

NOS.	WIDTH	HEIGHT 8'-9" CEILING	HEIGHT 10' OR CEILING	MORE	TYPE
1	2'-10"	6'-8"	8'-0"		INSULATED ENTRANCE DOOR
1a	2'-8"	6'-8"	8'-0"		INSULATED FRONT DOORS
2	2'-8"	6'-8"	8'-0"		WOOD & GLASS DOOR
3	2'-8"	6'-8"	8'-0"		EXTerior SLAB DOOR
4	2'-8"	6'-8"	8'-0"		INTERIOR SLAB DOOR
5	2'-6"	6'-8"	8'-0"		INTERIOR SLAB DOOR
6	2'-2"	6'-8"	8'-0"		INTERIOR SLAB DOOR
7	1'-6"	6'-8"	8'-0"		INTERIOR SLAB DOOR

2-2"x6" STUD WALL NAILD TOGETHER AND
SPACED @ 12" o.c. FULL HEIGHT, c/w SOLID
BLOCKING @ 4'-0" o.c. VERTICAL AND 7/16"
EXT. PLYWOOD SHEATHING.

UNINSULATED OPENINGS (PER OBC SB-12.3.1.1(7))			
HEIMLOCK 3 ELEV. (3 BED)		ENERGY EFFICIENCY = OBC SB12	
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	481.31 S.F.	128.23 S.F.	26.64 %
LEFT SIDE	944.10 S.F.	51.57 S.F.	5.46 %
RIGHT SIDE	944.10 S.F.	23.50 S.F.	2.49 %
REAR	481.31 S.F.	76.42 S.F.	15.88 %
* OPENINGS OMITTED AS PER SB-12 3.1.1.9(4) MAX 19.9 S.F. R/O FOR ELEVATION FOR LOCATION		0.0 S.F.	
TOTAL SQ. FT.	2850.82 S.F.	279.72 S.F.	9.81 %
TOTAL SQ. M.	264.66 SQ. M.	25.90 SQ. M.	9.81 %

UNINSULATED OPENINGS (PER OBC SB-12.3.1.1(7))			
HEMLOCK (2-4 BED)		ENERGY EFFICIENCY - OBC SB12	
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	481.31 S.F.	126.31 S.F.	26.24 %
LEFT SIDE	244.10 S.F.	51.57 S.F.	5.46 %
RIGHT SIDE	244.10 S.F.	23.50 S.F.	2.49 %
REAR	481.31 S.F.	76.42 S.F.	15.88 %
* OPENINGS OMITTED AS PER SB-12.3.1.9(4) MAX 19.9 S.F. REFER TO ELEVATION FOR LOCATION			
TOTAL SQ. FT.	2850.82 S.F.	277.80 S.F.	9.74 %
TOTAL SQ. M.	264.85 S.M.	25.81 S.M.	9.74 %

<u>AREA CALCULATIONS</u>	<u>ELEV "2"</u>
GROUND FLOOR AREA	969 SF
SECOND FLOOR AREA	959 SF
TOTAL FLOOR AREA	1928 SF
	(179.12 m ²)
FIRST FLOOR OPEN AREA	XX SF
SECOND FLOOR OPEN AREA	4 SF
ADD TOTAL OPEN AREAS	+4 SF
ADD FINISHED BSMT AREA	+XX SF
GROSS FLOOR AREA	1932 SF
	(179.49 m ²)
GROUND FLOOR COVERAGE	969 SF
GARAGE COVERAGE/AREA	214 SF
PORCH COVERAGE/AREA	88 SF
COVERAGE W/ PORCH	1271 SF
	(118.08 m ²)
COVERAGE W/O PORCH	1183 SF
	(109.90 m ²)

NOTE: MAXIMUM HEIGHT OF WALL FOR THIS DETAIL IS 18'-0" AND MAX. SUPPORTED LENGTH OF TRUSS IS 40'-0".

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 SB12 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	3.52a (R20c)	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	0.28	
Skylights Maximum U-value	0.49	
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.

Certified Model # 18-41143 000 00RR
 Builder Greenpark
 M Plan 2060 Lot 37L
 Model

All work shall conform to the Ontario Building Code O. Reg. 332/12 as amended

Engineered floor joists shall be installed in accordance with the supplier's layout and specifications forming part of the permit drawings.

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This is to certify that these plans comply with the applicable Architectural Design Guidelines approved by the City of BRAMPTON.

W Architect Inc.
DESIGN CONTROL REVIEW
OCT 17 2018
FINAL BY: CCG
This stamp is only for the purposes of design control and carries no other professional obligations

CITY OF BRAMPTON
BUILDING DIVISION
REVIEWED
JAN 01 2019
BY
MARK DERKSEN

JUL 27 2018

HEMLOCK 3
COMPLIANCE PACKAGE 'A1'

REGISTERED PROFESSIONAL ENGINEER
B. MARINKOVIC
PROVINCE OF ONTARIO
STRUDET INC.
FOR STRUCTURE ONLY

[illegible]

ALL PLUMBING SHALL CONFORM TO
THE ONTARIO BUILDING CODE, O.REG.
332/12, AS AMENDED, DIVISION B, PART 7.

ELEV. '2'-REV.
ELEV. '2'

CITY OF BRAMPTON
BUILDING DIVISION
ZONING REVIEWED
DEC 10 2018
BY LESLEY DAHONIC

COLD STORAGE SLAB
5" REINFORCED CONCRETE SLAB
WITH 10M BARS @ 7 7/8" o.c.
EACH WAY WITH MIN. 1 1/4" CONC. COVER AND 10M BENT
(24"x24") DOWELS SPACED NO
MORE THAN 21 5/8" o.c.

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OF BRAMPTON
BUILDING DIVISION
REVIEWED
JAN 11 4 2019
BY
MARK DERKSEN

W Architect Inc.
DESIGN CONTROL REVIEW

OCT 17 2018

FINAL BY: ENGE

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JUL 27 2018

HEMLOCK 3
COMPLIANCE PACKAGE A1

VEENER CUT
WHEN VENEER CUT IS GREATER
THAN 26", A 10" POURED
CONCRETE FOUNDATION WALL IS
REQUIRED.

