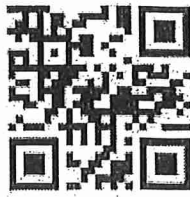


ALL LANDINGS TO BE SUPPLIED AND SUPPORTED BY OTHERS UNLESS SPECIFIED ABOVE

ANY STRAPPING ALLOWANCES TO BE COMPENSATED BY CARPENTERS

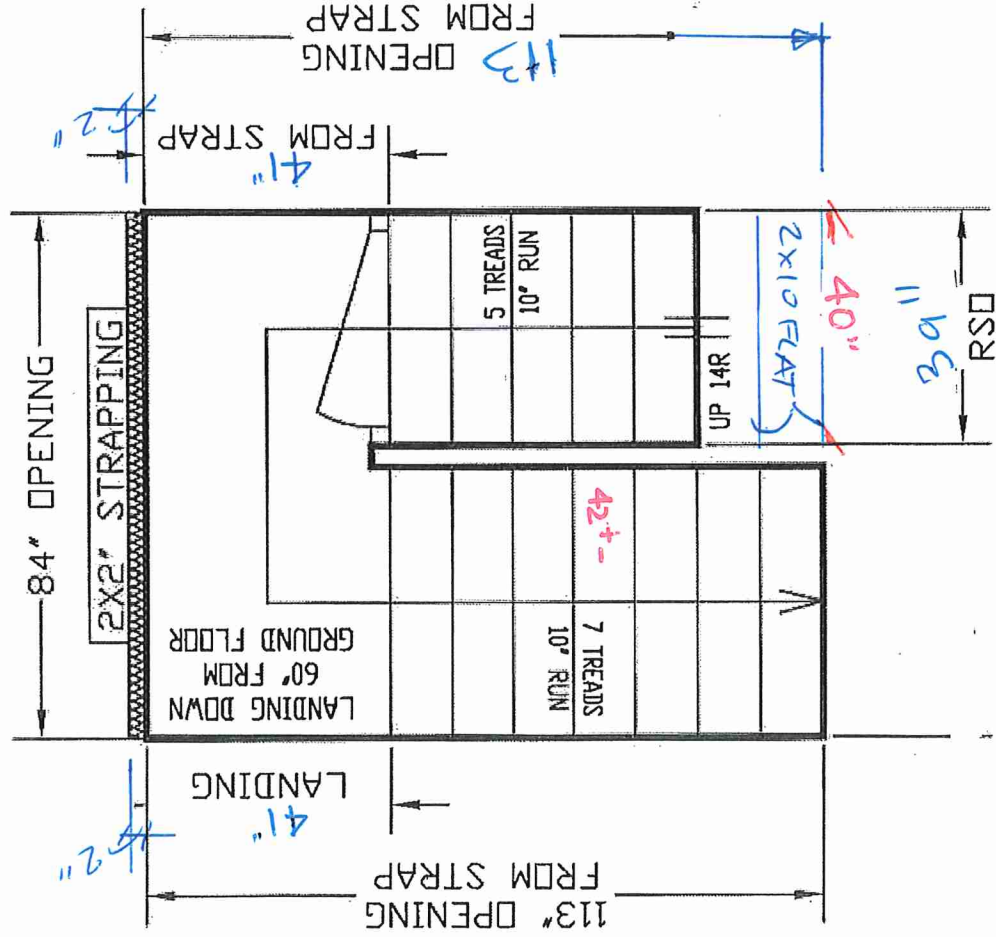
ALL STAIR DIMENSIONS MAY BE MODIFIED FROM ORIGINAL BLUE PRINTS OR SPECS AS SUPPLIED TO ALFA STAIRS AND RAILINGS INC. MEASUREMENTS SHOWN ON LAYOUTS ARE REQUIRED TO INSTALL OUR STAIRS. ANY PROBLEM WITH HEADROOM OR STRAPPING ALLOWANCES, ALFA STAIRS AND RAILINGS INC. WILL NOT BE RESPONSIBLE. STAIR LAYOUTS SHOULD BE CHECKED BY CARPENTERS OR SITE SUPERS TO MAKE SURE THERE ARE NO DISCREPANCIES BEFORE PROCEEDING WITH CONSTRUCTION

ALPHA STAIRS AND RAILINGS INC.
3770 NASHUA DRIVE, UNIT 3 MISSISSAUGA, ONTARIO L4V 1M6
TEL: (905) 694-9556 | www.alpastairs.com

