

UNIT 2004 - 'THE SUN FLOWER'

SB-12 ENERGY EFFICIENCY DESIGN MATRIX

	SPACE HEATING FUEL	
	■ GAS □ OIL	
PERFORMANCE COMPLIANCE	□ ELECTRIC □ PROPANI	
	□ EARTH □ SOLID FU	
BUILDING COMPONENT	PROPOSED	
INSULATION RSI (R) VALUE		
CEILING W/ ATTIC SPACE	10.56 (R60)	
CEILING W/O ATTIC SPACE	5.46 (R31)	
EXPOSED FLOOR	5.46 (R31)	
WALLS ABOVE GRADE	3.87 (R22)+1.5ci	
BASEMENT WALLS	R20 Blanket or R12+R10ci	
BELOW GRADE SLAB ENTIRE SURFACE > 600mm BELOW GRADE	-	
EDGE OF BELOW GRADE SLAB \leq 600mm BELOW GRADE	1.76 (R10)	
HEATED SLAB \leq 600mm BELOW GRADE	1.76 (R10)	
CONC. SLAB ≤ 600mm BELOW GRADE	1.76 (R10)	
WINDOWS & DOORS		
WINDOWS/SLIDING GLASS DOORS (MAX U-VALUE or MIN. ER)	1.6	
SKYLIGHTS (MAX. U-VALUE)	2.8	
APPLIANCE EFFICIENCY		
SPACE HEATING EQUIP. (AFUE%)	Combo 95% AFUE GLOW C	
HRV EFFICIENCY (%)	75%	
DOMESTIC HOT WATER HEATER (EF)	0.84	
DWHR UNIT (%)	53.3% ON 1 SHOWERS MIN	
AREA CALCULATIONS EL. 'A' EL. 'B'		
STD. PLAN STD. PLAN		
GROUND FLOOR AREA 981 sq. ft. 981 sq. ft.		

982 sq. ft. 1963 sq. ft.

1949 sq. ft.

(181.07 sq. m.)

650 sq. ft.

1358 sq. ft.

(126.16 sq. m.)

1419 sq. ft.

(131.83 sq. m.)

9.25 %

STD./OPT. PLAN SIDE DOOR STD./OPT. PLAN SIDE DOOR 2981 sq. ft. 2981 sq. ft. 2984 sq. ft. 2984 sq. ft.

(276.94 sq. m.) (276.94 sq. m.) (277.22 sq. m.) (277.22 sq. m.)

1 - TITLE PAGE

- 2 BASEMENT PLAN, ELEV. 'A'
- 3 GROUND FLOOR & SECOND FLOOR PLAN, ELEV. 'A'
- 4 PARTIAL FLOOR PLANS, ELEV. 'B'
- 5 FRONT & REAR ELEVATION 'A'
- 6 LEFT SIDE ELEVATION 'A'
- 7 FRONT & REAR ELEVATION 'B'
- 8 LEFT SIDE ELEVATION 'B' 9 - CROSS SECTION 'A-A', 'B-B', 'C-C' & 'E-E'
- 10 CONSTRUCTION NOTES



TOTAL WINDOW % 9.06 % 9.73 %

SECOND FLOOR AREA 982 sq. ft.

DEDUCT ALL OPEN AREAS 14 sq. ft. TOTAL NET AREA 1949 sq. ft.

FINISHED BASEMENT AREA 650 sq. ft.

COVERAGE

W/OUT PORCH

COVERAGE W/ PORCH

CALCULATIONS

GROSS WALL AREA

(181.07 sq. m.)

1358 sq. ft.

(126.16 sq. m.)

1419 sq. ft.

(131.83 sq. m.)

WINDOW / WALL AREA EL. 'A' EL. 'B' EL. 'B'

GROSS WINDOW AREA 270 sq. ft. 290 sq. ft. 276 sq. ft. 297 sq. ft. (INCL. GLASS DOORS & SKYLIGHTS) (25.08 sq. m.) (26.94 sq. m.) (25.64 sq. m.) (27.59 sq. m.)



