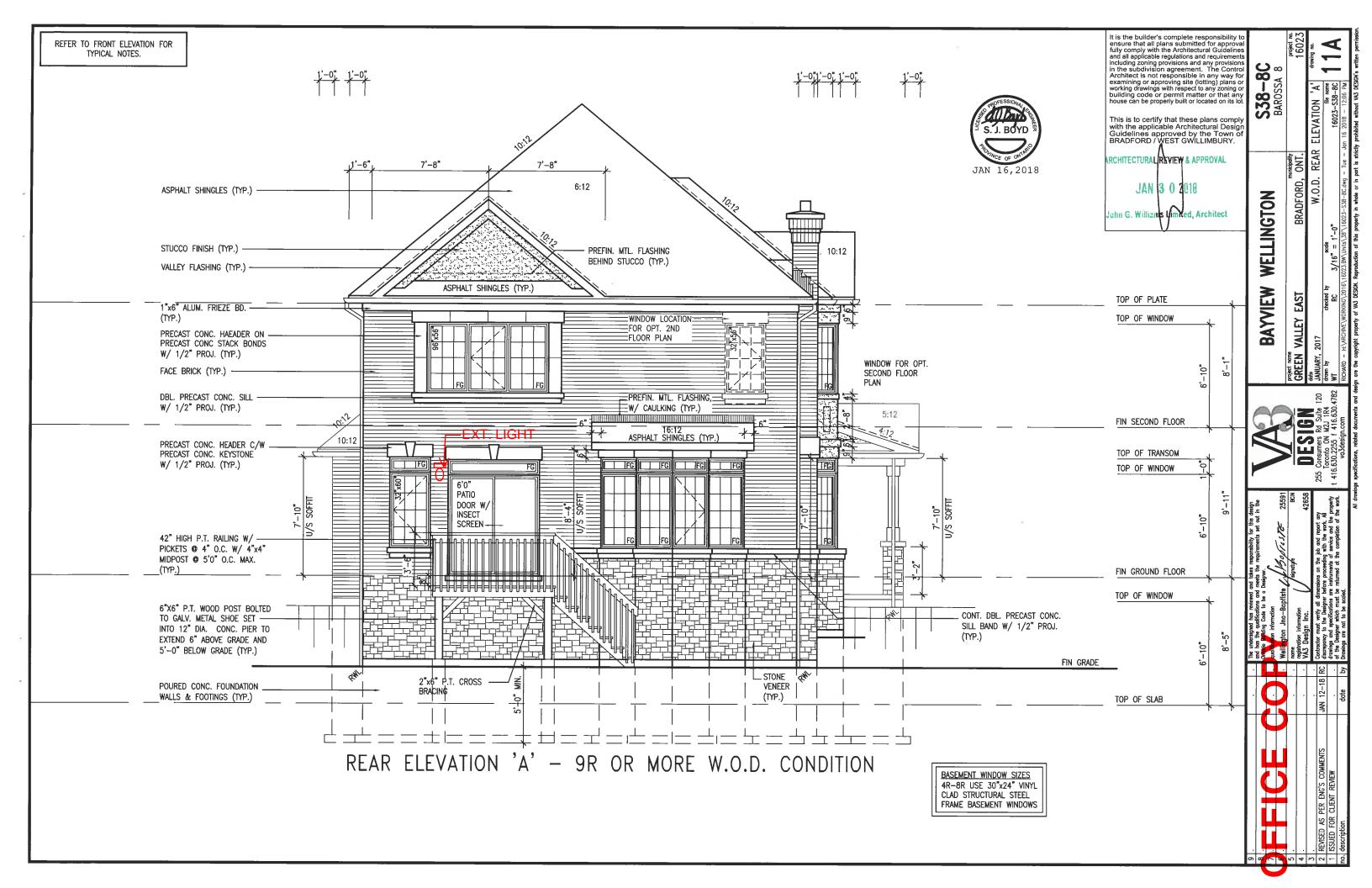
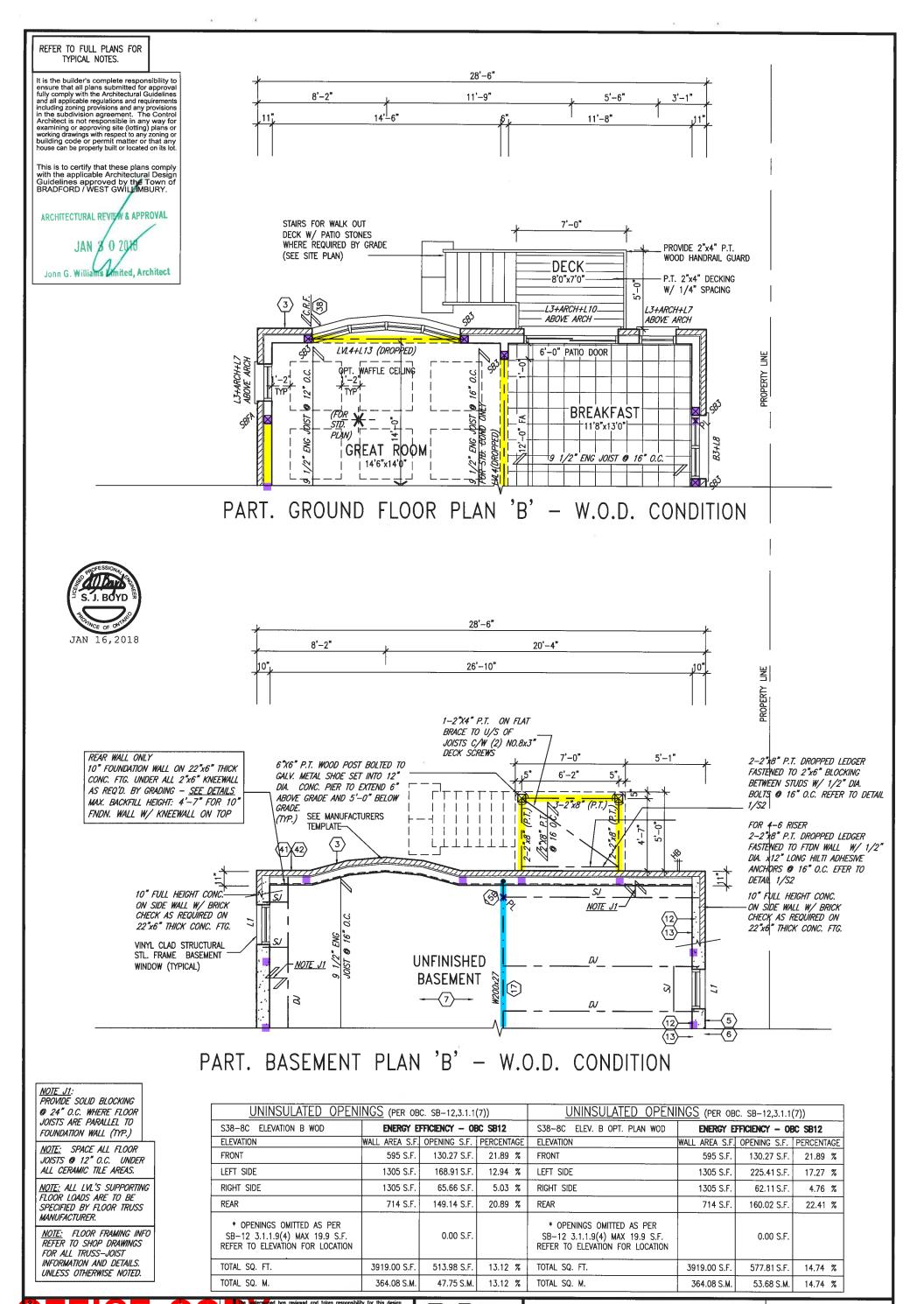


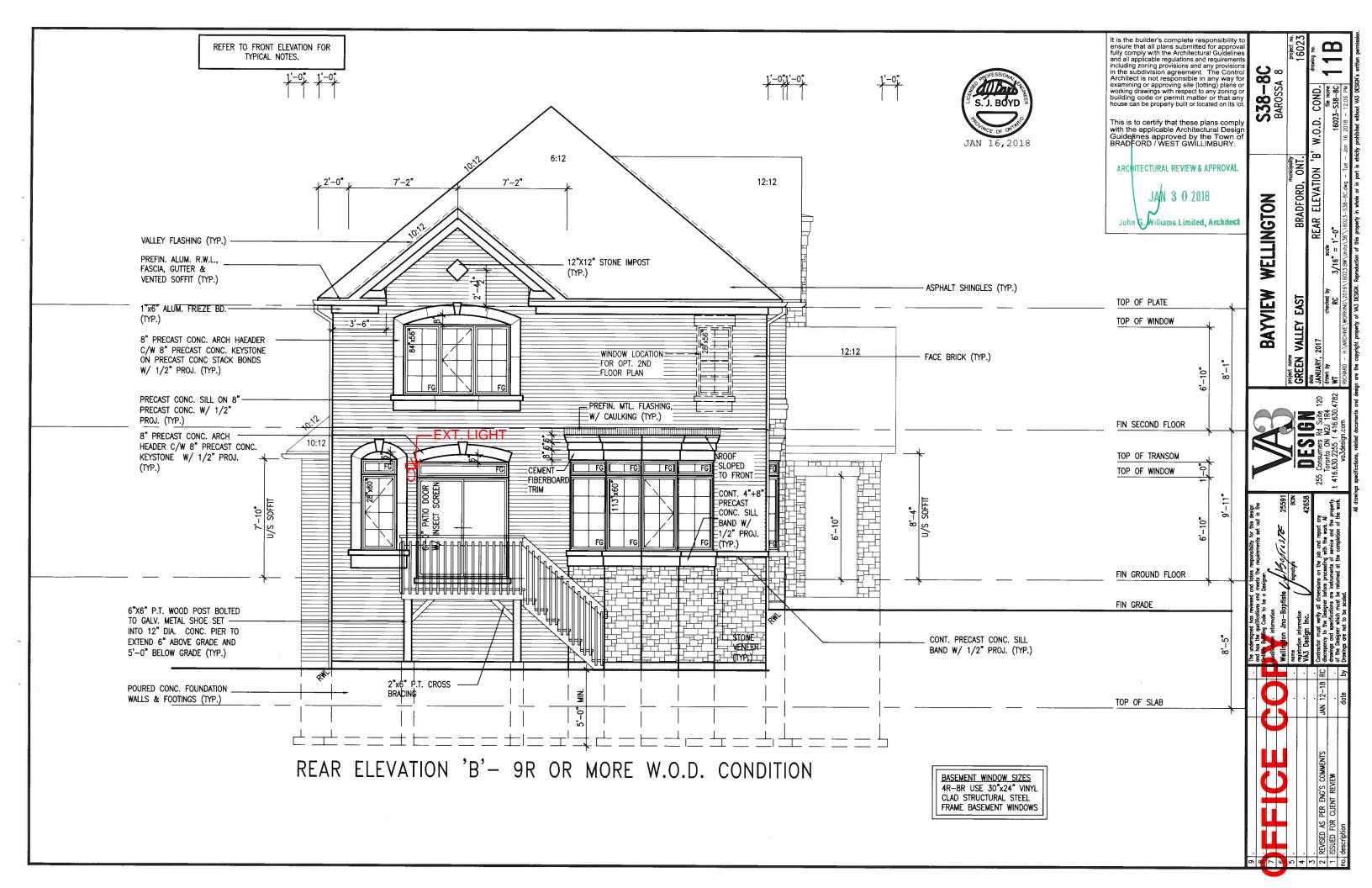
S38-8C **BAYVIEW WELLINGTON** BAROSSA 8 Wellington Jno-Baptiste // 2559 **GREEN VALLEY EAST** BRADFORD, ONT. on information 16023 VA3 Design Inc. 42658 Contractor must verify all dimensions on the job and report any discrepancy to the Designer before proceeding with the work. All drawings and specifications 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. PART. PLANS W.O.D COND. JANUARY, 2017 255 Consumers Rd Suite 120 2 REVISED AS PER ENG'S COMMENTS JAN 12-18 RO Toronto ON M2J 1R4 t 416.630.2255 f 416.630.4782 file name 16023-S38-8C 1 ISSUED FOR CLIENT REVIEW 3/16" = 1'-0" date no. description va3design.com

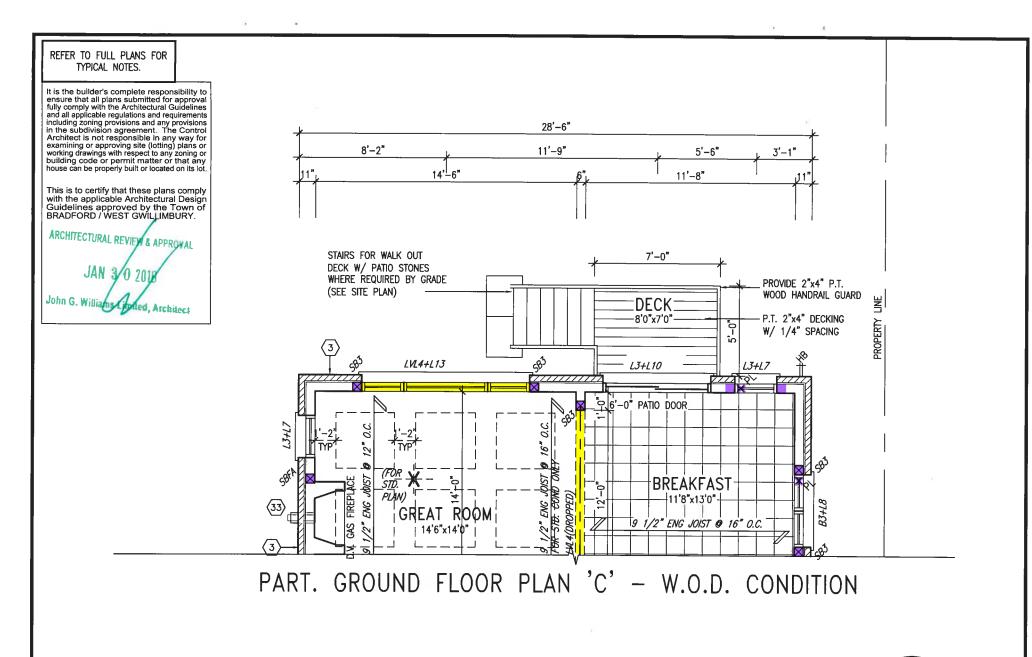
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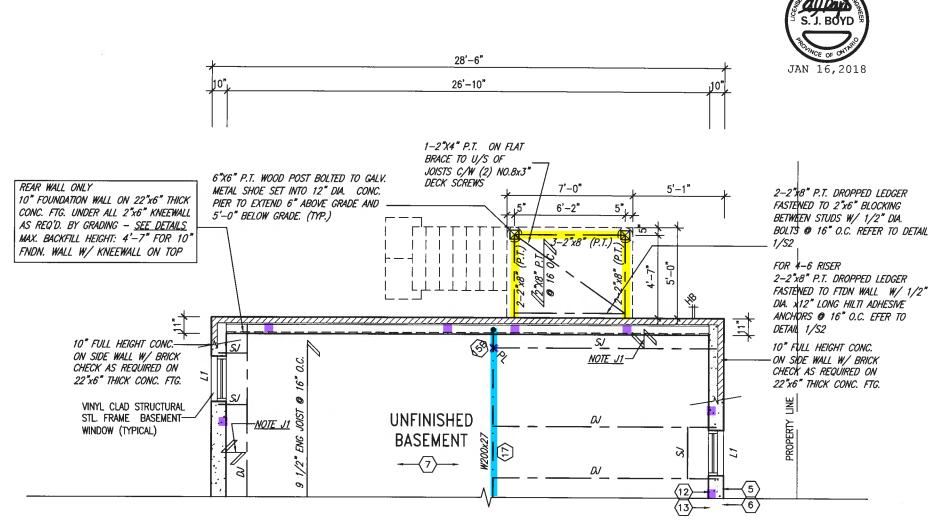




