Item: 1



# HERITAGE VAUGHAN REPORT

**DATE:** Wednesday, April 18, 2018 **WARD(S):** 2

TITLE: NEW CONSTRUCTION – DETACHED GARAGE
50 CLARENCE STREET, WOODBRIDGE HERITAGE
CONSERVATION DISTRICT

## FROM:

Jason Schmidt-Shoukri, Deputy City Manager, Planning and Growth Management

**ACTION:** DECISION

# **Purpose**

To seek a recommendation from the Heritage Vaughan Committee regarding the proposed construction of a detached garage located at 50 Clarence Street, a property located in the Woodbridge Heritage Conservation District "WHCD" and designated under Part V of the *Ontario Heritage Act*.

# **Report Highlights**

- The Owner is proposing a detached garage to be located at 50 Clarence Street.
- The proposal is consistent with the relevant policies of the Woodbridge Heritage Conservation District Plan ("WHCD Plan").
- Heritage Vaughan review and Council approval is required under the *Ontario Heritage Act*.
- Staff is recommending approval of the proposal as it conforms with the policies of the Woodbridge Heritage Conservation District Plan ("WHCD Plan").

# Recommendations

- 1. THAT Heritage Vaughan recommend approval to Council for the proposed detached garage at 50 Clarence Street under Section 42 of *Ontario Heritage Act*, subject to the following conditions:
  - a) Any significant changes to the proposal by the Owner may require reconsideration by the Heritage Vaughan Committee, which shall be determined at the discretion of the Director of Development Planning and Manager of Urban Design and Cultural Heritage;
  - b) That Heritage Vaughan Committee recommendations to Council do not constitute specific support for any Development Application under the *Ontario Planning Act* or permits or requirements currently under review or to be submitted in the future by the Owner as it relates to the subject application.

# **Background**

The subject property is municipally known as 50 Clarence Street and is located on the southwest corner of Rosebury Lane and Clarence Street, as shown on Attachment #1. The subject property is noted as a "Contributing" property within the WHCD Plan. The existing one-storey building is identified as a "1940's cottage" in the WHCD Plan Inventory, and is further noted as being "heavily modified, new additions and windows".

# **Previous Reports/Authority**

Not applicable.

# **Analysis and Options**

## **Proposed Alterations**

The proposal is for a new detached garage located in the rear/side yard of 50 Clarence Street. The garage will be accessed from the existing paved driveway off Rosebury Lane. The main elevation of the garage would face Rosebury Lane and be set back 4.64 m from the property line. The garage will be set back 10.3 m from the existing house and is 3.71 m in height with a gable roof and wood paneled garage doors. The exterior finish is brick veneer and pre-cast corner quoins to match the existing dwelling. The roof material is asphalt shingles.

## Minor Variances

The applicant has confirmed with the Zoning Department that no variances will be required for this proposal.

## Clarence Street and Park Drive Character Area

The subject property is located within the Clarence Street and Park Drive Character Area of the WHCD. The following is an analysis of the applicable WHCD policies:

5.3.2.5. Circulation, vehicular access and parking

"On-site parking, garages, and parking structures are generally concealed behind or below inhabited buildings."

- The proposed garage will be located behind the existing contributing building that fronts onto Clarence Street. The garage will be visible from Rosebury Lane, however this property is located on the border of the WHCD boundary, and other properties on Rosebury Lane are not included in the WHCD boundary.
- 6.1.5 Clarence Street and Park Drive Heritage Attributes Guidelines:
- "1. The Street should retain the existing residential character with a single family detached building type and be designed to support a pedestrian streetscape."
- The proposed garage will not impact the existing residential character, as the
  existing single family detached building type will remain and the detached garage
  will appear as a separate, secondary outbuilding. The proposed garage will be
  3.71m in height, which will not impact the existing dweling which is approximately
  4.5m in height.

Section 6.2.8 Appropriate Materials

"Doors: Wood doors and frames, panel construction, may be glazed; transom windows and paired sidelights with real glazing bars; wood french doors for porch entrances; single-bay, wood panelled garage doors."

• The proposed single-bay insulated steel garage doors will mimic the appearance of wood doors, as shown on the material sample in Attachment #6.

Section 6.6.3 – Tree Canopy and Vegetation – Guidelines:

- "3. Trees on public and private property, having a tree diameter of twenty (20) centimetres or more or having a base diameter of twenty (20) centimetres or more, must be conserved, and the requirements of the City of Vaughan Tree Bylaw 185-2007 must be adhered to."
- The applicant has confirmed that the existing trees on the property will not be removed.

Based on the above analysis, the proposed detached garage is in conformity with the policies of the WHCD Plan.

## **Timeline**

This application is subject to the 90 day review under the *Ontario Heritage Act*. This application was declared complete on March 6, 2018, and must be deliberated upon by June 4, 2018, to meet the 90 day timeline.

# **Financial Impact**

There are no requirements for new funding associated with this report.

# **Broader Regional Impacts/Considerations**

There are no broader Regional impacts or considerations.

# **Conclusion**

The Urban Design and Cultural Heritage Division has reviewed the application to permit a new garage on the property municipally known as 50 Clarence Street and is satisfied that the proposed garage is consistent with the Woodbridge Heritage Conservation District Plan. Accordingly, the Urban Design and Cultural Heritage Division of the Development Planning Department can support the approval of the proposed alteration under Section 42 of the *Ontario Heritage Act*.

**For more information,** please contact: Shelby Blundell, Cultural Heritage Coordinator, ext. 8813

# **Attachments**

- 1. Location Map
- 2. Subject Property
- 3. Site Photos
- 4. Site Plan, RN Design Ltd., March 5, 2018
- 5. Elevations, RN Design Ltd., March 5, 2018
- 6. Metal Garage Door Material Sample, provided by RN Design Ltd.

# Prepared by

Shelby Blundell, Cultural Heritage Coordinator, ext. 8813

/CM

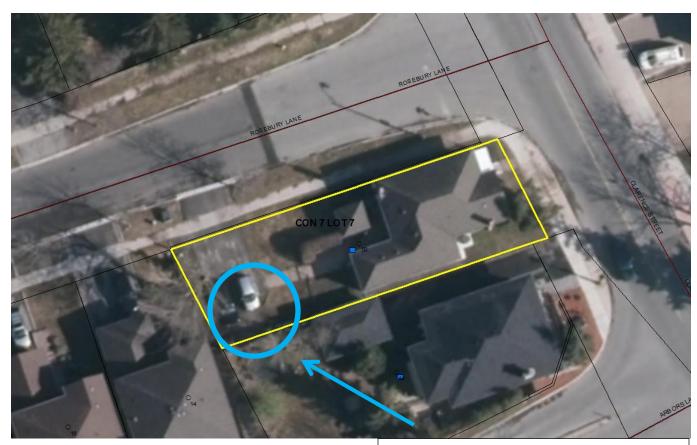
# **Attachment 1**

# **Location Map**



# Attachment 2

# **Subject Property**



Approximate Location of Proposed Garage

# **Attachment 3**



**Subject Property from Clarence Street** 



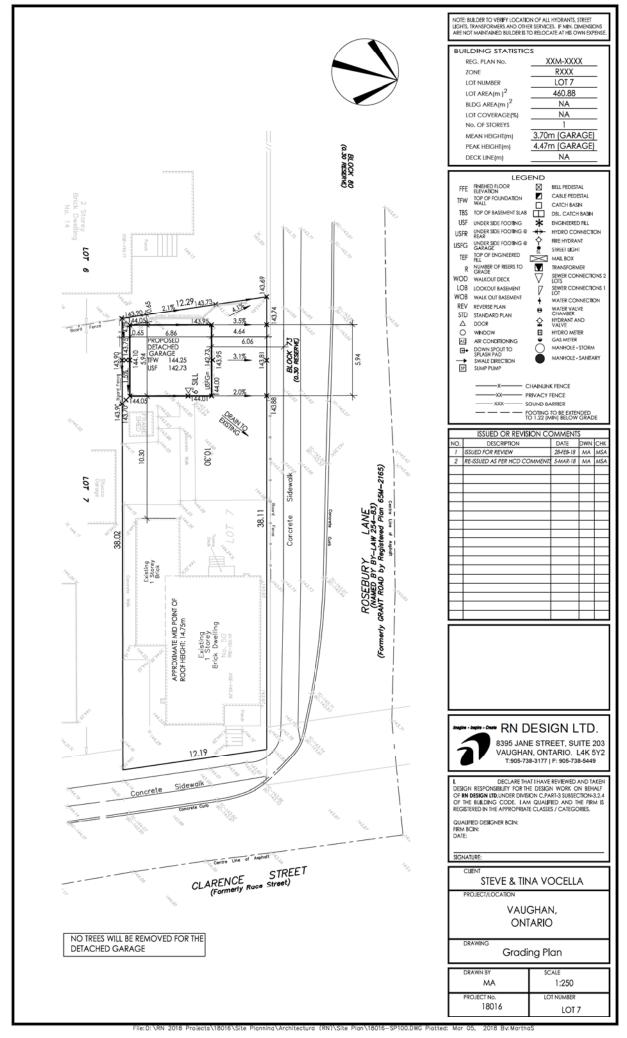
Existing Driveway – Location of Proposed Garage



