<u>CONSTRUCTION NOTES</u> ALL CONSTRUCTION TO ADHERE TO THESE PLANS AND SPEC'S AND TO CONFORM TO THE ONTARIO BUILDING CODE AND ALL OTHER APPLICABLE CODES AND AUTHORITIES HAVING JURISDICTION. THESE REQUIREMENTS ARE TO BE TAKEN AS MINIMUM SPECIFICATIONS. ONT. REG. 332/12 ROOF CONSTRUCTION NO.210 (10.25kg/m2) ASPHALT SHINGLES, 11.1mm (7/16") ASPENITE SHEATHING WITH "H" CLIPS. APPROVED WOOD TRUSSES @ 600mm (24") O.C. MAX. APPROVED EAVES PROTECTION TO EXTEND 900mm (3'-0") FROM EDGE OF ROOF AND MIN. 300mm (12") BEYOND INNER FACE OF EXTERIOR WALL, (EAVES PROTECTION NOT REQ'D. FOR ROOF 8:12 OR GREATER) 38x89 (2"x4") TRUSS BRACING @ 1830mm (6'-0") O.C. AT BOTTOM CHORD. PREFIN. ALUM. EAVESTROUGH, FASCIA, RWL & VENTED SOFFIT. ATTIC VENTILATION 1:300 OF INSULATED CEILING AREA WITH 25% AT EAVES. AND 25% AT RIDGE (OBC 9.19.1.2)

- FRAME WALL CONSTRUCTION (2"x6") SIDING AS PER ELEVATION, APPROVED AIR BARRIER 11.1mm (7/16") EXTERIOR TYPE SHEATHING, 38x140 (2"x6") STUDS ⊚ 400mm (16") O.C., RSI 3.87 (R22) INSULATION AND APPROVED VAPOUR BARRIER AND APPROVED CONT. AIR BARRIER, 13mm (1/2") INT. DRYWALL FINISH. SIDING TO BE MIN. 200mm (8") ABOVE FIN. GRADE
- FRAME WALL CONSTRUCTION (2"x4") SIDING AS PER ELEVATION. APPROVED AIR BARRIER SSI 0.9 (R5) EXTERIOR RIGID INSULATION BOARD 38x89 (2"x4") STUDS @ 400mm (16") 0.C., WITH APPROVED DIAGONAL WALL BRACING, RSI 3.35 (R19) INSULATION AND APPROVED VAPOUR BARRIER AND APPROVED CONT.
 AIR BARRIER, 13mm (1/2") INT. DRYWALL FINISH.
 SIDING TO BE MIN. 200mm (8") ABOVE FIN. GRADE BRICK VENEER CONSTRUCTION (2"x6")
- ♦ 3. 90mm (4") FACE BRICK 25mm (1") AIR SPACE, 22x180x0.76mm (7/8"x7"x0.03") GALV.

 METAL TIES ◎ 400mm (16") 0.C. HORIZONTAL

 **TORRESS OF TREE OF THE PARTY OF METAL TIES @ 400mm (16") O.C. HORIZONTAL 600mm (24") O.C. VERTICAL. APPROVED AIR BARRIER 11.1mm (7/16") EXTERIOR TYPE SHEATHING, 38x140 (2"x6") STUDS @ 400mm (16") O.C., RSI 3.87 (R22) INSULATION AND APPROVED VAPOUR BARRIER WITH APPROVED CONTIN. AIR BARRIER. 13mm (1/2") INT. DRYWALL FINISH. PROVIDE WEEP HOLES @ 800mm (32") O.C. BOTTOM COURSE AND OVER OPENINGS. PROVIDE THRU-WALL FLASHING UP MIN. 150mm (6") BEHIND BUILDING PAPER. BRICK TO BE MIN. 150mm (6") ABOVE FINISH GRADE.
- ♦ (3A) BRICK VENEER CONSTRUCTION (2"x4") 90mm (4") FACE BRICK 25mm (1") AIR SPACE, 22x180x0.76mm (7/8"x7"x0.03") GALV. METAL TIES © 400mm (16") O.C. HORIZONTAL 600mm (24") O.C. VERTICAL. APPROVED AIR BARRIER RSI 0.9 (R5) EXT. RIGID INSUL. BD., 138.89 (2"x4") STUDS @ 400mm (16") O.C.
 WITH APPROVED DIAGONAL WALL BRACING, RSI 3.35(R19) ♦ 24-) INSULATION AND APPROVED VAPOUR BARRIER WITH INSULATION AND APPROVED VAPOUR BARRIER WITH APPROVED CONT. AIR BARRIER, 13mm (1/2") INT. DRYWALL FINISH. PROVIDE WEEP HOLES © 800mm (32") O.C. BOTTOM COURSE AND OVER OPENINGS. PROVIDE THRU-WALL FLASHING UP MIN. 150mm (6") BEHIND BUILDING PAPER. BRICK TO BE MIN. 150MM(6") ABOVE FINISH GRADE.
- INTERIOR STUD PARTITIONS FOR BEARING PARTITIONS 38x89 (2"x4") @ 400mm (16") O.C. FOR 2 STOREYS AND 300mm (12") O.C. FOR 3 STOREYS, NON-BEARING PARTITIONS 38x89 (2"x4") @ 600mm (24") O.C. PROVIDE 38x89 (2"x4") BOTTOM PLATE AND 2/38x89 (2/2"x4") TOP PLATE. 13mm (1/2") INT. DRYWALL BOTH SIDES OF STUDS, PROVIDE 38x140 (2"x6") STUDS/PLATES WHERE NOTED. ♦ (5.) FOUNDATION WALL/FOOTINGS: —SEE OBC 9.15.3, 9.15.4
- 200mm (8") POURED CONC. FDTN. WALL 20MPa (3000psi) WITH BITUMENOUS DAMPPROOFING AND OPT. (SOUDPS) WITH BITOMENUOUS DAMM-PROUPING AND OPT.

 DRAINAGE LAYER REQ. WHEN BASEMENT INSUL. EXTENDS 900 (2'-11") BELOW FIN. GRADE.

 MAXIMUM POUR HEIGHT 2390 (7'-10") ON 500x155 (20"x6") CONTINUOUS KEYED CONC. FTG. BRACE FDTN. WALL PRIOR TO BACKFILLING.

 ALL FOOTINGS SHALL REST ON NATURAL INDICTINEDS SHALL REST ON NATURAL UNDISTURBED SOIL OR COMPACTED ENGINEERED FILL, WITH MIN. BEARING CAPACITY OF 75kPa OR GREATER. IF SOIL BEARING DOES NOT MEET MIN. CAPACITY, ENGINEERED FOOTINGS ARE REQUIRED. MAX. FLOOR LIVE LOADOF 2.4kpa(50psf) PER FLOOR, AND MAX. LENGTH OF SUPPORTED JOISTS REFER TO SOILS REPORT FOR SOILS CONDITIONS AND BEARING CAPACITY.
- 100mm (4") DIA. WEEPING TILE 150mm (6") CRUSHED STONE OVER AND AROUND WEEPING
- ♦ ⟨7.⟩ BASEMENT SLAB OBC. 9.3.1.6.(1)(b) & 9.16.4.5.(1) 80mm (3")MIN. 25MPa (3600psi) CONC. SLAB ON 100mm (4") COARSE GRANULAR FILL, OR 15MPa. (2200psi) CONC. WITH DAMPPROOFING BELOW SLAB.
- ♦ (8.) EXPOSED FLOOR TO EXTERIOR PROVIDE RSI 5.46 (R31) INSULATION, APPROVED VAPOUR BARRIER AND CONTINUOUS AIR BARRIER, FINISHED SOFFIT.
- ATTIC INSULATION OBC. 12.3.2.1 & 12.3.3.7 RSI 8.81 (R50) BLOWN IN ROOF INSULATION AND APPROVED VAPOUR BARRIER, 16mm (5/8") INT. DRYWALL FINISH OR APPROVED EQUAL.
- ♦ (10.) ALL STAIRS/EXTERIOR STAIRS -OBC. TABLE 9.8.4.1-UNIFORMITY & TOLERANCES FOR RISERS & TREADS

