

EAGLEWING HOMIES INC.

LOT 20 SUNVIEW DRIVE
NORWICH, ONT



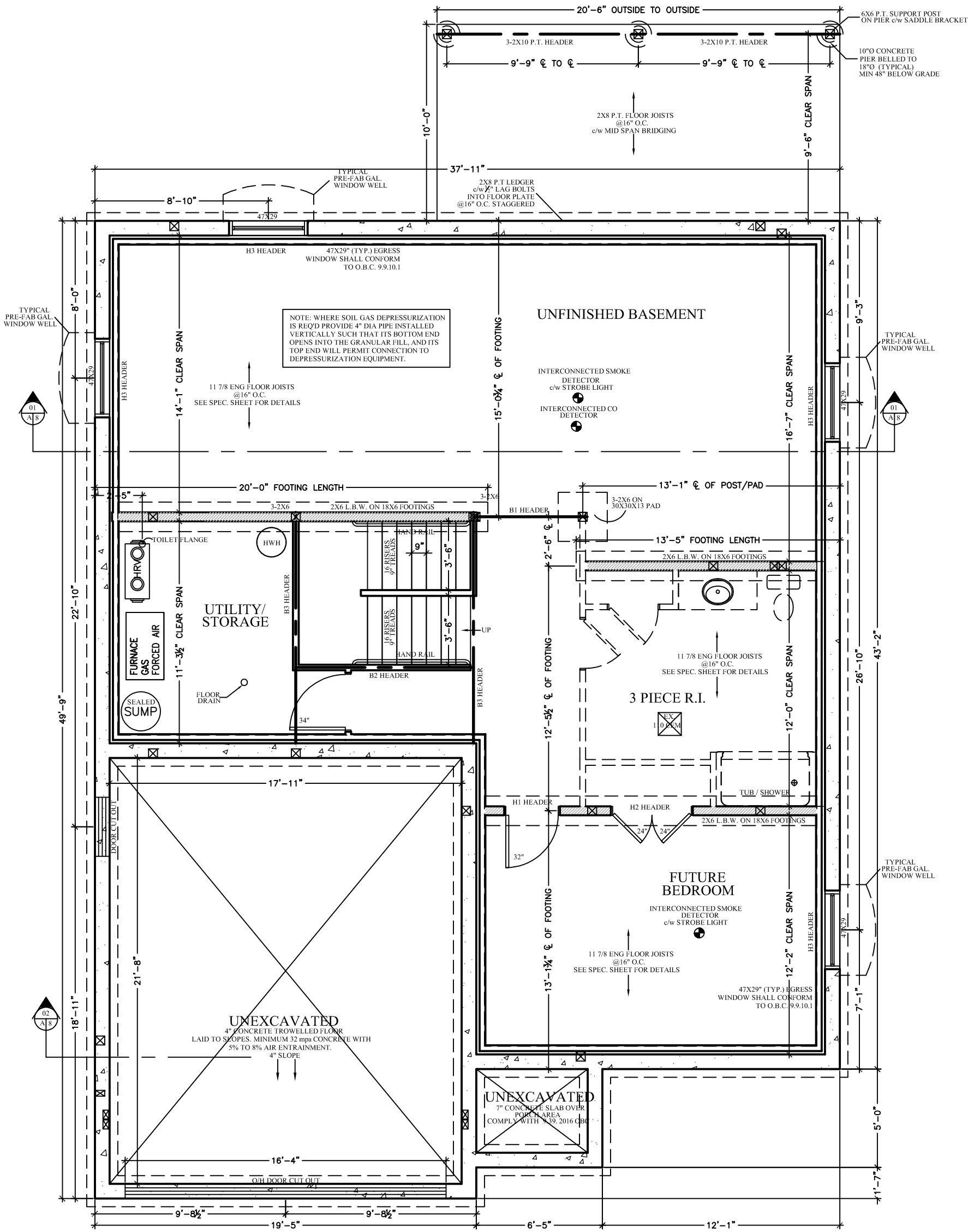
LEGEND

A1	FOUNDATION PLAN
A2	MAIN FLOOR PLAN
A3	UPPER FLOOR PLAN
A4-A7	ELEVATIONS
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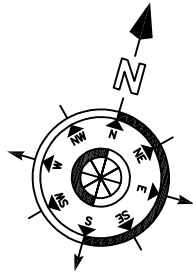
FOUNDATION PLAN

Scale 3/16"=1'-0"



GENERAL NOTES:

1. FOUNDATION PLAN NOTES:
2. ALL DIMENSIONS TO EXTERIOR FOUNDATION WALLS.
3. ALL FOOTINGS SHALL BEAR DIRECTLY ON EXISTING OR PROPOSED FOUNDATION.
4. APPROVED GRANULAR FILL SHALL BE COMPACTED IN 6" LAYERS TO 95% STANDARD PROCTOR MAXIMUM DRY DENSITY.
5. ALL EXTERIOR FOOTINGS SHALL BE A MINIMUM 4'-0" BELOW FINISHED GRADE TO PROTECT FROM FROST ACTION.
6. CONCRETE FOR FLOOR SLABS SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 25 MPa. ALL OTHER CONCRETE SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 16 MPa (7.5% AIR / 4" STAND).
7. REINFORCING STEEL TO HAVE MINIMUM 1/2" COVER, MAXIMUM 2" COVER AT BOTTOM OF SLAB.



I review and take responsibility for the design work on behalf of a firm registered under subsection 2.17.4. of the O.B.C. I am qualified, and the firm is registered, in the appropriate classes/categories

Tony Wall
BCIN : 22052

SQUARE FOOTAGE
MAIN FLOOR 1141 SQ.FT.
UPPER FLOOR 1413 SQ.FT.
GARAGE 423 SQ.FT.

REV #	DATE	DESCRIPTION
1	03/04	PERMIT ISSUE
2		
3		
4		



PROPERTY OF VIEW-IT DESIGN

VIEW-IT DESIGN
RR# 1 PORT BURWELL
OFFICE: 519-847-1173
FAX: 519-847-4805

EAGLEWING HOMES INC.
LOT 20 SUNVIEW DRIVE
NORWICH, ONT

PROPOSED HOUSE PLANS
FOUNDATION PLAN

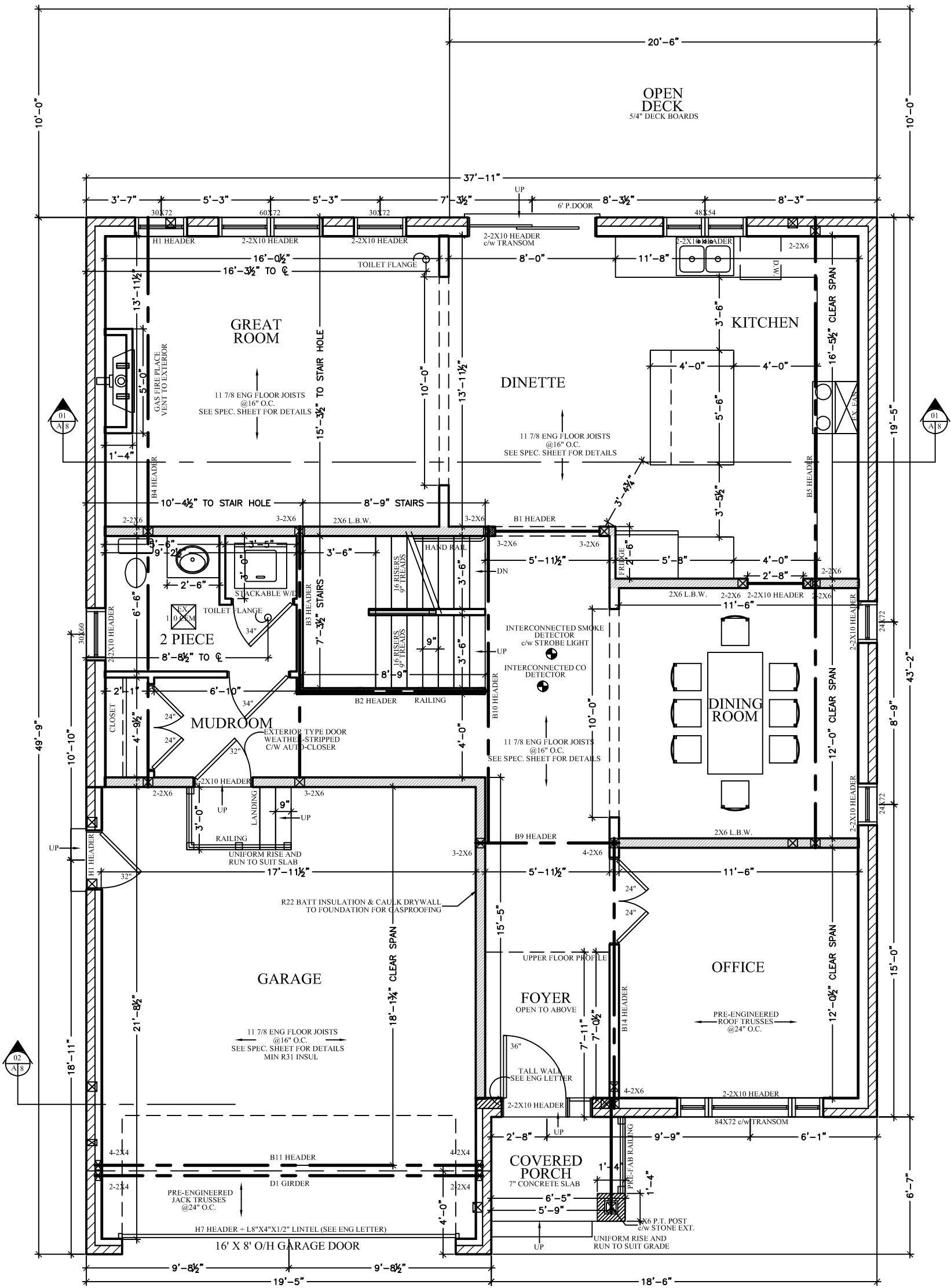
DRAWN BY: TONY WALL
BCIN: 20630 PO# 2146
DATE: MARCH 2021

SHEET NO. 1 OF 11

A1

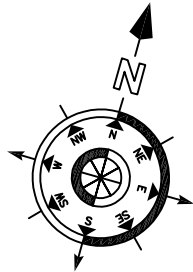
MAIN FLOOR PLAN

Scale 3/16"=1'-0"



GENERAL NOTES:

1. ALL DIMENSIONS TO EXTERIOR FOUNDATION WALLS.
2. ALL FOOTINGS SHALL BEAR DIRECTLY ON CAPACITIES OF 5000 PSF. (ASSUMED SOIL BEARING CAPACITY OF 5000 PSF).
3. APPROVED GRANULAR FILL SHALL BE PROCTOR MAXIMUM DRY DENSITY.
4. ALL EXTERIOR FOOTINGS SHALL BE A MINIMUM 4'-0" BELOW FINISHED GRADE TO PROTECT FROM FROST ACTION.
5. CONCRETE FOR FLOOR SLABS SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 25 MPa. ALL OTHER CONCRETE SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 20 MPa. (SEE SPEC. SHEET FOR FURTHER DETAILS).
6. REINFORCING STEEL TO HAVE MINIMUM 1/2" COVER, MAXIMUM 2" COVER AT BOTTOM OF SLAB.