**Existing Fenced Backyard** 



**Existing Fenced Backyard** 





# Drawing List:

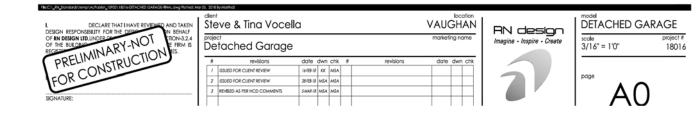
- AO TITLE SHEET
- A1 FOUNDATION PLAN ELEV 'A'
  GROUND FLOOR ELEV 'A'
- A2 REAR ELEVATION 'A' FRONT ELEVATION 'A' ROOF PLAN ELEV 'A'
- A3 LEFT SIDE ELEVATION 'A' RIGHT SIDE ELEVATION 'A'
- D1 CONSTRUCTION NOTES
- D2 CONSTRUCTION NOTES
- D3 CONSTRUCTION NOTES

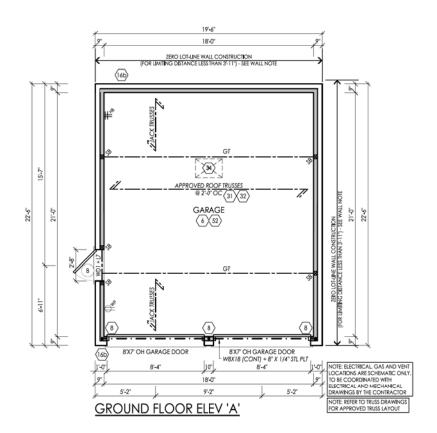
# Areas:

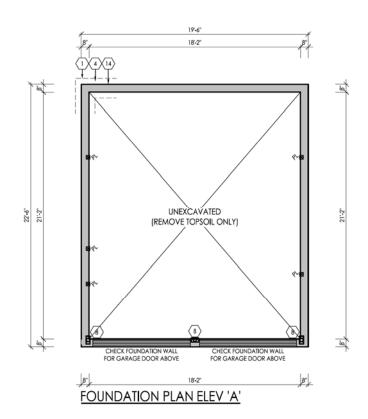
	ELEVATION 'A'	
	SF	SM
GARAGE COVERAGE	438.8	40.76

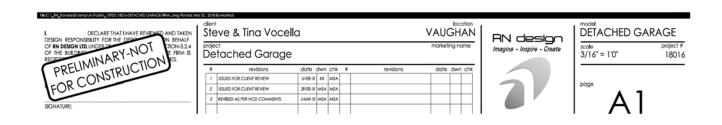
Steve & Tina Vocella

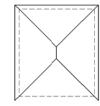
Detached Garage









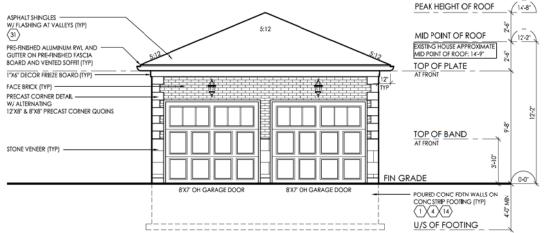


NOTE: ALL CONVENTIONAL ROOF FRAMING TO CONFORM TO PART 9 OF THE OBC. ROOF RAFTERS THAT MEET OR CROSS OVER TRUSSES ARE TO BE 2"X4" SPF @ 24" O.C. WITH A 2"X4" SPF VERTICAL POST TO THE TRUSS UNDER, AT EACH CROSS POINT. POSTS LONGER THAN 6' TO BE LATERALLY BRACED SO THAT THE DISTANCE BETWEEN END POINTS & BETWEEN ROWS OF BRACING DOES NOT EXCEED 6'.

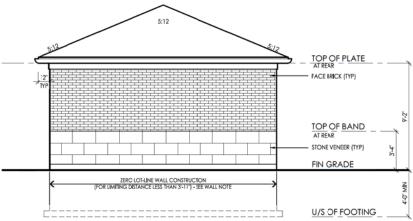
NOTE: REFER TO TRUSS DRAWINGS FOR APPROVED TRUSS LAYOUT

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

**ROOF PLAN ELEV 'A'** 



# FRONT ELEVATION 'A'



**REAR ELEVATION 'A'** 

VAUGHAN

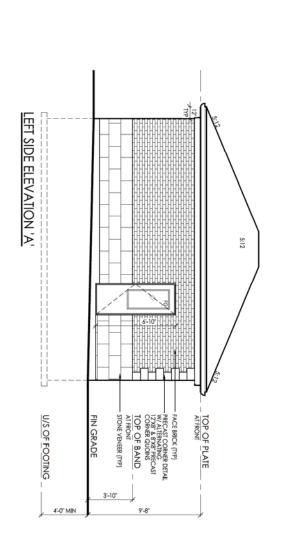
Steve & Tina Vocella project Detached Garage

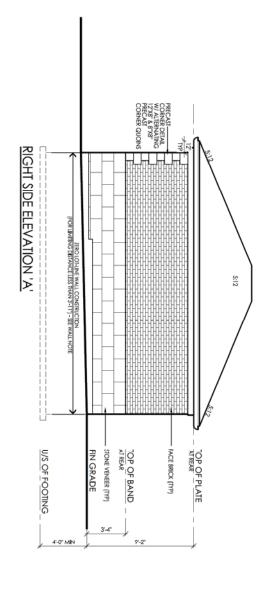
dwn chk kk MSA MSA MSA MSA MSA

CONSTRUCTION PRELIMINARY-NOT FOR CONSTRUCTION

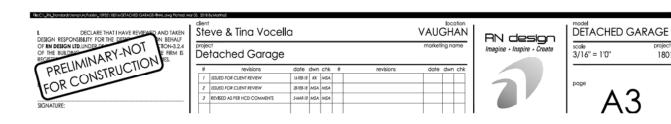
DETACHED GARAGE

scole project #
3/16" = 1'0" 18016





project # 18016



## COMPLIANCE PACKAGE A1 - OBC 2012 - 2017 ENACTMENT 9 WOOD COLUMN

-ALL CONSTRUCTION TO CONFORM TO THE ONTARIO BUILDING CODE (O.B.C.) AND ALL OTHER CODES AND LOCAL AUTHORITIES BUILDING STATE OF THE STA

### FOOTINGS / SLABS:

POOLINGS / SLABS:

TYPICAL SIZE POOLING:

O.B.C. 9.15.3.

ASED ON 16-1"(4-9m) MAX. SUPPORTED JOIST LENGTH

-MIN. 2000pd (15MPc) CONCRETE AFTER 28 DAYS

-MALL REST ON UNDISTURBED SOIL, ROCK OR COMPACTED GRANULAR FILL

W/ MIN. 10.97pd (75MPc) BEARING CAPACITY

-FIC. 10 HAVE CONTINUOUS RESTORMENT OF PROPERTY

-FIC. 50 MAY ER REDUCED FOR SOILS W/ GREATER BEARING CAPACITY

-FIC. 50 STAM SOUNCEMENT GREPORT)

-REFER TO WORKING DRAININGS FOR SPECIFIC SIZES THAT MAY SUPERSEDE

NOTES #1 & SUPERFORMENT OF PROPICE SIZES THAT MAY SUPERSEDE

1 TYPICAL STRIP FOOTING: (EXTERIOR WALLS)

-RICK VENEER - 1 STOREY - 16" X 4" (1200mm) BELOW GRADE
BRICK VENEER - 1 STOREY - 15" X 4" (330mm X 100mm)
- 2 STOREY - 16" X 4" (445mm X 155mm)
- 3 STOREY - 26" X 9" (660mm X 230mm)

-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)

3 STEP FOOTING:

O.B.C. 9.15.3.9.
-23.5/8" (600mm) MAX. VERTICAL RISE & 23.5/8" (600mm) MIN. HORIZONTAL RUN.

# 4 DRAINAGE TILE OR PIPE:

C.D.C. 7.14.3.

4. O.D.C. 7.14.3

## 5 BASEMENT SLAB:

O.B.C. 9, 13. & 9, 16.

SI (25mm) CONCRETE SLAB

SI (25mm) CONCRETE SLAB

SI (25mm) CONCRETE SLAB

O.B.C. 9, 16. 4.5.

O.B.M.PPROOF BELOW SLAB W/ MIN. 0,000\* (0,15mm) FOLYETHYLENE OR TYPE'S TOLL ROOPING W/\* of 100mm) LAPPED JONIS.

-DAMPPROOFING MAY BE OMITTED IF CONCRETE HAS MIN. 3600psi(25MPa)

COMPRESSIVE SIRKORITH AFTER 20 DAYS

4\* (100mm) OF COURSE GRANULAR MALERAL

FROVIDE BOND BERANNO MARRAL BELLEWIS SLAB & FIG.

