



FRONT ELEVATION 'A1'



FRONT ELEVATION 'A2' CORNER

ELEVATION ON
PAGE 2

Drawing List:

- A0 TITLE SHEET
- A1 BASEMENT ELEV 'A1'
- A2 GROUND FLOOR ELEV 'A1'
OPTIONAL FAMILY ROOM LAYOUT ELEV 'A1' & 'A2'
- A3 SECOND FLOOR ELEV 'A1'
PARTIAL SECOND FLOOR ELEV 'A1'
W/ OPTIONAL ENSUITE LAYOUT
- A4 GROUND FLOOR CORNER ELEV 'A2'
- A5 BASEMENT CORNER ELEV 'A2'
- A6 SECOND FLOOR CORNER ELEV 'A2'
PARTIAL SECOND FLOOR CORNER ELEV 'A2'
W/ OPTIONAL ENSUITE LAYOUT
- A7 FRONT ELEVATION 'A1'
ROOF PLAN ELEV 'A1'
- A8 RIGHT SIDE ELEVATION 'A1'
- A9 REAR ELEVATION 'A1'
- A10 REAR ELEVATION 'A1' OPTIONAL FAMILY ROOM LAYOUT
- A11 FRONT ELEVATION 'A2' CORNER
ROOF PLAN ELEV 'A2'
- A12 RIGHT SIDE ELEVATION 'A2' CORNER
- A13 REAR ELEVATION 'A2' CORNER
- A14 REAR ELEVATION 'A2' CORNER
OPTIONAL FAMILY ROOM LAYOUT
- D1 CONSTRUCTION NOTES
- D2 CONSTRUCTION NOTES
- D3 CONSTRUCTION NOTES

Areas:

	ELEVATION 'A1'		ELEVATION 'A2'	
	SF	SM	SF	SM
GROUND FLOOR	874.8	81.3	887.3	82.4
SECOND FLOOR	1112.7	103.4	1125.2	104.5
TOTAL AREA	1987.5	184.6	2012.5	187.0
COVERAGE INC PORCH	1185.7	110.2	1198.2	111.3
COVERAGE NOT INC PORCH	1123.2	104.3	1135.7	105.5

IT IS THE CONTRACTORS RESPONSIBILITY TO ENSURE THAT ALL CONSTRUCTION CONFORMS TO THE REQUIREMENTS OF THE ONTARIO BUILDING CODE. NOTATIONS MADE ON THESE DRAWINGS ARE FOR YOUR INFORMATION AND ASSISTANCE ONLY AND DO NOT NECESSARILY COMMENT ON ALL AREAS OF CONSTRUCTION.

Tice River Homes

Legacy

THE FINAL GRADING OF THIS PROPERTY SHALL NOT ADVERSELY EFFECT THE DRAINAGE OF ADJACENT PROPERTIES OR THE OVERALL GRADING CONTROL PLAN.

PERMIT APPROVAL DOCUMENTS TO BE KEPT ON SITE AT ALL TIMES FOR INSPECTION

THE FLOOR AND TRUSS LAYOUTS PROVIDED BY THE MANUFACTURER HAVE BEEN REVIEWED, APPROVED AND COORDINATED ON THE WORKING DRAWING PLANS PROVIDED BY RN DESIGN

I, DANIEL HANNINEN DECLARE THAT I HAVE REVIEWED AND TAKEN DESIGN RESPONSIBILITY FOR THE DESIGN WORK ON BEHALF OF RN DESIGN LTD. UNDER DIVISION C, PART-3 SUBSECTION 3.2.4 OF THE BUILDING CODE. I AM QUALIFIED AND THE FIRM IS REGISTERED IN THE APPROPRIATE CLASSES / CATEGORIES.
QUALIFIED DESIGNER BCIN: 20888
FIRM BCIN: 26995
DATE: JANUARY-13-23

SIGNATURE:

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1.	ISSUED FOR CLIENT REVIEW	23-FEB-18	PV	JM	6	REVISED PER FLOOR/TRUSS COORD	31-Oct-22	MD	AD
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location
Ayr

marketing name

RN
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model
TH-03

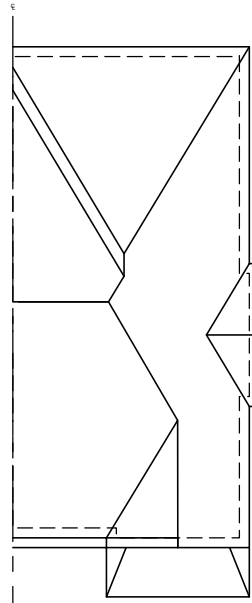
scale
3/16" = 1'0"

project #
17052

page

A0

ROOF PLAN ELEV 'A2'
BLOCK 6 UNIT 26



NOTE: ALL CONVENTIONAL ROOF FRAMING TO CONFORM TO PART 9 OF THE OBC. ROOF RAFTERS THAT MEET OR CROSS OVER TRUSSES ARE TO BE 2"x4" SPF @ 24" OC WITH A 2"x4" SPF VERTICAL POST TO THE TRUSS UNDER. AT EACH CROSS POINT, POSTS LONGER THAN 6' TO BE Laterally BRACED SO THAT THE DISTANCE BETWEEN END POINTS & BETWEEN ROWS OF BRACING DOES NOT EXCEED 6'.

NOTE: REFER TO TRUSS DRAWINGS FOR APPROVED TRUSS LAYOUT

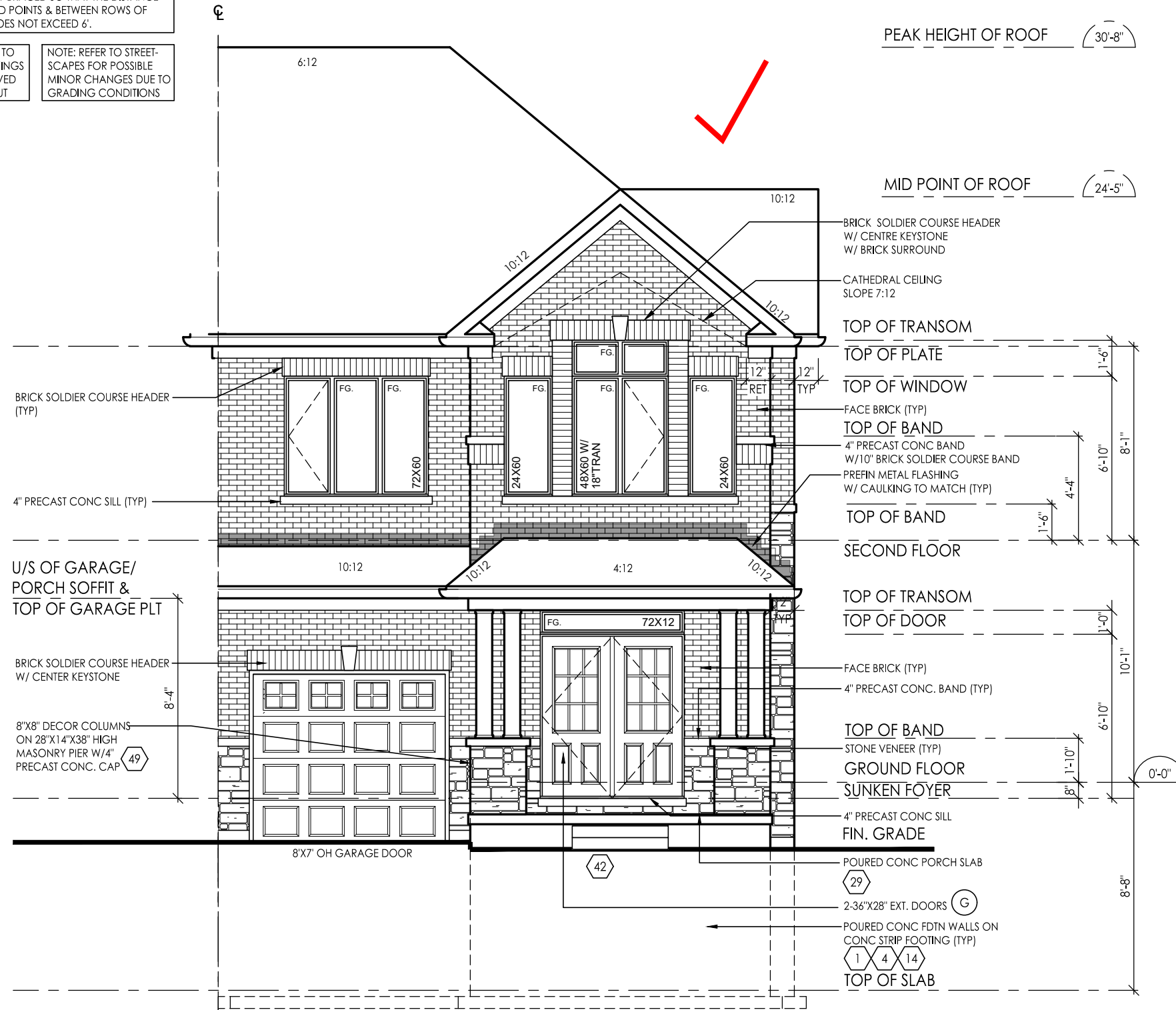
NOTE: REFER TO STREET-SCAPES FOR POSSIBLE MINOR CHANGES DUE TO GRADING CONDITIONS

GROSS GLAZING AREA-ELEV A2-STD

TOTAL PERIPHERAL WALL AREA	2864.79 SF	266.15 m ²
FRONT GLAZING AREA	93.81 SF	8.72 m ²
LEFT SIDE GLAZING AREA	0.00 SF	0.00 m ²
RIGHT SIDE GLAZING AREA	117.33 SF	10.90 m ²
REAR GLAZING AREA	132.00 SF	12.26 m ²
TOTAL GLAZING AREA	343.15 SF	31.88 m ²
TOTAL GLAZING PERCENTAGE	11.98 %	

GROSS GLAZING AREA-ELEV A2-OPT

TOTAL PERIPHERAL WALL AREA	2864.79 SF	266.15 m ²
FRONT GLAZING AREA	93.81 SF	8.72 m ²
LEFT SIDE GLAZING AREA	0.00 SF	0.00 m ²
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REAR GLAZING AREA	121.33 SF	11.27 m ²
TOTAL GLAZING AREA	332.48 SF	30.89 m ²
TOTAL GLAZING PERCENTAGE	11.61 %	



FRONT ELEVATION 'A2' CORNER- BLOCK 6
UNIT 26 MOD ROOF

PEAK HEIGHT OF ROOF 30'-8"

MID POINT OF ROOF 24'-5"

BRICK SOLDIER COURSE HEADER
W/ CENTRE KEYSTONE
W/ BRICK SURROUND

CATHEDRAL CEILING
SLOPE 7:12

TOP OF TRANSOM

TOP OF PLATE

TOP OF WINDOW

FACE BRICK (TYP)

TOP OF BAND

4" PRECAST CONC BAND
W/10" BRICK SOLDIER COURSE BAND

PREFIN METAL FLASHING
W/ CAULKING TO MATCH (TYP)