I hereby give and take responsibility for the design work on behalf of a firm registered under subsection 2.17.4. of the O.R.C. I am qualified, and the firm is registered, in the appropriate classes/categories

Tony Wall
BCIN: 22052

SQUARE FOOTAGE
MAIN FLOOR 1141 SQ. FT.
UPPER FLOOR 1413 SQ. FT.
GARAGE 423 SQ. FT.

REV #	DATE	DESCRIPTION
1	03/04	PERMIT ISSUE
2		
3		
4		



PROPERTY OF VIEW-IT DESIGN

VIEW-IT DESIGN
RR# 1 PORT BURWELL
OFFICE: 594-85173
FAX: 594-84805

EAGLEWING HOMES INC.
LOT 20 SUNVIEW DRIVE
NORWICH, ONT

PROPOSED HOUSE PLANS

MAIN FLOOR PLAN

DRAWN BY: TONY WALL
BCIN: 20630 PO# 2146

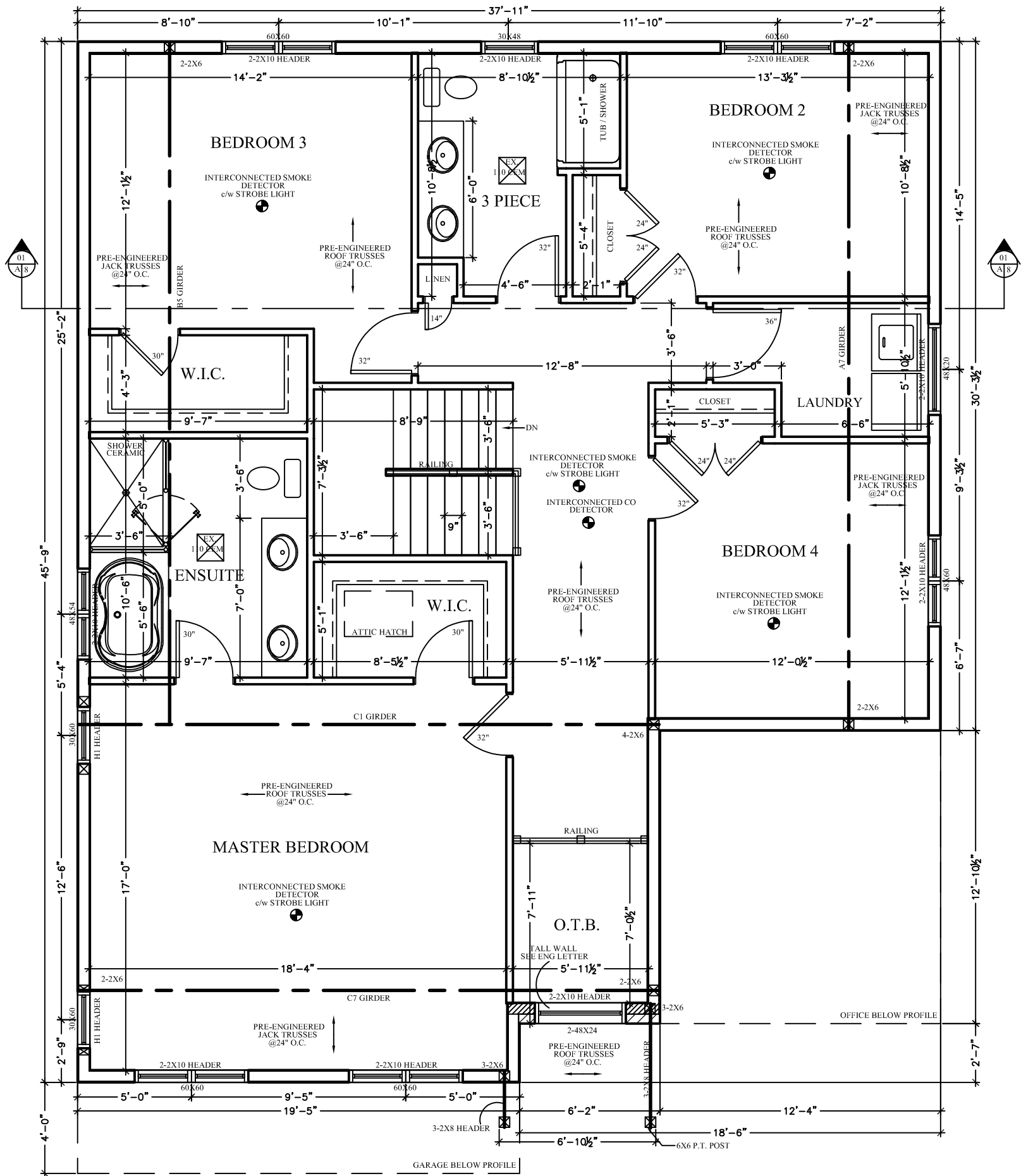
DATE: MARCH 2021

SHEET NO. 2 OF 11

A2

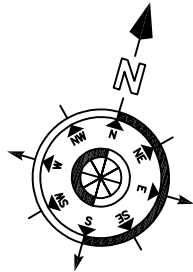
UPPER FLOOR PLAN

Scale 3/16"=1'-0"



GENERAL NOTES:

1. ALL DIMENSIONS TO EXTERIOR FOUNDATION WALLS.
2. ALL FOOTINGS SHALL BEAR DIRECTLY ON CAPACITIES 5000 PSF. ASSUMED SOIL BEARING CAPACITY 5000 PSF.
3. APPROVED GRANULAR FILL SHALL BE PROCTOR MAXIMUM DRY DENSITY.
4. ALL EXTERIOR FOOTINGS SHALL BE A MINIMUM 4'-0" BELOW FINISHED GRADE TO PROTECT FROM FROST ACTION.
5. CONCRETE FOR FLOOR SLABS SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 25 MPa. ALL OTHER CONCRETE SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 16 MPa (2300 PSI) UNLESS OTHERWISE SPECIFIED.
6. REINFORCING STEEL TO HAVE MINIMUM 1/2" COVER, MAXIMUM 2" COVER AT BOTTOM OF SLAB.



I review and take responsibility for the design work on behalf of a firm registered under subsection 2.17.4. of the O.B.C. I am qualified, and the firm is registered, in the appropriate classes/categories

Tony Wall
BCIN : 20652

SQUARE FOOTAGE
MAIN FLOOR 1141 SQ. FT.
UPPER FLOOR 1413 SQ. FT.
GARAGE 423 SQ. FT.

REV #	DATE	DESCRIPTION
4		
3		
2		
1	03/04	PERMIT ISSUE



PROPERTY OF VIEW-IT DESIGN

VIEW-IT DESIGN
RR# 1 PORT BURWELL
OFFICE: 594-551173
FAX: 594-44805

EAGLEWING HOMES INC.
LOT 20 SUNVIEW DRIVE
NORWICH, ONT

PROPOSED HOUSE PLANS
UPPER FLOOR PLAN

DRAWN BY: TONY WALL
BCIN: 20630 PO# 2146
DATE: MARCH 2021
SCALE: SEE DWG

A3

SHEET NO. 3 OF 11

GENERAL NOTES:

- FOUNDATION PLAN NOTES:
- ALL DIMENSIONS TO EXTERIOR FOUNDATION WALLS
- ALL FOOTINGS SHALL BEAR DIRECTLY ON CAPACITY 2500 P.S.F. (ASSUMED SOIL BEARING CAPACITY)
- APPROVED GRANULAR FILL SHALL BE PROCTOR MAXIMUM DRY DENSITY.
- ALL EXTERIOR FOOTINGS SHALL BE A MINIMUM 4" BELOW FINISHED GRADE TO PROTECT FROM FROST ACTION.
- CONCRETE FOR FLOOR SLABS SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 25 MPa. ALL OTHER CONCRETE SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 20 MPa. (SEE SPECIFICATIONS FOR FURTHER DETAILS)
- REINFORCING STEEL TO HAVE MINIMUM 1/2" COVER, MAXIMUM 2" COVER AT BOTTOM OF SLAB.

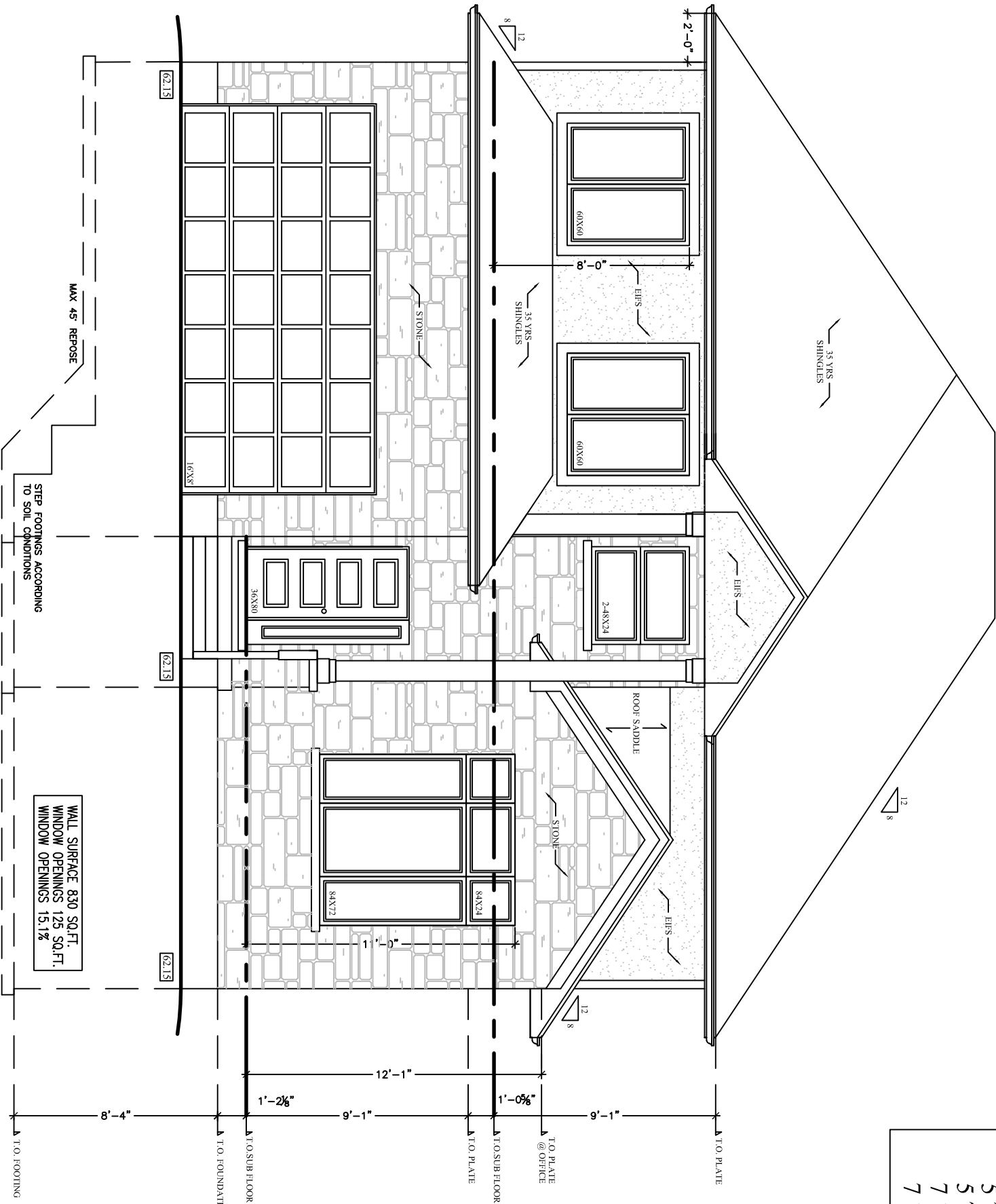
LINTEL SCHEDULE FOR MASONARY VENEERS

as per 9.20.5.2B 2016 OBC

	BRICK	STONE
3 1/2"X 3 1/2" X 1/4"	8'-1"	7'-9"
4"X 3 1/2" X 1/4"	8'-9"	8'-2"
4 7/8"X 3 1/2" X 5/16"	10'-10"	10'-1"
4 7/8"X 3 1/2" X 3/8"	11'-5"	10'-8"
4 7/8"X 3 1/2" X 1/2"	11'-9"	10'-11"
5 7/8"X 3 1/2" X 3/8"	12'-7"	11'-8"
5 7/8"X 3 1/2" X 1/2"	13'-5"	12'-5"
5 7/8"X 4" X 1/2"	13'-6"	12'-7"
7 1/8"X 4" X 3/8"	14'-1"	13'-1"
7 1/8"X 4" X 1/2"	15'-1"	14'-0"