-WIERE SLAB S REQUIRED TO BE WAITERNOOFED IT SHALL CONFORM TO

-HOLD SLAB PRO OR CONFORM TO

-HOLD SHAP BOLD SHAP CONFORM TO

-HOLD SHAP

- 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:

STAB OF GROUND:

7: [75mm] CONCRETE SIAB - O.B.C. 9.16.4.3.
2200pd [15MPo] AFTER 28 DAYS - O.B.C. 9.16.4.5.
2200pd [15MPo] AFTER 28 DAYS - O.B.C. 9.16.4.5.
10AMPPROCHE BELOW SIAB WINN, 0.000° [0.15mm] POLYETHYLENE OR
17PE 'S ROLL ROOFING WY 4" [100mmi] LAPPED JOHNIS.
10-AMPPROCHING MAY BE CHITTED IF CONCRETE HAS MIN. 3600pd][25MPo]
COMPRESSIVE SITENDITH AFTER 28 DAYS
18.10 [181.1-6] INSULIATION LINDER FINITE SIAB WHERE THE ENTIRE SIAB IS
WITHIN 23-1/7 [400mmi] OF GRADE. (08C 38-12.3.1.1.7.[6])
4.100mmi] OF COURSE GRAVILAR MATERIAL
4.100mmi] OF GRADE OF COURSE GRAVILAR MATERIAL
6.100mmi] OF GRADE OF COURSE GRA

-WHERE SAME OF RESOURCE
OBJECT, 931, 4.4.
-INDESS TO AND BE DEMONSTRATED THAT SOIL GAS DOES NOT CONSTITUA PROBLEM, SOIL GAS CONTROL SHALL CONFORM TO SUPPLEMENTARY

6 ARAGE SLAB / EXTERIOR SLAB:

-(100mm) CONCRETE SLAB

-(4500) (30MPg) COMPRESSIVE STRENGTH AFTER 28 DAYS FOR
UNREINFORCED CONC. 8. W/ 5-8% AIR ENTRAINMENT - 0. B.C. 9.3.1.6.

-(5' X G' W2-9' X W 2-9' WIRE MESH LOCATED NEAR MID-DEPITH OF SLAB

-(100mm) OF COURSE GRANULAR MATERAL

-ANY PEL PLACED UINDRE SLAB, OTHER THAN COURSE CLEAN GRANULAR
MATERIAL, SHALL BE COMPACTED.

| PILASTERS:
O.B.C.	9.15.5.3.	
PILASTER	O.B.C.	9.15.5.3.
PILASTER	O.B.C.	0.15.5.3.
PILASTERS	O.B.C.	0.15.5.
PILASTERS	O.B.C.	0.15.5.
PILASTERS	O.B.C.	0.15

8 STEEL PIPE COLUMN:
O.B.C. 9.15.3.4. & 9.17.3.
-FIXED COLUMN

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" (152mmX 100m 3.35mm) STEEL BTM. PLATE

-c.Smring Siele Bink "ACR" AND READ TO SEE TO SE

2 STOREY -MAX. 9'-10" (2997mm)

- 34" X 34" X 16" - (860mmX 860mmX 400mm) - 44" X 44" X 21" - (1120mmX 1120mmX 530mm) -MAX. 16'-0" (4880mm)

3 STOREY -MAX. 9'-10" (2997mm)

### ♦ CLIENT SPECIFIC REVISIONS

OGC 9,17.4.1, 9,17.4.2, & 9,17.4.3.

5 8" x 5 3" (146mm x 140mm) SOLID WOOD COLUMN - OR

5 3" x 5 3" (146mm x 140mm) SOLID WOOD COLUMN - OR

5-22"6" (Samm x 140mm) BULL UP COLUMN NAILED TOGETHER

W/3" I Thermi NALS SPACED NOT MORE THAN 12" (SODmm) APART OR BULTED

TOGETHER W/3" (9" 5-25mm) DN BOLIS SPACED AT 18" (450mm) O.C.

\*\*WAP COLUMN 10 ST DIRECTLY ON CONC. PAD (NOT ON CONC. SLAB)

COLUMN 10 ST DIRECTLY ON CONC. PAD (NOT ON CONC. SLAB)

W/3" - 10" COL SPACING)

W/3" - 10" COL SPACING)

W/3" - 10" COL SPACING)

-34"x34"x14" (860mm x 860mm x 360mm) CONC PAD (2 FLOORS SUPPORTED W/ 9"-10" COL SPACING)

# 10 BLOCK PARTY WALL BEAM END BEARING: (WOOD BEAM / GIRDER TRUSSES)

-2"XB"X12" LEDGER BOARD FASTENED W/ 2/ 1/2" ANCHOR BOLTS @ 4" O.C. -WHERE WOOD BEAMS BEAR ON FIREWALLS USE GENERAL NOTE 11 -WHERE REQUIRED TO OBTAIN 5" SEPARATION DISTANCE -BETWEEN ADJACENT BEAMS

# 11) BLOCK PARTY WALL BEAM END BEARING: (STEEL BEAM)

-12"X11"X 5/8" STL, PLATE ON TOP OF SOUID CONCRETE BLOCK WITH 2-1/2"/Ø x8" ANCHOR BOLTS.

### WALL ASSEMBLIES:

## FOUNDATION WALL

POUNDATION WALE

O.B.C. 9.15.4.2.

J.B.C. 9.15.4

-LATERAL SUPPORT PROVIDED BY ANCHORED SILL PLATE TO JOSTS.

-FOR CONDITIONS EXCEEDING THESE MAXIMUMS AN ALTERNATIVE IN CONFORMANCE TO O.B.C.-T.9.15.4.2.4. SHALL BE USED OR IT SHALL BE DESIGNED UNDER O.B.C.-P.ARI 4

-WALL SHALL EXTEND A MIN. 5.7/8′ [150mm] ABOVE GRADE

-PASULATE W. FASO (1833.3.2) CONTINUOUS INSULATION FROM UNDERSIDE OF SUBILLOOK TO NOT MORE THAN BY (200mm) ABOVE FINISHED FLOOR OF BUSINGS OF THE OFFICE OF THE OFFICE OF THE OFFICE OF THE OFFICE OFFICE OF THE OFFICE OFFICE

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

ALLOW MASONRY FACING, THE MIN. REDUCED THICKNESS SHALL NOT BE LEI HANA 3-1/Z ("Domn) THICK.
- ITE TO FACING MATERIAL WITH METAL ITES SPACED MAX. @ 7 7/8" (200mm) VERIFICALLY C. E. Z.-11" ("POOlmm) HORIZONTALLY.
- FILL SPACE BETWEEN WALL AND FACING SOLID W, MORTAR VEHICKEL WILL SERDUCED FOR JOSST, INE REDUCED THICKNESS SHALL BE MAX. 13-3/4" (350mm) HIGH & MIN. 3-1/2" (90mm) THICK

DAMPPROOFING & WATERPROOFING:
-DAMPPROOF THE EXTERIOR FACE OF WALL BELOW GRADE AS PER O.B.C.

9.13.2. "WHERE INSULATION EXTENDS TO MORE THAN 2"-11" (FOOTmm) BELOW GRADE, A FON. WALL DEARNAGE LAYER SHALL BE PROVIDED IN CONFORMANCE TO O.B.C., 9.14.2.1 (2) [3] (4] "INISHED BASEMENTS SHALL HAVE INTERIOR DAMPPROOFING EXTENDING FROM 3A.8 TO GRADE LEVEL 8.4 HALL CONFORM TO O.B.C., 9.13.3.(3) "WHERE HYDROSTATIC PRESSURE OCCURS, FDN. WALLS SHALL BE WATERPROOFED AS FER O.B.C., 9.13.3.
"WHILE HYDROSTATIC PRESSURE OCCURS, FDN. WALLS SHALL BE "WALLS THAT ARE WATERPROOFED DO NOT REQUIRE DAMPPROOFING.

## 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., 92.8.1.4.8. PG 28.1.4.8. PG 27.1.

SIDING OR STILICCO AS PER ELFVAIDONS, MIN. 7.7/B\* (200mm) FROM FINISHED GERADE (O.B.C., 923.1.4.8. PG 27.)

-WALL SHEATHING MEMBERANE AS PER O.B.C., 9.27.3.2.

-I/4\* (Samm) PLYWOOD (EXTERIOR TYPE) OR EQUIVALENT AS PER O.B.C., 9.23.16.

-ZY & GBRIMN X 140mm) WOOD STUDS & 16\* (400mm) O.C.

-MAIN RZ2 (PSI 337) NISULATION (O.DRE I. O.B.C.) SET 21.3.1.1.2.A.,

-CONTINUOUS AIR/VAPOUR BARBER IN CONFORMANCE W/ O.B.C., 9.25.3. 8.9.25.4..

T/Z (12.7mm) GYPSIJM BOARD NOTE - SUPPORT FOR 3 FLOORS ABOVE - O.B.C. 1,9.23,10,1, = FOR 3 FLOORS SUPPORTED ABOVE, 2°1,8° (38mm) 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. WALL E-WID SICE NAM. AFE LIMITING DISTANCE:
O.B.C. SB. WALL E-WID SICE NAM, A REE = 45 MIN)
FOR 45 MINUTE FIRE RATED WALL REQUIREMENTS SUBSTITUTE THE FOLLOWING
MATERIALS:
-REPLACE RZZ [RS] 387 INSULATION WITH RZZ [RS] 387/I ABSORPTIVE
INSULATION, MATERIAL WITH A MASS OF AT LEAST 4.8 kg/ sq.m.
-REPLACE 1/Z (12.7mm) INTERIOR GYPSUM BOARD WITH 1/Z (12.7mm) TYPE
YG FYSUM BOARD.

OK -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.