18	-	3		
17	-	8		
16	-	7		
15	-	6		
14	-	5	ISSUED FOR PERMIT.	JULY 23/18
13	-	4	REVISED PER CLIENT/ ENGINEER COMMENTS	JULY 19/18
12	-	3	REVISED PER ALR & TROSS CO-ORD.	JUNE 28/18
11	-	2	REVISED PER CLIENT COMMENTS.	JUN. 13/18
10	-	1	ISSUED FOR CLIENT REVIEW AND COMMENTS	MAY 24/18
9	Approval	0		

The undersigned has reviewed and takes responsibility for this and
has the qualifications and meets the requirements set out in
the drawing code to be a Designer.
qualification information
Richard Vink
signature
some
registration information
V&S Design Inc.
Contractor must supply all drawings on the job and insert any
discrepancy to the Designer before proceeding with the work. All
drawings and specifications are instruments of service and the pro
of the Designer which must be returned at the completion of the

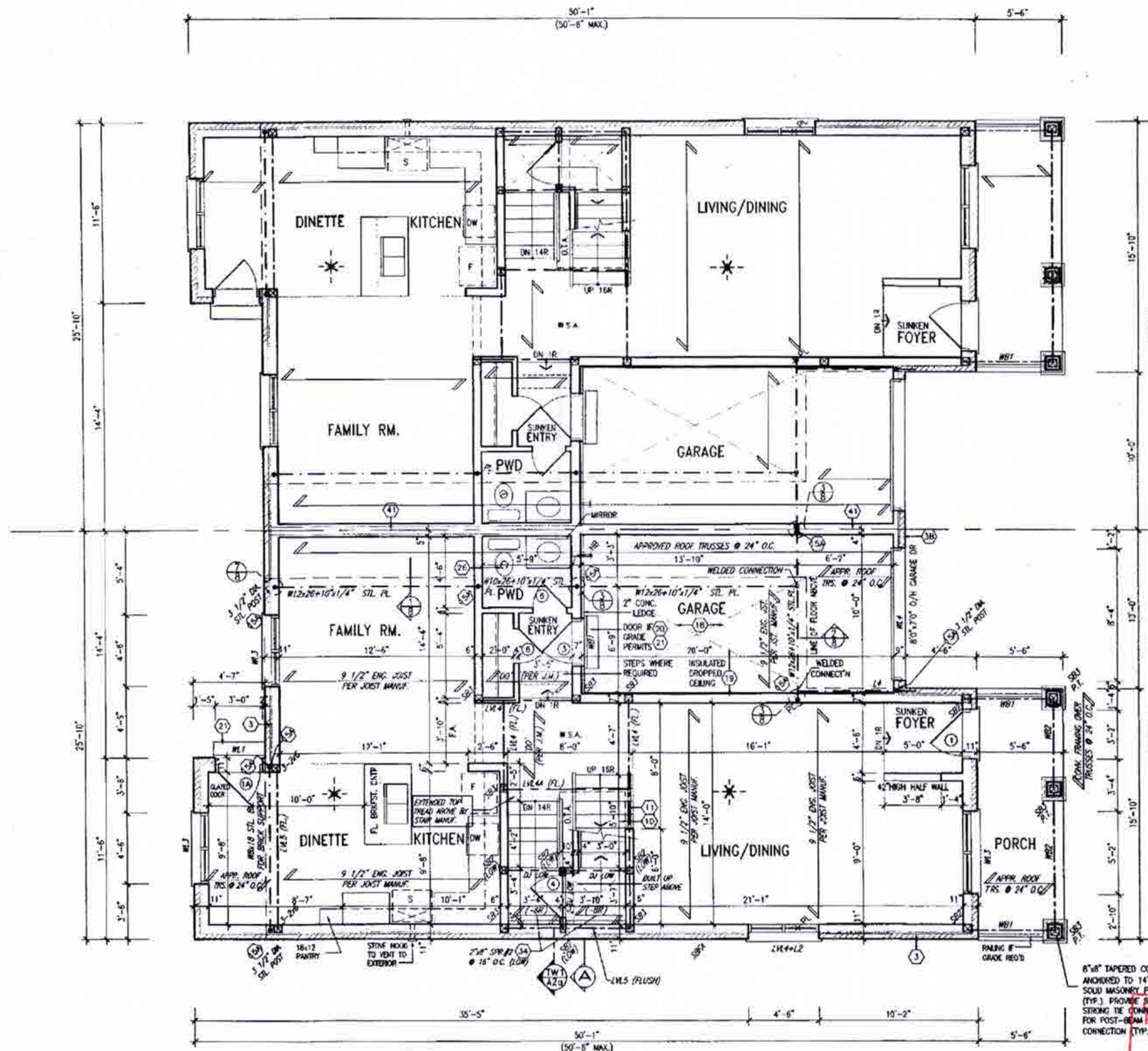
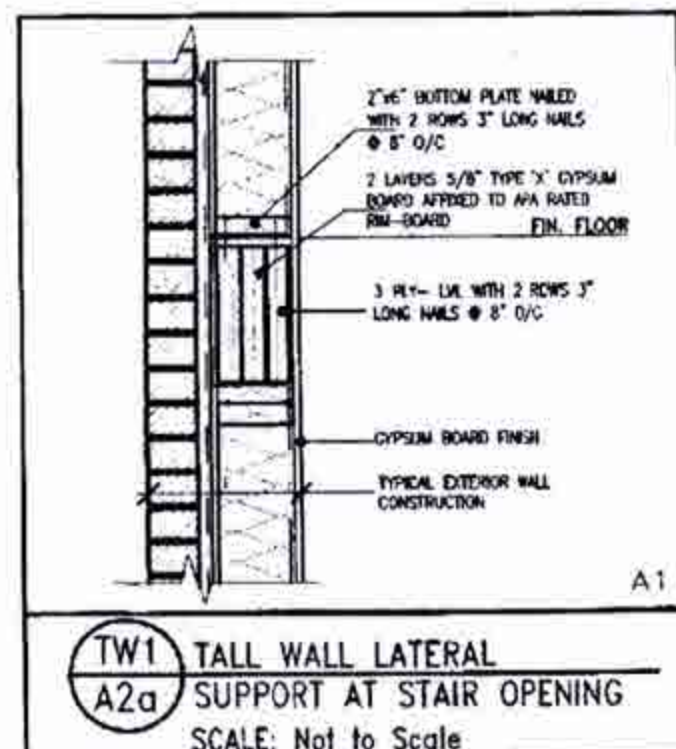
V&A
DESIGN
255 Consumers Rd. Suite 101
Toronto ON M2J 1P1
Tel: 416.630.2255 / 416.630.2256
www.vandadesign.com