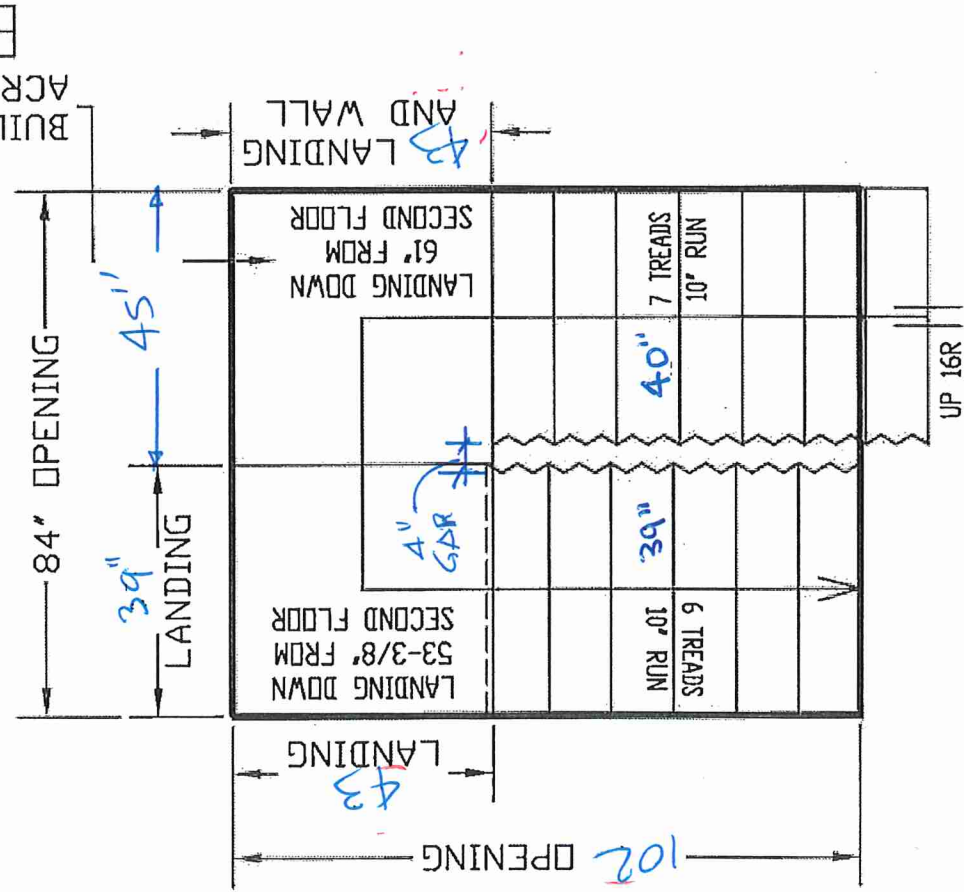


SITE		MAYFIELD VILLAGE		CLIENT	SUMMER RIDGE EST, INC	Model	2502
DRAWN BY		PARAMJEET	JULY 11, 2024				
NAME		DATE					

ALL OPENINGS ARE ALLOWED FOR 1 LAYER OF DRY WALL
ANY ADDITIONAL LAYERS MUST BE ALLOWED BY CARPENTERS



BASEMENT TO GROUND
BSMT 11-7/8" JOIST



GROUND TO SECOND
1227 HT 11-7/8 JOIST

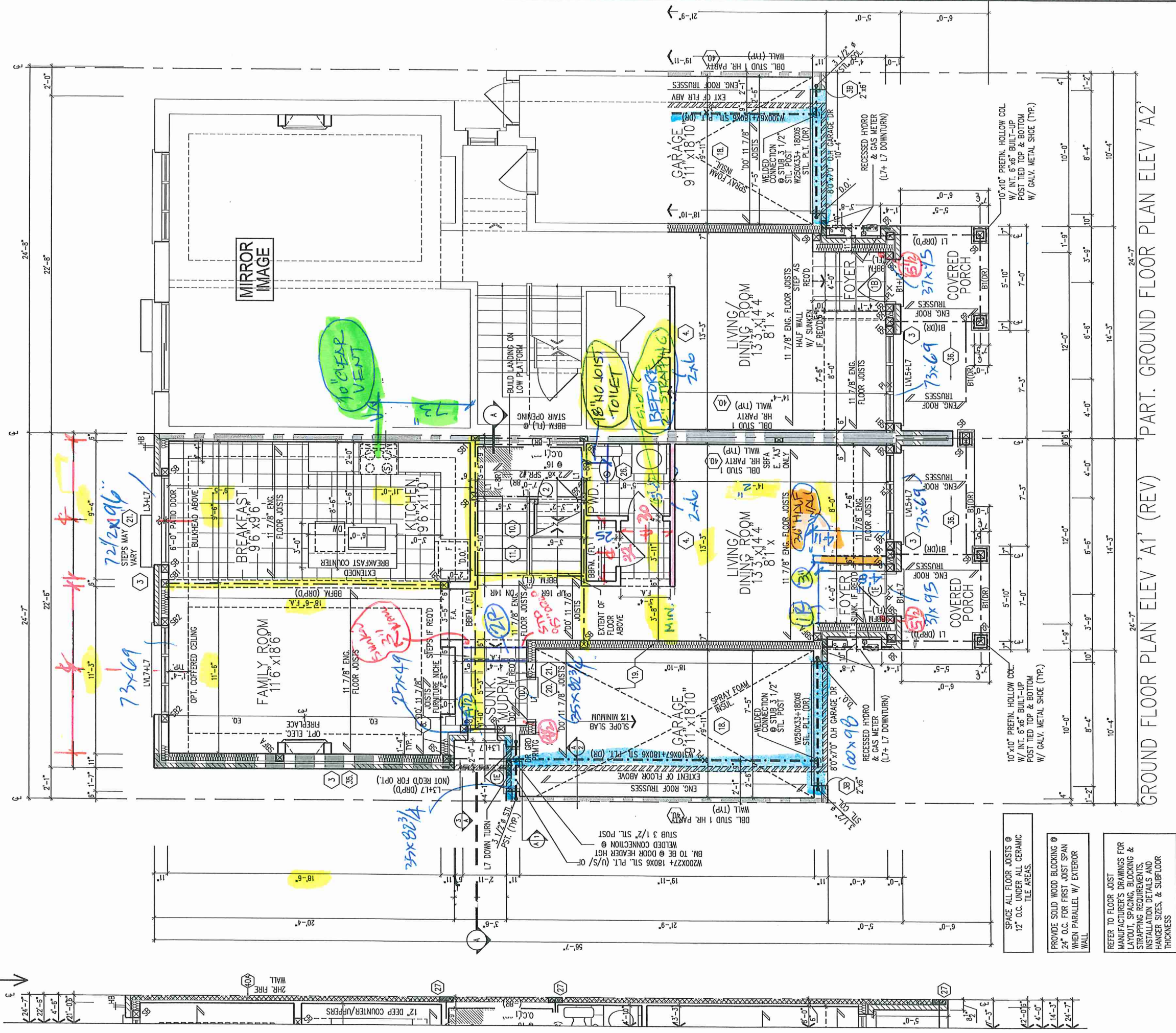
- 206 PLATE RAMSET TOP OF BEAM
- CONFIRM BEAMST WINDOWS CORRECT LOCATION



ББК 292-24

PART. GROUND FLOOR
PLAN EL. 'A1' (REV)
W/ FIREWALL
(EL. 'A2' SIMILAR)

-SD+WINDOWS 96"
