A-0.0 TITLE SHEET A-1.0 SITE PLAN

A-2.0 BASEMENT PLAN

GROUND FLOOR PLAN

SECOND FLOOR PLAN

A-2.4 CABANA - FOUNDATION PLAN

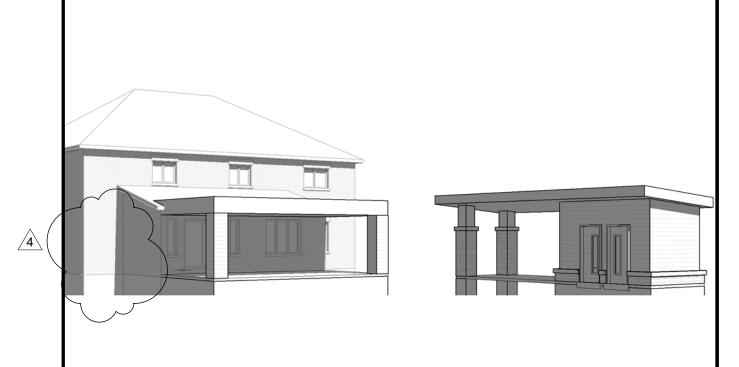
A-2.5 CABANA - GROUND FLOOR PLAN

A-3.0 PORCH - REAR ELEVATION

A-3.1 PORCH - LEFT SIDE ELEVATION

A-3.2 PORCH - RIGHT SIDE ELEVATION

A-3.3 CABANA ELEVATIONS



# PRIVATE RESIDENCE

## SECTION 1.0 GENERAL NOTES

### 1.1. WINDOWS

I) EXCEPT WHERE A DOOR ON THE SAME FLOOR LEVEL AS THE BEDROOM PROVIDES 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 IS 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 TO WITHSTAND THE SPECIFIED LOADS FOR BALCONY GUARDS AS PROVIDED IN

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

### 1.2. CEILING HEIGHTS

EILING HEIGHTS OF ROOMS AND SPACES SHALL CONFORM TO TABLE 9.5.3.1.

MINIMUM HEIGHTS
7'-7" OVER 75% OF REQUIRED FLOOR AREA WITH A CLEAR HEIGHT OF 6'-11" AT ANY POINT
7'-7" OVER 50% OF REQUIRED FLOOR AREA OR 6'-11" OVER ALL OF THE REQUIRED FLOOR AREA.
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".
6'-11" IN ANY AREA WHERE A PERSON WOULD NORMALLY BE STANDING
6'-11"
6'-11" ABOVE & BELOW FLOOR ASSEMBLY (9.5.3.2.)
6'-7" (9.5.3.3.)

## 1.3. 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 TO 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. 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 REQUIREMENTS OF 3.1.1.12. OF THE O.B.C.

## 1.4. LUMBER

1) ALL LUMBER SHALL BE SPRUCE No.2 GRADE OR BETTER, UNLESS NOTED

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, UNI ESS 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 POLYETHYLENE FILM, No.50 (45lbs) ROLL ROOFING OR OTHER DAMPPROOFING MATERIAL, EXCEPT WHERE THE WOOD MEMBER IS AT LEAST 6" (152) ABOVE THE

### GROUND 1.5. STEEL (9.23.4.3.)

1) STRUCTURAL STEEL SHALL CONFORM TO CAN/CSA-G40-21 GRADE 300W. 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.

## 1.6. FLAT ARCHES

1) 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.

## 1.7. ROOF OVERHANGS

1) ALL ROOF OVERHANGS SHALL BE 1'-0" (305). UNLESS NOTED OTHERWISE. **1.8. FLASHING** (9.20.13., 9.26.4. & 9.27.3.)

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

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 AFFECT ADJACENT PROPERTIES. CONFORM TO 9.14.6.

1.10. ULC 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

# INJURNISHED HAS REVIEWED AND TAKES RESPONSIBILITY FOR THIS DESIGN AND HAS THE MEETS THE REQUIREMENTS SET OUT IN THE ONTARIO BUILDING CODE TO BE A DESIGNER. INFORMATION INFORMATION.

CAMERON O'NEILL 117562 607 Velmar.rvt FIRM REGISTRATION INFO:

CJO CJO

# SECTION 2.0. 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 LINSUPPORTED HEIGHT WALL NEEDS TO BE REVISED AND APPROVED BY ENGINEER

	SIZE	& SPACING OF S	STUDS: (OBC RE	FERENCE - TABI	E 9.23.10.1.)	
Γ	MIN. SUPPORTED LOADS (EXTE				ADS (EXTERIOR)	
	STUD SIZE, in (mm)	ROOF w/ OR w/o ATTIC	ROOF w/ OR w/o ATTIC & 1 FLOOR	ROOF w/ OR w/o ATTIC & 2 FLOOR	ROOF w/ OR w/o ATTIC & 3 FLOOR	
		N	MAX. STUD SPAC	CING, in (mm) O.C		
	()	N	MAX. UNSUPPOR		n)	
ſ	2"x4"	24" (610)	16" (405)	12" (305)	N/A	
	(38x89)	9'-10" (3.0)	9'-10" (3.0)	9'-10" (3.0)	N/A	
ſ	2"x6"	-	24" (610)	16" (406)	12" (305)	
	(38x140)		9'-10" (3.0)	11'-10" (3.6)	5'-11" (1.8)	

### **SECTION 3.0. LEGEND**

AFF ABOVE FINISHED FLOOR

3.1. WOOD LINTELS AND BUILT-UP WOOD

(DIVISION B PART 9. TABLES A8 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	
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)	
	ENGINEERED LUMBER SCHEDULE					
	1 3/4" x 9 1/2" LVL		1 3/4" x 11 7/8" LVL		1 3/4" x 14" LVL	
VL2	1-1 3/4"x9 1/2"	LVL3	1-1 3/4"x11 7/8"	LVL10	1-1 3/4"x14"	
VL4	2-1 3/4"x9 1/2"	LVL6	2-1 3/4"x11 7/8"	LVL11	2-1 3/4"x14"	
VL5	3-1 3/4"x9 1/2"	LVL7	3-1 3/4"x11 7/8"	LVL12	3-1 3/4"x14"	
VL8	4-1 3/4"x9 1/2"	LVL9	4-1 3/4"x11 7/8"	LVL13	4-1 3/4"x14"	