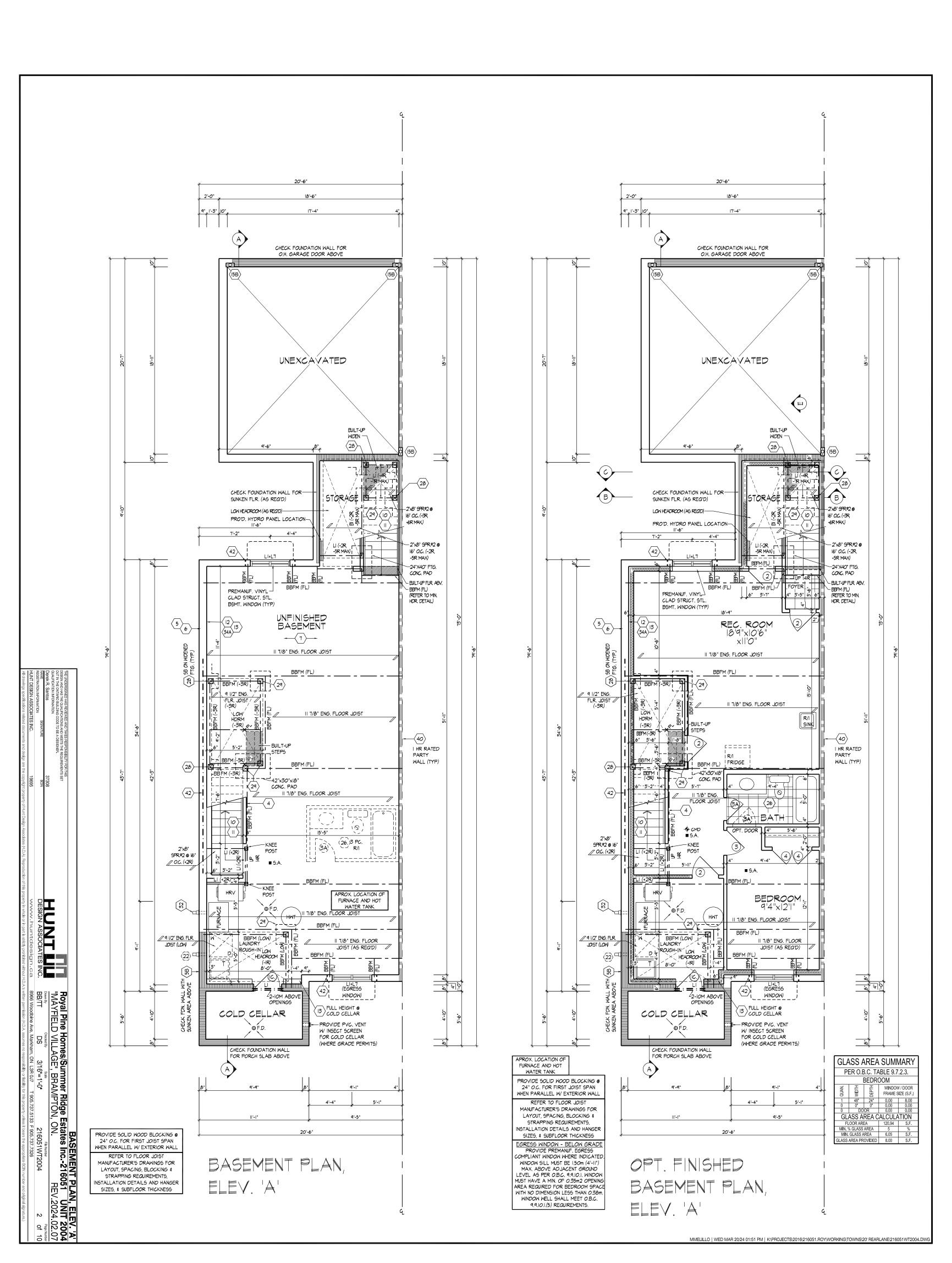
9.95 %

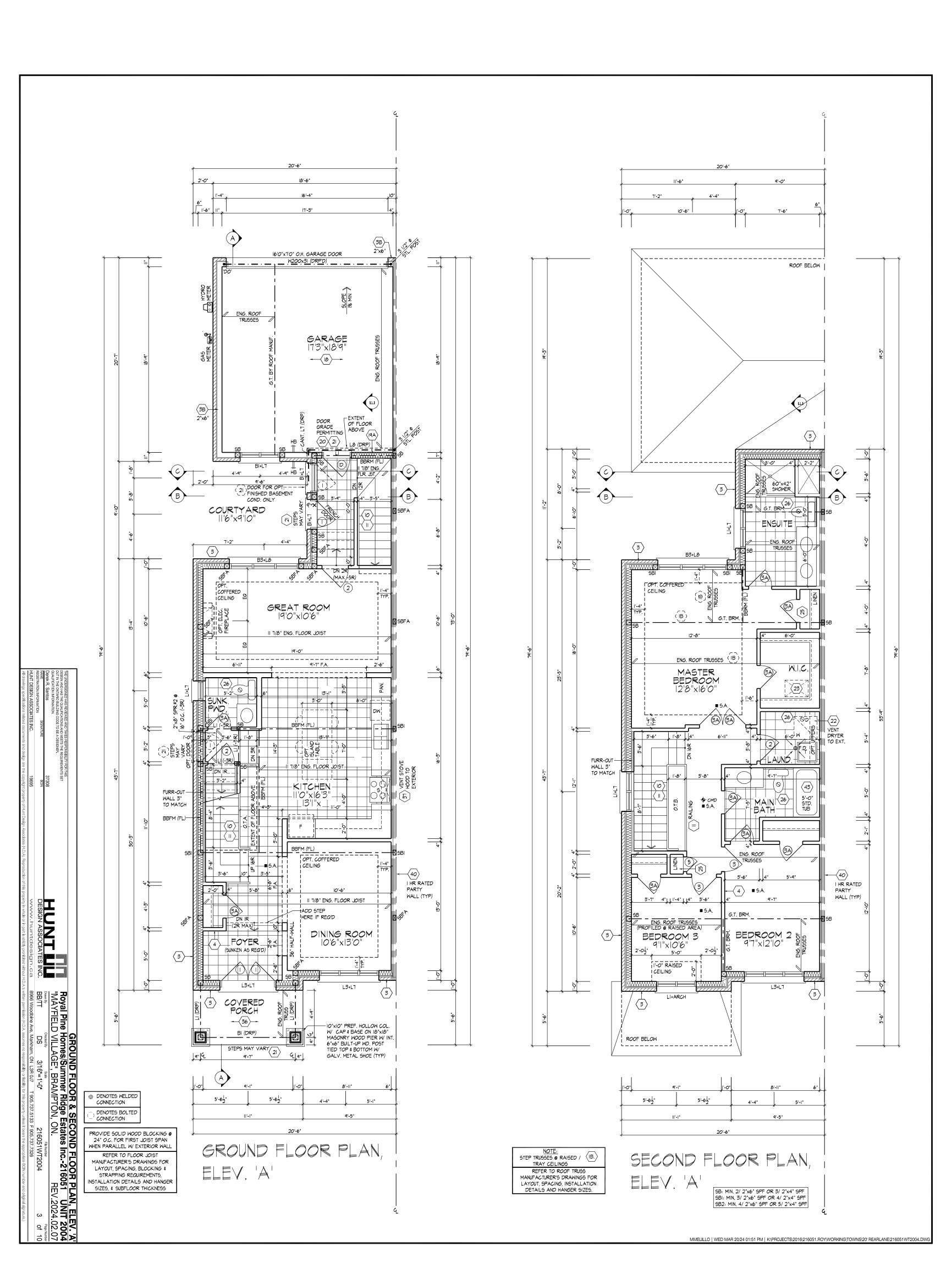
8.	REVISED PLAN W/ SERVICE STAIR & CLIENTS' COMMENTS	2023/12/01	TT
7.	ISSUED FOR PERMIT	-	-
6.	ISSUED FOR FINAL APPROVAL	2023/01/13	MM
5.	REVISED AS PER ARCHITECTURAL CONTROL COMMENTS	•	
4.	REVISED AS PER ENGINEER COMMENTS	2023/01/04	MM
3.	REVISED AS PER FLOOR & ROOF MANUFACTURE PLANS	2022/06/15	MM
2.	REVISED AS PER CLIENT'S COMMENTS	2021/09/28	DSI
1.	ISSUED FOR CLIENT REVIEW	2021/07/27	BB
	REVISIONS	DATE (YYYY/MM/DD)	BY