 -BETWEEN ADJACENT TREADS & LANDINGS = 5mm

 -BETWEEN TALLEST & SHORTEST RISER IN FLIGHT=10mm
 - = 200 (77, 37) = 210 (8-1/4") = 235 (9-1/4")MIN. RUN MIN. TREAD MAX. NOSING
 MIN. HEADROOM
 RAIL @ LANDING
 RAIL @ STAIR
 MIN. STAIR WIDTH = 235 (9-1/4) = 25 (1") = 1950 (6'-5") = 1070 (3'-6") = 865 (2'-11") = 860 (2'-10")
- $lack \langle 11.
 angle$ Finished railing on Pickets spaced MAXIMUM 100mm (4") BETWEEN PICKETS. CLEARANCE BET. HANDRAIL AND SURFACE BEHIND IT TO BE 50mm(2") MIN. HANDRAILS TO BE CONT. EXCEPTING FOR NEWEL POST AT CHANGES OF DIRECTION. GUARDS -OBC. 9.8.8.3.-=900mm (2'-11") MIN. =1070mm (3'-6") MIN. EXTERIOR GUARDS: atair/Landing Guards = 1500mm (4'-11") Min. = 1500mm (4'-11") Min.
- ♦ (12) 38x89 (2"x4") SILL PLATE WITH 13mm (1/2") Janus (2 x4) SILL PLATE WITH 15MM (1/2 DIA. ANCHOR BOLTS 200mm (8") LONG, EMBEDDED MIN. 100mm (4") INTO CONC. © 2400mm (7"-10") O.C. USE NON-SHRINK GROUT TO LEVEL SILL PLATE WHEN REQUIRED. (SEE OBC. 9.23.7)
- **STATE WHEN RECOINED. GOLD GOS. 3.25.../

 **STATE WHEN RECOINED. GOLD GOS. 3.25.../

 RSI 3.52 (R20) INSULATION BLANKET OR BATTS

 WITH 38x89 (2"x4") STUD WALL, AND APPROVED VB

 TO 200 (8") ABOVE FIN. FLOOR LEVEL [OBC 12.3.2.4(3)]

 DAMPPROOF WITH BUILDING PAPER BETWEEN THE

 FOUNDATION WALL AND INSULATION UP TO GRADE LEVEL. NOTE: FULL HEIGHT INSULATION AT COLD CELLAR WALLS

♦ (14.) BEARING STUD PARTITION

38x89 (2"x4") STUDS @ 400mm (16") O.C.
38x89 (2"x4") STUDS @ 400mm (16") O.C.
38x89 (2"x4") SILL PLATE ON DAMPPROOFING
MATERIAL, 13mm (1/2") DIA. ANCHOR BOLTS
200mm (8") LONG, EMBEDDED MIN. 100mm
(4") INTO CONC. @ 2400mm (7'-10") O.C.
100mm (4") HIGH CONC. CURB ON 350x155
(14"x6") CONC. FOOTING, ADD HORIZ. BLOCKING AT
MID-HEIGHT IF WALL IS UNFINISHED.

- STEEL BASEMENT COLUMN (SEE O.B.C. 9.17.3.1, 9.17.3.4) 75mm (3") DIA. ADJUSTABLE STL. COL.
 CONFORMING TO CAN/CGSB-7.2M, AND WITH 150x150x9.5
 (6"x6"x3/8") STL. PLATE TOP & BOTTOM. 910x910x300
 (36"x36"x12") CONC. FOOTING ON UNDISTURBED SOIL OR
 ENGINEERED FILL CAPABLE OF SUSTAINING A PRESSURE OF 125 Kpa. MINIMUM AND AS PER SOILS REPORT.
- STEEL BASEMENT COLUMN (SEE O.B.C. 9.17.3.1, 9.17.3.4) 3"x3"x(188) NON-ADJUSTABLE
 STL. COL. WITH 150x150x9.5 (6"x6"x3/8") STL. TOP &
 BOTTOM PLATE ON 910x910x300 (36"x36"x12"). CONC.
 FOOTING ON UNDISTURBED SOIL OR ENGINEERED FILL
 CAPABLE OF SUSTAINING A PRESSURE OF 125 Kpa. MIN.
 AND AS PER SOILS REPORT.
- ♦ (5B) STEEL COLUMN (SEE OBC. 9.17.3.1, 9.17.3.4) 3"x3"x(.188) NON-ADJUSTABLE
 STL. COL. TO BE ON 150x150x9.5 (6"x6"x3/8")
 STEEL TOP PLATE, & BOTTOM PLATE.
 BASE PLATE 120x250x12.5 (4 1/2"x10"x1/2") WITH
 2-12mm DIA. x 300mm LONG x50mm HOOK ANCHORS
 (2-1/2"x12"x2") FIELD WELD COL. TO BASE PLATE.
- | STEEL COLUMN (SEE OBC. 9.17.3.1, 9.17.3.4)
 | 90mm(3-1/2") DIA.X4.78mm(.188) NON-ADJUSTABLE STL. COL. TO BE ON 150x150x9.5 (6"x6"x3/8")
 | STEEL TOP PLATE, & BOTTOM PLATE. BASE PLATE 120x250x12.5 (4 1/2"x10"x1/2") WITH 2-12mm DIA. x 300mm LONG x50mm HOOK ANCHORS (2-1/2"x12"x2") FIELD WELD COL. TO BASE PLATE.
- BEAM POCKET OR 300x150 (12"x6") POURED CONC. NIB WALLS. MIN. BEARING 90mm (3-1/2")
 - 17) 19x64 (1"x3") CONTINUOUS WD. STRAPPING BOTH SIDES OF STEEL BEAM.
- GARAGE SLAB: 100mm (4") 32MPa (4640psi) CONC. SLAB WITH 5-8% AIR ENTRAINMENT ON OPT. 100 (4") COARSE GRANULAR FILL WITH COMPACTED SUB-BASE OR COMPACTED NATIVE FILL SLOPE TO FRONT AT 1% MIN.
- 13mm (1/2") GYPSUM BD. ON WALL AND CEILING BETWEEN HOUSE AND GARAGE, RSI 3.35 (R19) IN WALLS, RSI 4.4 (R25) IN CEILING. TAPE AND SEAL ALL JOINTS AIR TIGHT. FUMP PROOF, PER OBC 9.10.9.16
 - DOOR AND FRAME GASPROOFED. DOOR EQUIPPED WITH SELF CLOSING DEVICE AND WEATHERSTRIPPING. PER OBC 9.10.13.15
 - WOOD STEP, C/W HANDRAIL & LANDING IF MORE THAN 3 RISERS, MAX.RISE 200mm (7-7/8") MIN.TREAD 250mm (9-1/2") SEE OBC 9.8.9.2, 9.8.9.3 & 9.8.10
 - CAPPED DRYER EXHAUST VENTED TO EXTERIOR. (USE 100mm(4") DIA. SMOOTH WALL VENT PIPE) OBC 6.2.3.8.(7)
- ATTIC ACCESS HATCH 545x610 (21.5"x24") WITH A MIN. AREA OF 3.44 SF WITH WEATHERSTRIPPING RSI 7.0 (R40) RIGID INSUL. BACKING OBC 9.19.2
- FIREPLACE CHIMNEYS -OBC. 9.21.TOP OF FIREPLACE CHIMNEY SHALL BE 915mm
 (3'-0") ABOVE THE HIGHEST POINT AT WHICH
 IT COMES IN CONTACT WITH THE ROOF
 AND 610mm (2'-0") ABOVE THE ROOF SURFACE
 WITHIN A HORIZ. DISTANCE OF 3050mm
 (10'-0") FROM THE CHIMNEY.
- (25.) LINEN CLOSET, 4 SHELVES MIN. 350mm (14") DEEP.
- MECHANICAL EXHAUST FAN, VENTED TO EXTERIOR, TO PROVIDE AT LEAST ONE AIR CHANGE PER HOUR.
- STEEL BEARING PLATE FOR MASONRY WALLS 280x280x16 (11"x11"x5/8") STL. PLATE FOR
 STL BEAMS AND 280x280x12 (11"x11"x1/2")
 STL. PLATE FOR WOOD BEAMS BEARING ON CONC.
 BLOCK PARTYWALL, ANCHORED WITH 2-19mm (3/4")
 x 200mm (8") LONG GALV. ANCHORS WITHIN SOLID
 BLOCK COURSE. LEVEL WITH NON-SHRINK GROUT. OR