-INT. DOORS 83"
-ARCHES 96"
-FRONT DOOR 95"



Buk 292-24

GROUND FLOOR PLAN ELEV 'A1' (REV)/ PART. GROUND FLOOR PLAN ELEV 'A2'

Royal Pine Homes/Summer Ridge Estates Inc.-216051 UNIT-2502
"MAYFIELD VILLAGE", BRAMPTON, ON. REV.2024.03.14

Drawn By: WD
Checked By: DS
Scale: 3/16"=1'-0"
File Number: 216051WS2502
Page Number: 3 of 17

3550 Langstaff Road, Suite 200 Woodbridge, Ontario, L4L 9G3

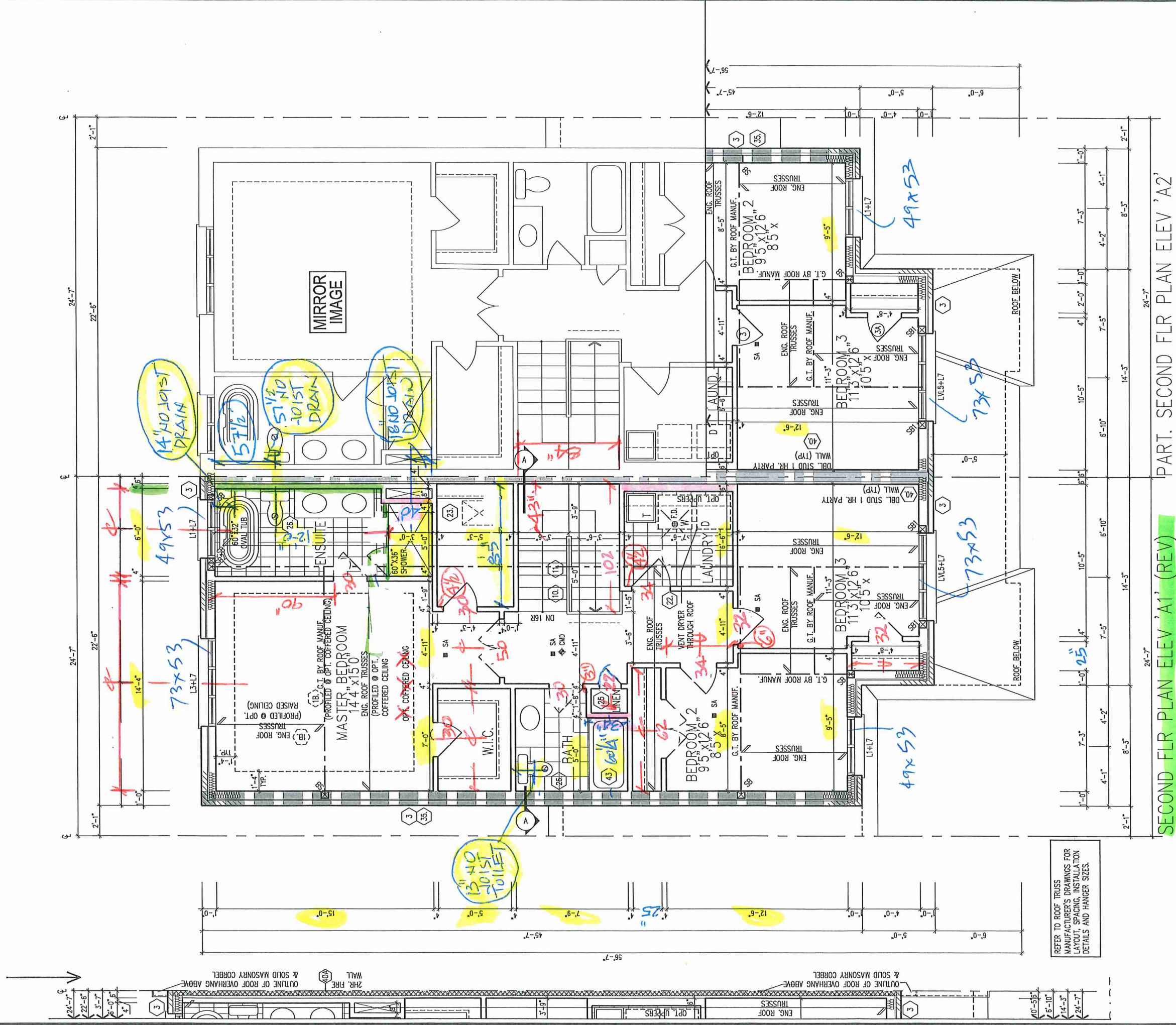
SB: MIN. 2/ 2"x6" SPF OR 3/ 2"x4" SPF
SRI: MIN. 3/ 2"x6" SPF OR 4/ 2"x4" SPF
SP2: MIN. 4/ 2"x6" SPF OR 5/ 2"x4" SPF