Greenpark
project name
MINNISALE HOMES CORP. BRAN
date
MAY 2018 BASEME
drawn by checked by scale
3/16" = 1'-0"

HEMLOCK 3	
9.15m Semi	
PLAN - ELEV. '2'	18012-HEMLOCK-3

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W Architect Inc.
DESIGN CONTROL REVIEW
JAN. 15, 2019
RECEIVED
FINAL BY G.C.F.



ELEV. '2'-REV.
ELEV. '2'

RECEIVED
JAN 16 2019
Building Division

OFFICE OF BRAMPTON
BUILDING DIVISION
REVIEWED
JAN 16 2019
BY
MARK DERKSEN

All work shall conform to the Ontario
Building Code O. Reg. 332/12 as amended



RECEIVED
JAN 19 2019

JAN 08 2019

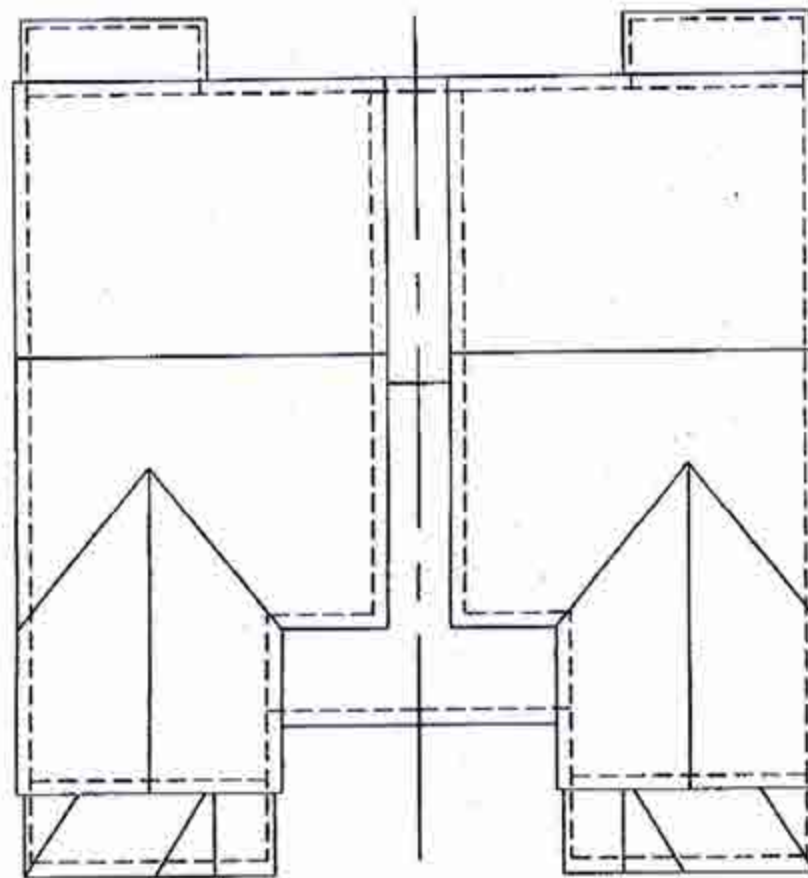
HEMLOCK 3
COMPLIANCE PACKAGE A1

18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1	18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1	18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1	18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1	18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1	18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1	18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1
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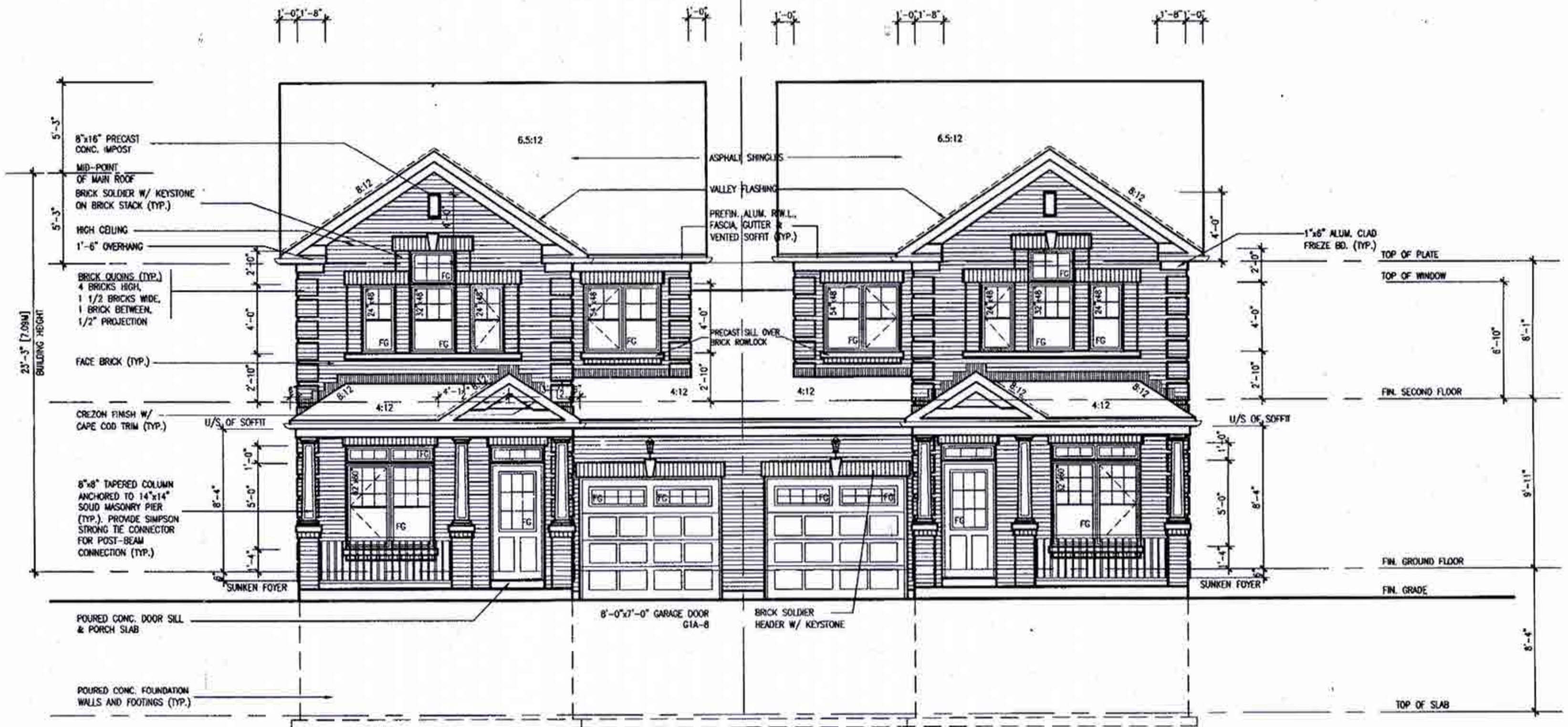
VAS
DESIGN

Greenpark
BRAMPTON

HEMLOCK 3
9.15m Semi
A2a



ROOF PLAN '2'



FRONT ELEVATION - ELEV. 2

FRONT ELEVATION - ELEV. 2-REV.

CITY OF BRAMPTON
BUILDING DIVISION
ZONING REVIEWED
DEC 10 2018
BY
LESLEY DAHONICK

W Architect Inc.
DESIGN CONTROL REVIEW
OCT 17 2018
FINAL BY: ECE
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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 (porting) 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.

CITY OF BRAMPTON
BUILDING DIVISION
REVIEWED
JAN 11 4 2019
BY
MARK DERKSEN

3'-6" HIGH RAILING IF PORCH SLAB IS MORE THAN 5'-11" ABOVE FINISHED GRADE AND 3'-0" HIGH RAILING WHEN PORCH SLAB IS LESS THAN 5'-11" ABOVE FINISHED GRADE

ELEVATIONS NOT DRAWN TO ACTUAL GRADE. REFER TO FINAL GRADING PLAN.

JUL 27 2018

HEMLOCK 3
COMPLIANCE PACKAGE A1

no.	description	date	by	no.	description	date	by
1	ISSUED FOR PERMIT	JULY 23/18	OW	1	ISSUED FOR PERMIT	JULY 23/18	OW
2	REVISED PER CLIENT/ ENGINEER COMMENTS	JULY 19/18	OW	2	REVISED PER CLIENT/ ENGINEER COMMENTS	JULY 19/18	OW
3	REVISED PER FLR & TRUSS CO-ORD.	JUNE 28/18	OW	3	REVISED PER FLR & TRUSS CO-ORD.	JUNE 28/18	OW
4	REVISED PER CLIENT COMMENTS	JUN 13/18	OW	4	REVISED PER CLIENT COMMENTS	JUN 13/18	OW
5	ISSUED FOR CLIENT REVIEW AND COMMENTS	MAY 24/18	OW	5	ISSUED FOR CLIENT REVIEW AND COMMENTS	MAY 24/18	OW

The undersigned has assumed full responsibility for this design and has the qualifications and meets the requirements set out in the Ontario Building Code to be a designer.

signature: *R. Vink* 24488
name: Richard Vink
registration number: 42658
firm: VAS 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 applications 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 re-used.

255 Consumers Rd Suite 120
Toronto, ON M2J 1B4
1.416.630.2255 | 416.630.4782
vasdesign.com

Greenpark.