SOLID WOOD BEARING FOR WOOD STUD WALLS SOLID BEARING TO BE AT LEAST AS WIDE AS THE SUPPORTED MEMBER. SOLID WOOD BEARING COMPRISED OF BUILT-UP WOOD STUDS TO BE CONSTRUCTED IN ACCORDANCE WITH OBC. 9.17.4.2 (2).

- U.L.C. RATED CLASS "B" VENT 610mm (2'-0") ABOVE THE POINT IN CONTACT WITH THE ROOF FOR SLOPES UP TO 9/12, REFER TO THE ONTARIO GAS UTILIZATION CODE.
- 3-38x140 (3-2"x6") BUILT-UP-POST ON METAL BASE SHOE ANCHORED TO CONC. WITH 12.7 DIA. BOLT, 610x610x300 (24"x24"x12") CONC. FTG. OBC 9.17.4
- STEP FOOTINGS: MIN. HORIZ. STEP = 600 mm (23-5/8"). MAX. VERT. STEP = 600 mm (23-5/8") FOR FIRM SOILS.
- PORCH SLAB/STEPS: 130 mm (5") MIN. CONC. 32 MPa SLAB AIR ENTRAINMENT MIN. 5 TO 8% AT 28 DAYS, 10 M BARS @ 250 0/C EACH WAY 10M DOWELS @400 (16") 0.0 2-15m IN THICKENED AREA FROM WALL
- TO SLAB ALL SIDES (SEE DETAIL) DIRECT VENT FURNACE TERMINAL MIN. 900mm (36") FROM A GAS REGULATOR. MIN. 300mm (12") ABOVE FIN. GRADE, FROM ALL OPENINGS, EXHÀUST AND INTAKE VENTS. HRV INTAKE TO BE A MIN. OF 1830mm (6'-0") FROM ALL EXHAUST TERMINALS. REFER TO GAS UTILIZATION CODE.
- DIRECT VENT GAS FIREPLACE. VENT TO BE A MINIMUM 300mm (12") FROM ANY OPENING AND ABOVE FIN. GRADE. REFER TO GAS UTILIZATION CODE.
- ♦ (34.) SUBFLOOR, JOIST STRAPPING AND BRIDGING SUBFLOOR, JOIST STRAPPING AND BRIDGING

 -16mm (5/8") T & G SUBFLOOR ON WOOD
 FLOOR JOISTS. FOR CERAMIC TILE APPLICATION
 (* SEE OBC 9.30.6.1 *)
 6mm (1/4") PANEL TYPE UNDERLAY UNDER
 RESILIENT & PARQUET FLOORING.
 (-* SEE OBC 9.30.2 *)
 ALL JOISTS TO BE BRIDGED WITH 38x38 (2"x2")
 CROSS BRACING OR SOLID BLOCKING @ 2100mm
 (6"-11") O.C. MAX. ALL JOISTS TO BE
 STRAPPED WITH 19x64 (1"x3") @ 2100mm
 (6"-11") O.C. UNLESS A PANEL TYPE CEILING
 FINISH IS APPLIED. (SEE OBC 9.23.9.4)

 FYPOSED BILLI DING FACE -0RC 9.10.14.5-
- EXPOSED BUILDING FACE -OBC. 9.10.14.5-EXTERIOR WALLS TO HAVE A FIRE RESISTANCE RATING OF NOT LESS THAN 45 min. WHERE LIMITING DISTANCE IS LESS THAN 1.2M (3'-11"). WHERE THE LIMITING DISTANCE IS LESS THAN 600mm (1'-11") THE EXPOSING FACE SHALL BE CLAD IN NON-COMBUSTIBLE MATERIAL.
- COLD CELLAR PORCH SLAB (OBC 9.39) FOR MAX. 2500mm (8'-2") PORCH DEPTH, (SHORTEST DIMENSION) (SHORRES) DIMENSION)
 125mm (4 7/8") 32MPa (4640psi) CONC. SLAB WITH
 5-8% AIR ENTRAINMENT. REINF. WITH 10M BARS
 © 200mm (7 7/8") O.C. EACH WAY IN BOTTOM THIRD
 OF SLAB, MIN. 30mm(1 1/4") COVER, 600X600mm 23 5/8"x23 5/8") 10M DOWELS @ 600mm (23 5/8") O.C., ANCHORED IN PERIMETER FDTN.
 WALLS. SLOPE SLAB MIN. 1.0% FROM HOUSE WALL.
 SLAB TO HAVE MIN. 75mm(3") BEARING IN FDN. WALLS. PROVIDE (L7) LINTELS OVER CELLAR DOOR & WITH 100mm(4") END BEARING.

THE FDTN. WALL SHALL NOT BE REDUCED TO THE FOTN. WALL SHALL NOT BE REDUCED TO LESS THAN 90mm (3-1/2") THICK TO A MAX. DEPTH OF 350mm (13-3/4") AND SHALL BE TIED TO THE FACING MATERIAL WITH METAL TIES SPACED 200mm (8") O.C. VERTICALLY AND 900mm (36") O.C. HORIZONTALLY. FILL SPACE BETWEEN WALL AND FACING SOLID WITH MORTAR. (SEE OBC 9.15.4.7)

CONVENTIONAL ROOF FRAMING

38x140 (2"x6") RAFTERS @ 400mm (16"0.C.), FOR MAX. 11'-7" SPAN. FOR MAX. 11'-7" SPAN.

38x184 (2"x8") RIDGE BOARD. 38x89 (2"x4")

COLLAR TIES AT MIDSPANS. CEILING JOISTS TO

BE 38x89 (2"x4") @ 400mm (16") 0.C. FOR MAX.

2830mm (9'-3") SPAN & 38x140 (2"x6") @ 400mm

(16") 0.C. FOR MAX. 4450mm (14'-7") SPAN.

RAFTERS FOR BUILT-UP ROOF TO BE 38x89 (2"x4")

@ 600mm (24") 0.C. WITH A 38x89 (2"x4") CENTRE

POST TO THE TRUSS BELOW, LATERALLY BRACED AT

1800mm (6"-0") 0.C. VERTICALLY.

- EXTERIOR WALLS FOR WALK-OUT CONDITIONS
- THE EXTERIOR BASEMENT STUD WALL TO BE 38x140 (2"x6") STUDS @ 16" o.c. OR 38x89 (2"x4") STUDS @ 12"o.c.
- FOR HIGH WALL UP TO 18'=0":
 CONSTRUCTION: 2"X6" SPACING AS INDICATED
 BLOCKING: 3 ROMS @ 4'-6" O/C ±
 SHEATHING: 71/6" ASPENITE
 NAILING: 2" STAPLES BET. 4" AND 6" O/C ALONG STUDS NAILING: 2" 51 APLES BET. 4" AND 6" 0/C ALC STID 5PACING WITH VARIOUS FINISHES: 1. SIDING-METAL OR VINYL- 2"X6" @16" 0/C 2. STUCCO -2"X6" @16" 0/C 3. BRICK TO 4"-0" -2"X6" @16" 0/C 4. BRICK FULL HEIGHT -2"X6" @12" 0/C

(39.) TWO STOREY VOLUME SPACES

- 40.) TYPICAL 1 HOUR RATED PARTYWALL. REFER TO DETAILS FOR TYPE AND SPECIFICATIONS.
- STRIP FOOTING SUPPORTING EXTERIOR WALLS
- -SEE OBC 9.15.3.