(150) ALTERNATE FRAME WALL CONSTRUCTION:
O.B.C. 9.23.
-SIDING OR STUCCO AS PER ELEVATIONS, MIN. 7 7/8" (200mm) FROM FINISHED GRADE (O.B.C. 9.28.1.4, & 9.27.) -1 1/2" (38mm) R8 (RSI 1.41) RIGID INSULATION W/TAPED JOINTS (O.B.C

39.7. Assistanting logical and the state of the state of

R14 (RSI 2.46) INSULATION CONTINUOUS AIR/VAPOUR BARRIER IN CONFORMANCE W/ O.B.C.- 9.25.3. &

9.25.4.

1/[7 [1/2.7mm] GYPSUM BOARD.

NOTI - SUPPORT FOR 2 - 3 FLOORS ABOVE - O.B.C., 1.9.23.10.1. =
-FOR 2 FLOORS SUPPORTED ABOVE, 2" X of [38mmX 89mm] STUDS ARE
REQUIRED TO BE SPACED ® 12" [300mm] O.C.
-FOR 3 FLOORS SUPPORTED ABOVE, 2" X of [38mmX 1 40mm] 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 = EWID (STC = N/A, FIRE = 45 MIN)
FOR 45 MINUTE FIRE RATED WALL REQUIREMENTS SUBSTITUTE AND/OR ADD THE
FOLLOWING MATERIALS:

FOLLOWING MATERIALS:

A-DD 1/F (semi) RYWOOD (EXTERIOR TYPE) OR EQUIVALENT AS PER O.B.C.

9.23.16, BETWEEN BIGID INSULATION AND WOOD STUD.

REPLACE R14 (SES 246) INSULATION WITH R14 (SES 246) ABSORPTIVE
INSULATING MATERIAL WITH A MASS OF AT ILEAST 2.8 kg/sg.m.

REPLACE R14 (2.27mm) (FTF 4.27mm) AND STORE AT ILEAST 2.8 kg/sg.m.

### 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-COMBISTANCE SIDING OR STUCCO AS PER ELEVATIONS (REFER TO MANUFACTURER'S SPECIFICATIONS).
OR
-VINYL SIDING IS PERMITTED PER O.B.C. 9.10.1.5.5.[3]. OVER SHEATHING PAPER
OVER 1/2" (12.7mm) GYPSUM EXTERIOR SHEATHING ON EXTERIOR SIDE OF RIGID INSULATION.

(\$5) PRAME WALL CONSTRUCTION @ GARAGE
O.B.C. 9.23.
SDING OR STUCCO AS PER ELEVATIONS, MIN. 7 7/8" [200mm] FROM
RINSHED GRADE (O.B.C. 9.28.1.4.8.927.]
-WALL SHEATHING MEMBERANE AS PER O.B.C. 9.27.3.2.
-1/# (6mm) PLYWOOD [DITERIOR TYPE] OR EQUIVALENT AS PER O.B.C.
9.23.1.6.

9.23.16.
-7X 4" (Bibrunx 89mm) WOOD STUDS © 16" (400mm) O.C.
-1/X" (127mm) GYPSUM BOAKD
NOTE- SUPPORT FOR 2 + 3 FLOORS ABOVE - O.B.C. 1,9.23.10.1. ≈
-FOR 2 FLOORS SUPPORTED ABOVE \_ 2" X ≠ (Bibrunx 89mm) STUDS ARE
REQUIRED TO BE SPACED & 12" (200mm) O.C.
-FOR 3 FLOORS SUPPORTED ABOVE \_ 2" X ≈ (Bibrunx 140mm) STUDS ARE
REQUIRED TO BE SPACED & 12" (200mm) O.C.

REQ. FOR FIRE RATING (LESS THAN 4-0" LIMITING DISTANCE):
O.B.C. 30-3 WALL - EWID (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°O" LIMITING DISTANCE AND ADD/REPLACE THE FOLLOWING: -NON-COMBUSTABLE 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.

(16) BRICK VENEER CONSTRUCTION:
O.B.C. 9.23.
-3-1/2" (90mm) FACE BRICK OR 4" (100mm) STONE @ 36'-1" (11m) MAX.
HEGHT

HEICHT -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 5.7/8" (150mm) BEHIND WALL SHEATHING MEMBRANE (O.B.C. 9.20.13.6.(2) ) -BRICK OR STONE SILLS UNDER OPENINGS, FLASHING UNDER

BRILLY ON A SIGNE SIZED VIOLEN OF CHINNOS, FLOSHING ON LEK 1" [25mm] AIR SPACE WALL SHEATHING MEMBRANE AS PER O.B.C. 9.27.3.2. 1,44" [6mm] PLYWOOD [EXTERIOR TYPE] OR EQUIVALENT AS PER O.B.C. 2.23.16

-CONTINUOUS AIR/VAPOUR BARRIEK IN COAD STANDARD STANDARD

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

O.B.C. SB-3 WALL = EWID (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
-REPLACE R22 (RSI 3.87) INSULATION WITH R22 (RSI 3.87) ABSORPTIVE
-REPLACE 1/27(12.7mm) GYPSUM BD. W/ 1/2" (12.7mm) TYPE "X" GYPSUM BD.

# 160 ALTERNATE BRICK VENEER CONSTRUCTION:

O.B.C. 9.23. -3-1/2" (90mm) FACE BRICK OR 4" (100mm) STONE @ 36'-1" (11m) MAX.

-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

-PROVIDE WEEP HOLES @ 2-7" (800mm)O.C. @ BTM. COURSE & OVER OPENINGS

-BASE FLASHING UP 10 5 7/8" (150mm) BEHIND WALL SHEATHING MEMBRANE (D.B.C. 20.13.4(2)) (D.B.C. 20.13.4(2)) SUBJECT OF THE STATE OF THE

7-27.3-3, "2" X = (38mmX 89mm) WOOD STUDS ® 16" (400mm) O.C. © 12" (300mm)
O.C. ON BOTTOM FLR. WHEN 3 STOREYS
-BRACE W/ CONT. 16 GAUGE STELT TB BRACES KROM TOP PLATE TO BTM.
PLATE FOR THE FULL LENGTH OF WALL, OR NT. 2" X 4" (38mmX 89mm) SOUD WOOD BLOCKING @ APPROXIMATELY DEG. FROM TOP PLATE TO BTM. PLATE FOR FULL LENGTH OF WALL

RT4 (RSI 2.46) INSULATION CONTINUOUS AIR/VAPOUR BARRIER IN CONFORMANCE W/ O.B.C.- 9.25.3, &

Y-20-4.

"ACM" - 27mm1 GYPSIM BOABD

"ACM" - 34M - 34M

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

O.B.C. SB-3 WALL = EWI'D (STC = N/A, FIRE = 45 MIN)
FOR 45 MINUTE FIRE RATED WALL REQUIREMENTS SUBSTITUTE AND/OR ADD
THE FOLLOWING MATERIALS:
-ADD 1/4" (formit) PLYWOOD (EXTERIOR TYPE) OR EQUIVALENT AS PER O.B.C.
-23.16. BETWEEN RIGID INSULATION AND WOOD STUD.
-REPLACE R14 (RS) 2-46) INSULATION WITH R14 (RS) 2-46) IASDORFITVE
INSULATION CAMERIAL WITH A MASS OF AT ILSAT 2-88 (gf sq.m.
-REPLACE 1/2"(12.7mm) GYPSUM BD. W/ 1/2" (12.7mm) TYPE X" GYPSUM BD.

# 16b BRICK VENEER CONSTRUCTION @ GARAGE:

BBICK VENERY CURSING THE A CONTROL OF A CONT

VERTICAL SPACING -PROVIDE WEEP HOLES @ 2'-7" (800mm)O.C. @ BTM. COURSE & OVER

-PROVILE MEET HOLES 9 2-7 (BOMINITUDE, 9 BIN, COURSE & VOR OPENINGS -BASE FLASHING UP TO 5 7/8" (150mm) BEHIND WALL SHEATHING MEMBRANE (D.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" (5mm) PLYWOOD (EXTERIOR TYPE) OR EQUIVALENT AS PER O.B.C. 9.23.16

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 LID



Detached Garage ISSUED FOR CLIENT REVIEW 16-FEB-18 KK MSA 2 ISSUED FOR CLIENT REVIEW 28-FEB-18 MSA MSA

SMAR-18 MSA MSA

Steve & Tina Vocella

J REVISED AS PER HCD COMMENTS

RN design Imagine - Inspire - Create

VAUGHAN

**DETACHED GARAGE** 3/16" = 1'0" 18016

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

O.B.C. SB-3 WALL = EWI'D (STC = N/A, FIRE = 45 MIN) FOR 45 MINUTE FIRE ARTEO WALL REQUIREMENTS SUBSTITUTE AND/OR ADD THE FOLLOWING MATERIAS: -ADD R15 (RSI 2.64) ABSORPTIVE MATERIAL WITH A MASS OF AT LEAST 2.8 kg/

4.50 PM AUSORPHIVE MATERIAL WITH A MASS OF AT LEAST 2.8 kg/sq.m.
4EFFLACE I/Z(12.7mm) GYPSUM BD. W/ 1/Z' (12.7mm) TYPE 'X' GYPSUM BD.

17) ENTERIOR STUD WALLS:

O.B.C. T.9.23.10.1.

