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ARCHITECTURAL REVIEW & APPROVAL

OCT 20 2015
John G. Williams Limited, Architect



OCT 19, 2015

REFER TO
PAGE 8 FOR
AREA CHART

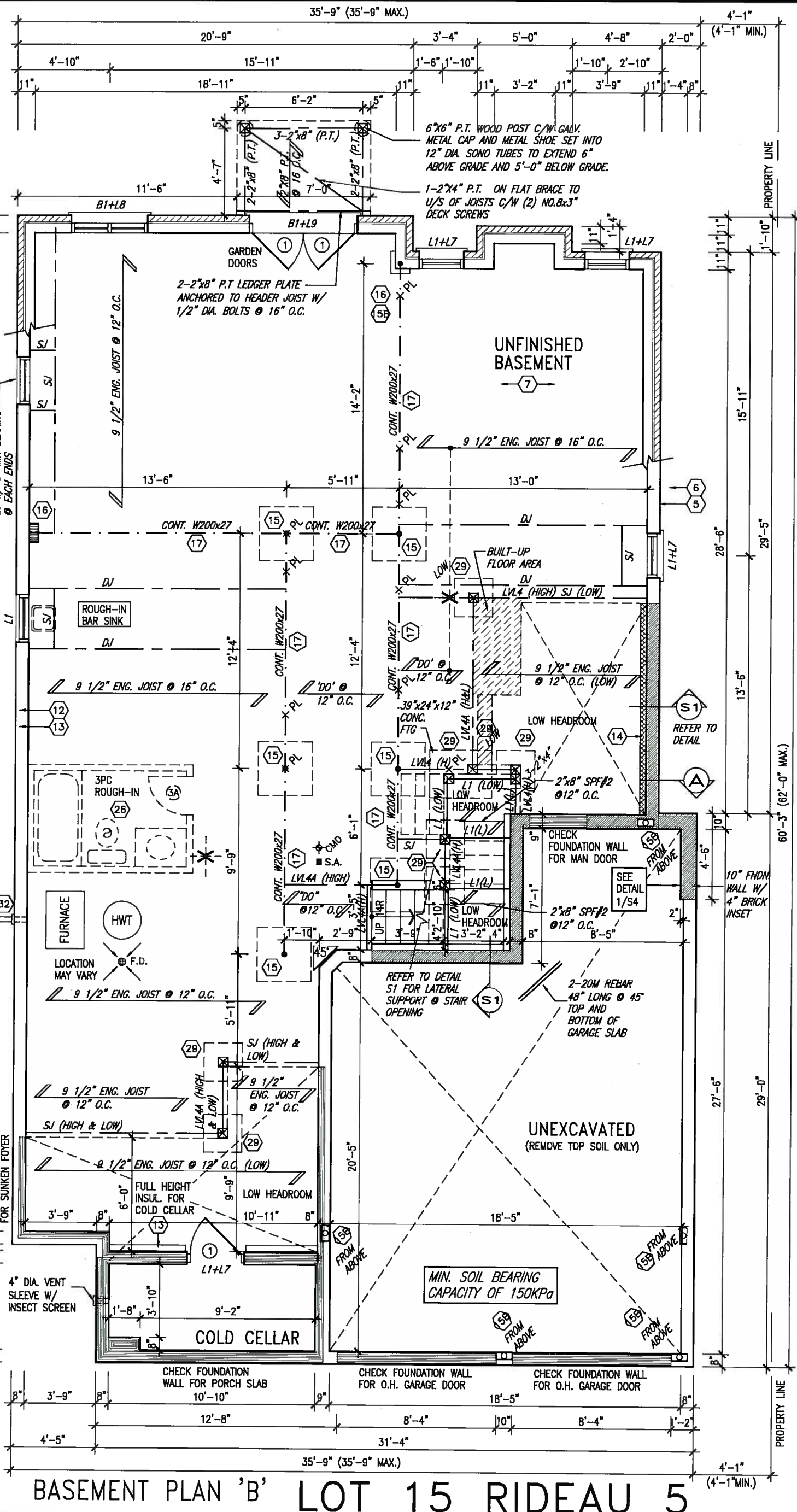
NOTE:
ALL LVL'S SUPPORTING
FLOOR LOADS ARE TO BE
SPECIFIED BY THE FLOOR
TRUSS MANUFACTURER.

NOTE J1: PROVIDE SOLID
BLOCKING @ 24" O.C.
WHERE FLOOR JOISTS ARE
PARALLEL TO FOUNDATION
WALL (TYP.)

NOTE:
FLOOR FRAMING INFO REFER
TO ENG SHOP DRAWINGS FOR
ALL TRUSS-JOIST
INFORMATION AND DETAILS.
UNLESS OTHERWISE NOTED.

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

LOT 15
RIDEAU 5



BASEMENT PLAN 'B' LOT 15 RIDEAU 5

no.	description	date	by
9			
8			
7			
6			
5	REVISED AS PER ENG COMMENTS	OCT 09-15	RC
4	REV. PER PURCHASER REQUEST FOR LOT 15	AUG. 10/15	WT
3	REVISED AS PER ENG'S COMMENTS	APR 30-15	RC
2	ADDED UPGRADED REAR ELEVATIONS	OCT. 01/14	GW
1	ISSUED FOR CLIENT REVIEW	SEPT '16/14	KL

The undersigned has reviewed and takes responsibility for this design and has the qualifications and meets the requirements set out in the Ontario Building Code to be a Designer.

Qualification Information
Willington Jno-Baptiste 25591
name
registration information
VA3 Design Inc. 42658

Contractor must verify all dimensions on the job and report any discrepancy to the Designer before proceeding with the work. All drawings and specifications are instruments of service and the property of the Designer which must be returned at the completion of the work. Drawings are not to be scaled.

**VA3
DESIGN**
300A Wilson Avenue
Toronto ON M3H 1S8
416.630.2255 / 416.630.4782
va3design.com

BAYVIEW WELLINGTON		S42-5 RIDEAU 5
project name GREEN VALLEY ESTATES	municipality BRADFORD	project no. 13045
date AUGUST 2014	checked by KL	scale 3/16" = 1'-0"
drawing no. 1		file name 13045-S42-5B-LOT 15

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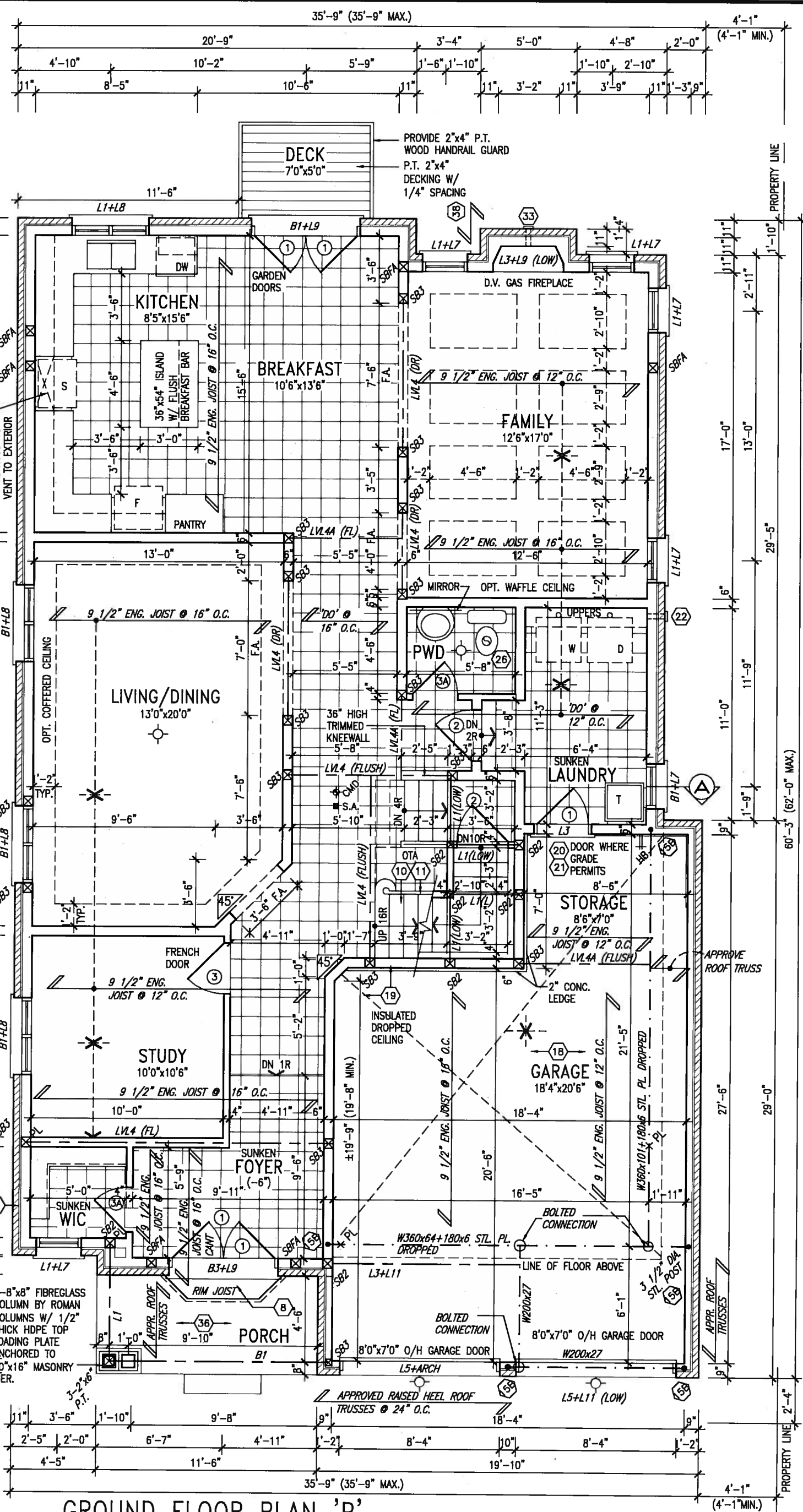
ROOF NOTE R1
2"x8" @ 16" O.C. P.T. W/
2"x4" @ 12" O.C. DIAGONALLY
CUT CROSS PURLINS W/ 5/8"
EXTERIOR GRADE SHEATHING W/
SINGLE PLY ROOF MEMBRANE

NOTE:
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LOADS ARE TO BE SPECIFIED
BY THE FLOOR TRUSS
MANUFACTURER.

NOTE:
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TRUSS-JOIST INFORMATION AND
DETAILS. UNLESS OTHERWISE
NOTED.

LOT 15
RIDEAU 5

GROUND FLOOR PLAN 'B'



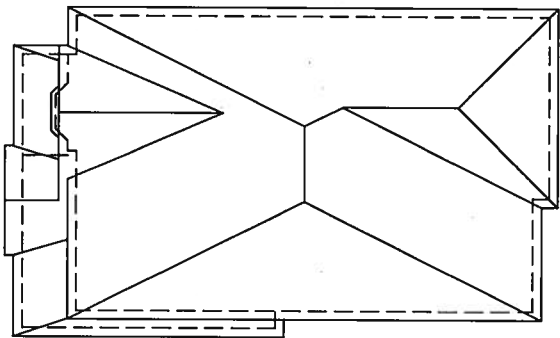
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va3design.com

BAYVIEW WELLINGTON		S42-5 RIDEAU 5	
project name GREEN VALLEY ESTATES	municipality BRADFORD	project no. 13045	
date AUGUST 2014	checked by KL	scale 3/16" = 1'-0"	file name 13045-S42-5B-LOT 15
drawing no. 2		drawing date 13045-S42-5B-LOT 15.dwg - Thu - Oct 15 2015 - 9:49 AM	

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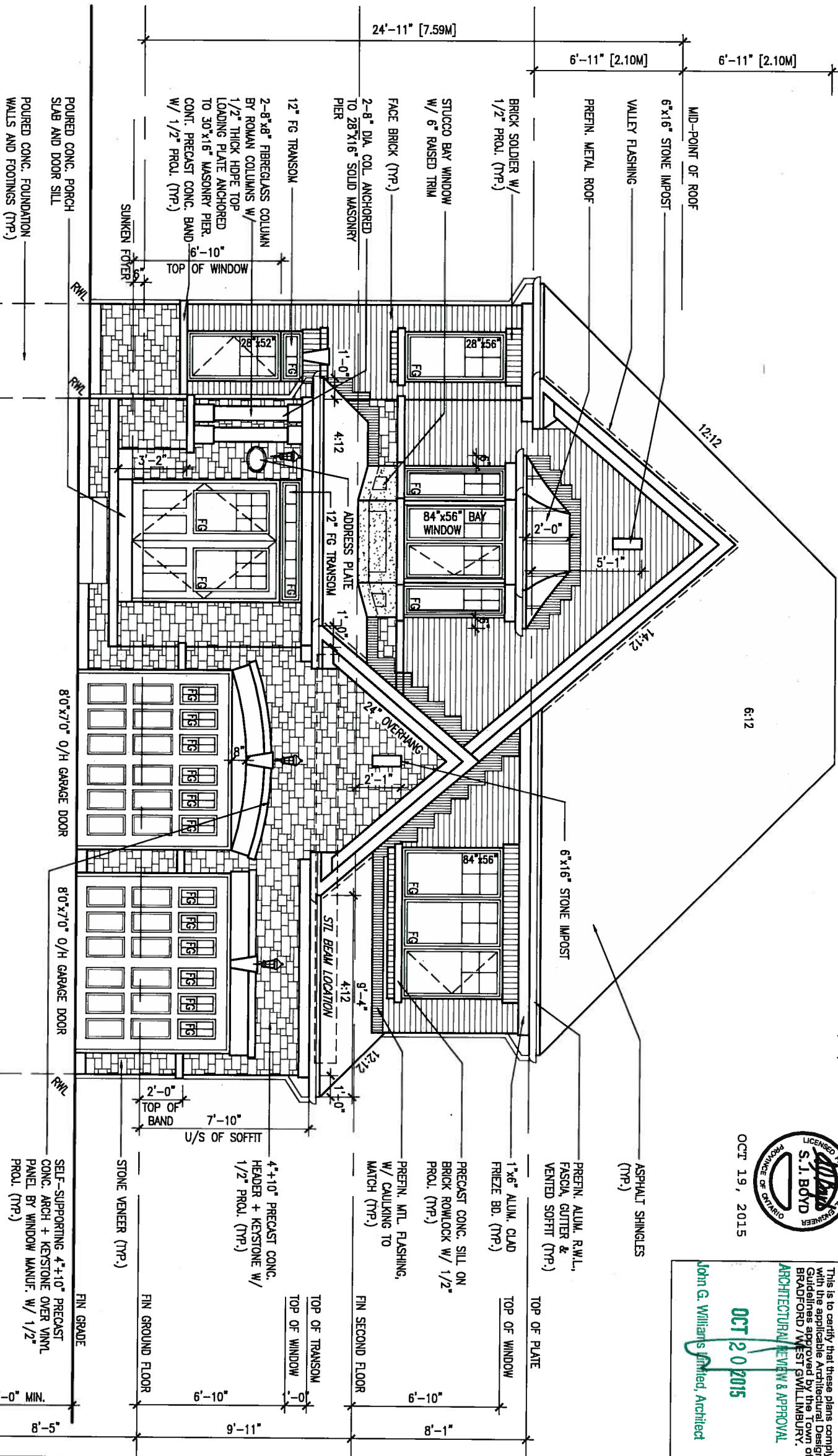


ROOF PLAN 'B'

UNINSULATED OPENINGS (PER OBC, SB-12.2.1.1.(7))	
S42-5 ELEVATION B LOT 15	ENERGY EFFICIENCY - OBC SB12
ELEVATION	WALL AREA S.F. OPENING S.F. PERCENTAGE
FRONT	706.00 S.F. 94.33 S.F. 13.36 %
LEFT SIDE	1188.00 S.F. 104.00 S.F. 8.75 %
RIGHT SIDE	1280.00 S.F. 71.22 S.F. 5.56 %
REAR	905.00 S.F. 230.44 S.F. 25.46 %
TOTAL SQ. FT.	4079.00 S.F. 499.99 S.F. 12.26 %
TOTAL SQ. M.	378.95 S.M. 46.45 S.M. 12.26 %

FRONT ELEVATION 'B'

LOT 15 RIDEAU 5



OCT 19, 2015



John G. Williams Limited, Architect

OCT 20 2015

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8	.	.	.	qualification information
7	.	.	.	Wellington Jno-Baptiste 25591 BCN
6	.	.	.	name registration information
5	REVISED AS PER ENG COMMENTS	OCT 09-15	RC	VA3 Design Inc. 42658
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BAYVIEW WELLINGTON	
project name	GREEN VALLEY ESTATES
drawn by	checked by
date	scale
AUGUST 2014	3/16" = 1'-0"
drawn by	checked by
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S42-5
RIDEAU 5

project no.
13045

FRONT ELEVATION 'B'

drawing no.
4

1'-0"

1'-0"-0"



OCT 19, 2015

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ARCHITECTURAL REVIEW & APPROVAL

OCT 30 2015

John G. Williams Limited, Architect

12:12

6:12

14:12

10:12

FACE BRICK (TYP.)

BRICK SOLDIER W/
1/2" PROL. (TYP.)

PRECAST CONC. SILL
(TYP.)

VINYL CLAD STRUCTURAL
SILL BASEMENT WINDOW
(TYP.)

30"x16"

30"x16"

WALL AREA
LIMITING DISTANCE
OPENING ALLOWED
OPENING PROVIDED

1187.97 SQ. FT.
1.2 M (7%)
83.15 SQ. FT.
66.68 SQ. FT. (GLASS AREA ONLY)

LEFT SIDE ELEVATION 'B'

LOT 15 RIDEAU 5

ASPHALT SHINGLES
(TYP.)

VALLEY FLASHING

1"x6" ALUM. CLAD
FRIEZE BD. (TYP.)

TOP OF PLATE

TOP OF WINDOW

STUCCO BAY WINDOW
W/ 6" RAISED TRIM

FIN SECOND FLOOR

TOP OF TRANSOM

TOP OF WINDOW

2-8"x8" FIBREGLASS
COLUMN BY ROMAN
COLUMNS W/ 1/2" THICK
HDPE TOP LOADING PLATE
ANCHORED TO 30"x16"
MASONRY PIER.

STONE VENEER (TYP.)

FIN GROUND FLOOR

POURED CONC. FOUNDATION
WALLS AND FOOTINGS (TYP.)