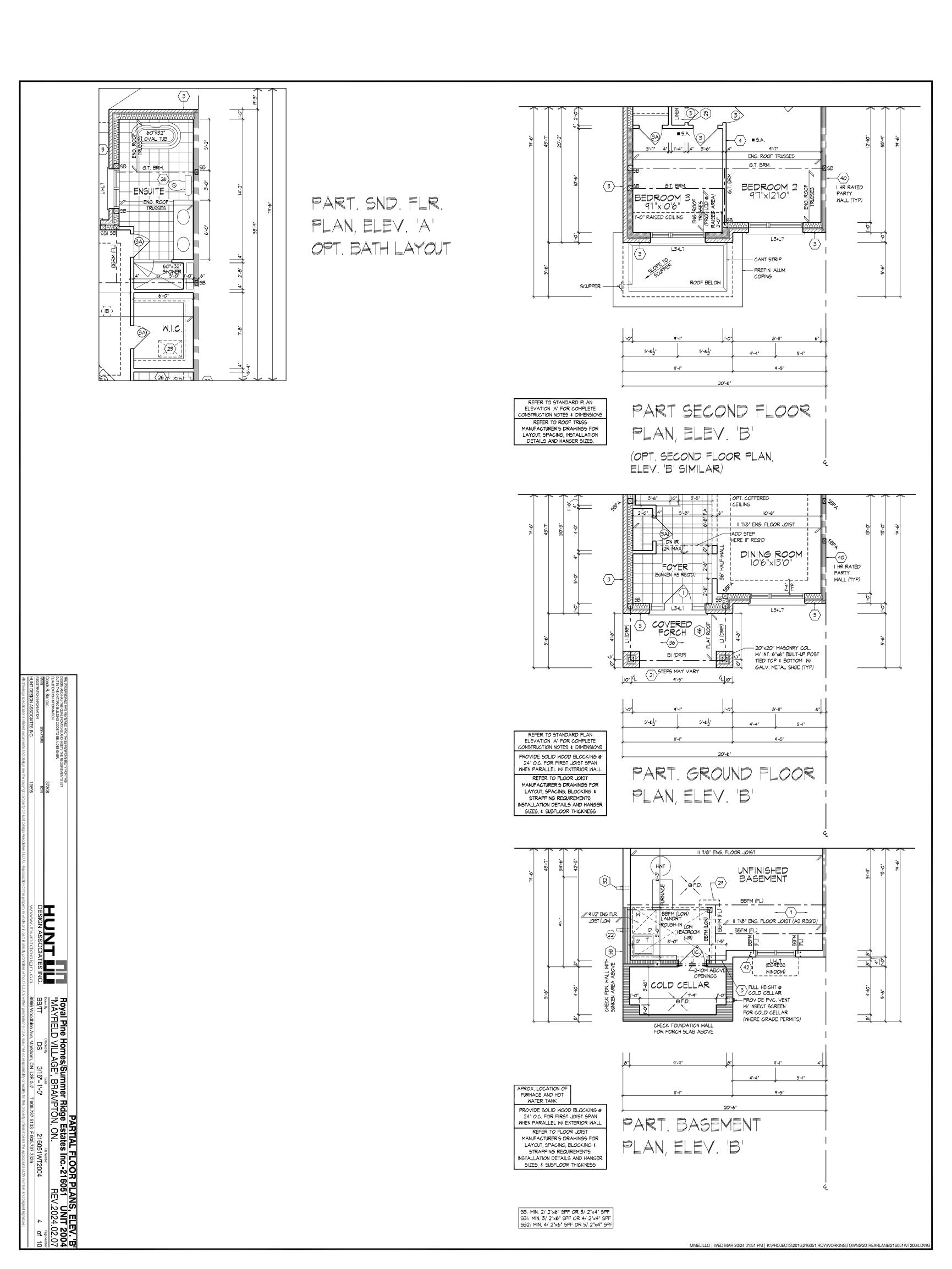
Royal Pine Homes/Summer Ridge Estates Inc.-216051 UNIT 2004
"MAYFIELD VILLAGE", BRAMPTON, ON. REV.2024.02.07 THE UNDERSIGNED HAS REVIEWED AND TAKES RESPONSIBILITY FOR THIS DESIGN AND HAS THE QUALIFICATIONS AND MEETS THE REQUIREMENTS SET OUT IN THE ONTARIO BUILDING CODE TO BE A DESIGNER. QUALIFICATION INFORMATION Derek R. Santos Checked By Scale

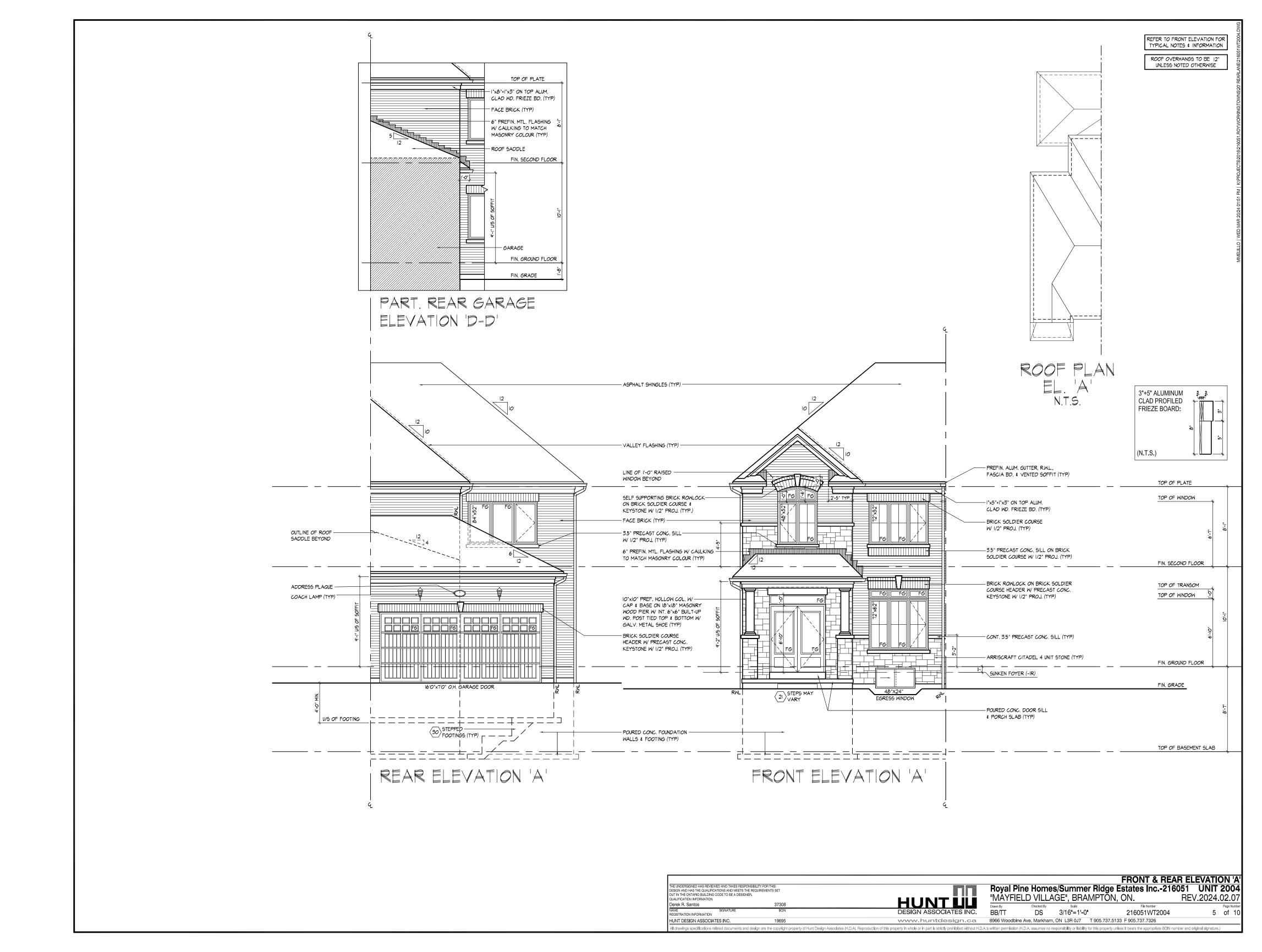
DS 3/16"=1'-0" NAME REGISTRATION INFORMATION 216051WT2004 BB/TT 1 of 10 www.huntdesign.ca 8966 Woodbine Ave, Markham, ON L3R 0J7 T 905.737.5133 F 905.737.7326