27. X ef (38mmX 89mm) WOOD STUDS ® 16" (400mm) O.C., OR
27. X of (38mmX 140mm) WOOD STUDS ® 16" (400mm) O.C., W/
-DOUBLE 27. X ef OR 27. X ef TOP PLATES AND SINGLE BOTTOM PLATE
-1/27 (127.mm) GYPSJUM BOANDS BOTH SIDES.

18 BEARING STUD WALL (BASEMENT):

PAST WALL BLOCK
 O.B.C.: SB-3: WALL = B64 (STC = 57, RRE = 2 HR)
 -MN. I HE RIFE-RESISTANCE RATING CONTINUOUS FROM TOP OF FOOTINGS TO THE US OF ROOF DECK.
 SPACE BETWEEN TOP OF WALL & ROOF DECK SHALL BE TICHTLY FILLED W/MINERAL WOOL OR NONCOMBUSTBLE MATERIAL & CAULKED TO PREVENT SMOKE PASSAGE

SMOKE PASSAGE -1/2" (12.7mm) GYPSUM BOARD W/TAPED JOINTS BOTH SIDES -2" X 2" (38mmX 38mm) WOOD STRAPPING @ 24" (600mm) O.C. BOTH

SIDES -ABSORPTIVE MATERIAL ON BOTH SIDES FILLING A MINIMUM OF 90% OF THE

CAVITY.
7 1/2T (190mm) HOLLOW BLOCK (NORMAL WEIGHT AGGREGATE)
-STAGGER JOISTS & BEAMS MIN. 3 1/2" (POmm) @ PARTY WALLS AS PER
-O.B.C. 9.10.9; (1)). I ARBE 2.1.1. IS-2.
-ACOUSTICAL SEALANT AS PER O.B.C. SB-3 (NOTE [2] TO TABLE 1)

ACOUSTICAL SEALANT AS PER O.B.C. SB-3. [NOTE [2] TO TABLE 1]

PARTY WALL -BLOCK (AGAINST GARAGE):

O.B.C. SB-3. WALL = BSC [SIC = 51, FREE = 2 HR]

-MIN. HER FIRE-RESSTANCE RATING CONTINUOUS
-I/P (12.7mm] GYPSUM BOARD
-CONTINUOUS ARRYAPOUR BARRER IN CONFORMANCE W/ O.B.C. - 9.25.3.

27 XF (SERIORIX HADRIN) WOOD STRAPPING @ 16" (400mm) O.C.
-R22 [RSI 3.52] RIGIO INSULATION
-7 I/P (190mm) HOLLOW BLOCK (NORMAL WEIGHT AGGREGATE)
-1/P (11.7mm) GYPSUM BOARD @ WALL & U/S OF CELING BETWEEN
HOUSE AND GARAGE
-TAPE AND SEAL ALL JOINTS GAS TIGHT

(99) FREWALL:

O.B.C. 9.10.11. & 3.1.10. & SB-3 WALL = B6e (STC = 57. FIRE = 2 HR)

O.B.C REEWALL IS REQUIRED FOR EVERY 4460 SF. (600 SQ.M) OF BUILDING AREA, O.B.C. 1.3.22.47,

-1/2" (12.7mm) GYPSUM BOARD W/ TAPED JOINTS

-2" X Z" (Simmrix 38mm) WOOD STRAPPING ® 24" (600mm) O.C. ON BOTH SIDES OF WALL

-COURDATION WALL TO REST ON FOOTING PER CREEKAL NOTE #2

PARTY WALL WOOD SID!

O.B.C. SB-3 WALL = WI3a (SIC = 57, FIRE = 1 HR)

O.B.C. SB-3 WALL = WI3a (SIC = 57, FIRE = 1 HR)

-MIN. HER RER-ERSISTANCE RATING CONTINUOUS FROM TOP OF FOOTINGS TO THE U/S OF ROOT DECK.

2 R CWS 274 (SBORMA 897mm) SIDDS @ 16\*(400mm) O.C. W/ SEPARATE

2 X 4\* (SBORMA 897mm) SID FLATES & SEPARATE DOUBLE 2\* X 4\*

(SBORMA 897mm) TOP FLATES

-SOUND ABSORTITIVE MATERIAL ON BOTH SIDES FILLING A MINIMUM OF 90% Of THE CAVITY.

-3/8\* [1 6mm) TYPE X CYPSUM BOARD BOTH SIDES W/ JOINTS TAPED B.

FILLIO.

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" (Sammat 89'mm) STUDS ARE

REQUIRED TO BE SPACED @ 12" (300'mm) O.C.

FOR 3 FLOORS SUPPORTED ABOVE . 2" X 6" (38'mmX 140'mm) STUDS ARE

REQUIRED TO BE SPACED @ 12" (300'mm) 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.

ON REMAINING FLOOKS AT THE STAIR OPENING AT 16" OZ.

GARAGE WALL & CELING:

O.S.C. 9.10.9.16.(3)

-1/2" (12.7mm) GYPSUM BOARD ON BOTH SIDES OF WALL & U/S OF CERING BETWEEN HOUSE AND GARAGE
-1APE AND SEAL ALL JOINTS GAS TICH!
-122. [18.3.37] INSULANDIN WILLS.
-123. [2.3.37] INSULANDIN WILLS.
-124. [2.3.37] INSULANDIN WILLS.
-125. [2.3.37] INSULANDIN BARBER IN CONFORMANCE W/ O.B.C.
-125. [2.3.37] INSULANDIN BARBER IN CONFORMANCE W/ O.B.C.
-125. [2.3.37] INSULANDIN BARBER IN CONFORMANCE W/ O.B.C.
-125. [2.3.37] INSULANDIN BARBER IN

220 WALLS ADJACENT TO ATTIC SPACE:

TIPE (12/mm) GYPSUM BOARD

1/2" (12/mm) GYPSUM BOARD OR 1/4" (4mm) PLYWOOD SHEATHING

ON ATTIC SIDE:

ATTIC ACCESS TO BE PROVIDED AS PER O.B.C. 9.19.2.1.

ATTIC: ACCESS TO BE PROVIDED AS PER O.B.C. 9,19.2.1.

20 DOISE VOULIME WALLS:

O.B.C. 9.23.10.1.

-3/8 P S-From! PLYWOOD, OSB OR WAIFRBOARD SHEATHING
-REFER TO PLAN FOR STUD SPECIFICATION
-STUD S-RASTENDED AT TOP B. B. DOTTOM WITH 3/3 -1/4" (82mm) TOE NAILS
-DOUBLE TOP FLATES FASTENED TOGETHER WITH 3" (76mm) AT
77/8" (200mm) O.C.

SOLID BEDICHING AT 3"-11" (1200mm) O.C.
-NINL R22 (828 3.39) "BIGUINTON (200 ST 12 T.3.1.1.2.A.)
-CONTINUOUS AIRVAROUR BARRIER IN CONFORMANCE WITH O.B.C.
9.253. 8, 92.55.

CLENT SPECIFIC REVISIONS

 ₹24
 - FLOOR AS PER NOTE # 28

 -CONTRUCIS AREVAPOUR BARRIER IN CONFORMANCE W/ O.B.C.- 9.25.3. & 9.25.4.

 -R31 (RS) 3-49) RSULATION

 -VSHED ALMINIMUM SOFHT

SUNKEN FINISHED AREAS:

JUSE SOLID BUILLUP WOOD BEARING POST TO SUPPORT SUNKEN AREA
AT FOUNDATION WALLS EXTEND FOOTINGS TO SUPPORT POSTS.

-WHERE GRADING CONDITIONS WILL ALLOW, CHECK FOUNDATION
WALLS INSTEAD OF USING BEARING POSTS.

-ROOR STRUCTURE AS PER NOTIE 9.

-FLOOR STRUCTURE AS FER NOTE #28.

225 DOUBLE MASONEY WITHEW WALL:

O.B.C. 9.20.8.2.

3 1 JCT MASONEY VENEER ON 2" MORTAR JOINT ON 3 1 JCT MASONEY VENEER

-WYTHES TO BE TIED W/ METAL TIES INSTALLED AS PER O.B.C. 9.20.9.4.

SILL PLATE REQUIRED FOR NOOF AND CRIMING FRAMING MEMBERS

4" SILL W/ 2" BEARING ON EACH SIDE & AND-CORE BOLTS 9" 4" OF C.C. NOTE: MASONRY TO BE SOUD & MORTAR JOINT FILLED SOUD FOR FLOOR JOISTS BEARING ON WYTHES. FLOOR JOISTS ARE NOT TO PROJECT INTO CAVITY AREA.

(250) 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.

O.B.C. 9.23.7.

-Z' X 4" (38mm X 89mm) PLAIE

-1/Z' [12/mm) PLAIE

-1/Z' [12/mm) PLAIE

PLAIE W, NUIS AND WASHES & SHALL SE EMBEDDED NOT LESS THAN 4"

(100mm) NIOT COUNDATION WASHES & SHALL SE EMBEDDED NOT LESS THAN 4"

(100mm) NIOT COUNDATION WASHES & SHALL SE EMBEDDED NOT LESS THAN 4"

SEL PLAIE TO BE CAULKED. OR PLACED ON A LAYER NOT LESS THAN 1"

(25mm) THACE BEORE COMPRESSING, OR FOAM GASKET, OR PLACED ON FULL BED OF MORTAR.