TOP OF BAND

SECOND FLOOR

TOP OF TRANSOM

TOP OF DOOR

FACE BRICK (TYP)

4" PRECAST CONC. BAND (TYP)

TOP OF BAND

STONE VENEER (TYP)

GROUND FLOOR

SUNKEN FOYER

4" PRECAST CONC SILL

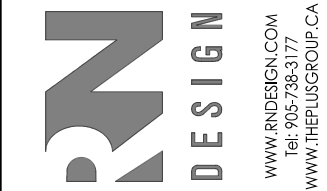
FIN. GRADE

POURED CONC PORCH SLAB

2-36"x28" EXT. DOORS

POURED CONC FDTN WALLS ON
CONC STRIP FOOTING (TYP)

TOP OF SLAB



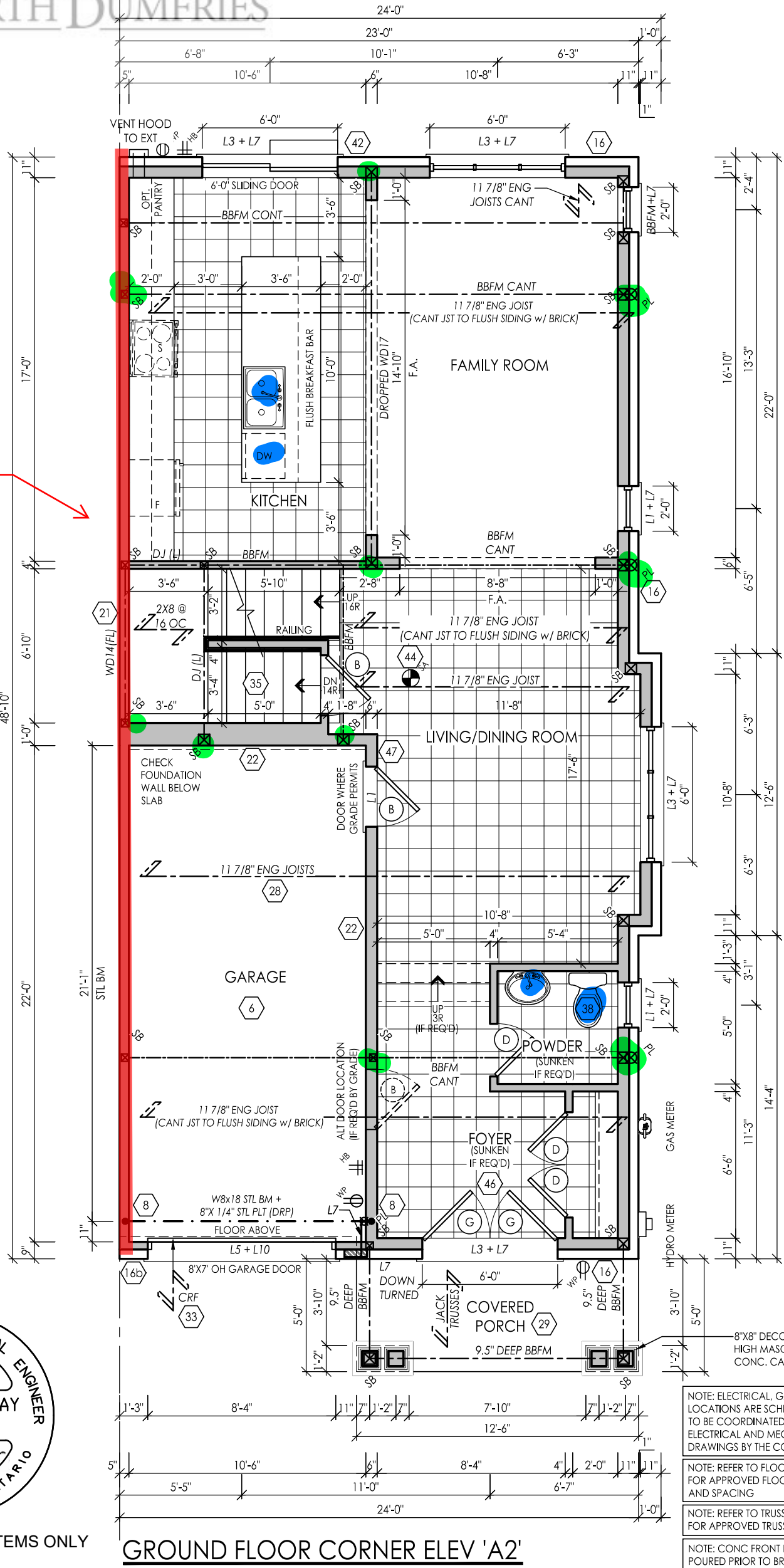
model TH-03
scale 3/16" = 1'0"
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page

A15

client Tice River Homes
location Ayr
project Legacy
marking name

#	revisions	date	dwnr	chk	#	revisions	date	dwnr	chk
1/	ADDED FRONT ELEVATION FOR UNIT 26	18-MAR-24	AD	AD					
	BLOCK 6- ISSUED FOR PERMIT								

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ALL UNPROTECTED OPENING COMPLY WITH TABLE 9.10.15.4.

PARTY WALL CONSTRUCTION

GARAGE WALLS & CEILING TO BE FUME PROOFED FROM DWELLING



FOR STRUCTURAL ITEMS ONLY

NOTE: ELECTRICAL, GAS AND VENT LOCATIONS ARE SCHEMATIC ONLY. TO BE COORDINATED WITH ELECTRICAL AND MECHANICAL DRAWINGS BY THE CONTRACTOR.

NOTE: REFER TO FLOOR JOIST DRAWINGS FOR APPROVED FLOOR JOIST LAYOUT AND SPACING

NOTE: REFER TO TRUSS DRAWINGS FOR APPROVED TRUSS LAYOUT

NOTE: CONC FRONT PORCH POURED PRIOR TO BRICK

GROUND FLOOR CORNER ELEV 'A2'

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Table with 4 columns: #, revisions, date, dwn, chk. It lists 10 revisions from 'ISSUED FOR CLIENT REVIEW' to 'ISSUED FOR PERMIT'.



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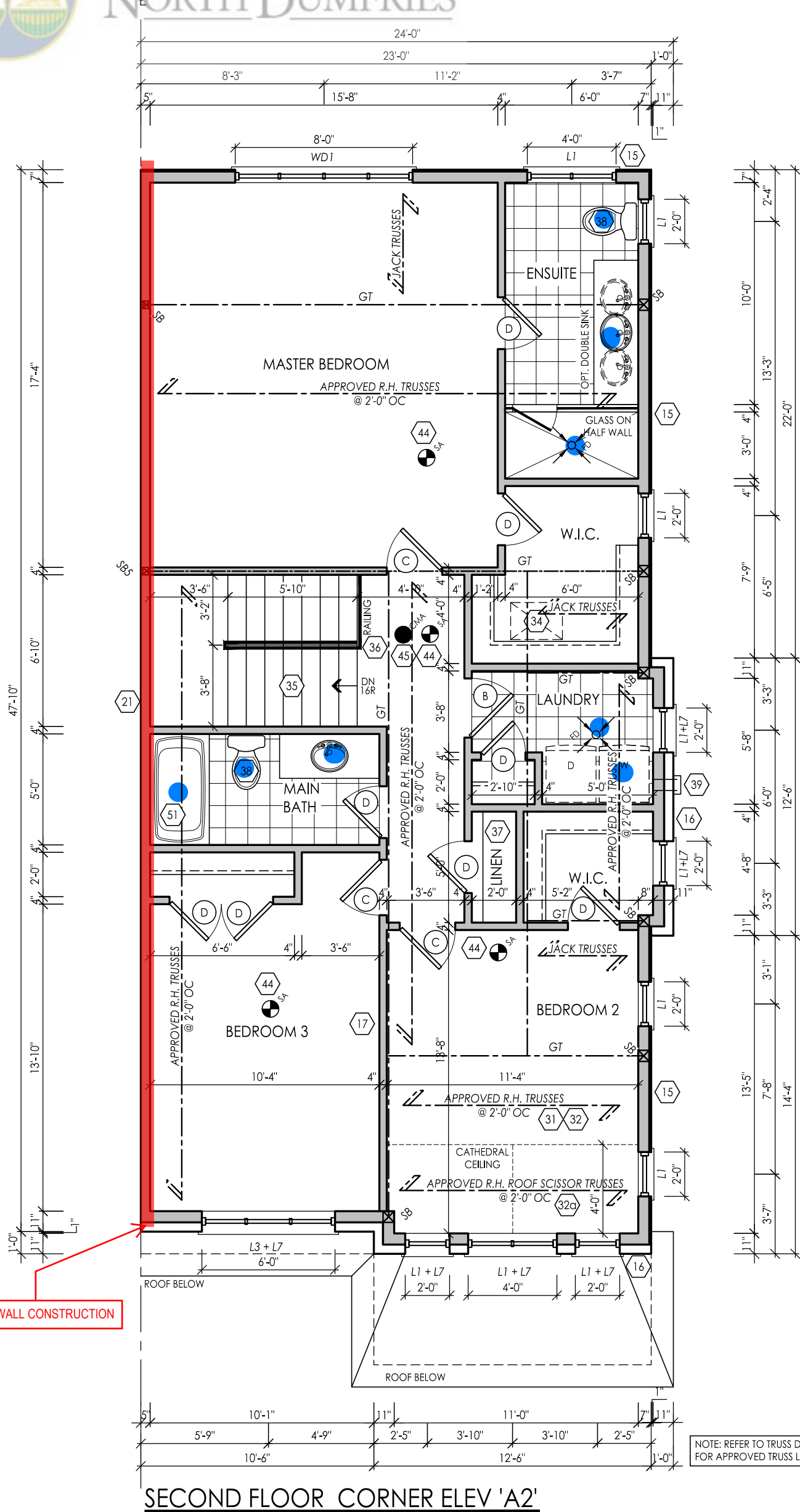
project # 17052

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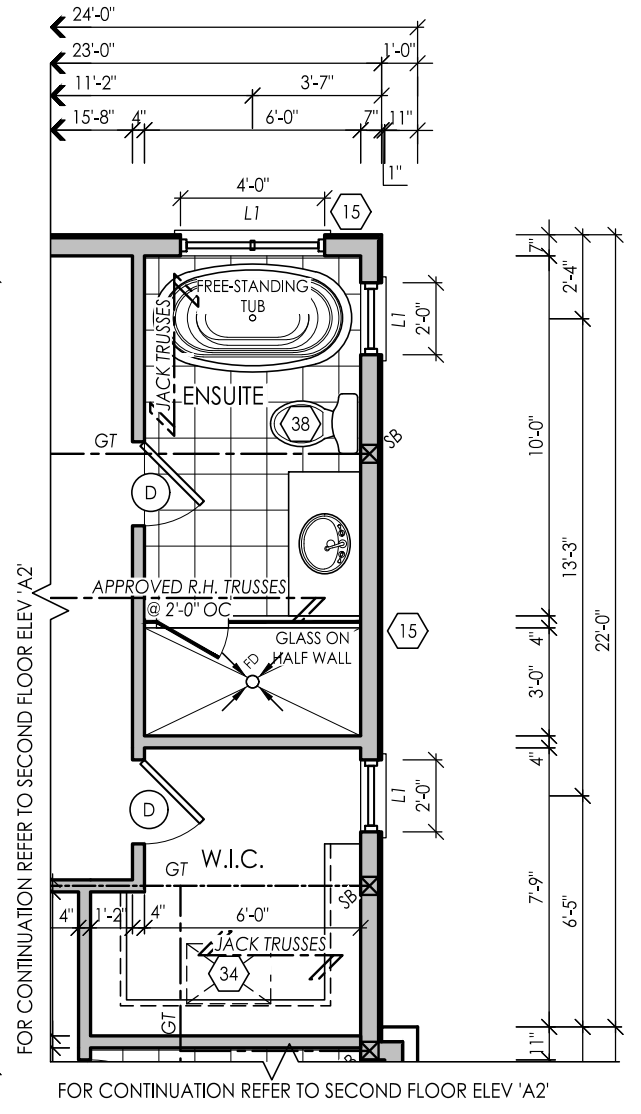
A4