S38-8C **BAYVIEW WELLINGTON** BAROSSA 8 Wellington Jno-Baptiste 25591 **GREEN VALLEY EAST** registration information VA3 Design Inc. BRADFORD, ONT. 16023 42658 Contractor must verify all dimensions on the job and report any discrepancy to the Designer before proceeding with the work. All drawings and 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. PARTI BASEMENT PLAN ELEV. 'B' WOD COND 255 Consumers Rd Suite 120 Toronto ON M2J 1R4 JANUARY, 2017 2 REVISED AS PER ENG'S COMMENTS JAN 12-18 RC 3/16" = 1'-0" 1 ISSUED FOR CLIENT REVIEW t 416.630.2255 f 416.630.4782 16023-S38-8C no. description date by va3design.com RICHARD - H:\ARCHIVE\WORKING\2016\16023.BW\Units\38\16023 Jan 16 2018 - 12:06 PM All drawings specifications, related documents and design are the copyright property of VA3 DESIGN. Reproduction of this property in whole or in part is strictly prohibited without VA3 DESIGN's written permit







PART. BASEMENT PLAN 'C' - W.O.D. CONDITION

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

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

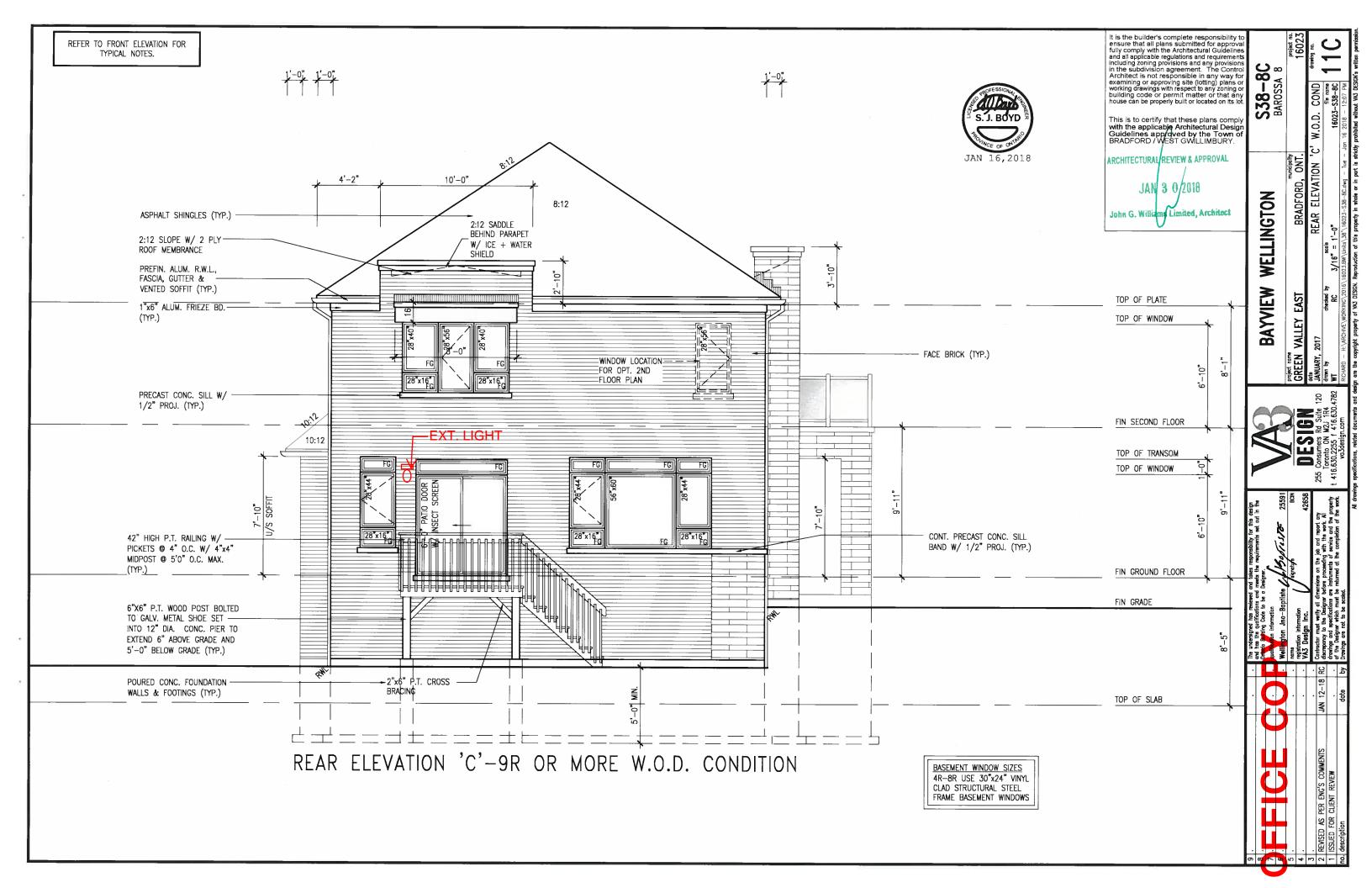
NOTE: ALL LVL'S SUPPORTING
FLOOR LOADS ARE TO BE
SPECIFIED BY FLOOR TRUSS

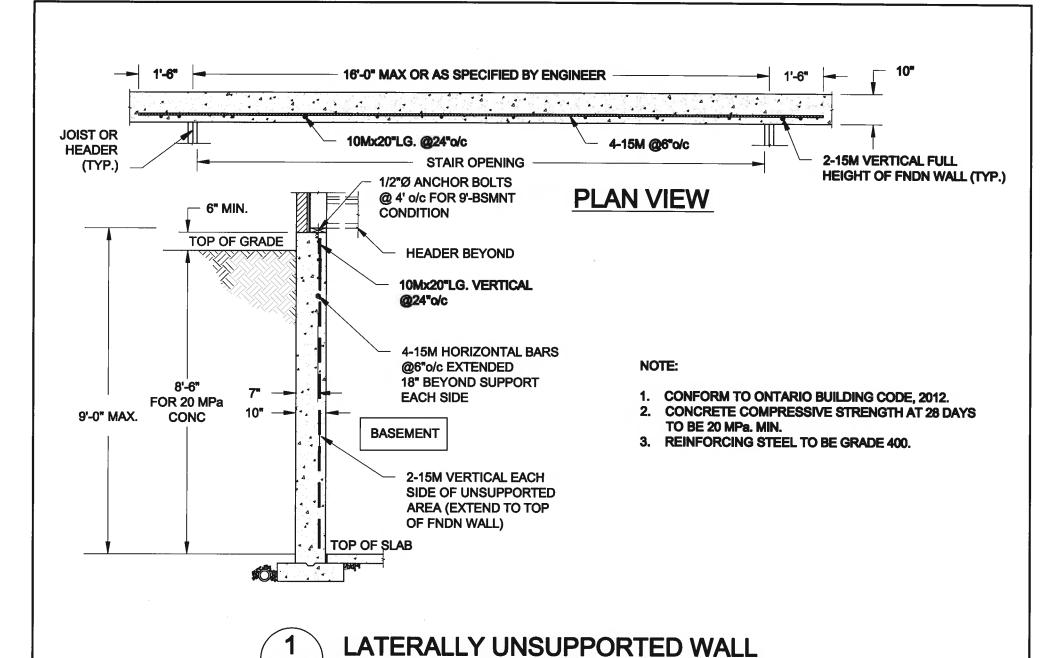
NOTE: FLOOR FRAMING INFO REFER TO SHOP DRAWINGS FOR ALL TRUSS—JOIST INFORMATION AND DETAILS. UNLESS OTHERWISE NOTED.

MANUFACTURER.

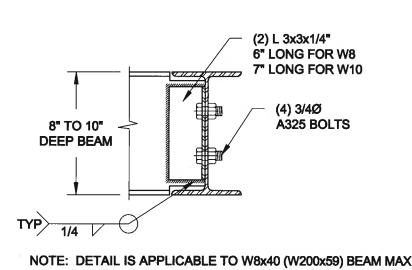
<u>UNINSULATED</u> OPEN	INGS (PER OB	C. SB-12,3.1.1	UNINSULATED OPENINGS (PER OBC. SB-12,3.1.1(7))				
S38-8C ELEVATION C WOD	ENERGY EFFICIENCY - OBC SB12			S38-8C ELEV. C OPT. PLAN WOD	ENERGY EFFICIENCY - OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE	ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	617 S.F.	145.50 S.F.	23.58 %	FRONT	617 S.F.	145.50 S.F.	23.58 %
LEFT SIDE	1250 S.F.	275.80 S.F.	22.06 %	LEFT SIDE	1250 S.F.	257.30 S.F.	20.58 %
RIGHT SIDE	1250 S.F.	62.33 S.F.	4.99 %	RIGHT SIDE 11	1250 S.F.	62.11 S.F.	4.97 %
REAR	714 S.F.	148.66 S.F.	20.82 %	REAR	714 S.F.	159.55 S.F.	22.35 %
* OPENINGS OMITTED AS PER SB-12 3.1.1.9(4) MAX 19.9 S.F. REFER TO ELEVATION FOR LOCATION		0.00 S.F.		* OPENINGS OMITTED AS PER SB-12 3.1.1.9(4) MAX 19.9 S.F. REFER TO ELEVATION FOR LOCATION		0.00 S.F.	
TOTAL SQ. FT.	3831.00 S.F.	632.29 S.F.	16.50 %	TOTAL SQ. FT.	3831.00 S.F.	624.46 S.F.	16.30 %
TOTAL SQ. M.	355.91 S.M.	58.74 S.M.	16.50 %	TOTAL SQ. M.	355.91 S.M.	58.01 S.M.	16.30 %

3FFICE	CO		the Understand has reviewed and takes responsibility for this design and the de qualifications and meets the requirements set out in the ontario building Code to be a Designer. qualification information Wellington Jno-Baptiste Association 25591	VAR	BAYVIEW	WELLINGTON	S38-8C BAROSSA 8
5 .			registration information VA3 Design Inc. /signature BCIN 42658	DESIGN	GREEN VALLEY EAST	BRADFORD, ONT.	project n 1602
REVISED AS PER ENG'S COMMENTS ISSUED FOR CLIENT REVIEW no. description	JAN 12-18		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 seeded.	255 Consumers Rd Suite 120 Toronto ON M2J 1R4 t 416.630.2255 f 416.630.4782 va3design.com		PARTIAL PLANS ELEV. '(scale 3/16" = 1'-0" 6\16023.BW\Units\38\\16023-S38-BC.dwq - Tue -	file name 16023-S38-8C 10C
		-7				N. Reproduction of this property in whole or in part is stric	

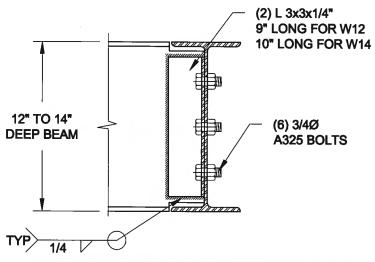




SCALE: 3/8" = 1'-0"

