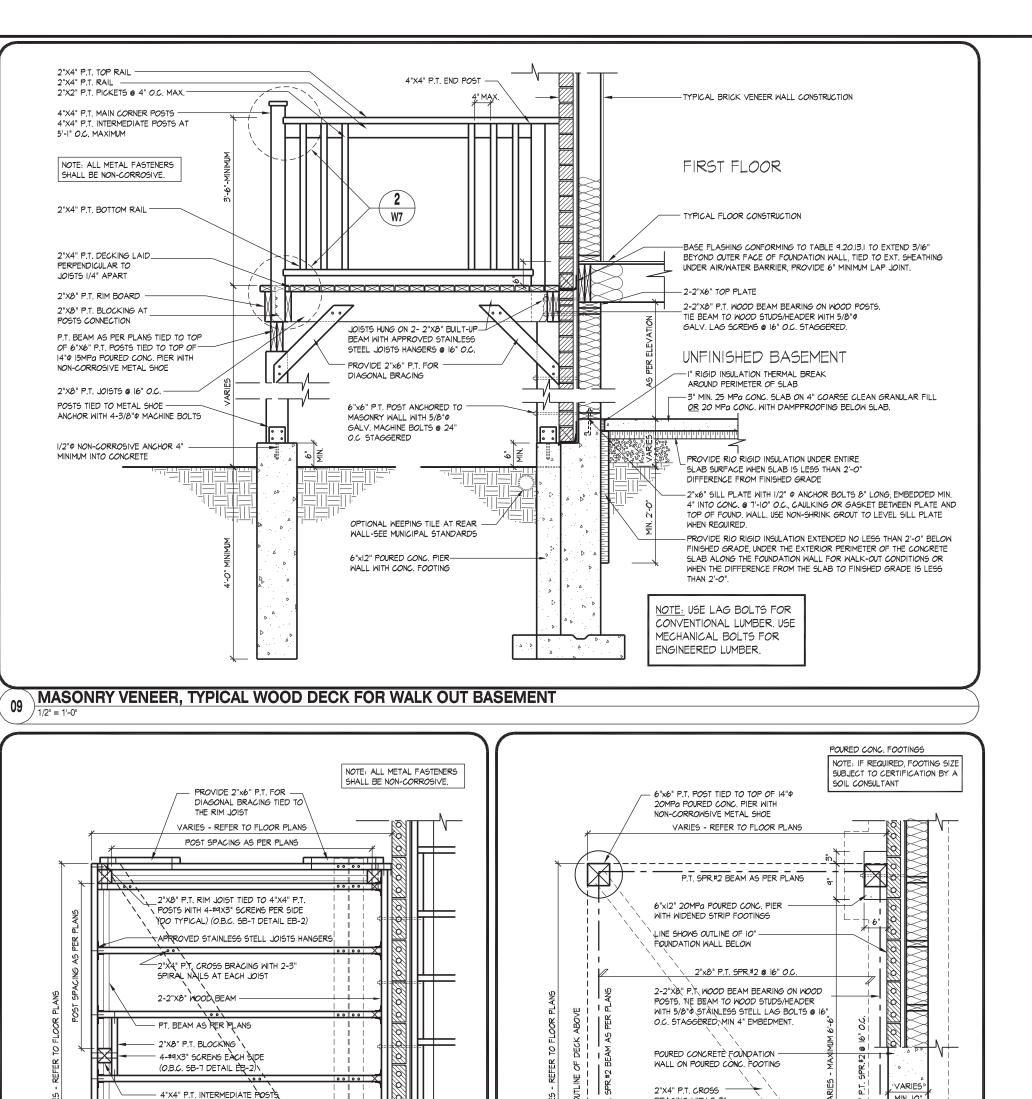


07 MASONRY VENEER, TYPICAL WALK/LOOK OUT WOOD DECK, SOLID MASONRY





DECK DETAILS E LINDERSIGNED HAS REVIEWED AND TAKES RESPONSIBILITY FOR THIS DESIGN AND HA PINE VALLEY PH.2 - GOLDPARK HOMES UNIT 5012 ODE TO BE A DESIGNER. VAUGHAN, ONTARIO REV.2022.08.05 **HUNT LU** Allan Whiting AW 3/16"=1'-0" DESIGN ASSOCIATES INC. OB 221081WS5012.DWG W3 of W4 SISTRATION INFORMATION 8966 Woodbine Ave, Markham, ON L3R 0J7 T 905.737.5133 F 905.737.7326 www.huntdesign.ca HUNT DESIGN ASSOCIATES INC



2"X8" P.T. RIM JOIST TIED TO "X"X8" P.T.