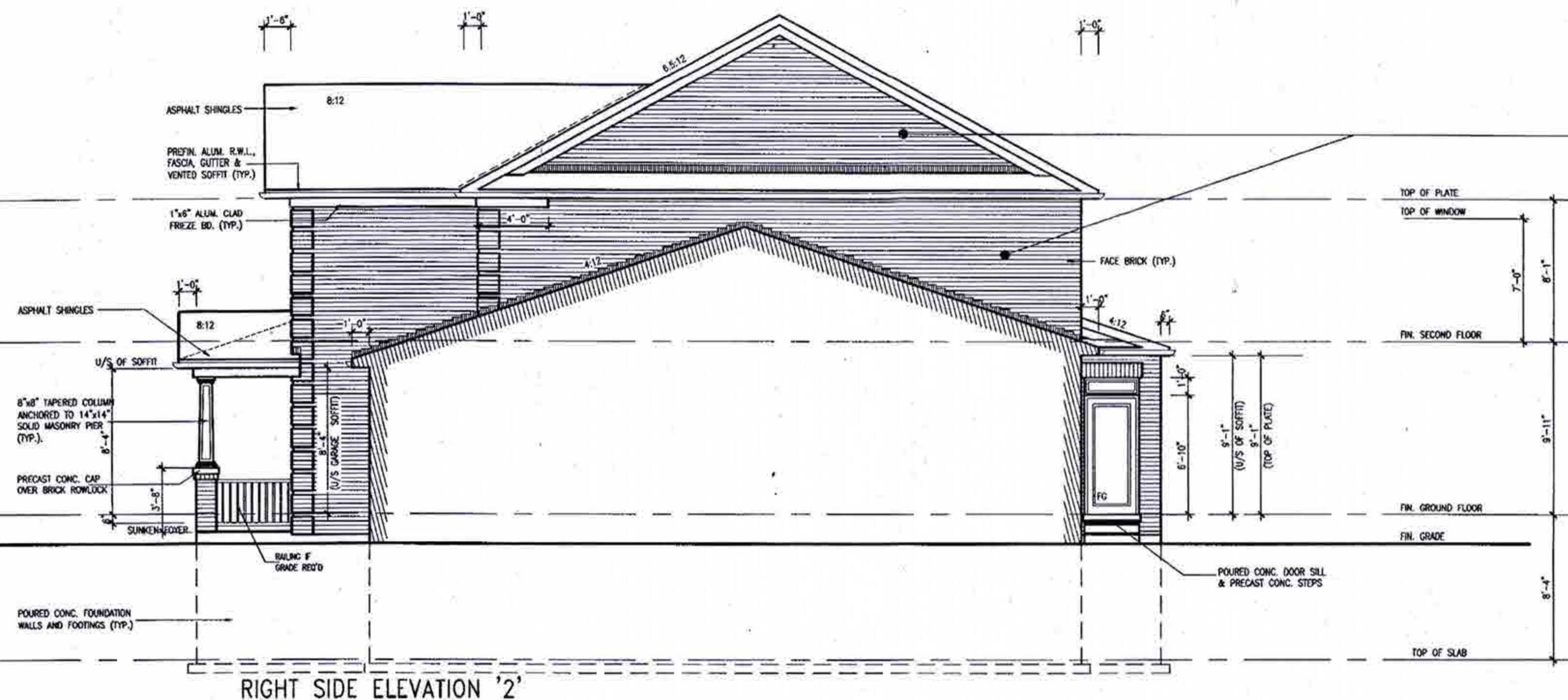
project name: MINNISALE HOMES CORP. location: BRAMPTON

date: MAY 2018 checked by: 3/16" = 1'-0"

drawn by: 18012-HEMLOCK-3

scale: 3/16" = 1'-0"

drawn by: A5a



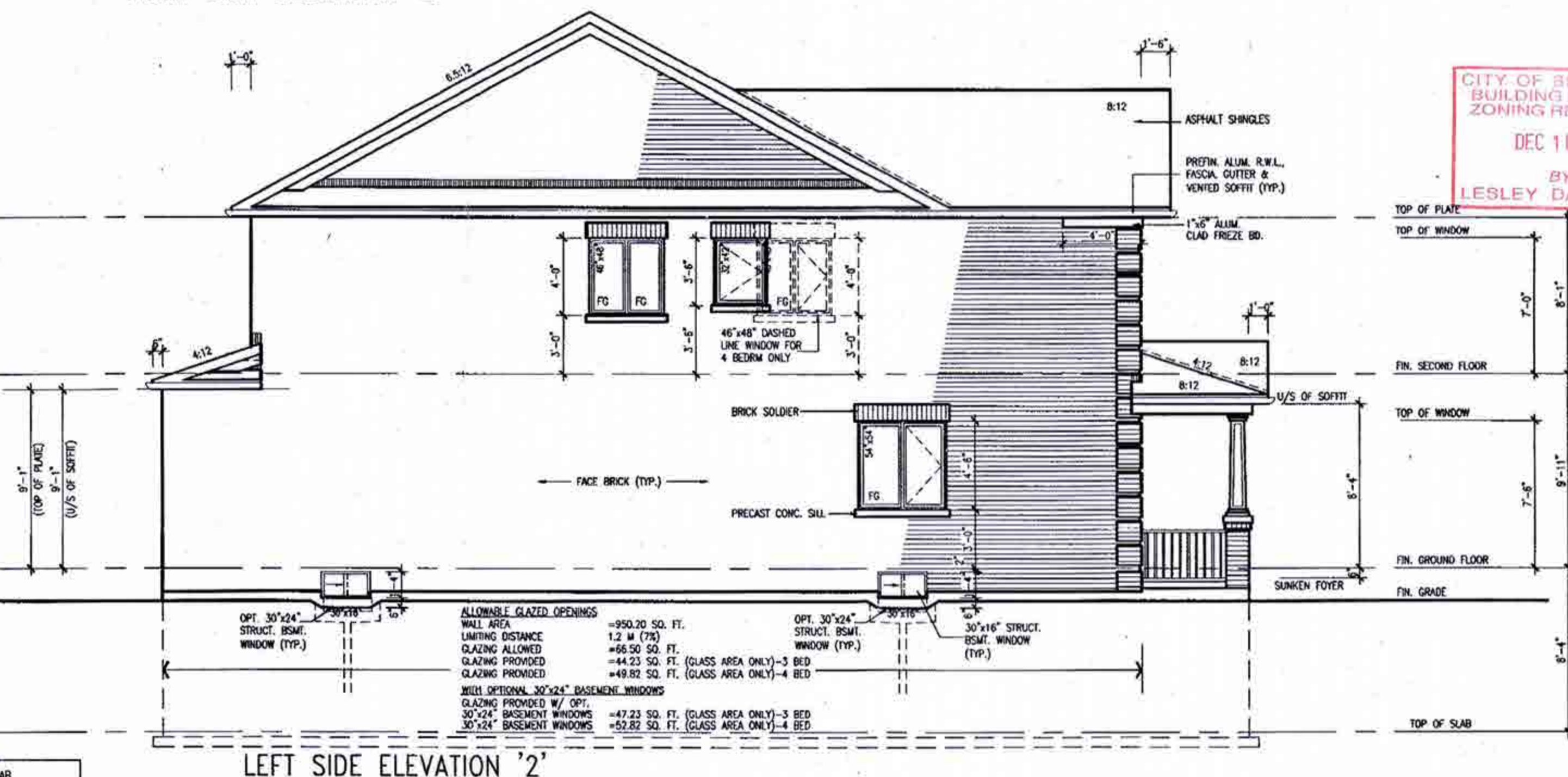
BRICK VENEER CONSTRUCTION

(FOR WALLS LESS THAN 12M (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. DISRUPT INSULATION & TYPE 'X' IS INSTALLED IN GARAGE EXTERIOR WALLS.