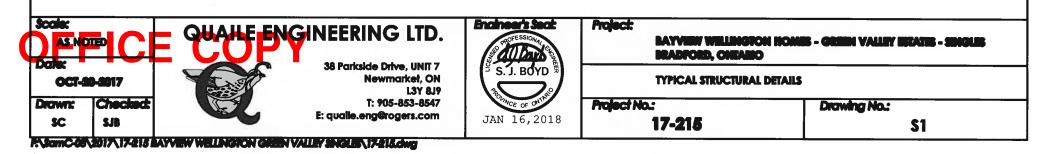


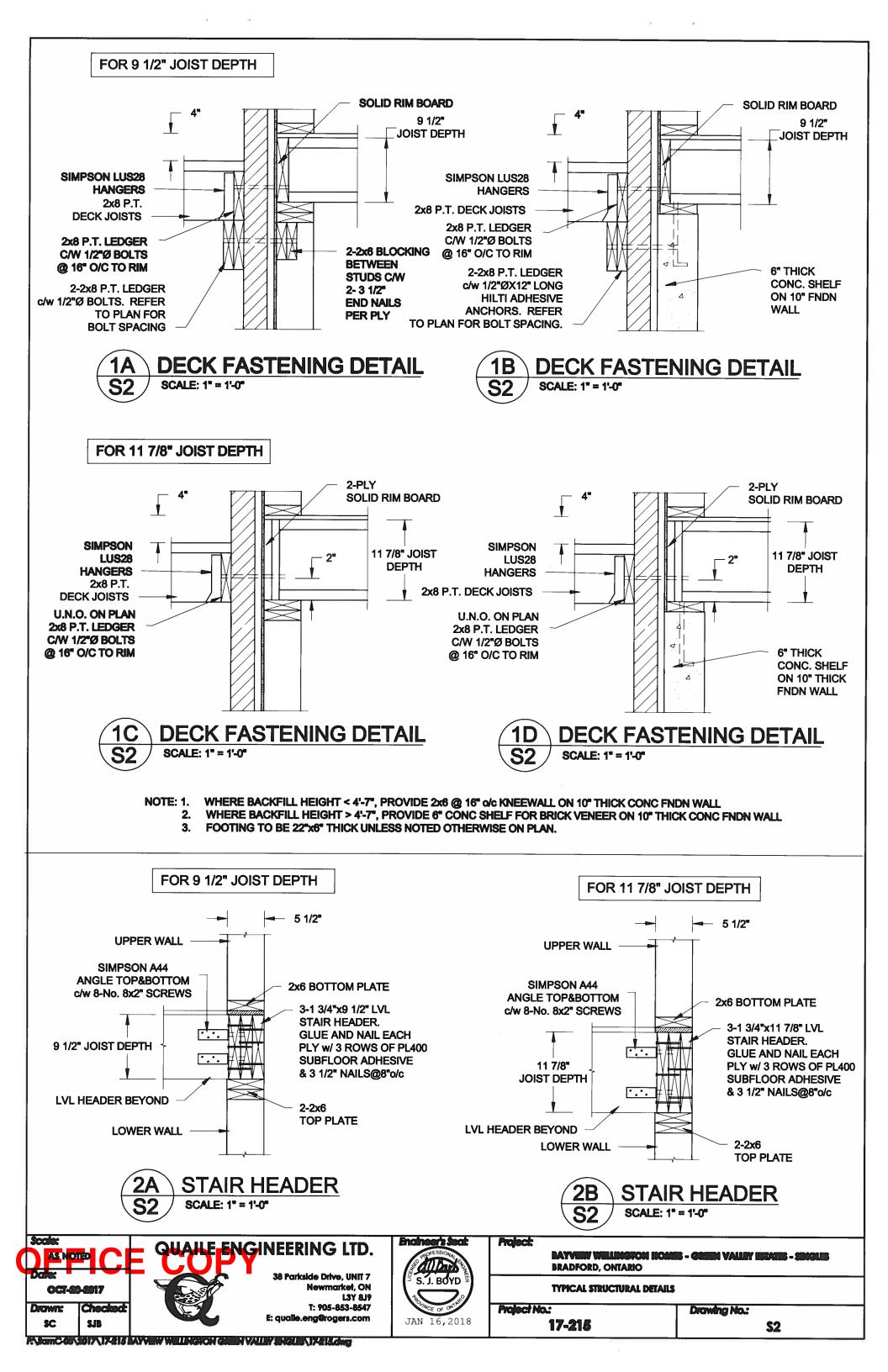
AND W10x39 (W250x58) BEAM MAX.



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







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 (6") c/c ALONG EGGES & 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.).

FRAME WALL CONSTRUCTION (2"x6") (SB-12-TABLE 3.1.1.2.A)
SIDING AS PER ELEV., 19x38 (1"x2") VERTICAL WOOD FURRING,
CONTIN. SHEATHING MEMBRANE, 9.5mm (3/8") EXT. TYPE SHEATHING,
38x1 40 (2"x4") STUDS @ 400mm (16") O.C., RS1 3.87 (R22) INSULATION
AND APPR. VAPOUR BARRIER AND APPR. CONTIN. AIR BARRIER.
13mm (1/2") INT. DRYWALL FINISH. SIDING TO BE MIN. 200mm (8")
AROVE FINISH GRADE PEFER TO OR CS. R.1.2 (144)FER 3.FOP ABOVE FINISH GRADE, REFER TO OBC SB-12, CHAPTER 3 FOR ADDITIONAL THERMAL INSULATION REQUIREMENTS.

(2B) FRAME WALL CONSTRUCTION (2"x4")— GARAGE WALLS SIDING AS PER ELEV., 19x38 (1"x2") VERTICAL WOOD FURRING, CONTIN, SHEATHING MEMBRANE, 9.5mm (3/6") 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

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 NOMM 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.

WALLS ADJACENT TO ATTIC SPACE - NO CLADDING 9.5mm (3/8") EXT. TYPE SHEATHING, 38x1 40 (2"x6") STUDS @ 4 [16"] O.C., RSI 3.87 (R22) 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, CHAPTER 3 FOR ADDITIONAL THERMAL INSULATION REQUIREMENTS.

BRICK VENEER CONSTRUCTION (2"x6") (SB-12-TABLE 3.1.1.2.A)
90mm (4") FACE BRICK, 25mm (1") AIR SPACE, 22x180x0.76mm
(78"x7"x0.03") GALV. METAL ITES @ 400mm (16") O.C. HORIZONTAL
600mm (24") O.C. VERTICAL. APPROVED SHEATHING PAPER, 9.5mm 600mm (24") O.C. VERTICAL. APPROVED SHEATHING PAPER, 9.5mm (16")

O.C., RSI 3.87 (R22) 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, CHAPTER 3 FOR ADDITIONAL THERMAL INSULATION REQUIREMENTS.

BEICH TO BE AIM. 150mm (6") ABOVE BINISH GRADE BRICK TO BE MIN. 150mm (6") ABOVE FINISH GRADE

(3A.) RESERVED



BRICK VENEER CONSTRUCTION (2"x4")— GARAGE WALLS 90mm (4") FACE BRICK, 25mm (1") AIR SPACE, 22x180x0.76mm (7/8'x7'x0.03") GALV. METAL TIES @ 400mm (16") O.C. HORIZONTAL 600mm (24") O.C. VERTICAL. APPR. 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.

STUCCO WALL CONSTRUCTION (2"x8") (SB-12-TABLE 3.1.1.2.A)
STUCCO CLADDING SYSTEM CONFORMING TO O.B.C. 9.27.1.1.(2) &
9.28 THAT EMPLOYS 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., RSI 3.267(R22) INSULATION, APPROVED VAPOUR BARRIER, 13mm (1/2") GYPSUM WALLBOARD INTERIOR FINISH, REFER TO OBC SB-12, CHAPTER 3 FOR ADDITIONAL THERMAL INSULATION REQUIREMENTS. STUCCO TO BE MIN. 200 (8") ABOVE FINISH GRADE.

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

FOUNDATION WALL/FOOTINGS: (9.15.3. 9.15.4. 9.13.2. 9.14.2.1.(2))
250mm (10") POURED CONC. FOTN. WALL 30MPG (4350ps)) WITH
BITUMENOUS DAMPPROOFING AND DRAINAGE LAYER. DRAINAGE
LAYER REQ"D. WHEN BASEMENT INSUL. EXTENDS 900 (2"-11") BELOW
FIN. GRADE. DRAINAGE LAYER IS NOT REQ"D. WHEN FOTN. WALL IS WATERPROOFED. MAXIMUM POUR HEIGHT 2820 (9°-3") ON 560x155 (22°x6") CONTINUOUS KEYED CONC. FTG. BRACE FOTH. WALL PRIOR TO BACKFLUNG. ALL FOOTINGS SHALL REST ON NATURAL UNDISTURBED SOIL OR COMPACTED ENGINEERED FILL, WITH MIN. BEARING CAPACITY OF 150kPg OR GREATER. IF SOIL BEARING DOES NOT MEET MINIMUM CAPACITY, ENGINEERED FOOTINGS ARE

REQUIRED.

STOREYS SUPPORTED | W/ MASONRY VENEER | W/ SIDING ONLY

1 | 18" WIDE x 6" DEEP | 18" WIDE x 6" DEEP
2 | 22" WIDE x 6" DEEP | 22" WIDE x 6" DEEP
3 | 28" WIDE x 9" DEEP | 22" WIDE x 6" DEEP

-SEE OBC 9.15.3.
-MAXIMUM FLOOR LIVE LOAD OF 2.4kPa. (50psf.) PER FLOOR, AND MAX. LENGTH OF SUPPORTED FLOOR JOISTS IS 4.9m (16'-1"). -REFER TO SOILS REPORT FOR SOIL CONDITIONS AND BEARING

STRIP FOOTING SUPPORTING EXTERIOR WALLS (FOR W.O.B.)
-ASSUMING MASONRY VENEER CONSTRUCTION, MAX. FLOOR LIVE LOAD OF 2 4kPg. (50psf.) PER FLOOR, AND MAX LENGTH OF SUPPORTED FLOOR JOISTS IS 4.9m (16'-1"). THE STRIP FOOTING SIZE IS AS FOLLOWS: 2 STOREY WITH WALK-OUT BASEMENT 545x175 (22"x7")

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

BASEMENT SLAB OBC. 9.3.1.6.(1)(b). 9.16.4.5.(1). 9.25.3.3.(15)
80mm (3")MIN. 25MPa (3400psi) CONC. SLAB ON 100mm (4")
COARSE GRANULAR FILL, OR 20MPa. (3000psi) CONC. WITH
DAMPPROOFING BELOW SLAB. UNDER SLAB INSULATION PER SB-12. ALL SLAB JOINTS & PENETRATIONS TO BE CAULKED.

EXPOSED FLOOR TO EXTERIOR (SB-12-TABLE 3.1.1.2.A)
PROVIDE RSI 5.46 (R31) INSULATION, APPROVED VAPOUR BARRIER AND CONTINUOUS AIR BARRIER, FINISHED SOFFIT.

1 ISSUE FOR CLIENT REVIEW

no. description

ATTIC INSULATION (SB-12-TABLE 3.1.1.2.A) (SB-12-3.1.1.8) RSI 10.56 (R60) 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 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") = 210 (8-1/4") = 235 (9-1/4") MIN. RUN MIN. TREAD MAX. NOSING MIN. HEADROOM = 25 (1") = 1950 (6'-5") RAIL @ LANDING = 900 (2'-11" RAIL @ STAIR = 865 (2'-10") to 965 (3'-2") MIN. STAIR WIDTH = 860 (2'-10")

MAX. RISE

FOR CURVED STAIRS
MIN. RUN
MIN. AVG. RUN

HANDRAILS — OBC. 9.8.7.—
FINISHED RAILING ON PICKETS SPACED MAXIMUM 100mm (4")
BETIMEEN PICKETS. CLEARANCE BETIMEEN HANDRAIL AND SURFACE
BEHIND IT TO BE 50 (2") MIN. HANDRAILS TO BE CONTINUOUS

37) EXCEPT FOR NEWEL POST AT CHANGES OF DIRECTION . 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").

SILL PLATE — OBC. 9.23.7,
38x89 (2'X4") SILL PLATE WITH 13mm (1/2") DIA. ANCHOR BOLTS
200mm (8") LONG, EMBEDDED MIN. 10mm (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.

BASEMENT INSULATION (58–12–3.1.1.7). 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. RSI3.52ci (R20ci) BLANKET INSULATION TO HAVE APPROVED VAPOUR BARRIER, RECOMMEND DAMPPROOF WITH BUILDING PAPER BETWEEN THE FOUNDATION WALL AND INSULATION UP TO GRADE LEVEL. NOTE: FULL HEIGHT INSULATION AT COLD CELLAR WALLS, AIR BARRIER TO BE SEALED TO FOUNDATION WALL WITH CAULKING, CONTINUOUS INSULATION (ci) IS NOT TO BE INTERRUPTED BY FRAMING.

BEARING STUD PARTITION

38x89 (2"x4") STUDS @ 400mm (16") O.C. 38x89 (2"x4") SILL PLATE ON DAMPPROOFING MATERIAL, 13mm (1/2") DIA. ANCHOR BOLTS

200mm (8") LONG, EMBEDDED MIN, 100mm (4") INTO CONC. @

2400mm (7'-10") O.C. 100mm (4") HIGH CONC. CURB ON 350x155

[14"x6"] CONC. FOOTING. ADD HORIZ, BLOCKING AT MID-HEIGHT IF WALL IS UNFINISHED.

STEEL BASEMENT COLUMN (SEE O.B.C. 9.15.3.3) 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/CGSB-7.2-94, AND WITH 150x150x9.5 (6"x6"x3/8") STL. PLATE TOP & BOTTOM. 870x870x410 (34"x34"x16") CONC. FOOTING ON UNDISTURBED SOIL OR ENGINEERED FILL CAPABLE OF SUSTAINING PRESSURE OF 150 Kpg. MINIMUM AND AS PER SOILS REPORT.

STEEL BASEMENT COLUMN (SEE O.B.C. 9.15.3.3)
89mm(3-1/2") DIA x 4.78mm(1.188) FIXED STL. COL. WITH 150x150x9.5
(6x%5x)87 STL. TOP & BOTTOM PLATE ON 1070x1070x460
(42"x42"x18"). CONC. FOOTING ON UNDISTURBED SOIL OR ENGINEERED FILL CAPABLE OF SUSTAINING A PRESSURE OF 150 Kpg MIN. AND AS PER SOILS REPORT.

STEEL COLUMN 90mm(3-1/2") DIA x 4.78mm(.188) NON-ADJUSTABLE STL. COL. TO BE ON 150x150x2.5 (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")

19x64 (1"x3") CONTINUOUS WOOD STRAPPING BOTH SIDES OF STEEL

(8) GARAGE SLAB
100mm (4") 32MPa (4640psi) CONC. SLAB WITH 5-8% AIR
ENTRAINMENT ON OPT. 100 (4") COARSE GRANULAR FILL WITH COMPACTED SUB-BASE OR COMPACTED NATIVE FILL

GARAGE CEILINGS/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. WALLS (R22), CEILINGS (R31). REFER TO SB-12, TABLE 3.1.1.2.A. FOR REQUIRED THERMAL INSULATION.

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

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.