### 3.2. STEEL LINTELS SUPPORTING MASONRY VENEER (DIVISION B PART 9. TABLE 9.20.5.2.B.) FORMING PART OF SENTENCE 9.20.5.2.(2) & 9.20.5.2.(3)

	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 7/9" 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. ACRONYMS

BBFM	BEAM BY FLOOR MANUFACTURER	LIN	LINEN CLOSET
BG	FIXED GLASS W/ BLACK BACKING	LVL	LAMINATED VENEER LUMBER
BM	BEAM	OTB/A	OPEN TO BELOW/ABOVE
BBRM	BEAM BY ROOF MANUFACTURER	PL	POINT LOAD
CRF	CONVENTIONAL ROOF FRAMING	PLT	PLATE
C/W	COMPLETE WITH	PT	PRESSURE TREATED
DJ/TJ	DOUBLE JOIST/ TRIPLE JOIST	PTD	PAINTED
DO	DO OVER	PWD	POWDER ROOM
DRP	DROPPED	RT	ROOF TRUSS
E.I.F.S.	EXTERIOR INSULATION FINISH SYSTEM	RWL	RAIN WATER LEADER
ENG	ENGINEERED	SB	SOLID BEARING WOOD POST
EST	ESTIMATED	SBFA	SB FROM ABOVE
FA	FLAT ARCH	SJ	SINGLE JOIST
FD	FLOOR DRAIN	SPR	SPRUCE
FG	FIXED GLASS	STL	STEEL
FL	FLUSH	T/O	TOP OF
FLR	FLOOR	TYP	TYPICAL
GT	GIRDER TRUSS	U/S	UNDERSIDE
НВ	HOSE BIB	WD	WOOD
HRV	HEAT RETURN VENTILATION UNIT	WIC	WALK IN CLOSET
HWT	HOT WATER TANK	WP	WEATHER PROOF
	-		

ALL ELECTRICAL FACILITIES SHALL BE INSTALLED IN ACCORDANCE WITH SECTION 9.34.				
•	CLASS 'B' VENT	0	EXHAUST VENT	
#	DUPLEX OUTLET (12" HIGH)	<b>⊕</b> %	DUPLEX OUTLET (HEIGHT AS NOTED A.F.F.)	
•	HEAVY DUTY OUTLET	\$ (2/3/4)	SWITCH (2/3/4 WAY)	
$\ominus$	POT LIGHT	ф-	LIGHT FIXTURE (CEILING MOUNTED)	
Z&	LIGHT FIXTURE (PULL CHAIN)	<b>\rightarrow</b>	LIGHT FIXTURE (WALL MOUNTED)	
	CABLE T.V. JACK	<b>~</b>	TELEPHONE JACK	
V <u>A</u> C	CENTRAL VACUUM OUTLET	\$\$ (	CHANDELIER (CEILING MOUNTED)	

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 2 HR. FIREWALL REFER TO HEX NOTE 40A. REFER TO HEX NOTE 40.

■ SA <u>SMOKE ALARM</u> (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 TO ACTIVATE ALL ALARMS IF ONE SOUNDS. ALARMS ARE TO BE CONNECTED TO AN ELECTRICAL CIRCUIT AND WITH A BATTERY BACKUP. ALARM SIGNAL SHALL MEET TEMPORAL SOLIND PATTERNS MIN ALARMS SHALL HAVE A VISUAL SIGNALLING COMPONENT AS PER THE "NATIONAL FIRE ALARM AND SIGNALING CODE 72"

♦ CMD CARBON MONOXIDE ALARM (9.33.4.)
\*\*\*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.

### ⊠SB SOLID BEARING (BUILT-UP WOOD COLUMNS AND STUD POSTS

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

## 3.5. DOOR SCHEDULE

	0.01 0 0 0 11 0 0 0 12 0 0 0 2				
	CONFORMING TO SECTIONS 9.5.11, 9.6., 9.7.2.1, & 9.10.13.10				
1	EXTERIOR	2'-8" x 6'-8" x 1-3/4" (815 x 2030 x 45) INSULATED MIN. R4 (RSI 0.7)			
1A	EXTERIOR	2'-10" x 6'-8" x 1-3/4" (865 x 2030 x 45) INSULATED MIN. R4 (RSI 0.7)			
1B	EXTERIOR	3'-0" x 6'-8" x 1-3/4" (915 x 2030 x 45) INSULATED MIN. R4 (RSI 0.7)			
1C	EXTERIOR	2'-6" x 6'-8" x 1-3/4" (760 x 2030 x 45) INSULATED MIN. R4 (RSI 0.7)			
1D	EXTERIOR	2'-8" x 6'-8" x 1-3/4" (815 x 2030 x 45) INS. MIN. R4 (RSI 0.7) (SEE HEX NOTE 2			
1E	EALEDIUD	2' 0" v 9' 0" v 1 3/4" (015 v 2440 v 45) INSHI ATED MINI D4 (DSI 0.7)			

1E | EXTERIOR | 3'-0" x 8'-0" x 1-3/4" (915 x 2440 x 45) INSULATED MIN. R4 (RSI 0.7) 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 DEVICE. 2 INTERIOR 2'-8" x 6'-8" x 1-3/8" (815 x 2030 x 35)

3	INTERIOR	2'-6" X 6'-8" X 1-3/8" (760 X 2030 X 35)
3A	INTERIOR	2'-4" x 6'-8" x 1-3/8" (710 x 2030 x 35)
4	INTERIOR	2'-0" x 6'-8" x 1-3/8" (610 x 2030 x 35)
4A	INTERIOR	2'-2" x 6'-8" x 1-3/8" (660 x 2030 x 35)
5	INTERIOR	1'-6" x 6'-8" x 1-3/8" (460 x 2030 x 35)

