CONSTRUCTION NOTES 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 1.) 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 (GAVES FROM NOT REQ B. FOR ROOF 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")

♦ (2.) 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 RSI 0.9 (R5) EXTERIOR RIGID INSULATION BOARD 38x89 (2"x4") STUDS @ 400mm (16") O.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") 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
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 DAMPIES 13.5mm (1/2") INT DROWALL EINIST. 3. APPROVED VAPOUR BARRIER WITH APPROVED CONTINE.

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 CRADE.

BRICK VENEER CONSTRUCTION (2"x4") **♦** (3A.) 90mm (4") FACE BRICK 25mm (1") AIR SPACE,
22x180x0.76mm (7/6"x7"x0.03") GALV. METAL
TIES ● 400mm (16") O.C. HORIZONTAL 600mm
(24") O.C. VERTICAL. APPROVED AIR BARRIER
RSI O.9 (R5) EXT. RIGID INSUL. BD.,
38x89 (2"x4") STUDS ● 400mm (16") O.C.
WITH APPROVED DIAGONAL WALL BRACING, RSI 3.35(R19) ♦
INSULATION AND APPROVED VAPOUR BARRIER WITH
APPROVED CONT. AIR PARPIER 1 TARM (14"7) INT

INSULATION AND APPROVED VAPOUR BARKER 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") 0.C. FOR 2 STOREYS AND 300mm (12") 0.C. FOR 3 STOREYS, NON-BEARING PARTITIONS 38x89 (2"x4") @ 600mm (24") 0.C. PROVIDE 38x89 (2"x4") (2 X4) 9 OUTIMIT (24) O.C. FROMEL SCASS (2 X.) 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. FOUNDATION WALL/FOOTINGS: -SEE OBC 9.15.3, 9.15.4

200mm (8") POURED CONC. FDTN. WALL 20MPa (3000psi) WITH BITUMENOUS DAMPPROOFING AND OPT. (3000psi)* WITH BITUMENOUS DAMPPROOFING AND OPT.
DRAINAGE LAYER. 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 FIDTU. WALL PRIOR TO BACKFILLING.
ALL FOOTINGS 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 4kpg(50nst) PER

CAPACITY, ENGINEERED FOUTINGS ARE REQUIRED. MAX. FLOOR LIVE LOADOF 2.4kpc/(50psf) PER FLOOR, AND MAX. LENGTH OF SUPPORTED JOISTS IS 4.9m (16'-1"). REFER TO SOILS REPORT FOR SOILS CONDITIONS AND BEARING CAPACITY.

6. 100mm (4") DIA. WEEPING TILE 150mm (6") CRUSHED STONE OVER AND AROUND WEEPING

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

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 (7-7/8") = 210 (8-1/4") = 235 (9-1/4")MIN. TREAD MAX. NOSING = 25 (1") = 1950 (6'-5") = 1070 (3'-6") = 25 (1MIN. HEADROOM RAIL O LANDING
RAIL O STAIR
MIN. STAIR WIDTH

= 860 (2'-10") ♦ (11.) FINISHED RAILING ON PICKETS SPACED MAXIMUM 100mm (4") BETWEEN PICKETS. CLEARANCE BET. HANDRAIL AND SURFACE BEHIND IT CLEAKANCE BEI. HANDFARL AND SURFACE BEHIND II
TO BE 50mm(2") MIN. HANDRAILS TO BE CONT.
EXCEPTING FOR NEWEL POST AT CHANGES OF DIRECTION.
GUARDS — OBC. 98.88.3.—
INTERIOR GUARDS: =900mm (2'-11") MIN.
EXTERIOR GUARDS: =1070mm (3'-6") MIN.

STAIR/LANDING GUARDS =1500mm (4'-11") MIN.

(@10M ABOVE ADJ. GROUND) ♦ (12) 38x89 (2"x4") SILL PLATE WITH 13mm (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)

♦ (13.52 (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 BEARING SIDE PARTITION

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.

(15B) 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") DIAX4.78mm(.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.

♦ (18.) 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. FUME 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) ÒBC 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.

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.

<u>OR</u> 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 = 600mm (23-5/8"). MAX. VERT. STEP = 600mm (23-5/8") FOR FIRM SOILS.

PORCH SLAB/STEPS: TIGO TO SUBJECT S. 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") O.C. 2–15m IN THICKENED AREA FROM WALL

2-15m in Hickened 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, EXHAUST
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.

