

DESIGN CRITERIA

CANADIAN CLIMATIC CRITERIA
INSULATION REQUIREMENTS
CEILING: 150mm R-19
FLOOR: 150mm R-19
WALL: 150mm R-19
ROOF: 150mm R-19

DESIGN LOADS

FLOOR LOADS:
LIVE LOAD MAIN FLOOR: 40 P.S.F.
SECOND FLOOR: 40 P.S.F.
DEAD LOAD: 10 P.S.F.
TOTAL FLOOR LOAD: 50 P.S.F.
ROOF LOADS:
GROUND SNOW LOAD: 17 KPA
RAIN LOAD: 0.4 KPA
TOTAL UNFACTORED ROOF LOAD: 2 KPA
FACTORED ROOF LOAD: 1.33 KPA

SOIL BEARING CAPACITY:
DESIGNED TO SOIL BEARING
CAPACITY OF 15 KPA (36 psf)
LOCATION AND LAYOUT OF FOOTINGS
AND TO BE DETERMINED BY CONTRACTOR
OWNER/BUILDER IS RESPONSIBLE FOR ALL
COSTS RELATED TO DEFICIENCIES IN BEARING
CAPACITY.

REMARKS:
8x10' x 0.44 (8x10' x 0.091 8x10' x 0.098
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ELECTRICAL SYMBOLS

- SWITCH
- 3-WAY SWITCH
- FAN
- INTERCONNECTED SMOKE DETECTOR/
CARBON MONOXIDE DETECTOR
- SPRINT DUPLEX
- OUTLET SOCKET
- 120V V. RECEPTACLE
- 100 AMP SERVICE CENTRE
- WALL MOUNT LIGHT

CLIENT

DOMINION DEVELOPING
CAMPELLEFORD, ONT.

PROJECT & ADDRESS

1632nd SINGLE FAMILY HOME
4/4 4398th GARAGE

DRAWING

FRONT & REAR ELEVATIONS

ISSUE	DESCRIPTION	DATE
2	PERMIT REVIEW	MARCH 2021
1	CLIENT REVIEW	MARCH 2021

NOTES:
THIS DRAWING REMAINS THE PROPERTY OF QUINTEDESIGNS
3188825 CANADA INC. (TO BE KNOWN AS QDI)
ORDER THE BUILDING CODE ACT AND REG. 0.04.4 GRANTS
THE CLIENT LICENSE TO CONSTRUCT ONE (1) HOME AS
DESIGNED. QUINTEDESIGNS CA (QDI) MUST BE NOTIFIED OF ANY
AND ALL CHANGES TO THIS PLAN (DONE ON PAPER OR
IN THE FIELD). CHANGES MUST BE REPERMITS AND
SUBMITTED TO THE BUILDING DEPARTMENT. IF THE HOME
IS TO BE RESULT AS PER PLAN, A MULTI-HOME LICENSE IS
AVAILABLE UPON REQUEST.

QUINTEDESIGNS CA (QDI) DOES NOT ASSUME LIABILITY FOR
ANY ERRORS AND OMISSIONS UNLESS SUBMITTED IN
WRITING PRIOR TO COMMENCEMENT OF CONSTRUCTION
AND CANNOT BE HELD RESPONSIBLE FOR ANY
DEPARTURE FROM THESE DRAWINGS ADVISED BY ANY
BUILDING CONTRACTOR OR PROFESSIONAL
CONSULTANT AT ANY TIME PRIOR TO OR DURING
CONSTRUCTION. FURTHER, ANY SUCH DEVIATION
OR CHANGES TO THESE PLANS NULLIFIES ANY
RESPONSIBILITY THAT QDI MAY HAVE WITH RESPECT
TO THIS PLAN OR CONSEQUENT CONSTRUCTION.

BUILDING CONTRACTOR TO VERIFY ALL DIMENSIONS
BEFORE PROCEEDING. DIMENSIONS ALWAYS TAKE
PRECEDENCE OVER SCALED DIMENSIONS. ALL
CONSTRUCTION SHALL COMPLY WITH PART 9 OF THE
ONTARIO BUILDING CODE.

