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JOHN G. WILLIAMS LTD., ARCHITECT
ARCHITECTURAL CONTROL REVIEW AND APPROVAL
APPROVED BY:
DATE: MAR 03, 2022
This stamp certifies compliance with the applicable Design Guidelines only and bears no further professional responsibility.

PROPERTY LINE

SJ BLOCKING @ 24" O.C. SPACING MAX. (TYP.)

STRUCTURAL VINYL BASEMENT WINDOW (TYPICAL)

UNFINISHED BASEMENT

22"x6" THK. CONC. FOOTING UNDER EXTERIOR WALL (TYP.)

L1 W/ MIN 3" BEARING AT EACH END

CONT. W200x27

9 1/2" ENG. JOISTS @ 12" O.C.

NOTE J1

W200x46

9 1/2" ENG. JOISTS @ 12" O.C.

9 1/2" ENG. JOISTS @ 16" O.C.

2"x8" @ 16" O.C. (H)

REFER TO DETAIL 1/S1 FOR LATERAL SUPPORT @ STAIR OPENING

3-2"X6" ON 30"X28"X12" FOOTING

BASEMENT INSULATION @ STAIR/ SUNKEN AREA
-2"(R10) CONTINUOUS INSULATION RIGID OR SPRAY FOAM)
-2"X4"@16"O.C W/ R12 BATT INSULATION & 1/2" DRYWALL FINISH
-EXTENDED EXTERIOR WALL FOOTING TO SUPPORT 2"X4" WALL WHERE LOAD BEARING.

CHECK FOUNDATION WALL FOR SUNKEN FLOOR ABOVE

FULL HEIGHT INSUL.

4" DIA. VENT SLEEVE W/ INSECT SCREEN

LOW HEADRM.

CHECK FOUNDATION WALL FOR MAN DOOR

2-20M REBAR 36" LONG @45 TOP & BOTTOM GARAGE SLABS

PART. PLAN FOR SUNKEN MUD RM. SEE PAGE 7

HWT

FURNACE

LOCATION MAY VARY

3PC ROUGH-IN

UNEXCAVATED (REMOVE TOP SOIL ONLY)

30"X58"X12" CONC. FOOTING

MIN. SOIL BEARING CAPACITY OF 150KPa

CHECK FOUNDATION WALL FOR O/H GARAGE DOOR ABOVE

COLD CELLAR

CHECK FOUNDATION WALL FOR PORCH SLAB

LICENSED PROFESSIONAL ENGINEER S. J. BOYD 90214198 PROVINCE OF ONTARIO
MAR 1, 2022

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 MANUFACTURER.

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

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

BASEMENT PLAN 'A'

AREA CHART ON PAGE 7

no.	description	date	by
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3	REVISED AS PER ENG COMMENTS	MAR 01-22	RC
2	REVISED AS PER FLOOR / ROOF LAYOUTS	FEB 24-22	RC
1	ISSUED FOR CLIENT REVIEW	NOV 23-21	VA3

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 (BCIN)
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
255 Consumers Rd Suite 120
Toronto ON M2J 1R4
t 416.630.2255 f 416.630.4782
va3design.com

BAYVIEW WELLINGTON — S38-20 -

project name: GREEN VALLEY ESTATES
municipality: BRADFORD EAST, ON.
project no.: 16023

date: SEPT. 2021
drawing: BASEMENT PLAN 'A'
drawing no.: 1
drawn by: NC
checked by: JWM
scale: 3/16" = 1'-0"
file name: 16023-S38-20

RICHARD – H:\ARCHIVE\WORKING\2016\16023.BW\Units\38"\16023-S38-20.dwg – Tue – Mar 1 2022 – 2:38 PM

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JOHN G. WILLIAMS LTD., ARCHITECT
ARCHITECTURAL CONTROL REVIEW AND APPROVAL
APPROVED BY:
DATE: MAR 03, 2022
This stamp certifies compliance with the applicable Design Guidelines only and bears no further professional responsibility.

PROPERTY LINE

SJ BLOCKING @ 24" O.C. SPACING MAX. (TYP.)

SEE NOTE W1

NOTE J1

STRUCTURAL VINYL BASEMENT WINDOW (TYPICAL)

NOTE W1
PROVIDE 2-15M FULL HEIGHT VERTICAL REBARS EACH SIDE OF OPENING
+ 2-15M HORIZ. REBARS BELOW AND EXTEND 24" BEYOND OPENING PROVIDE 3" CLEAR COVER FROM SOIL SIDE

UNFINISHED BASEMENT

SEE DETAIL S4 FOR 9'-0" BASEMENT COND

L1 W/ MIN 3" BEARING AT EACH END

NOTE: W1

22"x6" THK. CONC. FOOTING UNDER EXTERIOR WALL (TYP.)

9 1/2" ENG. JOISTS @ 16" O.C.

9 1/2" ENG. JOISTS @ 12" O.C.

CONT. W200x27

W200x46

2"x8" @ 16" O.C. (H)

REFER TO DETAIL 1/S1 FOR LATERAL SUPPORT @ STAIR OPENING

3-2"X6" ON 30"X28"X12" FOOTING

BASEMENT INSULATION @ STAIR/ SUNKEN AREA
-2"(R10) CONTINUOUS INSULATION RIGID OR SPRAY FOAM)
-2"X4"@16"O.C W/ R12 BATT INSULATION & 1/2" DRYWALL FINISH
-EXTENDED EXTERIOR WALL FOOTING TO SUPPORT 2"X4" WALL WHERE LOAD BEARING.

CHECK FOUNDATION WALL FOR SUNKEN FLOOR ABOVE

FULL HEIGHT INSUL.

4" DIA. VENT SLEEVE W/ INSECT SCREEN

CMD
S.A.
LOCATION MAY VARY
HWT
FURNACE
3PC ROUGH-IN

LOW HEADRM.

LOW HEADRM. IF REQ'D.

CHECK FOUNDATION WALL FOR MAN DOOR

2-20M REBAR 36" LONG @45 TOP & BOTTOM GARAGE SLABS

PART. PLAN FOR SUNKEN MUD RM. SEE PAGE 7

30"X58"X12" CONC. FOOTING

UNEXCAVATED
(REMOVE TOP SOIL ONLY)

CHECK FOUNDATION WALL FOR SUNKEN FLOOR ABOVE

MIN. SOIL BEARING CAPACITY OF 150KPa

CHECK FOUNDATION WALL FOR O/H GARAGE DOOR ABOVE

COLD CELLAR

CHECK FOUNDATION WALL FOR PORCH SLAB

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 MANUFACTURER.

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

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

AREA CHART ON PAGE 7

BASEMENT PLAN 'A'
(9'-0" BASEMENT)

S. J. BOYD 90214198 PROVINCE OF ONTARIO LICENSED PROFESSIONAL ENGINEER
MAR 1, 2022

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3	REVISED AS PER ENG COMMENTS	MAR 01-22	RC
2	REVISED AS PER FLOOR / ROOF LAYOUTS	FEB 24-22	RC
1	ISSUED FOR CLIENT REVIEW	NOV 23-21	VA3

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 (BCIN)
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.

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Toronto ON M2J 1R4
t 416.630.2255 f 416.630.4782
va3design.com

BAYVIEW WELLINGTON — S38-20

project name: GREEN VALLEY ESTATES — municipality: BRADFORD EAST, ON. — project no.: 16023

date: SEPT. 2021 — BASEMENT PLAN 'A' — drawing no.: 1A

drawn by: NC — checked by: JWM — scale: 3/16" = 1'-0" — file name: 16023-S38-20

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JOHN G. WILLIAMS LTD., ARCHITECT
ARCHITECTURAL CONTROL REVIEW AND APPROVAL
APPROVED BY:
DATE: MAR 03, 2022
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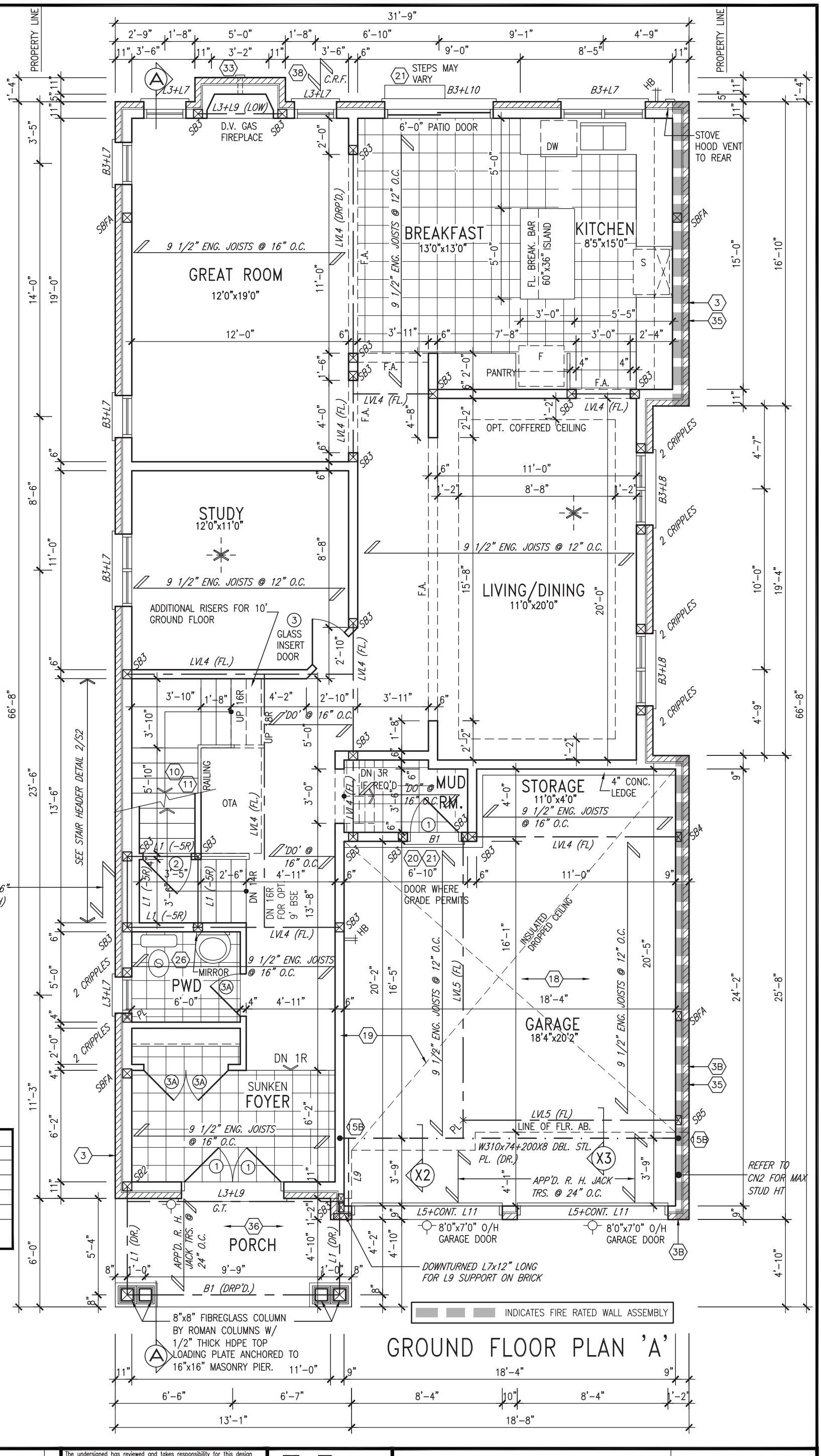

DOOR HEIGHTS	
CEILING HEIGHT	DOOR HEIGHT
11'0" or greater	8'0" (96")
10'0"	8'0" (96")
9'0"	6'8" (80")
8'0" or lower	6'8" (80")
CONTRACTOR TO CONFIRM HEIGHTS WITH BUILDER	

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 MANUFACTURER.

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

LICENSED PROFESSIONAL ENGINEER S. J. BOYD 90214198 PROVINCE OF ONTARIO
MAR 1, 2022

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3	REVISED AS PER ENG COMMENTS	MAR 01-22	RC
2	REVISED AS PER FLOOR / ROOF LAYOUTS	FEB 24-22	RC
1	ISSUED FOR CLIENT REVIEW	NOV 23-21	VA3

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qualification information
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registration information
VA3 Design Inc. 42658

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t 416.630.2255 f 416.630.4782
va3design.com

BAYVIEW WELLINGTON

S38-20
-

project name: GREEN VALLEY ESTATES
municipality: BRADFORD EAST, ON.
project no.: 16023
date: SEPT. 2021
GROUND FLOOR PLAN 'A'
drawing no.: 2
drawn by: NC
checked by: JWM
scale: 3/16" = 1'-0"
file name: 16023-S38-20
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ARCHITECTURAL CONTROL REVIEW AND APPROVAL
APPROVED BY:
DATE: MAR 03, 2022
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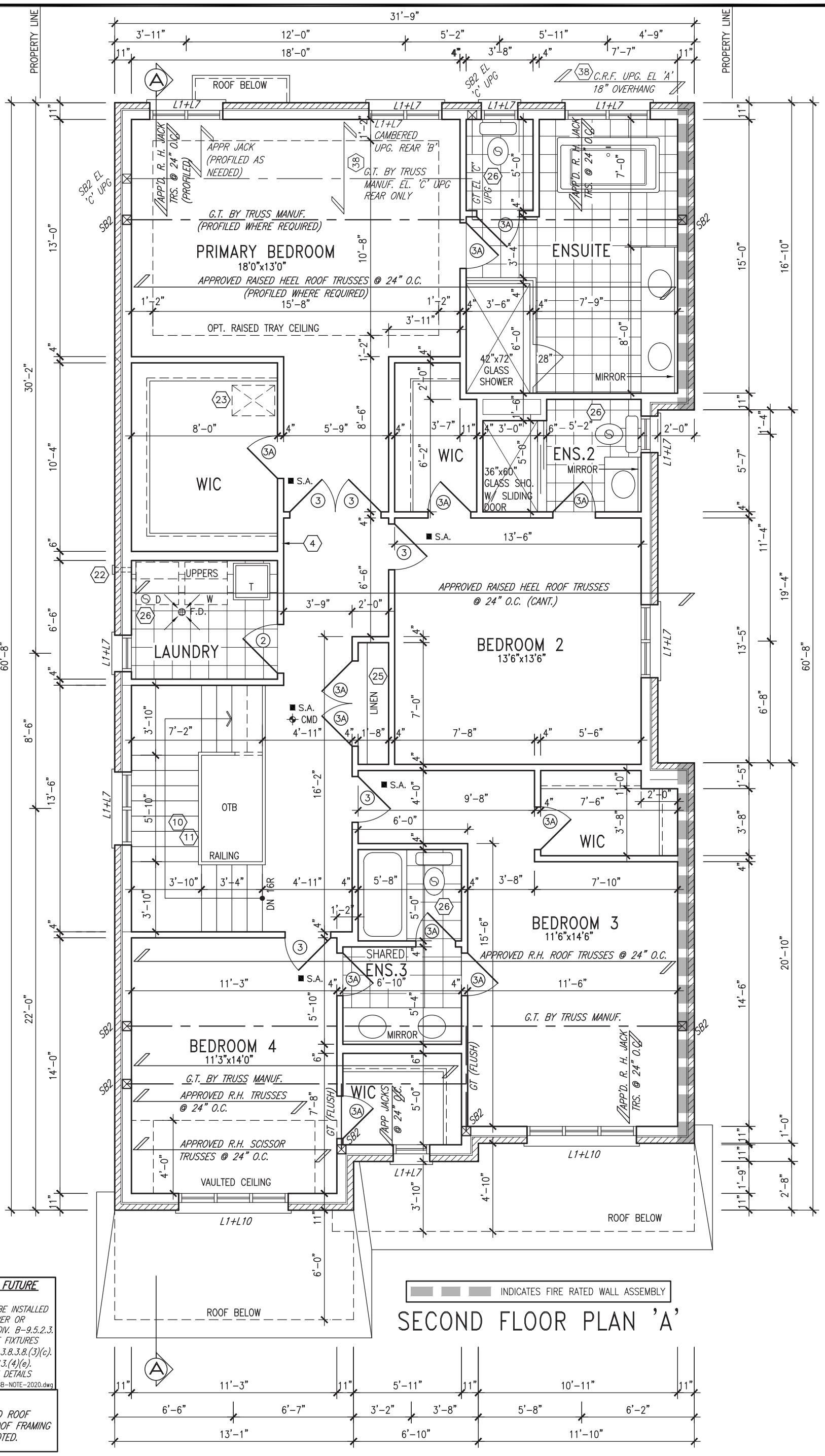

LICENSED PROFESSIONAL ENGINEER
S. J. BOYD
90214198
PROVINCE OF ONTARIO
MAR 1, 2022

GRAB BAR NOTE:

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 PER OBC. DIV. B-9.5.2.3. REFER TO FOLLOWING SECTIONS FOR THE FIXTURES LISTED. WATER CLOSET: 3.8.3.8.(3)(a) & 3.8.3.8.(3)(c). SHOWER 3.8.3.13.(2)(g). BATHTUB 3.8.3.13.(4)(e). FREE STANDING BATHTUB EXCLUDED. SEE DETAILS PROVIDED. GB-NOTE-2020.dwg

NOTE: ROOF FRAMING

ROOF TRUSS INFORMATION REFER TO ROOF TRUSS SHOP DRAWINGS FOR ALL ROOF FRAMING INFORMATION UNLESS OTHERWISE NOTED.

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3	REVISED AS PER ENG COMMENTS	MAR 01-22	RC
2	REVISED AS PER FLOOR / ROOF LAYOUTS	FEB 24-22	RC
1	ISSUED FOR CLIENT REVIEW	NOV 23-21	VA3

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va3design.com

BAYVIEW WELLINGTON

S38-20
-

project name: GREEN VALLEY ESTATES
municipality: BRADFORD EAST, ON.
project no.: 16023

date: SEPT. 2021
SECOND FLOOR PLAN 'A'
drawing no.: 3

drawn by: NC
checked by: JWM
scale: 3/16" = 1'-0"
file name: 16023-S38-20

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ARCHITECTURAL CONTROL REVIEW AND APPROVAL
APPROVED BY:
DATE: MAR 03, 2022
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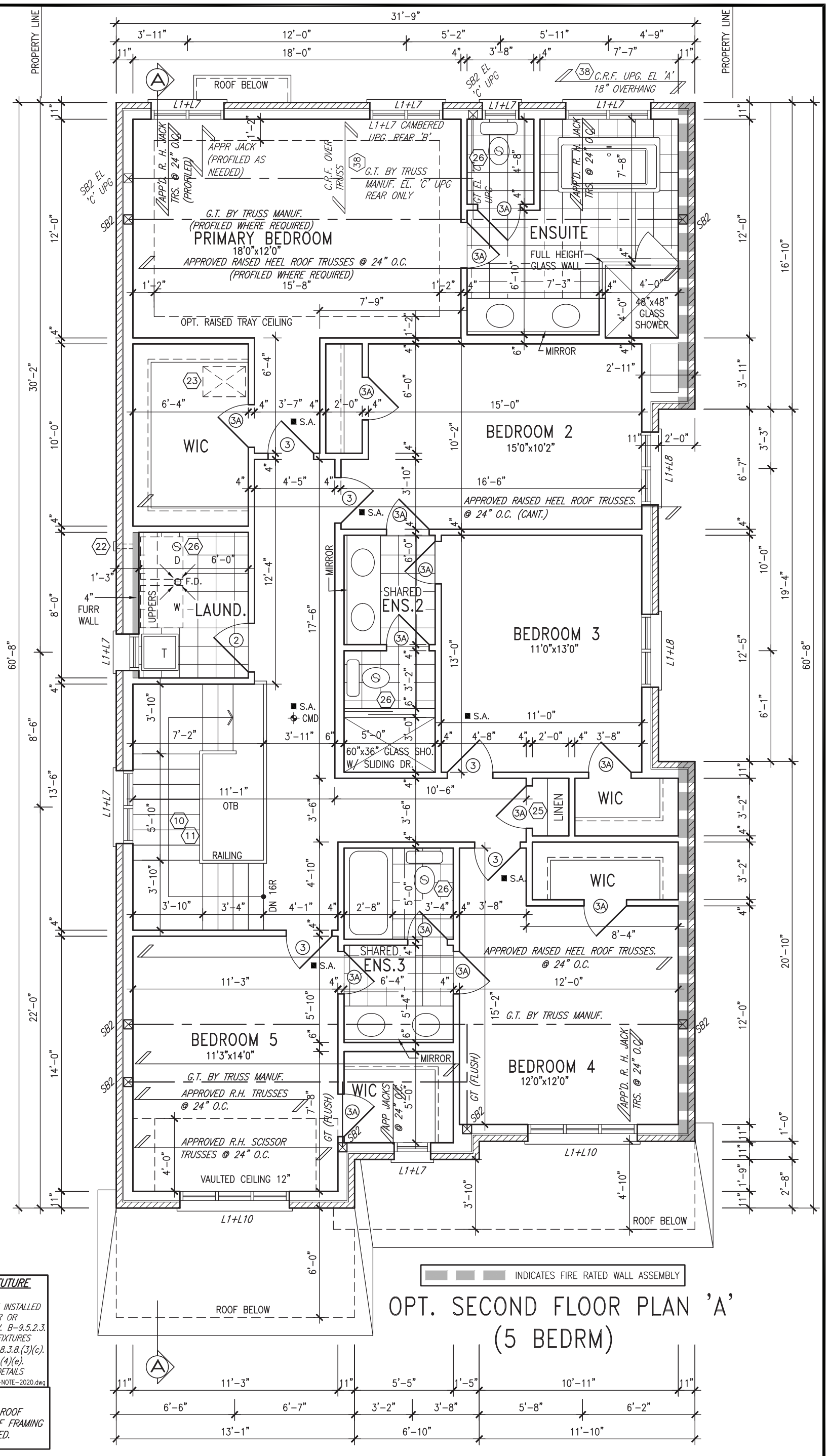

GRAB BAR NOTE:

STUD WALL REINFORCEMENT FOR FUTURE GRAB BARS IN MAIN BATHROOM

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GB-NOTE-2020.dwg

NOTE: ROOF FRAMING

ROOF TRUSS INFORMATION REFER TO ROOF TRUSS SHOP DRAWINGS FOR ALL ROOF FRAMING INFORMATION UNLESS OTHERWISE NOTED.

INDICATES FIRE RATED WALL ASSEMBLY

OPT. SECOND FLOOR PLAN 'A' (5 BEDRM)

S. J. BOYD 90214198 PROVINCE OF ONTARIO LICENSED PROFESSIONAL ENGINEER
MAR 1, 2022

no.	description	date	by
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3	REVISED AS PER ENG COMMENTS	MAR 01-22	RC
2	REVISED AS PER FLOOR / ROOF LAYOUTS	FEB 24-22	RC
1	ISSUED FOR CLIENT REVIEW	NOV 23-21	VA3

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qualification information
Wellington Jno-Baptiste — 25591
name — signature — BCIN
registration information
VA3 Design Inc. — 42658

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va3design.com

BAYVIEW WELLINGTON — S38-20 -

project name: GREEN VALLEY ESTATES — municipality: BRADFORD EAST, ON. — project no.: 16023

date: SEPT. 2021 — OPT. SECOND FLR. PLAN 'A' (5 BR.) — drawing no.: 4

drawn by: NC — checked by: JWM — scale: 3/16" = 1'-0" — file name: 16023-S38-20

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APPROVED BY:
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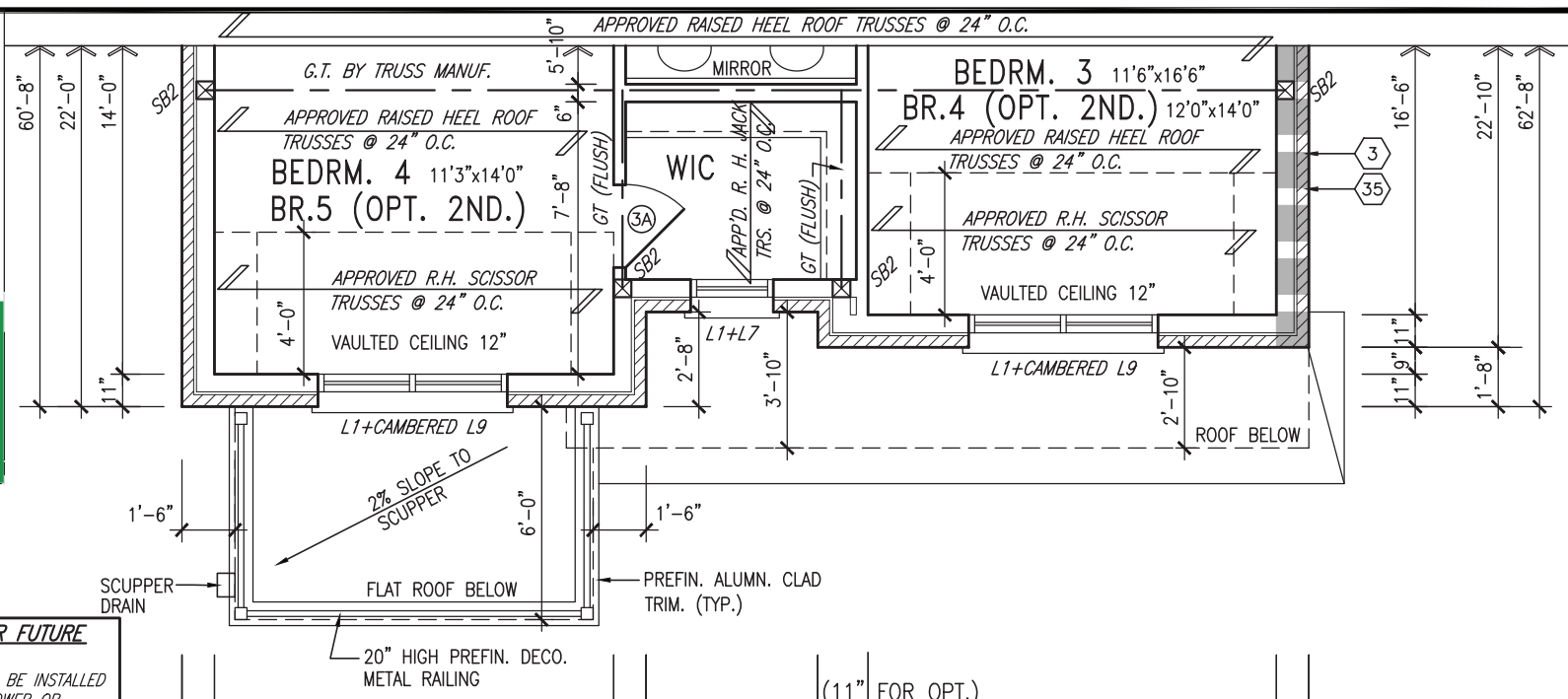


PARTIAL STD./OPT. SECOND FLOOR PLAN 'B'

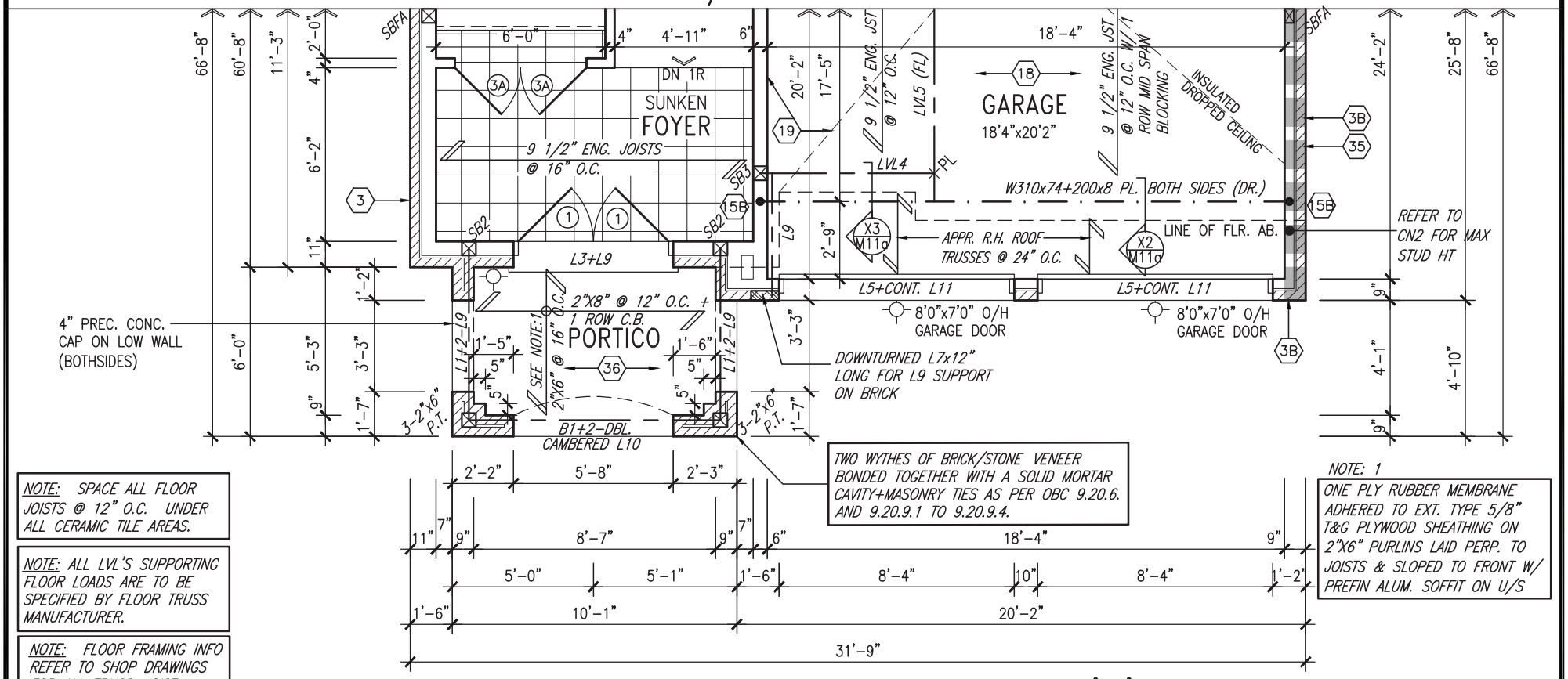
GRAB BAR NOTE:

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 PER OBC. DIV. B-9.5.2.3. REFER TO FOLLOWING SECTIONS FOR THE FIXTURES LISTED. WATER CLOSET: 3.8.3.8.(3)(a) & 3.8.3.8.(3)(c). SHOWER 3.8.3.13.(2)(g). BATHTUB 3.8.3.13.(4)(e). FREE STANDING BATHTUB EXCLUDED. SEE DETAILS PROVIDED.

GB-NOTE-2020.dwg

NOTE: ROOF FRAMING
ROOF TRUSS INFORMATION REFER TO ROOF TRUSS SHOP DRAWINGS FOR ALL ROOF FRAMING INFORMATION UNLESS OTHERWISE NOTED.



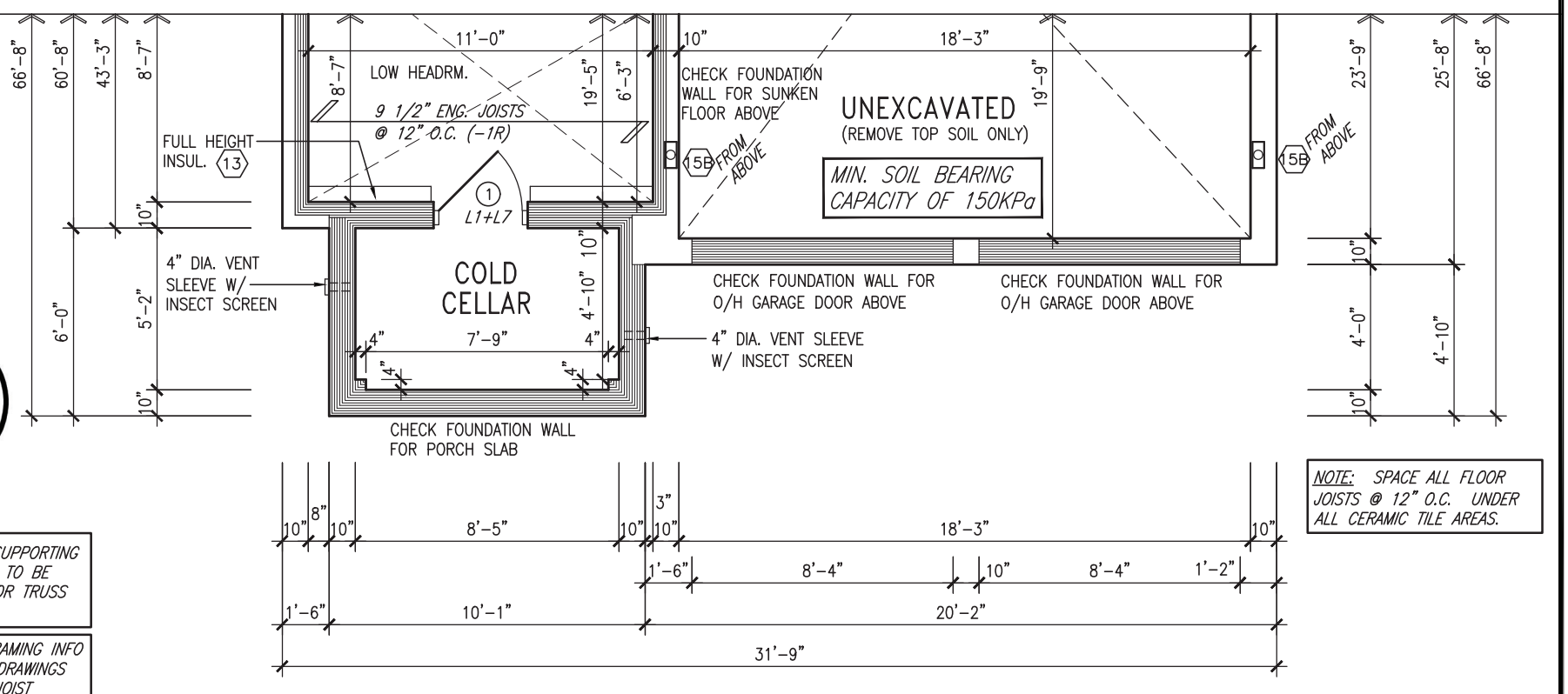
NOTE: SPACE ALL FLOOR JOISTS @ 12" O.C. UNDER ALL CERAMIC TILE AREAS.

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

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

NOTE: 1
ONE PLY RUBBER MEMBRANE ADHERED TO EXT. TYPE 5/8" T&G PLYWOOD SHEATHING ON 2"X6" PURLINS LAID PERP. TO JOISTS & SLOPED TO FRONT W/ PREFIN ALUM. SOFFIT ON U/S

PARTIAL GROUND FLOOR PLAN 'B'



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

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

NOTE J1: 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.

PARTIAL BASEMENT PLAN 'B'

LICENSED PROFESSIONAL ENGINEER S. J. BOYD 90214198 PROVINCE OF ONTARIO
MAR 1, 2022

no.	description	date	by
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3	REVISED AS PER ENG COMMENTS	MAR 01-22	RC
2	REVISED AS PER FLOOR / ROOF LAYOUTS	FEB 24-22	RC
1	ISSUED FOR CLIENT REVIEW	NOV 23-21	VA3

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qualification information
Wellington Jno-Baptiste — 25591
name — signature — BCIN
registration information
VA3 Design Inc. — 42658

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t 416.630.2255 f 416.630.4782
va3design.com

BAYVIEW WELLINGTON — S38-20 -

project name: GREEN VALLEY ESTATES — municipality: BRADFORD EAST, ON. — project no.: 16023

date: SEPT. 2021 — PART. FLOOR PLAN 'B' — drawing no.: 5

drawn by: NC — checked by: JWM — scale: 3/16" = 1'-0" — file name: 16023-S38-20

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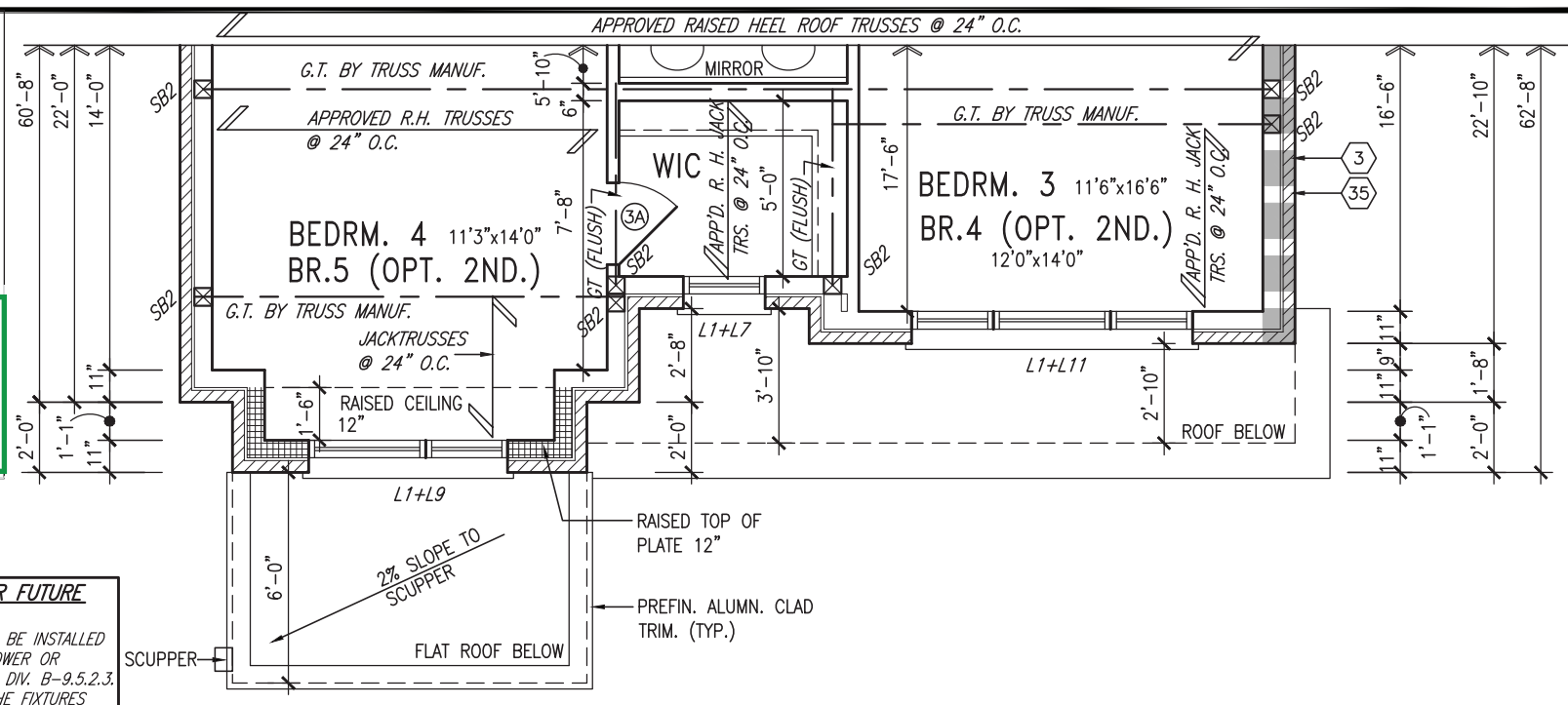
JOHN G. WILLIAMS LTD., ARCHITECT
ARCHITECTURAL CONTROL REVIEW AND APPROVAL
APPROVED BY:
DATE: MAR 03, 2022
This stamp certifies compliance with the applicable Design Guidelines only and bears no further professional responsibility.



PARTIAL STD./OPT. SECOND FLOOR PLAN 'C'

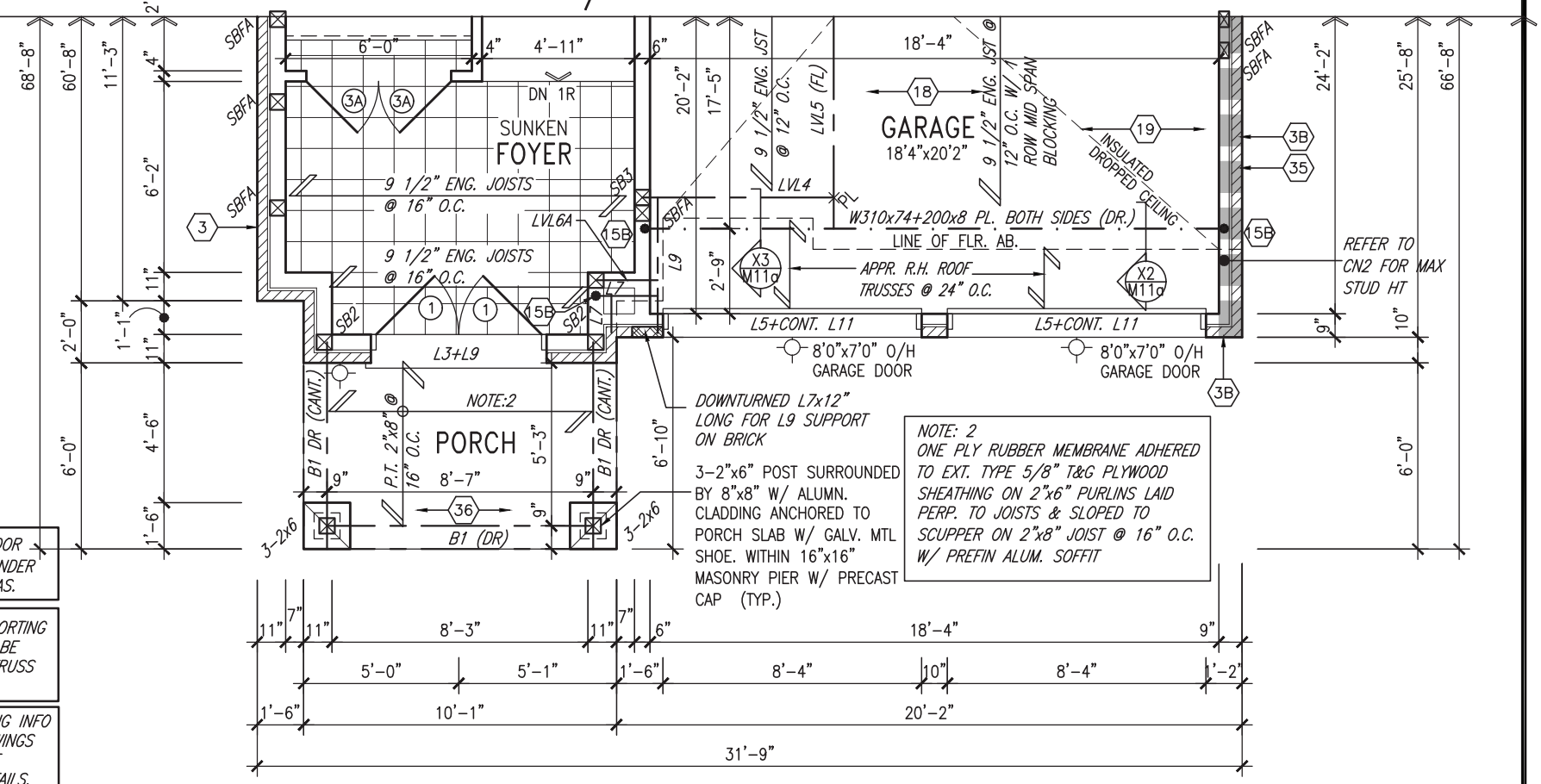
GRAB BAR NOTE:

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 PER OBC. DIV. B-9.5.2.3. REFER TO FOLLOWING SECTIONS FOR THE FIXTURES LISTED. WATER CLOSET: 3.8.3.8.(3)(a) & 3.8.3.8.(3)(c). SHOWER 3.8.3.13.(2)(g). BATHTUB 3.8.3.13.(4)(e). FREE STANDING BATHTUB EXCLUDED. SEE DETAILS PROVIDED. GB-NOTE-2020.dwg

NOTE: ROOF FRAMING

ROOF TRUSS INFORMATION REFER TO ROOF TRUSS SHOP DRAWINGS FOR ALL ROOF FRAMING INFORMATION UNLESS OTHERWISE NOTED.

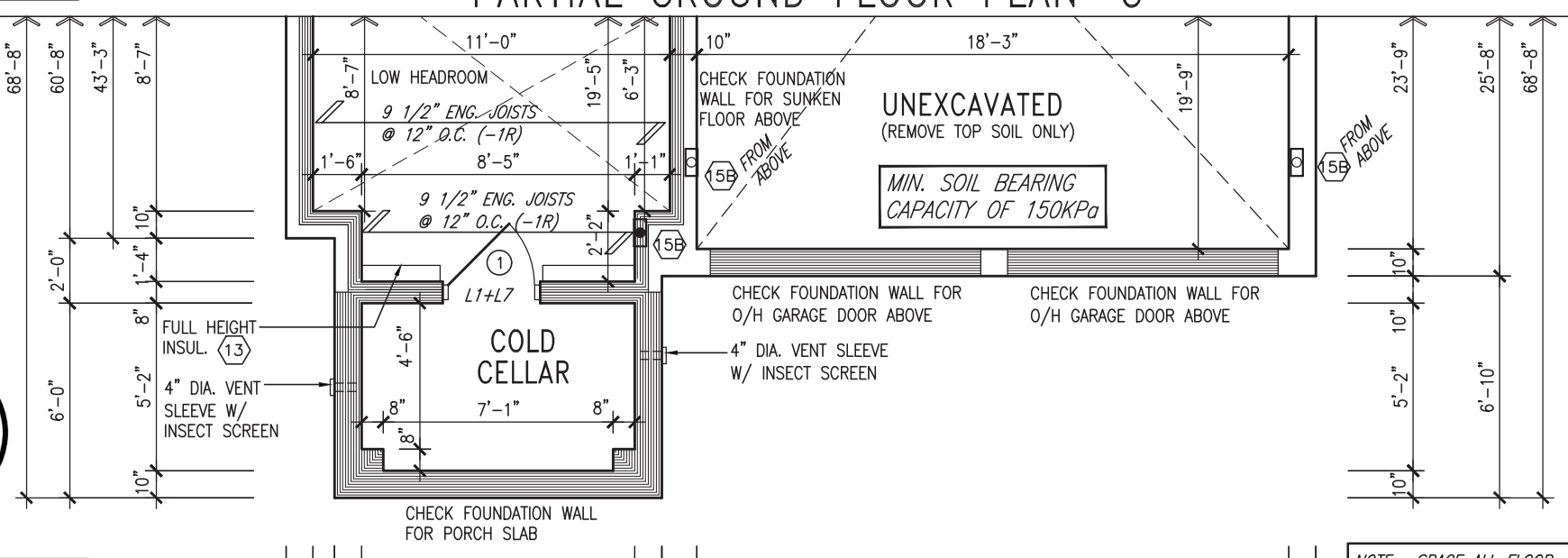


NOTE: SPACE ALL FLOOR JOISTS @ 12" O.C. UNDER ALL CERAMIC TILE AREAS.

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

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

PARTIAL GROUND FLOOR PLAN 'C'



S. J. BOYD 90214198 LICENSED PROFESSIONAL ENGINEER PROVINCE OF ONTARIO
MAR 1, 2022

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

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

NOTE J1: 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.

PARTIAL BASEMENT PLAN 'C'

no.	description	date	by
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3	REVISED AS PER ENG COMMENTS	MAR 01-22	RC
2	REVISED AS PER FLOOR / ROOF LAYOUTS	FEB 24-22	RC
1	ISSUED FOR CLIENT REVIEW	NOV 23-21	VA3

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 / signature / BCIN
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
255 Consumers Rd Suite 120
Toronto ON M2J 1R4
t 416.630.2255 f 416.630.4782
va3design.com

BAYVIEW WELLINGTON — S38-20 -

project name: GREEN VALLEY ESTATES — municipality: BRADFORD EAST, ON. — project no.: 16023

date: SEPT. 2021 — PART. FLOOR PLAN 'C' — drawing no.: 6

drawn by: NC — checked by: JWM — scale: 3/16" = 1'-0" — file name: 16023-S38-20

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JOHN G. WILLIAMS LTD., ARCHITECT
ARCHITECTURAL CONTROL REVIEW AND APPROVAL
APPROVED BY:
DATE: MAR 03, 2022
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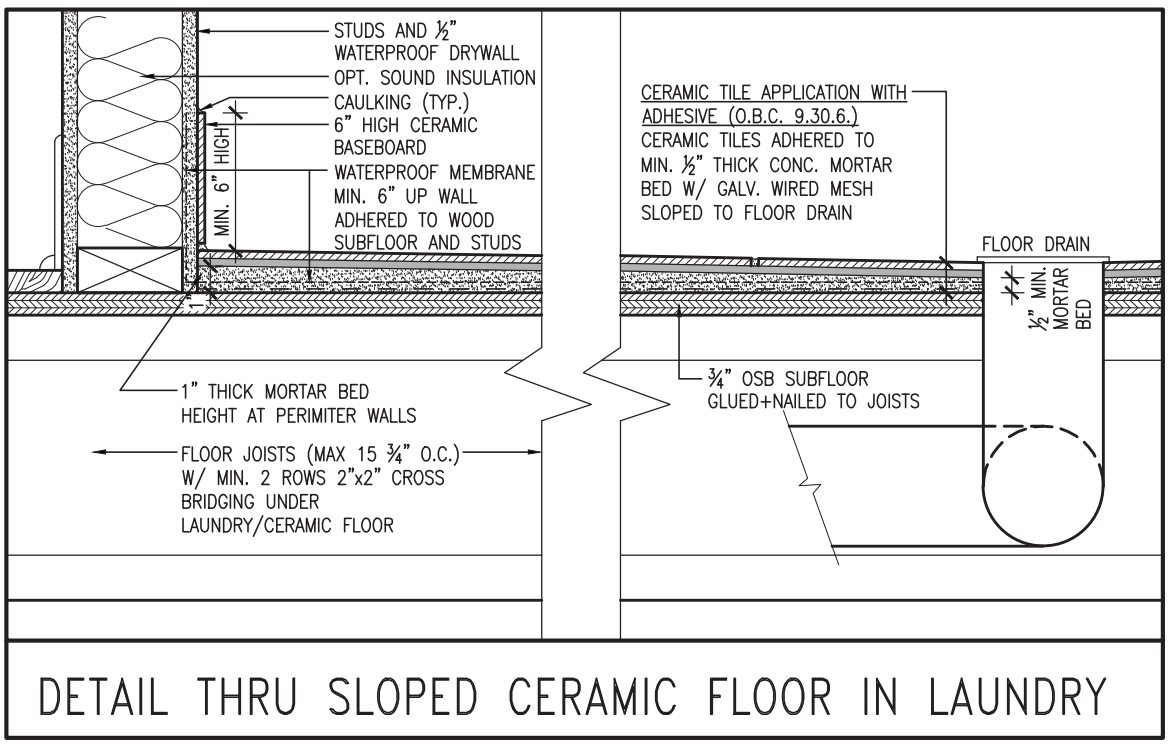
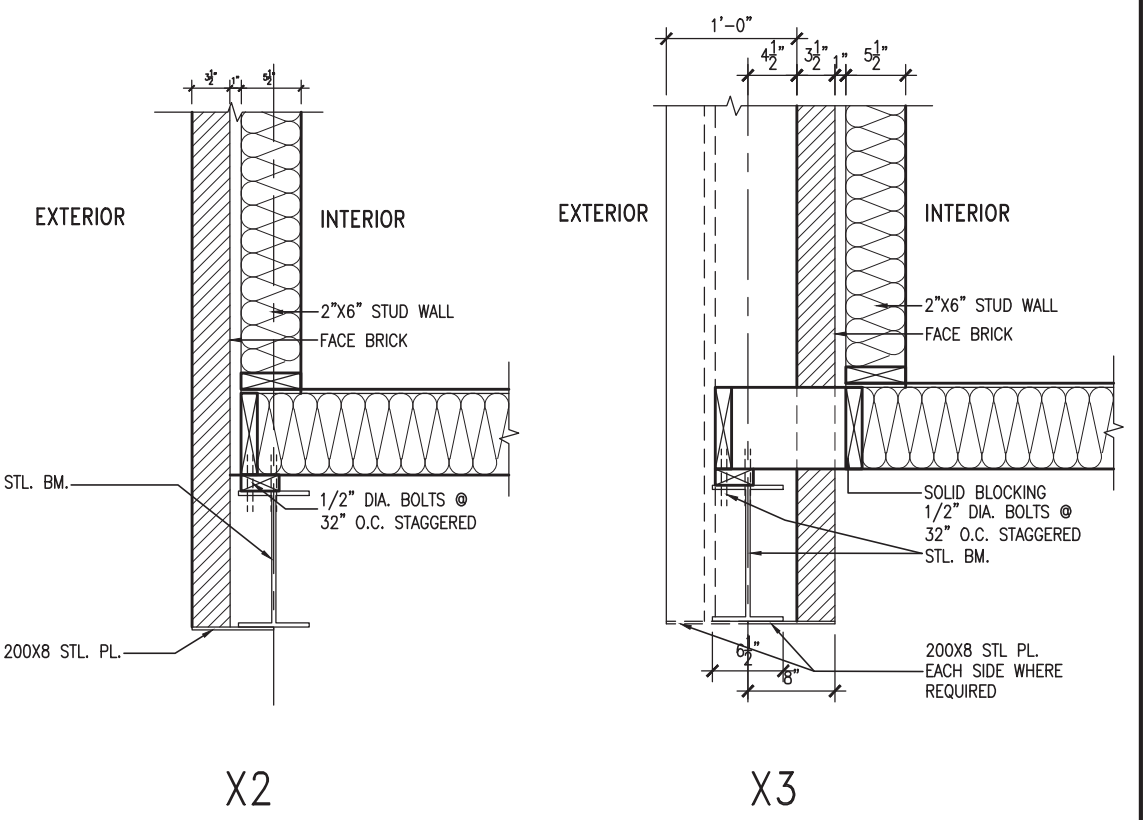


DETAIL THRU SLOPED CERAMIC FLOOR IN LAUNDRY

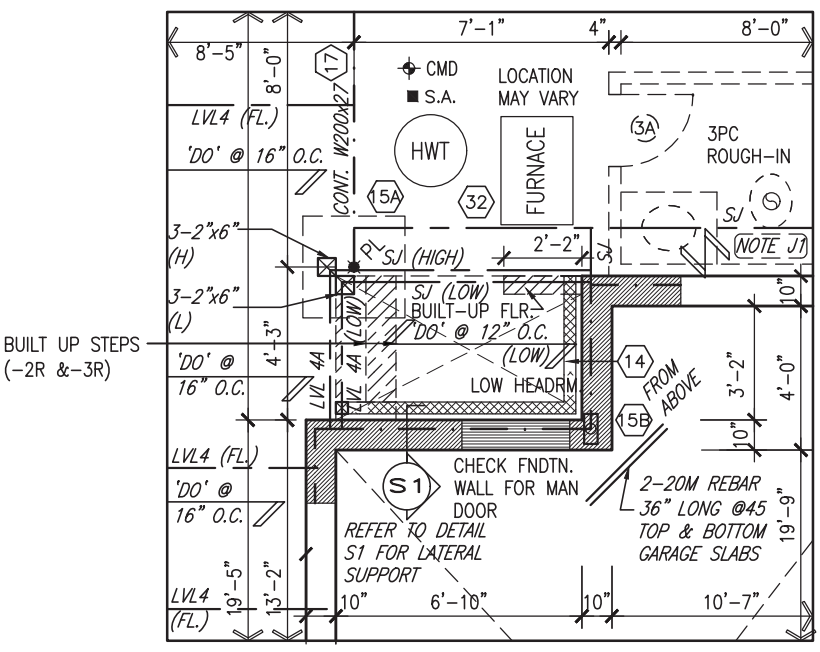


X2 X3

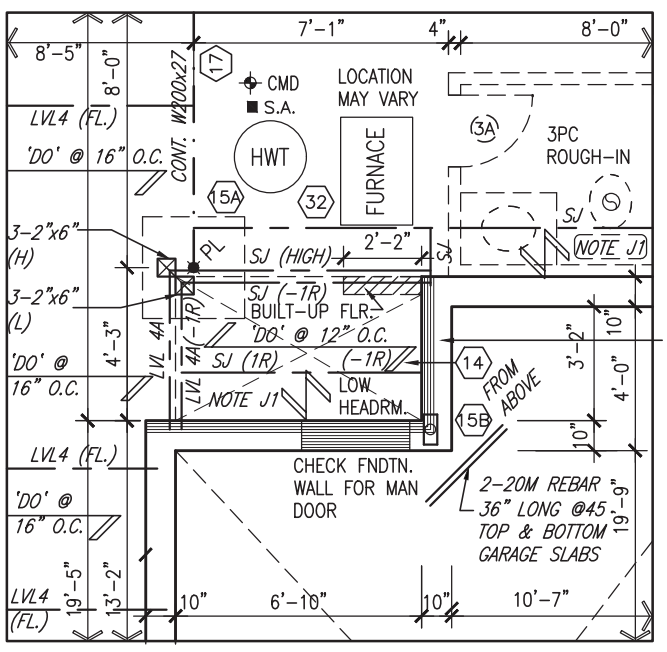
M11a 12" WALL JOG
SCALE: N.T.S.

MAR 1, 2022

AREA CALCULATIONS			
	ELEV. A	ELEV. B	ELEV. C
GROUND FLOOR AREA	1462.1 SF	1462.1 SF	1483.5 SF
SECOND FLOOR AREA	1825.9 SF	1851.6 SF	1871.7 SF
SUBTOTAL	3288.0 SF	3313.7 SF	3355.3 SF
DEDUCT ALL OPENINGS	25.8 SF	25.8 SF	25.8 SF
TOTAL NET AREA	**3262 SF**	**3288 SF**	**3329 SF**
	303.1 m2	305.4 m2	309.3 m2
FINISHED BSMT AREA	0 SF	0 SF	0 SF
TOTAL NET AREA	**3262 SF**	**3288 SF**	**3329 SF**
W/ FIN BSMT	303.1 m2	305.4 m2	309.3 m2
COVERAGE W/O PORCH	1917.3 SF	1918.6 SF	1937.9 SF
	178.1 m2	178.2 m2	180.0 m2
COVERAGE W/PORCH	1994.4 SF	1978.2 SF	1998.4 SF
	185.3 m2	183.8 m2	185.7 m2



PART. SUNKEN MUD ROOM (2-3R)



PART. SUNKEN MUD ROOM (-1R)

no.	description	date	by
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3	REVISED AS PER ENG COMMENTS	MAR 01-22	RC
2	REVISED AS PER FLOOR / ROOF LAYOUTS	FEB 24-22	RC
1	ISSUED FOR CLIENT REVIEW	NOV 23-21	VA3

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qualification information: Wellington Jno-Baptiste — 25591
name / signature / BCIN
registration information: VA3 Design Inc. — 42658

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va3design.com

BAYVIEW WELLINGTON — S38-20 -
project name: GREEN VALLEY ESTATES — municipality: BRADFORD EAST, ON. — project no.: 16023
date: SEPT. 2021 — PART. FLOOR PLAN 'C' — drawing no.: 7
drawn by: NC — checked by: JWM — scale: 3/16" = 1'-0" — file name: 16023-S38-20
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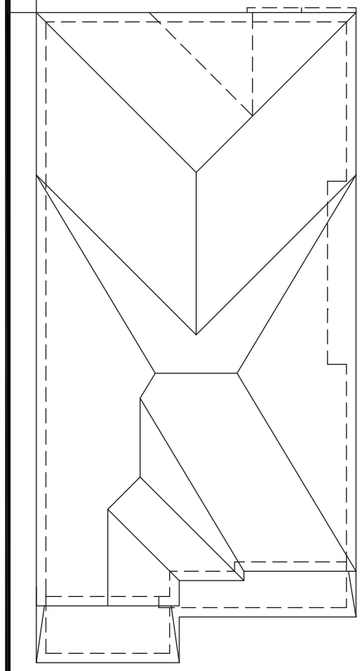
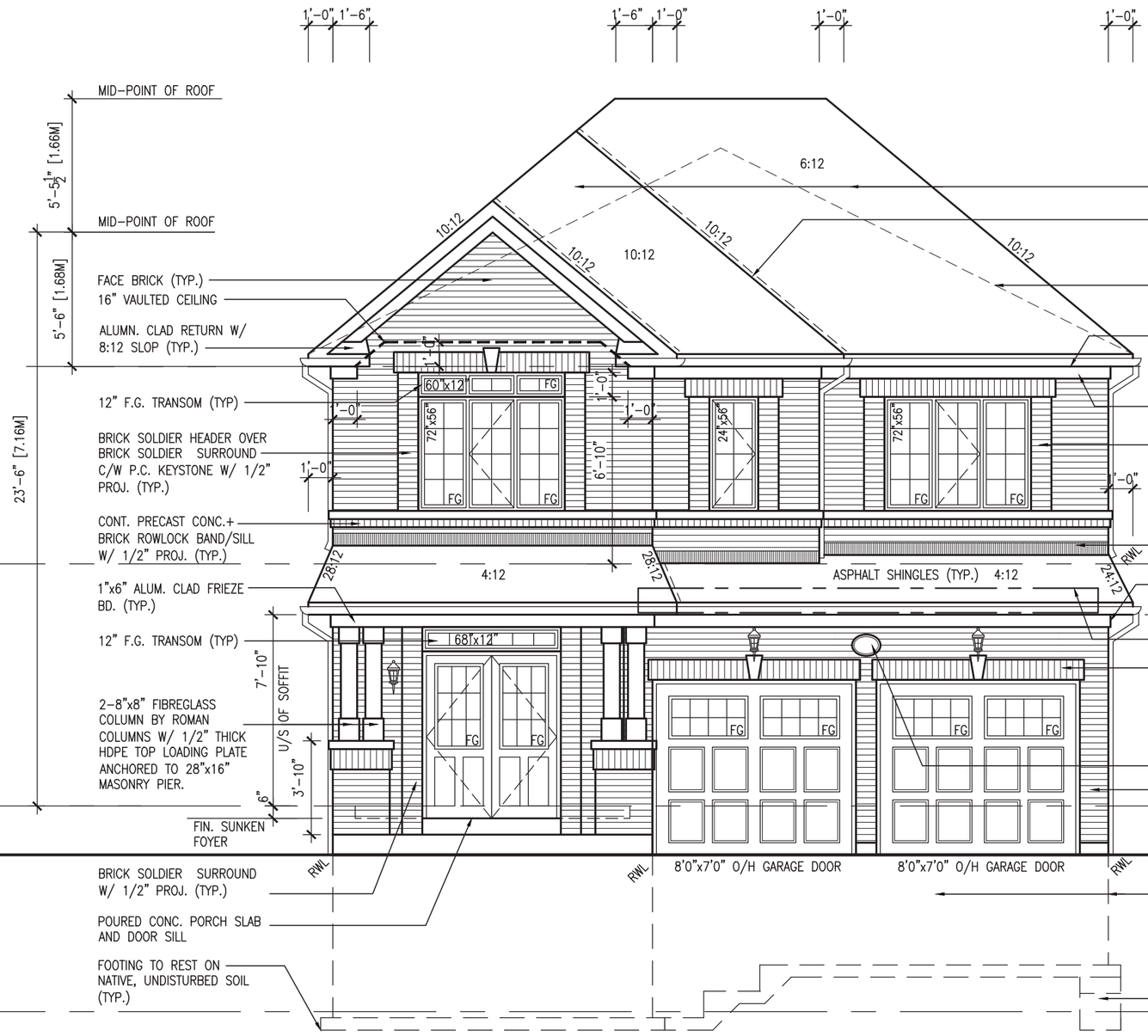


ROOF PLAN 'A'



FACE BRICK

STUCCO FINISH

RENAISSANCE STONE

ALUMINUM PANEL

FRONT ELEVATION 'A'

LICENSED PROFESSIONAL ENGINEER
S. J. BOYD
90214198
PROVINCE OF ONTARIO
MAR 1, 2022

S38-20 -

project no. 16023

drawing no. 8

BAYVIEW WELLINGTON

municipality BRADFORD EAST, ON.

project name GREEN VALLEY ESTATES

FRONT ELEVATION 'A'

date SEPT. 2021
drawn by NC
checked by JWM
scale 3/16" = 1'-0"
file name 16023-S38-20

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t 416.630.2255 f 416.630.4782
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qualification information — Wellington Jno-Baptiste — 25591 — BCIN

registration information — VA3 Design Inc. — 42658

Signature

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2	REVISED AS PER FLOOR / ROOF LAYOUTS	FEB 24-22	RC
1	ISSUED FOR CLIENT REVIEW	NOV 23-21	VA3

LICENSED PROFESSIONAL ENGINEER
S. J. BOYD
90214198
PROVINCE OF ONTARIO
[illegible]

MAR 1, 2022

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JOHN G. WILLIAMS LTD., ARCHITECT
ARCHITECTURAL CONTROL REVIEW AND APPROVAL
APPROVED BY: [illegible]
DATE: MAR 03, 2022
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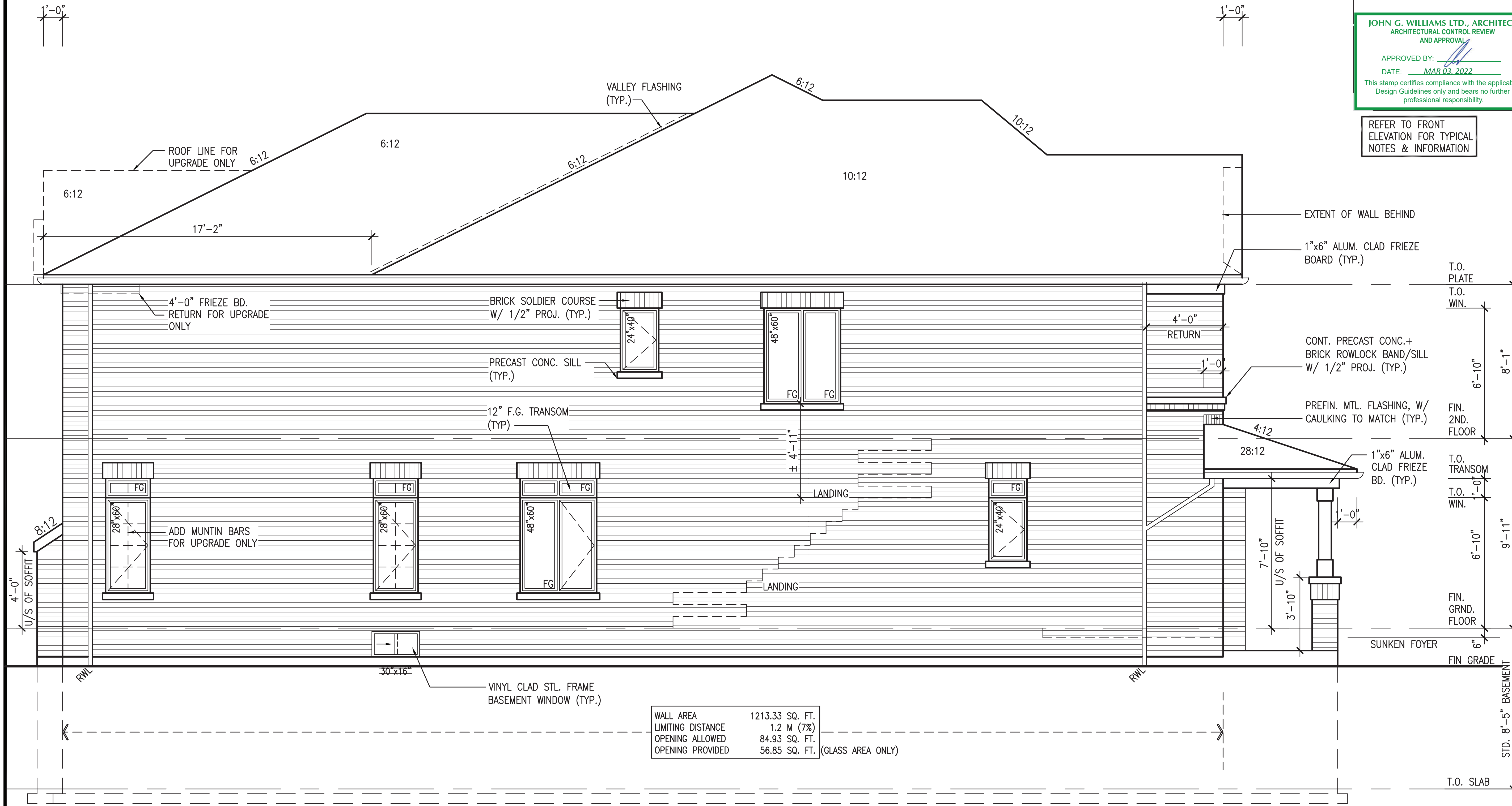
REFER TO FRONT ELEVATION FOR TYPICAL NOTES & INFORMATION



WALL AREA	1213.33 SQ. FT.	
LIMITING DISTANCE	1.2 M (7%)	
OPENING ALLOWED	84.93 SQ. FT.	
OPENING PROVIDED	56.85 SQ. FT.	(GLASS AREA ONLY)

LEFT SIDE ELEVATION 'A'

S38-20

project no. 16023

drawing no. 9

project name GREEN VALLEY ESTATES

BAYVIEW WELLINGTON

municipality BRADFORD EAST, ON.