DRYER EXHAUST (OBC-6.2.3.8.(7) & 6.2.4.11.)
CAPPED DRYER EXHAUST VENTED TO EXTERIOR. (USE 100mm (4") DIA. SMOOTH WALL VENT PIPE)

INSULATED ATTIC ACCESS (OBC-9.19.2.1. & SB12-3.1.1.8)
ATTIC ACCESS HATCH WITH MIN. DIMENSION OF 545x610mm (21 1/2'X24") & A MIN. AREA OF 0.32 SQ.M. (3.44 SQ.FT.) WITH WEATHERSTRIPPING. RSI 3.52 (R20) RIGID INSUL. BACKING.

FIREPLACE CHIMNEYS OBC. 9.21.

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

DISTANCE OF 3050mm (10'-0") FROM THE CHIMNEY. (25.) LINEN CLOSET, 4 SHELVES MIN. 350mm (14") DEEP.

MECHANICAL EXHAUST FAN, VENTED TO EXTERIOR AS REQUIRED BY

STEEL BEARING PLATE FOR MASONRY WALLS 280x280x16 (11"x11"x5/8") STL. PLATE FOR STL BEAMS AND 280x280x12 (11"x11"x1/2") STL. PLATE FOR WOOD BEAMS BEARING ON CONC. BLOCK PARTYWALL, ANCHORED WITH 2-19mm (3/4") x 200mm (8") LONG GALV, ANCHORS WITHIN SOLID BLOCK COURSE. LEVEL WITH NON-SHRINK GROUT.

OR
SOLID WOOD BEARING FOR WOOD STUD WALLS
SOLID BEARING TO BE AT LEAST AS WIDE AS THE SUPPORTED MEMBER. SOLID WOOD BEARING COMPRISED OF BUILT-UP WOOD

STUDS TO BE CONSTRUCTED IN ACCORDANCE WITH OBC RESERVED

BEARING WOOD POST (BASEMENT) (OBC 9.17.4.)
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.

MIN. HORIZ. STEP = 600mm (24") MAX. VERT. STEP = 600mm (24")

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) WITH 5-8% AIR ENTRAINMENT ON COMPACTED SUB-GRADE, WHERE REQUIRED, REFER TO OBC SB-12, TABLE

3.1.1.2.A. FOR REQUIRED MINIMUM INSULATION UNDER SLAB.

DIRECT VENTING GAS FURNACE / H.W.T VENT

DIRECT VENT FURNACE TERMINAL MIN. 900mm (36") FROM A 1 (36") FROM A GAS REGULATOR. MIN. 300mm (12") ABOVE FIN. GRADE, FROM ALL OPENINGS, EXHAUST AND INTAKE VENTS. HRV INTAKE TO BE A MIN OF 1830mm (6'-0") FROM ALL EXHAUST TERMINALS. REFER TO GAS UTILIZATION CODE.

DIRECT 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.

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.*)
FLOOR JOISTS WITH SPANS OVER 2100mm (6'-11") TO BE BRIDGED WITH 38x38 (2"x2") CROSS BRACING OR SOLID BLOCKING @ 2100mm (6'-11") O.C. MAX. AND WHERE SPECIFIED BY JOIST TABLES A-1 OR A-2 STRAPPING SHALL BE 19x44 (1"x3") @ 2100mm (6'-11") O.C. UNLESS A PANEL TYPE CEILING FINISH IS APPLIED.

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.

COLD CELLAR PORCH SLAB (OBC 9.39.)
FOR MAX. 2500mm (8-2") PORCH DEPTH (SHORTEST DIM.),
125mm (5") 32Mpa (4640psi) CONC. SLAB WITH 5-8% AIR
ENTRAINMENT. REINF. WITH 10M BARS @ 200mm (7.78") O.C.
EACH WAY IN BOTTOM THIRD OF SLAB, MIN. 30mm (1.11/4") COVER, 600x600 (23 5/8"x23 5/8") 10M DOWELS @ 600mm (23 5/8") O.C., ANCHORED IN PERIMETER FOTH, WALLS, SLOPE SLAB MIN, 1.0% FROM HOUSE WALL, SLAB TO HAVE MIN, 75mm (3") BEARING ON FOTH, WALLS, PROVIDE (L7) LINTEL OVER CELLAR

DOOR WITH 100mm (4") END BEARING.
THE FDTN. WALL SHALL NOT BE REDUCED TO LESS THAN 90mm (3-1/2") THICK TO A MAX. DEPTH OF 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.

CONVENTIONAL ROOF FRAMING (2.0Kpg. 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.

GENERAL NOTES

WINDOWS:1) MINIMUM BEDROOM WINDOW —OBC. 9.9.10.1.—
AT LEAST ONE BEDROOM WINDOW ON A GIVEN FLOOR IS
HAVE MIN. 0.35m2 UNOBSTRUCTED GLAZED OR OPENABLE AREA WITH MIN, CLEAR WIDTH OF 380 mm (1"-3").

2) WINDOW GLARDS — OBC. 9.8.8.1,1(6),
A GUARD IS REQUIRED WHERE THE TOP OF THE WINDOW SILL IS LOCATED LESS THAN 480mm (1'-7') ABOVE FIN. FLOOR AND THE DISTANCE FROM THE FIN. FLOOR TO THE ADJACENT GRADE IS GREATER THAN 1800mm (5'-11")

5) EXTERIOR WINDOWS SHALL COMPLY WITH OBC DIV.-8 9.7.3. & SB12-3.1.1.9

GENERAL: 1) MECHANICAL VENTILATION IS REQUIRED TO COMPLY WITH OBC-DIV. B, 6.2.2. SEE MECHANICAL DRAWINGS.

2) ALL DOWNSPOUTS TO DRAIN AWAY FROM THE BUILDING AS PER OBC 9.26.18.2. & 5.6.2.2.(3) AND MUNICIPAL STANDARDS.

OBC 9.26.18.2. & 5.6.2.2.(3) AND MUNICIPAL STANDARDS.

 ALL WINDOW WELLS TO DRAIN TO FOOTING LEVEL PER OBC 9.14.6.3. CHECK WITH THE LOCAL AUTHORITY. STUD WALL REINFORCEMENT FOR FUTURE GRAB BARS IN MAIN BATHROOM REINFORCEMENT OF STUD WALLS SHALL BE INSTALLED

REINFORCEMENT OF SHUD WALLS SHALL BE INSTALLED
ADJACENT TO WATER CLOSETS AND SHOWER OR BATHTUB IN
MAIN BATHROOM, REFER TO OBC., 9.5.2.3, 3.8.3.8.(1)[d] &
3.8.3.13.(1)[f]. SEE DETAIL.
5) ALL EXTERIOR DOORS TO COMPLY WITH THERMAL RESISTANCE
AS STATED IN O.B.C. SB-12-3.1.1.9.

6) ALL AIR BARRIER SYSTEMS ARE REQUIRED TO COMPLY WITH

O.B.C. DIV.-B 9.25.3. ALL LUMBER SHALL BE SPRUCE NO.2 GRADE, UNLESS NOTED OTHERWISE. LUMBER: 1)

STUDS SHALL BE STUD GRADE SPRUCE, UNLESS NOTED 2)

LUMBER EXPOSED TO THE EXTERIOR TO BE SPRUCE No.2 GRADE PRESSURE TREATED OR CEDAR, UNLESS NOTED OTHERWISE.

ALL LAMINATED VENEER (LIMBER (L.V.L.) BEAMS, GIRDER TRUSSES, AND METAL HANGER CONNECTIONS SUPPORTIN ROOF FRAMING TO BE DESIGNED & CERTIFIED BY TRUSS MANUFACTURER. LVL BEAMS SHALL BE 2.0E -2950Fb MIN., NAIL EACH PLY OF LVL

WITH 89mm (3 1/2") LONG COMMON WIRE NAILS @ 300mm (12") O.C. STAGGERED IN 2 ROWS FOR 184, 240 & 300mm (7 1/4",9 1/2", 11 7/8") DEPTHS AND STAGGERED IN 3 ROWS FOR GREATER DEPTHS AND FOR 4 PLY MEMBERS ADD 13mm (1/2 DIA. GALVANIZED BOLTS BOLTED AT MID-DEPTH OF BEAM @

91.5mm (3-07) O.C.
PROVIDE FACE MOUNT BEAM HANGERS TYPE 'SCL"
MANUFACTURED BY SIMPSON STRONG-TIE OR EQUAL
FOR ALL LYL BEAM TO BEAM CONNECTIONS UNLESS
OTHERWISE NOTED. REFER TO ENG. FLOOR LAYOUTS.

OTHERWISE NOTED, REFER TO ENG, FLOOR LAYOUTS,
JOIST HANGERS: PROVIDE METAL HANGERS FOR ALL JOISTS
AND BUILT-UP WOOD MEMBERS INTERSECTING FLUSH BUILT-UP
WOOD MEMBERS.
WOOD FRAMING NOT TREATED WITH A WOOD PRESERVATIVE,
IN CONTACT WITH CONCRETE, SHALL BE SEPARATED FROM THE
CONCRETE BY AT LEAST 2 mil, POLYETHYLENE FILM, No. 50
(43Ds.) ROLL ROOFING OR OTHER DAMPPROOFING MATERIAL,
EXCEPT WHERE THE WOOD MEMBER IS AT LEAST 150mm (6")
ABOVE THE GROUND.

EXHAUST FAN TO EXTERIOR

GFI DUPLEX OUTLET (HEIGHT A.F.F)

HEAVY DUTY OUTLET (220 volt)

LIGHT FIXTURE (CEILING MOUNTED)

LIGHT FIXTURE (WALL MOUNTED)

GIRDER TRUSS

BY ROOF TRUSS MANUF

HOSE BIB (NON-FREEZE)

DUPLEX OUTLET (HEIGHT A.F.F)

STRUCTURAL STEEL SHALL CONFORM TO CAN/CSA-G40-21 GRADE 300W. HOLLOW STRUCTURAL SECTIONS SHALL CONFORM TO CSA-G40-21 GRADE 350W "STRUCTURAL QUALITY STEEL". OBC. B-9.23.4.3.
REINFORCING STEEL SHALL CONFORM TO CSA-G30-18M GRADE 400R.

GRADE 4UJK.

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

0

LEGEND • CLASS 'B' VENT DUPLEX OUTLET (12" ABOVE SURFACE) Ф4, POT LIGHT

LIGHT FIXTURE (PULL CHAIN)

SWITCH S ← FLOOR DRAIN

SINGLE JOIST DOUBLE JOIST TRIPLE JOIST

DJ TJ

P.T. PRESSURE TREATED LUMBER LAMINATED VENEER LUMBER POINT LOAD FROM ABOVE

CA. CURVED ARCH FLAT ARCH

M.C. MEDICINE CABINET DOUBLE VOLUME SEE NOTE 39 CONCRETE BLOCK WA

SOLID WOOD BEARING (SPRUCE No. 2). SOLID BEARING TO BE AS WIDE AS SUPPORTED MEMBER OR AS DIRECTED BY STRUCTURAL ENGINEER.
SOLID BEARING TO BE MINIMUM 2 PIECES. SOLID WOOD BEARING TO MATCH FROM ABOVE

ELECTRIC VEHICLE CHARGING SYSTEM (EVCS)
ROUGH-IN FOR FUTURE ELECTRIC VEHICLE SUPPLY EQUIPM (CHARGING SYSTEM) TO BE INSTALLED. ROUGH-IN SHALL INCLUDE:

A minimum 200 amp Panelboard,
Conduit that is not less than 1 1/16" (27mm) trade size
A square 4 11/16" (119mm) trade size electrical outlet

 Fumeproofed Electrical outlet box to be installed in the Garage or carport or adjacent to driveway.

REFER TO 2012 OBC. 9.34.4. SOIL GAS/ RADON CONTROL (OBC 9.1.1.7. & 9.13.4.)

INTO THE BUILDING IF REQUIRED. RACTOR MUST VERIFY ALL DIMENSIONS ON THE JOB AND REPORT ANY DISCREPANCY TO VA3 DESIGN BEFORE PROCEEDING WITH THE WORK, ALL DRAWINGS AND SPECIFICATIONS ARE INSTRUMENTS OF SERVICE AND THE PROPERTY OF VA3 DESIGN WHICH IF REQUESTED, MUST BE RETURNED AT THE COMPLETION OF THE WORK, ALL

DRAWINGS TO BE USED FOR CONSTRUCTION ONLY AFTER

GREEN VALLEY EAST

BUILDING PERMIT HAS BEEN ISSUED.

MAY 2016

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.

TYPICAL I HOUR RATED PARTY WALL.
REFER TO DETAILS FOR TYPE AND SPECIFICATIONS.

FOUNDATION WALL (W.O.D./W.O.B.) - WHERE GRADE TO T/O BASEMENT SLAB EXCEEDS 1200mm (3'-11") A 250mm (10") WIDE FOUNDATION WALL IS

42) EXTERIOR WALLS FOR WALK-OUT CONDITIONS
THE EXTERIOR RASEMENT STILL WALK-OUT CONDITIONS STUDS @ 400mm (16") o.c. OR 38x89 (2"x4") STUDS @ 300mm

> DRAIN WATER HEAT RECOVERY UNIT (DWHR) PER SB12-3.1.1.12, A DRAIN WATER HEAT RECOVERY (DWHR) UNIT SHALL BE INSTALLED IN EACH DWELLING UNIT TO RECEIVE DRAIN WATER FROM ALL SHOWERS OR FROM AT LEAST TWO SHOWERS WHERE THERE ARE TWO OR MORE SHOWERS IN THE DWELLING UNIT. DOES NOT APPLY IF THERE ARE NO SHOWERS OR NO STOREY BENEATH ANY OF THE SHOWERS.

