

WINDOWS - CANADA ZONE C

- MINIMUM BEDROOM WINDOW** (*DBC 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
- WINDOW GUARDS** (*DBC 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:

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

LUMBER:

- ALL LUMBER SHALL BE SPRUCE-PINE-FIR No.1&2 GRADE, UNLESS NOTED OTHERWISE.
- LUMBER EXPOSED TO THE EXTERIOR TO BE SPRUCE-PINE-FIR No.1&2 GRADE PRESSURE TREATED OR CEDAR, UNLESS NOTED OTHERWISE.
- ALL BEAMS, GIRDER TRUSSES, AND METAL HANGER CONNECTIONS SUPPORTING ROOF FRAMING TO BE DESIGNED & CERTIFIED BY TRUSS MANUFACTURER.
- LVL BEAMS SHALL BE 2.0E (Fb=2800psi 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 (1-1/4", 1-1/2", 1-1/8") 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.
- PROVIDE TOP MOUNT BEAM HANGERS FOR ALL LVL BEAM TO BEAM CONNECTIONS UNLESS NOTED OTHERWISE.
- PROVIDE METAL JOIST HANGERS FOR ALL JOISTS AND BUILT-UP WOOD MEMBERS INTERSECTING FLUSH BUILT-UP WOOD MEMBERS.
- WOOD FRAMING NOT TREATED WITH A WOOD PRESERVATIVE, IN CONTACT WITH CONCRETE, SHALL BE SEPARATED FROM THE CONC. BY AT LEAST 2mil. POLYETHYLENE FILM, No.50 (45lb) 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 350M.

REINFORCING STEEL SHALL CONFORM TO CSA-G30-10M 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 1/16" (119mm) TRADE SIZE ELECTRICAL OUTLET BOX,
- FUME-PROFFED 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 LOADINGS WHEN UNDER CONSTRUCTION. FURTHER RECOMMENDATIONS:

- REDUCE THE FOUNDATION WALL SILL PLATE ANCHOR BOLT SPACING FROM 2400mm o.c. (7'-10") TO 1220mm o.c. (4'-0") FOR STANDARD CONDITIONS.
- USE 4.5mm (3/8") THICK PLYWOOD OR WAFFERBOARD FOR THE EXTERIOR WALL SHEATHING.
- 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

ML1 = 3-1/2"x3-1/2"x1/4" (90x90x6.0L) + 2-2"x8" SPR. No.2
ML2 = 4"x3-1/2"x1/4" (100x90x6.0L) + 2-2"x8" SPR. No.2
ML3 = 5"x3-1/2"x1/4" (125x90x6.0L) + 2-2"x10" SPR. No.2
ML4 = 6"x3-1/2"x1/4" (150x90x6.0L) + 2-2"x12" SPR. No.2
ML5 = 6"x4"x3/8" (150x100x10.0L) + 2-2"x12" SPR. No.2
ML6 = 5"x3-1/2"x1/4" (125x90x6.0L) + 2-2"x12" SPR. No.2
ML7 = 5"x3-1/2"x1/4" (125x90x6.0L) + 3-2"x10" SPR. No.2
ML8 = 5"x3-1/2"x1/4" (125x90x6.0L) + 3-2"x12" SPR. No.2
ML9 = 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)
WB12 = 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"x1/4" (100x90x6.0L)
L3 = 5"x3-1/2"x1/4" (125x90x6.0L)
L4 = 6"x3-1/2"x1/4" (150x90x6.0L)
L5 = 6"x4"x3/8" (150x100x10.0L)
L6 = 7"x4"x3/8" (175x100x10.0L)

LAMINATED VENEER LUMBER (LVL) BEAMS

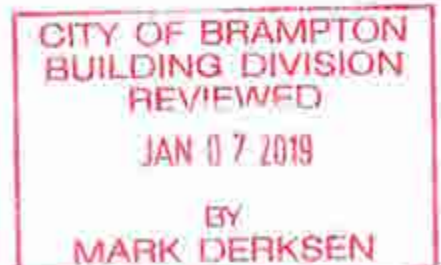
LVL1A = 1-1 3/4" x 7 1/4" (1-45x184)
LVL1 = 2-1 3/4" x 7 1/4" (2-45x184)
LVL2 = 3-1 3/4" x 7 1/4" (3-45x184)
LVL3 = 4-1 3/4" x 7 1/4" (4-45x184)
LVL4A = 1-1 3/4" x 9 1/2" (1-45x240)
LVL4 = 2-1 3/4" x 9 1/2" (2-45x240)
LVL5 = 3-1 3/4" x 9 1/2" (3-45x240)
LVL5A = 4-1 3/4" x 9 1/2" (4-45x240)
LVL6A = 1-1 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

- 2'-10" x 6'-0" (665x2033) - INSULATED ENTRANCE DOOR
- 2'-0" x 6'-0" (615x2033) - INSULATED FRONT DOORS
- 2'-0" x 6'-0" (615x2033) - WOOD & GLASS DOOR
- 2'-0" x 6'-0" x 1-3/4" (615x2033x45) - EXTERIOR SLAB DOOR
- 2'-0" x 6'-0" x 1-3/8" (615x2033x35) - INTERIOR SLAB DOOR
- 2'-6" x 6'-0" x 1-3/8" (160x2033x35) - INTERIOR SLAB DOOR
- 2'-2" x 6'-0" x 1-3/8" (660x2033x35) - INTERIOR SLAB DOOR
- 1'-6" x 6'-0" x 1-3/8" (460x2033x35) - INTERIOR SLAB DOOR

LEGEND

DJ	DOUBLE JOIST
TJ	TRIPLE JOIST
GT	GIRDER TRUSS
X	POINT LOAD
SW	SOLID WOOD BEARING. SOLID BEARING TO BE WIDE AT LEAST AS SUPPORTED MEMBER. MIN. 3 PIECES.
LB	LOAD-BEARING WALL
TS	TWO-STORY WALL. SEE NOTE 39
FA	FLAT ARCH
F.D.	FLOOR DRAIN
SA	SMOKE ALARM. SEE NOTE 43
SA CA	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. 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) 736-4096 F (905) 680-0746	REGION DESIGN INC.	SHEET TITLE GENERAL NOTES	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. 2	PROJECT NAME MINNISLAE HOMES CORP.
4.					SCALE N.T.S.		
3.					DATE JULY 2018		
2.							
1.	ISSUED FOR PERMIT				JAN 31, 2015		
REVISIONS							



FOR STRUCTURE ONLY

50x89 (2"x4") STUDS @ 400 O.C. WITH 15.9mm (5/8") TYPE 'X' GYPSUM BOARD ONE LAYER ON EACH SIDE. SUPPLEMENTARY STANDARDS 888, TABLE 1, MID WALL ASSEMBLY.

SOUND ABSORPTIVE MATERIAL REQUIREMENTS
SOUND ABSORPTIVE MATERIAL INCLUDES FIBRE PROCESSED FROM ROCK, SLAG, 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 9.10.12.1)

WALL TYPE
SEE SUPPLEMENTARY STANDARDS 888 TABLE 1, W3A BEARING WALL WITH 2 ROWS OF 2X4 SPR @ 16" O.C. ON SEPARATE 2X4 PLATES SET 1" APART WITH 4" ABSORPTIVE MATERIAL AND 1 LAYER 5/8" TYPE 'X' GYPSUM WALL BOARD ON EACH SIDE (SEE NOTES 3 TO TABLE 1)

FIRE RESISTANCE RATING
FIRE RESISTANCE RATING REQUIRED IS 1 HR. MIN. (AS PER SENTENCE DIV. B 9.10.12.1) 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 T2S P/P)

8" POURED CONC. FOUNDATION WALL

FIN. SLAB

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

TIGHTLY SEAL ANY GAPS WITH MINERAL WOOL OR NON-COMBUSTIBLE MATERIAL AS PER O.B.C. 9.10.12.13)

PROVIDE BEARING FOR GIRDER TRUSSES AS PER TRUSS DRAWING SPECIFICATION

PRE-ENGINEERED ROOF TRUSSES AS PER TRUSS MANUFACTURER'S 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

5/8" TYPE 'X' GYPSUM WALL BOARD

FIN. FIRST FLOOR

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

WOOD FRAME PARTY WALL TRUSSES PERPENDICULAR TO PARTY 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.

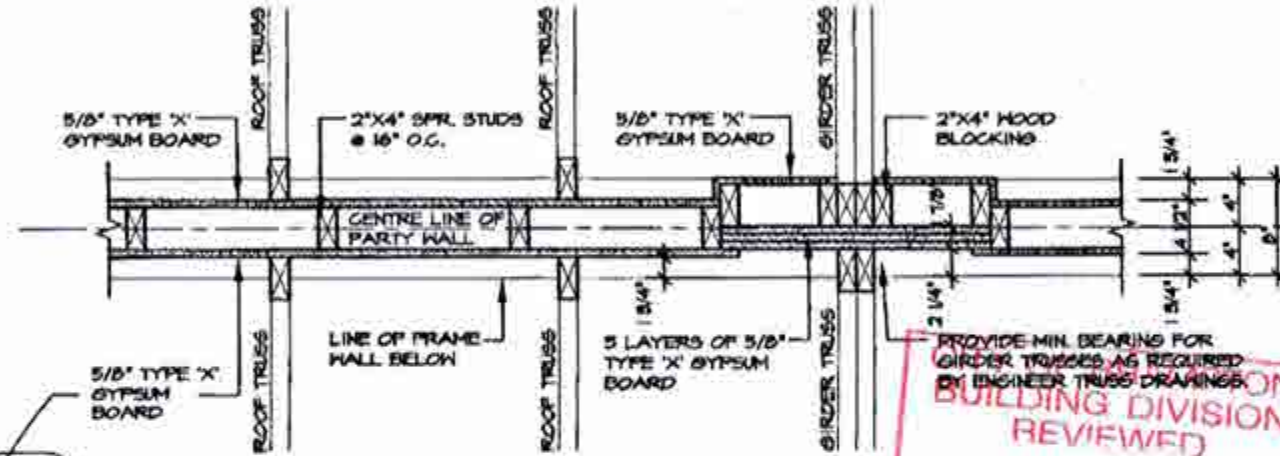
5/8" TYPE 'X' GYPSUM WALL BOARD

TOP OF PLATE

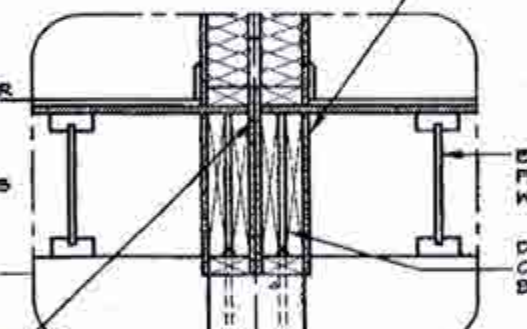
2 LAYERS OF 1/2" GYPSUM WALL BOARD FOR FIRE-STOPPING CONTINUOUS

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

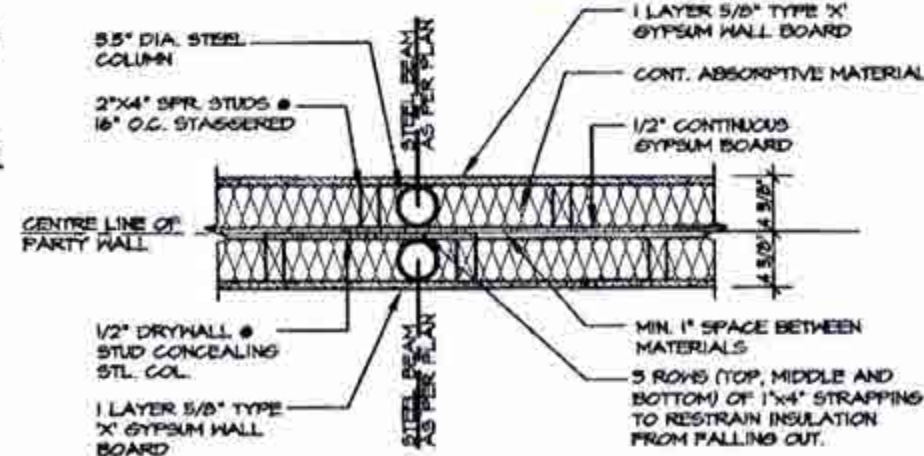
SECTION @ FIRE SEPARATION IN ROOF SPACE TRUSSES PARALLEL TO PARTY WALL



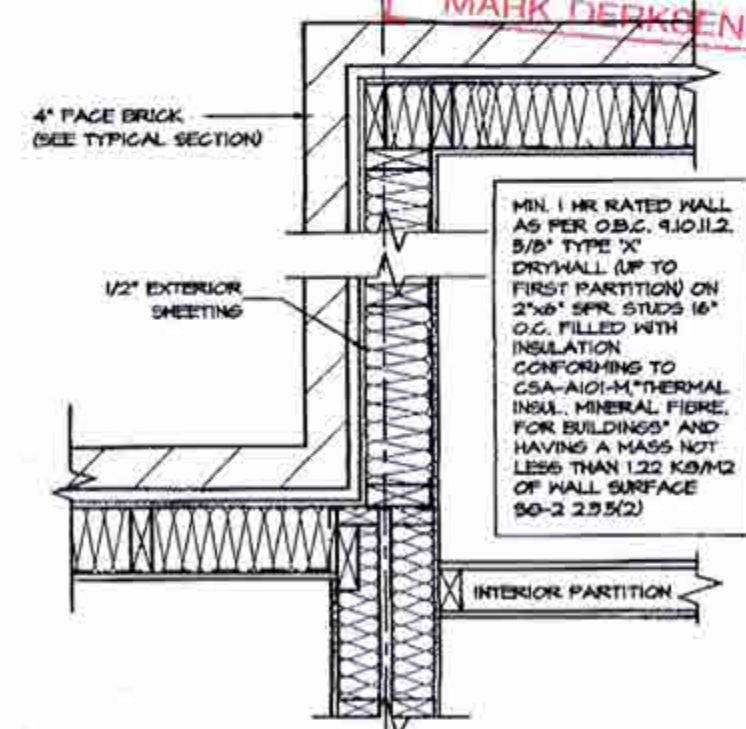
PLAN OF FIRE SEPARATION IN ROOF SPACE TRUSSES PERPENDICULAR TO PARTY WALL



FLOOR JOISTS PARALLEL



PLAN OF PARTY WALL IN GARAGE



PARTY WALL PLAN SECTION

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COMPLIANCE PACKAGE "A1"



PROJECT NAME
MINNISALE HOMES CORP.