LEFT SIDE ELEVATION 'A'

date SEPT. 2021
drawn by NC
checked by JWM
scale 3/16" = 1'-0"
file name 16023-S38-20

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qualification information
Wellington Jno-Baptiste [illegible] 25591
name signature BCIN
registration information
VA3 Design Inc. 42658

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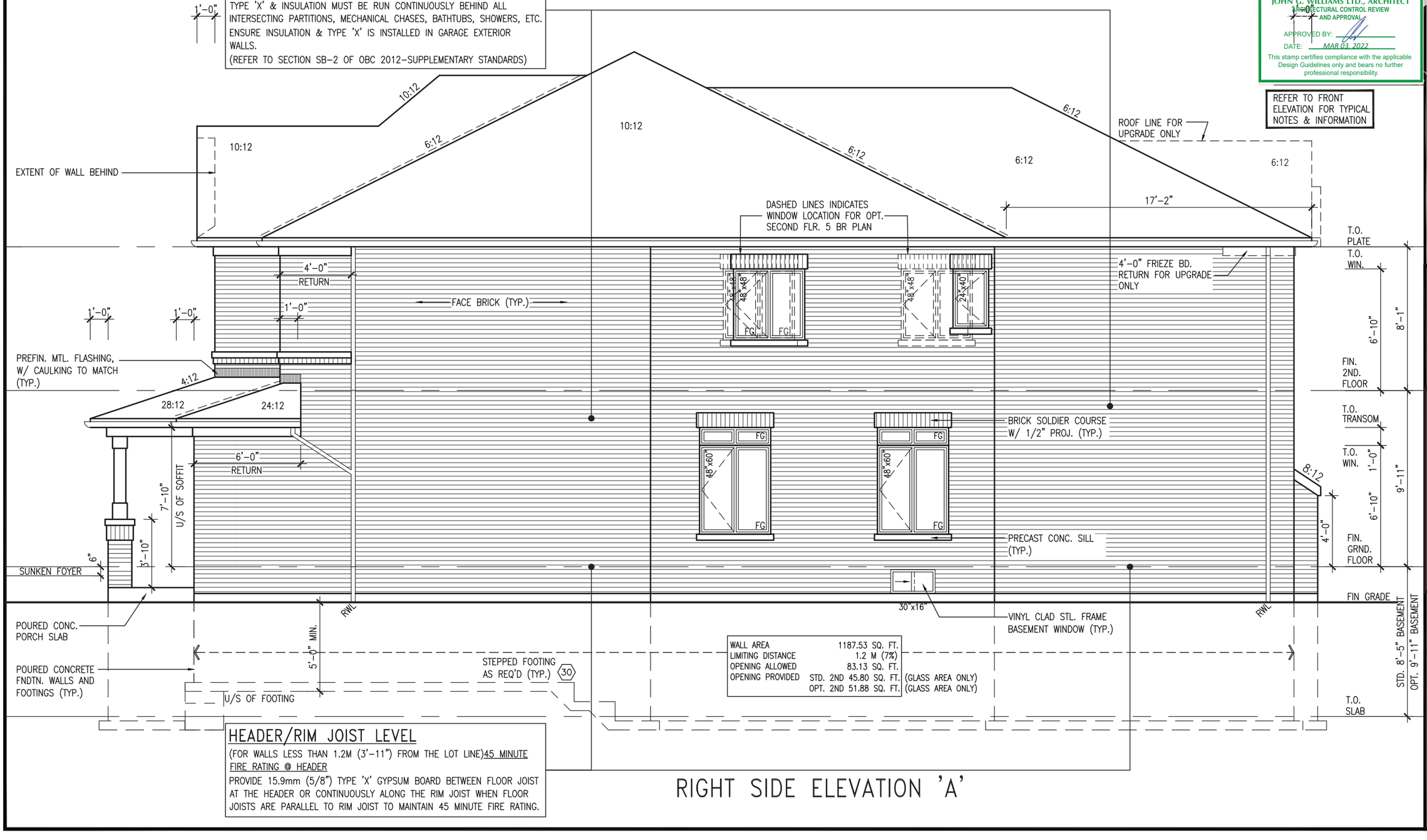
3	REVISED AS PER ENG COMMENTS	MAR 01-22	RC
2	REVISED AS PER FLOOR / ROOF LAYOUTS	FEB 24-22	RC
1	ISSUED FOR CLIENT REVIEW	NOV 23-21	VA3

BRICK VENEER CONSTRUCTION

(FOR WALLS LESS THAN 1.2M (3'–11") FROM THE LOT LINE)
45 MINUTE FIRE RATED WALL

PROVIDE A CONTINUOUS LAYER OF 12.7mm (1/2") TYPE 'X' GYPSUM BOARD (INTERIOR SIDE) INSTALLED SO THAT ALL EDGES ARE SUPPORTED, TAPED AND FILLED. SPACE BETWEEN WOOD STUDS TO BE FILLED WITH INSULATION CONFORMING TO CAN/ULC–S702, "MINERAL FIBRE THERMAL INSULATION FOR BUILDINGS" WITH A MASS OF NOT LESS THAN 1.22 Kg/SQ.M. AND MUST FILL AT LEAST 90% OF THE CAVITY THICKNESS. THE TYPE 'X' & INSULATION MUST BE RUN CONTINUOUSLY BEHIND ALL INTERSECTING PARTITIONS, MECHANICAL CHASES, BATHTUBS, SHOWERS, ETC. ENSURE INSULATION & TYPE 'X' IS INSTALLED IN GARAGE EXTERIOR WALLS.

(REFER TO SECTION SB–2 OF OBC 2012–SUPPLEMENTARY STANDARDS)



WALL AREA	1187.53 SQ. FT.
LIMITING DISTANCE	1.2 M (7%)
OPENING ALLOWED	83.13 SQ. FT.
OPENING PROVIDED	STD. 2ND 45.80 SQ. FT. (GLASS AREA ONLY)
	OPT. 2ND 51.88 SQ. FT. (GLASS AREA ONLY)

HEADER/RIM JOIST LEVEL

(FOR WALLS LESS THAN 1.2M (3'–11") FROM THE LOT LINE)45 MINUTE FIRE RATING @ HEADER

PROVIDE 15.9mm (5/8") TYPE 'X' GYPSUM BOARD BETWEEN FLOOR JOIST AT THE HEADER OR CONTINUOUSLY ALONG THE RIM JOIST WHEN FLOOR JOISTS ARE PARALLEL TO RIM JOIST TO MAINTAIN 45 MINUTE FIRE RATING.

RIGHT SIDE ELEVATION 'A'

LICENSED PROFESSIONAL ENGINEER
S. J. BOYD
90214198
PROVINCE OF ONTARIO
MAR 1, 2022

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JOHN G. WILLIAMS LTD., ARCHITECT
ARCHITECTURAL CONTROL REVIEW AND APPROVAL
APPROVED BY:
DATE: MAR 03, 2022
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REFER TO FRONT ELEVATION FOR TYPICAL NOTES & INFORMATION

S38–20 – project no. 16023

BAYVIEW WELLINGTON

project name: GREEN VALLEY ESTATES
municipality: BRADFORD EAST, ON.
RIGHT SIDE ELEVATION 'A'
drawing no. 10
date: SEPT. 2021
drawn by: NC
checked by: JWM
scale: 3/16" = 1'–0"
file name: 16023-S38-20
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VA3 DESIGN
255 Consumers Rd Suite 120
Toronto ON M2J 1R4
t 416.630.2255 f 416.630.4782
va3design.com

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
registration information: VA3 Design Inc.
signature
BCIN: 25591
BCIN: 42658

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

no.	description	date	by
1	ISSUED FOR CLIENT REVIEW	NOV 23–21	VA3
2	REVISED AS PER FLOOR / ROOF LAYOUTS	FEB 24–22	RC
3	REVISED AS PER ENG COMMENTS	MAR 01–22	RC
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APPROVED BY:
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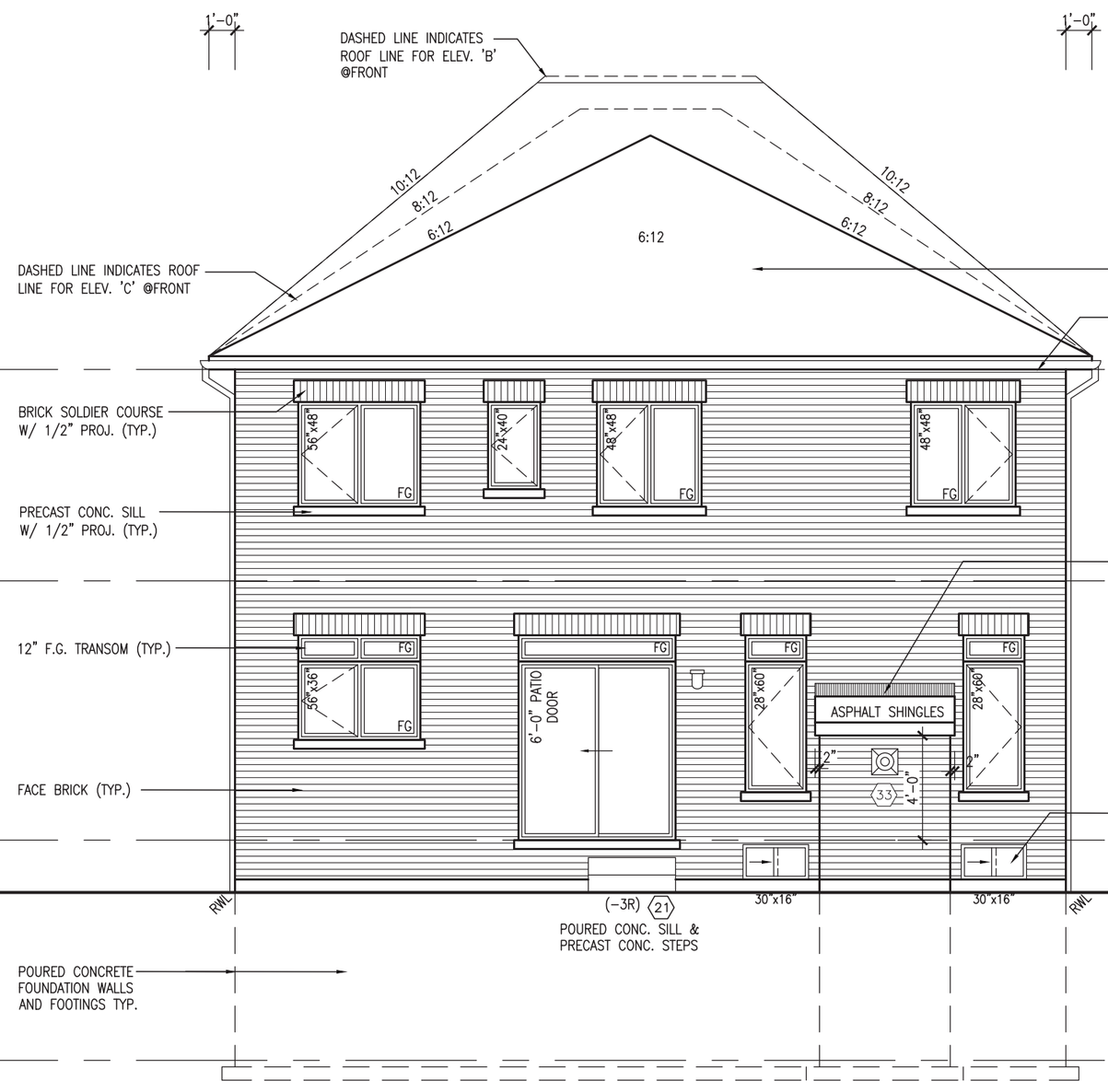
REFER TO FRONT ELEVATION FOR TYPICAL NOTES & INFORMATION

LICENSED PROFESSIONAL ENGINEER
S. J. BOYD
90214198
PROVINCE OF ONTARIO
MAR 1, 2022



REAR ELEVATION 'A'/'B'/'C'

BAYVIEW WELLINGTON — S38-20 -

project name: GREEN VALLEY ESTATES — municipality: BRADFORD EAST, ON.

REAR ELEVATION 'A'/'B'/'C'

date: SEPT. 2021 | drawn by: NC | checked by: JWM | scale: 3/16" = 1'-0" | project no. 16023 | drawing no. 11 | file name 16023-S38-20

VA3 DESIGN
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Toronto ON M2J 1R4
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signature
25591
BCIN 42658

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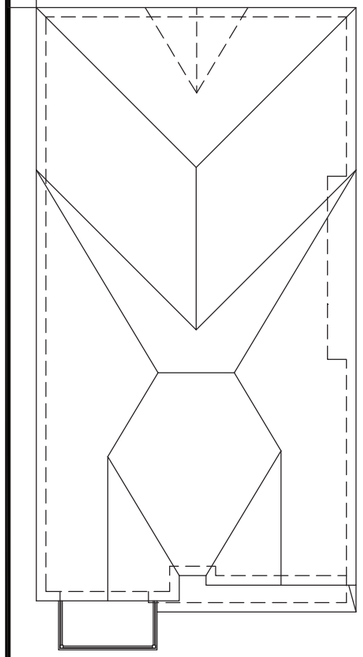
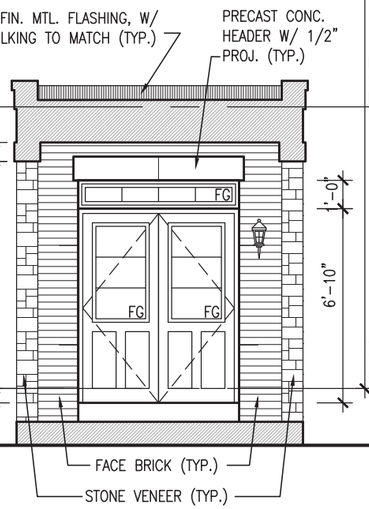
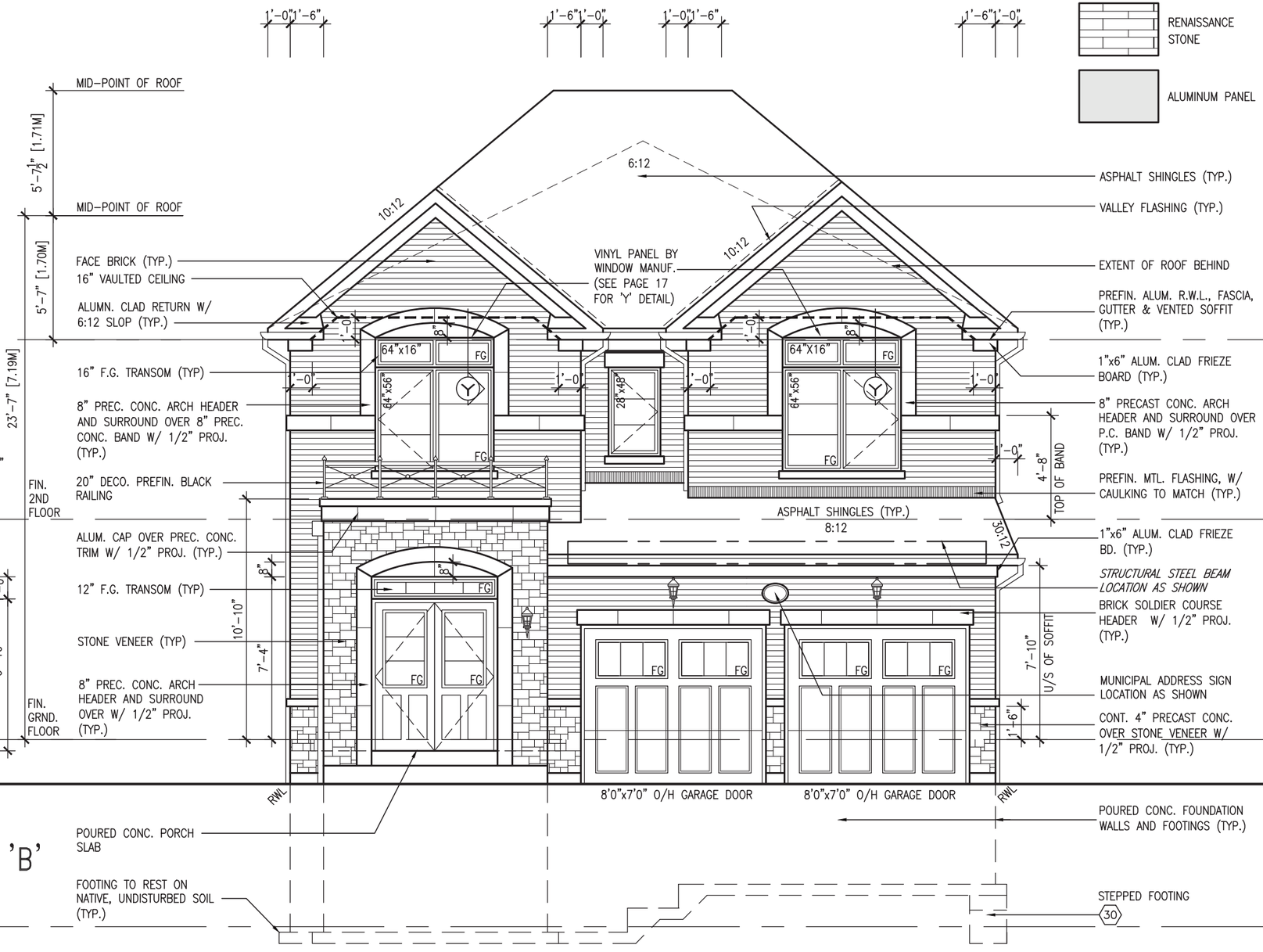


ROOF PLAN 'B'



PORTICO ELEVATION 'B'



FRONT ELEVATION 'B'

LICENSED PROFESSIONAL ENGINEER
S. J. BOYD
90214198
PROVINCE OF ONTARIO
MAR 1, 2022

FACE BRICK
STUCCO FINISH
RENAISSANCE STONE
ALUMINUM PANEL

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ARCHITECTURAL CONTROL REVIEW AND APPROVAL
APPROVED BY:
DATE: MAR 03, 2022
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S38-20 -

project no. 16023

BAYVIEW WELLINGTON

project name GREEN VALLEY ESTATES
municipality BRADFORD EAST, ON.

FRONT ELEVATION 'B'

drawing no. 12

date SEPT. 2021
drawn by NC
checked by JWM
scale 3/16" = 1'-0"
file name 16023-S38-20

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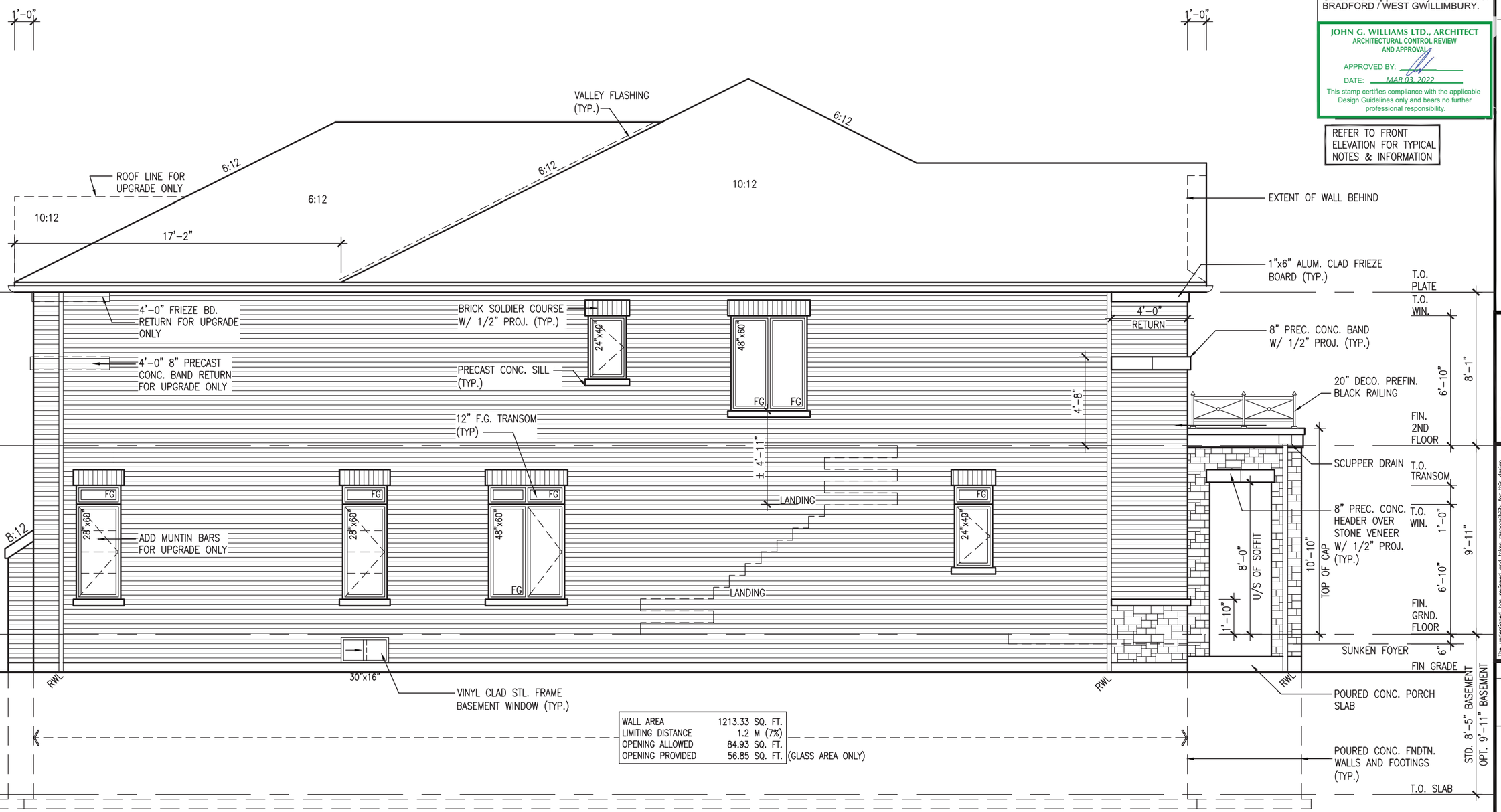
2	REVISED AS PER FLOOR / ROOF LAYOUTS	FEB 24-22	RC
1	ISSUED FOR CLIENT REVIEW	NOV 23-21	VA3



WALL AREA	1213.33 SQ. FT.
LIMITING DISTANCE	1.2 M (7%)
OPENING ALLOWED	84.93 SQ. FT.
OPENING PROVIDED	56.85 SQ. FT. (GLASS AREA ONLY)

LEFT SIDE ELEVATION 'B'

LICENSED PROFESSIONAL ENGINEER
S. J. BOYD
90214198
PROVINCE OF ONTARIO

MAR 1, 2022

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This is to certify that these plans comply with the applicable Architectural Design Guidelines approved by the Town of BRADFORD / WEST GWILLIMBURY.

JOHN G. WILLIAMS LTD., ARCHITECT
ARCHITECTURAL CONTROL REVIEW AND APPROVAL
APPROVED BY:
DATE: MAR 03, 2022
This stamp certifies compliance with the applicable Design Guidelines only and bears no further professional responsibility.

REFER TO FRONT ELEVATION FOR TYPICAL NOTES & INFORMATION

S38-20 -

project no. 16023

BAYVIEW WELLINGTON

municipality BRADFORD EAST, ON.

project name GREEN VALLEY ESTATES

LEFT SIDE ELEVATION 'B'

drawing no. 13

date SEPT. 2021 | drawn by NC | checked by JWM | scale 3/16" = 1'-0" | file name 16023-S38-20

VA3 DESIGN
255 Consumers Rd Suite 120
Toronto ON M2J 1R4
t 416.630.2255 f 416.630.4782
va3design.com

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
registration information VA3 Design Inc.
name | signature | BCIN 25591 | 42658

Contractor must verify all dimensions on the job and report any discrepancy to the Designer before proceeding with the work. All dimensions are in millimeters unless otherwise stated. The property of the Designer which must be returned at the completion of the work. Drawings are not to be scaled.

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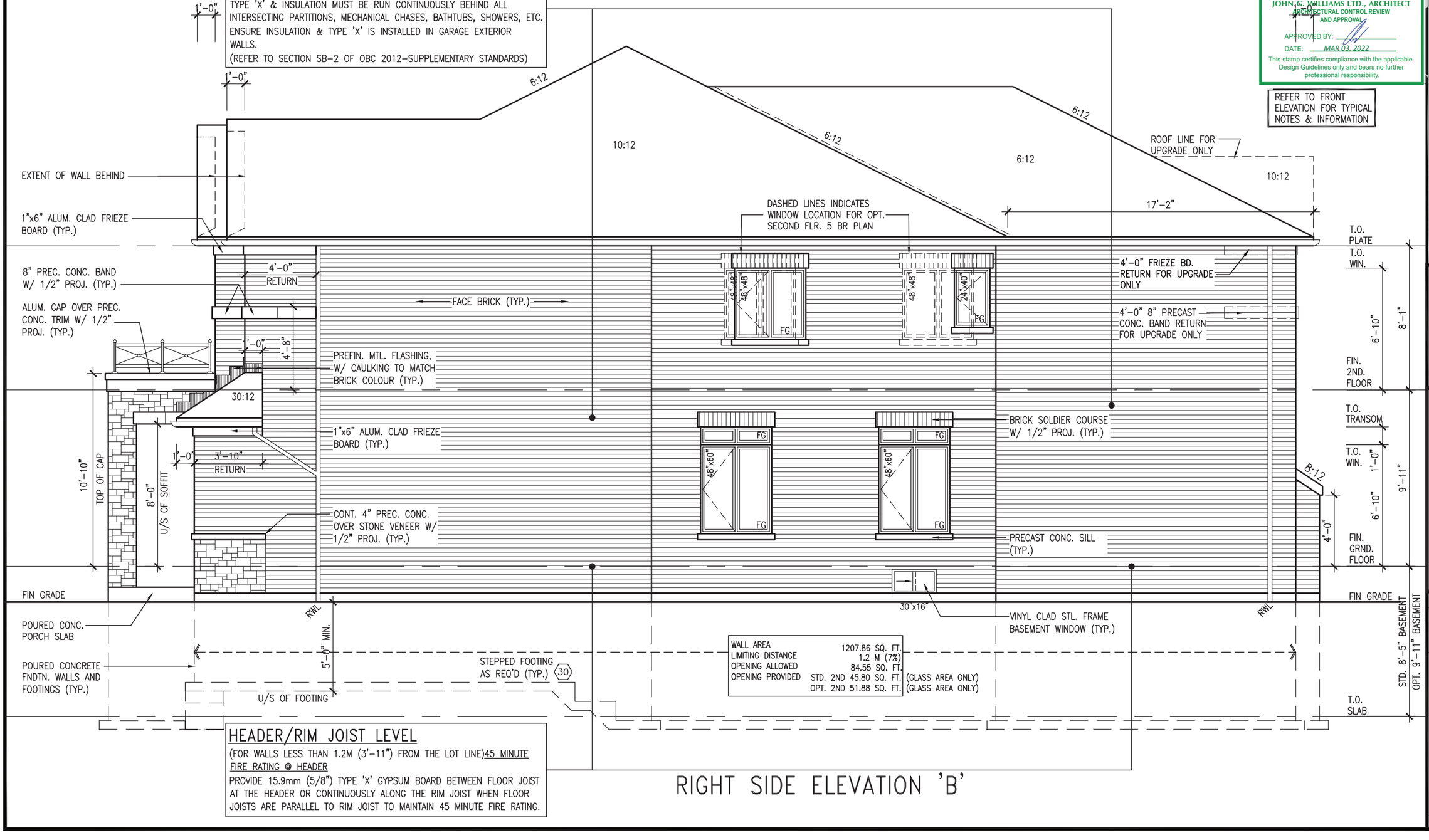
3	REVISED AS PER ENG COMMENTS	MAR 01-22	RC
2	REVISED AS PER FLOOR / ROOF LAYOUTS	FEB 24-22	RC
1	ISSUED FOR CLIENT REVIEW	NOV 23-21	VAJ

BRICK VENEER CONSTRUCTION

(FOR WALLS LESS THAN 1.2M (3'–11") FROM THE LOT LINE)
45 MINUTE FIRE RATED WALL

PROVIDE A CONTINUOUS LAYER OF 12.7mm (1/2") TYPE 'X' GYPSUM BOARD (INTERIOR SIDE) INSTALLED SO THAT ALL EDGES ARE SUPPORTED, TAPED AND FILLED. SPACE BETWEEN WOOD STUDS TO BE FILLED WITH INSULATION CONFORMING TO CAN/ULC–S702, "MINERAL FIBRE THERMAL INSULATION FOR BUILDINGS" WITH A MASS OF NOT LESS THAN 1.22 Kg/SQ.M. AND MUST FILL AT LEAST 90% OF THE CAVITY THICKNESS. THE TYPE 'X' & INSULATION MUST BE RUN CONTINUOUSLY BEHIND ALL INTERSECTING PARTITIONS, MECHANICAL CHASES, BATHTUBS, SHOWERS, ETC. ENSURE INSULATION & TYPE 'X' IS INSTALLED IN GARAGE EXTERIOR WALLS.

(REFER TO SECTION SB–2 OF OBC 2012–SUPPLEMENTARY STANDARDS)



WALL AREA	1207.86 SQ. FT.
LIMITING DISTANCE	1.2 M (7%)
OPENING ALLOWED	84.55 SQ. FT.
OPENING PROVIDED	STD. 2ND 45.80 SQ. FT. (GLASS AREA ONLY)
	OPT. 2ND 51.88 SQ. FT. (GLASS AREA ONLY)

HEADER/RIM JOIST LEVEL

(FOR WALLS LESS THAN 1.2M (3'–11") FROM THE LOT LINE)45 MINUTE FIRE RATING @ HEADER

PROVIDE 15.9mm (5/8") TYPE 'X' GYPSUM BOARD BETWEEN FLOOR JOIST AT THE HEADER OR CONTINUOUSLY ALONG THE RIM JOIST WHEN FLOOR JOISTS ARE PARALLEL TO RIM JOIST TO MAINTAIN 45 MINUTE FIRE RATING.

RIGHT SIDE ELEVATION 'B'

LICENSED PROFESSIONAL ENGINEER
S. J. BOYD
90214198
PROVINCE OF ONTARIO
MAR 1, 2022

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JOHN G. WILLIAMS LTD., ARCHITECT
ARCHITECTURAL CONTROL REVIEW AND APPROVAL
APPROVED BY:
DATE: MAR 03, 2022
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REFER TO FRONT ELEVATION FOR TYPICAL NOTES & INFORMATION

S38–20 – project no. 16023

BAYVIEW WELLINGTON

project name: GREEN VALLEY ESTATES
municipality: BRADFORD EAST, ON.
RIGHT SIDE ELEVATION 'B'
drawing no. 14
date: SEPT. 2021
drawn by: NC
checked by: JWM
scale: 3/16" = 1'–0"
file name: 16023–S38–20

VA3 DESIGN
255 Consumers Rd Suite 120
Toronto ON M2J 1R4
t 416.630.2255 f 416.630.4782
va3design.com

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 — BCIN
registration information: VA3 Design Inc. — 42658
signature

Contractor must verify all dimensions on the job and report any discrepancy to the designer before proceeding with the work. All drawings, specifications and documents instrumental in the preparation of the designer which must be returned at the completion of the work. Drawings are not to be scaled.

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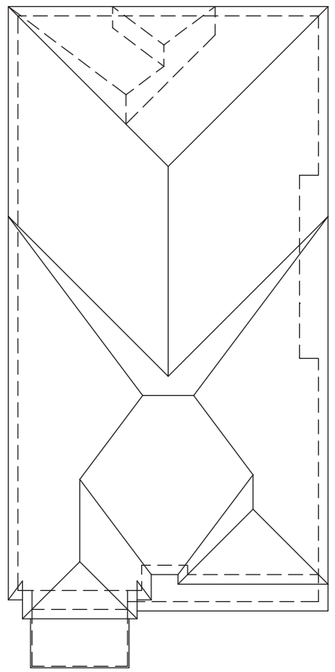
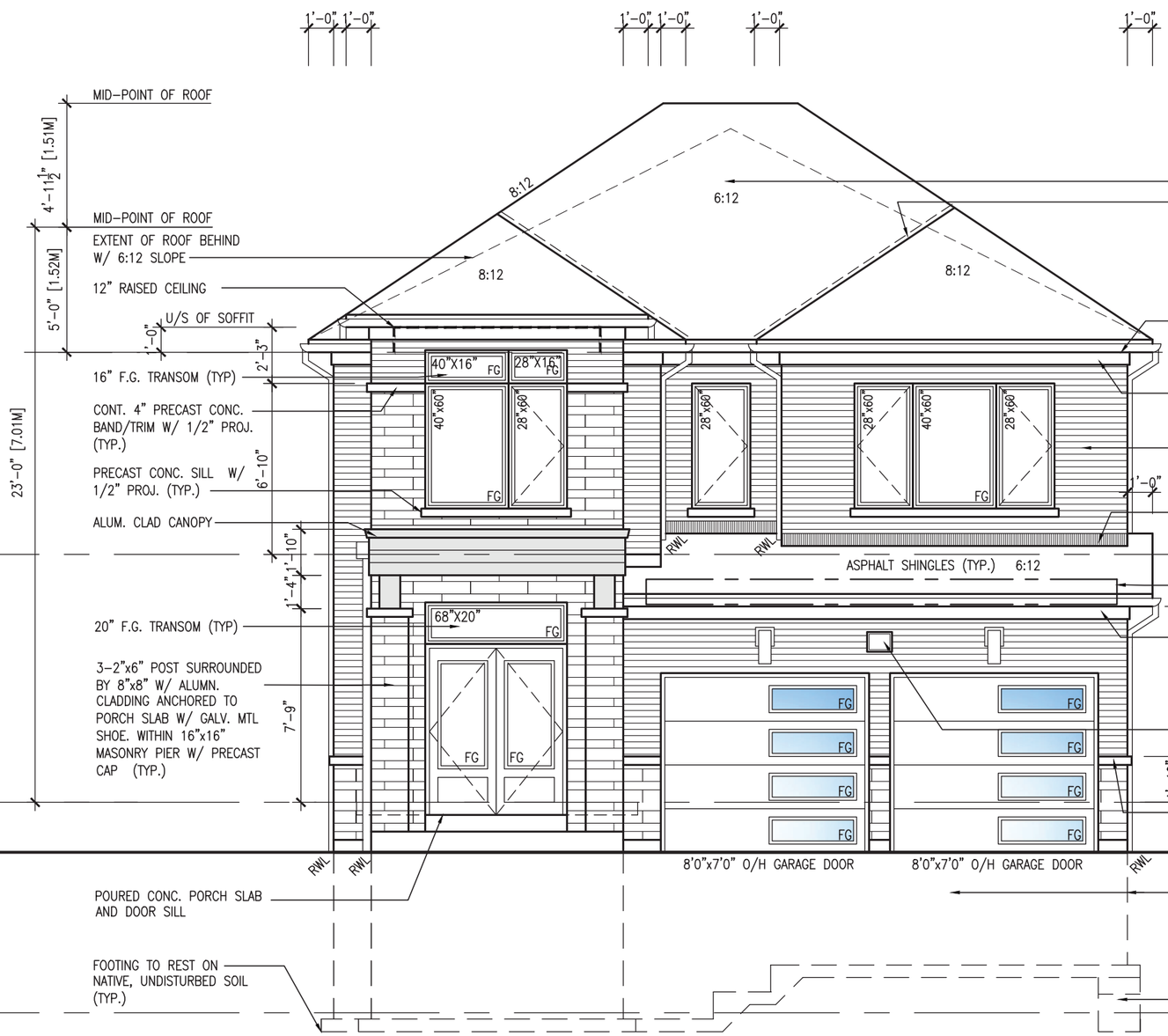
3	REVISED AS PER ENG COMMENTS	MAR 01–22	RC
2	REVISED AS PER FLOOR / ROOF LAYOUTS	FEB 24–22	RC
1	ISSUED FOR CLIENT REVIEW	NOV 23–21	VA3



ROOF PLAN 'C'



FRONT ELEVATION 'C'

FACE BRICK

STUCCO FINISH

RENAISSANCE STONE

ALUMINUM PANEL

It is the builder's complete responsibility to ensure that all plans submitted for approval fully comply with the Architectural Guidelines and all applicable regulations and requirements including zoning provisions and any provisions in the subdivision agreement. The Control Architect is not responsible in any way for examining or approving site (lotting) plans or working drawings with respect to any zoning or building code or permit matter or that any house can be properly built or located on its lot.

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LICENSED PROFESSIONAL ENGINEER
S. J. BOYD
90214198
PROVINCE OF ONTARIO

MAR 1, 2022

JOHN G. WILLIAMS LTD., ARCHITECT
ARCHITECTURAL CONTROL REVIEW AND APPROVAL
APPROVED BY:
DATE: MAR 03, 2022
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BAYVIEW WELLINGTON

S38-20 -

project no. 16023

municipality BRADFORD EAST, ON.

project name GREEN VALLEY ESTATES

FRONT ELEVATION 'C'

drawing no. 15

date SEPT. 2021

drawn by NC

checked by JWM

scale 3/16" = 1'-0"

file name 16023-S38-20

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VA3 DESIGN
255 Consumers Rd Suite 120
Toronto ON M2J 1R4
t 416.630.2255 f 416.630.4782
va3design.com

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 BCIN

registration information VA3 Design Inc. 42658

signature

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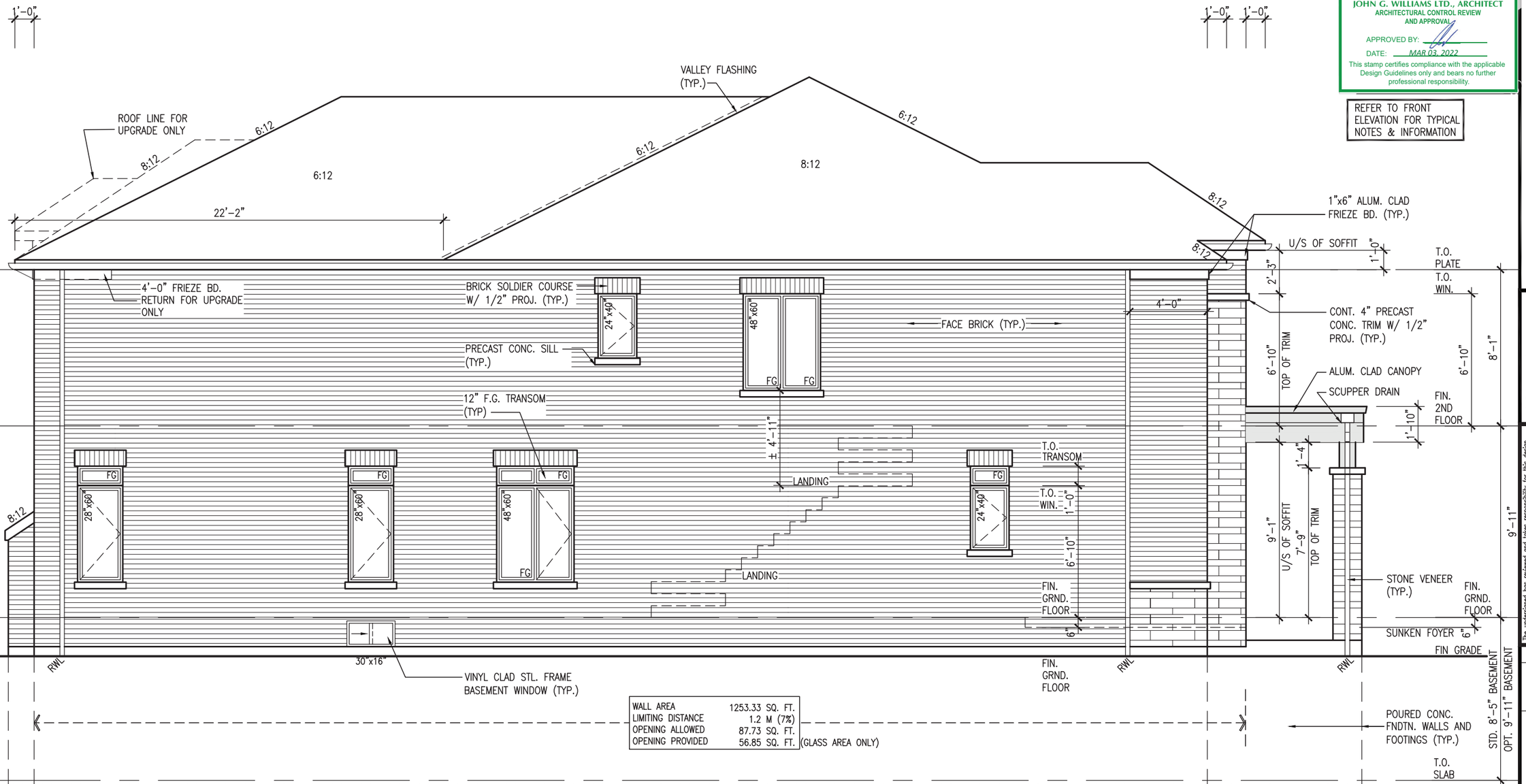
3	REVISED AS PER ENG COMMENTS	MAR 01-22	RC
2	REVISED AS PER FLOOR / ROOF LAYOUTS	FEB 24-22	RC
1	ISSUED FOR CLIENT REVIEW	NOV 23-21	VA3



WALL AREA	1253.33 SQ. FT.
LIMITING DISTANCE	1.2 M (7%)
OPENING ALLOWED	87.73 SQ. FT.
OPENING PROVIDED	56.85 SQ. FT. (GLASS AREA ONLY)

LEFT SIDE ELEVATION 'C'

LICENSED PROFESSIONAL ENGINEER
S. J. BOYD
90214198
PROVINCE OF ONTARIO
MAR 1, 2022

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JOHN G. WILLIAMS LTD., ARCHITECT
ARCHITECTURAL CONTROL REVIEW AND APPROVAL
APPROVED BY:
DATE: MAR 03, 2022
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REFER TO FRONT ELEVATION FOR TYPICAL NOTES & INFORMATION

S38-20 -

project no. 16023

drawing no. 16

municipality BRADFORD EAST, ON.

project name GREEN VALLEY ESTATES

BAYVIEW WELLINGTON

LEFT SIDE ELEVATION 'C'

date SEPT. 2021 | checked by JWM | scale 3/16" = 1'-0" | file name 16023-S38-20

drawn by NC

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VA3 DESIGN
255 Consumers Rd Suite 120
Toronto ON M2J 1R4
t 416.630.2255 f 416.630.4782
va3design.com

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qualification information Wellington Jno-Baptiste
registration information VA3 Design Inc.
name | signature | BCIN 25591 | 42658

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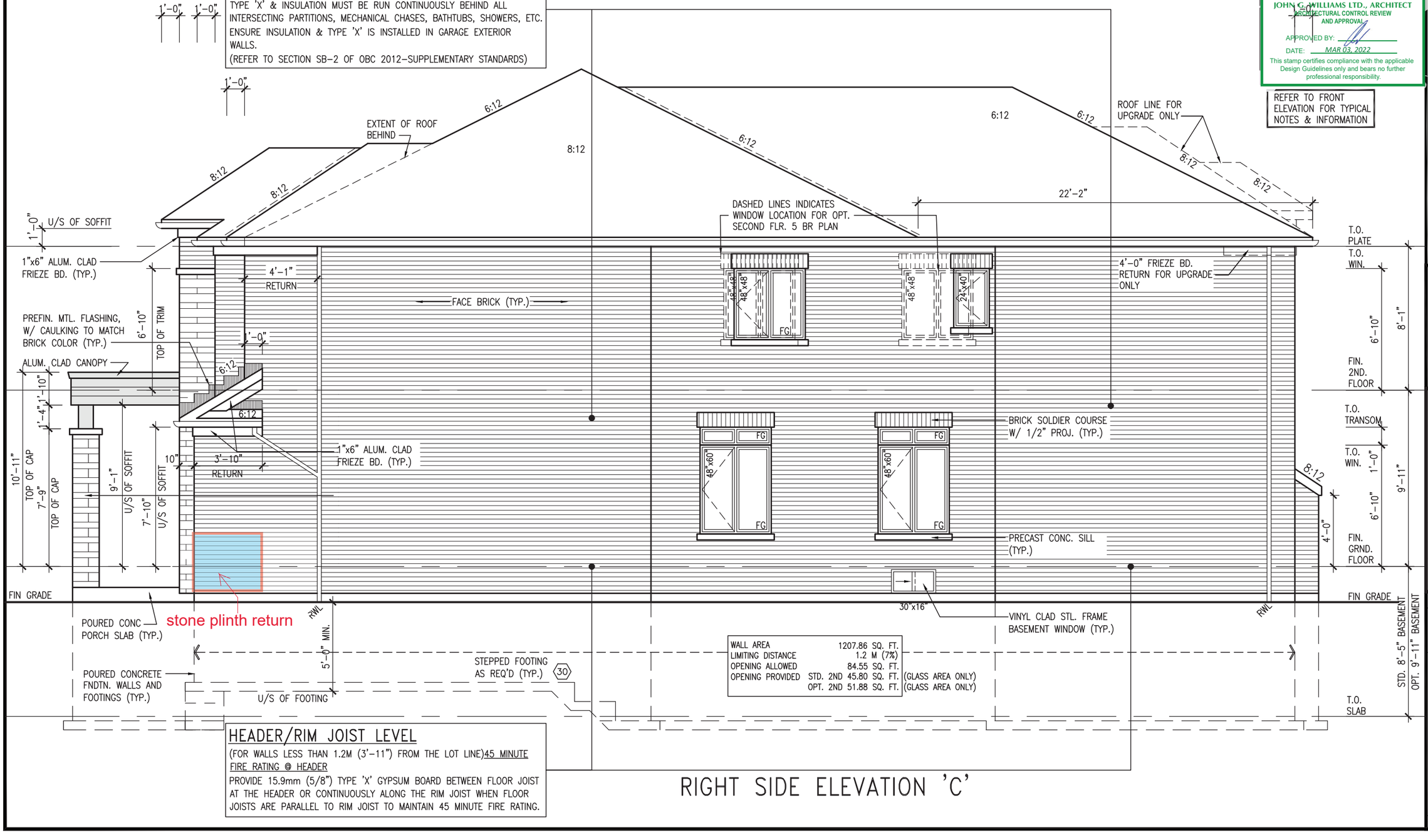
3	REVISED AS PER ENG COMMENTS	MAR 01-22	RC
2	REVISED AS PER FLOOR / ROOF LAYOUTS	FEB 24-22	RC
1	ISSUED FOR CLIENT REVIEW	NOV 23-21	VA3

BRICK VENEER CONSTRUCTION

(FOR WALLS LESS THAN 1.2M (3'–11") FROM THE LOT LINE)
45 MINUTE FIRE RATED WALL

PROVIDE A CONTINUOUS LAYER OF 12.7mm (1/2") TYPE 'X' GYPSUM BOARD (INTERIOR SIDE) INSTALLED SO THAT ALL EDGES ARE SUPPORTED, TAPED AND FILLED. SPACE BETWEEN WOOD STUDS TO BE FILLED WITH INSULATION CONFORMING TO CAN/ULC–S702, "MINERAL FIBRE THERMAL INSULATION FOR BUILDINGS" WITH A MASS OF NOT LESS THAN 1.22 Kg/SQ.M. AND MUST FILL AT LEAST 90% OF THE CAVITY THICKNESS. THE TYPE 'X' & INSULATION MUST BE RUN CONTINUOUSLY BEHIND ALL INTERSECTING PARTITIONS, MECHANICAL CHASES, BATHTUBS, SHOWERS, ETC. ENSURE INSULATION & TYPE 'X' IS INSTALLED IN GARAGE EXTERIOR WALLS.

(REFER TO SECTION SB–2 OF OBC 2012–SUPPLEMENTARY STANDARDS)



WALL AREA	1207.86 SQ. FT.	
LIMITING DISTANCE	1.2 M (7%)	
OPENING ALLOWED	84.55 SQ. FT.	
OPENING PROVIDED	STD. 2ND 45.80 SQ. FT.	(GLASS AREA ONLY)
	OPT. 2ND 51.88 SQ. FT.	(GLASS AREA ONLY)

HEADER/RIM JOIST LEVEL

(FOR WALLS LESS THAN 1.2M (3'–11") FROM THE LOT LINE)45 MINUTE FIRE RATING @ HEADER

PROVIDE 15.9mm (5/8") TYPE 'X' GYPSUM BOARD BETWEEN FLOOR JOIST AT THE HEADER OR CONTINUOUSLY ALONG THE RIM JOIST WHEN FLOOR JOISTS ARE PARALLEL TO RIM JOIST TO MAINTAIN 45 MINUTE FIRE RATING.

RIGHT SIDE ELEVATION 'C'

LICENSED PROFESSIONAL ENGINEER
S. J. BOYD
90214198
PROVINCE OF ONTARIO
MAR 1, 2022

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JOHN G. WILLIAMS LTD., ARCHITECT
ARCHITECTURAL CONTROL REVIEW AND APPROVAL
APPROVED BY:
DATE: MAR 03, 2022
This stamp certifies compliance with the applicable Design Guidelines only and bears no further professional responsibility.

REFER TO FRONT ELEVATION FOR TYPICAL NOTES & INFORMATION

S38–20 -

project no. 16023

BAYVIEW WELLINGTON

municipality BRADFORD EAST, ON.

project name GREEN VALLEY ESTATES

RIGHT SIDE ELEVATION 'C'

drawing no. 17

date SEPT. 2021 | drawn by NC | checked by JWM | scale 3/16" = 1'–0" | file name 16023-S38-20

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VA3 DESIGN
255 Consumers Rd Suite 120
Toronto ON M2J 1R4
t 416.630.2255 f 416.630.4782
va3design.com

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
name Wellington Jno-Baptiste
registration information
VA3 Design Inc.
signature
BCIN 25591
42658

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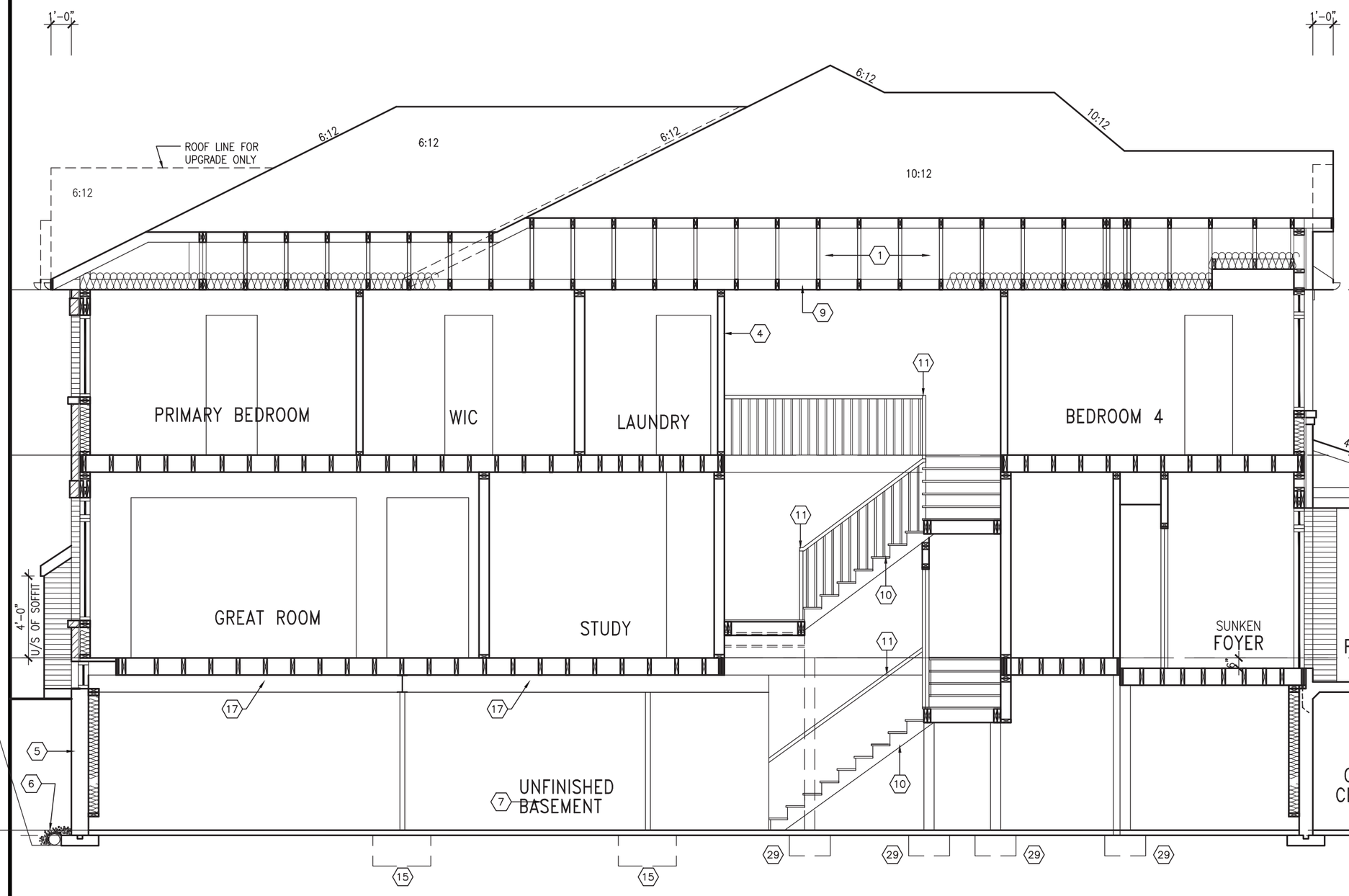
3	REVISED AS PER ENG COMMENTS	MAR 01–22	RC
2	REVISED AS PER FLOOR / ROOF LAYOUTS	FEB 24–22	RC
1	ISSUED FOR CLIENT REVIEW	NOV 23–21	VA3



LONGITUDINAL SECTION A-A

LICENSED PROFESSIONAL ENGINEER
S. J. BOYD
90214198
PROVINCE OF ONTARIO
MAR 1, 2022

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REFER TO FRONT ELEVATION FOR TYPICAL NOTES & INFORMATION

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1	ISSUED FOR CLIENT REVIEW	NOV 23-21	VA3

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qualification information
registration information
name: Wellington Jno-Baptiste — signature — BCIN: 25591
VA3 Design Inc. — 42658

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VA3 DESIGN
255 Consumers Rd Suite 120
Toronto ON M2J 1R4
t 416.630.2255 f 416.630.4782
va3design.com

project name: GREEN VALLEY ESTATES
municipality: BRADFORD EAST, ON.
BAYVIEW WELLINGTON
S38-20 -
project no. 16023
drawing no. 18
date: SEPT. 2021
drawn by: NC
checked by: JWM
scale: 3/16" = 1'-0"
LONGITUDINAL SECTION A-A
file name: 16023-S38-20

LICENSED PROFESSIONAL ENGINEER
S. J. BOYD
90214198
PROVINCE OF ONTARIO
MAR 1, 2022

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ARCHITECTURAL CONTROL REVIEW AND APPROVAL
APPROVED BY:
DATE: MAR 03, 2022
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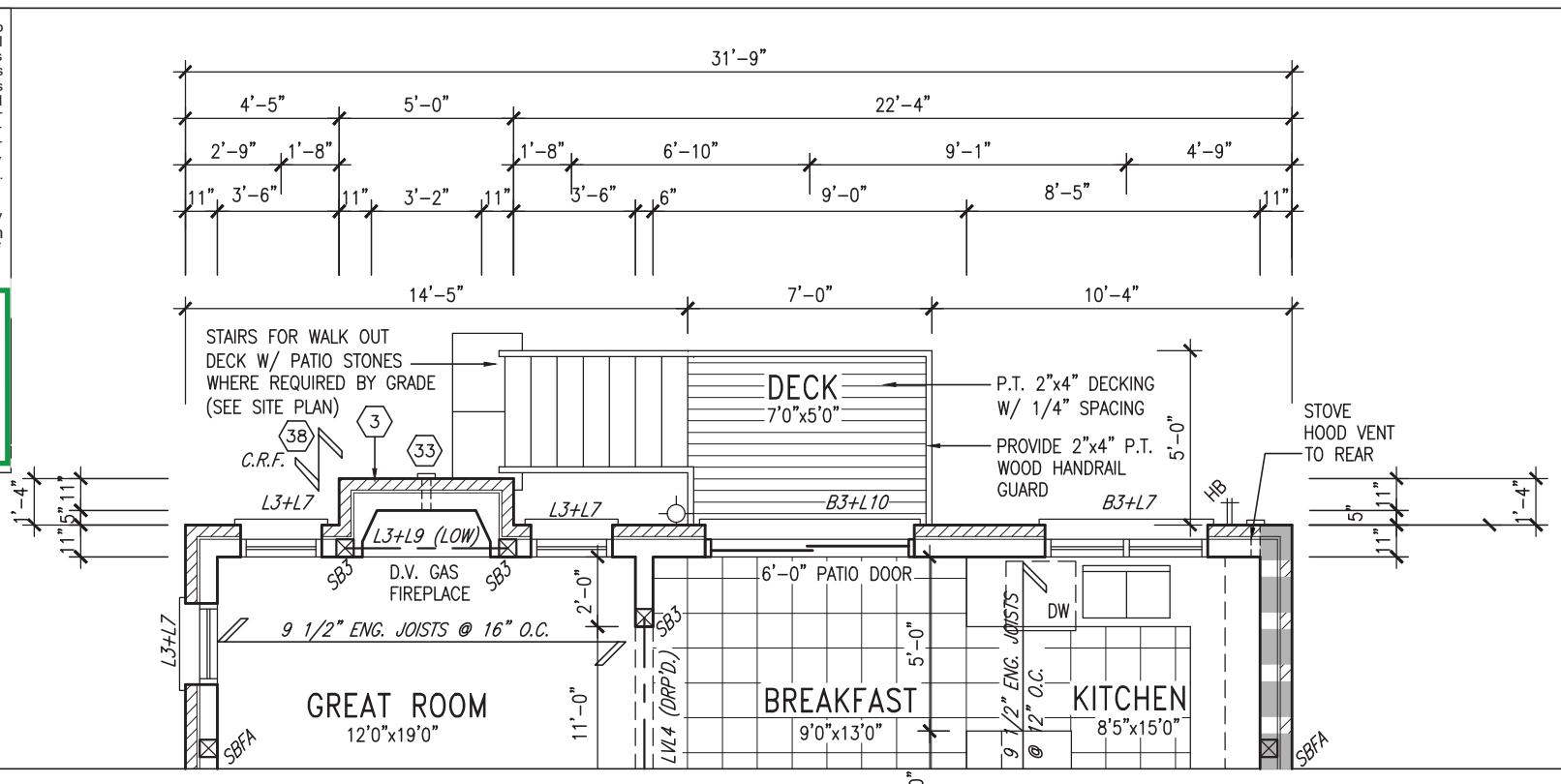
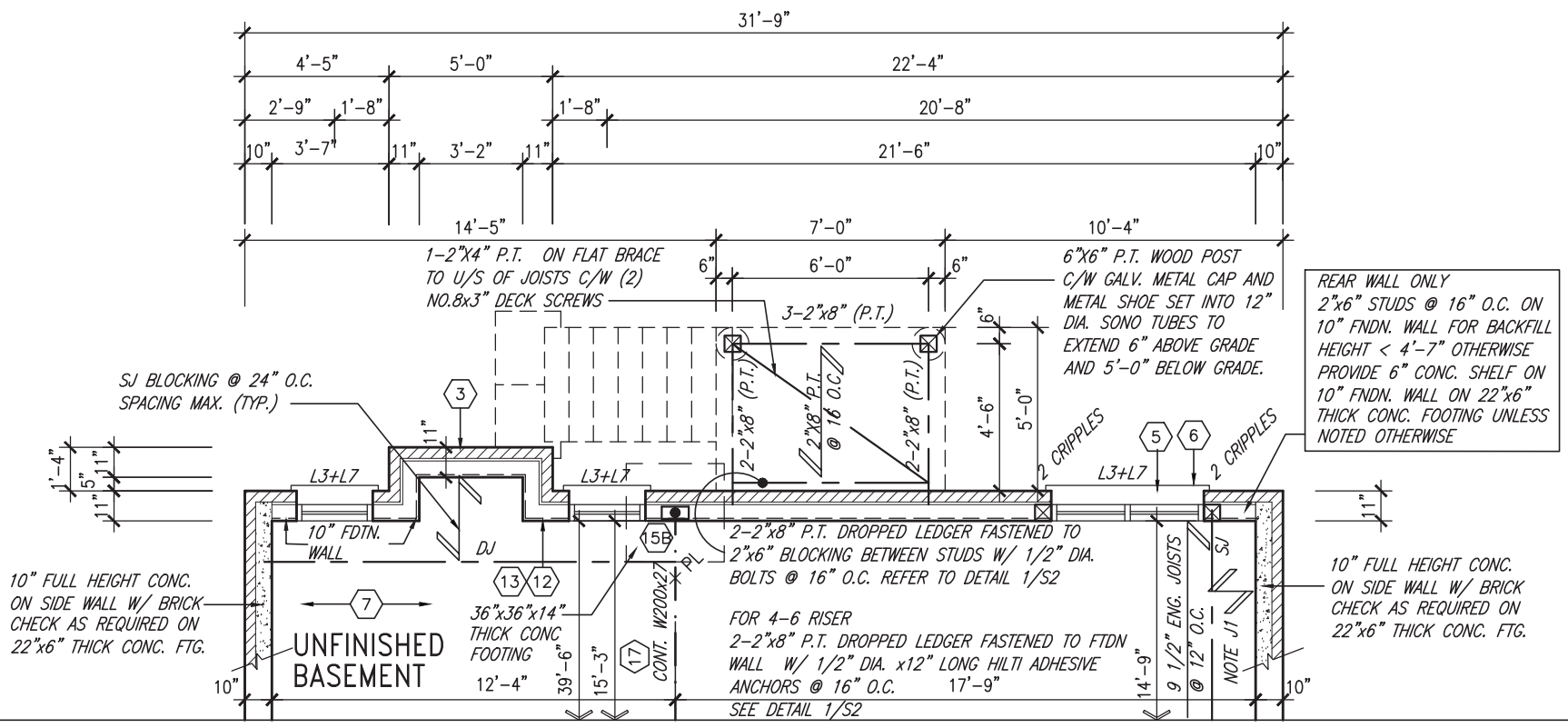


PARTIAL BASEMENT PLAN 'A','B' & 'C' – 9R OR MORE W.O.D. CONDITION



PARTIAL GROUND FLOOR PLAN 'A','B' & 'C' – 9R OR MORE W.O.D. COND.