♦ REVISED ONT. REG. 332/12-2012 OBC Amendment O. Reg. 139/17 JUNE 19, 2017 WOOD LINTELS AND BUILT-UP WOOD BEAMS

2/38 x 184 (2/2" x 8") SPR.#2 3/38 x 184 (3/2" x 8") SPR.#2 4/38 x 184 (4/2" x 8") SPR.#2 5/38 x 184 (5/2" x 8") SPR.#2 2/38 × 235 (2/2" × 10") SPR.#2 3/38 × 235 (3/2" × 10") SPR.#2 4/38 × 235 (4/2" × 10") SPR.#2 **B3** 2/38 x 286 (2/2" x 12") SPR.#2 3/38 x 286 (3/2" x 12") SPR.#2 4/38 x 286 (4/2" x 12") SPR.#2

LOOSE STEEL LINTELS 89 x 89 x 6.4L (3-1/2" x 3-1/2" x 1/4"L) 89 x 89 x 7.9L (3-1/2" x 3-1/2" x 5/16"L) 102 x 89 x 7.9L (4" x 3-1/2" x 5/16"L) 127 x 89 x 7.9L (5" x 3-1/2" x 5/16"L) 152 x 89 x 10.0L (6" x 3-1/2" x 3/8"L) 152 x 89 x 10.0L (6" x 3-1/2" x 3/8"L) 152 x 102 x 11.0L (6"x 4" x 7/16"L) 178 x 102 x 13.0L (7" x 4" x 1/2"L)

LAMINATED VENEER LUMBER (LVL) BEAMS LVL1A 1-1 3/4"x7 1/4" (1-45x184) LVL1 2-1 3/4"x7 1/4" (2-45x184) LVL2 3-1 3/4"x7 1/4" (3-45x184) LVL3 4-1 3/4"x7 1/4" (4-45x184) LVL4A 1-1 3/4*x9 1/2" (1-45x240) LVL4 2-1 3/4*x9 1/2" (2-45x240) LVL5 3-1 3/4*x9 1/2" (3-45x240) LVL5A 4-1 3/4*x9 1/2" (4-45x240) LVL6A 1-1 3/4"x11 7/8" (1-45x300) LVL6 2-1 3/4"x11 7/8" (2-45x300) LVL7 3-1 3/4"x11 7/8" (3-45x300)

DOOR SCHEDULE EXTERIOR 815 x 2030 x 45 DOOR (2'-8" x 6'-8" x 1-3/4") INSULATED MIN. RSI 0.7 (R4) (1.) EXTERI DOOR 1A EXTERIOR 865 x 2030 x 45 DOOR (2'-10" - 8' 9" (2'-10" x 6'-8" x 1-3/4")

4-1 3/4"x11 7/8" (4-45x300)

B EXTERIOR 915 x 2030 x 45 DOOR (3'-0" x 6'-8" x 1-3/4") INSULATED MIN. RSI 0.7 (R4)

EXTERIOR 915 x 2438 x 45

DOOR (3"-0" x 8'-0" x 1-3/4")

2A EXTERIOR 815 x 2030 x 45
DOOR (2'-8" x 6'-8" x 1-3/4") 20
MIN. RATED DOOR AND FRAME,
WITH APPROVED SELF CLOSING

| Win Arrived Sept Closing | Win Arrived Sept Closing | Win Arrived Sept Closing | Win Arrived Sept Closing | Win Arrived Sept Closing | Weather Strapping installed) | Weather Strapping installed | Weather Strapping installed | Weather Strapping | Weather Strapping | Weather Strapping | Win Arrived Sept Closing | Weather Sept Clos (2C) DOOR

EXTERIOR 815 x 2438 x 45

DOOR (2'-8' x 8'-0' x 1-3/4") 20

MIN. RATED DOOR AND FRAME,
WITH APPROVED SELF CLOSING

DEVICE.

INTERIOR 760 x 2030 x 35

DOOR (2'-6" x 6'-8" x 1-3/8") (2D) DOOR (3.)

INTERIOR 710 x 2030 x 35 DOOR (2'-4" x 6'-8" x 1-3/8") (3A) INTERIOR 760 x 2438 x 35 DOOR (2'-6" x 8'-0" x 1-3/8") (3B)

INTERIOR 710 x 2438 x 35 DOOR (2'-4" x 8'-0" x 1-3/8") (3C) INTERIOR 610 x 2030 x 35 DOOR (2'-0" x 6'-8" x 1-3/8") (4.)

INTERIOR 660 x 2030 x 35 DOOR (2'-2" x 6'-8" x 1-3/8") (4A) INTERIOR 660 x 2438 x 35 DOOR (2'-2" x 8'-0" x 1-3/8") (4C) INTERIOR 460 x 2030 x 35 DOOR (1'-6" x 6'-8" x 1-3/8")

(5.) 6. EXTERIOR 815 x 2030 x 45 DOOR (2'-8" x 6'-8" x 1-3/4") SOLID WOOD CORE

MECHANICAL SYMBOLS -1/80 HEAT PIPE WARM AIR PLUMBING (TOILET) RETURN AIR DUCT ⇒<[™] PLUMBING (BATH, SINK, SHOWER)

SMOKE ALARM (REFER TO OBC 9.10.19) PROVIDE 1 PER FLOOR, NEAR THE STAIRS CONNECTING THE FLOOR LEVEL AND ALSO 1 IN EACH BEDROOM NEAR HALL DOOR, ALARMS TO BE CONNECTED TO AN ELECTRICAL CIRCUIT AND INTERCONNECTED TO ACTIVATE ALL ALARMS IF 1 SOUNDS. BATTERY BACK-UP REQUIRED. SMOKE ALARMS TO INCORPORATE VISUAL SIGNALLING COMPONENT

CARBON MONOXIDE ALARMS (OBC 9.33.4.)
WHERE A FUEL-BURNING APPLIANCE IS INSTALLED IN A DWELLING UNIT, A CARBON MONOXIDE ALARM CONFORMING TO CAN./CSA-6.19 OR UL2034 SHALL BE INSTALLED ADJACENT TO EACH SLEEPING AREA. CARBON MONOXIDE DETECTOR(S) SHALL BE FERMANENTLY WIRED SO THAT ITS ACTIVATION WILL ACTIVATE ALL CARBON MONOXIDE DETECTORS AND BE EQUIPPED WITH AN ALARM THAT IS AUDIBLE WITHIN BEDROOMS WHEN THE INTERVENING DOORS ARE CLOSED. REFER TO MANUFACTURER FOR ADDDITIONAL REQUIREMENTS.

REFER TO UNIT DRAWINGS OR PAGE CN-2 FOR SB-12 COMPLIANCE PACKAGE AT TO BE USED FOR THIS MODEL. The minimum thermal performance of building envelope and equipment shall conform to the selected package unless otherwise noted.

2018
VA3 REFERENCE NUMBER

A1 **CONST NOTE**

16023

(* SEE OBC 9.23.9.4. *) BostesTE Wellington Jno-Baptiste 2559 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 prof the Designer which must be returned at the completion of the 2 UPDATE TO 2018 JAN 11-18 RC

AUG 04-17 RC

by

date

255 Consumers Rd Suite 120 Toronto ON M2J 1R4 416.630.2255 f 416.630.4782

va3design.com

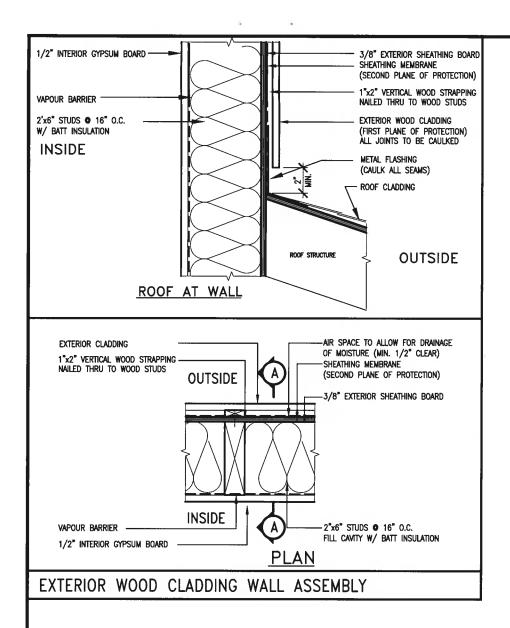
BAYVIEW WELLINGTON

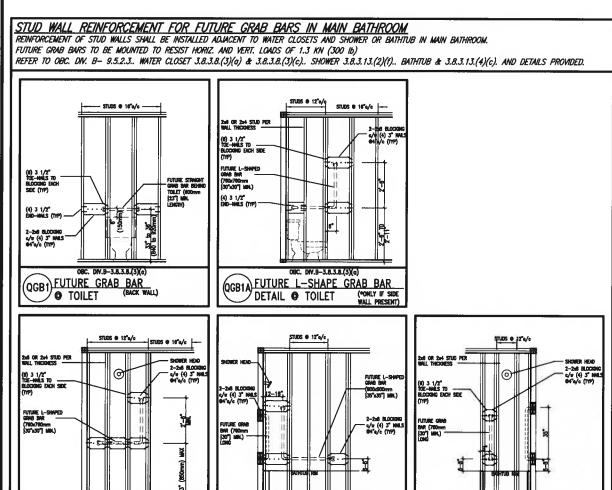
3/16" = 1'-0"

BRADFORD

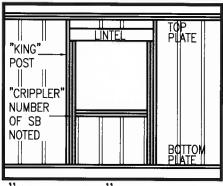
CONSTRUCTION NOTES 16023-CN-A1 H:\ARCHIVE\WORKING\2016\16023.BW\Units\CN NOTES\16023-CN-A1.dwg - Thu - Jan 11 2018 - 10:08 AW

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MAX. HEIGH	FOR 2"	x4"	GARAGE	WALL	IS	AS	FOLLOW:
2"x4" 0	16" O.C.	-	9-10"				
2-2"x4" O	12" O.C.	_	10'-9"				
3-2"x4" 0	16" O.C.	_	11'-2"				
3_2"v4" m	12" 0.0		12'_4"				

DBC. DIV.B-3.8.3.13.(2)(f)

DETAIL @ SHOWER

QGB3 FUTURE L-SHAPE GRAB BAR
DETAIL OF SHOWER (BACK WALL)

3-2"x4" **0** 12" 0.C. - 12'-4

NOTES:

1. FOR ROOF DESIGN SNOW LOAD OF UP TO 2.5 KPd.
SUPPORTED ROOF TRUSS LENGTH OF 6.0m AND FLOOR

1. FLOOT OF 2.5m OF ONE FLOOR.

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 MINIMUN 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 KPg.
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

(QGB4A)

MAX. HEIGHT FOR 2"x8" EXTERIOR WALL IS AS FOLLOWS:

2"x8" **9** 16" 0.C. - 16'-0" 2"x8" **9** 12" 0.C. - 17'-9" -2"x8" **0** 16" O.C. - 20'-4" 2-2"x8" 🛭 12" O.C. - 22'-4"

NOTES:

QGB4) FUTURE GRAB BAR IN

BATHTUB

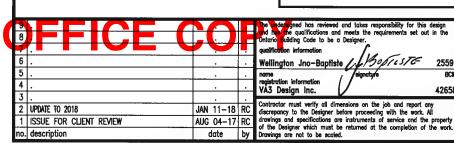
FOR ROOF DESIGN SNOW LOAD OF UP TO 2.5 KPa SUPPORTED ROOF TRUSS LENGTH OF 6.0m ONLY.

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

** STUD INFORMATION TAKEN FROM OBC TABLE A-30

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





FUTURE GRAB BAR IN

(VERTICAL BAR LOCATED &

BATHTUB

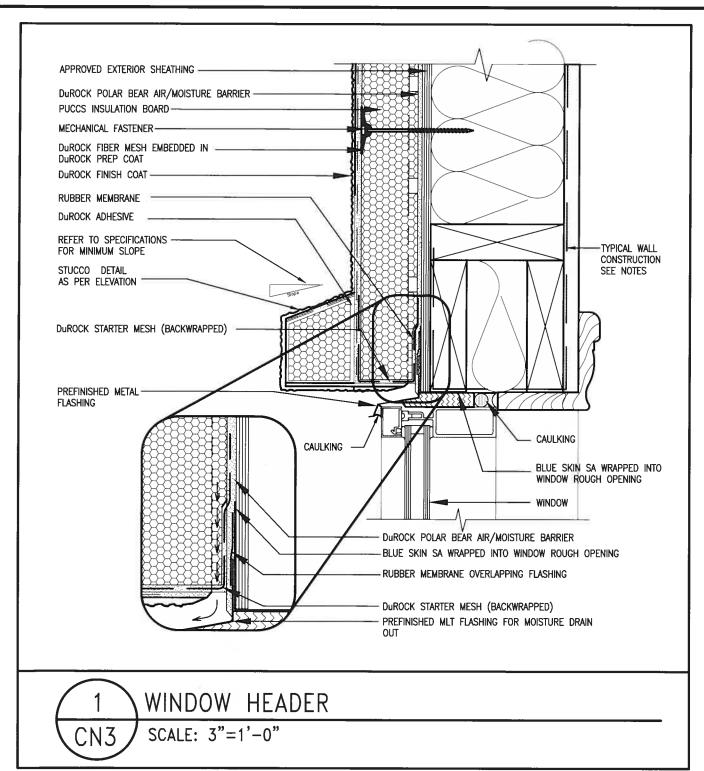
BAYVIEW WELLING	TON	CONST	NOTE
project name GREEN VALLEY EAST	municipality BRADFORD		project 160
dote MAY 2016	CONST	RUCTION NOTES	drawing no.

