

:: KENNELLY RESIDENCE ADDITION :: 130 ARTHUR STREET - KOMOKA::



drawings to be considered preliminary until signed by harrison loxton

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CLIENT / PROJECT INFORMATION 22104 - Sean Kennelly 130 Arthur Street Komoka. ON

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December 7, 2022

SCALE: As Noted
DRAWN BY: HARRISON (TED) LOXTON
ISSUED FOR:

GENERAL NOTES

** BAYVIEW DESIGN GROUP ASSUMES NO LIABILITY FOR WORK COMPLETED WHERE A BUILDING PERMIT IS REQUIRED BUT HASN'T BEEN OBTAINED.

THESE PLANS REMAIN PROPERTY OF THE DESIGNER AND MUST BE RETURNED UPON REQUEST. THESE DRAWINGS ARE TO BE USED FOR THE PROPERTY INDICATED IN THE TITLEBLOCK ONLY. OTHER USE IS PROHIBITED.

3. ALL WORK TO BE UNDERTAKEN IN ACCORDANCE WITH THE ONTARIO BUILDING CODE, 2012 EDITION. ALL CODE REFERENCES REFER TO OBC 2012 DIVISION 'B'.

4. CONTRACTOR TO VERIFY ALL SPECIFICATIONS AND DIMENSIONS AND SHALL BE RESPONSIBLE FOR REPORTING DISCREPANCIES TO THE DESIGNER FOR CLARIFICATION.

5. DESIGNER AND/OR ENGINEER SHALL BE NOTIFIED PRIOR TO POURING CONCRETE FOR

6. ALL WINDOW OPENINGS THAT EXCEED 48" WIDE SHALL HAVE 2-2X6 PLATES AT THE BOTTOM

OF OPENING (TYPICAL UNO) 7. ADJUSTMENTS OR CHANGES MADE TO THESE DRAWINGS, FLOOR OR TRUSS LAYOUT, AND POINT

1. ADDGS IMENTS OR CHANGES MADE TO THESE DRAWNINGS, FLOOR OR TROSS EATOUT, AND FOI LOADS SHALL BE IDENTIFIED PRIOR TO CONSTRUCTION. BAYVIEW DESIGN GROUP SHALL BE NOTIFIED FOR FURTHER REVIEW AND APPROVAL.

ALL SHOP DRAWINGS AND ANY PRECAST UNITS SHALL BE SUBMITTED AND APPROVED PRIOR TO INSTALLATION.

9. REFER TO TRUSS DRAWINGS FOR CONNECTION DETAILS.

10. INSULATION VALUES TO COMPLY WITH SB-12, COMPLIANCE PACKAGE A1.

11. WHERE LOAD BEARING WALLS ARE NOT FINISHED WITH GYPSUM BOARD OR A SUITABLE INTERIOR FINISH, BLOCKING SHALL BE FASTENED TO THE STUDS @ 4'-0" O.C. AS PER OBC 9.23.10.2.(2)(5) 12. 5/8" SUBFLOOR SHEATHING TO BE GLUED AND SCREWED TO PRE-ENGINEERED JOISTS ON ALL LEVELS.

13. TYPICAL NON-BEARING PARTITION SHALL BE CONSTRUCTED OF 2X4 STUDS @ 16"O.C. W/ DOUBLE TOP PLATE AND

SINGLE BOTTOM PLATE WITH 1/2" GYPSUM BOARD ON BOTH SIDES.

14. REFER TO SHEETS A3 OR A4 FOR BATHROOM BLOCKING DETAILS, TO COMPLY WITH OBC 9.5.2.3 (TYPICAL TO ALL BATHROOMS) 15. ALL RIGID OR SPRAY FOAM INSULATION MUST BE PROTECTED WITH GYPSUM BOARD, TAPED AND MUDDED.

16. SPECIFIC LOCATION OF HYDRO METER TO BE VERIFIED BY UTILITY COMPANY.

17. ALL ELECTRICAL PANELS AND COMPONENTS TO COMPLY WITH OBC 9.34. AND ANY SPECIFIC REQUIREMENTS OF LOCAL UTILITY COMPANY.

GROUND OR FILL SHALL BE SEPARATED FROM THE CONCRETE W/ MIN. 5MIL POLY OR TYPE 'S' ROLL ROOFING AS PER OBC 9.23.2.3.(1) & (2).