(REFER TO SECTION 50-2 OF CBC 2012-SUPPLEMENTARY STANDARDS)

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.



CITY OF BRAMPTON
BUILDING DIVISION
ZONING REVIEWED
DEC 10 2018
BY LESLEY DAHONIC

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 Contractor/Builder is not responsible in any way for obtaining or approving site (lotting) plans or working drawings with respect to any zoning or building code or permit matter or that any basis can be made for the construction of the

This is to certify that these plans comply with the applicable Architectural Design Guidelines approved by the City of BRAMPTON.

W Architect Inc.
DESIGN CONTROL REVIEW
OCT 17 2018
FINAL BY: CEE
This stamp is only for the purposes of design control and carries no other professional obligations

CITY OF BRAMPTON
 BUILDING DIVISION
 REVIEWED
 JAN 04 2019
 BY
 MARK DERIKSEN

3'-6" HIGH RAILING IF PORCH SLAB IS MORE THAN 5'-11" ABOVE FINISHED GRADE AND 3'-0" HIGH RAILING WHEN PORCH SLAB IS LESS THAN 5'-11" ABOVE FINISHED GRADE

ELEVATIONS NOT DRAWN TO ACTUAL GRADE.
REFER TO FINAL GRADING PLAN.

18				9			The undersigned has reviewed and taken responsibility for this drawing and has the qualifications and means the requirements set out in 1 Division Building Code to be a Designer.
17				6			qualification information
16				6			Richard Vink
15				6			signature
14				5	JULY 23/18	GN	name
13				4	JULY 19/18	GN	reviewer information
12				3	AUG. 28/18	GN	VAS De Dordje Inc.
11				2	JUNE 13/18	GN	Contractor shall 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 prep of the Drawings which must be checked at the completion of the drawings are not to be signed.
10				1	MAY 24/18	GN	ISSUED FOR CLIENT REVIEW AND COMMENTS
9	no	description	date	by	no	description	date by

**VA3
DESIGN**

Greenpark.

printed name MINNISALE HOMES CORP.	mmscode BRAMPTON
cna LEET & BRIGHT SUPPLY	

HEMLOCK 3	
9.15m Semi	
project n°	1801
ELEVATION "2"	drawing no.