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REFER TO FRONT ELEVATION FOR TYPICAL NOTES & INFORMATION

ROOF OVERHANGS TO BE 12" UNLESS NOTED OTHERWISE

SPATIAL CALCULATION

PER O.B.C. TABLE 9.10.15.4

LEFT SIDE ELEVATION 'A'

SPATIAL CALCULATION

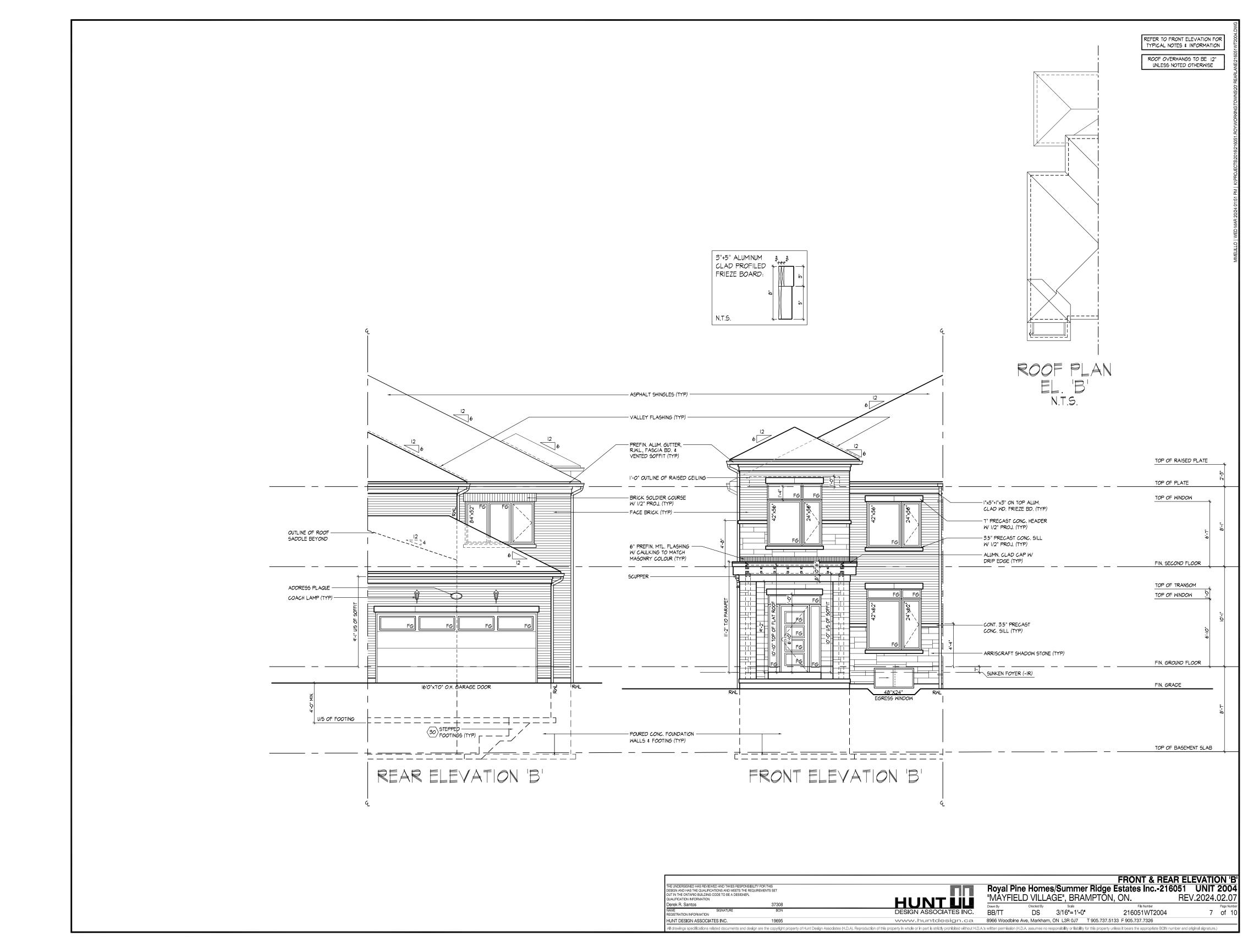
PER O.B.C. TABLE 9.10.15.4 LEFT SIDE ELEVATION 'A'

OPT. DOOR



LEFT SIDE ELEVATION 'A'

					LEFT SID	E ELEV	/ATIC	'A' NC
THE UNDERSIGNED HAS REVIEWED AND TAKES RESPONSIBILITY FOR THIS DESIGN AND HAS THE QUALIFICATIONS AND MEETS THE REQUIREMENTS SET		Royal Pir	ne Home	s/Summer	r Ridge Estates Inc2160	051 U	INIT :	2004
OUT IN THE ONTARIO BUILDING CODE TO BE A DESIGNER. QUALIFICATION INFORMATION	HUNT	"MĂYFIE	LD VILLA	GE", BRAI	MPTŎN, ON.	REV.2	024.0	02.07
Derek R. Santos 37308 NAME SIGNATURE BCIN		Drawn By	Checked By	Scale	File Number		_	Page Numbe
REGISTRATION INFORMATION	DESIGN ASSOCIATES INC.	BB/TT	DS	3/16"=1'-0"	216051WT2004		6	of 10
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ROOF OVERHANGS TO BE 12" UNLESS NOTED OTHERWISE