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

VIKAS GAJJAR
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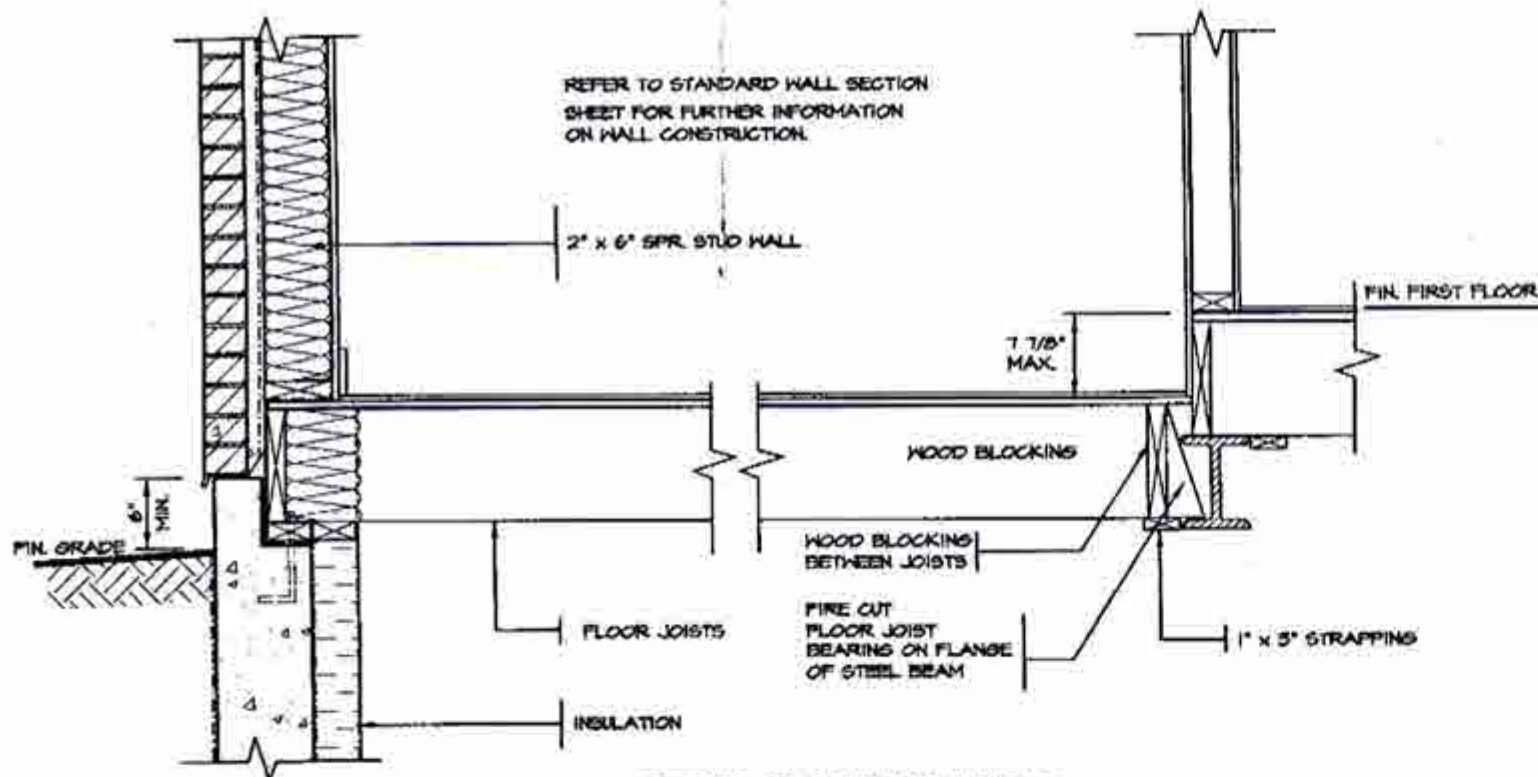
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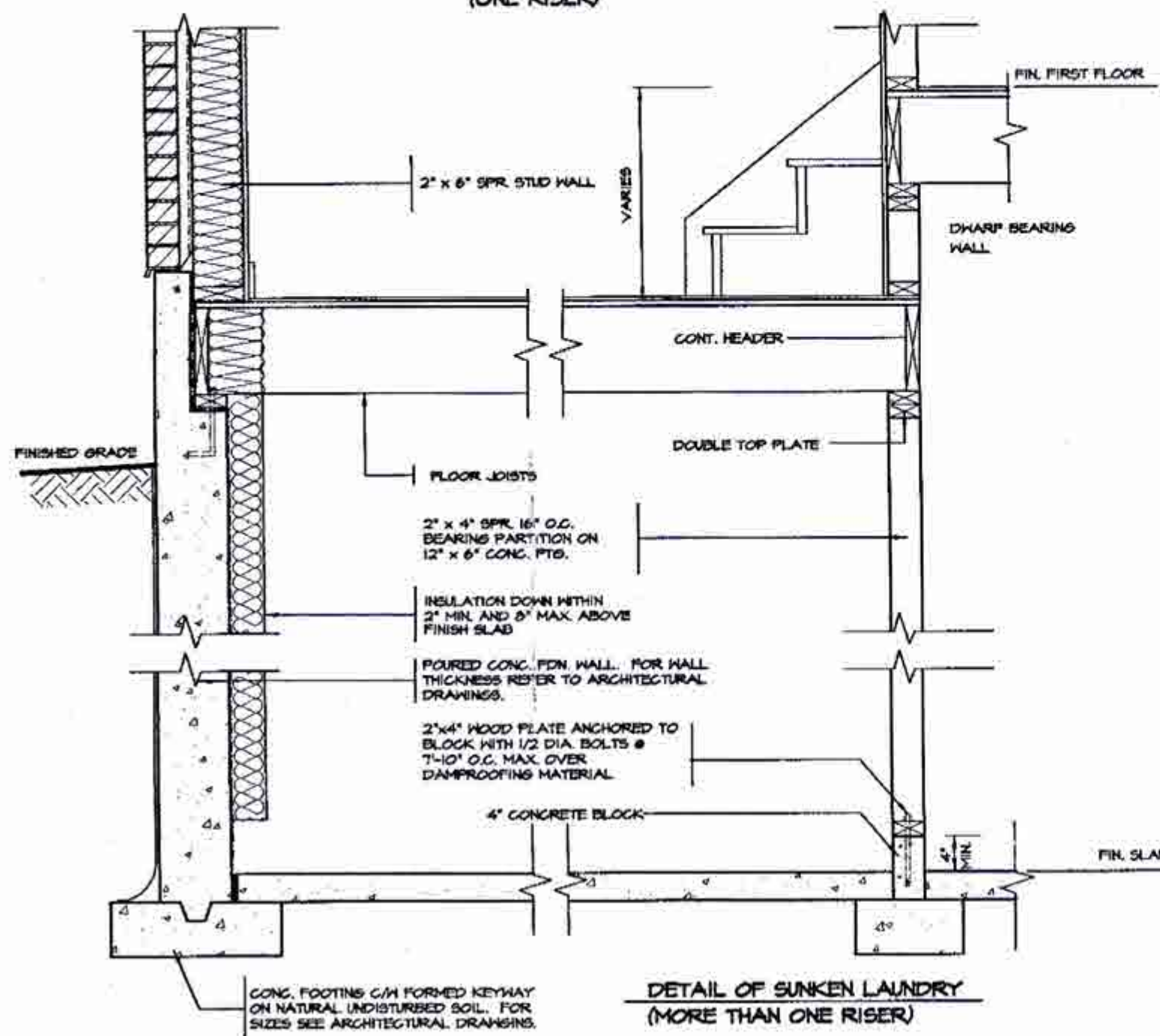
SHEET TITLE
PARTY WALL
WOOD
SCALE
3/4"=1'-0"
DATE
JULY 2018

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PAGE No.
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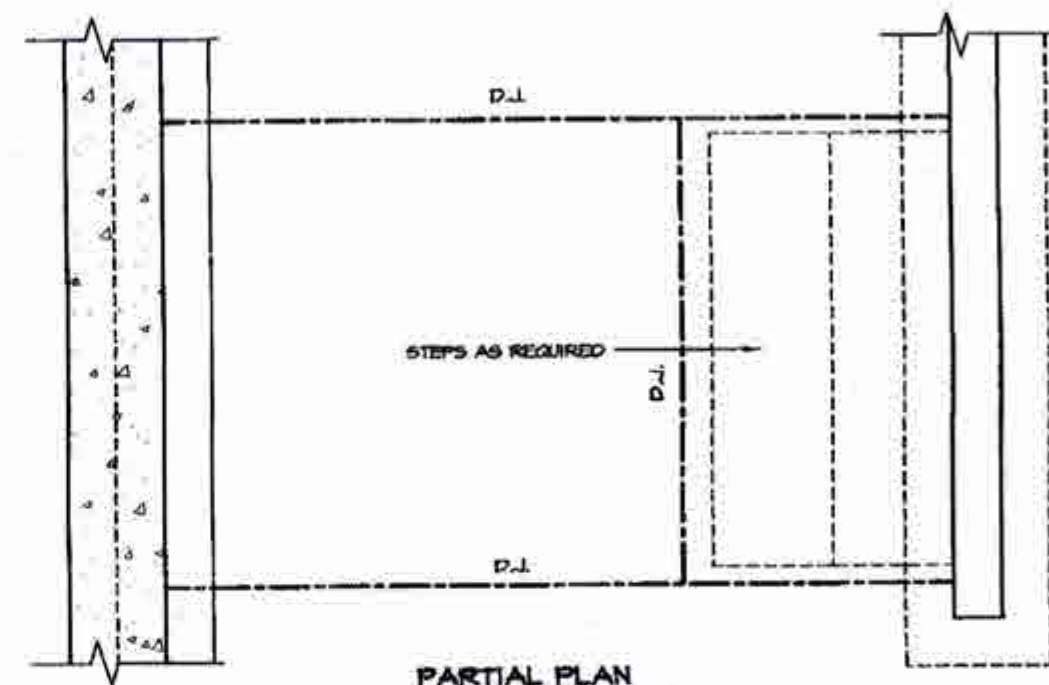
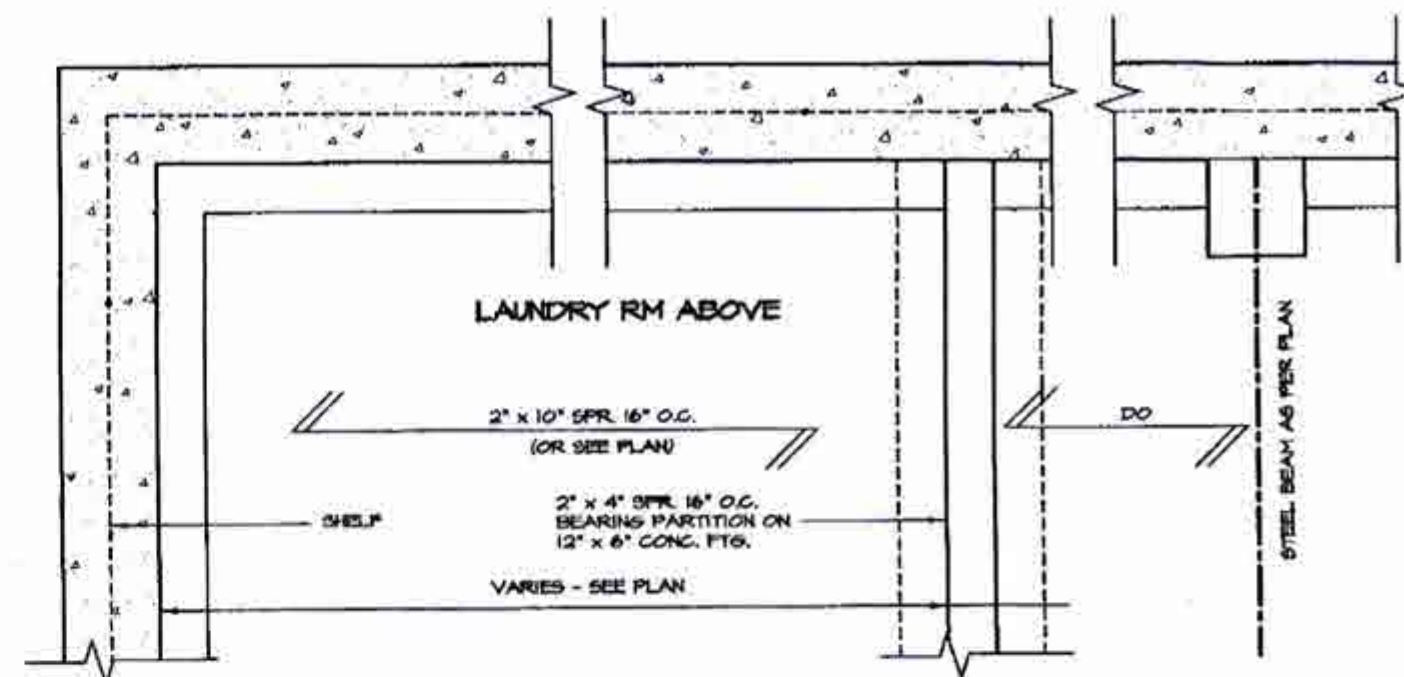
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DETAIL OF SUNKEN LAUNDRY
(ONE RISER)



DETAIL OF SUNKEN LAUNDRY
(MORE THAN ONE RISER)



