

WINDOWS - CANADA ZONE C

- (1) **MINIMUM BEDROOM WINDOW** (*OBC 9.9.10.1.)
AT LEAST ONE BEDROOM WINDOW ON A GIVEN FLOOR IS
TO HAVE MIN. 0.35m² (3.8 SQFT.) UNOBSTRUCTED GLAZED
OPENABLE AREA WITH MIN. CLEAR WIDTH OF 380mm (1'-3")
GLASS AREA NOT MORE THAN 17% OF GROSS
PERIPHERAL WALL AREA
MAXIMUM U-VALUE 0.28

- (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'-6") ABOVE FIN.
FLOOR AND THE DISTANCE FROM THE FIN. FLOOR TO THE
ADJACENT GRADE IS GREATER THAN 1800mm (5'-11")

GENERAL:

- (1) **MECHANICAL VENTILATION**
MECHANICAL VENTILATION IS REQUIRED TO PROVIDE 0.3
AIR CHANGES PER HOUR AVERAGED OVER 24 HOURS.
SEE MECHANICAL DRAWINGS.
- (2) **REINFORCEMENT FOR GRAB BARS** (*OBC 9.5.2.3.)
REINFORCEMENT OF STUD WALLS FOR FUTURE GRAB
BARS SHALL BE INSTALLED ADJACENT TO WATER
CLOSETS AND SHOWER OR BATHUB IN MAIN BATHROOM.
SEE DETAIL ON PAGE 11.

LUMBER:

- 1) ALL LUMBER SHALL BE SPRUCE-PINE-FIR No.1&2 GRADE,
UNLESS NOTED OTHERWISE.
- 2) LUMBER EXPOSED TO THE EXTERIOR TO BE
SPRUCE-PINE-FIR No.1&2 GRADE PRESSURE TREATED OR
CEDAR, UNLESS NOTED OTHERWISE.
- 3) ALL BEAMS, GIRDER TRUSSES, AND METAL HANGER
CONNECTIONS SUPPORTING ROOF FRAMING TO BE
DESIGNED & CERTIFIED BY TRUSS MANUFACTURER.
- 4) LVL BEAMS SHALL BE 2.0E (Fb=2800psi MIN). NAIL
EACH PLY OF LVL WITH 84mm (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 1/2" (13mm) DIA. GALVANIZED
BOLTS BOLTED AT MID-DEPTH OF BEAM @ 915mm
(3'-0") O.C.
- 5) PROVIDE TOP MOUNT BEAM HANGERS FOR ALL LVL BEAM
TO BEAM CONNECTIONS UNLESS NOTED OTHERWISE.
- 6) PROVIDE METAL JOIST HANGERS FOR ALL JOISTS AND
BUILT-UP WOOD MEMBERS INTERSECTING FLUSH BUILT-UP
WOOD MEMBERS.
- 7) WOOD FRAMING NOT TREATED WITH A WOOD
PRESERVATIVE, IN CONTACT WITH CONCRETE, SHALL BE
SEPARATED FROM THE CONC. BY AT LEAST 2mil.
POLYETHYLENE FILM, No.50 (45lbs) ROLL ROOFING OR
OTHER DAMPROOFING MATERIAL, EXCEPT WHERE THE
WOOD MEMBER IS AT LEAST 150mm (6") ABOVE THE
GROUND.

STEEL:

STRUCTURAL STEEL AND HOLLOW STRUCTURAL SECTIONS
SHALL CONFORM TO CAN/CSA-G40-21 GRADE 350W.

REINFORCING STEEL SHALL CONFORM TO CSA-G30-18M
GRADE 400R.

ELECTRIC VEHICLE CHARGING SYSTEM (EVCS):

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

- A MINIMUM 200amp PANEL BOARD,
- CONDUIT THAT IS NOT LESS THAN 1 1/8" (27mm)
TRADE SIZE,
- A SQUARE 4 1/8" (104mm) TRADE SIZE ELECTRICAL
OUTLET BOX,
- FUME-PROOFED ELECTRICAL OUTLET BOX TO BE
INSTALLED IN THE GARAGE OR CARPORT OR
ADJACENT TO DRIVEWAY.

REFER TO 2012 O.B.C. 9.34.4

STABILITY OF NARROW (20'-25') & TALL (±30') HOUSES

BUILDER TO PROVIDE SUFFICIENT TEMPORARY BRACING
TO RESIST WIND LOADING WHEN UNDER CONSTRUCTION.
FURTHER RECOMMENDATIONS:

- 1) REDUCE THE FOUNDATION WALL SILL PLATE ANCHOR
BOLT SPACING FROM 2400mm o.c. (7'-10") TO 1220mm o.c.
(4'-0") FOR STANDARD CONDITIONS.

- 2) USE 4.5mm (3/8") THICK PLYWOOD OR WAFFERBOARD FOR
THE EXTERIOR WALL SHEATHING.

- 3) TO STIFFEN THE STRUCTURE IN TRANSVERSE DIRECTION
USE 4.5mm (3/8") THICK PLYWOOD NAILED TO THE
INTERIOR PARTITIONS ON EACH FLOOR FOR A MINIMUM 2
INTERIOR PARTITION WALLS ON BOTH SIDES AND
PERPENDICULAR TO THE LONG WALLS.

BRICK VENEER LINTELS

WL1 = 3-1/2"x3-1/2"x1/4" (90x90x6.0L) + 2-2"x8" SPR. No.2
WL2 = 4"x3-1/2"x5/16" (100x90x8.0L) + 2-2"x8" SPR. No.2
WL3 = 5"x3-1/2"x5/16" (125x90x8.0L) + 2-2"x10" SPR. No.2
WL4 = 6"x3-1/2"x3/8" (150x90x10.0L) + 2-2"x12" SPR. No.2
WL5 = 6"x4"x3/8" (150x100x10.0L) + 2-2"x12" SPR. No.2
WL6 = 5"x3-1/2"x5/16" (125x90x8.0L) + 2-2"x12" SPR. No.2
WL7 = 5"x3-1/2"x5/16" (125x90x8.0L) + 3-2"x10" SPR. No.2
WL8 = 5"x3-1/2"x5/16" (125x90x8.0L) + 3-2"x12" SPR. No.2
WL9 = 6"x4"x3/8" (150x100x10.0L) + 3-2"x12" SPR. No.2

WOOD LINTELS AND BEAMS

WB1 = 2-2"x8" SPR. No.2 (2-38x184 SPR. No.2)
WB2 = 3-2"x8" SPR. No.2 (3-38x184 SPR. No.2)
WB3 = 2-2"x10" SPR. No.2 (2-38x235 SPR. No.2)
WB4 = 3-2"x10" SPR. No.2 (3-38x235 SPR. No.2)
WB5 = 2-2"x12" SPR. No.2 (2-38x286 SPR. No.2)
WB6 = 3-2"x12" SPR. No.2 (3-38x286 SPR. No.2)
WB7 = 5-2"x12" SPR. No.2 (5-38x286 SPR. No.2)
WB8 = 4-2"x10" SPR. No.2 (4-38x235 SPR. No.2)
WB9 = 4-2"x12" SPR. No.2 (4-38x286 SPR. No.2)

LOOSE STEEL LINTELS

L1 = 3-1/2"x3-1/2"x1/4" (90x90x6.0L)
L2 = 4"x3-1/2"x5/16" (100x90x8.0L)
L3 = 5"x3-1/2"x5/16" (125x90x8.0L)
L4 = 6"x3-1/2"x3/8" (150x90x10.0L)
L5 = 6"x4"x3/8" (150x100x10.0L)
L6 = 7"x4"x3/8" (175x100x10.0L)

LAMINATED VENEER LUMBER (LVL) BEAMS

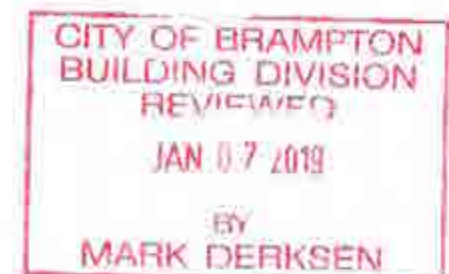
LVL1A = 1-1 3/4" x 7 1/4" (1-45x184)
LVL1 = 2-1 3/4" x 7 1/4" (2-45x184)
LVL2 = 3-1 3/4" x 7 1/4" (3-45x184)
LVL3 = 4-1 3/4" x 7 1/4" (4-45x184)
LVL4A = 1-1 3/4" x 9 1/2" (1-45x240)
LVL4 = 2-1 3/4" x 9 1/2" (2-45x240)
LVL5 = 3-1 3/4" x 9 1/2" (3-45x240)
LVL5A = 4-1 3/4" x 9 1/2" (4-45x240)
LVL6A = 1-1 3/4" x 11 7/8" (1-45x300)
LVL6 = 2-1 3/4" x 11 7/8" (2-45x300)
LVL7 = 3-1 3/4" x 11 7/8" (3-45x300)
LVL7A = 4-1 3/4" x 11 7/8" (4-45x300)
LVL8 = 2-1 3/4" x 14" (2-45x356)
LVL9 = 3-1 3/4" x 14" (3-45x356)
LVL10 = 2-1 3/4" x 18" (2-45x456)

DOOR SCHEDULE

1 = 2'-10" x 6'-8" (65x2033) - INSULATED ENTRANCE DOOR
1a = 2'-8" x 6'-8" (615x2033) - INSULATED FRONT DOORS
2 = 2'-8" x 6'-8" (615x2033) - WOOD & GLASS DOOR
3 = 2'-8" x 6'-8" x 1-3/4" (615x2033x45) - EXTERIOR SLAB DOOR
4 = 2'-8" x 6'-8" x 1-3/8" (615x2033x35) - INTERIOR SLAB DOOR
5 = 2'-6" x 6'-8" x 1-3/8" (160x2033x35) - INTERIOR SLAB DOOR
6 = 2'-2" x 6'-8" x 1-3/8" (660x2033x35) - INTERIOR SLAB DOOR
7 = 1'-6" x 6'-8" x 1-3/8" (460x2033x35) - INTERIOR SLAB DOOR

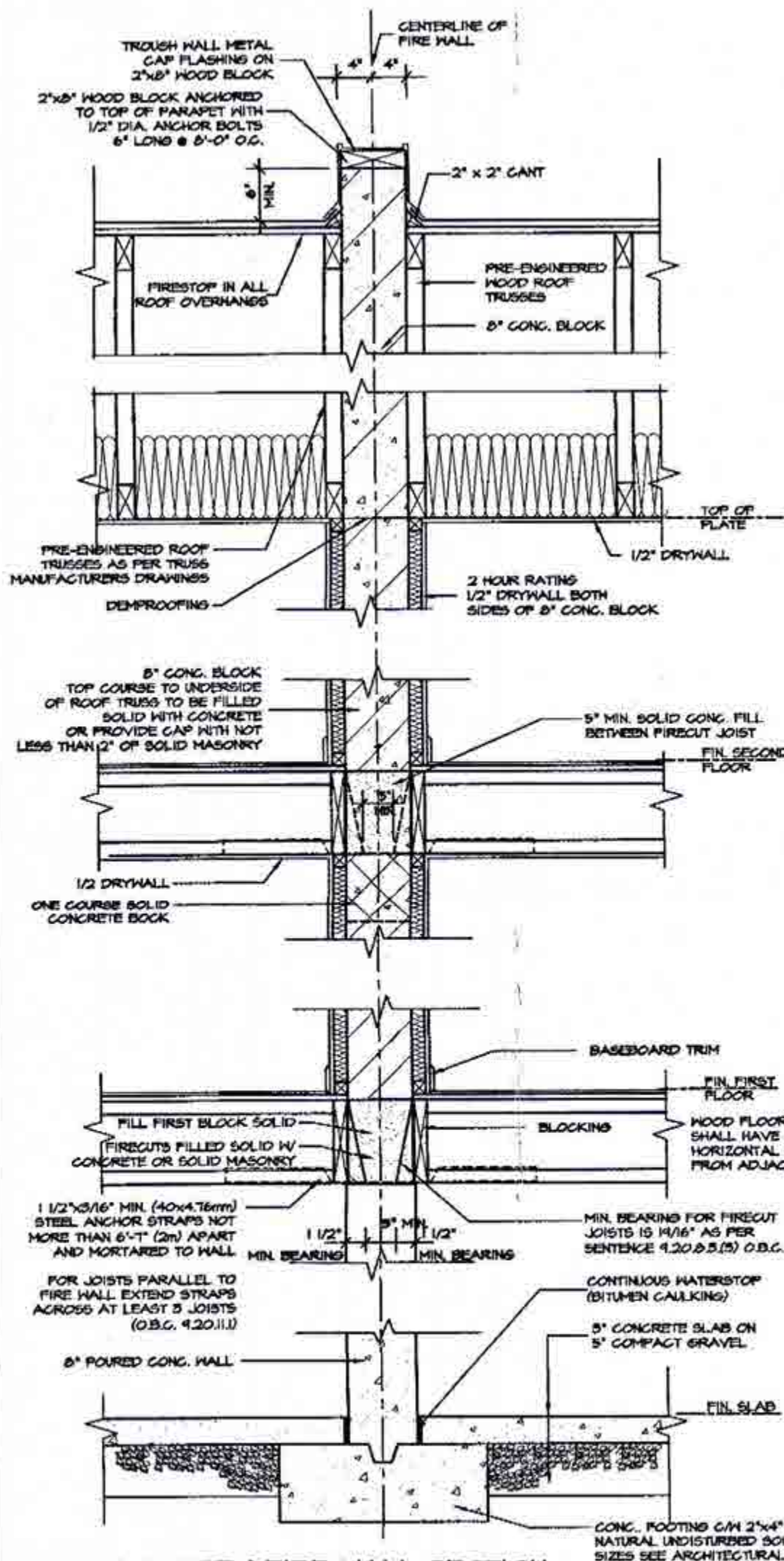
LEGEND

DJ	DOUBLE JOIST
TJ	TRIPLE JOIST
GT	GIRDER TRUSS
	POINT LOAD
	SOLID WOOD BEARING. SOLID BEARING TO BE WIDE AT LEAST AS SUPPORTED MEMBER. MIN. 3 PIECES.
	LOAD-BEARING WALL
	TWO-STOREY WALL. SEE NOTE 39
	FLAT ARCH
F.D.	FLOOR DRAIN
SA	SMOKE ALARM. SEE NOTE 43
SA CH	SMOKE ALARM & CARBON MONOXIDE ALARM. SEE NOTE 44

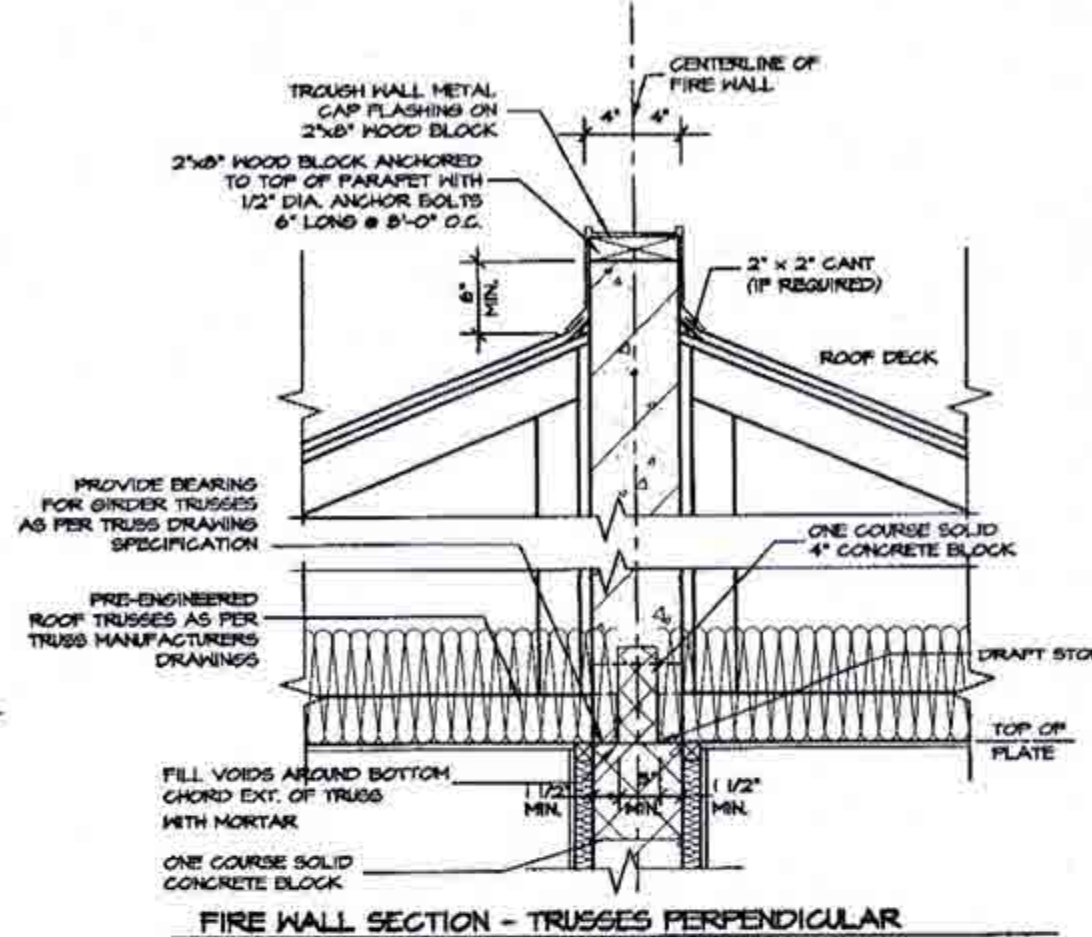


2012 CODE
COMPLIANCE PACKAGE "A1"

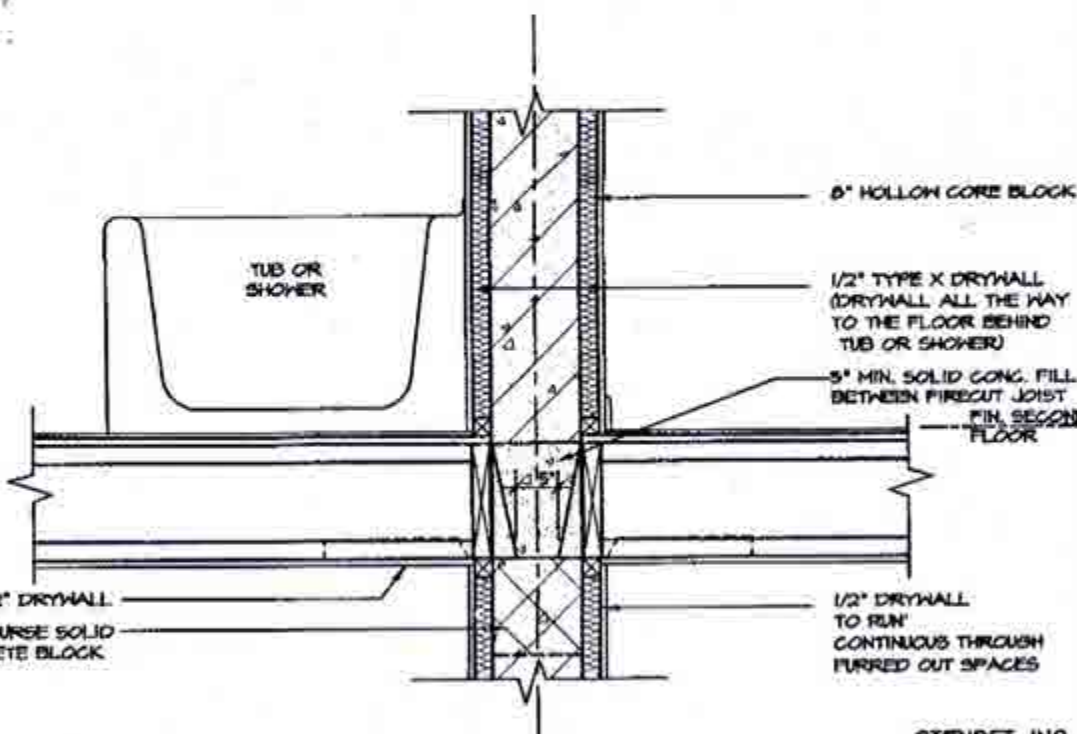
5.		The undersigned has reviewed and takes responsibility for this design, and has the qualifications and meets the requirements set out in the Ontario Building Code to be a designer.	REGION DESIGN INC.	REGION DESIGN INC.	SHEET TITLE	CONTRACTOR SHALL CHECK ALL DIMENSIONS AND ELEVATIONS BEFORE COMMENCING WITH WORK AND REPORT ANY DISCREPANCIES TO THE DESIGNER. PRINTS ARE NOT TO BE SCALED.	Greenpark.
4.		QUALIFICATION INFORMATION	8700 DUFFERIN ST.	CONCORD, ONTARIO	GENERAL NOTES		
3.		Required unless design is exempt under Division C, Subsection 3.2.6 of the building code	L4K 458		SCALE	PAGE No.	
2.			P (416) 736-4096		N.T.S.	2	PROJECT NAME MINNISLAE HOMES CORP.
1	ISSUED FOR PERMIT	JAN 31, 2015	F (905) 660-0746		DATE	JULY 2018	
REVISIONS		VIKAS GAJJAR	28770				
		NAME	SIGNATURE	BCIN			