19. ALL WOOD POSTS TO PROVIDED AS INDICATED ON DRAWINGS.

20. FLOOR DRAINS TO BE LOCATED IN EVERY MECHANICAL ROOM, LOWER TERRACE, WINDOW WELL & LAUNDRY ROOM.

21. WINDOWS AND GLASS DOORS LESS THAN 24" ABOVE FINISHED FLOOR SHALL BE TEMPERED GLASS.

22. STRUCTURAL STEEL SHOP DRAWING REVIEW TO BE DONE BY BUILDER. BUILDER TO SITE-CONFIRM DIMENSIONS AS PER SHOP DRAWINGS PREPARED BY STEEL SUPPLIER.

23. IF DURING CONSTRUCTION, GROUND WATER OR SOIL CONDITIONS ARE FOUND TO BE NOT OF TYE TYPE USED IN THE DESIGN, THE DESIGN SHALL BE REASSESSED BY BAYIVEW DESIGN GROUP.

KITCHEN NOTES

9.10.21.3. HORIZONTAL CLEARANCES (1) EXCEPT AS PROVIDED IN SENTENCES (2) AND (3), COMBUSTIBLE WALL FRAMING, FINISHES OR CABINETS WITHIN 450 MM (17% IN) OF THE AREA WHERE THE RANGE IS TO BE LOCATED SHALL BE PROTECTED ABOVE THE LEVEL OF THE HEATING ELEMENTS BY MATERIAL PROVIDING FIRE RESISTANCE NOT LESS THAN THAT OF A 9.5 MM (D IN) THICKNESS OF GYPSUM BOARD. (2) COUNTER-TOP SPLASH BOARDS OR BACK PLATES WHICH EXTEND ABOVE THE LEVEL OF THE HEATING ELEMENTS MEED NOT BE PROTECTED AS DESCRIBED IN SENTENCE (1).

(3) EXCEPT FOR CABINETRY DESCRIBED IN ARTICLE 9.10.21.2., CABINETRY LOCATED NOT LESS THAN 450 MM (17¾ IN)

ABOVE THE LEVEL OF THE HEATING ELEMENTS NEED NOT BE PROTECTED AS DESCRIBED IN SENTENCE (1).

9.33.4.2. LOCATION OF CARBON MONOXIDE ALARMS

(1) WHERE A FUEL-BURNING APPLIANCE IS INSTALLED IN A SUITE OF RESIDENTIAL OCCUPANCY, A CARBON MONOXIDE ALARM SHALL BE INSTALLED ADJACENT TO EACH SLEEPING AREA IN THE SUITE.

(2) WHERE A FUEL-BURNING APPLIANCE IS INSTALLED IN A SERVICE ROOM THAT IS NOT IN A SUITE
OF RESIDENTIAL OCCUPANCY, A CARBON MONOXIDE ALARM SHALL BE INSTALLED, (A) ADJACENT TO EACH SLEEPING AREA IN EVERY SUITE OF RESIDENTIAL OCCUPANCY THAT IS

ADJACENT TO THE SERVICE ROOM, AND

(B) IN THE SERVICE ROOM. (B) IN THE SERVICE ROOM.

(3) WHERE A STORAGE GARAGE IS LOCATED IN A BUILDING CONTAINING A RESIDENTIAL OCCUPANCY, A CARBON MONOXIDE ALARM SHALL BE INSTALLED ADJACENT TO EACH SLEEPING AREA IN EVERY SUITE OFRESIDENTIAL OCCUPANCY THAT IS ADJACENT TO THE STORAGE GARAGE.

(4) WHERE A STORAGE GARAGE SERVES ONLY THE DWELLING UNIT TO WHICH IT IS ATTACHED OR BUILT IN, A CARBON MONOXIDE ALARM SHALL BE INSTALLED ADJACENT TO EACH SLEEPING AREA IN THE DWELLING UNIT.

(5) A CARBON MONOXIDE ALARM SHALL BE MECHANICALLY FIXED,

(4) AT THE MANIFACTURER'S RECOMMENDED HEIGHT OR

(A) AT THE MANUFACTURER'S RECOMMENDED HEIGHT, OR
(B) IN THE ABSENCE OF SPECIFIC INSTRUCTIONS, ON OR NEAR THE CEILING.