 -ASSUMING MASONRY VENEER CONSTRUCTION, MAX. FLOOR LIVE LOAD OF 2.44Pa. (50psf.) PER FLOOR, AND MAX. LENGTH OF SUPPORTED FLOOR JOISTS IS 4.9m (16'-1"). THE STRIP FOOTING SIZE IS AS FOLLOWS:
 - 2 STOREY (STANDARD) 500x155 (20"x6")
 2 STOREY (WALK-OUT BASEMENT) 545x175 (22"x7")
 (UNLESS OTHERWISE NOTED ON PLAN)
- 43) FLASHING FOR EXT. WALL OPENINGS (O.B.C.9.27.3.8.(3) (44) SUMP PITS (WHERE REQ'D) SEE O.B.C. 9.14.5.2 MUST BE SEALED AS PER 9.25.3.3.(16)

WINDOWS: 1) MINIMUM BEDROOM WINDOW -OBC. 9.9.10. AT LEAST ONE BEDROOM WINDOW ON A GIVEN FLOOR IS TO HAVE MIN. 0.35m2 UNIOBSTRUCTED GLAZED OR OPENABLE AREA WITH MIN. CLEAR WIDTH OF 380 mm (1'-3").

- 2) WINDOW GUARDS —OBC. 9.8.8.1.
 A GUARD IS REQUIRED WHERE THE TOP OF THE WINDOW SILL IS LOCATED LESS THAN 480mm (1"-7") ABOVE FIN. FLOOR AND THE DISTANCE FROM THE FIN. FLOOR TO THE ADJACENT GRADE IS GREATER THAN 1800mm (5'-11")
- 3) ALL WINDOWS TO COMPLY WITH THERMAL RESISTANCE REQUIREMENTS STATED IN OBC 12.3.2.6. AND SB12 PRESCRIPTIVE COMPLIANCE PACKAGE, AND OBC 9.5, 9.6, 9.7
- MECHANICAL VENTILATION IS REQUIRED TO PROVIDE 0.3 AIR CHANGES PER HOUR AVERAGED OVER 24 HOURS. SEE MECHANICAL DRAWINGS.
 ALL DOWNSPOUTS TO DRAIN AWAY FROM THE BUILDINGAS PER OBC 9.26.18.2 AND MUN. STANDARDS. **GENERAL**
 - ALL WINDOW WELLS TO DRAIN TO FOOTING LEVEL PER OBC 9.14.6.3 CHECK WITH LOCAL AUTHORITY. PROVIDE STUD WALL REINFORCEMENT FOR FUTURE GRAB BARS IN BATHROOMS. REINF. OF STUD WALLS SHALL BE INSTALLED ADJACENT TO WATER CLOSETS AND SHOWER OR BATHTUB IN MAIN BATHROOM, SEE OBC 9.5.2.3., 3.8.3.8.(1)(d) & 3.8.3.13.(1)(f).
- LUMBER: ALL LUMBER SHALL BE SPRUCE NO.2 GRADE, UNLESS NOTED OTHERWISE.
 - STUDS SHALL BE STUD GRADE SPRUCE, UNLESS NOTED OTHERWISE.
 - LUMBER EXPOSED TO THE EXTERIOR TO BE SPRUCE No.2 GRADE PRESSURE TREATED OR CEDAR, UNLESS NOTED OTHERWISE.

 ALL LAMINATED VENEER LUMBER (L.V.L.) BEAMS, GIRDER TRUSSES, AND METAL HANGER CONNECTIONS SUPPORTING ROOF FRAMING TO BE DESIGNED & CERTIFIED BY TRUSS MANUF.
 - LVL BEAMS SHALL BE 2.0E WS MICRO-LAM LVL (Fb=2800psi.Mn.) OR EQUIVALENT. NAIL EACH PLY OF LVL WITH 89mm (3 1/2") LONG COMMON WIRE NAILS @ 300mm (12") O.C. STAGGERED IN 2 ROWS FOR 184, 240 & 300mm (7 1/4",9 1/2", 11 7/8") DEPTHS AND STAGGERED IN 3 ROWS FOR GREATER DEPTHS AND FOR 4 PLY MEMBERS ADD 13mm (1/2") DIA. GALVANIZED BOLTS BOLTED AT MID-DEPTH OF BEAM @ 915mm (3'-0") O.C.
 - ♦ 6) PROVIDE TOP MOUNT BEAM HANGERS TYPE "SCL" MANUFACTURED BY MGA CONNECTOR LTD.
 Tel. (905) 642-3175 OR EQUAL FOR ALL LVL BEAM TO BEAM CONNECTIONS UNLESS OTHERWISE NOTED
 - 7) JOIST HANGERS: PROVIDE METAL HANGERS FOR ALL JOISTS AND BUILT-UP WOOD MEMBERS INTERSECTING FLUSH BUILT-UP WOOD MEMBERS.
 - ♦ 8) WOOD FRAMING NOT TREATED WITH A WOOD PRESERVATIVE, IN CONTACT WITH CONCRETE, SHALL BE SEPARATED FROM THE CONCRETE BY AT LEAST 2 mil. POLYETHYLENE FILM, No. 50 (45lbs.) ROLL ROOFING OR OTHER DAMPPROOFING MATERIAL, EXCEPT WHERE THE WOOD MEMBER IS ST LEAST 150mm (6") ABOVE THE GROUND.
- STRUCTURAL STEEL SHALL CONFORM TO CAN/CSA-G40-21 GRADE 300W. HOLLOW STRUCTURAL SECTIONS SHALL CONFORM TO CAN/CSA-G40-21 GRADE 350W CLASS "H".

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

REFER TO SB12 PRESCRIPTIVE COMPLIANCE PACKAGE DETAILS (ALL MODELS)

	♦	WOOD LINTELS AND BUILT-UP WOOD BEAMS
	L1 B1 B2	2/38 x 184 (2/2" x 8") SPR.#2 3/38 x 184 (3/2" x 8") SPR.#2 4/38 x 184 (4/2" x 8") SPR.#2
_	L3 B3 B4	2/38 × 235 (2/2" × 10") SPR.#2 3/38 × 235 (3/2" × 10") SPR.#2 4/38 × 235 (4/2" × 10") SPR.#2
	L5 B5 B6	2/38 × 286 (2/2" × 12") SPR.#2 3/38 × 286 (3/2" × 12") SPR.#2 4/38 × 286 (4/2" × 12") SPR.#2
	♦	LOOSE STEEL LINTELS
_	L7 L8 L9 L10 L11 L12	125 x 90 x 10.0L (5" x 3-1/2" x 3/8"L)
▼	LVL2	2-1 3/4"x7 1/4" (2-45x184) 3-1 3/4"x7 1/4" (3-45x184) 4-1 3/4"x7 1/4" (4-45x184)

2-1 3/4"x9 1/2" (2-45x240) 3-1 3/4"x9 1/2" (3-45x240) 2-1 3/4"x11 7/8" (2-45x300) LVL6 3-1 3/4"x11 7/8" (3-45x300) ♦ STEEL COLUMNS (UNLESS NOTED OTHERWISE)