PARTIAL PLAN

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



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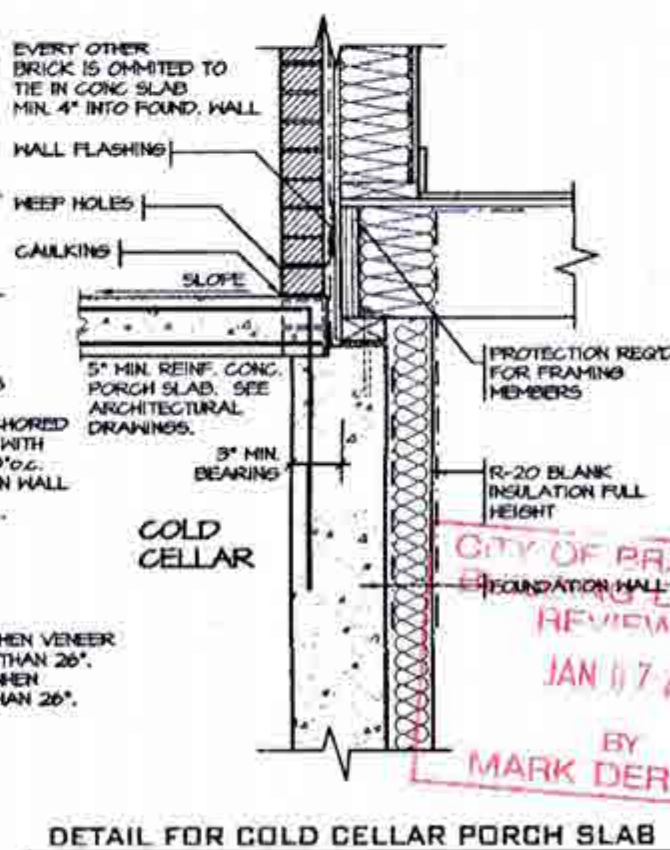
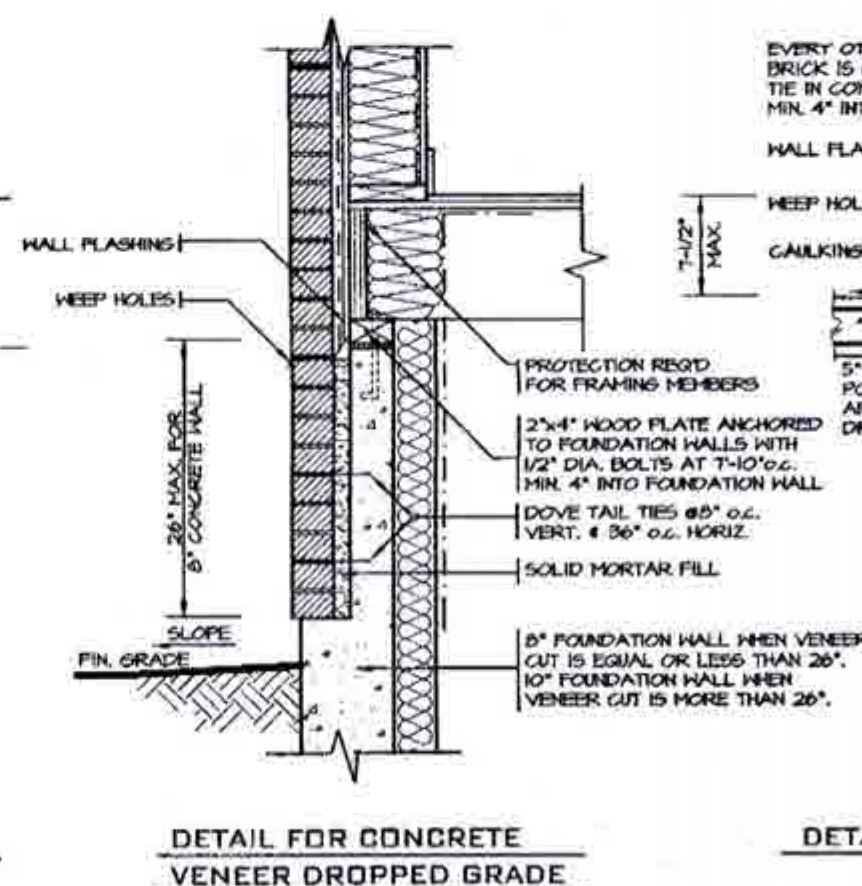
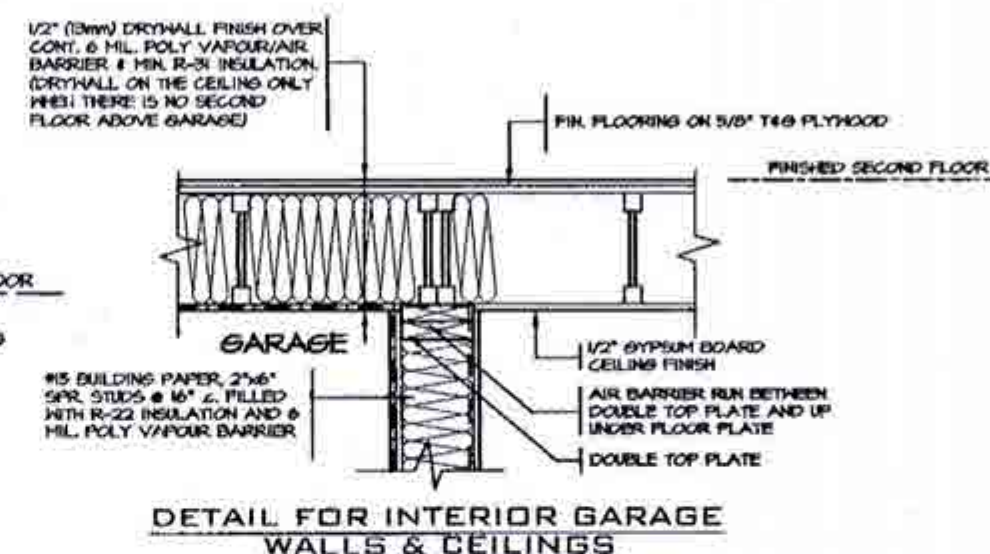
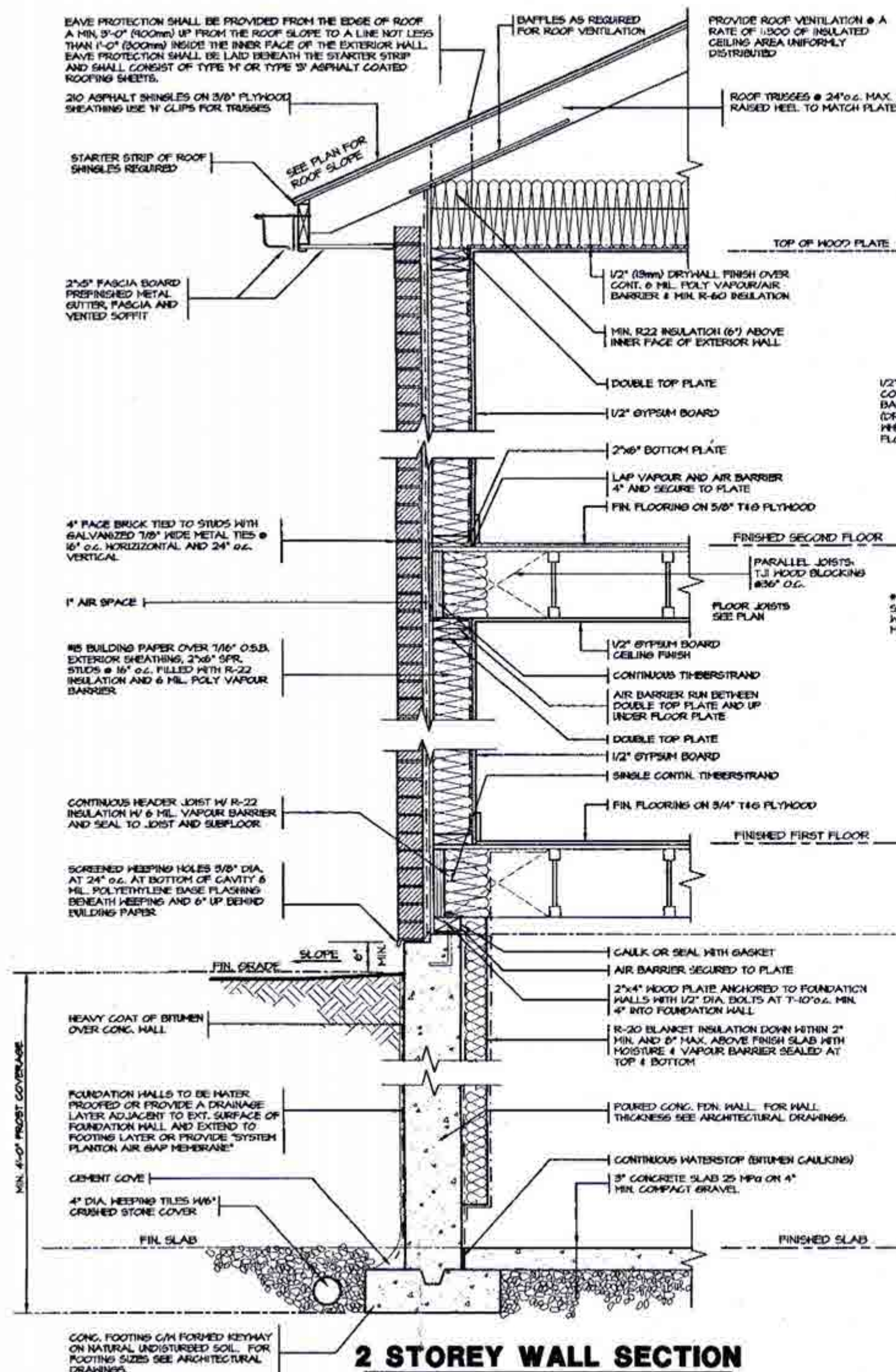
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DESIGN
INC.

SHEET TITLE
LAUNDRY DETAILS
SUNKEN
SCALE
3/4"=1'-0"
DATE
JULY 2018

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Greenpark.
PROJECT NAME
MINNISALE HOMES CORP.



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PROJECT NAME
MINNISALE HOMES CORP.

SHEET TITLE
2"x6" BRICK VENEER
2 STOREY SECTION

SCALE
3/4"=1'-0"
DATE
JULY 2018

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EAVE PROTECTION SHALL BE PROVIDED FROM THE EDGE OF ROOF A MIN. 3'-0" (900mm) 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 14 OR TYPE 31 ASPHALT COATED ROOFING SHEETS.

210 ASPHALT SHINGLES ON 5/8" PLYWOOD SHEATHING USE 1" CLIPS FOR TRUSSES

STARTER STRIP OF ROOF SHINGLES REQUIRED

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

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

MESH BACKRAPPED

- 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

(IF APPROVED SYSTEM, ALL MATERIALS AND SYSTEMS SHALL CONFORM TO CANULC-576.1)

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 WEeping HOLES 3/8" DIA. AT 24" O.C. AT BOTTOM OF CAVITY 6 MIL. POLYETHYLENE BASE FLASHING BENEATH WEeping 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. WEeping TILES w/ 1/2" CRUSHED STONE COVER

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

2 STOREY WALL SECTION

BAFFLES AS REQUIRED FOR ROOF VENTILATION

PROVIDE ROOF VENTILATION @ A RATE OF 1:300 OF INSULATED CEILING AREA UNIFORMLY DISTRIBUTED

ROOF TRUSSES @ 24" O.C. MAX. RAISED HEEL TO MATCH PLATE

TOP OF WOOD PLATE

1/2" (13mm) 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.J. WOOD BLOCKING @ 36" O.C.

FLOOR JOISTS SEE PLAN

1/2" GYPSUM BOARD CEILING FINISH

SINGLE CONT. TIMBERSTRAND

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

DOUBLE TOP PLATE

1/2" GYPSUM BOARD

SINGLE CONTIN. TIMBERSTRAND

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

FINISHED FIRST FLOOR

CAULK OR SEAL WITH GASKET

AIR BARRIER SECURED TO PLATE

2"x4" WOOD PLATE ANCHORED TO FOUNDATION WALLS WITH 1/2" DIA. BOLTS AT 7'-10" O.C. MIN. 4" INTO FOUNDATION WALL

R-20 BLANKET INSULATION DOWN WITHIN 2" MIN. AND 8" MAX. ABOVE FINISH SLAB WITH MOISTURE & VAPOUR BARRIER SEALED AT TOP & BOTTOM

POURED CONG. FOR WALL. FOR WALL THICKNESS SEE ARCHITECTURAL DRAWINGS.

CONTINUOUS WATERSTOP (BITUMEN CAULKING)

3" CONCRETE SLAB 25 MPa ON 4" MIN. COMPACT GRAVEL

FINISHED SLAB



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

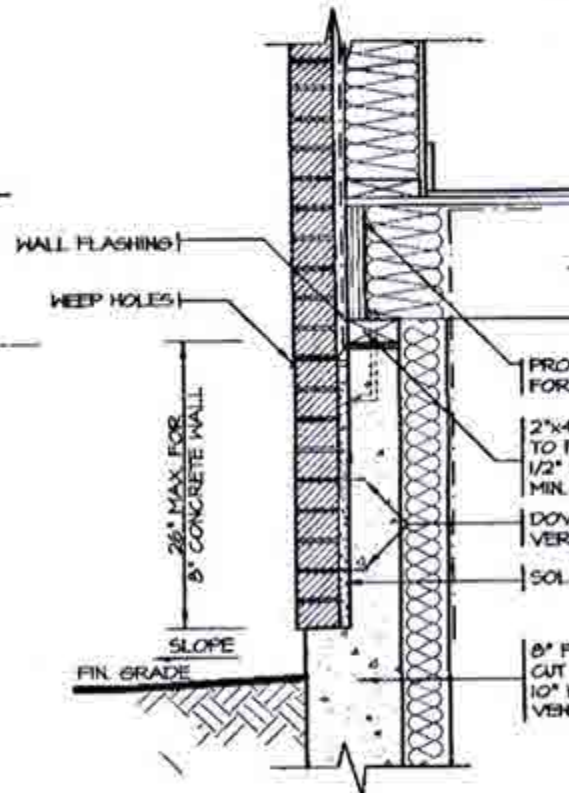
FLASHING

CONCRETE SILL

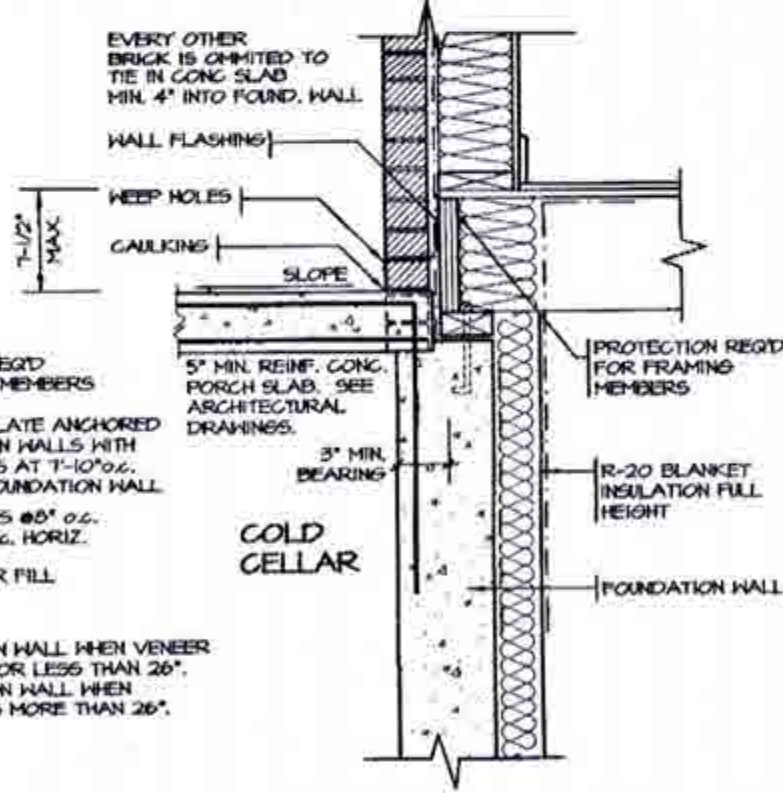
MASONRY CLADDING AS PER ELEVATION

A. TERMINATION AT MASONRY CLADDING WITH SEALANT

1 1/2" = 1'0"