The TOWNSHIP of NORTH DUMFRIES



SECOND FLOOR CORNER ELEV 'A2'



PARTIAL SECOND FLOOR CORNER W/ OPTIONAL ENSUITE LAYOUT

MAIN BATHROOM TO HAVE STUD WALL REINFORCEMENT FOR FUTURE INSTALLATION OF GRAB BARS ADJACENT TO SHOWER/TUB AND TOILET

A SMOKE ALARM SHALL BE INSTALLED ON EACH FLOOR LEVEL AND WITHIN EACH SLEEPING ROOM. ALL SMOKE ALARMS SHALL BE INTERCONNECTED. EACH DEVICE SHALL HAVE A VISUAL SIGNALING COMPONENT IN ADDITION TO THE TEMPORAL PATTERN IN CONFORMANCE WITH 18.5.3. OF NFPA 72.

A CARBON MONOXIDE DETECTOR SHALL BE LOCATED ADJACENT TO SLEEPING AREAS



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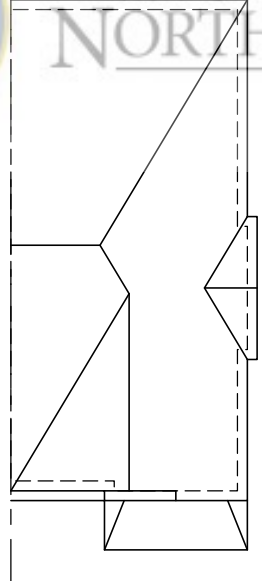
The TOWNSHIP of
NORTH HASTINGS

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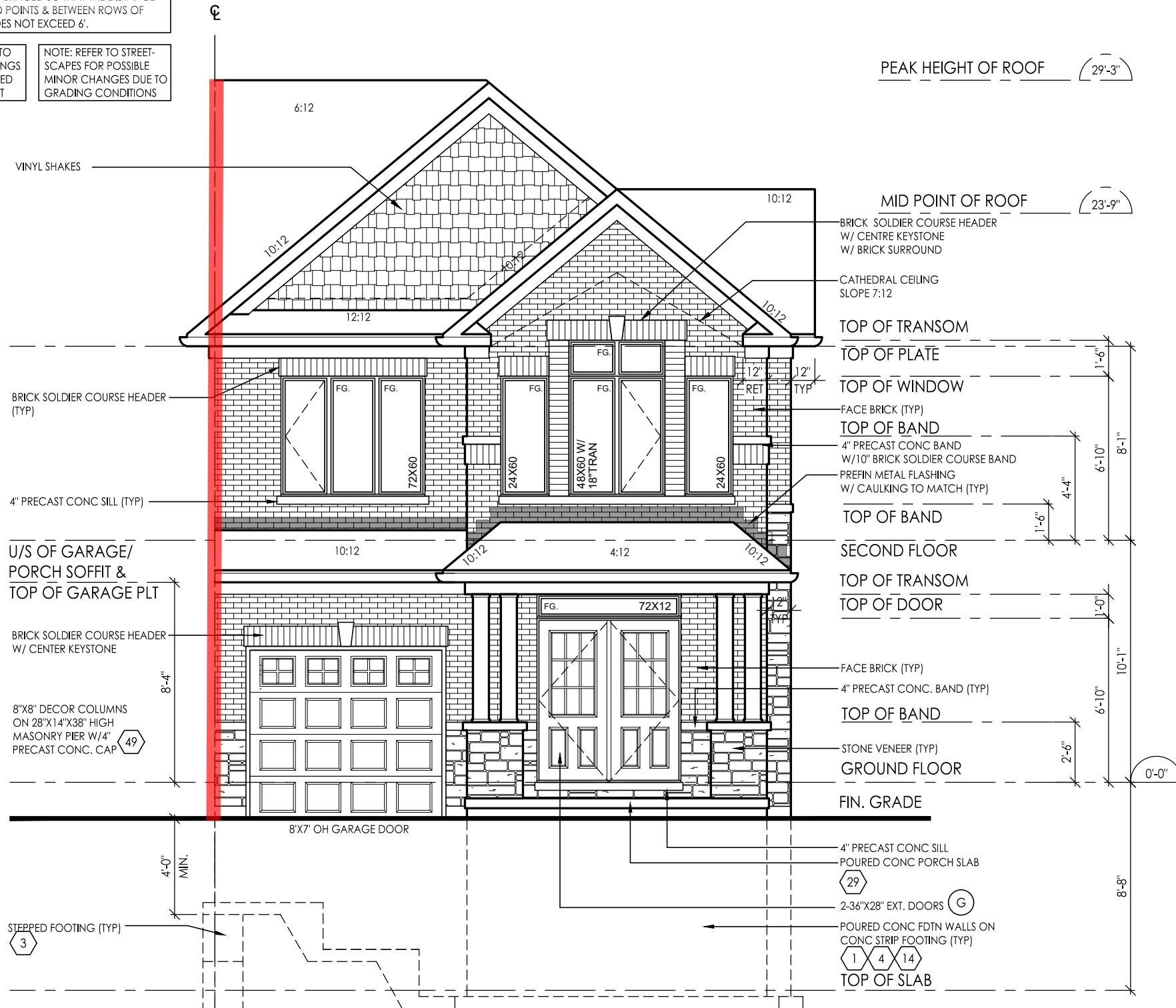


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FRONT ELEVATION 'A2' CORNER

PEAK HEIGHT OF ROOF (29'-3")

MID POINT OF ROOF (23'-9")

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scale 3/16" = 1'0"
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project Legacy
marketing name

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RIGHT SIDE ELEVATION 'A2' CORNER

ALLOWABLE UNPROTECTED OPENINGS					
Total Wall Area			1000.01	S.F	92.9 S.M
Limiting Distance	12.27	FT	3.7	M	13.00 %
Allowable Openings			130.00	S.F	12.08 S.M
Actual Openings			93.89	S.F	8.72 S.M

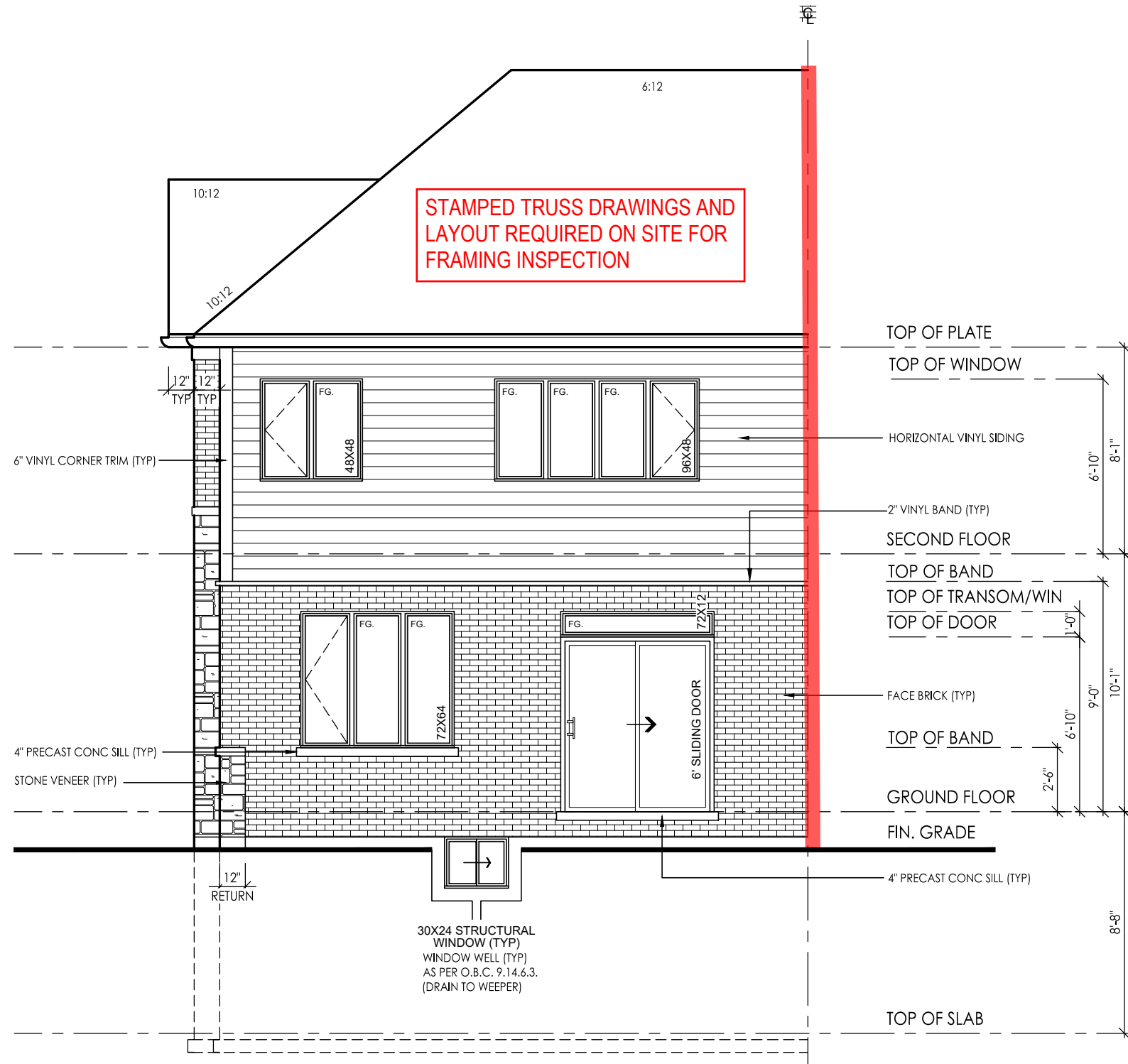
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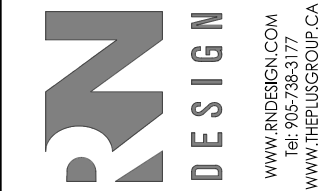
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REAR ELEVATION 'A2' CORNER



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CONSTRUCTION NOTES: - TOWNS & SEMIS