SUBFLOOR, JOIST STRAPPING AND BRIDGING SUBFLOUR. JUISI 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

ALL JUSIS I DE BRIDGED WITH 30308 (2 CROSS BRACING OR SOLID BLOCKING ® 21 (6'−11") O.C. MAX. ALL JOISTS TO BE STRAPPED WITH 19x64 (1"x3") ® 2100mm (6'−11") O.C. UNLESS A PANEL TYPE CEILI FINISH IS APPLIED. (SEE OBC 9.23.9.4)

FINISH IS APPLIED. (SEE OBC 9.25.9.4)

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) (370mC17 Birth Story)

125mm (4 7/8") 32MPa (4640psi) CONC. SLAB WITH
5-8% AIR ENTRAINMENT. REINF. WITH 10M BARS

9 200mm (7 7/8") O.C. EACH WAY IN BOTTOM THIRD
OF SLAB, MIN. 30mm(1 1/4") COVER, 600X600mm UI JLAD, MIN. JUMM(1 1/4") COVER, 600X600mm 23 5/8"x23 5/8") 10M DOWLS @ 600mm (23 5/8") 0.C., ANCHORED IN PERIMETER FOTN. 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 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"O.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") O.C. VERTICALLY.

EXTERIOR WALLS FOR WALK-OUT CONDITIONS

THE EXTERIOR BASEMENT STUD WALL TO BE 38x140 (2"x6") STUDS @ 16" o.c. <u>OR</u> 38x89 (2"x4") STUDS @ 12"o.c.

43) FLASHING FOR EXT. WALL OPENINGS (O.B.C.9.27.J.B.(3) FLASHING FOR E

WINDOWS:

1) MINIMUM BEDROOM WINDOW —OBC. 9.9.10.

AT LEAST ONE BEDROOM WINDOW ON A GIVEN FLOOR IS THAVE MIN. 0.35m2 UNOBSTRUCTED GLAZED OR OPENABLE AREA WITH MIN. CLEAR WIDTH OF 380 mm (1'-3"). GIVEN FLOOR IS TO

AREA WITH MIN. CLEAR WIDTH OF SOUTHING TO JOIN TO JOIN WINDOW GLARDS -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

GENERAL OVER 24 HOURS. SEE MECHANICAL DRAWINGS. ALL DOWNSPOUTS TO DRAIN AWAY FROM THE BUILDINGAS PER OBC 9.26.18.2 AND MUN. STANDARDS.

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).

(39.) TWO STOREY VOLUME SPACES

FLOOR LIVE LOAD OF 2.4kPa. (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)

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.

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.MIN.) 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", 1 1 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.

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.

JOIST HANGERS: PROVIDE METAL HANGERS FOR ALL JOISTS AND BUILT-UP WOOD MEMBERS INTERSECTING FLUSH BUILT-UP WOOD MEMBERS.

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 OROUND.

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". STEEL:

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

WOOD LINTELS AND BUILT-UP WOOD BEAMS 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 2/38 x 235 (2/2" x 10") SPR.#2 3/38 x 235 (3/2" x 10") SPR.#2 4/38 x 235 (4/2" x 10") SPR.#2 B4 2/38 x 286 (2/2" x 12") SPR.#2 3/38 x 286 (3/2" x 12") SPR.#2 4/38 x 286 (4/2" x 12") SPR.#2 L5

LOOSE STEEL LINTELS

90 x 90 x 6.0L (3-1/2" x 3-1/2" x 1/4"L) 90 x 90 x 8.0L (3-1/2" x 3-1/2" x 5/16"L) 100 x 90 x 8.0L (4" x 3-1/2" x 5/16"L) 125 x 90 x 8.0L (5" x 3-1/2" x 5/16"L) 125 x 90 x 10.0L (5" x 3-1/2" x 3/8"L) 150 x 100 x 10.0L (6"x 4" x 3/8"L) LAMINATED VENEER LUMBER (LVL) BEAMS

2-1 3/4"x7 1/4" (2-45x184) LVL1 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*x¹ 1/2* (2-45x300) 2-1 3/4*x¹ 1 7/8* (2-45x300) 3-1 3/4*x¹ 1 7/8* (3-45x300)

LVL6 ♦ STEEL COLUMNS (UNLESS NOTED OTHERWISE)

CLASS 'B' VENT

EXHAUST VENT

DUPLEX OUTLET (12" HIGH)

WEATHERPROOF DUPLEX OUTLET

POT LIGHT LIGHT FIXTURE (CEILING MOUNTED)

LIGHT FIXTURE (WALL MOUNTED)

C LIGHT FIXTURE (PULL CHAIN)

SWITCH

HOSE BIB

DOUBLE JOIST

TRIPLE JOIST

FLAT ARCH

CURVED ARCH

LAMINATED VENEER LUMBER

PRESSURE TREATED LUMBER

POINT LOAD FROM ABOVE

GIRDER TRUSS BY ROOF TRUSS MANUF.