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3	REVISED AS PER ENG COMMENTS	MAR 01–22	RC
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1	ISSUED FOR CLIENT REVIEW	NOV 23–21	VA3

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 — signature — 25591
name — BCIN
registration information
VA3 Design Inc. — 42658

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VA3 DESIGN
255 Consumers Rd Suite 120
Toronto ON M2J 1R4
t 416.630.2255 f 416.630.4782
va3design.com

BAYVIEW WELLINGTON — S38–20 –

project name: GREEN VALLEY ESTATES — municipality: BRADFORD EAST, ON. — project no.: 16023

date: SEPT. 2021 — PART. FLOOR PLAN –W.O.D. COND. — drawing no.: 19

drawn by: NC — checked by: JWM — scale: 3/16" = 1'–0" — file name: 16023–S38–20

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JOHN G. WILLIAMS LTD., ARCHITECT
ARCHITECTURAL CONTROL REVIEW AND APPROVAL
APPROVED BY:
DATE: MAR 03, 2022
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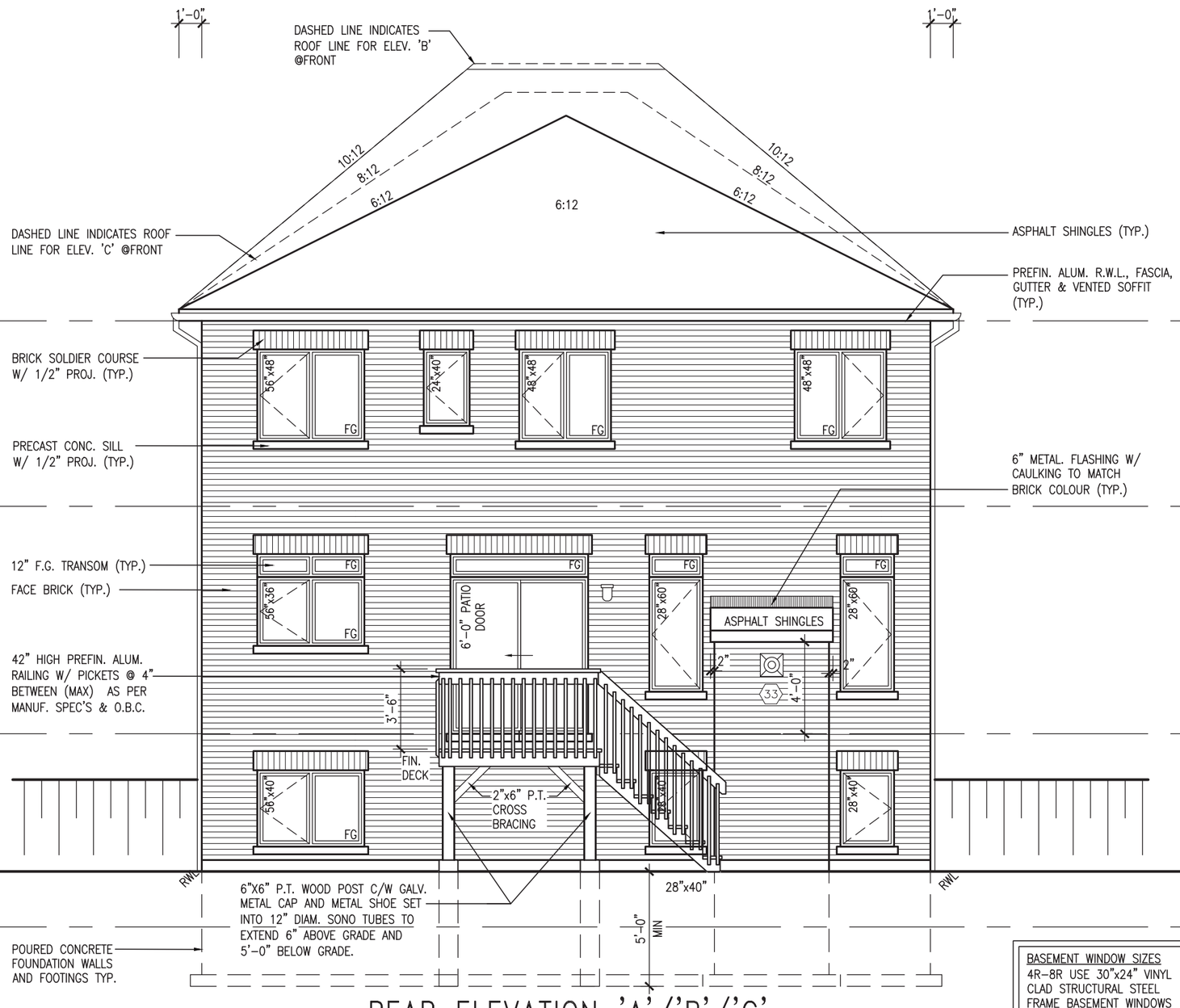
REFER TO FRONT ELEVATION FOR TYPICAL NOTES & INFORMATION

LICENSED PROFESSIONAL ENGINEER
S. J. BOYD
90214198
PROVINCE OF ONTARIO
MAR 1, 2022



BASEMENT WINDOW SIZES
4R-8R USE 30"x24" VINYL CLAD STRUCTURAL STEEL FRAME BASEMENT WINDOWS

REAR ELEVATION 'A'/'B'/'C' -W.O.D. CONDITION

BAYVIEW WELLINGTON — S38-20 -

project name: GREEN VALLEY ESTATES — municipality: BRADFORD EAST, ON.

REAR ELEV. 'A'/'B'/'C'-W.O.D. -COND.

date: SEPT. 2021 | drawn by: NC | checked by: JWM | scale: 3/16" = 1'-0"

project no. 16023 | drawing no. 20 | file name 16023-S38-20 | Tue - Mar 1 2022 - 2:39 PM

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qualification information — registration information
Wellington Jno-Baptiste — VA3 Design Inc.
signature — name — BCIN 25591 — 42658

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3	REVISED AS PER ENG COMMENTS	MAR 01-22	RC
2	REVISED AS PER FLOOR / ROOF LAYOUTS	FEB 24-22	RC
1	ISSUED FOR CLIENT REVIEW	NOV 23-21	VA3

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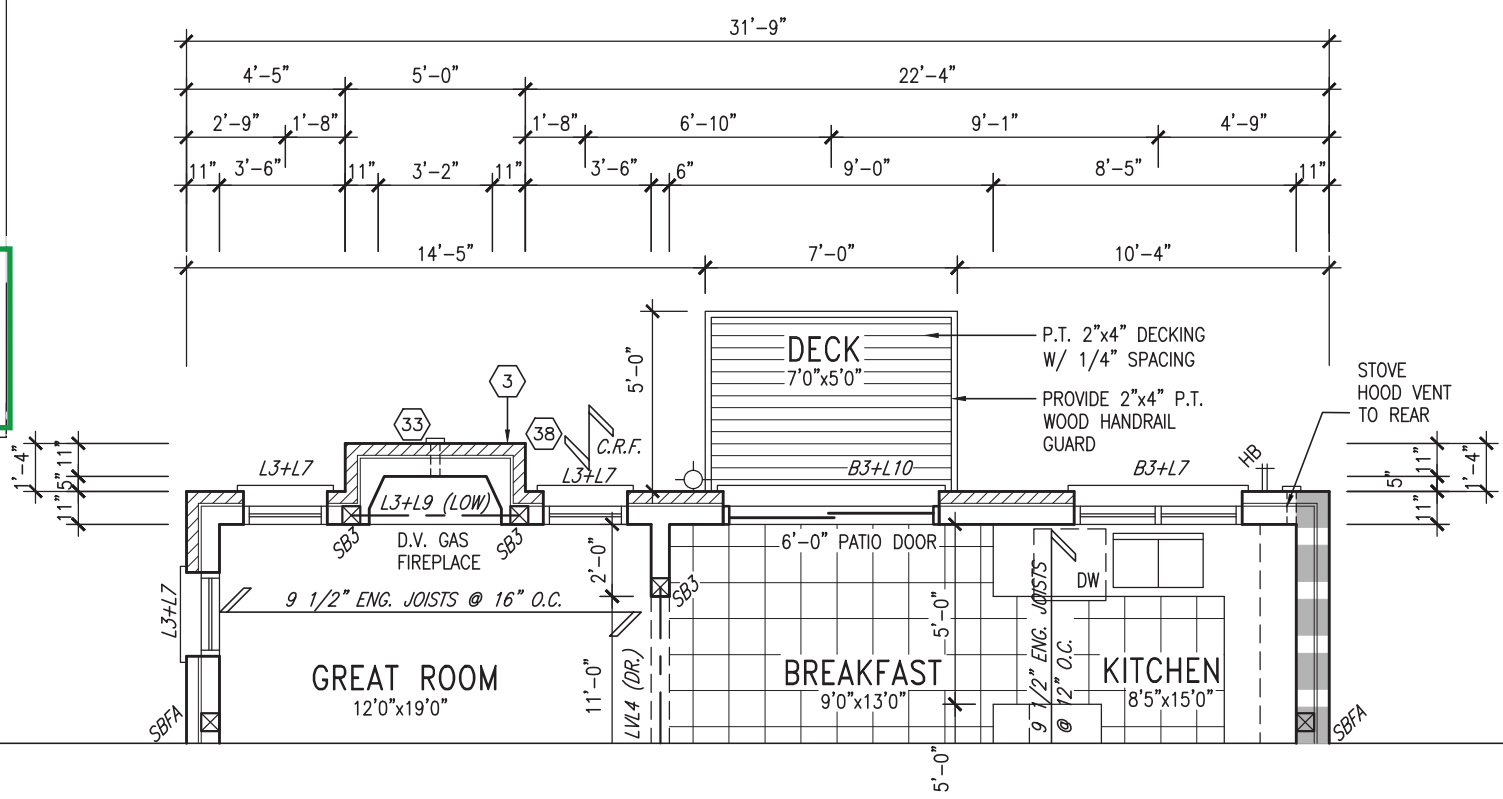
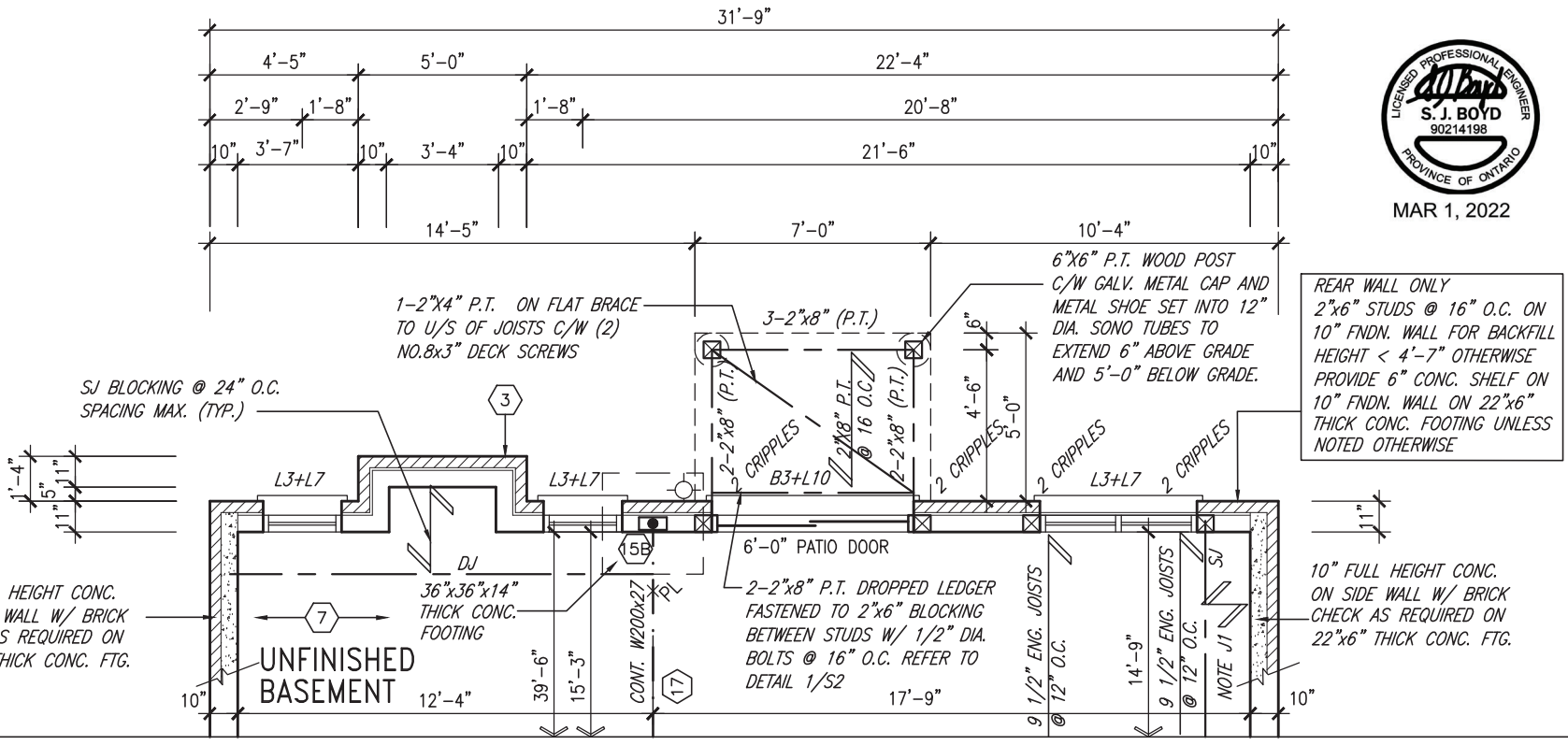
This is to certify that these plans comply with the applicable Architectural Design Guidelines approved by the Town of BRADFORD / WEST GWILLIMBURY.

JOHN G. WILLIAMS LTD., ARCHITECT
ARCHITECTURAL CONTROL REVIEW AND APPROVAL
APPROVED BY:
DATE: MAR 03, 2022
This stamp certifies compliance with the applicable Design Guidelines only and bears no further professional responsibility.



PART. GROUND FLOOR PLAN 'A','B'&'C' -W.O.B. COND.



PART. BASEMENT PLAN 'A','B'&'C' -W.O.B. COND.

LICENSED PROFESSIONAL ENGINEER
S. J. BOYD
90214198
PROVINCE OF ONTARIO
MAR 1, 2022

no.	description	date	by
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3	REVISED AS PER ENG COMMENTS	MAR 01-22	RC
2	REVISED AS PER FLOOR / ROOF LAYOUTS	FEB 24-22	RC
1	ISSUED FOR CLIENT REVIEW	NOV 23-21	VA3

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 — signature — 25591 BCIN
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
255 Consumers Rd Suite 120
Toronto ON M2J 1R4
t 416.630.2255 f 416.630.4782
va3design.com

BAYVIEW WELLINGTON — S38-20 -

project name: GREEN VALLEY ESTATES — municipality: BRADFORD EAST, ON. — project no.: 16023

date: SEPT. 2021 — PART. FLOOR PLAN -W.O.B. COND. — drawing no.: 21

drawn by: NC — checked by: JWM — scale: 3/16" = 1'-0" — file name: 16023-S38-20

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JOHN G. WILLIAMS LTD., ARCHITECT
ARCHITECTURAL CONTROL REVIEW AND APPROVAL
APPROVED BY:
DATE: MAR 03, 2022
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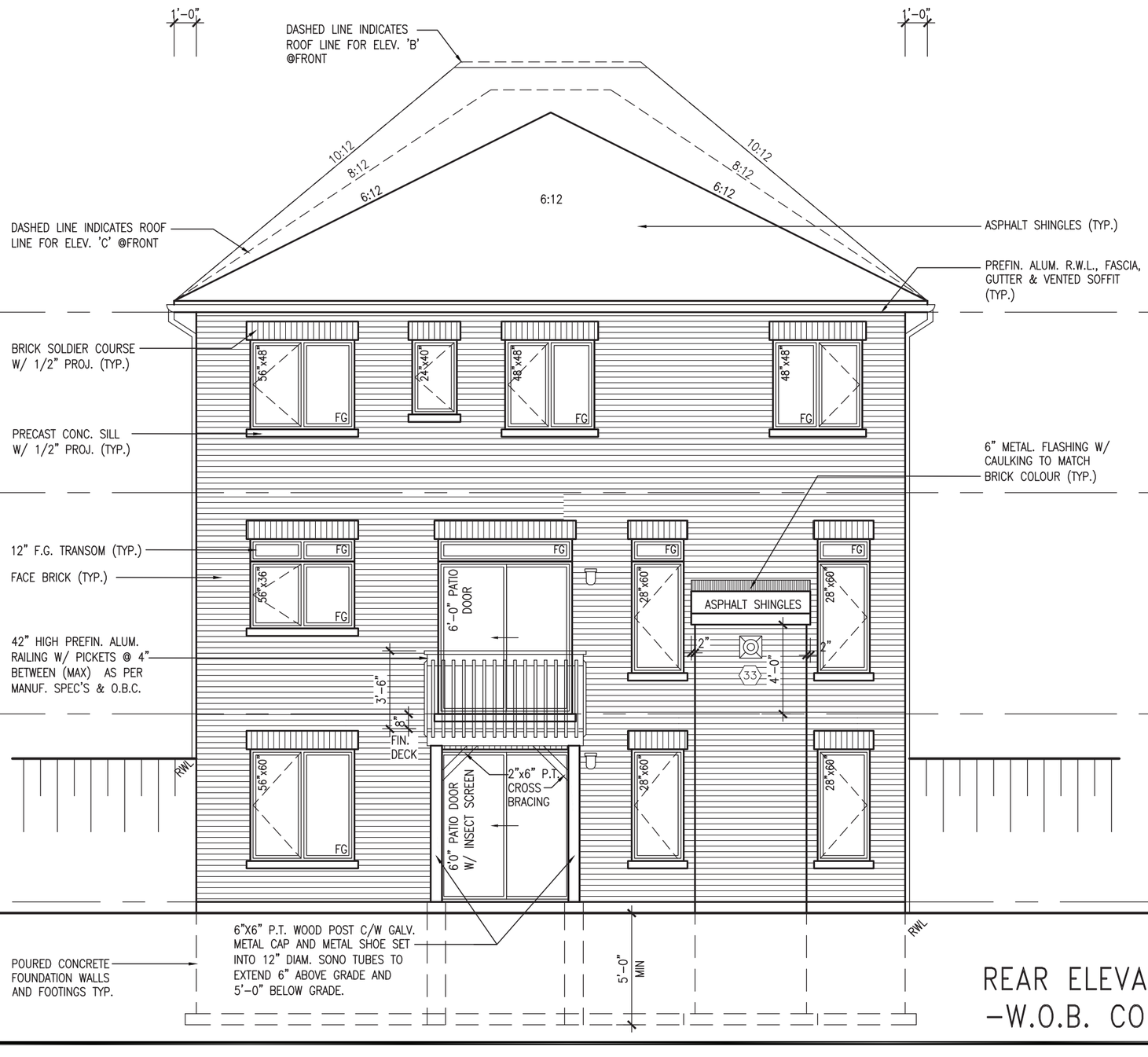
REFER TO FRONT ELEVATION FOR TYPICAL NOTES & INFORMATION

LICENSED PROFESSIONAL ENGINEER
S. J. BOYD
90214198
PROVINCE OF ONTARIO
MAR 1, 2022



REAR ELEVATION 'A'/'B'/'C' -W.O.B. CONDITION

BAYVIEW WELLINGTON
S38-20 -
project no. 16023
municipality BRADFORD EAST, ON.
project name GREEN VALLEY ESTATES
REAR ELEV. 'A'/'B'/'C' -W.O.B. COND.
drawing no. 22
date SEPT. 2021
drawn by NC
checked by JWM
scale 3/16" = 1'-0"
file name 16023-S38-20
RICHARD - H:\ARCHIVE\WORKING\2016\16023.BW\Units\38\16023-S38-20.dwg - Tue - Mar 1 2022 - 2:39 PM

VA3 DESIGN
255 Consumers Rd Suite 120
Toronto ON M2J 1R4
t 416.630.2255 f 416.630.4782
va3design.com

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qualification information
Wellington Jno-Baptiste 25591
BCIN
registration information 42658
VA3 Design Inc.

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3	REVISED AS PER ENG COMMENTS	MAR 01-22	RC
2	REVISED AS PER FLOOR / ROOF LAYOUTS	FEB 24-22	RC
1	ISSUED FOR CLIENT REVIEW	NOV 23-21	VA3

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ARCHITECTURAL CONTROL REVIEW AND APPROVAL
APPROVED BY:
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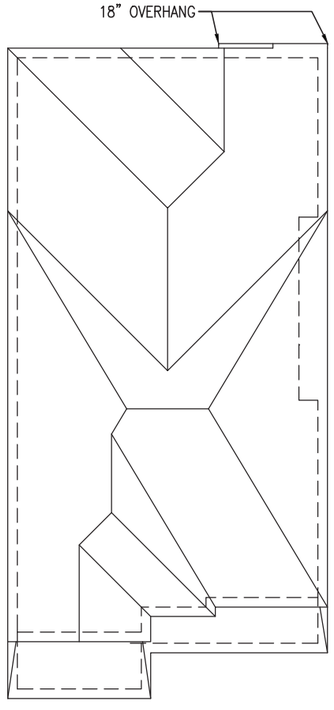
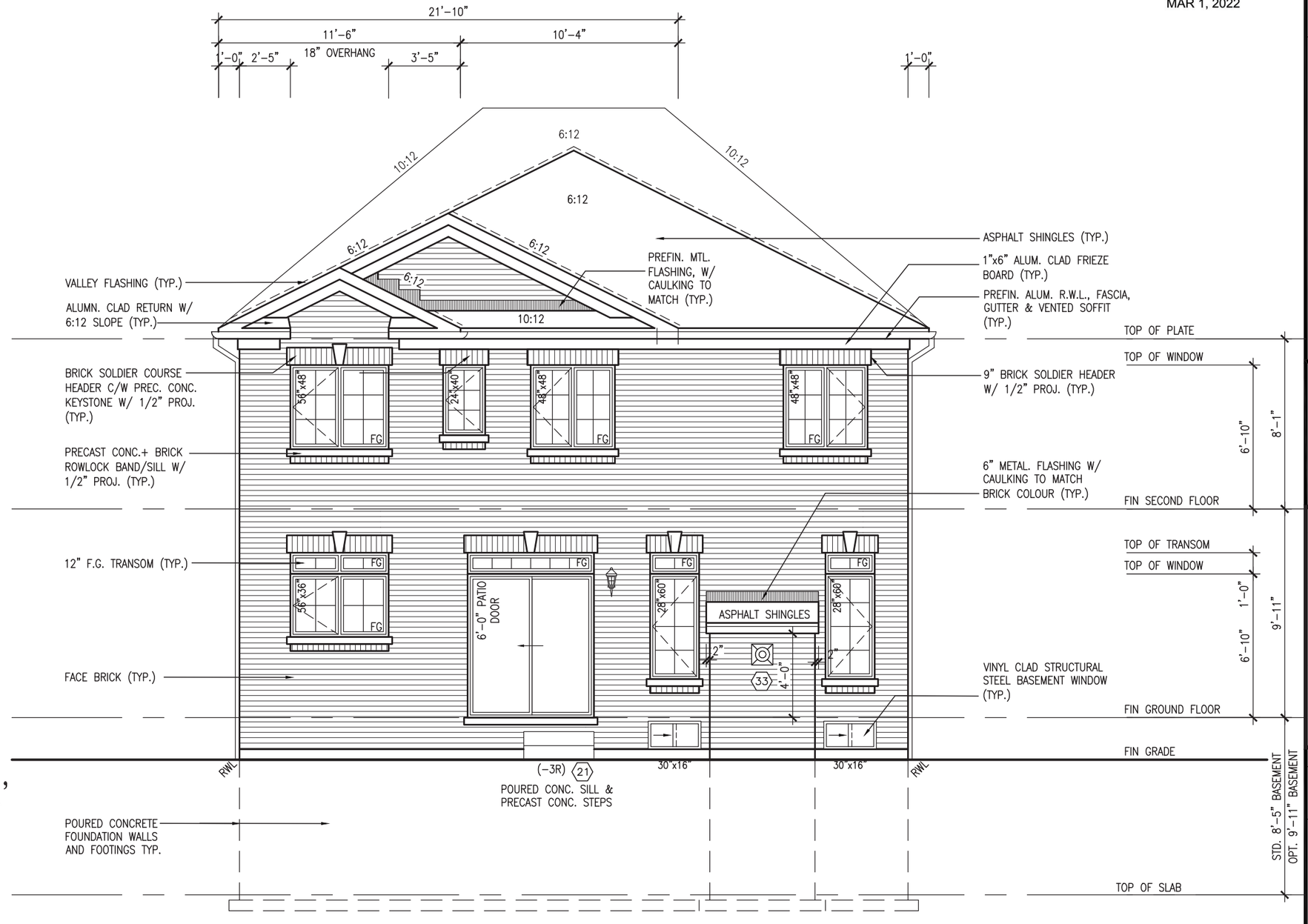
REFER TO FRONT ELEVATION FOR TYPICAL NOTES & INFORMATION



UPGRADED ROOF PLAN 'A'



UPGRADED REAR ELEVATION 'A'

LICENSED PROFESSIONAL ENGINEER
S. J. BOYD
90214198
PROVINCE OF ONTARIO
MAR 1, 2022

BAYVIEW WELLINGTON — S38-20 -

project name: GREEN VALLEY ESTATES
municipality: BRADFORD EAST, ON.
project no. 16023
drawing no. 23
UPGRADED REAR ELEVATION 'A'
date: SEPT. 2021
drawn by: NC
checked by: JWM
scale: 3/16" = 1'-0"
file name: 16023-S38-20

VA3 DESIGN
255 Consumers Rd Suite 120
Toronto ON M2J 1R4
t 416.630.2255 f 416.630.4782
va3design.com

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
registration information: VA3 Design Inc. 42658
signature: [signature] BCIN

Contractor must verify all dimensions on the job and report any discrepancy to the Designer before proceeding with the work. All construction must conform with the requirements of the Ontario Building Code and any applicable by-laws of the municipality. Permits, fees and approvals are the responsibility of the owner. The Designer is not responsible for any deviations from the construction documents prepared by the Designer which must be returned at the completion of the work. Drawings are not to be scaled.

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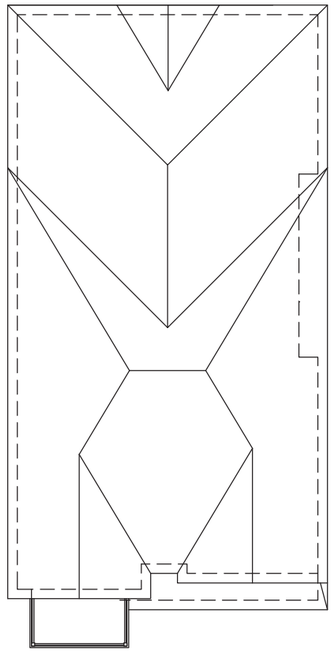
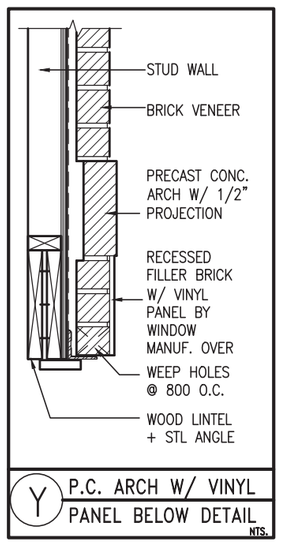
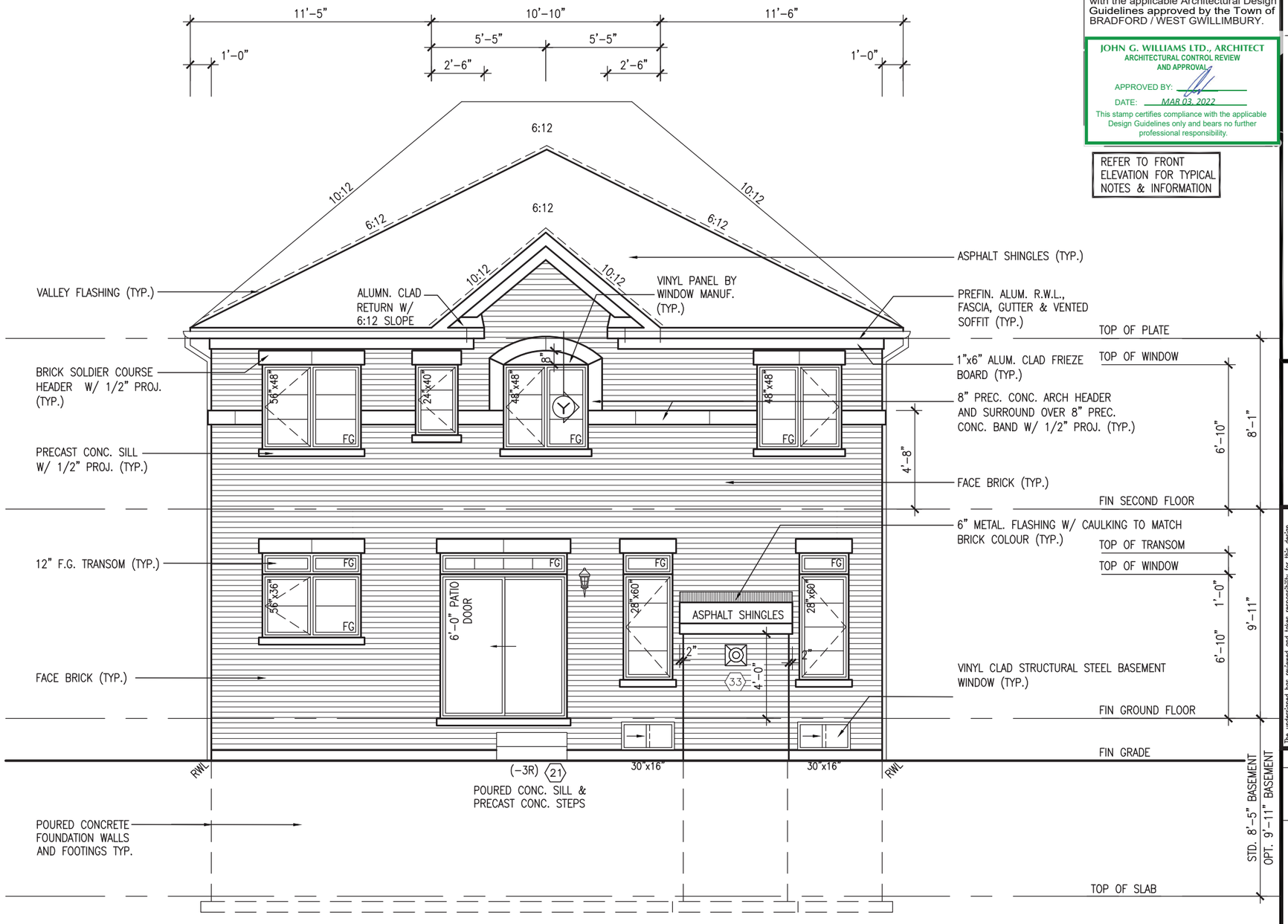
3	REVISED AS PER ENG COMMENTS	MAR 01-22	RC
2	REVISED AS PER FLOOR / ROOF LAYOUTS	FEB 24-22	RC
1	ISSUED FOR CLIENT REVIEW	NOV 23-21	VA3



UPGRADED ROOF PLAN 'A'



Y P.C. ARCH W/ VINYL PANEL BELOW DETAIL NTS.



UPGRADED REAR ELEVATION 'B'

LICENSED PROFESSIONAL ENGINEER
S. J. BOYD
90214198
PROVINCE OF ONTARIO
MAR 1, 2022

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JOHN G. WILLIAMS LTD., ARCHITECT
ARCHITECTURAL CONTROL REVIEW AND APPROVAL
APPROVED BY:
DATE: MAR 03, 2022
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REFER TO FRONT ELEVATION FOR TYPICAL NOTES & INFORMATION

BAYVIEW WELLINGTON S38-20 - project no. 16023

project name GREEN VALLEY ESTATES municipality BRADFORD EAST, ON.

UPGRADED REAR ELEVATION 'B'

date SEPT. 2021 | drawn by NC | checked by JWM | scale 3/16" = 1'-0" | file name 16023-S38-20 | drawing no. 24

VA3 DESIGN
255 Consumers Rd Suite 120
Toronto ON M2J 1R4
t 416.630.2255 f 416.630.4782
va3design.com

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
registration information VA3 Design Inc. 42658
signature | BCIN

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no.	description	date	by
1	ISSUED FOR CLIENT REVIEW	NOV 23-21	VA3
2	REVISED AS PER FLOOR / ROOF LAYOUTS	FEB 24-22	RC
3	REVISED AS PER ENG COMMENTS	MAR 01-22	RC
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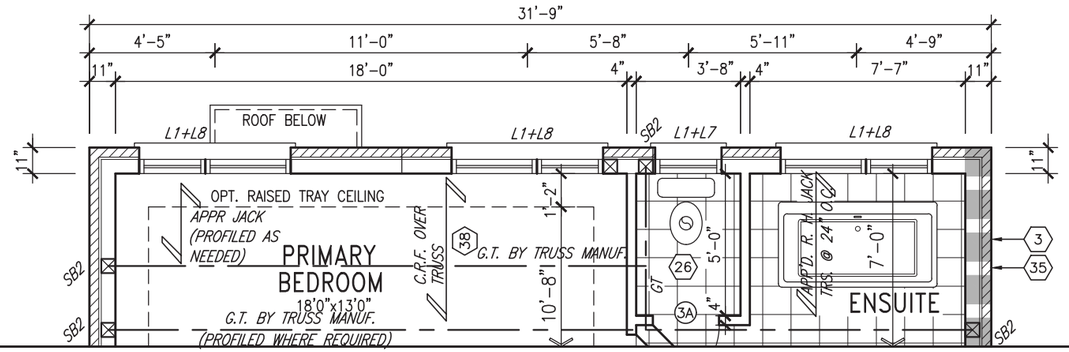
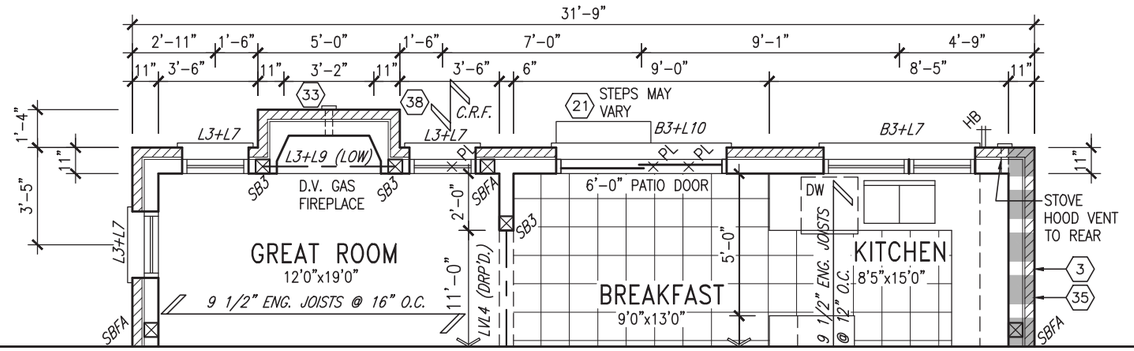
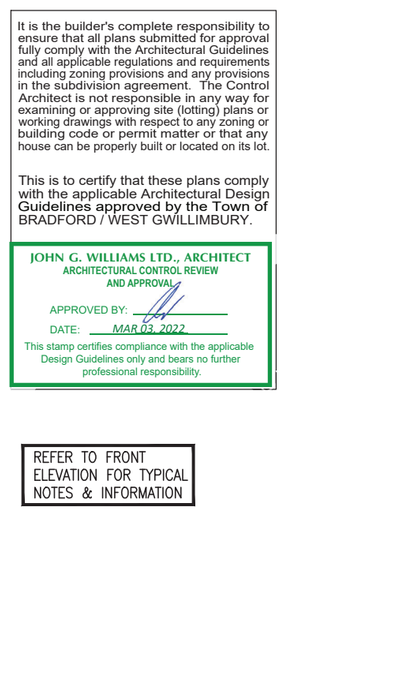


PARTIAL SECOND FLOOR PLAN 'C' W/ REAR UPGRADE



PARTIAL GROUND FLOOR PLAN 'C' W/ REAR UPGRADE



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JOHN G. WILLIAMS LTD., ARCHITECT
ARCHITECTURAL CONTROL REVIEW
AND APPROVAL
APPROVED BY: _____
DATE: MAR 03, 2022
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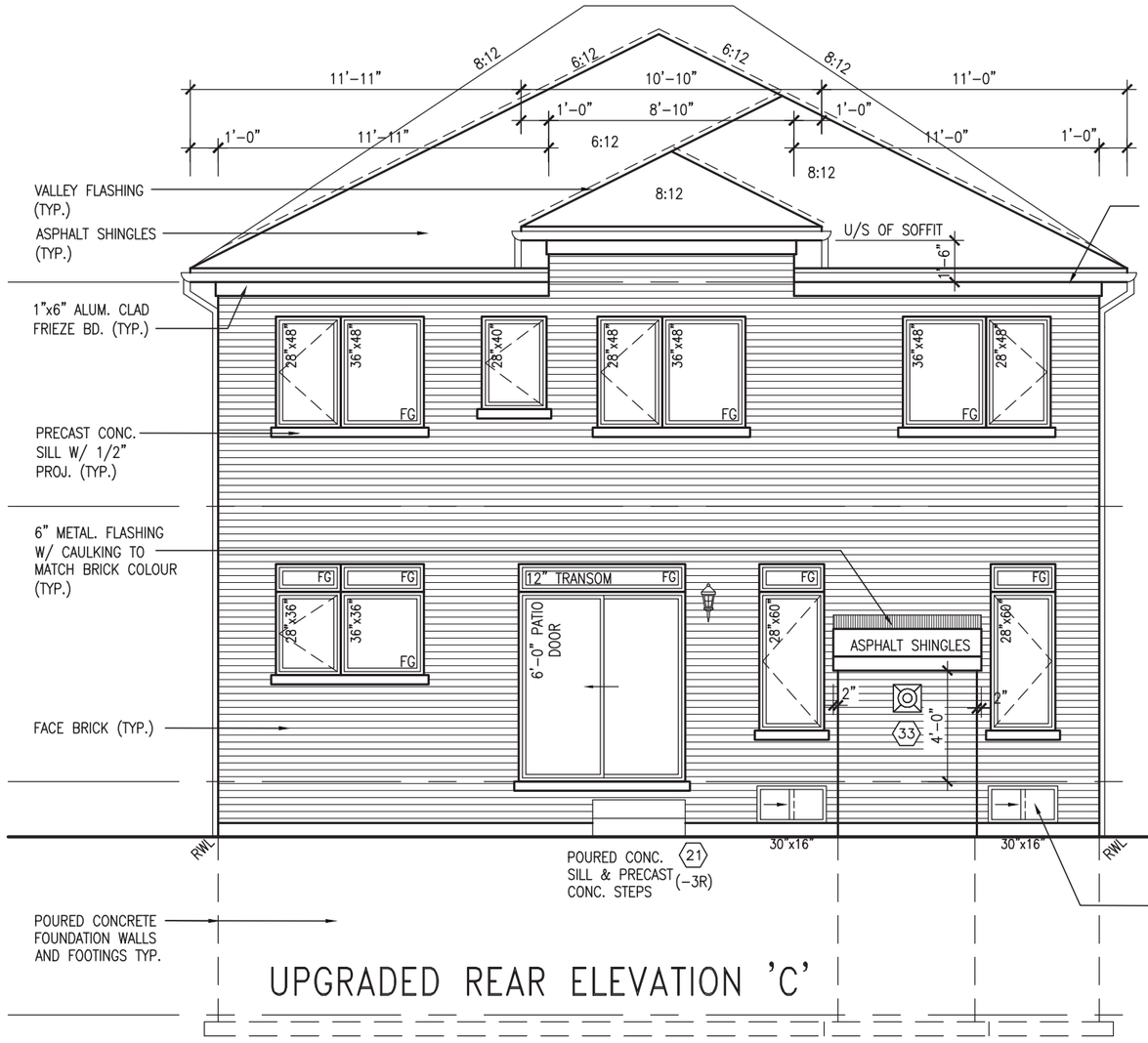
REFER TO FRONT ELEVATION FOR TYPICAL NOTES & INFORMATION

UPGRADED ROOF PLAN 'A'



UPGRADED REAR ELEVATION 'C'

LICENSED PROFESSIONAL ENGINEER
S. J. BOYD
90214198
PROVINCE OF ONTARIO
MAR 1, 2022

BAYVIEW WELLINGTON S38-20 -

project name: GREEN VALLEY ESTATES
municipality: BRADFORD EAST, ON.
project no. 16023
UPGRDED REAR ELEVATION 'C'
drawing no. 25
date: SEPT. 2021
drawn by: NC
checked by: JWM
scale: 3/16" = 1'-0"
file name: 16023-S38-20

VA3 DESIGN
255 Consumers Rd Suite 120
Toronto ON M2J 1R4
t 416.630.2255 f 416.630.4782
va3design.com

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
registration information: VA3 Design Inc. 42658
signature: [signature] BCIN

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3	REVISED AS PER ENG COMMENTS	MAR 01-22	RC
2	REVISED AS PER FLOOR / ROOF LAYOUTS	FEB 24-22	RC
1	ISSUED FOR CLIENT REVIEW	NOV 23-21	VA3

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JOHN G. WILLIAMS LTD., ARCHITECT
ARCHITECTURAL CONTROL REVIEW AND APPROVAL
APPROVED BY:
DATE: MAR 03, 2022
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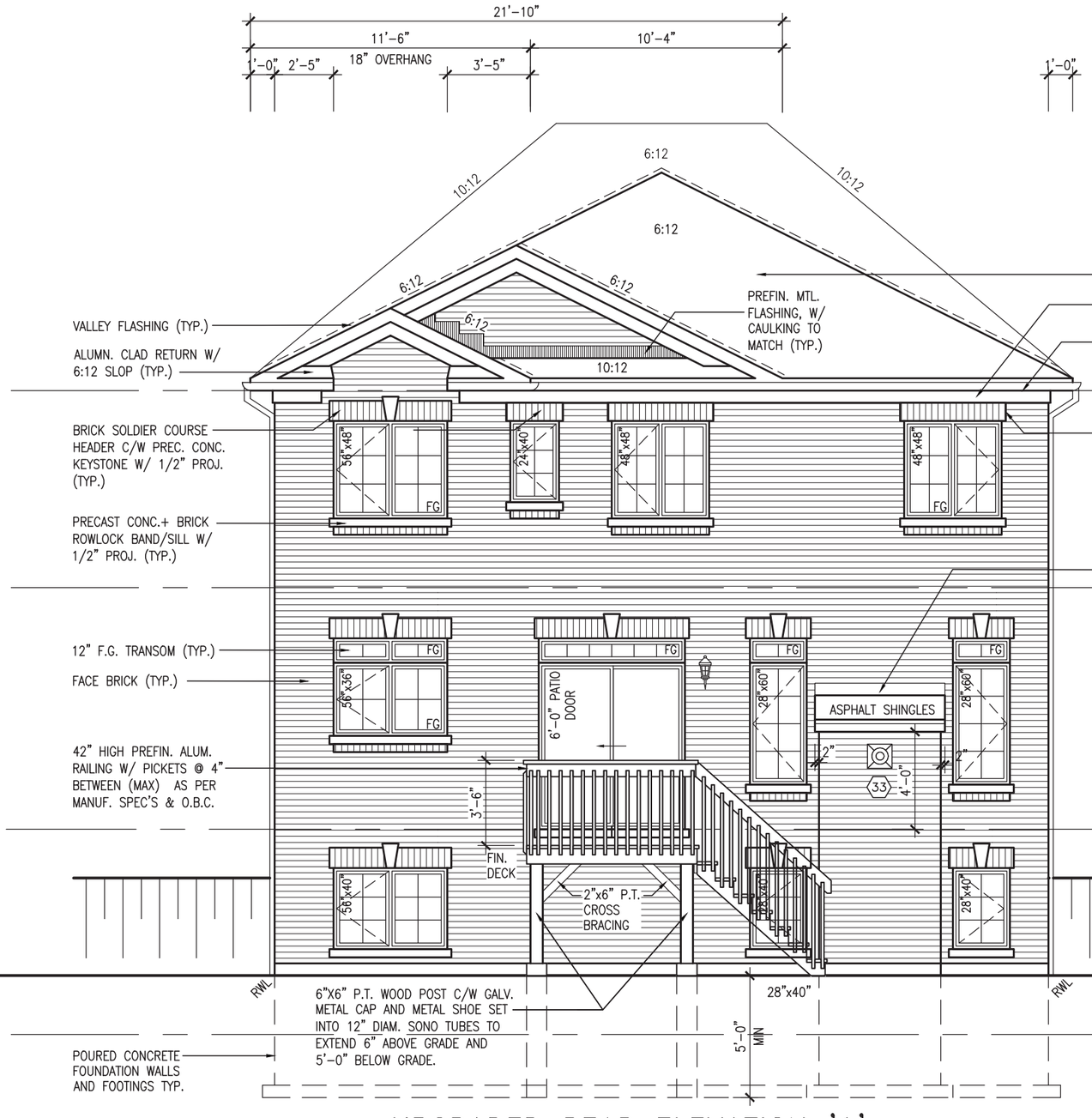
REFER TO FRONT ELEVATION FOR TYPICAL NOTES & INFORMATION

LICENSED PROFESSIONAL ENGINEER
S. J. BOYD
90214198
PROVINCE OF ONTARIO
MAR 1, 2022



BASEMENT WINDOW SIZES
4R-8R USE 30"x24" VINYL CLAD STRUCTURAL STEEL FRAME BASEMENT WINDOWS

UPGRADED REAR ELEVATION 'A' -W.O.D. 9R OR MORE COND.

BAYVIEW WELLINGTON
S38-20 -
project no. 16023
municipality BRADFORD EAST, ON.
project name GREEN VALLEY ESTATES
UPGRADED REAR ELEV. 'A' -W.O.D. COND.
drawing no. 26
date SEPT. 2021
drawn by NC
checked by JWM
scale 3/16" = 1'-0"
file name 16023-S38-20

VA3 DESIGN
255 Consumers Rd Suite 120
Toronto ON M2J 1R4
t 416.630.2255 f 416.630.4782
va3design.com

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
registration information VA3 Design Inc.
signature
name BCIN 25591 42658

Contractor must verify all dimensions on the job and report any discrepancy to the Designer before proceeding with the work. All design and shop drawings must be reviewed and approved by the Designer which must be returned at the completion of the work. Drawings are not to be scaled.

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3	REVISED AS PER ENG COMMENTS	MAR 01-22	RC
2	REVISED AS PER FLOOR / ROOF LAYOUTS	FEB 24-22	RC
1	ISSUED FOR CLIENT REVIEW	NOV 23-21	VA3

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JOHN G. WILLIAMS LTD., ARCHITECT
ARCHITECTURAL CONTROL REVIEW AND APPROVAL
APPROVED BY: _____
DATE: MAR 03, 2022
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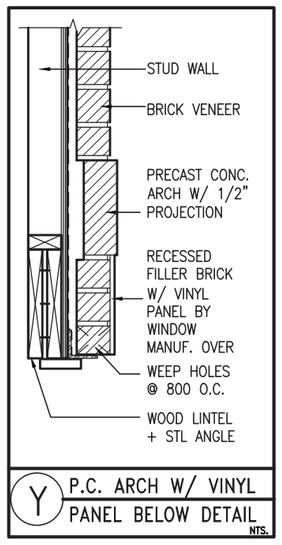
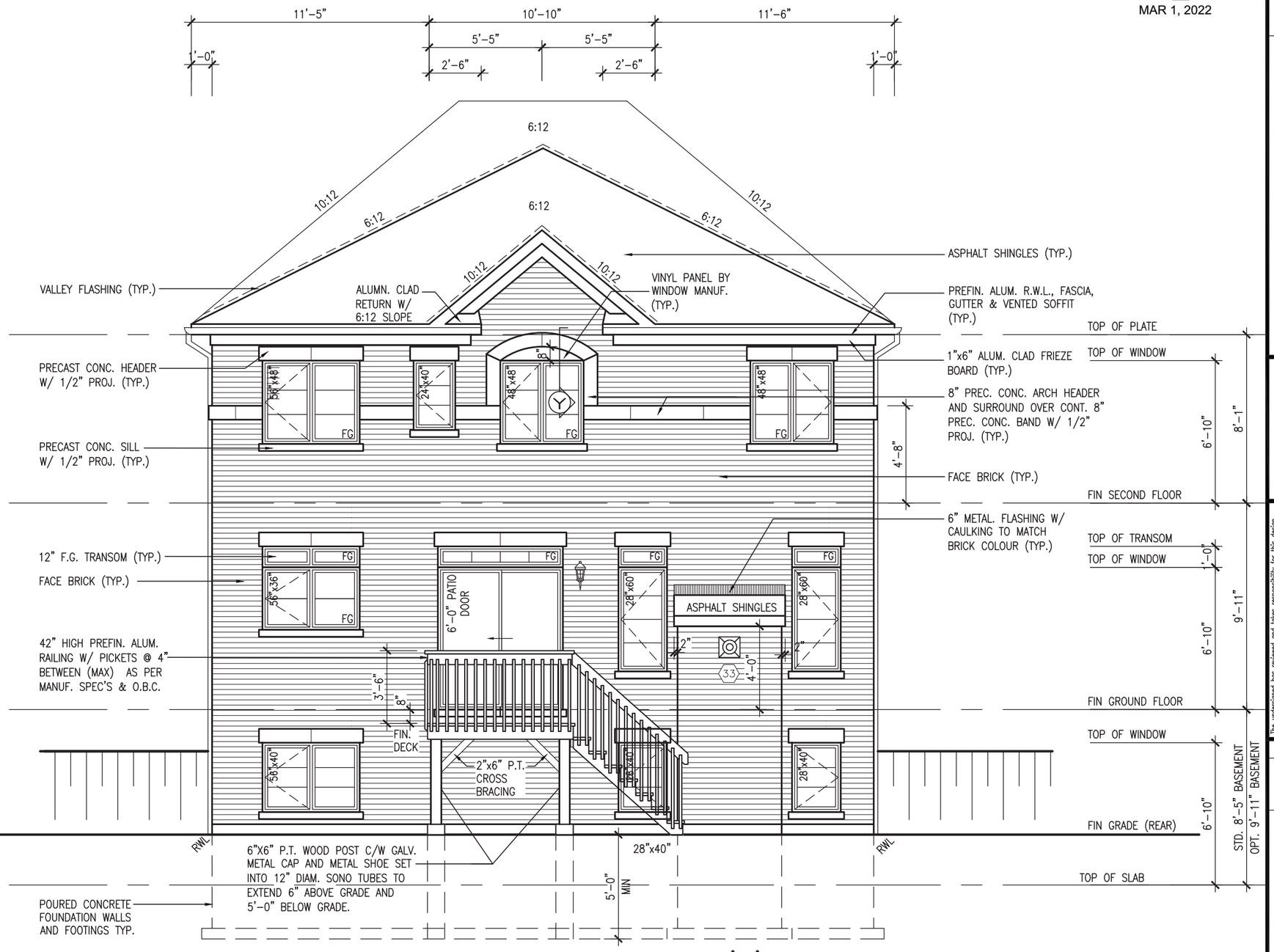


Y P.C. ARCH W/ VINYL PANEL BELOW DETAIL NTS.



UPGRADED REAR ELEVATION 'B' -W.O.D. 9R OR MORE COND.

LICENSED PROFESSIONAL ENGINEER S. J. BOYD 90214198 PROVINCE OF ONTARIO
MAR 1, 2022

BAYVIEW WELLINGTON — S38-20 -

project no. 16023

project name: GREEN VALLEY ESTATES — municipality: BRADFORD EAST, ON.

UPGRADED REAR ELEVATION 'B' -W.O.D. COND.

drawing no. 27

date: SEPT. 2021 — drawn by: NC — checked by: JWM — scale: 3/16" = 1'-0" — file name: 16023-S38-20

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VA3 DESIGN
255 Consumers Rd Suite 120
Toronto ON M2J 1R4
t 416.630.2255 f 416.630.4782
va3design.com

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
registration information: VA3 Design Inc. — 42658
signature

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3	REVISED AS PER ENG COMMENTS	MAR 01-22	RC
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1	ISSUED FOR CLIENT REVIEW	NOV 23-21	VA3

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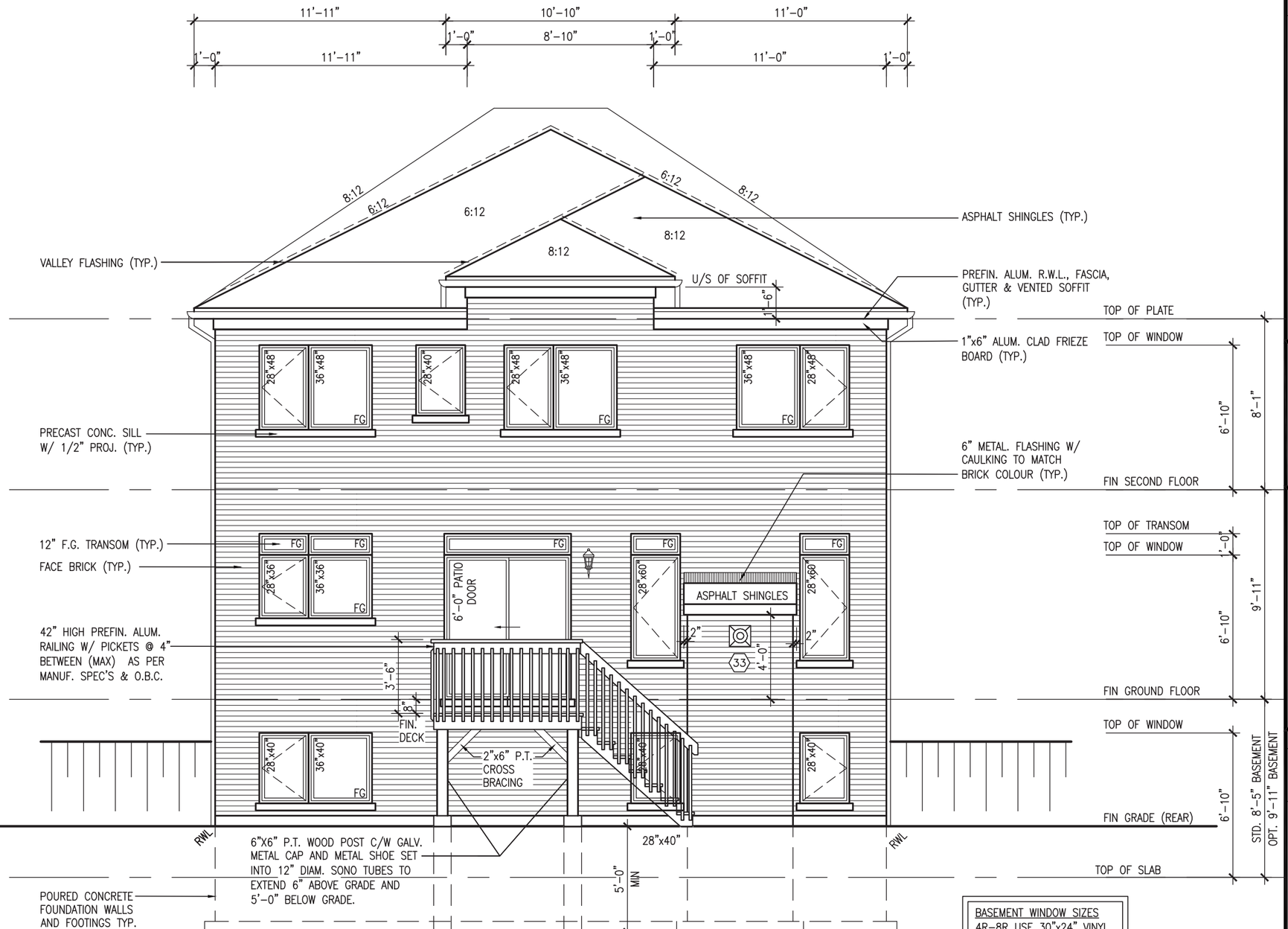
JOHN G. WILLIAMS LTD., ARCHITECT
ARCHITECTURAL CONTROL REVIEW AND APPROVAL
APPROVED BY:
DATE: MAR 03, 2022
This stamp certifies compliance with the applicable Design Guidelines only and bears no further professional responsibility.

REFER TO FRONT ELEVATION FOR TYPICAL NOTES & INFORMATION

LICENSED PROFESSIONAL ENGINEER
S. J. BOYD
90214198
PROVINCE OF ONTARIO
MAR 1, 2022



BASEMENT WINDOW SIZES
4R-8R USE 30"x24" VINYL CLAD STRUCTURAL STEEL FRAME BASEMENT WINDOWS

UPGRADED REAR ELEVATION 'C' -W.O.D. 9R OR MORE COND.

BAYVIEW WELLINGTON — S38-20 -

project name: GREEN VALLEY ESTATES — municipality: BRADFORD EAST, ON.

UPGRADED REAR ELEV. 'C' -W.O.D. COND.

date	SEPT. 2021	project no.	16023
drawn by	NC	checked by	JWM
scale	3/16" = 1'-0"	drawing no.	28
file name	16023-S38-20		

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VA3 DESIGN
255 Consumers Rd Suite 120
Toronto ON M2J 1R4
t 416.630.2255 f 416.630.4782
va3design.com

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registration information: VA3 Design Inc. — 42658
signature — BCIN

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3	REVISED AS PER ENG COMMENTS	MAR 01-22	RC
2	REVISED AS PER FLOOR / ROOF LAYOUTS	FEB 24-22	RC
1	ISSUED FOR CLIENT REVIEW	NOV 23-21	VA3

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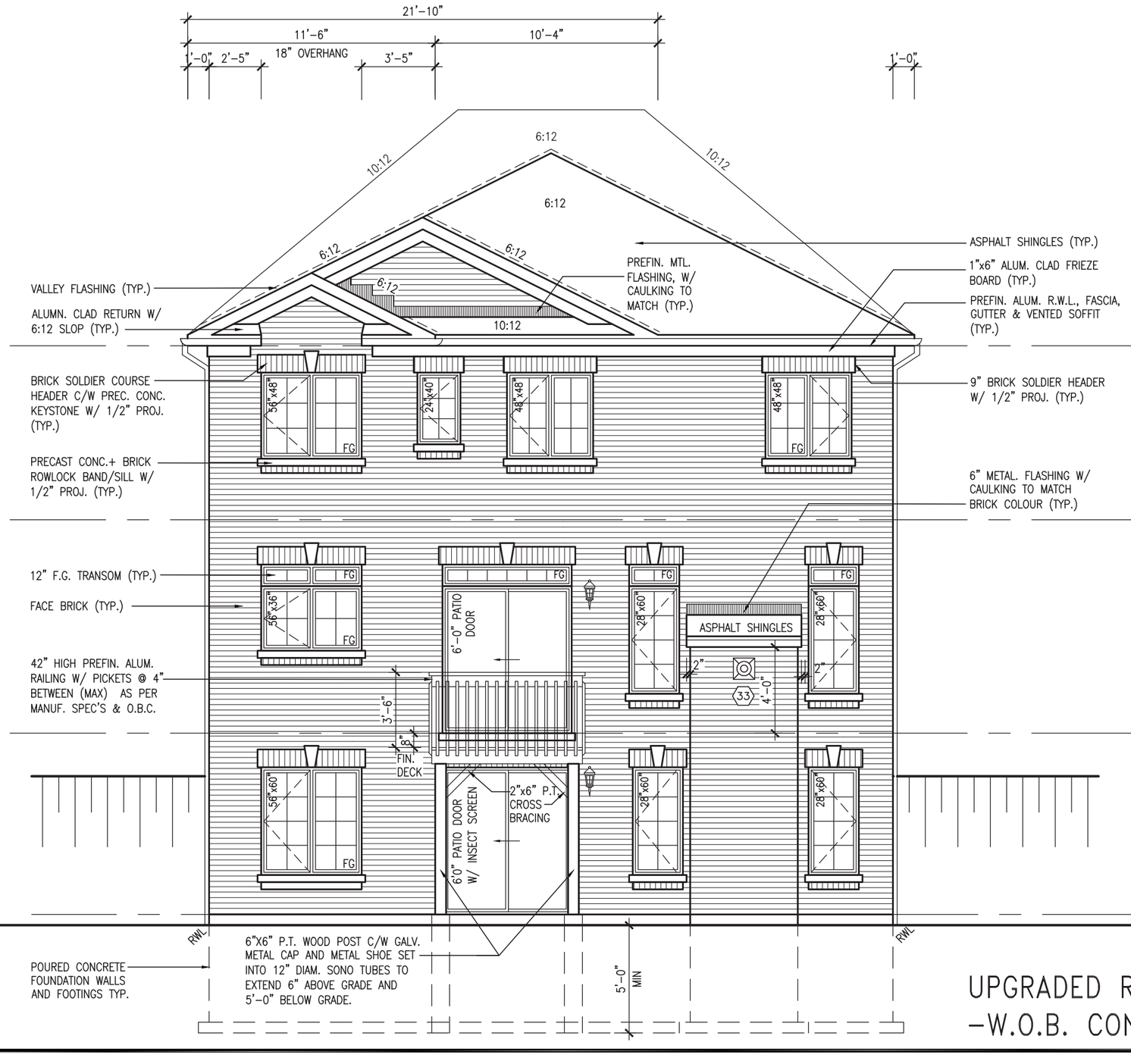
This is to certify that these plans comply with the applicable Architectural Design Guidelines approved by the Town of BRADFORD / WEST GWILLIMBURY.

JOHN G. WILLIAMS LTD., ARCHITECT
ARCHITECTURAL CONTROL REVIEW AND APPROVAL
APPROVED BY:
DATE: MAR 03, 2022
This stamp certifies compliance with the applicable Design Guidelines only and bears no further professional responsibility.

REFER TO FRONT ELEVATION FOR TYPICAL NOTES & INFORMATION



UPGRADED REAR ELEVATION 'A' -W.O.B. CONDITION

MAR 1, 2022

LICENSED PROFESSIONAL ENGINEER
S. J. BOYD
90214198
PROVINCE OF ONTARIO

S38-20 -

project no. 16023

BAYVIEW WELLINGTON

municipality: BRADFORD EAST, ON.

project name: GREEN VALLEY ESTATES

UPGRADED REAR ELEV. 'A' -W.O.B. COND.

drawing no. 29

date: SEPT. 2021 | checked by: JWM | scale: 3/16" = 1'-0" | file name: 16023-S38-20

drawn by: NC

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VA3 DESIGN
255 Consumers Rd Suite 120
Toronto ON M2J 1R4
t 416.630.2255 f 416.630.4782
va3design.com

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 — BCIN
name
registration information
VA3 Design Inc. — 42658
Signature

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 retained as property of the Designer which must be returned at the completion of the work. Drawings are not to be scaled.