COMPLIANCE PACKAGE A1 - OBC 2012 - 2022 ENACTMENT

(UNLESS OTHERWISE NOTED)
-ALL CONSTRUCTION TO CONFORM TO THE ONTARIO BUILDING CODE (O.B.C.) AND ALL OTHER CODES AND LOCAL AUTHORITIES HAVING JURISDICTION.
-ALL DIMENSIONS GIVEN FIRST IN IMPERIAL FOLLOWED BY METRIC.
-THERMAL RESISTANCE VALUES BASED ON ZONE 1

FOOTINGS / SLABS:

TYPICAL STRIP FOOTING:

O.B.C. 9.15.3.
-BASED ON 16'-1"(4.9m) MAX. SUPPORTED JOIST LENGTH
-MIN. 2200psi (15MPa) CONCRETE AFTER 28 DAYS
-SHALL REST ON UNDISTURBED SOIL, ROCK OR COMPACTED GRANULAR FILL W/ MIN. 21.8psi (150kPa) BEARING CAPACITY
-F.T.G. TO HAVE CONTINUOUS KEY
-F.T.G. SIZES MAY BE REDUCED FOR SOILS W/ GREATER BEARING CAPACITY (AS PER SOILS ENGINEERING REPORT)
-REFER TO WORKING DRAWINGS FOR SPECIFIC SIZES THAT MAY SUPERSEDE NOTES #1 & #2 FOR FOOTING SIZES

1 TYPICAL STRIP FOOTING: (EXTERIOR WALLS)

O.B.C. 9.15.3.5.
-F.T.G. TO EXTEND MIN. 4'-0" (1200mm) BELOW GRADE
BRICK VENEER -1 STOREY -13" X 4" (330mm X 100mm)
-2 STOREY -19" X 6" (485mm X 155mm)
-3 STOREY -26" X 9" (660mm X 230mm)

SIDING- -1 STOREY -10" X 4" (255mm X 100mm)
-2 STOREY -14" X 4" (360mm X 100mm)
-3 STOREY -18" X 5" (460mm X 130mm)

2 TYPICAL STRIP FOOTING: (INTERIOR BEARING WALLS)

O.B.C. 9.15.3.6.
-1 STOREY MASONRY -16" X 4" (410mm X 100mm)
-1 STOREY STUD -12" X 4" (305mm X 100mm)
-2 STOREY MASONRY -26" X 9" (650mm X 230mm)
-2 STOREY STUD -18" X 5" (450mm X 130mm)
-3 STOREY MASONRY -36" X 14" (900mm X 360mm)
-3 STOREY STUD -24" X 8" (600mm X 200mm)

3 STEP FOOTING:

O.B.C. 9.15.3.9.
-23 5/8" (600mm) MAX. VERTICAL RISE & 28 3/4" (730mm) MIN. HORIZONTAL RUN.

4 DRAINAGE TILE OR PIPE:

O.B.C. 9.14.3.
-4" (100mm) MIN. DIA. LAID ON UNDISTURBED OR W/ 1" (25mm) MIN. SAND OR GRAVEL. W/ TOP OF TILE OR PIPE TO BE BELOW BOTTOM OF FLOOR FINISH.
-COVER TOP & SIDES OF TILE OR PIPE W/ 5/8" (16mm) OF CRUSHED STONE OR OTHER COURSE CLEAN GRANULAR MATERIAL.
-TILE SHALL DRAIN TO A SEWER, DRAINAGE DITCH, OR DRY WELL.

5 BASEMENT SLAB:

O.B.C. 9.13. & 9.16.
-3" (75mm) CONCRETE SLAB
-2200psi (15MPa) AFTER 28 DAYS - O.B.C. 9.16.4.5.
-DAMP PROOF BELOW SLAB W/ MIN. 0.006" (0.15mm) POLYETHYLENE OR TYPE 'S' ROLL ROOFING W/ 4" (100mm) LAPPED JOINTS.
-DAMP PROOFING MAY BE OMITTED IF CONCRETE HAS MIN. 3600psi(25MPa) COMPRESSIVE STRENGTH AFTER 28 DAYS
-4" (100mm) OF COURSE GRANULAR MATERIAL
-PROVIDE BOND BREAKING MATERIAL BETWEEN SLAB & FTG.
-WHERE SLAB IS REQUIRED TO BE WATERPROOFED IT SHALL CONFORM TO O.B.C. 9.13.3.
-FLOOR DRAIN PER O.B.C.9.31.4.4.
-R10 (RSI 1.76) INSULATION AT PERIMETER OF SLAB WHERE GRADE IS WITHIN 23-1/2" (600mm) OF BASEMENT SLAB EDGE. INSULATION TO EXTEND TO NOT LESS THAN 23-1/2" (600mm) BELOW EXTERIOR GRADE LEVEL (OBC SB-12-3.1.1.7 (5))
-UNLESS IT CAN BE DEMONSTRATED THAT SOIL GAS DOES NOT CONSTITUTE A PROBLEM, SOIL GAS CONTROL SHALL CONFORM TO SUPPLEMENTARY STANDARD (O.B.C. SB-9)

5a SLAB ON GROUND:

-3" (75mm) CONCRETE SLAB - O.B.C. 9.16.4.3.
-2200psi (15MPa) AFTER 28 DAYS - O.B.C. 9.16.4.5.
-DAMP PROOF BELOW SLAB W/ MIN. 0.006" (0.15mm) POLYETHYLENE OR TYPE 'S' ROLL ROOFING W/ 4" (100mm) LAPPED JOINTS.
-DAMP PROOFING MAY BE OMITTED IF CONCRETE HAS MIN. 3600psi(25MPa) COMPRESSIVE STRENGTH AFTER 28 DAYS
-R10 (RSI 1.76) INSULATION UNDER ENTIRE SLAB WHERE THE ENTIRE SLAB IS WITHIN 23-1/2" (600mm) OF GRADE. (OBC SB-12 3.1.1.7.(6))
-4" (100mm) OF COURSE GRANULAR MATERIAL
-PROVIDE BOND BREAKING MATERIAL BETWEEN SLAB & FTG.
-WHERE SLAB IS REQUIRED TO BE WATERPROOFED IT SHALL CONFORM TO O.B.C. 9.13.3.
-FLOOR DRAIN PER O.B.C.9.31.4.4.
-UNLESS IT CAN BE DEMONSTRATED THAT SOIL GAS DOES NOT CONSTITUTE A PROBLEM, SOIL GAS CONTROL SHALL CONFORM TO SUPPLEMENTARY STANDARD (O.B.C. SB-9)

6 GARAGE SLAB / EXTERIOR SLAB:

-4"(100mm) CONCRETE SLAB
-4650psi (32MPa) COMPRESSIVE STRENGTH AFTER 28 DAYS FOR UNREINFORCED CONC. & W/ 5-8% AIR ENTRAINMENT -O.B.C. 9.3.1.6.
-6" X 6" (W2.9 X W 2.9) WIRE MESH LOCATED NEAR MID-DEPTH OF SLAB
-4" (100mm) OF COURSE GRANULAR MATERIAL
-ANY FILL PLACED UNDER SLAB, OTHER THAN COURSE CLEAN GRANULAR MATERIAL, SHALL BE COMPACTED.

7 PILASTERS:

O.B.C. 9.15.5.3.
PILASTER
-CONCRETE NIB -4" X 12" (100mm X 300mm)
-BLOCK NIB -4" X 12" (100mm X 300mm) BONDED & TIED TO WALL AS PER O.B.C. 9.20.11.2. TOP 7/8" (200mm) SOLID.
OR
BEAM POCKET
-4" (100mm) INTO FDN. WALL W/ WIDTH TO MATCH BEAM SIZE.
-1/2" (13mm) SPACE AROUND WOOD BEAMS (O.B.C. 9.23.2.2.)
STRUCTURAL COLUMNS
-SIZES BASED ON COLUMN SUPPORTING BEAMS CARRYING LOADS FROM NOT MORE THAN 2 WOOD FRAME FLOORS. WHERE THE LENGTHS OF JOISTS CARRIED BY SUCH BEAMS DO NOT EXCEED 16'-1" (4.9m) AND THE LIVE LOAD ON ANY FLOOR DOES NOT EXCEED 50psf (2.4kPa).

8 STEEL PIPE COLUMN:

O.B.C. 9.15.3.4. & 9.17.3.
-FIXED COLUMN
-MIN. 3 1/2" (90mm) DIA. W/ 3/16" (4.76mm) WALL THICKNESS
-FOR STEEL BEAMS, CLIPS @ TOP & MIN. 6" X 4" X 1/4" (152mm X 100mm X 6.35mm) STEEL BTM. PLATE
-FOR WOOD BEAMS, MIN. 4"X4"X1/4" (100mm X 100mm X 6.35mm) STEEL TOP & BTM. PLATES, OR TOP PLATE TO EXTEND MIN. WIDTH OF BEAM
-ADJUSTABLE COLUMNS TO CONFORM TO CAN/CGSB-7.2-M WHERE IMPOSED LOAD DOES NOT EXCEED 36 KN (O.B.C. 9.17.3.4.)
COL. SPACING: FTG SIZE:
2 STOREY
-MAX. 9'-10" (2997mm) -34" X 34" X 16"
-(860mm X 860mm X 400mm)
-MAX. 16'-0" (4880mm) -44" X 44" X 21"
-(1120mm X 1120mm X 530mm)
3 STOREY
-MAX. 9'-10" (2997mm) -40" X 40" X 19"
-(1010mm X 1010mm X 480mm)
-MAX. 16'-0" (4880mm) -51" X 51" X 24"
-(1295mm X 1295mm X 610mm)
-WHERE COL. SITS ON FDN. WALL, USE 4" X 8" X 5/8" (100mm X 200mm X 16mm) STEEL PLATE WITH 2-5/8" (16mm) ANCHOR BOLTS

CLIENT SPECIFIC REVISIONS
ONTARIO REGULATION 332/12 OBC. AMMENDMENT O. REG. 139/17 JAN 1, 2018

I, DANIEL HANNINEN DECLARE THAT I HAVE REVIEWED AND TAKEN DESIGN RESPONSIBILITY FOR THE DESIGN WORK ON BEHALF OF RN DESIGN LTD. UNDER DIVISION C, PART-3 SUBSECTION-3.2.4 OF THE BUILDING CODE. I AM QUALIFIED AND THE FIRM IS REGISTERED IN THE APPROPRIATE CLASSES / CATEGORIES.
QUALIFIED DESIGNER BCIN: 20888
FIRM BCIN: 26995
DATE: JANUARY-13-23

SIGNATURE:

client
Tice River Homes

project
Legacy

Table with 5 columns: #, revisions, date, dwn, chk, #, revisions, date, dwn, chk. Contains revision history for the project.