FIN GRADE

TOP OF SLAB

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7.	.	.	.	Wellington Jno-Baptiste	25591
6.	.	.	.	name	BCN
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BAYVIEW WELLINGTON

project name
GREEN VALLEY ESTATES

municipality
BRADFORD

S42-5

RIDEAU 5

project no.
13045

date
AUGUST 2014

drawn by
KL

checked by

scale
3/16" = 1'-0"

LEFT SIDE ELEVATION 'B'

file name
13045-S42-5B-LOT 15

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drawing no.
5

1'-0"

OCT 19, 2015

1'-0"



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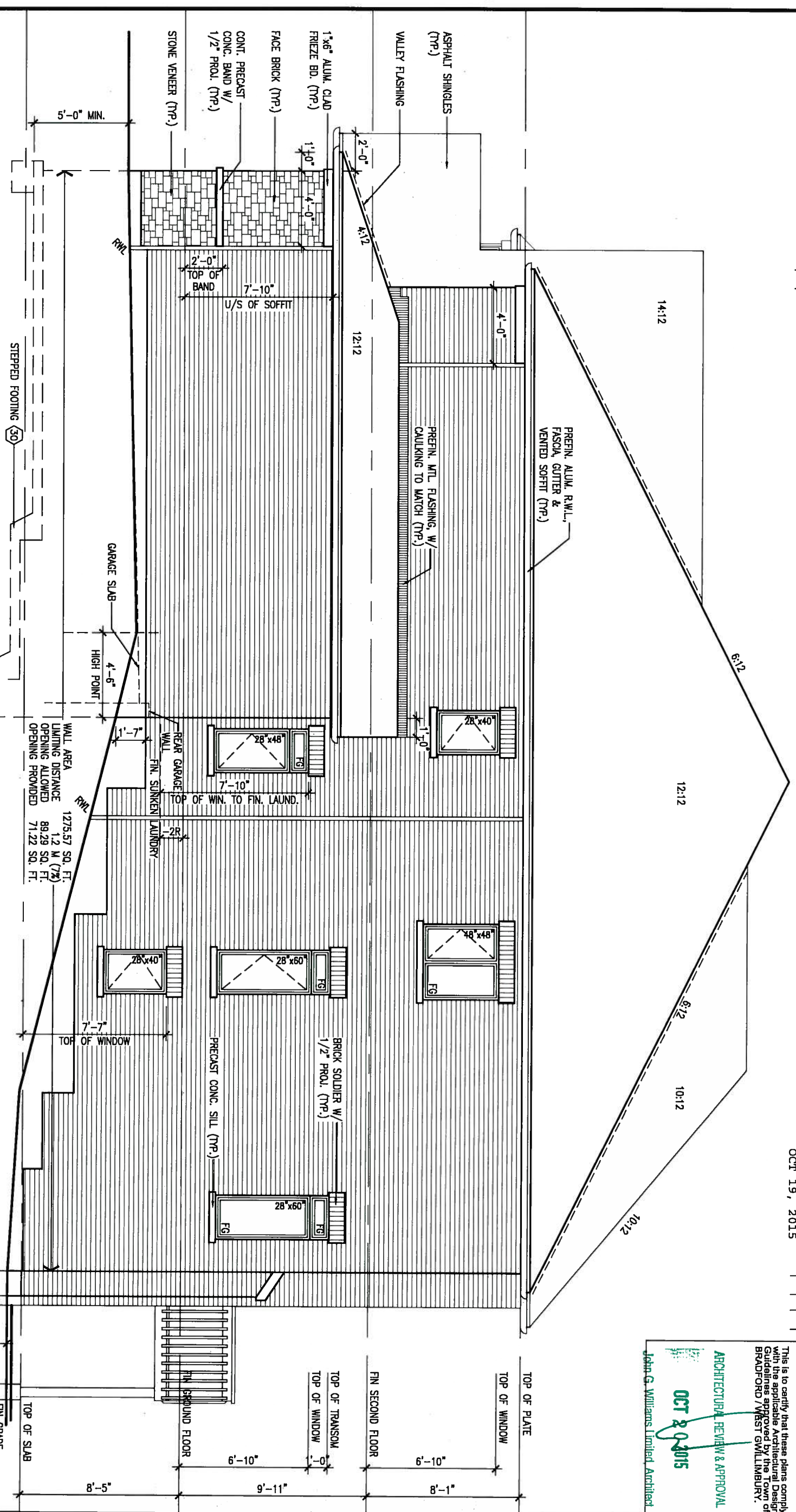
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RIGHT SIDE ELEVATION 'B'

LOT 15 RIDEAU 5



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date	AUGUST 2014	project no.	13045
drawn by	KL	checked by	scale
3/16" = 1'-0"		RIGHT SIDE ELEVATION 'B'	
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		drawing no.	6

1'-0" 1'-0" 1'-0"

1'-0"

1'-0"

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ASPHALT SHINGLES (TYP.)

VALLEY FLASHING

12:12

12:12

10:12

6:12

PRETN. ALUM. R.W.L.,
FASCIA, GUTTER &
VENTED SOFTI (TYP.)

BRICK SOLDIER W/
1/2" PROL. (TYP.)

PRECAST CONC. SILL (TYP.)

FACE BRICK (TYP.)

POURED CONC. FOUNDATION
WALLS AND FOOTINGS (TYP.)

FIN GRADE

TOP OF SLAB

TOP OF WINDOW

FIN GROUND FLOOR

TOP OF TRANSOM
TOP OF WINDOW

FIN SECOND FLOOR

TOP OF WINDOW
TOP OF PLATE

REAR ELEVATION 'B'

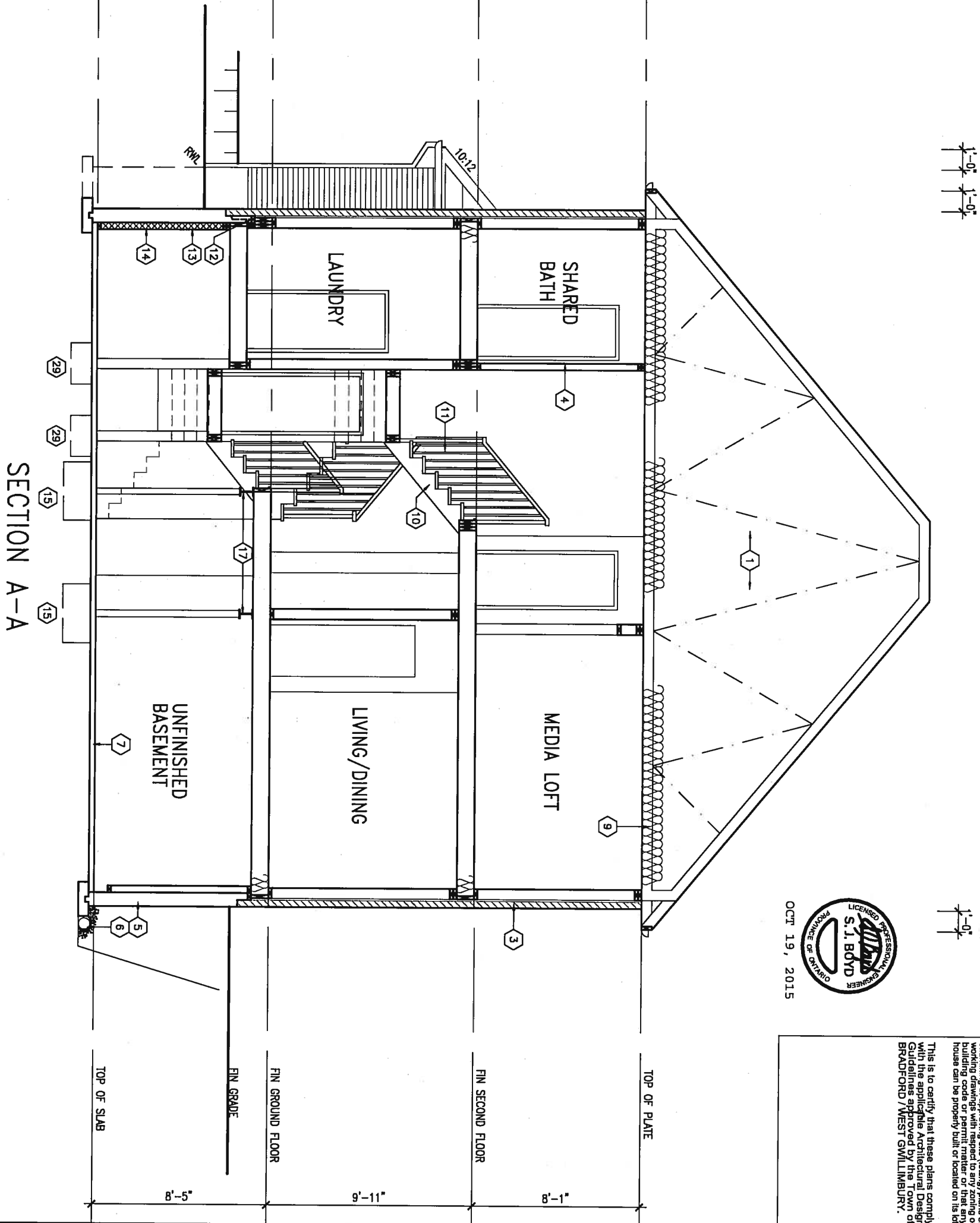
LOT 15 RIDEAU 5

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date	AUGUST 2014	project no.	13045
drawn by	KL	checked by	scale
3/16" = 1'-0"		REAR ELEVATION 'A', 'B' & 'C'	
13045-S42-5B-LOT 15		file name	
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			drawing no.
			7

AREA CALCULATIONS		ELEV. B
GROUND FLOOR AREA	1512 SF	
SECOND FLOOR AREA	1821 SF	
SUBTOTAL	3333 SF	
DEDUCT ALL OPEN AREAS	8 SF	
TOTAL NET AREA	3325 SF	
	(308.90 m ²)	
FINISHED BSMT AREA	XX SF	
COVERAGE	1988 SF	
W/OUT PORCH	(184.69 m ²)	
COVERAGE	2047 SF	
W/ PORCH	(190.17 m ²)	



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		file name	13045-S42-5B-LOT 15
		drawing no.	8

CONSTRUCTION NOTES (Unless otherwise noted)

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. 332/12-2012 OBC

1. ROOF CONSTRUCTION

NO.210 (10.25kg/m²) ASPHALT SHINGLES, 10mm (3/8") PLYWOOD 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 SLOPES 8:12 OR GREATER] 38x89 (2"x4") TRUSS BRACING @ 1830mm (6'-0") O.C. AT BOTTOM CHORD. PREFIN. ALUM. EAVESTROUGH, FASCIA, RWL & VENTED SOFFIT, PROVIDE ICE & WATER SHIELD TO ALL ROOF/WALL SURFACES SUSCEPTIBLE TO ICE DAMMING. ROOF SHEATHING TO BE FASTENED 150 (4") c/c ALONG EDGES & INTERMEDIATE SUPPORTS WHEN TRUSSES SPACED GREATER THAN 406 (16"). ATTIC VENTILATION 1:300 OF INSULATED CEILING AREA WITH MIN. 25% AT EAVES & MIN. 25% AT RIDGE (OBC 9.19.1.2.).

2. FRAME WALL CONSTRUCTION (2"x6") (SB-12-TABLE 2.1.1.2.A) SIDING AS PER ELEV., 19x38 (1"x2") VERTICAL WOOD FURRING, CONTIN. SHEATHING MEMBRANE, 9.5mm (3/8") EXT. TYPE SHEATHING, 38x140 (2"x6") STUDS @ 400mm (16") O.C., INSULATION AND APPR. VAPOUR BARRIER AND APPR. CONTIN. AIR BARRIER, 13mm (1/2") INT. DRYWALL FINISH, SIDING TO BE MIN. 200mm (8") ABOVE FINISH GRADE. REFER TO OBC SB-12, TABLE 2.1.1.2.A. FOR REQUIRED MINIMUM THERMAL INSULATION.

2A. FRAME WALL CONSTRUCTION (2"x8") (R2B) SIDING AS PER ELEV., 19x38 (1"x2") VERTICAL WOOD FURRING, CONTIN. SHEATHING MEMBRANE, 28mm (1 1/8") EXTERIOR STRUCTURAL INSULATED SHEATHING RSI 0.7 (R4) BY "B" OR EQUAL, 38x140 (2"x6") STUDS @ 400mm (16") O.C., CAULKING OR 25 (1") MIN. MINERAL WOOL BETWEEN PLATE AND TOP OF FDTN. WALL. USE NON-SHRINK GROUT TO LEVEL SILL PLATE WHEN REQUIRED.

2B. FRAME WALL CONSTRUCTION (2"x4") - GARAGE WALLS SIDING AS PER ELEV., 19x38 (1"x2") VERTICAL WOOD FURRING, CONTIN. SHEATHING MEMBRANE, 9.5mm (3/8") EXT. TYPE SHEATHING, 38x89 (2"x4") STUDS @ 400mm (16") O.C. (MAX. HEIGHT 3000mm (9'-10")), WITH APPR. DIAGONAL WALL BRACING. SIDING TO BE MIN. 200mm (8") ABOVE FINISH GRADE.

2C. RESERVED

2D. STUCCO WALL CONSTRUCTION (2"x4") - GARAGE WALLS STUCCO CLADDING SYSTEM CONFORMING TO O.B.C. 9.27.1.1.(2) & 9.28 THAT EMPLOY A MINIMUM 10mm AIR SPACE BEHIND THE CLADDING WITH POSITIVE DRAINAGE TO THE EXTERIOR AND APPLIED PER MANUFACTURERS SPECIFICATIONS OVER 25mm (1") MIN. EXPANDED OR EXTRUDED RIGID POLYSTYRENE ON APPROVED AIR/MOISTURE BARRIER ON 13mm (1/2") EXT. TYPE SHEATHING ON 38x89 (2"x4") STUDS @ 400 (16") O.C. STUCCO TO BE MIN. 200 (8") ABOVE FINISH GRADE.

2E. WALLS ADJACENT TO ATTIC SPACE - NO CLADDING 9.5mm (3/8") EXT. TYPE SHEATHING, 38x140 (2"x6") STUDS @ 400mm (16") O.C., INSULATION AND APPR. VAPOUR BARRIER AND APPR. CONTIN. AIR BARRIER, 13mm (1/2") INTERIOR DRYWALL FINISH. MID-HEIGHT BLOCKING REQ'D. IF NO SHEATHING APPLIED. REFER TO OBC SB-12, TABLE 2.1.1.2.A. FOR REQUIRED MINIMUM THERMAL INSULATION.

3. BRICK VENEER CONSTRUCTION (2"x8") (SB-12-TABLE 2.1.1.2.A) 90mm (4") FACE BRICK, 25mm (1") AIR SPACE, 22x180x76mm (7/8"x7"x0.03") GALV. METAL TIES @ 400mm (16") O.C. HORIZONTAL 600mm (24") O.C. VERTICAL. APPROVED SHEATHING PAPER, 9.5mm (3/8") EXT. TYPE SHEATHING, 38x140 (2"x6") STUDS @ 400mm (16") O.C., INSULATION & APPR. VAPOUR BARRIER WITH APPR. CONTIN. AIR BARRIER, 13mm (1/2") INTERIOR DRYWALL FINISH. PROVIDE WEEP HOLES @ 800mm (32") O.C. BOTTOM COURSE AND OVER OPENINGS. PROVIDE BASE FLASHING UP MIN. 150mm (6") BEHIND BUILDING PAPER. REFER TO OBC SB-12, TABLE 2.1.1.2.A. FOR REQUIRED MINIMUM THERMAL INSULATION.

3A. BRICK VENEER CONSTRUCTION (2"x8") (R2B) 90mm (4") FACE BRICK, 25mm (1") AIR SPACE, 22x180x76mm (7/8"x7"x0.03") GALV. METAL TIES @ 400mm (16") O.C. HORIZONTAL 600mm (24") O.C. VERTICAL. APPROVED SHEATHING PAPER, 9.5mm (3/8") EXT. TYPE SHEATHING, 38x140 (2"x6") STUDS @ 400mm (16") O.C., INSULATION & APPR. VAPOUR BARRIER WITH APPR. CONTIN. AIR BARRIER, 13mm (1/2") INTERIOR DRYWALL FINISH. PROVIDE WEEP HOLES @ 800mm (32") O.C. BOTTOM COURSE AND OVER OPENINGS. PROVIDE BASE FLASHING UP MIN. 150mm (6") BEHIND BUILDING PAPER. BRICK TO BE MIN. 150mm (6") ABOVE FINISH GRADE.

3B. BRICK VENEER CONSTRUCTION (2"x4") - GARAGE WALLS 90mm (4") FACE BRICK, 25mm (1") AIR SPACE, 22x180x76mm (7/8"x7"x0.03") GALV. METAL TIES @ 400mm (16") O.C. HORIZONTAL 600mm (24") O.C. VERTICAL. APPROVED SHEATHING PAPER, 9.5mm (3/8") EXT. TYPE SHEATHING, 38x89 (2"x4") STUDS @ 400mm (16") O.C. (MAX. HEIGHT 3000mm (9'-10")) WITH APPR. DIAGONAL WALL BRACING. PROVIDE WEEP HOLES @ 800mm (32") O.C. BOTTOM COURSE AND OVER OPENINGS. PROVIDE BASE FLASHING UP MIN. 150mm (6") BEHIND BUILDING PAPER. BRICK TO BE MIN. 150mm (6") ABOVE FINISH GRADE.

3C. STUCCO WALL CONSTRUCTION (2"x8") STUCCO CLADDING SYSTEM CONFORMING TO O.B.C. 9.27.1.1.(2) & 9.28 THAT EMPLOY A MINIMUM 10mm AIR SPACE BEHIND THE CLADDING WITH POSITIVE DRAINAGE TO THE EXTERIOR AND APPLIED PER MANUFACTURERS SPECIFICATIONS OVER 25mm (1") MIN. EXTRUDED OR EXPANDED RIGID POLYSTYRENE ON APPR. CONTIN. AIR/MOISTURE BARRIER ON 13mm (1/2") EXT. TYPE SHEATHING ON 38x140 (2"x6") STUDS @ 400mm (16") O.C., INSULATION, APPROVED VAPOUR BARRIER, 13mm (1/2") GYPSUM WALLBOARD INTERIOR FINISH. REFER TO OBC SB-12, TABLE 2.1.1.2.A. FOR REQUIRED MINIMUM THERMAL INSULATION.

4. INTERIOR STUD PARTITIONS FOR BEARING PARTITIONS 38x89 (2"x4") @ 400mm (16") O.C. FOR 2 STOREYS AND 300mm (12") O.C. FOR 3 STOREYS, NON-BEARING PARTITIONS 38x89 (2"x4") @ 600mm (24") O.C. PROVIDE 38x89 (2"x4") BOTTOM PLATE AND 2/38x89 (2"x4") TOP PLATE, 13mm (1/2") INT. DRYWALL BOTH SIDES OF STUDS, PROVIDE 38x140 (2"x6") STUDS/PLATES WHEN NOTED.

5. FOUNDATION WALL/FOOTINGS: (9.15.3, 9.15.4, 9.13.2, 9.14.2.1.(2)) 200mm (8") POURED CONC. FDTN. WALL 15MPa (2200psi) WITH BITUMINOUS DAMPROOFING AND DRAINAGE LAYER. DRAINAGE LAYER REQ'D. WHEN BASEMENT INSUL. EXTENDS 900 (2'-11") BELOW FIN. GRADE. DRAINAGE LAYER IS NOT REQ'D. WHEN FDTN. WALL IS WATERPROOFED. MAXIMUM POUR HEIGHT 2390 (7'-10") ON 500x155 (20"x6") CONTINUOUS KEYED CONC. FIG. BRACE FDTN. WALL PRIOR TO BACKFILLING. ALL FOOTINGS SHALL REST ON NATURAL UNDISTURBED SOIL OR COMPACTED ENGINEERED FILL. WITH MIN. BEARING CAPACITY OF 150kPa OR GREATER. IF SOIL BEARING DOES NOT MEET MINIMUM CAPACITY, ENGINEERED FOOTINGS ARE REQUIRED.