HEAVY DUTY OUTLET

DUPLEX OUTLET (HEIGHT AS NOTED A.F.F)

LEGEND

(S)

 \ominus

◐

ф.

₩ %

DJ

TJ

LVL

P.T.

__F.A.__

C.A.

⊕ vi

TP = (1) 3" DIA. ADJ. ST. POST 2TP = (2) 3" DIA. ADJ. ST. POSTS 3TP = (3) 3" DIA. ADJ. ST. POSTS

♦ DOOR SCHEDULE (UNLESS NOTED ON PLAN) 1. EXTERIOR DOOR 815 \times 2030 \times 45 (2'-8" \times 6'-8" \times 1-3/4") INSULATED MIN. RSI 0.7 (R4) 865 x 2030 x 45 (2'-10" x 6'-8" x 1-3/4") INSULATED MIN. RSI 0.7 (R4) FXTERIOR (1A)EXTERIOR DOOR 915 x 2030 x 45 (3'-0" x 6'-8" x 1-3/4") INSULATED MIN. RSI 0.7 (R4) (1B)815 x 2030 x 35 (2'-8" x 6'-8" x 1-3/8") INTERIOR (2.) 815 x 2030 x 45 EXTERIOR (2A) DOOR (2'-8" × 6'-8" × 1-3/4") 20 MIN. RATED DOOR AND 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") (3.) 710 x 2030 x 35 (2'-4" x 6'-8" x 1-3/8") (3A)

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

INTERIOR 460 x 2030 x 35 (1'-6" x 6'-8" x 1-3/8") (5.) DOOR

M.C. MEDICINE CABINET CONC. BLOCK WALL

DOUBLE VOLUME WALL SEE NOTE (39.) SOLID WOOD BEARING

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.

E JACK STUD, UNLESS OTHERWISE NOTED ON P
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

CARBON MONOXIDE ALARM (OBC 9.33.4)

WHERE A FUEL—BURNING APPLIADACE IS INSTALLED IA A DWELLING UNIT, A CARBON MONOXIDE ALARM CONFORMING TO CAN/CSA-6.19, CSA 6.19 OR UL2O34 SHALL BE INSTALLED ADJACENT TO EACH SLEEPING AREA. CARBON MONOXIDE ALARM(S) SHALL BE PERMANENTLY WIRED SO THAT ITS ACTIVATION WILL ACTIVATE ALL CARBON MONOXIDE ALARM(S) SHALL BE PERMANENTLY WIRED SO THAT ITS ACTIVATION WILL ACTIVATE ALL CARBON MONOXIDE ALARMS AND BE EQUIPPED WITH AN ALARM THAT IS AUDIBLE WITHIN BEDROOMS WHEN THE INTERVENING DOORS ARE CLOSED.

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 AND REPORT ANY DISCREPANCY TO THE BUILDER BEFORE PROCEEDING WITH THE WORK.

DO NOT SCALE DRAWINGS, USE DIMENSIONS PROVIDED. ALL DRAWINGS TO BE USED FOR CONSTRUCTION ONLY AFTER BUILDING PERMIT HAS BEEN ISSUED.