27) BRIDGING & STRAPPING: O.B.C. 9.23.9.4. a) STRAPPING

J STANDARD (1971) NAILED TO U/S OF JOISTS @ MAX, 6'-11" (2100mm) O.C. FASTENED TO SILL OR HEADER @ ENDS

-FASIENED ID SILL ON THE SEN T -1" X 3" (19mmX 64mm) OR 2" X 2" (38mmX 38mm) CROSS BRIDGING @ MAX, 6"11" (210mm) O.C., c) BRIDGING & STRAPPING -0) & DI USED TOCEHTER OR 11/2" (38mm) SOUD BLOCKING @ MAX, 6"11" (2100mm) O.C., USED WITH STRAPPING (0) d) FURRING OR PANEL TYPE CELLING STRAPPING OIL REQUIRED IF FURRING STRIPS OR PANEL TYPE CELLING FINISH IS ATTACHED DIRECTLY TO JOSTS.

28 FLOOR ASSEMBLY:

O.B.C. 9.23.14.3, 9.23.14.4 -5/8" (15.9mm) WAFERBOARD (R-1 GRADE) OR EQUIVALENT -FLOOR JOISTS AS PER FLOOR PLANS

#LOOR JOSTS AS TER FLOOR LEAD

PORCH SLAB:

O.B.C. 9.39.1.4.

41/8" (125mm) 4509 pil (32 MPa) CONC. SLAB WITH 5 TO 8% AIR ENTRAINMENT

#ERNOCKE WITH 10M BAKS 97 7/8" (200mm) EACH WAY

1. For the policy of the pilot of the SLAB

1. For the policy of the SLAB CONTOLOGY OF THE SLAB

1. For the policy of the SLAB CONTOLOGY OF THE SLAB

1. FOR (400mm) X 25 5/8" (400mm) AD OWNES 92 35.5% (400mm) O.C.

#FA COLD CELLAR IS LOCAIED BELOW THE SLAB, SUPPORT ON FOUNDATION

WALLS NOT TO EXCEED BELOW THE SLAB, SUPPORT ON FOUNDATION

STATEMENT OF THE SLAB SUPPORT ON FOUNDATION

WALLS NOT TO EXCEED BELOW THE SLAB, SUPPORT ON FOUNDATION

S WALLS NOT TO EXCEED 8-2"

WALLS NOT TO EXCEED 8-2"

WALLS NOT TO EXCEED 8-2"

1 1/4" X 3 1/2" PRESSURE TREATED DECSING W/ 1/4" SPACING

-2"A" WOOD PURLINS (CUI DIAGONALLY) @ 12" O.C. LAYING UNFASTENED

ON SINGLE PLY WAITERFROOF ROOF MEMBERANE OR EQUIVALENT ON 5/8"

(15.5 mm) EXTERIOR CRABP PLYWOOD DIVERNS

(CUI DIAGONALLY) @ 12" O.C. DIRECTLY ON 2"X8" ROOF JOISTS @ 12" O.C.

(CR AS NOTED ON PLAN)

- EXTERIOR GUARD AS FER #3.66

- SLOPE ASSEMBLY MAINMUM 25" TO ROOF SCUPPER

REQUIRED FOR OVER HEATED SPACES:

ADD 2"2" (38mm x 38mm) CROSS PURINS @ 16" (400mm) O.C. FOR

VENILATION OVER JOIST (ORC 9) 19.1.2. VENING OT LESS THAN 1/150 OF

CEILING AREA]

VENTILATION OVER JOSTS (JOB. 9.19.1.2, VENTING NOT LESS THAN 1/150 OF CEUING AREA).

-ADD RAI (RSI 5.46) INSULATION BETWEEN JOSTS.
-ADD CONTINUOUS AIR/VAPOUR BARRER IN CONFORMANCE W/ O.B.C. 9.25.3.

8.925.4.
-ADD 1/2" (12.7mm) GYPSUM BOARD W/ PAINTED CEILING OR
-ADD 5/8" (15.9mm) GYPSUM BOARD W/ TEXTURED CEILING (O.B.C.-1.9.29.5.3.)

\$\,\text{200}\$ \text{EXTERIOR FLAT ROOF ASSEMBLY.}

SINGLE RY WATERPROOF ROOF MEMBRANE OR EQUIVALENT INSTALLED FER MANUFACTURES SPECIFICATIONS.
-1/4 EXTERIOR GRADE WOOD PAREL TIPE UNDRELAY TAPERED PURLINS SLOPED MINI. 28 10 ROOF SCUPPER.
-3/6 EXTERIOR GRADE FLYWOOD SHEATHING ON -2786 ROOF JOSES IS 12" C.C.; [OR AS NOTED ON PLAN]

-2.78 NOUF JOISIS & 12"2 O.C., (OK AS NOTED ON TLAN)

REQUIRED POR OVER HEALTD SPACES;
-ADD 2"2"/\* (38mm x 38mm) CROSS PURLINS ® 1.6" (400mm) O.C., FOR

VENTILATION OVER JOSTS (OBC 9.19.1.2. VENTING NOT LESS THAN 1/150 OF

CELING AREA)

CELLING AREA)

-ADD R31 (RSI 5.46) INSULATION BETWEEN JOISTS
-ADD CONTINUOUS AIR/VAPOUR BARRER IN CONFORMANCE W/ O.B.C. 9.25.3.
& 9.25.4.

ADD 1/2" (12.7mm) GYPSUM BOARD W/ PAINTED CEILING OR ADD 5/8" (15.9mm) GYPSUM BOARD W/ TEXTURED CEILING (O.B.C. T.9.29.5.3.)

ROOF ASSEMBLIES

31 TYPICAL ROOF:

TYPICAL ROOE

O.B.C. 926.

NO. 210 (30. SKG/m²) ASPHALI SHINGIES

FOR ROOFS BEWEEN 4: 12.8. 8: 12 PITCH PROVIDE EAVES PROTECTION TO 
BITEND UP THE BOOF SLOPE MIN. 2-11 PROWING EAGE TO A LINE NOT 
LESS THAN 12 (SOMM PAST THE INSIDE FACE OF EXTERNIOR WALL. 
4-EAVES PROTECTION LAD BENGALH STARTER SITE?

EAVE PROTECTION OF REQUIRED OVER UNHEARED SPACES. 
5TARTER SITER AS FER O.B.C. 92-627.2.

5TARTER SITER TO REQUIRED AS FER O.B.C. 92-627.2.

5TARTER SITER TO REQUIRED AS FER O.B.C. 92-607.2.

APPROVED WOOD TREATMEN OR OOS (9) C2 GRADE) WITH "PT CLIPS 

APPROVED WOOD TRUSSES @ 24" (600mm) O.C. (REFER TO MANUFACTURERS 
LAYOUT)

LAYOUT)
-TRUSS BRACING AS PER TRUSS MANUFACTURER
-EAVESTROUGH ON PREFINISHED FASCIA AND VENTED SOFFIT (VINYL OR

ALUMINUM) -ATTIC VENTILATION 1:300 OF INSULATED CEILING AREA WITH, 50% AT SOFFIT.

32 CEILING:

3 REVISED AS PER HCD COMMENTS

-R60 (RSI 10.56) INSULATION -CONTINUOUS AIR/VAPOUR BARRIER IN CONFORMANCE W/ O.B.C. 9.25.3.

1/2" (12.7mm) GYPSUM BOARD W/ PAINTED CEILING OR 5/6" (15.9mm) GYPSUM BOARD W/ TEXTURED CEILING (O.B.C. T.9.29.5.3.) 320 VAULTED OR CATHEDRAL CEILING:

O.B.C., 92.6. & TABLE AND
O.B.C., 92.6. & TABLE AND
O.B.C., 92.6. & TABLE AND
AND. 210 (30. SKG/m2) ASPHALT SHINGLES
-FOR ROOFS BEWERN 41:2 & 8:12 PITICH PROVIDE EAVES PROTECTION TO
EXTEND UP THE ROOF SLOPE MINL 2-11 "FOODrmn) FROM EDGE TO A UNE NOT
LESS THAN 12 "JOS0mm" PAST THE INSIDEFACE OF DETERROR WALL
-EAVES PROTECTION LAD BENEATH STARTER STRIP.
-EAVE PROTECTION NOT REQUIRED OVER UNHEATED SPACES OR WHERE
ROOF SLOPES ARE 81:2 OF GREATER PER O.B.C., 926.5.1.
-STARKES SIRP AS PER O.B.C., 926.7.2.

-3/8" (10mm) PLYWOOD SHEATHING OR OSB (0-2 GRADE) WITH "H" CUPS.

-2'x8" (38mm x 184mm) @ 16" O.C. W/ 2'x2" (38mm x 38mm) CROSS PURLINS @ 24" O.C. MAX. SPAN 13'-3" (4050mm) OR

(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"

-2".X 6 (Johnson - Parins) COLLAR TES AT MIDSPANS -2"X4" (Sørren X 89mm) COLLAR TES AT MIDSPANS -CELING-JOSIS TO BE 2"X 6" (SørrenX 140mm) @ 16" (400mm) O.C. UNESS OTHERWISE NOTED: -4"PR X VALLET RAFTERS TO BE MIN. 2" (50mm) LARGER THAN COMMON RAFTERS & MIN. 1 1/2" (38mm) THICK.