6. FOUNDATION DRAINAGE OBC 9.14.2 & 9.14.3 100mm (4") DIA. FOUNDATION DRAINAGE TILE 150mm (6") CRUSHED STONE OVER AND AROUND DRAINAGE TILES.

7. BASEMENT SLAB OBC 9.3.1.6.(1)(b), 9.16.4.5.(1), 9.25.3.3.(15) 80mm (3") MIN. 25MPa (3600psi) CONC. SLAB ON 100mm (4") COARSE GRANULAR FILL, OR 20MPa, (3000psi) CONC. WITH DAMPROOFING BELOW SLAB, UNDER SLAB INSULATION PER SB-12. ALL SLAB JOINTS & PENETRATIONS TO BE CAULKED.

8. EXPOSED FLOOR TO EXTERIOR (SB-12-TABLE 2.1.1.2.A) PROVIDE RSI 5.46 (R31) INSULATION, APPROVED VAPOUR BARRIER AND CONTINUOUS AIR BARRIER, FINISHED SOFFIT.

9. ATTIC INSULATION (SB-12-TABLE 2.1.1.2.A) (SB-12-2.1.1.7) RSI 8.81 (R50) BLOWN IN ROOF INSULATION AND APPROVED VAPOUR BARRIER, 16mm (5/8") INT. DRYWALL FINISH OR APPROVED EQUAL, RSI 3.52 (R20) MIN. ABOVE INNER SURFACE OF EXTERIOR WALL.

10. ALL STAIRS/EXTERIOR STAIRS - OBC 9.8.- UNIFORM RISE -5mm (1/4") MAX BETWEEN ADJACENT TREADS OR LANDINGS -10mm (1/2") MAX BETWEEN TALLEST & SHORTEST RISE IN FLIGHT = 200 (7'-7/8") MIN. RUN = 210 (8'-1/4") MIN. TREAD = 235 (9'-1/4") MAX. NOSING = 25 (1") MIN. HEADROOM = 1950 (6'-5") RAIL @ LANDING = 900 (2'-11") RAIL @ STAIR = 865 (2'-10") TO 965 (3'-2") MIN. STAIR WIDTH = 860 (2'-10") MIN. RUN = 150 (6") MIN. AVG. RUN = 200 (8") HANDRAILS - OBC 9.8.7.- FINISHED RAILING ON PICKETS SPACED MAXIMUM 100mm (4") BETWEEN PICKETS. CLEARANCE BETWEEN HANDRAIL AND SURFACE BEHIND IT TO BE 50 (2") MIN. HANDRAILS TO BE CONTINUOUS EXCEPT FOR NEWEL POST AT CHANGES OF DIRECTION.

11. INTERIOR GUARDS - OBC 9.8.8.- INTERIOR GUARDS: 900mm (2'-11") MIN. HIGH EXTERIOR GUARDS - OBC 9.8.8.- 900mm (36") HIGH GUARD WHERE DISTANCE FROM PORCH TO FIN. GRADE IS LESS THAN 1800mm (71"). 1070mm (42") HIGH GUARD IS REQUIRED WHERE DISTANCE EXCEEDS 1800mm (71").

12. SILL PLATE - OBC 9.23.7. 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. CAULKING OR 25 (1") MIN. MINERAL WOOL BETWEEN PLATE AND TOP OF FDTN. WALL. USE NON-SHRINK GROUT TO LEVEL SILL PLATE WHEN REQUIRED.

13. BASEMENT INSULATION (SB-12-2.1.1.6) 9.25.2.3, 9.13.2.6) FOUNDATION WALLS ENCLOSING HEATED SPACE SHALL BE INSULATED FROM THE UNDERSIDE OF THE SUBFLOOR TO NOT MORE THAN 200mm (8") ABOVE THE FINISHED FLOOR & NO CLOSER THAN 50mm (2") OF THE BASEMENT SLAB. INSULATION TO HAVE APPROVED VAPOUR BARRIER. DAMPROOF WITH BUILDING PAPER BETWEEN THE FOUNDATION WALL AND INSULATION UP TO GRADE LEVEL. NOTE: FULL HEIGHT INSULATION AT COLD CELLAR WALLS. REFER TO OBC SB-12, TABLE 2.1.1.2.A. FOR REQUIRED MINIMUM THERMAL INSULATION. AIR BARRIER TO BE SEALED TO FDTN. WALL WITH CAULKING.

14. BEARING STUD PARTITION 38x89 (2"x4") STUDS @ 400mm (16") O.C. 38x89 (2"x4") SILL PLATE ON DAMPROOFING 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.

15. STEEL BEARING COLUMN (SEE O.B.C. 9.15.3.3) 89mm (3-1/2") DIA. x 3.0mm (0.118) SINGLE WALL TUBE TYPE 2 ADJUSTABLE STL. COL. W/ MIN. CAPACITY OF 71.2KN (16,000lbs.) AT A MAX. EXTENSION OF 2318mm (7'-7 1/2") CONFORMING TO CAN/CSG-7.2.9.4. AND WITH 150x150x9.5 (6"x6"x3/8") STL. PLATE TOP & BOTTOM. 870x870x140 (34"x34"x14") CONC. FOOTING ON UNDISTURBED SOIL OR ENGINEERED FILL CAPABLE OF SUSTAINING A PRESSURE OF 150 Kpa. MINIMUM AND AS PER SOILS REPORT.

15A. STEEL BASEMENT COLUMN (SEE O.B.C. 9.15.3.3) 89mm (3-1/2") DIA. x 4.78mm (1/8") FIXED STL. COL. WITH 150x150x9.5 (6"x6"x3/8") STL. TOP & BOTTOM PLATE ON 1070x1070x460 (42"x42"x18") CONC. FOOTING ON UNDISTURBED SOIL OR ENGINEERED FILL CAPABLE OF SUSTAINING A PRESSURE OF 150 Kpa. MIN. AND AS PER SOILS REPORT.

15B. STEEL COLUMN 90mm (3-1/2") DIA. x 4.78mm (1/8") 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.

16. BEAM POCKET OR 300x150 (12"x6") POURED CONC. NIB WALLS. MIN. BEARING 90mm (3-1/2")

17. 19x64 (1"x3") CONTINUOUS WOOD 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 ON COMPACTED SUB-BASE OR COMPACTED NATIVE FILL. SLOPE TO FRONT.

18. GARAGE CEILING/INTERIOR WALLS 13mm (1/2") GYPSUM BOARD ON WALL AND CEILING BETWEEN HOUSE AND GARAGE. TAPE AND SEAL ALL JOINTS AIRTIGHT PER O.B.C. 9.10.9.16. REFER TO SB-12, TABLE 2.1.1.2.A. FOR REQUIRED THERMAL INSULATION.

20. DOOR AND FRAME GASPROOFED. DOOR EQUIPPED WITH SELF CLOSING DEVICE AND WEATHERSTRIPPING PER OBC 9.10.13.15.

21. EXTERIOR STEP PRECAST CONCRETE STEP OR WOOD STEP WHERE NOT EXPOSED TO WEATHER. 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.

22. DRYER EXHAUST (OBC 9.23.8.7) & (9.24.1.1) CAPPED DRYER EXHAUST VENTED TO EXTERIOR. (USE 100mm (4") DIA. SMOOTH WALL VENT PIPE)

23. INSULATED ATTIC ACCESS (OBC 9.19.2.1 & SB12-2.1.1.7) ATTIC ACCESS HATCH WITH MIN. DIMENSION OF 545x610mm (21 1/2"x24") & A MIN. AREA OF 0.32 SQ.M. (3.4 SQ.FT.) WITH WEATHERSTRIPPING. RSI 3.52 (R20) RIGID INSUL. BACKING.

24. FIREPLACE CHIMNEYS OBC 9.21. TOP OF FIREPLACE CHIMNEY SHALL BE 915mm (3'-0") ABOVE THE HIGHEST POINT AT WHICH IT COMES IN CONTACT WITH THE ROOF AND 610mm (2'-0") ABOVE THE ROOF SURFACE WITHIN A HORIZ. DISTANCE OF 3050mm (10'-0") FROM THE CHIMNEY.

25. LINEN CLOSET, 4 SHELVES MIN. 350mm (14") DEEP.

26. MECHANICAL EXHAUST FAN, VENTED TO EXTERIOR AS REQUIRED BY OBC 9.32.3.5 & 9.32.3.10.

27. 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.

28. 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).

28. BEARING WOOD POST (BASEMENT) (OBC 9.17.4.1) 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. FOOTING.

30. STEPPED FOOTINGS OBC 9.15.3.9. MIN. HORIZ. STEP = 600mm (24") MAX. VERT. STEP = 600mm (24")

31. SLAB ON GRADE MIN. 100mm (4") CONCRETE SLAB ON GRADE ON 100mm (4") COARSE GRANULAR FILL. REINFORCED WITH 6x6-W2.9xW2.9 MESH PLACED NEAR MID-DEPTH OF SLAB. CONC. STRENGTH 32 MPa (4640 psi) SLAB WITH 5-8% AIR ENTRAINMENT ON COMPACTED SUB-GRADE. REFER TO OBC SB-12, TABLE 2.1.1.2.A. FOR REQUIRED MINIMUM THERMAL INSULATION UNDER SLAB.

32. DIRECT VENTING GAS FURNACE/H.W.T. VENT 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.

33. DIRECT VENTING GAS FIREPLACE VENT DIRECT VENT GAS FIREPLACE. VENT TO BE A MINIMUM 300mm (12") FROM ANY OPENING AND ABOVE FIN. GRADE. REFER TO GAS UTILIZATION CODE.

34. SUBFLOOR JOIST STRAPPING AND BRIDGING 16mm (5/8") T & G SUBFLOOR ON WOOD FLOOR JOISTS. FOR CERAMIC TILE APPLICATION ("SEE OBC 9.30.6.") 6mm (1/4") PANEL TYPE UNDERLAY UNDER RESILIENT & PARQUET FLOORING. ("SEE OBC 9.30.2.")

35. EXPOSED BUILDING FACE OBC 9.10.15 & SB-2-2.3.5.(2) EXTERIOR WALLS TO HAVE A FIRE RESISTANCE RATING OF NOT LESS THAN 45 min. WHERE LIMITING DISTANCE (LD) IS LESS THAN 1.2M (3'-11"). WHERE THE LD IS LESS THAN 600mm (1'-11") THE EXPOSING FACE SHALL BE CLAD IN NON-COMBUSTIBLE MATERIAL. SEE ELEVATIONS FOR ADDITIONAL NOTES. OFFENDING GARAGE WALLS INCLUDED.

36. GOLD CELLAR PORCH SLAB (OBC 9.40.1) FOR MAX. 2500mm (8'-2") PORCH DEPTH (SHORTEST DIM.), 150mm (6") 32MPa (4640psi) CONC. SLAB WITH 5-8% AIR ENTRAINMENT. REIN. WITH 10M BARS @ 200mm (7 7/8") O.C. EACH WAY IN BOTTOM THIRD OF SLAB. MIN. 30mm (1 1/4") COVER, 600x600 (23 5/8"x23 5/8") 10M DOWELS @ 600mm (23 5/8") O.C., ANCHORED IN PERIMETER FDTN. WALLS. SLOPE SLAB MIN. 1.0% FROM HOUSE WALL. SLAB TO HAVE MIN. 75mm (3") BEARING ON FDTN. WALLS. PROVIDE (L7) LINTEL OVER CELLAR DOOR WITH 100mm (4") END BEARING.

37. THE FDTN. WALL SHALL NOT BE REDUCED TO LESS THAN 90mm (3-1/2") THICK TO A MAX. DEPTH OF 600mm (24") 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.

38. CONVENTIONAL ROOF FRAMING (2.0kPa SNOW LOAD) 38x140 (2"x6") RAFTERS @ 400mm (16") O.C. 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") O.C. FOR MAX. 2830mm (9'-3") SPAN & 38x140 (2"x6") @ 400 (16") O.C. FOR MAX. 4450mm (14'-7") SPAN. RAFTERS FOR BUILT-UP ROOF TO BE 38x89 (2"x4") @ 600mm (24") O.C. WITH A 38x89 (2"x4") CENTRE POST TO THE TRUSS BELOW, LATERALLY BRACED @ 1800mm (6'-0") O.C. VERTICALLY.

38. TWO STOREY VOLUME SPACES -FOR A MAXIMUM 5490 mm (18'-0") HEIGHT AND MAXIMUM SUPPORTED ROOF TRUSS LENGTH OF 6.0m. PROVIDE 2-38x140 (2-2"x6") SPR.#2 CONTIN. STUDS @ 300mm (12") O.C. (TRIPLE UP AT EVERY THIRD DOUBLE STUD FOR BRICK WALLS) C/W 9.6 (3/8") THICK EXT. PLYWOOD SHEATHING. PROVIDE SOLID WOOD BLOCKING BETWEEN WOOD STUDS @ 1220 mm (4'-0") O.C. VERTICALLY. -FOR WALLS WITH HORIZ. DISTANCES NOT EXCEEDING 2900 mm (9'-6"). PROVIDE 38x140 (2"x6") STUDS @ 400 (16") O.C. WITH CONTINUOUS 2-38x140 (2-2"x6") TOP PLATES + 1-38x140 (1-2"x6") BOTTOM PLATE & MINIMUM OF 3-38x184 (3-2"x8") CONT. HEADER AT GRND. CEILING LEVEL TOE-NAILED & GLUED AT TOP, BOTTOM PLATES AND HEADERS.

40. TYPICAL 1 HOUR RATED PARTYWALL. REFER TO DETAILS FOR TYPE AND SPECIFICATIONS.

41. FOUNDATION WALL (W.O.D./W.O.B.) -FOR LATERAL SUPPORT WHERE GRADE TO T/O BASEMENT SLAB EXCEEDS 1200mm (3'-11") FOR 200mm (8") POURED CONC. FOUNDATION WALL PROVIDE VERTICAL 38x140 (2"x6") WOOD STUDS @ 400 (16") o.c. MATCH FLOOR JOIST SPACING WHEN PARALLEL WITH FLOOR JOISTS. [RAMSET BOTTOM PLATE TO SLAB & FASTEN TOP OF WALL TO FLOOR JOIST AND ALSO TIED TO 38x84 (2"x4") @ 300 (12") o.c. KNEE WALL]. REFER TO DETAIL.

42. EXTERIOR WALLS FOR WALK-OUT CONDITIONS THE EXTERIOR BASEMENT STUD WALL TO BE 38x140 (2"x6") STUDS @ 400mm (16") o.c. OR 38x89 (2"x4") STUDS @ 300mm (12") o.c.

43. EXTERIOR WALLS FOR WALK-OUT CONDITIONS THE EXTERIOR BASEMENT STUD WALL TO BE 38x140 (2"x6") STUDS @ 400mm (16") o.c. OR 38x89 (2"x4") STUDS @ 300mm (12") o.c.

44. EXTERIOR WALLS FOR WALK-OUT CONDITIONS THE EXTERIOR BASEMENT STUD WALL TO BE 38x140 (2"x6") STUDS @ 400mm (16") o.c. OR 38x89 (2"x4") STUDS @ 300mm (12") o.c.

45. EXTERIOR WALLS FOR WALK-OUT CONDITIONS THE EXTERIOR BASEMENT STUD WALL TO BE 38x140 (2"x6") STUDS @ 400mm (16") o.c. OR 38x89 (2"x4") STUDS @ 300mm (12") o.c.

46. EXTERIOR WALLS FOR WALK-OUT CONDITIONS THE EXTERIOR BASEMENT STUD WALL TO BE 38x140 (2"x6") STUDS @ 400mm (16") o.c. OR 38x89 (2"x4") STUDS @ 300mm (12") o.c.

47. EXTERIOR WALLS FOR WALK-OUT CONDITIONS THE EXTERIOR BASEMENT STUD WALL TO BE 38x140 (2"x6") STUDS @ 400mm (16") o.c. OR 38x89 (2"x4") STUDS @ 300mm (12") o.c.

48. EXTERIOR WALLS FOR WALK-OUT CONDITIONS THE EXTERIOR BASEMENT STUD WALL TO BE 38x140 (2"x6") STUDS @ 400mm (16") o.c. OR 38x89 (2"x4") STUDS @ 300mm (12") o.c.

49. EXTERIOR WALLS FOR WALK-OUT CONDITIONS THE EXTERIOR BASEMENT STUD WALL TO BE 38x140 (2"x6") STUDS @ 400mm (16") o.c. OR 38x89 (2"x4") STUDS @ 300mm (12") o.c.

50. EXTERIOR WALLS FOR WALK-OUT CONDITIONS THE EXTERIOR BASEMENT STUD WALL TO BE 38x140 (2"x6") STUDS @ 400mm (16") o.c. OR 38x89 (2"x4") STUDS @ 300mm (12") o.c.

51. EXTERIOR WALLS FOR WALK-OUT CONDITIONS THE EXTERIOR BASEMENT STUD WALL TO BE 38x140 (2"x6") STUDS @ 400mm (16") o.c. OR 38x89 (2"x4") STUDS @ 300mm (12") o.c.

52. EXTERIOR WALLS FOR WALK-OUT CONDITIONS THE EXTERIOR BASEMENT STUD WALL TO BE 38x140 (2"x6") STUDS @ 400mm (16") o.c. OR 38x89 (2"x4") STUDS @ 300mm (12") o.c.

53. EXTERIOR WALLS FOR WALK-OUT CONDITIONS THE EXTERIOR BASEMENT STUD WALL TO BE 38x140 (2"x6") STUDS @ 400mm (16") o.c. OR 38x89 (2"x4") STUDS @ 300mm (12") o.c.

54. EXTERIOR WALLS FOR WALK-OUT CONDITIONS THE EXTERIOR BASEMENT STUD WALL TO BE 38x140 (2"x6") STUDS @ 400mm (16") o.c. OR 38x89 (2"x4") STUDS @ 300mm (12") o.c.

55. EXTERIOR WALLS FOR WALK-OUT CONDITIONS THE EXTERIOR BASEMENT STUD WALL TO BE 38x140 (2"x6") STUDS @ 400mm (16") o.c. OR 38x89 (2"x4") STUDS @ 300mm (12") o.c.

56. EXTERIOR WALLS FOR WALK-OUT CONDITIONS THE EXTERIOR BASEMENT STUD WALL TO BE 38x140 (2"x6") STUDS @ 400mm (16") o.c. OR 38x89 (2"x4") STUDS @ 300mm (12") o.c.

57. EXTERIOR WALLS FOR WALK-OUT CONDITIONS THE EXTERIOR BASEMENT STUD WALL TO BE 38x140 (2"x6") STUDS @ 400mm (16") o.c. OR 38x89 (2"x4") STUDS @ 300mm (12") o.c.