TYPE 2 STOREY FIRE WALL SECTION
TRUSSES PARALLEL TO PARTY WALL



FIRE WALL SECTION - TRUSSES PERPENDICULAR



FIRE WALL SECTION - BATH TUB

A FIREWALL SHALL EXTEND FROM THE GROUND CONTINUOUSLY THROUGH, OR ADJACENT TO, ALL STOREYS OF A BUILDING. (O.B.C. 3.1.10.3 (1))

ENGINEERED FLOOR SYSTEM INSTALLATION TO CONFORM TO MANUFACTURER'S APPROVED DETAILS AND SPECIFICATIONS

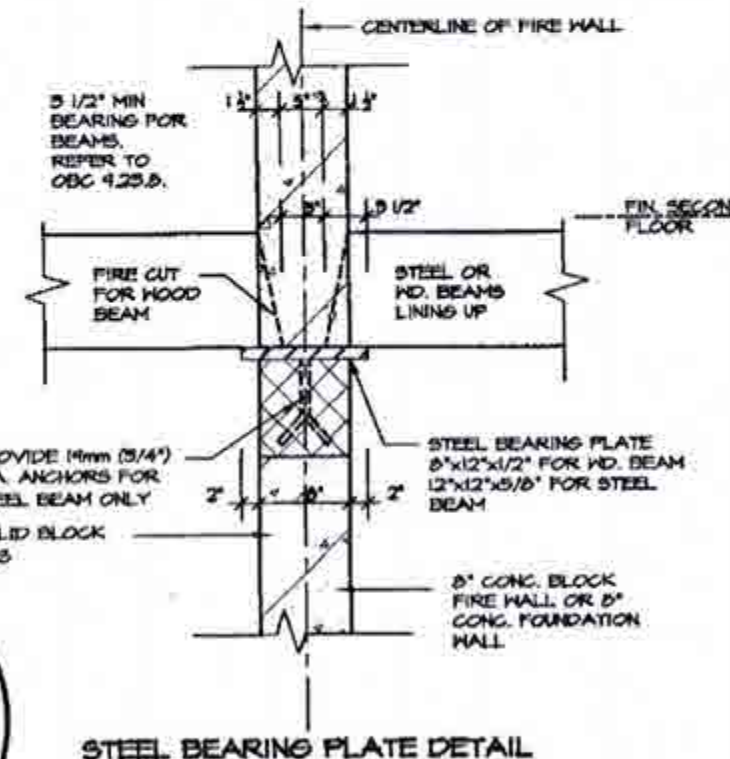
SOUND ABSORPTIVE MATERIAL REQUIREMENTS
SOUND ABSORPTIVE MATERIAL INCLUDES FIBRE PROCESSED FROM ROCK, SLAG, GLASS OR CELLULOSE FIBRE. IT MUST FILL AT LEAST 40% OF THE CAVITY THICKNESS FOR THE WALL TO PROVIDE THE LISTED STC VALUE.

SOUND TRANSMISSION RATING
MINIMUM REQUIRED S.T.C. RATING OF 50 (O.B.C. DIV. B 9.11.2.1(1))

FIRE RESISTANCE RATING
FIRE RESISTANCE RATING REQUIRED IS 2 HR. MIN. (AS PER SENTENCE DIV. B 3.1.10.2 O.B.C.)

WALL TYPE
SEE SUPPLEMENTARY STANDARDS S85 TABLE 1, (WALL NO. B65) 8" (190MM) CONCRETE BLOCK WALL WITH 1/2" x 1/2" STRAPPING & 1/2" DRYWALL FILLED W/ SOUND ABSORPTIVE MATERIAL EACH SIDE. (FRR 2H/STC 57)

CITY OF BRAMPTON
BUILDING DIVISION
REVIEWED
JAN 07 2019
BY
MARK DERKSEN



STEEL BEARING PLATE DETAIL



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2012 CODE
COMPLIANCE PACKAGE "A1"

REVISIONS 1. ISSUED FOR PERMIT JUL 30, 2018	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 Required unless design is exempt under Division C, Subsection 3.2.5 of the building code VIKAS GAJJAR NAME SIGNATURE 28770 BCIN	REGION DESIGN INC. 8700 DUFFERIN ST. CONCORD, ONTARIO L4K 4S8 P (416) 736-4098 F (905) 860-0746 REGION DESIGN INC.	SHEET TITLE FIRE WALL SCALE 3/4"=1'-0" DATE JULY 2018	CONTRACTOR SHALL CHECK ALL DIMENSIONS AND ELEVATIONS BEFORE COMMENCING WITH WORK AND REPORT ANY DISCREPANCIES TO THE DESIGNER. PRINTS ARE NOT TO BE SCALED. PAGE No. 3	Greenpark. PROJECT NAME MINNISALE HOMES CORP.
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FOR STRUCTURE ONLY

50x254 (2"x4") STUDS @ 400 O.C. WITH 15.9mm (5/8") TYPE 'X' GYPSUM BOARD ONE LAYER ON EACH SIDE. SUPPLEMENTARY STANDARDS S03, TABLE 1, MID WALE ASSEMBLY.

SOUND ABSORPTIVE MATERIAL REQUIREMENTS
SOUND ABSORPTIVE MATERIAL INCLUDES FIBRE PROCESSED FROM ROCK, SLAS, GLASS OR CELLULOSE FIBRE. IT MUST FILL AT LEAST 90% OF THE CAVITY THICKNESS FOR THE WALL TO PROVIDE THE LISTED STC VALUE.

SOUND TRANSMISSION RATING
MINIMUM REQUIRED S.T.C. RATING OF 50 (O.B.C. DIV. B 4.10.12.1)

WALL TYPE
SEE SUPPLEMENTARY STANDARDS S03 TABLE 1, WISA BEARING WALL WITH 2 ROWS OF 2"x4" SPR @ 16" O.C. ON SEPARATE 2"x4" PLATES SET 1" APART WITH 4" ABSORPTIVE MATERIAL AND 1 LAYER 5/8" TYPE 'X' GYPSUM WALL BOARD ON EACH SIDE (SEE NOTES 5 TO TABLE 1)

FIRE RESISTANCE RATING
FIRE RESISTANCE RATING REQUIRED IS 1 HR. MIN. (AS PER SENTENCE DIV. B 4.10.12.1) O.B.C.)

2 LAYERS OF 1/2" GYPSUM WALL BOARD FOR FIRE-STOPPING CONTINUOUS

1" AIR SPACE

5/4" SUBFLOOR

FIN. FIRST FLOOR

ENGINEERED FLOOR JOISTS W/HEADER

2 LAYERS OF 1/2" GYPSUM WALL BOARD FOR FIRE-STOPPING CONTINUOUS

2"x4" SILL PLATE (MAX. 2 T25 P/F)

8" POURED CONC. FOUNDATION WALL

FIN. SLAB

2 LAYERS OF 1/2" GYPSUM WALL BOARD FOR FIRE-STOPPING CONTINUOUS

2"x4" SILL PLATE (MAX. 2 T25 P/F)

8" POURED CONC. FOUNDATION WALL

FIN. SLAB

2 LAYERS OF 1/2" GYPSUM WALL BOARD FOR FIRE-STOPPING CONTINUOUS

2"x4" SILL PLATE (MAX. 2 T25 P/F)

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2 LAYERS OF 1/2" GYPSUM WALL BOARD FOR FIRE-STOPPING CONTINUOUS

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8" POURED CONC. FOUNDATION WALL

FIN. SLAB

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FIN. SLAB

2 LAYERS OF 1/2" GYPSUM WALL BOARD FOR FIRE-STOPPING CONTINUOUS

2"x4" SILL PLATE (MAX. 2 T25 P/F)

8" POURED CONC. FOUNDATION WALL

FIN. SLAB

2 LAYERS OF 1/2" GYPSUM WALL BOARD FOR FIRE-STOPPING CONTINUOUS

2"x4" SILL PLATE (MAX. 2 T25 P/F)

8" POURED CONC. FOUNDATION WALL

ALL GYPSUM BOARD TO BE TIGHT FIR AGAINST ROOF SHEATHING AND ROOF TRUSSES. MIDDLE GYPSUM BOARD BETWEEN TWO TRUSSES TO BE TIGHTLY SCREWED TO BOTH TRUSSES.

PER-ENGINEERED ROOF TRUSSES BY TRUSS MFG. @ 24" O.C.

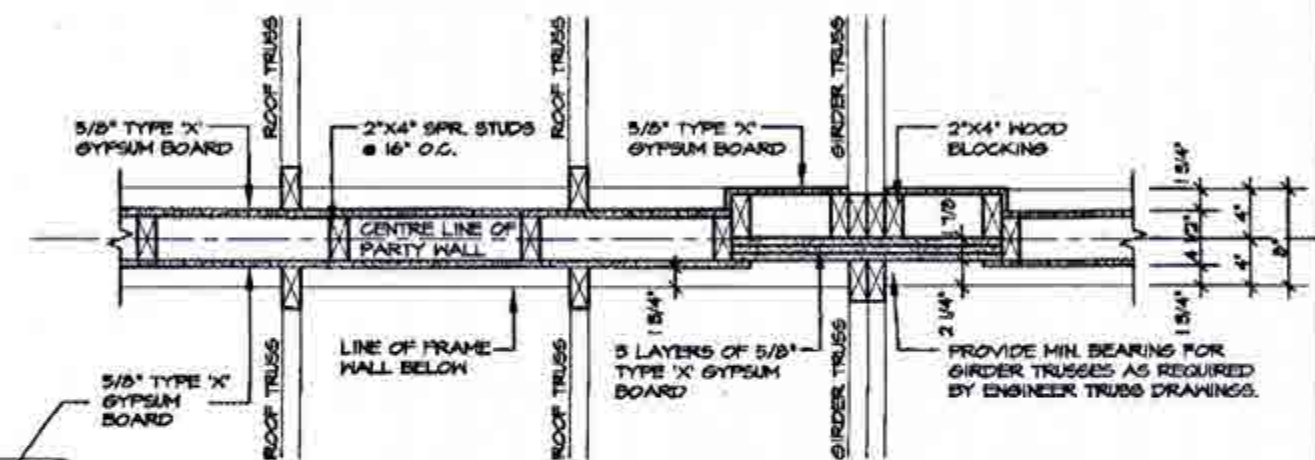
5/8" TYPE 'X' GYPSUM WALL BOARD

TOP OF PLATE

2 LAYERS OF 1/2" GYPSUM WALL BOARD FOR FIRE-STOPPING CONTINUOUS

5 ROWS (TOP, MIDDLE AND BOTTOM) OF 1"x4" STRAPPING TO RESTRAIN INSULATION FROM FALLING OUT.

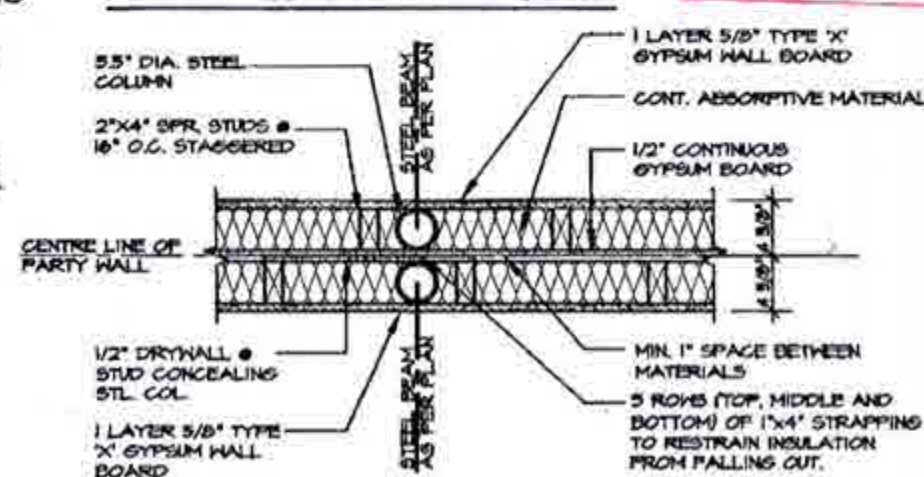
SECTION 1 FIRE SEPARATION IN ROOF SPACE TRUSSES PARALLEL TO PARTY WALL



PLAN OF FIRE SEPARATION IN ROOF SPACE TRUSSES PERPENDICULAR TO PARTY WALL



FLOOR JOISTS PARALLEL



PLAN OF PARTY WALL IN GARAGE

PARTY WALL PLAN SECTION

2012 CODE COMPLIANCE PACKAGE "A1"

TIGHTLY SEAL ANY GAPS WITH MINERAL WOOL OR NON-COMBUSTIBLE MATERIAL AS PER O.B.C. 4.10.12.1(3)

PROVIDE BEARING FOR GIRDER TRUSSES AS PER TRUSS DRAWING SPECIFICATION

PRE-ENGINEERED ROOF TRUSSES AS PER TRUSS MANUFACTURERS DRAWINGS

TOP OF PLATE

2 LAYERS OF 1/2" GYPSUM WALL BOARD FOR FIRE-STOPPING CONTINUOUS

5 ROWS (TOP, MIDDLE AND BOTTOM) OF 1"x4" STRAPPING TO RESTRAIN INSULATION FROM FALLING OUT.

5/8" TYPE 'X' GYPSUM WALL BOARD

FIN. SECOND FLOOR

ABSORPTIVE MATERIAL

2 LAYERS OF 1/2" GYPSUM WALL BOARD FOR FIRE-STOPPING CONTINUOUS

5 ROWS (TOP, MIDDLE AND BOTTOM) OF 1"x4" STRAPPING TO RESTRAIN INSULATION FROM FALLING OUT.

5/8" TYPE 'X' GYPSUM WALL BOARD

FIN. FIRST FLOOR

JOISTS FRAMING INTO PARTY WALL

SOLID BLOCKING BETWEEN JOISTS

CONTINUOUS RIM BOARD

1/2" DIA. ANCHOR BOLTS EMBEDDED IN POURED CONC. WALL

8" POURED CONC. WALL

CONTINUOUS BOND BREAKING MATERIAL

5" CONC. SLAB ON 5" COMPACTED GRAVEL

FIN. BASEMENT SLAB

CONC. FTG. C/W 2"x4" KEYWAY ON NATURAL UNDISTURBED SOIL FOR SIZES SEE ARCHITECTURAL DRAWINGS

WOOD FRAME PARTY WALL TRUSSES PERPENDICULAR TO PARTY WALL

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
Required unless design is exempt under Division C, Subsection 3.2.5 of the building code

VIKAS GAJAR

SIGNATURE

28770

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8700 DUFFERIN ST.

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P (416) 736-4090

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REGION DESIGN INC.

SHEET TITLE

PARTY WALL WOOD

SCALE

3/4"=1'-0"

DATE

JULY 2018

CONTRACTOR SHALL CHECK ALL DIMENSIONS AND ELEVATIONS BEFORE COMMENCING WITH WORK AND REPORT ANY DISCREPANCIES TO THE DESIGNER. PRINTS ARE NOT TO BE SCALED.

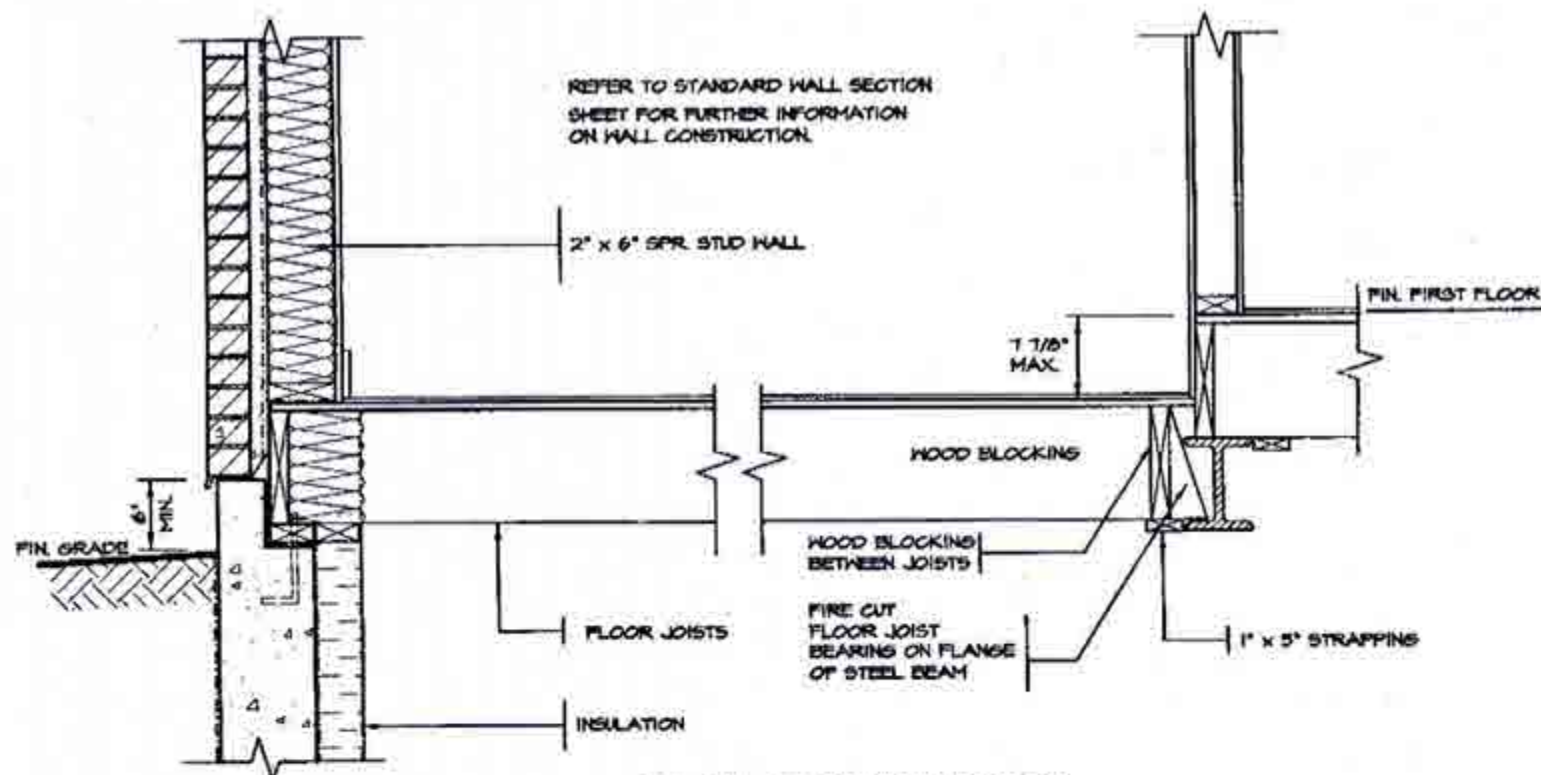
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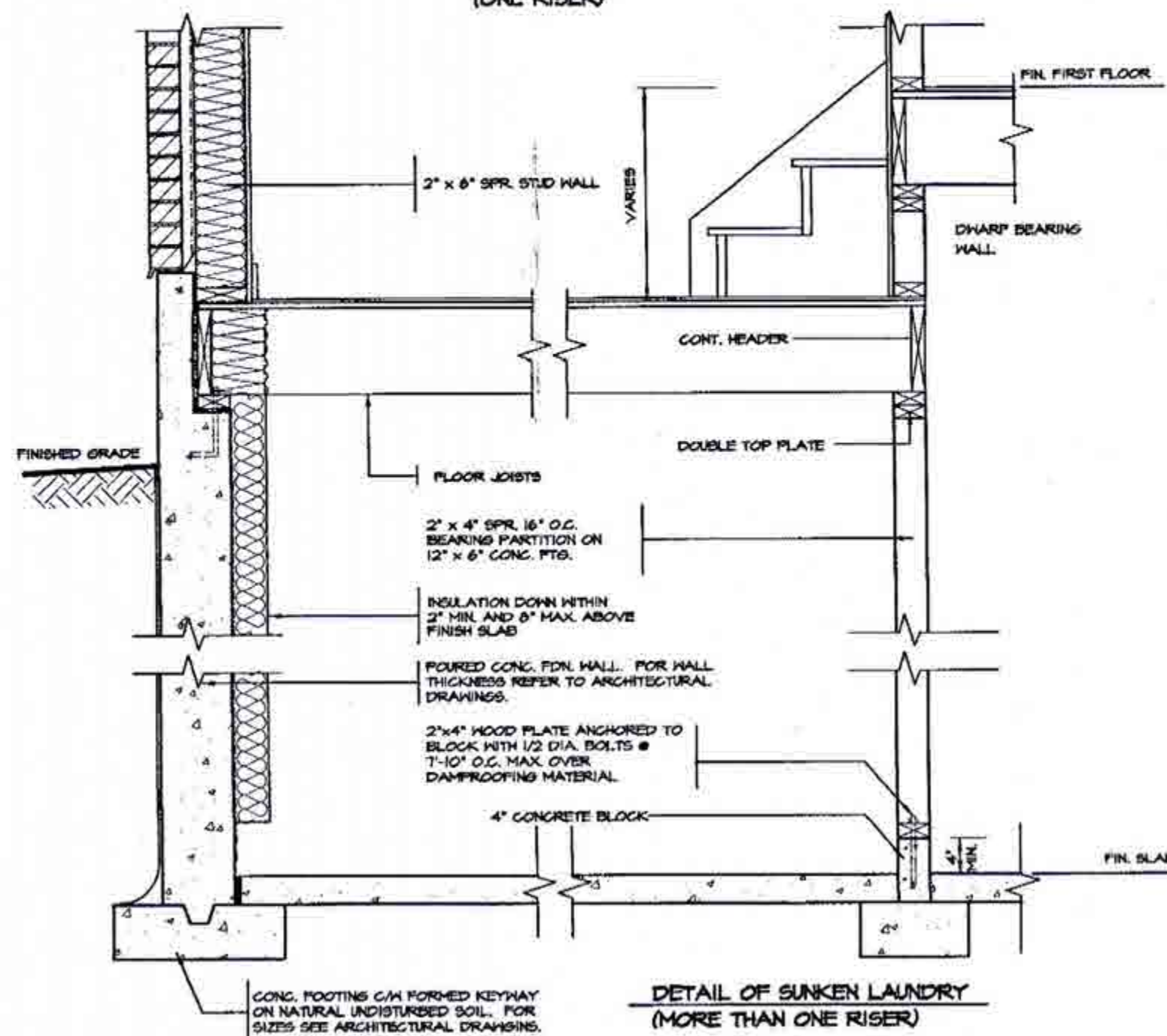
Greenpark