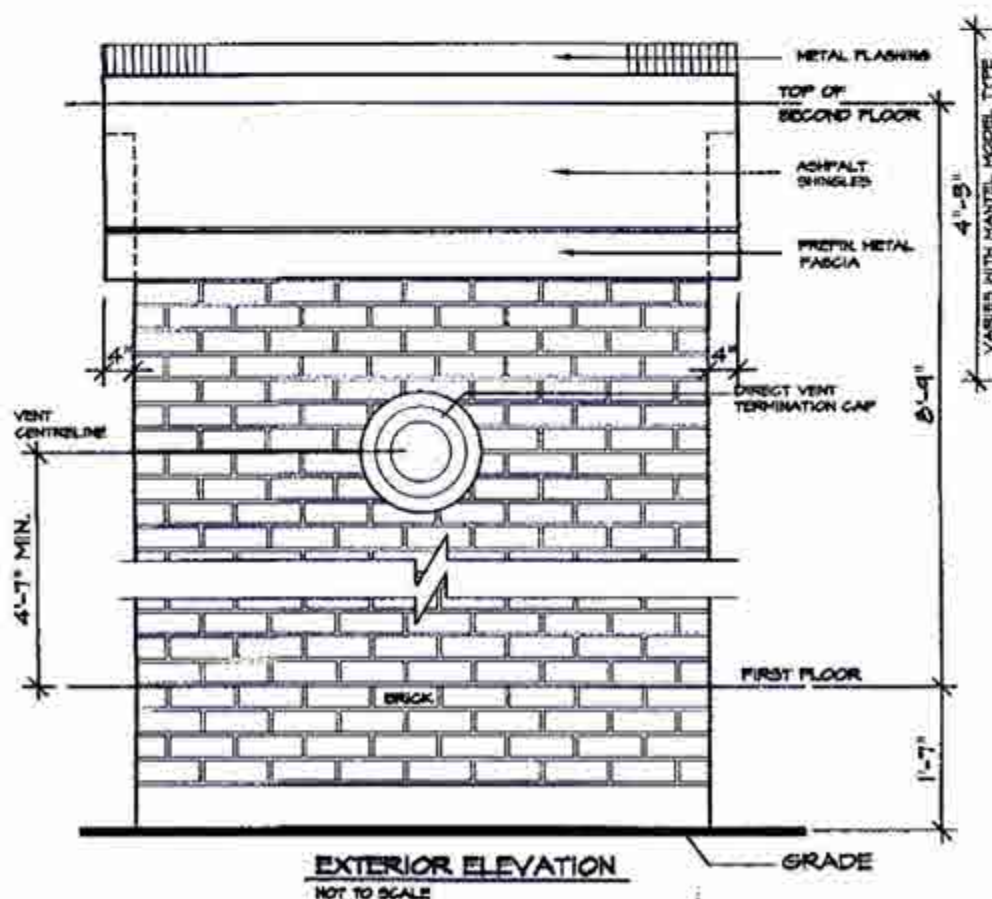
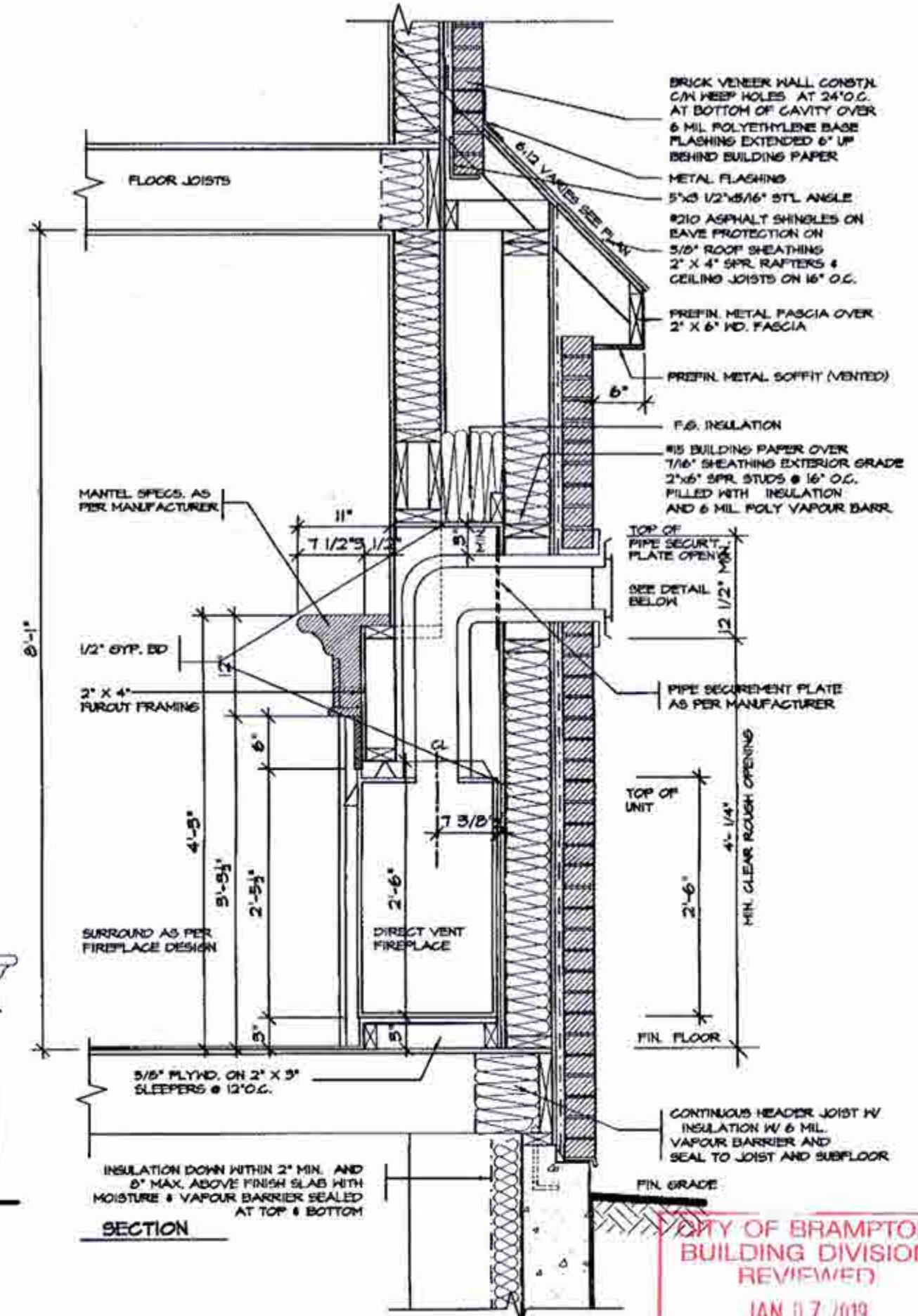
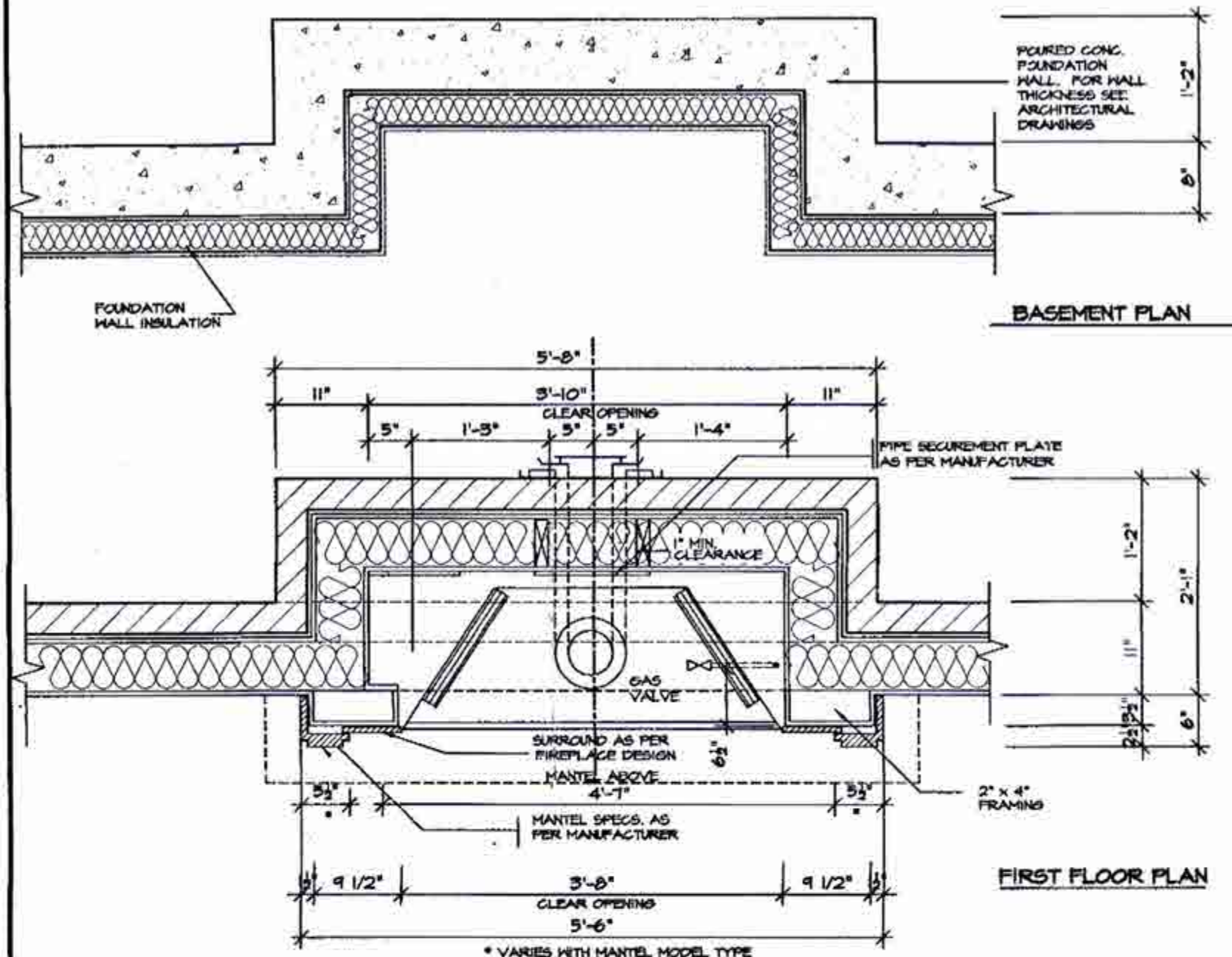
DETAIL FOR CONCRETE VENEER DROPPED GRADE



DETAIL FOR COLD CELLAR PORCH SLAB

2012 CODE COMPLIANCE PACKAGE "A1"

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. 8700 DUFFERIN ST. CONCORD, ONTARIO LAK 456 P (416) 736-4096 F (905) 660-0746	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-B141.1 & 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 MANTEL ILLUSTRATED IS THE S-2 GB AS SUPPLIED BY GREATER TORONTO FIREPLACE.



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

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NO.	REVISIONS	DATE
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VIKAS GAJJAR
NAME

28770
BCIN

SIGNATURE

REGION DESIGN INC.
8700 DUFFERIN ST.
CONCORD, ONTARIO
L4K 4G6
P (416) 735-4096
F (905) 660-0746

**REGION
DESIGN
INC.**

SHEET TITLE
**VENT FIREPLACE
DIRECT**

SCALE
3/4"=1'-0"

DATE
JULY 2018

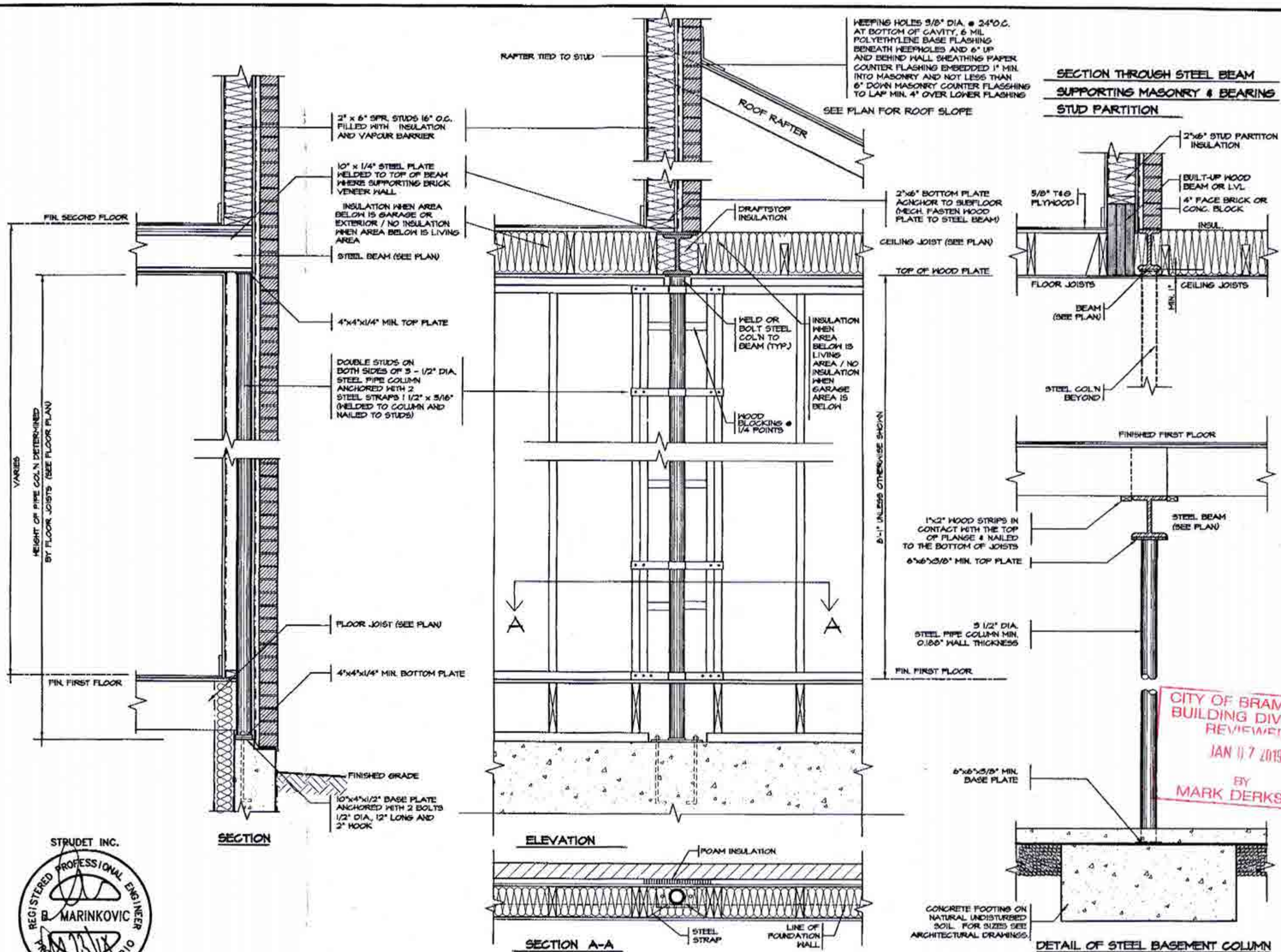
CONTRACTOR SHALL CHECK ALL DIMENSIONS AND ELEVATIONS BEFORE COMMENCING WITH WORK AND REPORT ANY DISCREPANCIES TO THE DESIGNER. PRINTS ARE NOT TO BE SCALED.

PAGE NO.
7

Greenpark.

PROJECT NAME
MINNISALE HOMES CORP.