58. EXTERIOR WALLS FOR WALK-OUT CONDITIONS THE EXTERIOR BASEMENT STUD WALL TO BE 38x140 (2"x6") STUDS @ 400mm (16") o.c. OR 38x89 (2"x4") STUDS @ 300mm (12") o.c.

59. EXTERIOR WALLS FOR WALK-OUT CONDITIONS THE EXTERIOR BASEMENT STUD WALL TO BE 38x140 (2"x6") STUDS @ 400mm (16") o.c. OR 38x89 (2"x4") STUDS @ 300mm (12") o.c.

60. EXTERIOR WALLS FOR WALK-OUT CONDITIONS THE EXTERIOR BASEMENT STUD WALL TO BE 38x140 (2"x6") STUDS @ 400mm (16") o.c. OR 38x89 (2"x4") STUDS @ 300mm (12") o.c.

61. EXTERIOR WALLS FOR WALK-OUT CONDITIONS THE EXTERIOR BASEMENT STUD WALL TO BE 38x140 (2"x6") STUDS @ 400mm (16") o.c. OR 38x89 (2"x4") STUDS @ 300mm (12") o.c.

62. EXTERIOR WALLS FOR WALK-OUT CONDITIONS THE EXTERIOR BASEMENT STUD WALL TO BE 38x140 (2"x6") STUDS @ 400mm (16") o.c. OR 38x89 (2"x4") STUDS @ 300mm (12") o.c.

63. EXTERIOR WALLS FOR WALK-OUT CONDITIONS THE EXTERIOR BASEMENT STUD WALL TO BE 38x140 (2"x6") STUDS @ 400mm (16") o.c. OR 38x89 (2"x4") STUDS @ 300mm (12") o.c.

64. EXTERIOR WALLS FOR WALK-OUT CONDITIONS THE EXTERIOR BASEMENT STUD WALL TO BE 38x140 (2"x6") STUDS @ 400mm (16") o.c. OR 38x89 (2"x4") STUDS @ 300mm (12") o.c.

65. EXTERIOR WALLS FOR WALK-OUT CONDITIONS THE EXTERIOR BASEMENT STUD WALL TO BE 38x140 (2"x6") STUDS @ 400mm (16") o.c. OR 38x89 (2"x4") STUDS @ 300mm (12") o.c.

66. EXTERIOR WALLS FOR WALK-OUT CONDITIONS THE EXTERIOR BASEMENT STUD WALL TO BE 38x140 (2"x6") STUDS @ 400mm (16") o.c. OR 38x89 (2"x4") STUDS @ 300mm (12") o.c.

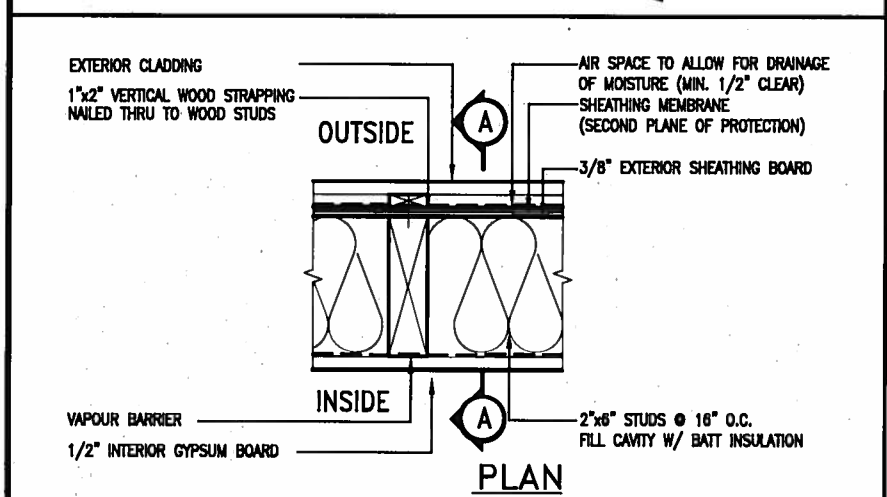
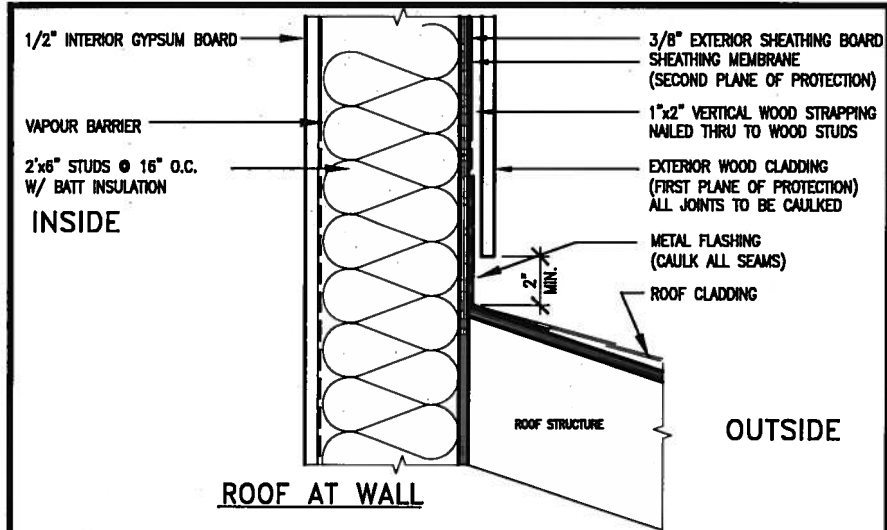
67. EXTERIOR WALLS FOR WALK-OUT CONDITIONS THE EXTERIOR BASEMENT STUD WALL TO BE 38x140 (2"x6") STUDS @ 400mm (16") o.c. OR 38x89 (2"x4") STUDS @ 300mm (12") o.c.

68. EXTERIOR WALLS FOR WALK-OUT CONDITIONS THE EXTERIOR BASEMENT STUD WALL TO BE 38x140 (2"x6") STUDS @ 400mm (16") o.c. OR 38x89 (2"x4") STUDS @ 300mm (12") o.c.

69. EXTERIOR WALLS FOR WALK-OUT CONDITIONS THE EXTERIOR BASEMENT STUD WALL TO BE 38x140 (2"x6") STUDS @ 400mm (16") o.c. OR 38x89 (2"x4") STUDS @ 300mm (12") o.c.

70. EXTERIOR WALLS FOR WALK-OUT CONDITIONS THE EXTERIOR BASEMENT STUD WALL TO BE 38x140 (2"x6") STUDS @ 400mm (16") o.c. OR 38x89 (2"x4") STUDS @ 300mm (12") o.c.

71. EXTERIOR WALLS FOR WALK-OUT CONDITIONS THE EXTERIOR BASEMENT STUD WALL TO BE 38x140 (2"x6") STUDS @ 400mm (16") o.c. OR 38x

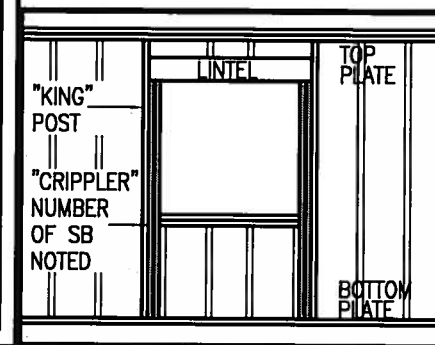
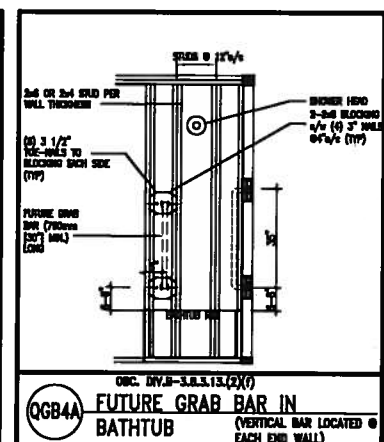
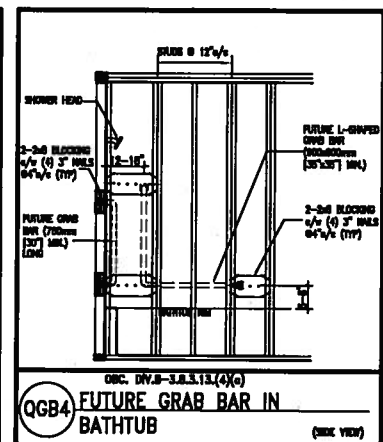
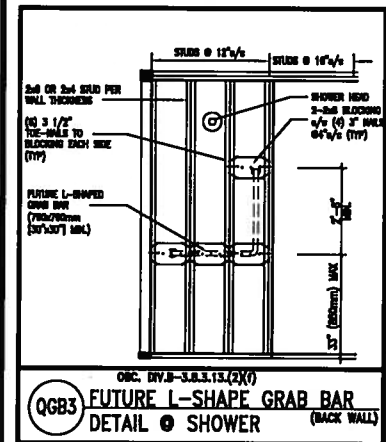
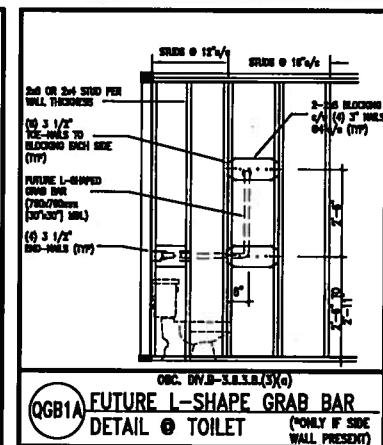
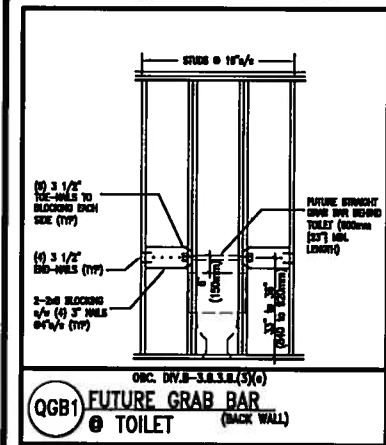


EXTERIOR WOOD CLADDING WALL ASSEMBLY



OCT 19, 2015

STUD WALL REINFORCEMENT FOR FUTURE GRAB BARS IN MAIN BATHROOM
 REINFORCEMENT OF STUD WALLS SHALL BE INSTALLED ADJACENT TO WATER CLOSETS AND SHOWER OR BATHTUB IN MAIN BATHROOM.
 FUTURE GRAB BARS TO BE MOUNTED TO RESIST HORIZ. AND VERT. LOADS OF 1.3 KN (300 lb)
 REFER TO OBC, DIV. B- 9.5.2.3. WATER CLOSET 3.8.3.8.(3)(c) & 3.8.3.8.(3)(c). SHOWER 3.8.3.13.(2)(f). BATHTUB & 3.8.3.13.(4)(c). AND DETAILS PROVIDED.



MAX. HEIGHT FOR 2"x4" GARAGE WALL IS AS FOLLOW:
 2"x4" @ 16" O.C. - 9'-10"
 2"x4" @ 12" O.C. - 10'-9"
 3"x4" @ 16" O.C. - 11'-2"
 3"x4" @ 12" O.C. - 12'-4"

- NOTES:
- FOR ROOF DESIGN SNOW LOAD OF 2.5 KPa. SUPPORTED ROOF TRUSS LENGTH OF 6.0m AND FLOOR JOIST LENGTH OF 2.5m OF ONE FLOOR.
 - PROVIDE HORIZONTAL SOLID BLOCKING @ 1200 O.C. (4'-0")
 - PROVIDE A MINIMUM OF 9.5mm (3/8") PLYWOOD OR OSB EXTERIOR SHEATHING ON THE EXTERIOR FACE.
 - FOR A 1/50 YEAR REFERENCE WIND PRESSURE OF 0.6 KPa.
 - STUDS GREATER THAN 9'-10" HIGH TO BE NO. 2 SPF.
 - STUD SPECIFICATION IS SUITABLE FOR BRICK VENEER OR SIDING.

** MAX. HEIGHT FOR 2"x6" EXTERIOR WALL IS AS FOLLOW:
 2"x6" @ 16" O.C. - 12'-6"
 2"x6" @ 12" O.C. - 13'-10"
 2"x6" @ 16" O.C. - 15'-0"
 2"x6" @ 12" O.C. - 17'-4"

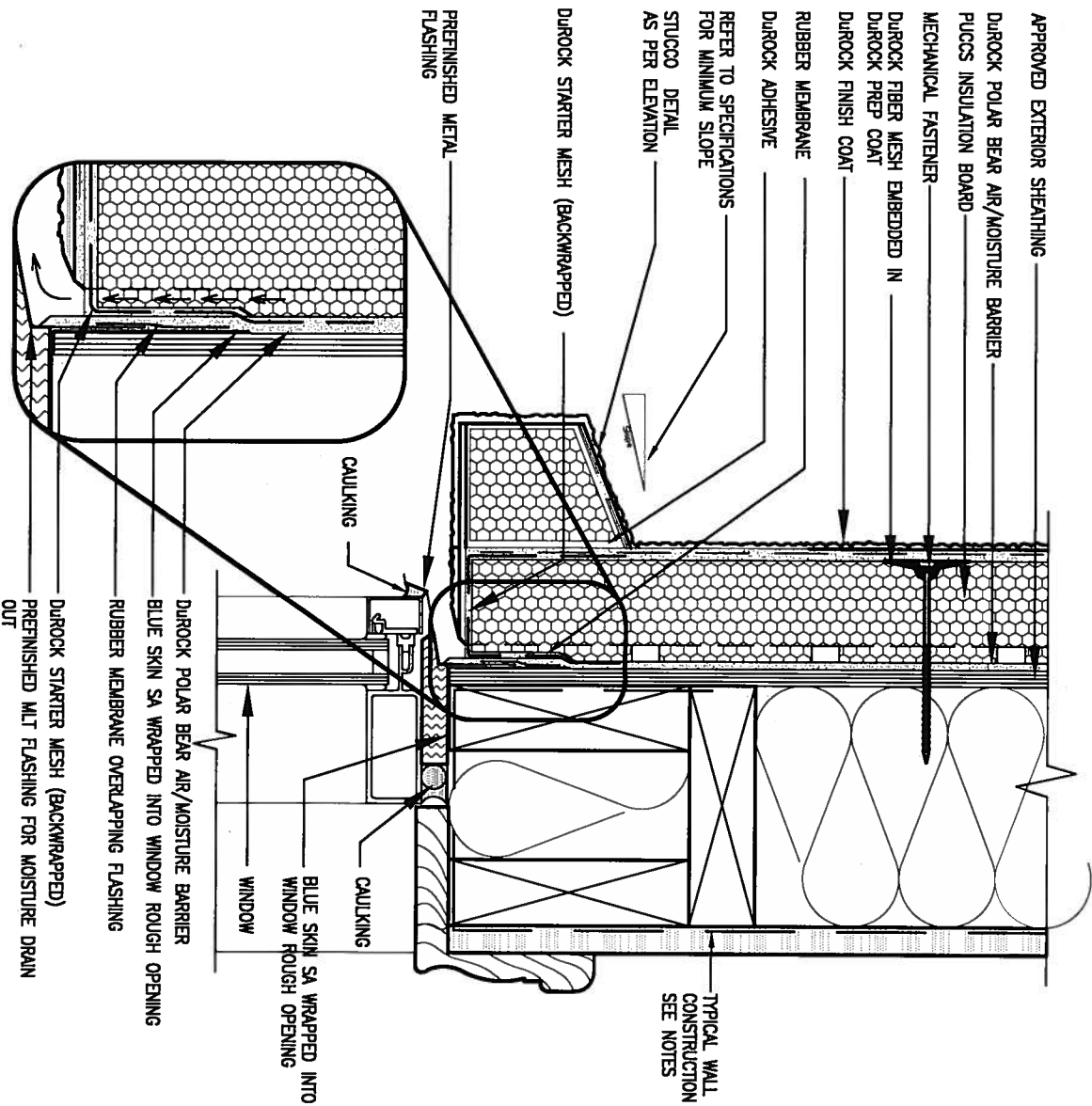
- MAX. HEIGHT FOR 2"x8" EXTERIOR WALL IS AS FOLLOWS:
 2"x8" @ 16" O.C. - 16'-0"
 2"x8" @ 12" O.C. - 17'-9"
 2"x8" @ 16" O.C. - 20'-4"
 2"x8" @ 12" O.C. - 22'-4"
- NOTES:
- FOR ROOF DESIGN SNOW LOAD OF 2.5 KPa. SUPPORTED ROOF TRUSS LENGTH OF 6.0m ONLY.
 - PROVIDE HORIZONTAL SOLID BLOCKING @ 1200 O.C. (4'-0")
 - PROVIDE A MINIMUM OF 9.5mm (3/8") PLYWOOD OR OSB EXTERIOR SHEATHING ON THE EXTERIOR FACE AND 12.5mm (1/2") GYPSUM BOARD ON THE INTERIOR FACE.
 - WALL FRAMING SHALL CONFORM TO OBC 9.23.10.1.(2)
 - FOR A 1/50 YEAR REFERENCE WIND PRESSURE OF 0.6 KPa
 - STUDS GREATER THAN 9'-10" HIGH TO BE NO. 2 SPF.
 - STUD SPECIFICATION IS SUITABLE FOR BRICK VENEER OR SIDING.