location
Ayr

marketing name



WWW.RNDESIGN.COM
Tel: 905-738-3177
WWW.THEPLUSGROUP.CA

model
TH-03

scale project #
3/16" = 1'0" 17052

page

D1

9 WOOD COLUMN:

OBC 9.17.4.1 , 9.17.4.2, & 9.17.4.3.
-5/8" x 5 1/2" (140mm x 140mm) SOLID WOOD COLUMN - OR
-3-2"x6" (38mm x 140mm) BUILT UP COLUMN NAILED TOGETHER W/ 3" (76mm) NAILS SPACED NOT MORE THAN 12" (300mm) APART OR BOLTED TOGETHER W/ 3/8" (9.52mm) DIA BOLTS SPACED AT 18" (450mm) O.C.
-WRAP COLUMN BASE W/ 6 MIL POLY
-COLUMN TO SIT DIRECTLY ON CONC PAD (NOT ON CONC SLAB)
-25"x25"x12" (640mm x 640mm x 300mm) CONC PAD (1 FLOOR SUPPORTED W/ 9'-10" COL SPACING)
-34"x34"x14" (860mm x 860mm x 360mm) CONC PAD (2 FLOORS SUPPORTED W/ 9'-10" COL SPACING)

14 WALL ASSEMBLIES:

FOUNDATION WALL:

O.B.C. 9.15.4.2.
-FOR WALLS NOT EXCEEDING 8'-2" (2500mm) IN LATERALLY SUPPORTED HEIGHT.
-8" (200mm) SOLID 2200psi (15MPa) CONCRETE
-MAX. UNSUPPORTED HEIGHT OF 3'-11" (1200mm) & MAX. SUPPORTED HEIGHT OF 7'-0" (2150mm) MEASURED FROM GRADE TO FINISHED BASEMENT FLOOR.
-FOR WALLS NOT EXCEEDING 9'-0" (2750mm) IN LATERALLY SUPPORTED HEIGHT.
-10" (250mm) SOLID 2200psi (15MPa) CONCRETE
-MAX. UNSUPPORTED HEIGHT OF 4'-7" (1400mm) & MAX. SUPPORTED HEIGHT OF 8'-6" (2600mm) MEASURED FROM GRADE TO FINISHED BASEMENT FLOOR.
-LATERAL SUPPORT PROVIDED BY ANCHORED SILL PLATE TO JOISTS.
-FOR CONDITIONS EXCEEDING THESE MAXIMUMS AN ALTERNATIVE IN CONFORMANCE TO O.B.C.-T.9.15.4.2.A SHALL BE USED OR IT SHALL BE DESIGNED UNDER O.B.C.- PART 4
-WALL SHALL EXTEND A MIN. 5/8" (150mm) ABOVE GRADE
-INSULATE W/ R20 (RSI 3.52) CONTINUOUS INSULATION FROM UNDERSIDE OF SUBFLOOR TO NOT MORE THAN 8" (200mm) ABOVE FINISHED FLOOR OF BASEMENT (ZONE 1 OBC SB-12 T.3.1.1.2.A.)
-ALTERNATE INSULATION METHOD: 2" (51mm) R10 (RSI 1.76)RIGID INSULATION W/ 2"x4"(38mm X 89mm) WOOD STUD W/ R12 (RSI 2.11) BAIT INSULATION
-BACK FILL W/ NON-FROST SUSCEPTIBLE SOIL
REDUCTION OF THICKNESS:

O.B.C. 9.15.4.7.
-WHERE THE TOP OF THE FOUNDATION WALL IS REDUCED IN THICKNESS TO ALLOW MASONRY FACING, THE MIN. REDUCED THICKNESS SHALL NOT BE LESS THAN 3-1/2" (90mm) THICK.
-TIE TO FACING MATERIAL WITH METAL TIES SPACED MAX. @ 7/8" (200mm) VERTICALLY O.C. & 2'-11" (900mm) HORIZONTALLY.
-FILL SPACE BETWEEN WALL AND FACING SOLID W/ MORTAR
-WHERE WALL IS REDUCED FOR JOISTS, THE REDUCED THICKNESS SHALL BE MAX. 13-3/4" (350mm) HIGH & MIN. 3-1/2" (90mm) THICK

DAMP PROOFING & WATERPROOFING:

-DAMP PROOF THE EXTERIOR FACE OF WALL BELOW GRADE AS PER O.B.C. 9.13.2.
-WHERE INSULATION EXTENDS TO MORE THAN 2'-11" (900mm) BELOW GRADE, AN FDN. WALL DRAINAGE LAYER SHALL BE PROVIDED IN CONFORMANCE TO O.B.C. 9.14.2.1.(2) (3) (4)
-FINISHED BASEMENTS SHALL HAVE INTERIOR DAMP PROOFING EXTENDING FROM SLAB TO GRADE LEVEL & SHALL CONFORM TO O.B.C. 9.13.2.6.(2)(b)
-WHERE HYDROSTATIC PRESSURE OCCURS, FDN. WALLS SHALL BE WATERPROOFED AS PER O.B.C. 9.13.3.
-WALLS THAT ARE WATERPROOFED DO NOT REQUIRE DAMP PROOFING.

14a FOUNDATION WALLS @ UNSUPPORTED OPENINGS:

-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 APPROX 4" TO 6" APART.
-BARS TO HAVE MIN. 2" (50mm) CONCRETE COVER
-BARS TO EXTEND 2'-0" (600mm) BEYOND BOTH SIDES OF OPENING.

15 FRAME WALL CONSTRUCTION:

O.B.C. 9.23.
-SIDING OR STUCCO AS PER ELEVATIONS, MIN. 7/8" (200mm) FROM FINISHED GRADE (O.B.C. 9.28.1.4. & 9.27.)
-WALL SHEATHING MEMBRANE AS PER O.B.C. 9.27.3.2.
-1/4" (6mm) PLYWOOD (EXTERIOR TYPE) OR EQUIVALENT AS PER O.B.C. 9.23.16.
-2" X 6" (38mm X 140mm) WOOD STUDS @ 16" (400mm) O.C.
-MIN. R22 (RSI 3.87) INSULATION (ZONE 1. OBC SB-12 T.3.1.1.2.A.)
-CONTINUOUS AIR/VAPOUR BARRIER IN CONFORMANCE W/ O.B.C. 9.25.3. & 9.25.4.
-1/2" (12.7mm) GYPSUM BOARD
NOTE - SUPPORT FOR 3 FLOORS ABOVE - O.B.C. T.9.23.10.1. =
-FOR 3 FLOORS SUPPORTED ABOVE, 2" X 6" (38mm X 140mm) STUDS ARE REQUIRED TO BE SPACED @ 12" (300mm) O.C.

REQ. FOR FIRE RATING (LESS THAN 4'-0" LIMITING DISTANCE):

O.B.C. SB-3 WALL = EW1b (STC = N/A, FIRE = 45 MIN)
FOR 45 MINUTE FIRE RATED WALL REQUIREMENTS SUBSTITUTE THE FOLLOWING MATERIALS:
-REPLACE R22 (RSI 3.87) INSULATION WITH R22 (RSI 3.87) ABSORPTIVE INSULATING MATERIAL WITH A MASS OF AT LEAST 4.8 kg/ sq.m.
-REPLACE 1/2" (12.7mm) INTERIOR GYPSUM BOARD WITH 1/2" (12.7mm) TYPE 'X' GYPSUM BOARD.

REQ. FOR FIRE RATING (LESS THAN 2'-0" LIMITING DISTANCE):

-REFER TO REQUIREMENTS FOR LESS THAN 4'-0" LIMITING DISTANCE AND ADD/REPLACE THE FOLLOWING:
-NON-COMBUSTIBLE SIDING OR STUCCO AS PER ELEVATIONS (REFER TO MANUFACTURER'S SPECIFICATIONS).
OR
-VINYL SIDING IS PERMITTED PER O.B.C. 9.10.15.5.(3). OVER 1/2" (12.7mm) GYPSUM EXTERIOR SHEATHING WHICH REPLACES EXTERIOR PLYWOOD OR EQUIV.

15b FRAME WALL CONSTRUCTION @ GARAGE:

O.B.C. 9.23.
-SIDING OR STUCCO AS PER ELEVATIONS, MIN. 7/8" (200mm) FROM FINISHED GRADE (O.B.C. 9.28.1.4. & 9.27.)
-WALL SHEATHING MEMBRANE AS PER O.B.C. 9.27.3.2.
-1/4" (6mm) PLYWOOD (EXTERIOR TYPE) OR EQUIVALENT AS PER O.B.C. 9.23.16.
-2" X 4" (38mm X 89mm) WOOD STUDS @ 16" (400mm) O.C.
-1/2" (12.7mm) GYPSUM BOARD
NOTE - SUPPORT FOR 2 + 3 FLOORS ABOVE - O.B.C. T.9.23.10.1. =
-FOR 2 FLOORS SUPPORTED ABOVE, 2" X 4" (38mm X 89mm) STUDS ARE REQUIRED TO BE SPACED @ 12" (300mm) O.C.
-FOR 3 FLOORS SUPPORTED ABOVE, 2" X 6" (38mm X 140mm) STUDS ARE REQUIRED TO BE SPACED @ 12" (300mm) O.C.

REQ. FOR FIRE RATING (LESS THAN 4'-0" LIMITING DISTANCE):

O.B.C. SB-3 WALL = EW1b (STC = N/A, FIRE = 45 MIN)
FOR 45 MINUTE FIRE RATED WALL REQUIREMENTS SUBSTITUTE AND/OR ADD THE FOLLOWING MATERIALS:
-ADD ABSORPTIVE MATERIAL WITH A MASS OF AT LEAST 2.8 kg/ sq.m.
-REPLACE 1/2" (12.7mm) GYPSUM BD. W/ 1/2" (12.7mm) TYPE 'X' GYPSUM BD.

REQ. FOR FIRE RATING (LESS THAN 2'-0" LIMITING DISTANCE):

-REFER TO REQUIREMENTS FOR LESS THAN 4'-0" LIMITING DISTANCE AND ADD/REPLACE THE FOLLOWING:
-NON-COMBUSTIBLE SIDING OR STUCCO AS PER ELEVATIONS (REFER TO MANUFACTURER'S SPECIFICATIONS).
OR
-VINYL SIDING IS PERMITTED PER O.B.C. 9.10.15.5.(3). OVER SHEATHING PAPER OVER 1/2" (12.7mm) GYPSUM EXTERIOR SHEATHING WHICH REPLACES EXTERIOR PLYWOOD OR EQUIV.