2"X4" P.T. DECKING NAILED PERPENDIQULAR

TO JOISTS WITH 2-3" SPIRAL NAILS AT EACH

FLOOR JOISTS @ 16" O.C WITH 3-4" SPIRAL NAILS (DO TYPICAL)

JOISTS-LAY DECKING 1/4" APART

TYPICAL FLOOR CONSTRUCTION

<u>GENERAL NOTES</u>

I. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE O.B.C AND SB-7 OF THE SUPPLEMENTARY STANDARD

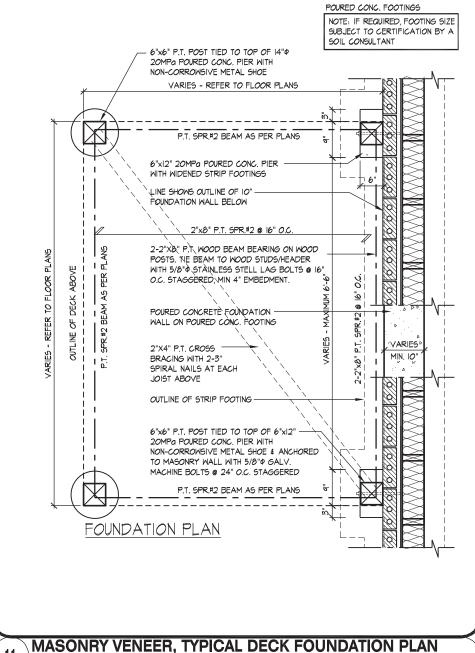
2. LUMBER GRADES SHALL NOT BE LESS THAN NO. 2 SPF.

SPECIES FOR POSTS, PICKETS AND RAILS SHALL BE DOUGLAS FIR-LARCH, HEM-FIR, SPRUCE-PINE-FIR 3. ALL FASTENERS, SCREWS AND NAILS SHALL BE RESISTANT TO CORROSION - NAILS TO BE COMMON SPIRAL