** STUD INFORMATION TAKEN FROM OBC TABLE A-30

9.				The undersigned has reviewed and takes responsibility for this design and has the qualifications and meets the requirements set out in the Ontario Building Code to be a Designer.
8.				qualification information
7.				Wellington Jno-Baptiste 25591
6.				name
5.				registration information
4.				VAS Design Inc. 42658
3.				
2.	UPDATE TO CODE	APR 16-15	RC	
1.	ISSUE FOR CLIENT REVIEW	MAY 07-14	RC	
no.	description	date	by	

VAS DESIGN
 300A Wilson Avenue
 Toronto ON M3H 1S8
 416.630.2255 f 416.630.4782
 vasdesign.com

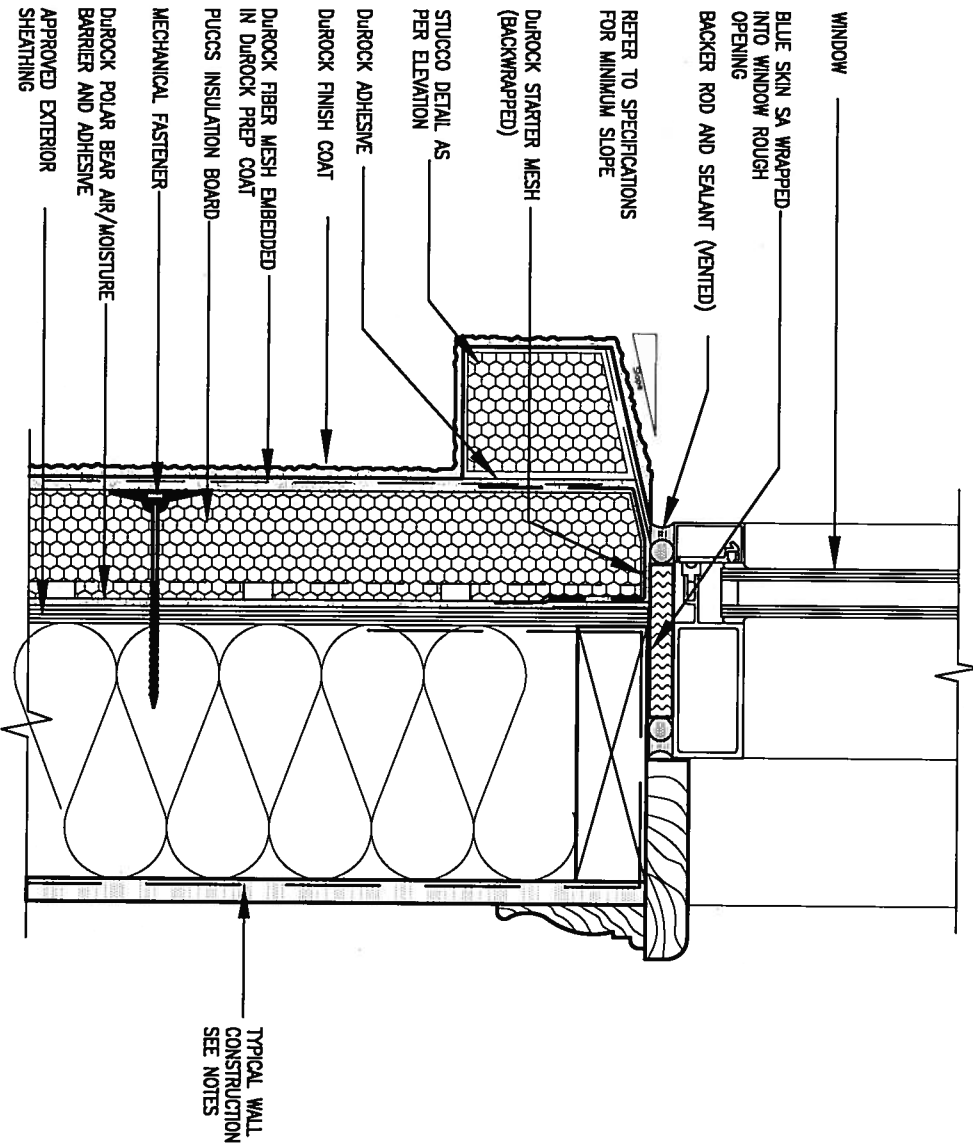
BAYVIEW WELLINGTON		CONST NOTE	
project name GREEN VALLEY ESTATES	municipality BRADFORD	project no. 13045	
date APR 2014	checked by RC	CONSTRUCTION NOTES	
scale 3/16" = 1'-0"	file name 13045-CONST-OBC 2015	drawing no. CN2	



1 WINDOW HEADER

CN3

SCALE: 3"=1'-0"



2 WINDOW SILL

CN3

SCALE: 3"=1'-0"

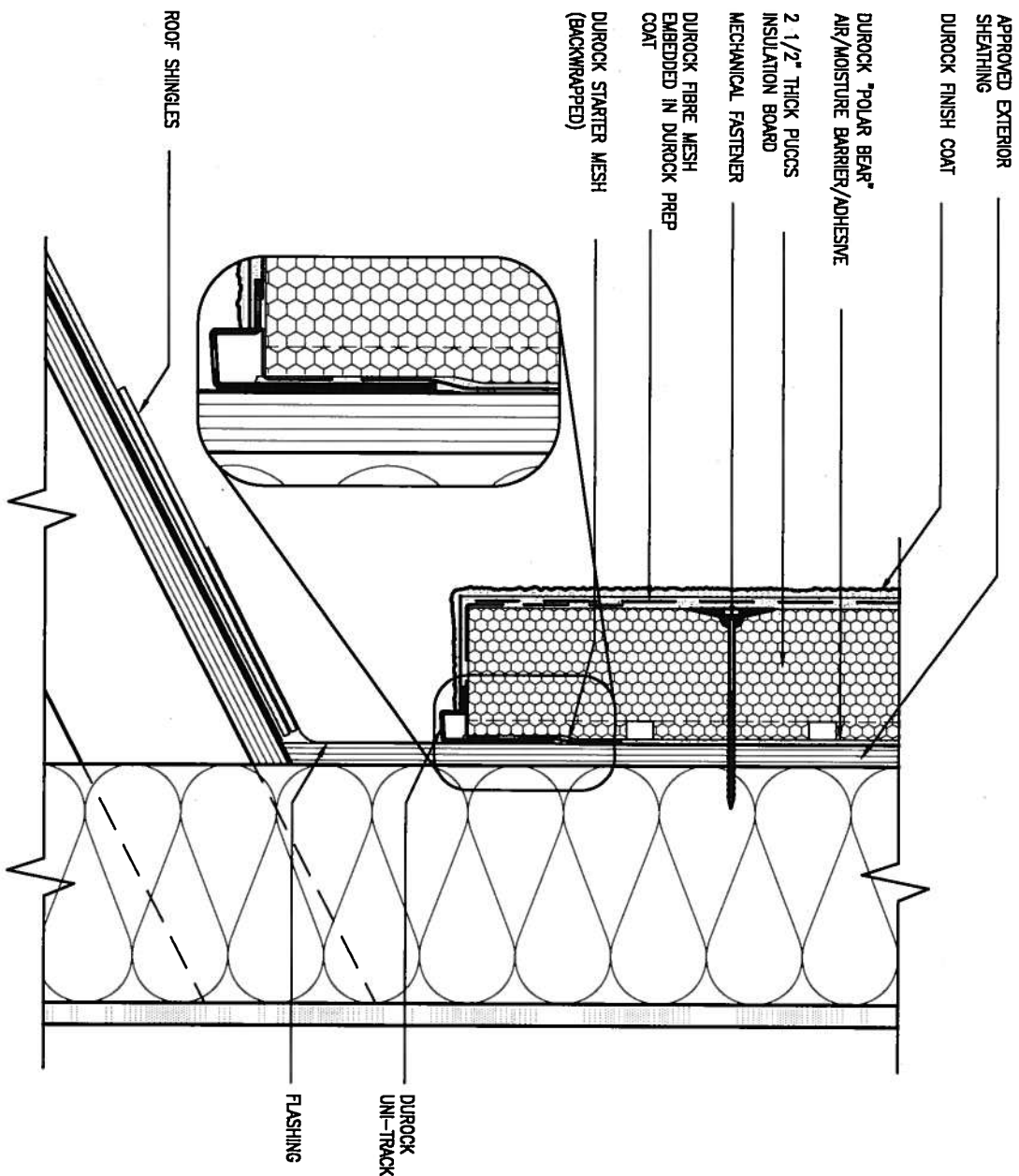
ALL STUCCO WALLS TO HAVE A MINIMUM 10mm AIR SPACE BEHIND THE CLADDING WITH POSITIVE DRAINAGE TO THE EXTERIOR. THE EXTERIOR SHEATHING MUST NOT BE GYPSUM BASED. ALL STUCCO TO BE INSTALLED AS PER MANUFACTURERS SPECIFICATIONS.

DETAILS ARE BASED ON DUROCK PUCCS SYSTEM

9.	.	.	The undersigned has reviewed and takes responsibility for this design and has the qualifications and meets the requirements set out in the Ontario Building Code to be a Designer.
8.	.	.	qualification information
7.	.	.	Wellington Jno-Baptiste 25591
6.	.	.	name
5.	.	.	registration information
4.	.	.	VAS Design Inc. 42658
3.	.	.	
2.	UPDATE TO CODE	APR 16-15	RC
1.	ISSUE FOR CLIENT REVIEW	MAY 07-14	RC
no.	description	date	by

VAS3 DESIGN
300A Wilson Avenue
Toronto ON M3H 1S8
t 416.630.2255 f 416.630.4782
vas3design.com

BAYVIEW WELLINGTON		CONST NOTE	
project name GREEN VALLEY ESTATES	municipality BRADFORD	project no. 13045	
date APR 2014	checked by RC	scale 3/16" = 1'-0"	file name 13045-CONST-OBC 2015
drawing no. CN3		CONSTRUCTION NOTES	
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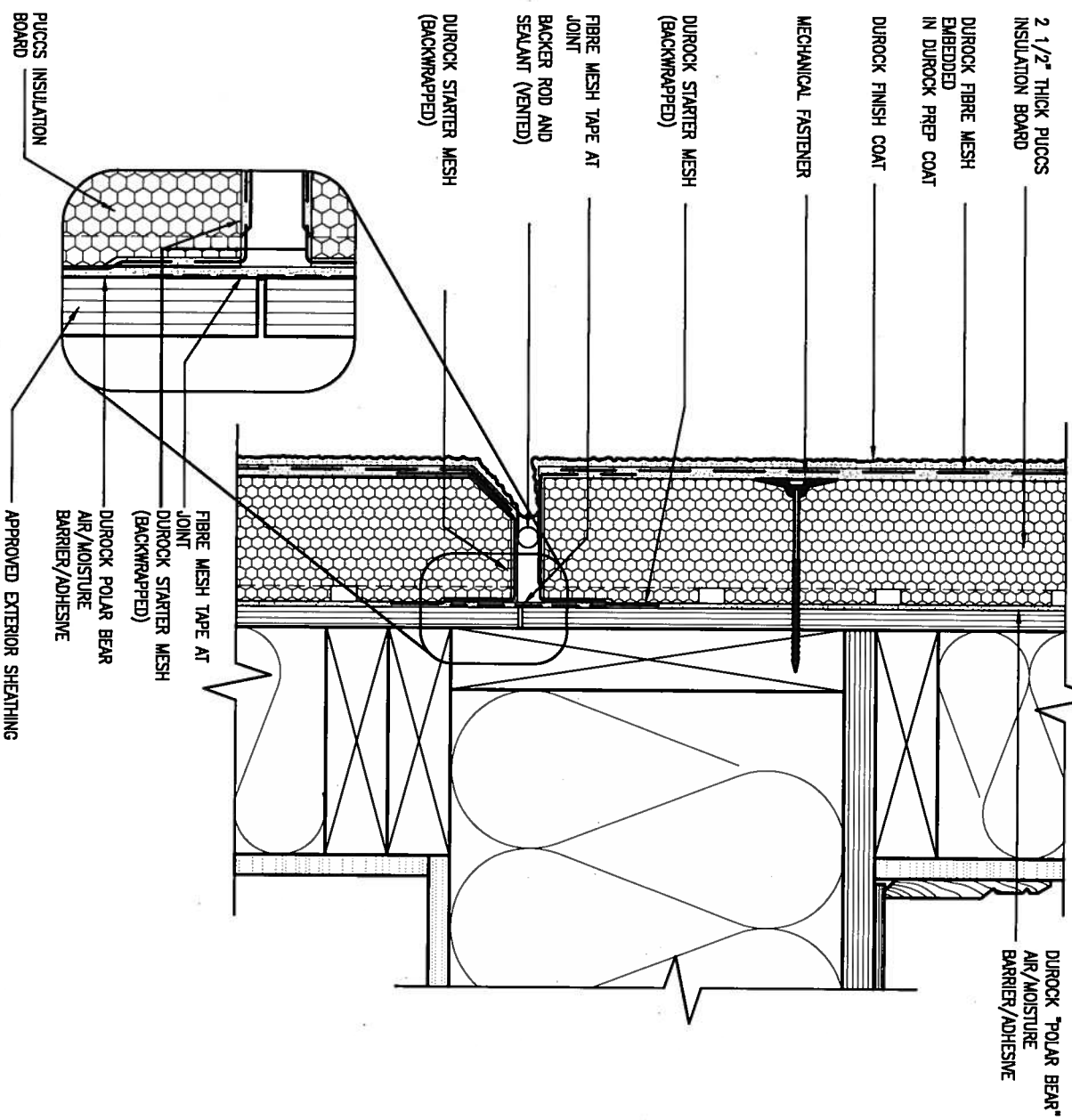


3
CN4

STUCCO TERMINATION @ ROOF

SCALE: 3"=1'-0"

ALL STUCCO WALLS TO HAVE A MINIMUM 10mm AIR SPACE BEHIND THE CLADDING WITH POSITIVE DRAINAGE TO THE EXTERIOR. THE EXTERIOR SHEATHING MUST NOT BE GYPSUM BASED. ALL STUCCO TO BE INSTALLED AS PER MANUFACTURERS SPECIFICATIONS. DETAILS ARE BASED ON DUROCK PUCCS SYSTEM



4
CN4

HORIZONTAL EXPANSION JOINT

SCALE: 3"=1'-0"

9	.	.	.
8	.	.	.
7	.	.	.
6	.	.	.
5	.	.	.
4	.	.	.
3	.	.	.
2	UPDATE TO CODE	APR 16-15	RC
1	ISSUE FOR CLIENT REVIEW	MAY 07-14	RC
no.	description	date	by

The undersigned has reviewed and takes responsibility for this design and has the qualifications and meets the requirements set out in the Ontario Building Code to be a Designer.

qualification information
Wellington Jno-Baptiste 25591
name
registration information
VAS Design Inc. 42658

Contractor must verify all dimensions on the job and report any discrepancy to the Designer before proceeding with the work. All drawings and specifications are instruments of service and the property of the Designer which must be returned at the completion of the work. Drawings are not to be scaled.

VAS3 DESIGN
300A Wilson Avenue
Toronto ON M3H 1S8
t 416.630.2255 f 416.630.4782
va3design.com

BAYVIEW WELLINGTON

project name
GREEN VALLEY ESTATES
municipality
BRADFORD

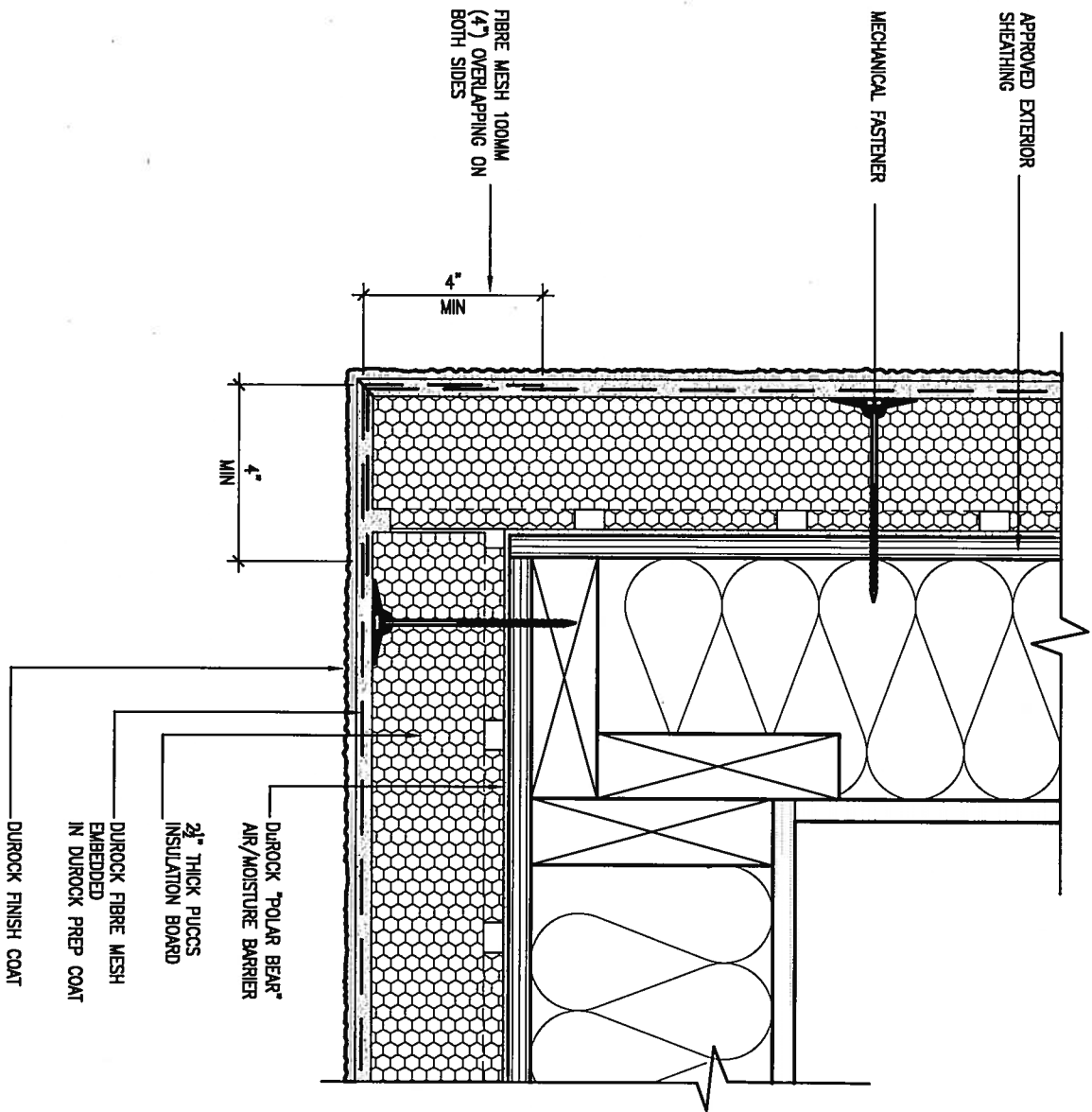
date
APR 2014
drawn by
RC
checked by
3/16" = 1'-0"
scale
13045-CONST-08C 2015