THE OWNER/BUILDER TAKES ALL RESPONSIBILITY FOR
THE COMPLIANCE OF ALL NEW CONSTRUCTION
AS IT PERTAINS TO ALL APPLICABLE LAW AS DERIVED BY
O.B.C. (A.3.8) (EXCEPT A1). ALL HOME OWNER/BUILDERS
TAKE ALL RESPONSIBILITY FOR THE COMPLIANCE TO THE
ONTARIO NEW HOME WARRANTIES PLAN ACT, AND RELEASES
QUINTEDESIGNS CA (QDI) FROM ALL LIABILITY ONCE THE
BUILDING PERMIT IS GRANTED.

REVIEW ALL PLANS AND ELEVATIONS FOR ACCURACY
OR DESIGN AND CONSTRUCTION METHOD. REPORT
ANY ERRORS OR OMISSIONS TO QUINTEDESIGNS CA (QDI)
BEFORE CONSTRUCTION AND WILL NOT BE HELD
LIABLE FOR ANY ERRORS OR OMISSIONS NOT
REPORTED. THE PLANS PROVIDED COMPLY WITH THE
LATEST ONTARIO BUILDING CODE (2020).
DESIGNER'S B.C.I.N. # 27981.
PLANS NOT CERTIFIED WITHOUT HAND SIGNATURE.