PROJECT NAME

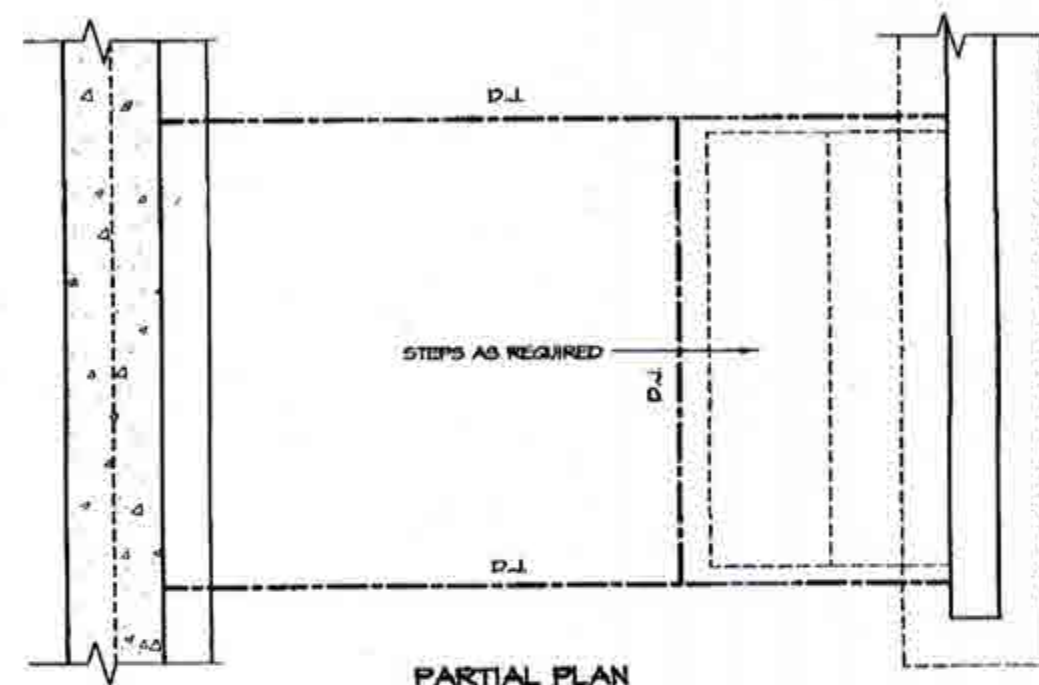
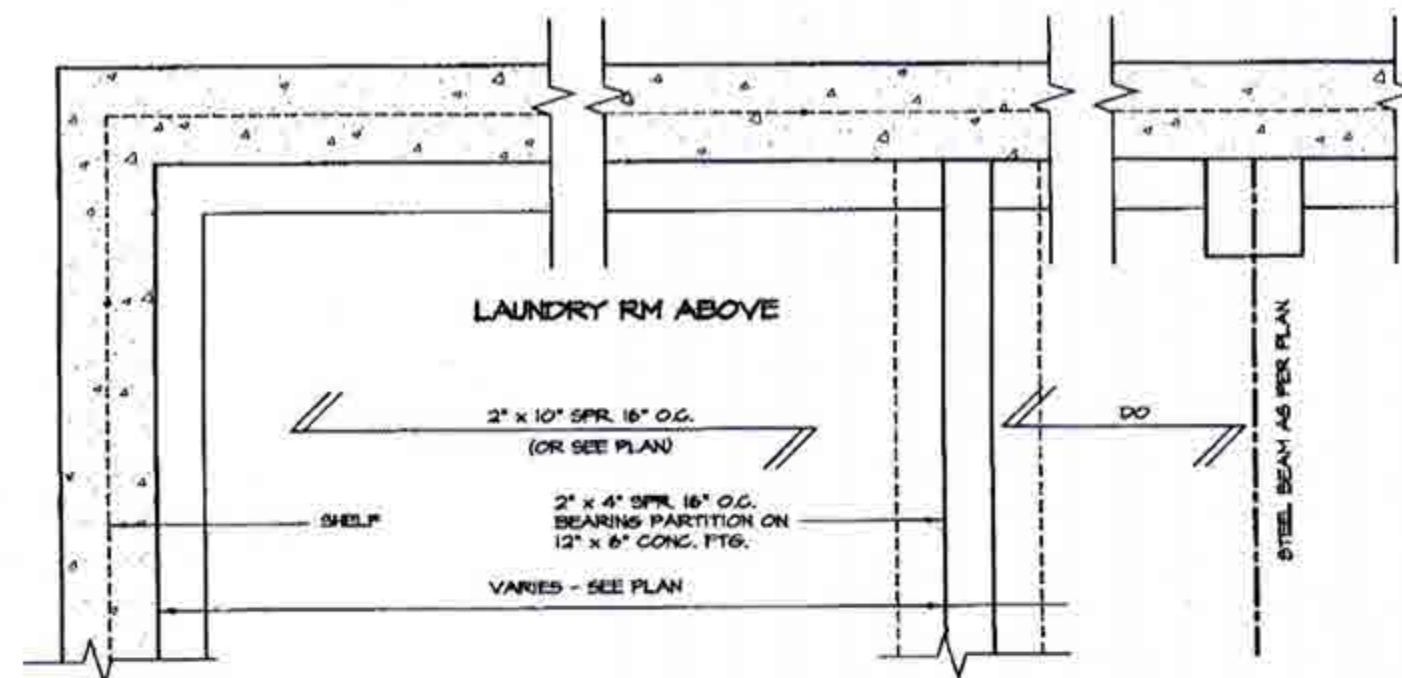
MINNISALE HOMES CORP.



DETAIL OF SUNKEN LAUNDRY
(ONE RISER)



DETAIL OF SUNKEN LAUNDRY
(MORE THAN ONE RISER)



PARTIAL PLAN

CITY OF BRAMPTON
BUILDING DIVISION
REVIEWED
JAN 11 7 2019
BY
MARK DERKSEN



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2012 CODE
COMPLIANCE PACKAGE "A1"

REVISIONS	
1. ISSUED FOR PERMIT	JUL 30, 2018

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
Required unless design is exempt under Division C, Subsection 3.2.5 of the building code

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REGION
DESIGN
INC.

SHEET TITLE
LAUNDRY DETAILS
SUNKEN

SCALE
3/4"=1'-0"

DATE
JULY 2018

CONTRACTOR SHALL CHECK ALL DIMENSIONS AND ELEVATIONS BEFORE COMMENCING WITH WORK AND REPORT ANY DISCREPANCIES TO THE DESIGNER. PRINTS ARE NOT TO BE SCALED.

PAGE No.
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Greenpark.

PROJECT NAME
MINNISALE HOMES CORP.

EAVE PROTECTION SHALL BE PROVIDED FROM THE EDGE OF ROOF A MIN. 5'-0" (1500mm) UP FROM THE ROOF SLOPE TO A LINE NOT LESS THAN 1'-0" (300mm) INSIDE THE INNER FACE OF THE EXTERIOR WALL. EAVE PROTECTION SHALL BE LAID BENEATH THE STARTER STRIP AND SHALL CONSIST OF TYPE 'M' OR TYPE 'S' ASPHALT COATED ROOFING SHEETS.

210 ASPHALT SHINGLES ON 3/8" PLYWOOD SHEATHING USE 'Y' CLIPS FOR TRUSSES

STARTER STRIP OF ROOF SHINGLES REQUIRED

SEE PLAN FOR ROOF SLOPE

ROOF TRUSSES @ 24" o.c. MAX. RAISED HEEL TO MATCH PLATE

TOP OF WOOD PLATE

2"x6" FASCIA BOARD PREFINISHED METAL GUTTER, FASCIA AND VENTED SOFFIT

1 1/2"x6" RAISED STUCCO FRIEZE BOARD (TYP)

MESH BACKRAPPED

1/2" (12mm) DRYWALL FINISH OVER CONT. 6 MIL. POLY VAPOUR/AIR BARRIER & MIN. R-50 INSULATION

MIN. R-22 INSULATION ABOVE INNER FACE OF EXTERIOR WALL

DOUBLE TOP PLATE

1/2" GYPSUM BOARD

2"x6" BOTTOM PLATE

LAP VAPOUR AND AIR BARRIER 4" AND SECURE TO PLATE

FIN. FLOORING ON 5/8" T&G PLYWOOD

FINISHED SECOND FLOOR

PARALLEL JOISTS, T&G WOOD BLOCKING @ 36" o.c.

FLOOR JOISTS SEE PLAN

1/2" GYPSUM BOARD

CILING FINISH

SINGLE CONT. TIMBERSTRAND

AIR BARRIER RUN BETWEEN DOUBLE TOP PLATE AND UP UNDER FLOOR PLATE

DOUBLE TOP PLATE

1/2" GYPSUM BOARD

SINGLE CONT. TIMBERSTRAND

FIN. FLOORING ON 3/4" T&G PLYWOOD

FINISHED FIRST FLOOR

- FIN. COAT OF EXTERIOR ACRYLIC STUCCO
- FIBER MESH EMBEDDED IN PREP. COAT
- INSULATION BOARD (MIN. R-5) W/ GEOMETRICALLY DEFINED DRAINAGE CAVITY HAVING A MIN. CAVITY DEPTH OF 1/4"
- AIR/MOISTURE BARRIER
- 1/16" EXTERIOR GRADE OSB SHEATHING
- 2" X 6" STUDS
- MIN. R-22 BATT INSULATION
- CONT. VAPOUR / AIR BARRIER
- 1/2" DRYWALL

(IFPS APPROVED SYSTEM, ALL MATERIALS AND SYSTEMS SHALL CONFORM TO CANULC-5716.0)

CONCRETE SILL

CONTINUOUS HEADER JOIST W/ R-22 INSULATION W/ 6 MIL. VAPOUR BARRIER AND SEAL TO JOIST AND SUBFLOOR

4" FACE BRICK TIED TO STUDS WITH GALVANIZED 1/8" WIDE METAL TIES @ 16" o.c. HORIZONTAL AND 24" o.c. VERTICAL

SCREENED WEAVING HOLES 5/8" DIA. AT 24" o.c. AT BOTTOM OF CAVITY 6 MIL. POLYETHYLENE BASE FLASHING BENEATH WEAVING AND 6" UP BEHIND BUILDING PAPER

HEAVY COAT OF BITUMEN OVER CONG. WALL

FOUNDATION WALLS TO BE WATER PROOFED OR PROVIDE A DRAINAGE LAYER ADJACENT TO EXT. SURFACE OF FOUNDATION WALL AND EXTEND TO FOOTING LAYER OR PROVIDE "SYSTEM PLANTON AIR GAP MEMBRANE"

CEMENT COVE

4" DIA. WEAVING TILES W/6" CRUSHED STONE COVER

FIN. SLAB

CONG. FOOTING CAN FORMED KEYWAY ON NATURAL UNDISTURBED SOIL. FOR FOOTING SIZES SEE ARCHITECTURAL DRAWINGS.

2 STOREY WALL SECTION



FOR STRUCTURE ONLY

CITY OF BRAMPTON BUILDING DIVISION REVIEWED BY: S. HANNA JAN 2 2019 ATTACHED NOTES ARE PART OF REVIEWED DRAWINGS. ALL WORK MUST COMPLY WITH DECS.

WOOD SHEATHING

AIR/MOISTURE BARRIER

FIBRE MESH EMBEDDED IN PREP. COAT

INSULATION BOARD (R-5) W/ GEOMETRICALLY DEFINED DRAINAGE CAVITY HAVING A MIN. CAVITY DEPTH OF 1/4"

STARTER MESH (BACKRAPPED)

CAULK WITH BEAD VENT

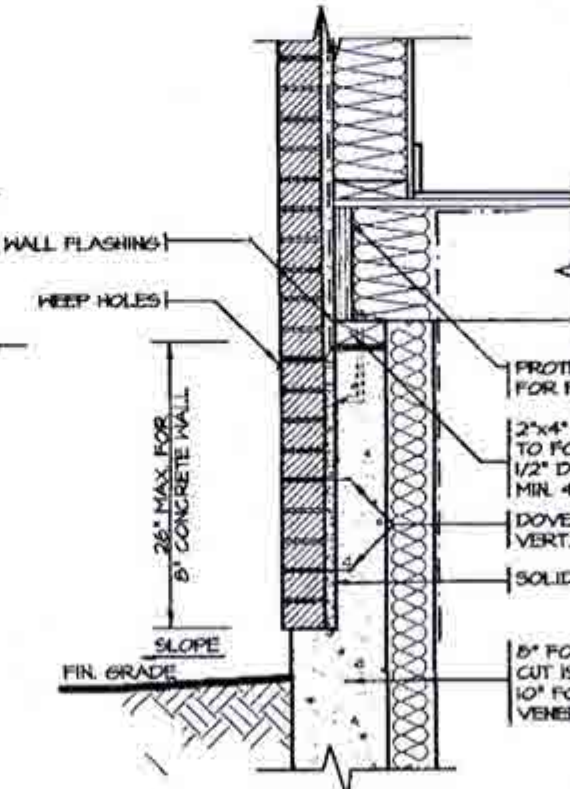
FLASHING

CONCRETE SILL

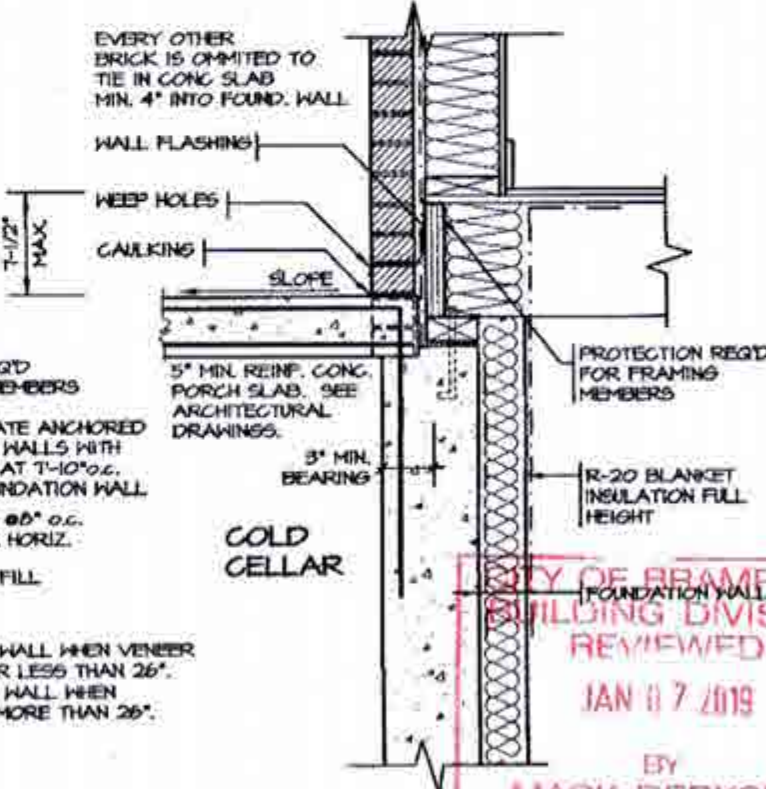
MASONRY CLADDING AS PER ELEVATION

A. TERMINATION AT MASONRY CLADDING WITH SEALANT

1 1/2" = 1'0"



DETAIL FOR CONCRETE VENEER DROPPED GRADE



DETAIL FOR COLD CELLAR PORCH SLAB

2012 CODE COMPLIANCE PACKAGE "A1"

REVISIONS	
5.	
4.	
3.	
2.	
1. ISSUED FOR PERMIT	JUL 30, 2018

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
Required unless design is exempt under Division C, Subsection 3.2.5 of the building code

VIKAS GAJJAR
NAME

28770
BCIN

REGION DESIGN INC.
6700 DUFFERIN ST.
CONCORD, ONTARIO
L4K 4S6
P. (416) 736-4096
F. (905) 660-0746

REGION DESIGN INC.