CONST NOTE

project no.
13045

drawing no.
CN4

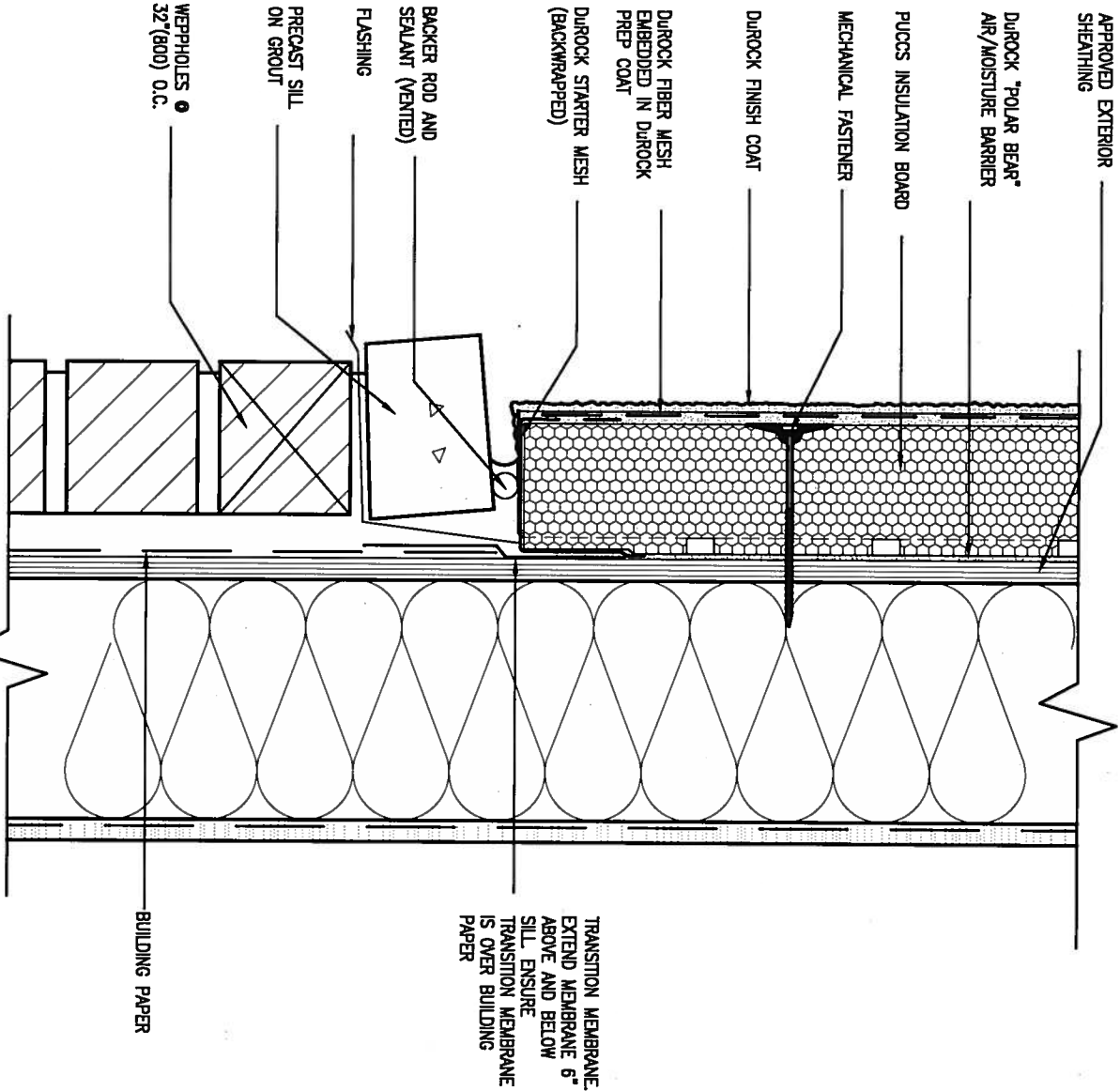
CONSTRUCTION NOTES



5 CORNER DETAIL

CN5 SCALE: 3"=1'-0"

ALL STUCCO WALLS TO HAVE A MINIMUM 10mm AIR SPACE BEHIND THE CLADDING WITH POSITIVE DRAINAGE TO THE EXTERIOR. THE EXTERIOR SHEATHING MUST NOT BE GYPSUM BASED. ALL STUCCO TO BE INSTALLED AS PER MANUFACTURERS SPECIFICATIONS.
DETAILS ARE BASED ON DUROCK PUCCS SYSTEM

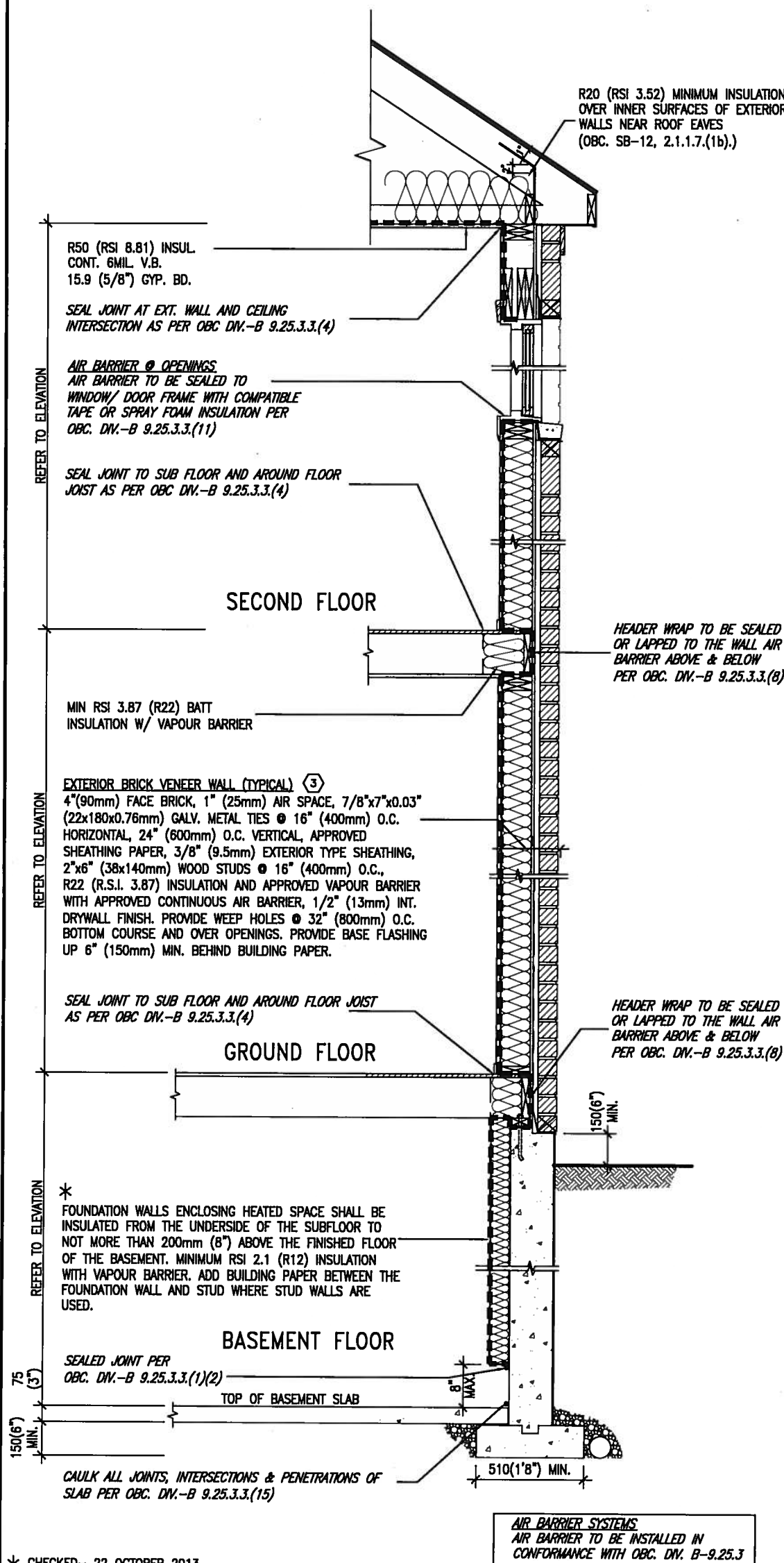


6 STUCCO / MASONRY PLINTH CONNECTION

CN5 SCALE: 3"=1'-0"

9.	.	.	The undersigned has reviewed and takes responsibility for this design and has the qualifications and meets the requirements set out in the Ontario Building Code to be a Designer, qualification information Wellington Jno-Baptiste 25591 name registration information VA3 Design Inc. 42658	 300A Wilson Avenue Toronto ON M3H 1S8 t 416.630.2255 f 416.630.4782 va3design.com	BAYVIEW WELLINGTON		CONST NOTE	
8.	.	.			project name GREEN VALLEY ESTATES	municipality BRADFORD	project no. 13045	
7.	.	.			date APR 2014	CONSTRUCTION NOTES		drawing no.
6.	.	.			drawn by RC	checked by -	scale 3/16" = 1'-0"	file name 13045-CONST-0BC 2015
5.	.	.			RICHARD - H \ARCHIVE\WORKING\2013\13045 BW\units\13045-CONST-0BC 2015.dwg - Thu Apr 16 2015 - 6:57 AM			
4.	.	.	2. UPDATE TO CODE	APR 18-15	RC	CN5		
3.	.	.	1. ISSUE FOR CLIENT REVIEW	MAY 07-14	RC			
no. description			date	by	Contractor must verify all dimensions on the job and report any discrepancy to the Designer before proceeding with the work. All drawings and specifications are instruments of service and the property of the Designer which must be returned at the completion of the work. Drawings are not to be scaled.			

SB12-COMPLIANCE PACKAGE 'J'



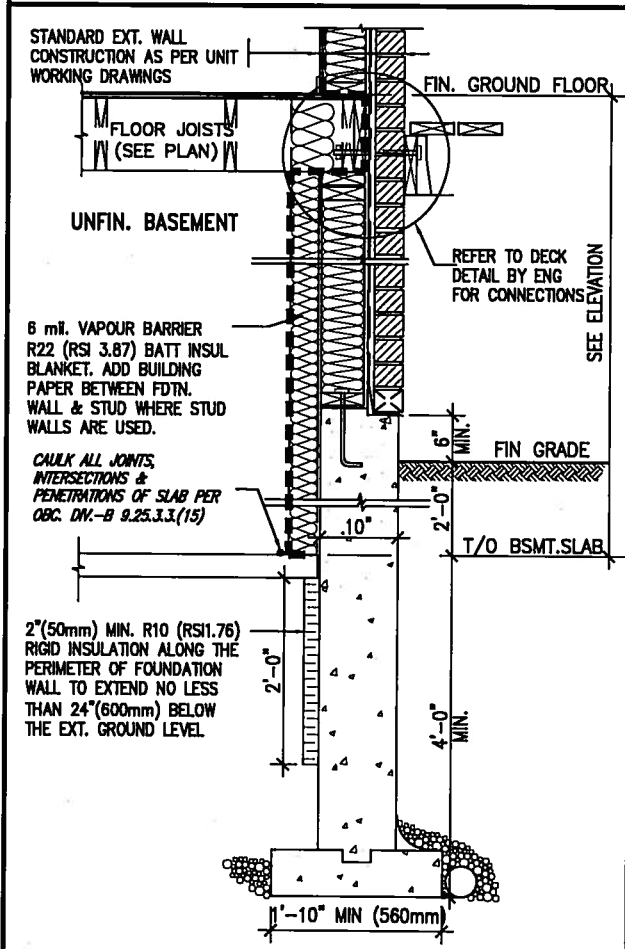
EW TYPICAL EXT. WALL AIR BARRIER CONTINUITY SECTION W/ BRICK VENEER SCALE: N.T.S.

SEMI & SINGLES ONLY

THE MINIMAL THERMAL PERFORMANCE OF BUILDING ENVELOPE AND EQUIPMENT SHALL CONFORM TO THE FOLLOWING SB-12 COMPLIANCE PACKAGE AS PER OBC SUPPLEMENTARY STANDARD SB-12, SECTION 2.1.1.1

USE SB-12 COMPLIANCE PACKAGE (J):		
COMPONENT	J	Notes:
Ceiling with Attic Space	8.81 (R50)	BLOWN -LOOSE
Ceiling without Attic Space	5.46 (R31)	BATT or SPRAY
Exposed Floor	5.46 (R31)	BATT or SPRAY
Walls Above Grade	3.87 (R22)	6\" R22 BATT
Basement Walls	2.11 (R12)	4\" R12 BLANKET
Edge of Below Grade Slab ≤600mm below grade	1.76 (R10)	RIGID INSUL
Windows & Sliding glass Doors	1.8	DOUBLE PANE LOW EMISSIVITY
Skylights	2.8	DOUBLE PANE LOW EMISSIVITY
Space Heating Equipment	94%	NATURAL GAS
Hot Water Heater	0.67	NATURAL GAS
HRV	60%	-

S. J. BOYD
OCT 19, 2015



SECTION AT W.O.D/W.O.B.

9.				The undersigned has reviewed and taken responsibility for this design and has the qualifications and meets the requirements set out in the Ontario Building Code to be a Designer.	VA3 DESIGN 300A Wilson Avenue Toronto ON M3H 1S8 t 416.630.2255 f 416.630.4782 va3design.com	BAYVIEW WELLINGTON project name GREEN VALLEY ESTATES municipality BRADFORD	CONST NOTE project no. 13045
8.			qualification information				
7.			Wellington Jno-Baptiste 25591				
6.			name registration information VA3 Design Inc. 42658				
5.				Contractor must verify all dimensions on the job and report any discrepancy to the Designer before proceeding with the work. All drawings and specifications are instruments of service and the property of the Designer which must be returned at the completion of the work. Drawings are not to be scaled.			
4.							
3.							
2.	UPDATE TO CODE	APR 16-15	RC				
1.	ISSUE FOR CLIENT REVIEW	MAY 07-14	RC				
no.	description	date	by				

CONSTRUCTION NOTES

13045-CONST-OBC 2015

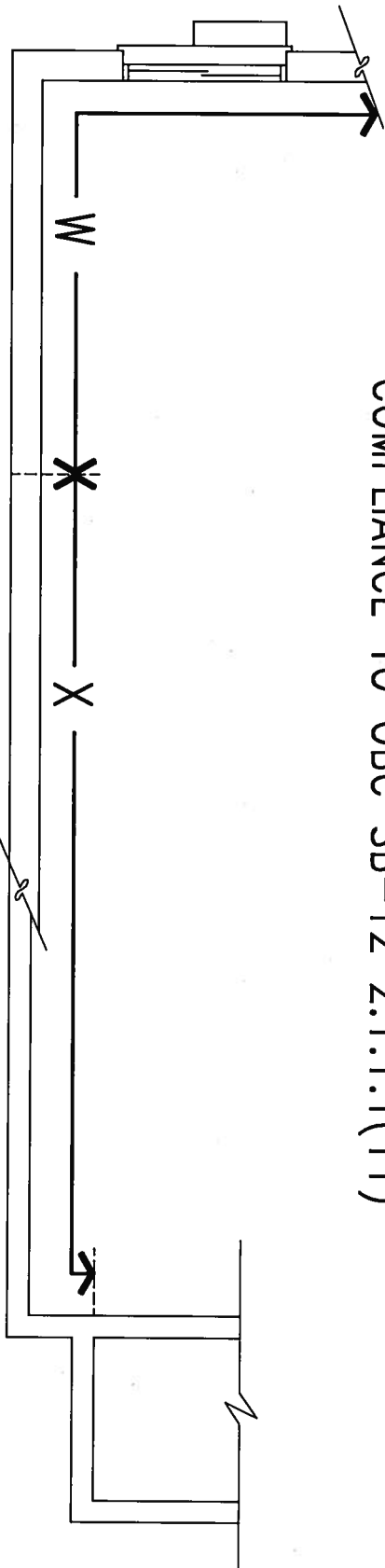
Richard - H:\ARCHIVE\WORKING\2013\13045.BW\units\13045-CONST-OBC 2015.dwg - Thu - Apr 16 2015 - 6:57 AM

drawing no.

CN6

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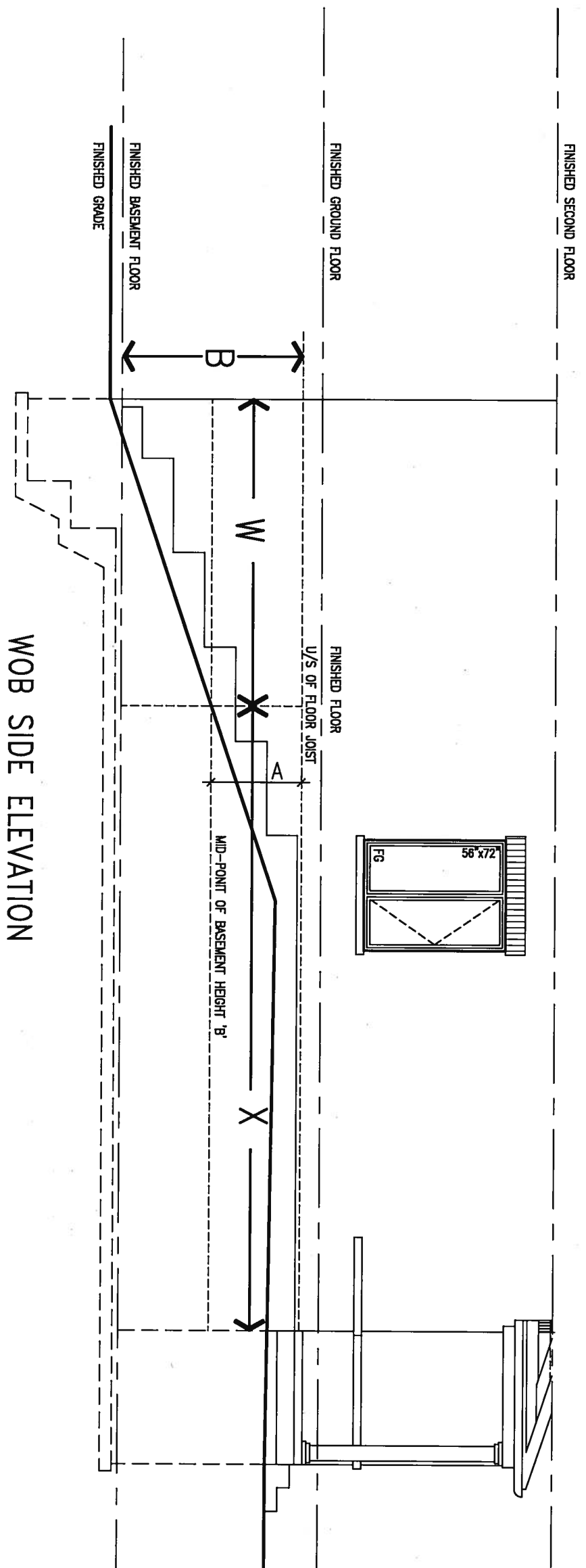
COMPLIANCE TO OBC SB-12 2.1.1.1(11)