B.C.I.N. # for COMPANY

B.C.I.N. # 117460

B.C.I.N. # for REVIEWER

B.C.I.N. # 27981

SCALE

AS NOTED

DATE

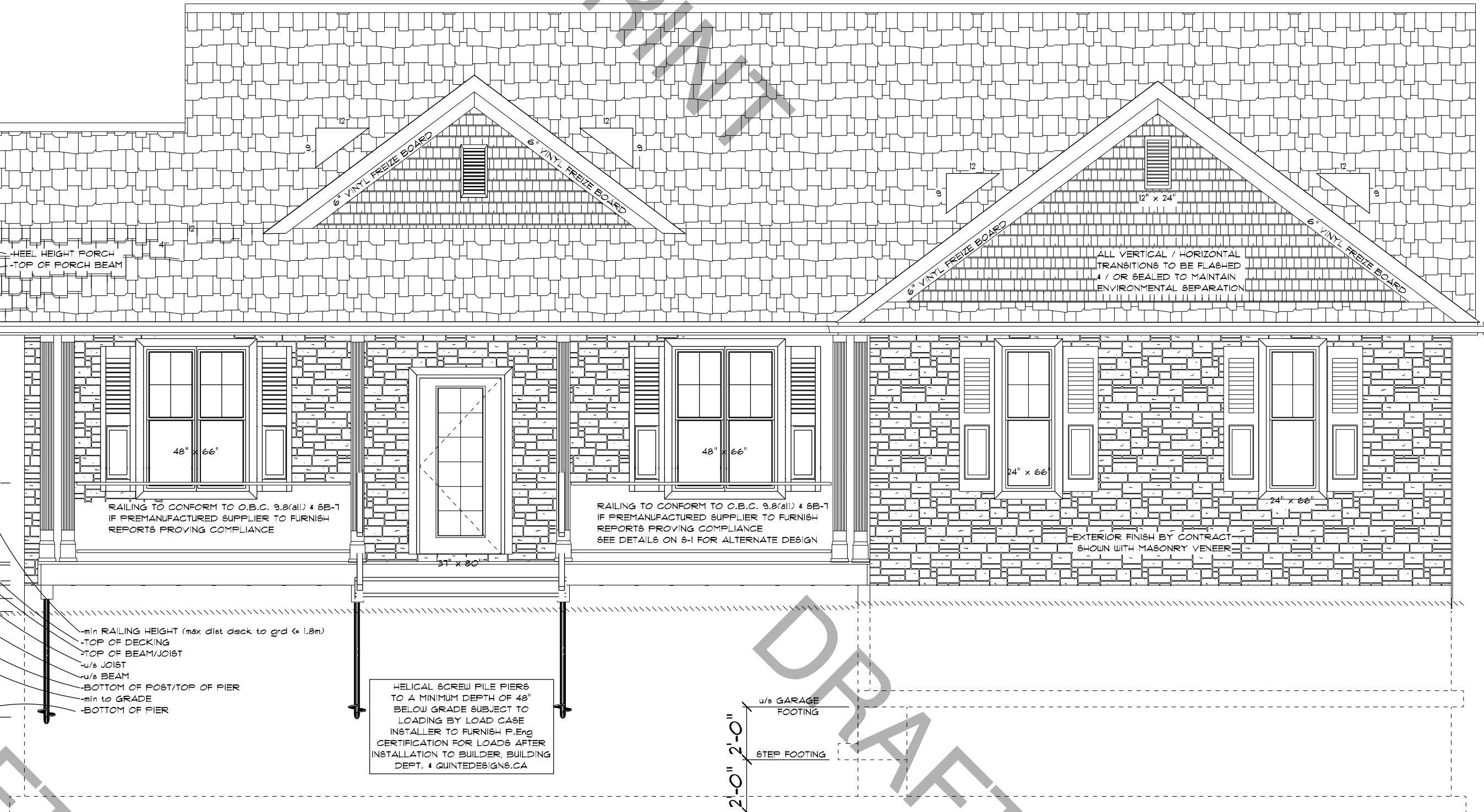
MARCH 2021

PROJECT No.

2021-09

DRAWING NUMBER

A-3



FRONT ELEVATION
scale: 1/4"=1'-0"

ALL PRESENTED PROPOSED GRADE LINES
ARE ARTISTIC LOCATIONS FOR GRAPHICAL
PURPOSES ONLY.
CONTRACTOR TO MAINTAIN MINIMUM GRADES
OVER FOOTINGS as per O.B.C. 9.12.4 ENSURE
POSITIVE DRAINAGE AWAY FROM FOUNDATION.
CONTRACTOR TO MAINTAIN MINIMUM DISTANCE
FROM FINISHED GRADE TO EXTERIOR FINISHES
as per O.B.C. 4 MANUFACTURER'S SPECIFICATIONS



REAR ELEVATION
scale: 1/4"=1'-0"

ROOF VENTILATION (as per O.B.C. 9.13.1)
UNSTRUCTURED VENT AREA TO BE 1000"
TREATED CEILING AREA UNIFORMLY DISTRIBUTED
AROUND PERIMETER w/ A MIN OF 25% AT
THE TOP AND BOTTOM OF THE SPACE RESPECTIVELY
AS ROOF TYPE: EAVE TYPE OR GABLE-END
CEILING AREA = 1644"
TOTAL VENTILATION REQUIRED = 1644/1000
= 1.644"
RIDGE VENTING to be 10% x 5.000" x 50%
= 2.500" rounded to 1"
as CONTINUOUS RIDGE VENT or 8 DURABLE SO VENTS
EAVE VENTING TO BE VENTED SOFFIT
WITH MIN 2.644" OF FREE AIR

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TOP OF WALL
TOP OF CEILING
TOP OF DOOR
TOP OF SUBFLOOR
TOP OF FOUNDATION
GRADE
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BOTTOM OF FOOTING