(1) EXCEPT AS PROVIDED IN ARTICLE 9.13.3.1.. WHERE THE EXTERIOR FINISHED GROUND LEVE IS AT A HIGHER ELEVATION THAN THE GROUND LEVEL INSIDE THE FOUNDATIONWALLS, EXTERIOR SURFACES OF FOUNDATION WALLS BELOW GROUND LEVEL SHALL BE DAMPPROOFED. (2) EXCEPT AS PROVIDED IN SENTENCE (3) AND ARTICLE 9.13.3.1., FLOORS-ON-GROUND SHALL BE

OVER GRANULAR FILL IN CONFORMANCE WITH ARTICLE 9.16.2.1. NEED NOT BE DAMPPROOFED 4) DAMPPROOFING IN SENTENCE (1) IS NOT REQUIRED WHERE THE EXTERIOR SURFACES OF FOUNDATION WALLS BELOW GROUND LEVEL ARE WATERPROOFED.

9.13.2.5. APPLICATION OF DAMPPROOFING MATERIAL) DAMPPROOFING MATERIAL SHALL BE APPLIED OVER THE PARGING OR CONCRETE BELOW GROUND LEVEL.

GUARD AND HANDRAIL NOTES: VERIFY FINAL LOCATION OF MECHANICAL EQUIPMENT

WITH BCIN QUALIFIED HVAC DESIGNER TYPICAL RAILING AND GUARD HEIGHTS (AS PER OBC 9.8 AND SB-7):

1. INTERIOR GUARD RAILS AND HANDRAILS SHALL BE MIN. 36" A.F.F. 2. EXTERIOR GUARD RAILS AND HANDRAILS SHALL BE MIN. 36" IF DROP IS LESS THAN 6'-0". 3. EXTERIOR GUARD RAILS AND HANDRAILS SHALL BE MIN. 42" IF DROP IS GREATER THAN 6'-0".

OBC 9.6.1.4. TYPES OF GLASS AND PROTECTION OF GLASS

) GLASS SIDELIGHTS GREATER THAN 500 MM WIDE THAT COULD BE MISTAKEN FOR DOORS, GLASS IN STORM DOORS AND GLASS IN SLIDING DOORS WITHIN OR AT EVERY ENTRANCE TO A DWELLING

UNIT AND IN PUBLIC AREAS SHALL BE, (A) SAFETY GLASS OF THE TEMPERED OR LAMINATED TYPE CONFORMING TO CAN/CGSB-12.1-M, TÉMPERED OR LAMINATED SAFETY GLASS", OR

(B) WIRED GLASS CONFORMING TO CAN/CGSB-12.11-M,

(2) EXCEPT AS PROVIDED IN SENTENCE (4), GLASS IN ENTRANCE DOORS TO DWELLING UNITS AND IN PUBLIC AREAS, OTHER THAN THE ENTRANCE DOORS DESCRIBED IN SENTENCE (1), SHALL BE SAFETY GLASS OR WIRED GLASS OF THE TYPE DESCRIBED IN SENTENCE (1)

WHERE THE GLASS AREA EXCEEDS 0.5 M2 AND EXTENDS TO LESS THAN 900 MM

(3) EXCEPT AS PROVIDED IN SENTENCE (4), TRANSPARENT PANELS THAT COULD BE MISTAKEN AS A MEANS OF EGRESS SHALL BE PROTECTED BY BARRIERS OR RAILINGS.

(6) GLASS, OTHER THAN SAFETY GLASS, SHALL NOT BE USED FOR A SHOWER OR BATHTUB ENCLOSURE.

ZONE 1 - COMPLIANCE PACKAGE FOR SPACE HEATING EQUIPMENT WITH AFUE > 92% - COMPLIANCE PACKAGE A5

CEILING WITH ATTIC SPACE - R50

CEILING WITHALTIC SPACE - R31 EXPOSED FLOOR - R35 WALLS ABOVE GRADE - 19+5c.i.

BASEMENT WALLS - 12+5c.i.
HEATED SLAB - R10
EDGE OF SLAB LESS THAN 600mm BELOW GRADE - R10

WINDOWS AND SLIDING GLASS DOORS - ENERGY RATING 25 SKYLIGHTS MAX U - 0.49 SPACE HEATING EQUIPMENT MIN AFUE - 94%

HRV MIN SRE - 70% DOMESTIC WATER HEATER MIN EF - 0.80

9.19.1.2. VENT REQUIREMENTS

(1) EXCEPT AS PROVIDED IN SENTENCE (2), THE UNOBSTRUCTED VENT AREA SHALL BE NOT LESS THAN 1/300 OF THE INSULATED CEILING AREA.
(2) WHERE THE ROOF SLOPE IS LESS THAN 1 IN 6 OR IN ROOFS THAT ARE CONSTRUCTED WITH ROOF JOISTS, THE UNOBSTRUCTED VENT AREA SHALL BE NOT

LESS THAN 1/150 OF THE INSULATED CEILING AREA.