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3	REVISED AS PER ENG COMMENTS	MAR 01-22	RC
2	REVISED AS PER FLOOR / ROOF LAYOUTS	FEB 24-22	RC
1	ISSUED FOR CLIENT REVIEW	NOV 23-21	VA3

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JOHN G. WILLIAMS LTD., ARCHITECT
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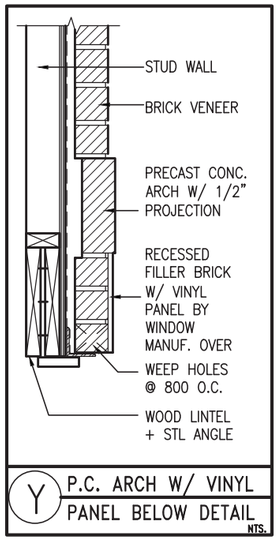
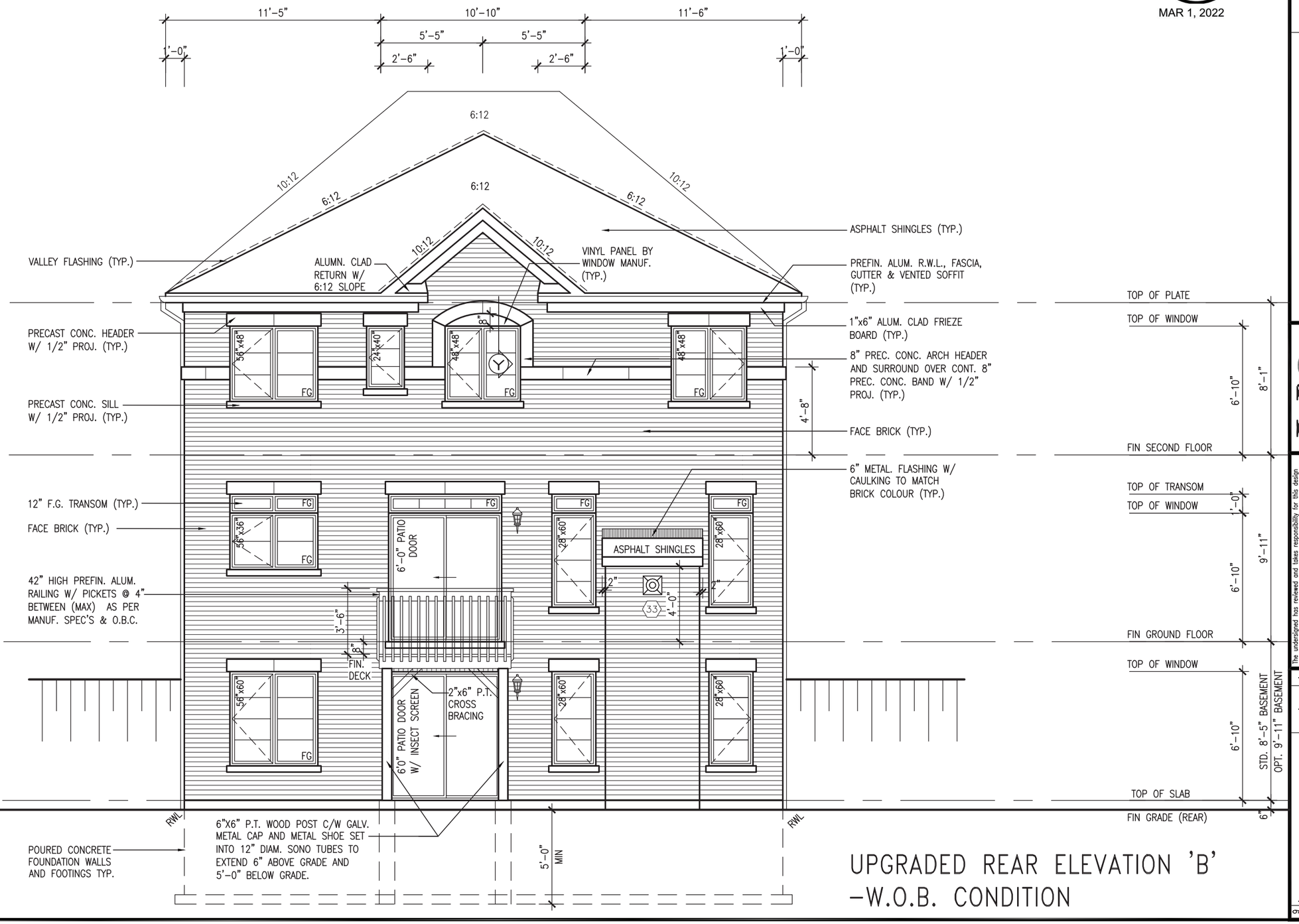
REFER TO FRONT ELEVATION FOR TYPICAL NOTES & INFORMATION





UPGRADED REAR ELEVATION 'B' -W.O.B. CONDITION

MAR 1, 2022

LICENSED PROFESSIONAL ENGINEER
S.J. BOYD
90214198
PROVINCE OF ONTARIO

BAYVIEW WELLINGTON

S38-20 -

project no. 16023

project name: GREEN VALLEY ESTATES
municipality: BRADFORD EAST, ON.
UPGRADED REAR ELEV. 'B' -W.O.B. COND.
drawing no. 30
date: SEPT. 2021
drawn by: NC
checked by: JWM
scale: 3/16" = 1'-0"
file name: 16023-S38-20

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VA3 DESIGN
255 Consumers Rd Suite 120
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t 416.630.2255 f 416.630.4782
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qualification information: Wellington Jno-Baptiste — 25591
registration information: VA3 Design Inc. — 42658
signature

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3	REVISED AS PER ENG COMMENTS	MAR 01-22	RC
2	REVISED AS PER FLOOR / ROOF LAYOUTS	FEB 24-22	RC
1	ISSUED FOR CLIENT REVIEW	NOV 23-21	VA3

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JOHN G. WILLIAMS LTD., ARCHITECT
ARCHITECTURAL CONTROL REVIEW AND APPROVAL
APPROVED BY:
DATE: MAR 03, 2022
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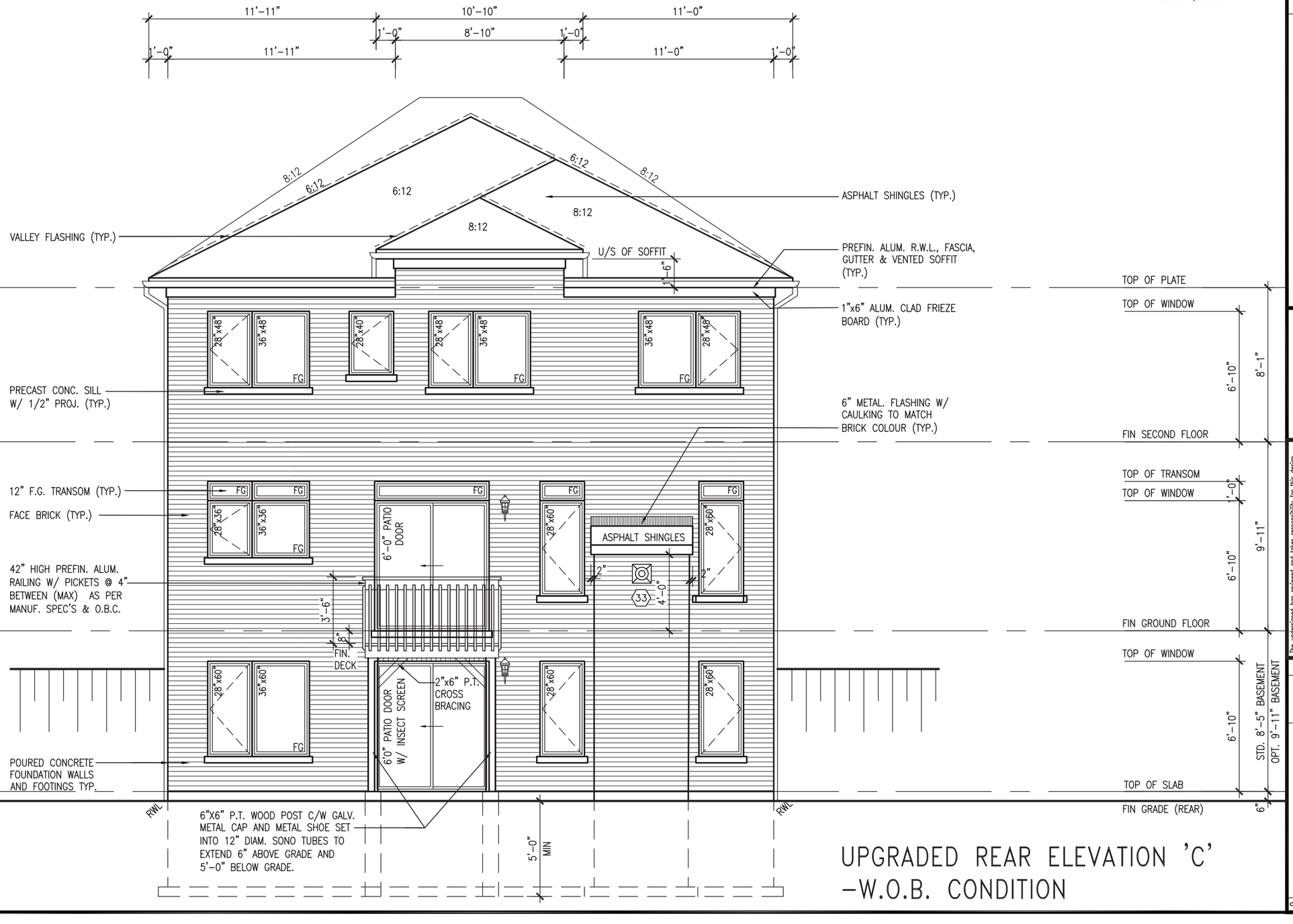
REFER TO FRONT ELEVATION FOR TYPICAL NOTES & INFORMATION

LICENSED PROFESSIONAL ENGINEER
S. J. BOYD
90214198
PROVINCE OF ONTARIO
MAR 1, 2022



UPGRADED REAR ELEVATION 'C' -W.O.B. CONDITION

BAYVIEW WELLINGTON
S38-20
-
project no. 16023
project name GREEN VALLEY ESTATES
municipality BRADFORD EAST, ON.
UPGRADED REAR ELEV. 'C'- W.O.B. COND.
drawing no. 31
date SEPT. 2021
drawn by NC
checked by JWM
scale 3/16" = 1'-0"
file name 16023-S38-20

VA3 DESIGN
255 Consumers Rd Suite 120
Toronto ON M2J 1R4
t 416.630.2255 f 416.630.4782
va3design.com

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
registration information
Wellington Jno-Baptiste
name
VA3 Design Inc.
signature
25591
BCIN
42658

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2	REVISED AS PER FLOOR / ROOF LAYOUTS	FEB 24-22	RC
1	ISSUED FOR CLIENT REVIEW	NOV 23-21	VA3

UNINSULATED OPENINGS (PER OBC. SB-12,3.1.1(7))

STANDARD & REAR UPGRADE STD SEC. FL.

S38-20 ELEVATION A	ENERGY EFFICIENCY – OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	645 S.F.	136.22 S.F.	21.12 %
LEFT SIDE	1213 S.F.	90.67 S.F.	7.47 %
RIGHT SIDE	1200 S.F.	74.00 S.F.	6.17 %
REAR	635 S.F.	157.86 S.F.	24.86 %
* 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.	3693.00 S.F.	458.75 S.F.	12.42 %
TOTAL SQ. M.	343.09 S.M.	42.62 S.M.	12.42 %

UNINSULATED OPENINGS (PER OBC. SB-12,3.1.1(7))

STANDARD & REAR UPGRADE STD SEC. FL.

S38-20 ELEVATION B	ENERGY EFFICIENCY – OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	656 S.F.	138.22 S.F.	21.07 %
LEFT SIDE	1213 S.F.	90.67 S.F.	7.47 %
RIGHT SIDE	1200 S.F.	74.00 S.F.	6.17 %
REAR	635 S.F.	157.86 S.F.	24.86 %
* 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.	3704.00 S.F.	460.75 S.F.	12.44 %
TOTAL SQ. M.	344.11 S.M.	42.80 S.M.	12.44 %

UNINSULATED OPENINGS (PER OBC. SB-12,3.1.1(7))

STANDARD REAR & STD SEC. FL.

S38-20 ELEVATION C	ENERGY EFFICIENCY – OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	643 S.F.	156.22 S.F.	24.30 %
LEFT SIDE	1252 S.F.	90.67 S.F.	7.24 %
RIGHT SIDE	1218 S.F.	74.00 S.F.	6.08 %
REAR	635 S.F.	157.86 S.F.	24.86 %
* 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.	3748.00 S.F.	478.75 S.F.	12.77 %
TOTAL SQ. M.	348.20 S.M.	44.48 S.M.	12.77 %

UNINSULATED OPENINGS (PER OBC. SB-12,3.1.1(7))

STANDARD & REAR UPGRADE OPT. SEC. FL.

S38-20 ELEVATION A	ENERGY EFFICIENCY – OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	645 S.F.	136.22 S.F.	21.12 %
LEFT SIDE	1213 S.F.	90.67 S.F.	7.47 %
RIGHT SIDE	1200 S.F.	83.33 S.F.	6.94 %
REAR	635 S.F.	157.86 S.F.	24.86 %
* 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.	3693.00 S.F.	468.08 S.F.	12.67 %
TOTAL SQ. M.	343.09 S.M.	43.49 S.M.	12.67 %

UNINSULATED OPENINGS (PER OBC. SB-12,3.1.1(7))

STANDARD & REAR UPGRADE OPT. SEC. FL.

S38-20 ELEVATION B	ENERGY EFFICIENCY – OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	656 S.F.	138.22 S.F.	21.07 %
LEFT SIDE	1213 S.F.	90.67 S.F.	7.47 %
RIGHT SIDE	1200 S.F.	83.33 S.F.	6.94 %
REAR	635 S.F.	157.86 S.F.	24.86 %
* 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.	3704.00 S.F.	470.08 S.F.	12.69 %
TOTAL SQ. M.	344.11 S.M.	43.67 S.M.	12.69 %

UNINSULATED OPENINGS (PER OBC. SB-12,3.1.1(7))

STANDARD REAR & OPT. SEC. FL.

S38-20 ELEVATION C	ENERGY EFFICIENCY – OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	643 S.F.	156.22 S.F.	24.30 %
LEFT SIDE	1253 S.F.	90.67 S.F.	7.24 %
RIGHT SIDE	1218 S.F.	83.33 S.F.	6.84 %
REAR	635 S.F.	157.86 S.F.	24.86 %
* 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.	3749.00 S.F.	488.08 S.F.	13.02 %
TOTAL SQ. M.	348.29 S.M.	45.34 S.M.	13.02 %

UNINSULATED OPENINGS (PER OBC. SB-12,3.1.1(7))

STANDARD & REAR UPGRADE STD SEC. FL.

S38-20 ELEVATION A WOD	ENERGY EFFICIENCY – OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	645 S.F.	136.22 S.F.	21.12 %
LEFT SIDE	1213 S.F.	90.67 S.F.	7.47 %
RIGHT SIDE	1200 S.F.	74.00 S.F.	6.17 %
REAR	762 S.F.	182.11 S.F.	23.90 %
* 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.	3820.00 S.F.	483.00 S.F.	12.64 %
TOTAL SQ. M.	354.89 S.M.	44.87 S.M.	12.64 %

UNINSULATED OPENINGS (PER OBC. SB-12,3.1.1(7))

STANDARD & REAR UPGRADE STD SEC. FL.

S38-20 ELEVATION B WOD	ENERGY EFFICIENCY – OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	656 S.F.	138.22 S.F.	21.07 %
LEFT SIDE	1213 S.F.	90.67 S.F.	7.47 %
RIGHT SIDE	1200 S.F.	74.00 S.F.	6.17 %
REAR	762 S.F.	182.11 S.F.	23.90 %
* 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.	485.00 S.F.	12.66 %
TOTAL SQ. M.	355.91 S.M.	45.06 S.M.	12.66 %

UNINSULATED OPENINGS (PER OBC. SB-12,3.1.1(7))

STANDARD REAR & STD SEC. FL.

S38-20 ELEVATION C WOD	ENERGY EFFICIENCY – OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	643 S.F.	156.22 S.F.	24.30 %
LEFT SIDE	1252 S.F.	90.67 S.F.	7.24 %
RIGHT SIDE	1218 S.F.	74.00 S.F.	6.08 %
REAR	762 S.F.	182.11 S.F.	23.90 %
* 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.	3875.00 S.F.	503.00 S.F.	12.98 %
TOTAL SQ. M.	360.00 S.M.	46.73 S.M.	12.98 %

UNINSULATED OPENINGS (PER OBC. SB-12,3.1.1(7))

STANDARD & REAR UPGRADE OPT. SEC. FL.

S38-20 ELEVATION A WOD	ENERGY EFFICIENCY – OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	645 S.F.	136.22 S.F.	21.12 %
LEFT SIDE	1213 S.F.	90.67 S.F.	7.47 %
RIGHT SIDE	1200 S.F.	83.33 S.F.	6.94 %
REAR	762 S.F.	182.11 S.F.	23.90 %
* 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.	3820.00 S.F.	492.33 S.F.	12.89 %
TOTAL SQ. M.	354.89 S.M.	45.74 S.M.	12.89 %

UNINSULATED OPENINGS (PER OBC. SB-12,3.1.1(7))

STANDARD & REAR UPGRADE OPT. SEC. FL.

S38-20 ELEVATION B WOD	ENERGY EFFICIENCY – OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	656 S.F.	138.22 S.F.	21.07 %
LEFT SIDE	1213 S.F.	90.67 S.F.	7.47 %
RIGHT SIDE	1200 S.F.	83.33 S.F.	6.94 %
REAR	762 S.F.	182.11 S.F.	23.90 %
* 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.	494.33 S.F.	12.90 %
TOTAL SQ. M.	355.91 S.M.	45.92 S.M.	12.90 %

UNINSULATED OPENINGS (PER OBC. SB-12,3.1.1(7))

STANDARD REAR & OPT. SEC. FL.

S38-20 ELEVATION C WOD	ENERGY EFFICIENCY – OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	643 S.F.	156.22 S.F.	24.30 %
LEFT SIDE	1253 S.F.	90.67 S.F.	7.24 %
RIGHT SIDE	1218 S.F.	83.33 S.F.	6.84 %
REAR	762 S.F.	182.11 S.F.	23.90 %
* 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.	3876.00 S.F.	512.33 S.F.	13.22 %
TOTAL SQ. M.	360.09 S.M.	47.60 S.M.	13.22 %

BAYVIEW WELLINGTON — **S38-20** -

project name: **GREEN VALLEY ESTATES** — municipality: BRADFORD EAST, ON.

UPGRADED REAR ELEV. 'C'- W.O.B. COND.

date: SEPT. 2021 | drawn by: NC | checked by: JWM | scale: 3/16" = 1'-0" | file name: 16023-S38-20

project no. 16023 | drawing no. 32

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1	ISSUED FOR CLIENT REVIEW	NOV 23-21	VA3

UNINSULATED OPENINGS (PER OBC. SB-12,3.1.1(7))

STANDARD & REAR UPGRADE STD SEC. FL.

S38-20 ELEVATION A WOB	ENERGY EFFICIENCY – OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	645 S.F.	136.22 S.F.	21.12 %
LEFT SIDE	1213 S.F.	90.67 S.F.	7.47 %
RIGHT SIDE	1200 S.F.	74.00 S.F.	6.17 %
REAR	855 S.F.	238.67 S.F.	27.91 %
* 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.	3913.00 S.F.	539.56 S.F.	13.79 %
TOTAL SQ. M.	363.53 S.M.	50.13 S.M.	13.79 %

UNINSULATED OPENINGS (PER OBC. SB-12,3.1.1(7))

STANDARD & REAR UPGRADE STD SEC. FL.

S38-20 ELEVATION B WOB	ENERGY EFFICIENCY – OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	656 S.F.	138.22 S.F.	21.07 %
LEFT SIDE	1213 S.F.	90.67 S.F.	7.47 %
RIGHT SIDE	1200 S.F.	74.00 S.F.	6.17 %
REAR	855 S.F.	238.67 S.F.	27.91 %
* 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.	3924.00 S.F.	541.56 S.F.	13.80 %
TOTAL SQ. M.	364.55 S.M.	50.31 S.M.	13.80 %

UNINSULATED OPENINGS (PER OBC. SB-12,3.1.1(7))

STANDARD REAR & STD SEC. FL.

S38-20 ELEVATION C WOB	ENERGY EFFICIENCY – OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	643 S.F.	156.22 S.F.	24.30 %
LEFT SIDE	1252 S.F.	90.67 S.F.	7.24 %
RIGHT SIDE	1218 S.F.	74.00 S.F.	6.08 %
REAR	855 S.F.	238.67 S.F.	27.91 %
* 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.	3968.00 S.F.	559.56 S.F.	14.10 %
TOTAL SQ. M.	368.64 S.M.	51.98 S.M.	14.10 %

UNINSULATED OPENINGS (PER OBC. SB-12,3.1.1(7))

STANDARD & REAR UPGRADE OPT. SEC. FL.

S38-20 ELEVATION A WOB	ENERGY EFFICIENCY – OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	645 S.F.	136.22 S.F.	21.12 %
LEFT SIDE	1213 S.F.	90.67 S.F.	7.47 %
RIGHT SIDE	1200 S.F.	83.33 S.F.	6.94 %
REAR	855 S.F.	238.67 S.F.	27.91 %
* 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.	3913.00 S.F.	548.89 S.F.	14.03 %
TOTAL SQ. M.	363.53 S.M.	50.99 S.M.	14.03 %

UNINSULATED OPENINGS (PER OBC. SB-12,3.1.1(7))

STANDARD & REAR UPGRADE OPT. SEC. FL.

S38-20 ELEVATION B WOB	ENERGY EFFICIENCY – OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	656 S.F.	138.22 S.F.	21.07 %
LEFT SIDE	1213 S.F.	90.67 S.F.	7.47 %
RIGHT SIDE	1200 S.F.	83.33 S.F.	6.94 %
REAR	855 S.F.	238.67 S.F.	27.91 %
* 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.	3924.00 S.F.	550.89 S.F.	14.04 %
TOTAL SQ. M.	364.55 S.M.	51.18 S.M.	14.04 %

UNINSULATED OPENINGS (PER OBC. SB-12,3.1.1(7))

STANDARD REAR & OPT. SEC. FL.

S38-20 ELEVATION C WOB	ENERGY EFFICIENCY – OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	643 S.F.	156.22 S.F.	24.30 %
LEFT SIDE	1253 S.F.	90.67 S.F.	7.24 %
RIGHT SIDE	1218 S.F.	83.33 S.F.	6.84 %
REAR	855 S.F.	268.67 S.F.	31.42 %
* 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.	3969.00 S.F.	598.89 S.F.	15.09 %
TOTAL SQ. M.	368.73 S.M.	55.64 S.M.	15.09 %

UNINSULATED OPENINGS (PER OBC. SB-12,3.1.1(7))

UPGRADE REAR & STD SEC. FL.

S38-20 ELEVATION C	ENERGY EFFICIENCY – OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	643 S.F.	156.22 S.F.	24.30 %
LEFT SIDE	1252 S.F.	90.67 S.F.	7.24 %
RIGHT SIDE	1218 S.F.	74.00 S.F.	6.08 %
REAR	635 S.F.	174.78 S.F.	27.52 %
* 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.	3748.00 S.F.	495.67 S.F.	13.22 %
TOTAL SQ. M.	348.20 S.M.	46.05 S.M.	13.22 %

UNINSULATED OPENINGS (PER OBC. SB-12,3.1.1(7))

UPGRADE REAR & STD SEC. FL.

S38-20 ELEVATION C WOD	ENERGY EFFICIENCY – OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	643 S.F.	156.22 S.F.	24.30 %
LEFT SIDE	1252 S.F.	90.67 S.F.	7.24 %
RIGHT SIDE	1218 S.F.	74.00 S.F.	6.08 %
REAR	762 S.F.	201.44 S.F.	26.44 %
* 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.	3875.00 S.F.	522.33 S.F.	13.48 %
TOTAL SQ. M.	360.00 S.M.	48.53 S.M.	13.48 %

UNINSULATED OPENINGS (PER OBC. SB-12,3.1.1(7))

UPGRADE REAR & STD SEC. FL.

S38-20 ELEVATION C WOB	ENERGY EFFICIENCY – OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	643 S.F.	156.22 S.F.	24.30 %
LEFT SIDE	1252 S.F.	90.67 S.F.	7.24 %
RIGHT SIDE	1218 S.F.	74.00 S.F.	6.08 %
REAR	855 S.F.	259.11 S.F.	30.31 %
* 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.	3968.00 S.F.	580.00 S.F.	14.62 %
TOTAL SQ. M.	368.64 S.M.	53.88 S.M.	14.62 %

UNINSULATED OPENINGS (PER OBC. SB-12,3.1.1(7))

UPGRADE REAR & OPT. SEC. FL.

S38-20 ELEVATION C	ENERGY EFFICIENCY – OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	643 S.F.	156.22 S.F.	24.30 %
LEFT SIDE	1253 S.F.	90.67 S.F.	7.24 %
RIGHT SIDE	1218 S.F.	83.33 S.F.	6.84 %
REAR	635 S.F.	174.78 S.F.	27.52 %
* 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.	3749.00 S.F.	505.00 S.F.	13.47 %
TOTAL SQ. M.	348.29 S.M.	46.92 S.M.	13.47 %

UNINSULATED OPENINGS (PER OBC. SB-12,3.1.1(7))

UPGRADE REAR & OPT. SEC. FL.

S38-20 ELEVATION C WOD	ENERGY EFFICIENCY – OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	643 S.F.	156.22 S.F.	24.30 %
LEFT SIDE	1253 S.F.	90.67 S.F.	7.24 %
RIGHT SIDE	1218 S.F.	83.33 S.F.	6.84 %
REAR	762 S.F.	201.44 S.F.	26.44 %
* 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.	3876.00 S.F.	531.66 S.F.	13.72 %
TOTAL SQ. M.	360.09 S.M.	49.39 S.M.	13.72 %

UNINSULATED OPENINGS (PER OBC. SB-12,3.1.1(7))

UPGRADE REAR & OPT. SEC. FL.

S38-20 ELEVATION C WOB	ENERGY EFFICIENCY – OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	643 S.F.	156.22 S.F.	24.30 %
LEFT SIDE	1253 S.F.	90.67 S.F.	7.24 %
RIGHT SIDE	1218 S.F.	83.33 S.F.	6.84 %
REAR	855 S.F.	259.11 S.F.	30.31 %
* 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.	3969.00 S.F.	589.33 S.F.	14.85 %
TOTAL SQ. M.	368.73 S.M.	54.75 S.M.	14.85 %

S38-20
-

project no. 16023

BAYVIEW WELLINGTON

project name **GREEN VALLEY ESTATES** municipality BRADFORD EAST, ON.

UPGRADED REAR ELEV. 'C' – W.O.B. COND.

drawing no. **33**

date SEPT. 2021 | drawn by NC | checked by JWM | scale 3/16" = 1'-0" | file name 16023-S38-20

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VA3 DESIGN
255 Consumers Rd Suite 120
Toronto ON M2J 1R4
t 416.630.2255 f 416.630.4
va3design.com

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 BCIN

registration information **VA3 Design Inc.** 42658

signature

Contractor must verify all dimensions on the job and report any discrepancy to the Designer before proceeding with the work. All construction must conform to the requirements of the Ontario Building Code and all applicable by-laws. Drawings are not to be scaled.

no.	description	date	by
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3	REVISED AS PER ENG COMMENTS	MAR 01-22	RC
2	REVISED AS PER FLOOR / ROOF LAYOUTS	FEB 24-22	RC
1	ISSUED FOR CLIENT REVIEW	NOV 23-21	VA3

UNINSULATED OPENINGS (PER OBC. SB-12,3.1.1(7))

STANDARD & REAR UPGRADE STD SEC. FL. OPT. 9'-0" BASEMENT

S38-20 ELEVATION A WOB	ENERGY EFFICIENCY – OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	645 S.F.	136.22 S.F.	21.12 %
LEFT SIDE	1213 S.F.	90.67 S.F.	7.47 %
RIGHT SIDE	1200 S.F.	74.00 S.F.	6.17 %
REAR	886 S.F.	238.67 S.F.	26.94 %
* 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.	3944.00 S.F.	539.56 S.F.	13.68 %
TOTAL SQ. M.	366.41 S.M.	50.13 S.M.	13.68 %

UNINSULATED OPENINGS (PER OBC. SB-12,3.1.1(7))

STANDARD & REAR UPGRADE STD SEC. FL. OPT. 9'0" BASEMENT

S38-20 ELEVATION B WOB	ENERGY EFFICIENCY – OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	656 S.F.	138.22 S.F.	21.07 %
LEFT SIDE	1213 S.F.	90.67 S.F.	7.47 %
RIGHT SIDE	1200 S.F.	74.00 S.F.	6.17 %
REAR	886 S.F.	238.67 S.F.	26.94 %
* 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.	3955.00 S.F.	541.56 S.F.	13.69 %
TOTAL SQ. M.	367.43 S.M.	50.31 S.M.	13.69 %

UNINSULATED OPENINGS (PER OBC. SB-12,3.1.1(7))

STANDARD REAR & STD SEC. FL. OPT. 9'-0" BASEMENT

S38-20 ELEVATION C WOB	ENERGY EFFICIENCY – OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	643 S.F.	156.22 S.F.	24.30 %
LEFT SIDE	1252 S.F.	90.67 S.F.	7.24 %
RIGHT SIDE	1218 S.F.	74.00 S.F.	6.08 %
REAR	886 S.F.	238.67 S.F.	26.94 %
* 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.	3999.00 S.F.	559.56 S.F.	13.99 %
TOTAL SQ. M.	371.52 S.M.	51.98 S.M.	13.99 %

UNINSULATED OPENINGS (PER OBC. SB-12,3.1.1(7))

STANDARD REAR & OPT. SEC. FL., OPT. 9'-0" BASEMENT

S38-20 ELEVATION C WOB	ENERGY EFFICIENCY – OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	643 S.F.	156.22 S.F.	24.30 %
LEFT SIDE	1253 S.F.	90.67 S.F.	7.24 %
RIGHT SIDE	1218 S.F.	83.33 S.F.	6.84 %
REAR	886 S.F.	268.67 S.F.	30.32 %
* 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.	4000.00 S.F.	598.89 S.F.	14.97 %
TOTAL SQ. M.	371.61 S.M.	55.64 S.M.	14.97 %

UNINSULATED OPENINGS (PER OBC. SB-12,3.1.1(7))

UPGRADE REAR & STD SEC. FL., OPT. 9'-0" BASEMENT

S38-20 ELEVATION C WOB	ENERGY EFFICIENCY – OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	643 S.F.	156.22 S.F.	24.30 %
LEFT SIDE	1252 S.F.	90.67 S.F.	7.24 %
RIGHT SIDE	1218 S.F.	74.00 S.F.	6.08 %
REAR	886 S.F.	259.11 S.F.	29.24 %
* 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.	3999.00 S.F.	580.00 S.F.	14.50 %
TOTAL SQ. M.	371.52 S.M.	53.88 S.M.	14.50 %

UNINSULATED OPENINGS (PER OBC. SB-12,3.1.1(7))

UPGRADE REAR & OPT. SEC. FL., OPT. 9'-0" BASEMENT

S38-20 ELEVATION C WOB	ENERGY EFFICIENCY – OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	643 S.F.	156.22 S.F.	24.30 %
LEFT SIDE	1253 S.F.	90.67 S.F.	7.24 %
RIGHT SIDE	1218 S.F.	83.33 S.F.	6.84 %
REAR	886 S.F.	259.11 S.F.	29.24 %
* 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.	4000.00 S.F.	589.33 S.F.	14.73 %
TOTAL SQ. M.	371.61 S.M.	54.75 S.M.	14.73 %

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3	REVISED AS PER ENG COMMENTS	MAR 01-22	RC
2	REVISED AS PER FLOOR / ROOF LAYOUTS	FEB 24-22	RC
1	ISSUED FOR CLIENT REVIEW	NOV 23-21	VA3

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 BCIN
name signature
registration information 42658
VA3 Design Inc.

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
255 Consumers Rd Suite 120
Toronto ON M2J 1R4
t 416.630.2255 f 416.630.4782
va3design.com

BAYVIEW WELLINGTON — **S38-20** -

project name: **GREEN VALLEY ESTATES** municipality: BRADFORD EAST, ON.

UPGRADED REAR ELEV. 'C'- W.O.B. COND.

date: SEPT. 2021 | drawn by: NC | checked by: JWM | scale: 3/16" = 1'-0" | project no. 16023 | drawing no. 34 | file name 16023-S38-20

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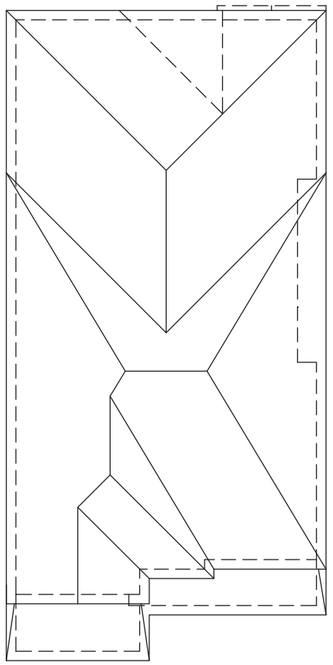
This is to certify that these plans comply with the applicable Architectural Design Guidelines approved by the Town of BRADFORD / WEST GWILLIMBURY.

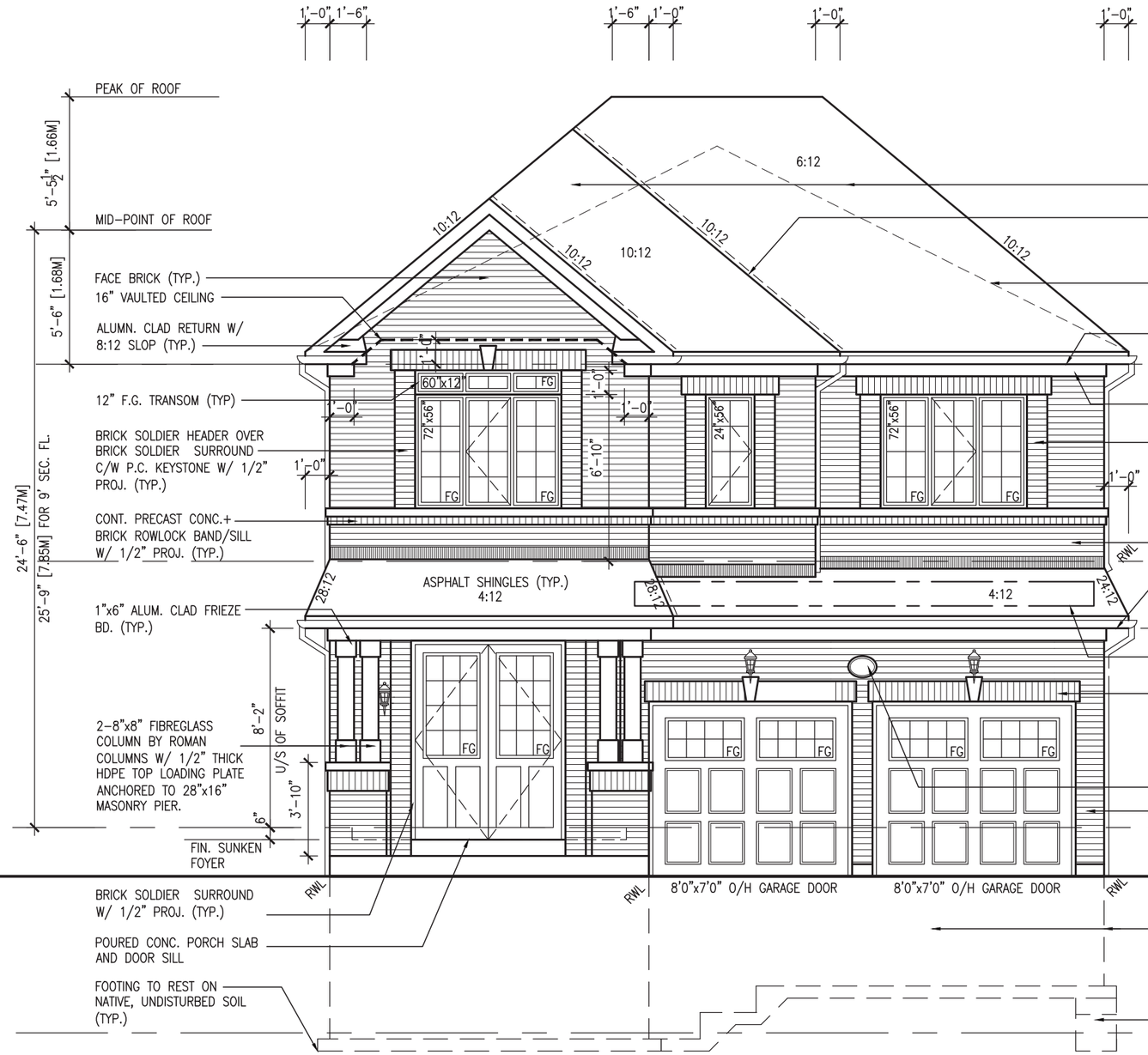
JOHN G. WILLIAMS LTD., ARCHITECT
ARCHITECTURAL CONTROL REVIEW AND APPROVAL
APPROVED BY:
DATE: MAR 03, 2022
This stamp certifies compliance with the applicable Design Guidelines only and bears no further professional responsibility.

10' GROUND

LICENSED PROFESSIONAL ENGINEER
S. J. BOYD
90214198
PROVINCE OF ONTARIO
MAR 1, 2022



ROOF PLAN 'A'



FRONT ELEVATION 'A'

BAYVIEW WELLINGTON

S38-20 -

project no. 16023

project name GREEN VALLEY ESTATES
municipality BRADFORD EAST, ON.

FRONT ELEVATION 'A'

drawing no. 35

date SEPT. 2021
drawn by NC
checked by JWM
scale 3/16" = 1'-0"
file name 16023-S38-20

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VA3 DESIGN
255 Consumers Rd Suite 120
Toronto ON M2J 1R4
t 416.630.2255 f 416.630.4782
va3design.com

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
registration information
VA3 Design Inc.
signature
25591 BCIN
42658

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3	REVISED AS PER ENG COMMENTS	MAR 01-22	RC
2	REVISED AS PER FLOOR / ROOF LAYOUTS	FEB 24-22	RC
1	ISSUED FOR CLIENT REVIEW	NOV 26-21	VA3

LICENSED PROFESSIONAL ENGINEER
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PROVINCE OF ONTARIO
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JOHN G. WILLIAMS LTD., ARCHITECT
ARCHITECTURAL CONTROL REVIEW AND APPROVAL
APPROVED BY:
DATE: MAR 03, 2022
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REFER TO FRONT ELEVATION FOR TYPICAL NOTES & INFORMATION

1'-0" 1'-0"
6:12 6:12 6:12 6:12 10:12 10:12
VALLEY FLASHING (TYP.)
ROOF LINE FOR UPGRADE ONLY
17'-2"
EXTENT OF WALL BEHIND
1"x6" ALUM. CLAD FRIEZE BOARD (TYP.)
T.O. PLATE
T.O. WIN.
4'-0" FRIEZE BD. RETURN FOR UPGRADE ONLY
BRICK SOLDIER COURSE W/ 1/2" PROJ. (TYP.)
24"x40"
48"x60"
4'-0" RETURN
1'-0"
CONT. PRECAST CONC.+ BRICK ROWLOCK BAND/SILL W/ 1/2" PROJ. (TYP.)
PRECAST CONC. SILL (TYP.)
FG FG
PREFIN. MTL. FLASHING, W/ CAULKING TO MATCH (TYP.)
FIN. 2ND. FLOOR
STD. 8'-1" SECOND FLR.
OPT. 9'-1" SECOND FLR.
9' SECOND @ 7'-6"
8' SECOND @ 6'-10"
18" F.G. TRANSOM (TYP)
± 4'-10 1/2"
4:12
28:12
T.O. TRANSOM
1'-6"
T.O. WIN.
1"x6" ALUM. CLAD FRIEZE BD. (TYP.)
1'-0"
2-8"x8" FIBREGLASS COLUMN BY ROMAN COLUMNS W/ 1/2" THICK HDPE TOP LOADING PLATE ANCHORED TO 28"x16" MASONRY PIER.
8'-2" U/S OF SOFFIT
3'-10"
7'-4"
10'-11"
FIN. GRND. FLOOR
LANDING
LANDING
8:12
4'-0"
28"x60" 28"x60" 48"x60" 24"x40"
FG FG FG FG
ADD MUNTIN BARS FOR UPGRADE ONLY
30"x16"
VINYL CLAD STL. FRAME BASEMENT WINDOW (TYP.)
SUNKEN FOYER 6"
FIN GRADE
POURED CONC. PORCH SLAB
RWL RWL
STD. 8'-5" BASEMENT
OPT. 9'-11" BASEMENT
POURED CONC. FNDTN. WALLS AND FOOTINGS (TYP.)
T.O. SLAB

WALL AREA	1274.00 SQ. FT.
WALL AREA (OPT. 9' SEC. FL.)	1395.33 SQ. FT.
LIMITING DISTANCE	1.2 M (7%)
OPENING ALLOWED	89.18 SQ. FT.
OPENING ALLOWED (OPT. 9' SEC. FL.)	97.67 SQ. FT.
OPENING PROVIDED	59.52 SQ. FT. (GLASS AREA ONLY)

LEFT SIDE ELEVATION 'A'

S38-20 -

BAYVIEW WELLINGTON

project name: GREEN VALLEY ESTATES
municipality: BRADFORD EAST, ON.
LEFT SIDE ELEVATION 'A'
date: SEPT. 2021
drawn by: NC
checked by: JWM
scale: 3/16" = 1'-0"
project no. 16023
drawing no. 36
file name 16023-S38-20

VA3 DESIGN
255 Consumers Rd Suite 120
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qualification information: Wellington Jno-Baptiste
registration information: VA3 Design Inc.
signature
BCIN 25591 42658

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no.	description	date	by
1	ISSUED FOR CLIENT REVIEW	NOV 26-21	VA3
2	REVISED AS PER FLOOR / ROOF LAYOUTS	FEB 24-22	RC
3	REVISED AS PER ENG COMMENTS	MAR 01-22	RC
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BRICK VENEER CONSTRUCTION

(FOR WALLS LESS THAN 1.2M (3'–11") FROM THE LOT LINE)
45 MINUTE FIRE RATED WALL

PROVIDE A CONTINUOUS LAYER OF 12.7mm (1/2") TYPE 'X' GYPSUM BOARD (INTERIOR SIDE) INSTALLED SO THAT ALL EDGES ARE SUPPORTED, TAPED AND FILLED. SPACE BETWEEN WOOD STUDS TO BE FILLED WITH INSULATION CONFORMING TO CAN/ULC–S702, "MINERAL FIBRE THERMAL INSULATION FOR BUILDINGS" WITH A MASS OF NOT LESS THAN 1.22 Kg/SQ.M. AND MUST FILL AT LEAST 90% OF THE CAVITY THICKNESS. THE TYPE 'X' & INSULATION MUST BE RUN CONTINUOUSLY BEHIND ALL INTERSECTING PARTITIONS, MECHANICAL CHASES, BATHTUBS, SHOWERS, ETC. ENSURE INSULATION & TYPE 'X' IS INSTALLED IN GARAGE EXTERIOR WALLS.

(REFER TO SECTION SB–2 OF OBC 2012–SUPPLEMENTARY STANDARDS)

LICENSED PROFESSIONAL ENGINEER
S. J. BOYD
90214198
PROVINCE OF ONTARIO
MAR 1, 2022

10' GROUND

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REFER TO FRONT ELEVATION FOR TYPICAL NOTES & INFORMATION

1'–0"

10:12 6:12 10:12 10:12 6:12 6:12 6:12

EXTENT OF WALL BEHIND

ROOF LINE FOR UPGRADE ONLY

17'–2"

DASHED LINES INDICATES WINDOW LOCATION FOR OPT. SECOND FLR. 5 BR PLAN

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

4'–0" RETURN

1'–0"

1'–0" 1'–0"

FACE BRICK (TYP.)

4'–0" FRIEZE BD. RETURN FOR UPGRADE ONLY

T.O. PLATE
T.O. WIN.
FIN. 2ND. FLOOR
8' SECOND @ 10" 6'–10"
9' SECOND @ 7'–6"
STD. 8'–1" SECOND FLR.
OPT. 9'–1" SECOND FLR.

PREFIN. MTL. FLASHING, W/ CAULKING TO MATCH (TYP.)

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

4:12 28:12 24:12

48"x48" FG FG 48"x48" 24"x40"

8"x8" FIBREGLASS COLUMN BY ROMAN COLUMNS W/ 1/2" THICK HDPE TOP LOADING PLATE ANCHORED TO 28"x16" MASONRY PIER.

6'–0" RETURN

8'–2" U/S OF SOFFIT

48"x60" FG FG 48"x60" FG FG

BRICK SOLDIER COURSE W/ 1/2" PROJ. (TYP.)

PRECAST CONC. SILL W/ 1/2" PROJ. (TYP.)

T.O. TRANSOM
1'–6"
T.O. WIN.
7'–4"
10'–11"
8:12
4'–0"
FIN. GRND. FLOOR

6" SUNKEN FOYER

3'–10"

RWL

30"x16"

VINYL CLAD STL. FRAME BASEMENT WINDOW (TYP.)

RWL

FIN GRADE

STD. 8'–5" BASEMENT
OPT. 9'–11" BASEMENT

POURED CONC. PORCH SLAB

5'–0" MIN.

POURED CONCRETE FNDTN. WALLS AND FOOTINGS (TYP.)

U/S OF FOOTING

STEPPED FOOTING AS REQ'D (TYP.) 30

WALL AREA	1245.72 SQ. FT.
WALL AREA (OPT. 9' SEC. FL.)	1302.72 SQ. FT.
LIMITING DISTANCE	1.2 M (7%)
OPENING ALLOWED	87.20 SQ. FT.
OPENING ALLOWED (OPT. 9' SEC. FL.)	91.19 SQ. FT.
OPENING PROVIDED	STD. 2ND 47.76 SQ. FT. (GLASS AREA ONLY)
	OPT. 2ND 53.84 SQ. FT. (GLASS AREA ONLY)

T.O. SLAB

HEADER/RIM JOIST LEVEL

(FOR WALLS LESS THAN 1.2M (3'–11") FROM THE LOT LINE)45 MINUTE FIRE RATING @ HEADER

PROVIDE 15.9mm (5/8") TYPE 'X' GYPSUM BOARD BETWEEN FLOOR JOIST AT THE HEADER OR CONTINUOUSLY ALONG THE RIM JOIST WHEN FLOOR JOISTS ARE PARALLEL TO RIM JOIST TO MAINTAIN 45 MINUTE FIRE RATING.

RIGHT SIDE ELEVATION 'A'

S38–20 -

project no. 16023
drawing no. 37

BAYVIEW WELLINGTON

project name GREEN VALLEY ESTATES
municipality BRADFORD EAST, ON.
RIGHT SIDE ELEVATION 'A'
date SEPT. 2021
drawn by NC
checked by JWM
scale 3/16" = 1'–0"
file name 16023-S38-20
RICHARD - H:\ARCHIVE\WORKING\2016\16023.BW\Units\38\16023-S38-20.dwg - Tue - Mar 1 2022 - 2:39 PM

VA3 DESIGN
255 Consumers Rd Suite 120
Toronto ON M2J 1R4
t 416.630.2255 f 416.630.4782
va3design.com

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
registration information VA3 Design Inc. 42658
signature
name BCIN

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.

no.	description	date	by
9	.	.	.
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4	.	.	.
3	REVISED AS PER ENG COMMENTS	MAR 01–22	RC
2	REVISED AS PER FLOOR / ROOF LAYOUTS	FEB 24–22	RC
1	ISSUED FOR CLIENT REVIEW	NOV 26–21	VA3

LICENSED PROFESSIONAL ENGINEER
S. J. BOYD
90214198
PROVINCE OF ONTARIO
MAR 1, 2022

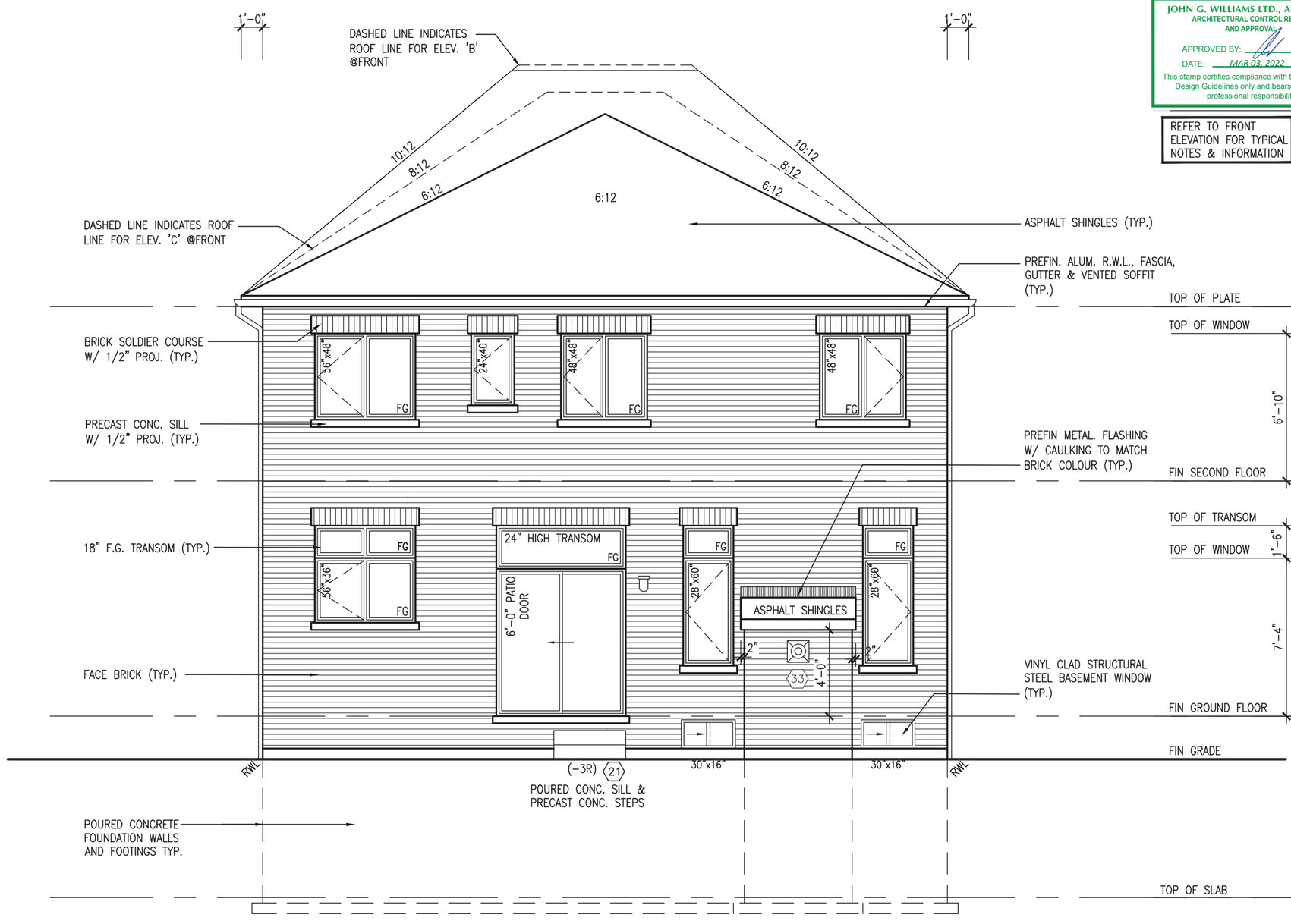
10' GROUND

It is the builder's complete responsibility to ensure that all plans submitted for approval fully comply with the Architectural Guidelines and all applicable regulations and requirements including zoning provisions and any provisions in the subdivision agreement. The Control Architect is not responsible in any way for examining or approving site (lotting) plans or working drawings with respect to any zoning or building code or permit matter or that any house can be properly built or located on its lot.

This is to certify that these plans comply with the applicable Architectural Design Guidelines approved by the Town of BRADFORD / WEST GWILLIMBURY.

JOHN G. WILLIAMS LTD., ARCHITECT
ARCHITECTURAL CONTROL REVIEW AND APPROVAL
APPROVED BY:
DATE: MAR 03, 2022
This stamp certifies compliance with the applicable Design Guidelines only and bears no further professional responsibility.

REFER TO FRONT ELEVATION FOR TYPICAL NOTES & INFORMATION



REAR ELEVATION 'A'/'B'/'C'

S38-20

BAYVIEW WELLINGTON

project name: GREEN VALLEY ESTATES
municipality: BRADFORD EAST, ON.
project no. 16023
drawing no. 38
date: SEPT. 2021
drawn by: NC
checked by: JWM
scale: 3/16" = 1'-0"
file name: 16023-S38-20
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VA3 DESIGN
255 Consumers Rd Suite 120
Toronto ON M2J 1R4
t 416.630.2255 f 416.630.4782
va3design.com

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
registration information: VA3 Design Inc.
signature
name: JWB
BCIN: 25591
42658

Contractor must verify all dimensions on the job and report any discrepancy to the Designer before proceeding with the work. All design and shop drawings are the 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.

no.	description	date	by
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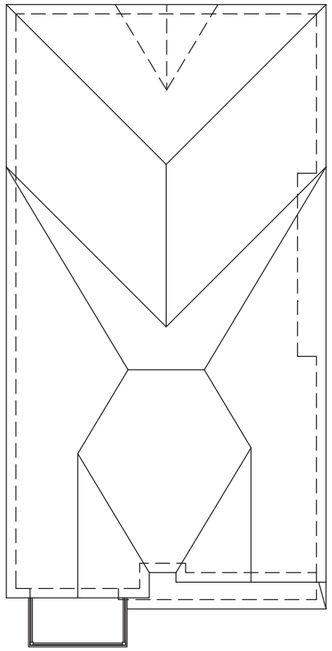
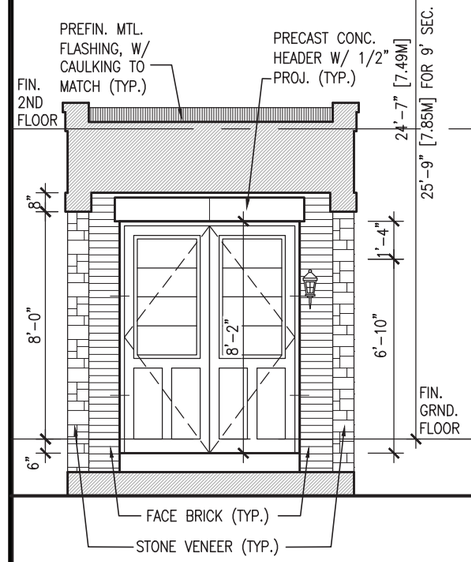
3	REVISED AS PER ENG COMMENTS	MAR 01-22	RC
2	REVISED AS PER FLOOR / ROOF LAYOUTS	FEB 24-22	RC
1	ISSUED FOR CLIENT REVIEW	NOV 26-21	VA3

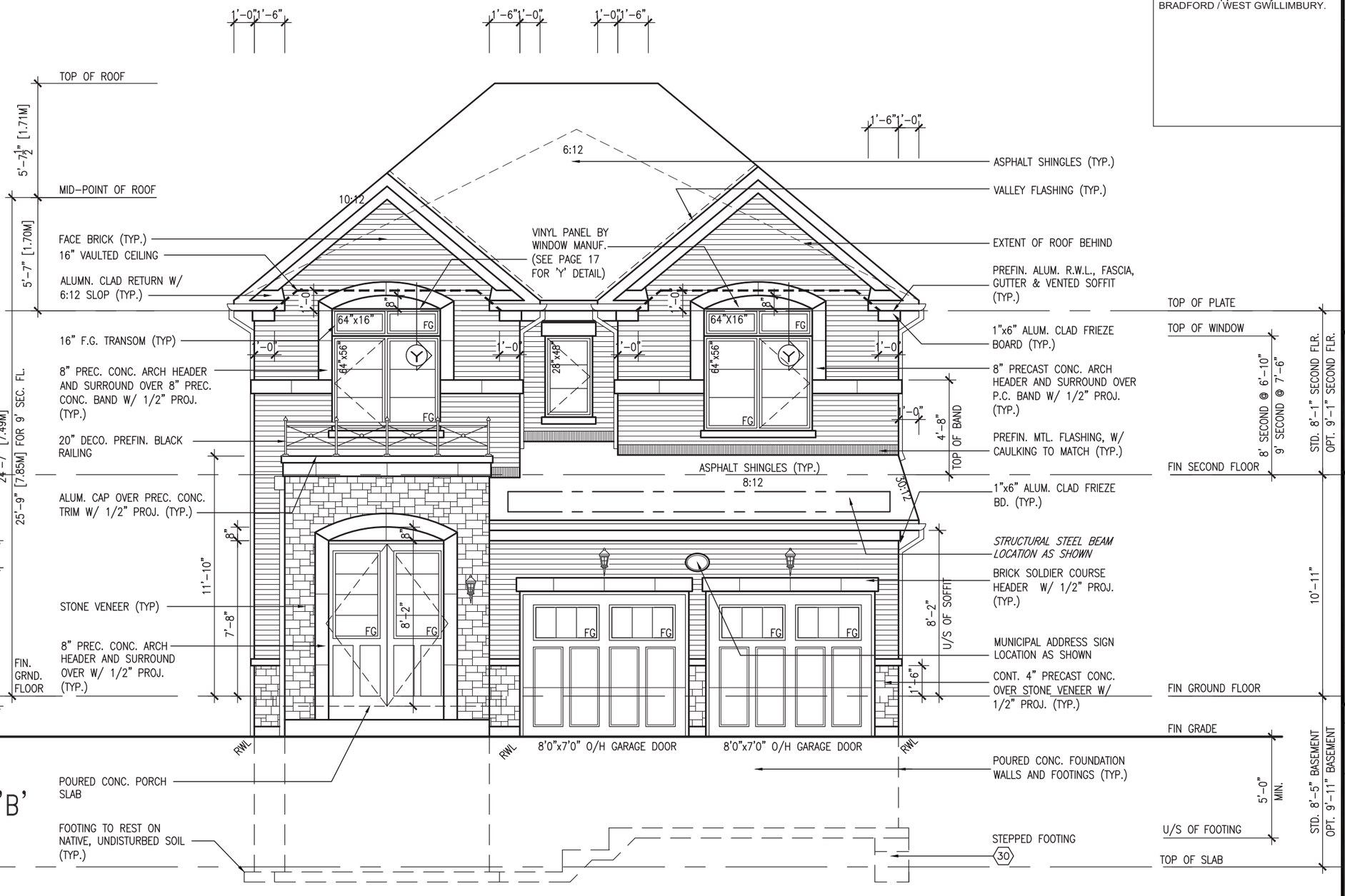


ROOF PLAN 'B'

10' GROUND



PORTICO ELEVATION 'B'



FRONT ELEVATION 'B'

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This is to certify that these plans comply with the applicable Architectural Design Guidelines approved by the Town of BRADFORD / WEST GWILLIMBURY.

LICENSED PROFESSIONAL ENGINEER
S. J. BOYD
90214198
PROVINCE OF ONTARIO

MAR 1, 2022

BAYVIEW WELLINGTON

S38-20 -

project no. 16023

project name: GREEN VALLEY ESTATES
municipality: BRADFORD EAST, ON.

FRONT ELEVATION 'B'

drawing no. 39

date: SEPT. 2021
drawn by: NC
checked by: JWM
scale: 3/16" = 1'-0"
file name: 16023-S38-20

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VA3 DESIGN
255 Consumers Rd Suite 120
Toronto ON M2J 1R4
t 416.630.2255 f 416.630.4782
va3design.com

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 — signature
registration information: name VA3 Design Inc. — BCIN 42658 — 25591

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

no.	description	date	by
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3	REVISED AS PER ENG COMMENTS	MAR 01-22	RC
2	REVISED AS PER FLOOR / ROOF LAYOUTS	FEB 24-22	RC
1	ISSUED FOR CLIENT REVIEW	NOV 26-21	VA3

10' GROUND

LICENSED PROFESSIONAL ENGINEER
S. J. BOYD
90214198
PROVINCE OF ONTARIO
MAR 1, 2022

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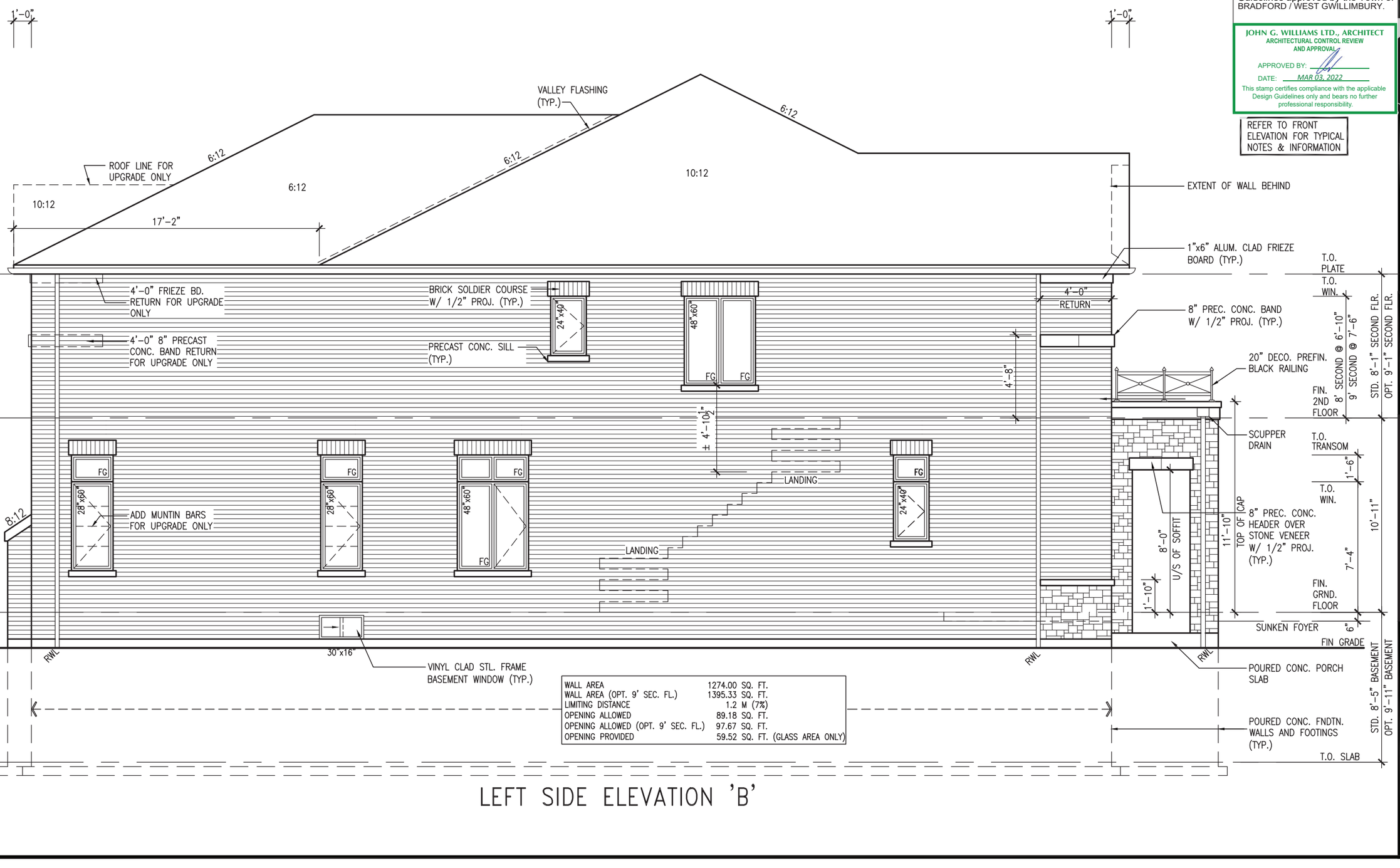
JOHN G. WILLIAMS LTD., ARCHITECT
ARCHITECTURAL CONTROL REVIEW AND APPROVAL
APPROVED BY:
DATE: MAR 03, 2022
This stamp certifies compliance with the applicable Design Guidelines only and bears no further professional responsibility.