(34) ATTIC ACCESS HATCH:

OBC 9,19.2.1, & SB-12.3.1.1.8.[1]

-19.3(4" X27 1/2" (SOMOTH) ATTIC HATCH WITH

WEATHERSTRIPPING & BACKED W/ R20 (RSI 3.52) INSULATION.

35 PRIVATE STAIRS:

O.B.C. 9.8.4. -MAX. RISE -MIN. RUN -MIN. TREAD = 7-7/8" = 8-1/4" = 9-1/4" (200mm) (210mm) (235mm) -MAX. NOSING = 1"
-MIN. HEADROOM = 6'-5"
-MIN. WIDTH = 2'-10"
(BETWEEN WALL FACES)

(BETWEEN WALL PAGES)

-MIN. WIDTH = 2'-11" (S

(EXIT STAIRS, BETWEEN GUARDS)

ANGLED TREADS:

-MIN. RUN = 5.7/8" (S (900mm)

ANGLED TREADS: —5 7/8" (150mm)
-MIN. AVG. RUN — 7 7/8" (200mm)
-MIN. AVG. RUN — 7 7/8" (200mm)
-MIN. AVG. RUN — 7 7/8" (200mm)
-RINSHED RAJUING ON WOOD PICKETS MAX. 4" BETWEEN PICKETS
-EXTERIOR CONC. STEPS TO HAVE MIN. 9 1/4" (235mm) TREAD &
MX. 7 7/8" (200mm) RISE

FOUND. WALL REQUIRED WHEN NUMBER OF RISERS EXCEEDS 2
-FTG. FOR FOUND. WALL TO BE MIN. 4'-0" (1220mm) BELOW GRADE

HANDRAILS:
O.B.C., 9.8.7
ONE HANDRAIL REQUIRED WHERE STAIR WIDTH IS LESS THAN 3-7" (1100m-1970 HANDRAILS REQUIRED WHERE STAIR WIDTH SCLEEDS 3-7" (1 100m-1970 HANDRAILS REQUIRED WHERE STAIR WIDTH SCLEEDS 3-7" (1 100m-1970 HANDRAILS REQUIRED OF LOWER DESTAIRS OF ARM WIDTH WHITHIN DWELLING UNITS
-HANDRAILS ARE TO BE CONTINUOUS EXCEPT WHERE INTERRUPTED BY DOOR WAYS, LANDINGS OR POSTS AT CHANGES IN DIRECTION

HEICHT:

OB.C. 9.8.7.4

-2-10" (865mm) MIN. TO 3'-2" (965mm) MAX.
-3'-6" (1070mm) WHERE GUARDS ARE REQUIRED ON LANDINGS
-MESSURED VERTICALLY FROM THE TOP OF THE HANDRAIL TO A
STRAIGHT LINE DRAWN FROM THE TANGENT TO THE TREAD NOSING

PROJECTIONS:

O.B.C., 9.8.7.6

-HANDRAIS AND PROJECTIONS BELOW HANDRAILS INCLUDING STEP
STRINGERS TO PROJECT A MAXIMUM OF 4" (100mm) INTO THE REQUIRED
WIDTH OF THE STAR

350 PUBLIC STAIRS:

O.B.C. 9.8.4. -MAX. RISE = 7-3/32" -Mun. Run -Min. Tread -Max. Nosing -Min. Headroom -Min. Width (280mm) (280mm)

-M.N. HEADROOM = 6-5° (2005mm)
-M.N. WIDH (EMIT STARES, BE"VELLY (POOMM)
(EMIT STARES, BE"VELLY GUARDS)
-FRISHED RAJINGS ON WOOD PRICKETS MAX. 4" BETWEEN PICKETS
-FOUND. WALL REQUIRED WHEN NUMBER OF RISERS EXCEEDS 2
-FG, FOR FOUND. WALL TO BE WINK. 4" OF (1205mm) BELOW GRADE

HANDRAILS:

UANDRAILS:

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)

-TWO HANDRAILS ARE REQUIRED ON CURYED STAIRS OF ANY WIDTH

-HANDRAILS RET OR E CONTINUOUS INCLUIDING AT LIANDRAIS EXCEPT

WHERE RITERRUPTED BY DOOR WAYS OR NEWEL POSTS AT CHANGES IN

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)
-MEASURED VERTICALLY FROM THE TOP OF THE HANDRAIL TO A
STRAIGHT LINE DRAWN FROM THE TANGENT TO THE TREAD NOSING

PROJECTIONS: O.B.C. 9.8.7.6

O.B.C. 9.8.7.6

- Handrails and Projections below Handrails including step Sikingers 10 Project A Maximum of 4" (100mm) into the requir Width of the Stair

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

FINSH:

OB.C. 9.8.9.6

-TREADS ARE TO BE WEAR AND SUP RESISTANT, SMOOTH, EVEN AND FREE FROM DEFECTS PER OBC 9.8.9.6.(4)

-STANES AND RAMPS SHALL HAVE A COLOUR CONTRAST OR DISTINCTIVE VISUAL PATTERN TO DEMARCATE THE LEADING EDGE OF THE TREADS, LAMING AND THE RECEINING AND FIND OF A PAMP

(36) INTERIOR GUARDS:

O.B.C. SS-7 & 9.8.8.3.

-GUARDS TO BE 3-6" (1070mm) HIGH

-FOR DWIELING UNITS GUARDS TO BE A MIN. OF Z-11" (900mm) HIGH

-RICLIDES WINDOWS OVER TAIRS, RAMPS AND LANDINGS PICKETS TO HAVE 4" (100mm) MAX. SPACING GUARDS FOR FLIGHTS OF STEPS (EXCEPT EXIT STAIRS) TO BE 2-11" (900mm) HIGH

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(360) EXTERIOR GUARDS:
O.B.C. SB-7 & 9.8.8.3.
-GUARDS ARE REQUIRED WHEN WALKING SURFACE TO GRADE IS GREATER THAN

-GUARDS ARE REQUIRED WHEN WALKING SHOP AND A STATE OF A

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DECLARE THAT I HAVE REVIEWS
DESIGN RESPONSIBILITY FOR THE DESIGN
OF IND BUILDING
REGISTER Steve & Tina Vocella PRELIMINARY-NOT FOR CONSTRUCTION

Detached Garage ISSUED FOR CLIENT REVIEW 16-FEB-18 KK MSA 2 ISSUED FOR CLIENT REVIEW 28-FEB-18 MSA MSA

SMAR-18 MSA MSA



DETACHED GARAGE 3/16" = 1'0" 18016

## 36b EXTERIOR GUARDS @ JULIET BALCONY:

PERIOD VARIAGE & JURIE BALCONY:
- PER CALING SYANING ANAMOUND OF GT.
- PROVIDE PREFIN. METAL RAILING W/ Term VERTICAL OPENING TO
CONFORM WITH D. G.C. APPEDIOX A-98.85.
- GUARDS TO BE 3-6" [1070mm]
- FOR DWELLING UNIS GUARDS TO BE Z-11" [900mm] AS PER O.B.C.
GRADE DIFFERENCE B LESS THAN 5'-11" [1800mm] AS PER O.B.C.
9.8.8.2. OR

9.8.8.2. OR

-FOR DWELLING UNITS GUARDS TO BE 3'-6' WHERE FLOOR TO

GRADE DIFFERENCE B'S -11' (1800mm) OR GREATER AS PER O.B.C. 9.8.8.2.

-VERICAL, END ARLING ANCHORED TO CORNER DOUBLE STUDIS USING 3

ROWS OF 3/8"0' MIN. ANCHOR BOLTS EQUALLY SPACED WITH 3' MIN.

-PROVIDE SAME ANCHOR BOLTS @ 36" O.C. FOR BASE PLATE CONNECTION.

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

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.

-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)

- Z RESES MAXIMUM PERMITTED TO BE LAID ON GROUND
- SMOKE ALARM, O.B.C. - 9,10.19
- PROVIDE I ON EACH FLOOR INCLUDING BASEMENTS
- PROVIDE I ON EACH FLOOR INCLUDING BASEMENTS
- PROVIDE I IN TACH HEADENOM
- PROVIDE I IN TACH HEALIWAY SERVICING BEDROOMS
- PROVIDE I IN TACH HALLIWAY SERVICING BEDROOMS
- INSTALLED AT OR IRAC CELIUM
- ALARMAS TO BE CONNECTED IN CIRCUIT AND INTERCONNECTED SO ALL
ALARMAS MUSI BE ACTIVATED F ANY ONE OF THEM SOUNDS AND HAVE A
VISUAL SIGNALLING COMPONENT
- LAARMA MUSIE THAT PROVIDED AND HAVE AN ALTERNATE POWER SOURCE
THAT CAN POWER ALARMA FOR 7 DAYS, FOLLOWED BY 4 MINUTES OF ALARM

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.
-CMA TO BE WIRED IN CIRCUIT TO SOUND SMOKE ALARMS WHEN
ACTIVATED.