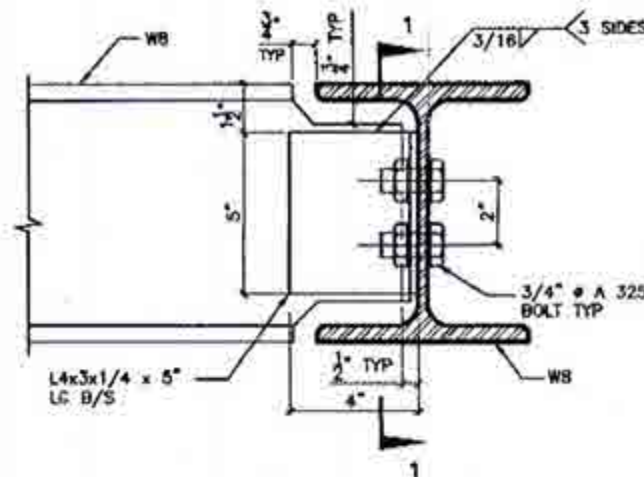




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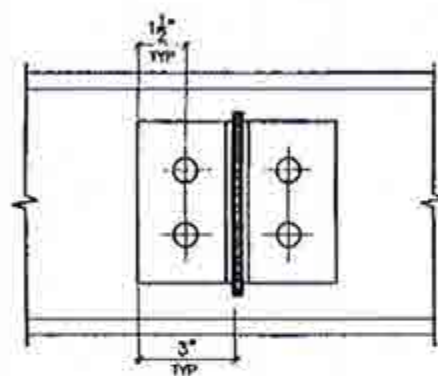
**2012 CODE
COMPLIANCE PACKAGE "A1"**

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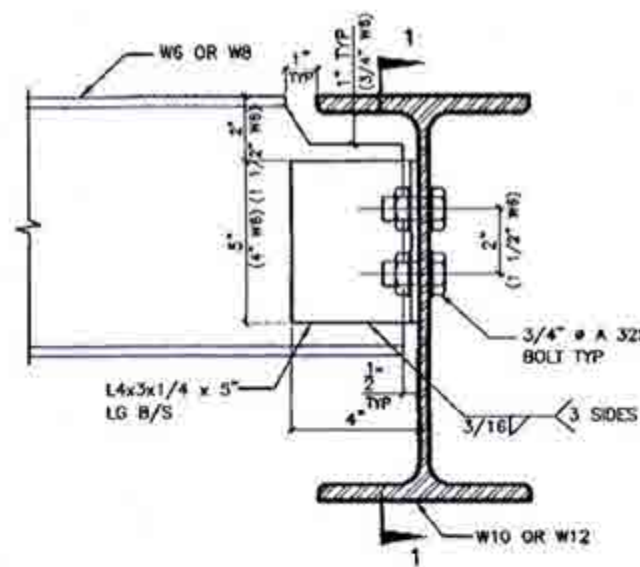


DETAIL 1.

W8
TO
W8
CONNECTION

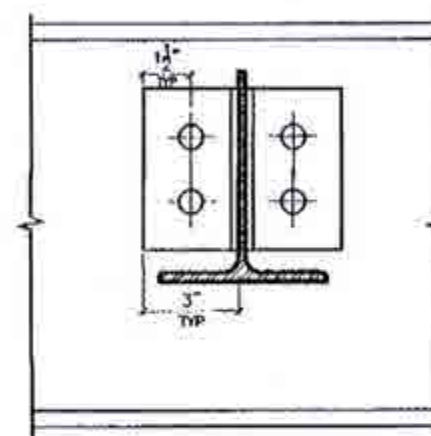


SECTION 1-1

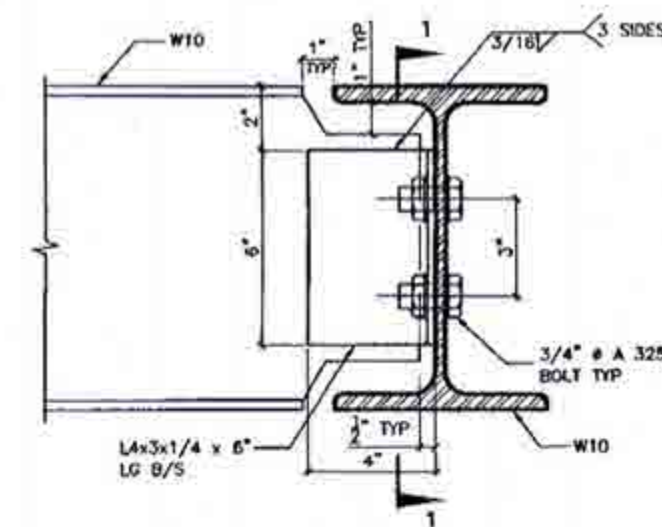


DETAIL 2.

W6(W8)
TO
W10(W12)
CONNECTION

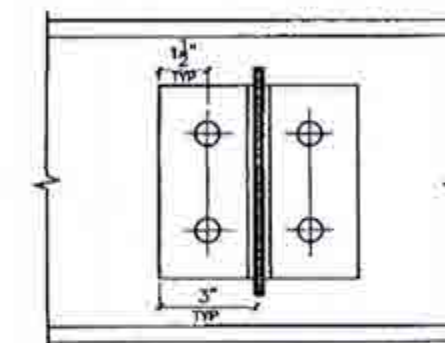


SECTION 1-1

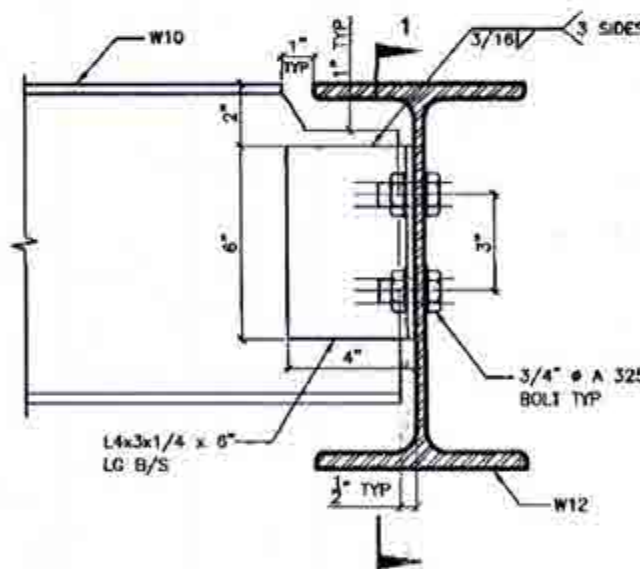


DETAIL 3.

W10
TO
W10
CONNECTION

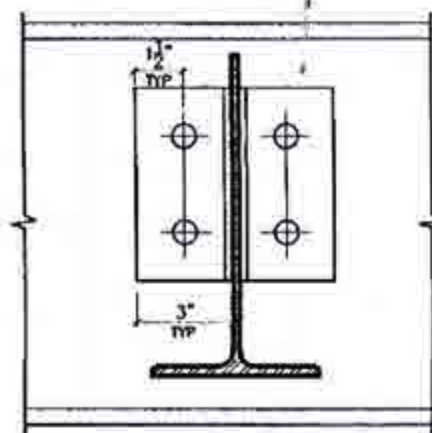


SECTION 1-1

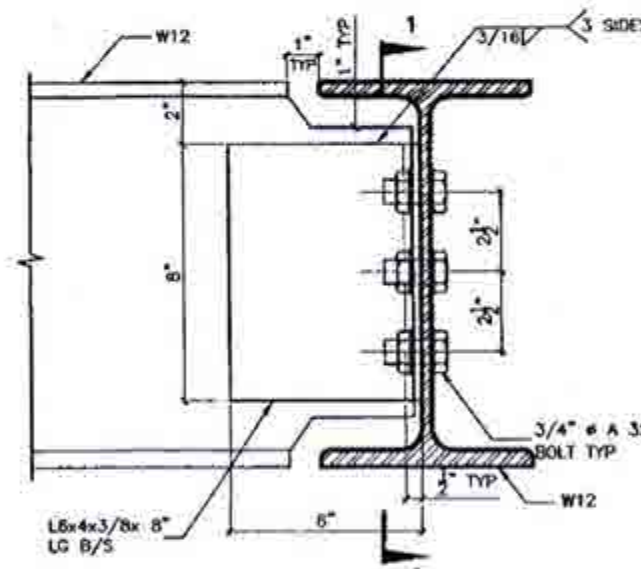


DETAIL 4.

W10
TO
W12
CONNECTION

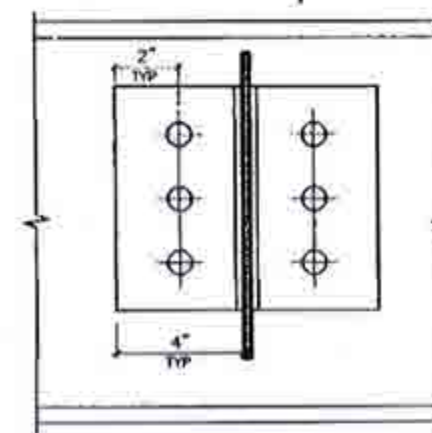


SECTION 1-1

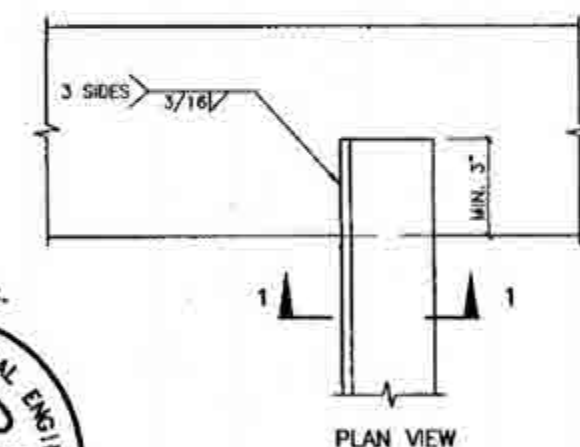


DETAIL 5.

W12
TO
W12
CONNECTION



SECTION 1-1

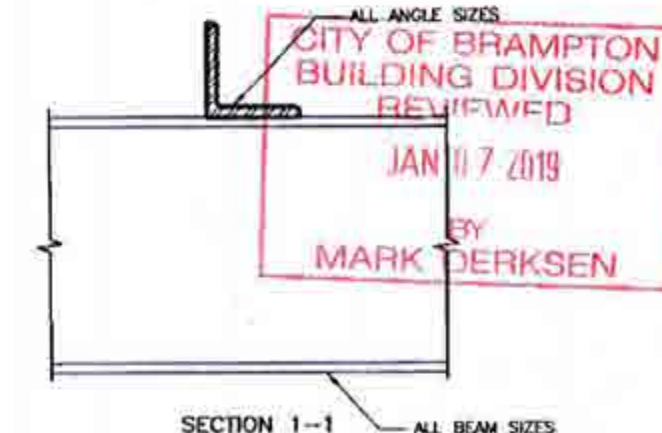


PLAN VIEW



DETAIL 6.

ANGLE
TO
BEAM
CONNECTION



SECTION 1-1 ALL BEAM SIZES

2012 CODE
COMPLIANCE PACKAGE "A1"

5.		
4.		
3.		
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28770
BCIN

REGION DESIGN INC.
8700 DUFFERIN ST.
CONCORD, ONTARIO
L4K 4S6
P (416) 736-4095
F (905) 660-0746

**REGION
DESIGN
INC.**

SHEET TITLE
**BEAM DETAILS
STEEL**

SCALE
N.T.S.

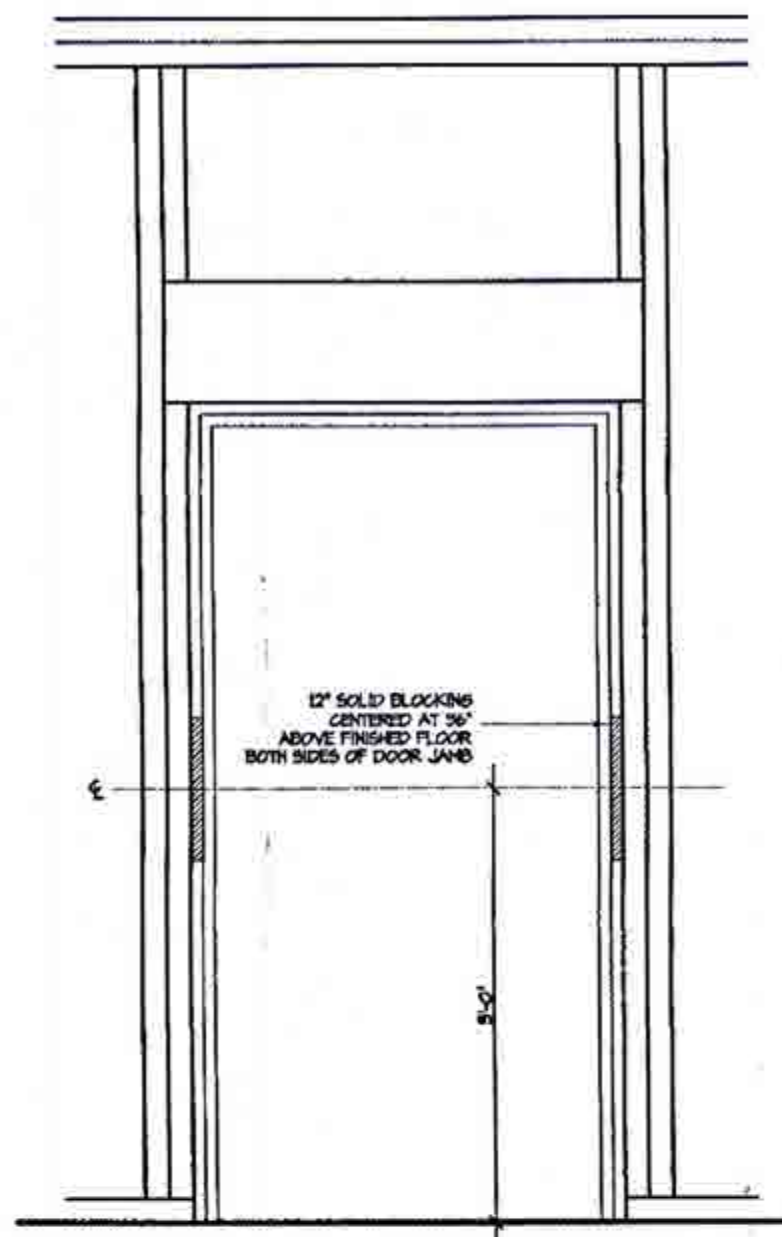
DATE
JULY 2018

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

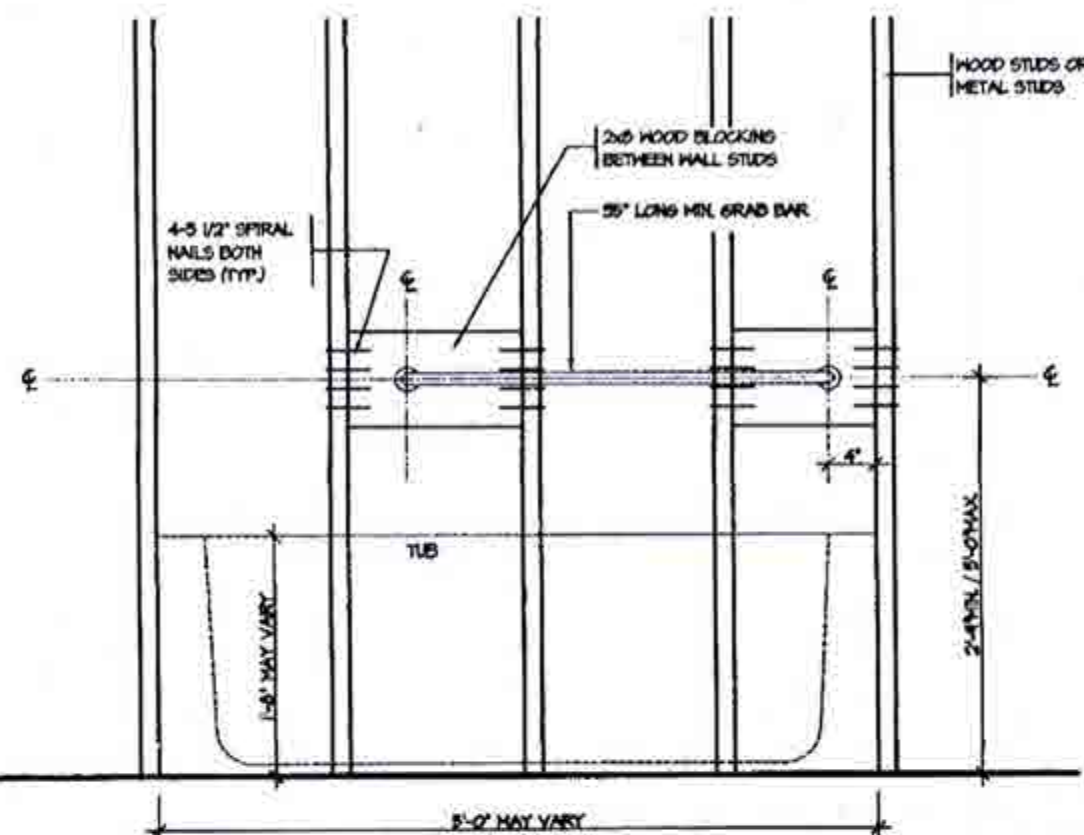
PAGE No.
10

Greenpark.