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

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

PART. SECOND FLOOR
PLAN EL. 'A1' (REV)
W/ FIREWALL
(EL. 'A2' SIMILAR)



* INT. DOORS 83"
* 2x4 L SHAPE BOTTOM
* CORD CEILING EVERY 8"
* WINDOWS SEE ELEV.

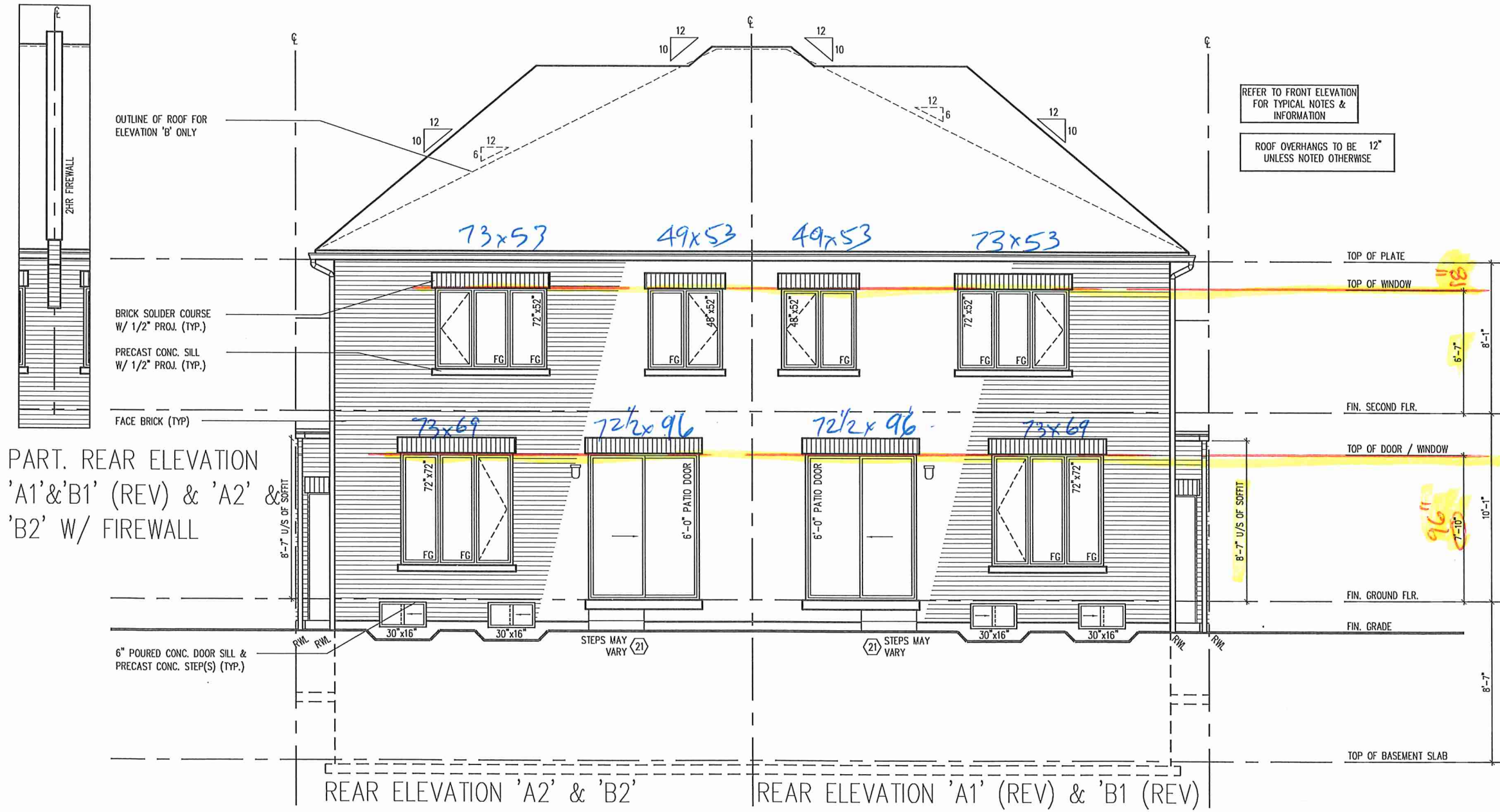
SB: MIN. 2 / 2"x6" SPF OR 3 / 2"x4" SPF
SB1: MIN. 3 / 2"x6" SPF OR 4 / 2"x4" SPF
SB2: MIN. 4 / 2"x6" SPF OR 5 / 2"x4" SPF

SECOND FLOOR PLAN ELEV 'A1' (REV) / 'A2'

Royal Pine Homes/Summer Ridge Estates Inc.-216051 UNIT-2502
"MAYFIELD VILLAGE", BRAMPTON, ON. REV.2024.03.14