LESS THAN 1/150 OF THE INSULATED CEILING AREA.
(3) REQUIRED VENTS ARE PERMITTED TO BE ROOF TYPE, EAVE TYPE, GABLE-END TYPE OR ANY COMBINATION OF THEM, AND SHALL BE DISTRIBUTED,
(A) UNIFORMLY ON OPPOSITE SIDES OF THEBUILDING,
(B) WITH NOT LESS THAN 25% OF THE REQUIRED OPENINGS LOCATED AT THE TOP OF THE SPACE, AND
(C) WITH NOT LESS THAN 25% OF THE REQUIRED OPENINGS LOCATED AT THE BOTTOM OF THE SPACE.
(4) EXCEPT WHERE EACH ROOF JOIST SPACE REFERRED TO IN SENTENCE (2) IS SEPARATELY VENTED,
ROOF JOIST SPACES SHALL BE INTERCONNECTED BY INSTALLING PURLINS NOT LESS THAN 38 MM BY 38 MM
ON THE TOP OF THE ROOF JOISTS

ON THE TOP OF THE ROOF JOISTS.
(5) VENTS SHALL COMPLY WITH CAN3-A93-M, "NATURAL AIRFLOW VENTILATORS FOR BUILDINGS".

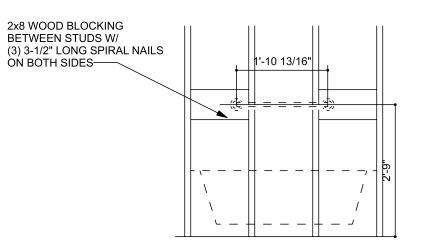
9.22.10.2. installation of wood stove (1) The installation of fireplace inserts and hearth mounted stoves vented through the throat of a fireplace shall conform to CSA B365.

insert conforming to Sentence 9.22.10.1.(1).

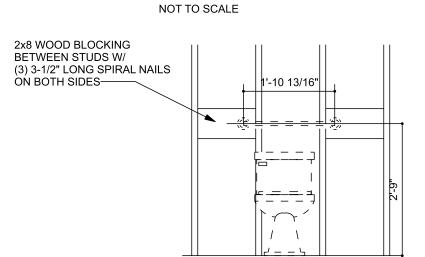
"installation Code for Solid-Fuel-Burning Appliances and Equipment".

(2) fireplace inserts and hearth mounted stoves vented through the throat

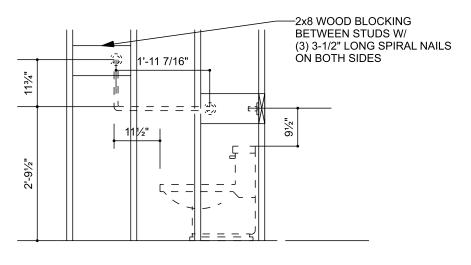
of a fireplace described in Sentence (1) may be installed in existing fireplaces only if a minimum thickness of 190 mm of solid masonry is provided between the smoke chamber and any existing combustiblematerials, unless the insert is listed for lesser clearances. (3) A fireplace insert installed in a masonry fireplace shall have,
(a) a listedmetal chimney liner installed from the insert collar to the top of the chimney, or
(b) a direct sealed connection to the chimney flue where such provision is part of an