SPATIAL CALCULATION

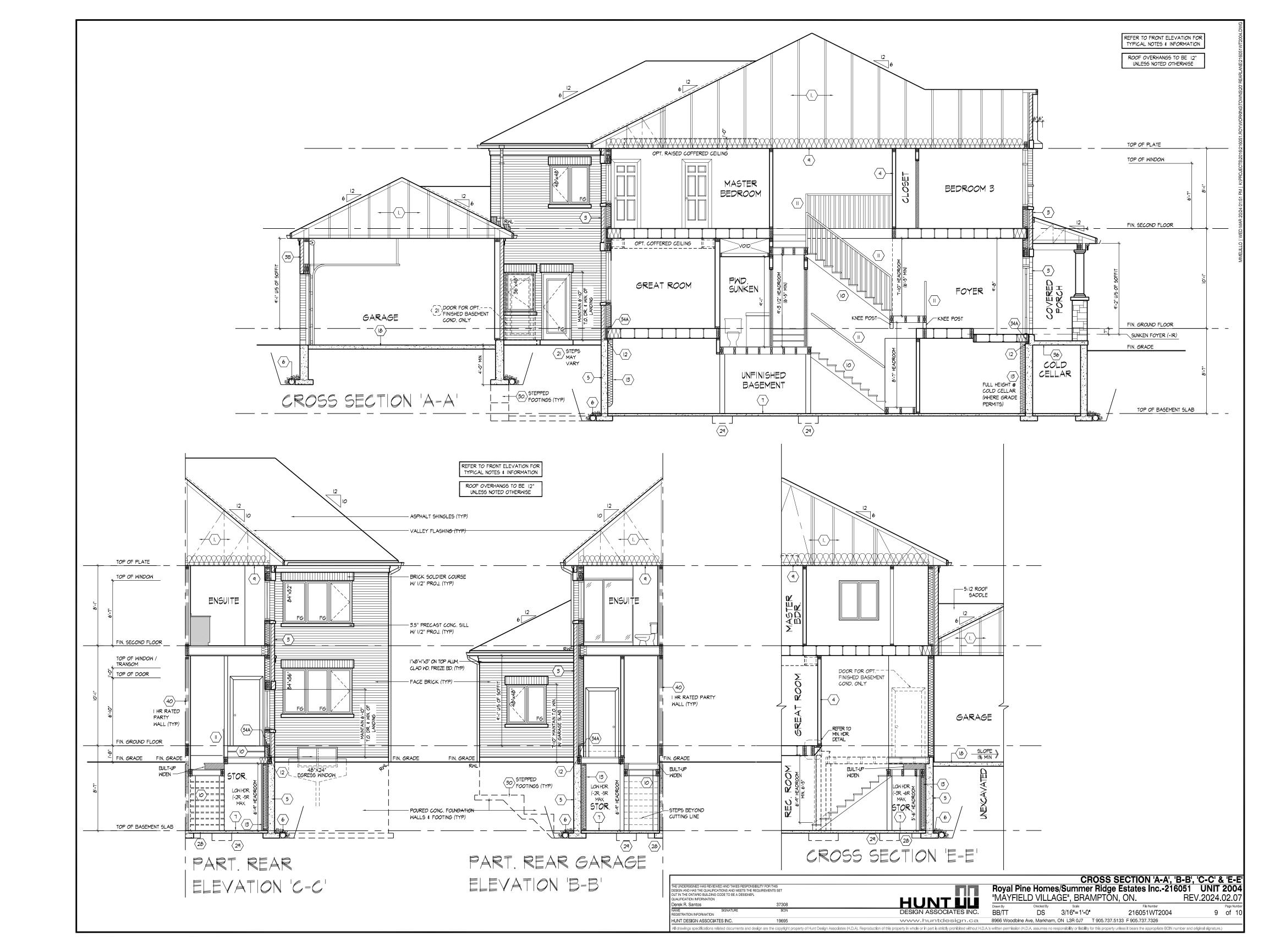
PER O.B.C. TABLE 9.10.15.4

SPATIAL CALCULATION
PER O.B.C. TABLE 9.10.15.4



LEFT SIDE ELEVATION 'B'

					LEFT SID	E ELEVAT	<u> 101</u>	N B
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.	חח				Ridge Estates Inc216			
QUALIFICATION INFORMATION Derek R. Santos 37308	HUNT	"IVIAYFI	Checked By	GE", BRAN	MPTON, ON.	REV.202		2.0 A
NAME SIGNATURE BCIN REGISTRATION INFORMATION	DESIGN ASSOCIATES INC.	BB/TT	DS	3/16"=1'-0"	216051WT2004	8		of 1
HUNT DESIGN ASSOCIATES INC. 19695	www.huntdesign.ca	8966 Woodb	ine Ave, Markham	, ON L3R 0J7	T 905.737.5133 F 905.737.7326			
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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, FURRING MEMBERS OR BLOCKING BETWEEN THE FRAMING MEMBERS ON APPROVED SHEATHING PAPER ON 3/8" (9.5) EXT. GRADE SHEATHING ON STUDS CONFORMING TO 0.5 (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.)

2B 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, (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") 3 1/2" (90) BRICK VENEER 1" (25) AIR SPACE, 7/8"x7"x0.03" (22x180x0.76) GALV. METAL 1 @ 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 2x180x0.76) GALV. METAL TIES 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 /2" (90) BRICK VENEER 1" (25) AIR SPACE, 7/8"x7"x0.03" (22x180x0.76) GALV. METAL S @ 16" (400) O.C. HORIZ. 24" (600) O.C. VERT. BONDING AND FASTENING FOR S TO CONFORM WITH 9.20.9. 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) 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) 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"X"'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"x4" (38x140) STUDS WHERE NOTED. PROVIDE 2"x4" (38x89) @ 24" (610) O.C. LADDER FRAMING WHERE WALLS INTERSECT PERPENDICULAR TO ONE ANOTHER. PROVIDE 2%4" (38x89) WOOD BLOCKING ON FLAT @ 3'-11" (1194) O.C. MAX. BETWEEN FLOOR JOISTS WHEN NON-LOADBEARING WALLS ARE PARALLEL TO FLOOR JOISTS.

 $\langle 4A \rangle$ 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 LES 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 LAYER 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 CONCRETE FOOTINGS SUPPORTING JUIST SFANS GREATER THAIN 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 75kPa OR COMPACTED ENGINEERED FILL WITH MIN. BEARING CAPACITY OF 150kPa. IF SOIL BEARING DOES NOT MEET MINIMUM CAPACITY, ENGINEERED FOOTINGS ARE REQUIRED. ACTUAL SOIL BEARING CAPACITY TO BE VERIFIED WITH SOIL PRISHFERING REPORT WITH SOLE 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 UNLESS OTHERWISE NOTED. [9.15.4.2.(1.)]

	UNREINFORCED SOLID CONCRETE FOUNDATION WALLS (9.15.4.2.)							
픘	ESS	MAX	. HEIGHT FROM	F I N. SLAB TO GR	ADE			
STRENGTH	HICKNESS	UNSUPPORTED	SI	SUPPORTED AT TOP				
ST	芦	AT TOP	≤2.5m	>2.5m & ≤2.75m	>2.75m & ≤3.0m			
МРа	* 8"	3'-11" (1.20m)	7'-0" (2.15m)	7'-0" (2.15m)	6'-10" (2.10m)			
	10"	4'-7" (1.40m)	7'-6" (2.30m)	8'-6" (2.60m)	8'-2" (2.50m)			
15	12"	4'-11" (1.50m)	7'-6" (2.30m)	8'-6" (2.60m)	9'-3" (2.85m)			
а	* 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)			
20	12"	4'-11" (1.50m)	7'-6" (2.30m)	8'-6" (2.60m)	9'-3" (2.85m)			
	* 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 9.23.7.2., 9.23.8.1., & 9.23.9.1. OF THE O.B.C.

	MINIMUM STRIP FOOTING SIZES (9.15.3.)						
	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			
Ī	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.

GARAGE TO HOUSE WALLS/CEILING W/ CONTIN. INSULATION

2" (12.7) GYPSUM BOARD ON CEILING AND ON WALLS INSTALLED ((TERIOR TYPE RIGID INSULATION (JOINTS UNTAPED) MECHANICALI

SEAL ALL JOINTS GAS TIGHT. (9.10.9.16., 9.10.17.10, CAN/ULC-S705.2)

EXTERIOR AND GARAGE STEPS

AS PER SUBSECTION 9.8.10.

23 ATTIC ACCESS (9.19.2.1.)

FIREPLACE CHIMNEYS (9.21.)

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

2), 26 MECHANICAL VENTILATION (9.32.1.3.)

PARTY WALL BEARING (9.23.8)

WALL AND/OR WOOD POST. (9.17.4.3.)

(9.15.3.9.)