REFER TO FRONT ELEVATION FOR TYPICAL NOTES & INFORMATION



WALL AREA	1274.00 SQ. FT.
WALL AREA (OPT. 9' SEC. FL.)	1395.33 SQ. FT.
LIMITING DISTANCE	1.2 M (7%)
OPENING ALLOWED	89.18 SQ. FT.
OPENING ALLOWED (OPT. 9' SEC. FL.)	97.67 SQ. FT.
OPENING PROVIDED	59.52 SQ. FT. (GLASS AREA ONLY)

LEFT SIDE ELEVATION 'B'

BAYVIEW WELLINGTON — S38-20 -

project name: GREEN VALLEY ESTATES — municipality: BRADFORD EAST, ON.

project no. 16023

drawing no. 40

LEFT SIDE ELEVATION 'B'

date: SEPT. 2021 — drawn by: NC — checked by: JWM — scale: 3/16" = 1'-0" — file name: 16023-S38-20

VA3 DESIGN
255 Consumers Rd Suite 120
Toronto ON M2J 1R4
t 416.630.2255 f 416.630.4782
va3design.com

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 — BCIN

registration information: VA3 Design Inc. — 42658

Signature

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

no.	description	date	by
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3	REVISED AS PER ENG COMMENTS	MAR 01-22	RC
2	REVISED AS PER FLOOR / ROOF LAYOUTS	FEB 24-22	RC
1	ISSUED FOR CLIENT REVIEW	NOV 26-21	VA3

BRICK VENEER CONSTRUCTION

(FOR WALLS LESS THAN 1.2M (3'–11") FROM THE LOT LINE)
45 MINUTE FIRE RATED WALL

PROVIDE A CONTINUOUS LAYER OF 12.7mm (1/2") TYPE 'X' GYPSUM BOARD (INTERIOR SIDE) INSTALLED SO THAT ALL EDGES ARE SUPPORTED, TAPED AND FILLED. SPACE BETWEEN WOOD STUDS TO BE FILLED WITH INSULATION CONFORMING TO CAN/ULC–S702, "MINERAL FIBRE THERMAL INSULATION FOR BUILDINGS" WITH A MASS OF NOT LESS THAN 1.22 Kg/SQ.M. AND MUST FILL AT LEAST 90% OF THE CAVITY THICKNESS. THE TYPE 'X' & INSULATION MUST BE RUN CONTINUOUSLY BEHIND ALL INTERSECTING PARTITIONS, MECHANICAL CHASES, BATHTUBS, SHOWERS, ETC. ENSURE INSULATION & TYPE 'X' IS INSTALLED IN GARAGE EXTERIOR WALLS.
(REFER TO SECTION SB–2 OF OBC 2012–SUPPLEMENTARY STANDARDS)

LICENSED PROFESSIONAL ENGINEER
S. J. BOYD
90214198
PROVINCE OF ONTARIO
MAR 1, 2022

10' GROUND

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This is to certify that these plans comply with the applicable Architectural Design Guidelines approved by the Town of BRADFORD / WEST GWILLIMBURY.

JOHN G. WILLIAMS LTD., ARCHITECT
ARCHITECTURAL CONTROL REVIEW AND APPROVAL
APPROVED BY:
DATE: MAR 03, 2022
This stamp certifies compliance with the applicable Design Guidelines only and bears no further professional responsibility.

REFER TO FRONT ELEVATION FOR TYPICAL NOTES & INFORMATION

1'–0" 1'–0" 6:12 6:12 6:12 10:12 6:12 10:12
EXTENT OF WALL BEHIND
1"x6" ALUM. CLAD FRIEZE BOARD (TYP.)
8" PREC. CONC. BAND W/ 1/2" PROJ. (TYP.)
4'–0" RETURN
ALUM. CAP OVER PREC. CONC. TRIM W/ 1/2" PROJ. (TYP.)
1'–0" 4'–8"
PREFIN. MTL. FLASHING, W/ CAULKING TO MATCH BRICK COLOUR (TYP.)
FACE BRICK (TYP.)
DASHED LINES INDICATES WINDOW LOCATION FOR OPT. SECOND FLR. 5 BR PLAN
48"x48" 48"x48" FG 48"x48" 24"x40" FG
ROOF LINE FOR UPGRADE ONLY
17'–2"
4'–0" FRIEZE BD. RETURN FOR UPGRADE ONLY
4'–0" 8" PRECAST CONC. BAND RETURN FOR UPGRADE ONLY
T.O. PLATE
T.O. WIN.
FIN. 2ND. FLOOR
9' SECOND @ 8'–10" SECOND @ 7'–6"
STD. 8'–1" SECOND FLR. OPT. 9'–1" SECOND FLR.
T.O. TRANSOM
1'–6"
T.O. WIN.
7'–4"
4'–0"
FIN. GRND. FLOOR
10'–11"
8:12 30:12 8:12
1'–0" 3'–10" RETURN
1"x6" ALUM. CLAD FRIEZE BOARD (TYP.)
CONT. 4" PREC. CONC. OVER STONE VENEER W/ 1/2" PROJ. (TYP.)
BRICK SOLDIER COURSE W/ 1/2" PROJ. (TYP.)
48"x60" FG FG 48"x60" FG FG
PRECAST CONC. SILL (TYP.)
11'–10" TOP OF CAP 8'–0" U/S OF SOFFIT
8'–2" U/S OF SOFFIT
FIN GRADE
POURED CONC. PORCH SLAB
POURED CONCRETE FNDTN. WALLS AND FOOTINGS (TYP.)
RWL 5'–0" MIN.
U/S OF FOOTING
STEPPED FOOTING AS REQ'D (TYP.) 30
30"x16"
VINYL CLAD STL. FRAME BASEMENT WINDOW (TYP.)
RWL
FIN GRADE
STD. 8'–5" BASEMENT OPT. 9'–11" BASEMENT
T.O. SLAB

WALL AREA	1267.81 SQ. FT.
WALL AREA (2F OPT. 9')	1326.81 SQ. FT.
LIMITING DISTANCE	1.2 M (7%)
OPENING ALLOWED	88.75 SQ. FT.
OPENING ALLOWED (OPT. 9' SEC. FL.)	92.87 SQ. FT.
OPENING PROVIDED	STD. 2ND 47.76 SQ. FT. (GLASS AREA ONLY)
	OPT. 2ND 53.84 SQ. FT. (GLASS AREA ONLY)

HEADER/RIM JOIST LEVEL

(FOR WALLS LESS THAN 1.2M (3'–11") FROM THE LOT LINE)45 MINUTE FIRE RATING @ HEADER

PROVIDE 15.9mm (5/8") TYPE 'X' GYPSUM BOARD BETWEEN FLOOR JOIST AT THE HEADER OR CONTINUOUSLY ALONG THE RIM JOIST WHEN FLOOR JOISTS ARE PARALLEL TO RIM JOIST TO MAINTAIN 45 MINUTE FIRE RATING.

RIGHT SIDE ELEVATION 'B'

S38–20 -
project no. 16023
drawing no. 41
municipality BRADFORD EAST, ON.
project name GREEN VALLEY ESTATES
BAYVIEW WELLINGTON
RIGHT SIDE ELEVATION 'B'
date SEPT. 2021
drawn by NC
checked by JWM
scale 3/16" = 1'–0"
file name 16023–S38–20

VA3 DESIGN
255 Consumers Rd Suite 120
Toronto ON M2J 1R4
t 416.630.2255 f 416.630.4782
va3design.com

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 — signature
registration information VA3 Design Inc. — name
BCIN 25591 42658

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

no.	description	date	by
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7	-	-	-
6	-	-	-
5	-	-	-
4	-	-	-
3	REVISED AS PER ENG COMMENTS	MAR 01–22	RC
2	REVISED AS PER FLOOR / ROOF LAYOUTS	FEB 24–22	RC
1	ISSUED FOR CLIENT REVIEW	NOV 26–21	VA3

It is the builder's complete responsibility to ensure that all plans submitted for approval fully comply with the Architectural Guidelines and all applicable regulations and requirements including zoning provisions and any provisions in the subdivision agreement. The Control Architect is not responsible in any way for examining or approving site (lotting) plans or working drawings with respect to any zoning or building code or permit matter or that any house can be properly built or located on its lot.

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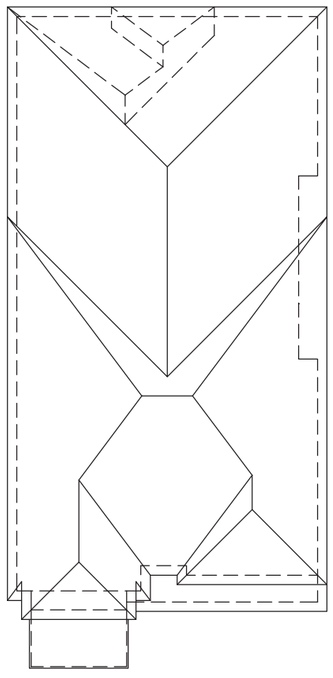
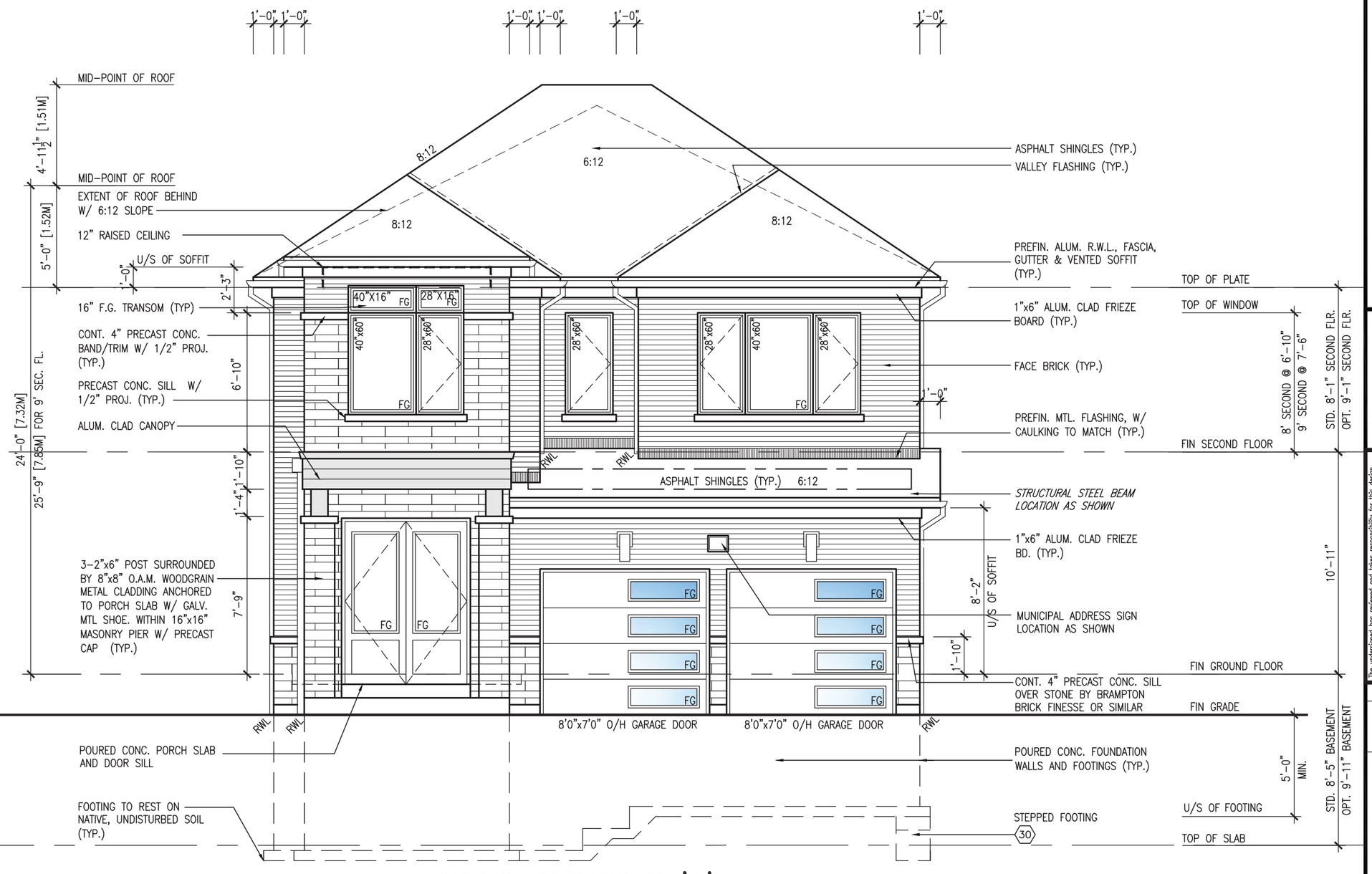
JOHN G. WILLIAMS LTD., ARCHITECT
ARCHITECTURAL CONTROL REVIEW AND APPROVAL
APPROVED BY:
DATE: MAR 03, 2022
This stamp certifies compliance with the applicable Design Guidelines only and bears no further professional responsibility.

10' GROUND

LICENSED PROFESSIONAL ENGINEER
S. J. BOYD
90214198
PROVINCE OF ONTARIO
MAR 1, 2022



ROOF PLAN 'C'



FRONT ELEVATION 'C'

BAYVIEW WELLINGTON
S38-20
-

project name: GREEN VALLEY ESTATES
municipality: BRADFORD EAST, ON.
project no. 16023
drawing no. 42
date: SEPT. 2021
drawn by: NC
checked by: JWM
scale: 3/16" = 1'-0"
file name: 16023-S38-20
FRONT ELEVATION 'C'

VA3 DESIGN
255 Consumers Rd Suite 120
Toronto ON M2J 1R4
t 416.630.2255 f 416.630.4782
va3design.com

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
registration information: VA3 Design Inc.
signature
BCIN: 25591
BCIN: 42658

Contractor must verify all dimensions on the job and report any discrepancy to the designer before proceeding with the work. All drawings, specifications and designs 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.

no.	description	date	by
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4	.	.	.
3	REVISED AS PER ENG COMMENTS	MAR 01-22	RC
2	REVISED AS PER FLOOR / ROOF LAYOUTS	FEB 24-22	RC
1	ISSUED FOR CLIENT REVIEW	NOV 26-21	VA3

10' GROUND

S. J. BOYD
90214198
LICENSED PROFESSIONAL ENGINEER
PROVINCE OF ONTARIO
MAR 1, 2022

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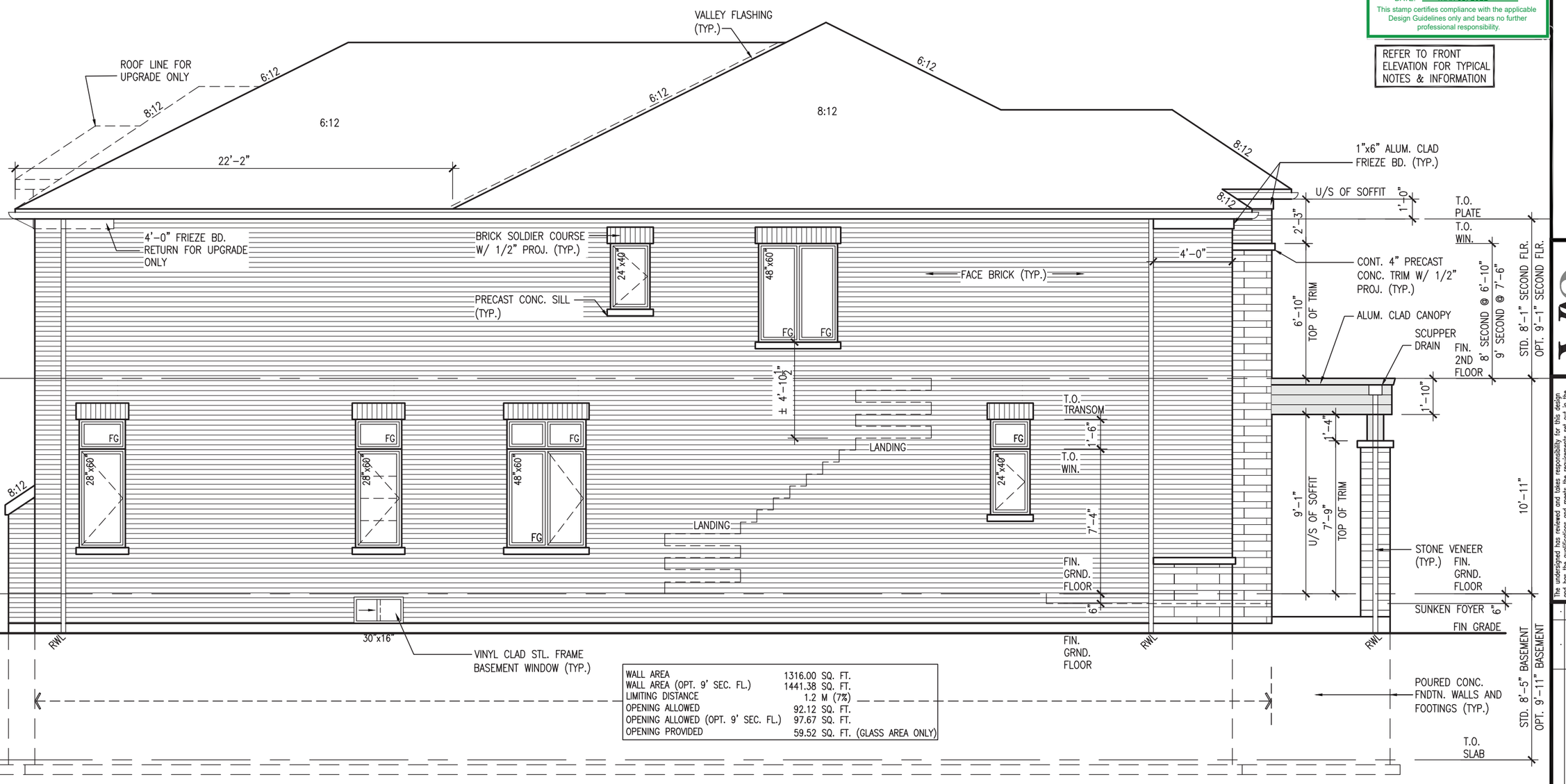
JOHN G. WILLIAMS LTD., ARCHITECT
ARCHITECTURAL CONTROL REVIEW AND APPROVAL
APPROVED BY:
DATE: MAR 03, 2022
This stamp certifies compliance with the applicable Design Guidelines only and bears no further professional responsibility.

REFER TO FRONT ELEVATION FOR TYPICAL NOTES & INFORMATION



WALL AREA	1316.00 SQ. FT.
WALL AREA (OPT. 9' SEC. FL.)	1441.38 SQ. FT.
LIMITING DISTANCE	1.2 M (7%)
OPENING ALLOWED	92.12 SQ. FT.
OPENING ALLOWED (OPT. 9' SEC. FL.)	97.67 SQ. FT.
OPENING PROVIDED	59.52 SQ. FT. (GLASS AREA ONLY)

LEFT SIDE ELEVATION 'C'

S38-20 -

project no. 16023
drawing no. 43

BAYVIEW WELLINGTON
municipality BRADFORD EAST, ON.
project name GREEN VALLEY ESTATES
LEFT SIDE ELEVATION 'C'
date SEPT. 2021
drawn by NC
checked by JWM
scale 3/16" = 1'-0"
file name 16023-S38-20

VA3 DESIGN
255 Consumers Rd Suite 120
Toronto ON M2J 1R4
t 416.630.2255 f 416.630.4782
va3design.com

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 BCIN
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 architectural 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.

no.	description	date	by
3	REVISED AS PER ENG COMMENTS	MAR 01-22	RC
2	REVISED AS PER FLOOR / ROOF LAYOUTS	FEB 24-22	RC
1	ISSUED FOR CLIENT REVIEW	NOV 26-21	VA3
9	.	.	.
8	.	.	.
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BRICK VENEER CONSTRUCTION

(FOR WALLS LESS THAN 1.2M (3'–11") FROM THE LOT LINE)
45 MINUTE FIRE RATED WALL

PROVIDE A CONTINUOUS LAYER OF 12.7mm (1/2") TYPE 'X' GYPSUM BOARD (INTERIOR SIDE) INSTALLED SO THAT ALL EDGES ARE SUPPORTED, TAPED AND FILLED. SPACE BETWEEN WOOD STUDS TO BE FILLED WITH INSULATION CONFORMING TO CAN/ULC–S702, "MINERAL FIBRE THERMAL INSULATION FOR BUILDINGS" WITH A MASS OF NOT LESS THAN 1.22 Kg/SQ.M. AND MUST FILL AT LEAST 90% OF THE CAVITY THICKNESS. THE TYPE 'X' & INSULATION MUST BE RUN CONTINUOUSLY BEHIND ALL INTERSECTING PARTITIONS, MECHANICAL CHASES, BATHTUBS, SHOWERS, ETC. ENSURE INSULATION & TYPE 'X' IS INSTALLED IN GARAGE EXTERIOR WALLS.

(REFER TO SECTION SB–2 OF OBC 2012–SUPPLEMENTARY STANDARDS)

LICENSED PROFESSIONAL ENGINEER
S.J. BOYD
90214198
PROVINCE OF ONTARIO
MAR 1, 2022

10' GROUND

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This is to certify that these plans comply with the applicable Architectural Design Guidelines approved by the Town of BRADFORD / WEST GWILLIMBURY.

JOHN G. WILLIAMS LTD., ARCHITECT
ARCHITECTURAL CONTROL REVIEW AND APPROVAL
APPROVED BY:
DATE: MAR 03, 2022
This stamp certifies compliance with the applicable Design Guidelines only and bears no further professional responsibility.

REFER TO FRONT ELEVATION FOR TYPICAL NOTES & INFORMATION

1'–0" 1'–0"
1'–0"
EXTENT OF ROOF BEHIND
8:12 8:12 8:12 6:12 6:12 6:12 6:12 8:12 8:12
1'–0" U/S OF SOFFIT
1"x6" ALUM. CLAD FRIEZE BD. (TYP.)
PREFIN. MTL. FLASHING, W/ CAULKING TO MATCH BRICK COLOR (TYP.)
ALUM. CLAD CANOPY
4'–1" RETURN
6'–10" TOP OF TRIM
1'–0"
6:12
6:12
3'–10" RETURN
10'–11" TOP OF CAP
1'–4" 7'–9" TOP OF CAP
9'–1" U/S OF SOFFIT
8'–2" U/S OF SOFFIT
10"
FACE BRICK (TYP.)
DASHED LINES INDICATES WINDOW LOCATION FOR OPT. SECOND FLR. 5 BR PLAN
22'–2"
ROOF LINE FOR UPGRADE ONLY
4'–0" FRIEZE BD. RETURN FOR UPGRADE ONLY
48"x48" 48"x48" FG
48"x48" 24"x40"
48"x18" FG 48"x60" FG
48"x18" FG 48"x60" FG
BRICK SOLDIER COURSE W/ 1/2" PROJ. (TYP.)
PRECAST CONC. SILL (TYP.)
30"x16"
VINYL CLAD STL. FRAME BASEMENT WINDOW (TYP.)
T.O. PLATE
T.O. WIN.
FIN. 2ND. FLOOR
9' SECOND @ 8'–10"
9' SECOND @ 7'–6"
STD. 8'–1" SECOND FLR.
OPT. 9'–1" SECOND FLR.
T.O. TRANSOM
1'–6"
T.O. WIN.
7'–4"
4'–0"
FIN. GRND. FLOOR
8:12
10'–11"
FIN GRADE
RWL
5'–0" MIN.
stone plinth return
POURED CONC PORCH SLAB (TYP.)
POURED CONCRETE FNDTN. WALLS AND FOOTINGS (TYP.)
STEPPED FOOTING AS REQ'D (TYP.) 30
U/S OF FOOTING
STD. 8'–5" BASEMENT
OPT. 9'–11" BASEMENT
T.O. SLAB

WALL AREA	1267.81 SQ. FT.
WALL AREA (OPT. 9' SEC. FL.)	1326.81 SQ. FT.
LIMITING DISTANCE	1.2 M (7%)
OPENING ALLOWED	84.74 SQ. FT.
OPENING ALLOWED (OPT. 9' SEC. FL.)	92.87 SQ. FT.
OPENING PROVIDED	STD. 2ND 47.76 SQ. FT. (GLASS AREA ONLY)
	OPT. 2ND 53.84 SQ. FT. (GLASS AREA ONLY)

HEADER/RIM JOIST LEVEL

(FOR WALLS LESS THAN 1.2M (3'–11") FROM THE LOT LINE)45 MINUTE FIRE RATING @ HEADER

PROVIDE 15.9mm (5/8") TYPE 'X' GYPSUM BOARD BETWEEN FLOOR JOIST AT THE HEADER OR CONTINUOUSLY ALONG THE RIM JOIST WHEN FLOOR JOISTS ARE PARALLEL TO RIM JOIST TO MAINTAIN 45 MINUTE FIRE RATING.

RIGHT SIDE ELEVATION 'C'

S38–20 -

project no. 16023

drawing no. 44

BAYVIEW WELLINGTON

project name GREEN VALLEY ESTATES
municipality BRADFORD EAST, ON.
RIGHT SIDE ELEVATION 'C'

date SEPT. 2021
drawn by NC
checked by JWM
scale 3/16" = 1'–0"
file name 16023-S38-20

VA3 DESIGN
255 Consumers Rd Suite 120
Toronto ON M2J 1R4
t 416.630.2255 f 416.630.4782
va3design.com

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
registration information VA3 Design Inc. 42658
signature
BCIN

Contractor must verify all dimensions on the job and report any discrepancy to the designer before proceeding with the work. All design and shop drawing submissions must be reviewed and stamped by the designer of the Designer which must be returned at the completion of the work. Drawings are not to be scaled.

no.	description	date	by
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3	REVISED AS PER ENG COMMENTS	MAR 01–22	RC
2	REVISED AS PER FLOOR / ROOF LAYOUTS	FEB 24–22	RC
1	ISSUED FOR CLIENT REVIEW	NOV 26–21	VA3

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JOHN G. WILLIAMS LTD., ARCHITECT
ARCHITECTURAL CONTROL REVIEW AND APPROVAL
APPROVED BY:
DATE: MAR 03, 2022
This stamp certifies compliance with the applicable Design Guidelines only and bears no further professional responsibility.

REFER TO FRONT ELEVATION FOR TYPICAL NOTES & INFORMATION

10' GROUND

LICENSED PROFESSIONAL ENGINEER
S. J. BOYD
90214198
PROVINCE OF ONTARIO
MAR 1, 2022

BASEMENT WINDOW SIZES
4R-8R USE 30"x24" VINYL CLAD STRUCTURAL STEEL FRAME BASEMENT WINDOWS

REAR ELEVATION 'A'/'B'/'C' -W.O.D. CONDITION

BAYVIEW WELLINGTON

project name: GREEN VALLEY ESTATES
municipality: BRADFORD EAST, ON.
S38-20 -
project no. 16023
drawing no. 45
date: SEPT. 2021
drawn by: NC
checked by: JWM
scale: 3/16" = 1'-0"
file name: 16023-S38-20
REAR ELEV. 'A'/'B'/'C'-W.O.D. -COND.
RICHARD - H:\ARCHIVE\WORKING\2016\16023.BW\Units\38\16023-S38-20.dwg - Tue - Mar 1 2022 - 2:39 PM

VA3 DESIGN
255 Consumers Rd Suite 120
Toronto ON M2J 1R4
t 416.630.2255 f 416.630.4782
va3design.com

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qualification information: Wellington Jno-Baptiste 25591 BCIN
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.

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3	REVISED AS PER ENG COMMENTS	MAR 01-22	RC
2	REVISED AS PER FLOOR / ROOF LAYOUTS	FEB 24-22	RC
1	ISSUED FOR CLIENT REVIEW	NOV 26-21	VA3

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JOHN G. WILLIAMS LTD., ARCHITECT
ARCHITECTURAL CONTROL REVIEW AND APPROVAL
APPROVED BY:
DATE: MAR 03, 2022
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REFER TO FRONT ELEVATION FOR TYPICAL NOTES & INFORMATION

10' GROUND

S.J. BOYD 90214198 LICENSED PROFESSIONAL ENGINEER PROVINCE OF ONTARIO
MAR 1, 2022

REAR ELEVATION 'A'/'B'/'C' -W.O.B. CONDITION

BAYVIEW WELLINGTON
S38-20 -
project no. 16023
project name GREEN VALLEY ESTATES
municipality BRADFORD EAST, ON.
REAR ELEV. 'A'/'B'/'C' -W.O.B. COND.
drawing no. 46
date SEPT. 2021
drawn by NC
checked by JWM
scale 3/16" = 1'-0"
file name 16023-S38-20

VA3 DESIGN
255 Consumers Rd Suite 120
Toronto ON M2J 1R4
t 416.630.2255 f 416.630.4782
va3design.com

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
registration information
VA3 Design Inc.
signature
25591
BCIN
42658

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

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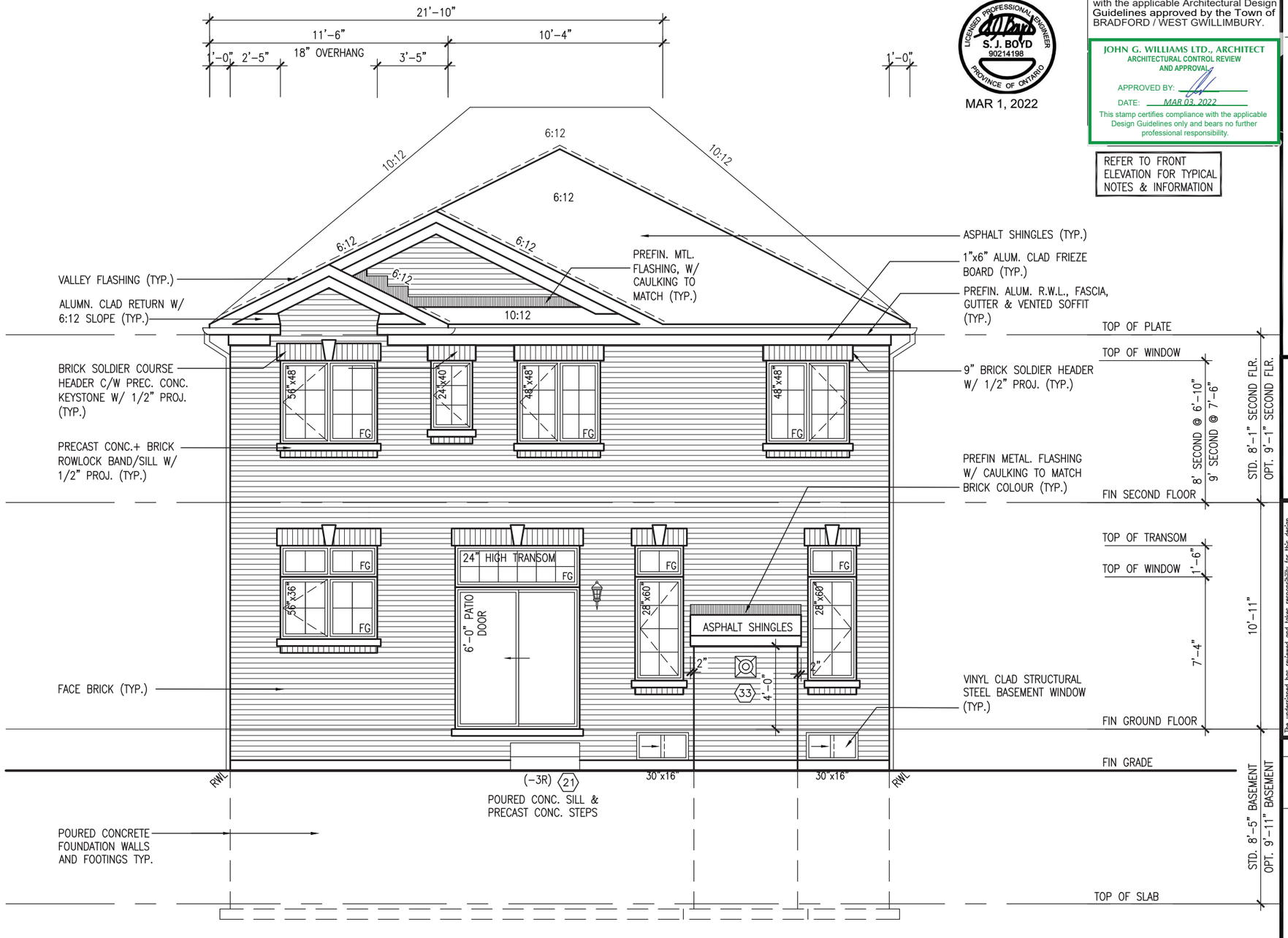
3	REVISED AS PER ENG COMMENTS	MAR 01-22	RC
2	REVISED AS PER FLOOR / ROOF LAYOUTS	FEB 24-22	RC
1	ISSUED FOR CLIENT REVIEW	NOV 26-21	VA3

10' GROUND



UPGRADED REAR ELEVATION 'A'

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LICENSED PROFESSIONAL ENGINEER
S. J. BOYD
90214198
PROVINCE OF ONTARIO
MAR 1, 2022

JOHN G. WILLIAMS LTD., ARCHITECT
ARCHITECTURAL CONTROL REVIEW AND APPROVAL
APPROVED BY:
DATE: MAR 03, 2022
This stamp certifies compliance with the applicable Design Guidelines only and bears no further professional responsibility.

REFER TO FRONT ELEVATION FOR TYPICAL NOTES & INFORMATION

BAYVIEW WELLINGTON — S38-20 -

project name: GREEN VALLEY ESTATES
municipality: BRADFORD EAST, ON.
project no. 16023
drawing no. 47
UPGRADED REAR ELEVATION 'A'
date: SEPT. 2021
drawn by: NC
checked by: JWM
scale: 3/16" = 1'-0"
file name: 16023-S38-20

VA3 DESIGN
255 Consumers Rd Suite 120
Toronto ON M2J 1R4
t 416.630.2255 f 416.630.4782
va3design.com

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
registration information: VA3 Design Inc.
signature: [signature]
name: BCIN
25591
42658

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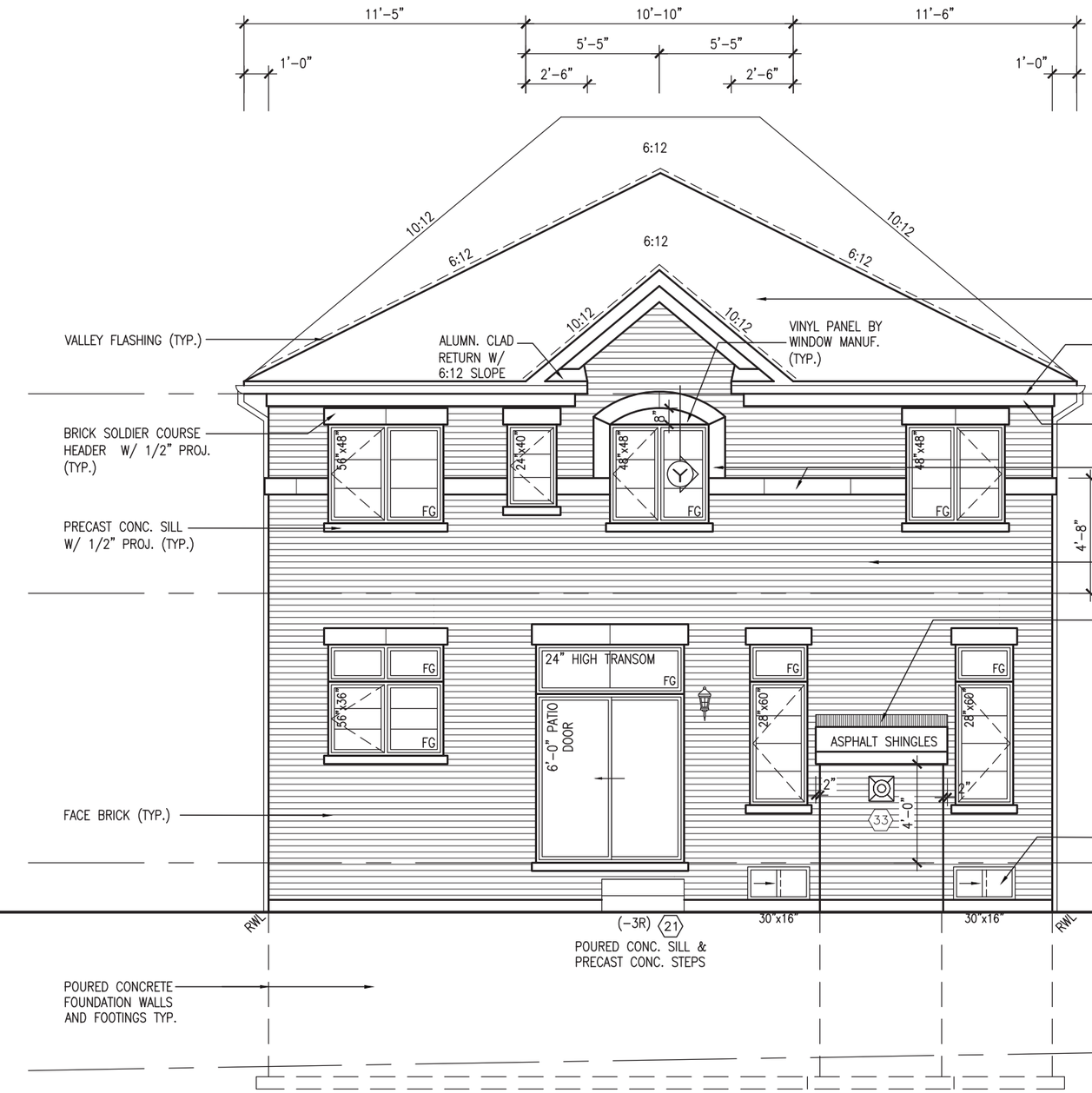
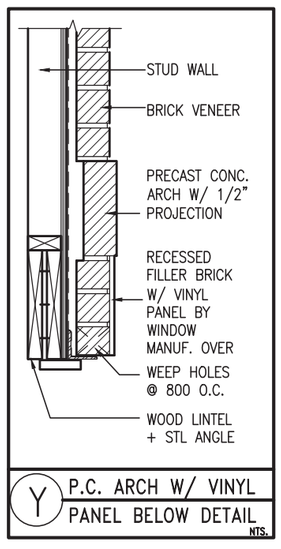
3	REVISED AS PER ENG COMMENTS	MAR 01-22	RC
2	REVISED AS PER FLOOR / ROOF LAYOUTS	FEB 24-22	RC
1	ISSUED FOR CLIENT REVIEW	NOV 26-21	VA3

10' GROUND





Y P.C. ARCH W/ VINYL PANEL BELOW DETAIL NTS.

UPGRADED REAR ELEVATION 'B'

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LICENSED PROFESSIONAL ENGINEER
S. J. BOYD
90214198
PROVINCE OF ONTARIO
MAR 1, 2022

JOHN G. WILLIAMS LTD., ARCHITECT
ARCHITECTURAL CONTROL REVIEW AND APPROVAL
APPROVED BY:
DATE: MAR 03, 2022
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REFER TO FRONT ELEVATION FOR TYPICAL NOTES & INFORMATION

BAYVIEW WELLINGTON — S38-20 -

project name: GREEN VALLEY ESTATES — municipality: BRADFORD EAST, ON. — project no. 16023

UPGRADED REAR ELEVATION 'B'

date: SEPT. 2021 — drawn by: NC — checked by: JWM — scale: 3/16" = 1'-0" — file name: 16023-S38-20 — drawing no. 48

VA3 DESIGN
255 Consumers Rd Suite 120
Toronto ON M2J 1R4
t 416.630.2255 f 416.630.4782
va3design.com

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
registration information: VA3 Design Inc.
signature
BCIN: 25591
42658

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

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3	REVISED AS PER ENG COMMENTS	MAR 01-22	RC
2	REVISED AS PER FLOOR / ROOF LAYOUTS	FEB 24-22	RC
1	ISSUED FOR CLIENT REVIEW	NOV 26-21	VA3

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JOHN G. WILLIAMS LTD., ARCHITECT
ARCHITECTURAL CONTROL REVIEW AND APPROVAL
APPROVED BY:
DATE: MAR 03, 2022
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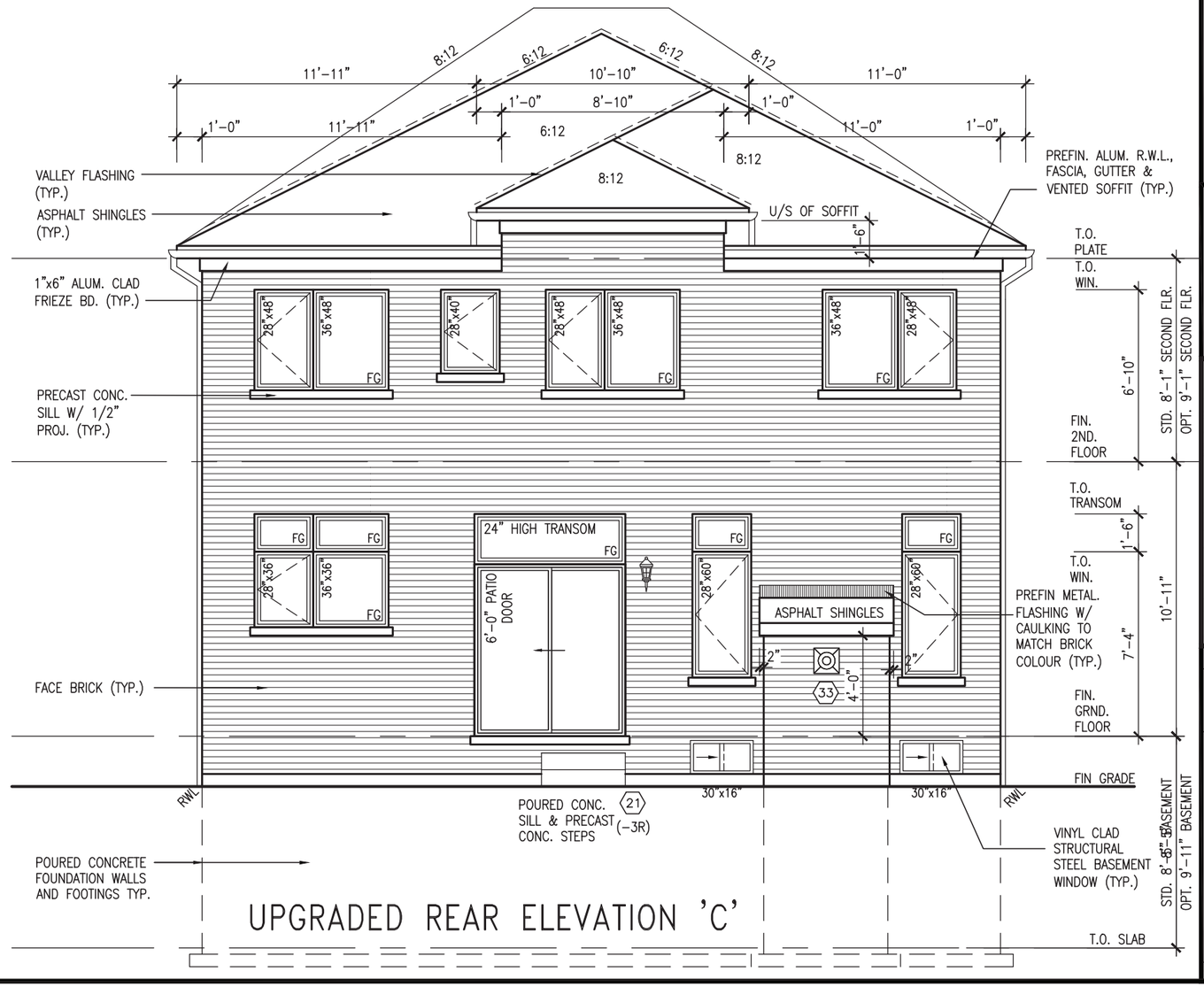
REFER TO FRONT ELEVATION FOR TYPICAL NOTES & INFORMATION

10' GROUND



UPGRADED REAR ELEVATION 'C'

LICENSED PROFESSIONAL ENGINEER
S. J. BOYD
90214198
PROVINCE OF ONTARIO
MAR 1, 2022

BAYVIEW WELLINGTON — S38-20 -

project name: GREEN VALLEY ESTATES — municipality: BRADFORD EAST, ON.

UPGRDED REAR ELEVATION 'C'

project no.	16023
drawing no.	49
date	SEPT. 2021
drawn by	NC
checked by	JWM
scale	3/16" = 1'-0"
file name	16023-S38-20

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VA3 DESIGN
255 Consumers Rd Suite 120
Toronto ON M2J 1R4
t 416.630.2255 f 416.630.4782
va3design.com

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
registration information: VA3 Design Inc. — BCIN 42658

Signature

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1	ISSUED FOR CLIENT REVIEW	NOV 26-21	VA3

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JOHN G. WILLIAMS LTD., ARCHITECT
ARCHITECTURAL CONTROL REVIEW AND APPROVAL
APPROVED BY:
DATE: MAR 03, 2022
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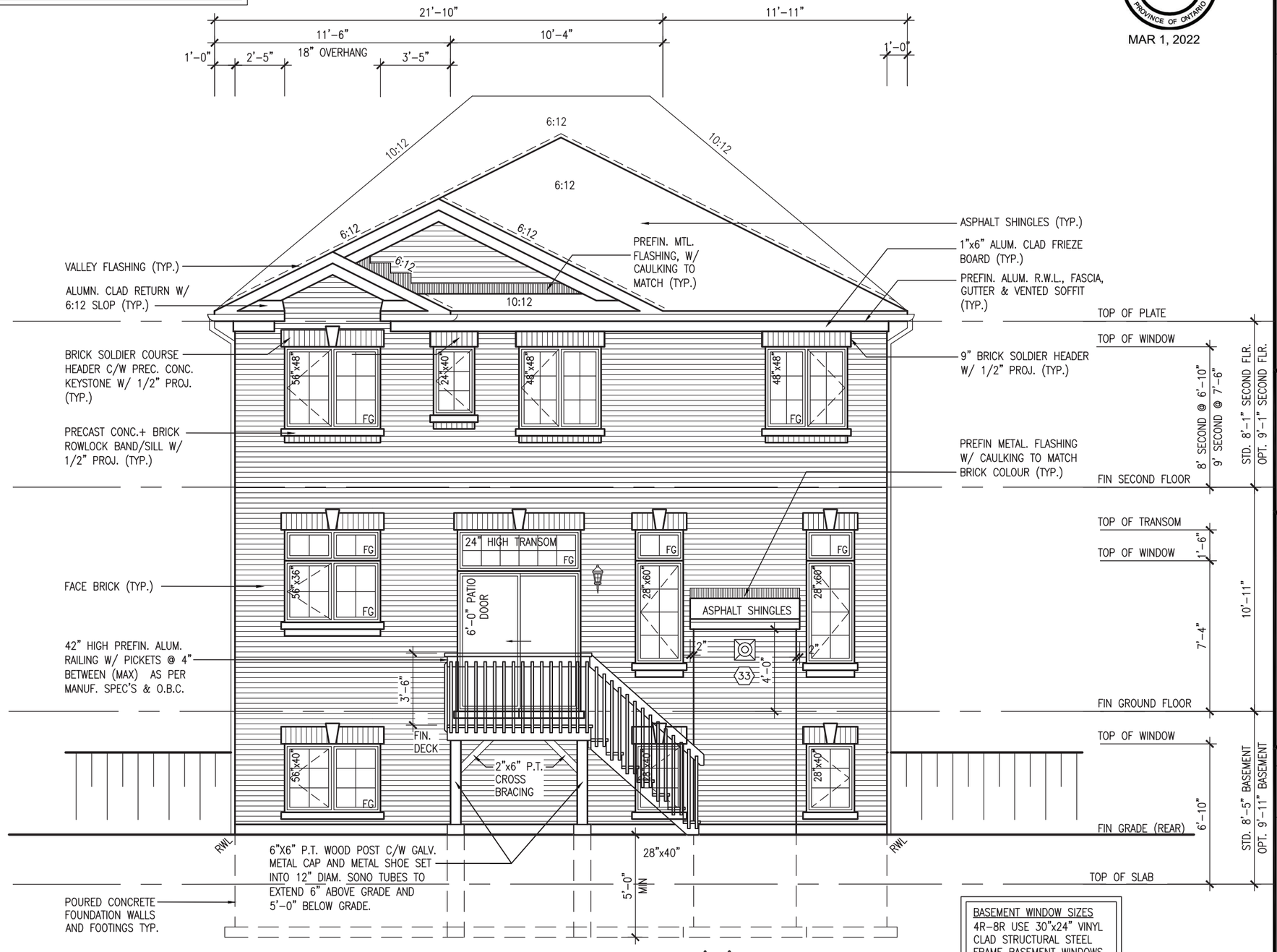
REFER TO FRONT ELEVATION FOR TYPICAL NOTES & INFORMATION

10' GROUND



BASEMENT WINDOW SIZES
4R-8R USE 30"x24" VINYL CLAD STRUCTURAL STEEL FRAME BASEMENT WINDOWS

UPGRADED REAR ELEVATION 'A' -W.O.D. 9R OR MORE COND.

LICENSED PROFESSIONAL ENGINEER
S. J. BOYD
90214198
PROVINCE OF ONTARIO
MAR 1, 2022

BAYVIEW WELLINGTON — S38-20 -

project name: GREEN VALLEY ESTATES — municipality: BRADFORD EAST, ON.

UPGRADED REAR ELEV. 'A' -W.O.D. COND.

date: SEPT. 2021 | drawn by: NC | checked by: JWM | scale: 3/16" = 1'-0"

project no. 16023 | drawing no. 50 | file name 16023-S38-20

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VA3 DESIGN
255 Consumers Rd Suite 120
Toronto ON M2J 1R4
t 416.630.2255 f 416.630.4782
va3design.com

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 — BCIN
registration information: VA3 Design Inc. — 42658
signature

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3	REVISED AS PER ENG COMMENTS	MAR 01-22	RC
2	REVISED AS PER FLOOR / ROOF LAYOUTS	FEB 24-22	RC
1	ISSUED FOR CLIENT REVIEW	NOV 26-21	VA3

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JOHN G. WILLIAMS LTD., ARCHITECT
ARCHITECTURAL CONTROL REVIEW AND APPROVAL
APPROVED BY:
DATE: MAR 03, 2022
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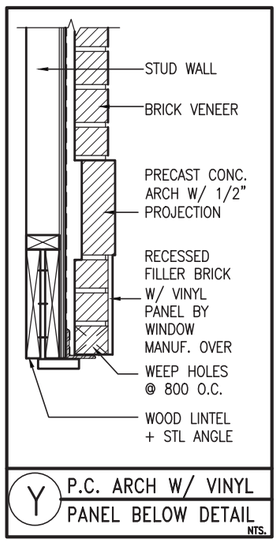
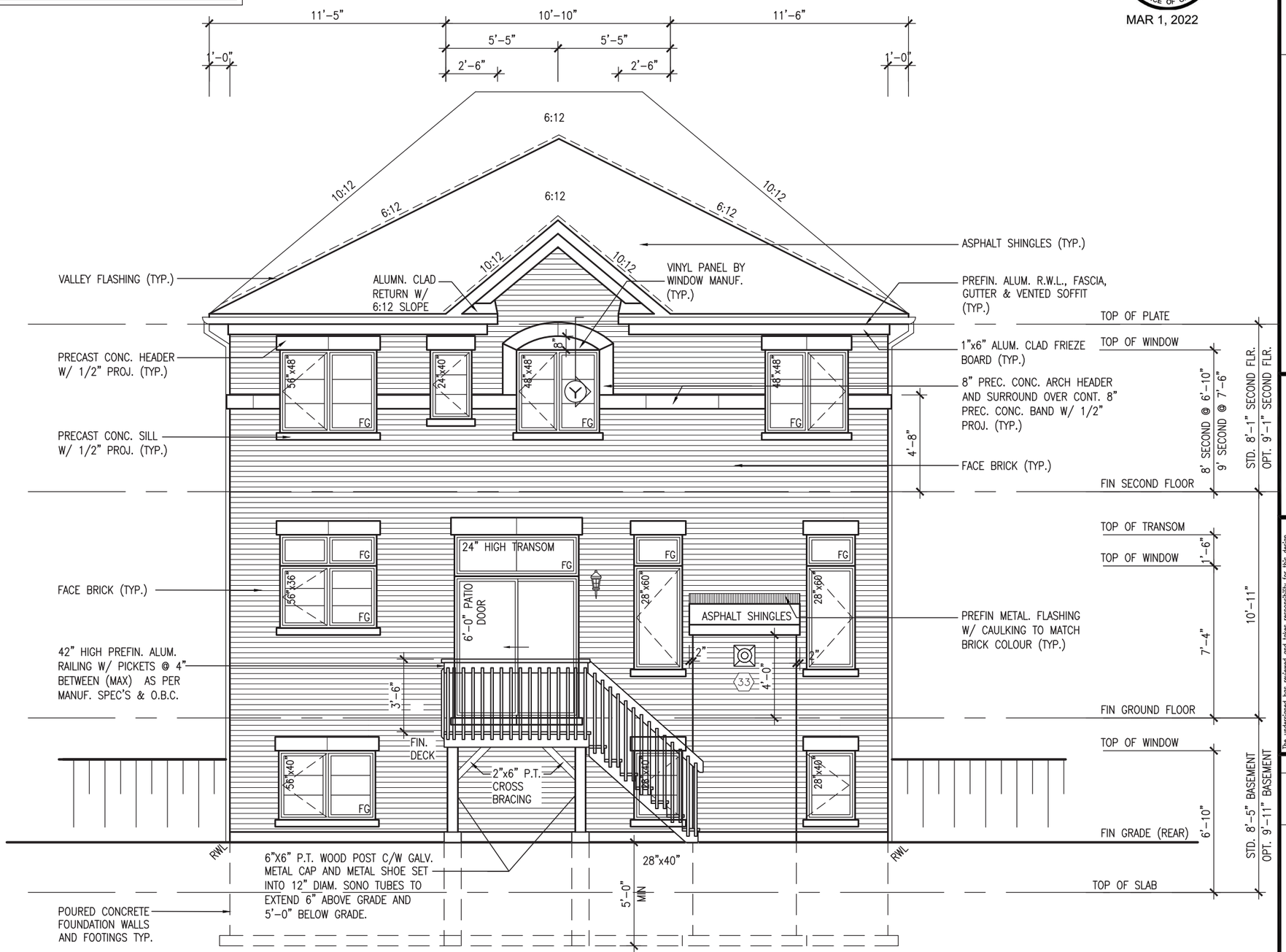
REFER TO FRONT ELEVATION FOR TYPICAL NOTES & INFORMATION

10' GROUND

LICENSED PROFESSIONAL ENGINEER
S. J. BOYD
90214198
PROVINCE OF ONTARIO
MAR 1, 2022



Y P.C. ARCH W/ VINYL PANEL BELOW DETAIL NTS.



UPGRADED REAR ELEVATION 'B' -W.O.D. 9R OR MORE COND.

S38-20 -

project no. 16023

BAYVIEW WELLINGTON

project name GREEN VALLEY ESTATES
municipality BRADFORD EAST, ON.

UPGRADED REAR ELEVATION 'B' -W.O.D. COND.

drawing no. 51

date SEPT. 2021
drawn by NC
checked by JWM
scale 3/16" = 1'-0"
file name 16023-S38-20

VA3 DESIGN
255 Consumers Rd Suite 120
Toronto ON M2J 1R4
t 416.630.2255 f 416.630.4782
va3design.com

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 BCIN
registration information VA3 Design Inc. 42658
signature

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1	ISSUED FOR CLIENT REVIEW	NOV 26-21	VA3

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JOHN G. WILLIAMS LTD., ARCHITECT
ARCHITECTURAL CONTROL REVIEW AND APPROVAL
APPROVED BY:
DATE: MAR 03, 2022
This stamp certifies compliance with the applicable Design Guidelines only and bears no further professional responsibility.

REFER TO FRONT ELEVATION FOR TYPICAL NOTES & INFORMATION

10' GROUND

LICENSED PROFESSIONAL ENGINEER
S.J. BOYD
90214198
PROVINCE OF ONTARIO
MAR 1, 2022

BASEMENT WINDOW SIZES
4R–8R USE 30"x24" VINYL CLAD STRUCTURAL STEEL FRAME BASEMENT WINDOWS

UPGRADED REAR ELEVATION 'C' –W.O.D. 9R OR MORE COND.

BAYVIEW WELLINGTON

S38–20 –

project name: GREEN VALLEY ESTATES — municipality: BRADFORD EAST, ON.

UPGRADED REAR ELEV. 'C' –W.O.D. COND.

date: SEPT. 2021 | drawn by: NC | checked by: JWM | scale: 3/16" = 1'–0" | file name: 16023–S38–20

project no. 16023 | drawing no. 52

RICHARD – H:\ARCHIVE\WORKING\2016\16023.BW\Units\38\16023–S38–20.dwg – Tue – Mar 1 2022 – 2:39 PM

VA3 DESIGN
255 Consumers Rd Suite 120
Toronto ON M2J 1R4
t 416.630.2255 f 416.630.4782
va3design.com

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
registration information: VA3 Design Inc.
signature
25591 BCIN
42658

Contractor must verify all dimensions on the job and report any discrepancy to the Designer before proceeding with the work. All dimensions are in millimeters and supersede scaled measurements. The Designer which must be returned at the completion of the work. Drawings are not to be scaled.

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3	REVISED AS PER ENG COMMENTS	MAR 01–22	RC
2	REVISED AS PER FLOOR / ROOF LAYOUTS	FEB 24–22	RC
1	ISSUED FOR CLIENT REVIEW	NOV 26–21	VA3

It is the builder's complete responsibility to ensure that all plans submitted for approval fully comply with the Architectural Guidelines and all applicable regulations and requirements including zoning provisions and any provisions in the subdivision agreement. The Control Architect is not responsible in any way for examining or approving site (lotting) plans or working drawings with respect to any zoning or building code or permit matter or that any house can be properly built or located on its lot.

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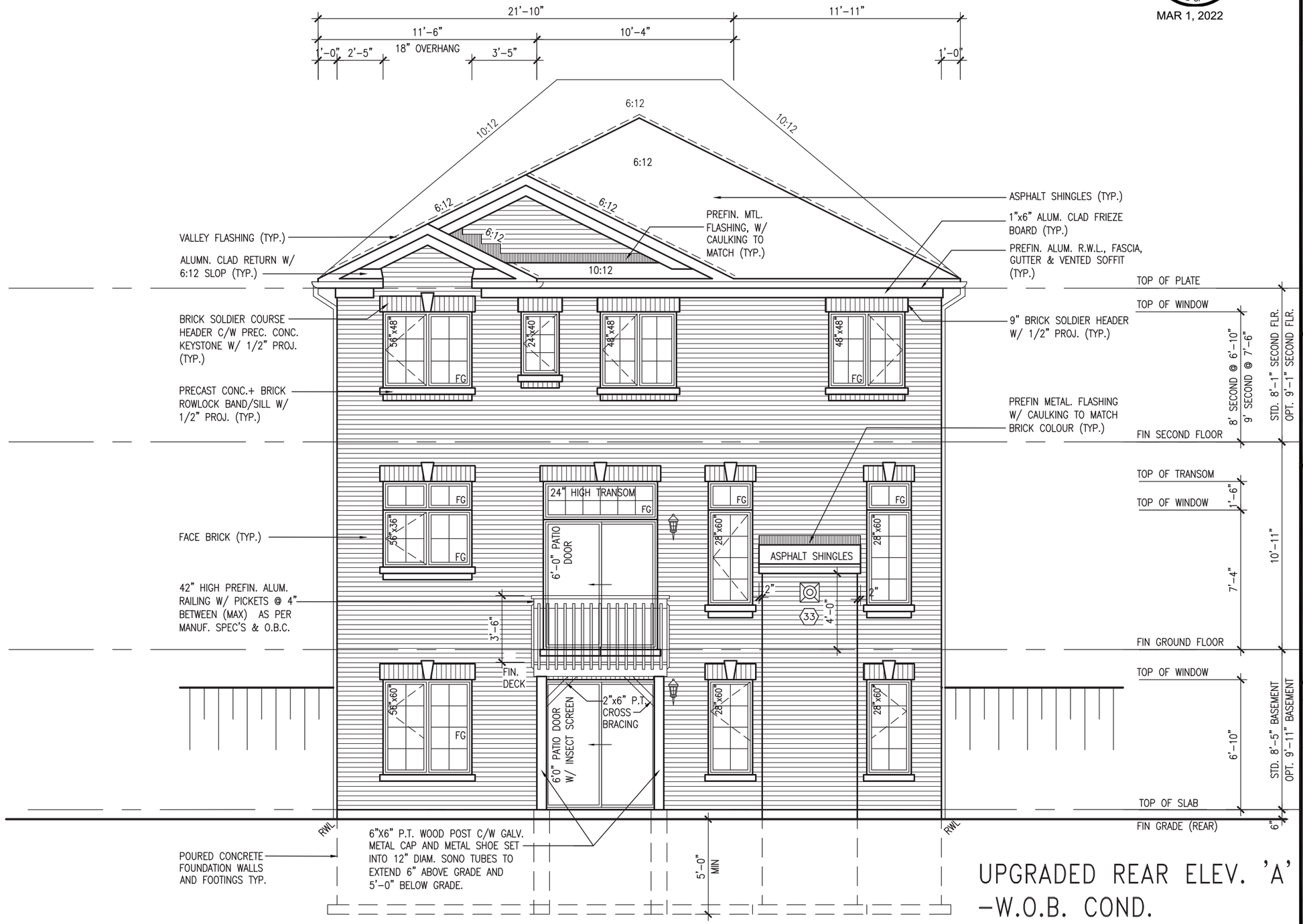
10' GROUND

LICENSED PROFESSIONAL ENGINEER
S. J. BOYD
90214198
PROVINCE OF ONTARIO
MAR 1, 2022



UPGRADED REAR ELEV. 'A' -W.O.B. COND.

BAYVIEW WELLINGTON
S38-20 -
project no. 16023
municipality BRADFORD EAST, ON.
project name GREEN VALLEY ESTATES
UPGRADED REAR ELEV. 'A' -W.O.B. COND.
drawing no. 53
date SEPT. 2021
checked by JWM
scale 3/16" = 1'-0"
drawn by NC
file name 16023-S38-20
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qualification information
Wellington Jno-Baptiste
registration information
VA3 Design Inc.
signature
BCIN 25591
42658

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3	REVISED AS PER ENG COMMENTS	MAR 01-22	RC
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1	ISSUED FOR CLIENT REVIEW	NOV 26-21	VA3

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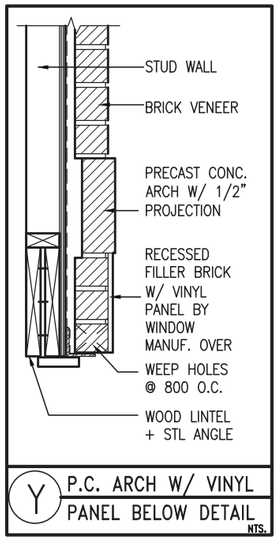
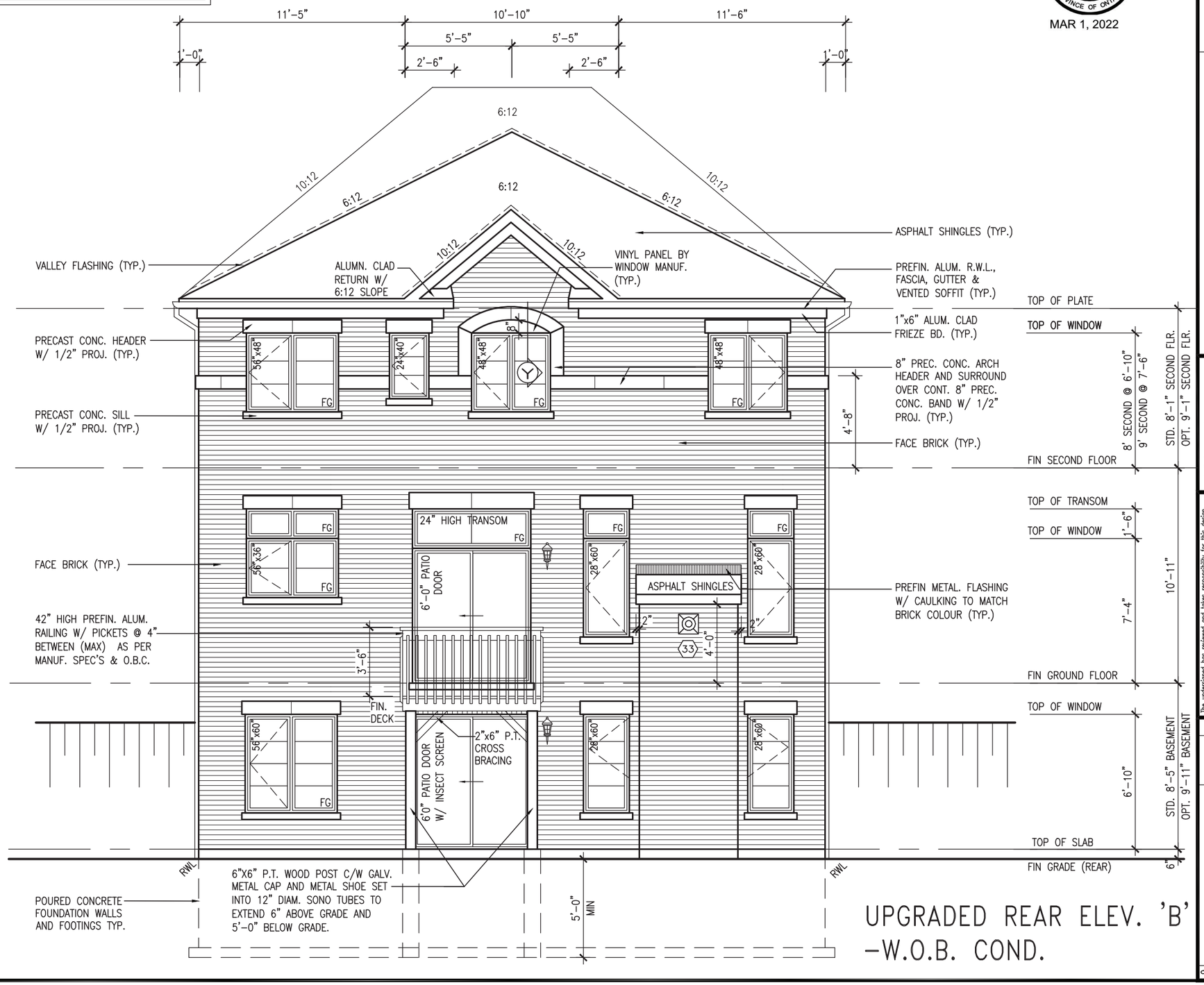
REFER TO FRONT ELEVATION FOR TYPICAL NOTES & INFORMATION

10' GROUND



Y P.C. ARCH W/ VINYL PANEL BELOW DETAIL NTS.