SHOWER / TUB WALL SIDE ELEVATION



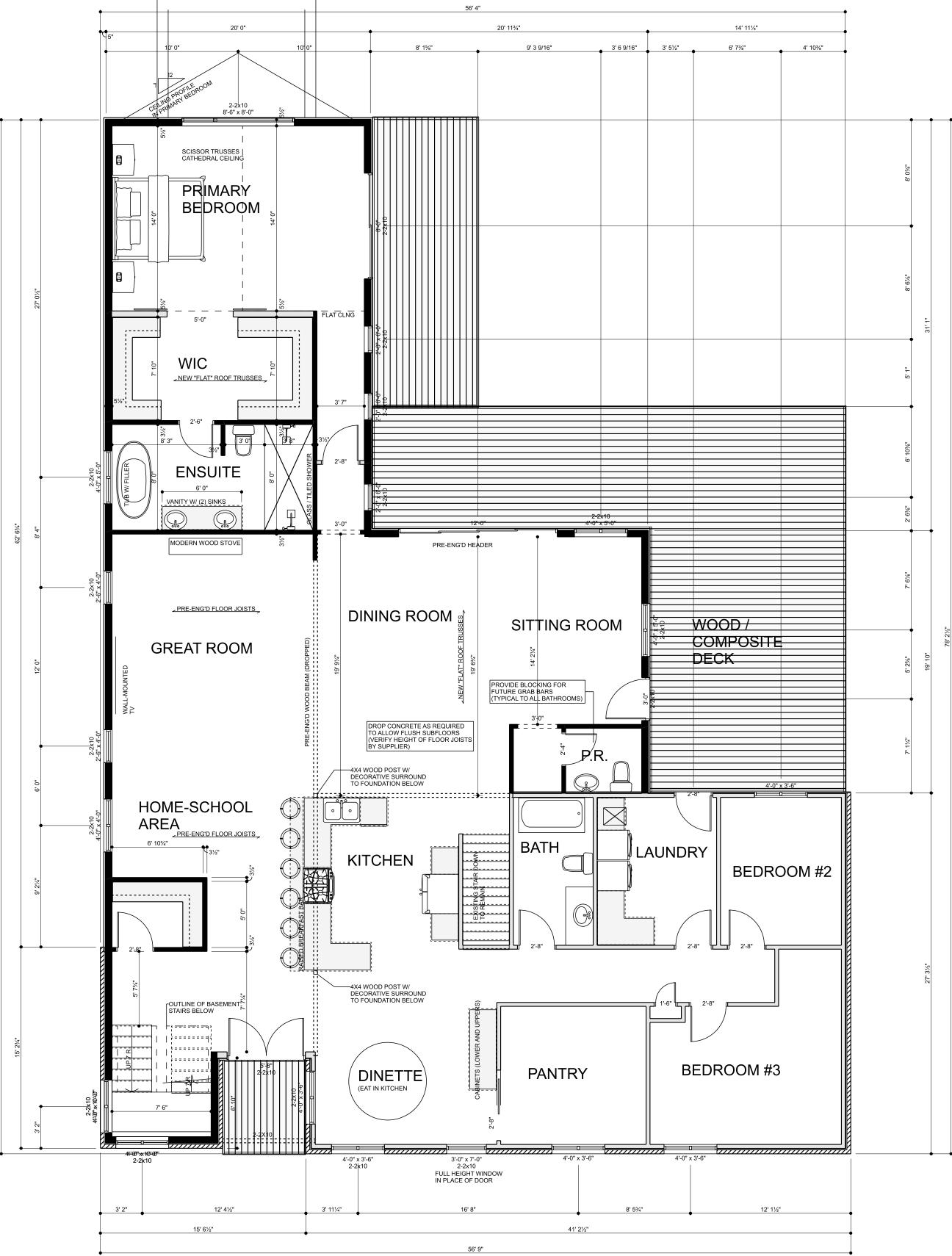
W.C. FRONT ELEVATION NOT TO SCALE



W.C. SIDE ELEVATION NOT TO SCALE

BATHROOM BLOCKING DETAIL

SCALE: 1/2" = 1'-0"



MAIN FLOOR SCALE: 3/16" = 1'-0"