SOUTH ELEVATION

Scale 3/16"=1'-0"



I review and take responsibility for the design work on behalf of a firm registered under subsection 2.17.4. of the O.B.C. I am qualified, and the firm is registered, in the appropriate classes/categories

Tony Wall
BCIN : 22052

SQUARE FOOTAGE

MAIN FLOOR	1141 SQ.FT.
UPPER FLOOR	1413 SQ.FT.
GARAGE	423 SQ.FT.

REV.#	DATE	DESCRIPTION
4		
3		
2		
1	03/04	PERMIT ISSUE



PROPERTY OF VIEW-IT DESIGN

VIEW-IT DESIGN
RR#1 PORT BURWELL
OFFICE: 504-851-1173
FAX: 504-851-4805

EAGLEWING HOMES INC.
LOT 20 SUNVIEW DRIVE
NORWICH, ONT

PROPOSED HOUSE PLANS

ELEVATIONS

DRAWN BY: TONY WALL
BCIN: 20630 PO# 2146
SCALE: SEE DWG

DATE: MARCH 2021

SHEET NO. 4 OF 11

A4

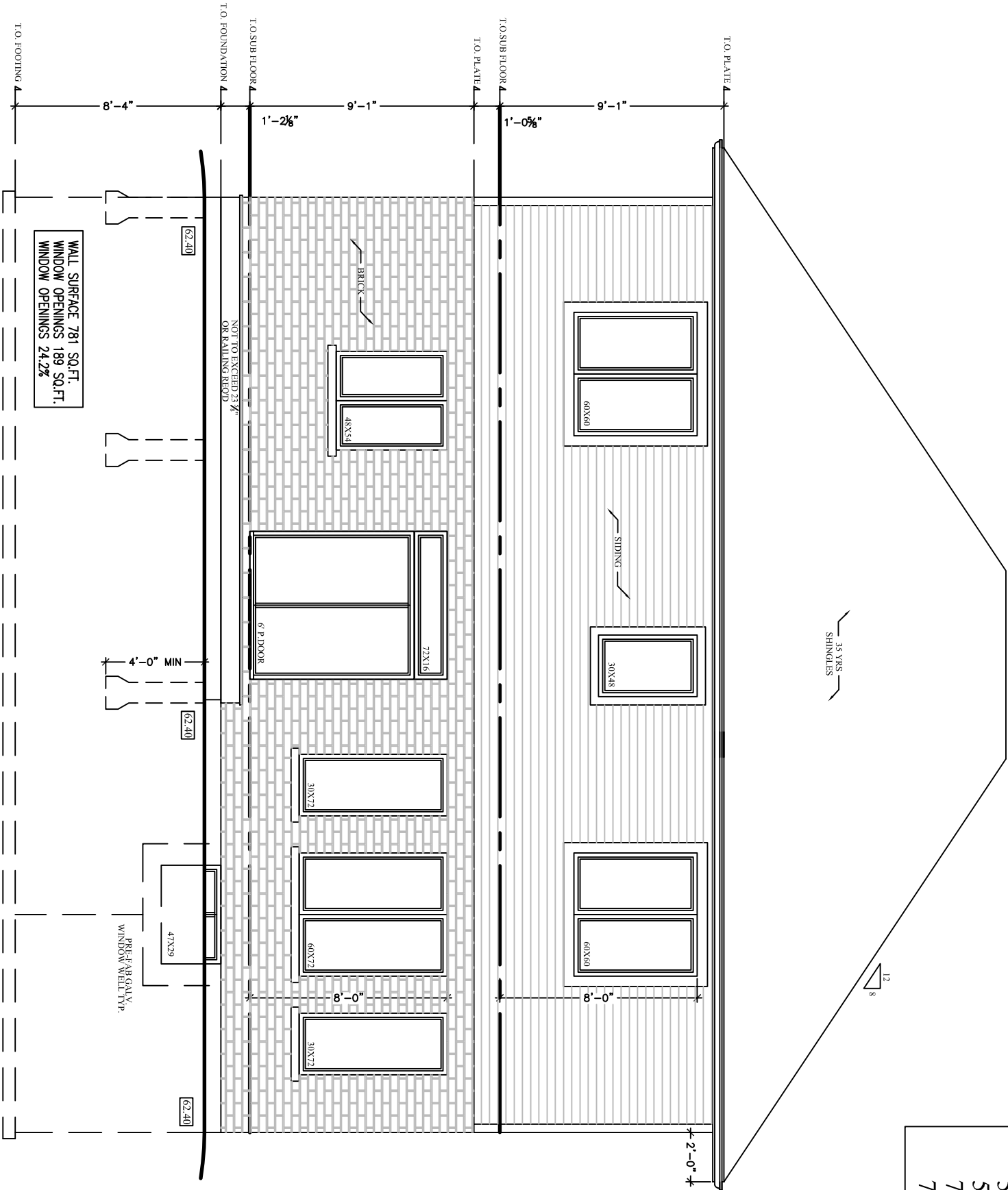
GENERAL NOTES:

- FOUNDATION PLAN NOTES:
- ALL DIMENSIONS TO EXTERIOR FOUNDATION WALLS
- ALL FOOTINGS SHALL BEAR DIRECTLY ON CAPACITY 3000 P.S.F. (ASSUMED SOIL BEARING CAPACITY)
- APPROVED GRANULAR FILL SHALL BE PROCTOR MAXIMUM DRY DENSITY.
- ALL EXTERIOR FOOTINGS SHALL BE A MINIMUM 4'-0" BELOW FINISHED GRADE TO PROTECT FROM FROST ACTION.
- CONCRETE FOR FLOOR SLABS SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 25 MPa. ALL OTHER CONCRETE SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 16% AIR / 4% SLUMP
- REINFORCING STEEL TO HAVE MINIMUM 1 1/2" COVER, MAXIMUM 2" COVER AT BOTTOM OF SLAB.

LINTEL SCHEDULE FOR MASONRY VENEERS

as per 9.20.5.2B 2016 OBC

	BRICK	STONE
3 1/2"X 3 1/2" X 1/4"	8'-1"	7'-9"
4"X 3 1/2" X 1/4"	8'-9"	8'-2"
4 7/8"X 3 1/2" X 5/16"	10'-10"	10'-1"
4 7/8"X 3 1/2" X 3/8"	11'-5"	10'-8"
4 7/8"X 3 1/2" X 1/2"	11'-9"	10'-11"
5 7/8"X 3 1/2" X 3/8"	12'-7"	11'-8"
5 7/8"X 3 1/2" X 1/2"	13'-5"	12'-5"
5 7/8"X 4" X 1/2"	13'-6"	12'-7"
7 1/8"X 4" X 3/8"	14'-1"	13'-1"
7 1/8"X 4" X 1/2"	15'-1"	14'-0"



I review and take responsibility for the design work on behalf of a firm registered under subsection 2.17.4. of the O.B.C. I am qualified, and the firm is registered, in the appropriate class/categories

Tony Wall
BCIN : 22052

	SQUARE FOOTAGE
MAIN FLOOR	1141 SQ.FT.
UPPER FLOOR	1413 SQ.FT.
GARAGE	423 SQ.FT.

REV #	DATE	DESCRIPTION
4		
3		
2		
1	03/04	PERMIT ISSUE



PROPERTY OF VIEW-IT DESIGN

VIEW-IT DESIGN
RR# 1 PORT BURWELL
OFFICE: 504-851-1173
FAX: 504-851-4805

EAGLEWING HOMES INC.
LOT 20 SUNVIEW DRIVE
NORWICH, ONT

PROPOSED HOUSE PLANS
ELEVATIONS

DRAWN BY: TONY WALL
BCIN: 20630
PO# 2146

SCALE: SEE DWG

DATE: MARCH 2021

SHEET NO. 5 OF 11

A5

GENERAL NOTES:

- FOUNDATION PLAN NOTES:
- ALL DIMENSIONS TO EXTERIOR FOUNDATION WALLS
- ALL FOOTINGS SHALL BEAR DIRECTLY ON CAPACITY 3000 P.S.F. (ASSUMED SOIL BEARING CAPACITY)
- APPROVED GRANULAR FILL SHALL BE PROCTOR MAXIMUM DRY DENSITY.
- ALL EXTERIOR FOOTINGS SHALL BE A MINIMUM 4'-0" BELOW FINISHED GRADE TO PROTECT FROM FROST ACTION.
- CONCRETE FOR FLOOR SLABS SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 25 MPa. ALL OTHER CONCRETE SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 20 MPa. (SEE SPECIFICATIONS FOR FURTHER DETAILS)
- REINFORCING STEEL TO HAVE MINIMUM 1 1/2" COVER, MAXIMUM 2" COVER AT BOTTOM OF SLAB.