SHEET TITLE
2"x6" STUCCO WALL
2 STOREY SECTION

SCALE
AS NOTED

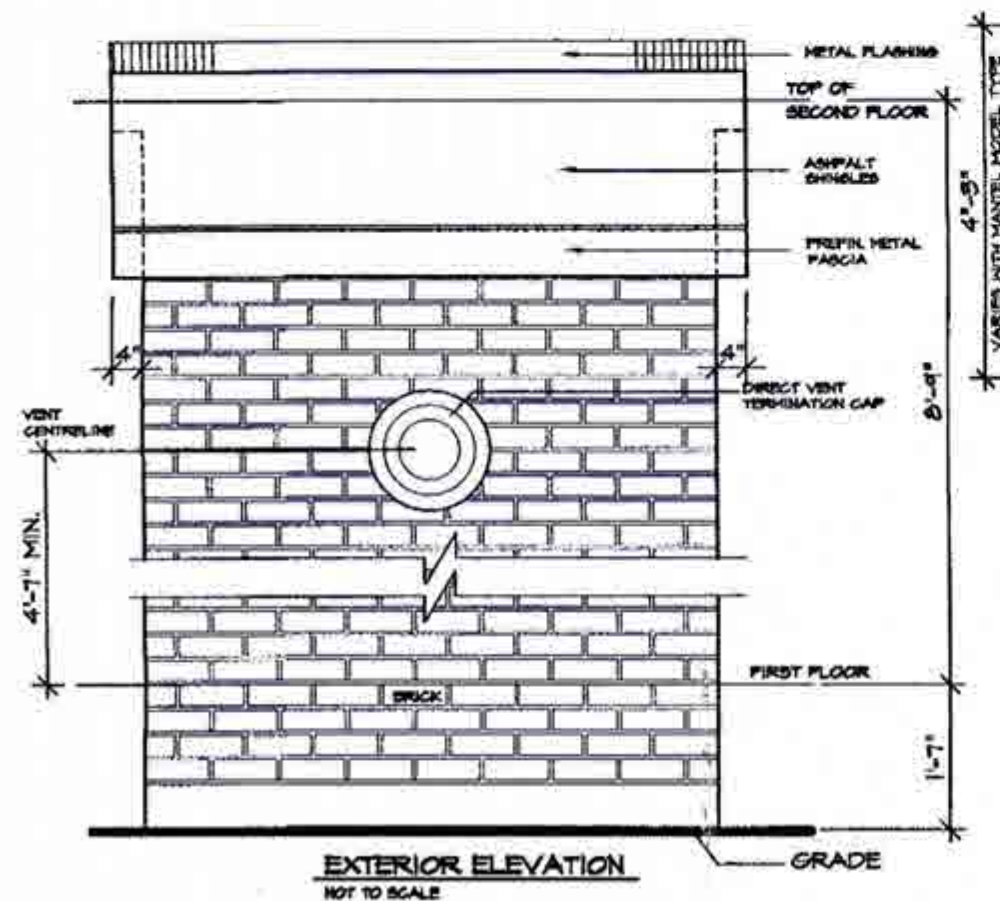
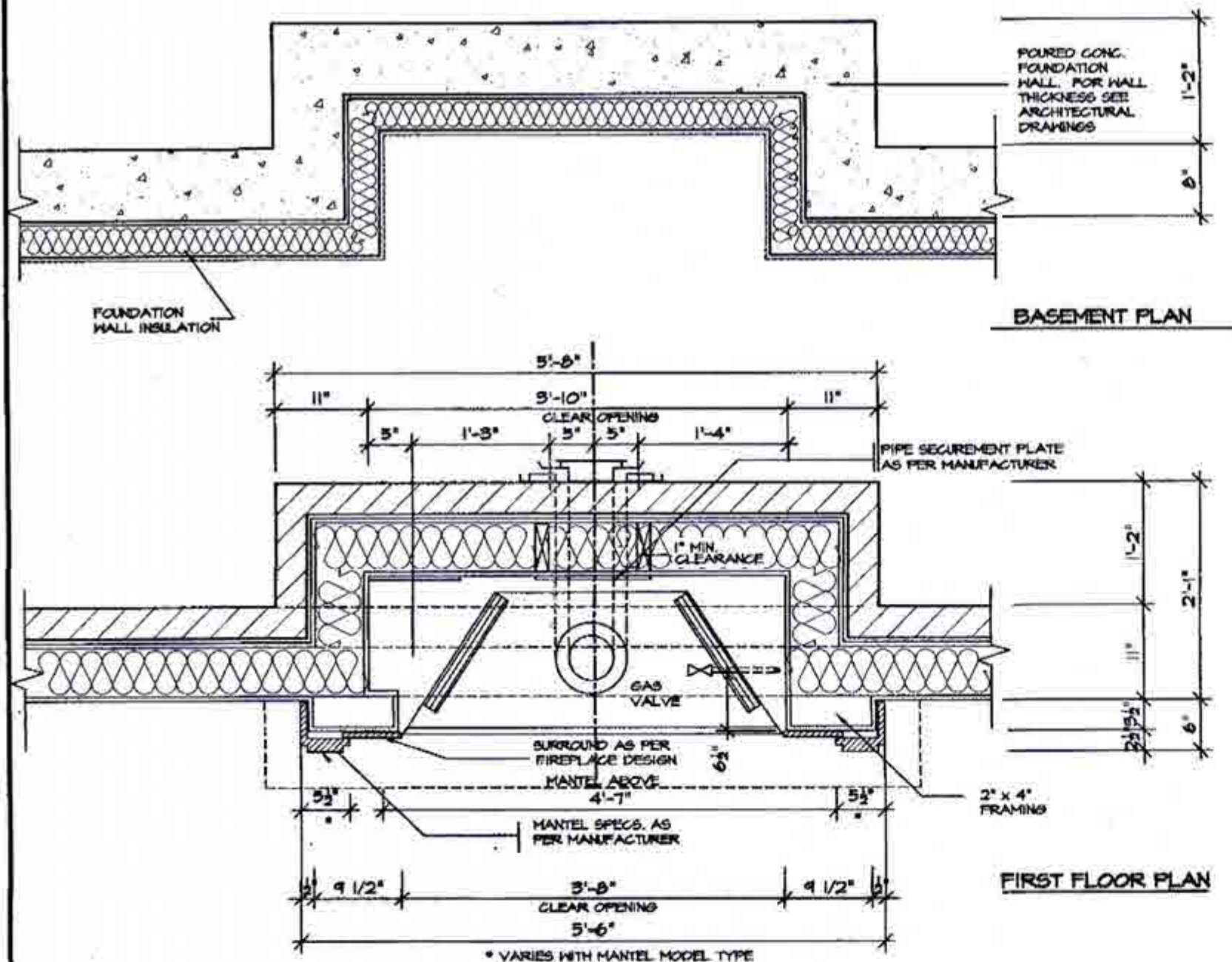
DATE
JULY 2018

CONTRACTOR SHALL CHECK ALL DIMENSIONS AND ELEVATIONS BEFORE COMMENCING WITH WORK AND REPORT ANY DISCREPANCIES TO THE DESIGNER. PRINTS ARE NOT TO BE SCALED.

PAGE No.
6-2

Greenpark

PROJECT NAME
MINNISALE HOMES CORP.

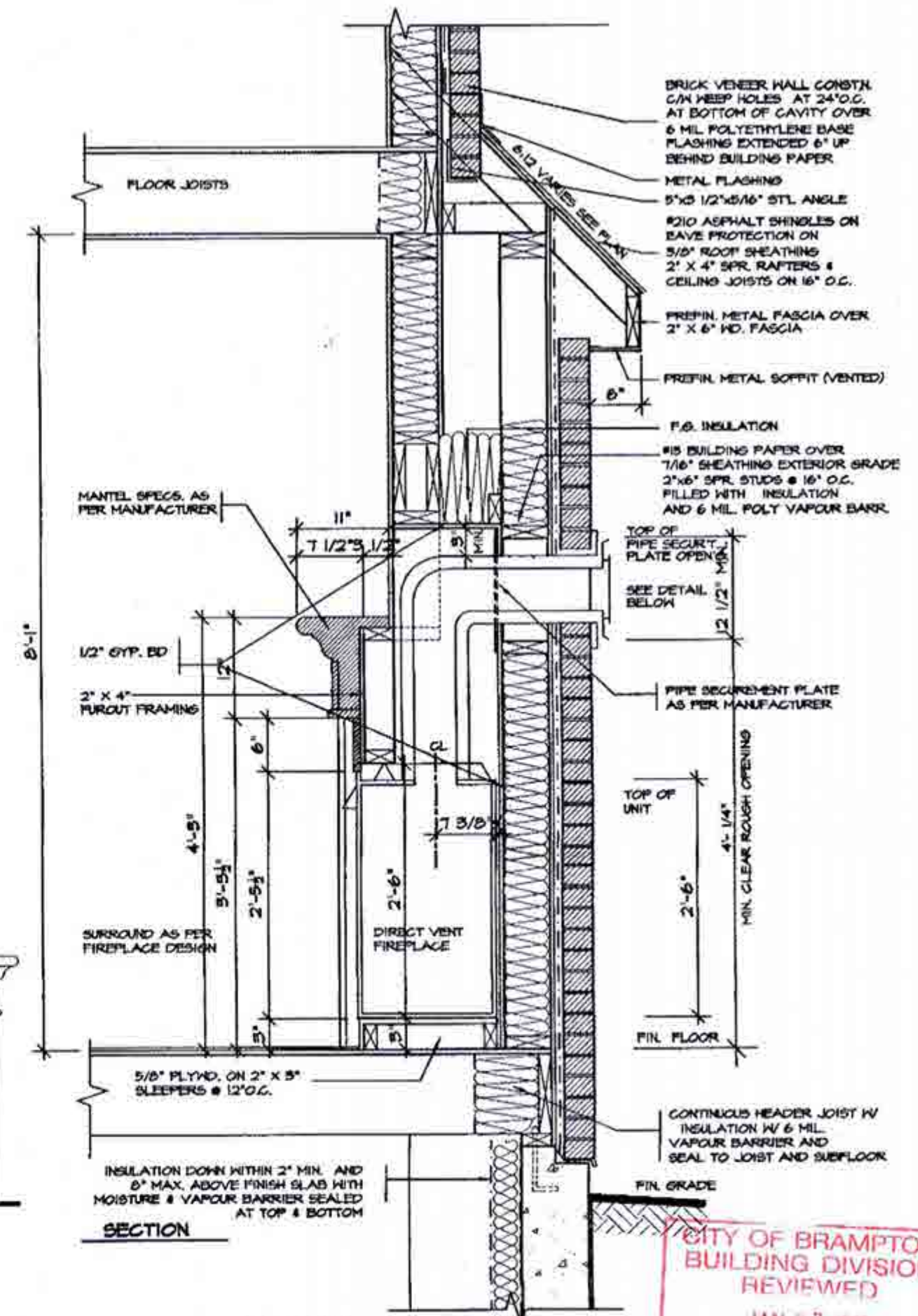


FRONT/SIDE ELEVATION

NOT TO SCALE

GENERAL INSTALLATION NOTES

- 1.0 UNIT INSTALLATION TO STRICTLY CONFORM TO MANUFACTURERS INSTALLATION MANUAL AND ALL APPLICABLE CODES OF LOCAL AUTHORITIES HAVING JURISDICTION INCLUDING CAN/CSA-B149.1 & 2.
- 2.0 INSTALL WITH THE FOLLOWING MINIMUM CLEARANCES TO COMBUSTIBLES:
 - FROM TOP OF UNIT 0"
 - FROM BACK OF UNIT 1/2"
 - FROM SIDES OF UNIT 1/2"
 - FROM TOP OF HORIZ. VENT 5"
 - FROM SIDES TO VENT 1"
- 3.0 THE DIRECT VENT UNIT ILLUSTRATED IS THE GC150 MODEL AS MANUFACTURED BY HEATILATOR.
- 4.0 THE MANTLE ILLUSTRATED IS THE S-2 GB AS SUPPLIED BY GREATER TORONTO FIREPLACE.



SECTION

INSULATION DOWN WITHIN 2" MIN. AND 8" MAX. ABOVE FINISH SLAB WITH MOISTURE & VAPOUR BARRIER SEALED AT TOP & BOTTOM



CITY OF BRAMPTON
BUILDING DIVISION
REVIEWED
JAN 17 2019
BY
MARK DERKSEN

**2012 CODE
COMPLIANCE PACKAGE "A1"**

NO.	REVISIONS	DATE
1.	ISSUED FOR PERMIT	JULY 30, 2018

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VIKAS GAJJAR
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28770
BCIN

SIGNATURE

REGION DESIGN INC.
8700 DUFFERIN ST.
CONCORD, ONTARIO
L4K 4S8
P (416) 736-4096
F (905) 660-0740

**REGION
DESIGN
INC.**

SHEET TITLE
**VENT FIREPLACE
DIRECT**

SCALE
3/4"=1'-0"

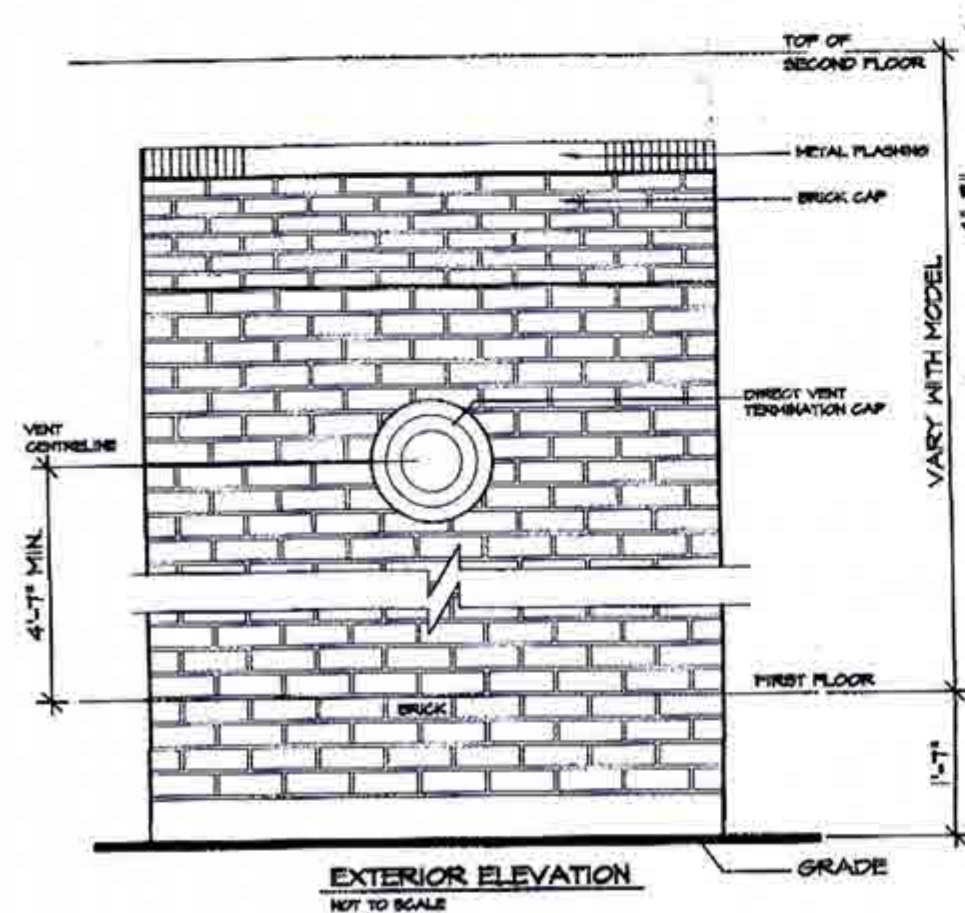
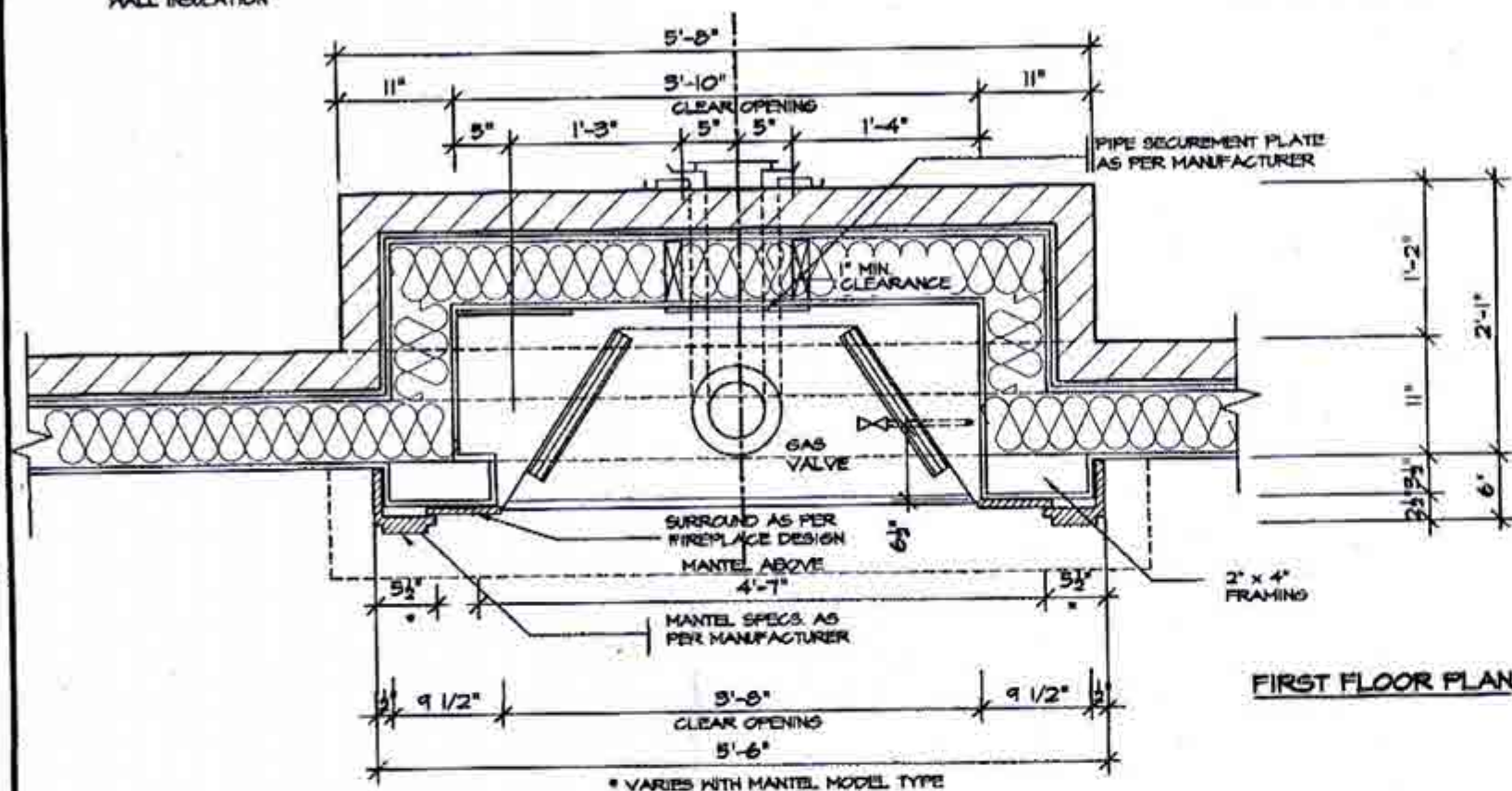
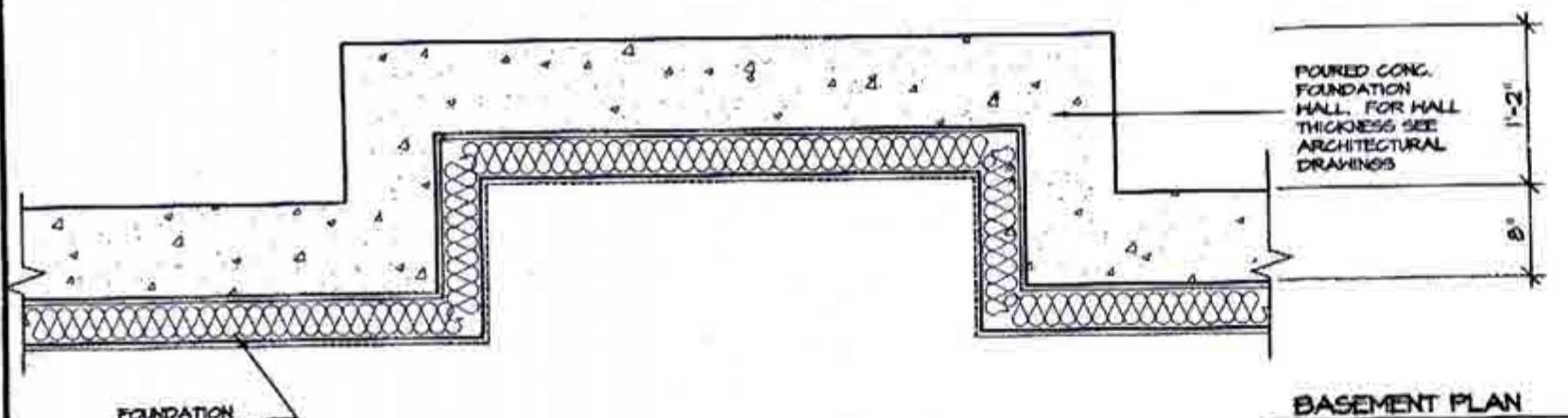
DATE
JULY 2018