43-7-HAMILTON-1-2014

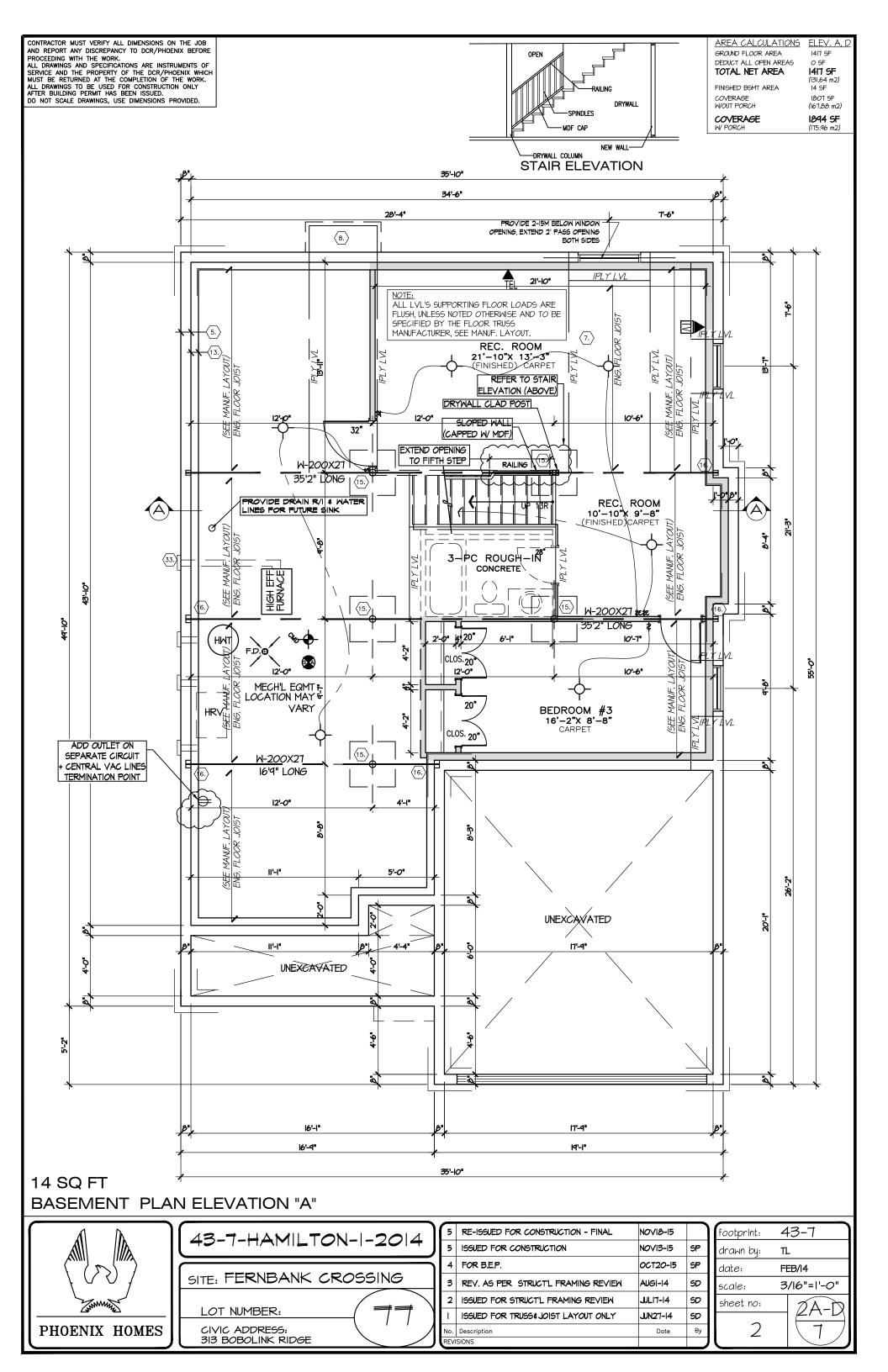
Designer information:

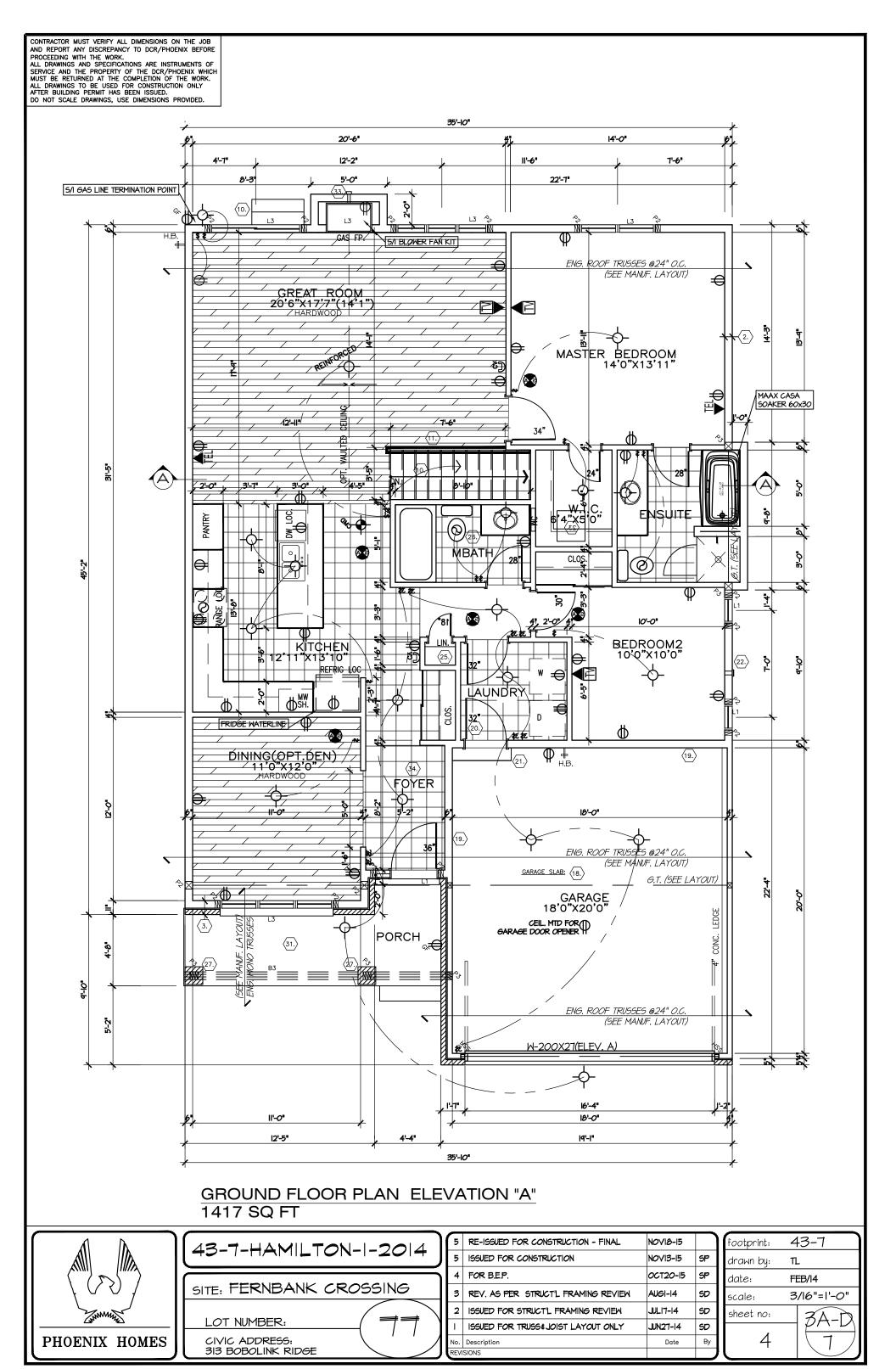
The undersigned has reviewed and take responsibility for this design and has the qualification and meets the requirements set out in the Ontario Building Code as a designer.

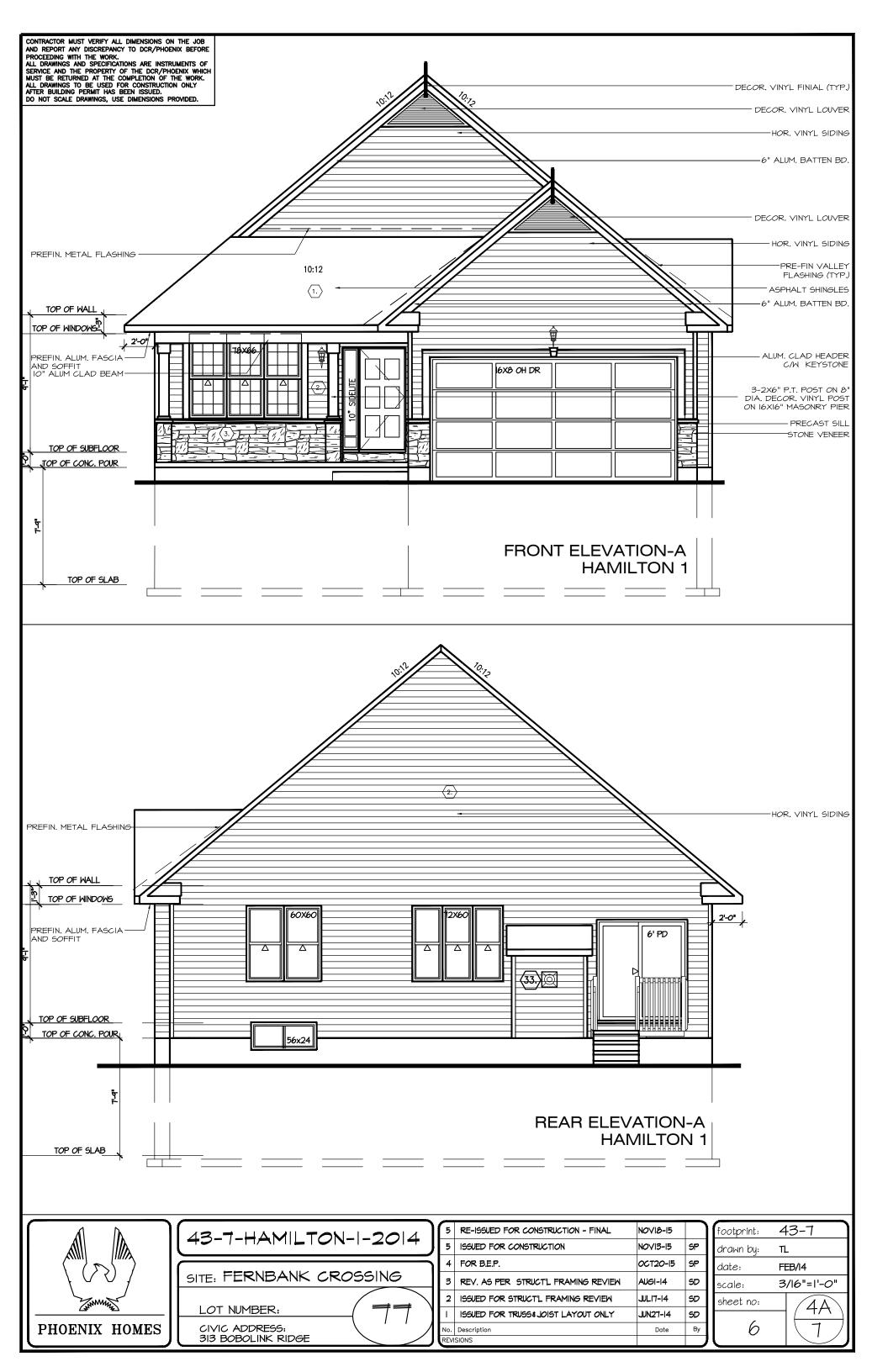
Sandy Pollock Individual BCIN: 33536 Firm BCIN: 40800