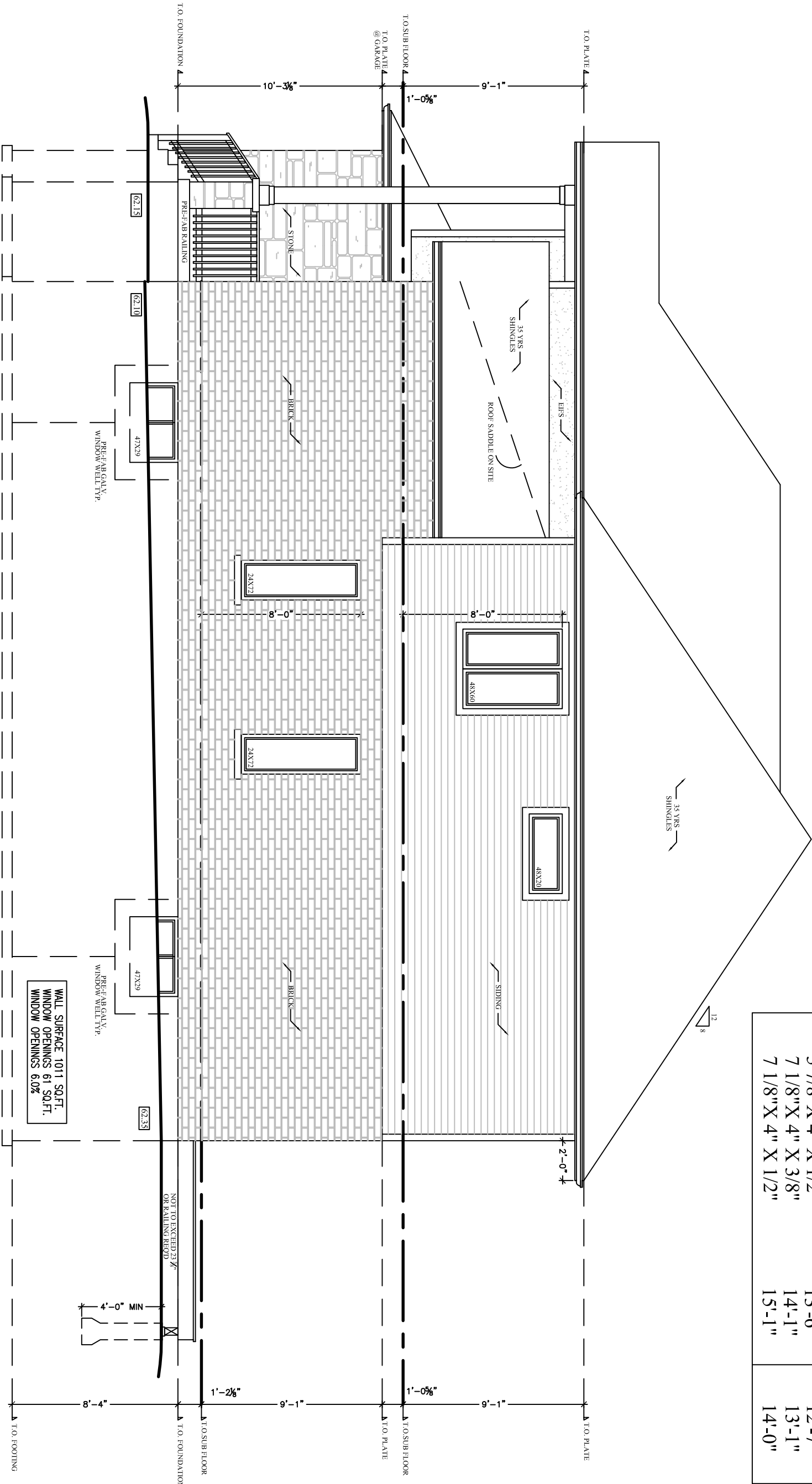
LINTEL SCHEDULE FOR MASONARY VENEERS

as per 9.20.5.2B 2016 OBC

	BRICK	STONE
3 1/2"X 3 1/2" X 1/4"	8'-1"	7'-9"
4"X 3 1/2" X 1/4"	8'-9"	8'-2"
4 7/8"X 3 1/2" X 5/16"	10'-10"	10'-1"
4 7/8"X 3 1/2" X 3/8"	11'-5"	10'-8"
4 7/8"X 3 1/2" X 1/2"	11'-9"	10'-11"
5 7/8"X 3 1/2" X 3/8"	12'-7"	11'-8"
5 7/8"X 3 1/2" X 1/2"	13'-5"	12'-5"
5 7/8"X 4" X 1/2"	13'-6"	12'-7"
7 1/8"X 4" X 3/8"	14'-1"	13'-1"
7 1/8"X 4" X 1/2"	15'-1"	14'-0"

EAST ELEVATION

Scale 3/16"=1'-0"



I review and take responsibility for the design work on behalf of a firm registered under subsection 2.17.4. of the O.B.C. I am qualified, and the firm is registered, in the appropriate classes/categories

Tony Wall
BCIN : 22052

	SQUARE FOOTAGE
MAIN FLOOR	1141 SQ. FT.
UPPER FLOOR	1413 SQ. FT.
GARAGE	423 SQ. FT.

REV. #	DATE	DESCRIPTION
4		
3		
2		
1	03/04	PERMIT ISSUE



PROPERTY OF VIEW-IT DESIGN

VIEW-IT DESIGN
RR# 1 PORT BURWELL
OFFICE: 594-5117
FAX: 594-4400

EAGLEWING HOMES INC.
LOT 20 SUNVIEW DRIVE
NORWICH, ONT

PROPOSED HOUSE PLANS
ELEVATIONS

DRAWN BY: TONY WALL
BCIN: 20630 PO# 2146
SCALE: SEE DWG

DATE: MARCH 2021

SHEET NO. 6 OF 11

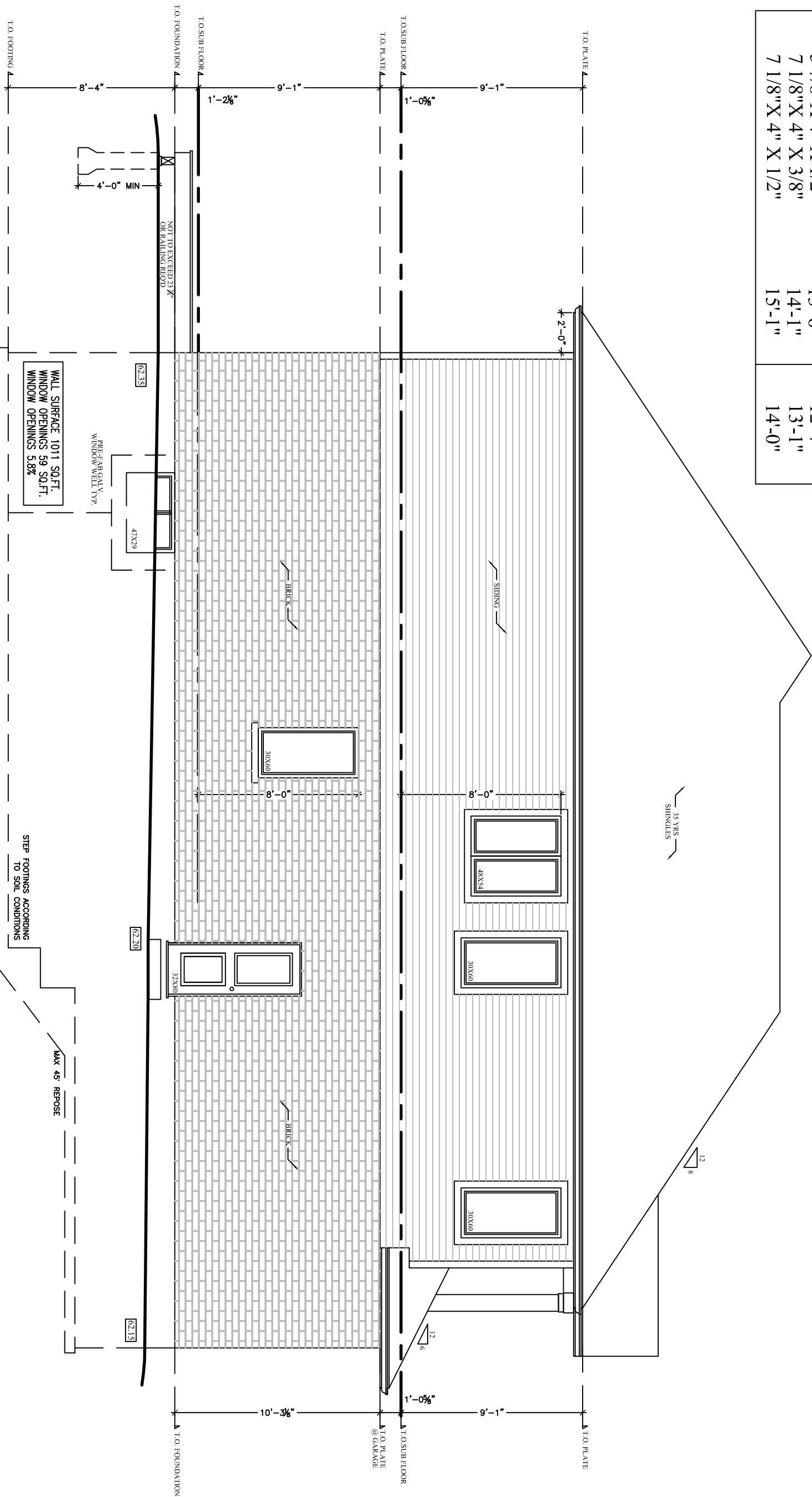
A6

LINTEL SCHEDULE FOR MASONRY VENEERS
as per 9.20.5.2B 2016 OBC

BRICK	STONE
3 1/2"X 3 1/2" X 1/4"	7'-9"
4"X 3 1/2" X 1/4"	8'-2"
4 7/8"X 3 1/2" X 5/16"	10'-10"
4 7/8"X 3 1/2" X 3/8"	10'-8"
4 7/8"X 3 1/2" X 1/2"	10'-11"
5 7/8"X 3 1/2" X 3/8"	11'-8"
5 7/8"X 3 1/2" X 1/2"	12'-5"
5 7/8"X 4" X 1/2"	12'-7"
7 1/8"X 4" X 3/8"	13'-1"
7 1/8"X 4" X 1/2"	14'-0"

WEST ELEVATION

Scale 3/16"-1'-0"



GENERAL NOTES:

1. ALL DIMENSIONS TO EXTERIOR FOUNDATION WALLS
2. ALL FOOTINGS SHALL BEAR DIRECTLY ON CAPACITY 3000 P.S.I. ASSUMED SOIL BEARING
3. APPROVED GRANULAR FILL SHALL BE COMPACTED IN 6" LAYERS TO 95% STANDARD PROCTOR MAXIMUM DRY DENSITY.
4. ALL EXTERIOR FOOTINGS SHALL BE A MINIMUM 4'-0" BELOW FINISHED GRADE TO PROTECT FROM FROST ACTION.
5. CONCRETE FOR FLOOR SLABS SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 25 MPa. ALL OTHER CONCRETE SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 20 MPa. ALL STEEL SHALL BE OTHERWISE SPECIFIED.
6. REINFORCING STEEL TO HAVE MINIMUM 1 1/2" COVER, MAXIMUM 2" COVER AT BOTTOM OF SLAB.

I review and take responsibility for the design work on behalf of a firm registered under subsection 2.17.4. of the O.B.C. I am qualified, and the firm is registered, in the appropriate classes/categories

Tony Wall
BCIN : 22052

SQUARE FOOTAGE
MAIN FLOOR 1141 SQ.FT.
UPPER FLOOR 1413 SQ.FT.
GARAGE 423 SQ.FT.