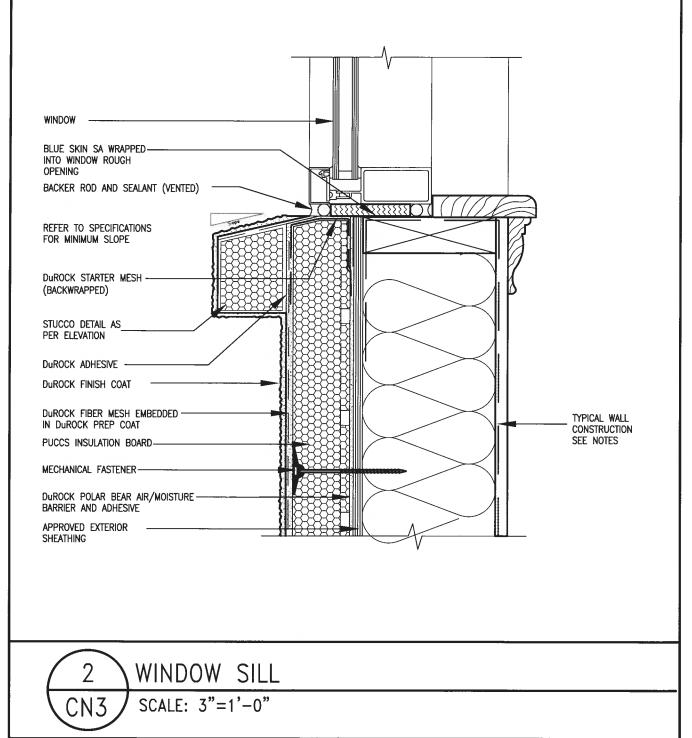
3/16" = 1'-0"

16023

16023-CN-A1

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NOTE

CONST

WELLINGTON

BAYVIEW

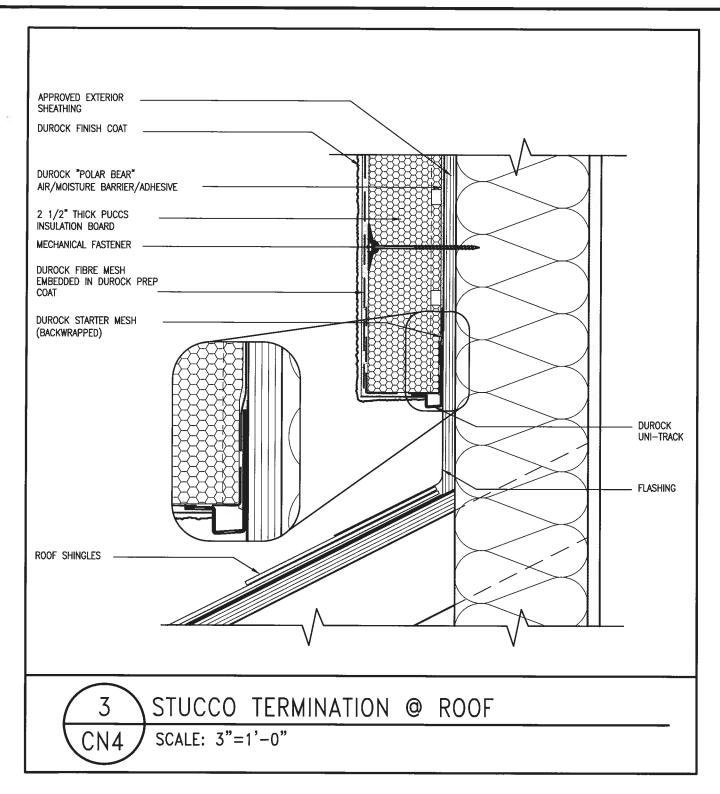
VALLEY

2016

GREE GREE MAY 2 drown by

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



DUROCK "POLAR BEAR" 2 1/2" THICK PUCCS AIR/MOISTURE INSULATION BOARD BARRIER/ADHESIVE DUROCK FIBRE MESH EMBEDDED IN DUROCK PREP COAT DUROCK FINISH COAT MECHANICAL FASTENER DUROCK STARTER MESH (BACKWRAPPED) FIBRE MESH TAPE AT BACKER ROD AND SEALANT (VENTED) DUROCK STARTER MESH (BACKWRAPPED) FIBRE MESH TAPE AT DUROCK STARTER MESH (BACKWRAPPED) -DUROCK POLAR BEAR AIR/MOISTURE BARRIER/ADHESIVE PUCCS INSULATION BOARD APPROVED EXTERIOR SHEATHING HORIZONTAL EXPANSION JOINT SCALE: 3"=1'-0"

NOTE

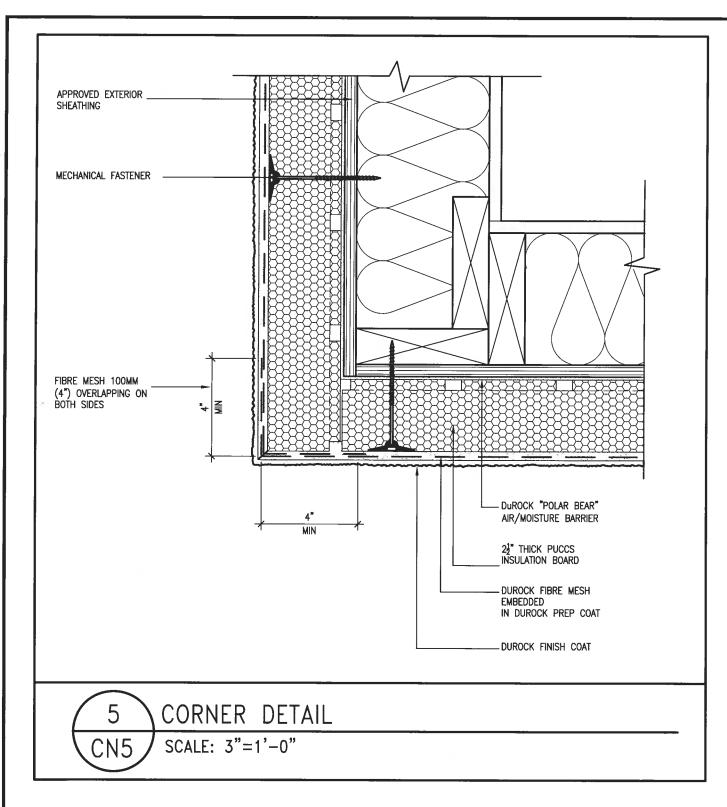
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WELLINGTON

BAYVIEW

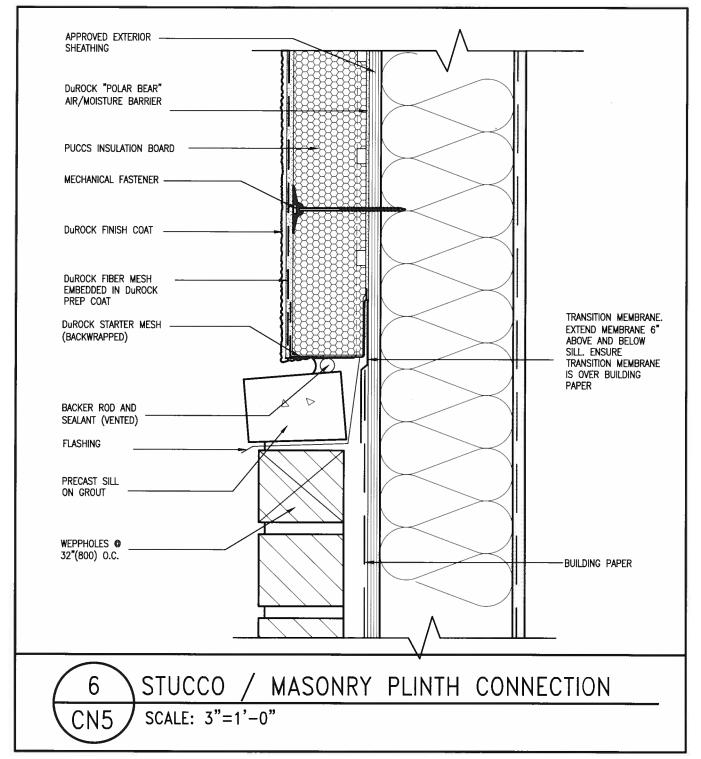
ALL STUCCO WALLS TO HAVE A MINIMUM 10mm AIR SPACE BEHIND THE CLADDING WITH POSITIVE DRAINAGE TO THE EXTERIOR. THE EXTERIOR SHEATHING MUST NOT BE GYPSUM BASED. ALL STUCCO TO BE INSTALLED AS PER MANUFACTURERS SPECIFICATIONS.

DETAILS ARE BASED ON DUROCK PUCCS SYSTEM



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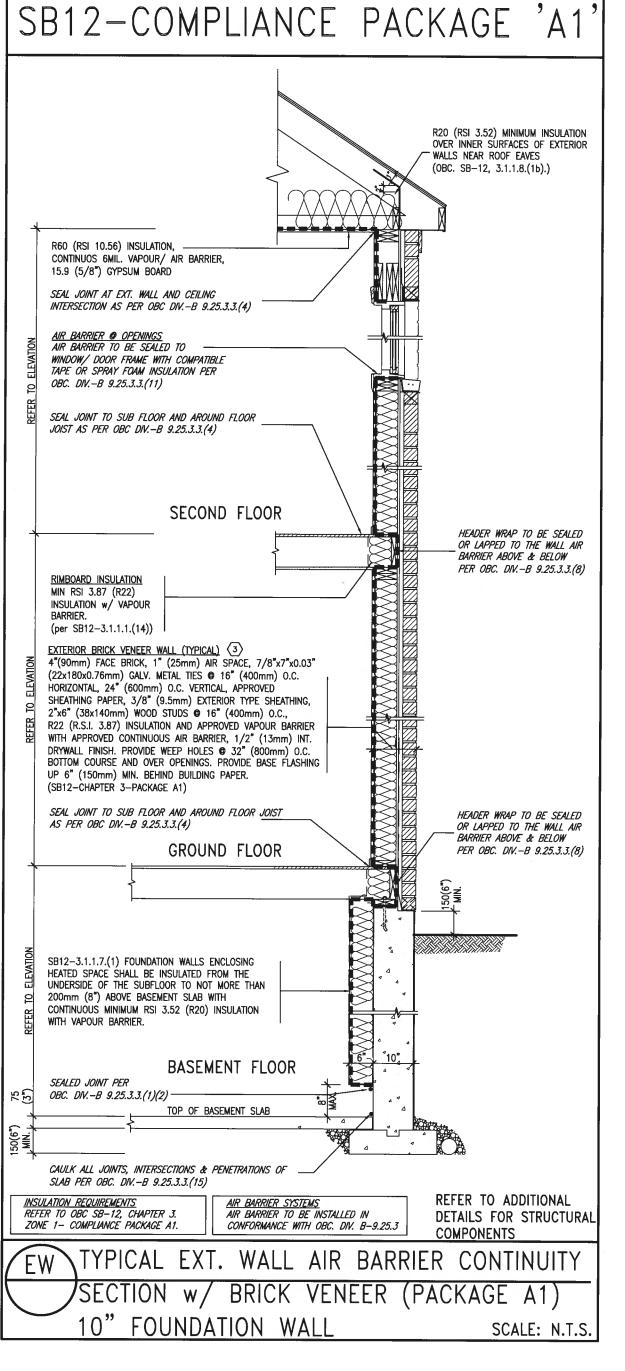
NOTE

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WELLINGTON

BAYVIEW

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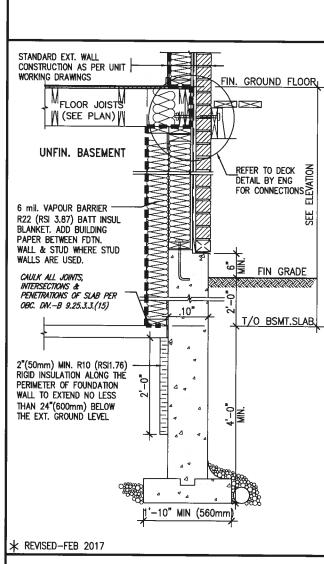


THE MINIMAL THERMAL PERFORMANCE OF BUILDING ENVELOPE AND EQUIPMENT SHALL CONFORM TO THE FOLLOWING SB-12 COMPLIANCE PACKAGE AS PER OBC SUPPLEMENTARY STANDARD SB-12, SECTION 3.1.1.1.

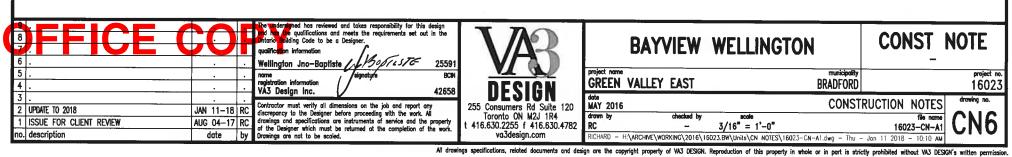
USE SB-12 COM	PLIANCE	PACKAGE (A1):
COMPONENT	A1	Notes:
Ceiling with Attic Space Minimum RSI (R) value	10.56 (R60)	R20 at inner face of exterior walls
Ceiling without Attic Space Minimum RSI (R) value	5.46 (R31)	BATT or SPRAY
Exposed FLoor Minimum RSI (R) value	5.46 (R31)	BATT or SPRAY
Walls Above Grade Minimum RSI (R) value	3.87 (R22)	6" R22 BATT
Basement Walls Minimum RSI (R) value	3.52ci (R20ci)	OPTION TO USE R12+R10ci.
Edge of Below Grade Slab ≤600mm below grade Minimum RSI (R) value	1.76 (R10)	RIGID INSUL
Windows & Sliding glass Doors Maximum U–value	1.6	
Skylights Maximum U—value	2.8U	
Space Heating Equipment Minimum AFUE	96% Min.	NATURAL GAS
Hot Water Heater Minimum EF	0.8	NATURAL GAS
HRV Minimum Efficiency	75%	_
Drain Water Heat Recovery Unit (DWHR)	Dependent on n	Maximum 2 Required. umber of showers installed. 3.1.1.12 for information