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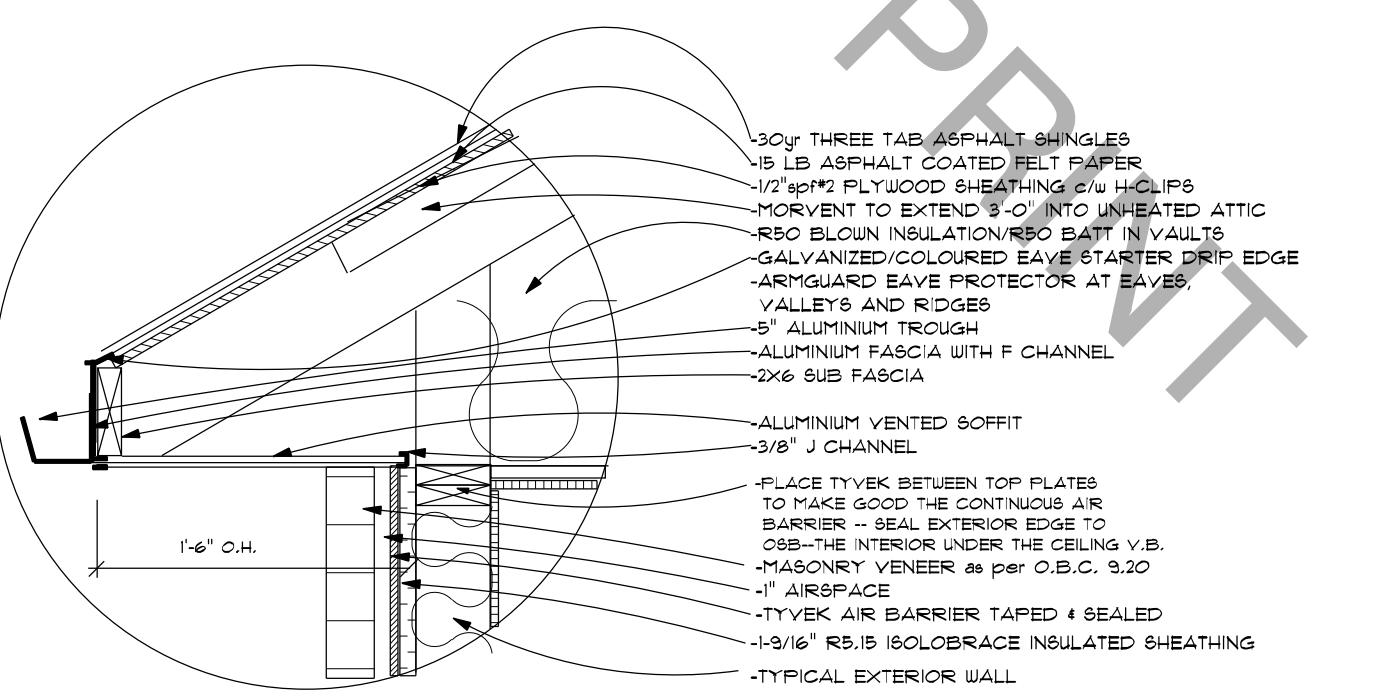
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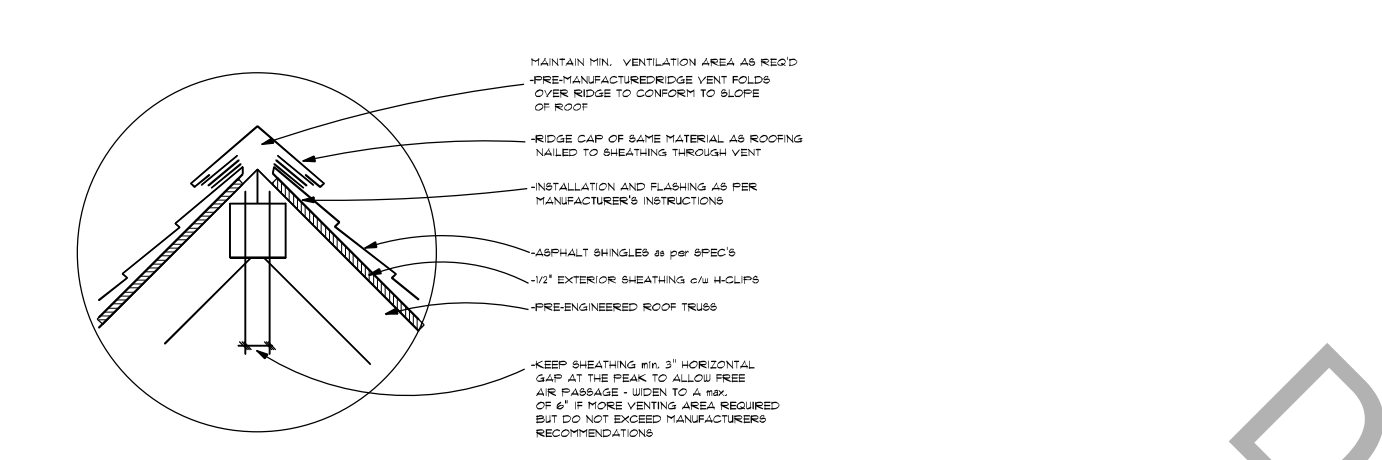
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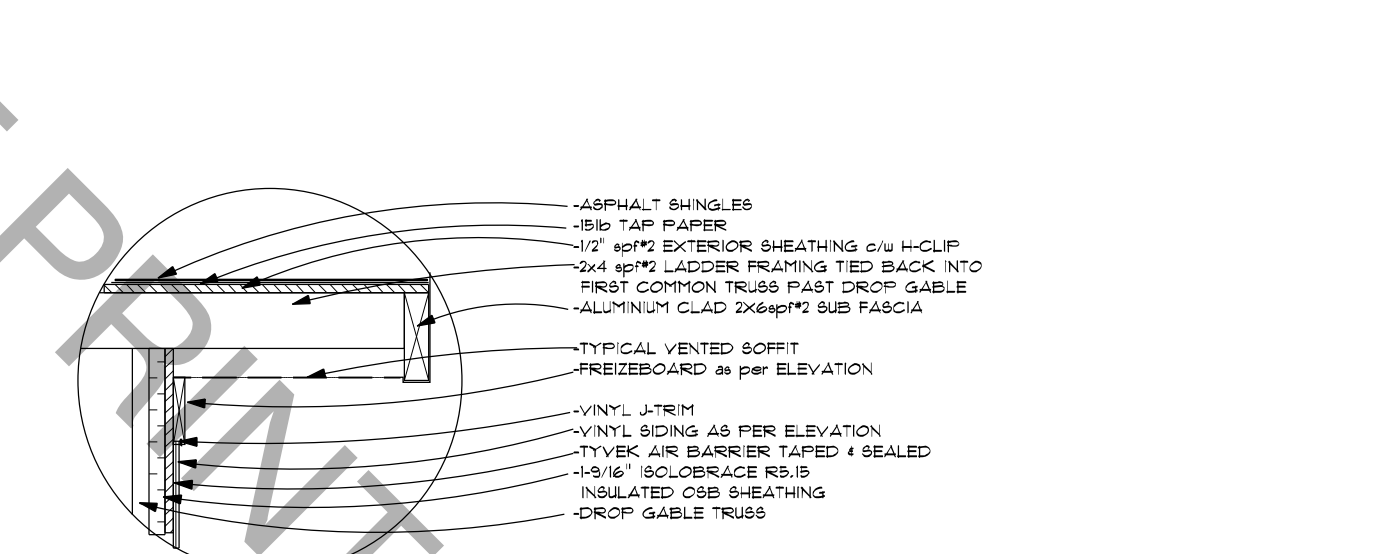