WOB PLAN



OCT 19, 2015

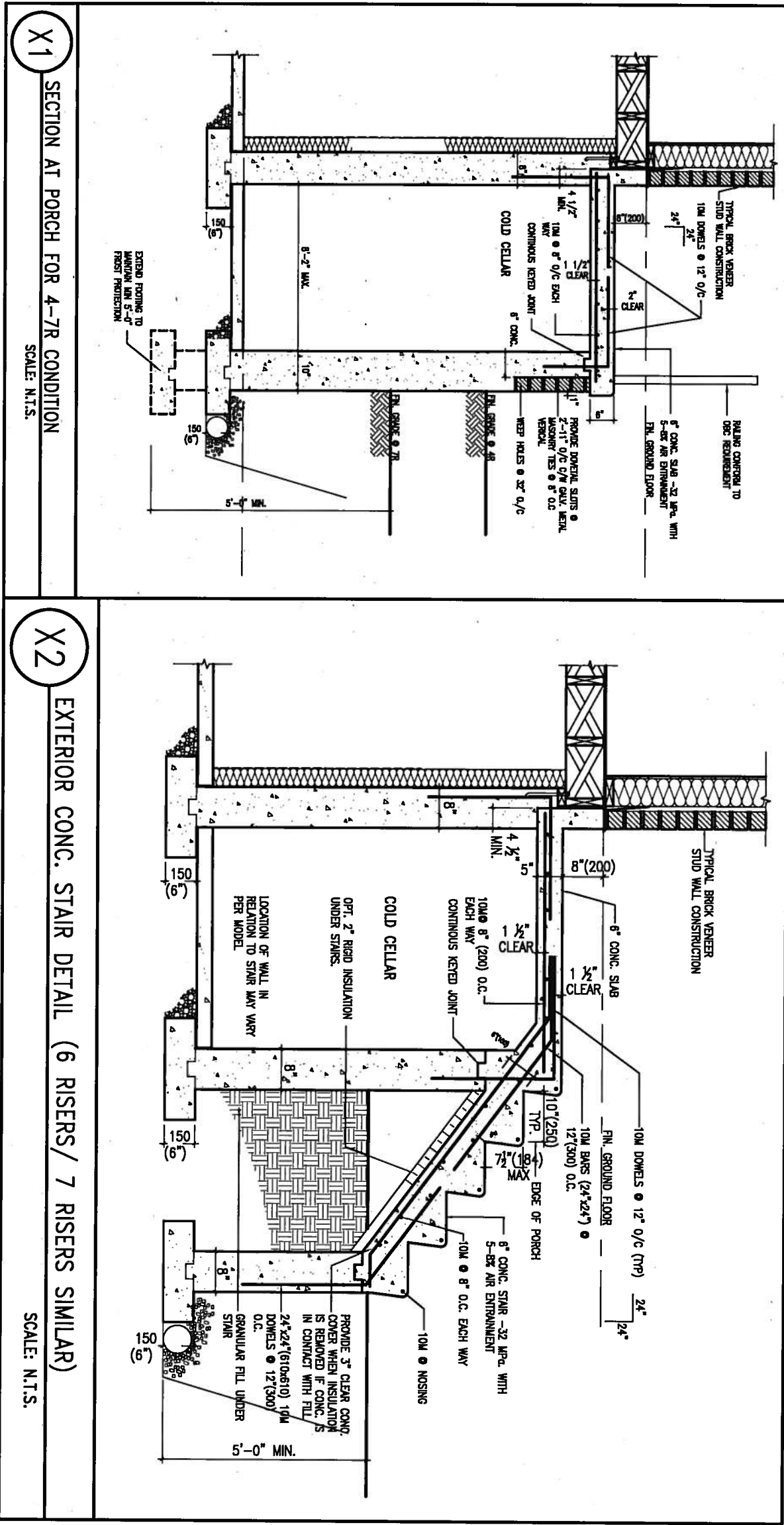


WOB SIDE ELEVATION

WHEN EXPOSED WALL "A" IS GREATER THAN 50% OF BASEMENT WALL HEIGHT "B" INSULATION VALUE FOR WALL IN SECTION "W" IS NOT LESS THAN IS REQUIRED FOR ABOVE GRADE WALL AS REQUIRED BY TABLE 2.1.1.2A

WHEN EXPOSED WALL "A" IS LESS THAN 50% OF BASEMENT WALL HEIGHT "B" INSULATION VALUE FOR WALL IN SECTION "X" IS NOT LESS THAN BASEMENT WALL AS REQUIRED BY TABLE 2.1.1.2A

9 .		The undersigned has reviewed and takes responsibility for this design and has the qualifications and meets the requirements set out in the Ontario Building Code to be a Designer.		VA3 DESIGN 300A Wilson Avenue Toronto ON M3H 1S8 t 416.630.2255 f 416.630.4782 va3design.com	BAYVIEW WELLINGTON		CONST NOTE	
8 .		qualification information			project name GREEN VALLEY ESTATES		project no. 13045	
7 .		Wellington Jno-Baptiste 25591			date APR 2014		municipality BRADFORD	
6 .		name Jno-Baptiste			checked by RC		CONSTRUCTION NOTES	
5 .		registration information VA3 Design Inc. 42658			scale 3/16" = 1'-0"		file name 13045-CONST-OBC 2015	
4 .		Contractor must verify all dimensions on the job and report any discrepancy to the Designer before proceeding with the work. All drawings and specifications are instruments of service and the property of the Designer which must be returned at the completion of the work. Drawings are not to be scaled.		drawn by RICHARD		drawing no. CN7		
3 .								
2 UPDATE TO CODE		APR 18-15 RC						
1 ISSUE FOR CLIENT REVIEW		MAY 07-14 RC						
no. description		date by						



9.		The undersigned has reviewed and takes responsibility for this design and has the qualifications and meets the requirements set out in the Ontario Building Code to be a Designer.	
8.		qualification information	
7.		Wellington Jno-Baptiste 25591	
6.		name	
5.		signature	
4.		registration information	
3.		VAS Design Inc. 42658	
2. UPDATE TO CODE		APR 16-15	RC
1. ISSUE FOR CLIENT REVIEW		MAY 07-14	RC
no.	description	date	by

VA3
DESIGN

300A Wilson Avenue
Toronto ON M5H 1S8
t 416.630.2255 f 416.630.4782
va3design.com

BAYVIEW WELLINGTON

project name
GREEN VALLEY ESTATES

drawn by
RC

checked by
-

scale
3/16" = 1'-0"

date
APR 2014

CONST NOTE

project no.
13045

drawing no.
CN8

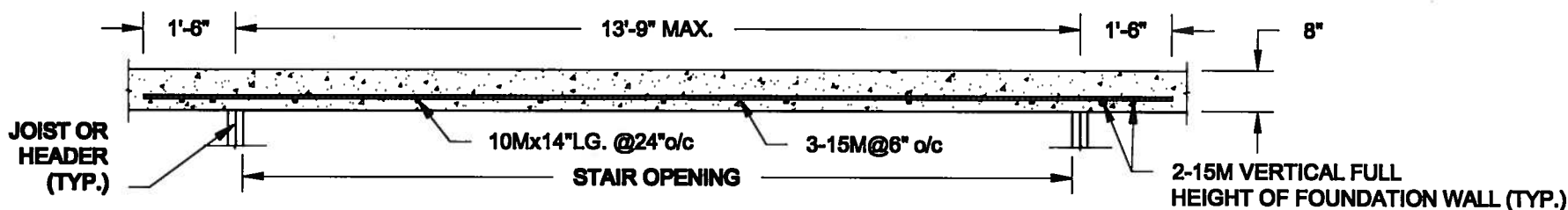
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CONSTRUCTION NOTES

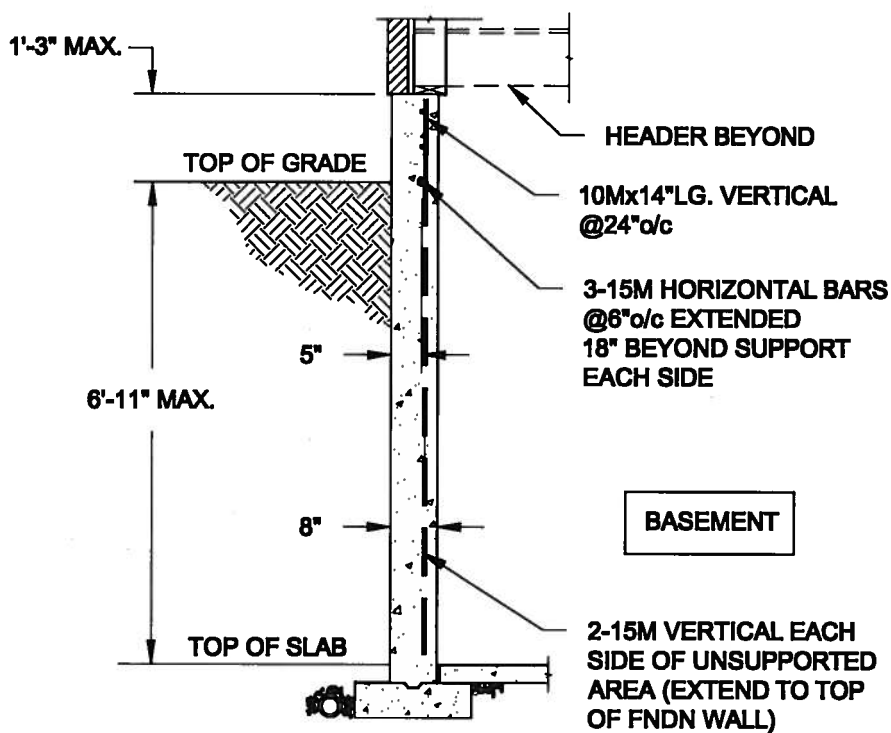
file name
13045-CONST-0BC 2015

Richard - H:\ARCHIVE\WORKING\2013\13045.BW\units\13045-CONST-0BC 2015.dwg - Tue - May 12 2015 - 8:51 AM

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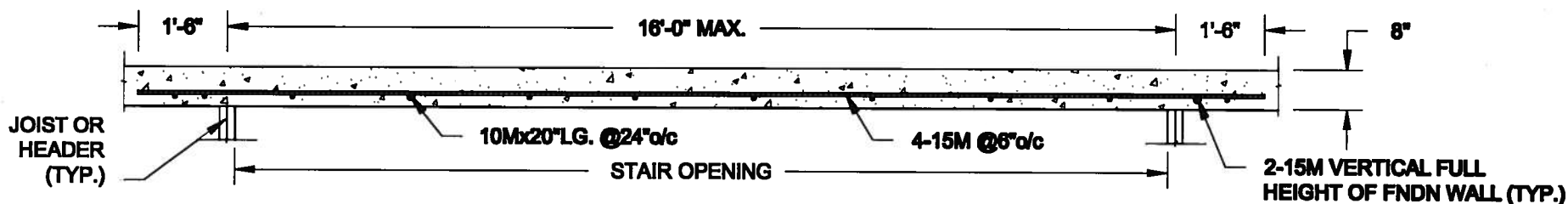
PLAN VIEW
NOT TO SCALE



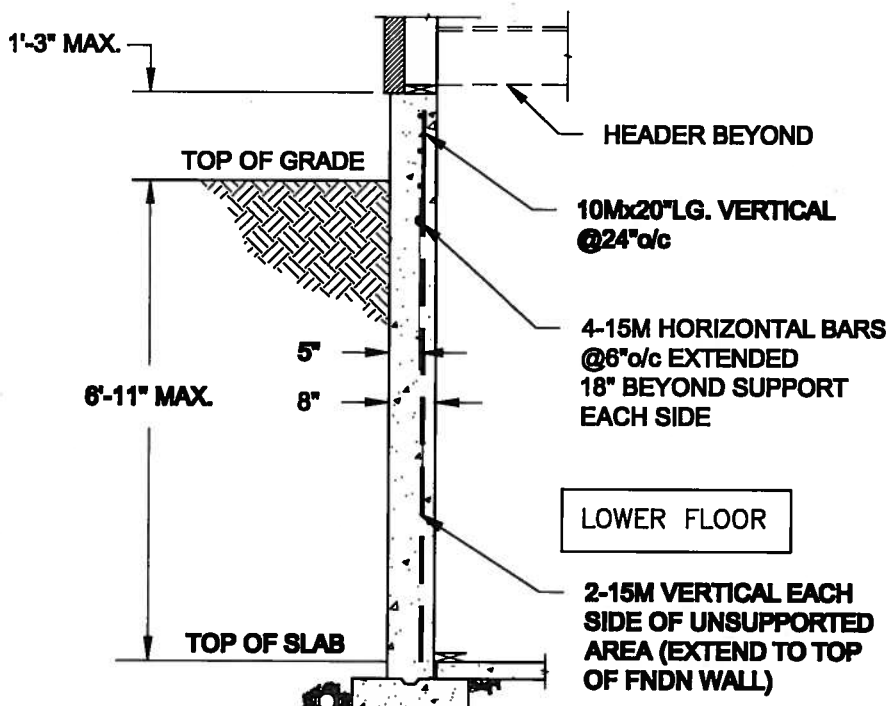
NOTE:

1. CONFORM TO ONTARIO BUILDING CODE, 2012.
2. CONCRETE COMPRESSIVE STRENGTH AT 28 DAYS TO BE 15 MPa. MIN.
3. REINFORCING STEEL TO BE GRADE 400.

1A
S1 **LATERALLY UNSUPPORTED WALL**
SCALE: 3/8" = 1'-0"



PLAN VIEW
NOT TO SCALE



NOTE:

1. CONFORM TO ONTARIO BUILDING CODE, 2012.
2. CONCRETE COMPRESSIVE STRENGTH AT 28 DAYS TO BE 15 MPa. MIN.
3. REINFORCING STEEL TO BE GRADE 400.

1B
S1 **LATERALLY UNSUPPORTED WALL**
SCALE: 3/8" = 1'-0"

Scale:
AS NOTED

Date:
FEB-26-2015

Drawn: 8C
Checked: SJB

QUAILE ENGINEERING LTD.



38 Parkside Drive, UNIT 7
Newmarket, ON
L3Y 8J9
T: 905-853-8547
E: quaile.eng@rogers.com

Engineer's Seal:



APR 24, 2015

Project:

BAYVIEW WELLINGTON HOMES - GREEN VALLEY ESTATES PROJECT
BRADFORD, ONTARIO

TYPICAL STRUCTURAL DETAILS FOR SINGLES

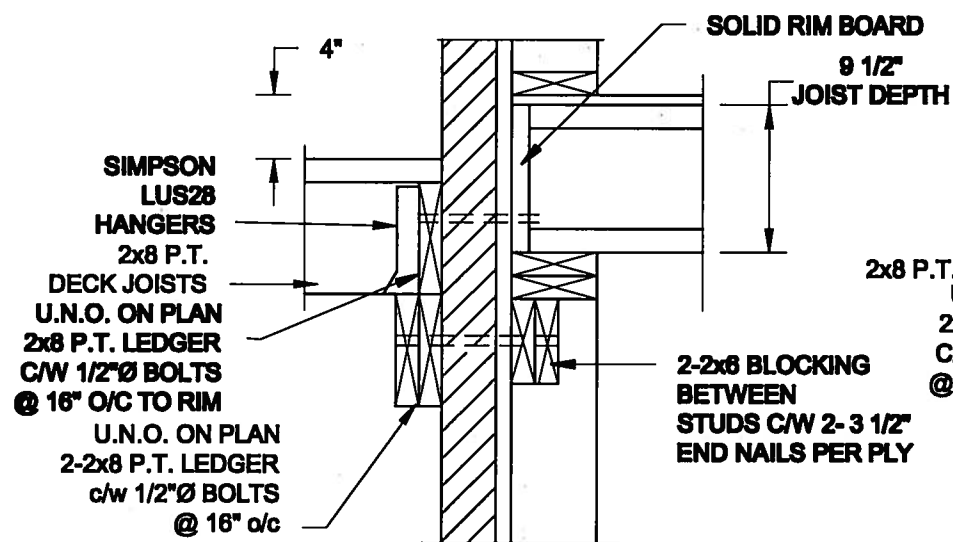
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14-095

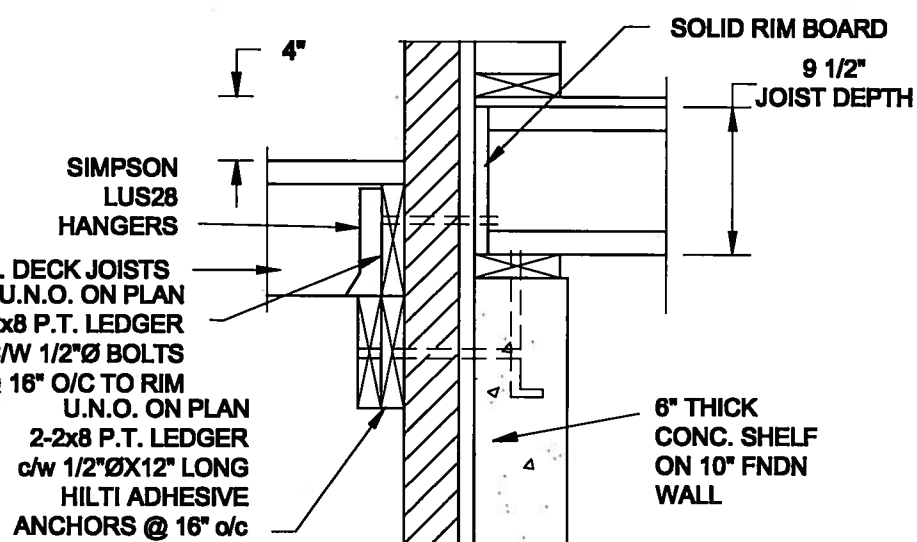
Drawing No.:

S1

FOR 9 1/2" JOIST DEPTH



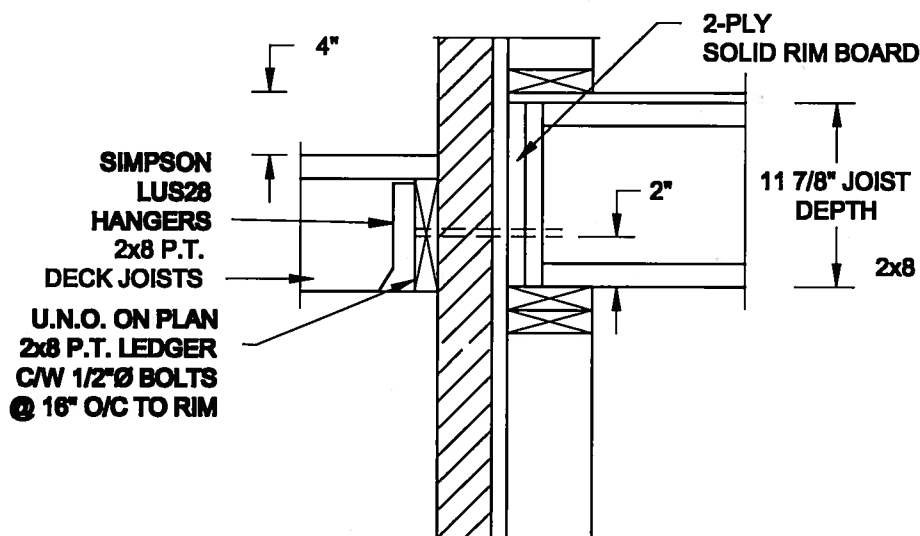
1A
S2 **DECK FASTENING DETAIL**
SCALE: 1" = 1'-0"



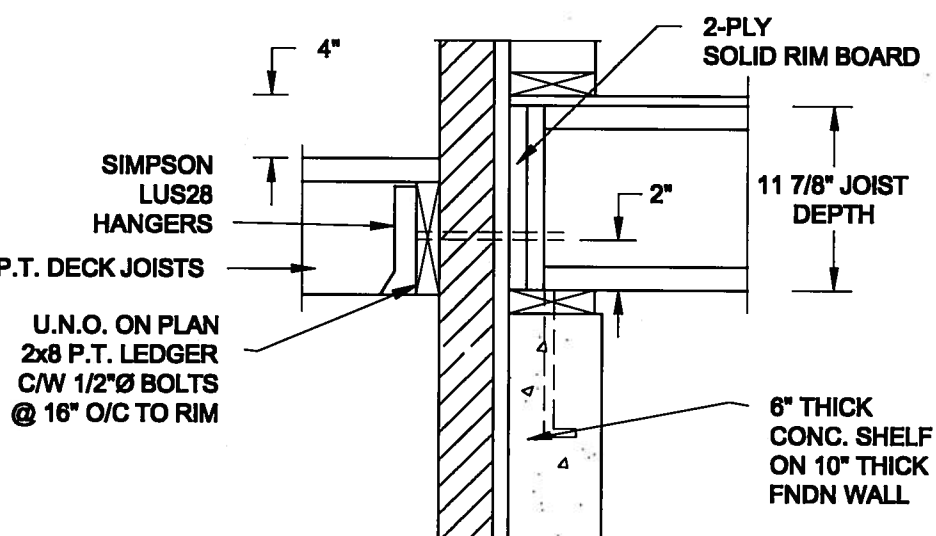
1B
S2 **DECK FASTENING DETAIL**
SCALE: 1" = 1'-0"

- NOTE: 1. WHERE BACKFILL HEIGHT < 4'-7", PROVIDE 2x8 @ 16" o/c KNEEWALL ON 10" THICK CONC FNDN WALL
2. WHERE BACKFILL HEIGHT > 4'-7", PROVIDE 6" CONC SHELF FOR BRICK VENEER ON 10" THICK CONC FNDN WALL
3. FOOTING TO BE 22"x6" THICK UNLESS NOTED OTHERWISE ON PLAN.