REV #	DATE	DESCRIPTION
1	03/04	PERMIT ISSUE
2		
3		
4		



PROPERTY OF VIEW-IT DESIGN

VIEW-IT DESIGN
RR# 1 PORT BURWELL
OFFICE: 504-851-1173
FAX: 504-851-4005

EAGLEWING HOMES INC.
LOT 20 SUNVIEW DRIVE
NORWICH, ONT

PROPOSED HOUSE PLANS

ELEVATIONS

DRAWN BY: TONY WALL
BCIN: 20630 PO# 2146
SCALE: SEE DWG

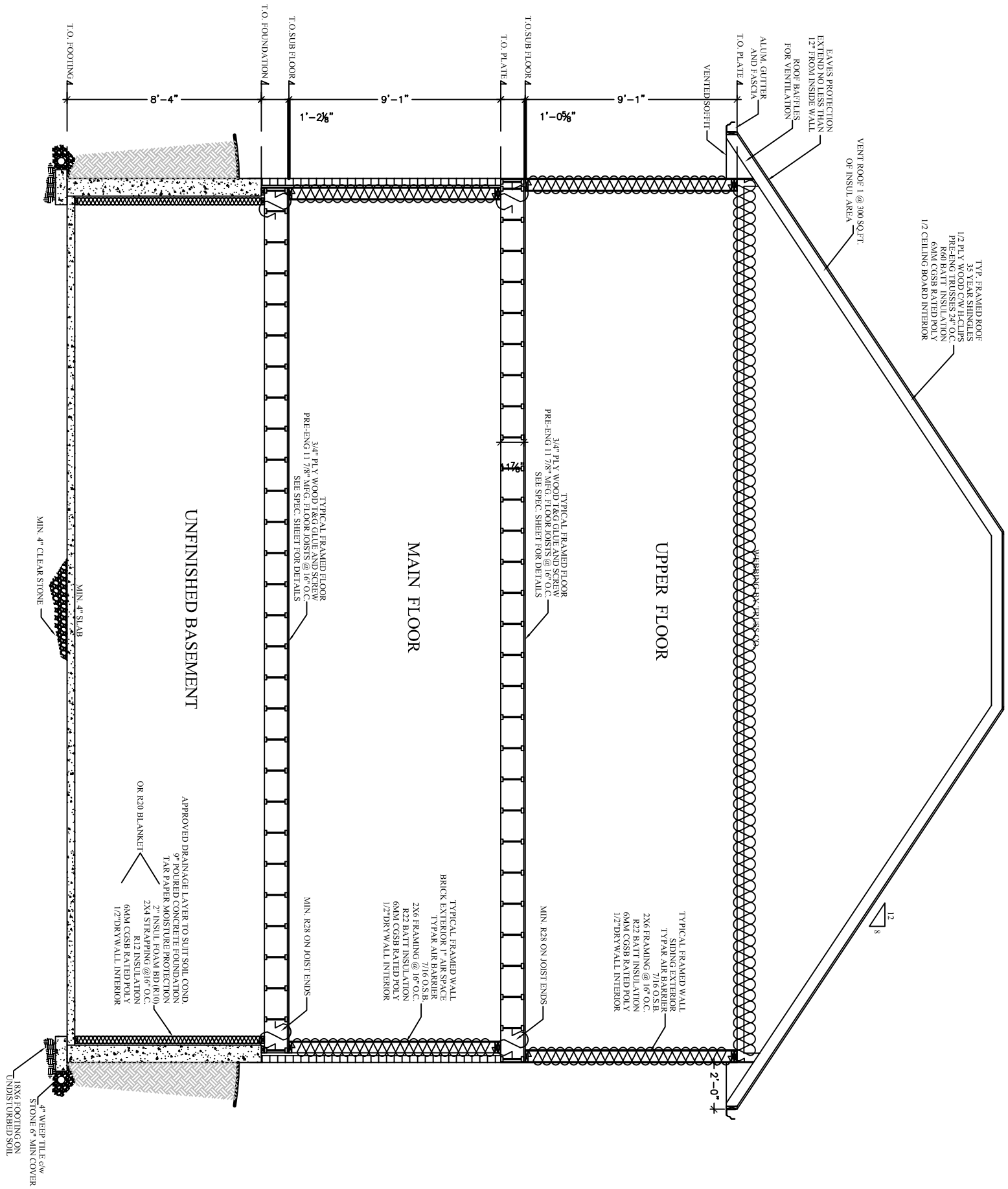
DATE: MARCH 2021

SHEET NO. 7 OF 11

A7

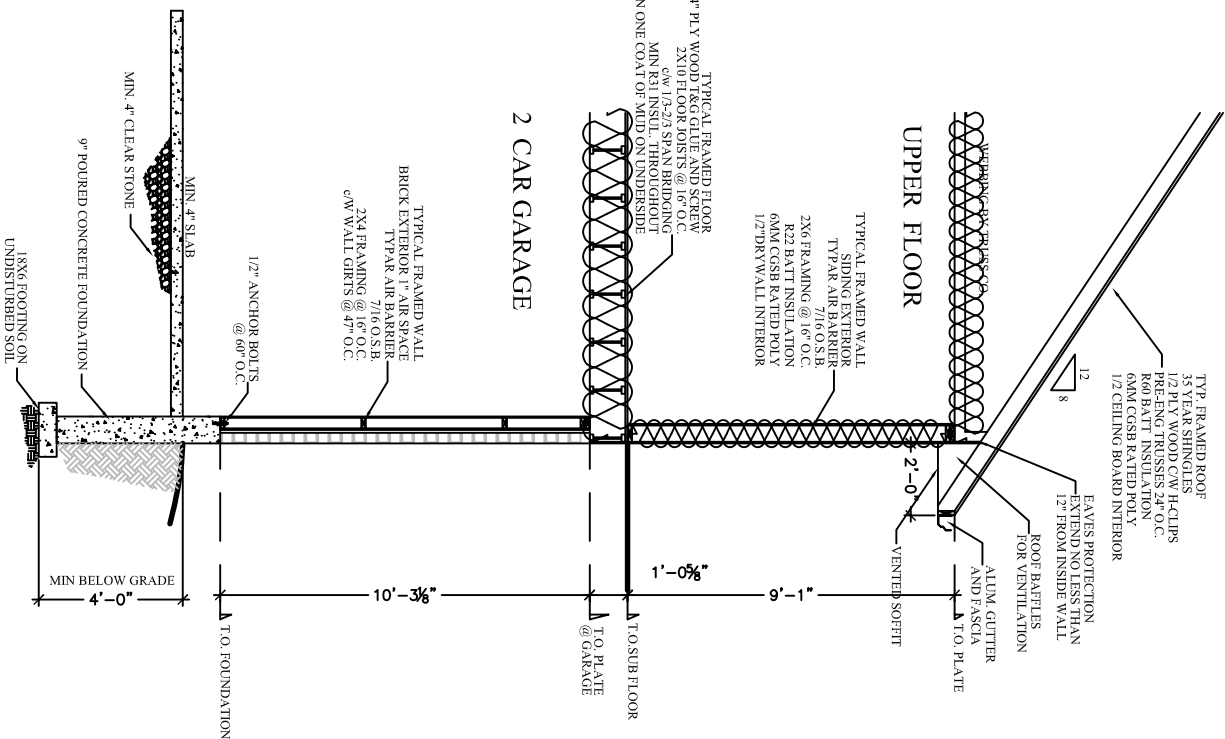
SECTION 01:01

Scale 3/16"-1'-0"



SECTION 02

Scale 3/16"-1'-0"



GIRDER POST SUPPORTS					
BUILT-UP COLUMN SELECTION TABLE					
NAILED BUILT-UP					
2 x 4					
WALL HT.	2 PLY	3 PLY	4 PLY	5 PLY	
8'	3,442 lbf	9,652 lbf	15,342 lbf	19,177 lbf	
9'	2,645 lbf	8,390 lbf	12,291 lbf	15,363 lbf	
10'	2,063 lbf	6,996 lbf	9,860 lbf	12,325 lbf	
11'	1,628 lbf	5,911 lbf	7,946 lbf	9,939 lbf	
12'	1,299 lbf	4,810 lbf	6,366 lbf	7,911 lbf	
BUILT-UP COLUMN SELECTION TABLE					
NAILED BUILT-UP					
2 x 6					
WALL HT.	2 PLY	3 PLY	4 PLY	5 PLY	
8'	5,279 lbf	14,932 lbf	25,382 lbf	33,951 lbf	
9'	4,098 lbf	12,973 lbf	22,947 lbf	32,030 lbf	
10'	3,207 lbf	10,868 lbf	20,895 lbf	30,000 lbf	
17'	N/A	3,215 lbf	9,014 lbf	18,808 lbf	
18'	N/A	3,013 lbf	7,957 lbf	13,870 lbf	

NOTES

- * PROVIDE SOLID BEARING BELOW ALL BEAMS AND GIRDER TRUSSES (i.e., 2 PLY TRUSS REQUIRES MINIMUM 2 STUDS FOR BEARING).
- * ALL LUMBER IN THE DESIGNS ABOVE ARE SPF #2 OR BETTER
- * BUILT-UP COLUMNS ARE TO BE NAILED OR BOLTED AS PER ONTARIO BUILDING CODE AND CSA-086.1-94 REQUIREMENTS.
- * THESE CHARTS ARE MEANT TO BE USED AS A DESIGN GUIDELINE ONLY. ALL ITEMS NOT CONFORMING TO THE ONTARIO BUILDING CODE PART 9 ARE TO BE REVIEWED AND CERTIFIED BY A STRUCTURAL ENGINEER.

GENERAL NOTES:

1. ALL DIMENSIONS TO EXTERIOR FOUNDATION WALLS
2. ALL FOOTINGS SHALL BEAR DIRECTLY ON COMPACTED GRANULAR FILL SHALL BE CAPED WITH 500PSI, 6" ASSUMED SOIL BEARING
3. APPROVED GRANULAR FILL SHALL BE PROCTOR MAXIMUM DRY DENSITY.
4. ALL EXTERIOR FOOTINGS SHALL BE A MINIMUM 4" BELOW FINISHED GRADE TO PROTECT FROM FROST ACTION.
5. CONCRETE FOR FLOOR SLABS SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 25 MPa. ALL OTHER CONCRETE SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 20 MPa (6% AIR, 75% SLUMP)
6. REINFORCING STEEL TO HAVE MINIMUM 1/2" COVER, MAXIMUM 2" COVER AT BOTTOM OF SLAB.

I review and take responsibility for the design work on behalf of a firm registered under subsection 2.17.4. of the O.B.C. I am qualified, and the firm is registered, in the appropriate classes/categories

Tony Wall
BCIN: 22052

		SQUARE FOOTAGE
MAIN FLOOR		1341 SQ.FT.
UPPER FLOOR		1413 SQ.FT.
GARAGE		423 SQ.FT.
REV.#	DATE	DESCRIPTION
4		
3		
2		
1	03/04	PERMIT ISSUE



PROPERTY OF VIEW-IT DESIGN

VIEW-IT DESIGN
RR# 1 PORT BURWELL
OFFICE: 596-5113
FAX: 596-9400

EAGLEWING HOMES INC.
LOT 20 SUNVIEW DRIVE
NORWICH, ONT

SECTIONS	
DRAWN BY: TONY WALL	SCALE: SEE DWG
BCIN: 29630	PO#: 2146
DATE: MARCH 2021	
SHEET NO. 8 OF 11	A8

GENERAL NOTES:

CONTRACTOR SHALL REVIEW THE DESIGN DRAWINGS AND REPORT ANY ERRORS OR OMISSIONS TO THE DESIGNER PRIOR TO PROCEEDING WITH THE WORK OF THE CONTRACT. PROCEEDING WITHOUT NOTIFICATION, OR IF CHANGES ARE MADE WITHOUT THE APPROVAL OF THE DESIGNER, WILL VOID ALL RESPONSIBILITY AND LIABILITY OF THE DESIGNER

THE GENERAL CONTRACTOR SHALL PROVIDE MECHANICAL DRAWINGS FOR HEATING & AIR CONDITIONING SYSTEM AND HEAT LOSS & GAIN CALCULATIONS AND BALANCING REPORTS AS MAY BE REQUIRED BY AUTHORITIES HAVING JURISDICTION.