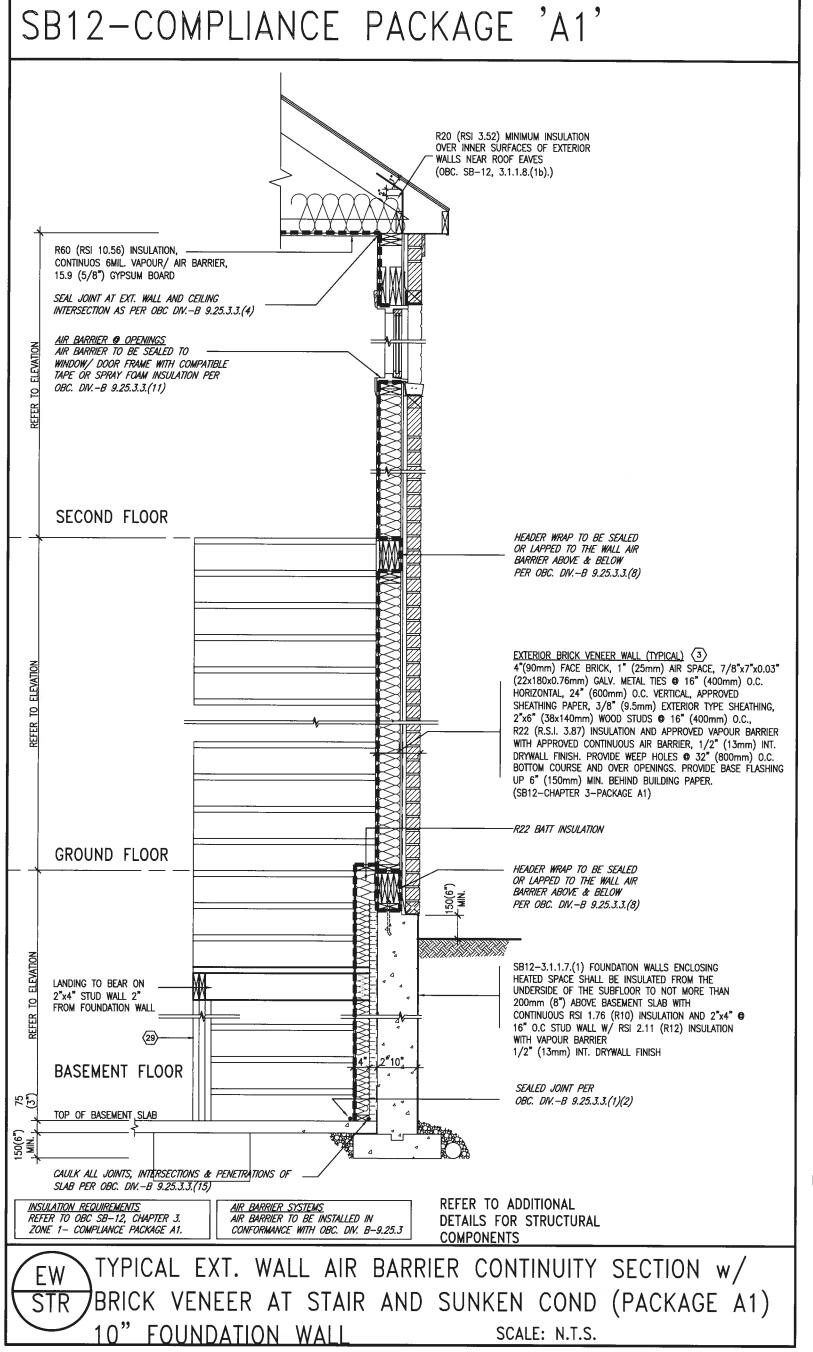
ci- Denotes Continuous Insulation without framing interruption.





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







25591 VA3 Design Inc. 42658 2 UPDATE TO 2018 JAN 11-18 RO

by

AUG 04-17 RC

date

1 ISSUE FOR CLIENT REVIEW

no. description

255 Consumers Rd Suite 120 Toronto ON M2J 1R4

t 416.630.2255 f 416.630.4782 va3design.com

drawn by RC

BAYVIEW WELLINGTON

3/16" = 1'-0"

CONST NOTE

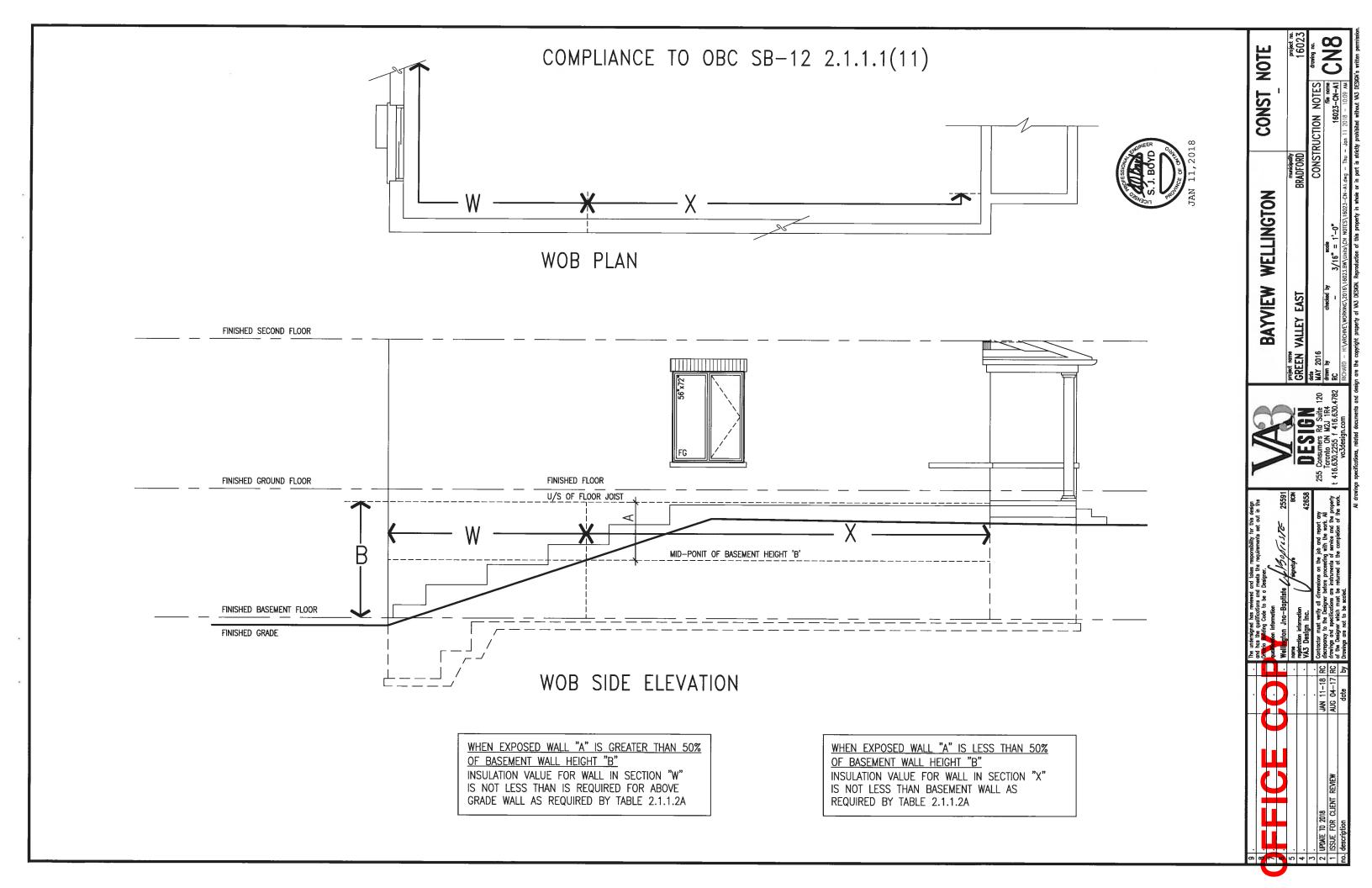
16023

GREEN VALLEY EAST date MAY 2016

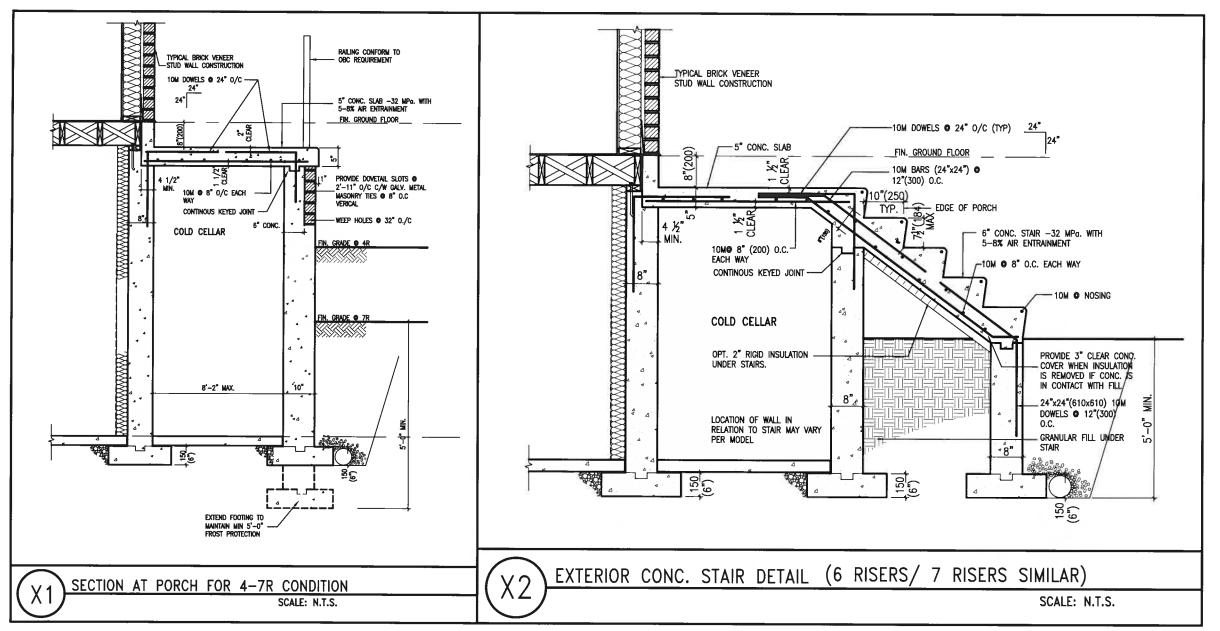
BRADFORD CONSTRUCTION NOTES

16023-CN-A1

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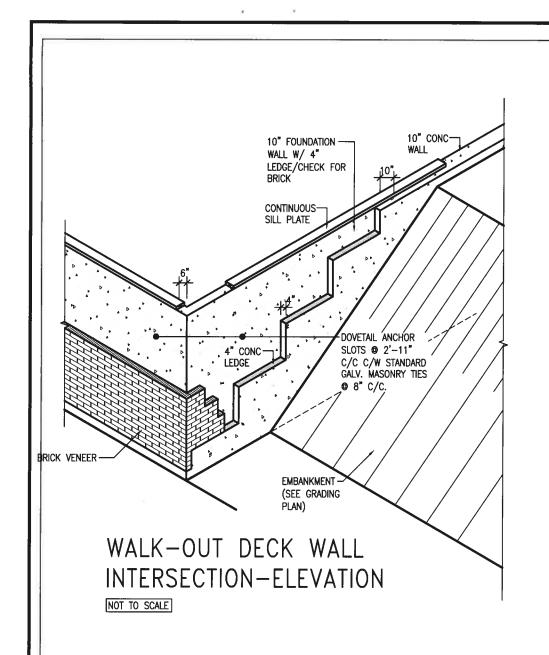


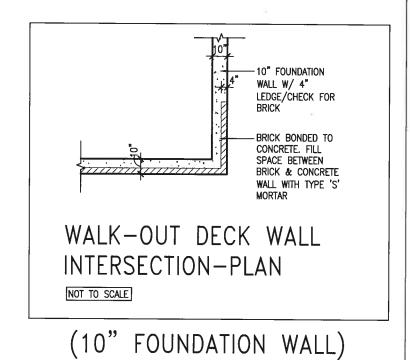


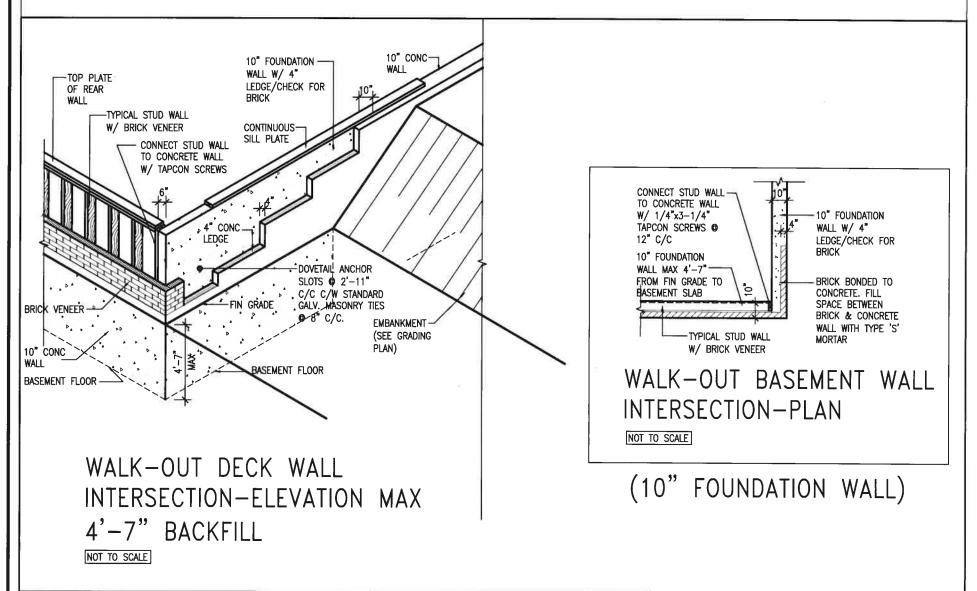


NOTE CONST WELLINGTON BAYVIEW VALLEY

CN9

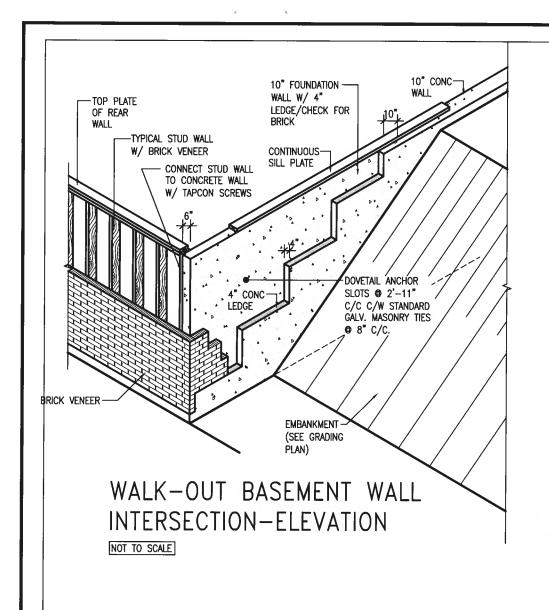


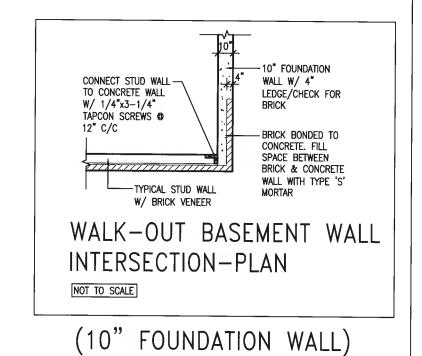






BFFICE (the Condenserted has reviewed and takes responsibility for this design and this de qualifications and meets the requirements set out in the Ontario Bulliania Code to be a Designer. qualification information Wellington Jno-Baptiste	VAR	BAYVIEW	WELLINGTON	CONST_ NOTE
5 . 4		name signature BCN registration information VA3 Design Inc. 42658	DESIGN	GREEN VALLEY EAST	BRADFORD	project no. 16023
	+	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.	255 Consumers Rd Suite 120 Toronto ON M2J 1R4 t 416.630.2255 f 416.630.4782	MAY 2016 drawn by checked by	3/16" = 1'-0"	RUCTION NOTES file nome 16023-CN-A1 CN 10
no. description	date by	Drawings are not to be scaled.	va3design.com ings specifications, related documents and des		16023.BW\Units\CN NOTES\16023-CN-A1.dwg - Thu - I. Reproduction of this property in whole or in part is stric	