FOR 11 7/8" JOIST DEPTH

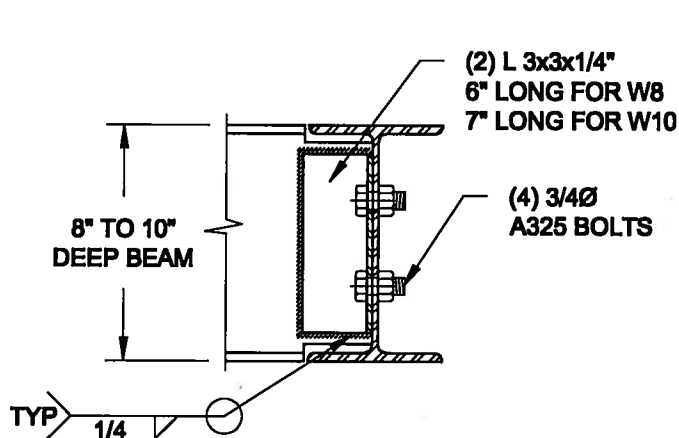


2A
S2 **DECK FASTENING DETAIL**
SCALE: 1" = 1'-0"

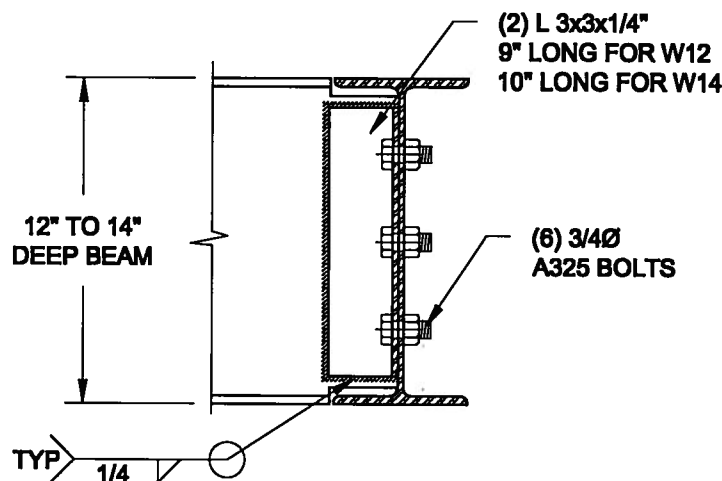


2B
S2 **DECK FASTENING DETAIL**
SCALE: 1" = 1'-0"

- NOTE: 1. WHERE BACKFILL HEIGHT < 4'-7", PROVIDE 2x8 @ 16" o/c KNEEWALL ON 10" THICK CONC FNDN WALL
2. WHERE BACKFILL HEIGHT > 4'-7", PROVIDE 6" CONC SHELF FOR BRICK VENEER ON 10" THICK CONC FNDN WALL
3. FOOTING TO BE 22"x6" THICK UNLESS NOTED OTHERWISE ON PLAN.



NOTE: DETAIL IS APPLICABLE TO W8x40 (W200x59) BEAM MAX AND W10x39 (W250x58) BEAM MAX.



NOTE: DETAIL IS APPLICABLE TO W12x58 (W310x86) BEAM MAX AND W14x48 (W360x72) BEAM MAX.

3
S2 **STEEL BEAM CONNECTION DETAIL**
SCALE: 1-1/2" = 1'-0"

Scale:
AS NOTED

Date:
FEB-28-2015

Drawn:
SC

Checked:
SJB

QUAILE ENGINEERING LTD.



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Newmarket, ON
L3Y 8J9
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Engineer's Seal



APR 24, 2015

Project:

BAYVIEW WELLINGTON HOMES - GREEN VALLEY ESTATES PROJECT
BRADFORD, ONTARIO

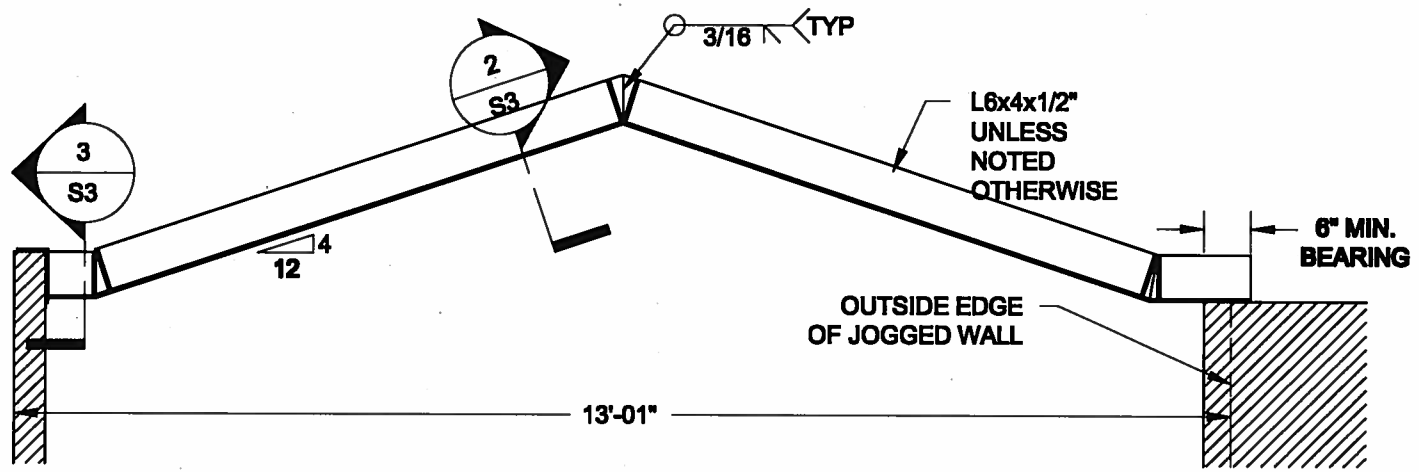
TYPICAL STRUCTURAL DETAILS FOR SINGLES

Project No.:

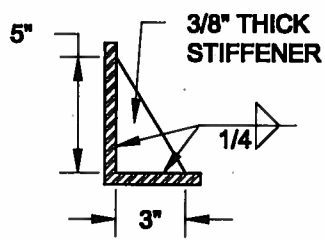
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Drawing No.:

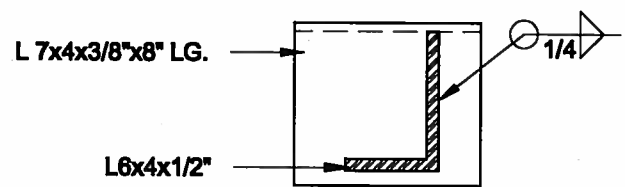
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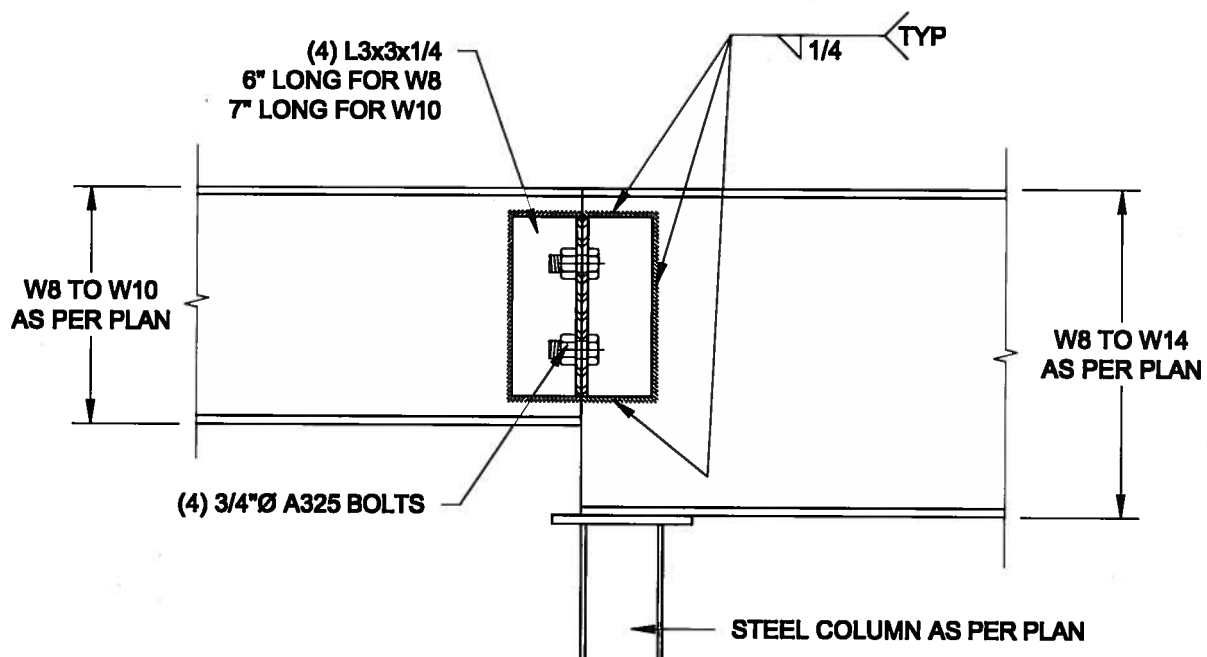
1
S3 **STEEL LINTEL AT GABLE**
SCALE: 1/2" = 1'-0"



2
S3 **TYP. STIFFENER**
SCALE: 1 1/2" = 1'-0"



3
S3 **INVERTED ANGLE**
SCALE: 1 1/2" = 1'-0"



4
S3 **STEEL BEAM CONNECTION**
SCALE: 1 1/2" = 1'-0"

Scale:
AS NOTED

Date:
FEB-20-2015

Drawn:
SC

Checked:
SJB

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APR 24, 2015

Project:

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BRADFORD, ONTARIO

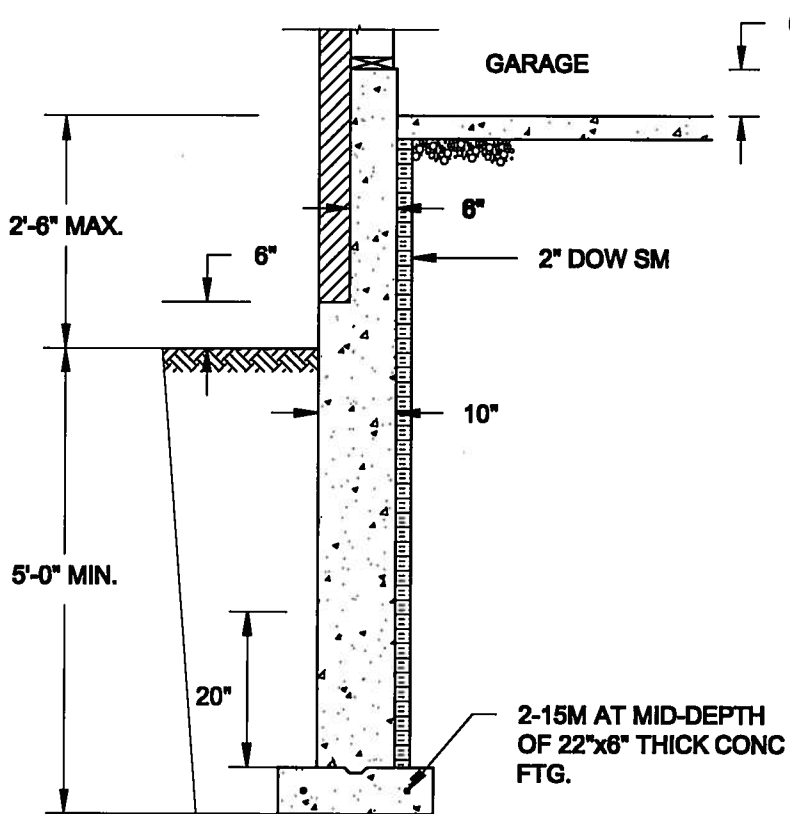
TYPICAL STRUCTURAL DETAILS FOR SINGLES

Project No.:

14-095

Drawing No.:

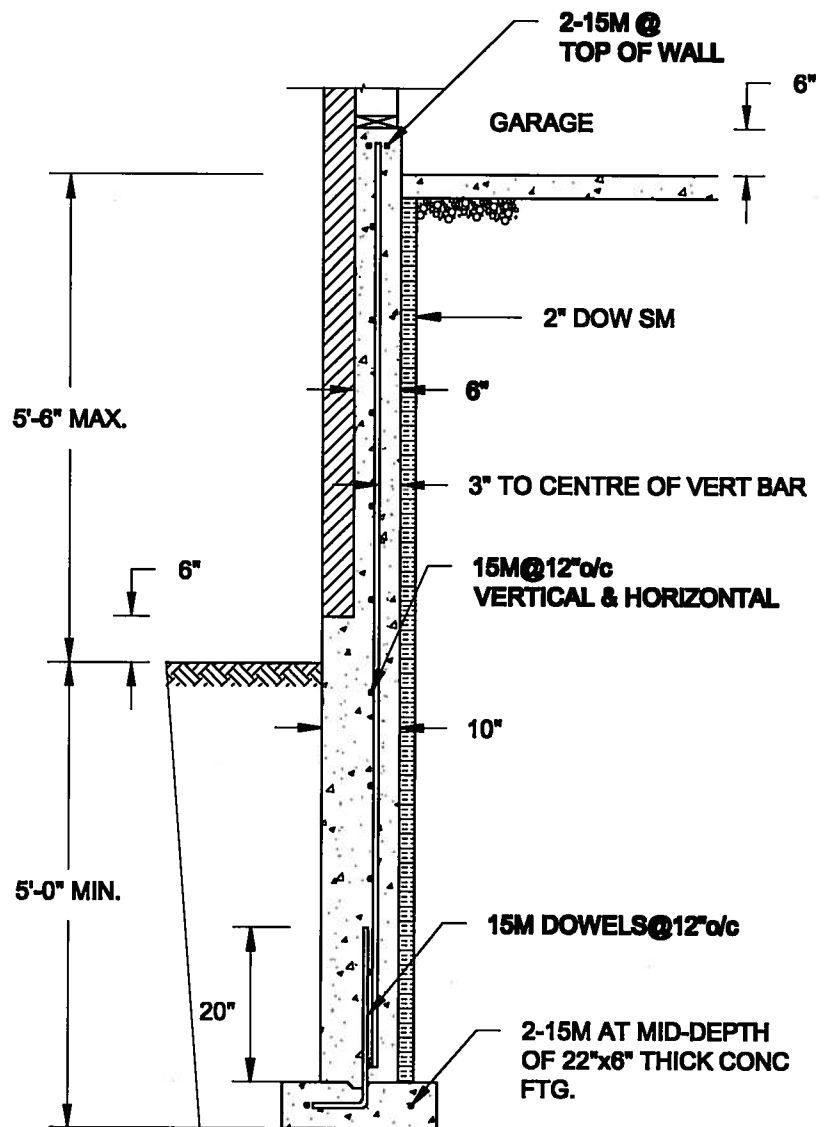
S3



1A
S4 **REINFORCED BRICKSHELF**
SCALE: 1/2" = 1'-0"

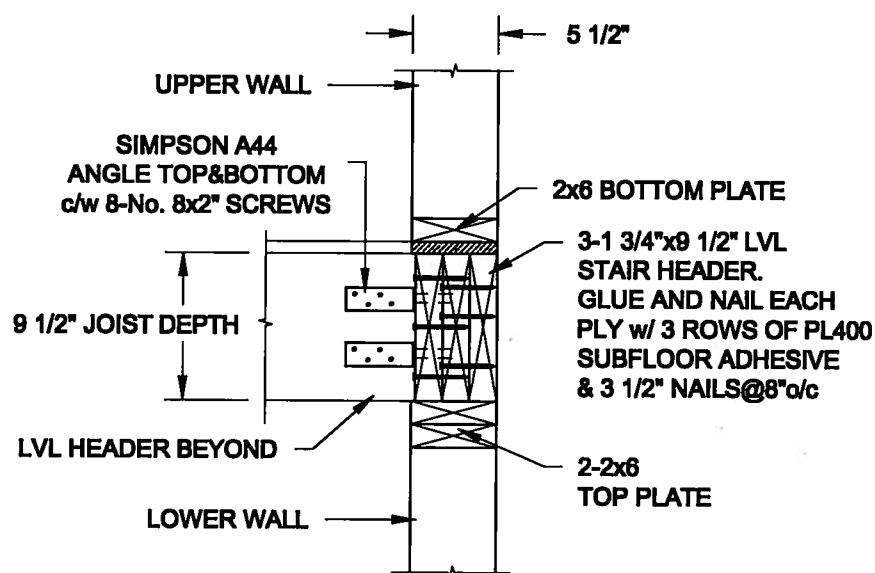
NOTE:

1. CONFORM TO ONTARIO BUILDING CODE, 2012.
2. CONCRETE TO HAVE 28-DAY COMPRESSIVE STRENGTH OF 20 MPa.
3. REINFORCING BARS TO BE GRADE 400 DEFORMED STEEL.
4. PROVIDE 3" COVER TO SOIL MINIMUM.



1B
S4 **REINFORCED BRICKSHELF**
SCALE: 1/2" = 1'-0"

FOR 9 1/2" JOIST DEPTH



2
S4 **STAIR HEADER @ EXTERIOR WALL**
SCALE: 1" = 1'-0"

Scale:
AS NOTED

Date:
JUL-13-2015

Drawn:
SC

Checked:
SJS

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Engineer's Seal



SEPT 28, 2015

Project

BAYVIEW WELLINGTON HOMES - GREEN VALLEY ESTATES PROJECT
BRADFORD, ONTARIO

TYPICAL STRUCTURAL DETAILS FOR SINGLES

Project No.:

14-005

Drawing No.:

84