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PAGE NO.
7

Greenpark

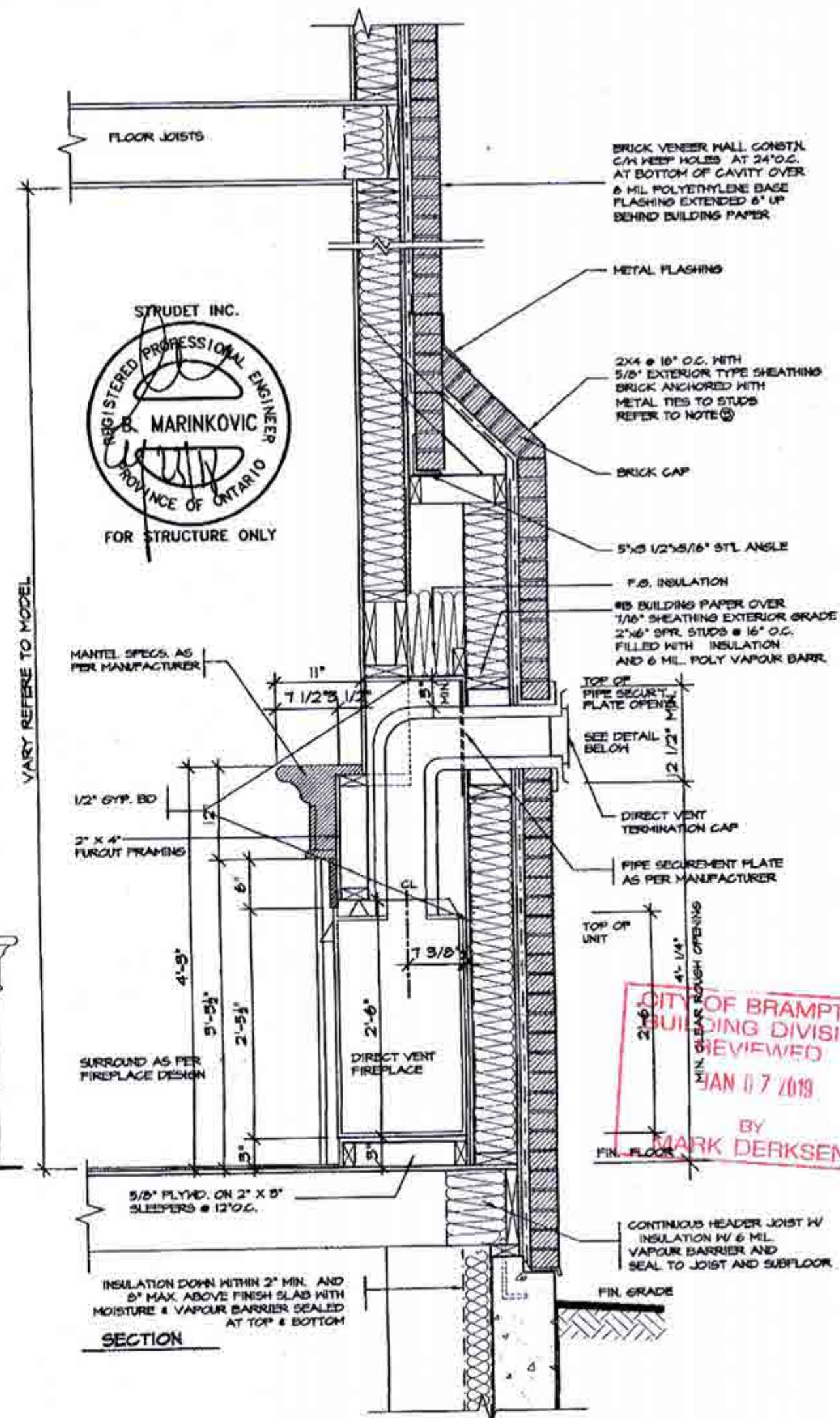
PROJECT NAME
MINNISALE HOMES CORP.



FRONT/SIDE ELEVATION
NOT TO SCALE

GENERAL INSTALLATION NOTES

- 1.0 UNIT INSTALLATION TO STRICTLY CONFORM TO MANUFACTURERS INSTALLATION MANUAL AND ALL APPLICABLE CODES OF LOCAL AUTHORITIES HAVING JURISDICTION INCLUDING CAN/CSA-B149.1 & 2.
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 - FROM SIDES TO VENT 1"
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**2012 CODE
COMPLIANCE PACKAGE "A1"**

5.		
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VIKAS GAJJAR
NAME

SIGNATURE

28770
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REGION DESIGN INC.
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OAKHURST, ONTARIO
L4K 4S6
P (416) 736-7096
F (905) 660-0746

**REGION
DESIGN
INC.**

SHEET TITLE
**VENT FIREPLACE
DIRECT**

SCALE
3/4"=1'-0"

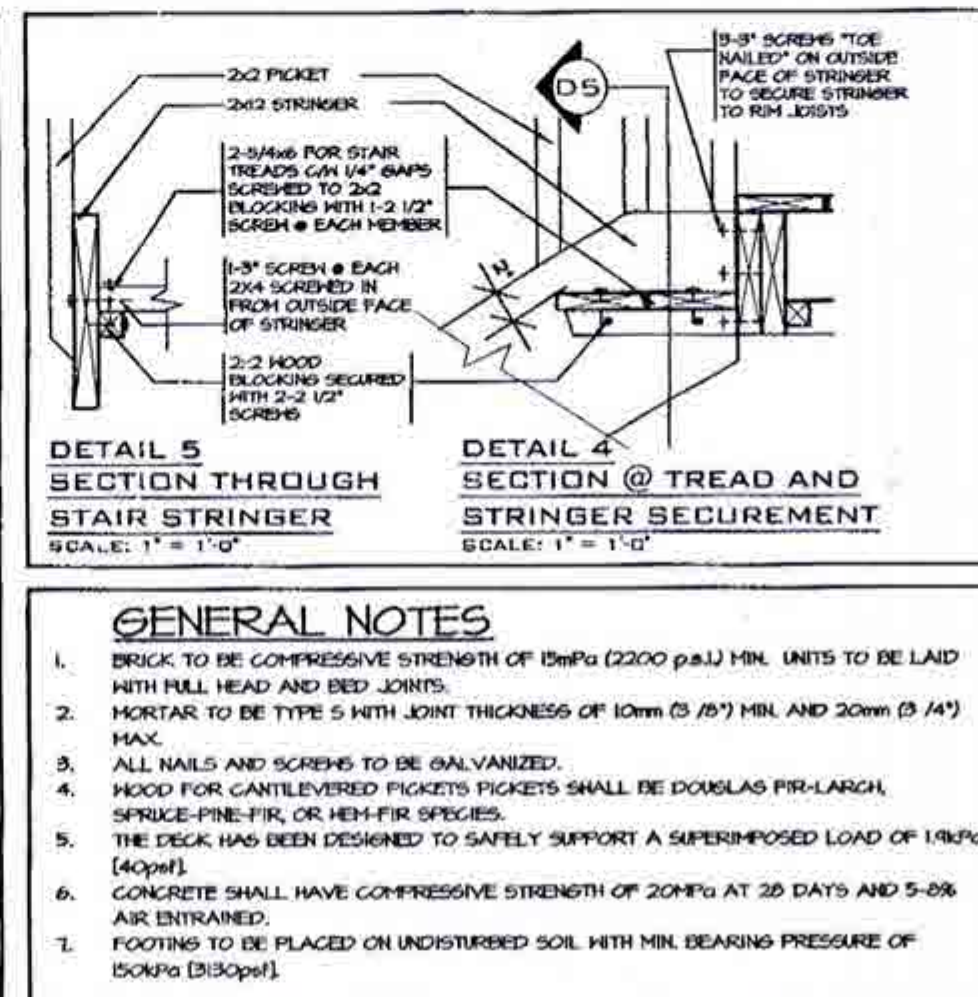
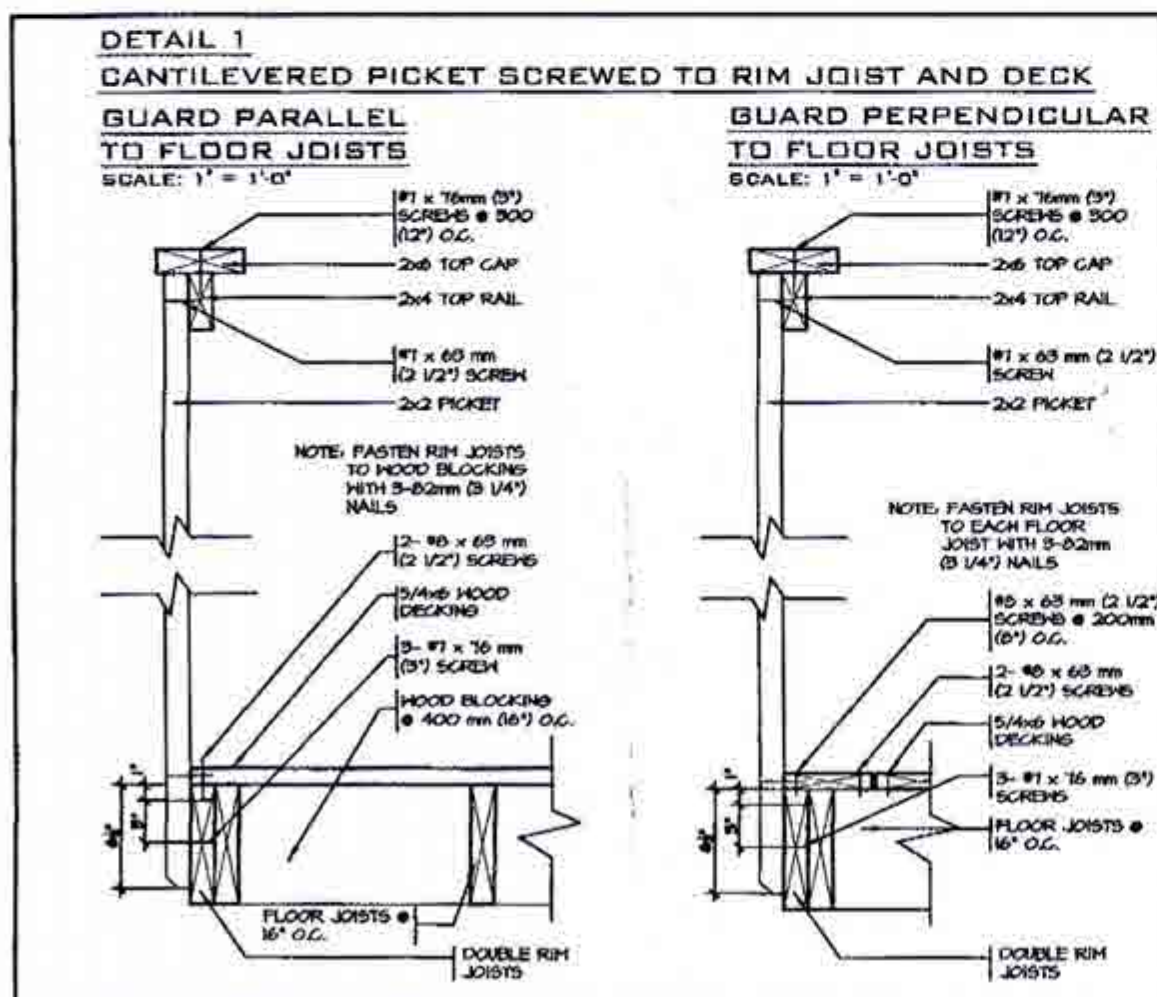
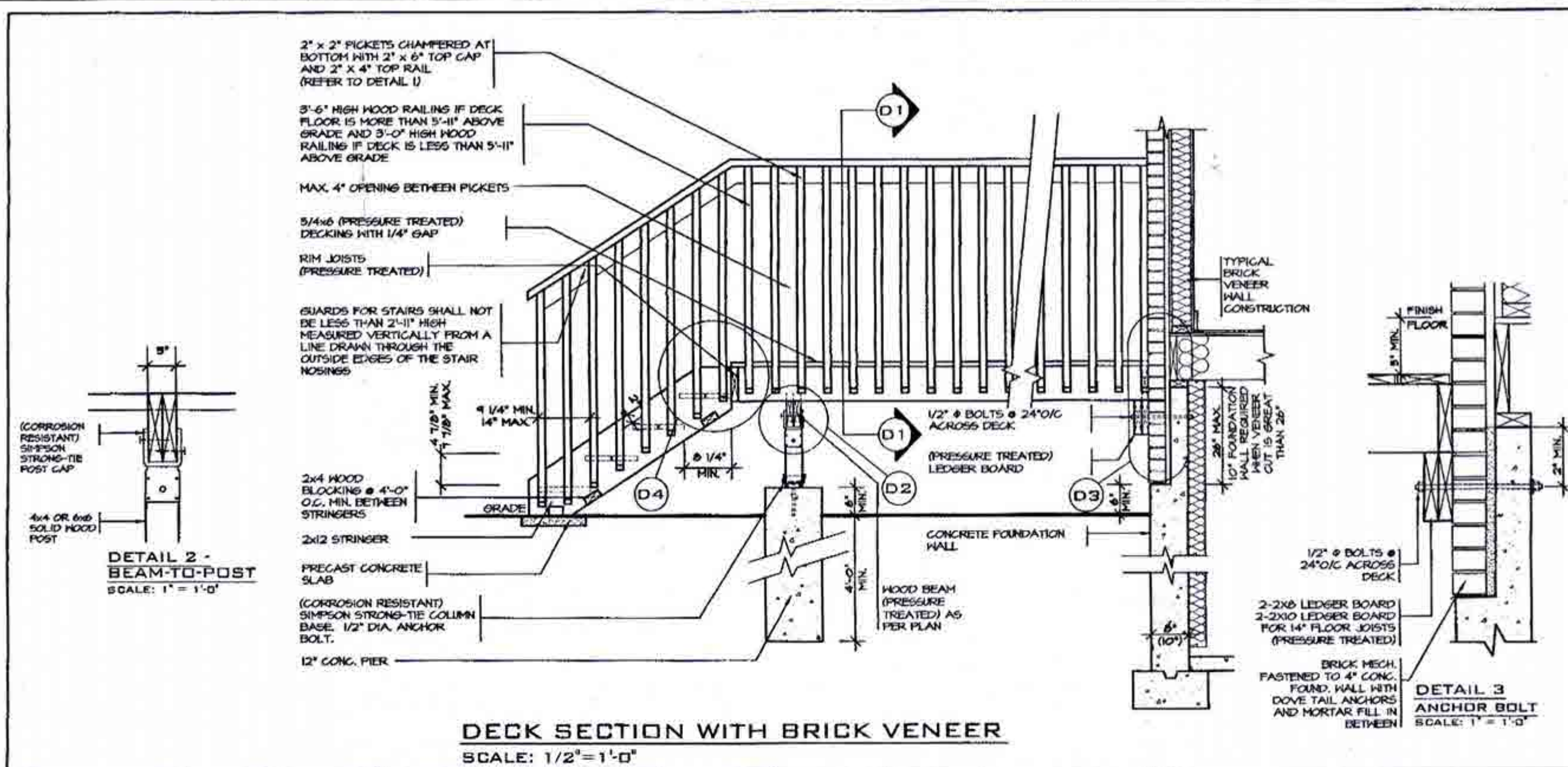
DATE
JULY 2018

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PAGE No.
7-2

Greenpark.

PROJECT NAME
MINNISALE HOMES CORP.



CITY OF BRAMPTON
BUILDING DIVISION
REVIEWED
JAN 07 2019
BY
MARK DERKSEN



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2012 CODE

COMPLIANCE PACKAGE "A1"

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8700 DUFFERIN ST.
CONCORD, ONTARIO
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P (416) 736-4098
F (905) 860-0746

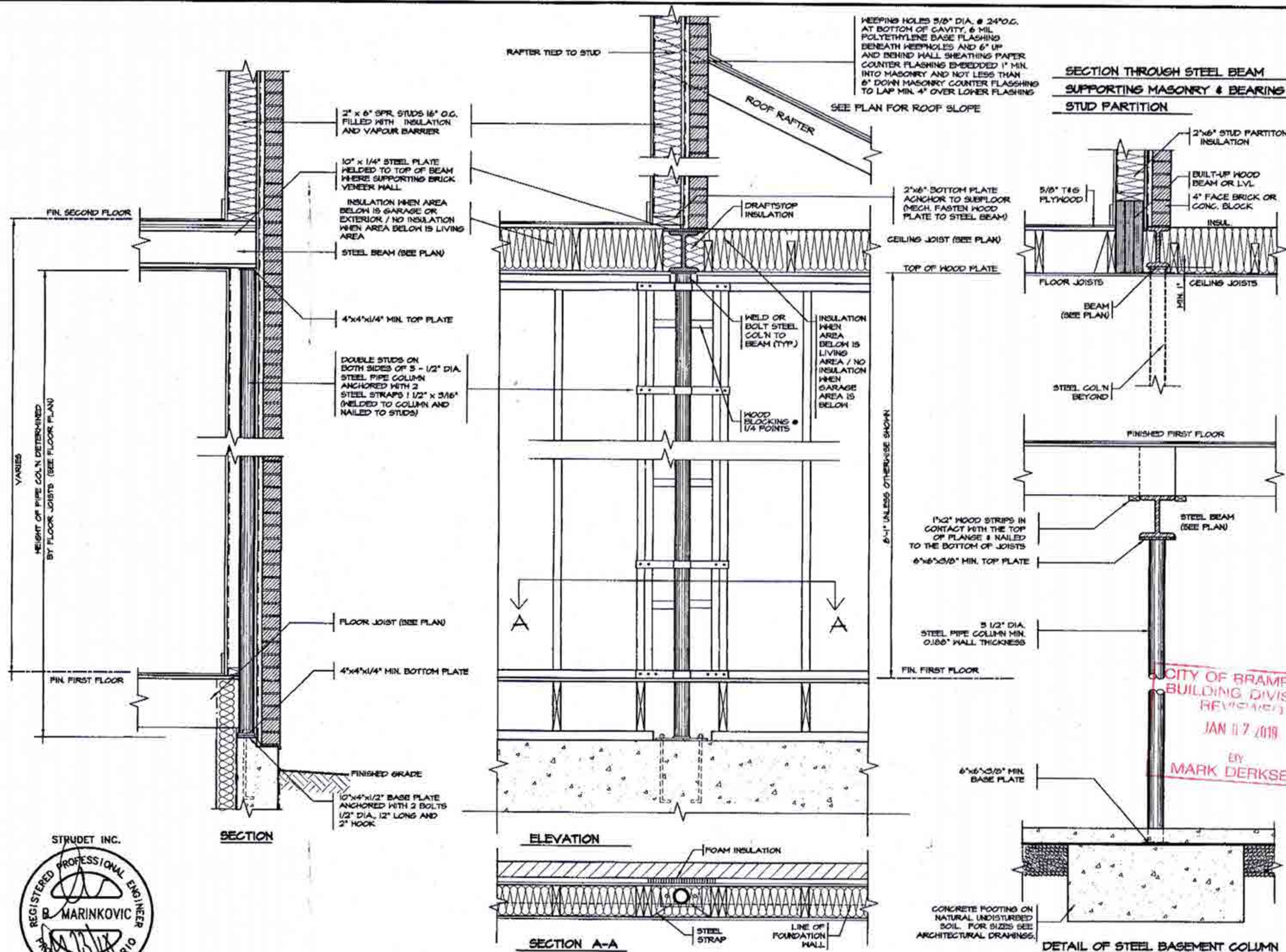
**REGION
DESIGN
INC.**

SHEET TITLE
**WOOD
DECK DETAIL**
SCALE
AS SHOWN
DATE
JULY 2018

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PAGE No.
8

Greenpark™
PROJECT NAME
MINNISALE HOMES CORP.



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REGION DESIGN INC.
8700 DUFFERIN ST.
CONCORD, ONTARIO
L4K 4S6
P (416) 736-4096
F (905) 660-0746

REGION DESIGN INC.