MAIN DOOR TO BE OPERABLE FROM INSIDE W/OUT KEY
 PROVIDE A VIEWER WITH A VIEWING ANGLE OF NOT LESS THAN 1 60 DEG.
 UNLESS GLAZING B PROVIDED IN DOOR OR A SIDELIGHT IS PRESENT.
 RE4 (RSI 0.70) WHERE A STORM DOOR IS NOT PROVIDED

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

TRAVEL FROM A FLOOR LEVEL TO AN EXIT OR EGRESS DOOR SHALL BE LIMITED TO ONE RICORE SCLEPT:

1) WHERE THAT FLOOR LEVEL HAS A CCESS TO A BALCONY OR

2) WHERE THAT FLOOR LEVEL HAS A WINDOW PROVIDING AN UNOBSTRUCTED OPENING OF NOT LESS THAN 3'-3"; FLOORING IN HEIGHT AND 21 59"; (Spormer) IN WOIRE SUCH WINDOW SHALL BE LOCATED SO THAT THE STEEL BOT MORE THAN 3"-3"; FLOORING AND 22"-0"; (7.0m) ABOVE ADJACENT GROUND LEVEL.

## 49 EXTERIOR COLUMN W/ MASONRY PIER:

-MIN. 6"X6" [140mm X 140mm) WOOD FOST ANCHORED TO PORCH SLAB W/ METAL SADDLE. -TOP PORTION OF POST CLAD W/ DECOR, SURROUND PER ELEVATION

DEMANNINGS.

1-4 X 1 of MASONRY VENEER SURROUND W/ PRECAST CONCRETE CAP.

-REFER TO ELEVATION DEAVINGS FOR HEIGHT OF CAP.

-SURROUND TO BE TIED W/ METAL ITES @ 16" (400mm) O.C. VERT. INSTALLED

-PER O.B.C. 9,20,9.4.

-3/4" AIR SPACE AROUND POST.

"3/4" AIR STANLE ANOUNDER STAIL
OR
ANN 6 356" (140mm X 140mm) WOOD FOST CLAD W/ DECOR, SURROUND
(PER ELEVAITON DRAWINGS) ANCHORED TO CONC. CAP W/ METAL SADDLE.
-1-4" X 1-4" MASONRY PER TO BE CONSTRUCTED SOUID W/ PRECAST

# 490 EXTERIOR COLUMN:

-MIN. 6%6" [140mm X 140mm) WOOD FOST CLAD W/ DECOR. SURROUND (PER ELEVATION DEAVINGS) ANCHORED TO FORCH SLAB W/ MERLA 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 -2'-8" X 6'-8" EXTERIOR TYPE DOOR (MIN.R'-4 RSI 0.7) INSULATE FULL HEIGHT OF INTERIOR BASEMENT WALL W/ MIN. R12 (RSI 2.11)

(51) STUD WALL REINFORCEMENT:
O.B.C. 9.5.2.3.

-WALL STUDS ADJACENT TO WATER CLOSETS & SHOWER BATH TUBS IN MAIN BATHROOM ASE TO BE REINFORCED TO PERMIT THE FUTURE INSTALLATION OF GRAB BARS AS PER O.B.C. 3.8.3.8.(3)(a)&(c) & 3.8.3.1.3.(2)(f) & 2.9.2.1.3.(4)(c)

3.8.3.13.(4)(c) -GRAB BARS TO BE INSTALLED AS PER O.B.C. 9.8.7.7.(2)

52) ELECTRICAL VEHICLE CHARGING REQUIREMENTS:
- REFER TO OBC 9.34.4.1. FOR REQUIRMENTS (EFFECTIVE JANUARY 2018)

53 WINDOW GUARDS:

minuow GUARDS:

⊕ \$74RS, LANDINGS & RAMPS - OBC 9.8.8.1.(8)

⊕ \$70RS - OBC 9.8.8.1.(6)

⊕ \$70ORS - OBC 9.8.8.1.(6)

⊕ \$70ORS - OBC 9.8.8.1.(6)

HONOWS ELSE HAN 1-7\* (ROTINI) 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)

### FRAME CONSTRUCTION:

ALL FRAMING LUMBER TO BE No.1 AND No. 2 SPF UNLESS NOTED

ROOF LOADING IS BASED ON 1.5kPa SPECIFIED COMPOSITE SNOW AND

ROUN LOADS.

RIAN LOADS.

-DORTS TO HAVE MIN. 1-1/2" (38mm) FND REARING.
-BEAMS TO HAVE MIN. 3-1/2" (89mm) END BEARING.
-DOUBLE STUDS @ OPENINGS.

-BEAMS TO HAVE MIN. 3-1/2 (DYTHIN) ERU DECARING DOUBLE STUDS © OPENINGS -DOUBLE HEADER JOISTS AROUND FLOOR OPENINGS WHEN THEY ARE BETWEEN 3-17 (1200mm) AND 10-6" (3200mm) -DOUBLE TRIMMER JOISTS WHEN HEADER JOIST LENGTH IS BETWEEN 2-7"

-DOUBLE INIMMER JOSTS WHEN REJULER JOST LEIN-GHT IS BETWEEN 2-7-(BODTIM) AND 2-7- (BODDIM) OF THE JOST SON STATE AND AND AND SEARING -DOUBLE JOSTS OR SOLID BLOCKING UNDER NON-LOAD BEARING -BEAMS TO BE FLACED UNDER LOADBEARING WALLS WHEN WALLS ARE -PARALLEL TO FLOOR JOSTS

PARALLE TO FLOCE JOSISS BEANS MAY BE A MAX. 24" (800mm) FROM LOADBEARING WALLS WHEN WALLS ARE PERFENDICULAR TO FLOCE JOSIS A-PROVED BEALT HANDERS TO BE USED FOR JOSIS AND BEAMS WHEN THEY FRAME INTO SIDES OF BEAMS, TRIMMERS AND HEADERS FLOCE JOSISS SUPPORTING ROOF LOADS SHALL NOT BE CANTILEYVERD MORE THAN 15 3/4" (400mm) BEYOND SUPPORTS FOR 2" X 8" (38mm X 184mm)

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.

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

I.A WIJINZX, OR
AN EPERCY RATING OF NOT LESS THAN 25 FOR WINDOWS
-BASSEMENT WINDOWS WITH LOAD BEARING STRUCTURAL FRAME SHALL
BE DOUBLE GLATED 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%

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# ♦ CLIENT SPECIFIC REVISIONS

**SCHEDULES** DOORS 46\47 B 815x2030x45 [2107x6787x1-3/47] B 815x2030x35 [2787x6787x1-3/87] C 760x2030x35 [2747x6787x1-3/87] D 710x2030x35 [2747x6787x1-3/87] E 460x2030x35 (1'6'x6'8'x1-3/8") F 610x2030x35 (2'0"x6'8"x1-3/8" G OVER SIZED EXTERIOR DOOR

STEEL BEAM

W 6 X 20 W 6 X 20 W 8 X 18 W 8 X 21 W 8 X 24

WD1 3/2" X 8" SPR WD2 4/2" X 8" SPR WD3 5/2" X 8" SPR WD4 3/2" X 10" SPR WD5 4/2" X 10" SPR WD6 5/2" X 10" SPR WD7 3/2" X 12" SPR WD8 4/2" X 12" SPR WD9 5/2" X 12" SPR

WOOD BEAMS CO BEAMS
WID10 2/13/4" X7 1/4" (2.0E) LVL
WD11 3/13/4" X7 1/4" (2.0E) LVL
WD11 3/13/4" X7 1/4" (2.0E) LVL
WD12 1/13/4" X9 1/2" (2.0E) LVL
WD12 2/13/4" X9 1/2" (2.0E) LVL
WD13 3/13/4" X9 1/2" (2.0E) LVL
WD14 A/13/4" X1 1/3" (2.0E) LVL
WD14 A/13/4" X1 1/3" (2.0E) LVL
WD15 3/13/4" X1 1/3" (2.0E) LVL
WD15 3/13/4" X1 1/3" (2.0E) LVL
WD15 2/13/4" X14" (2.0E) LVL
WD15 2/13/4" X14" (2.0E) LVL

LINTELS

#" X 3-1/2" X 1/#" 1

4-7/8" X 3-1/2" X 5/16" L

4-7/8" X 3-1/2" X 3/8" L

5 7/8" X 3-1/2" X 5/16" L

5-7/8" X 3-1/2" X 3/8" L 114 5-7/8" X 3-1/2" X 1, L15 5-7/8" X 4" X 1/2" L L16 7-1/8" X 4" X 3/8" L L17 7-1/8" X 4" X 1/2" L

SMOKE ALARM (44) WATERPROOF DUPLEX OUILET WENTS AND INTAKES # HOSE BIB (38) EXHAUST FAN

PLAN/ELEVATION LEGEND

COLD CELLAR VENT (50) STOVE VENT FIRE PLACE VENT DRYER VENT

DJ DOUBLE JOIST PT GT GIRDER TRUSS

AFF ABOVE FINISHED FLOOR BEAM BY FLOOR MANUF BBFM

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 (WALL MOUNTED) HYDRO METER

G GAS METER

DECLARE THAT I HAVE REVIE DESIGN RESPONSIBILITY FOR THE DESIGN OF RN DESIGN LTD, UNDER ON THE BUILDING

PRELIMINARY-NOT FOR CONSTRUCTION Steve & Tina Vocella

VAUGHAN

Detached Garage ISSUED FOR CLIENT REVIEW 16-FEB-18 KK MSA 2 ISSUED FOR CLIENT REVIEW 28-FEB-18 MSA MSA 3 REVISED AS PER HCD COMMENTS SMAR-18 MSA MSA



DETACHED GARAGE 3/16" = 1'0" 18016