JUL 27 2018

HEMLOCK 3
COMPLIANCE PACKAGE A1

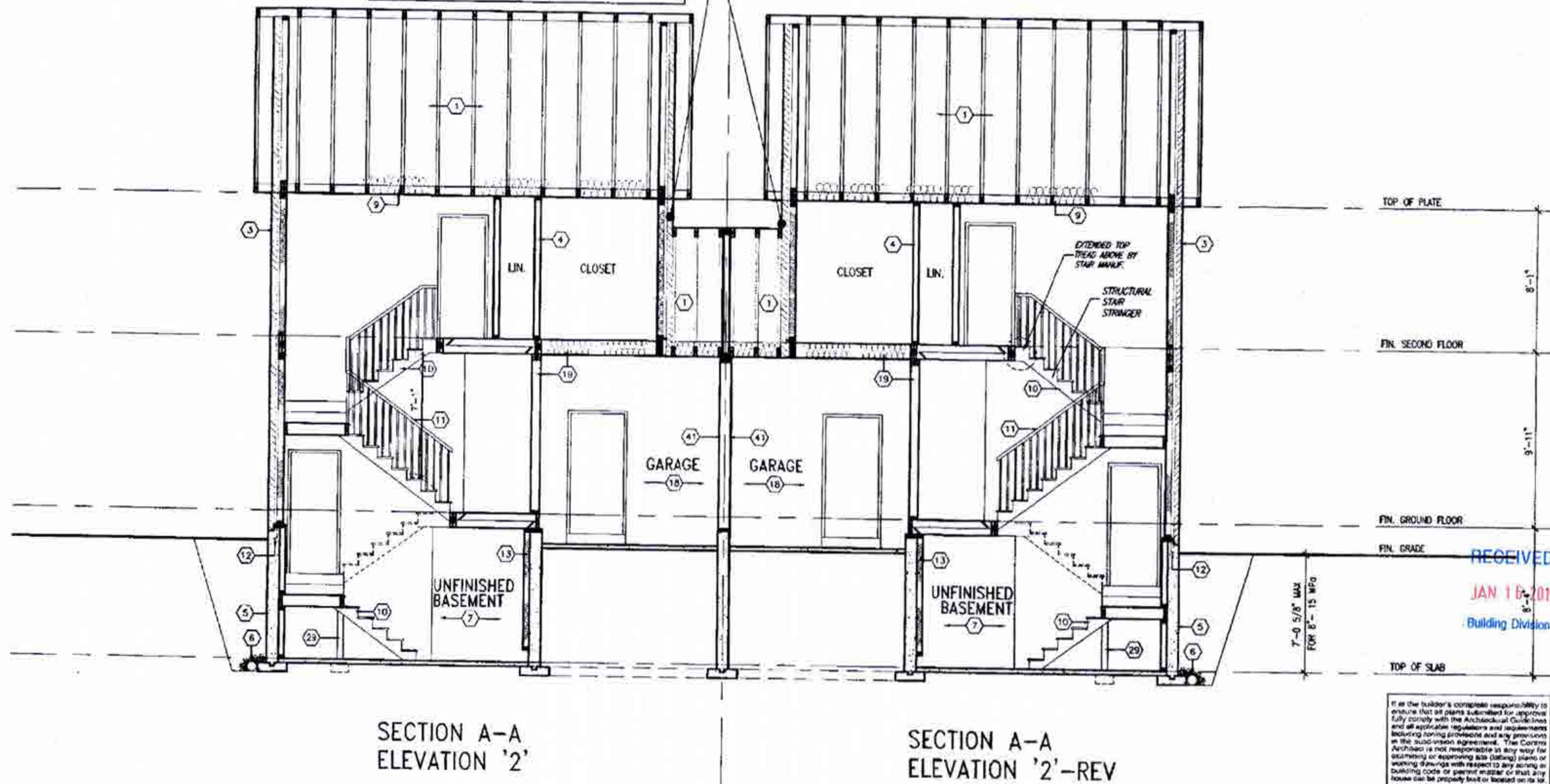
A6a

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 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/m³ AND MUST FILL AT LEAST 90% OF THE CAVITY THICKNESS. THE TYPE 'X' INSULATION MUST BE RUN CONTINUOUSLY BEHIND ALL INTERSECTING PARTITIONS, MECHANICAL CHASES, BATHUBS, SHOWERS, ETC ENSURE INSULATION & TYPE 'X' IS INSTALLED IN GARAGE EXTERIOR WALLS.

(REFER TO SECTION 56-2 OF CBC 2012-SUPPLEMENTARY STANDARDS)



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CITY OF BRAMPTON
BUILDING DIVISION
REVIEWED

JAN 16 2019

BY
MARK DERKSEN

JAN 08 2019

HEMLOCK 3
COMPLIANCE PACKAGE A1

HEMLOCK 3
9.15m Semi

Greenpark™
 project name **MINNISALE HOMES CORP.** multiple **BRAMPTON**