32 FURNACE VENTING (9.32.)

34A) HEADER CONSTRUCTION

FIREPLACE VENTING (9.32.3.)

(9.39.)

(37) RANGE HOODS AND RANGE-TOP FANS

CONFORM TO OBC 9.10.22, 9.32, 3.9, & 9.32, 3.10.

CONVENTIONAL ROOF FRAMING (9.23.13., 9.23

FLOOR FRAMING (9.23.3.5., 9.23.9.4., 9.23.14.)

CONC. PORCH SLAB (9.16.4.)

22 DRYER EXHAUST

GARAGE DOOR TO HOUSE (9.10.9.16., 9.10.13.10., 9.10.13.15.)

PRECAST CONC. STEP OR WOOD STEP WHERE NOT EXPOSED TO WEATHER

MAX RISE 7 7/8" (200), MIN. TREAD 10" (255), 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

OUNDATION AS REQUIRED BY ARTICLE 9.8.9.2. OR SHALL BE CANTILEVERED

CAPPED DRYER EXHAUST VENTED TO EXT. CONFORMING TO PART 6, OBC 9.32.

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

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

MECHANICAL EXHAUST FAN, VENTED TO EXTERIOR, TO PROVIDE AT LEAST

12"x12"x5/8" (305x305x15.9) STEEL PLATE FOR STEEL BEAMS AND 12 x12"x1/2"

(305x305x12.7) STEEL PLATE FOR WOOD BEAMS BEAFING (MIN. 3-1/2" (89)) ON CONC. BLOCK PARTY WALL, ANCHORED WITH 2-3/4" (2-19) x 8" (200) LONG GAL ANCHORS WITHIN SOLID BLOCK COURSE. LEVEL W/ NON-SHRINK GROUT.

REFER TO NOTE SOLID BEARING (SECTION 3.0) FOR WD. STUD PARTY WALL.

WOOD 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 RECORD WOOD POST. (61.25)

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

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

MIN. 4" (100) CONCRETE SLAB ON GRADE ON 4" (100) COARSE GRANULAR

FILE BEINFORCED WITH 6x6xW2 9xW2 9 MESH PLACED NEAR MID-DEPTH OF

SLAB. CONC. STRENGTH 32MPa (4640psi) WITH 5-8% AIR ENTRAINMENT ON

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.

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. ALL

JOISTS TO BE STRAPPED WITH 1"x3" (19x64) @ 6-11" (2108) O.C. UNLESS A PANEL TYPE CEILING FINISH IS APPLIED.

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

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.

WALL ASSEMBLY CONTAINS INSULATION CONFORMING TO CAN/ULC-S702 & HA'
A MASS OF NOT LESS THAN 1.22 KG/M2 OF WALL SURFACE AND 1/2' (12.7) TYPE
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. WALL
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 in² (130cm²) SHALL NOT BE CONSIDERED AN UNPROTECTED OPENING AS PER

FOR MAX, 8'-2" (2500) PORCH DEPTH, 5" (127) 32 MPa (4640psi) CONC, SLAB W/

AYER OF BARS & SECOND LAYER OF BARS LAID DIRECTLY ON TOP OF LOWER

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 IN OPPOSITE DIR. 24"x24" (610x610) 10M DOWELS @ 23 5/8" (600) C ANCHORED IN PERIMETER FND. WALLS. SLOPE SLAB 1.0% FROM DOOR.

COOKING APPLIANCE EXHAUST FANS VENTED TO EXTERIOR MUST

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)

Q 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.

OP OF FOUNDATION WALL AND WILL BE SEALED TO THE CONCRE

35 EXPOSED BUILDING FACE w/ LIMITING DISTANCE <= 3'-11' (1.20m)

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

ROOF SURFACE WITHIN A HORIZ. DISTANCE OF 10'-0" (3048) FROM THE CHIMNEY.

INSULATED WITH MIN. R20 (RSI 3.52) ([SB-12] 3.1.1.8.(1))

ONE AIR CHANGE PER HOUR. SEE GENERAL NOTE 2.3.

WOOD FRAMING IN CONTACT TO CONCRETE

FASTENED AS PER MANUFACTURER'S SPECIFICATIONS ON 3/8" EXTERIOR

GRADE SHEATHING ON STUDS BETWEEN HOUSE AND GARAGE, PLUS REQUIRED INSULATION IN WALLS & SPRAY FOAM FOR CEILINGS. TAPE AND

RAME. DOOR EQUIPPED WITH SELF CLOSING

FOUNDATION REDUCTION IN THICKNESS FOR MASONR' 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 BETWEEN WALL AND BRICK VENEER (9.15.4.7(2)(3) & 9.20.9.4(3))

FOUNDATION REDUCTION IN THICKNESS FOR JOISTS HERE 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)) 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) 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 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 FQ. 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. RISE	MIN. F	RISE MAX. RUN	MIN. RUN	ALL STAIR	S	
PRIVATE	7 7/8" (200)	5" (12	25) 14" (355)	10" (255)	MAX. NOSING	1" (25)	
PUBLIC	7" (180)	5" (12	25) NO LIMIT	11" (280)	140 04. 140 01140	1 (20)	
	MIN. STAIR WIDTH		TAPERED T	READS			
DDUATE	2'-10" (860)		MIN. RUN	5 7/8' (150)			
PRIVATE			MIN. AVG. RUN	10" (255)			
PUBLIC	2'-11" (900)		MIN. RUN	5 7/8' (150)			
			MIN. AVG. RUN	11" (280)			

FROM THE CENTERLINE OF INSIDE HANDRAIL. (9.8.4.3.) ** 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/HANDRAILS (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. 5 1/2" (140) HIGH, AND GUARD MIN 3'-6" (1070) HIGH REQUIRED GUARDS

TWEEN 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, RAMPS AND LANDINGS: 2-10" (865) MAX. HEIGHT AT STAIRS, RAMPS AND LANDINGS: 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. @ 7'-10" (2388) 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 HE 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 REI O 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 COLUMN CONNECTION. POURED CONCRETE FOOTING ON NATURAI UNDISTURBED SOIL OF 75KPa OR COMPACTED ENGINEERED FILL WITH MIN. BEARING CAPACITY OF 150kPa AS PER SOILS REPORT.

ORTING 2 STOREY FLR. LOAD PROVIDE 34"x34"x16" (870x870x41 SUPPORTING 3 STOREY FLR. LOAD PROVIDE 40"x40"x19" (1060x1060x480) CONC. FOOTING

3 1/2" (90)Ø x 0.188" (4.78) NON-ADJUSTABLE STEEL COLUMN WITH 6"x6"x3/8" (152x152x9.5) STEEL PLATE TOP & BOTTOM. FIELD WELD BASEMENT COLUMN CONNECTION. POURED CONCRETE FOOTING ON NATURAL UNDISTURBED SOIL OF 75kPa OR COMPACTED ENGINEERED FILL WITH MIN. BEARING CAPACITY OF 150kPa AS PER SOILS REPORT.