TP = (1) 3" DIA. ADJ. ST. POST

2TP = (2) 3" DIA. ADJ. ST. POSTS

3TP = (3) 3" DIA. ADJ. ST. POSTS

865 x 2030 x 45 (1A) $(2'-10" \times 6'-8" \times 1-3/4")$ INSULATED MIN. RSI 0.7 (R4) EXTERIOR 915 x 2030 x 45 (3'-0" x 6'-8" x 1-3/4") (1B)DOOR INSULATED MIN. RSI 0.7 (R4) 815 x 2030 x 35 (2'-8" x 6'-8" x 1-3/8") (2.) DOOR 815 x 2030 x 45 (2'-8" x 6'-8" x 1-3/4") 20 MIN. RATED DOOR AND EXTERIOR (2A)DOOR FRAME, WITH APPROVED SELF CLOSING DEVICE. (NOTE: EXTERIOR DOOR TO CONFORM TO OBC 9.5, 9.6, 9.7) 760 x 2030 x 35 (2'-6" x 6'-8" x 1-3/8") INTERIOR DOOR (3.) INTERIOR DOOR 710 x 2030 x 35 (2'-4" x 6'-8" x 1-3/8")

♦ DOOR SCHEDULE (UNLESS NOTED ON PLAN)

EXTERIOR DOOR

EXTERIOR

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

_		
4.	INTERIOR DOOR	610 x 2030 x 35 (2'-0" x 6'-8" x 1-3/8")
(4A)	INTERIOR DOOR	660 x 2030 x 35 (2'-2" x 6'-8" x 1-3/8")
(5.)	INTERIOR DOOR	460 x 2030 x 35 (1'-6" x 6'-8" x 1-3/8")

SMOKE ALARM (REFER TO OBC 9.10.19.)
PROVIDE 1 PER FLOOR, NEAR THE STAIRS
CONNECTING THE FLOOR LEVEL. ONE PER
SLEEPING ROOMS, INCLUDING HALLWAYS
BE CONNECTED TO AN ELECTRICAL CIRCUIT
AND INTERCONNECTED TO ACTIVATE ALL
ALARMS WHEN ONE ALARM SOUNDS.
LOCATED AS PER MANUF. RECOMMENDATION

WHERE A FUEL-BURNING APPLIANCE IS INSTALLED IA A DWELLING UNIT, A CARBON MONOXIDE ALARM

SR2 - 2 MEMBER BUILT-LIP STUD SB2 — 2 MEMBER BUILT-UP STUD SB3 — 3 MEMBER BUILT-UP STUD SB4 — 4 MEMBER BUILT-UP STUD NOTE: SOLID BEARING TO BE AS WIDE AS SUPPORTED MEMBER. SOLID BEARING TO BE A MINIMUM OF P2(ONE CONTINOUS STUD AND ONE JACK STUD, UNLESS OTHERWISE NOTED ON PLAN.

LEGEND

- CLASS 'B' VENT (S) EXHAUST VENT DUPLEX OUTLET (12" HIGH)
- DUPLEX OUTLET (HEIGHT AS NOTED A.F.F) ⊕ vį
- WEATHERPROOF DUPLEX OUTLET HEAVY DUTY OUTLET
- \Diamond POT LIGHT

DOUBLE JOIST

TRIPLE JOIST

LAMINATED VENEER LUMBER

PRESSURE TREATED LUMBER

GIRDER TRUSS BY ROOF TRUSS MANUF.

POINT LOAD FROM ABOVE

₩ %

DJ

TJ

LVL

×**%**

P.T.

G.T.

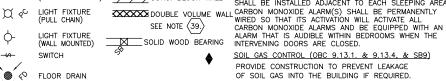
F.A. FLAT ARCH

C.A.

C.A.

Curved arch

M.C. MEDICINE CABINET (CEILING MOUNTED) CONC. BLOCK WALL CONFORMING TO CAN/CSA-6.19, CSA 6.19 OR UL2034 SHALL BE INSTALLED ADJACENT TO EACH SLEEPING AREA. LIGHT FIXTURE (PULL CHAIN) Χç



HOSE BIB

SOIL GAS CONTROL (OBC 9.13.1. & 9.13.4, & SB9) PROVIDE CONSTRUCTION TO PREVENT LEAKAGE OF SOIL GAS INTO THE BUILDING IF REQUIRED. (SEE ALSO O.B.C. 9.1.1.7.(1) CONTRACTOR MUST VERIFY ALL DIMENSIONS ON THE JOB

CARBON MONOXIDE ALARM (OBC 9.33.4)

AND REPORT ANY DISCREPANCY TO THE ARCHITECT BEFORE AND REPORT ANY DISCREPANCY TO THE ARCHITECT BEFOR PROCEEDING WITH THE WORK.

ALL DRAWINGS AND SPECIFICATIONS ARE INSTRUMENTS OF SERVICE AND THE PROPERTY OF THE ARCHITECT WHICH MUST BE RETURNED AT THE COMPLETION OF THE WORK.

ALL DRAWINGS TO BE USED FOR CONSTRUCTION ONLY AFTER BUILDING PERMIT HAS BEEN ISSUED.

DESIGNER INFORMATION:

Dustin Poole BCIN: 37560

I review and take responsibility for the design work and am qualified in the appropriate category as Other Designer under subsection 3.2.5. of Div. C of the Building Code.



Viljoen Architect Inc.