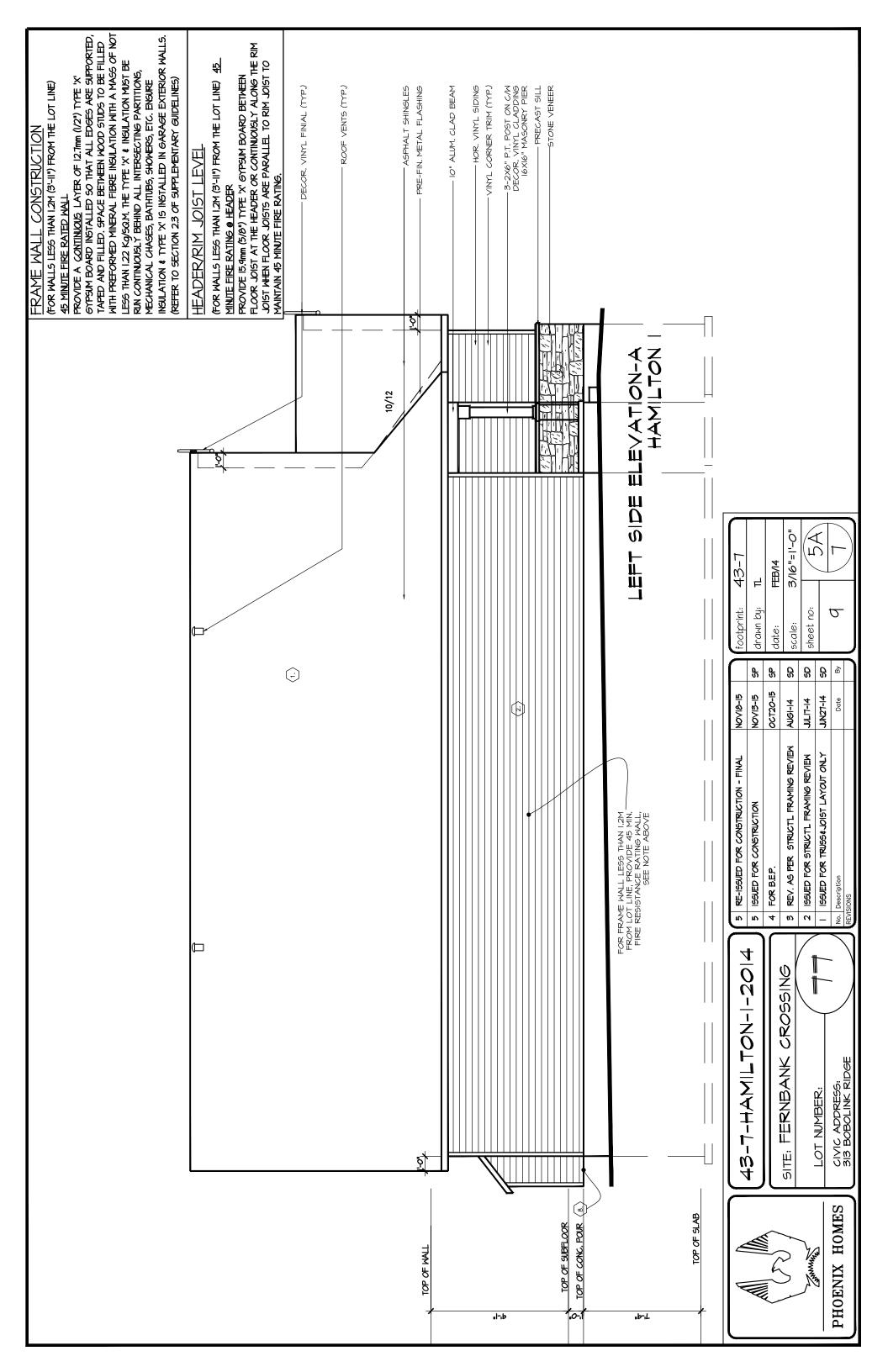
_			
5	RE-ISSUED FOR CONSTRUCTION - FINAL	NOV18-15	
5	ISSUED FOR CONSTRUCTION	NOV13-15	S
4	FOR B.E.P.	OCT2O-15	SP
3	REV. AS PER STRUCT'L FRAMING REVIEW	AUGI-14	SD
2	ISSUED FOR STRUCT'L FRAMING REVIEW	JUL17-14	SD
1	ISSUED FOR TRUSS&JOIST LAYOUT ONLY	JUN27-14	SD
No.	Description	Date	Ву
REVISIONS			