ALL CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS OF THE ONTARIO BUILDING CODE, ONTARIO REG. 403/97 AND ALL OTHER APPLICABLE CODES AND REQUIREMENTS OF THE MUNICIPALITY HAVING JURISDICTION.

IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CONFORM WITH THESE SECTIONS OF THE CODE WHERE APPLICABLE AND BE FAMILIAR WITH PART 9 OF THE CODE.

STAIR DIMENSIONS (UNLESS OTHERWISE SHOWN ON DRAWINGS)

INTERIOR:	MAX RISE 200mm (7 7/8") MIN. RUN 210mm (8 1/4") MIN. TREAD 235mm (9 1/4") NOSING 25mm (1")	EXTERIOR	MAX RISE 200mm (7 7/8") MIN. RUN 210mm (8 1/4") MIN. TREAD 235mm (9 1/4") NOSING 25mm (1")
UNIFORM RISE & RUN ON ANY FLIGHT OF STAIRS	MINIMUM HEADROOM 1950mm (6' 5")	GUARD HEIGHT - 2' 0" ABOVE GRADE = 902mm (3'5 12")	
GUARD HEIGHT AT LANDING 902mm (3'5 1/2")	CONCRETE STAIRS OVER 2 RISERS ARE REQUIRED TO BE SUPPORTED ON FOUNDATION		
AT STAIRS BETWEEN 902mm (3'5 1/2")	HANDRAIL REQ'D ON STAIRS OVER 3 RISERS INSTALLED BETWEEN 864mm (3'4") & 965mm (3'8")		
GUARD SPACING 100mm (4") NON CLIMBABLE			
HANDRAILS INSTALLED BETWEEN 920mm (36")			

CONCRETE

AS PER OBC SECTION 9.15 & 9.16

ALL CONCRETE FOOTINGS SHALL BEAR ON UNDISTURBED SOIL WITH A MIN SOIL BEARING PRESSURE OF 2000 PSF

CONCRETE FOR FOOTINGS & FOUNDATIONS TO HAVE MIN. COMPRESSIVE STRENGTH OF 20 MPa (2900 PSI) AT 28 DAYS

STEP FOOTINGS:

MAX RISE 600mm (24") FOR FIRM SOIL

MAX RISE 400mm (16" FOR SAND OR GRAVEL

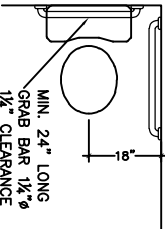
MIN RUN BETWEEN RISERS 600mm (24")

ANGLE OF REPOSE IS 45°

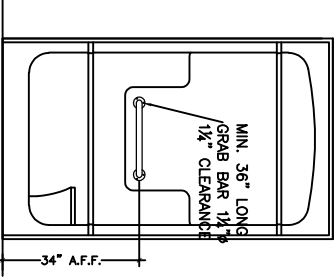
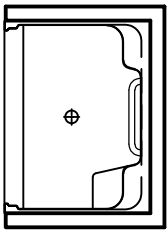
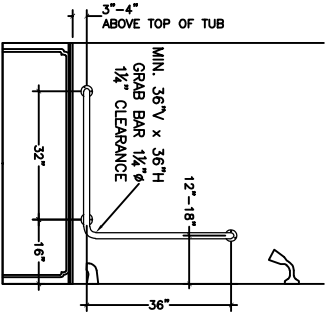
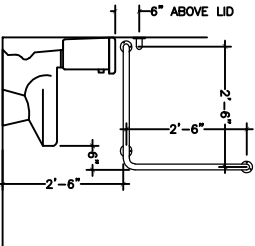
CONCRETE FOUNDATION WALLS SHALL EXTEND TO 6" MIN. ABOVE FINISHED GRADE

FOOTING DESIGN MIN. 6" DEEP X 4" MIN. PROJECTION BEYOND FOUNDATION WALL AND MIN. OF 16" WIDE

CONCRETE FOUNDATIONS SHALL BE CONSTRUCTED TO SUFFICIENT DEPTH TO PROVIDE ADEQUATE FROST PROTECTION



SUGGESTED GRAB BAR
BLOCKING LOCATIONS
(CONDITIONS MAY VARY WITH LAYOUT)



TOILET GRAB BAR BLOCKING LOCATIONS (BARS NOT INCLUDED UNLESS SPECIFIED)

TUB GRAB BAR BLOCKING LOCATIONS (BARS NOT INCLUDED UNLESS SPECIFIED)

GRAB BAR BLOCKING LOCATIONS (BARS NOT INCLUDED UNLESS SPECIFIED)

WOOD FRAME CONSTRUCTION

AS PER OBC SECTION 9.23

ALL STRUCTURAL LUMBER TO BE SP#2 CONSTRUCTION OR BETTER UNLESS NOTED OTHERWISE. LUMBER SIZES TO BE AS DETERMINED FROM SPAN TABLES OF THE BUILDING CODE.

SILL PLATES SHALL BE ANCHORED TO THE FOUNDATION WITH 1/2" ANCHOR BOLTS 7'-10" MAX ON SPACING WITH 4" MIN. EMBEDMENT INTO THE CONCRETE

JOIST END BEARING TO BE 1 1/2 MIN.

BEAMS & GIRDERS SHALL HAVE 3 1/2" MIN END BEARING

BEAMS & POINT LOADS SHALL BE SUPPORTED FULL WIDTH TO FOUNDATION

ALL NON LOAD BEARING PARTITIONS SHALL BE SUPPORTED BY DOUBLE FLOOR JOIST OR SOLID BLOCKING AT 3'11" O.C.

ALL WOOD IN CONTACT WITH CONCRETE SHALL BE PROTECTED FROM MOISTURE.

HEAT TRANSFER, AIR LEAKAGE & CONDENSATION CONTROL

AS PER OBC SECTION 9.25

PROVIDE AN AIR BARRIER IN STRICT ACCORDANCE WITH OBC SECTION 9.23.3

INSULATION REQUIREMENTS:

MIN. R22 INSUL IN ALL EXTERIOR WALLS

MIN. R60 IN EXPOSED CEILINGS WITH ATTIC SPACE

MIN. R20 CI IN FOUNDATION WALLS ENCLOSING HEATED SPACE

VAPOUR BARRIERS SHALL BE INSTALLED TO PROTECT THE ENTIRE SURFACE OF ANY THERMALLY INSULATED WALL, CEILING & FLOOR ASSEMBLIES AND TO BE INSTALLED ON THE WARM SIDE OF THE INSULATION. ALL PENETRATION OF THE VAPOUR BARRIER TO BE SEALED TO MAINTAIN THE INTEGRITY OF THE BARRIER SYSTEM.

EXTERIOR DOORS & WINDOWS

AS PER OBC SECTION 9.7

DOORS TO DWELLING SHALL BE OPERABLE FROM THE INSIDE WITHOUT THE USE OF KEYS

ALL EXTERIOR DOORS IF WOOD SHALL CONFORM TO CAN/CSA-0132.2-M, STEEL INSULATED CONFORM TO CAN/CGSB-82.5M

WINDOW GLASS SIZE TO COMPLY WITH CURRENT OBC REQUIREMENTS

ALL DOORS & WINDOWS SHALL COMPLY WITH OBC SECTION 9.7.6- RESISTANCE TO FORCED ENTRY

EVERY FLOOR LEVEL CONTAINING A BEDROOM SHALL HAVE AT LEAST 1 OUTSIDE WINDOW THAT CAN BE OPENED FROM THE INSIDE WITHOUT THE USE OF TOOLS. THESE WINDOWS MUST HAVE AN UNOBSTRUCTED OPEN AREA OF 3.8 SQ.FT. WITH NO DIMENSION LESS THAN 15"

VENTILATION

AS PER OBC SECTION 9.32.3.4

PROVIDE VENTILATION FOR ROOF SPACES AT A RATIO OF 1 SQ.FT. MIN OF UNOBSTRUCTED VENTILATION FOR EACH 300 SQ.FT. OF INSULATED CEILING AREA WITH NOT MORE THAN HALF THE REQUIRED VENTILATION LOCATED AT THE EAVES.

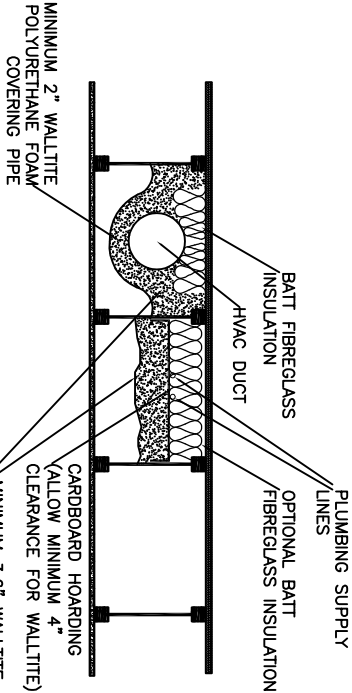
PROVIDE BAFFLES AT THE EAVES TO PERMIT FREE UNOBSTRUCTED AIR FLOW

PROVIDE MECHANICAL VENTILATION SYSTEM TO THE REQUIREMENTS OF OBC 9.32.2 WITH CLEARLY LABELED PRINCIPAL EXHAUST FAN MANUAL SWITCH.

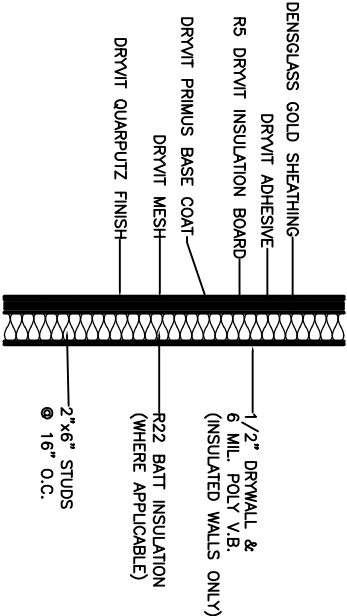
ELECTRICAL

ALL LIGHTING AND ELECTRICAL TO COMPLY WITH OBC 9.34

ALL FLOOR LEVELS SHALL BE EQUIPPED WITH INTERCONNECTED SMOKE DETECTORS (TYPICAL ALL UNITS)



GARAGE CEILING / BONUS ROOM
INSULATION DETAIL



Exterior Insulated Finishing
System (EIFS)
APPLICATION DETAIL

GENERAL NOTES:

1. ALL DIMENSIONS TO EXTERIOR FOUNDATION WALLS
2. ALL FOOTINGS SHALL BEAR DIRECTLY ON CAPACITY 3500 PSI
3. APPROVED GRANULAR FILL SHALL BE PROCTOR MAXIMUM DRY DENSITY
4. ALL EXTERIOR FOOTINGS SHALL BE A MINIMUM 4" BELOW FINISHED GRADE TO PROTECT FROM FROST ACTION
5. CONCRETE FOR FLOOR SLABS SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 25 MPa. ALL OTHER CONCRETE SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 16 MPa (7.5% STAND)
6. REINFORCING STEEL TO HAVE MINIMUM 1/2" COVER, MAXIMUM 2" COVER AT BOTTOM OF SLAB.