SUPPORTING 2 STOREY FLR. LOAD PROVIDE 42"x42"x18" (1070x1070x460) CONC. FOOTING

JPPORTING 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) NON-ADJUSTABLE STEEL COLUMN WITH 6"x6"x3/8" (152x152x9.5) STEEL TOP PLATE & 6"x4"x3/8" (152x160x9.5) 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 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.) "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.

GARAGE TO HOUSE WALLS/CEILING (9.10.9.16.) 2" (12.7) GYPSUM BOARD ON WALL AND CEILING BETWEEN HOUSE AND ARAGE, 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)

cont. SECTION 1.0. CONSTRUCTION NOTES

39	TWO ST	OREY VOL	UME SPA	.CES (9.23	1.10.1., 9.23.1	1., 9.23.16.)			
<u></u>	WALL AS	SEMBLY		WIND LOADS					
	EXTERIOR	STUDS	<= 0.5	kPA (q50)	> 0.5	kPa (q50)			
	EXTENION	31003	SPACING	MAX HEIGHT	SPACING	MAX HE I GHT			
	BRICK		12" (305) O.C.	18'-4" (5588)	8" (200) O.C.	18'-4" (5588)			
	SIDING	(2-38x140) ING 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)			
	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 *					NGINEER **			
	STUDS ARE TO BE CONTINUOUS, C/W 3/8" (9.5) THICK EXTERIOR PLYWOOD								

SHEATHING. PROVIDE SOLID WOOD BLOCKING BETWEEN WOOD STUDS

STRÀPPING @ 24" (610) O.C. ON 8" (200) CONC. BLOCK FILL STRAPPING CAVITY EACH SIDE WITH AT LEAST 90% OF ABSORPTIVE MATERIAL

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.

40A) 2 HR. FIREWALL ([SB-3] WALL TYPE 'B6e' & 'B1b')

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. STLICCO FINISH CONFORMING TO O B.C. SECTION 9.28, AND APPLIED PER ANUFACTURERS SPECIFICATIONS OVER 1 1/2" (38) E.I.F.S. (MINIMUM) APPROVED DRAINAGE MAT ON APPROVED AIR/WATER BARRIER AS PER O. I APPROVED DRAININGE MAI ON APPROVED AIR/WAITER DARRIER AS TER O.B.C. 9.27.3. ON EXTERIOR TYPE RIGID INSULATION (JOINTS UNTAPED) MECHANICAL FASTENED AS PER MANUFACTURER'S SPECIFICATIONS, ON 7/16" EXTERIOR TYPE SHEATHING ON STUDS CONFORMING TO O.B.C (9.23.10.1.) & SECTION 1.1., INSULATION, APPROVED 6 MILL POLYETHYLENE VAPOUR BARRIER, 1/2" (12.7) GYPSUM WALLBOARD INT. FINISH. (REFER TO 35 NOTE AS REQUIRED)

41B STUCCO WALL @ GARAGE CONST. ** FOR DWELLINGS USING CONTIN. INSULATION CONSTRUCTION

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

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.

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.) SUBFACE OF EXTERIOR WALLS SHALL NOT BE LESS THAN B20 (3.52 BSI).

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 TRIM DRIP EDGÈ TÓ BE PROVIDED ON OUTSIDE FACE OF CURB. SCUPPER DRATO BE LOCATED 24" (610) MIN. AWAY FROM HOUSE. PREFINISHED ALUMINUM (PANEL FOR UNDERSIDE OF SOFFIT (9.23.2.3). REMOVE CURB WHERE REQ. **BALCONY CONDITION**

BARREL VAULT CONSTRUCTION

A 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)

WALL AS	SEMBLY		W I ND I	_OADS	
EVTERIOR OTURO		<= 0.5	kPA (q50)	> 0.5	kPa (q50)
EXTERIOR	STUDS	SPACING	MAX HEIGHT	SPACING	MAX HEIGHT
BR I CK	2-2"x6"	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)
(2-38x1	2-2"x8"	12" (305) O.C.	21'-0" (6400)	12" (305) O.C.	21'-0" (6400)
	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') /2" (12.7) GYPSUM SHEATHING ON EACH SIDE ON 2"x2" (38x38) VERTICAL WD 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.

1/2" (12.7) GYSUM 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)

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.)

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.

BARS STACKED VERTICALLY AT INTERIOR FACE OF WALL

- BARS TO HAVE MIN. 1" (25) CONC. COVER - BARS TO EXTEND 2-0" (610) BEYOND BOTH SIDES OF OPENING

43 STUD WALL REINFORCEMENT

WINDOW WELLS

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 INT. FINISH OR APPROVED EQ. INSULATION VALUE DIRECTLY ABOVE THE INNER OLD THE STATE OF EXTENDED WALLS OF SUMMERCED LINES OF SUMMERCED LINES OF EXTENDED WALLS OF SUMMERCED LINES OF SUMERCED LINES OF SUMERCED LINES OF SUMERCED LINES OF SUMERCED LINES OF SUMMERCED LINES OF SUMMERCED LINES OF SUMERCED LINES OF SUMERCE

FLAT ROOF/BALCONY CONSTRUCTION

ANGLED TOWARDS SCUPPER @ 2% MINIMUM LAID PEPPENDICULAR TO 2"x8" (38x184) FLOOR JOISTS @ 16" (406) O.C. (UNLESS OTHERWISE NOTED). BUILT U CURB TO BE 4" (100) MIN. ABOVE FINISHED BALCONY FLOOR. CONTINUOUS L'

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

REGISTRATION INFORMATION

HUNT DESIGN ASSOCIATES INC

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.)						
MIN. STUD SIZE.		SUPPORTED LO				
	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		
in (mm) MAX. STUD SPACING, in (mm) O.C.						
()	MAX. UNSUPPORTED HGT., ft-in (m)					
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		
2"x6"	-	24" (610)	16" (406)	12" (305)		
(38x140)	-	9'-10" (3.0)	11'-10" (3.6)	5'-11" (1.8)		

SECTION 2.0. GENERAL NOTES

2.1. WINDOWS 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

4.1.5.15 OR 9.8.8.2 4) REFER TO TITLE PAGE FOR MAX. U-VALUE REQUIREMENTS

2.2. CEILING HEIGHTS	;
THE CEILING HEIGHTS OF R	OOMS 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.)
STORAGE GARAGE	6'-7" (9.5.3.3.)

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 TO 0BC 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 SB12 - 3.1.1.12. OF THE O.B.C.

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

2"x8" SPRUCE #2

2/2"x8" (2/38x184)

3/2"x8" (3/38x184)

4/2"x8" (4/38x184)

5/2"x8" (5/38x184)

1 3/4" x 9 1/2" LVL

1-1 3/4"x9 1/2"

2-1 3/4"x9 1/2"

2.8. FLASHING (9.20.13., 9.26.4. & 9.27.3.)

1) FLASHING MATERIALS & INSTALLATION SHALL CONFORM TO O.B.C. 2.9. GRADING

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.