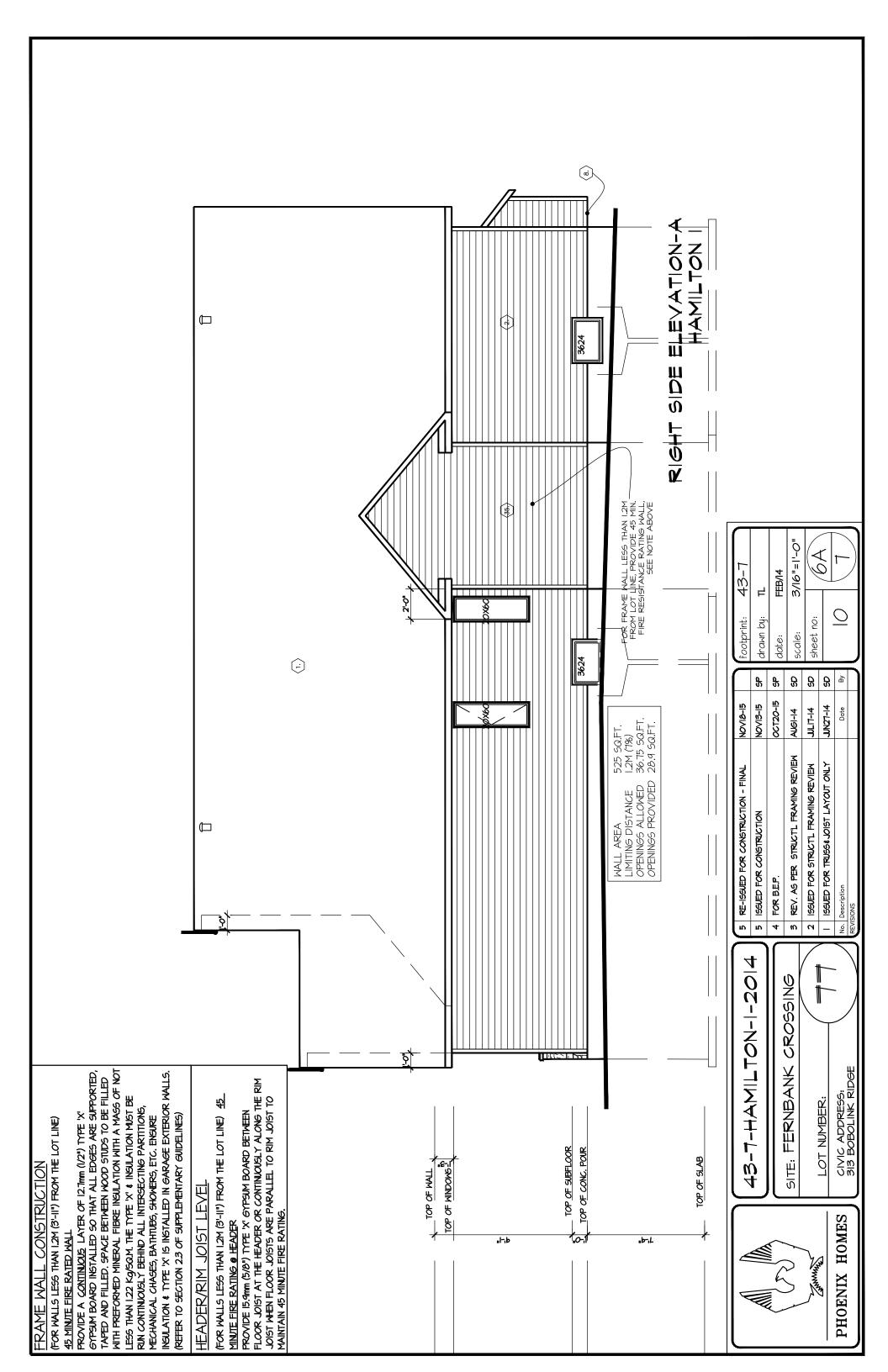
footprint:	43-7
drawn by:	TL
date:	FEB/I4
scale:	3/16"=1'-0"
sheet no:	
	$\left(\begin{array}{c} 1 \\ 1 \end{array}\right)$