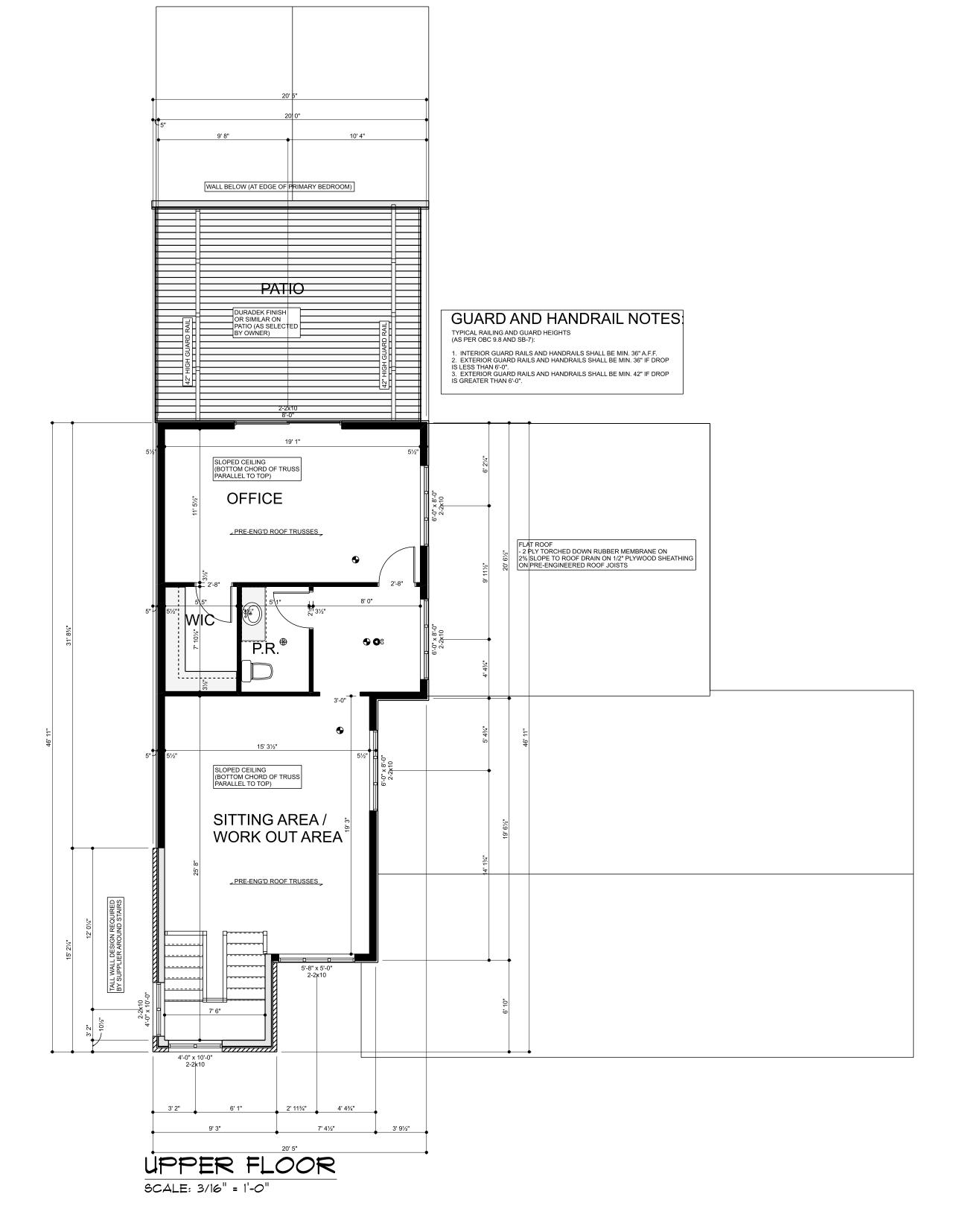
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PROJECT NUMBER

22104



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UPPER FOUNDATION AND L

December 7, 2022

SCALE: 3/16" = 1'-0"
DRAWN BY: HARRISON (TED) LC
ISSUED FOR:

PROJECT NUMBER

22104

BASEMENT SCALE: 3/16" = 1'-0"



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CLIENT / PROJECT INFORMATION: 22104 - Sean Kennelly 130 Arthur Street Komoka, ON

> sember 7, 2022 ALE: 3/16" = 1'-0" AWN BY: HARRISON (TED) LOXTON

ELEVATION

December 7, 2022

SCALE: 3/16'

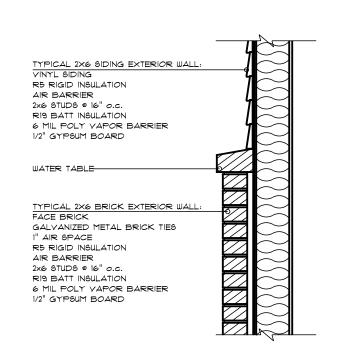
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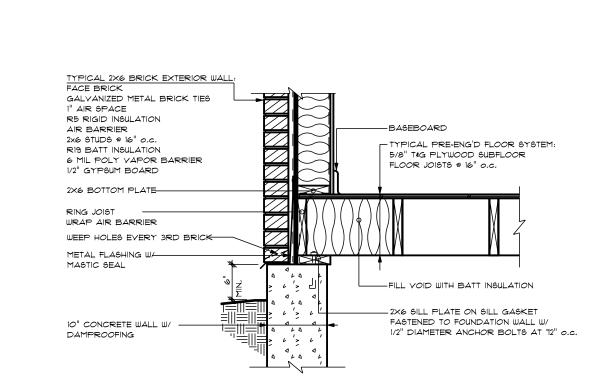
2X6/BRICK/SIDING