I review and take responsibility for the design work on behalf of a firm registered under subsection 2.17.4. of the O.B.C.

1 am qualified, and the firm is registered, in the appropriate classes/categories

Tony Wall
BCIN : 22052

	SQUARE FOOTAGE
MAIN FLOOR	1341 SQ.FT.
UPPER FLOOR	1413 SQ.FT.
GARAGE	423 SQ.FT.

REV.#	DATE	DESCRIPTION
4		
3		
2		
1	03/04	PERMIT ISSUE



PROPERTY OF VIEW-IT DESIGN

VIEW-IT DESIGN
RR#1 PORT BURWELL
OFFICE: 519-894-4805
FAX: 519-894-4805

EAGLEWING HOMES INC.
LOT 20 SUNVIEW DRIVE
NORWICH, ONT

PROPOSED HOUSE PLANS

NOTES

DRAWN BY: TONY WALL
BCIN: 29630
PO# 2146

SCALE: SEE DWG

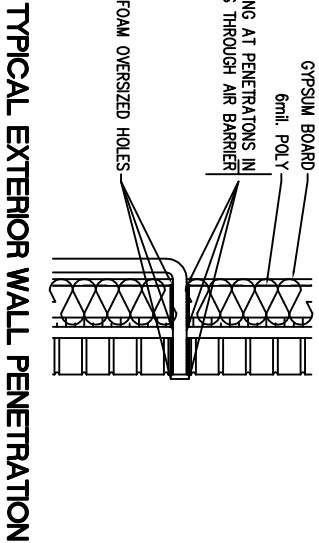
DATE: MARCH 2021

SHEET NO. 9 OF 11

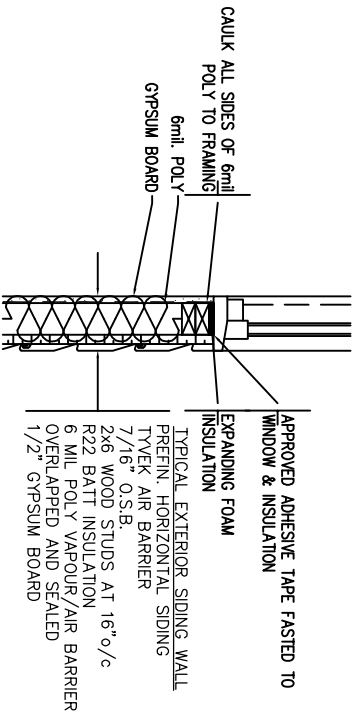
A9

GENERAL NOTES:

- FOUNDATION PLAN NOTES:
1. ALL DIMENSIONS TO EXTERIOR FOUNDATION WALLS
 2. ALL FOOTINGS SHALL BEAR DIRECTLY ON CAPACITY 2500 P.S.F. (ASSUMED SOIL BEARING CAPACITY)
 3. APPROVED GRANULAR FILL SHALL BE COMPACTED IN 6" LAYERS TO 95% STANDARD PROCTOR MAXIMUM DRY DENSITY.
 4. ALL EXTERIOR FOOTINGS SHALL BE A MINIMUM 4" BELOW FINISHED GRADE TO PROTECT FROM FROST ACTION.
 5. CONCRETE FOR FLOOR SLABS SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 25 MPa. ALL OTHER CONCRETE SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 20 MPa. ALL CONCRETE SHALL BE REINFORCED WITH STEEL UNLESS OTHERWISE SPECIFIED.
 6. REINFORCING STEEL TO HAVE MINIMUM 1 1/2" COVER, MAXIMUM 2" COVER AT BOTTOM OF SLAB.

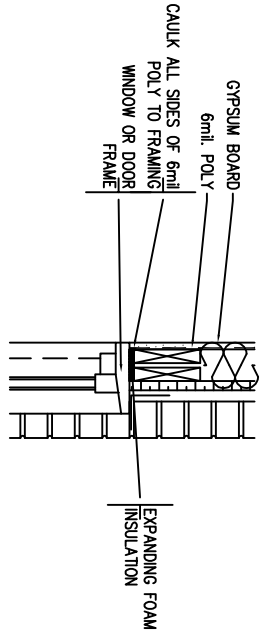
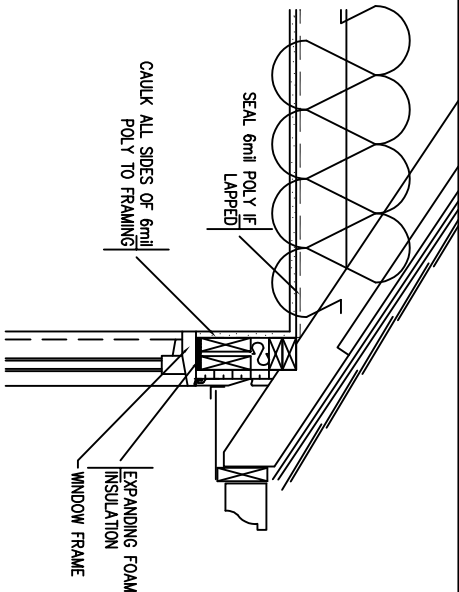


TYPICAL EXTERIOR WALL PENETRATION

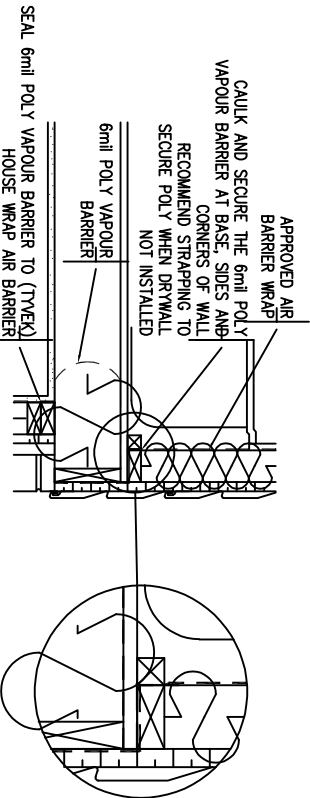


TYPICAL SECOND STOREY WINDOW SILL

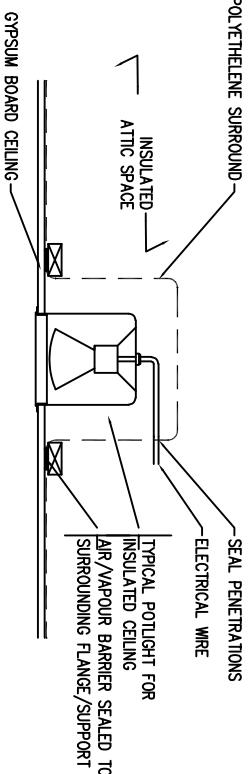
TYPICAL SECOND STOREY WINDOW HEADER



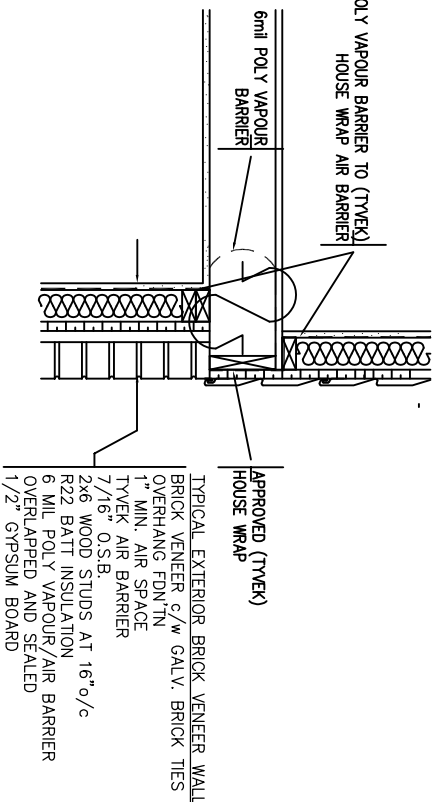
TYPICAL WINDOW OR DOOR FRAME



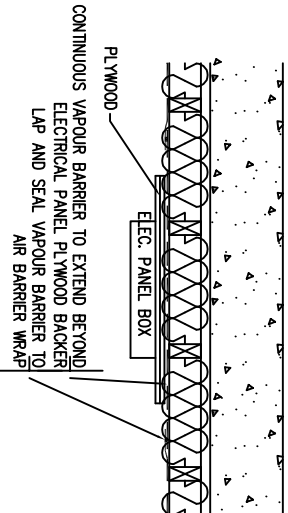
SEAL AIR BARRIER MATERIALS AT BOTTOM PLATE BEHIND TUB/SHOWER



TYPICAL CEILING LIGHT PENETRATION



TYPICAL FLOOR TRANSITION BELT



ELECTRICAL PANELS

EAGLEWING HOMES INC. LOT 20 SUNVIEW DRIVE NORWICH, ONT	
PROPOSED HOUSE PLANS	
AIR BARRIER	
DRAWN BY: TONY WALL BCIN: 29630 DATE: MARCH 2021	SCALE: SEE DWG PO#: 2146
SHEET NO. 10 OF 11	
A10	

VIEW-IT DESIGN RR# 1 PORT BURWELL OFFICE: 594-5113 FAX: 594-4400
PROPERTY OF VIEW-IT DESIGN

VIEW-IT Design	
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MAIN FLOOR 1141 SQ. FT.
UPPER FLOOR 1413 SQ. FT.
GARAGE 423 SQ. FT.

REV.#	DATE	DESCRIPTION
4		
3		
2		
1	03/04	PERMIT ISSUE

I review and take responsibility for the design work on behalf of a firm registered under subsection 2.17.4. of the O.B.C. I am qualified, and the firm is registered, in the appropriate classes/categories	
Tony Wall BCIN : 22052	

SQUARE FOOTAGE	
MAIN FLOOR 1141 SQ. FT.	
UPPER FLOOR 1413 SQ. FT.	
GARAGE 423 SQ. FT.	

GENERAL NOTES:

- FOUNDATION PLAN NOTES:
1. ALL DIMENSIONS TO EXTERIOR FOUNDATION WALLS
 2. ALL FOOTINGS SHALL BEAR DIRECTLY ON COMPACTED GRAVEL (ASSUMED SOIL BEARING CAPACITY 2500 P.S.F.)
 3. APPROVED GRANULAR FILL SHALL BE PROCTOR MAXIMUM DRY DENSITY.
 4. ALL EXTERIOR FOOTINGS SHALL BE A MINIMUM 4" BELOW FINISHED GRADE TO PROTECT FROM FROST ACTION.
 5. CONCRETE FOR FLOOR SLABS SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 25 MPa. ALL OTHER CONCRETE SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 16 MPa (7.5% AIR) UNLESS OTHERWISE SPECIFIED.
 6. REINFORCING STEEL TO HAVE MINIMUM 1/2" COVER, MAXIMUM 2" COVER AT BOTTOM OF SLAB.