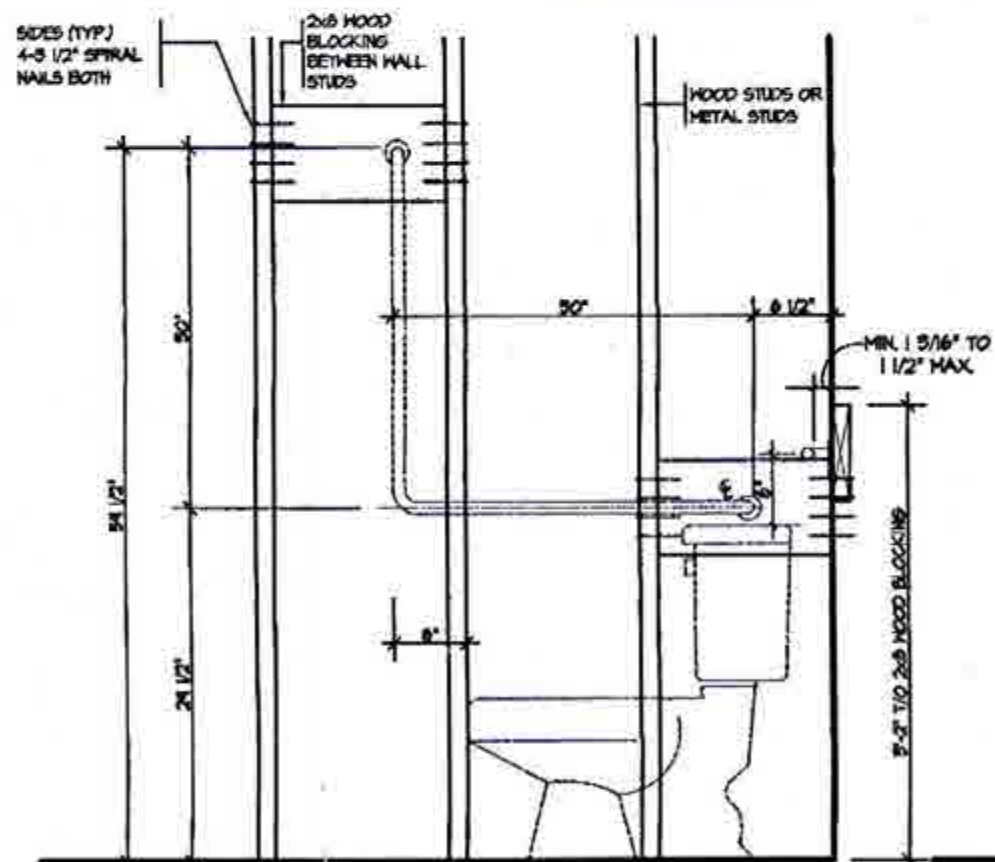
PROJECT NAME
MINNISALE HOMES CORP.



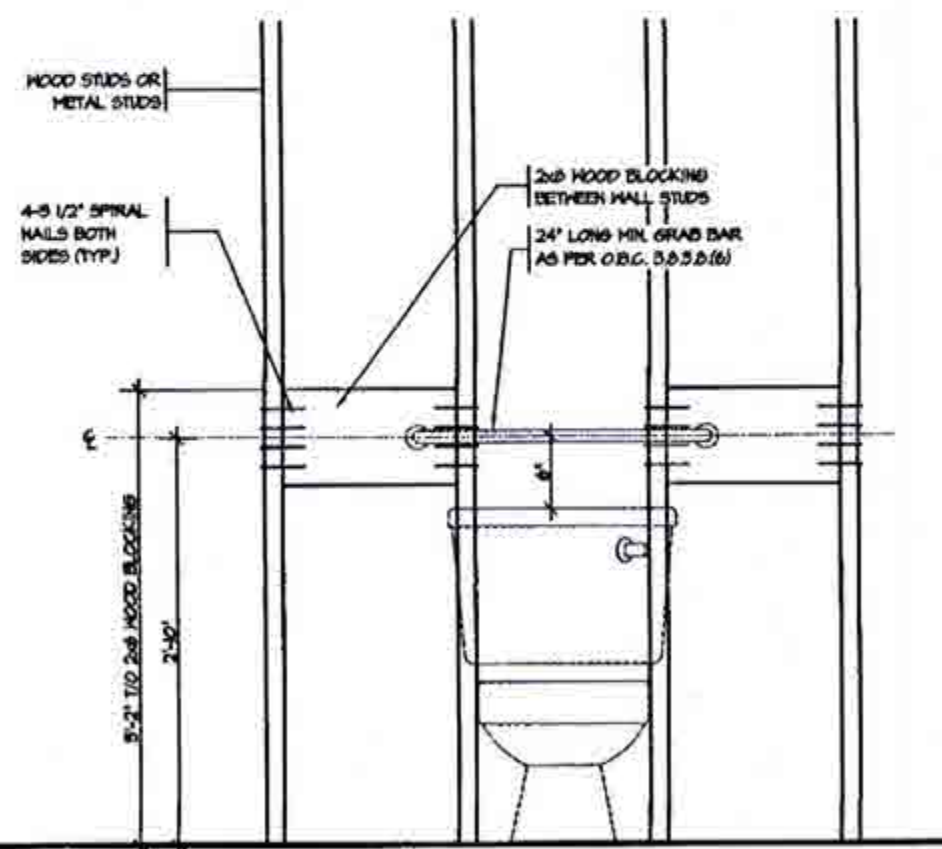
RESISTANCE TO FORCED ENTRY (OBC 4.6.8)



BATH TUB FRONT ELEVATION



TOILET SIDE ELEVATION



TOILET FRONT ELEVATION

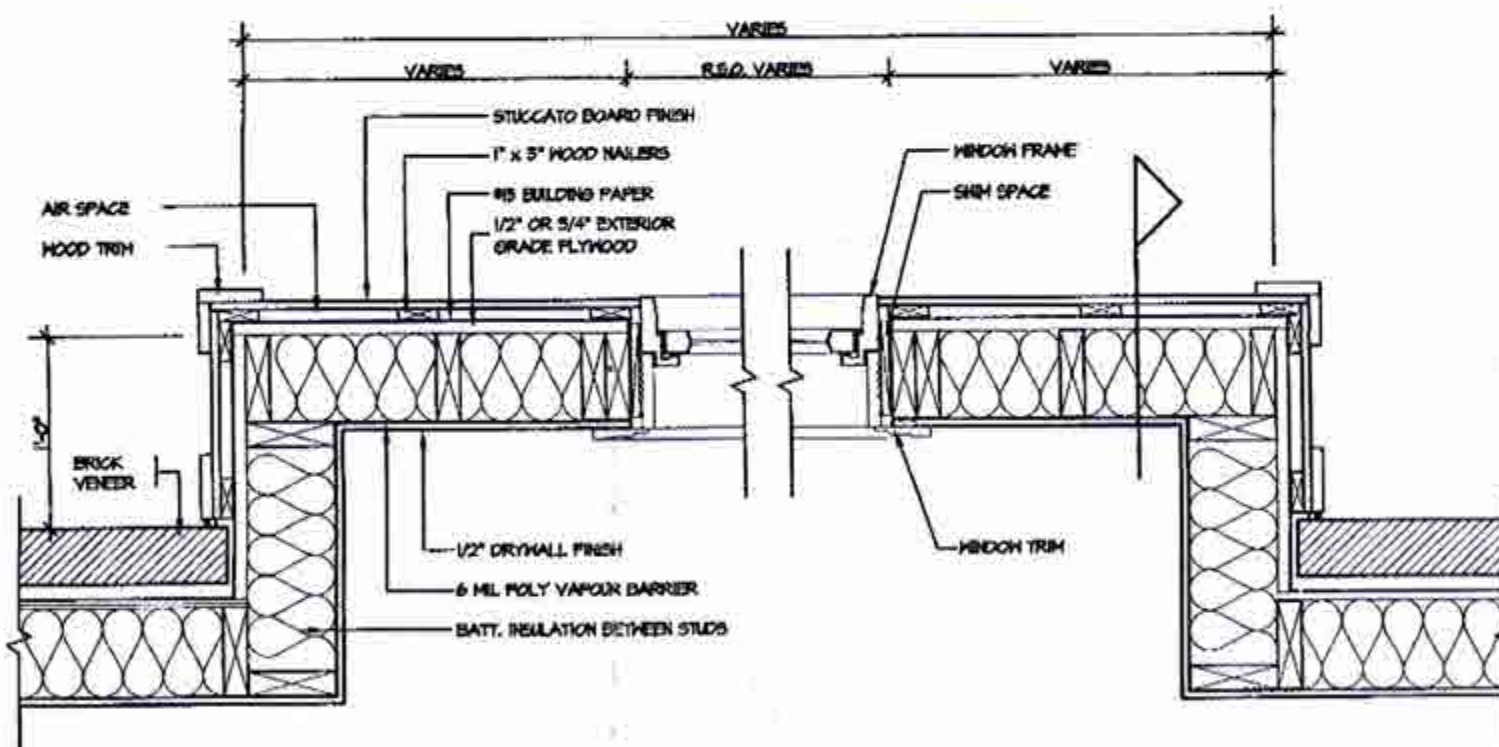
STRUCTURAL REINFORCEMENT FOR GRAB BAR (OBC 4.5.2.3)

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BY
MARK DERKSEN



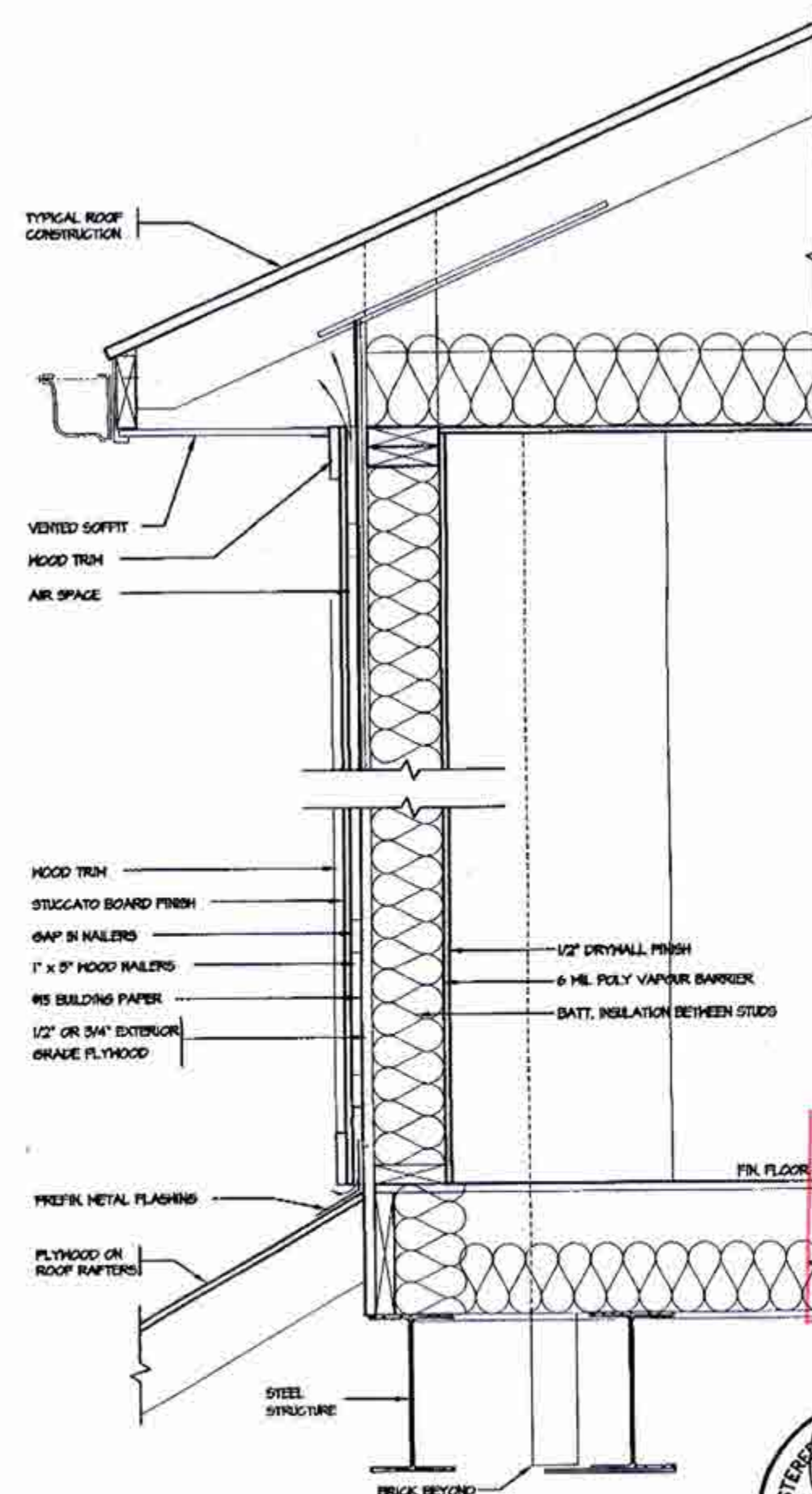
2012 CODE
COMPLIANCE PACKAGE "A1

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PLAN VIEW

STUCCO BOARD FINISH CLADDING (OBC 9.21)