16b BRICK VENEER CONSTRUCTION:

O.B.C. 9.23.
-3-1/2" (90mm) FACE BRICK OR 4" (100mm) STONE @ 36-1" (11m) MAX. HEIGHT
-MIN. 0.03" (0.76mm) THICK, 7/8" (22mm) WIDE CORROSION RESISTANT STRAPS @ MAX. 15 3/4" (400mm) O.C. HORIZONTAL & 23 5/8" (600mm) O.C. VERTICAL SPACING
-PROVIDE WEEP HOLES @ 2'-7" (800mm) O.C. @ BTM. COURSE & OVER OPENINGS
-BASE FLASHING UP TO 5/8" (150mm) BEHIND WALL SHEATHING MEMBRANE (O.B.C. 9.20.13.6.(2))
-BRICK OR STONE SILLS UNDER OPENINGS, FLASHING UNDER
-1" (25mm) AIR SPACE
-WALL SHEATHING MEMBRANE AS PER O.B.C. 9.27.3.2.
-1/4" (6mm) PLYWOOD (EXTERIOR TYPE) OR EQUIVALENT AS PER O.B.C. 9.23.16
-2" X 6" (38mm X 140mm) WOOD STUDS @ 16" (400mm) O.C.
-MIN. R22 (RSI 3.87) INSULATION (ZONE 1. OBC SB-12 T.3.1.1.2.A.)
-CONTINUOUS AIR/VAPOUR BARRIER IN CONFORMANCE W/ O.B.C.- 9.25.3. & 9.25.4.
-1/2" (12.7mm) GYPSUM BOARD
NOTE - SUPPORT FOR 3 FLOORS ABOVE - O.B.C. T.9.23.10.1. =
-FOR 3 FLOORS SUPPORTED ABOVE, 2" X 6" (38mm X 140mm) STUDS ARE REQUIRED TO BE SPACED @ 12" (300mm) O.C.

REQ. FOR FIRE RATING (LESS THAN 4'-0" LIMITING DISTANCE):

O.B.C. SB-3 WALL = EW1b (STC = N/A, FIRE = 45 MIN)
FOR 45 MINUTE FIRE RATED WALL REQUIREMENTS SUBSTITUTE AND/OR ADD THE FOLLOWING MATERIALS:
-REPLACE R22 (RSI 3.87) INSULATION WITH R22 (RSI 3.87) ABSORPTIVE INSULATING MATERIAL WITH A MASS OF AT LEAST 4.8 kg/ sq.m.
-REPLACE 1/2" (12.7mm) GYPSUM BD. W/ 1/2" (12.7mm) TYPE 'X' GYPSUM BD.

16b BRICK VENEER CONSTRUCTION @ GARAGE:

O.B.C. 9.23.
-3-1/2" (90mm) FACE BRICK OR 4" (100mm) STONE @ 36-1" (11m) MAX. HEIGHT
-MIN. 0.03" (0.76mm) THICK, 7/8" (22mm) WIDE CORROSION RESISTANT STRAPS @ MAX. 15 3/4" (400mm) O.C. HORIZONTAL & 23 5/8" (600mm) O.C. VERTICAL SPACING
-PROVIDE WEEP HOLES @ 2'-7" (800mm) O.C. @ BTM. COURSE & OVER OPENINGS
-BASE FLASHING UP TO 5/8" (150mm) BEHIND WALL SHEATHING MEMBRANE (O.B.C. 9.20.13.6.(2))
-BRICK OR STONE SILLS UNDER OPENINGS, FLASHING UNDER
-1" (25mm) AIR SPACE
-WALL SHEATHING MEMBRANE AS PER O.B.C. 9.27.3.2.
-1/4" (6mm) PLYWOOD (EXTERIOR TYPE) OR EQUIVALENT AS PER O.B.C. 9.23.16
-2" X 4" (38mm X 89mm) WOOD STUDS @ 16" (400mm) O.C.
-1/2" (12.7mm) GYPSUM BOARD
NOTE - SUPPORT FOR 2 + 3 FLOORS ABOVE - O.B.C. T.9.23.10.1. =
-FOR 2 FLOORS SUPPORTED ABOVE, 2" X 4" (38mm X 89mm) STUDS ARE REQUIRED TO BE SPACED @ 12" (300mm) O.C.
-FOR 3 FLOORS SUPPORTED ABOVE, 2" X 6" (38mm X 140mm) STUDS ARE REQUIRED TO BE SPACED @ 12" (300mm) O.C.

REQ. FOR FIRE RATING (LESS THAN 4'-0" LIMITING DISTANCE):

O.B.C. SB-3 WALL = EW1b (STC = N/A, FIRE = 45 MIN)
FOR 45 MINUTE FIRE RATED WALL REQUIREMENTS SUBSTITUTE AND/OR ADD THE FOLLOWING MATERIALS:
-ADD R15 (RSI 2.64) ABSORPTIVE MATERIAL WITH A MASS OF AT LEAST 2.8 kg/ sq.m.
-REPLACE 1/2" (12.7mm) GYPSUM BD. W/ 1/2" (12.7mm) TYPE 'X' GYPSUM BD.

17 INTERIOR STUD WALLS:

O.B.C. T.9.23.10.1.
-2" X 4" (38mm X 89mm) WOOD STUDS @ 16" (400mm) O.C. OR
-2" X 6" (38mm X 140mm) WOOD STUDS @ 16" (400mm) O.C. W/
-DOUBLE 2" X 4" OR 2" X 6" TOP PLATES AND SINGLE BOTTOM PLATE
-1/2" (12.7mm) GYPSUM BOARD BOTH SIDES.

18 BEARING STUD WALL (BASEMENT):

-2" X 4" (38mm X 89mm) WOOD STUDS @ 16" (400mm) O.C. OR
-2" X 6" (38mm X 140mm) WOOD STUDS @ 16" (400mm) O.C. W/
-DBL. 2" X 4" OR 2" X 6" TOP PLATE.
-2" X 4" OR 2" X 6" BOTTOM PLATE ON DAMP PROOFING MATERIAL.
-1/2" (12.7mm) GYPSUM BOARD BOTH SIDES.
-1/2" (12.7mm) DIA. ANCHOR BOLTS @ 7'-10" (2400mm) O.C.
-FOOTING AS PER GENERAL NOTE #2 W/ 4" CONC. CURB

19b FIREWALL:

O.B.C. 9.10.11. & 3.1.10. & SB-3 WALL = B6e (STC = 57, FIRE = 2 HR)
-ONE FIREWALL IS REQUIRED FOR EVERY 6460 S.F. (600 SQ.M.) OF BUILDING AREA. O.B.C. T.3.2.2.47.
-1/2" (12.7mm) GYPSUM BOARD W/ TAPED JOINTS
-2" X 2" (38mm X 38mm) WOOD STRAPPING @ 24" (600mm) O.C. ON BOTH SIDES OF WALL
-SOUND ABSORPTIVE MATERIAL EACH SIDE FILLING 90% OF THE CAVITY
-7 1/2" (190mm) CONC. BLOCK, MIN. 2 HR. FIRE-RESISTANT RATING
-EVERY FIREWALL SHALL BE CONTINUOUS THROUGH ALL BUILDING STOREYS
-STAGGER JOISTS & BEAMS MIN. 5" (130mm) @ FIRE WALLS AS PER O.B.C. 9.10.9.9.(1) & TABLE 2.1.1 SB-2
-ACOUSTICAL SEALANT AS PER O.B.C. SB-3 (NOTE (2) TO TABLE 1)
-PROTRUDE PAST FASCIA @ EAVES W/ BRICK CORBELLING
-EXTEND 5/8" (150mm) ABOVE ROOF SURFACES & HAVE ALUMINUM CAP W/ THROUGH WALL FLASHING PER O.B.C. 3.1.10.4.(1)
-WHERE THE DIFFERENCE IN HEIGHT BETWEEN ADJACENT ROOFS IS GREATER THAN 9'10" (3m), WALL NEED NOT EXTEND PAST UPPER ROOF SURFACE PER O.B.C. 3.1.10.4.(2)

20 PARTY WALL - FOUNDATION:

O.B.C. 9.15.4.2.
-7/8" (200mm) SOLID CONC. FOUNDATION WALL @ 2200psi (15MPa) COMPRESSIVE STRENGTH AFTER 28 DAYS
-FOUNDATION WALL TO REST ON FOOTING PER GENERAL NOTE #2

21 PARTY WALL - WOOD STUD:

O.B.C. SB-3 WALL = W13a (STC = 57, FIRE = 1 HR)
-MIN. 1HR FIRE-RESISTANCE RATING CONTINUOUS FROM TOP OF FOOTINGS TO THE U/S OF ROOF DECK
-2 ROWS 2"x4"(38mm X 89mm) STUDS @ 16"(400mm) O.C. W/ SEPARATE 2" X 4" (38mm X 89mm) BOTTOM PLATE & SEPARATE DOUBLE 2" X 4" (38mm X 89mm) TOP PLATES
-SOUND ABSORPTIVE MATERIAL ON BOTH SIDES FILLING A MINIMUM OF 90% OF THE CAVITY.
-5/8" (16mm) TYPE 'X' GYPSUM BOARD BOTH SIDES W/ JOINTS TAPED & FILLED.
-ACOUSTICAL SEALANT AS PER O.B.C. SB-3 (NOTE (2) TO TABLE 1)
NOTE - SUPPORT FOR 2 + 3 FLOORS ABOVE - O.B.C. T.9.23.10.1. =
-FOR 2 FLOORS SUPPORTED ABOVE, 2" X 4" (38mm X 89mm) STUDS ARE REQUIRED TO BE SPACED @ 12" (300mm) O.C.
-FOR 3 FLOORS SUPPORTED ABOVE, 2" X 6" (38mm X 140mm) STUDS ARE REQUIRED TO BE SPACED @ 12" (300mm) O.C.
-IF 2"x6" STUDS ARE USED AT STAIR OPENING CONTINUE TO USE ON REMAINING FLOORS AT THE STAIR OPENING AT 16" O.C.

THESE DRAWINGS ARE NOT TO BE SCALED. ALL DIMENSIONS MUST BE VERIFIED BY CONTRACTOR PRIOR TO COMMENCEMENT OF ANY WORK. ANY DISCREPANCIES MUST BE REPORTED DIRECTLY TO RN DESIGN LTD



22 GARAGE WALL & CEILING: O.B.C. 9.10.9.16.(3) -1/2" (12.7mm) GYPSUM BOARD ON BOTH SIDES OF WALL & U/S OF CEILING BETWEEN HOUSE AND GARAGE

22a WALLS ADJACENT TO ATTIC SPACE: -1/2" (12.7mm) GYPSUM BOARD -CONTINUOUS AIR/VAPOUR BARRIER IN CONFORMANCE W/ O.B.C.-9.25.3. & 9.25.4.

23 DOUBLE VOLUME WALLS: O.B.C. 9.23.10.1. -3/8" (9.5mm) PLYWOOD, OSB OR WATERBOARD SHEATHING -REFER TO PLAN FOR STUD SPECIFICATION

24 EXPOSED FLOOR: -1 HR FRR 21.8psi -FLOOR AS PER NOTE #28 -CONTINUOUS AIR/VAPOR BARRIER IN CONFORMANCE W/ O.B.C.9.25.3 & 9.25.4

24a SUNKEN FINISHED AREAS: -USE SOLID BUILT-UP WOOD BEARING POST TO SUPPORT SUNKEN AREA AT FOUNDATION WALLS. EXTEND FOOTINGS TO SUPPORT POSTS.

25 DOUBLE MASONRY WYTHE WALL: O.B.C. 9.20.8.2. -3 1/2" MASONRY VENEER ON 2" MORTAR JOINT ON 3 1/2" MASONRY VENEER

25a CORBEL MASONRY VENEER: -MASONRY VENEER TO BE CORBELLED AS PER O.B.C. 9.20.12.3.(1)

FLOOR ASSEMBLIES: 26 SILL PLATE: O.B.C. 9.23.7. -2" X 4" (38mm X 89mm) PLATE -1/2" (12.7mm) DIA. ANCHOR BOLTS @ 7"-10" (2400mm) O.C.