BK 292-24



REAR ELEVATION EL A1 & A2/ B1 & B2

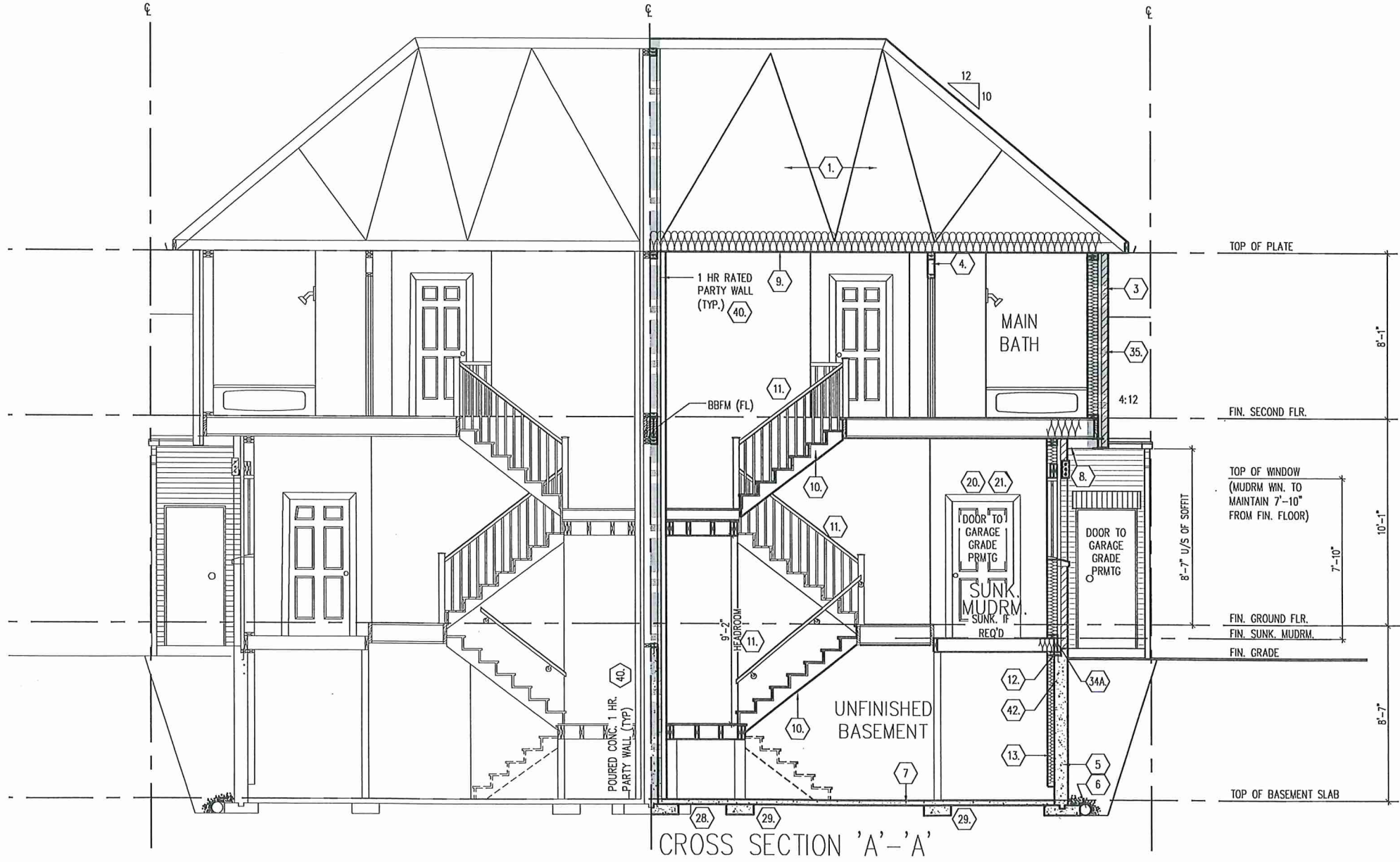
Royal Pine Homes/Summer Ridge Estates Inc.-216051 UNIT-2502
"MAYFIELD VILLAGE", BRAMPTON, ON.
REV:2024.03.14



PAC 292-24

Drawn By: WD
Checked By: DS
Scale: 3/16"=1'-0"
File Number: 216051WS2502
Page Number: 11 of 17

3550 Langstaff Road, Suite 200 Woodbridge, Ontario, L4L 9G3
All drawings specifications related documents and design are the copyright property of Royal Pine Homes. Reproduction of this property in whole or in part is strictly prohibited without R.P.H. written permission. R.P.H. assumes no responsibility or liability for this property unless it bears the appropriate BCIN number and original signature.