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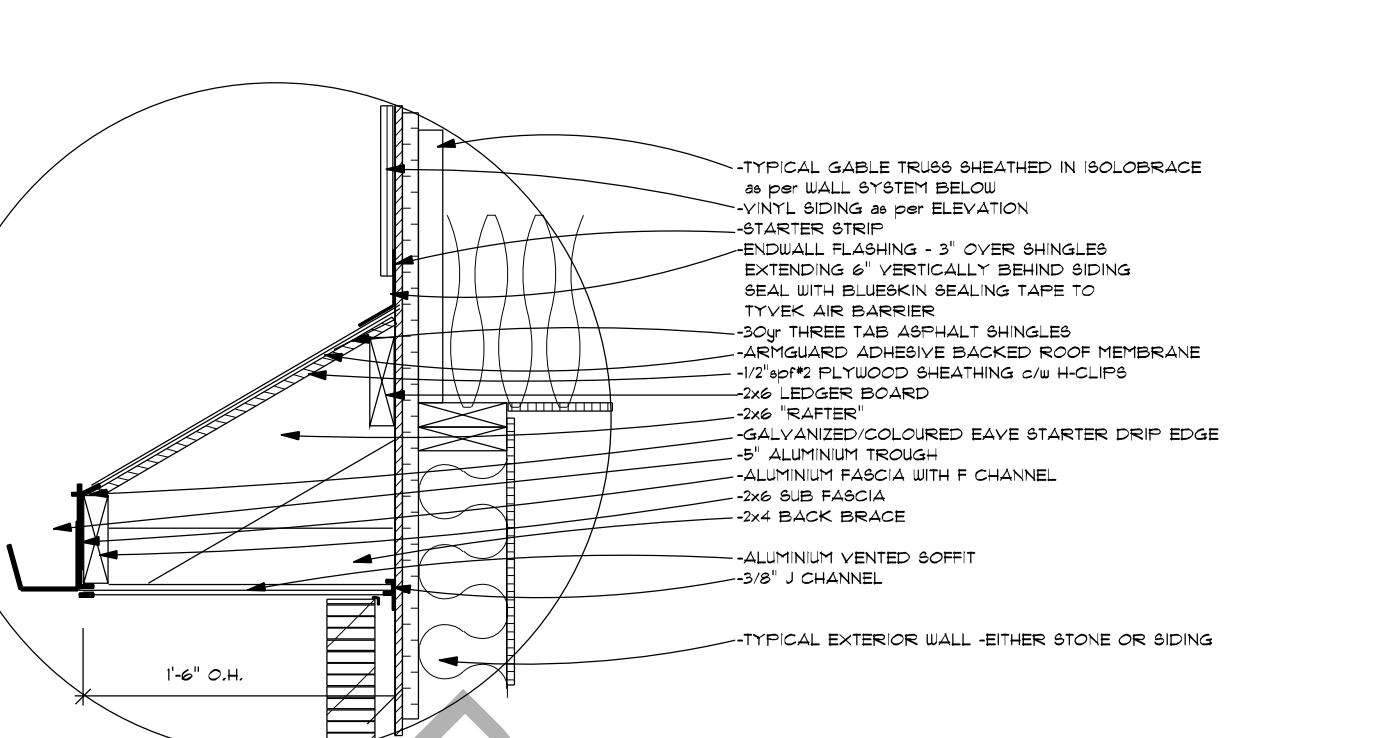
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A-3
TYPICAL EAVE DETAIL - MASONRY VENEER WALL
SCALE 1/4"=1'-0"