**VA2
DESIGN**[illegible]

U. DODD's editor position.

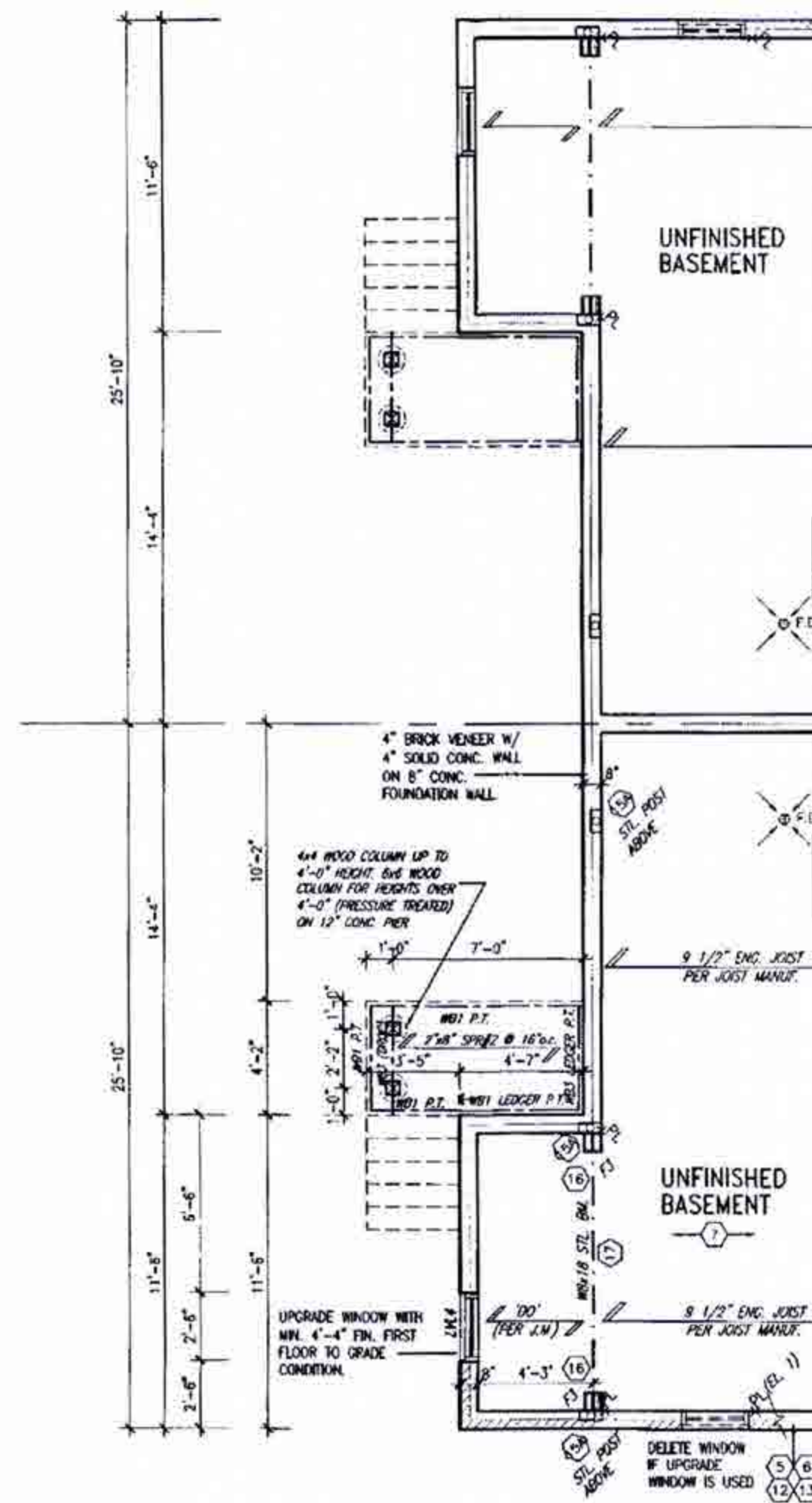


18			9			The undersigned has reviewed and takes responsibility for this report and has the publication and inserts the representations set out in the Chinese Publicity Code for her signature.		
17			8			qualified Submitter		
16			7			Richard Veis		
15			6			name _____ signature _____		
14			5			APPROVED FOR PENDING JULY 23/78 LGW		2440
13			4			ISSUED FOR CLIENT'S ENGINEER COMMENTS JULY 19/78 LGW		
12			3			REVISED PER A/E & JESS CO-SIG. AUG 16/78 LGW		4265
11			2			APPROVED FOR CLIENT COMMENTS APRIL 15/78 LGW		
10			1			REVISED FOR CLIENT COMMENTS MAY 24/78 LGW		
no			0			APPROVED FOR CLIENT REVIEW AND COMMENTS		
no	description	date	by	no	description	date	by	no