CROSS SECTION A-A

Royal Pine Homes/Summer Ridge Estates Inc.-216051 UNIT-2502
"MAYFIELD VILLAGE", BRAMPTON, ON. REV.2024.03.14

Drawn By WD
Checked By DS
Scale 3/16"=1'-0"
File Number 216051WS2502
Page Number 13 of 17

3550 Langstaff Road, Suite 200 Woodbridge, Ontario, L4L 9G3



PAC 292-24

cont. SECTION 1.0. CONSTRUCTION NOTES

39 TWO STOREY VOLUME SPACES (9.23.10.1., 9.23.11., 9.23.16.)

WALL ASSEMBLY	WIND LOADS		
	<= 0.5 kPa (g50)	> 0.5 kPa (g50)	
EXTERIOR	STUDS	SPACING	MAX HEIGHT
BRICK	2-2"x8"	12" (305) O.C.	18'-4" (5588)
	(2-38x140)	18" (460) O.C.	18'-4" (5588)
SIDING	SPR #2	12" (305) O.C.	18'-4" (5588)
	2-2"x8"	12" (305) O.C.	18'-4" (5588)
BRICK	2-2"x8"	12" (305) O.C.	18'-4" (5588)
	(2-38x184)	12" (305) O.C.	18'-4" (5588)
SIDING	SPR #2	12" (305) O.C.	18'-4" (5588)
	2-2"x8"	12" (305) O.C.	18'-4" (5588)

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

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

- FOR HORIZ. DISTANCES LESS THAN 9'-8" (2986) PROVIDE 2"x8" (38x140) STUDS @ 16" (408) O.C. WITH CONTIN. 2"x8" (2-38x140) TOP PLATE + 1-1/2"x8" (1-38x140) BOTTOM PLATE & MIN. OF 3-2"x8" (3-38x184) CONT. HEADER AT GROUND FLOOR CEILING LEVEL TO ENAILED & GLED AT TOP, BOTTOM PLATES & HEADERS.

40 1 HR. PARTY WALL (CONC. BLOCK), (SB-3) WALL TYPE B9d & 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.

40 1 HR. PARTY WALL (DOUBLE STUD), (SB-3) WALL TYPE W13c) 5/8" (15.9) TYPE 'X' GYPSUM SHEATHING ON EXTERIOR SIDE OF 2 ROWS OF 2"x8" (38x38) STUDS @ 16" (408) O.C. MIN. + (25) APART ON SEPARATE 2"x8" (38x38) SILL PLATES (2"x8" (38x140) AS REQUIRED) FILL ONE SIDE OF STUD CAVITY WITH AT LEAST 90% OF ABSORPTIVE MATERIAL PROCESSED FROM ROCK, SLAG OR GLASS. TAPE FILL & SAND ALL GYPSUM JOINTS.

40 2 HR. FIREWALL, (SB-3) WALL TYPE B9d & B1b) 1/2" (12.7) GYPSUM SHEATHING ON EACH SIDE ON 2"x2" (38x38) VERTICAL WOOD STRAPPING @ 24" (610) O.C. MIN. + (25) APART ON SEPARATE 2"x8" (38x38) SILL PLATES (2"x8" (38x140) AS REQUIRED) FILL ONE SIDE OF STUD CAVITY 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. 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 MANUFACTURER'S SPECIFICATIONS OVER 1 1/2" (38) E.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 8 MIL POLYETHYLENE VAPOUR BARRIER, 1/2" (12.7) GYPSUM WALLBOARD INT. FINISH. (REFER TO 36 NOTE AS REQUIRED)

41A STUCCO WALL CONSTRUCTION (2"x6") W/ CONTIN. INSUL. STUCCO FINISH CONFORMING TO O.B.C. SECTION 9.28. AND APPLIED PER MANUFACTURER'S SPECIFICATIONS OVER 1 1/2" (38) E.F.S. (MINIMUM) ON APPROVED DRAINAGE MAT ON APPROVED AIR/WATER BARRIER AS PER O.B.C. 9.27.3. ON EXTERIOR TYPE INSULATION (JOINTS UNFURRED) MECHANICALLY FASTENED AS PER MANUFACTURER'S SPECIFICATIONS, ON 7/8" EXTERIOR TYPE SHEATHING ON STUDS CONFORMING TO O.B.C. (9.23.10.1.) & SECTION 1.1. INSULATION, APPROVED 8 MIL POLYETHYLENE VAPOUR BARRIER, 1/2" (12.7) GYPSUM WALLBOARD INT. FINISH. (REFER TO 36 NOTE AS REQUIRED)

41B STUCCO WALL @ GARAGE CONST. STUCCO FINISH CONFORMING TO O.B.C. SECTION 9.28. AND APPLIED PER MANUFACTURER'S SPECIFICATIONS OVER 1 1/2" (38) E.F.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 36 NOTE AS REQ.) *** FOR DWELLINGS USING CONTIN. INSULATION CONSTRUCTION, PROVIDE APPROVED DRAINAGE MAT ON 7/16" (11) EXTERIOR TYPE SHEATHING OVER FURRING (AS REQ.) AND STUDS IN LIEU OF 1 1/2" (38) E.F.S. (MINIMUM) ON APPROVED DRAINAGE MAT ON 1/2" (12.7) DENSGLASS GOLD GYPSUM BRD.

42 UNSUPPORTED FOUNDATION WALLS (9.13.4.2) 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 REINFORCING AT BASEMENT WINDOWS

42 2-15M HORIZ. REINFORCING ON THE INSIDE AND OUTSIDE FACE OF THE FOUNDATION WALL BELOW THE MIN. 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

43 STUD WALL REINFORCEMENT PROVIDE STUD WALL REINFORCEMENT IN MAIN BATHROOM CONFORMING TO O.B.C. (9.5.2.3.1)) (REFER TO DETAILS)

44 WINDOW WELLS WHERE A WINDOW OPENS INTO A WINDOW WELL, A CLEARANCE OF NOT LESS THAN 21 5/8" (550) SHALL BE PROVIDED IN FRONT OF THE WINDOW. EVERY WINDOW WELL SHALL BE DRAINED TO THE FOOTING LEVEL OR OTHER SUITABLE LOCATION WITH A (100) WEEPING TILE C/W A FILTER CLOTH WRAP AND FILLED WITH CRUSHED STONE. (9.5.10.1.5), 9.14.6.3.)