UPGRADED REAR ELEV. 'B' -W.O.B. COND.

LICENSED PROFESSIONAL ENGINEER
S. J. BOYD
90214198
PROVINCE OF ONTARIO
MAR 1, 2022

BAYVIEW WELLINGTON — S38-20 -

project name: GREEN VALLEY ESTATES — municipality: BRADFORD EAST, ON. — project no. 16023

UPGRADED REAR ELEV. 'B' -W.O.B. COND.

date: SEPT. 2021 — checked by: JWM — scale: 3/16" = 1'-0" — drawing no. 54

drawn by: NC — file name: 16023-S38-20

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t 416.630.2255 f 416.630.4782
va3design.com

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qualification information: Wellington Jno-Baptiste — 25591 — BCIN
registration information: VA3 Design Inc. — 42658

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3	REVISED AS PER ENG COMMENTS	MAR 01-22	RC
2	REVISED AS PER FLOOR / ROOF LAYOUTS	FEB 24-22	RC
1	ISSUED FOR CLIENT REVIEW	NOV 26-21	VA3

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JOHN G. WILLIAMS LTD., ARCHITECT
ARCHITECTURAL CONTROL REVIEW AND APPROVAL
APPROVED BY:
DATE: MAR 03, 2022
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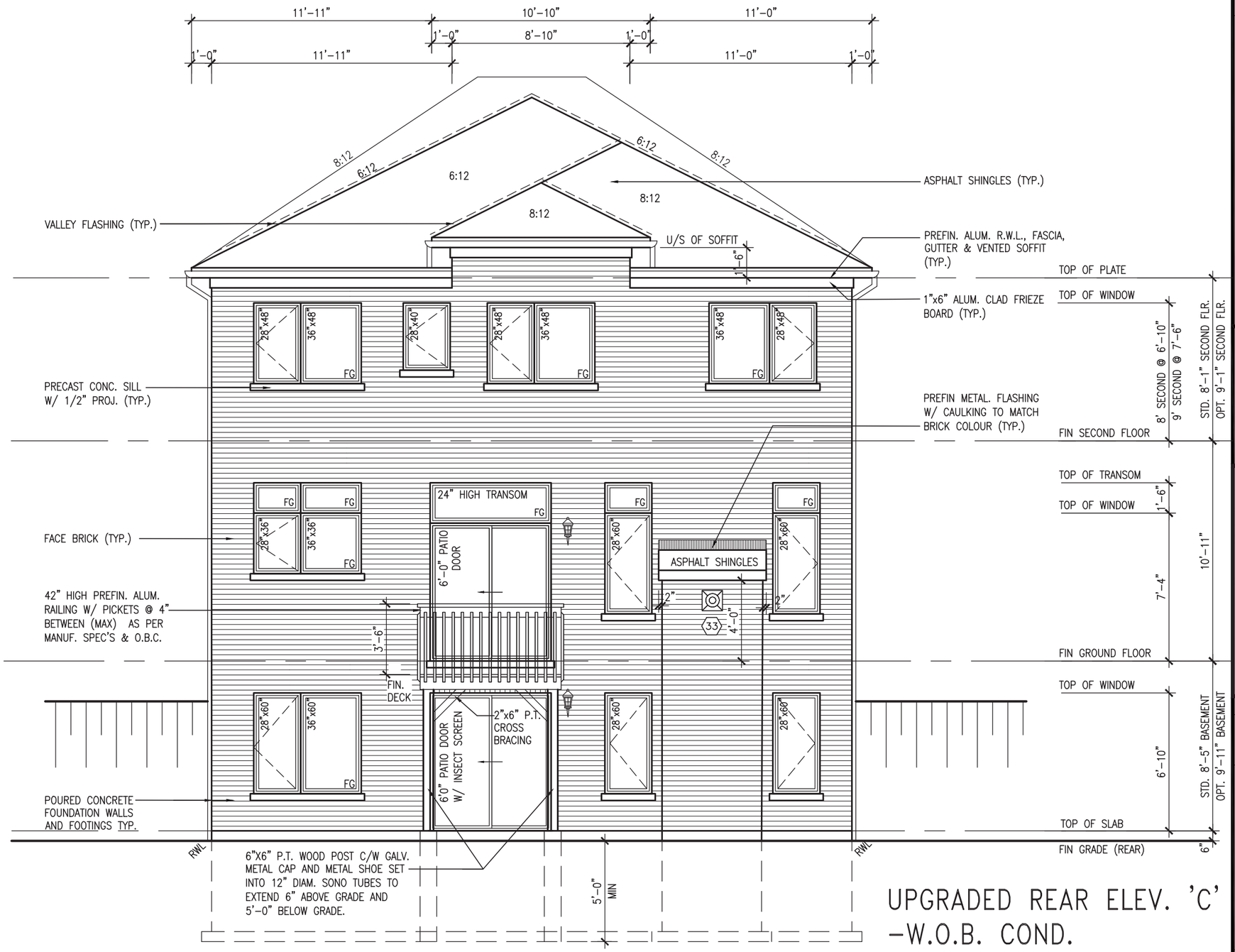
REFER TO FRONT ELEVATION FOR TYPICAL NOTES & INFORMATION

10' GROUND

LICENSED PROFESSIONAL ENGINEER
S. J. BOYD
90214198
PROVINCE OF ONTARIO
MAR 1, 2022



UPGRADED REAR ELEV. 'C' -W.O.B. COND.

BAYVIEW WELLINGTON — S38-20 -

project name: GREEN VALLEY ESTATES — municipality: BRADFORD EAST, ON.

UPGRADED REAR ELEV. 'C'- W.O.B. COND.

project no. 16023 | drawing no. 55

date: SEPT. 2021 | drawn by: NC | checked by: JWM | scale: 3/16" = 1'-0" | file name: 16023-S38-20

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qualification information: Wellington Jno-Baptiste — signature
registration information: VA3 Design Inc. — name — BCIN 25591 — 42658

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1	ISSUED FOR CLIENT REVIEW	NOV 26-21	VA3

UNINSULATED OPENINGS (PER OBC. SB-12,3.1.1(7))

STANDARD & REAR UPGRADE STD SEC. FL.

S38-20 ELEVATION A	ENERGY EFFICIENCY – OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	677 S.F.	150.28 S.F.	22.20 %
LEFT SIDE	1274 S.F.	96.00 S.F.	7.54 %
RIGHT SIDE	1260 S.F.	78.00 S.F.	6.19 %
REAR	667 S.F.	168.55 S.F.	25.27 %
* 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.	3878.00 S.F.	492.83 S.F.	12.71 %
TOTAL SQ. M.	360.27 S.M.	45.79 S.M.	12.71 %

UNINSULATED OPENINGS (PER OBC. SB-12,3.1.1(7))

STANDARD & REAR UPGRADE STD SEC. FL.

S38-20 ELEVATION B	ENERGY EFFICIENCY – OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	688 S.F.	152.28 S.F.	22.13 %
LEFT SIDE	1274 S.F.	96.00 S.F.	7.54 %
RIGHT SIDE	1260 S.F.	78.00 S.F.	6.19 %
REAR	667 S.F.	168.55 S.F.	25.27 %
* 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.	3889.00 S.F.	494.83 S.F.	12.72 %
TOTAL SQ. M.	361.30 S.M.	45.97 S.M.	12.72 %

UNINSULATED OPENINGS (PER OBC. SB-12,3.1.1(7))

STANDARD REAR & STD SEC. FL.

S38-20 ELEVATION C	ENERGY EFFICIENCY – OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	675 S.F.	166.50 S.F.	24.67 %
LEFT SIDE	1316 S.F.	96.00 S.F.	7.29 %
RIGHT SIDE	1278 S.F.	78.00 S.F.	6.10 %
REAR	667 S.F.	168.55 S.F.	25.27 %
* 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.	3936.00 S.F.	509.05 S.F.	12.93 %
TOTAL SQ. M.	365.66 S.M.	47.29 S.M.	12.93 %

UNINSULATED OPENINGS (PER OBC. SB-12,3.1.1(7))

STANDARD & REAR UPGRADE OPT. SEC. FL.

S38-20 ELEVATION A	ENERGY EFFICIENCY – OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	677 S.F.	150.28 S.F.	22.20 %
LEFT SIDE	1274 S.F.	96.00 S.F.	7.54 %
RIGHT SIDE	1260 S.F.	87.33 S.F.	6.93 %
REAR	667 S.F.	168.55 S.F.	25.27 %
* 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.	3878.00 S.F.	502.16 S.F.	12.95 %
TOTAL SQ. M.	360.27 S.M.	46.65 S.M.	12.95 %

UNINSULATED OPENINGS (PER OBC. SB-12,3.1.1(7))

STANDARD & REAR UPGRADE OPT. SEC. FL.

S38-20 ELEVATION B	ENERGY EFFICIENCY – OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	688 S.F.	152.28 S.F.	22.13 %
LEFT SIDE	1274 S.F.	96.00 S.F.	7.54 %
RIGHT SIDE	1260 S.F.	87.33 S.F.	6.93 %
REAR	667 S.F.	168.55 S.F.	25.27 %
* 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.	3889.00 S.F.	504.16 S.F.	12.96 %
TOTAL SQ. M.	361.30 S.M.	46.84 S.M.	12.96 %

UNINSULATED OPENINGS (PER OBC. SB-12,3.1.1(7))

STANDARD REAR & OPT. SEC. FL.

S38-20 ELEVATION C	ENERGY EFFICIENCY – OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	675 S.F.	166.50 S.F.	24.67 %
LEFT SIDE	1316 S.F.	96.00 S.F.	7.29 %
RIGHT SIDE	1278 S.F.	87.33 S.F.	6.83 %
REAR	667 S.F.	168.55 S.F.	25.27 %
* 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.	3936.00 S.F.	518.38 S.F.	13.17 %
TOTAL SQ. M.	365.66 S.M.	48.16 S.M.	13.17 %

UNINSULATED OPENINGS (PER OBC. SB-12,3.1.1(7))

STANDARD & REAR UPGRADE STD SEC. FL.

S38-20 ELEVATION A WOD	ENERGY EFFICIENCY – OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	677 S.F.	150.28 S.F.	22.20 %
LEFT SIDE	1274 S.F.	96.00 S.F.	7.54 %
RIGHT SIDE	1260 S.F.	78.00 S.F.	6.19 %
REAR	794 S.F.	192.79 S.F.	24.28 %
* 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.	4005.00 S.F.	517.07 S.F.	12.91 %
TOTAL SQ. M.	372.07 S.M.	48.04 S.M.	12.91 %

UNINSULATED OPENINGS (PER OBC. SB-12,3.1.1(7))

STANDARD & REAR UPGRADE STD SEC. FL.

S38-20 ELEVATION B WOD	ENERGY EFFICIENCY – OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	688 S.F.	152.28 S.F.	22.13 %
LEFT SIDE	1274 S.F.	96.00 S.F.	7.54 %
RIGHT SIDE	1260 S.F.	78.00 S.F.	6.19 %
REAR	794 S.F.	192.79 S.F.	24.28 %
* 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.	4016.00 S.F.	519.07 S.F.	12.93 %
TOTAL SQ. M.	373.10 S.M.	48.22 S.M.	12.93 %

UNINSULATED OPENINGS (PER OBC. SB-12,3.1.1(7))

STANDARD REAR & STD SEC. FL.

S38-20 ELEVATION C WOD	ENERGY EFFICIENCY – OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	675 S.F.	166.50 S.F.	24.67 %
LEFT SIDE	1316 S.F.	96.00 S.F.	7.29 %
RIGHT SIDE	1278 S.F.	78.00 S.F.	6.10 %
REAR	794 S.F.	192.79 S.F.	24.28 %
* 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.	4063.00 S.F.	533.29 S.F.	13.13 %
TOTAL SQ. M.	377.46 S.M.	49.54 S.M.	13.13 %

UNINSULATED OPENINGS (PER OBC. SB-12,3.1.1(7))

STANDARD & REAR UPGRADE OPT. SEC. FL.

S38-20 ELEVATION A WOD	ENERGY EFFICIENCY – OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	677 S.F.	150.28 S.F.	22.20 %
LEFT SIDE	1274 S.F.	96.00 S.F.	7.54 %
RIGHT SIDE	1260 S.F.	87.33 S.F.	6.93 %
REAR	794 S.F.	192.79 S.F.	24.28 %
* 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.	4005.00 S.F.	526.40 S.F.	13.14 %
TOTAL SQ. M.	372.07 S.M.	48.90 S.M.	13.14 %

UNINSULATED OPENINGS (PER OBC. SB-12,3.1.1(7))

STANDARD & REAR UPGRADE OPT. SEC. FL.

S38-20 ELEVATION B WOD	ENERGY EFFICIENCY – OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	688 S.F.	152.28 S.F.	22.13 %
LEFT SIDE	1274 S.F.	96.00 S.F.	7.54 %
RIGHT SIDE	1260 S.F.	87.33 S.F.	6.93 %
REAR	794 S.F.	192.79 S.F.	24.28 %
* 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.	4016.00 S.F.	528.40 S.F.	13.16 %
TOTAL SQ. M.	373.10 S.M.	49.09 S.M.	13.16 %

UNINSULATED OPENINGS (PER OBC. SB-12,3.1.1(7))

STANDARD REAR & OPT. SEC. FL.

S38-20 ELEVATION C WOD	ENERGY EFFICIENCY – OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	675 S.F.	166.50 S.F.	24.67 %
LEFT SIDE	1316 S.F.	96.00 S.F.	7.29 %
RIGHT SIDE	1278 S.F.	87.33 S.F.	6.83 %
REAR	794 S.F.	192.79 S.F.	24.28 %
* 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.	4063.00 S.F.	542.62 S.F.	13.36 %
TOTAL SQ. M.	377.46 S.M.	50.41 S.M.	13.36 %

BAYVIEW WELLINGTON – **S38-20**

project name: **GREEN VALLEY ESTATES** municipality: BRADFORD EAST, ON.

project no. 16023

date: SEPT. 2021 | drawn by: NC | checked by: JWM | scale: 3/16" = 1'-0"

drawing no. **56**

SB12 CHARTS

file name: 16023-S38-20

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qualification information: **Wellington Jno-Baptiste** BCIN 25591

registration information: **VA3 Design Inc.** 42658

signature: Wellington Jno-Baptiste

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1	ISSUED FOR CLIENT REVIEW	NOV 26-21	VA3

UNINSULATED OPENINGS (PER OBC. SB-12,3.1.1(7))

STANDARD & REAR UPGRADE STD SEC. FL.

S38-20 ELEVATION A WOB	ENERGY EFFICIENCY – OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	677 S.F.	150.28 S.F.	22.20 %
LEFT SIDE	1274 S.F.	96.00 S.F.	7.54 %
RIGHT SIDE	1260 S.F.	78.00 S.F.	6.19 %
REAR	883 S.F.	249.33 S.F.	28.24 %
* 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.	4094.00 S.F.	573.61 S.F.	14.01 %
TOTAL SQ. M.	380.34 S.M.	53.29 S.M.	14.01 %

UNINSULATED OPENINGS (PER OBC. SB-12,3.1.1(7))

STANDARD & REAR UPGRADE STD SEC. FL.

S38-20 ELEVATION B WOB	ENERGY EFFICIENCY – OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	688 S.F.	152.28 S.F.	22.13 %
LEFT SIDE	1274 S.F.	96.00 S.F.	7.54 %
RIGHT SIDE	1260 S.F.	78.00 S.F.	6.19 %
REAR	883 S.F.	249.33 S.F.	28.24 %
* 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.	4105.00 S.F.	575.61 S.F.	14.02 %
TOTAL SQ. M.	381.36 S.M.	53.48 S.M.	14.02 %

UNINSULATED OPENINGS (PER OBC. SB-12,3.1.1(7))

STANDARD REAR & STD SEC. FL.

S38-20 ELEVATION C WOB	ENERGY EFFICIENCY – OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	675 S.F.	166.50 S.F.	24.67 %
LEFT SIDE	1316 S.F.	96.00 S.F.	7.29 %
RIGHT SIDE	1278 S.F.	78.00 S.F.	6.10 %
REAR	883 S.F.	249.33 S.F.	28.24 %
* 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.	4152.00 S.F.	589.83 S.F.	14.21 %
TOTAL SQ. M.	385.73 S.M.	54.80 S.M.	14.21 %

UNINSULATED OPENINGS (PER OBC. SB-12,3.1.1(7))

STANDARD & REAR UPGRADE OPT. SEC. FL.

S38-20 ELEVATION A WOB	ENERGY EFFICIENCY – OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	677 S.F.	150.28 S.F.	22.20 %
LEFT SIDE	1274 S.F.	96.00 S.F.	7.54 %
RIGHT SIDE	1260 S.F.	87.33 S.F.	6.93 %
REAR	883 S.F.	249.33 S.F.	28.24 %
* 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.	4094.00 S.F.	582.94 S.F.	14.24 %
TOTAL SQ. M.	380.34 S.M.	54.16 S.M.	14.24 %

UNINSULATED OPENINGS (PER OBC. SB-12,3.1.1(7))

STANDARD & REAR UPGRADE OPT. SEC. FL.

S38-20 ELEVATION B WOB	ENERGY EFFICIENCY – OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	688 S.F.	152.28 S.F.	22.13 %
LEFT SIDE	1274 S.F.	96.00 S.F.	7.54 %
RIGHT SIDE	1260 S.F.	87.33 S.F.	6.93 %
REAR	883 S.F.	249.33 S.F.	28.24 %
* 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.	4105.00 S.F.	584.94 S.F.	14.25 %
TOTAL SQ. M.	381.36 S.M.	54.34 S.M.	14.25 %

UNINSULATED OPENINGS (PER OBC. SB-12,3.1.1(7))

STANDARD REAR & OPT. SEC. FL.

S38-20 ELEVATION C WOB	ENERGY EFFICIENCY – OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	675 S.F.	166.50 S.F.	24.67 %
LEFT SIDE	1316 S.F.	96.00 S.F.	7.29 %
RIGHT SIDE	1278 S.F.	87.33 S.F.	6.83 %
REAR	883 S.F.	249.33 S.F.	28.24 %
* 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.	4152.00 S.F.	599.16 S.F.	14.43 %
TOTAL SQ. M.	385.73 S.M.	55.66 S.M.	14.43 %

UNINSULATED OPENINGS (PER OBC. SB-12,3.1.1(7))

UPGRADED REAR & STD SEC. FL.

S38-20 ELEVATION C	ENERGY EFFICIENCY – OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	675 S.F.	166.50 S.F.	24.67 %
LEFT SIDE	1316 S.F.	96.00 S.F.	7.29 %
RIGHT SIDE	1278 S.F.	78.00 S.F.	6.10 %
REAR	667 S.F.	185.78 S.F.	27.85 %
* 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.	3936.00 S.F.	526.28 S.F.	13.37 %
TOTAL SQ. M.	365.66 S.M.	48.89 S.M.	13.37 %

UNINSULATED OPENINGS (PER OBC. SB-12,3.1.1(7))

UPGRADED REAR & STD SEC. FL.

S38-20 ELEVATION C WOD	ENERGY EFFICIENCY – OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	675 S.F.	166.50 S.F.	24.67 %
LEFT SIDE	1316 S.F.	96.00 S.F.	7.29 %
RIGHT SIDE	1278 S.F.	78.00 S.F.	6.10 %
REAR	794 S.F.	212.44 S.F.	26.76 %
* 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.	4063.00 S.F.	552.94 S.F.	13.61 %
TOTAL SQ. M.	377.46 S.M.	51.37 S.M.	13.61 %

UNINSULATED OPENINGS (PER OBC. SB-12,3.1.1(7))

UPGRADED REAR & STD SEC. FL.

S38-20 ELEVATION C WOB	ENERGY EFFICIENCY – OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	675 S.F.	166.50 S.F.	24.67 %
LEFT SIDE	1316 S.F.	96.00 S.F.	7.29 %
RIGHT SIDE	1278 S.F.	78.00 S.F.	6.10 %
REAR	886 S.F.	270.11 S.F.	30.49 %
* 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.	4155.00 S.F.	610.61 S.F.	14.70 %
TOTAL SQ. M.	386.01 S.M.	56.73 S.M.	14.70 %

UNINSULATED OPENINGS (PER OBC. SB-12,3.1.1(7))

UPGRADED REAR & OPT. SEC. FL.

S38-20 ELEVATION C	ENERGY EFFICIENCY – OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	675 S.F.	166.50 S.F.	24.67 %
LEFT SIDE	1316 S.F.	96.00 S.F.	7.29 %
RIGHT SIDE	1278 S.F.	87.33 S.F.	6.83 %
REAR	667 S.F.	185.78 S.F.	27.85 %
* 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.	3936.00 S.F.	535.61 S.F.	13.61 %
TOTAL SQ. M.	365.66 S.M.	49.76 S.M.	13.61 %

UNINSULATED OPENINGS (PER OBC. SB-12,3.1.1(7))

UPGRADED REAR & OPT. SEC. FL.

S38-20 ELEVATION C WOD	ENERGY EFFICIENCY – OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	675 S.F.	166.50 S.F.	24.67 %
LEFT SIDE	1316 S.F.	96.00 S.F.	7.29 %
RIGHT SIDE	1278 S.F.	87.33 S.F.	6.83 %
REAR	794 S.F.	212.44 S.F.	26.76 %
* 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.	4063.00 S.F.	562.27 S.F.	13.84 %
TOTAL SQ. M.	377.46 S.M.	52.24 S.M.	13.84 %

UNINSULATED OPENINGS (PER OBC. SB-12,3.1.1(7))

UPGRADED REAR & OPT. SEC. FL.

S38-20 ELEVATION C WOB	ENERGY EFFICIENCY – OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	675 S.F.	166.50 S.F.	24.67 %
LEFT SIDE	1316 S.F.	96.00 S.F.	7.29 %
RIGHT SIDE	1278 S.F.	87.33 S.F.	6.83 %
REAR	883 S.F.	270.11 S.F.	30.59 %
* 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.	4152.00 S.F.	619.94 S.F.	14.93 %
TOTAL SQ. M.	385.73 S.M.	57.59 S.M.	14.93 %

BAYVIEW WELLINGTON – **S38-20**

project name: **GREEN VALLEY ESTATES** municipality: BRADFORD EAST, ON.

project no. 16023

date: SEPT. 2021 | drawn by: NC | checked by: JWM | scale: 3/16" = 1'-0"

drawing no. 57

SB12 CHARTS

file name: 16023-S38-20

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VA3 DESIGN
255 Consumers Rd Suite 120
Toronto ON M2J 1R4
t 416.630.2255 f 416.630.4782
va3design.com

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 BCIN

registration information: **VA3 Design Inc.** 42658

signature: Wellington Jno-Baptiste

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 are the property of the Designer which must be returned at the completion of the work. Drawings are not to be scaled.

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3	REVISED AS PER ENG COMMENTS	MAR 01-22	RC
2	REVISED AS PER FLOOR / ROOF LAYOUTS	FEB 24-22	RC
1	ISSUED FOR CLIENT REVIEW	NOV 26-21	VA3

UNINSULATED OPENINGS (PER OBC. SB-12,3.1.1(7))

STANDARD & REAR UPGRADE STD SEC. FL. 9'-0" BASEMENT

S38-20 ELEVATION A WOB	ENERGY EFFICIENCY – OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	677 S.F.	150.28 S.F.	22.20 %
LEFT SIDE	1274 S.F.	96.00 S.F.	7.54 %
RIGHT SIDE	1260 S.F.	78.00 S.F.	6.19 %
REAR	918 S.F.	249.33 S.F.	27.16 %
* 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.	4129.00 S.F.	573.61 S.F.	13.89 %
TOTAL SQ. M.	383.59 S.M.	53.29 S.M.	13.89 %

UNINSULATED OPENINGS (PER OBC. SB-12,3.1.1(7))

STANDARD & REAR UPGRADE STD SEC. FL. 9'-0" BASEMENT

S38-20 ELEVATION B WOB	ENERGY EFFICIENCY – OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	688 S.F.	152.28 S.F.	22.13 %
LEFT SIDE	1274 S.F.	96.00 S.F.	7.54 %
RIGHT SIDE	1260 S.F.	78.00 S.F.	6.19 %
REAR	918 S.F.	249.33 S.F.	27.16 %
* 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.	4140.00 S.F.	575.61 S.F.	13.90 %
TOTAL SQ. M.	384.62 S.M.	53.48 S.M.	13.90 %

UNINSULATED OPENINGS (PER OBC. SB-12,3.1.1(7))

STANDARD REAR & STD SEC. FL. 9'-0" BASEMENT

S38-20 ELEVATION C WOB	ENERGY EFFICIENCY – OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	675 S.F.	166.50 S.F.	24.67 %
LEFT SIDE	1316 S.F.	96.00 S.F.	7.29 %
RIGHT SIDE	1278 S.F.	78.00 S.F.	6.10 %
REAR	918 S.F.	249.33 S.F.	27.16 %
* 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.	4187.00 S.F.	589.83 S.F.	14.09 %
TOTAL SQ. M.	388.98 S.M.	54.80 S.M.	14.09 %

UNINSULATED OPENINGS (PER OBC. SB-12,3.1.1(7))

STANDARD & REAR UPGRADE OPT. SEC. FL. 9'-0" BASEMENT

S38-20 ELEVATION A WOB	ENERGY EFFICIENCY – OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	677 S.F.	150.28 S.F.	22.20 %
LEFT SIDE	1274 S.F.	96.00 S.F.	7.54 %
RIGHT SIDE	1260 S.F.	87.33 S.F.	6.93 %
REAR	918 S.F.	249.33 S.F.	27.16 %
* 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.	4129.00 S.F.	582.94 S.F.	14.12 %
TOTAL SQ. M.	383.59 S.M.	54.16 S.M.	14.12 %

UNINSULATED OPENINGS (PER OBC. SB-12,3.1.1(7))

STANDARD & REAR UPGRADE OPT. SEC. FL. 9'-0" BASEMENT

S38-20 ELEVATION B WOB	ENERGY EFFICIENCY – OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	688 S.F.	152.28 S.F.	22.13 %
LEFT SIDE	1274 S.F.	96.00 S.F.	7.54 %
RIGHT SIDE	1260 S.F.	87.33 S.F.	6.93 %
REAR	918 S.F.	249.33 S.F.	27.16 %
* 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.	4140.00 S.F.	584.94 S.F.	14.13 %
TOTAL SQ. M.	384.62 S.M.	54.34 S.M.	14.13 %

UNINSULATED OPENINGS (PER OBC. SB-12,3.1.1(7))

STANDARD REAR & OPT. SEC. FL. 9'-0" BASEMENT

S38-20 ELEVATION C WOB	ENERGY EFFICIENCY – OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	675 S.F.	166.50 S.F.	24.67 %
LEFT SIDE	1316 S.F.	96.00 S.F.	7.29 %
RIGHT SIDE	1278 S.F.	87.33 S.F.	6.83 %
REAR	918 S.F.	249.33 S.F.	27.16 %
* 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.	4187.00 S.F.	599.16 S.F.	14.31 %
TOTAL SQ. M.	388.98 S.M.	55.66 S.M.	14.31 %

UNINSULATED OPENINGS (PER OBC. SB-12,3.1.1(7))

UPGRADED REAR & STD SEC. FL. 9'-0" BASEMENT

S38-20 ELEVATION C WOB	ENERGY EFFICIENCY – OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	675 S.F.	166.50 S.F.	24.67 %
LEFT SIDE	1316 S.F.	96.00 S.F.	7.29 %
RIGHT SIDE	1278 S.F.	78.00 S.F.	6.10 %
REAR	918 S.F.	270.11 S.F.	29.42 %
* 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.	4187.00 S.F.	610.61 S.F.	14.58 %
TOTAL SQ. M.	388.98 S.M.	56.73 S.M.	14.58 %

UNINSULATED OPENINGS (PER OBC. SB-12,3.1.1(7))

UPGRADED REAR & OPT. SEC. FL. 9'-0" BASEMENT

S38-20 ELEVATION C WOB	ENERGY EFFICIENCY – OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	675 S.F.	166.50 S.F.	24.67 %
LEFT SIDE	1316 S.F.	96.00 S.F.	7.29 %
RIGHT SIDE	1278 S.F.	87.33 S.F.	6.83 %
REAR	918 S.F.	270.11 S.F.	29.42 %
* 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.	4187.00 S.F.	619.94 S.F.	14.81 %
TOTAL SQ. M.	388.98 S.M.	57.59 S.M.	14.81 %

S38-20

project no. 16023

BAYVIEW WELLINGTON

project name GREEN VALLEY ESTATES

municipality BRADFORD EAST, ON.

SB12 CHARTS

drawing no. 58

date SEPT. 2021

drawn by NC

checked by JWM

scale 3/16" = 1'-0"

file name 16023-S38-20

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3	REVISED AS PER ENG COMMENTS	MAR 01-22	RC
2	REVISED AS PER FLOOR / ROOF LAYOUTS	FEB 24-22	RC
1	ISSUED FOR CLIENT REVIEW	NOV 26-21	VA3

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 BCIN

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.

UNINSULATED OPENINGS (PER OBC. SB-12,3.1.1(7))

STANDARD & REAR UPGRADE STD SEC. FL.

S38-20 ELEVATION A	ENERGY EFFICIENCY – OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	708 S.F.	150.28 S.F.	21.23 %
LEFT SIDE	1334 S.F.	96.00 S.F.	7.20 %
RIGHT SIDE	1320 S.F.	78.00 S.F.	5.91 %
REAR	698 S.F.	168.55 S.F.	24.15 %
* 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.	4060.00 S.F.	492.83 S.F.	12.14 %
TOTAL SQ. M.	377.18 S.M.	45.79 S.M.	12.14 %

UNINSULATED OPENINGS (PER OBC. SB-12,3.1.1(7))

STANDARD & REAR UPGRADE STD SEC. FL.

S38-20 ELEVATION B	ENERGY EFFICIENCY – OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	719 S.F.	152.28 S.F.	21.18 %
LEFT SIDE	1334 S.F.	96.00 S.F.	7.20 %
RIGHT SIDE	1320 S.F.	78.00 S.F.	5.91 %
REAR	698 S.F.	168.55 S.F.	24.15 %
* 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.	4071.00 S.F.	494.83 S.F.	12.15 %
TOTAL SQ. M.	378.21 S.M.	45.97 S.M.	12.15 %

UNINSULATED OPENINGS (PER OBC. SB-12,3.1.1(7))

STANDARD REAR & STD SEC. FL.

S38-20 ELEVATION C	ENERGY EFFICIENCY – OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	706 S.F.	166.50 S.F.	23.58 %
LEFT SIDE	1378 S.F.	96.00 S.F.	6.97 %
RIGHT SIDE	1340 S.F.	78.00 S.F.	5.82 %
REAR	698 S.F.	168.55 S.F.	24.15 %
* 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.	4122.00 S.F.	509.05 S.F.	12.35 %
TOTAL SQ. M.	382.94 S.M.	47.29 S.M.	12.35 %

UNINSULATED OPENINGS (PER OBC. SB-12,3.1.1(7))

STANDARD & REAR UPGRADE OPT. SEC. FL.

S38-20 ELEVATION A	ENERGY EFFICIENCY – OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	708 S.F.	150.28 S.F.	21.23 %
LEFT SIDE	1334 S.F.	96.00 S.F.	7.20 %
RIGHT SIDE	1320 S.F.	87.33 S.F.	6.62 %
REAR	698 S.F.	168.55 S.F.	24.15 %
* 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.	4060.00 S.F.	502.16 S.F.	12.37 %
TOTAL SQ. M.	377.18 S.M.	46.65 S.M.	12.37 %

UNINSULATED OPENINGS (PER OBC. SB-12,3.1.1(7))

STANDARD & REAR UPGRADE OPT. SEC. FL.

S38-20 ELEVATION B	ENERGY EFFICIENCY – OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	719 S.F.	152.28 S.F.	21.18 %
LEFT SIDE	1334 S.F.	96.00 S.F.	7.20 %
RIGHT SIDE	1320 S.F.	87.33 S.F.	6.62 %
REAR	698 S.F.	168.55 S.F.	24.15 %
* 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.	4071.00 S.F.	504.16 S.F.	12.38 %
TOTAL SQ. M.	378.21 S.M.	46.84 S.M.	12.38 %

UNINSULATED OPENINGS (PER OBC. SB-12,3.1.1(7))

STANDARD REAR & OPT. SEC. FL.

S38-20 ELEVATION C	ENERGY EFFICIENCY – OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	706 S.F.	166.50 S.F.	23.58 %
LEFT SIDE	1378 S.F.	96.00 S.F.	6.97 %
RIGHT SIDE	1340 S.F.	87.33 S.F.	6.52 %
REAR	698 S.F.	168.55 S.F.	24.15 %
* 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.	4122.00 S.F.	518.38 S.F.	12.58 %
TOTAL SQ. M.	382.94 S.M.	48.16 S.M.	12.58 %

UNINSULATED OPENINGS (PER OBC. SB-12,3.1.1(7))

STANDARD & REAR UPGRADE STD SEC. FL.

S38-20 ELEVATION A WOD	ENERGY EFFICIENCY – OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	708 S.F.	150.28 S.F.	21.23 %
LEFT SIDE	1334 S.F.	96.00 S.F.	7.20 %
RIGHT SIDE	1320 S.F.	78.00 S.F.	5.91 %
REAR	825 S.F.	192.79 S.F.	23.37 %
* 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.	4187.00 S.F.	517.07 S.F.	12.35 %
TOTAL SQ. M.	388.98 S.M.	48.04 S.M.	12.35 %

UNINSULATED OPENINGS (PER OBC. SB-12,3.1.1(7))

STANDARD & REAR UPGRADE STD SEC. FL.

S38-20 ELEVATION B WOD	ENERGY EFFICIENCY – OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	719 S.F.	152.28 S.F.	21.18 %
LEFT SIDE	1334 S.F.	96.00 S.F.	7.20 %
RIGHT SIDE	1320 S.F.	78.00 S.F.	5.91 %
REAR	825 S.F.	192.79 S.F.	23.37 %
* 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.	4198.00 S.F.	519.07 S.F.	12.36 %
TOTAL SQ. M.	390.00 S.M.	48.22 S.M.	12.36 %

UNINSULATED OPENINGS (PER OBC. SB-12,3.1.1(7))

STANDARD REAR & STD SEC. FL.

S38-20 ELEVATION C WOD	ENERGY EFFICIENCY – OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	706 S.F.	166.50 S.F.	23.58 %
LEFT SIDE	1378 S.F.	96.00 S.F.	6.97 %
RIGHT SIDE	1340 S.F.	78.00 S.F.	5.82 %
REAR	825 S.F.	192.79 S.F.	23.37 %
* 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.	4249.00 S.F.	533.29 S.F.	12.55 %
TOTAL SQ. M.	394.74 S.M.	49.54 S.M.	12.55 %

UNINSULATED OPENINGS (PER OBC. SB-12,3.1.1(7))

STANDARD & REAR UPGRADE OPT. SEC. FL.

S38-20 ELEVATION A WOD	ENERGY EFFICIENCY – OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	708 S.F.	150.28 S.F.	21.23 %
LEFT SIDE	1334 S.F.	96.00 S.F.	7.20 %
RIGHT SIDE	1320 S.F.	87.33 S.F.	6.62 %
REAR	825 S.F.	192.79 S.F.	23.37 %
* 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.	4187.00 S.F.	526.40 S.F.	12.57 %
TOTAL SQ. M.	388.98 S.M.	48.90 S.M.	12.57 %

UNINSULATED OPENINGS (PER OBC. SB-12,3.1.1(7))

STANDARD & REAR UPGRADE OPT. SEC. FL.

S38-20 ELEVATION B WOD	ENERGY EFFICIENCY – OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	719 S.F.	152.28 S.F.	21.18 %
LEFT SIDE	1334 S.F.	96.00 S.F.	7.20 %
RIGHT SIDE	1320 S.F.	87.33 S.F.	6.62 %
REAR	825 S.F.	192.79 S.F.	23.37 %
* 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.	4198.00 S.F.	528.40 S.F.	12.59 %
TOTAL SQ. M.	390.00 S.M.	49.09 S.M.	12.59 %

UNINSULATED OPENINGS (PER OBC. SB-12,3.1.1(7))

STANDARD REAR & OPT. SEC. FL.

S38-20 ELEVATION C WOD	ENERGY EFFICIENCY – OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	706 S.F.	166.50 S.F.	23.58 %
LEFT SIDE	1340 S.F.	96.00 S.F.	7.16 %
RIGHT SIDE	1278 S.F.	87.33 S.F.	6.83 %
REAR	825 S.F.	192.79 S.F.	23.37 %
* 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.	4149.00 S.F.	542.62 S.F.	13.08 %
TOTAL SQ. M.	385.45 S.M.	50.41 S.M.	13.08 %

SECOND FLOOR

9' SEC. FL.

S38-20 -

project no. 16023

BAYVIEW WELLINGTON

municipality BRADFORD EAST, ON.

project name **GREEN VALLEY ESTATES**

9' SEC. FL. SB12 CHARTS

drawing no. **59**

date SEPT. 2021 | drawn by NC | checked by JWM | scale 3/16" = 1'-0" | file name 16023-S38-20

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VA3 DESIGN
255 Consumers Rd Suite 120
Toronto ON M2J 1R4
t 416.630.2255 f 416.630.4782
va3design.com

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** BCIN 25591

registration information **VA3 Design Inc.** 42658

signature

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.

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3	REVISED AS PER ENG COMMENTS	MAR 01-22	RC
2	REVISED AS PER FLOOR / ROOF LAYOUTS	FEB 24-22	RC
1	ISSUED FOR CLIENT REVIEW	NOV 26-21	VA3

UNINSULATED OPENINGS (PER OBC. SB-12,3.1.1(7))

STANDARD & REAR UPGRADE STD SEC. FL.

S38-20 ELEVATION A WOB	ENERGY EFFICIENCY – OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	708 S.F.	150.28 S.F.	21.23 %
LEFT SIDE	1334 S.F.	96.00 S.F.	7.20 %
RIGHT SIDE	1320 S.F.	78.00 S.F.	5.91 %
REAR	918 S.F.	249.33 S.F.	27.16 %
* 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.	4280.00 S.F.	573.61 S.F.	13.40 %
TOTAL SQ. M.	397.62 S.M.	53.29 S.M.	13.40 %

UNINSULATED OPENINGS (PER OBC. SB-12,3.1.1(7))

STANDARD & REAR UPGRADE STD SEC. FL.

S38-20 ELEVATION B WOB	ENERGY EFFICIENCY – OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	719 S.F.	152.28 S.F.	21.18 %
LEFT SIDE	1334 S.F.	96.00 S.F.	7.20 %
RIGHT SIDE	1320 S.F.	78.00 S.F.	5.91 %
REAR	918 S.F.	249.33 S.F.	27.16 %
* 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.	4291.00 S.F.	575.61 S.F.	13.41 %
TOTAL SQ. M.	398.64 S.M.	53.48 S.M.	13.41 %

UNINSULATED OPENINGS (PER OBC. SB-12,3.1.1(7))

STANDARD REAR & STD SEC. FL.

S38-20 ELEVATION C WOB	ENERGY EFFICIENCY – OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	706 S.F.	166.50 S.F.	23.58 %
LEFT SIDE	1378 S.F.	96.00 S.F.	6.97 %
RIGHT SIDE	1340 S.F.	78.00 S.F.	5.82 %
REAR	918 S.F.	249.33 S.F.	27.16 %
* 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.	4342.00 S.F.	589.83 S.F.	13.58 %
TOTAL SQ. M.	403.38 S.M.	54.80 S.M.	13.58 %

UNINSULATED OPENINGS (PER OBC. SB-12,3.1.1(7))

STANDARD & REAR UPGRADE OPT. SEC. FL.

S38-20 ELEVATION A WOB	ENERGY EFFICIENCY – OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	708 S.F.	150.28 S.F.	21.23 %
LEFT SIDE	1334 S.F.	96.00 S.F.	7.20 %
RIGHT SIDE	1320 S.F.	87.33 S.F.	6.62 %
REAR	918 S.F.	249.33 S.F.	27.16 %
* 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.	4280.00 S.F.	582.94 S.F.	13.62 %
TOTAL SQ. M.	397.62 S.M.	54.16 S.M.	13.62 %

UNINSULATED OPENINGS (PER OBC. SB-12,3.1.1(7))

STANDARD & REAR UPGRADE OPT. SEC. FL.

S38-20 ELEVATION B WOB	ENERGY EFFICIENCY – OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	719 S.F.	152.28 S.F.	21.18 %
LEFT SIDE	1334 S.F.	96.00 S.F.	7.20 %
RIGHT SIDE	1320 S.F.	87.33 S.F.	6.62 %
REAR	918 S.F.	249.33 S.F.	27.16 %
* 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.	4291.00 S.F.	584.94 S.F.	13.63 %
TOTAL SQ. M.	398.64 S.M.	54.34 S.M.	13.63 %

UNINSULATED OPENINGS (PER OBC. SB-12,3.1.1(7))

STANDARD REAR & OPT. SEC. FL.

S38-20 ELEVATION C WOB	ENERGY EFFICIENCY – OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	706 S.F.	166.50 S.F.	23.58 %
LEFT SIDE	1378 S.F.	96.00 S.F.	6.97 %
RIGHT SIDE	1340 S.F.	87.33 S.F.	6.52 %
REAR	918 S.F.	249.33 S.F.	27.16 %
* 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.	4342.00 S.F.	599.16 S.F.	13.80 %
TOTAL SQ. M.	403.38 S.M.	55.66 S.M.	13.80 %

UNINSULATED OPENINGS (PER OBC. SB-12,3.1.1(7))

UPGRADED REAR & STD SEC. FL.

S38-20 ELEVATION C	ENERGY EFFICIENCY – OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	706 S.F.	166.50 S.F.	23.58 %
LEFT SIDE	1378 S.F.	96.00 S.F.	6.97 %
RIGHT SIDE	1340 S.F.	78.00 S.F.	5.82 %
REAR	698 S.F.	185.78 S.F.	26.62 %
* 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.	4122.00 S.F.	526.28 S.F.	12.77 %
TOTAL SQ. M.	382.94 S.M.	48.89 S.M.	12.77 %

UNINSULATED OPENINGS (PER OBC. SB-12,3.1.1(7))

UPGRADED REAR & STD SEC. FL.

S38-20 ELEVATION C WOD	ENERGY EFFICIENCY – OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	706 S.F.	166.50 S.F.	23.58 %
LEFT SIDE	1378 S.F.	96.00 S.F.	6.97 %
RIGHT SIDE	1340 S.F.	78.00 S.F.	5.82 %
REAR	825 S.F.	212.44 S.F.	25.75 %
* 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.	4249.00 S.F.	552.94 S.F.	13.01 %
TOTAL SQ. M.	394.74 S.M.	51.37 S.M.	13.01 %

UNINSULATED OPENINGS (PER OBC. SB-12,3.1.1(7))

UPGRADED REAR & STD SEC. FL.

S38-20 ELEVATION C WOB	ENERGY EFFICIENCY – OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	706 S.F.	166.50 S.F.	23.58 %
LEFT SIDE	1378 S.F.	96.00 S.F.	6.97 %
RIGHT SIDE	1340 S.F.	78.00 S.F.	5.82 %
REAR	918 S.F.	270.11 S.F.	29.42 %
* 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.	4342.00 S.F.	610.61 S.F.	14.06 %
TOTAL SQ. M.	403.38 S.M.	56.73 S.M.	14.06 %

UNINSULATED OPENINGS (PER OBC. SB-12,3.1.1(7))

UPGRADED REAR & OPT. SEC. FL.

S38-20 ELEVATION C	ENERGY EFFICIENCY – OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	706 S.F.	166.50 S.F.	23.58 %
LEFT SIDE	1378 S.F.	96.00 S.F.	6.97 %
RIGHT SIDE	1340 S.F.	87.33 S.F.	6.52 %
REAR	698 S.F.	185.78 S.F.	26.62 %
* 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.	4122.00 S.F.	535.61 S.F.	12.99 %
TOTAL SQ. M.	382.94 S.M.	49.76 S.M.	12.99 %

UNINSULATED OPENINGS (PER OBC. SB-12,3.1.1(7))

UPGRADED REAR & OPT. SEC. FL.

S38-20 ELEVATION C WOD	ENERGY EFFICIENCY – OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	706 S.F.	166.50 S.F.	23.58 %
LEFT SIDE	1378 S.F.	96.00 S.F.	6.97 %
RIGHT SIDE	1340 S.F.	87.33 S.F.	6.52 %
REAR	825 S.F.	212.44 S.F.	25.75 %
* 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.	4249.00 S.F.	562.27 S.F.	13.23 %
TOTAL SQ. M.	394.74 S.M.	52.24 S.M.	13.23 %

UNINSULATED OPENINGS (PER OBC. SB-12,3.1.1(7))

UPGRADED REAR & OPT. SEC. FL.

S38-20 ELEVATION C WOB	ENERGY EFFICIENCY – OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	706 S.F.	166.50 S.F.	23.58 %
LEFT SIDE	1378 S.F.	96.00 S.F.	6.97 %
RIGHT SIDE	1340 S.F.	87.33 S.F.	6.52 %
REAR	918 S.F.	270.11 S.F.	29.42 %
* 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.	4342.00 S.F.	619.94 S.F.	14.28 %
TOTAL SQ. M.	403.38 S.M.	57.59 S.M.	14.28 %

SECOND FLOOR

9' SEC. FL.

S38-20 -

project no. 16023

BAYVIEW WELLINGTON

project name GREEN VALLEY ESTATES

municipality BRADFORD EAST, ON.

date SEPT. 2021 | drawn by NC | checked by JWM | scale 3/16" = 1'-0"

9' SEC. FL. SB12 CHARTS

file name 16023-S38-20

drawing no. 60

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va3design.com

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 — BCIN

registration information — VA3 Design Inc. — 42658

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3	REVISED AS PER ENG COMMENTS	MAR 01-22	RC
2	REVISED AS PER FLOOR / ROOF LAYOUTS	FEB 24-22	RC
1	ISSUED FOR CLIENT REVIEW	NOV 26-21	VA3

UNINSULATED OPENINGS (PER OBC. SB-12,3.1.1(7))

STANDARD & REAR UPGRADE STD SEC. FL. 9'-0" BASEMENT

S38-20 ELEVATION A WOB	ENERGY EFFICIENCY – OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	708 S.F.	150.28 S.F.	21.23 %
LEFT SIDE	1334 S.F.	96.00 S.F.	7.20 %
RIGHT SIDE	1320 S.F.	78.00 S.F.	5.91 %
REAR	950 S.F.	249.33 S.F.	26.25 %
* 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.	4312.00 S.F.	573.61 S.F.	13.30 %
TOTAL SQ. M.	400.59 S.M.	53.29 S.M.	13.30 %

UNINSULATED OPENINGS (PER OBC. SB-12,3.1.1(7))

STANDARD & REAR UPGRADE STD SEC. FL. 9'-0" BASEMENT

S38-20 ELEVATION B WOB	ENERGY EFFICIENCY – OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	719 S.F.	152.28 S.F.	21.18 %
LEFT SIDE	1334 S.F.	96.00 S.F.	7.20 %
RIGHT SIDE	1320 S.F.	78.00 S.F.	5.91 %
REAR	950 S.F.	249.33 S.F.	26.25 %
* 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.	4323.00 S.F.	575.61 S.F.	13.32 %
TOTAL SQ. M.	401.62 S.M.	53.48 S.M.	13.32 %

UNINSULATED OPENINGS (PER OBC. SB-12,3.1.1(7))

STANDARD REAR & STD SEC. FL. 9'-0" BASEMENT

S38-20 ELEVATION C WOB	ENERGY EFFICIENCY – OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	706 S.F.	166.50 S.F.	23.58 %
LEFT SIDE	1378 S.F.	96.00 S.F.	6.97 %
RIGHT SIDE	1340 S.F.	78.00 S.F.	5.82 %
REAR	950 S.F.	249.33 S.F.	26.25 %
* 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.	4374.00 S.F.	589.83 S.F.	13.48 %
TOTAL SQ. M.	406.35 S.M.	54.80 S.M.	13.48 %

UNINSULATED OPENINGS (PER OBC. SB-12,3.1.1(7))

STANDARD & REAR UPGRADE OPT. SEC. FL. 9'-0" BASEMENT

S38-20 ELEVATION A WOB	ENERGY EFFICIENCY – OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	708 S.F.	150.28 S.F.	21.23 %
LEFT SIDE	1334 S.F.	96.00 S.F.	7.20 %
RIGHT SIDE	1320 S.F.	87.33 S.F.	6.62 %
REAR	950 S.F.	249.33 S.F.	26.25 %
* 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.	4312.00 S.F.	582.94 S.F.	13.52 %
TOTAL SQ. M.	400.59 S.M.	54.16 S.M.	13.52 %

UNINSULATED OPENINGS (PER OBC. SB-12,3.1.1(7))

STANDARD & REAR UPGRADE OPT. SEC. FL. 9'-0" BASEMENT

S38-20 ELEVATION B WOB	ENERGY EFFICIENCY – OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	719 S.F.	152.28 S.F.	21.18 %
LEFT SIDE	1334 S.F.	96.00 S.F.	7.20 %
RIGHT SIDE	1320 S.F.	87.33 S.F.	6.62 %
REAR	950 S.F.	249.33 S.F.	26.25 %
* 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.	4323.00 S.F.	584.94 S.F.	13.53 %
TOTAL SQ. M.	401.62 S.M.	54.34 S.M.	13.53 %

UNINSULATED OPENINGS (PER OBC. SB-12,3.1.1(7))

STANDARD REAR & OPT. SEC. FL. 9'-0" BASEMENT

S38-20 ELEVATION C WOB	ENERGY EFFICIENCY – OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	706 S.F.	166.50 S.F.	23.58 %
LEFT SIDE	1378 S.F.	96.00 S.F.	6.97 %
RIGHT SIDE	1340 S.F.	87.33 S.F.	6.52 %
REAR	950 S.F.	249.33 S.F.	26.25 %
* 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.	4374.00 S.F.	599.16 S.F.	13.70 %
TOTAL SQ. M.	406.35 S.M.	55.66 S.M.	13.70 %

UNINSULATED OPENINGS (PER OBC. SB-12,3.1.1(7))

UPGRADED REAR & STD SEC. FL. 9'-0" BASEMENT

S38-20 ELEVATION C WOB	ENERGY EFFICIENCY – OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	706 S.F.	166.50 S.F.	23.58 %
LEFT SIDE	1378 S.F.	96.00 S.F.	6.97 %
RIGHT SIDE	1340 S.F.	78.00 S.F.	5.82 %
REAR	950 S.F.	270.11 S.F.	28.43 %
* 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.	4374.00 S.F.	610.61 S.F.	13.96 %
TOTAL SQ. M.	406.35 S.M.	56.73 S.M.	13.96 %

UNINSULATED OPENINGS (PER OBC. SB-12,3.1.1(7))

UPGRADED REAR & OPT. SEC. FL. 9'-0" BASEMENT

S38-20 ELEVATION C WOB	ENERGY EFFICIENCY – OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	706 S.F.	166.50 S.F.	23.58 %
LEFT SIDE	1378 S.F.	96.00 S.F.	6.97 %
RIGHT SIDE	1340 S.F.	87.33 S.F.	6.52 %
REAR	950 S.F.	270.11 S.F.	28.43 %
* 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.	4374.00 S.F.	619.94 S.F.	14.17 %
TOTAL SQ. M.	406.35 S.M.	57.59 S.M.	14.17 %

9' SECOND FLOOR

no.	description	date	by
9	.	.	.
8	.	.	.
7	.	.	.
6	.	.	.
5	.	.	.
4	.	.	.
3	REVISED AS PER ENG COMMENTS	MAR 01-22	RC
2	REVISED AS PER FLOOR / ROOF LAYOUTS	FEB 24-22	RC
1	ISSUED FOR CLIENT REVIEW	NOV 26-21	VA3

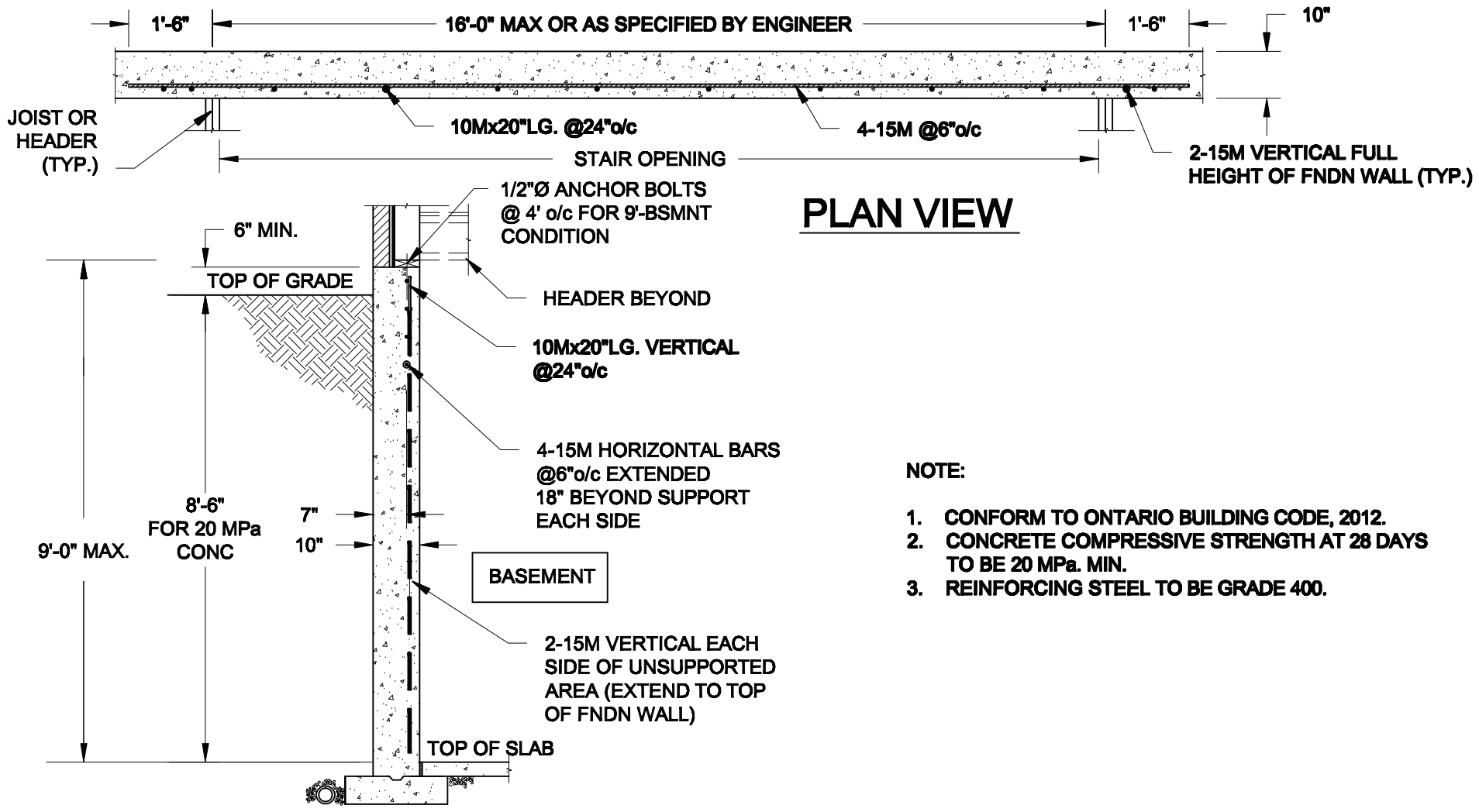
The undersigned has reviewed and takes responsibility for this design and has the qualifications and meets the requirements set out in the Ontario Building Code to be a Designer.
qualification information
Wellington Jno-Baptiste — 25591
name — BCIN
registration information
VA3 Design Inc. — 42658

signature

Contractor must verify all dimensions on the job and report any discrepancy to the Designer before proceeding with the work. All drawings and specification 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
255 Consumers Rd Suite 120
Toronto ON M2J 1R4
t 416.630.2255 f 416.630.4782
va3design.com

project name: GREEN VALLEY ESTATES — municipality: BRADFORD EAST, ON.
project no. 16023
BAYVIEW WELLINGTON — S38-20 -
date: SEPT. 2021 — drawn by: NC — checked by: JWM — scale: 3/16" = 1'-0"
9' SEC. FL. SB12 CHARTS
file name: 16023-S38-20
drawing no. 61

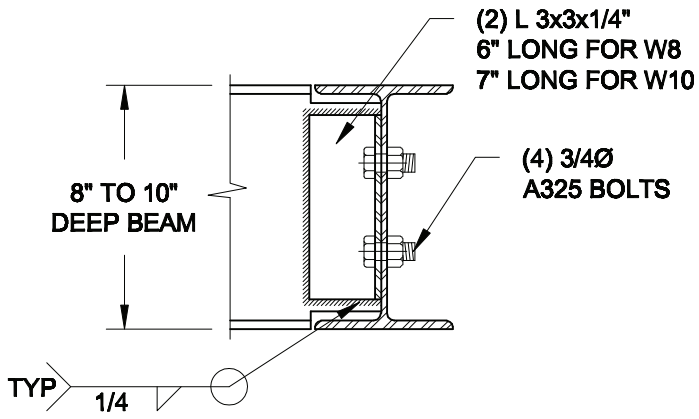


NOTE:

1. CONFORM TO ONTARIO BUILDING CODE, 2012.
2. CONCRETE COMPRESSIVE STRENGTH AT 28 DAYS TO BE 20 MPa. MIN.
3. REINFORCING STEEL TO BE GRADE 400.

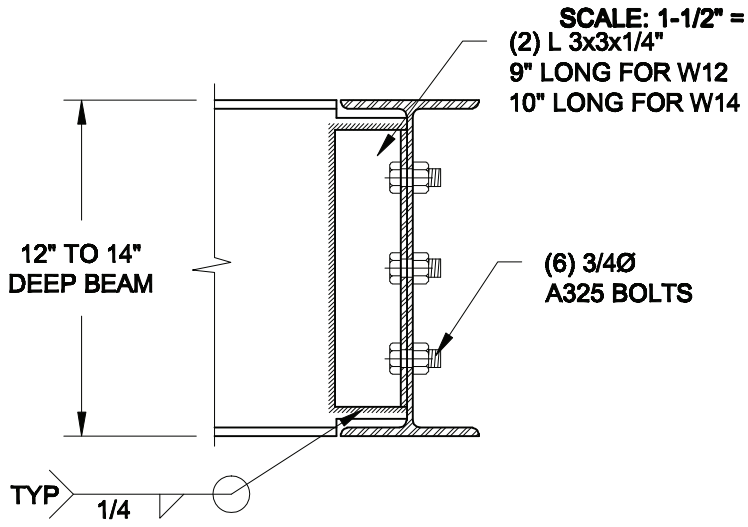
1/S1 LATERALLY UNSUPPORTED WALL

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

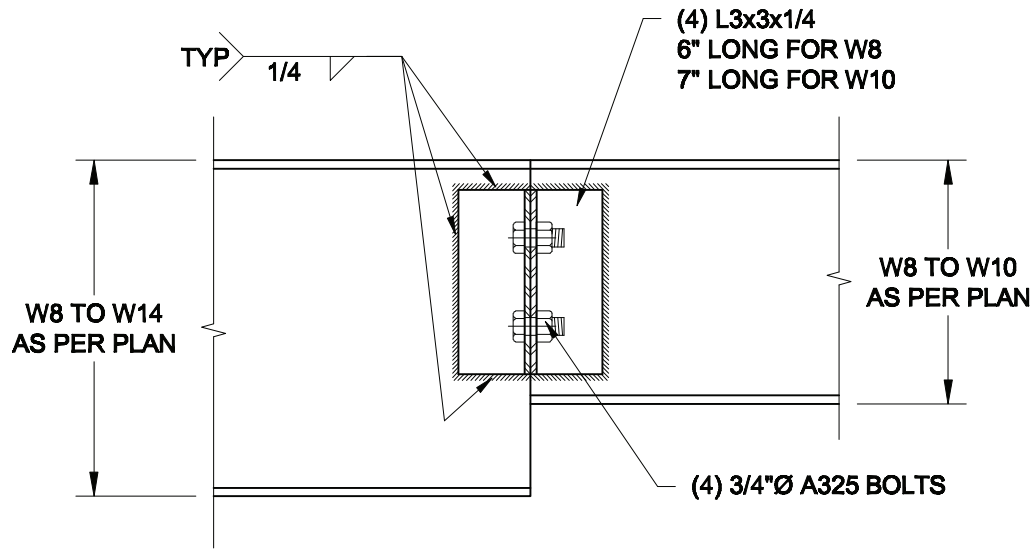


NOTE: DETAIL IS APPLICABLE TO W8x40 (W200x59) BEAM MAX AND W10x39 (W250x58) BEAM MAX.