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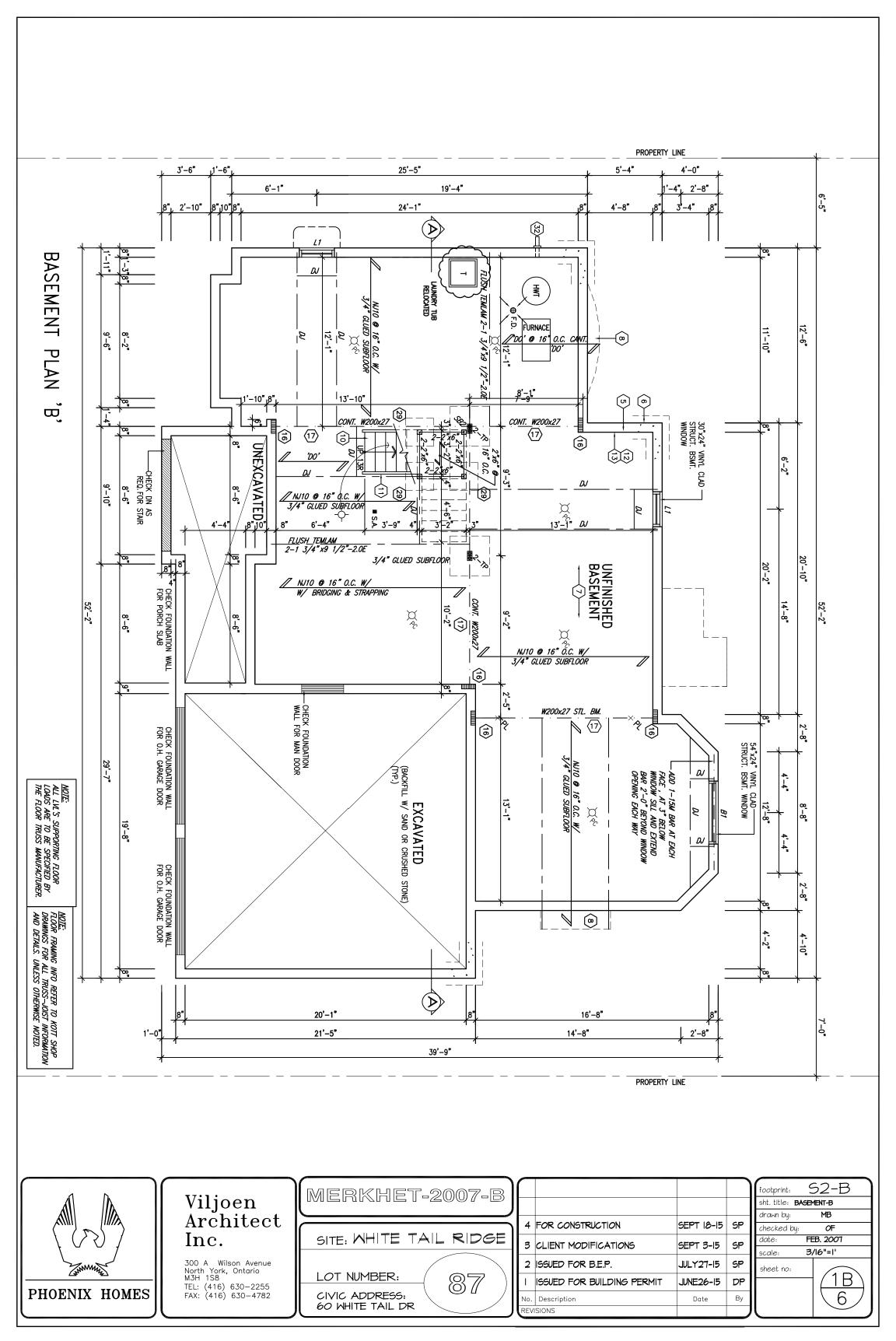
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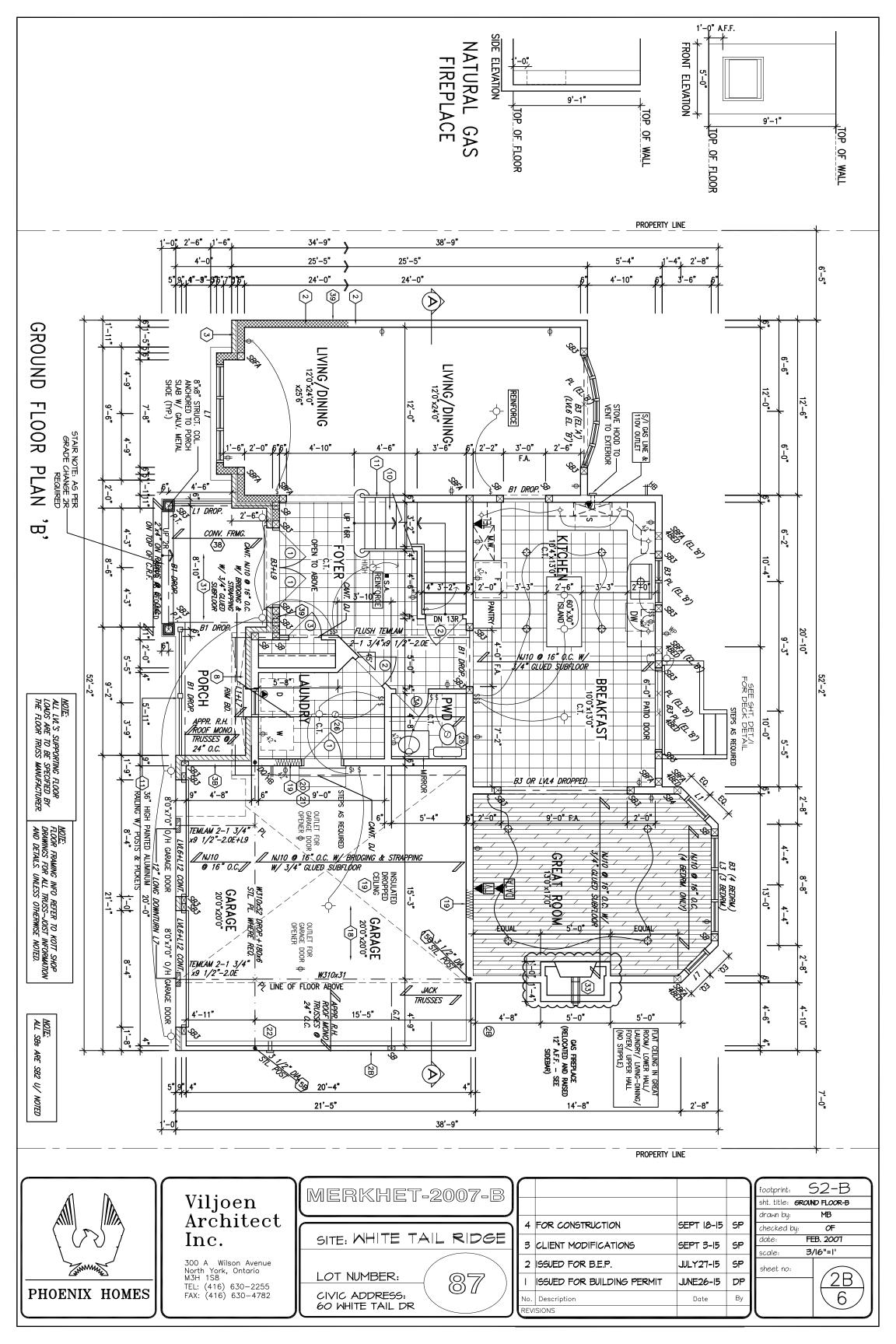
SITE: WHITE TAIL RIDGE

LOT NUMBER: 87 CIVIC ADDRESS: 60 WHITE TAIL DR

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3	CLIENT MODIFICATIONS	SEPT 3-15	SP
2	ISSUED FOR B.E.P.	JULY27-15	SP
١	ISSUED FOR BUILDING PERMIT	JUNE26-15	DP
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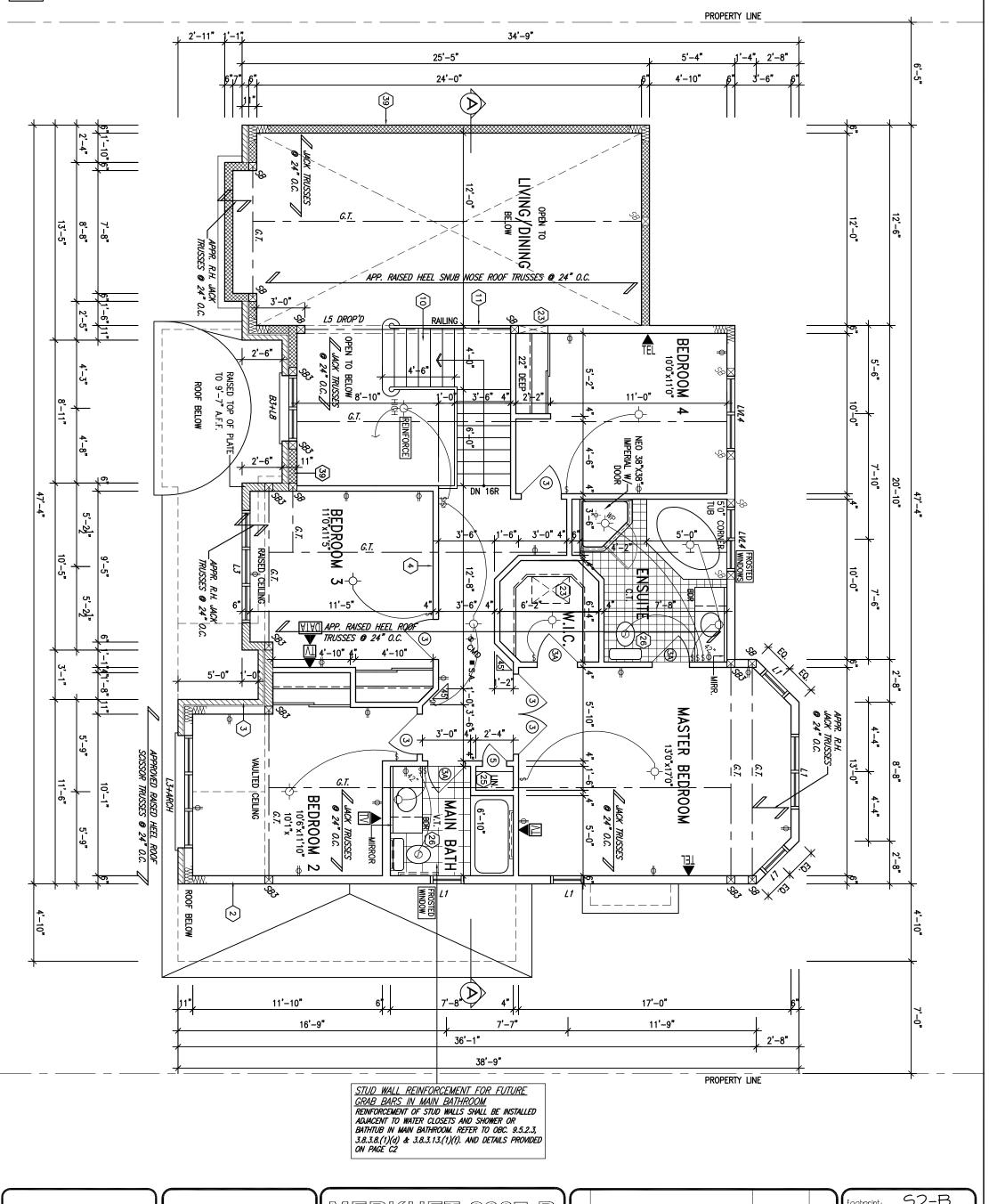