SECTION 3.0. LEGEND

2.10. 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 THE SPECIFIED ULC LISTING'. THERE SHALL BE NO DEVIATIONS UNDER ANY CORRESPONDED AND ANY MANUFACTURE REPORTED IN THE SECONDARY OF THE SECONDARY AND SPECIFICATIONS. CIRCUMSTANCES IN ANY 'ULC LISTED ASSEMBLY' IDENTIFIED IN THESE DRAWINGS.

3.1. WOOD LINTELS AND BUILT-UP WOOD

2"x10" SPRUCE #2

2/2"x10" (2/38x235)

3/2"x10" (3/38x235)

ENGINEERED LUMBER SCHEDULE

1 3/4" x 11 7/8" LVL

LVL3 1-1 3/4"x11 7/8" LVL6 2-1 3/4"x11 7/8"

TWO STOREY VOLUME SPACE. SEE CONSTRUCTION NOTE 3
VARYING PLATES, BUILT-OUT FLOORS, BEARING WALLS, ICE & V

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. 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. R4 (RSI 0.7)

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

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

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

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)

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)

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

FM BEAM BY FLOOR MANUFACTURER LIN LINEN CLOSET

BRM | BEAM BY ROOF MANUFACTURER | PL | POINT LOAD

HRV | HEAT RETURN VENTILATION UNIT | WIC | WALK IN CLOSET

G | FIXED GLASS W/ BLACK BACKING | LVL | LAMINATED VENEER LUMBER

4A | INTERIOR | 2'-2" x 6'-8" x 1-3/8" (660 x 2030 x 35)

ABOVE FINISHED FLOOR

CONVENTIONAL ROOF FRAMING

I/TJ| DOUBLE JOIST/ TRIPLE JOIST

M BEAM

DO DO OVER

ORP DROPPED

ENG ENGINEERED

EST | ESTIMATED

FA | FLAT ARCH

D FLOOR DRAIN

FG FIXED GLASS

GT | GIRDER TRUSS

WT | HOT WATER TANK

CLASS 'B' VENT

POT LIGHT

DUPLEX OUTLET (12" HIGH)

Y& LIGHT FIXTURE (PULL CHAIN)

CENTRAL VACUUM OUTLET

SMOKE ALARM (9.10.19.)

CMD CARBON MONOXIDE ALARM (9.33.4.)

CABLE T.V. JACK

HB HOSE BIB

FL FLUSH

FLR FLOOR

D | 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 DEVICE.

JST JOIS

PLT | PLATE

TPTD | PAINTED

PWD POWDER ROOM

SBFA SB FROM ABOVE

I SJ I SINGLE JOIST

SPR SPRUCE

T/O TOP OF

TYP TYPICAL

WD WOOD

3.5. SYMBOLS

ALL ELECTRICAL FACILITIES SHALL BE INSTALLED IN ACCORDANCE WITH SECTION 9.34

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

* CHECK LOCAL BY LAWS FOR REQUIREMENTS ** A CABBON MONOXIDE ALARM(S) ONFORMING TO CAN/CGA-6.19 SHALL BE INSTALLED ON OR NEAR THE CEILING IN EACH

VELLING UNIT ADJACENT TO EACH SLEEPING AREA. CARBON MONOXIDE ALARM(S) IALL BE PERMANENTLY WIRED WITH NO DISCONNECT SWITCH, WITH AN ALARM THAT IS

UDIBLE WITHIN SLEEPING ROOMS WHEN THE INTERVENING DOORS ARE CLOSED.

THE WIDTH OF A WOOD COLUMN SHALL NOT BE LESS THAN THE WIDTH OF SUPPO MEMBER. BUILT-UP WOOD COLUMNS SHALL BE NAILED TOGETHER WITH NOT LESS

IN A WALL DIRECTLY BELOW A GIRDER TRUSS OR ROOF BEAM SHALL CONFORM TO

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

HAN 3" (76) NAILS SPACED NOT MORE THAN 11 3/4" (300) O.C. THE NUMBER OF STUDS

LECTRICAL CIRCUIT AND WITH A BATTERY BACKUP. ALARM SIGNAL SHALL MEET EMPORAL SOUND PATTERNS MIN. ALARMS SHALL HAVE A VISUAL SIGNALLING

OMPONENT AS PER THE "NATIONAL FIRE ALARM AND SIGNALING CODE 72".

U/S UNDERSIDE

WP | WEATHER PROOF

S EXHAUST VENT

↔ ৡ SWITCH (2/3/4 WAY)

TELEPHONE JACK

DUPLEX OUTLET (HEIGHT AS NOTED A.F.

LIGHT FIXTURE (WALL MOUNTED)

CHANDELIER (CEILING MOUNTED

RWL RAIN WATER LEADER

SB | SOLID BEARING WOOD POST

OTB/A OPEN TO BELOW/ABOVE

PT PRESSURE TREATED

INTERIOR DOORS

FOR ALL 10' CEILING

CONDITIONS

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.): (DIVISION B PART 9. TABLES A8 TO A10 AND A12, A15 & A16)

ABLES A-34 TO A-37. (9.17.4., 9.23.10.7.)

1.12 kPa RMING 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 WIND PRESSURE (q50) (SB-1.2.): 0.44 **kPa** 2"x12" SPRUCE #2 2/2"x12" (2/38x286) 3/2"x12" (3/38x286)

3-1 3/4"x9 1/2" 3-1 3/4"x11 7/8" 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. SIZF. BRICK STONE 3 1/2" x 3 1/2" x 1/4" (89 x 89 x 6.4) 8'-1" (2.47m) 7'-6" (2.30m) 4" x 3 1/2" x 1/4" (102 x 89 x 6.4) 8'-9" (2.66m) 8'-1" (2.48m) 5" x 3 1/2" x 5/16" (127 x 89 x 7.9) 10'-10" (3.31m)

11'-5" (3.48m)

14'-1" (4.30m)

B4 4/2"x10" (4/38x235) B6 4/2"x12" (4/38x286)

B8 5/2"x10" (5/38x235) B9 5/2"x12" (5/38x286)

1 3/4" x 14" LVL

2-1 3/4"x14"

LVL10 1-1 3/4"x14"

10'-1" (3.03m) 10'-7" (3.24m) STRUCTION NOTE REVISION DATE: JUNE 09, 2022 12'-6" (3.82m) 11'-7" (3.54m)

HE UNDERSIGNED HAS REVIEWED AND TAKES RESPONSIBILITY FOR THIS DESIGN AND HAS THE QUALIFICATIONS AND MEETS THE REQUIF OUT IN THE ONTARIO BUILDING CODE TO BE A DESIGNER. Derek R. Santos

CONSTRUCTION NOTES Royal Pine Homes/Summer Ridge Estates Inc.-216051 UNIT 2004 "MAYFIELD VILLAGE", BRAMPTŎN, ON. REV.2024.02.07

3/16"=1'-0" BB/TT DS 216051WT2004 8966 Woodbine Ave, Markham, ON L3R 0J7 T 905.737.5133 F 905.737.7326

HUNT LU

5" x 3 1/2" x 7/16" (127 x 89 x 11)

6" x 3 1/2" x 7/16" (152 x 89 x 11)

7" x 4" x 7/16" (178 x 102 x 11)

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