SCALE: 1-1/2" = 1'-0"



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



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

2/S1 STEEL BEAM CONNECTION DETAILS

Scale: AS NOTED	QUAILE ENGINEERING LTD.	Engineer's Seal: LICENSED PROFESSIONAL ENGINEER S. J. BOYD 90214198 PROVINCE OF ONTARIO FEB 17, 2022	Project: BAYVIEW WELLINGTON HOMES - GREEN VALLEY ESTATES - SINGLES BRADFORD, ONTARIO
Date: FEB-17-2022	38 Parkside Drive, UNIT 7 Newmarket, ON L3Y 8J9 T: 905-853-8547 E: qualle.eng@rogers.com		TYPICAL STRUCTURAL DETAILS
Drawn: SC / Checked: SJB			Project No.: 21-038 / Drawing No.: S1

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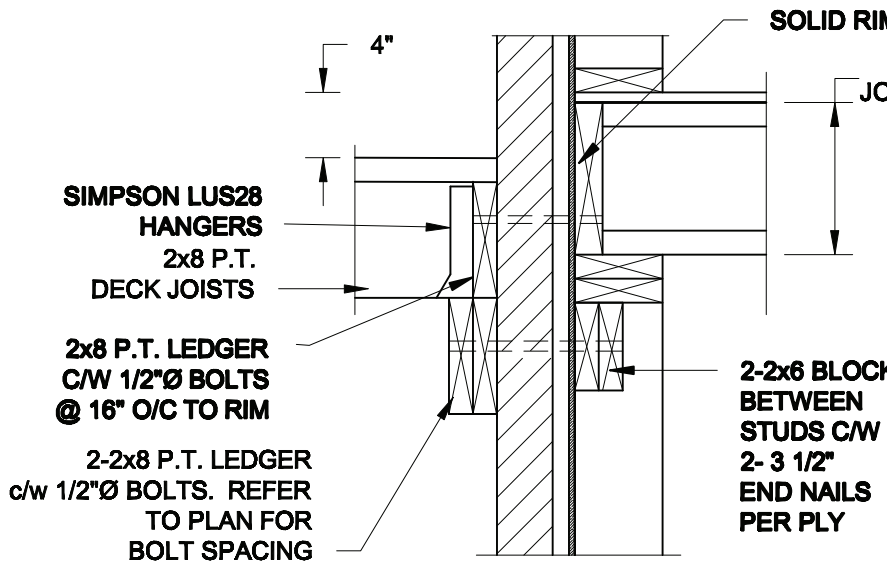
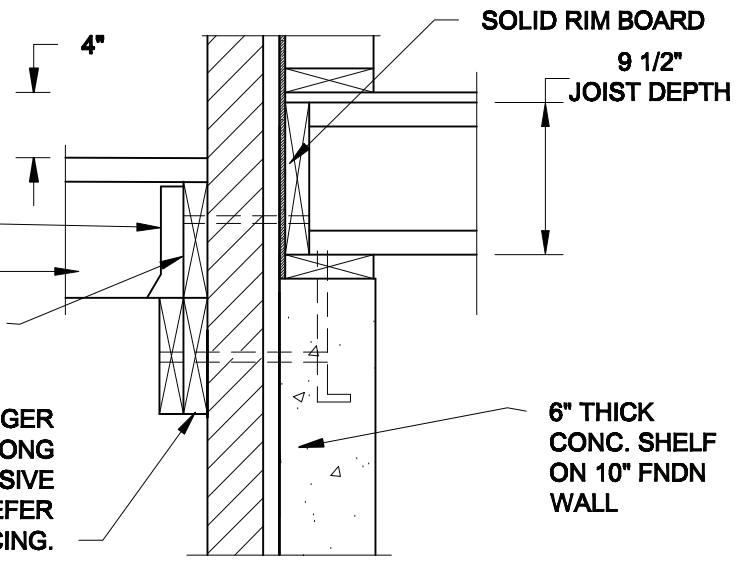
FOR 9 1/2" JOIST DEPTH



1A / S2 DECK FASTENING DETAIL

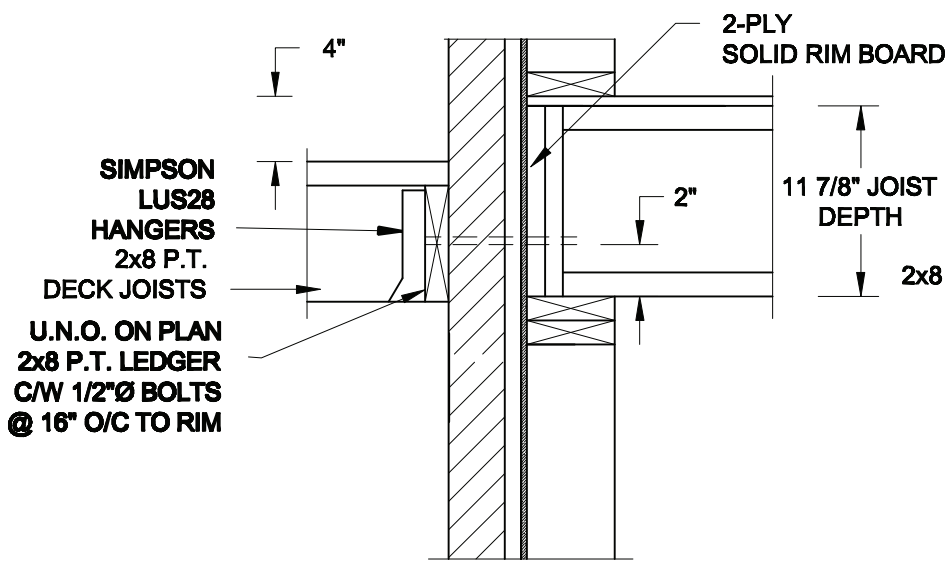
SCALE: 1" = 1'-0"



1B / S2 DECK FASTENING DETAIL

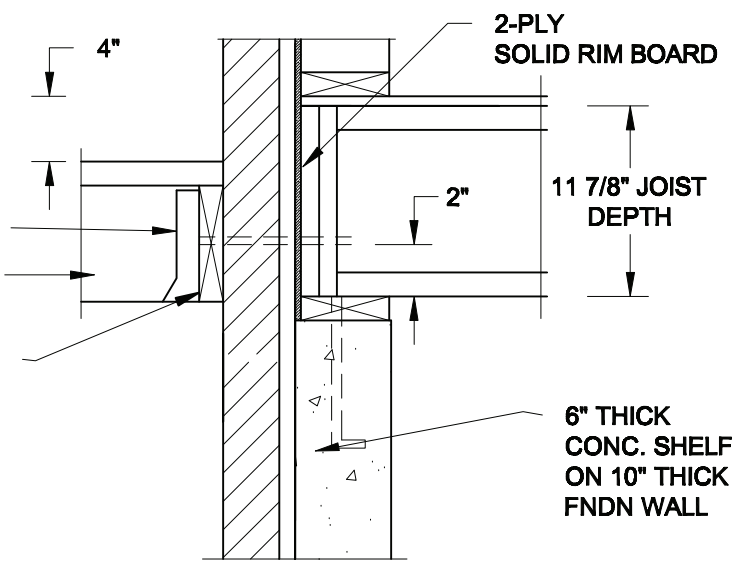
SCALE: 1" = 1'-0"

FOR 11 7/8" JOIST DEPTH



1C / S2 DECK FASTENING DETAIL

SCALE: 1" = 1'-0"

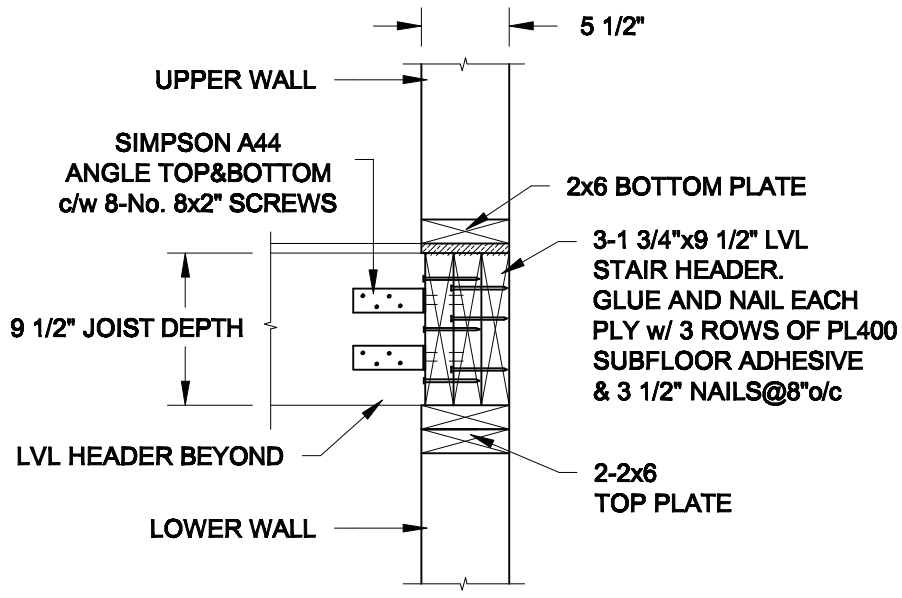


1D / S2 DECK FASTENING DETAIL

SCALE: 1" = 1'-0"

NOTE: 1. WHERE BACKFILL HEIGHT < 4'-7", PROVIDE 2x6 @ 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.

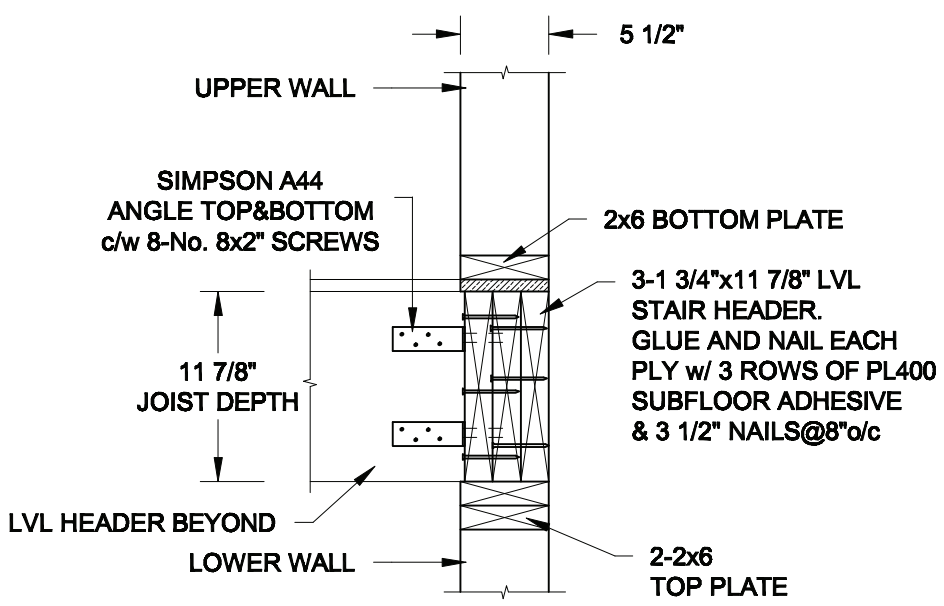
FOR 9 1/2" JOIST DEPTH



2A / S2 STAIR HEADER

SCALE: 1" = 1'-0"

FOR 11 7/8" JOIST DEPTH



2B / S2 STAIR HEADER

SCALE: 1" = 1'-0"

Scale: AS NOTED	QUAILE ENGINEERING LTD.	Engineer's Seal: LICENSED PROFESSIONAL ENGINEER S. J. BOYD 90214198 PROVINCE OF ONTARIO	Project: BAYVIEW WELLINGTON HOMES - GREEN VALLEY ESTATES - SINGLES BRADFORD, ONTARIO	
Date: MAR-15-2021		MAR 30, 2021	TYPICAL STRUCTURAL DETAILS	
Drawn: SC / Checked: SJB	38 Parkside Drive, UNIT 7 Newmarket, ON L3Y 8J9 T: 905-853-8547 E: qualle.eng@rogers.com		Project No.: 21-038	Drawing No.: S2

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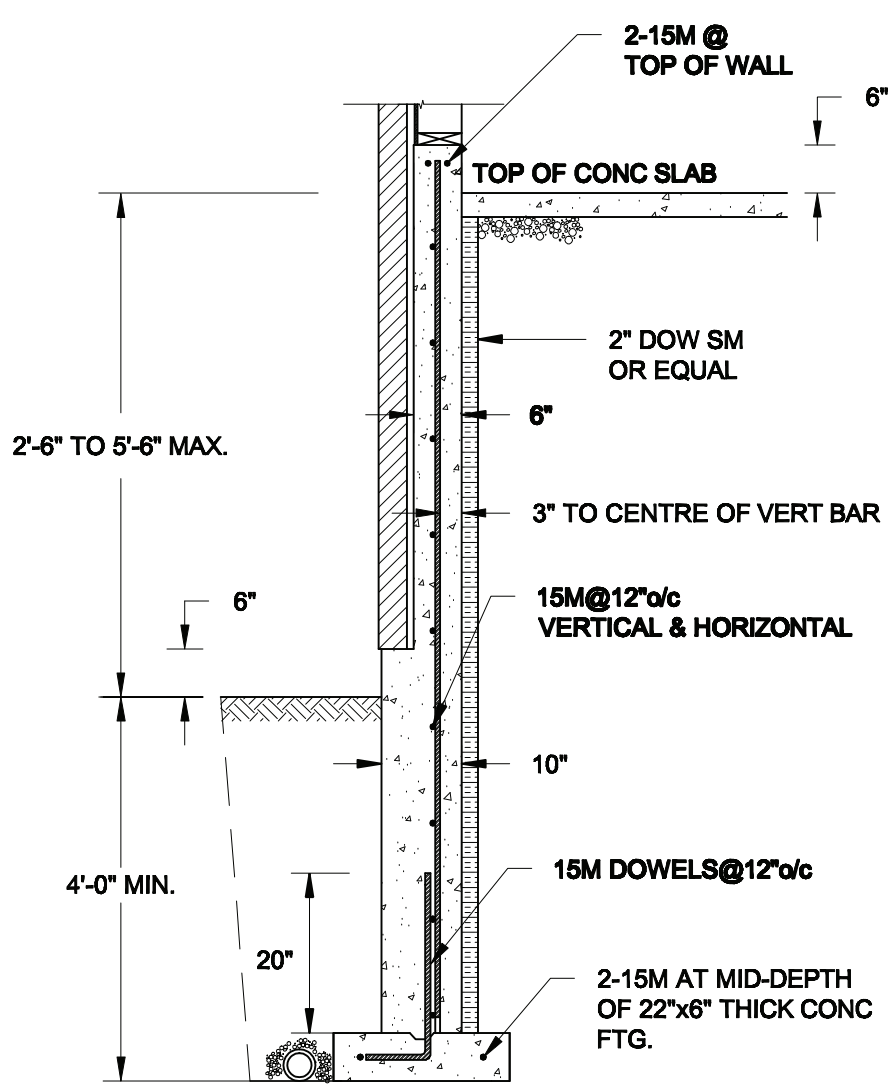
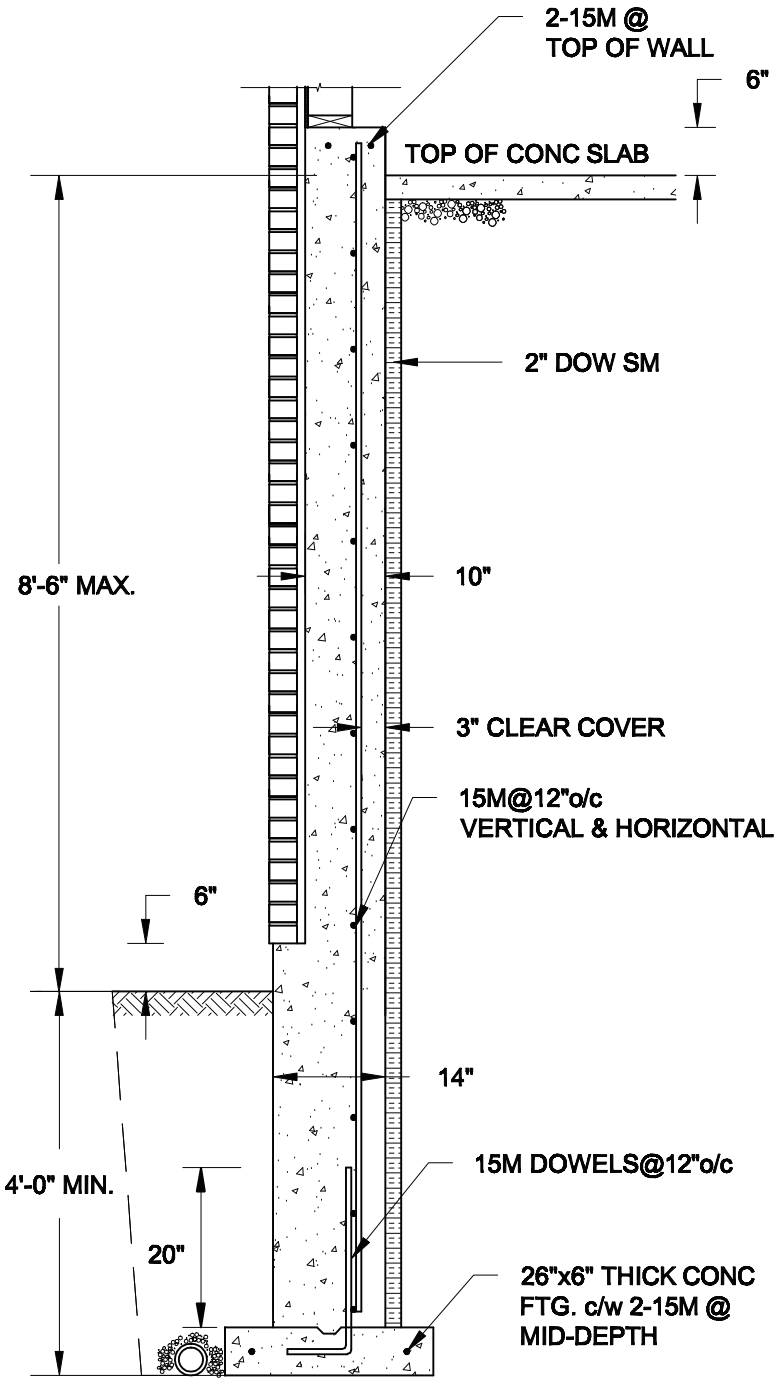


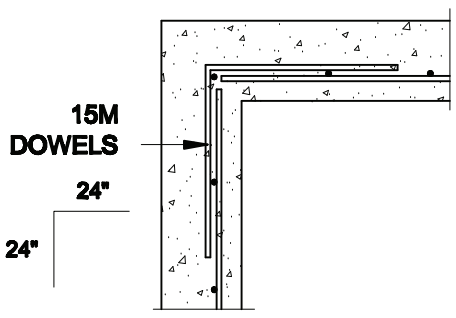
1A / S3 REINFORCED BRICKSHELF

SCALE: 1/2" = 1' - 0"



1B / S3 REINFORCED BRICKSHELF

SCALE: 1/2" = 1' - 0"

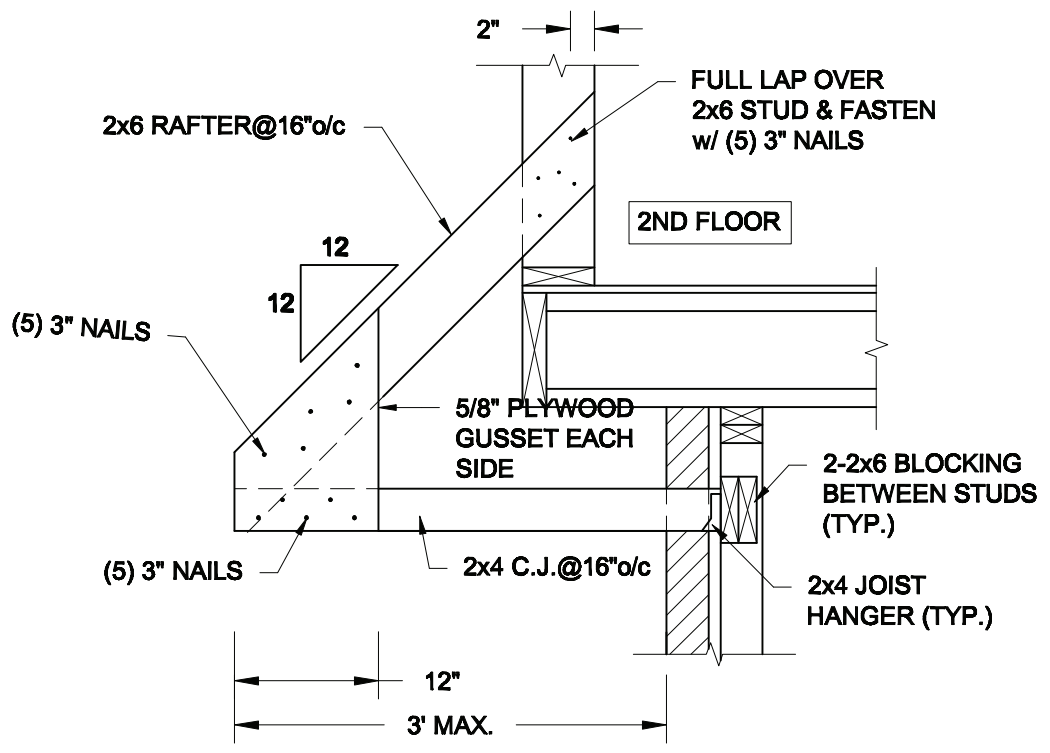


1C / S3 PLAN VIEW AT CORNER

SCALE: 1/2" = 1' - 0"

NOTES:

1. CONFORM TO THE ONTARIO BUILDING CODE, 2012.
2. CONCRETE TO HAVE A 28-DAY COMPRESSIVE STRENGTH OF 20 MPa.
3. REINFORCING STEEL TO BE GRADE 400.
4. LAP REINFORCING STEEL 24" AT SPLICES. PROVIDE 24"x24" L-SHAPE BARS AT ALL CORNERS - SEE DETAIL 1C/S3.
5. PROVIDE 3" COVER TO SOIL MINIMUM.
6. BACKFILL ASSUMED TO BE FREE-DRAINING MATERIAL AS PER PART 9 OF THE OBC.



2 / S3 CANOPY ROOF OVER GARAGE

SCALE: 3/4" = 1'-0"

Scale: AS NOTED	QUAILE ENGINEERING LTD. 38 Parkside Drive, UNIT 7 Newmarket, ON L3Y 8J9 T: 905-853-8547 E: quaile.eng@rogers.com	Engineer's Seal: S. J. BOYD 90214198 FEB 24, 2022	Project: BAYVIEW WELLINGTON HOMES - GREEN VALLEY ESTATES - SINGLES BRADFORD, ONTARIO
Date: FEB-24-2022			TYPICAL STRUCTURAL DETAILS
Drawn: SC / Checked: SJB			Project No.: 21-038 / Drawing No.: S3

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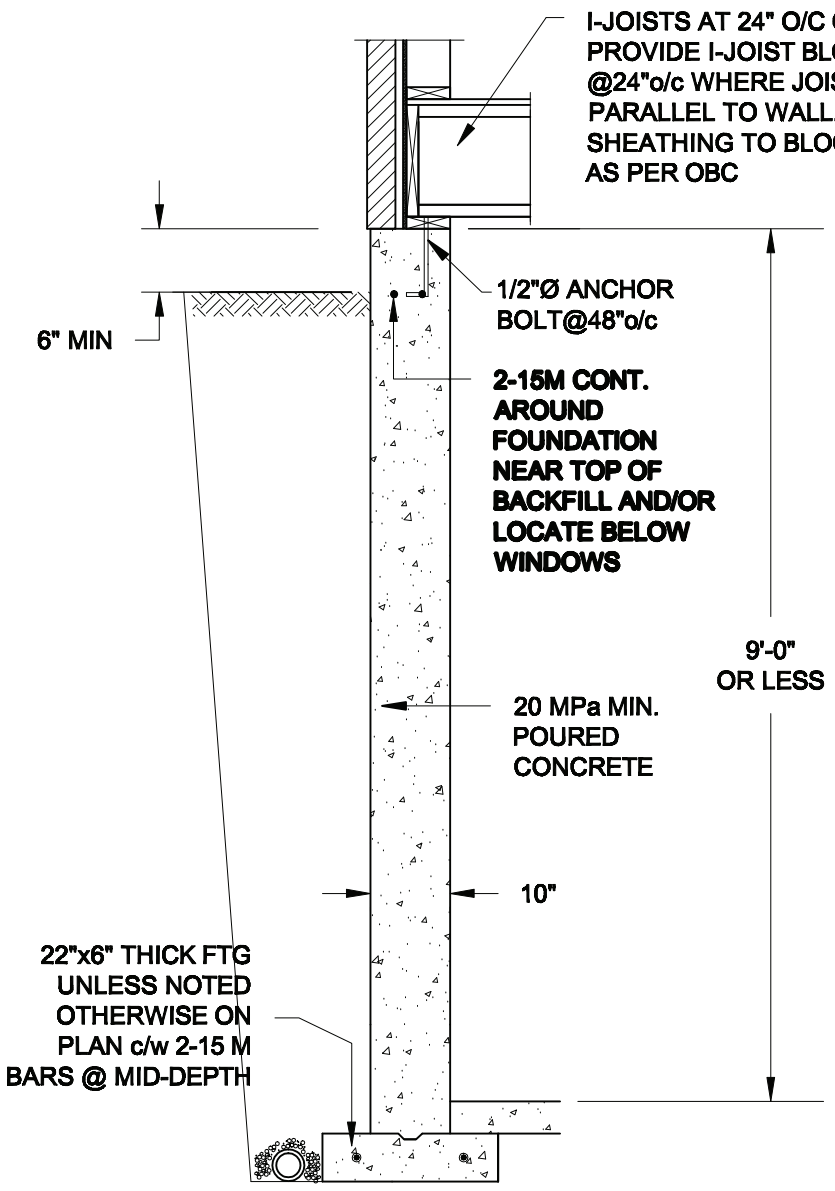
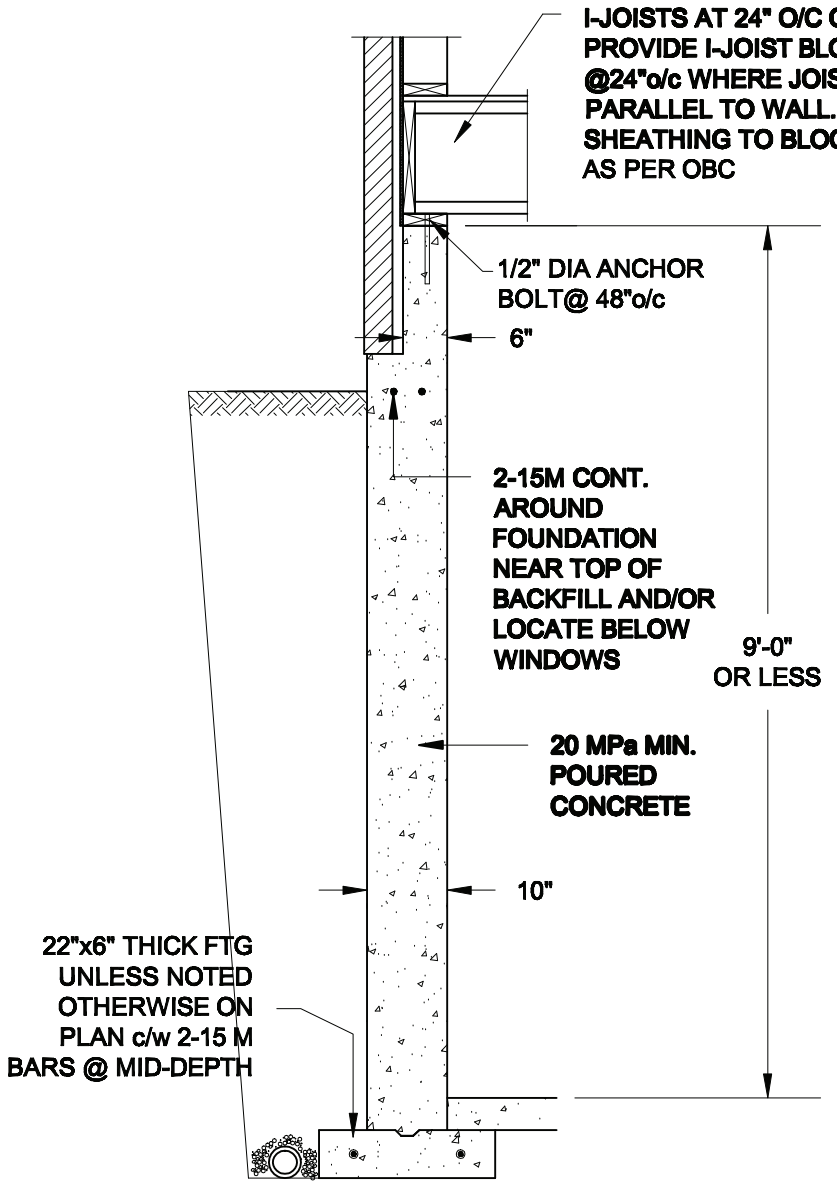
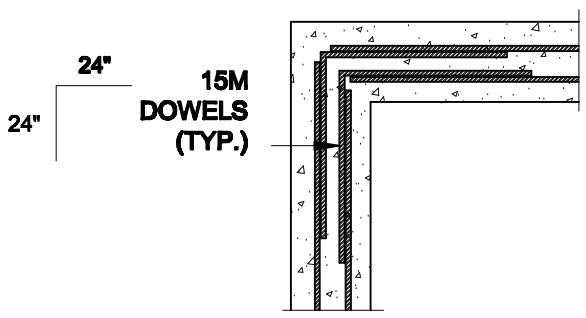


1A / S4 **FOUNDATION WALL**
SCALE: 1/2" = 1' - 0"



1B / S4 **DROPPED VENEER**
SCALE: 1/2" = 1' - 0"



1C / S4 **TYP. PLAN VIEW AT CORNER**
SCALE: 1/2" = 1' - 0"

NOTE:
AT ALL WINDOW OPENINGS, PROVIDE 2-15M VERTICALLY AT EACH SIDE + 2-15M HORIZONTALLY 2" BELOW & EXTEND 24" BEYOND OPENING

NOTES:

1. CONFORM TO THE ONTARIO BUILDING CODE, 2012.
2. CONCRETE TO HAVE A 28 DAY COMPRESSIVE STRENGTH OF 20 MPa.
3. REINFORCING STEEL TO BE GRADE 400.
4. LAP REINFORCING STEEL 24" AT SPLICES. PROVIDE 24"x24" L-SHAPE BARS AT ALL CORNERS - SEE DETAIL 1C/S4.
5. BACKFILL ASSUMED TO BE FREE-DRAINING MATERIAL AS PER PART 9 OF THE OBC.
6. FOUNDATION IS FOR A PART 9 RESIDENTIAL BUILDING.
7. DETAIL IS APPLICABLE TO SITE CLASSES A TO D ONLY AS GIVEN IN TABLE 4.1.8.4.A OF THE OBC (TO BE CONFIRMED BY GEOTECHNICAL ENGINEER).

Scale: AS NOTED	QUAILE ENGINEERING LTD.	**Engineer's Seal:** LICENSED PROFESSIONAL ENGINEER S. J. BOYD 90214198 PROVINCE OF ONTARIO	**Project:** BAYVIEW WELLINGTON HOMES - GREEN VALLEY ESTATES - SINGLES BRADFORD, ONTARIO	
Date: MAR-15-2021	38 Parkside Drive, UNIT 7 Newmarket, ON L3Y 8J9 T: 905-853-8547 E: qualle.eng@rogers.com	MAR 30, 2021	TYPICAL STRUCTURAL DETAILS	
Drawn: SC / **Checked:** SJB			**Project No.:** 21-038	**Drawing No.:** S4

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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 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.). ENSURE ALL OVERLAPPING ROOF SPACES ARE OPEN TO MAIN ROOF ATTIC SPACE FOR VENTING PURPOSES.

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, 38x140 (2"x6") STUDS @ 400mm (16") O.C., RSI 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") ABOVE FINISH GRADE. REFER TO OBC SB-12, CHAPTER 3 FOR ADDITIONAL THERMAL INSULATION REQUIREMENTS.

2A. RESERVED

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., 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.

3. **MASONRY VENEER CONSTRUCTION (2"x6")**(SB–12–TABLE 3.1.1.2.A)
90mm (4") MASONRY, 25mm (1") AIR SPACE, 22x180x0.76mm (7/8"x7"x0.03") GALV. METAL TIES @ 400mm (16") O.C. HORIZONTAL 600mm (24") O.C. VERTICAL. APPROVED SHEATHING PAPER, 9.5mm (3/8") EXT. TYPE SHEATHING, 38x140 (2"x6") STUDS @ 400mm (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.
MASONRY TO BE MIN. 150mm (6") ABOVE FINISH GRADE.

3A. RESERVED

3B. **MASONRY VENEER CONSTRUCTION (2"x4")– GARAGE WALLS**
90mm (4") MASONRY, 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.
MASONRY TO BE MIN. 150mm (6") ABOVE FINISH GRADE.

3C. **STUCCO WALL CONSTRUCTION (2"x6")** (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 3.87(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.

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 (2/2"x4") TOP PLATE. 13mm (1/2") INT. DRYWALL BOTH SIDES OF STUDS, PROVIDE 38x140 (2"x6") STUDS/PLATES WHERE NOTED.

5. **FOUNDATION WALL/FOOTINGS:**
250mm (10") POURED CONC. FDTN. WALL 20MPa (2900psi) 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 FDTN. WALL IS WATERPROOFED. MAXIMUM POUR HEIGHT 2820 (9'-3") ON 560x155 (22"x6") CONTINUOUS KEYED CONC. FTG. 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.

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 CAPACITY.

STRIP FOOTING SUPPORTING EXTERIOR WALLS (FOR W.O.B.)
-ASSUMING MASONRY VENEER CONSTRUCTION, MAX. FLOOR LIVE LOAD OF 2.4kPa. (50psf.) PER FLOOR, AND MAX. LENGTH OF SUPPORTED FLOOR JOISTS IS 4.9m (16'-1"). THE STRIP FOOTING SIZE IS AS FOLLOWS:
2 STOREY WITH WALK-OUT BASEMENT 545x175 (22"x7")

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 DAMPPROOFING BELOW SLAB. UNDER SLAB INSULATION PER SB-12. ALL SLAB JOINTS & PENETRATIONS TO BE CAULKED.

8. **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.

9. **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

10. **ALL STAIRS/EXTERIOR STAIRS –OBC. 9.8.– (PRIVATE STAIRS)**
UNIFORM RISE -5mm (1/4") MAX BETWEEN ADJACENT TREADS OR LANDINGS
-10mm (3/8") MAX BETWEEN TALLEST & SHORTEST RISE IN FLIGHT

MAX. RISE	= 200 (7-7/8")
MIN. RUN	= 255 (10") *(NOSING TO NOSING)*
♦ MAX. TREAD	= RUN + 25 (1")
MAX. NOSING	= 25 (1")
MIN. HEADROOM	= 1950 (6'-5")
RAIL @ LANDING	= 900 (2'-11")
RAIL @ STAIR	= 865 (2'-10") to 1070 (3'-6")
MIN. STAIR WIDTH	= 860 (2'-10")

FOR CURVED STAIRS (TAPERED TREADS)
MIN. RUN AT INNER RADIUS = 150 (6")
MIN. RUN AT 300 (12") = 255 (10")

HANDRAILS –OBC. 9.8.7.–
11. 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 .
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–12–3.1.1.7), 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.

14. **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.

15. **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 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(.188) 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(.188) NON-ADJUSTABLE STL. COL. TO BE ON 150x150x9.5 (6"x6"x3/8") STEEL TOP PLATE, & BOTTOM PLATE. BASE PLATE 120x250x12.5 (4 1/2"x10"x1/2") WITH 2-12mm DIA. x 300mm LONG x50mm HOOK ANCHORS (2-1/2"x12"x2") FIELD WELD COL. TO BASE PLATE.

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 WITH COMPACTED SUB-BASE OR COMPACTED NATIVE FILL.
SLOPE TO FRONT.

19. **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.

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

23. **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.

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.
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 9.17.4.2(2).

28. RESERVED

29. **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.

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) 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.

32. **DIRECT VENTING GAS FURNACE/ H.W.T VENT**
DIRECT VENT FURNACE TERMINAL MIN. 900mm (36") FROM A NATURAL 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. ALL AIR INTAKES SHALL BE LOCATED SO THAT THEY ARE SEPARATED FROM KITCHEN EXHAUST BY 3.0M IN COMPLIANCE WITH O.B.C. DIV.-B TABLE 6.2.3.12..

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.*). 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 19x64 (1"x3") @ 2100mm (6'-11") O.C. UNLESS A PANEL TYPE CEILING FINISH IS APPLIED. (* SEE OBC 9.23.9.4. *)

LICENSED PROFESSIONAL ENGINEER
S. J. BOYD
90214198
PROVINCE OF ONTARIO
FEB 28, 2022

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. **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 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.

GENERAL NOTES

WINDOWS:
1) MINIMUM BEDROOM WINDOW –OBC. 9.9.10.1.–
AT LEAST ONE BEDROOM WINDOW ON A GIVEN FLOOR IS TO HAVE MIN. 0.35m2 UNOBSTRUCTED GLAZED OR OPENABLE AREA WITH MIN. CLEAR WIDTH OF 380 mm (1'-3").
2) WINDOW GUARDS –OBC. 9.8.8.1.(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")
3) EXTERIOR WINDOWS
SHALL COMPLY WITH OBC DIV.-B 9.7.3. & SB12-3.1.1.9
4) GLASS–STRUCTURAL SUFFICIENCY OF GLASS
DOOR & WINDOW MANUFACTURER/ SUPPLIER TO PROVIDE ADEQUATE INFORMATION TO DEMONSTRATE COMPLIANCE WITH OBC DIV.-B 9.6.1.3.

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.
3) ALL WINDOW WELLS TO DRAIN TO FOOTING LEVEL PER OBC 9.14.6.3. CHECK WITH THE LOCAL AUTHORITY.
4) 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. REFER TO OBC. DIV. B- 9.5.2.3 & DETAIL PROVIDED.
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.
7) ALL OUTDOOR AIR INTAKES SHALL BE LOCATED SO THAT THEY ARE SEPARATED FROM SOURCES OF CONTAMINATION (EXHAUST VENTS) IN COMPLIANCE WITH O.B.C. DIV.-B 6.2.3.12. AND TABLE 6.2.3.12.

LUMBER:
1) ALL LUMBER SHALL BE SPRUCE NO.2 GRADE, UNLESS NOTED OTHERWISE.
2) STUDS SHALL BE STUD GRADE SPRUCE, UNLESS NOTED OTHERWISE.
3) LUMBER EXPOSED TO THE EXTERIOR TO BE SPRUCE No.2 GRADE PRESSURE TREATED OR CEDAR, UNLESS NOTED OTHERWISE.
4) ALL LAMINATED VENEER LUMBER (L.V.L.) BEAMS, GIRDER TRUSSES, AND METAL HANGER CONNECTIONS SUPPORTING ROOF FRAMING TO BE DESIGNED & CERTIFIED BY TRUSS MANUFACTURER.
5) 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 @ 915mm (3'-0") O.C.
6) PROVIDE FACE MOUNT BEAM HANGERS TYPE "SCL" MANUFACTURED BY SIMPSON STRONG-TIE OR EQUAL FOR ALL LVL BEAM TO BEAM CONNECTIONS UNLESS OTHERWISE NOTED. REFER TO ENG. FLOOR LAYOUTS.
7) JOIST HANGERS: PROVIDE METAL HANGERS FOR ALL JOISTS AND BUILT-UP WOOD MEMBERS INTERSECTING FLUSH BUILT-UP WOOD MEMBERS.
8) WOOD FRAMING NOT TREATED WITH A WOOD PRESERVATIVE, IN CONTACT WITH CONCRETE, SHALL BE SEPARATED FROM THE CONCRETE BY AT LEAST 2 mil. POLYETHYLENE FILM, No. 50 (45lbs.) ROLL ROOFING OR OTHER DAMPPROOFING MATERIAL, EXCEPT WHERE THE WOOD MEMBER IS AT LEAST 150mm (6") ABOVE THE GROUND.

STEEL:
1) STRUCTURAL STEEL SHALL CONFORM TO CAN/CSA-G40-21 GRADE 350W. HOLLOW STRUCTURAL SECTIONS SHALL CONFORM TO CSA-G40.21 GRADE 350W CLASS 'H' "STRUCTURAL QUALITY STEEL". OBC. B-9.23.4.3.
2) REINFORCING STEEL SHALL CONFORM TO CSA-G30-18M GRADE 400R.

STUCCO:
1) 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.

LEGEND

CLASS 'B' VENT
EXHAUST FAN TO EXTERIOR
DUPLEX OUTLET (12" ABOVE SURFACE)
42" DUPLEX OUTLET (HEIGHT A.F.F)
WP WEATHERPROOF DUPLEX OUTLET
42" GFI GFI DUPLEX OUTLET (HEIGHT A.F.F)
PL POT LIGHT
HEAVY DUTY OUTLET (220 volt)
PC LIGHT FIXTURE (PULL CHAIN)
LIGHT FIXTURE (CEILING MOUNTED)
SWITCH
LIGHT FIXTURE (WALL MOUNTED)
FD FLOOR DRAIN
HB HOSE BIB (NON–FREEZE)
SJ SINGLE JOIST
DJ DOUBLE JOIST
TJ TRIPLE JOIST
P.T. PRESSURE TREATED LUMBER
G.T. GIRDER TRUSS BY ROOF TRUSS MANUF.
LVL LAMINATED VENEER LUMBER
SA
PL POINT LOAD FROM ABOVE
F.A. FLAT ARCH
C.A. CURVED ARCH
M.C. MEDICINE CABINET (RECESSED)
CMA
DOUBLE VOLUME WALL. SEE NOTE 39
CONCRETE BLOCK WALL
SB 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.
SBFA SOLID WOOD BEARING TO MATCH FROM ABOVE

SOIL GAS/ RADON CONTROL (OBC 9.1.1.7. & 9.13.4.)
PROVIDE CONSTRUCTION TO PREVENT LEAKAGE OF SOIL GAS INTO THE BUILDING IF REQUIRED.

CONTRACTOR 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 BUILDING PERMIT HAS BEEN ISSUED.

39. **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 PARTY WALL.
REFER TO DETAILS FOR TYPE AND SPECIFICATIONS.

41. **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 REQUIRED.

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.

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.

♦ UPDATED — ONT. REG. 332/12–2012 OBC
Amendment O. Reg. 88/19
Includes amendments effective Jan. 1, 2022

WOOD LINTELS AND BUILT–UP WOOD BEAMS

L1	2/38 x 184 (2/2" x 8") SPR.#2
B1	3/38 x 184 (3/2" x 8") SPR.#2
B2	4/38 x 184 (4/2" x 8") SPR.#2
B7	5/38 x 184 (5/2" x 8") SPR.#2
L3	2/38 x 235 (2/2" x 10") SPR.#2
B3	3/38 x 235 (3/2" x 10") SPR.#2
B4	4/38 x 235 (4/2" x 10") SPR.#2
L5	2/38 x 286 (2/2" x 12") SPR.#2
B5	3/38 x 286 (3/2" x 12") SPR.#2
B6	4/38 x 286 (4/2" x 12") SPR.#2

LOOSE STEEL LINTELS

L7	89 x 89 x 6.4L (3–1/2" x 3–1/2" x 1/4"L)
L8	89 x 89 x 7.9L (3–1/2" x 3–1/2" x 5/16"L)
L9	102 x 89 x 7.9L (4" x 3–1/2" x 5/16"L)
L10	127 x 89 x 7.9L (5" x 3–1/2" x 5/16"L)
L11	152 x 89 x 10.0L (6" x 3–1/2" x 3/8"L)
L12	152 x 102 x 11.0L (6"x 4" x 7/16"L)
L13	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)
LVL8	4–1 3/4"x11 7/8" (4–45x300)

DOOR SCHEDULE

1	EXTERIOR DOOR	2'–8" WIDE INSULATED MIN. RSI 0.7 (R4)
1A	EXTERIOR DOOR	2'–10" WIDE INSULATED MIN. RSI 0.7 (R4)
1B	EXTERIOR DOOR	3'–0" WIDE INSULATED MIN. RSI 0.7 (R4)
1C	EXTERIOR DOOR	3'–2" WIDE INSULATED MIN. RSI 0.7 (R4)
2A	EXTERIOR DOOR	2'–8" wide 20 MIN. RATED DOOR AND FRAME, WITH APPROVED SELF CLOSING DEVICE. INSULATED MIN. RSI 0.7 (R4)
2.	INTERIOR DOOR	2'–8" WIDE
2B	INTERIOR DOOR (COLD CELLAR)	2'–8" WIDE (WEATHERSTRIPPING INSTALLED)
2C	INTERIOR DOOR	3'–0" WIDE
3.	INTERIOR DOOR	2'–6" WIDE
3A	INTERIOR DOOR	2'–4" WIDE
4.	INTERIOR DOOR	2'–0" WIDE
4A	INTERIOR DOOR	2'–2" WIDE
5.	INTERIOR DOOR	1'–6" WIDE

REFER TO ARCHITECTURAL DRAWINGS FOR DOOR HEIGHTS ♦

MECHANICAL SYMBOLS

HP HEAT PIPE
WA WARM AIR
PL PLUMBING (TOILET)
RA RETURN AIR DUCT
PL 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 (9.10.19.3.(3)).

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 PERMANENTLY 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.

SOIL GAS/ RADON CONTROL (OBC 9.1.1.7. & 9.13.4.)
PROVIDE CONSTRUCTION TO PREVENT LEAKAGE OF SOIL GAS INTO THE BUILDING IF REQUIRED.

REFER TO UNIT DRAWINGS OR PAGE CN–2 FOR SB–12 COMPLIANCE PACKAGE A1 TO BE USED FOR THIS MODEL.
The minimum thermal performance of building envelope and equipment shall conform to the selected package unless otherwise noted.

2022 **A1**
VA3 REFERENCE NUMBER

no.	description	date	by
9	.	.	.
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7	.	.	.
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5	.	.	.
4	UPDATE TO 2022	JAN 11–22	RC
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qualification information
Wellington Jno–Baptiste [signature] 25591
name signature BCIN
registration information
VA3 Design Inc. 42658

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BAYVIEW WELLINGTON

CONST NOTE

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municipality: BRADFORD
project no.: 16023
date: MAY 2016
CONSTRUCTION NOTES
drawn by: RC
checked by: –
scale: 3/16" = 1'–0"
file name: 16023–CN–2022–A1
drawing no.: CN1

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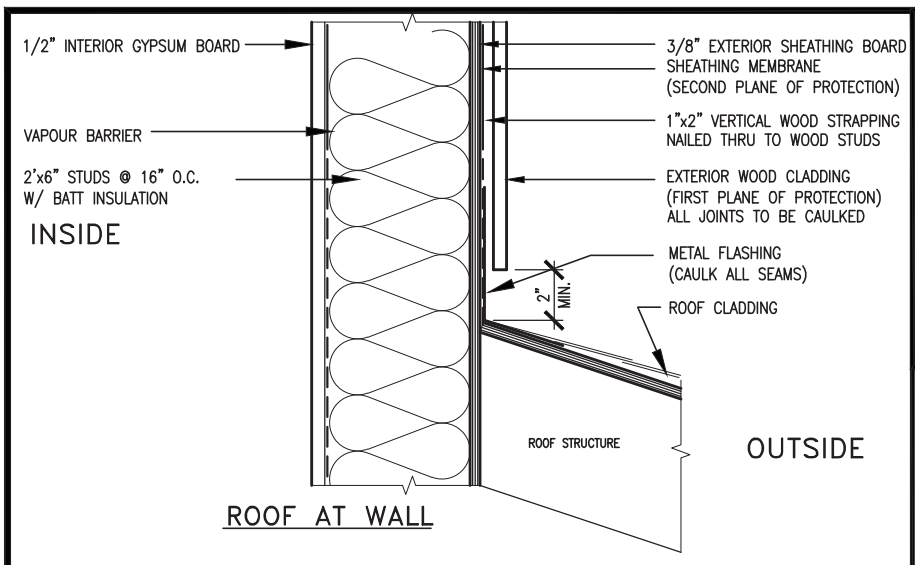


ROOF AT WALL

MAX. HEIGHT FOR 2"x4" GARAGE WALL IS AS FOLLOW:

2"x4" @ 16" O.C. – 9–10"
2–2"x4" @ 12" O.C. – 10'–9"
3–2"x4" @ 16" O.C. – 11'–2"
3–2"x4" @ 12" O.C. – 12'–4"

NOTES:

1. FOR ROOF DESIGN SNOW LOAD OF UP TO 2.5 KPa. SUPPORTED ROOF TRUSS LENGTH OF 6.0m AND FLOOR JOIST LENGTH OF 2.5m OF ONE FLOOR.
2. PROVIDE HORIZONTAL SOLID BLOCKING @ 1200 O.C. (4'–0")
3. PROVIDE A MINIMUN OF 9.5mm (3/8") PLYWOOD OR OSB EXTERIOR SHEATHING ON THE EXTERIOR FACE.
4. FOR A 1/50 YEAR REFERENCE WIND PRESSURE OF 0.6 KPa.
5. STUDS GREATER THAN 9'–10" HIGH TO BE No. 2 SPF
6. 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"
2–2"x6" @ 16" O.C. – 15'–0"
2–2"x6" @ 12" O.C. – 17'–4"

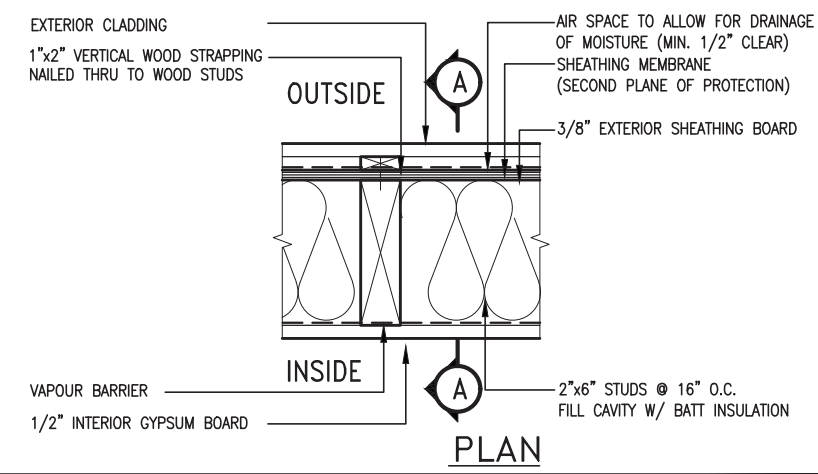
MAX. HEIGHT FOR 2"x8" EXTERIOR WALL IS AS FOLLOWS:

2"x8" @ 16" O.C. – 16'–0"
2"x8" @ 12" O.C. – 17'–9"
2–2"x8" @ 16" O.C. – 20'–4"
2–2"x8" @ 12" O.C. – 22'–4"

NOTES:

1. FOR ROOF DESIGN SNOW LOAD OF UP TO 2.5 KPa
2. SUPPORTED ROOF TRUSS LENGTH OF 6.0m ONLY.
3. PROVIDE HORIZONTAL SOLID BLOCKING @ 1200 O.C. (4'–0")
4. 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.
5. WALL FRAMING SHALL CONFORM TO OBC 9.23.10.1.(2)
6. FOR A 1/50 YEAR REFERENCE WIND PRESSURE OF 0.6 KPa
7. STUDS GREATER THAN 9'–10" HIGH TO BE No. 2 SPF.
8. STUD SPECIFICATION IS SUITABLE FOR BRICK VENEER OR SIDING.

** STUD INFORMATION TAKEN FROM OBC TABLE A–30

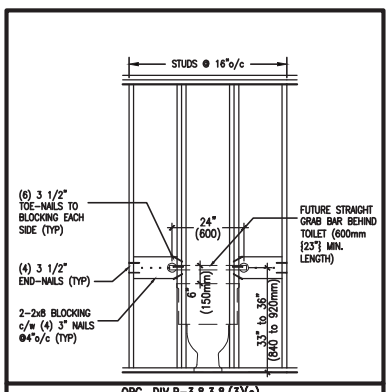


PLAN

EXTERIOR WOOD CLADDING WALL ASSEMBLY

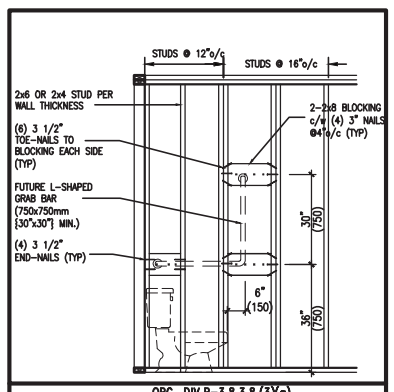
STUD WALL REINFORCEMENT FOR FUTURE GRAB BARS IN MAIN BATHROOM

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



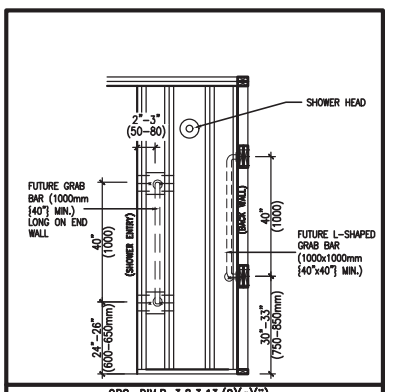
OBC. DIV.B–3.8.3.8.(3)(c)

QGB1 FUTURE GRAB BAR @ TOILET (BACK WALL)



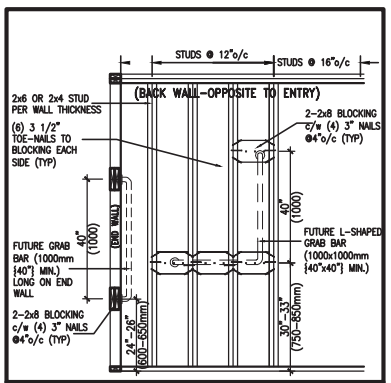
OBC. DIV.B–3.8.3.8.(3)(a)

QGB1A FUTURE L–SHAPE GRAB BAR DETAIL @ TOILET (*ONLY IF SIDE WALL PRESENT)



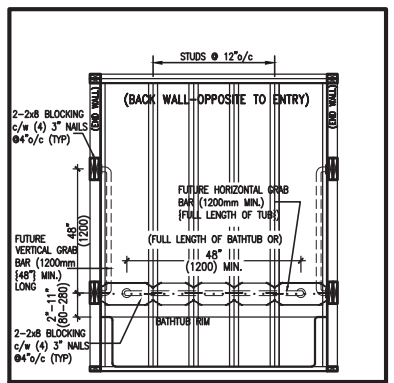
OBC. DIV.B–3.8.3.13.(2)(g)(ii)

QGB2 FUTURE GRAB BAR IN SHOWER (VERTICAL BAR LOCATED @ EACH END WALL)



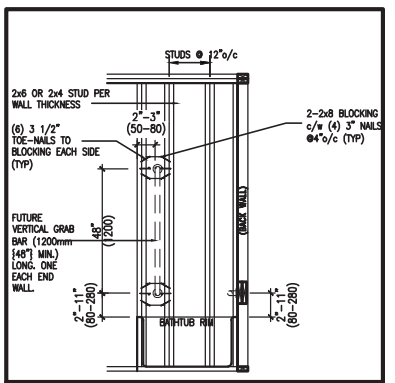
OBC. DIV.B–3.8.3.13.(2)(g)(iii)

QGB2A FUTURE L–SHAPE GRAB BAR DETAIL @ SHOWER (BACK WALL)



OBC. DIV.B–3.8.3.13.(4)(e)

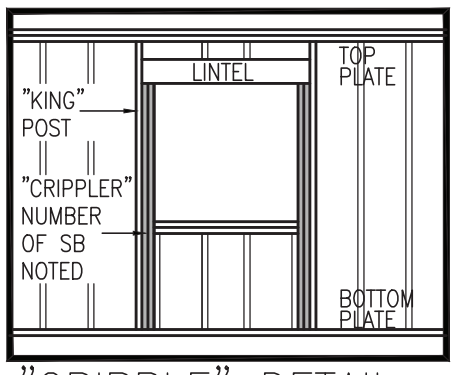
QGB3 FUTURE GRAB BAR IN BATHTUB (SIDE VIEW)



OBC. DIV.B–3.8.3.13.(4)(e)

QGB3A FUTURE GRAB BAR IN BATHTUB (VERTICAL BAR LOCATED @ EACH END WALL)

2020–QUAILE–GB–DETAIL.dwg



"CRIPPLE" DETAIL

JAN 26, 2022

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name — BCIN
registration information
VA3 Design Inc. — 42658

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BAYVIEW WELLINGTON

CONST NOTE
–

project name: GREEN VALLEY EAST
municipality: BRADFORD
project no.: 16023

date: MAY 2016
CONSTRUCTION NOTES
drawing no.: CN2

drawn by: RC
checked by: –
scale: 3/16" = 1'–0"
file name: 16023–CN–2022–A1

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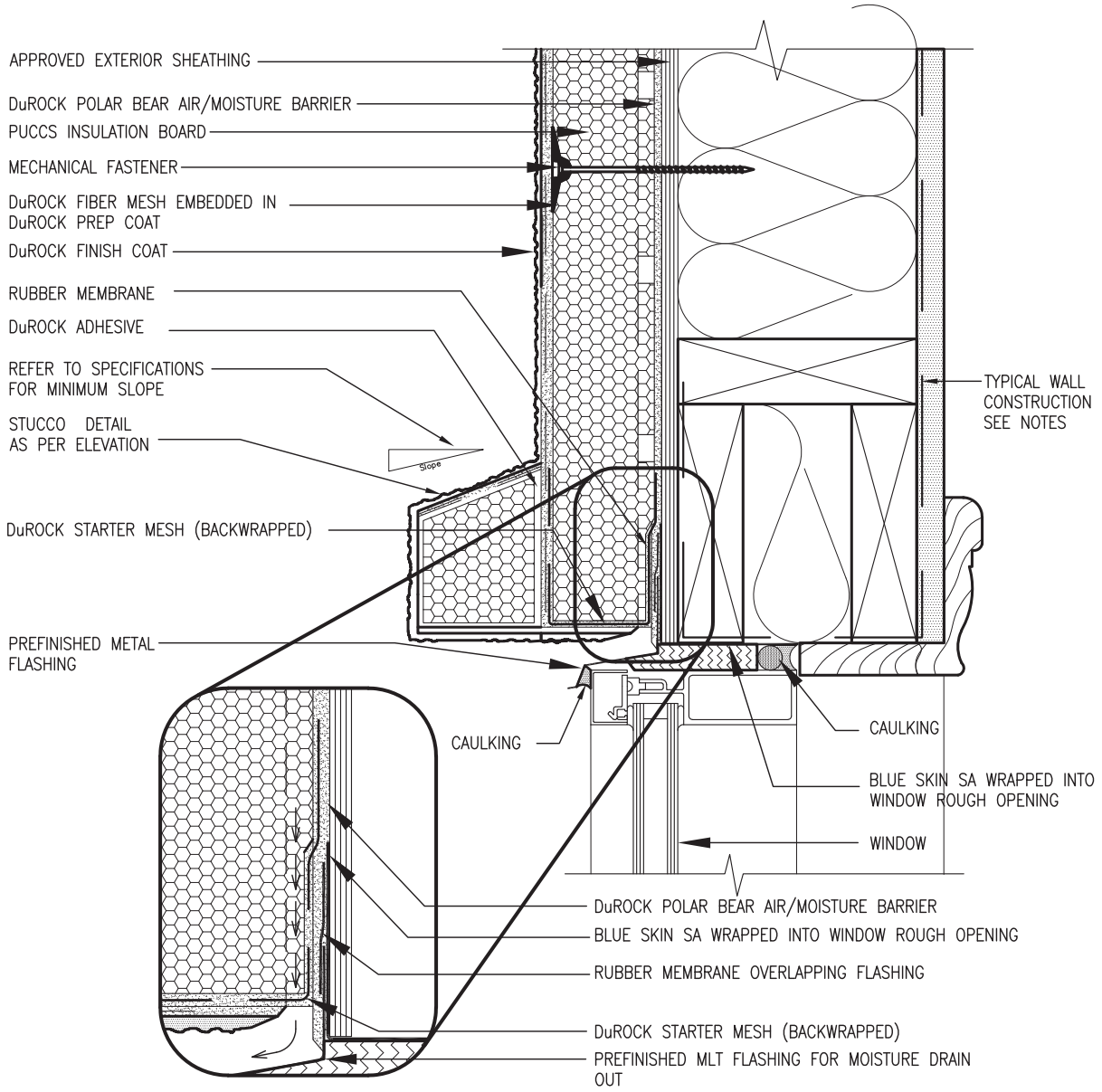

1 / CN3 WINDOW HEADER

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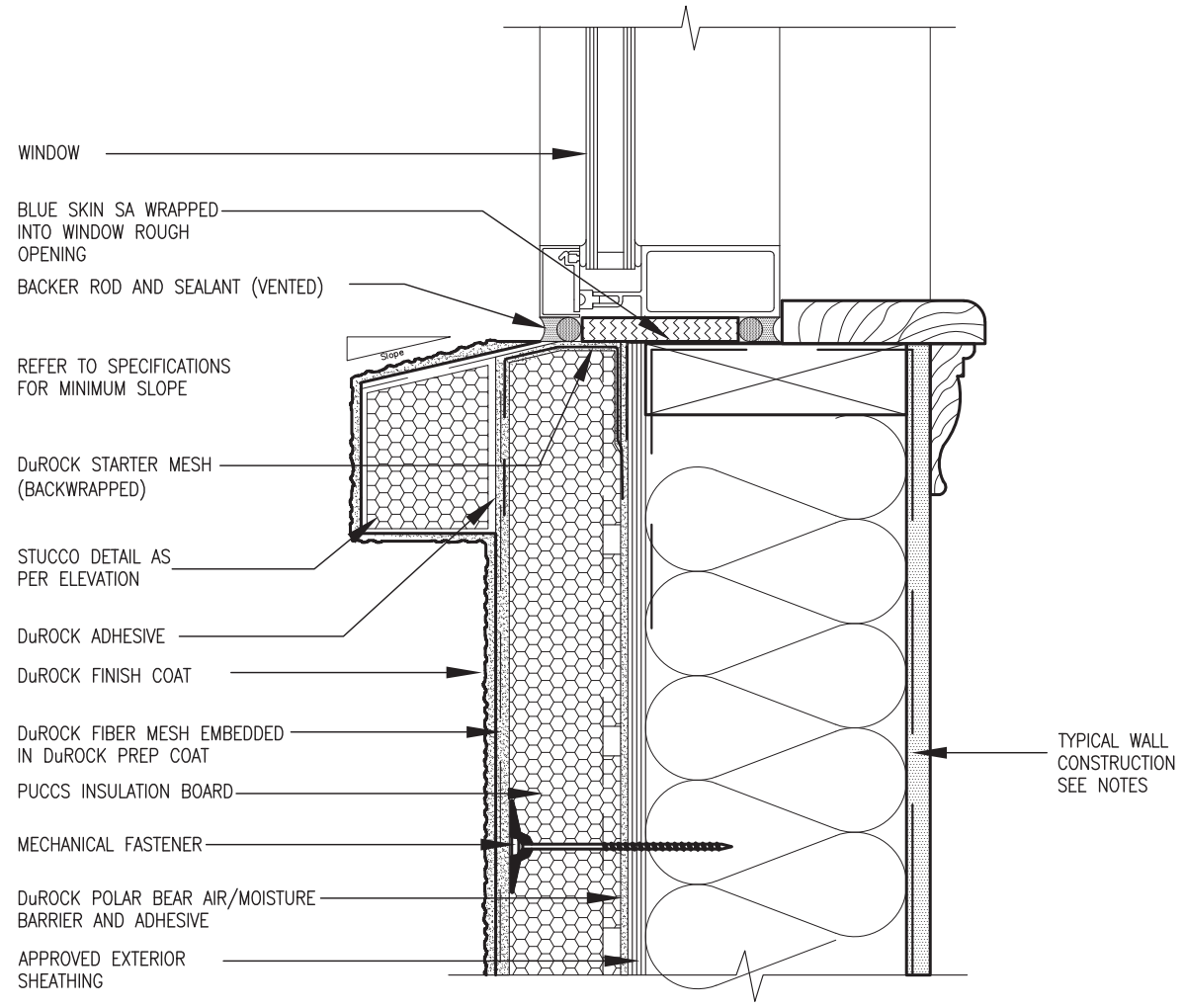

2 / CN3 WINDOW SILL

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

CONST - NOTE

project no. 16023

BAYVIEW WELLINGTON

municipality BRADFORD

project name GREEN VALLEY EAST

CONSTRUCTION NOTES

drawing no. CN3

date MAY 2016 | checked by - | scale 3/16" = 1'-0" | file name 16023-CN-2022-A1

drawn by RC

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registration information — VA3 Design Inc. — 42658