CROSS SECTION

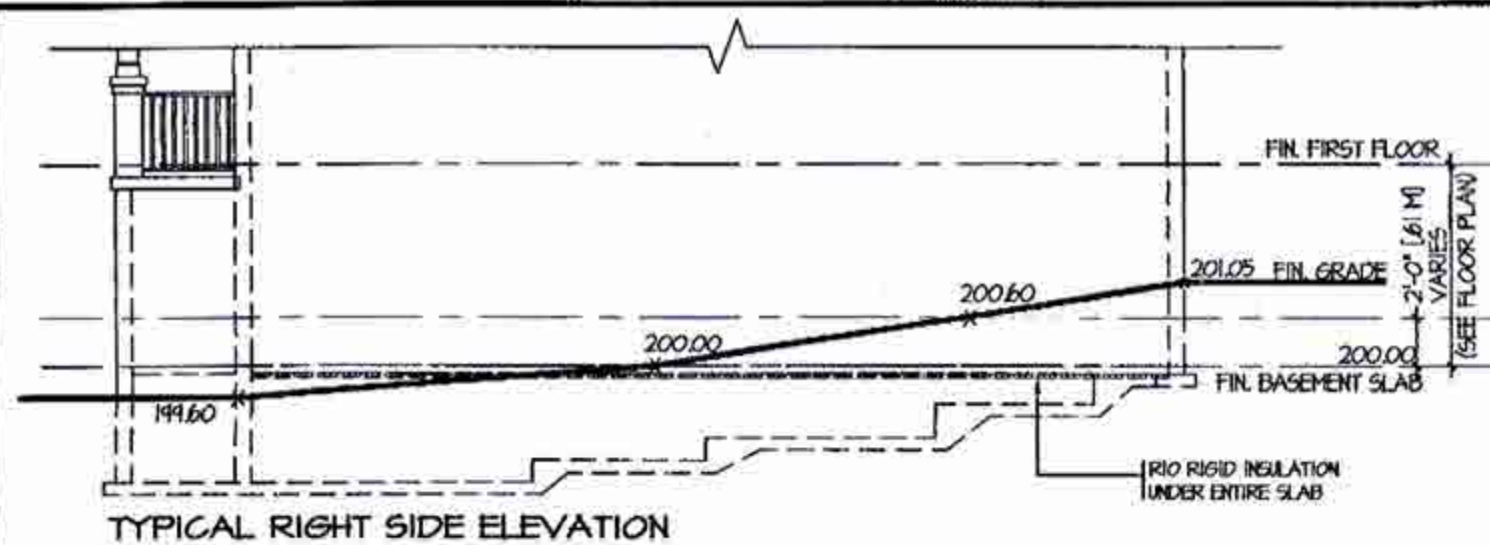
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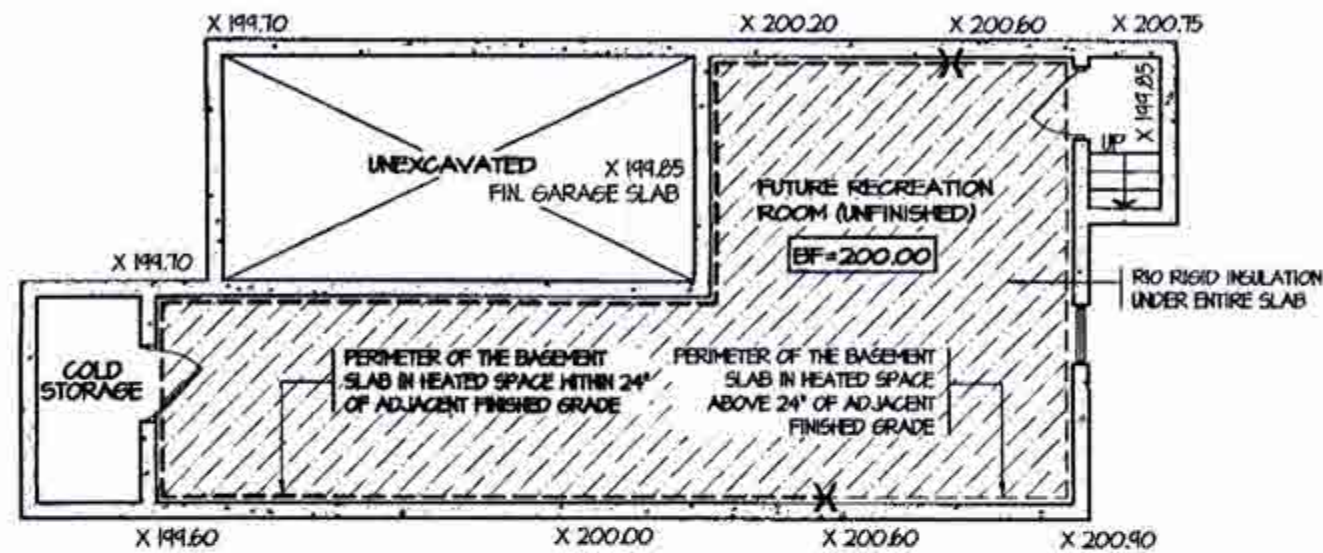
FOR STRUCTURE ONLY

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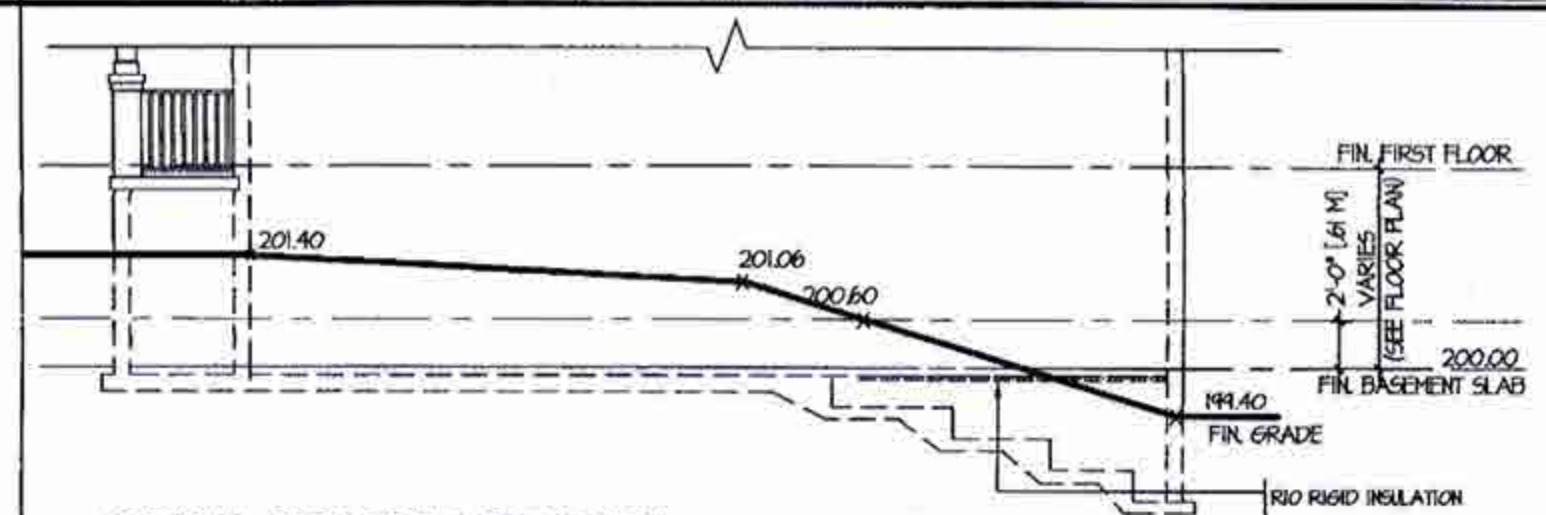
TYPICAL RIGHT SIDE ELEVATION



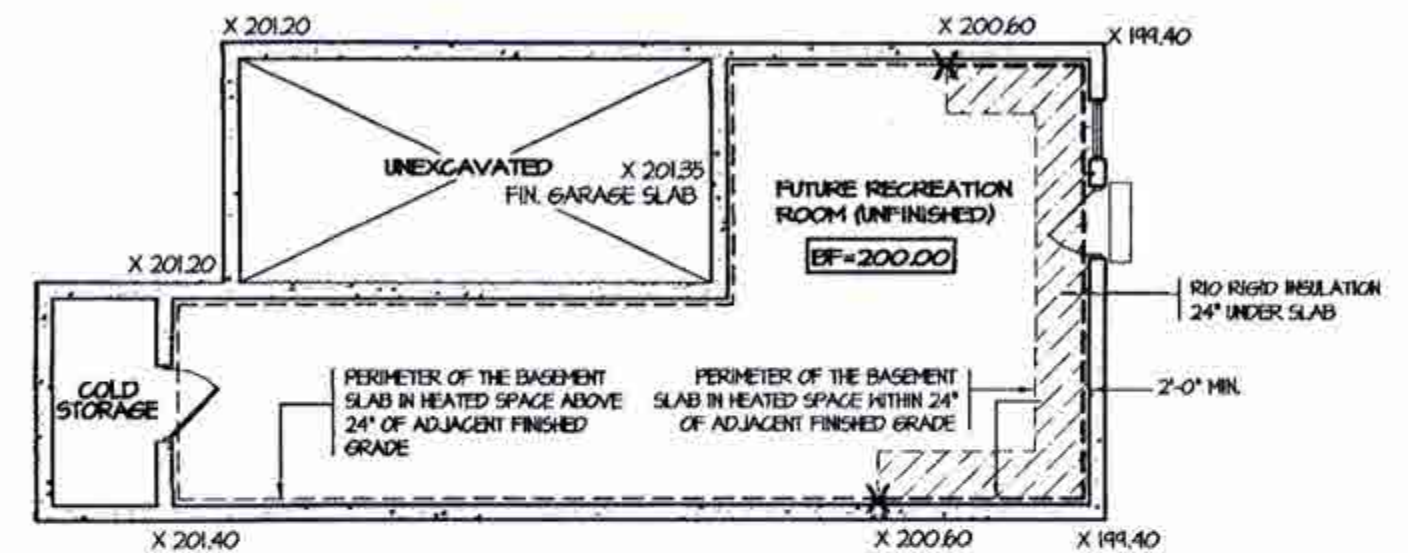
TYPICAL BASEMENT PLAN

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.