I review and take responsibility for the design work on behalf of a firm registered under subsection 2.17.4. of the O.B.C. I am qualified, and the firm is registered, in the appropriate class(es)/category

Tony Wall
BCIN : 22052

SQUARE FOOTAGE	
MAIN FLOOR	1341 SQ.FT.
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GARAGE	423 SQ.FT.

REV.#	DATE	DESCRIPTION
4		
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PROPERTY OF VIEW-IT DESIGN

VIEW-IT DESIGN
RR# 1 PORT BURWELL
OFFICE: 594-5113
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EAGLEWING HOMES INC.
LOT 20 SUNVIEW DRIVE
NORWICH, ONT

PROPOSED HOUSE PLANS

AIR BARRIER

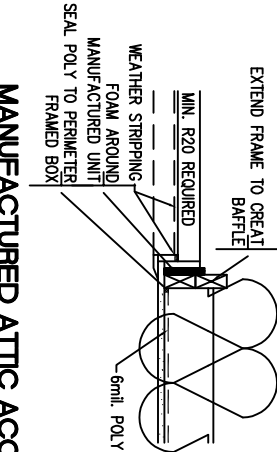
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BCIN: 29630 PO#: 2146

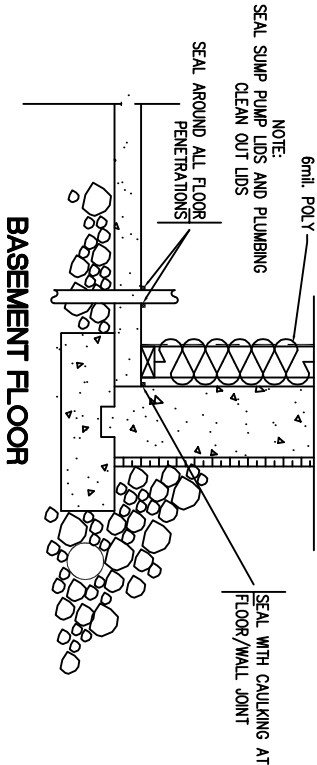
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SHEET NO. 11 OF 11

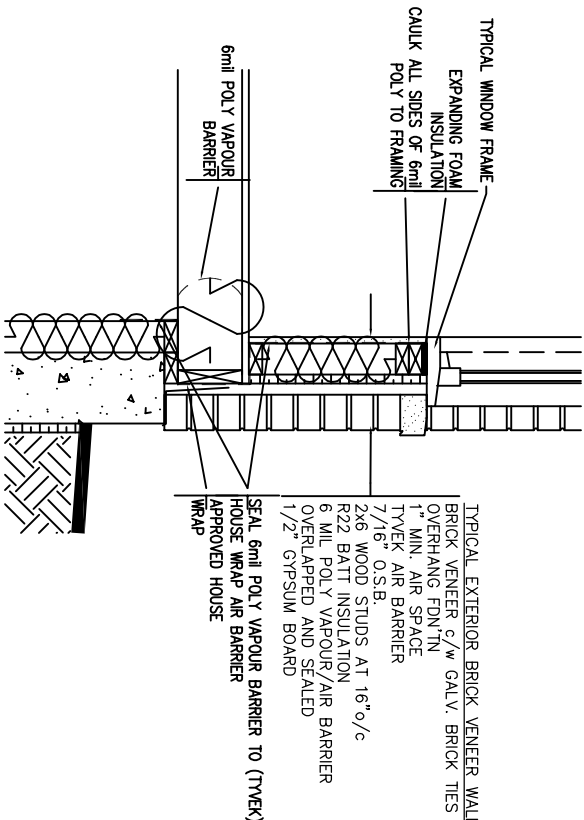
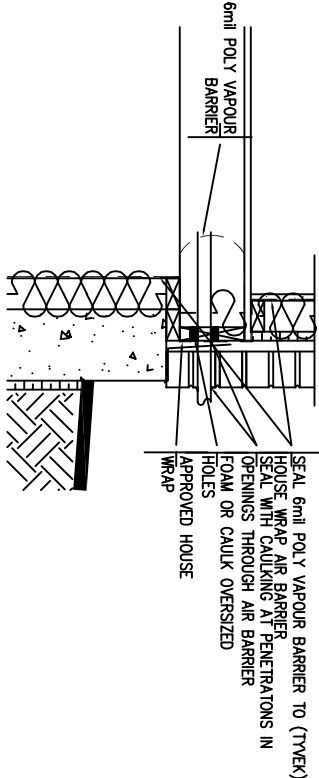
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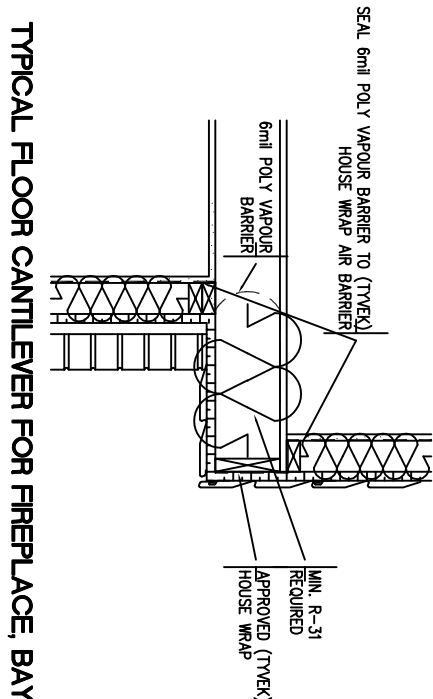
MANUFACTURED ATTIC ACCESS LID



BELT WALL PENETRATIONS



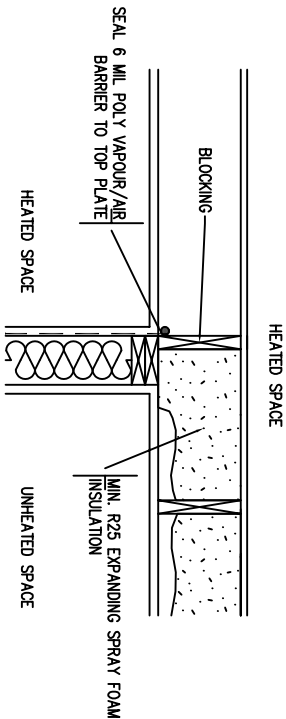
TYPICAL EXTERIOR WALL TO FOUNDATION



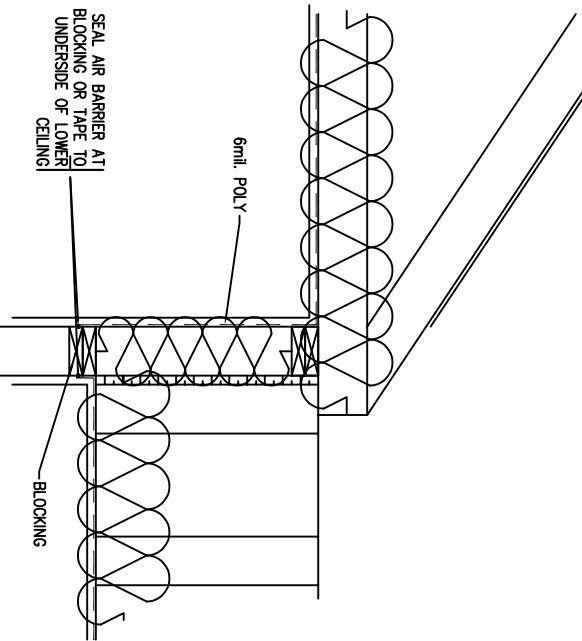
TYPICAL FLOOR CANTILEVER FOR FIREPLACE, BAY ETC.

SUPPLEMENTARY AIR BARRIER DETAILS

1. DOOR AND WINDOW FRAMES ARE TO BE FOAMED AND SEALED TO THE INTERIOR OR EXTERIOR AIR BARRIER. (DIV. B-PT. 9, 9.25.3.3.(10), (11) & (12)
2. IF THE AIR BARRIER IS LOCATED ON EXTERIOR, SEAL GAPS BETWEEN RIGID INSULATION AND DOOR OR WINDOW FRAMES. RIGID INSULATION IS TO BE CAULKED TO THE TOP AND BOTTOM PLATES.
NOTE: PETROLEUM BASED TAR PRODUCTS ARE NOT TO COME IN CONTACT WITH RIGID FOAM SEALING.
3. BELTS AT FOUNDATION AND BRICK CANTILEVERS ARE TO BE WRAPPED WITH FLEXIBLE AIR BARRIER MATERIAL AND SEALED TO THE INTERIOR VAPOUR BARRIER, AND FOUNDATION WALL. DIV. B-PT. 9.25.3.3.(6) & (8)
4. WALLS ABUTTING ATTIC SPACE AND AN INTERIOR SPACE ARE TO BE BLOCKED SO THE AIR BARRIER CAN BE SEALED ALONG THE BLOCKING WITH AN APPROVED SEALANT. DIV. B-PT. 9, 9.25.3.3.(9)
5. ALL PENETRATIONS THROUGH THE WALL OR CEILING AIR BARRIER ARE TO BE TAPED OR CAULKED. ALL BUTT JOINTS IN PANEL TYPE AIR BARRIERS ARE TO BE TAPED. DIV. B-PT 9, 9.25.3.3.(9)
6. SEAL AROUND ALL ATTIC HATCHES
7. ALL LAPS IN AIR BARRIER LOCATED BEHIND TUBS, SHOWERS AND FIREPLACES TO BE SEALED AND CLAMPED. DIV. B-PT. 9, 9.25.3.3.(3)
8. ALL PENETRATIONS THROUGH BELTS (PLUMBING, HVAC, ETC.) TO BE SEALED WITH SPRAY FOAM OR CAULKED. DIV. B-PT. 9, 9.25.3.3.(9)
9. ALL SUMP PITS TO HAVE A SEALED COVER. DIV B-PT. 9, 9.25.3.3.(16)
10. CLEANOUT COVERS TO BE SEALED. (WEATHER STRIPPED). DIV. B-PT. 9, 9.25.3.1(2)
11. AIR BARRIER TO BE CONTINUOUS THROUGHOUT ENTIRE BASEMENT. DIV. B-PT. 9, 9.25.3.1(2)
12. CAULKING IS REQUIRED AT PERIMETER OF FOUNDATION WALL/FLOOR JOINT AND ALL PIPE AND POST PENETRATIONS. DIV. B-PT. 9, 9.25.3.3.(15)
13. MAINTAIN AIR BARRIER BETWEEN COLD ROOM AND BASEMENT. DIV. B-PT. 9, 9.25.3.1(1)
14. AIR BARRIER IS A SEPARATE INSPECTION WHICH MUST BE CALLED PRIOR TO ANY EXTERIOR FINISH (BRICK, SIDING) BEING INSTALLED. BUILDER IS RESPONSIBLE TO ENSURE AIR BARRIER DETAILS ARE IN PLACE WHEN INSPECTION CALLED. DIV. C-PT. 1, 1.3.5.1(e1)



TYPICAL INTERIOR GARAGE WALL



TYPICAL OFFSET CEILINGS