SHEET TITLE
COLUMN DETAILS STEEL

SCALE
3/4"=1'-0"

DATE
JULY 2018

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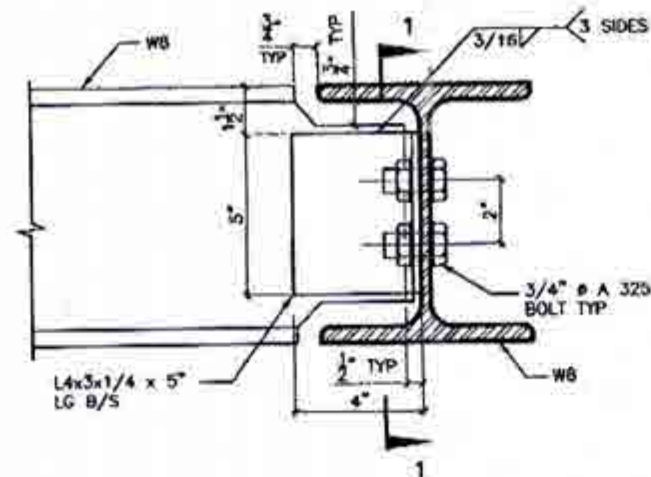
PAGE No.
9

Greenpark.

PROJECT NAME
MINNISALE HOMES CORP.

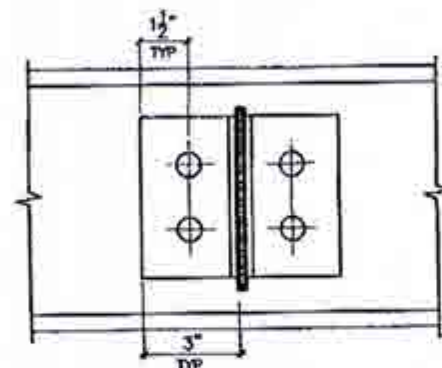
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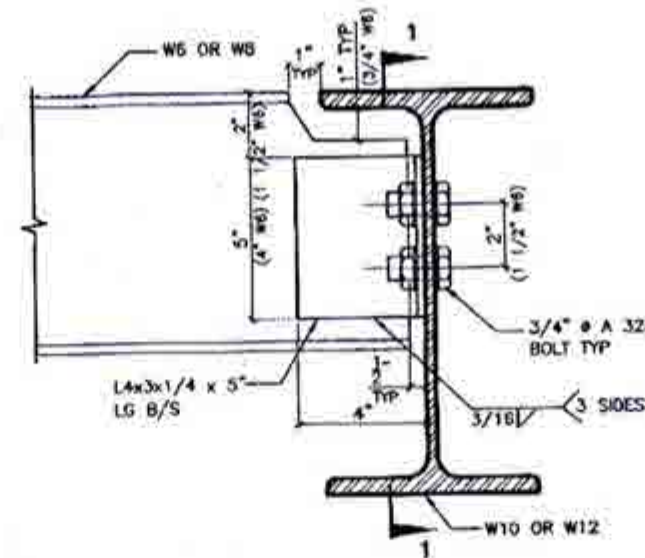


DETAIL 1.

W8
TO
W8
CONNECTION

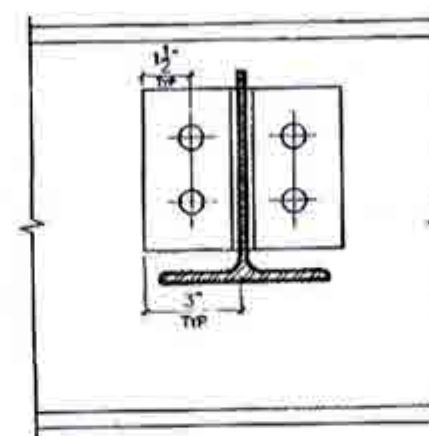


SECTION 1-1

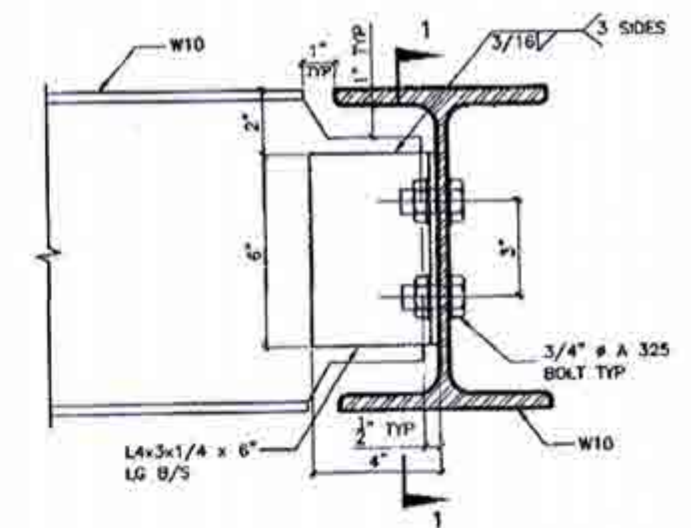


DETAIL 2.

W6(W8)
TO
W10(W12)
CONNECTION

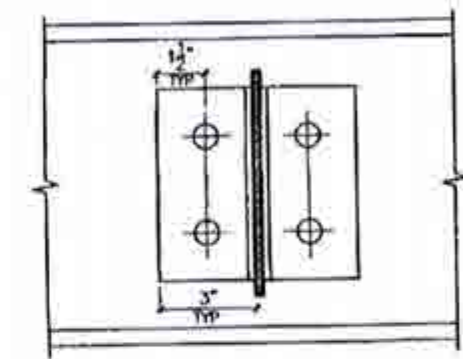


SECTION 1-1

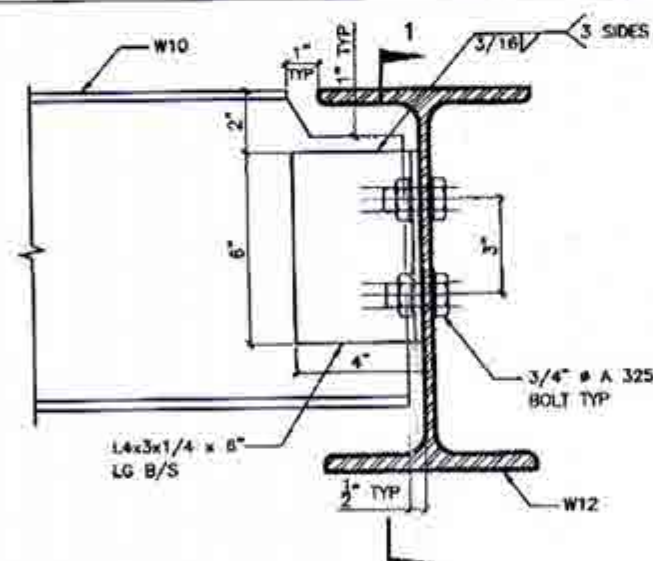


DETAIL 3.

W10
TO
W10
CONNECTION

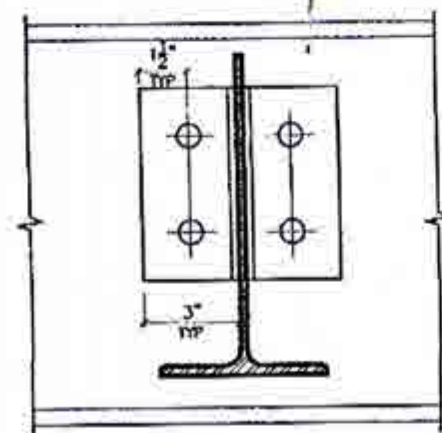


SECTION 1-1

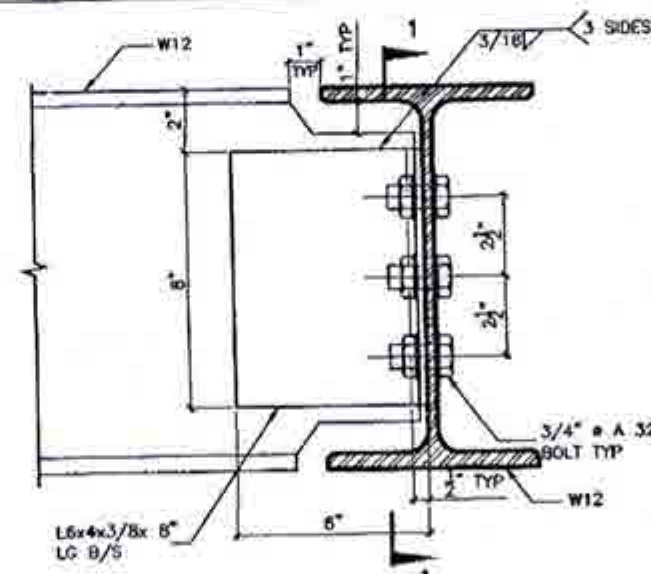


DETAIL 4.

W10
TO
W12
CONNECTION

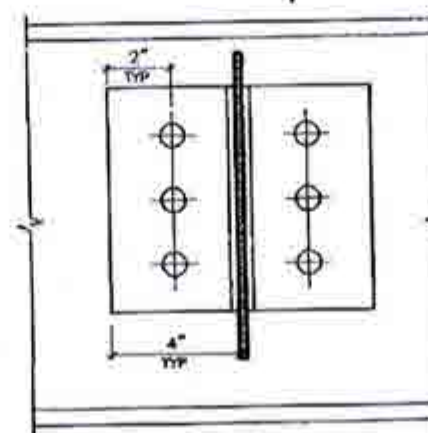


SECTION 1-1



DETAIL 5.

W12
TO
W12
CONNECTION

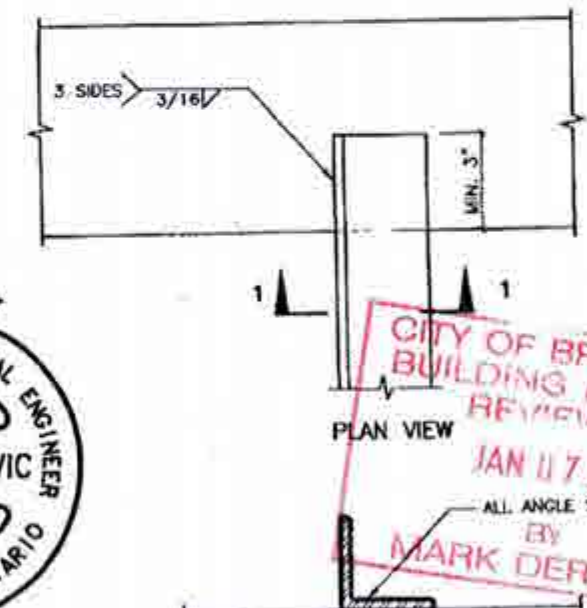


SECTION 1-1



DETAIL 6.

ANGLE
TO
BEAM
CONNECTION



SECTION 1-1 ALL BEAM SIZES

2012 CODE
COMPLIANCE PACKAGE "A1"

5.		
4.		
3.		
2.		
1.	ISSUED FOR PERMIT	JULY 30, 2018
REVISIONS		

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QUALIFICATION INFORMATION
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VIKAS GAJJAR
NAME SIGNATURE

28770
BCIN

REGION DESIGN INC.
8700 DUFFERIN ST.
CONCORD, ONTARIO
L4K 4S6
P (416) 736-4096
F (905) 660-0746

**REGION
DESIGN
INC.**

SHEET TITLE
**BEAM DETAILS
STEEL**

SCALE
N.T.S.

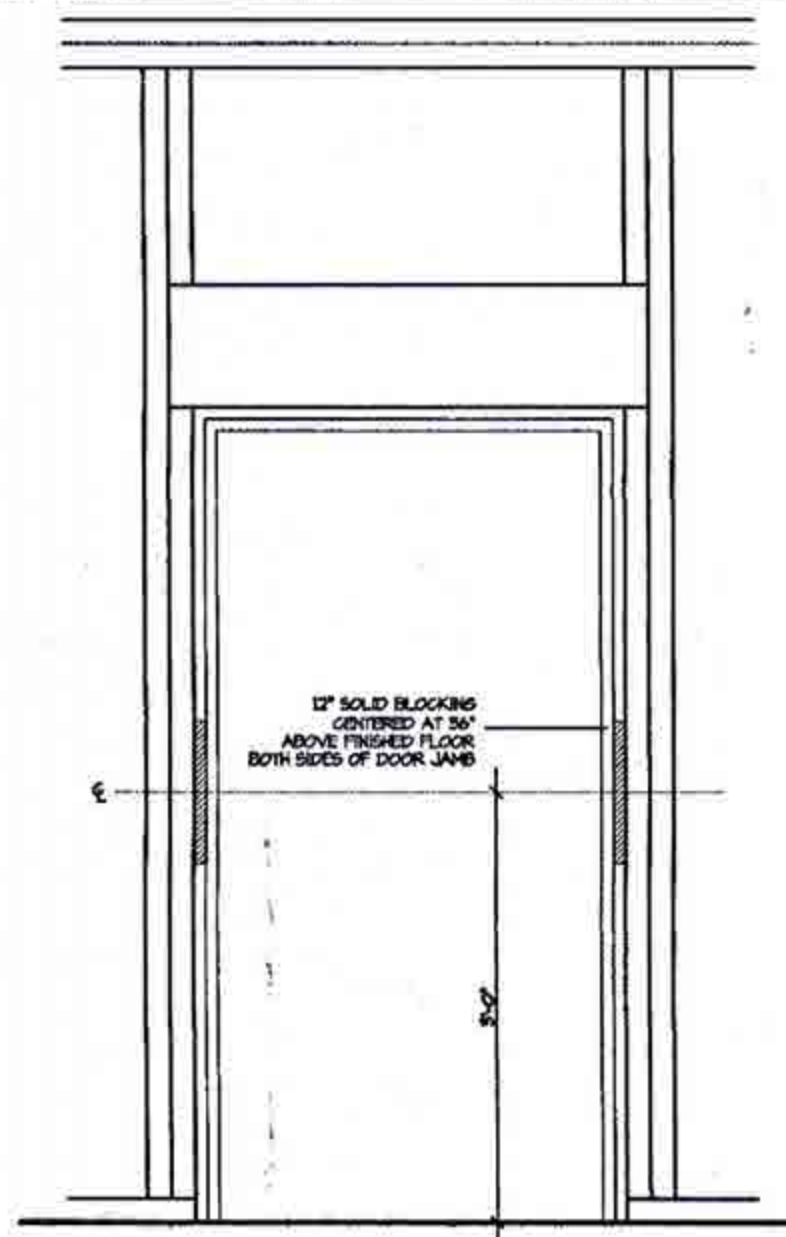
DATE
JULY 2018

CONTRACTOR SHALL CHECK ALL DIMENSIONS AND ELEVATIONS BEFORE COMMENCING WITH WORK AND REPORT ANY DISCREPANCIES TO THE DESIGNER. PRINTS ARE NOT TO BE SCALED.

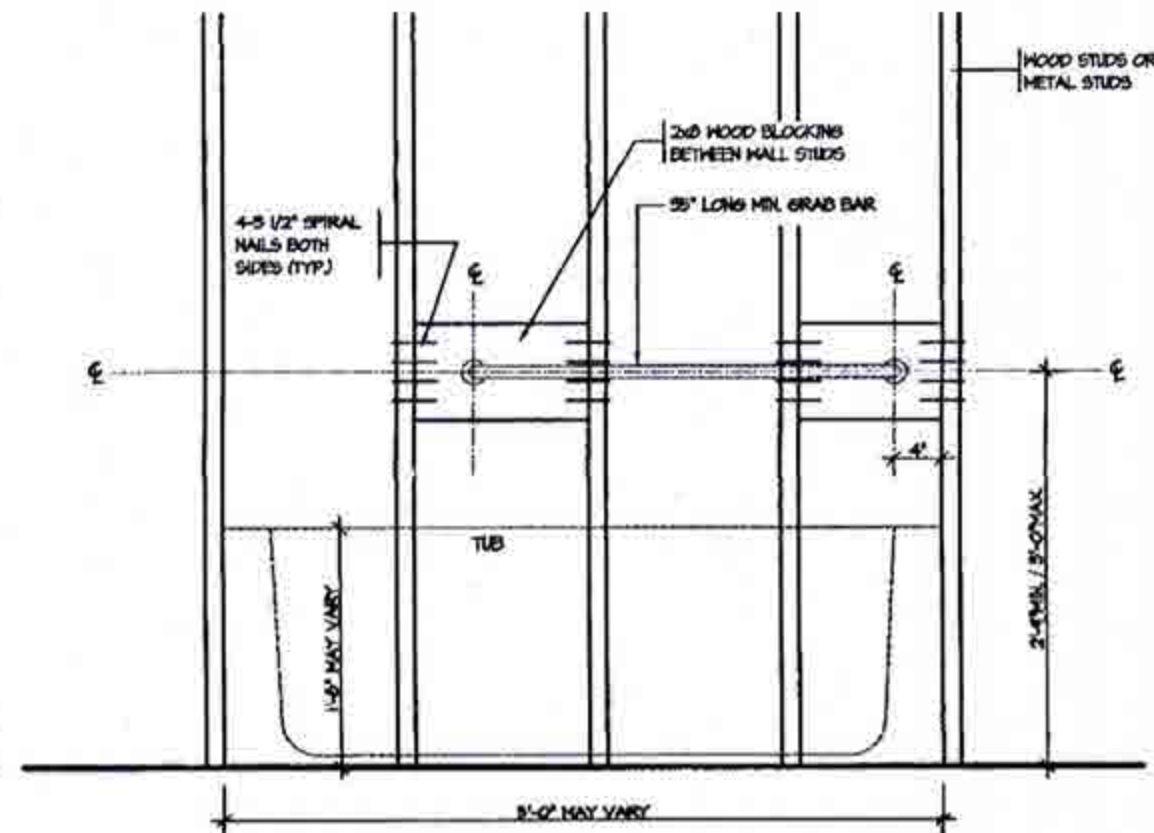
PAGE No.
10

Greenpark.

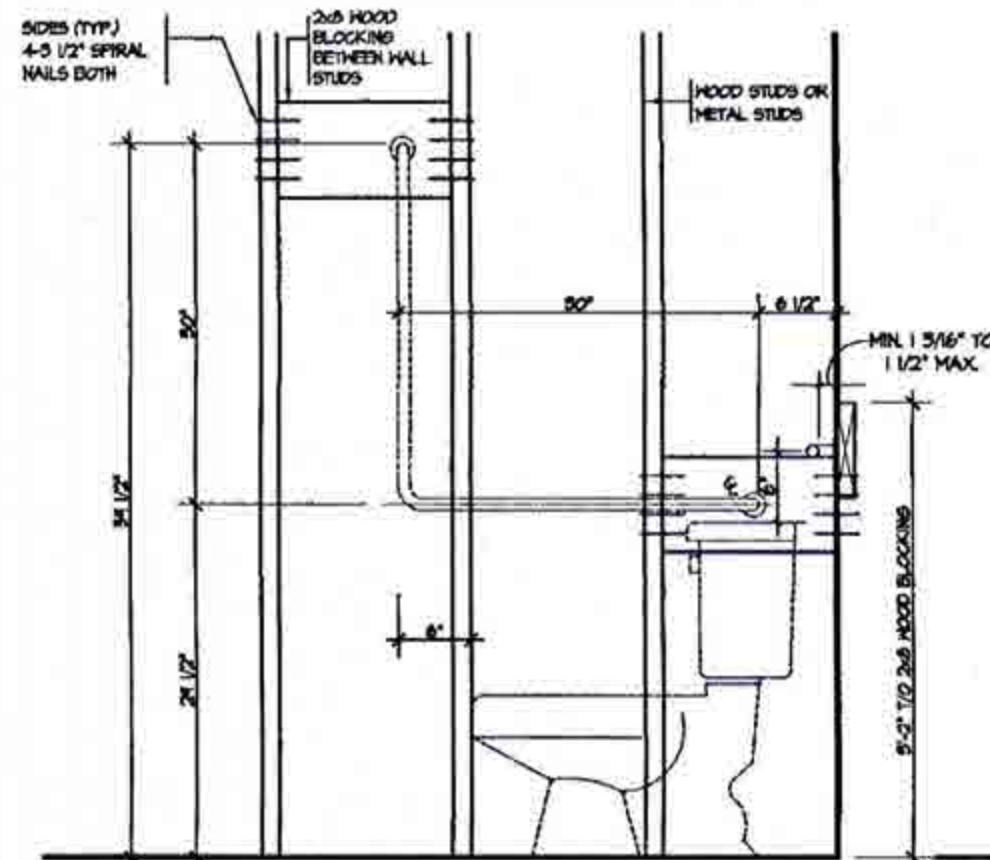
PROJECT NAME
MINNISALE HOMES CORP.