TYPICAL 2X6 SIDING EXTERIOR WALL: R5 RIGID INSULATION AIR BARRIER 2x6 STUDS @ 16" o.c. TYPICAL FLOOR SYSTEM: 5/8" T&G PLYWOOD SUBFLOOR FLOOR JOISTS AS PER SUPPLIER R19 BATT INSULATION 6 MIL POLY VAPOR BARRIER 1/2" GYPSUM BOARD 2X6 BOTTOM PLATE 2×10 RING JOIST -WRAP AIR BARRIER FILL YOID WITH BATT INSULATION _ 2X6 SILL PLATE ON SILL GASKET 1/2" DIAMETER ANCHOR BOLTS AT 72"o.c. TYPICAL CONCRETE WALL: 10" CONCRETE DAMPROOFING EXCAVATION R-5 RIGID INSULATION 2×4 STUDS @ 16" o.c. RI2 BATT INSULATION AIR/VAPOR BARRIER BACKFILL---1/2" DRYWALL —BOTTOM PLATE SAND STOP-CONCRETE-FOOTING (24"×8") L5" GRANULAR FILL

2×6/SIDING EAVE

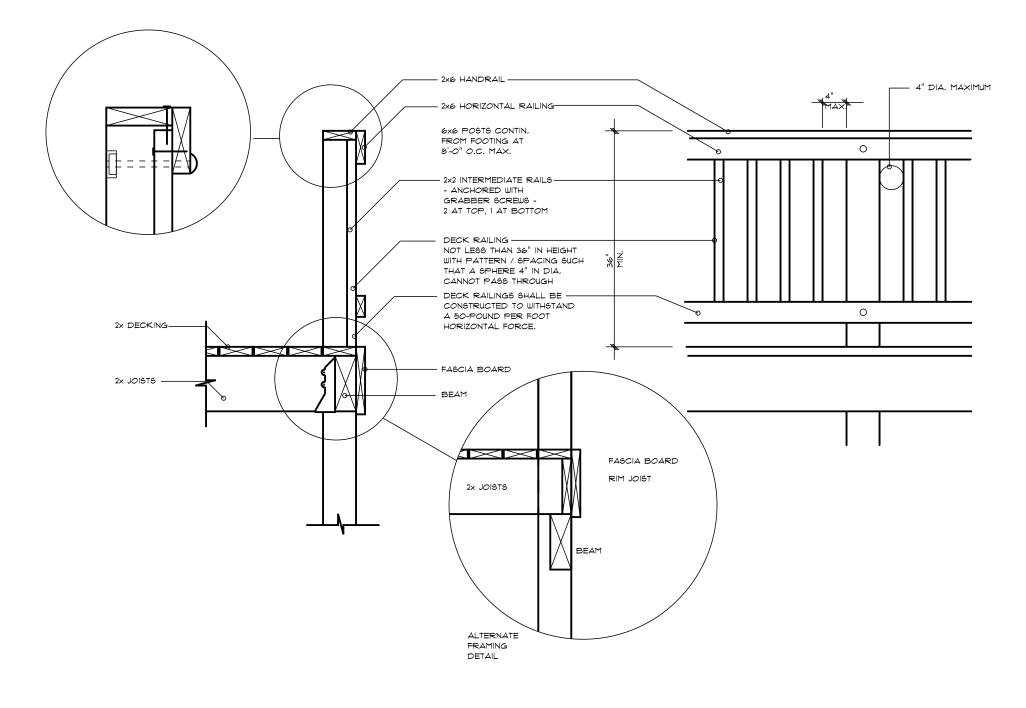