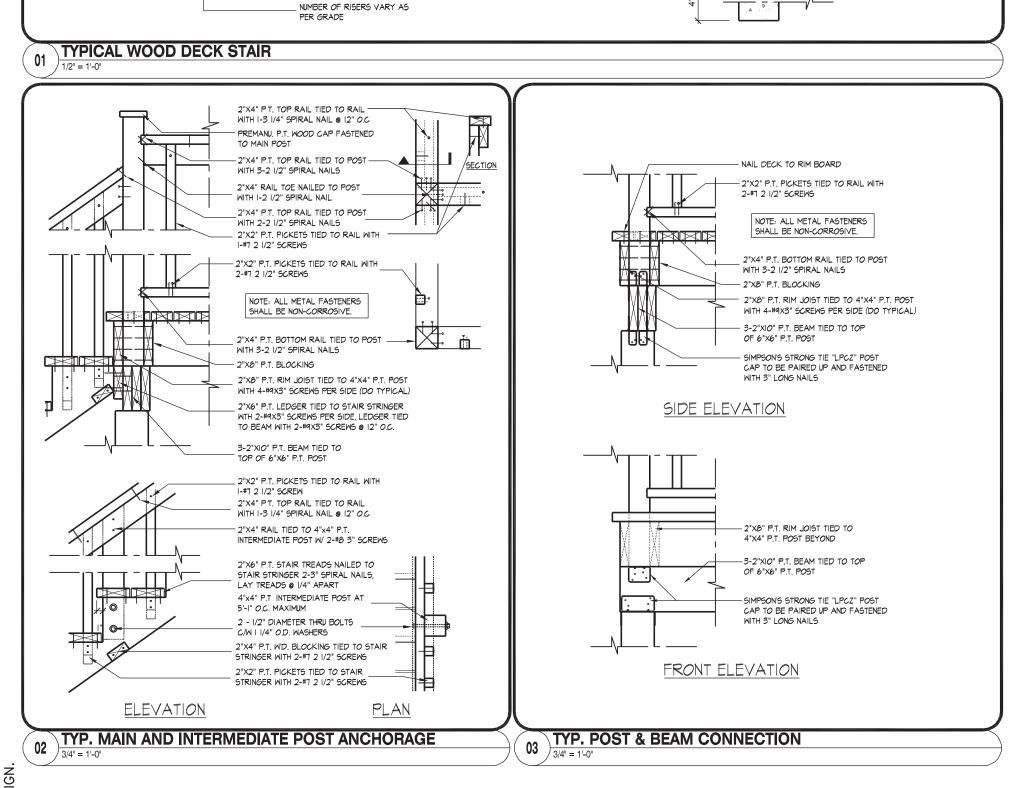
MASONRY VENEER, TYPICAL DECK FRAMING PLAN

LUMBER SHALL BE FREE OF LOOSE KNOTS AND ALL CUT ENDS OF PRESERVATIVE TREATED LUMBER SHALL BE TREATED TO PREVENT DECAY

<u>PLAN</u>







MAXIMUM 4" OPENING BETWEEN

4"x4" P.T. INTERMEDIATE POST AT

5'-I" O.C. MAX

W7 /

14" MAX,

4" MAX.

2 - 1/2" DIAMETER THRU BOLTS

C/W I I/4" O.D. WASHERS

2"X4" P.T. WD. BLOCKING

TIED TO STAIR STRINGER

WITH 2-#7 2 1/2" SCREWS

FINISHED GRADE

4"X4" P.T. MAIN CORNER POST

2"X8" P.T. BLOCKING AT POST

2"X8" P.T. JOISTS @ 16" O.C.

3-2"XIO" P.T. BEAM TIED TO TOP OF

NON-CORROSIVE METAL ANCHOR BRACKET TO TOP OF 14"\$ 15 MPa

POURED CONC. PIER W/ 5%-8% AIR

6"X6" P.T. POSTS TIED WITH

POSTS TIED TO METAL SHOE

ANCHOR WITH 4-3/8" MACHINE

1/2" PNON-CORROSIVE ANCHOR 4"

MINIMUM INTO CONCRETE

2"X8" P.T. RIM BOARD

CONNECTION

ENTRAINMENT

BOLTS

PICKETS & NO MEMBER OR ATTACHMENT BETWEEN 4" & 2'-II' SHALL FACILITATE CLIMBING.

5'-I" O.C. MAXIMUM

2"X4" P.T. TOP RAIL

-2"X2" P.T. PICKETS

₩7

INTERMEDIATE

POSTS AT 5'-1

O.C. MAXIMUM

TO STAIR

2"X6" P.T. STAIR

TREADS NAILED

STRINGER 2-3"

SPIRAL NAILS.

/4" APART

LAY TREADS @

PRECAST CONCRETE PATIO —

2"xIO" P.T. STAIR STRINGER

SLAB ON COMPACTED FINISHED

2"xIO" P.T. STAIR STRINGER

SHOWN BEYOND 2"X4" P.T. WD.

WITH 2-#7 2 1/2" SCREWS

BLOCKING TIED TO STAIR STRINGER

2"X4" P.T. RAIL



NOTE: ALL METAL FASTENERS

DECK DETAILS INDERSIGNED HAS REVIEWED AND TAKES RESPONSIBILITY FOR THIS DESIGN AND HA PINE VALLEY PH.2 - GOLDPARK HOMES **UNIT 5012** DDE TO BE A DESIGNER. VAUGHAN, ONTARIO REV.2022.08.05 **HUNT UU** Allan Whiting AW 3/16"=1'-0" 221081WS5012.DWG OB W4 of W4 STRATION INFORMATION 8966 Woodbine Ave, Markham, ON L3R 0J7 T 905.737.5133 F 905.737.7326 HUNT DESIGN ASSOCIATES INC www.huntdesign.ca