27 BRIDGING & STRAPPING: O.B.C. 9.23.9.4. a) STRAPPING -1" X 3" (19mmX 64mm) NAILED TO U/S OF JOISTS @ MAX. 6'-11" (2100mm) O.C.

28 FLOOR ASSEMBLY: O.B.C. 9.23.14.3, 9.23.14.4 -5/8" (15.9mm) WAFERBOARD [R-1 GRADE] OR EQUIVALENT

29 PORCH SLAB: O.B.C. 9.39.1.4. -4 7/8" (125mm) 4650 psi (32 MPa) CONC. SLAB WITH 5 TO 8% AIR ENTRAINMENT

30 EXTERIOR BALCONY ASSEMBLY: -1 1/4" X 3 1/2" PRESSURE TREATED DECKING W/ 1/4" SPACING -2"x4" WOOD PURLINS (CUT DIAGONALLY) @ 12" O.C.

30a EXTERIOR FLAT ROOF ASSEMBLY: -SINGLE PLY WATERPROOF ROOF MEMBRANE OR EQUIVALENT INSTALLED PER MANUFACTURER'S SPECIFICATIONS.

CLIENT SPECIFIC REVISIONS

I, DANIEL HANNINEN DECLARE THAT I HAVE REVIEWED AND TAKEN DESIGN RESPONSIBILITY FOR THE DESIGN WORK ON BEHALF OF RN DESIGN LTD.

ROOF ASSEMBLIES 31 TYPICAL ROOF: O.B.C. 9.26. -NO. 210 (30.5KG/m2) ASPHALT SHINGLES -FOR ROOFS BETWEEN 4:12 & 8:12 PITCH PROVIDE EAVES PROTECTION TO EXTEND UP THE ROOF SLOPE MIN. 2'-11" (900mm) FROM EDGE TO A LINE NOT LESS THAN 12" (300mm) PAST THE INSIDE FACE OF EXTERIOR WALL.

33 CONVENTIONAL FRAMING: O.B.C. TABLE A6 OR A7 -2" X 6" (38mm X 140mm) RAFTERS @ 16" (400mm) O.C. MAX. SPAN 12'-9" (3890mm)

34 ATTIC ACCESS HATCH: OBC 9.19.2.1. & SB-12.3.1.1.8.(1) -19 3/4" X 27 1/2" (500mm X 700mm) ATTIC HATCH WITH WEATHERSTRIPPING & BACKED W/ R20 (RSI 3.52) INSULATION.

35 PRIVATE STAIRS: O.B.C. 9.8.4. -MAX. RISE = 7-7/8" (200mm) -MIN. RUN = 8-1/4" (210mm)

35b GENERAL: -FINISHED RAILING ON WOOD PICKETS MAX. 4" BETWEEN PICKETS -EXTERIOR CONC. STEPS TO HAVE MIN. 9 1/4" (235mm) TREAD & MAX. 7 7/8" (200mm) RISE

35c PUBLIC STAIRS: O.B.C. 9.8.4. -MAX. RISE = 7-3/32" (180mm) -MIN. RUN = 11" (280mm)

35d EXTERIOR GUARDS @ JULIET BALCONY: -FOR RAILING SPANNING MAXIMUM OF 6'-0". -PROVIDE PREFIN. METAL RAILING W/ 76mm VERTICAL OPENING TO CONFORM WITH O.B.C. APPENDIX A-9.8.8.5.

Table with 5 columns: #, revisions, date, dwn, chk, #, revisions, date, dwn, chk. Contains 5 rows of revision data.



FOR STRUCTURAL ITEMS ONLY

35e PUBLIC STAIRS: O.B.C. 9.8.4. -MAX. RISE = 7-3/32" (180mm) -MIN. RUN = 11" (280mm)

35f HANDRAILS: O.B.C. 9.8.7. -ONE HANDRAIL REQUIRED WHERE STAIR WIDTH IS LESS THAN 3'-7" (1100mm) -TWO HANDRAILS REQUIRED WHERE STAIR WIDTH EXCEEDS 3'-7" (1100mm)

35g HEIGHT: O.B.C. 9.8.7.4. -2'-10" (865mm) MIN. TO 3'-2" (965mm) MAX. -3'-6" (1070mm) WHERE GUARDS ARE REQUIRED ON LANDINGS

35h PROJECTIONS: O.B.C. 9.8.7.6. -HANDRAILS AND PROJECTIONS BELOW HANDRAILS INCLUDING STEP STRINGERS TO PROJECT A MAXIMUM OF 4" (100mm) INTO THE REQUIRED WIDTH OF THE STAIR

35i TERMINATION: O.B.C. 9.8.7.3. -ONE HAND RAIL SHALL EXTEND HORIZONTALLY NOT LESS THAN 11 3/4" (300mm) BEYOND THE TOP & BOTTOM OF EACH STAIR

35j FINISH: O.B.C. 9.8.9.6. -TREADS ARE TO BE WEAR AND SLIP RESISTANT, SMOOTH, EVEN AND FREE FROM DEFECTS PER OBC 9.8.9.6.(4)

36 INTERIOR GUARDS: O.B.C. SB-7 & 9.8.8.3. -GUARDS TO BE 3'-6" (1070mm) HIGH -FOR DWELLING UNITS GUARDS TO BE A MIN. OF 2'-11" (900mm) HIGH

36a EXTERIOR GUARDS: O.B.C. SB-7 & 9.8.8.3. -GUARDS ARE REQUIRED WHEN WALKING SURFACE TO GRADE IS GREATER THAN 23 5/8" (600mm).

36b EXTERIOR GUARDS @ JULIET BALCONY: -FOR RAILING SPANNING MAXIMUM OF 6'-0". -PROVIDE PREFIN. METAL RAILING W/ 76mm VERTICAL OPENING TO CONFORM WITH O.B.C. APPENDIX A-9.8.8.5.

37 LINEN CLOSET 4 SHELVES MIN. 1'-2" (350mm) DEEP

38 WASHROOMS TO BE MECHANICALLY VENTED TO PROVIDE AT LEAST ONE AIR CHANGE PER HOUR, O.B.C.-9.32.1.3.(3)

39 CAPPED DRYER VENT

40 1"x2" (19mmX38mm) BOTH SIDES OF STEEL.

41 WOOD FRAMING MEMBERS SUPPORTED ON CONCRETE IN CONTACT WITH GROUND OR FILL SHALL BE PRESSURE TREATED OR SEPARATED FROM CONCRETE W/ 6 mil POLYETHYLENE.

42 PRECAST CONC. STEP -2 RISERS MAXIMUM PERMITTED TO BE LAID ON GROUND

44 SMOKE ALARM, O.B.C.- 9.10.19. -PROVIDE 1 ON EACH FLOOR INCLUDING BASEMENTS -PROVIDE 1 IN EACH BEDROOM

45 CARBON MONOXIDE ALARM (CMA), O.B.C.- 9.33.4. -WHERE THERE IS A FUEL BURNING APPLIANCE A CMA SHALL BE PROVIDED ADJACENT TO EACH SLEEPING AREA.

46 MAIN DOOR TO BE OPERABLE FROM INSIDE W/OUT KEY -PROVIDE A VIEWER WITH A VIEWING ANGLE OF NOT LESS THAN 160 DEG. UNLESS GLAZING IS PROVIDED IN DOOR OR A SIDELIGHT IS PRESENT.

47 GARAGE MAN DOORS TO BE GAS PROOFED WITH SELF CLOSER, WEATHERSTRIPPING, THRESHOLD & DEAD BOLT PER O.B.C. 9.10.13.15. -R4 (RSI 0.70)

48 TRAVEL FROM A FLOOR LEVEL TO AN EXIT OR EGRESS DOOR SHALL BE LIMITED TO ONE FLOOR EXCEPT: 1) WHERE THAT FLOOR LEVEL HAS ACCESS TO A BALCONY OR 2) WHERE THAT FLOOR LEVEL HAS A WINDOW PROVIDING AN UNOBSTRUCTED OPENING OF NOT LESS THAN 3'-3" (1000mm) IN HEIGHT

THESE DRAWINGS ARE NOT TO BE SCALED. ALL DIMENSIONS MUST BE VERIFIED BY CONTRACTOR PRIOR TO COMMENCEMENT OF ANY WORK. ANY DISCREPANCIES MUST BE REPORTED DIRECTLY TO RN DESIGN LTD

Client information form for Tice River Homes, Legacy project, marketing name, location Ayr.

Project information: model TH-03, scale 3/16" = 1'0", project # 17052, page D2, www.rndesign.com



49 EXTERIOR COLUMN W/ MASONRY PIER:

-MIN. 6"X6" (140mm X 140mm) WOOD POST ANCHORED TO PORCH SLAB W/ METAL SADDLE.
-TOP PORTION OF POST CLAD W/ DECOR. SURROUND PER ELEVATION DRAWINGS.
-MASONRY VENEER SURROUND W/ PRECAST CONCRETE CAP. REFER TO ELEVATION DRAWINGS FOR PIER SIZE AND CAP HEIGHT.
-SURROUND TO BE TIED W/ METAL TIES @ 16" (400mm) O.C. VERT. INSTALLED PER O.B.C. 9.20.9.4.
-3/4" AIR SPACE AROUND POST.
OR
-MIN. 6"X6" (140mm X 140mm) WOOD POST CLAD W/ DECOR. SURROUND (PER ELEVATION DRAWINGS) ANCHORED TO CONC. CAP W/ METAL SADDLE.
-MASONRY PIER TO BE CONSTRUCTED SOLID W/ PRECAST CONCRETE CAP. REFER TO ELEVATION DRAWINGS FOR PIER SIZE AND CAP HEIGHT.
NOTE: DECORATIVE STRUCTURAL COLUMNS MAY REPLACE 6" X 6" POST PROVIDED THAT THEY ARE IN CONFORMANCE WITH O.B.C. 9.17.4.

FRAME CONSTRUCTION:

-ALL FRAMING LUMBER TO BE NO.1 AND NO. 2 SPF UNLESS NOTED OTHERWISE.
-ROOF LOADING IS BASED ON 1.5kPa SPECIFIED COMPOSITE SNOW AND RAIN LOADS.
-JOISTS TO HAVE MIN. 1-1/2" (38mm) END BEARING
-BEAMS TO HAVE MIN. 3-1/2" (89mm) END BEARING
-DOUBLE STUDS @ OPENINGS
-DOUBLE HEADER JOISTS AROUND FLOOR OPENINGS WHEN THEY ARE BETWEEN 3'-11" (1200mm) AND 10'-6" (3200mm)
-DOUBLE TRIMMER JOISTS WHEN HEADER JOIST LENGTH IS BETWEEN 2'-7" (800mm) AND 6'-7" (2000mm)
-DOUBLE JOISTS OR SOLID BLOCKING UNDER NON-LOAD BEARING PARALLEL PARTITIONS
-BEAMS TO BE PLACED UNDER LOADBEARING WALLS WHEN WALLS ARE PARALLEL TO FLOOR JOISTS
-BEAMS MAY BE A MAX. 24" (600mm) FROM LOADBEARING WALLS WHEN WALLS ARE PERPENDICULAR TO FLOOR JOISTS
-APPROVED METAL HANGERS TO BE USED FOR JOISTS AND BEAMS WHEN THEY FRAME INTO SIDES OF BEAMS, TRIMMERS AND HEADERS
-FLOOR JOISTS SUPPORTING ROOF LOADS SHALL NOT BE CANTILEVERED MORE THAN 15 3/4" (400mm) BEYOND SUPPORTS FOR 2" X 8" (38mm X 184mm)
-FLOOR JOISTS SUPPORTING ROOF LOADS SHALL NOT BE CANTILEVERED MORE THAN 23 5/8" (600mm) BEYOND SUPPORTS FOR 2" X 10" (38mm X 235mm) OR LARGER.