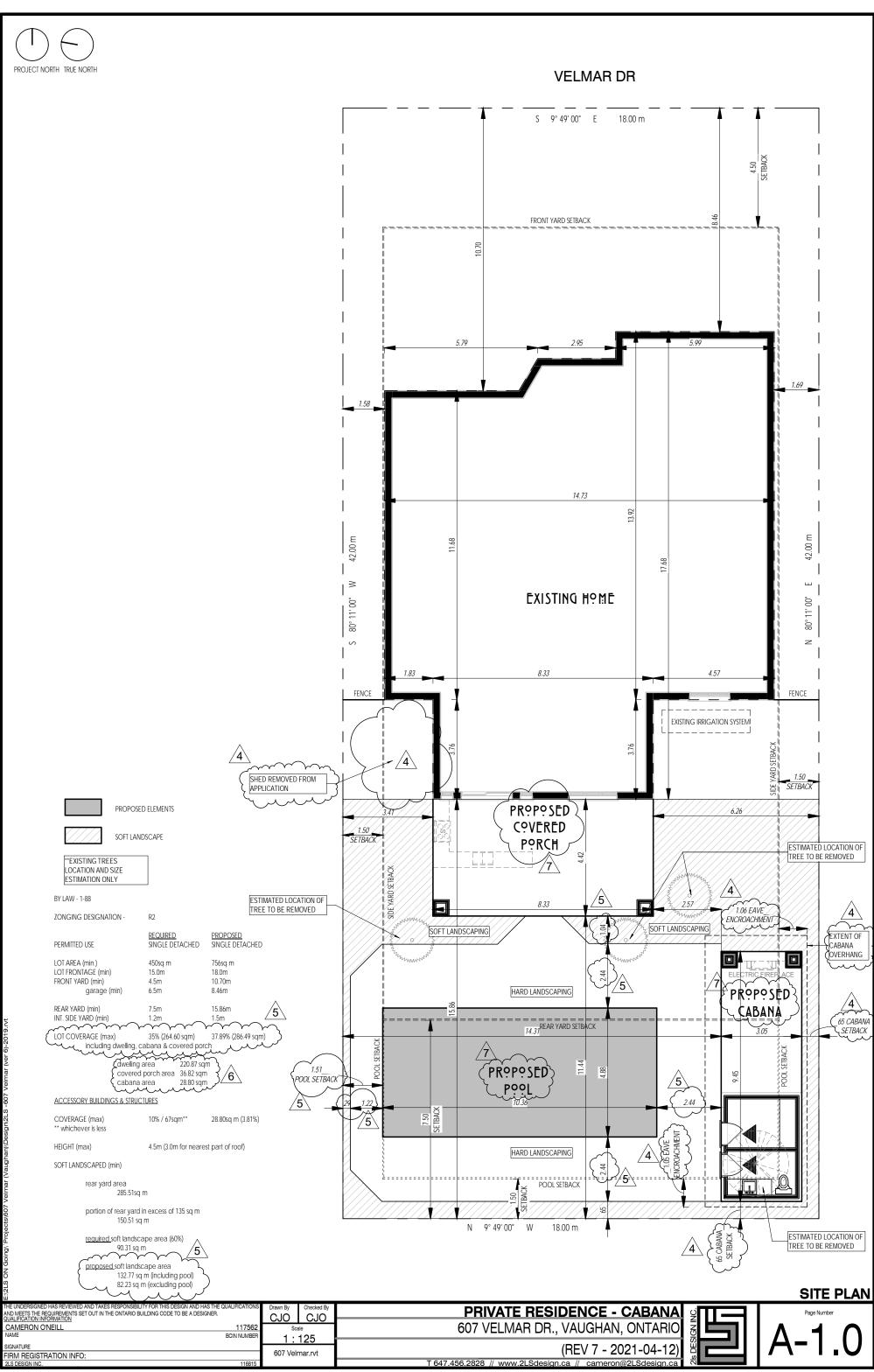
INTERIOR DOORS FOR ALL 10' CEILING CONDITIONS

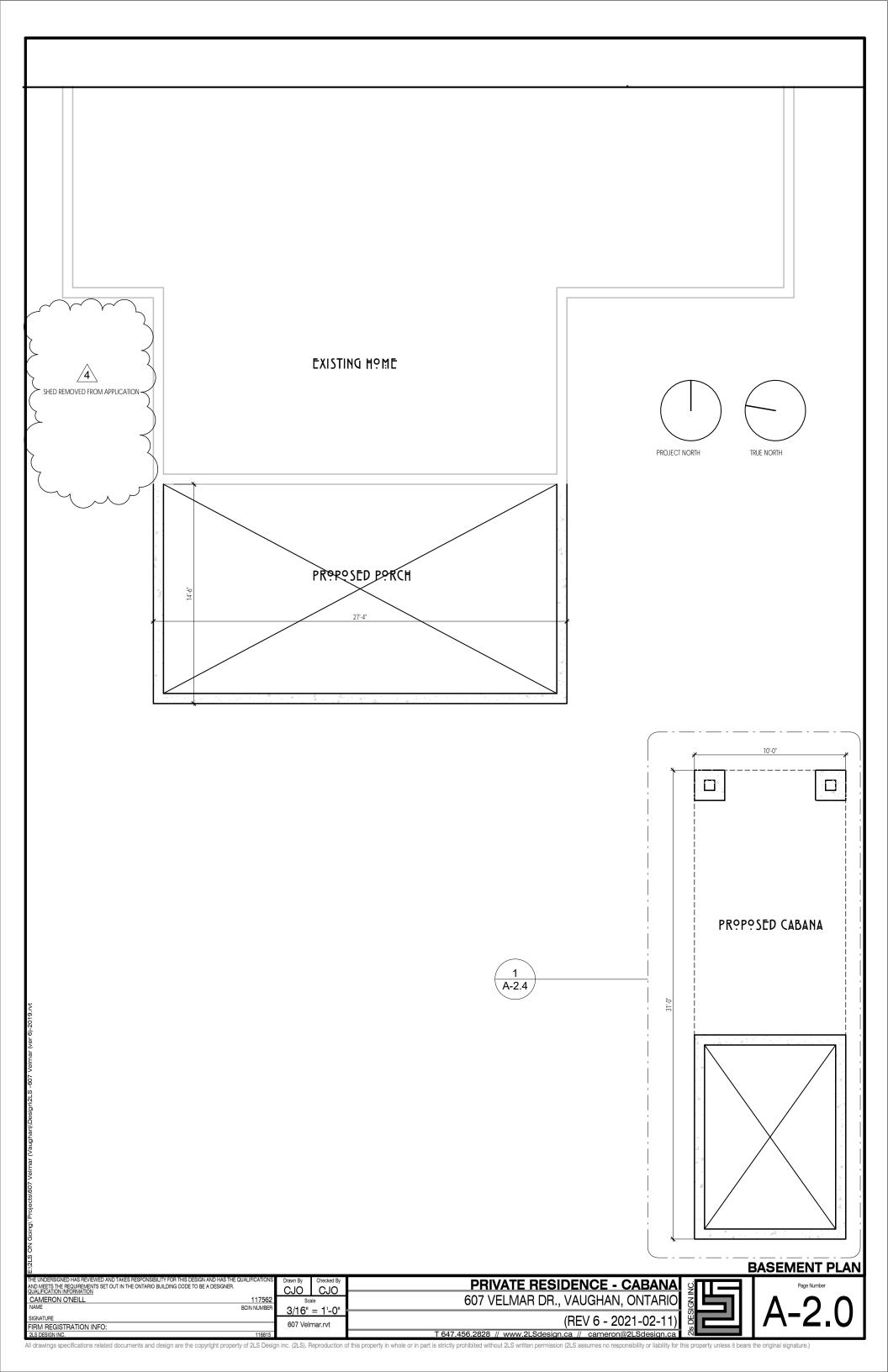
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6. UPDATED PER MUNICIPAL COMMENTS	2021-02-11	CJO
5. UPDATED PER CLIENT COMMENTS	2021-01-25	CJO
4. UPDATED PER CLIENT COMMENTS	2021-01-21	CJO
3. UPDATED AS PER MUNICIPAL COMMENTS	2020-12-14	CJO
2. UPDATED AS PER MUNICIPAL COMMENTS	2020-12-09	CJO
1. ISSUED FOR C of A REVIEW	2020-10-13	CJO
REVISIONS	DATE (YYYY/MM/DD)	BY