6" GRAVEL (MINIMUM) ON

4" DIA, WEEPING TILE



2x6/BRICK WALL AT FOUNDATION

2x6/SIDING AT FOUNDATION 2x4 FINISHED BASEMENT



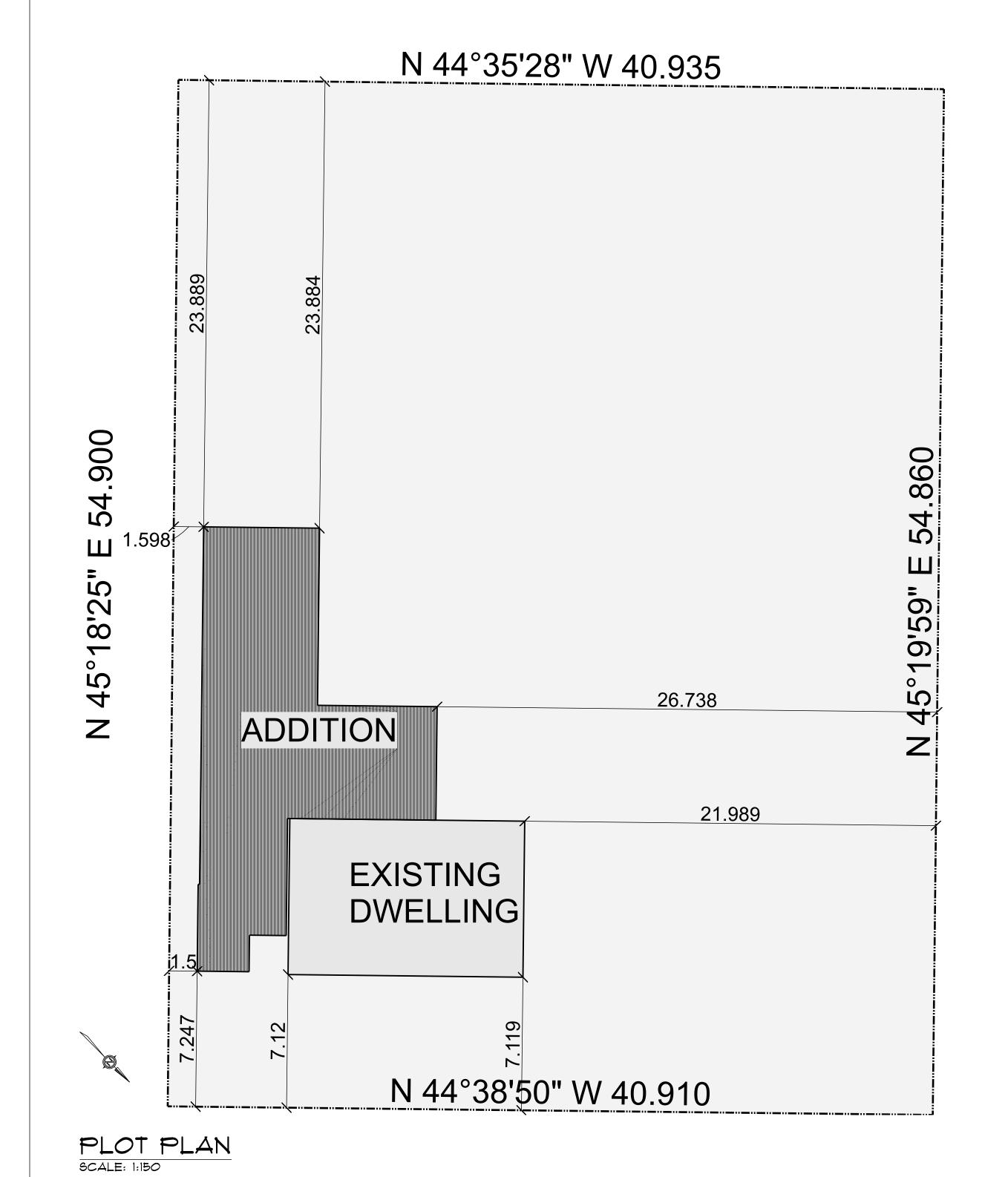
4" POURED CONCRETE SLAB

DECK AND RAILING (RAILING REQUIRED IF FALL >24")

14 ARTHUR STREET

LOT AREA = 2245.8 m^2 EXISTING DWELLING = 104.8 m^2 ADDITION = 170.0 m^2 TOTAL DWELLING (PROPOSED) = 274.8 m^2 LOT COYERAGE (PROPOSED) = 12.2%

—МНО ——МНО





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PLOT PLAN
December 7, 2022
SCALE: As Not
DRAWN BY: HARR
ISSUED FOR:

PROJECT NUMBER

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DETAILS SCALE: 3/4" = 1'-0"