49c EXTERIOR COLUMN:

-MIN. 6"X6" (140mm X 140mm) WOOD POST CLAD W/ DECOR. SURROUND (PER ELEVATION DRAWINGS) ANCHORED TO PORCH SLAB W/ METAL SADDLE
NOTE: DECORATIVE STRUCTURAL COLUMNS MAY REPLACE 6" X 6" ABOVE PROVIDED THAT THEY ARE IN ACCORDANCE WITH O.B.C. 9.17.4.

50 COLD CELLARS:

FOR COLD CELLARS PROVIDE THE FOLLOWING:
-VENTING AREA TO BE EQUIVALENT TO 0.2% OF COLD CELLAR AREA.
-COVER VENT W/ BUG SCREEN
-WALL MOUNTED LIGHT FIXTURE
-L1-L7 FOR DOOR OPENING
-2'-8" X 6'-8" EXTERIOR TYPE DOOR (MIN.R-4 RSI 0.7)
-INSULATE FULL HEIGHT OF INTERIOR BASEMENT WALL W/ R20 (RSI 3.52) CONTINUOUS INSULATION (ZONE 1 OBC SB-12 T.3.1.1.2.A.)
-ALTERNATE INSULATION METHOD: 2" (51mm) R10 (RSI 1.76) RIGID INSULATION W/ 2"x4" (38mm X 89mm) WOOD STUD W/ R12 (RSI 2.11) BATT INSULATION

51 STUD WALL REINFORCEMENT:

O.B.C. 9.5.2.3.
-WALL STUDS ADJACENT TO WATER CLOSETS & SHOWER BATH TUBS IN MAIN BATHROOM ARE TO BE REINFORCED TO PERMIT THE FUTURE INSTALLATION OF GRAB BARS AS PER O.B.C. 3.8.3.8.(3)(a)&(c) & 3.8.3.13.(2)(f) & 3.8.3.13.(4)(c)
-GRAB BARS TO BE INSTALLED AS PER O.B.C. 9.8.7.7.(2)

53 WINDOW GUARDS:

@ STAIRS, LANDINGS & RAMPS - OBC 9.8.8.1.(8)
WINDOW SILL AT 3'-0" (900mm) OR GREATER DOES NOT REQUIRE GUARDS
@ FLOORS - OBC 9.8.8.1.(6)
WINDOWS LESS THAN 1'-7" (480mm) ABOVE FLOORS WHERE ADJACENT GRADE IS GREATER THAN 5'-11" (1800mm) REQUIRE A GUARD PER OBC 9.8.8.2.
-OR-
WINDOW TO BE NON-OPERABLE AND DESIGNED TO WITHSTAND LATERAL LOADS PER OBC 9.8.8.1.(8)(b)

WATERPROOF WALLS IN BATHROOMS:

-REQUIRED AS PER OBC 9.29.2.1.

WINDOWS:

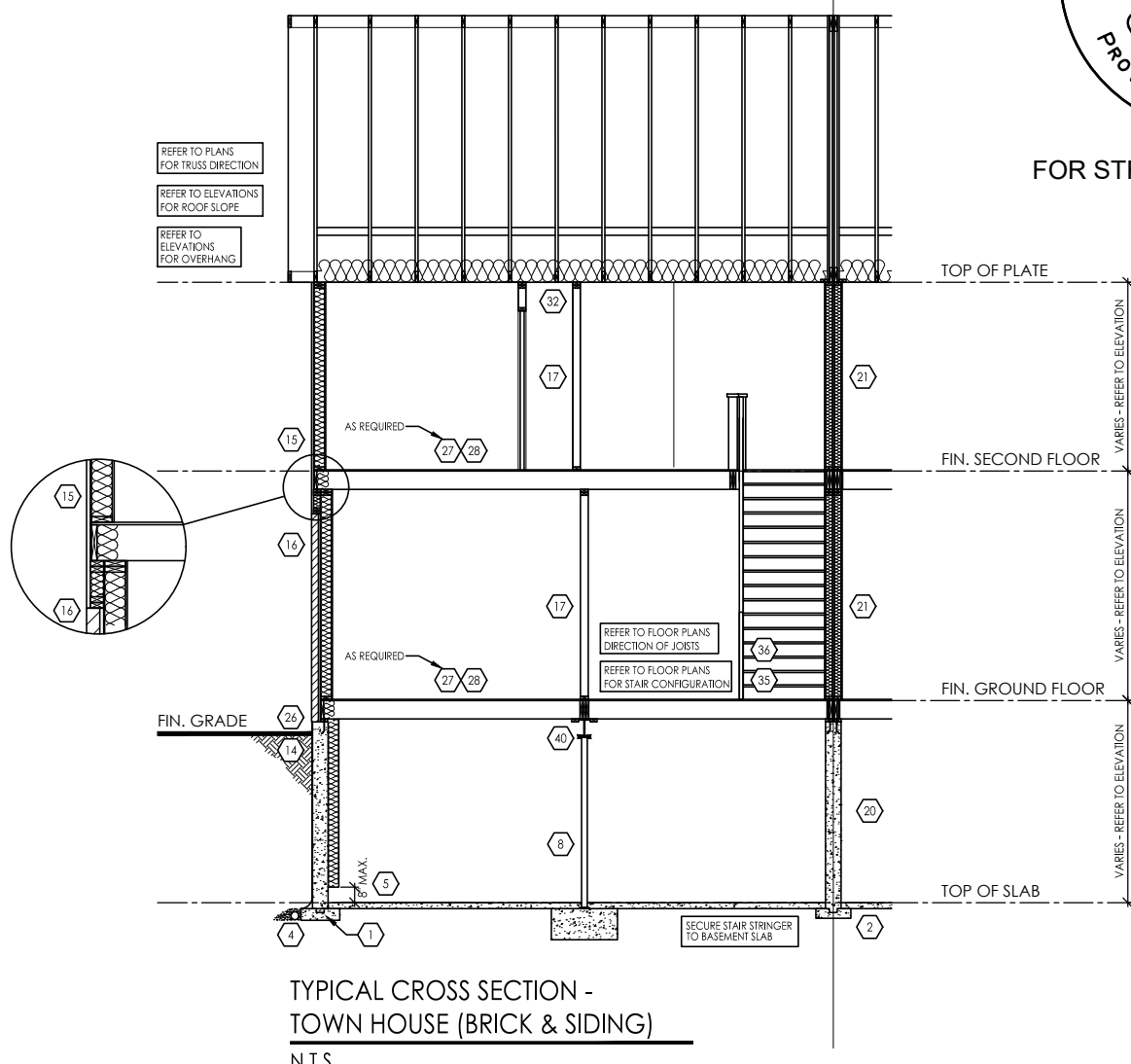
-WINDOWS TO BE SEALED TO THE AIR & VAPOR BARRIER
-WINDOWS THAT SEPARATE HEATED SPACE FROM UNHEATED SPACE SHALL HAVE AN OVERALL COEFFICIENT OF HEAT TRANSFER OF 1.6 W/(m2.K) OR
-AN ENERGY RATING OF NOT LESS THAN 25 FOR WINDOWS
-BASEMENT WINDOWS WITH LOAD BEARING STRUCTURAL FRAME SHALL BE DOUBLE GLAZED WITH LOW-E COATING
-SKYLIGHTS SHALL HAVE AN OVERALL COEFFICIENT OF HEAT TRANSFER OF 2.8 W/(m2.K)
-FOR GROSS GLAZED AREAS LESS THAN AND EQUAL TO 17%

DRAIN WATER HEAT RECOVERY:

-DWHR UNITS TO BE INSTALLED AS PER OBC SB-12 3.1.1.1.(22) & 3.1.1.12. SENTENCES (1) TO (6)
-DWHR ARE REQUIRED IN ALL DWELLING UNITS TO RECEIVE DRAIN WATER FROM ALL SHOWERS OR FROM AT LEAST 2 SHOWERS WHERE THERE ARE 2 OR MORE SHOWERS PROVIDED THERE IS A CRAWL SPACE OR STOREY BELOW THE SHOWERS.



FOR STRUCTURAL ITEMS ONLY



TYPICAL CROSS SECTION - TOWN HOUSE (BRICK & SIDING) N.T.S.

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CLIENT SPECIFIC REVISIONS

SCHEDULES

Table with 2 columns: DOORS (46, 47) and descriptions (A-G) including sizes like 865x2030x45 and materials like 2x6x8x1-3/4.

Table with 2 columns: STEEL BEAMS (ST1-ST5) and descriptions (W 6 X 15, W 6 X 20, etc.)

Table with 3 columns: WOOD BEAMS (WD1-WD17), LINTELS (L1-L13), and descriptions including sizes like 3/2" X 8" SPR and 4" X 3-1/2" X 1/4" L.

PLAN/ELEVATION LEGEND

Legend table listing symbols for Smoke Alarm, Waterproof Duplex Outlet, Vents and Intakes, Hose Bib, Exhaust Fan, Cold Cellar Vent, Stove Vent, Fire Place Vent, Dryer Vent, Carbon Monoxide Alarm, Double Joist, Pressure Treated Lumber, Girder Truss, Above Finished Floor, Beam by Floor Manuf, Flush, Dropped, Repeat Same Joist Size, Under Side, Fixed Glazing, Glass Block, Black Glass, Floor Drain, Solid Bearing, Point Load, Flat Arch, 2 Story Wall, Ext. Light Fixture, Hydro Meter, Gas Meter.

I, DANIEL HANNINEN DECLARE THAT I HAVE REVIEWED AND TAKEN DESIGN RESPONSIBILITY FOR THE DESIGN WORK ON BEHALF OF RN DESIGN LTD. UNDER DIVISION C, PART-3 SUBSECTION 3.2.4 OF THE BUILDING CODE. I AM QUALIFIED AND THE FIRM IS REGISTERED IN THE APPROPRIATE CLASSES / CATEGORIES.
QUALIFIED DESIGNER BCIN: 20888
FIRM BCIN: 26995
DATE: JANUARY-13-23

Client: Tice River Homes, location: Ayr, project: Legacy. Includes a table of revisions with columns for #, revisions, date, dwn, chk, #, revisions, date, dwn, chk.



model: TH-03
scale: 3/16" = 1'0"
project #: 17052
page: D3