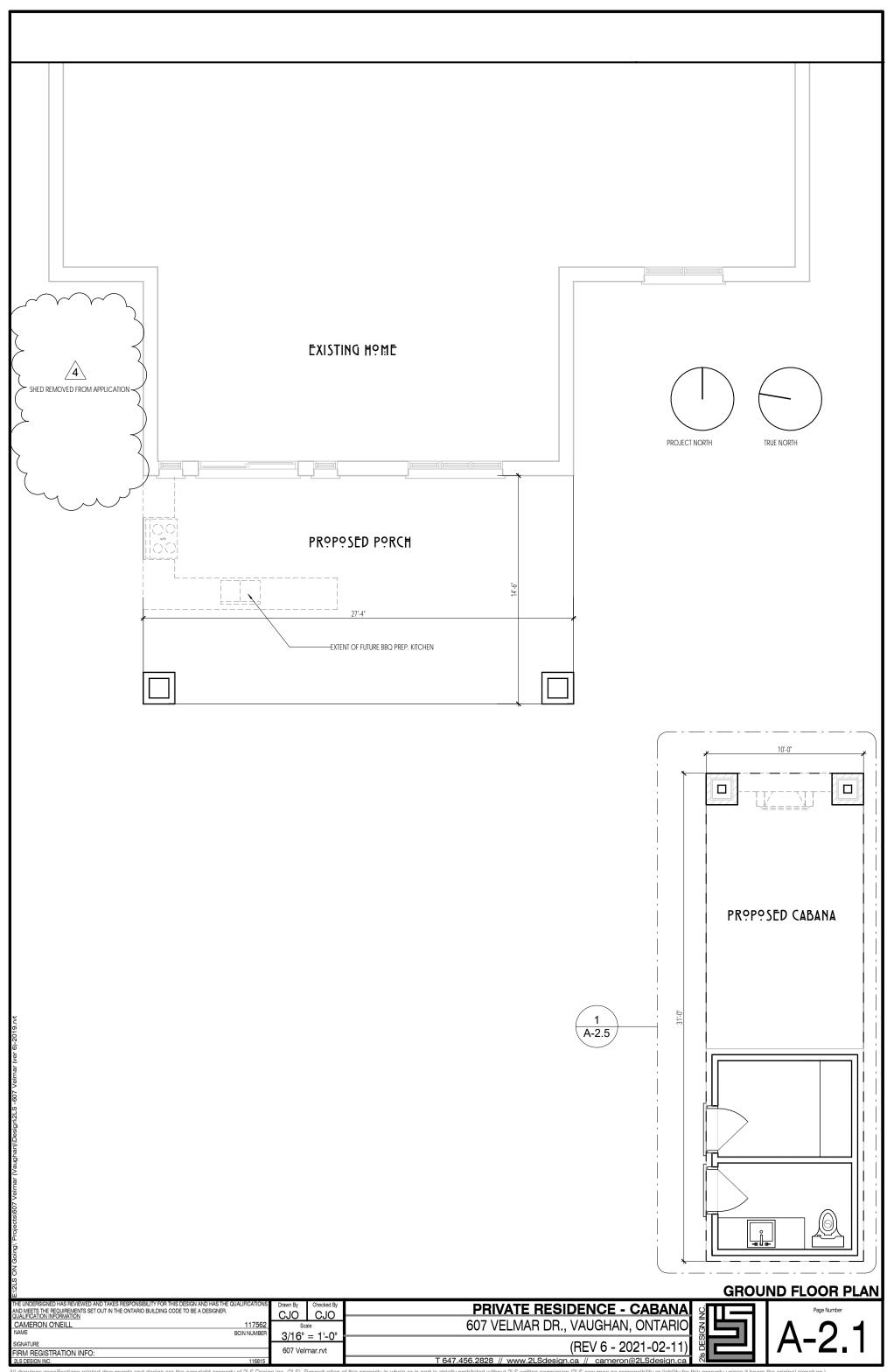
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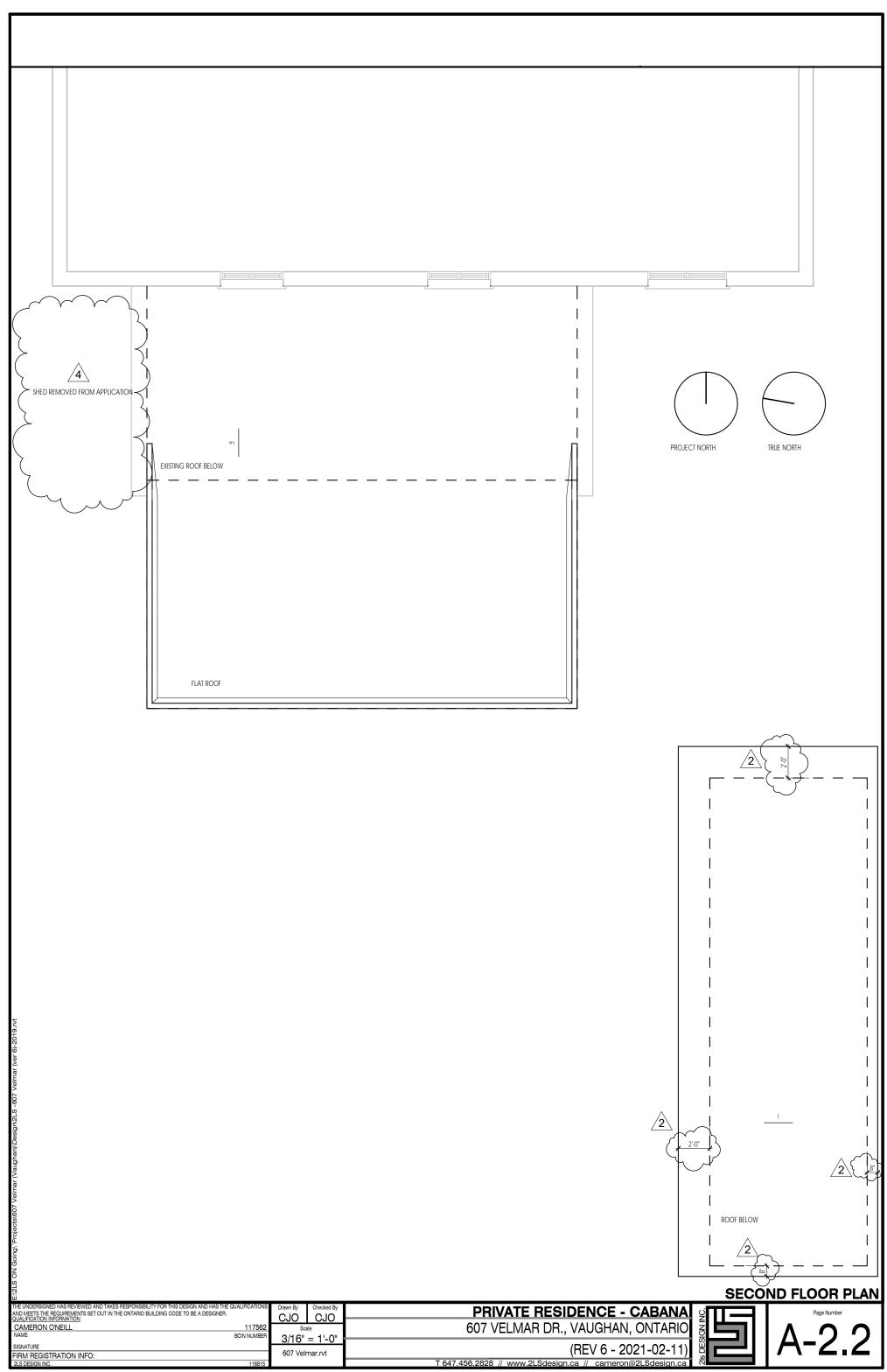
**PRIVATE RESIDENCE - CABANA** 607 VELMAR DR., VAUGHAN, ONTARIO (REV 7 - 2021-04-12)