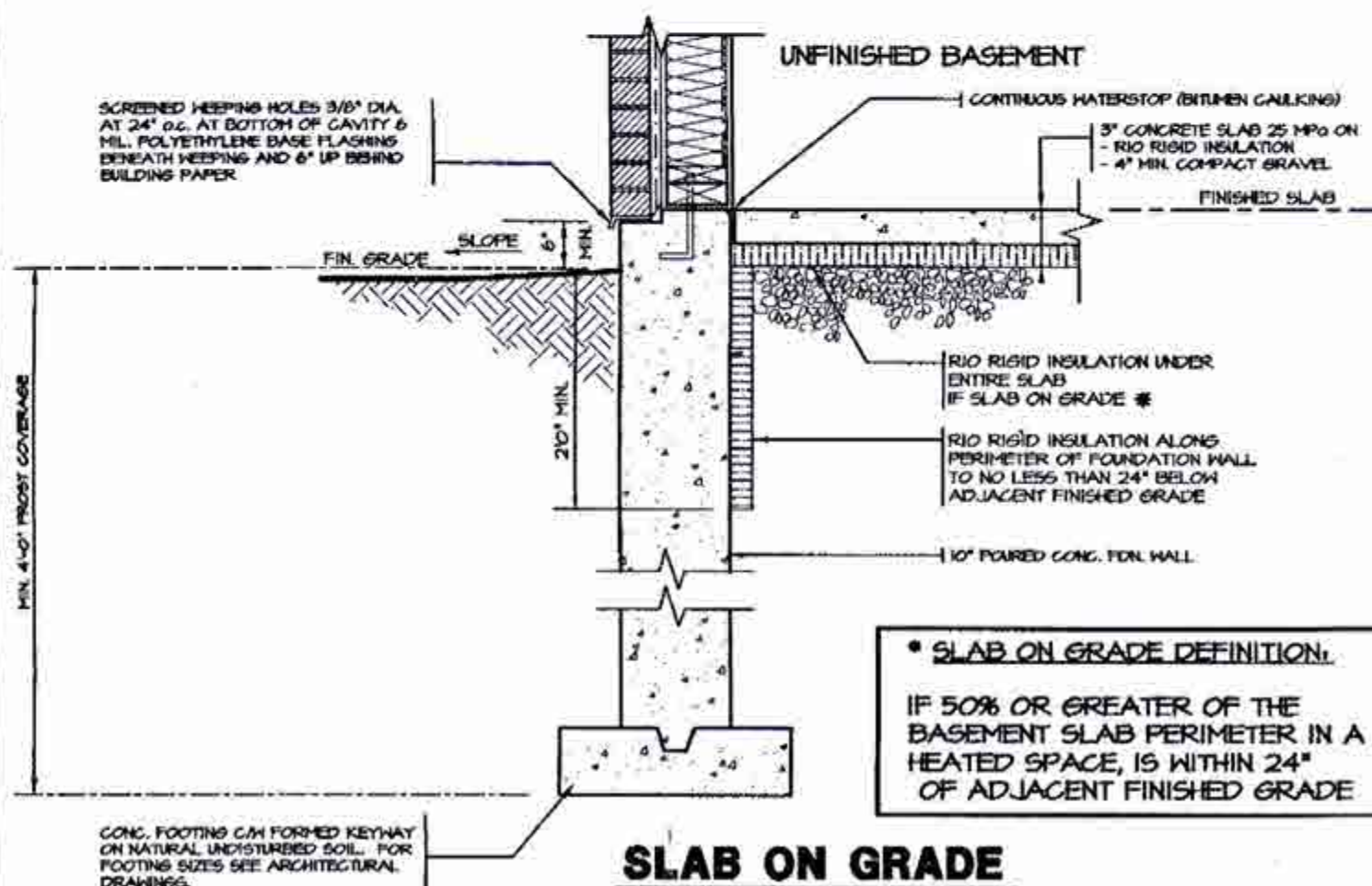
TYPICAL RIGHT SIDE ELEVATION



TYPICAL BASEMENT PLAN

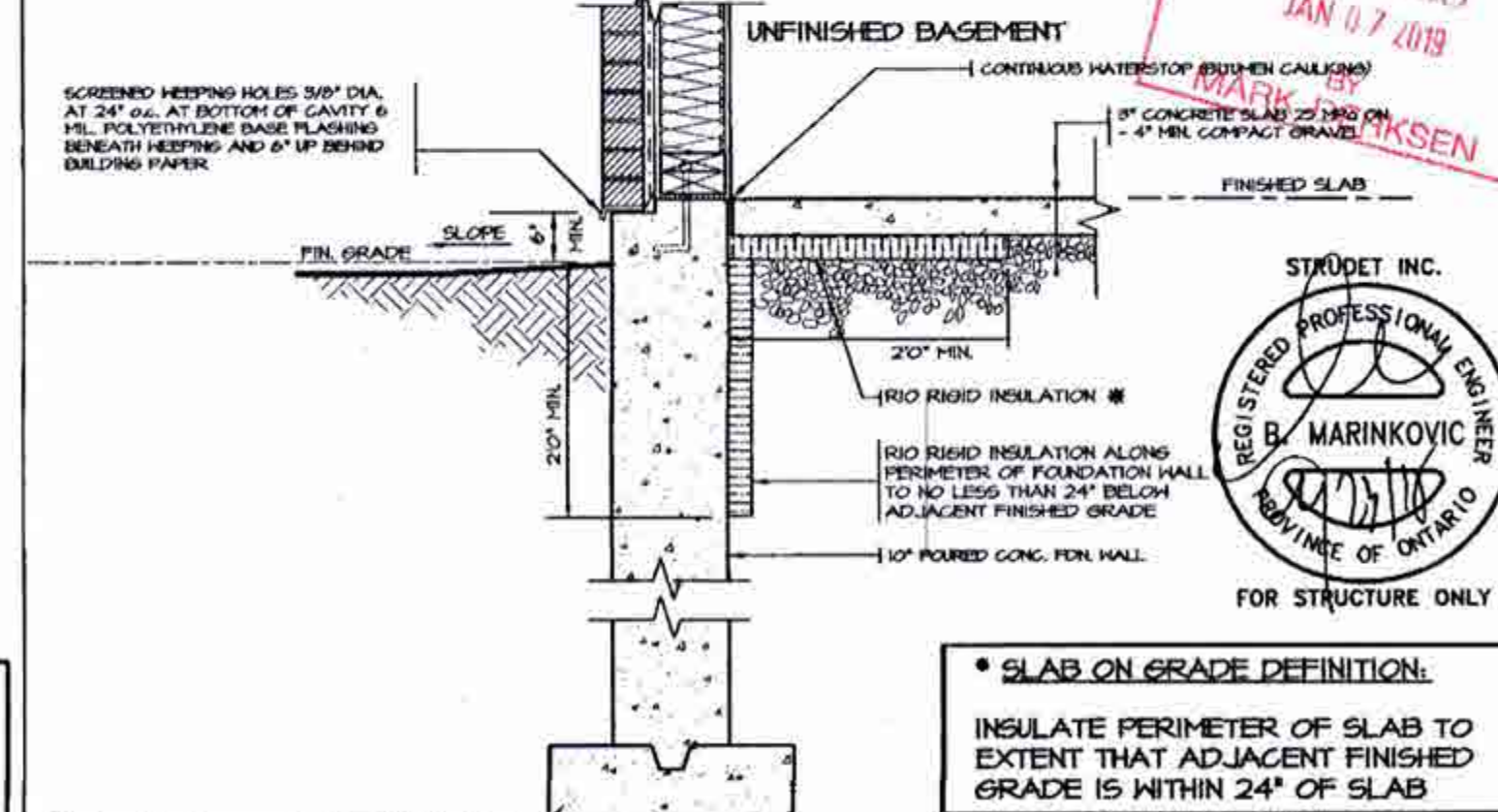
WALK OUT BASEMENT CONDITION

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



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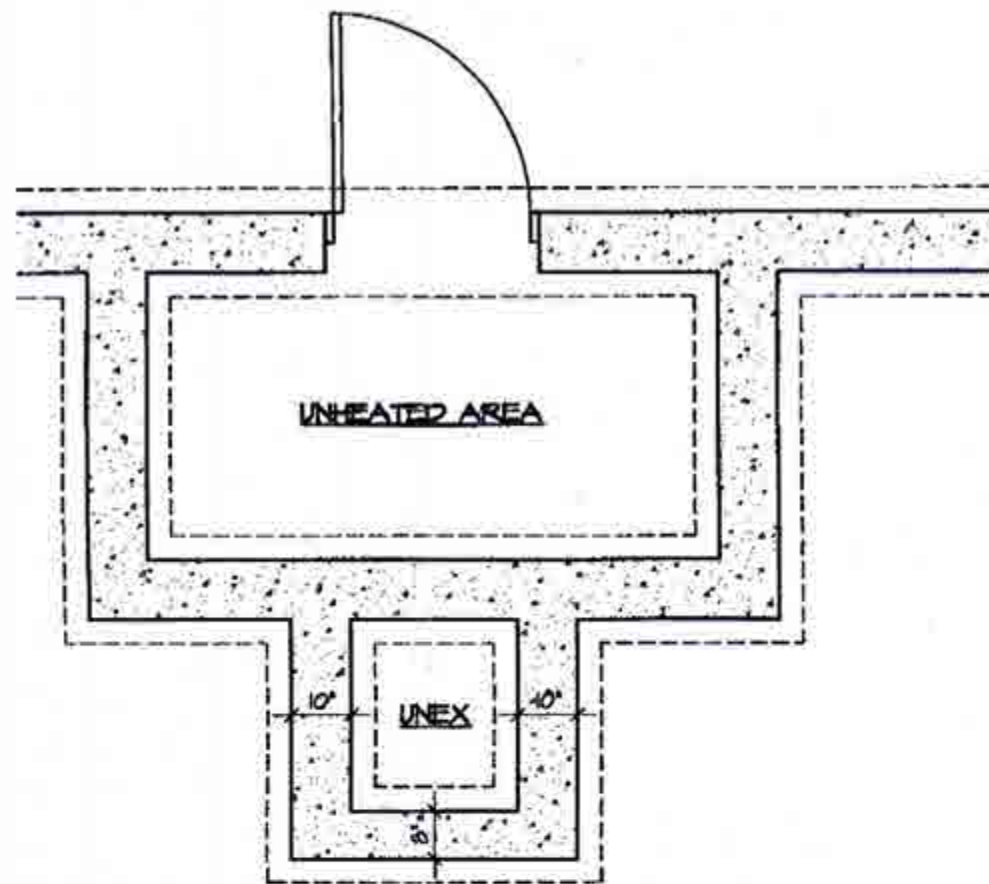
REGION DESIGN INC.
8700 DUFFERIN ST.
CONCORD, ONTARIO
L4K 4S8
P (416) 736-4098
F (905) 860-0746

REGION
DESIGN
INC.

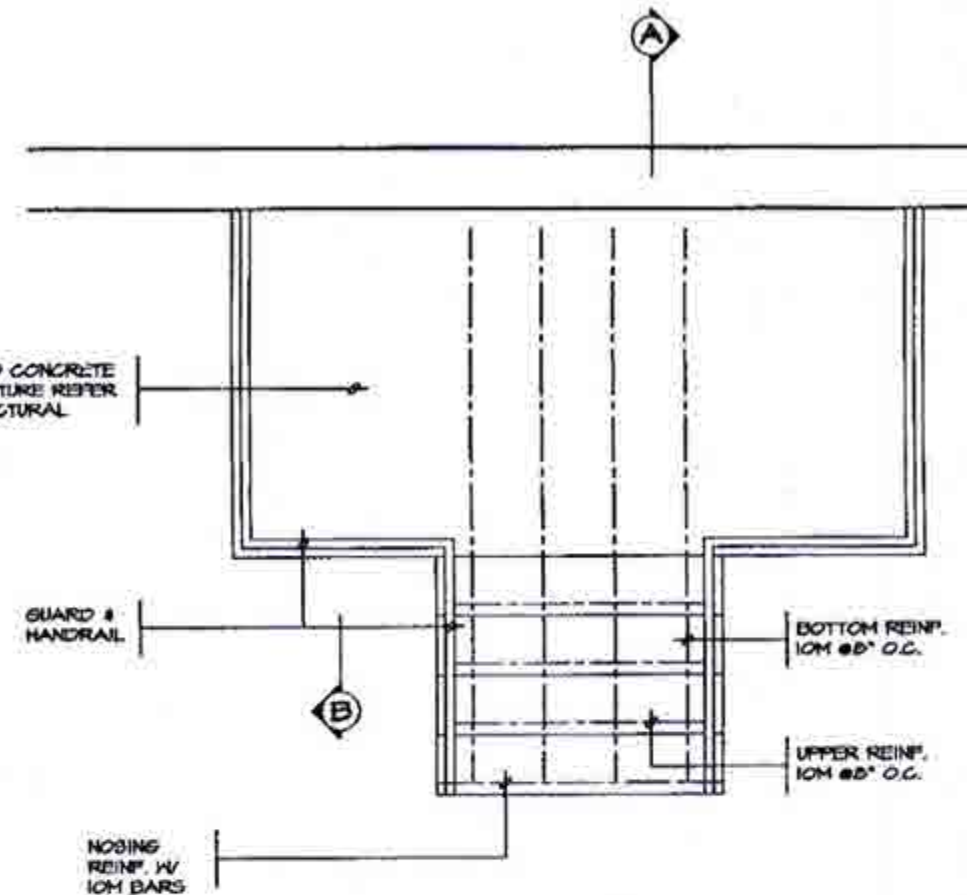
SHEET TITLE
SLAB ON GRADE
WALKOUT BASEMENT
SCALE
N.T.S.
DATE
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PAGE NO.
13

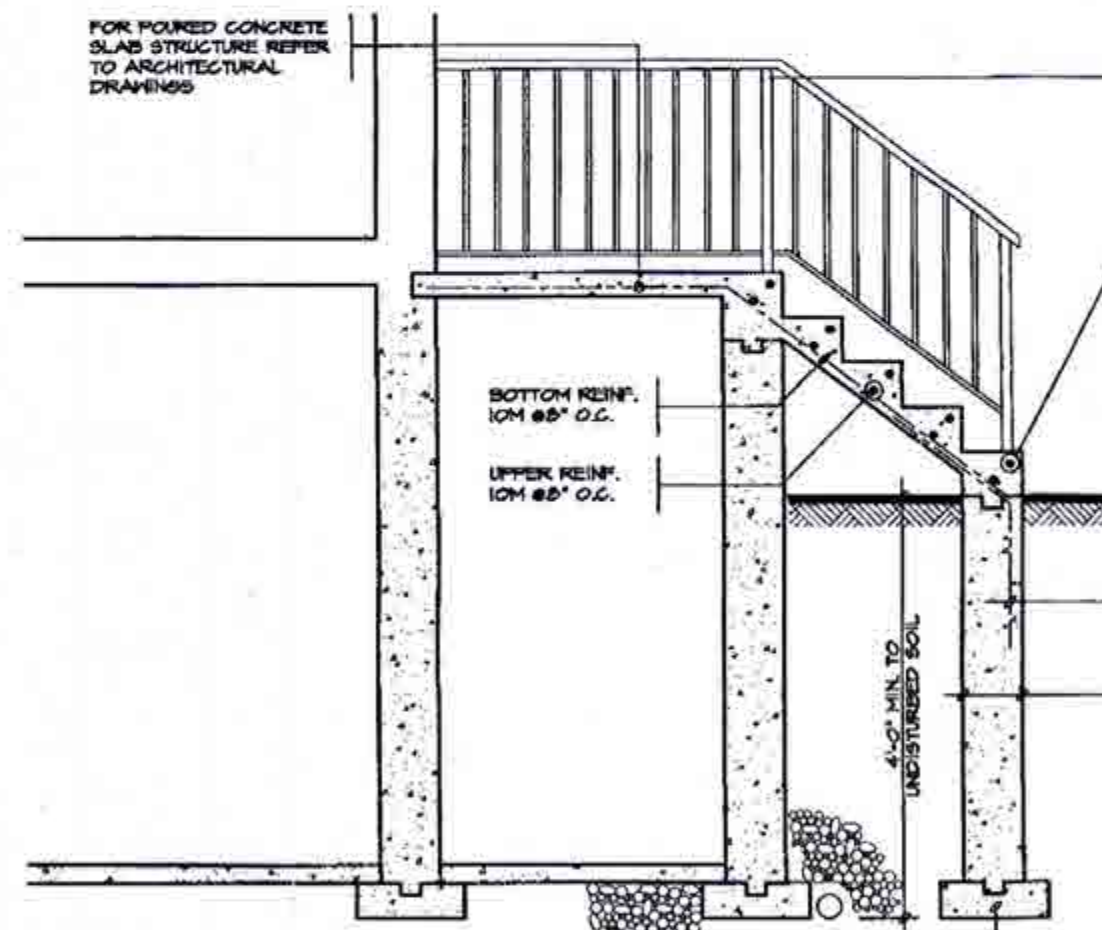
Greenpark
PROJECT NAME
MINNISALE HOMES CORP.



FOUNDATION PLAN



GROUND FLOOR PLAN



SECTION 'A'

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

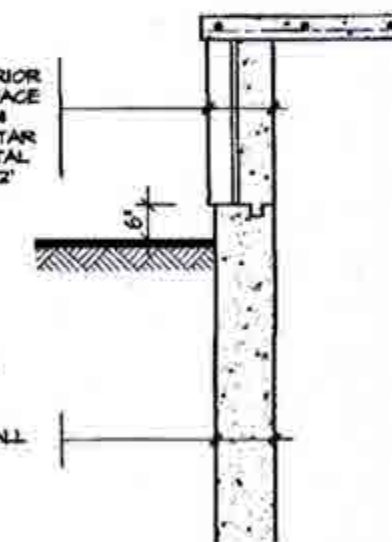
NOSING REINF. W/ 10M BARS

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

10M #8 O.C. DOWELS TO MATCH BOTTOM REINF.

POURED FDN. WALL

6" X16" POURED CONC. FOOTING



SECTION 'B'

NOTE: FOR MORE THAN 8 RISERS

GENERAL NOTES

1. EXTERIOR STAIRS
7 7/8" RISE MAXIMUM
8 1/4" RUN MINIMUM
4 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 & 8" 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 31" 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 5 RISERS. HANDRAIL HEIGHT 31" - 36"
5. FOUNDATION WALLS
THICKNESS OF FOUNDATION WALLS IS DEPENDANT UPON VENEER CUT & FOR UP TO 26" VENEER CUT HEIGHT 10" FOR VENEER CUT OVER 26" HIGH
6. CONCRETE
MINIMUM CONCRETE STRENGTH SHALL BE 4050 PSI (28MPa) W/ 5%-8% AIR ENTRAINMENT MINIMUM CONCRETE SLAB THICKNESS 5"
7. CONCRETE COVER
PROVIDE MINIMUM 3/4" CLEAR CONCRETE COVER TO REINFORCING BARS



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2012 CODE
COMPLIANCE PACKAGE "A1"



PROJECT NAME
MINNISALE HOMES CORP.

REVISIONS	
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CONCORD, ONTARIO
P (416) 736-4086
F (905) 660-0746

**REGION
DESIGN
INC.**

SHEET TITLE
**POURED CONCRETE
STAIRS**
SCALE
3/8"=1'-0"
DATE
JULY 2018

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PAGE No.
14