NOTE: ROOF TRUSS INFORMATION REFER TO ROOF TRUSS SHOP DRAWINGS FOR ALL ROOF FRAMING INFORMATION UNLESS OTHERWISE NOTED.

NOTE: ROOF FRAMING INFORMATION

ALL LAMINATED VENEER LUMBER (LVL) BEAMS, BUILT-UP BEAMS, GIRDER TRUSSES AND METAL HANGER CONNECTIONS SUPPORTING ROOF FRAMING TO BE DESIGNED AND CERTIFIED BY ROOF TRUSS MANUFACTURER. REFER TO ROOF TRUSS SHOP DRAWINGS FOR ALL ROOF FRAMING INFORMATION UNLESS OTHERWISE NOTED ON ARCHITECTURAL DRAWINGS.





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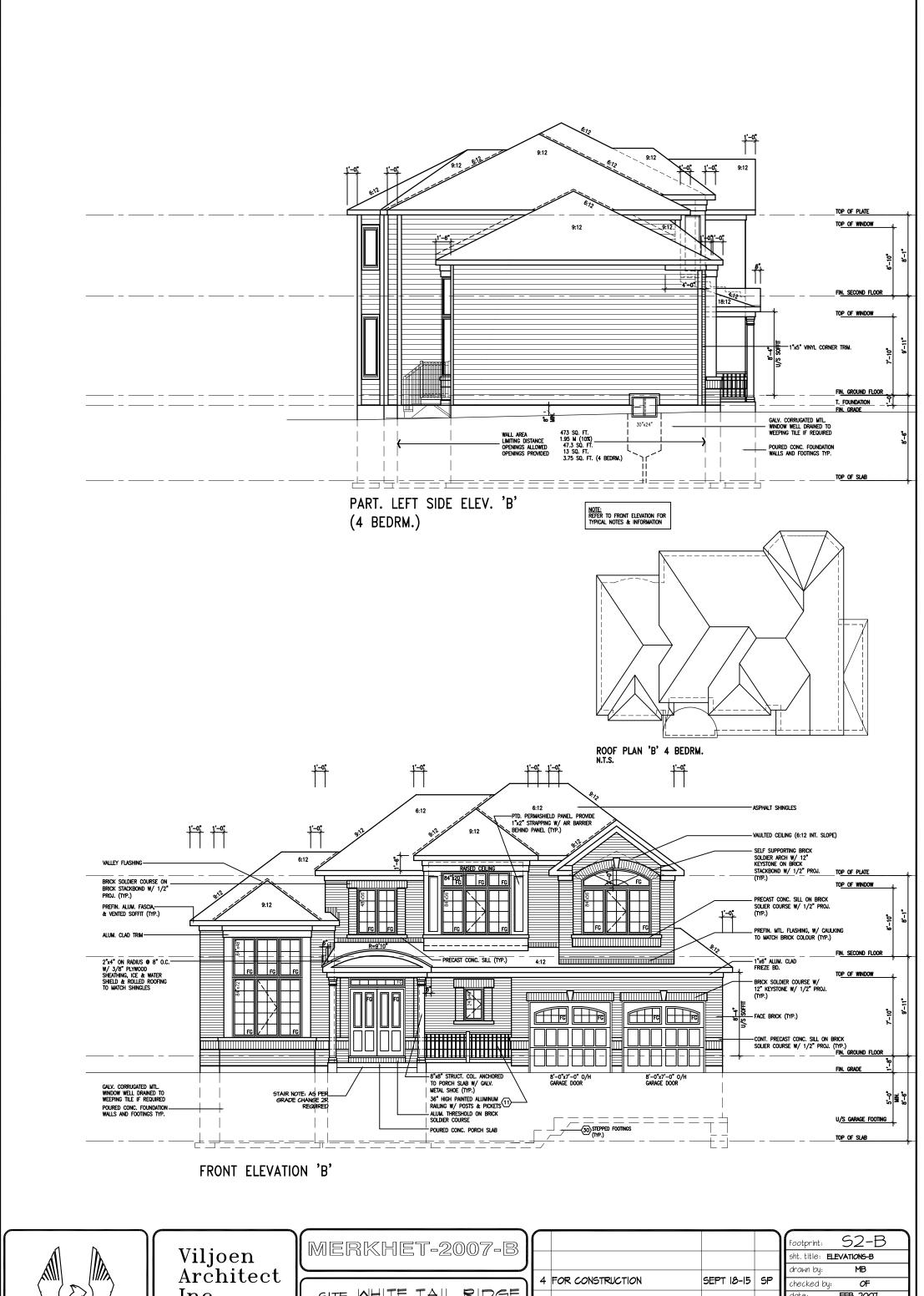
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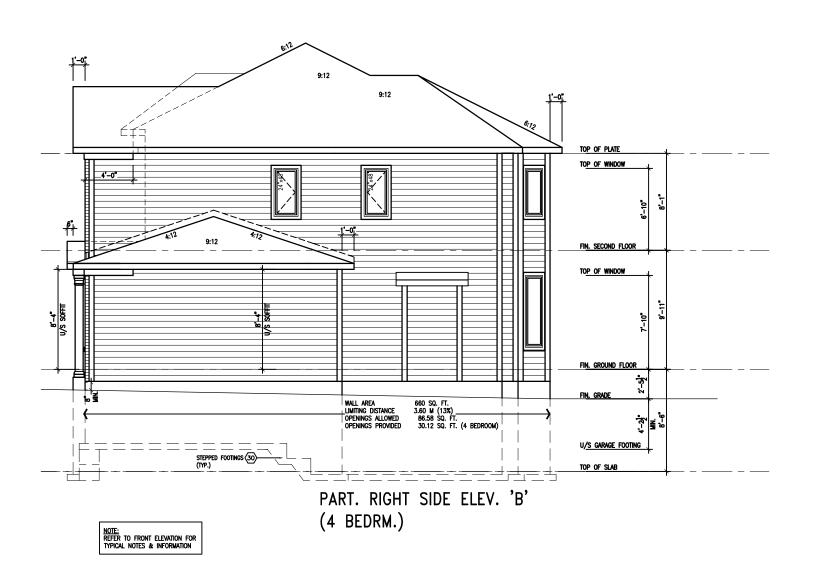
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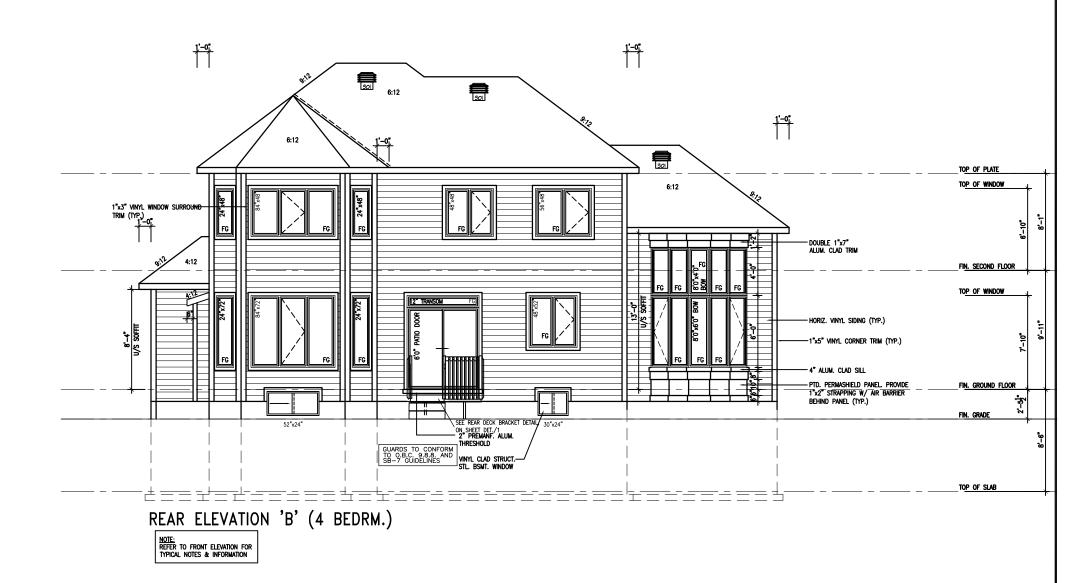
300 A Wilson Avenue North York, Ontario M3H 1S8 TEL: (416) 630-2255 FAX: (416) 630-4782