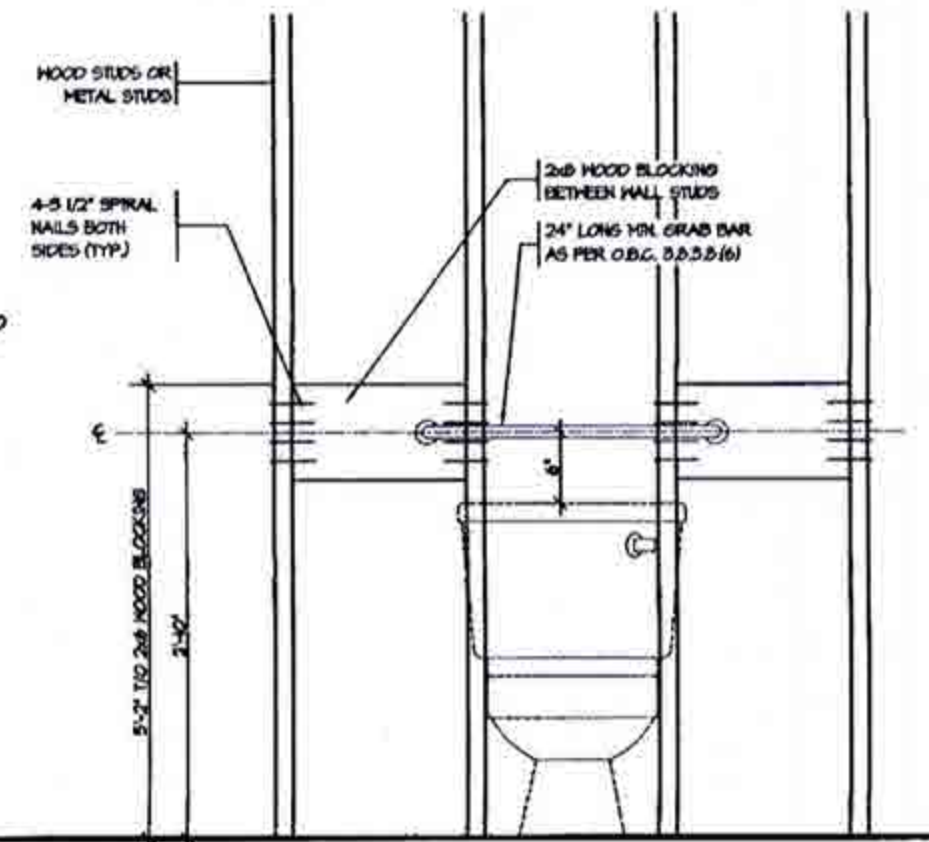
RESISTANCE TO FORCED ENTRY (OBC 9.6.5)



BATH TUB FRONT ELEVATION



TOILET SIDE ELEVATION



TOILET FRONT ELEVATION

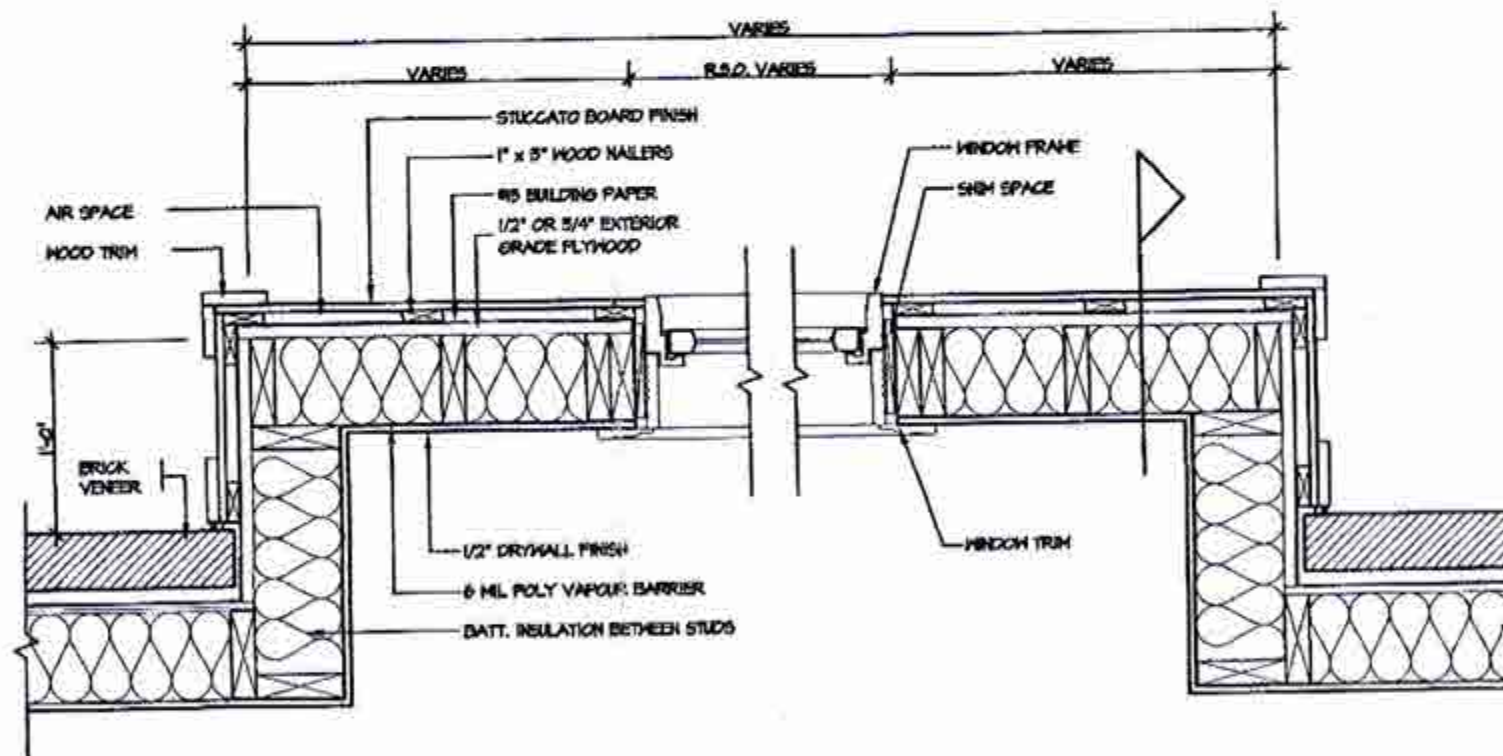
STRUCTURAL REINFORCEMENT FOR GRAB BAR (OBC 9.5.2.3)

CITY OF BRAMPTON
BUILDING DIVISION
REVIEWED
JAN 11 7 2019
BY
MARK DERKSEN



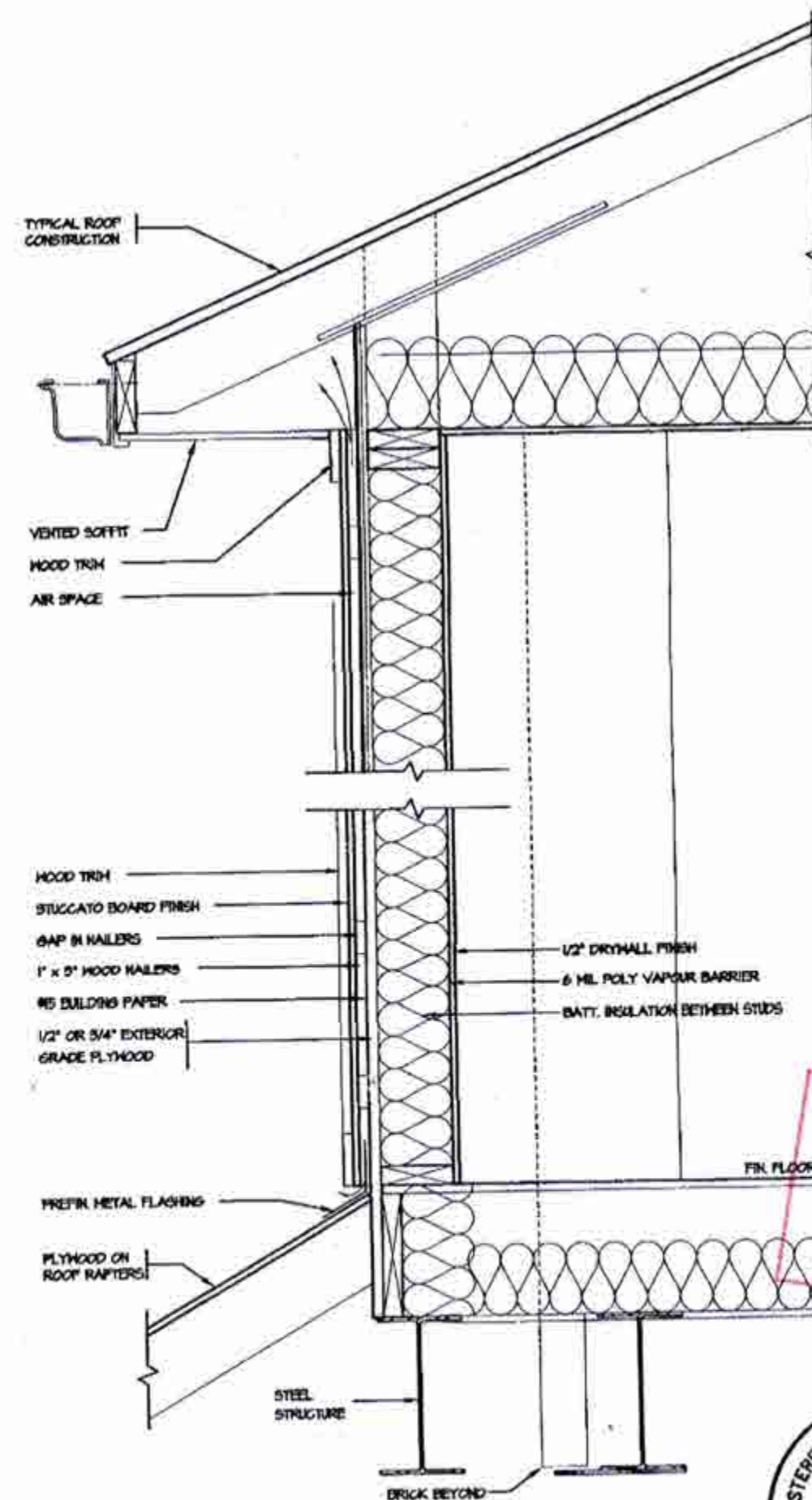
2012 CODE
COMPLIANCE PACKAGE "A1"

5. 4. 3. 2. 1. ISSUED FOR PERMIT JUL 30, 2018 REVISIONS	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 Required unless design is exempt under Division C, Subsection 3.2.5 of the building code VIKAS GAJJAR 28770 NAME SIGNATURE BCIN	REGION DESIGN INC. 6700 DUFFERIN ST. CONCORD, ONTARIO L4K 4S6 P (416) 736-4098 F (905) 660-0746	REGION DESIGN INC.	SHEET TITLE BLOCKING FORCED ENTRY & GRAB BAR SCALE 3/4"=1'-0" DATE JULY 2018	CONTRACTOR SHALL CHECK ALL DIMENSIONS AND ELEVATIONS BEFORE COMMENCING WITH WORK AND REPORT ANY DISCREPANCIES TO THE DESIGNER. PRINTS ARE NOT TO BE SCALED. PAGE No. 11	Greenpark. PROJECT NAME MINNISALE HOMES CORP.
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PLAN VIEW

STUCCATO BOARD FINISH CLADDING (OBC 9.21)



CROSS SECTION

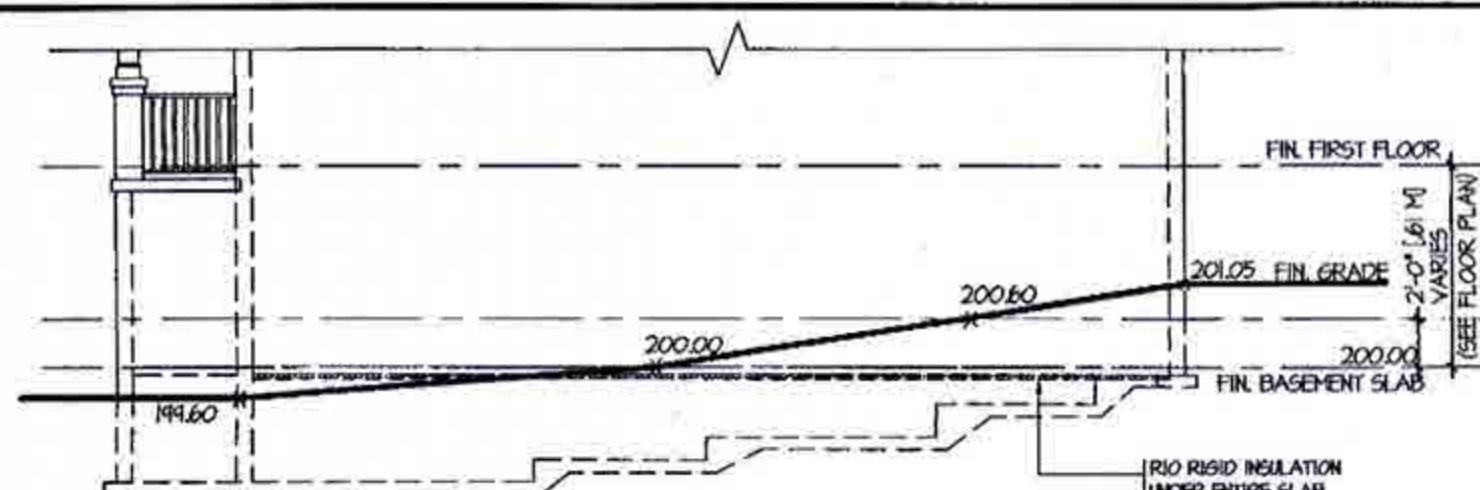
CITY OF BRAMPTON
BUILDING DIVISION
REVIEWED
JAN 17 2019
BY
MARK DERKSEN



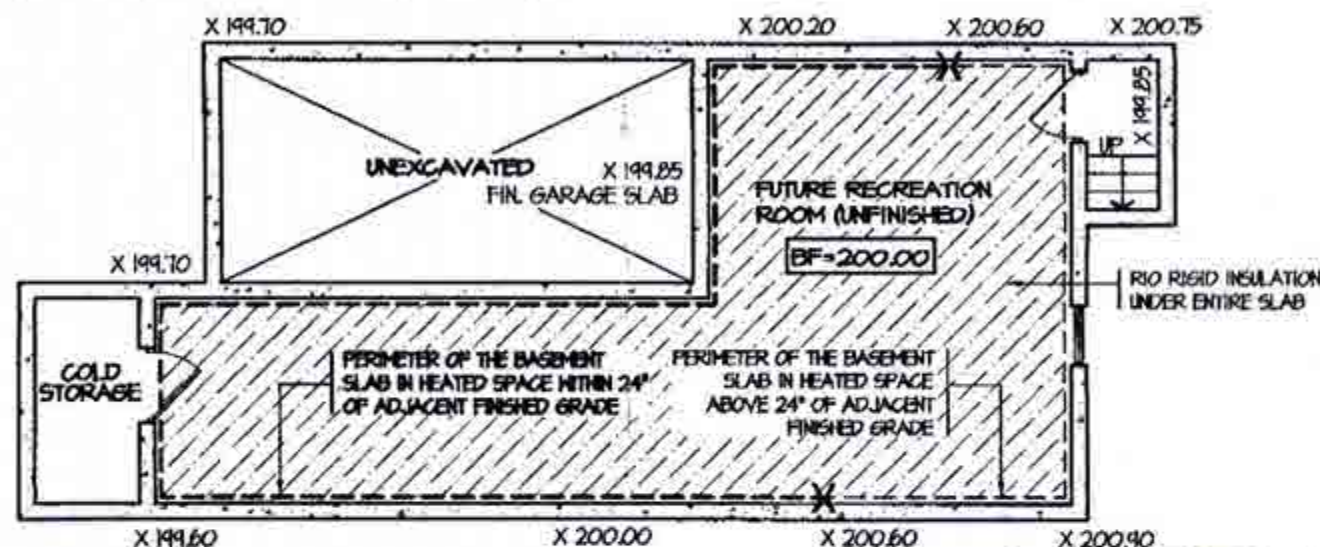
FOR STRUCTURE ONLY

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TYPICAL RIGHT SIDE ELEVATION



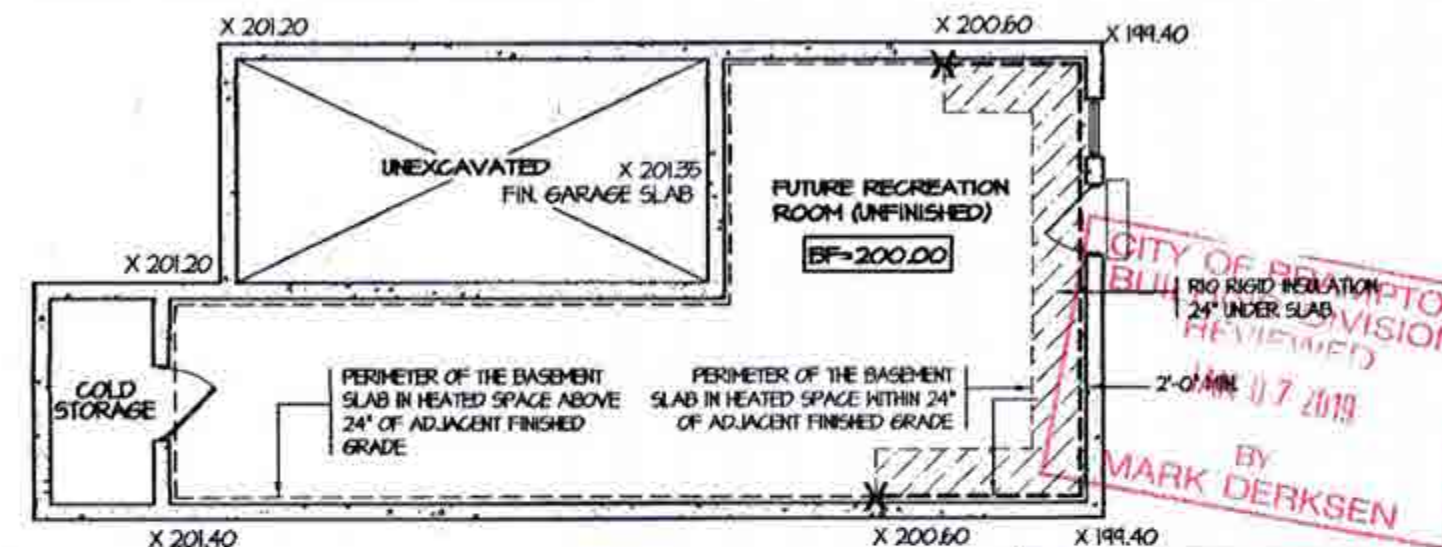
TYPICAL BASEMENT PLAN

SLAB ON GRADE CONDITION

NOTES:
1. LEVELS SHOWN ON THE PLANS ARE FOR ILLUSTRATION PURPOSE ONLY, SEE FINAL GRADING PLAN FOR ACTUAL LEVELS.
2. ALL LEVELS ARE SHOWN IN METRIC