45 SLOPED CEILING CONSTRUCTION (SB-12) 3.1.1.8., 9.23.4.2) 2"x12" (38x286) ROOF JOISTS @ 16" (408) O.C. MAX. (UNLESS OTHERWISE NOTED) W/ 2"x2" (38x38) PURLINS @ 16" (408) O.C. PERPENDICULAR TO ROOF JOIST (UNLESS 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 SURFACE OF EXTERIOR WALLS SHALL NOT BE LESS THAN R20 (9.52 R51).

46 FLAT ROOF/BALCONY CONSTRUCTION WATERPROOFING MEMBRANE (9.26.11., 9.26.15., 9.26.16) FULLY ADHERED TO 5/8" (15.9) TAG EXTERIOR GRADE PLYWOOD SHEATHING ON 2"x2" (38x38) PURLINS ANGLED TOWARDS SCUPPERS @ 2% MINIMUM LAID PERPENDICULAR TO 2"x8" (38x184) FLOOR JOISTS @ 16" (408) O.C. (UNLESS OTHERWISE NOTED). BUILT UP CURB TO BE 4" (100) MIN. ABOVE FINISHED BALCONY FLOOR. CONTINUOUS 1" TRIM DRIP EDGE TO BE PROVIDED ON OUTSIDE FACE OF CURB. SCUPPER DRAIN TO BE LOCATED 24" (610) MIN. AWAY FROM HOUSE. PREFINISHED ALUMINUM OR PANEL FOR UNDERSIDE OF SOFFIT (9.23.2.3). REMOVE CURB WHERE REQ.

BALCONY CONDITION SEE FLAT ROOF/BALCONY CONSTRUCTION NOTE INCLUDE 2"x4" (38x69) PT. DECKING W/ 1/4" (6.4) GAPS LAID FLAT PARALLEL TO JOISTS ON 2"x4" (38x69) PT. SLEEPERS @ 12" (305) O.C. LAID FLAT PERPENDICULAR TO JOISTS

BALCONY OVER HEATED SPACE CONDITION SEE FLAT ROOF/BALCONY CONSTRUCTION NOTE FOR ASSEMBLY, REFER TO PLANS FOR FLOOR JOIST SIZE & REFER TO HEX NOTE 9 FOR INSULATION AND INTERIOR FINISH. (REFER TO DETAILS)

47 BARREL VAULT CONSTRUCTION CANTILEVERED 2"x4" (38x69) SPACERS LAID FLAT ON 2"x10" (38x235) SPR. #2 ROOF JOIST W/ 1/4" (6.4) GAPS LAID FLAT PARALLEL TO JOISTS ON 2"x4" (38x69) BARREL SPRAY FOAM INSULATION BETWEEN JOISTS W/ GYPSUM BOARD. INTERIOR FIN. (REFER TO DETAILS)

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 CONFORMATION 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, in (mm)	SUPPORTED LOADS (EXTERIOR)
2"x4" (38x69)	ROOF w/ OR w/o ROOF w/ OR w/o w/o ATTIC
2"x6" (38x140)	ATTIC & 1 FLOOR/ATLATIC & 2 FLOOR/ATLATIC & 3 FLOOR
	MAX. STUD SPACING, in (mm) O.C.
	MAX. UNSUPPORTED HGT., 14in (mm)
2"x4" (38x69)	16" (408)
2"x6" (38x140)	12" (305)
	9-10" (3.0)
	9-10" (3.0)
	16" (408)
	12" (305)
	9-10" (3.0)
	11-10" (3.6)
	5-11" (1.3)

SECTION 2.0. GENERAL NOTES

2.1. WINDOWS 1) 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 9.8.10.

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 8'-11" (1800). (9.8.8.1.)

3) WINDOWS IN EXT. STAIRWAYS THAT LESS THAN 2'-11" (600) (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 ROOMS AND SPACES SHALL CONFORM TO TABLE 9.5.3.1.

ROOM OR SPACE	MINIMUM HEIGHTS
LIVING ROOM, DINING ROOM, AND KITCHEN	7'-7" OVER 75% OF REQUIRED FLOOR AREA WITH A CLEAR HEIGHT OF 8'-11" AT ANY POINT
BEDROOM	7'-7" OVER 50% OF REQUIRED FLOOR AREA OR 8'-11" OVER ALL OF THE REQUIRED FLOOR AREA.
BASEMENT	8'-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	8'-11" IN ANY AREA WHERE A PERSON WOULD NORMALLY BE STANDING
FINISHED ROOM NOT MENTIONED ABOVE	8'-11"
MEZZANINES	8'-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 OBC 9.9.2.3.4. WHEN A HRV IS REQUIRED, CONFORM TO 9.9.2.3.11. 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.

2.4. LUMBER 1) ALL 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 CONCRETE BY AT LEAST 2" OF VENTILATED 1/2" (12.7) GYPSUM BOARD OR OTHER DAMPROOFING MATERIAL, EXCEPT WHERE THE WOOD MEMBERS 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 ARCHES 1) FOR 8'-0" (2440) CEILINGS, FLAT ARCHES SHALL BE 8'-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.