STANDARD EXT. WALL CONSTRUCTION AS PER UNIT WORKING DRAWINGS FIN. GROUND_FLOOR WEEP HOLES 02'8" FLOOR JOISTS HORIZONTAL & CONTINOUS FLASHING g G Ĕ GRADE BRICK BONDED FOUNDATION WALL €. (150mm) UNFIN. BASEMENT REFER TO ELEVATION IAX. -1/2" BRICK PROJECTION 6 mil VAPOUR BARRIER
R20ci (RSI 3.52ci) INSUL BELOW GRADE
& R22 (RSI 3.87) ABOVE GRADE
DAMPPROOF BETWEEN FOTN WALL & BRUSH COAT 泛 FIN. GRADE INSULATION W/ BUILDING PAPER 0 CONT. WATERPROOF DRAINAGE LAYER, BITUMEN DAMPPROOFING 10"(250mm) POURED FDTN WALL (20MPa) (254mm) T/O BSMT, SLAB 4"(100mm) WEEPING TILE 1'-10" MIN (480mm)

WALL SECTION FOR GRADE TO FIN. EW3.06x FLOOR MORE THAN 4'7" (1400mm) PKG A1/ HEIGHT DIFFERENCE

SCALE: N.T.S.

PKG A1

-KNEE WALL 2"X6"(38mmX140mm) WOOD STUDS 9 12"(300mm) WEEP HOLES • 2'8" CONTINOUS FLASHING
CONT. WATERPROOF DRAINAGE
LAYER, BITUNEN DAMPPROOFING
10"(250mm) POURED CONC. FDIN
E WALL (20MPa)
20 50 UNFIN. BASEMENT 6 mil VAPOUR BARRIER R20ci (RSI 3.52ci) INSUL BELOW GRADE & R22ci (RSI 3.87ci) ABOVE GRADE DAMPPROOF BETWEEN FDTN WALL & FIN. GRADE INSULATION W/ BUILDING PAPER 1/2" BRICK PROJECTION (254mm) 4'7" (1400mm T/O BSMT. SLAB f"(100mm) WEEPING TILE IN 6"(150mm) CRUSHED STONE SURROUND 1'-10" MIN (480mm) WALL SECTION FOR GRADE

STANDARD EXT. WALL CONSTRUCTION AS PER UNIT WORKING DRAWINGS

FIN. GROUND FLOOR

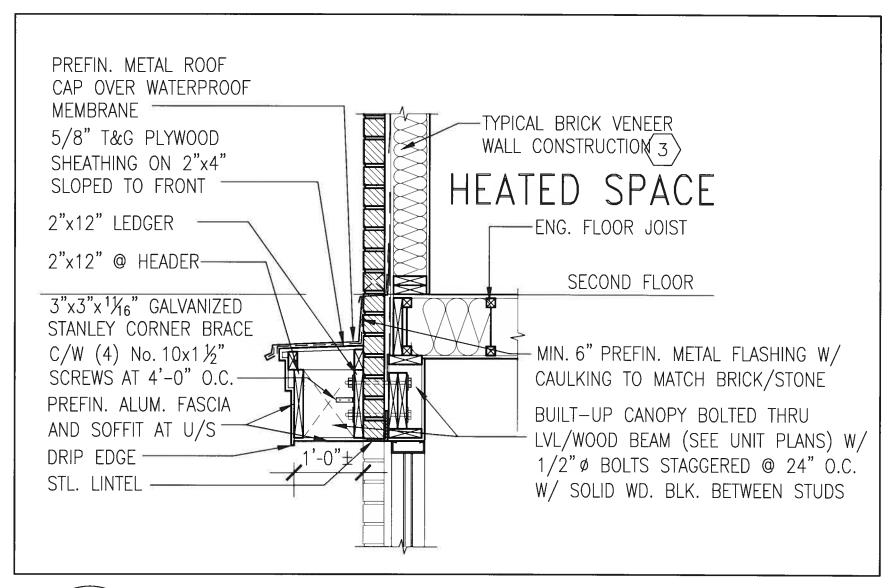
NOTE

TO BASEMENT <u>EW3.07x</u> SLAB 4'7"(1400mm) MAX. HEIGHT DIFFERENCE SCALE: N.T.S.



FLOOR JOISTS (SEE PLAN)

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® FFICE (The traceratied has reviewed and takes responsibility for this design and has the qualifications and meets the requirements set out in the officiario bituliaria Code to be a Designer. qualification information Wellington Jno-Baptiste / 1906/11576- 25591	VAR	BAYVIEW	WELLINGTON	CONST
5 .			name , signature BCIN	VA CA	Project name	municipality	
4 .	<u> </u>		registration information VA3 Design Inc. 42658	DESIGN	GREEN VALLEY EAST	BRADFORD	
3 .				255 Consumers Rd Suite 120	MAY 2016	CONST	RUCTION NOTES
2 UPDATE TO 2018	JAN 11-18	RC	discrepancy to the Designer before proceeding with the work All	Toronto ON M2J 1R4	drawn by checked by	scole	file norm
1 ISSUE FOR CLIENT REVIEW	AUG 04-17	' RC	drawings and specifications are instruments of service and the property of the Designer which must be returned at the completion of the work.	t 416.630.2255 f 416.630.4782		3/16" = 1'-0"	16023-CN-A
no. description	date	by	Drawings are not to be scaled.	va3desian.com		6023 RW\ Hnite\ CN NOTES\ 16023_CN_A1 dura . Thu	



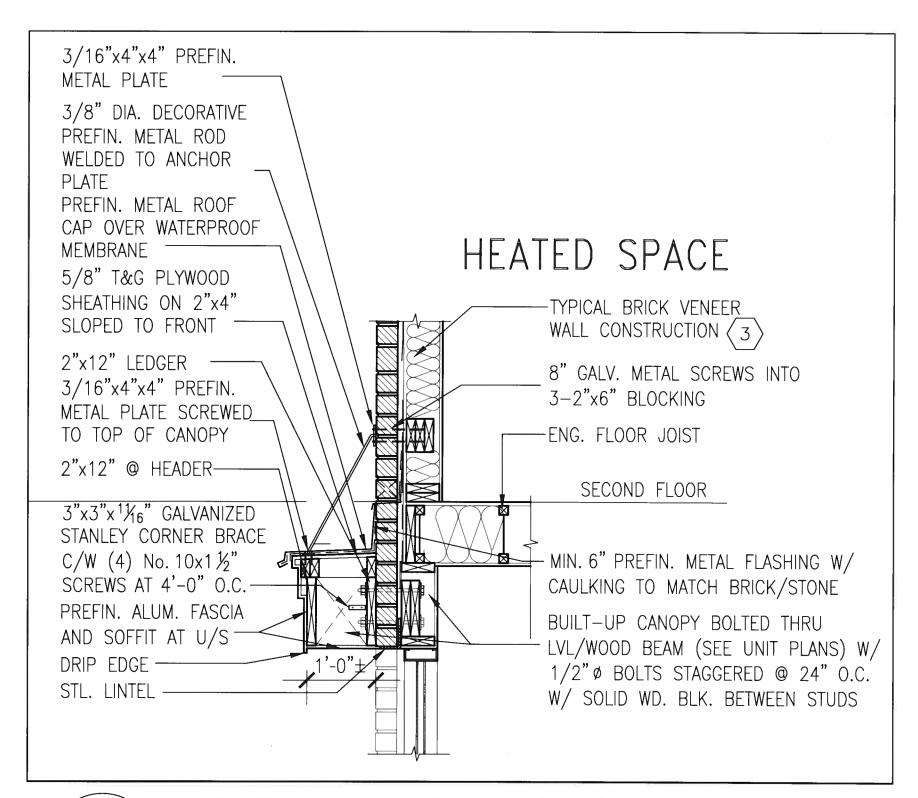
 $\frac{1}{\mathsf{CN12}}$

SECTION THROUGH CANOPY

SCALE 1/2" = 1'-0"



OFFICE C	()		The undertined has reviewed and takes responsibility for this design and has the qualifications and meets the requirements set out in the other's Building Code to be a Designer. qualification information Wellington Jno-Baptiste (1880) 1575 25591	VAR		BAYVIEW	WELLINGTON	CONST_ NOTE
5 . 4 .			name signature BCN registration information VA3 Design Inc. 42658	DESIGN	GREEN		municipalit BRADFORI	
3 . 2 update to 2018	JAN 11-18	RC	Contractor must verify all dimensions on the job and report any	255 Consumers Rd Suite 120	MAY 2016			TRUCTION NOTES drawing no.
1 ISSUE FOR CLIENT REVIEW no. description	AUG 04-17 date	RC by	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.	t 416.630.2255 f 416.630.4782		checked by H:\ARCHIVE\WORKING\2016\1	3/16" = 1'-0" 6023.BW\Units\CN NOTES\16023-CN-A1.dwg - Thu	16023-CN-A1 CN12



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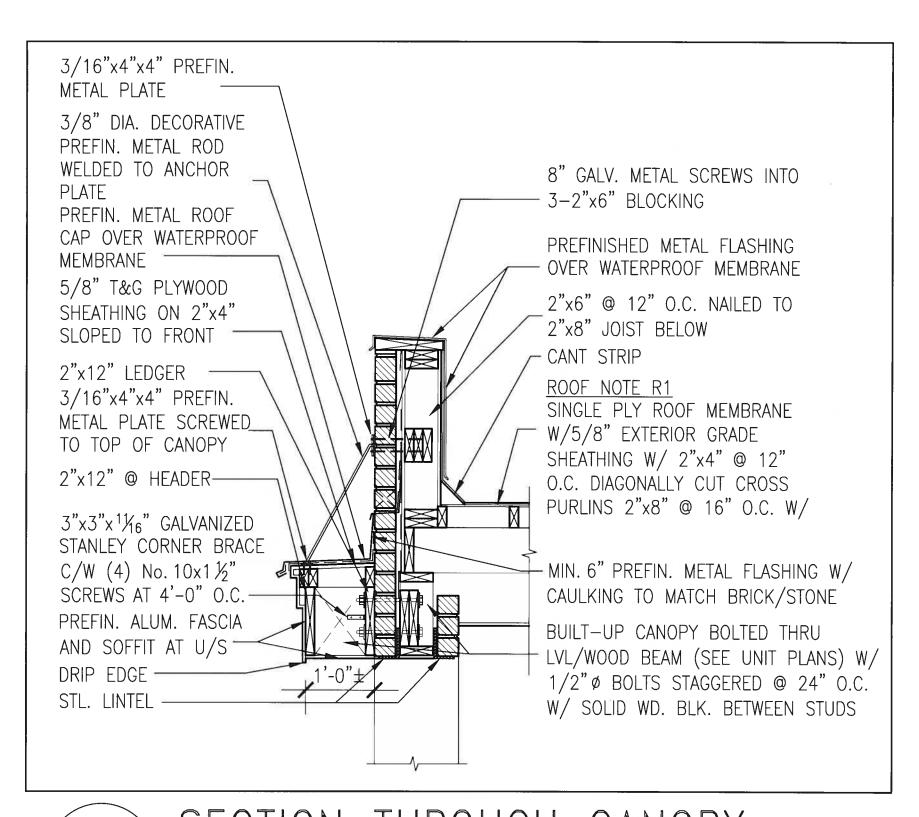
SECTION THROUGH CANOPY

W/ DECORATIVE ROD SCALE 1/2" = 1'-0"



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5 . 4 .			name signature BCM registration information VA3 Design Inc. 42658	DESIGN	project name GREEN			nunicipality ADFORD	project no. 16023
3 . 2 UPDATE TO 2018	JAN 11-18		Contractor must verify all dimensions on the job and report any discrepancy to the Designer before proceeding with the work. All	255 Consumers Rd Suite 120 Toronto ON M2J 1R4	MAY 2016 drawn by	checked by	scole	CONSTRUCTION NOTES	
1 ISSUE FOR CLIENT REVIEW no. description	AUG 04-17 date	RC by	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.	t 416.630.2255 f 416.630.4782	RC	<u>-</u>	3/16" = 1'-0" 6023.BW\Units\CN NOTES\16023-CN-A1.dwg	16023-CN-A	UNISI



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SECTION THROUGH CANOPY

W/ DECORATIVE ROD SCALE 1/2" = 1'-0"



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5 . 4 .	:		name signature BCN registration information VA3 Design Inc. 42658	DESIGN			EAST		municipality BRADFORD		project no. 16023
3 . 2 UPDATE TO 2018 1 ISSUE FOR CLIENT REVIEW	JAN 11-18 AUG 04-17	-	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	255 Consumers Rd Suite 120 Toronto ON M2J 1R4 t 416.630.2255 f 416.630.4782	date MAY 2016 drawn by	<u> </u>	checked by	scale 3/16" = 1'-0"	CONST	RUCTION NOTES file norme 16023-CN-A1	
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