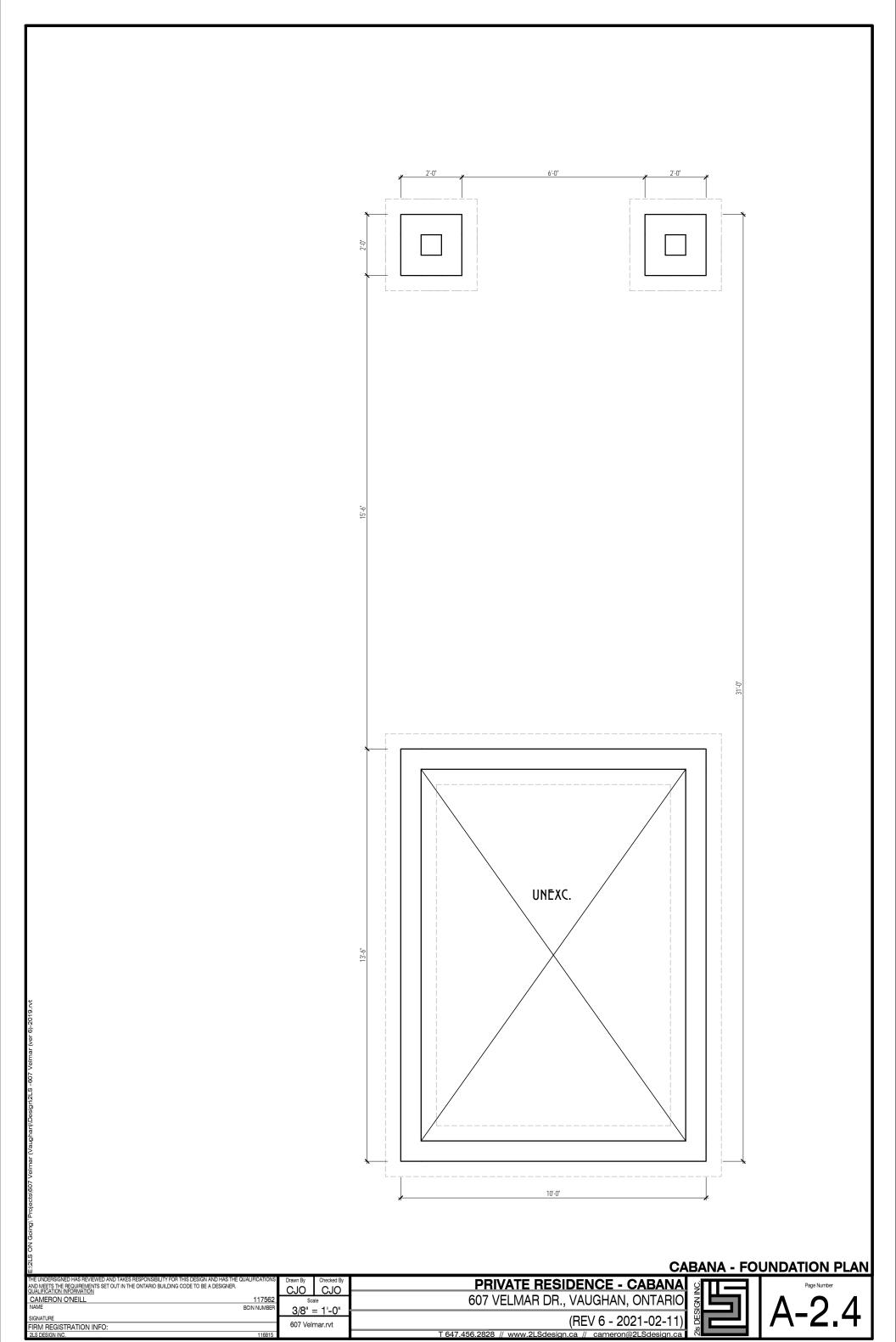


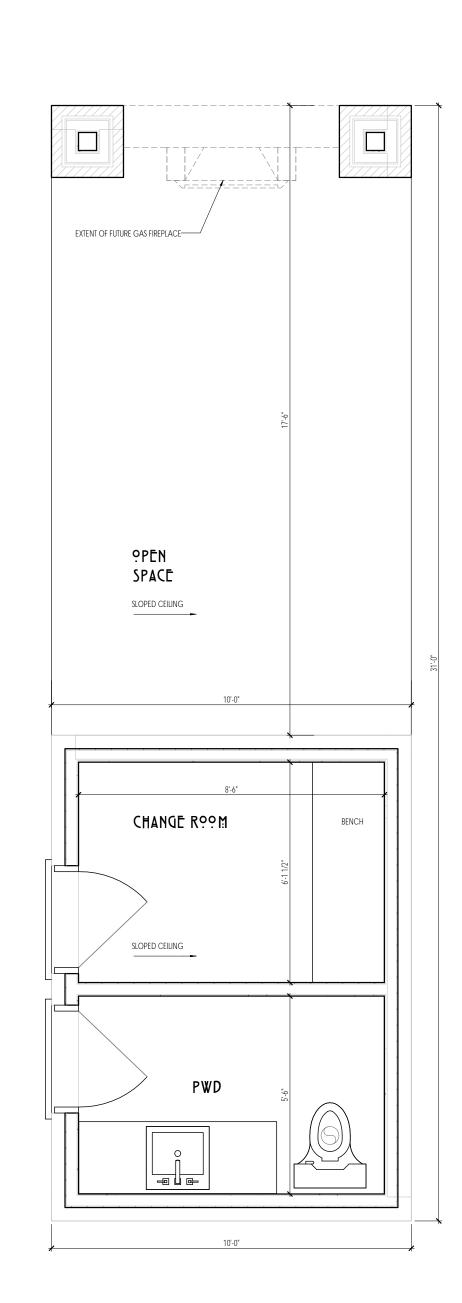








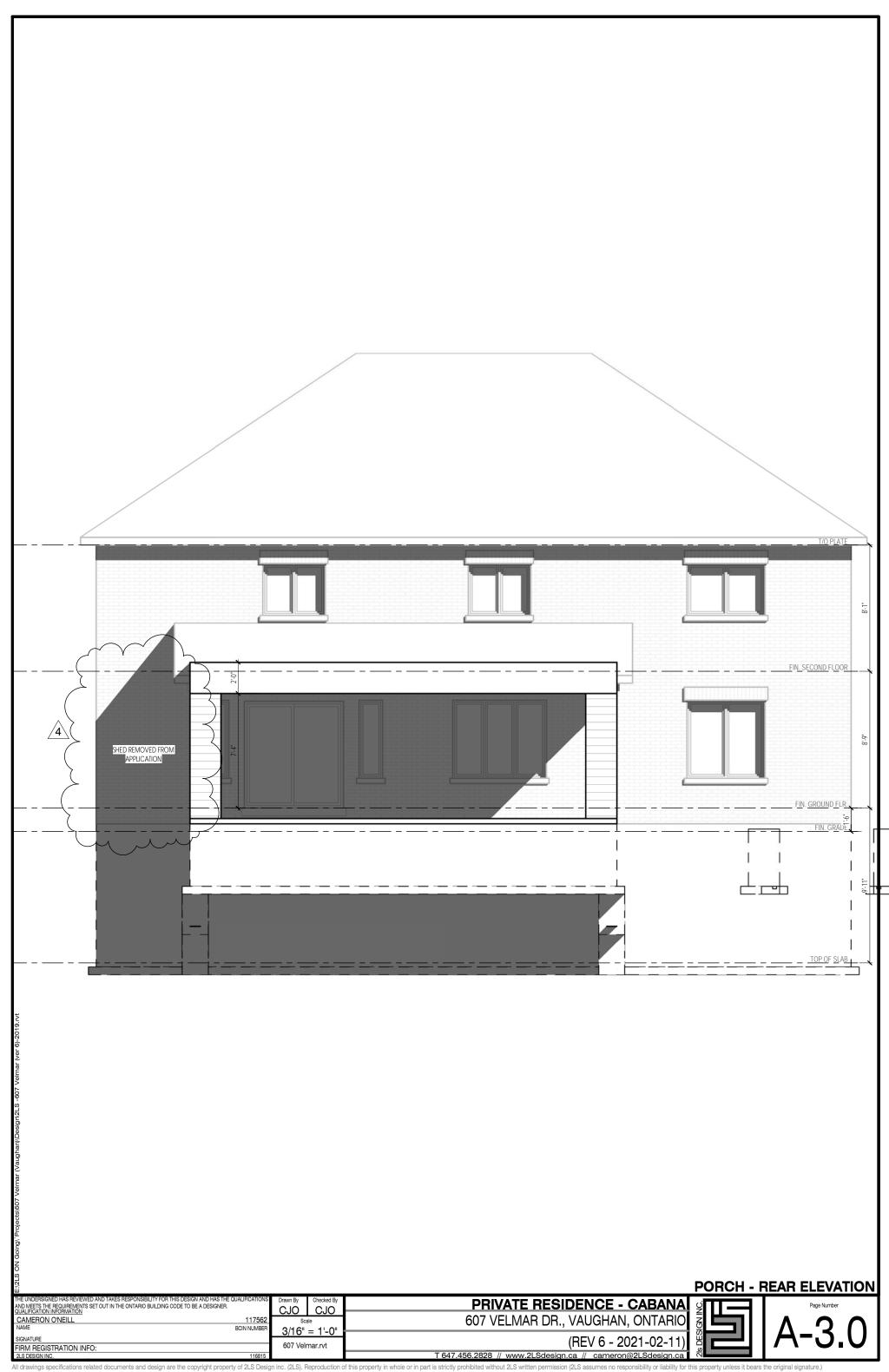


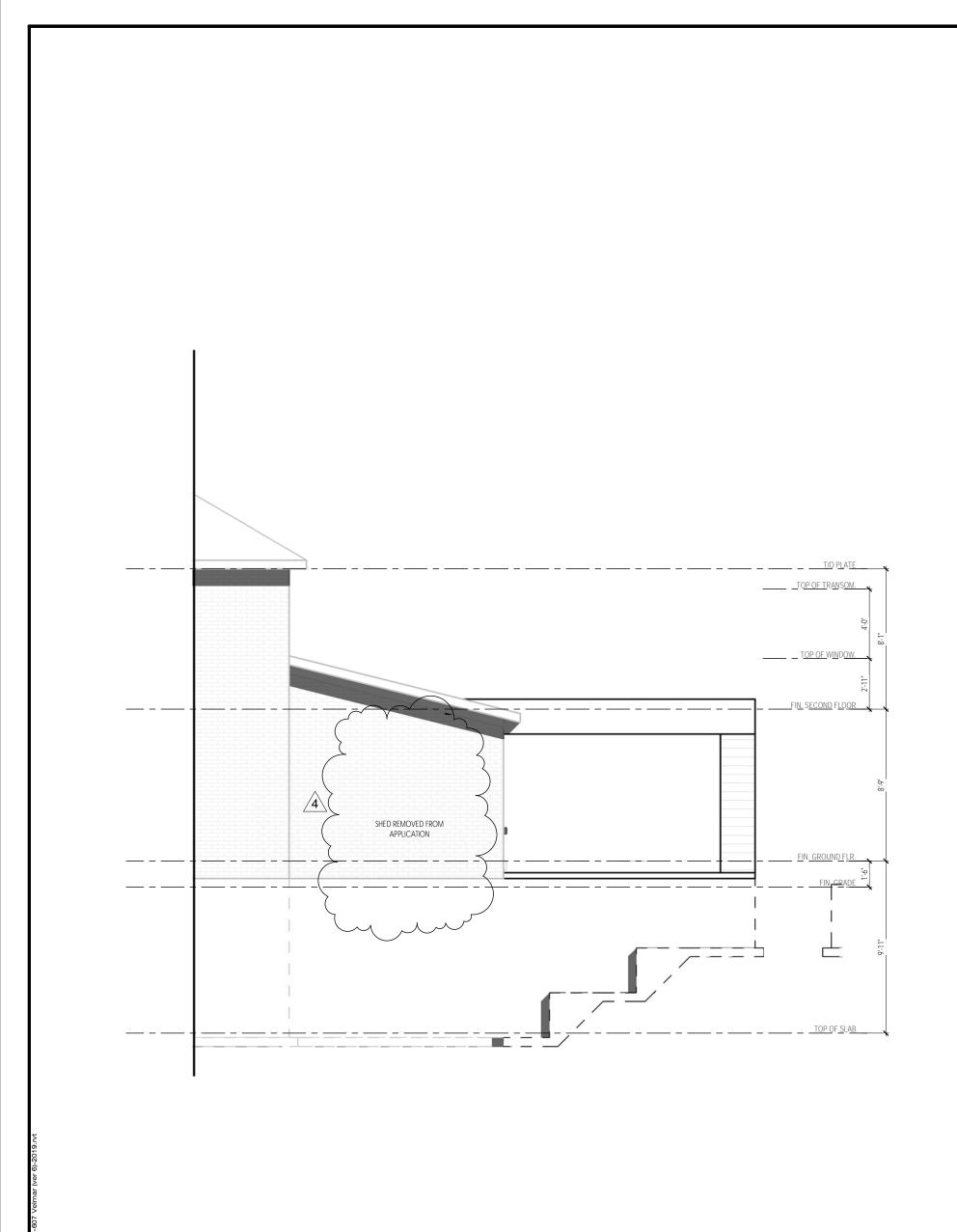


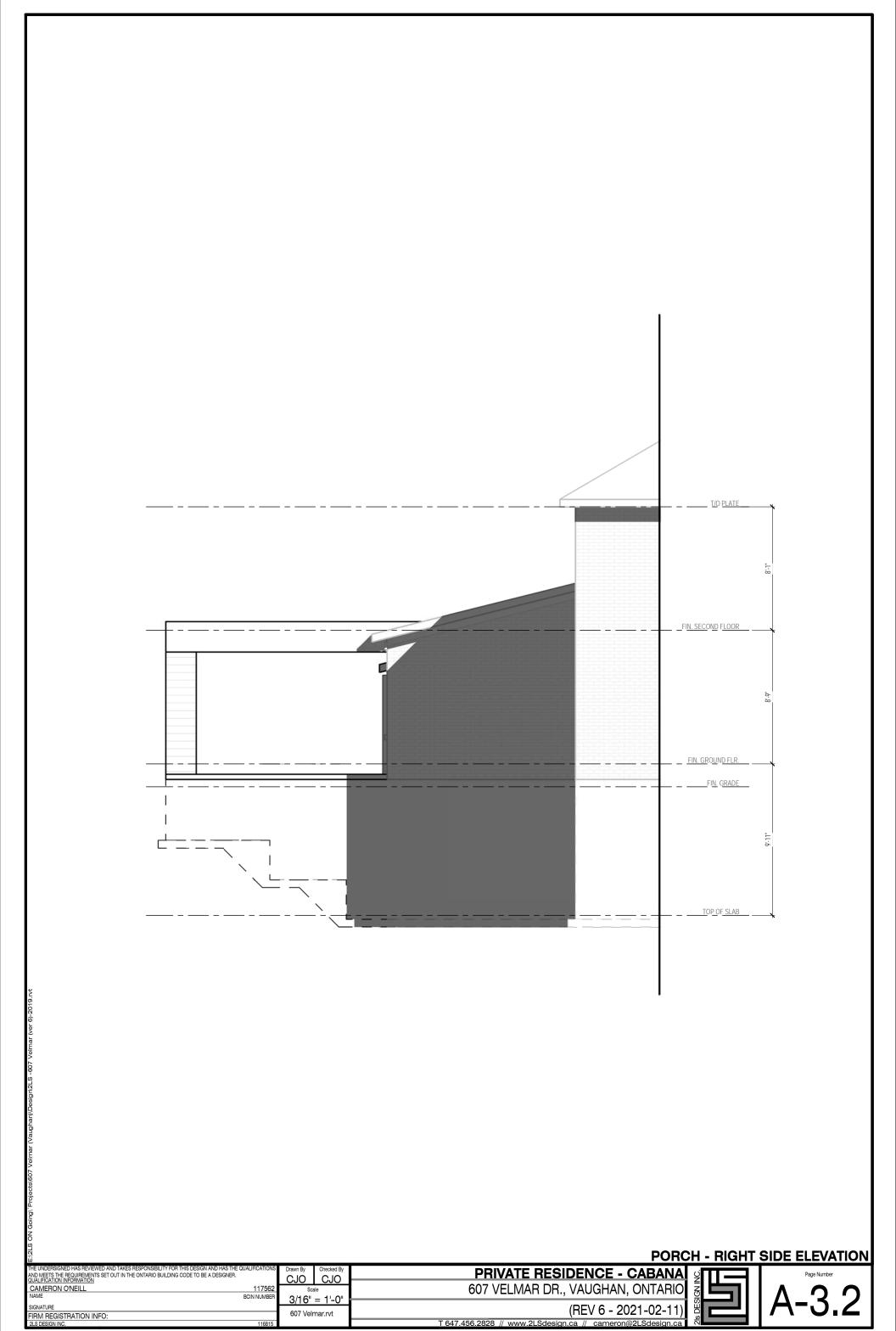
CABANA - GROUND FLOOR PLAN