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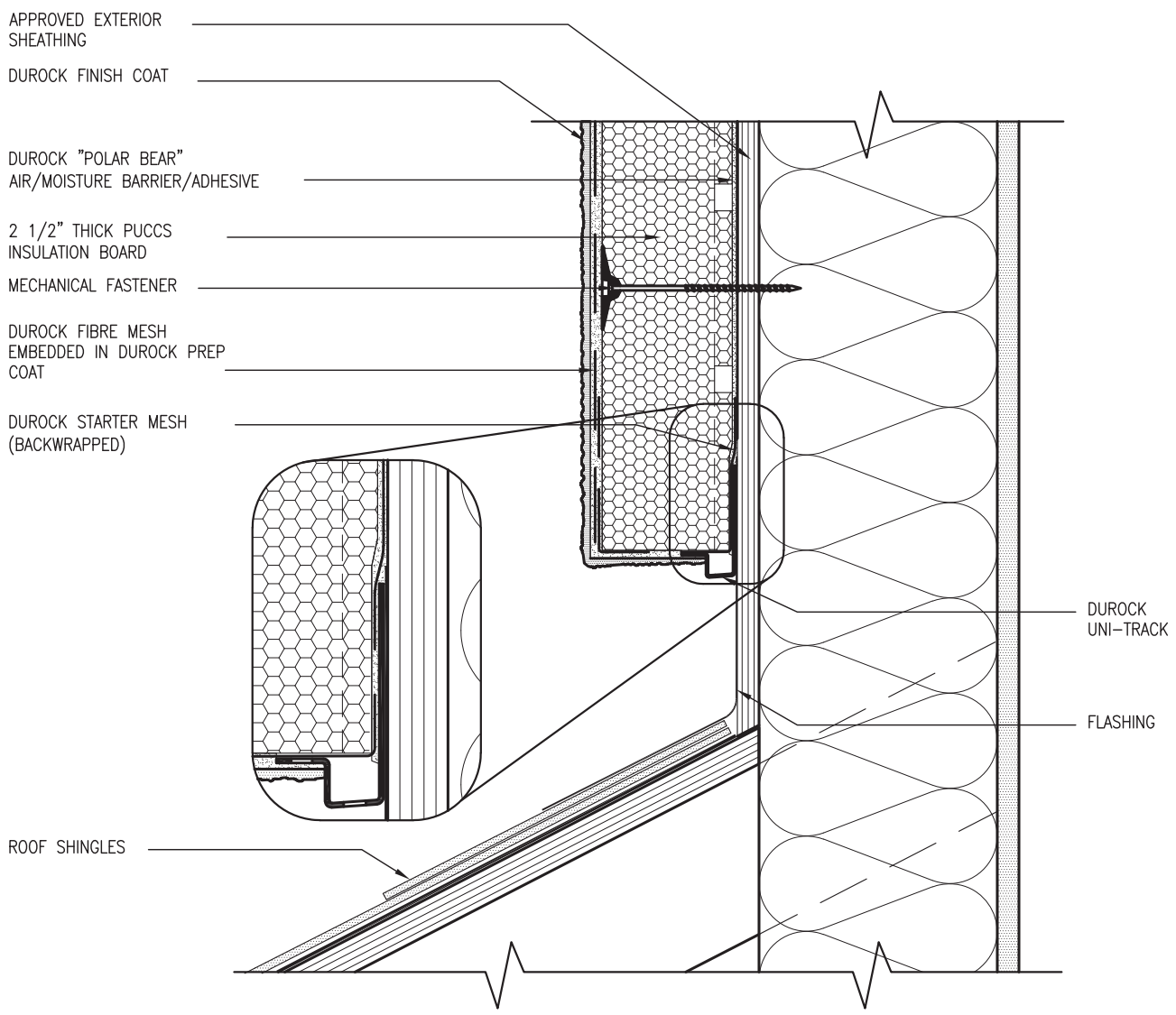
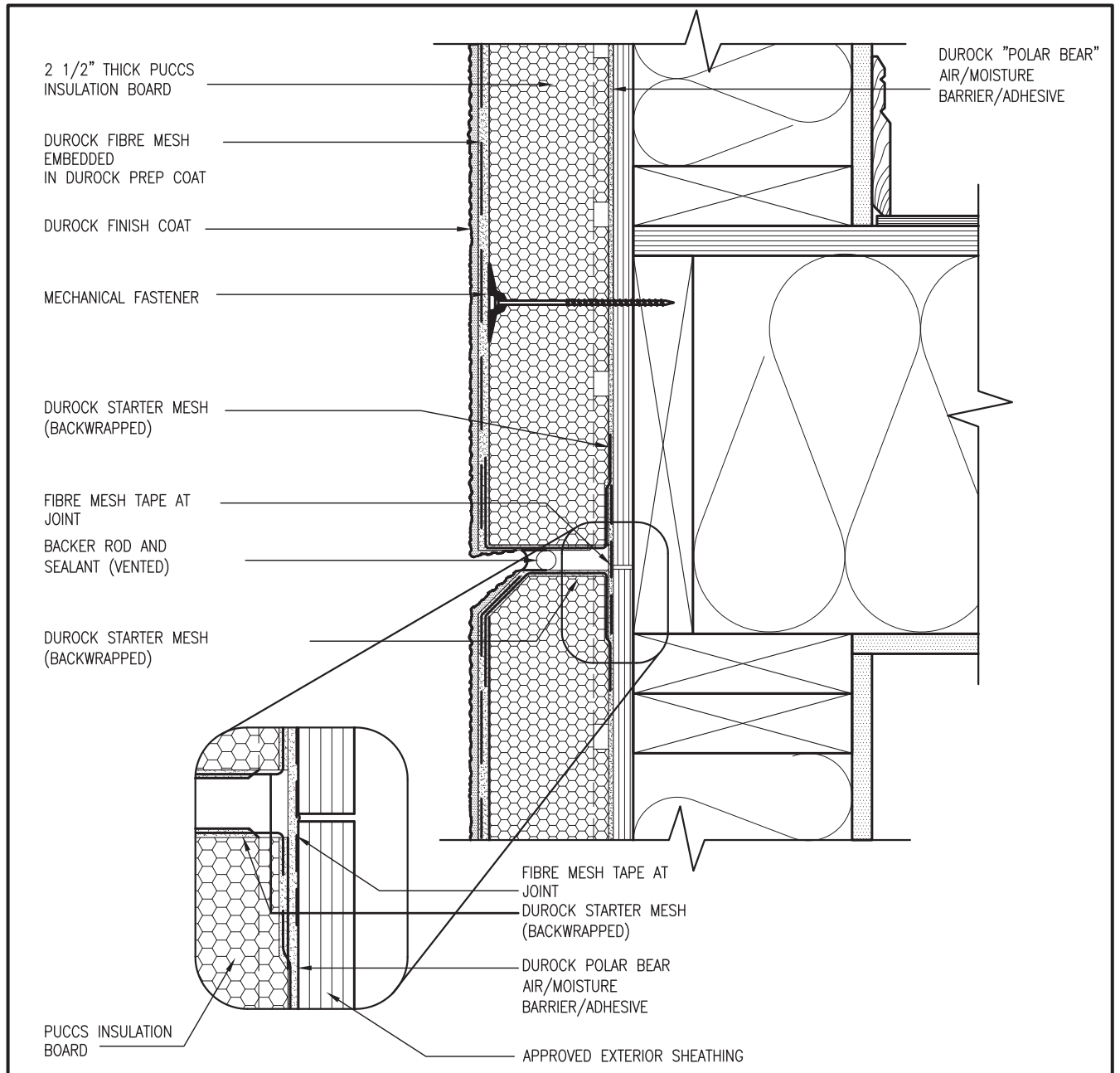


3 / CN4 STUCCO TERMINATION @ ROOF

SCALE: 3"=1'-0"



4 / CN4 HORIZONTAL EXPANSION JOINT

SCALE: 3"=1'-0"

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CONST NOTE -

BAYVIEW WELLINGTON

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municipality: BRADFORD
project no.: 16023

CONSTRUCTION NOTES

drawing no.: CN4

date: MAY 2016
drawn by: RC
checked by: -
scale: 3/16" = 1'-0"
file name: 16023-CN-2022-A1

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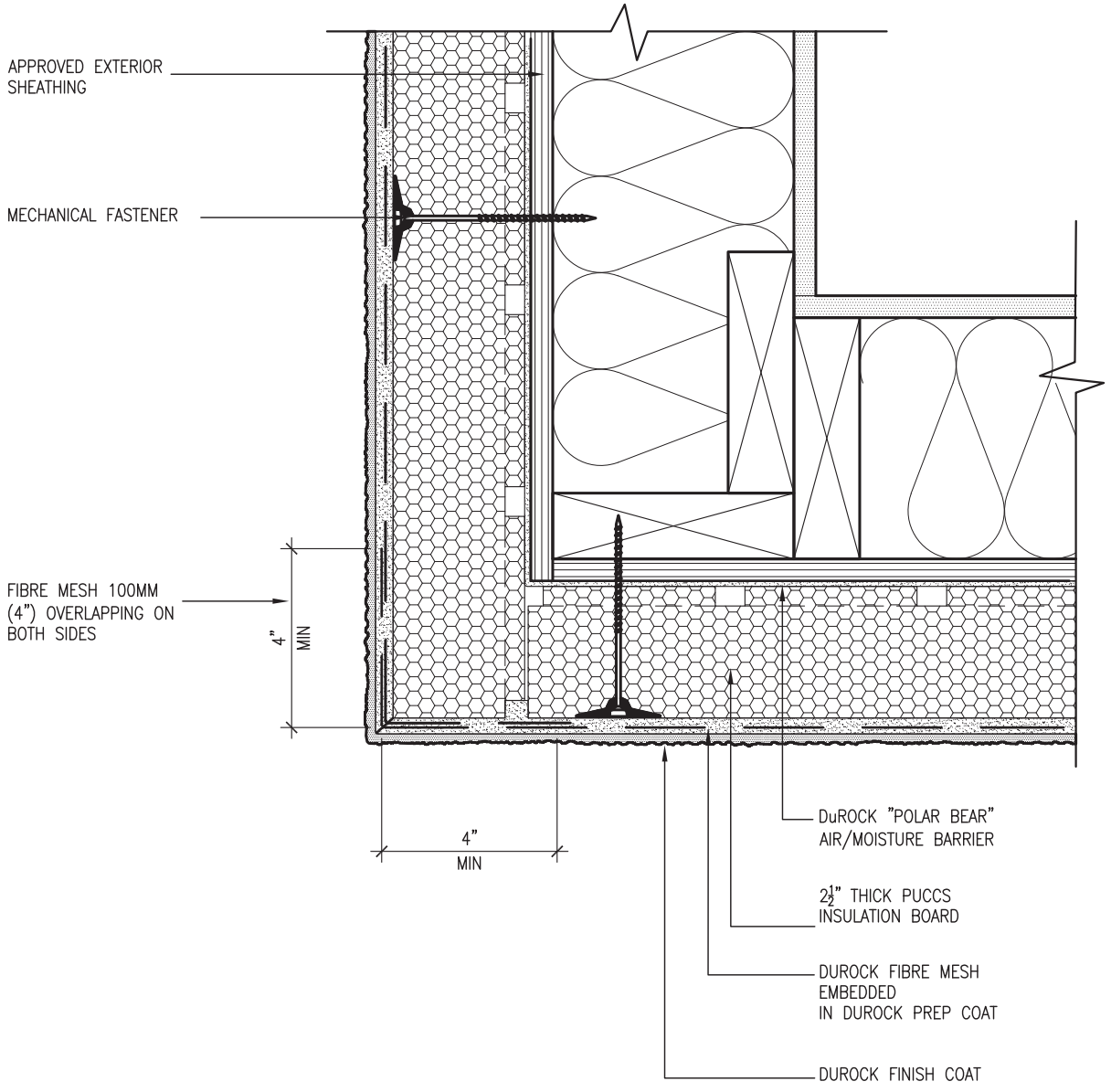

5 / CN5 CORNER DETAIL

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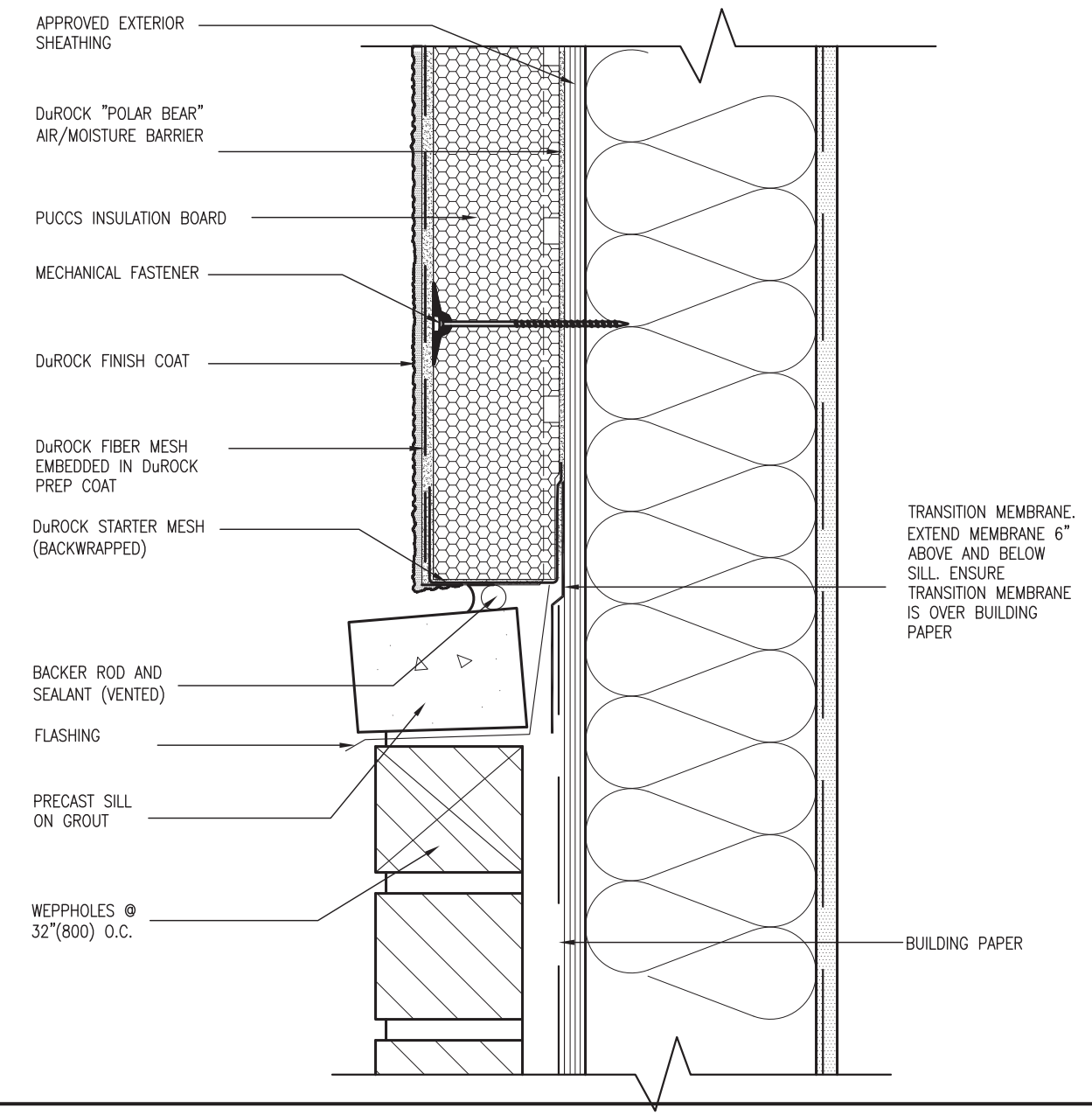

6 / CN5 STUCCO / MASONRY PLINTH CONNECTION

SCALE: 3"=1'-0"

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project name GREEN VALLEY EAST

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drawing no. CN5

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drawn by RC

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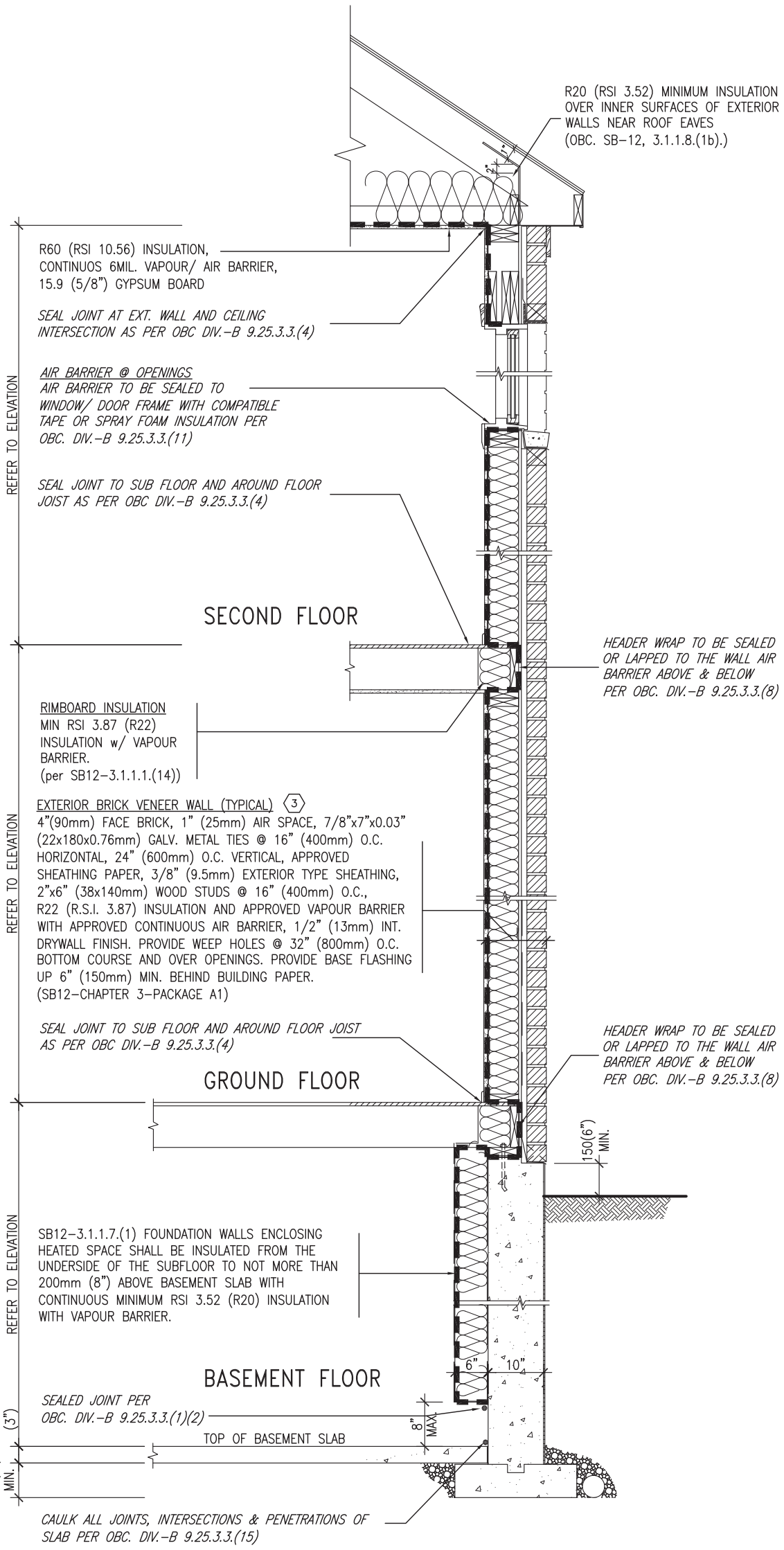
SB12–COMPLIANCE PACKAGE 'A1'



INSULATION REQUIREMENTS
REFER TO OBC SB–12, CHAPTER 3.
ZONE 1– COMPLIANCE PACKAGE A1.

AIR BARRIER SYSTEMS
AIR BARRIER TO BE INSTALLED IN CONFORMANCE WITH OBC. DIV. B–9.25.3

REFER TO ADDITIONAL DETAILS FOR STRUCTURAL COMPONENTS

EW TYPICAL EXT. WALL AIR BARRIER CONTINUITY SECTION w/ BRICK VENEER (PACKAGE A1) 10" FOUNDATION WALL

SCALE: N.T.S.

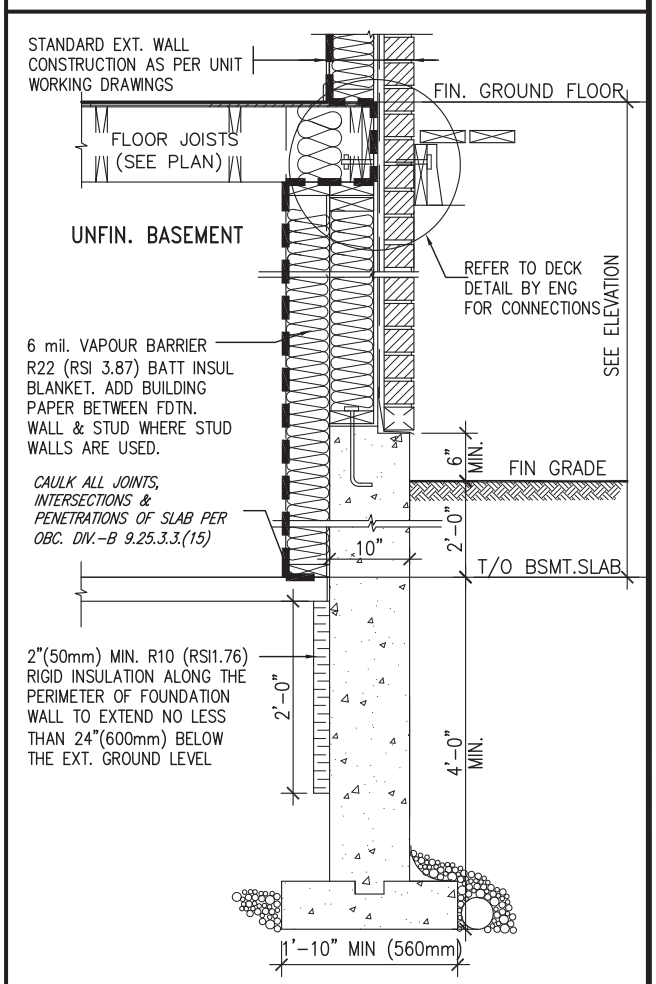
THE MINIMAL THERMAL PERFORMANCE OF BUILDING ENVELOPE AND EQUIPMENT SHALL CONFORM TO THE FOLLOWING SB–12 COMPLIANCE PACKAGE AS PER OBC SUPPLEMENTARY STANDARD SB–12, SECTION 3.1.1.1.

USE SB–12 COMPLIANCE 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)	Minimum 1 OR Maximum 2 Required. Dependent on number of showers installed. Refer to SB12–3.1.1.12 for information	

ci– Denotes Continuous Insulation without framing interruption.

LICENSED PROFESSIONAL ENGINEER
S. J. BOYD
PROVINCE OF ONTARIO
JAN 26, 2022



✳ REVISED–FEB 2017

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

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BAYVIEW WELLINGTON

CONST NOTE –

project name: GREEN VALLEY EAST
municipality: BRADFORD
project no.: 16023
date: MAY 2016
CONSTRUCTION NOTES
drawing no.: CN6
drawn by: RC
checked by: –
scale: 3/16" = 1'–0"
file name: 16023–CN–2022–A1

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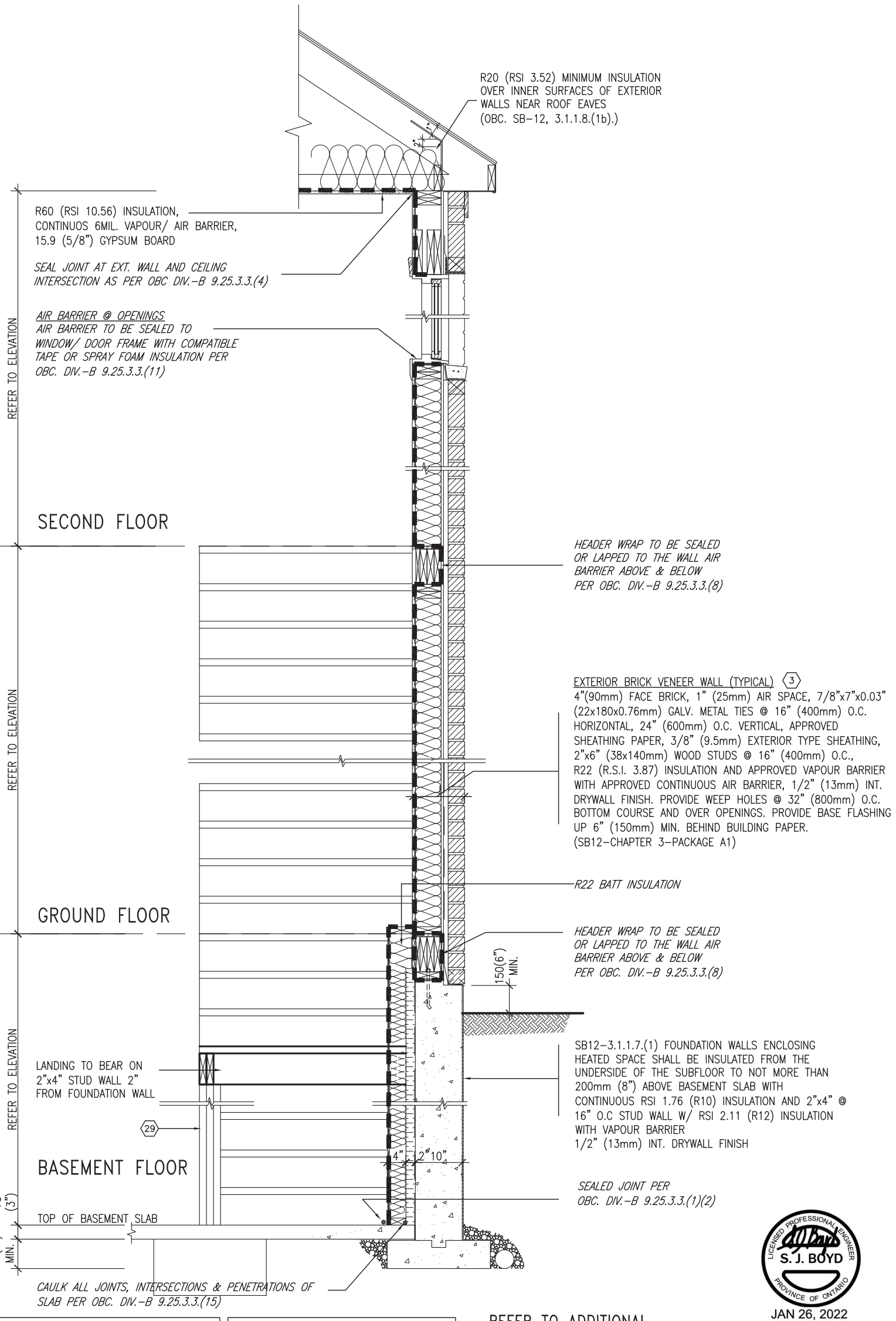
SB12-COMPLIANCE PACKAGE 'A1'



LICENSED PROFESSIONAL ENGINEER
S. J. BOYD
PROVINCE OF ONTARIO
JAN 26, 2022

INSULATION REQUIREMENTS
REFER TO OBC SB-12, CHAPTER 3. ZONE 1- COMPLIANCE PACKAGE A1.

AIR BARRIER SYSTEMS
AIR BARRIER TO BE INSTALLED IN CONFORMANCE WITH OBC. DIV. B-9.25.3

REFER TO ADDITIONAL DETAILS FOR STRUCTURAL COMPONENTS

EW / STR

TYPICAL EXT. WALL AIR BARRIER CONTINUITY SECTION w/ BRICK VENEER AT STAIR AND SUNKEN COND (PACKAGE A1) 10" FOUNDATION WALL

SCALE: N.T.S.

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4	UPDATE TO 2022	JAN 11-22	RC
3	UPDATE TO 2020	FEB 24-20	RC
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1	ISSUE FOR CLIENT REVIEW	AUG 04-17	RC

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qualification information
Wellington Jno-Baptiste — signature — 25591 BCIN
registration information
VA3 Design Inc. 42658

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BAYVIEW WELLINGTON

CONST NOTE -

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municipality: BRADFORD
project no.: 16023
date: MAY 2016
CONSTRUCTION NOTES
drawing no.: CN7
drawn by: RC
checked by: -
scale: 3/16" = 1'-0"
file name: 16023-CN-2022-A1
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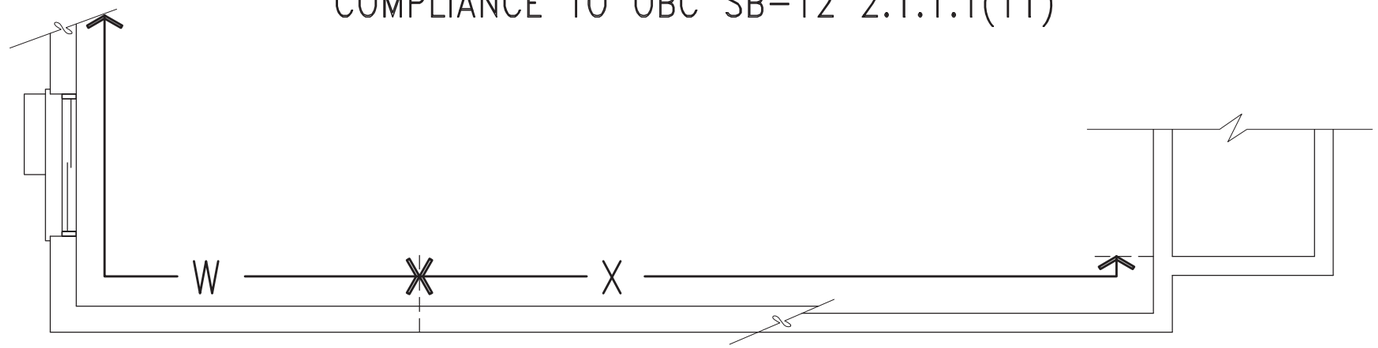
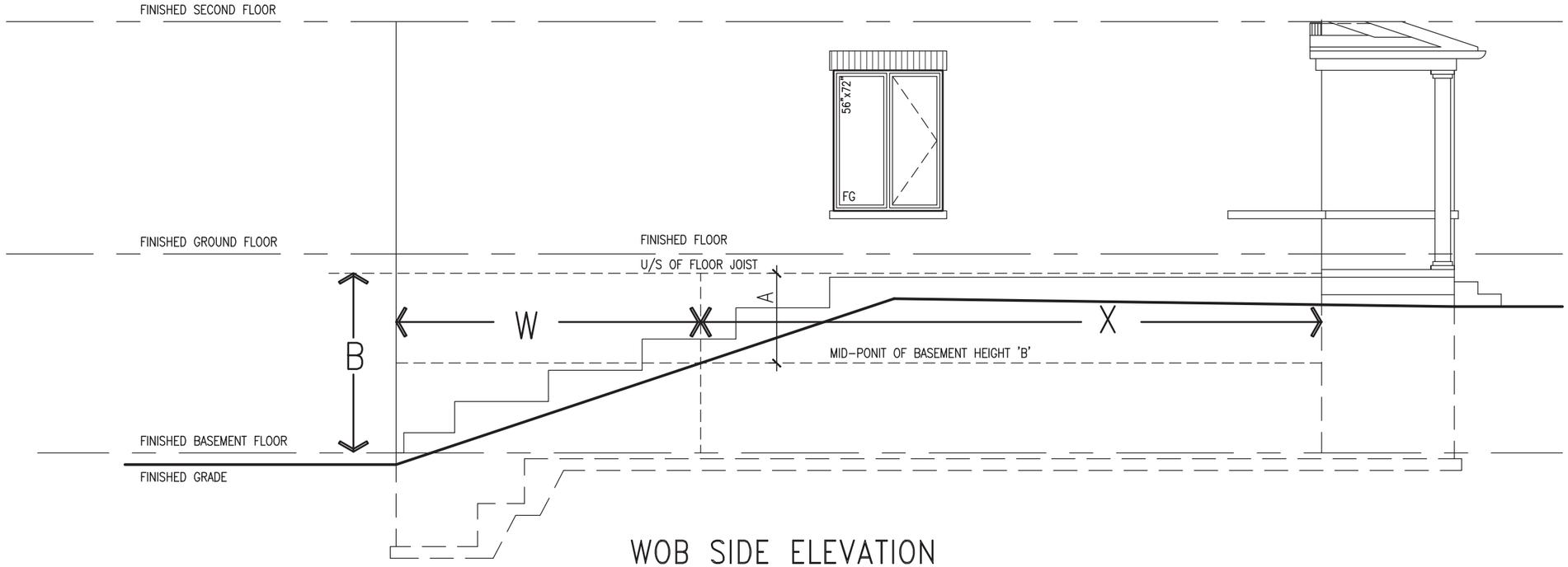
COMPLIANCE TO OBC SB-12 2.1.1.1(11)



WOB PLAN



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

LICENSED PROFESSIONAL ENGINEER
S. J. BOYD
PROVINCE OF ONTARIO
JAN 26, 2022

CONST NOTE -

project no. 16023

BAYVIEW WELLINGTON

project name GREEN VALLEY EAST
municipality BRADFORD

CONSTRUCTION NOTES

drawing no. CN8

date MAY 2016
drawn by RC
checked by -
scale 3/16" = 1'-0"
file name 16023-CN-2022-A1

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Wellington Jno-Baptiste
signature
name 25591
registration information BCIN
VA3 Design Inc. 42658

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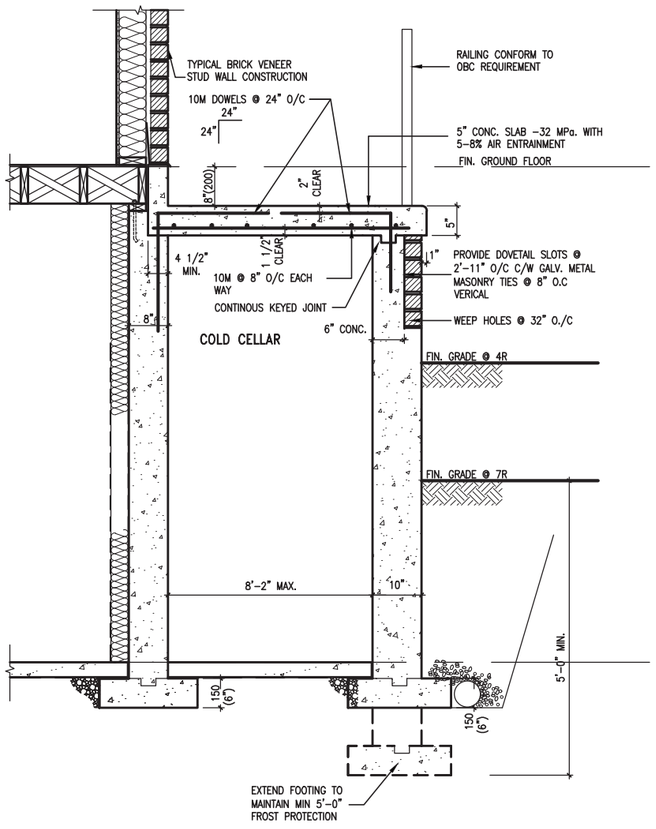
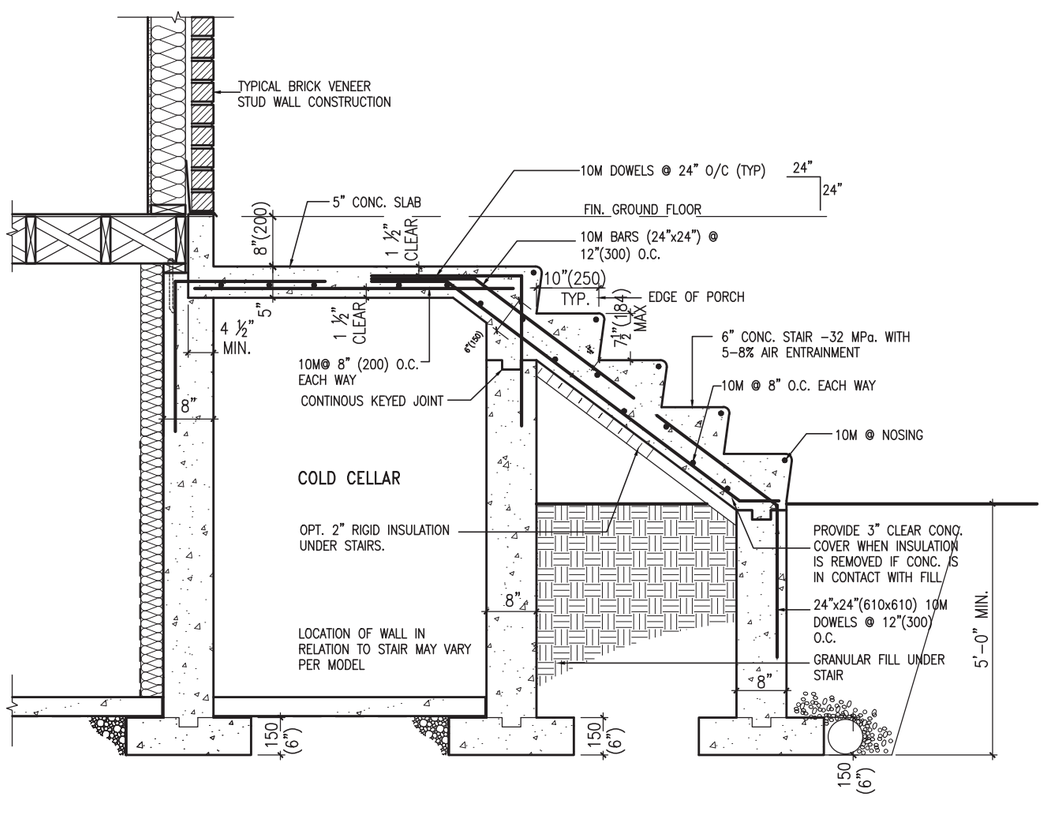


X1 SECTION AT PORCH FOR 4-7R CONDITION

SCALE: N.T.S.



X2 EXTERIOR CONC. STAIR DETAIL (6 RISERS/ 7 RISERS SIMILAR)

SCALE: N.T.S.

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JAN 26, 2022

CONST NOTE -

BAYVIEW WELLINGTON

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municipality: BRADFORD
project no. 16023

date: MAY 2016
drawn by: RC
checked by: -
scale: 3/16" = 1'-0"

CONSTRUCTION NOTES

file name: 16023-CN-2022-A1
drawing no. CN9

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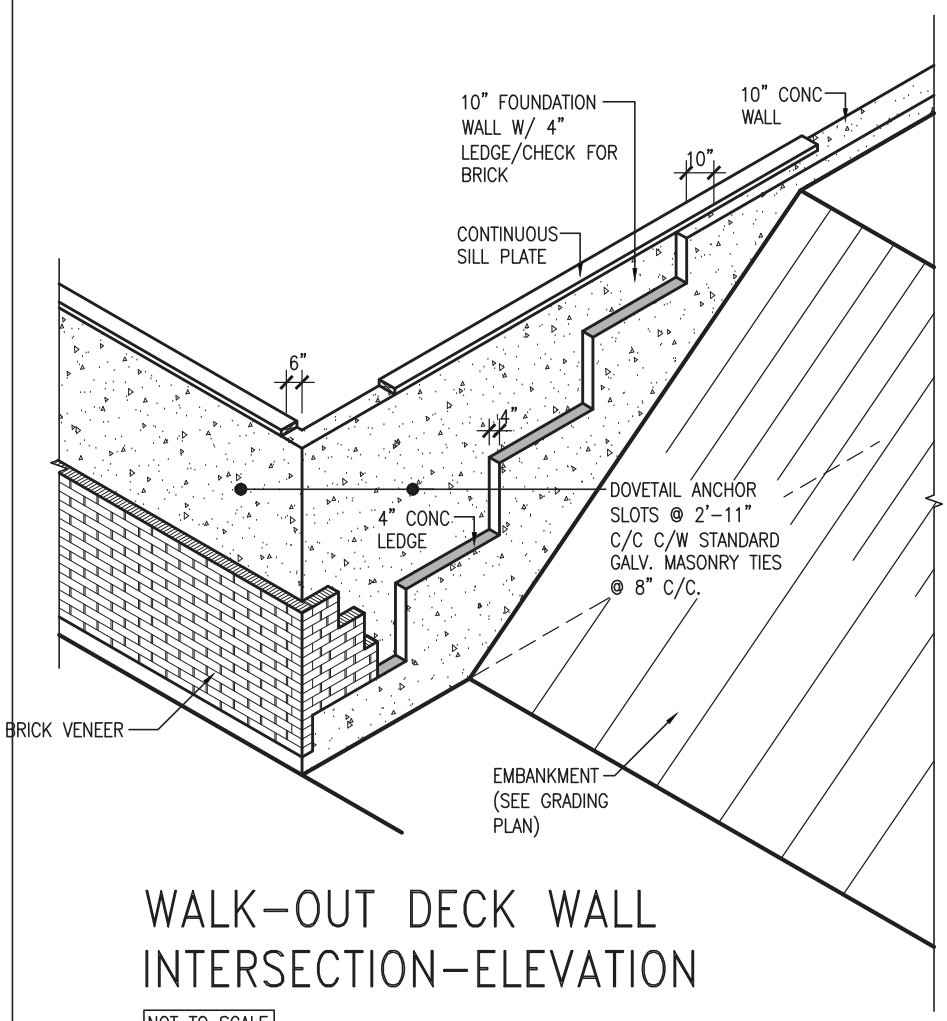
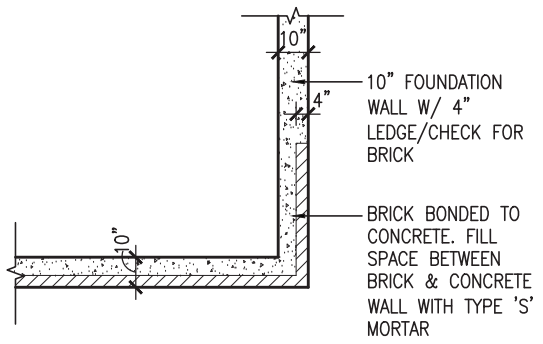


WALK-OUT DECK WALL INTERSECTION-ELEVATION

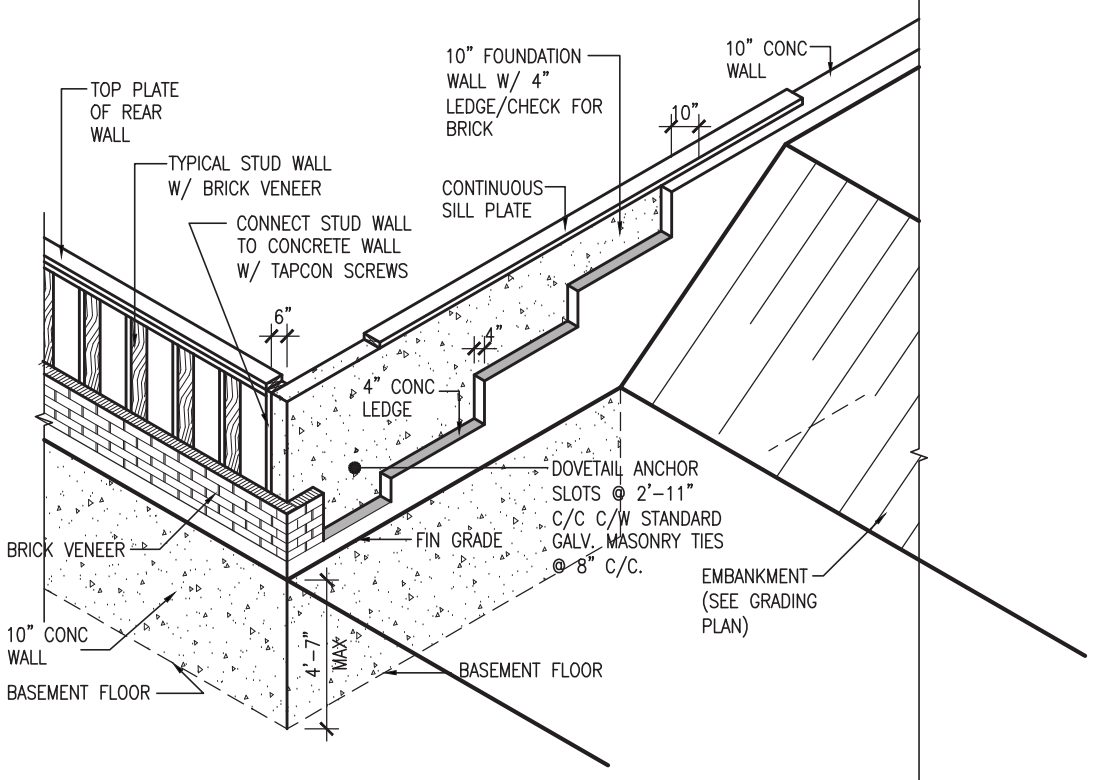
NOT TO SCALE



WALK-OUT DECK WALL INTERSECTION-PLAN

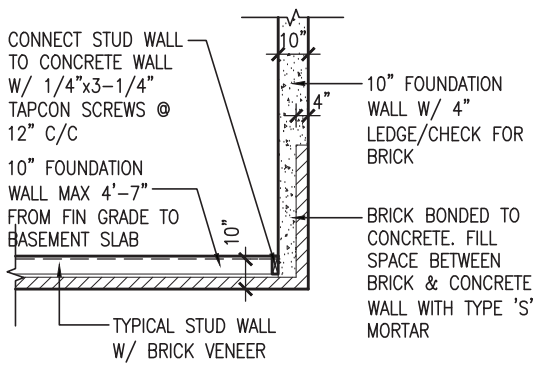
NOT TO SCALE

(10" FOUNDATION WALL)



WALK-OUT DECK WALL INTERSECTION-ELEVATION MAX 4'-7" BACKFILL

NOT TO SCALE



WALK-OUT BASEMENT WALL INTERSECTION-PLAN

NOT TO SCALE

(10" FOUNDATION WALL)

S. J. BOYD
LICENSED PROFESSIONAL ENGINEER
PROVINCE OF ONTARIO
JAN 26, 2022

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qualification information
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name — signature — BCIN
registration information
VA3 Design Inc. — 42658

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BAYVIEW WELLINGTON

CONST NOTE
-

project name: GREEN VALLEY EAST
municipality: BRADFORD
project no.: 16023

date: MAY 2016
CONSTRUCTION NOTES
drawn by: RC
checked by: -
scale: 3/16" = 1'-0"
file name: 16023-CN-2022-A1
drawing no.: CN10

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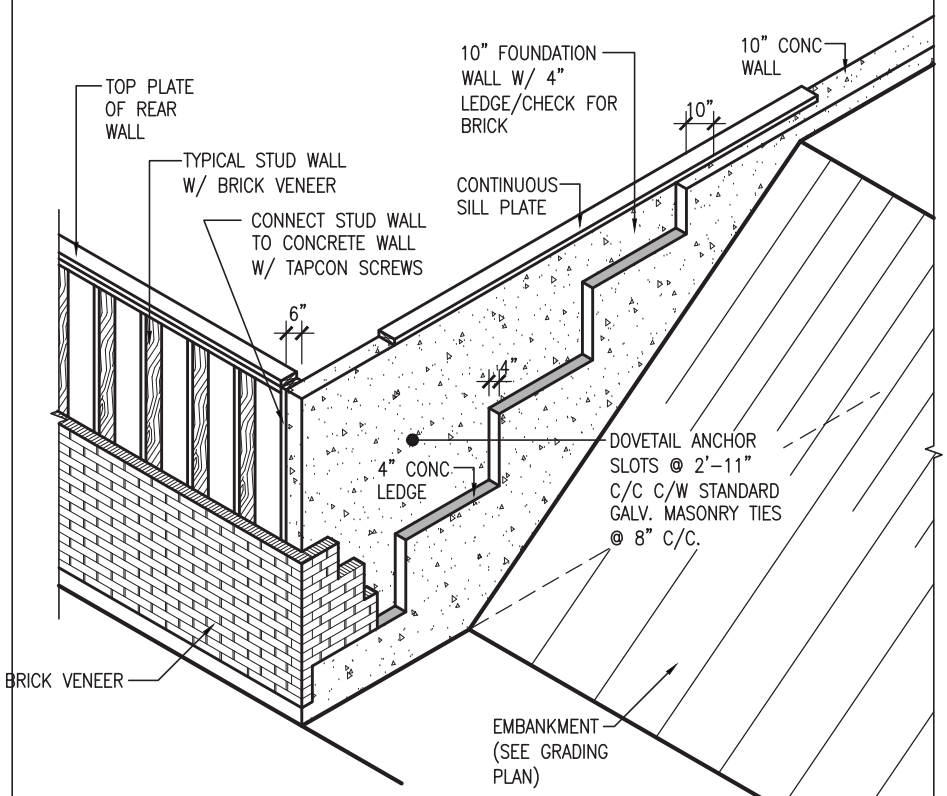
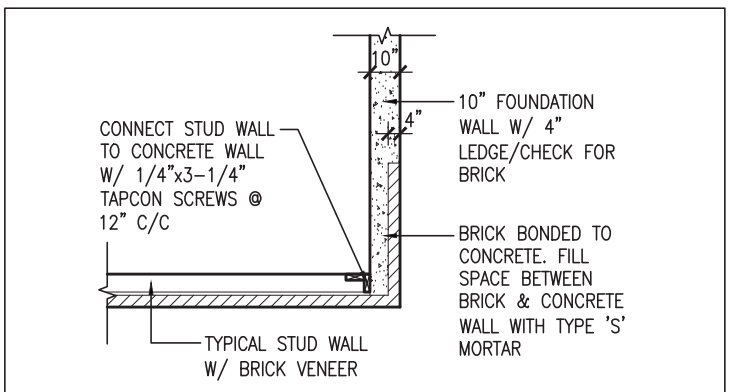


WALK-OUT BASEMENT WALL INTERSECTION-ELEVATION

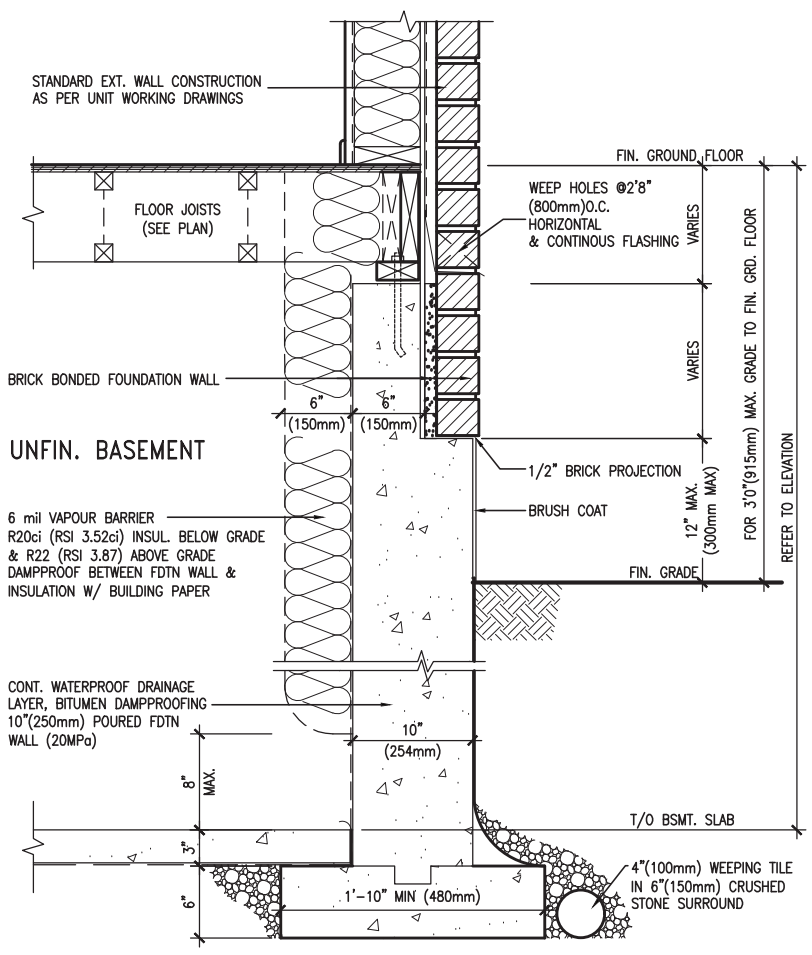
NOT TO SCALE



WALK-OUT BASEMENT WALL INTERSECTION-PLAN

NOT TO SCALE

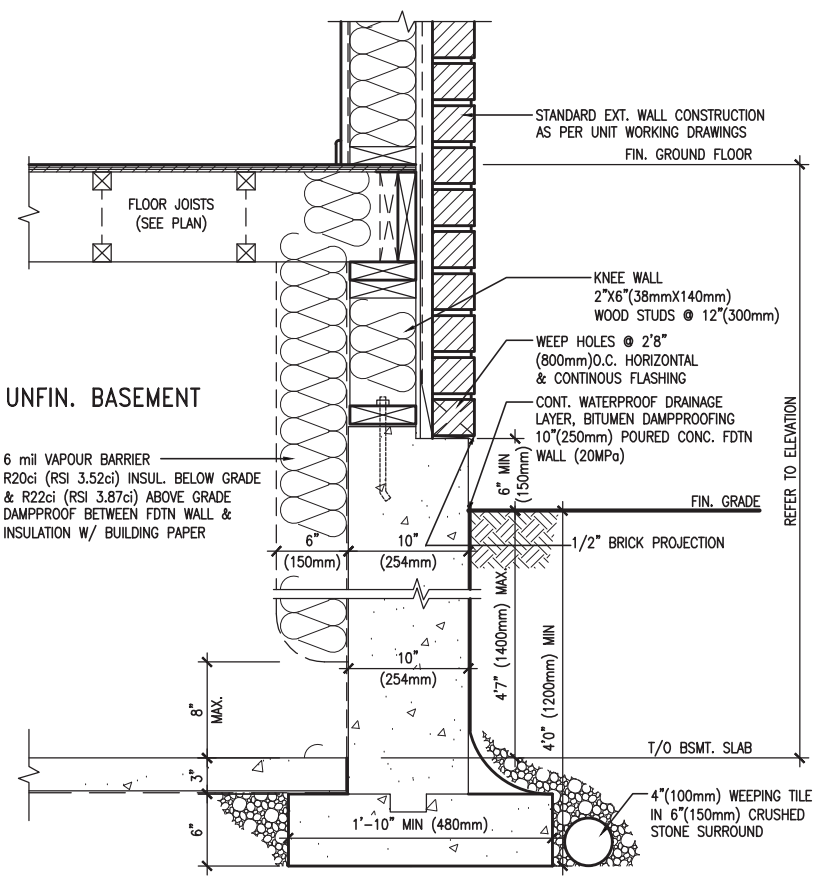
(10" FOUNDATION WALL)



EW3.06x / PKG A1

WALL SECTION FOR GRADE TO FIN. FLOOR MORE THAN 4'7" (1400mm) HEIGHT DIFFERENCE

SCALE: N.T.S.



EW3.07x / PKG A1

WALL SECTION FOR GRADE TO BASEMENT SLAB 4'7"(1400mm) MAX. HEIGHT DIFFERENCE

SCALE: N.T.S.

LICENSED PROFESSIONAL ENGINEER
S. J. BOYD
PROVINCE OF ONTARIO
JAN 26, 2022

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qualification information — Wellington Jno-Baptiste — 25591

name — signature — BCIN

registration information — VA3 Design Inc. — 42658

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BAYVIEW WELLINGTON

CONST NOTE -

project name: GREEN VALLEY EAST | municipality: BRADFORD | project no.: 16023

date: MAY 2016 | CONSTRUCTION NOTES | drawing no.: CN11

drawn by: RC | checked by: - | scale: 3/16" = 1'-0" | file name: 16023-CN-2022-A1

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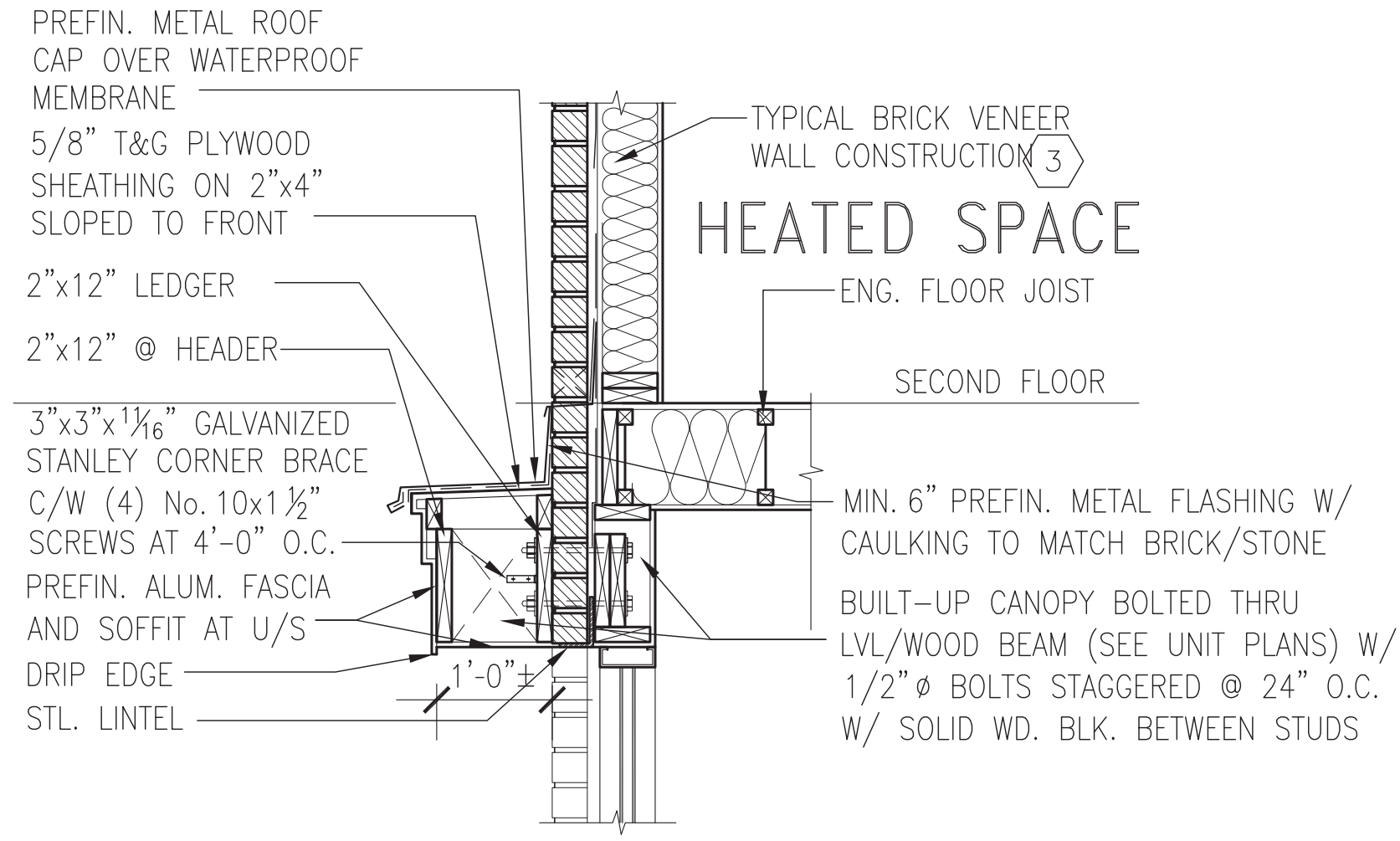

1 / CN12 SECTION THROUGH CANOPY

SCALE 1/2" = 1'-0"

LICENSED PROFESSIONAL ENGINEER
S. J. BOYD
PROVINCE OF ONTARIO
JAN 26, 2022

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qualification information

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registration information

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BAYVIEW WELLINGTON

CONST NOTE -

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municipality: BRADFORD
project no.: 16023

date: MAY 2016
CONSTRUCTION NOTES
drawing no.: CN12

drawn by: RC
checked by: -
scale: 3/16" = 1'-0"
file name: 16023-CN-2022-A1

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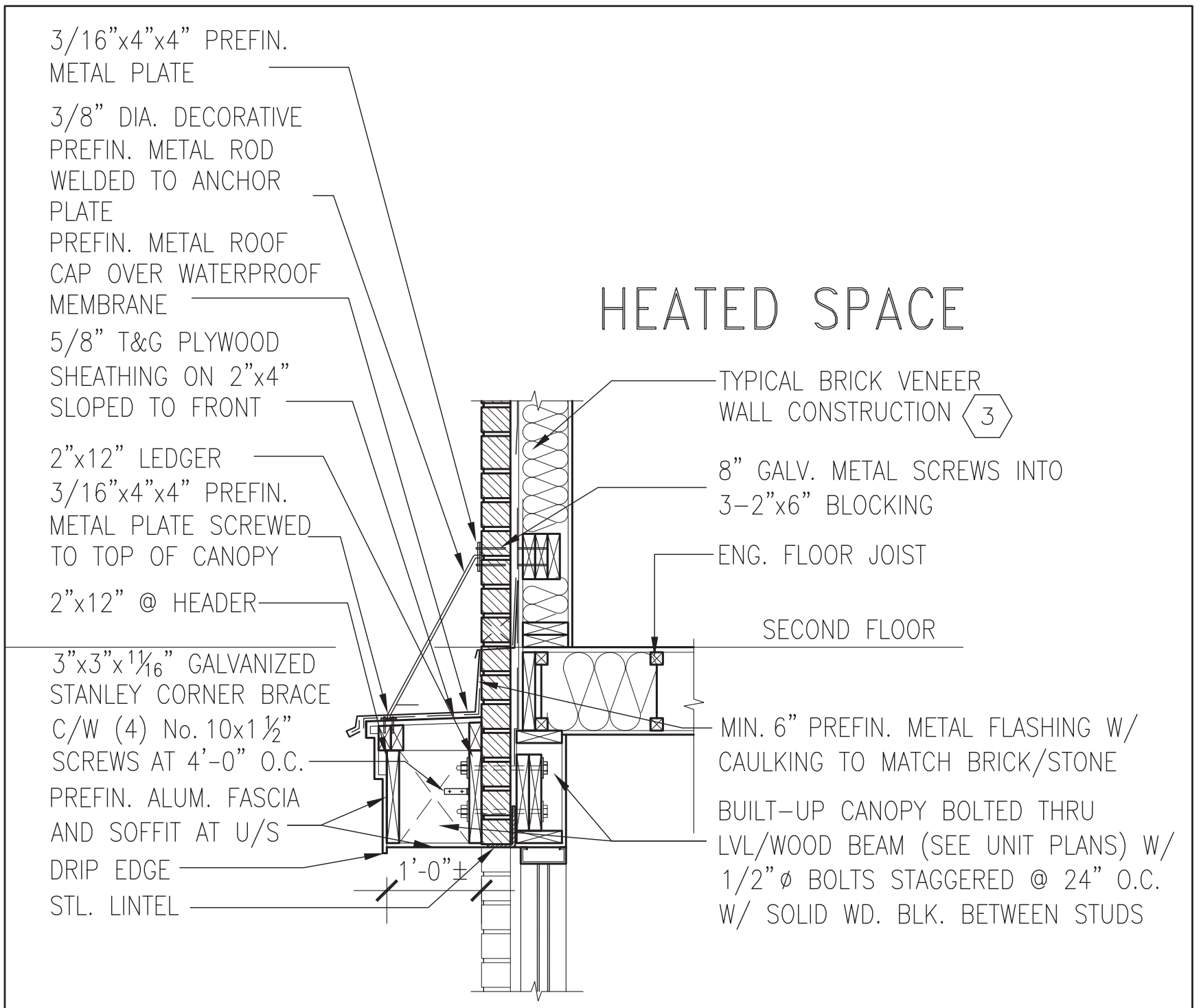

1 / CN13 SECTION THROUGH CANOPY W/ DECORATIVE ROD

SCALE 1/2" = 1'-0"

LICENSED PROFESSIONAL ENGINEER
S. J. BOYD
PROVINCE OF ONTARIO
JAN 26, 2022

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drawing no.: CN13

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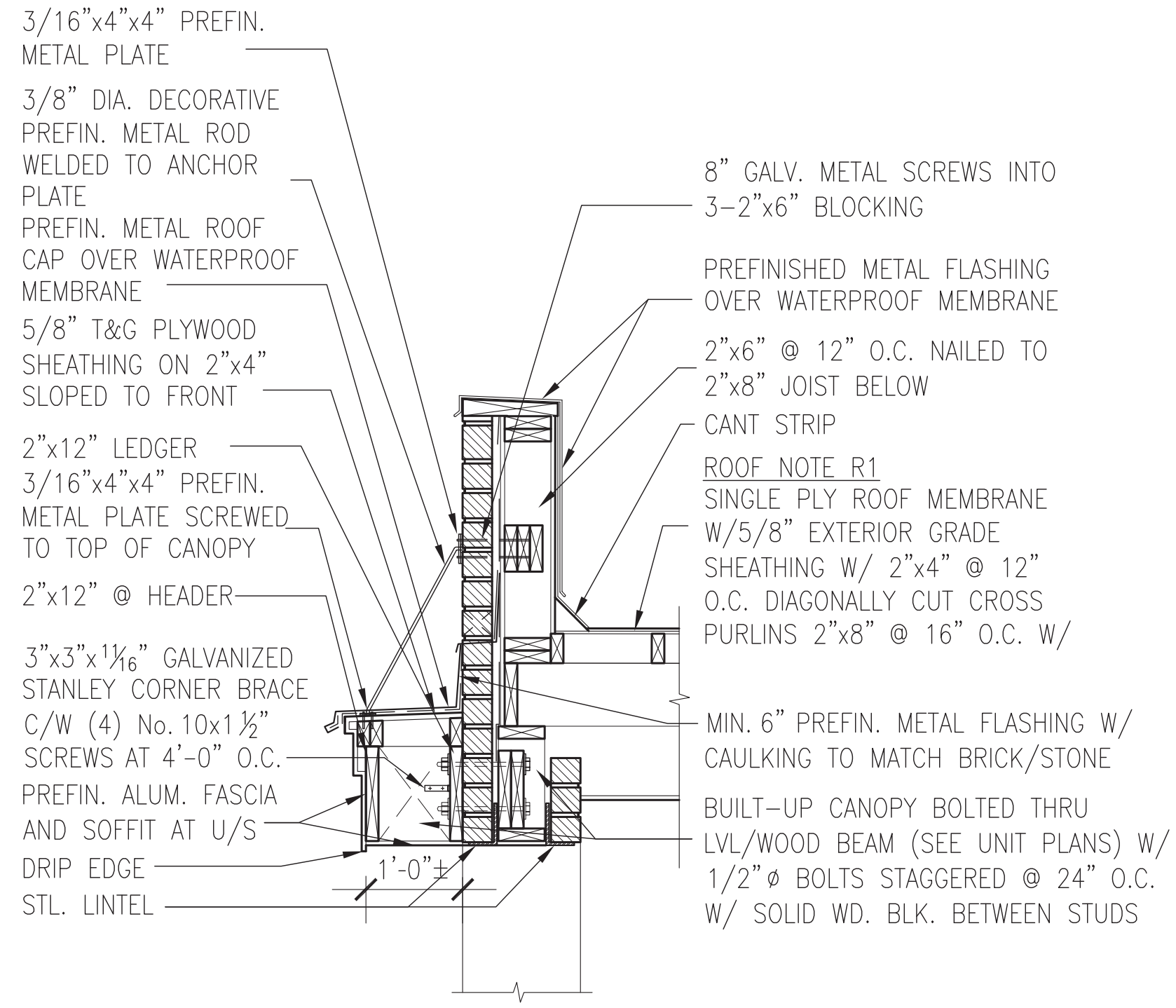

1 / CN14

SECTION THROUGH CANOPY W/ DECORATIVE ROD

SCALE 1/2" = 1'-0"

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