2.8. 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.

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 SPOHERD 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 LITELS AND BUILT-UP WOOD (DIVISION B PART 9, TABLE 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 (2), 9.37.3.1.1 (1)

2"x8" SPRUCE #2	2"x10" SPRUCE #2	2"x12" SPRUCE #2
L1 2"x8" (38x184)	L3 2"x10" (259x235)	L5 2"x12" (259x286)
B1 3"x8" (38x184)	B3 3"x10" (38x235)	B5 3"x12" (38x286)
B2 4"x8" (48x184)	B4 4"x10" (48x235)	B6 4"x12" (48x286)
B7 5"x8" (58x184)	B8 5"x10" (58x235)	B9 5"x12" (58x286)

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
LVL2 1-1 3/4" x 9 1/2"	LVL3 1-1 3/4" x 11 7/8"	LVL10 1-1 3/4" x 14"
LVL4 2-1 3/4" x 9 1/2"	LVL5 2-1 3/4" x 11 7/8"	LVL11 2-1 3/4" x 14"
LVL5 3-1 3/4" x 9 1/2"	LVL7 3-1 3/4" x 11 7/8"	LVL12 3-1 3/4" x 14"
LVL8 4-1 3/4" x 9 1/2"	LVL9 4-1 3/4" x 11 7/8"	LVL13 4-1 3/4" x 14"

3.2. STEEL LITELS 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)

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

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

3.3. DOOR SCHEDULE

CONFORMING TO SECTIONS 9.5.11., 9.6., 9.7.2.1., 9.7.5.2., & 9.10.13.10	
1 EXTERIOR	2'-0" x 6'-0" x 1-3/4" (615 x 2030 x 45) INSULATED MIN. R4 (RSI 0.7)
1A EXTERIOR	2'-10" x 6'-0" x 1-3/4" (665 x 2030 x 45) INSULATED MIN. R4 (RSI 0.7)
1B EXTERIOR	3'-0" x 6'-0" x 1-3/4" (915 x 2030 x 45) INSULATED MIN. R4 (RSI 0.7)
1C EXTERIOR	2'-0" x 6'-0" x 1-3/4" (760 x 2030 x 45) INSULATED MIN. R4 (RSI 0.7)
1D EXTERIOR	2'-0" x 6'-0" x 1-3/4" (615 x 2030 x 45) INS. MIN. R4 (RSI 0.7) (SEE HEX NOTE 20)
1E EXTERIOR	3'-0" x 6'-0" x 1-3/4" (915 x 2440 x 45) INSULATED MIN. R4 (RSI 0.7)
1F EXTERIOR	2'-0" x 6'-0" x 1-3/4" (615 x 2440 x 45) INSULATED MIN. R4 (RSI 0.7)
2A EXTERIOR	2'-0" x 6'-0" x 1-3/4" (615 x 2030 x 45) 20 MIN. FRR. DOORFRAME WITH APP. SELF-CLOSING DEVICE
2 INTERIOR	2'-0" x 6'-0" x 1-3/8" (615 x 2030 x 35)
3 INTERIOR	2'-0" x 6'-0" x 1-3/8" (760 x 2030 x 35)
3A INTERIOR	2'-0" x 6'-0" x 1-3/8" (710 x 2030 x 35)
4 INTERIOR	2'-0" x 6'-0" x 1-3/8" (610 x 2030 x 35)
4A INTERIOR	2'-2" x 6'-0" x 1-3/8" (660 x 2030 x 35)
5 INTERIOR	1'-0" x 6'-0" x 1-3/8" (460 x 2030 x 35)

3.4. ACRONYMS

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

3.5. SYMBOLS

SYMBOL	DESCRIPTION
☉	CLASS 'B' VENT
☼	DUPLUX OUTLET (1/2" HIGH)
☼	HEAVY DUTY OUTLET
☼	POT LIGHT
☼	LIGHT FIXTURE (PULL CHAIN)
☼	CABLE T.V. JACK
☼	CENTRAL VACUUM OUTLET
☼	CHAUDELER (CEILING MOUNTED)

■ SA 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 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 SOUND 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-19 SHALL BE INSTALLED ON OR NEAR THE CEILING IN EACH DWELLING UNIT ADJACENT TO EACH SLEEPING AREA. CARBON MONOXIDE ALARMS 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 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 TABLE 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.): 1.12 kPa
WIND PRESSURE (q50) (SB-1.2.): 0.44 kPa

STAMP



FOR STRUCTURAL ONLY NOT INCLUDING ENGINEERED FLOOR OR ROOF SYSTEM

CONTRACTOR MUST VERIFY ALL DIMENSIONS ON THE JOB. REPORT ANY DISCREPANCIES TO HUNT DESIGN ASSOCIATES INC. (H.D.A.) BEFORE PROCEEDING WITH THE WORK. ALL THE DRAWINGS & SPECIFICATIONS ARE THE INSTRUMENTS OF SERVICE AND ARE THE PROPERTY OF H.D.A. 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 ARE BASED ON THE ASSUMPTIONS OF H.D.A. CONSTRUCTION NOTE REVISION DATE: JUNE 05, 2022



ROYAL PINE HOMES - 216051

"LEAFTRAILHOLDINGS", BRAMPTON ONTARIO

Rev Number

216051WS2503

Page Number

13 of 13

DESIGN ASSOCIATES INC.<