THE UNDERSIGNED HAS REVIEWED AND TAKES RESPONSIBILITY FOR THIS DESIGN AND HAS THE QUALIFICATIONS OLD TO BE A DESIGNER.

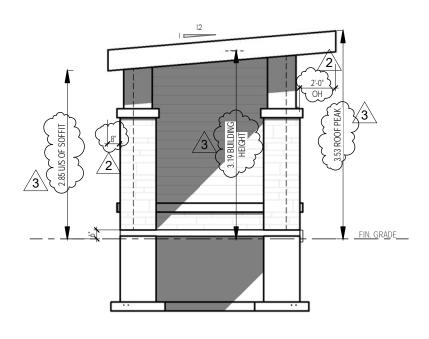
CJO CJO
CAMERON O'NEILL
NAME
BISIN NUMBER
BISIN NUMBE

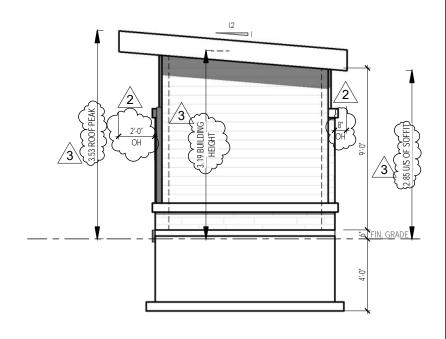
| CAMERON O'NEILL | 117562 | Scale | S