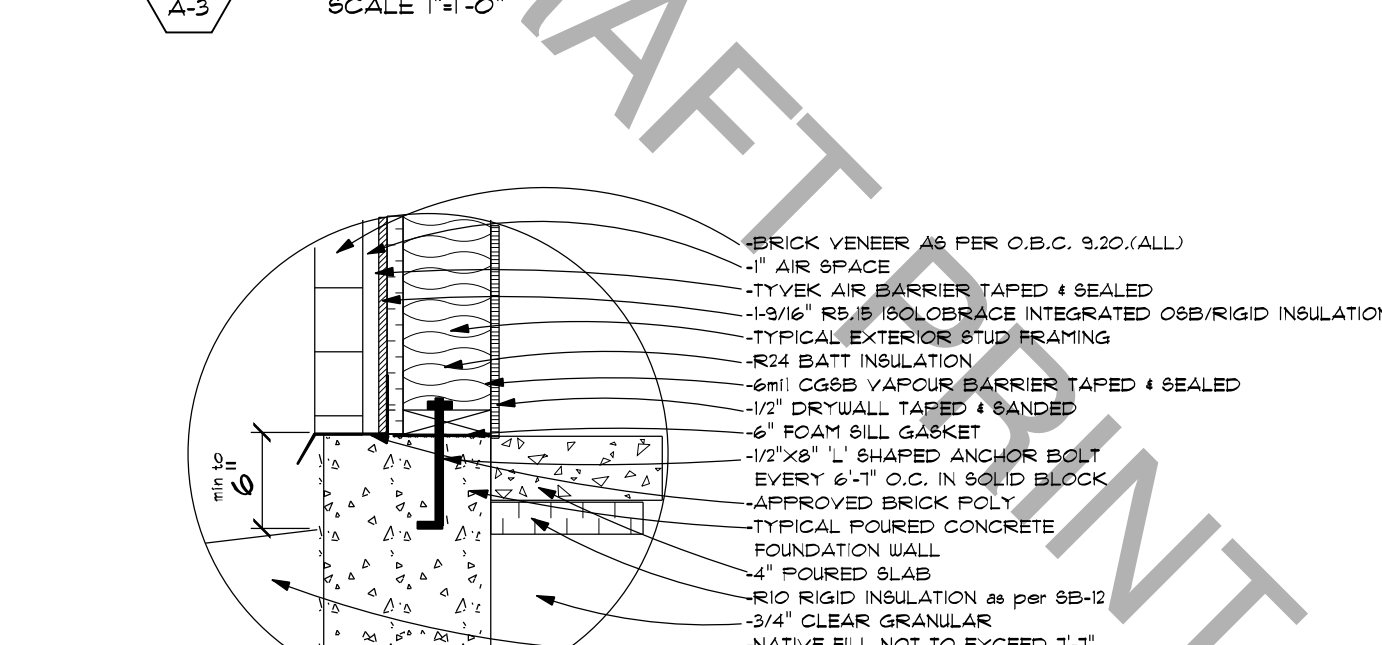
2
A-3
RIDGE VENT DETAIL
scale: NTS



3
A-3
TYPICAL DROP GABLE END
scale: 1/4"=1'-0"



4
A-3
TYPICAL EYEBROW DETAIL & GABLE TRUSS
SCALE 1/4"=1'-0"



5
A-3
TYPICAL BRICK VENEER WALL
WALK-OUT BASEMENT CONNECTION
SCALE 1/4"=1'-0"