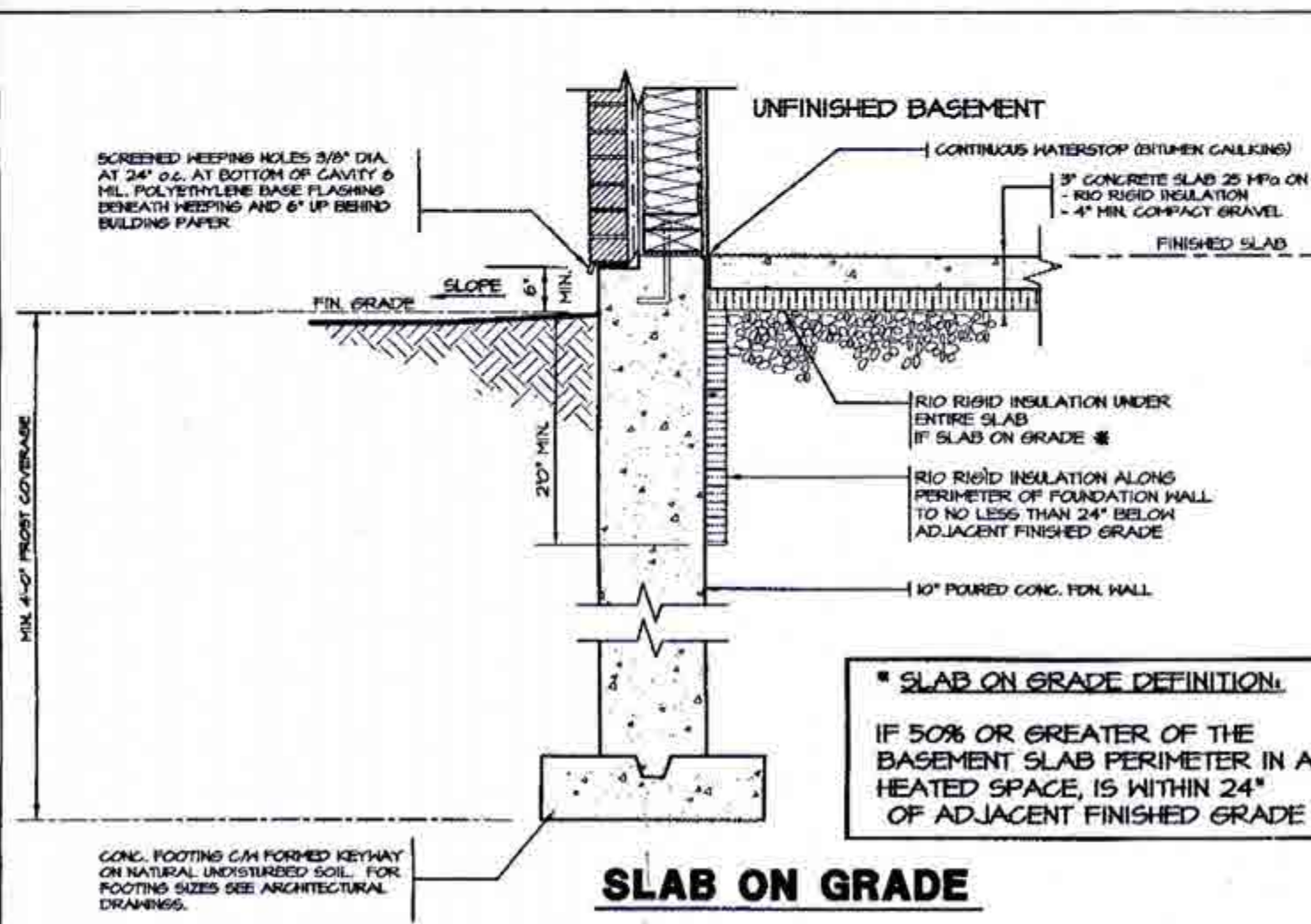
TYPICAL RIGHT SIDE ELEVATION



TYPICAL BASEMENT PLAN

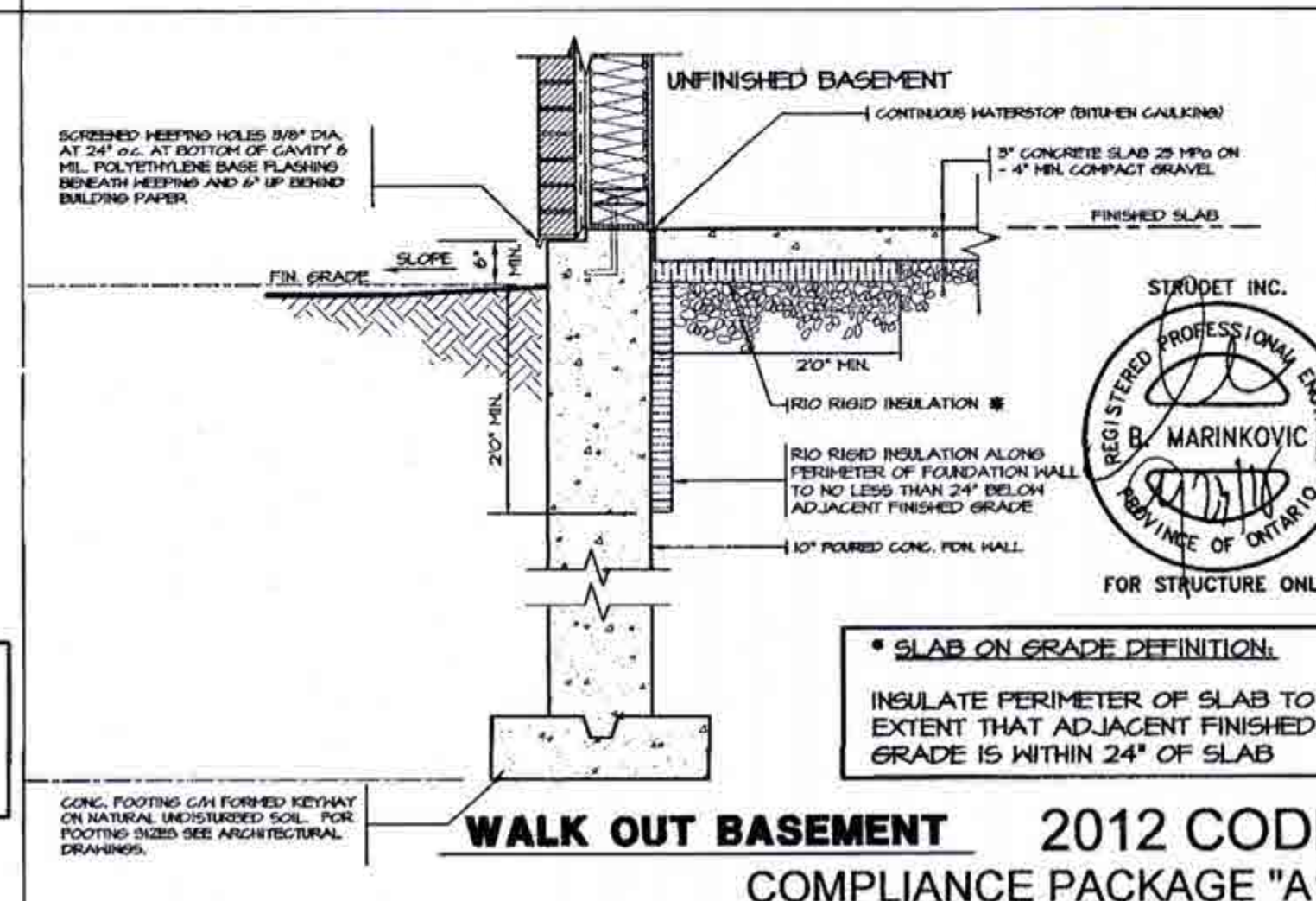
WALK OUT BASEMENT CONDITION

NOTES:
1. LEVELS SHOWN ON THE PLANS ARE FOR ILLUSTRATION PURPOSE ONLY, SEE FINAL GRADING PLAN FOR ACTUAL LEVELS.
2. ALL LEVELS ARE SHOWN IN METRIC



SLAB ON GRADE

* **SLAB ON GRADE DEFINITION:**
IF 50% OR GREATER OF THE BASEMENT SLAB PERIMETER IN A HEATED SPACE, IS WITHIN 24" OF ADJACENT FINISHED GRADE



WALK OUT BASEMENT 2012 CODE COMPLIANCE PACKAGE "A1"

* **SLAB ON GRADE DEFINITION:**
INSULATE PERIMETER OF SLAB TO EXTENT THAT ADJACENT FINISHED GRADE IS WITHIN 24" OF SLAB

NO.	REVISIONS	DATE
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28770
BCIN

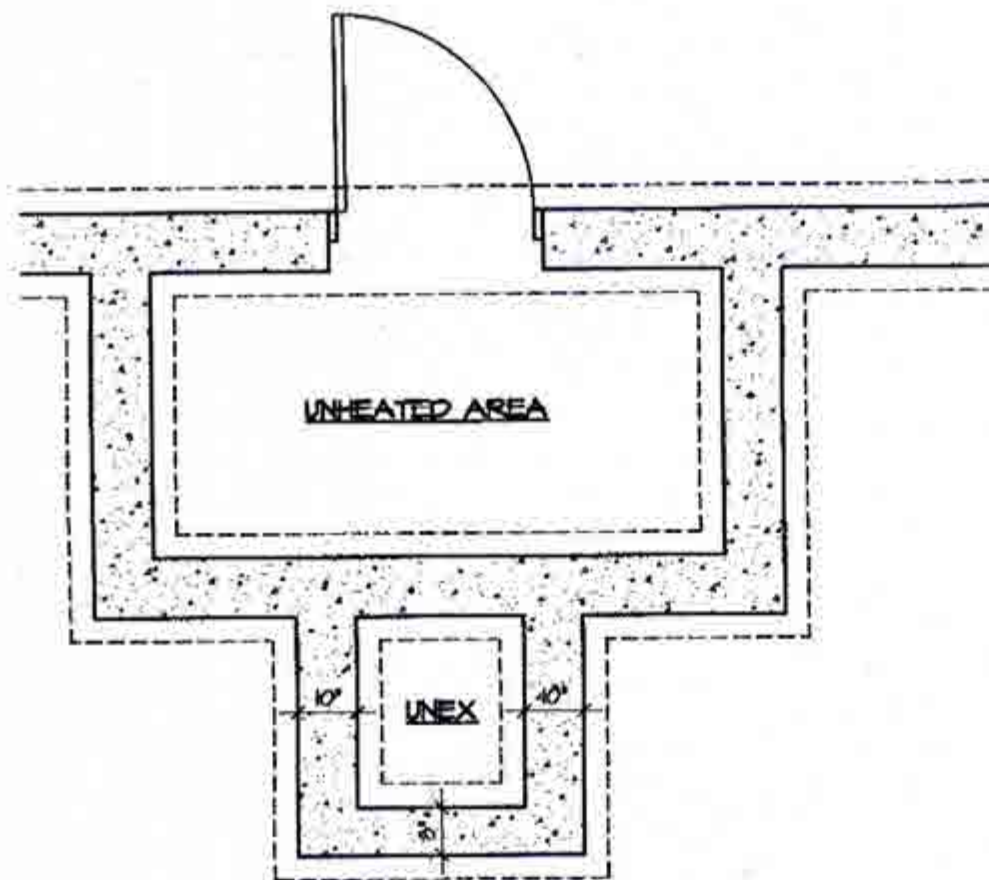
REGION DESIGN INC.
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CONCORD, ONTARIO
L4K 4S8
P (416) 736-4096
F (905) 960-0746

REGION
DESIGN
INC.

SHEET TITLE
SLAB ON GRADE
WALKOUT BASEMENT
SCALE
N.T.S.
DATE
JULY 2018

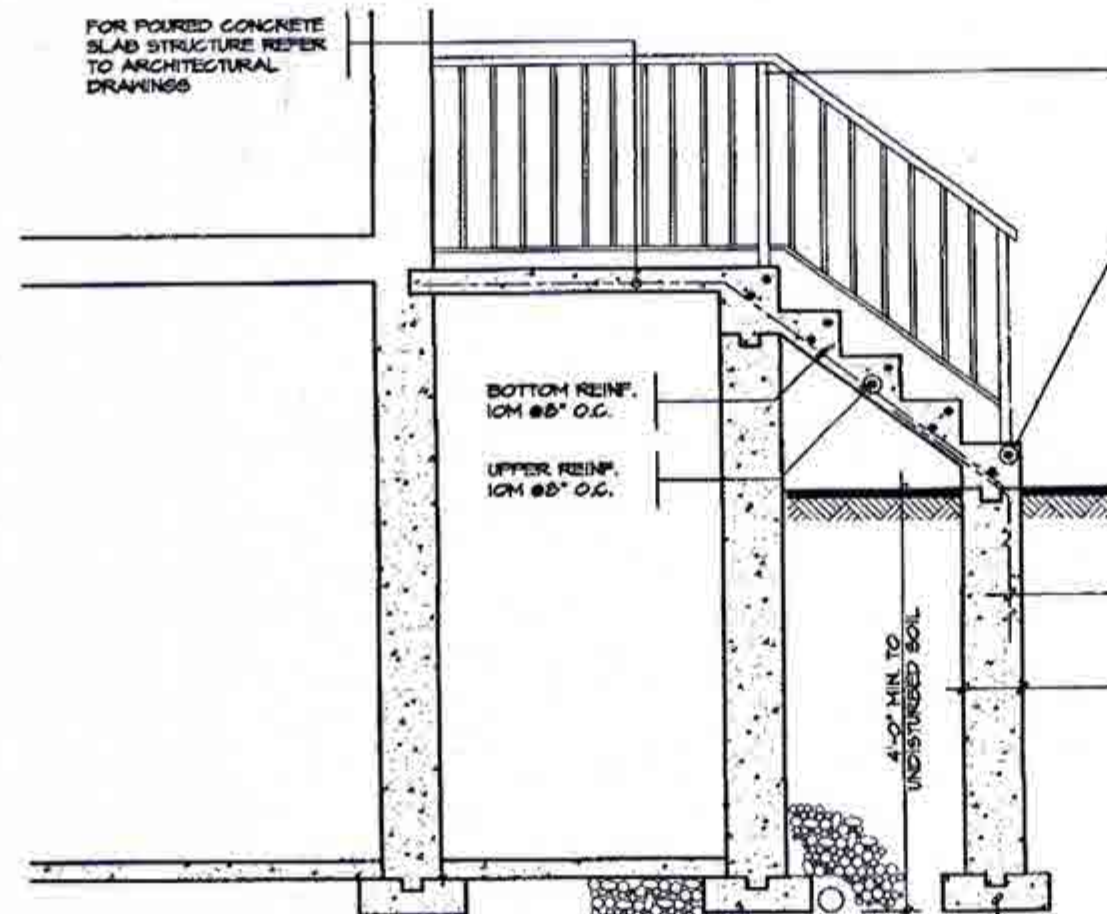
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PAGE No.
13

Greenpark
PROJECT NAME
MINNISALE HOMES CORP.



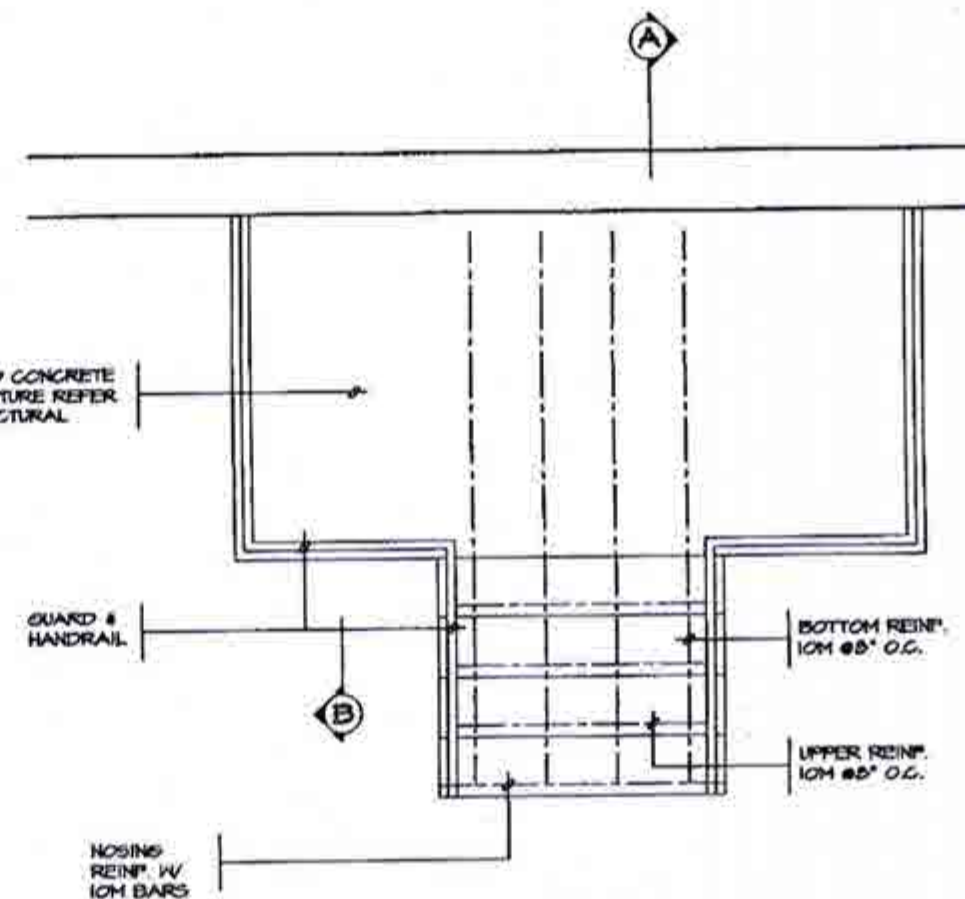
FOUNDATION PLAN

FOR POURED CONCRETE
SLAB STRUCTURE REFER
TO ARCHITECTURAL
DRAWINGS



SECTION 'A'

NOTE: FOR MORE THAN 8 RISERS



GROUND FLOOR PLAN

CLEAR SPACINGS
BETWEEN PICKETS TO
BE 4" MAX. NO
MEMBER BETWEEN 4" &
2'-11" ABOVE SLAB

NOSING
REINF. W/
10M BARS

MASONRY EXTERIOR
FACING, FILL SPACE
BETWEEN WALL &
FACING W/ MORTAR
& PROVIDE METAL
TIES SEE NOTE '2'

10M #8 O.G.
DOUELS TO
MATCH BOTTOM
REINF.

POURED FDN. WALL

6" X16"
POURED
CONG.
FOOTING

SECTION 'B'

GENERAL NOTES

1. EXTERIOR STAIRS
7 1/8" RISE MAXIMUM
8 1/4" RUN MINIMUM
1 1/4" TREAD MINIMUM
2. MASONRY TIES
WHEN BRICK FACING IS USED ABOVE
GROUND LEVEL, PROVIDE 3/16" DIA.
CORROSION RESISTANT METAL TIES @ 36"
HORIZONTAL & 6" VERTICAL
3. GUARDS
ARE REQUIRED AROUND CONCRETE SLAB
IF MORE THAN 2'-0" ABOVE GRADE & ON
BOTH SIDES OF STAIRS CONTAINING MORE
THAN 6 RISERS. MINIMUM 51" HIGH FOR
STAIRS MINIMUM 35" HIGH FOR PORCHES
UP TO 5'-11" ABOVE GRADE. MINIMUM 42"
HIGH FOR GREATER HTS.
4. HANDRAIL
ARE REQUIRED WHERE STEPS HAVE MORE
THAN 3 RISERS. HANDRAIL HEIGHT 31" -
50".
5. FOUNDATION WALLS
THICKNESS OF FOUNDATION WALLS IS
DEPENDANT UPON VENEER CUT 5" FOR UP
TO 26" VENEER CUT HEIGHT 10" FOR
VENEER CUT OVER 26" HIGH
6. CONCRETE
MINIMUM CONCRETE STRENGTH SHALL BE
4650 PSI [32MPa] W/ 5%-8% AIR
ENTRAINMENT MINIMUM CONCRETE SLAB
THICKNESS 5"
7. CONCRETE COVER
PROVIDE MINIMUM 3/4" CLEAR CONCRETE
COVER TO REINFORCING BARS



FOR STRUCTURE ONLY
2012 CODE
COMPLIANCE PACKAGE "A1"

5.		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.	REGION DESIGN INC. 8700 DUFFERIN ST. CONCORD, ONTARIO		SHEET TITLE POURED CONCRETE STAIRS	CONTRACTOR SHALL CHECK ALL DIMENSIONS AND ELEVATIONS BEFORE COMMENCING WITH WORK AND REPORT ANY DISCREPANCIES TO THE DESIGNER. PRINTS ARE NOT TO BE SCALED.	
4.		QUALIFICATION INFORMATION Required unless design is exempt under Division C, Subsection 3.2.5 of the building code	P (416) 736-4095 F (905) 660-0745		SCALE 3/8"=1'-0"	PAGE No. 14	
1.	ISSUED FOR PERMIT	JUL 30, 2018	NAME VIKAS GALLAR SIGNATURE 		DATE JULY 2018	PROJECT NAME MINNISALE HOMES CORP.	
REVISIONS							