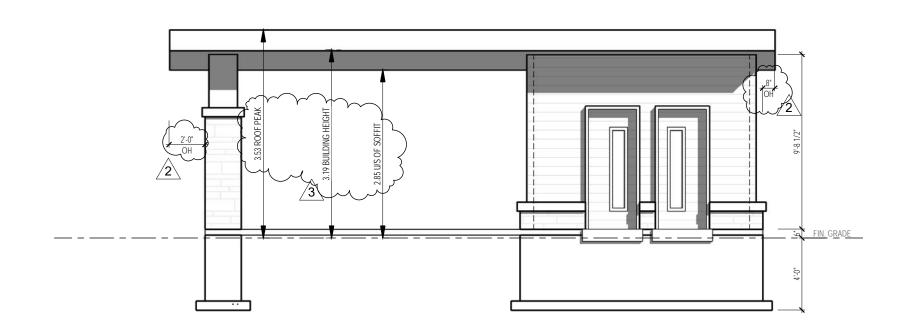




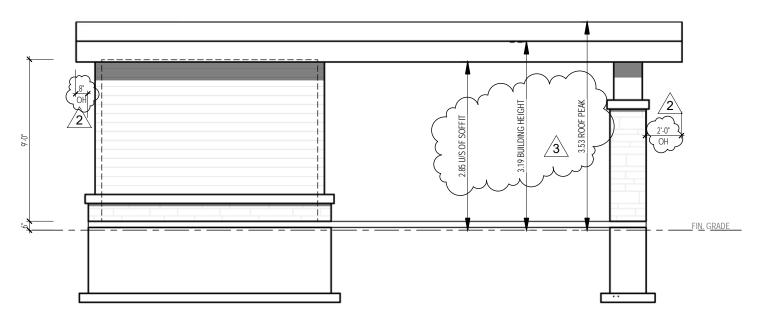


**CABANA - FRONT ELEV.** 

**CABANA - REAR ELEV.** 



**CABANA - LEFT SIDE ELEV.** 



**CABANA - RIGHT SIDE ELEV.** 

CABANA ELEVATIONS

THE UNDERSIGNED HAS REVIEWED AND TAKES RESPONSIBILITY FOR THIS DESIGN AND HAS THE QUALIFICATIONS AND MEETS THE REQUIREMENTS SET OUT IN THE ONTARIO BUILDING CODE TO BE A DESIGNER.

QUALIFICATION IN IPPORMATION

CAMERON O'NEILL

117562

Scale

3/16" = 1'-0"

SIGNATURE

FIRM REGISTRATION INFO:

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