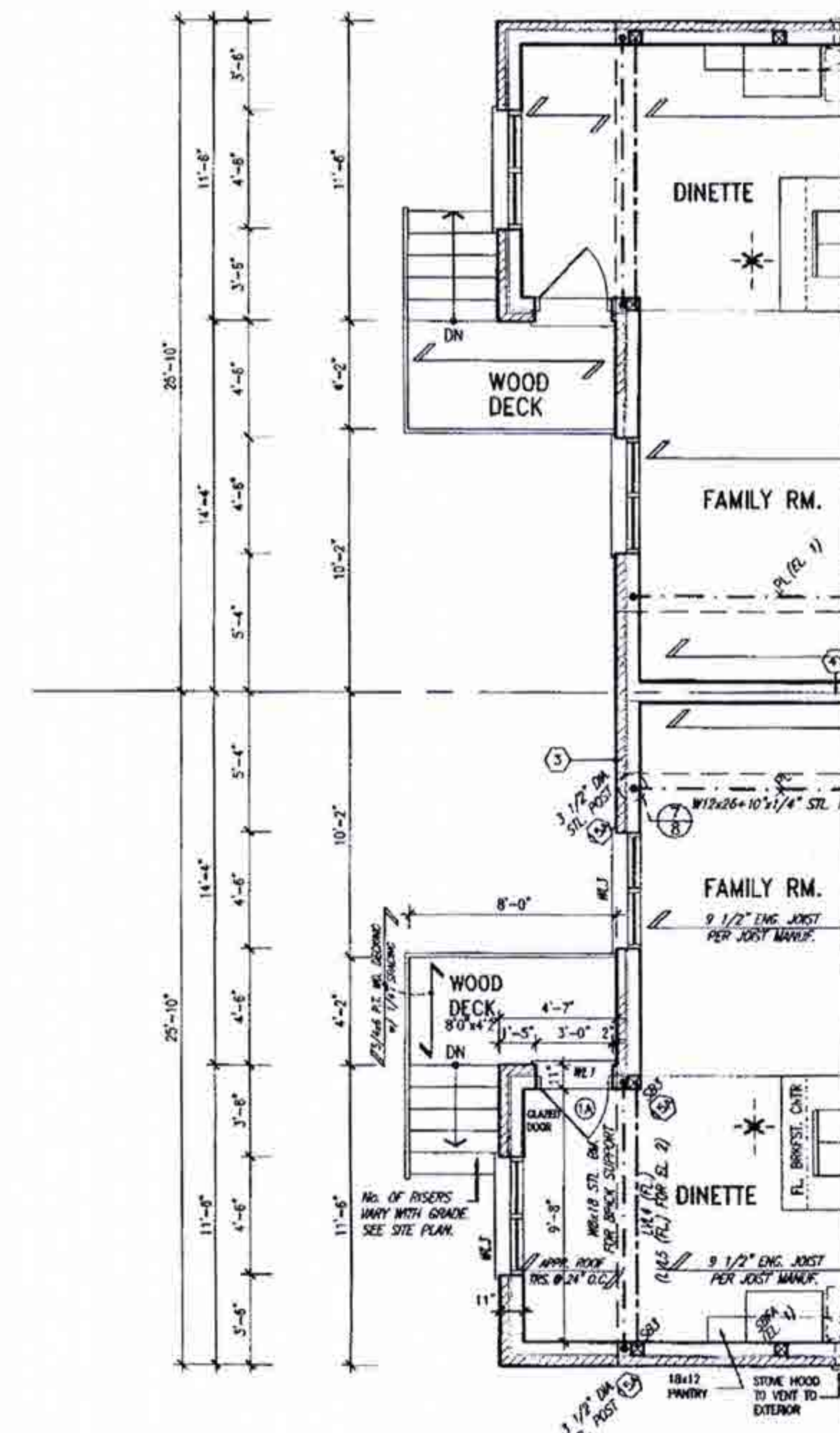
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1904 SF

W Architect Inc.
DESIGN CONTROL REVIEW
JAN. 15, 2019
RECEIVED BY C.C.T.
FINAL



PARTIAL BASEMENT PLAN
W.O.D. CONDITION



PARTIAL GROUND FLOOR PLAN
W.O.D. CONDITION

REFER TO STANDARD BASEMENT
PLAN FOR WINDOWS THAT MAY BE
ELIMINATED WITH UPGRADED REAR
WINDOWS OF DECK CONDITION.

NOTE:
REFER TO STANDARD FLOOR PLANS
FOR ADDITIONAL INFORMATION.

PLANS AND ELEVATIONS ILLUSTRATE DECK
CONDITIONS WHERE GRADE PERMITS. BASEMENT
WINDOWS APPLY TO CONDITIONS OF A MINIMUM
4'-4\"/>

VENUE CUT
WHEN VENEER CUT IS GREATER
THAN 26\"/>



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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
exemptions or approvals into planning 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 City of
BRAMPTON.

CITY OF BRAMPTON
BUILDING DIVISION
REVIEWED
JAN 16 2019
BY
MARK DERKSEN

JAN 08 2019

HEMLOCK 3
COMPLIANCE PACKAGE A1

18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1	18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1	18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1	18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1	18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1
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VAB
DESIGN

Greenpark

HEMLOCK 3
9.15m Semi

MINNISALE HOMES CORP.
BRAMPTON
PARTIAL PLANS W.O.D. CONDITION
A10