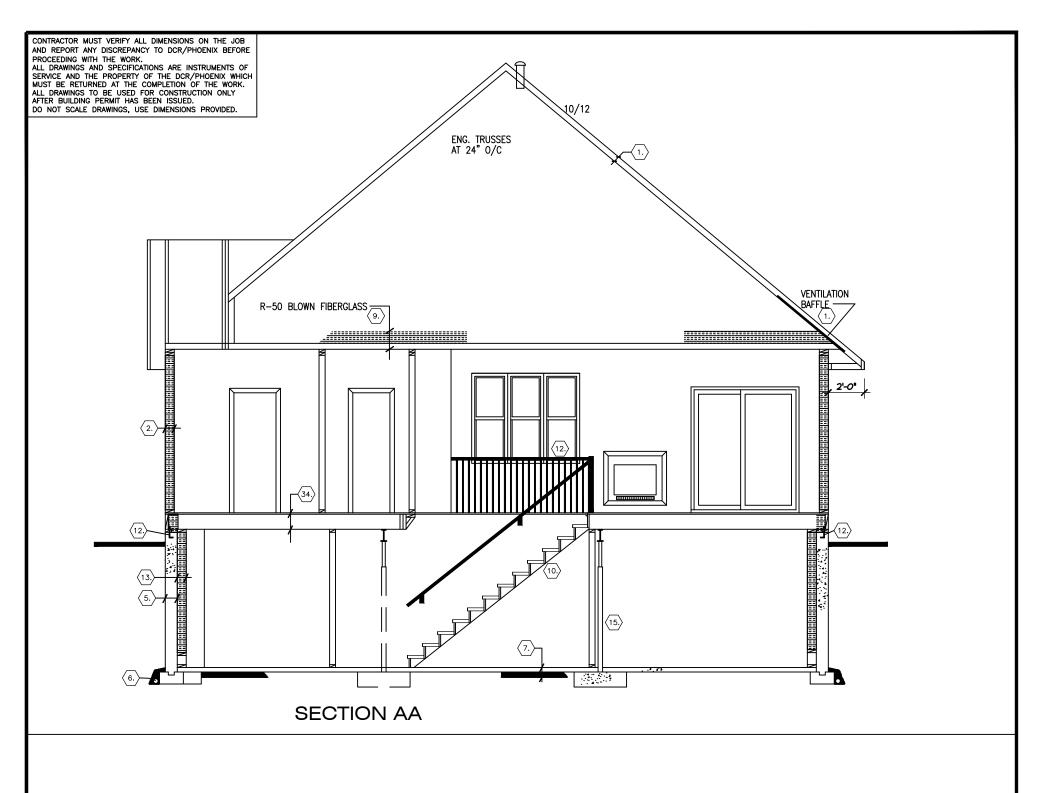














43-7-HAMILTON-1-2014

SITE: FERNBANK CROSSING

LOT NUMBER:

CIVIC ADDRESS: 313 BOBOLINK RIDGE

5	RE-ISSUED FOR CONSTRUCTION - FINAL	NOV18-15		
5	ISSUED FOR CONSTRUCTION	NOV13-15	SP	
4	FOR B.E.P.	OCT20-15	SP	
3	REV. AS PER STRUCT'L FRAMING REVIEW	AUGI-14	SD	
2	ISSUED FOR STRUCT'L FRAMING REVIEW	JUL17-14	SD	
1	ISSUED FOR TRUSS&JOIST LAYOUT ONLY	JUN27-14	SD	
No.	Description	Date	Ву	
REVISIONS				

footprint:	43-7	
drawn by:	TL	
date:	FEB/I4	
scale:	3/16"=1'-0"	
sheet no:	7	
15		