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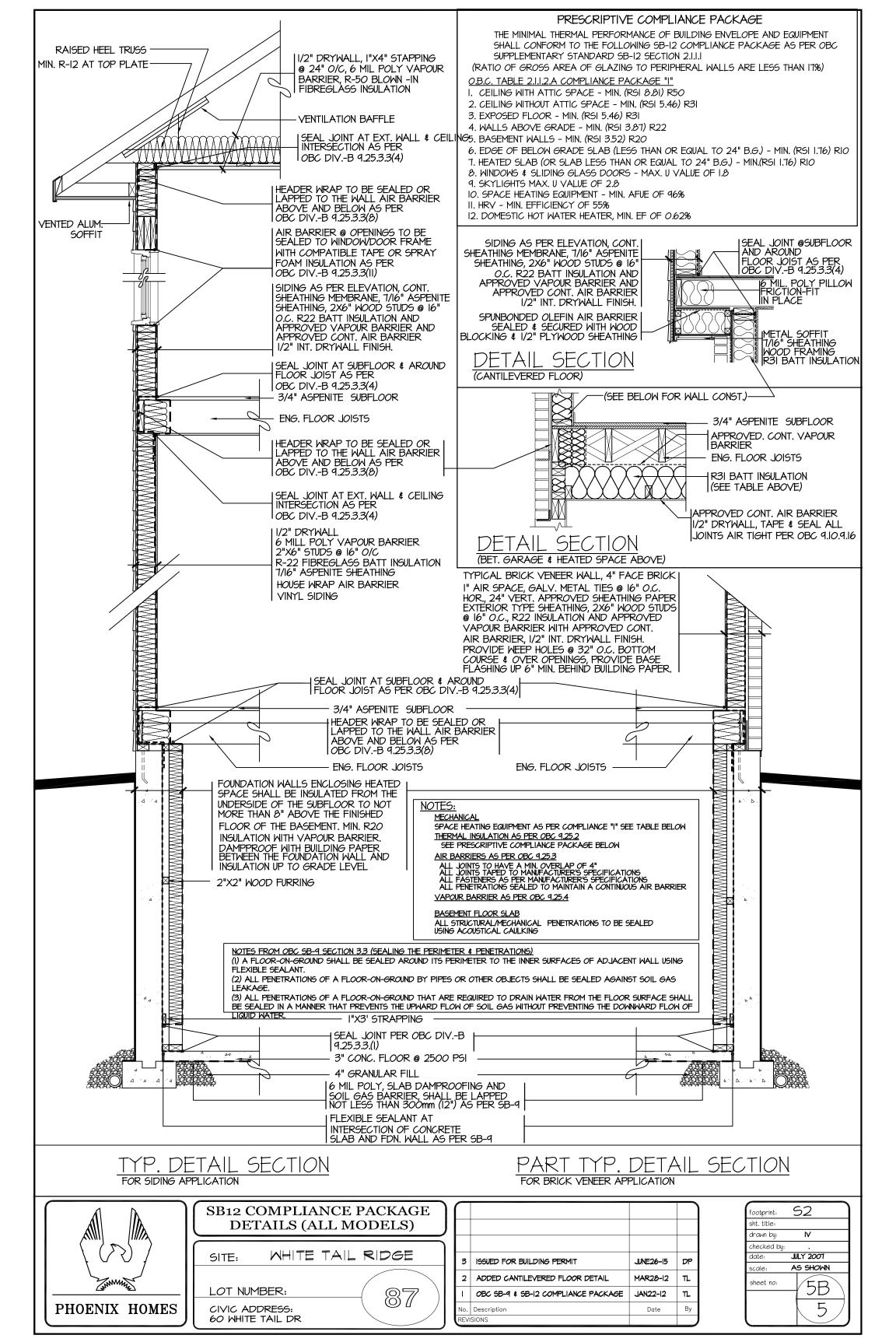
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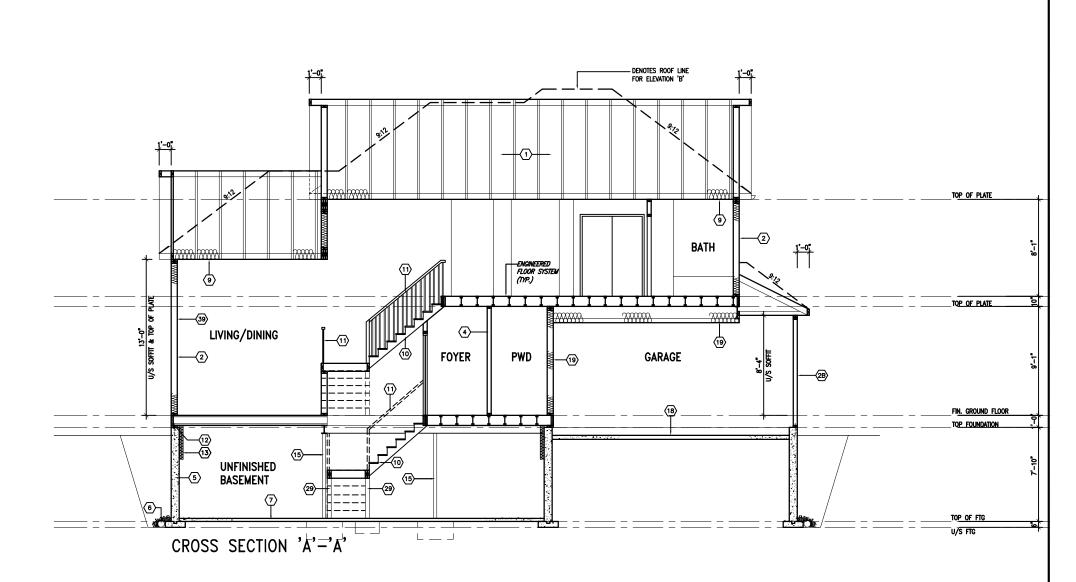
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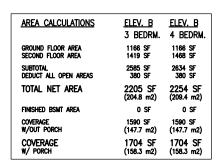
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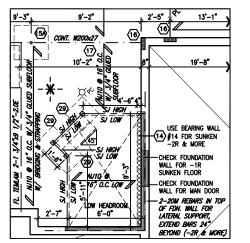
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