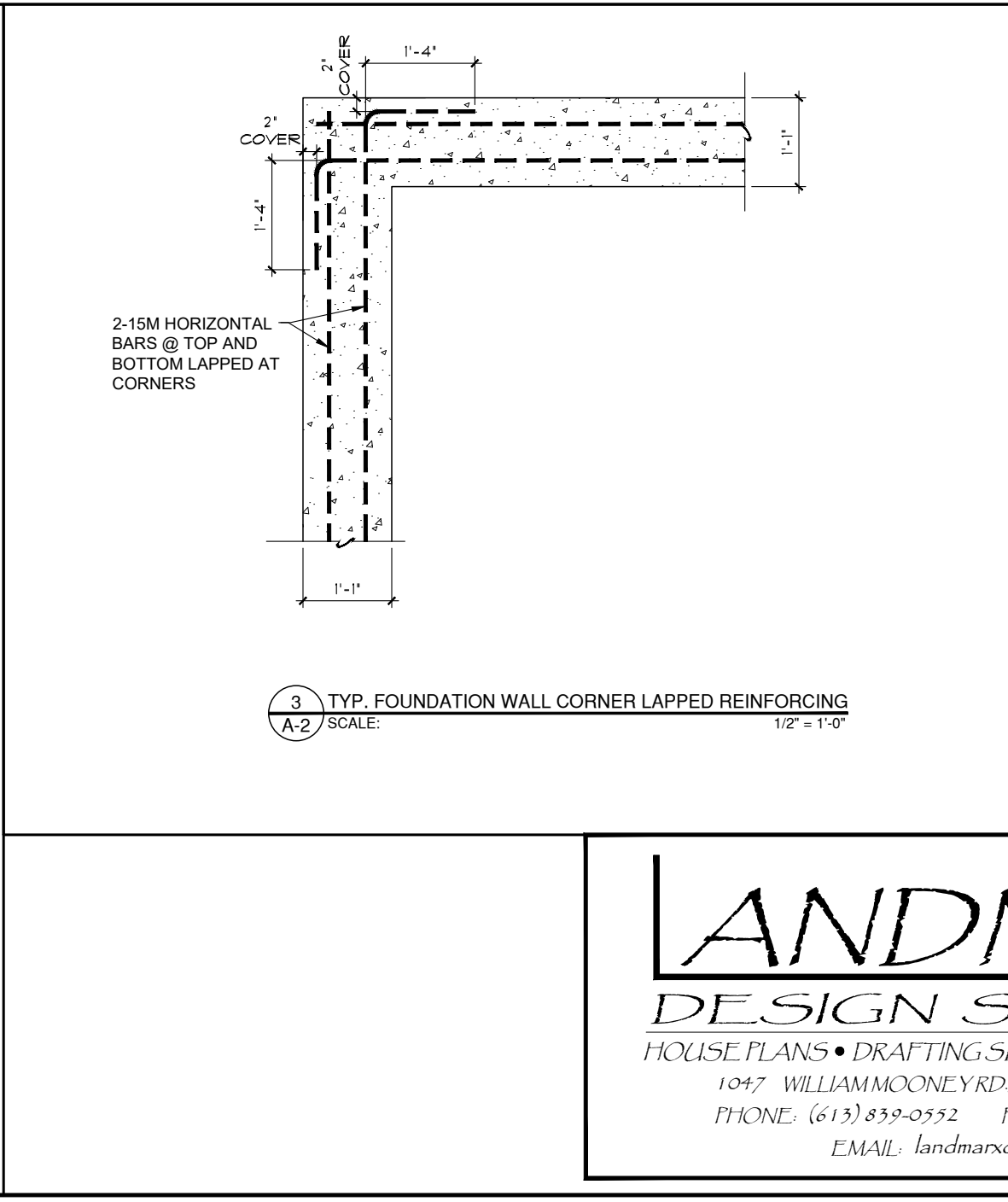
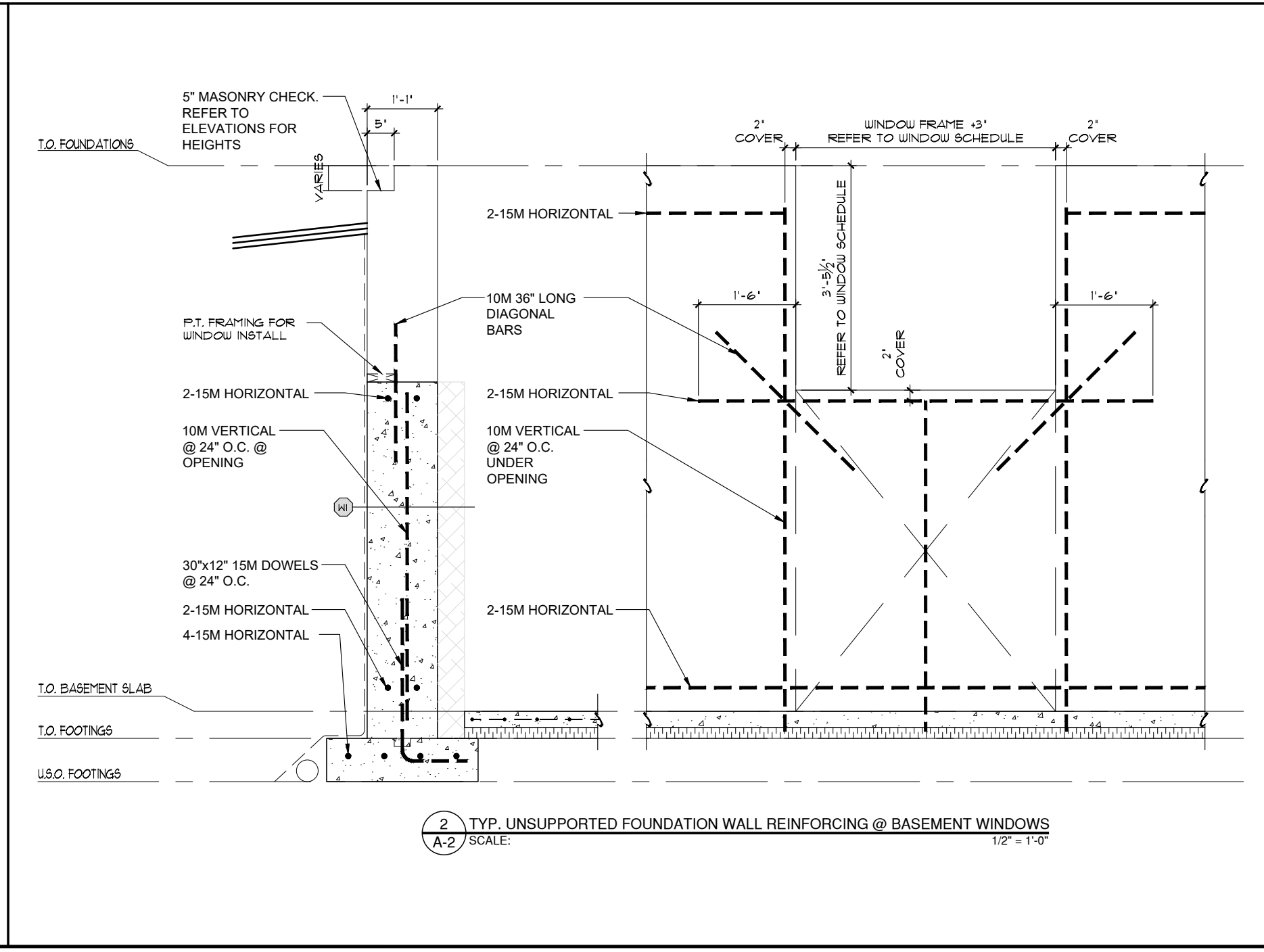
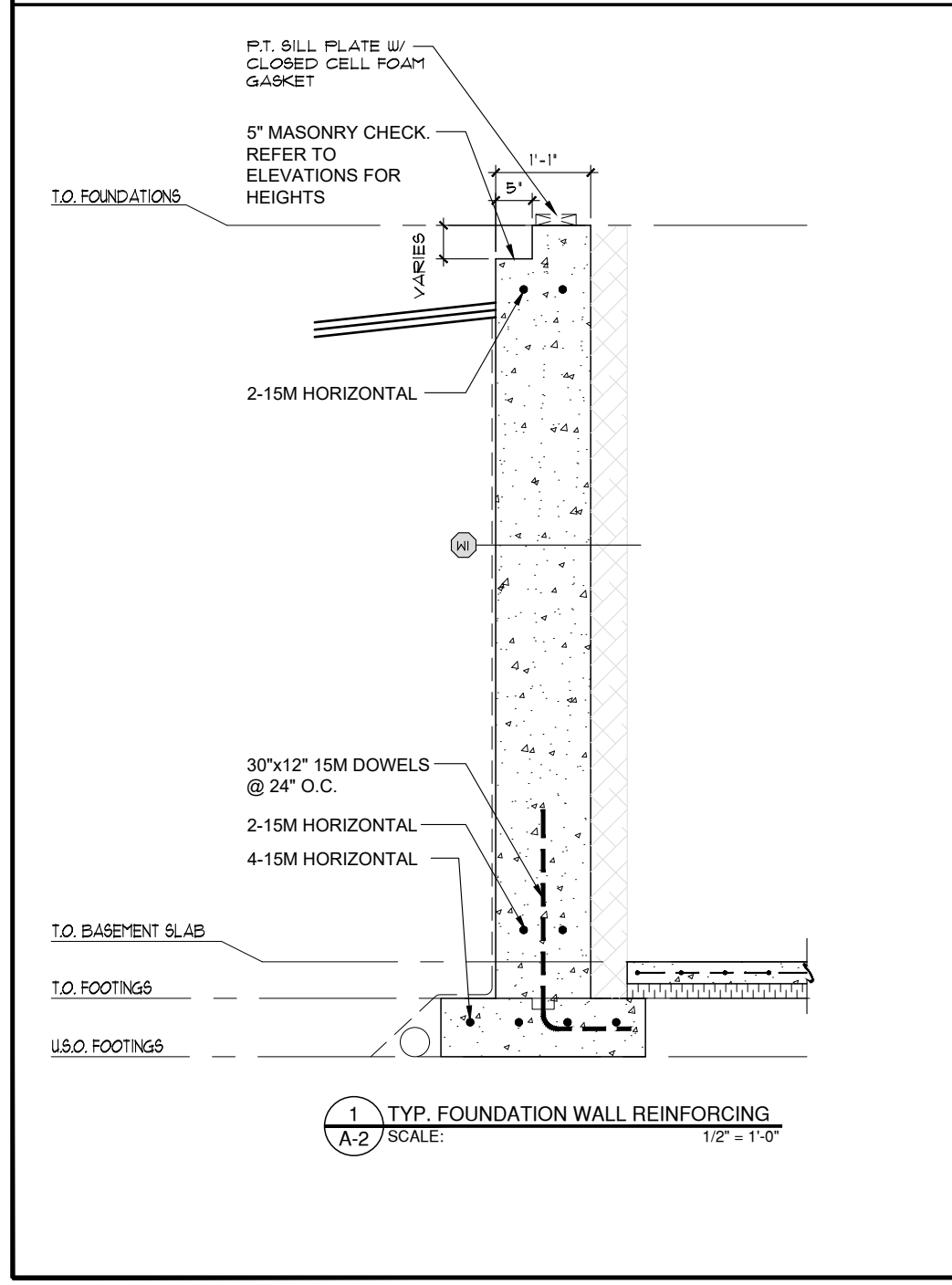
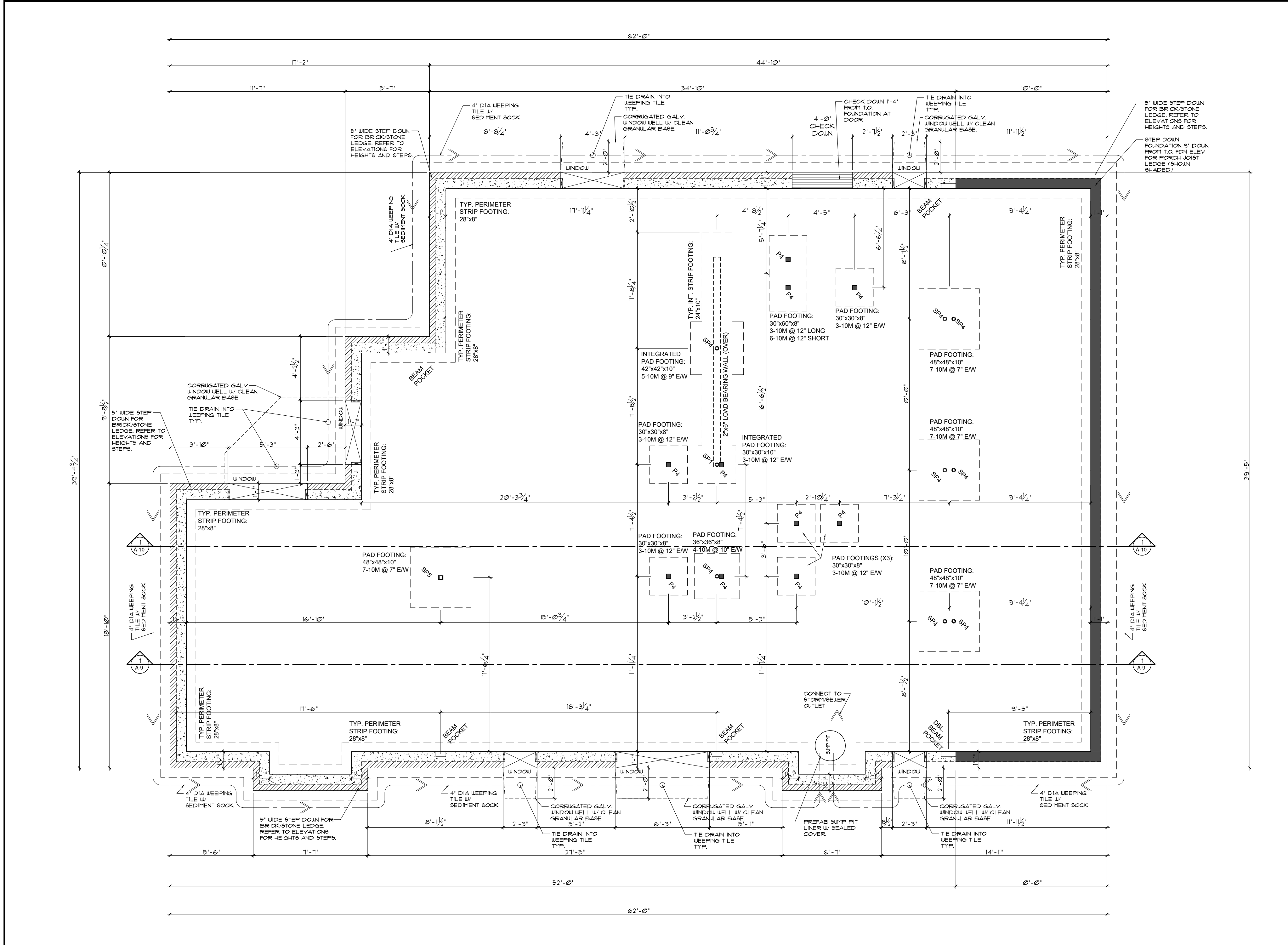




**STEEL POSTS & FOOTINGS:**

- SP1 - STEEL ADJUSTABLE POST MITEK BLACKJACK 2.5 MIN.
- SP2 - STEEL ADJUSTABLE POST MITEK BLACKJACK 2.5 MIN.
- SP3 - STEEL ADJUSTABLE POST MITEK BLACKJACK 3.0 MIN.
- SP4 - STEEL ADJUSTABLE POST MITEK BLACKJACK 3.0 MIN.
- SP5 - WELDED H.S.S. POST A57M A500 GRADE C HSS 102x102x1.3

**WOOD POST:**

- P1-3-2x6"
- P2-4-2x6"
- P3-5-2x6"
- P4-2-4x4"
- P5-6x6" P.T.

**CONSTRUCTION LEGEND:**

**FOOTINGS:**

- FOUNDED CONC. FOOTING ON UNDISTURBED SOIL. REFER TO A-2, FOUNDATION PLAN FOR SIZES & RE-BAR. REFER TO GENERAL NOTES. PROVIDE 6" MIN. CRUSHED STONE OVER FOOTING.

**TYP. CONCRETE BASEMENT SLAB CONSTRUCTION:**

- FINISHED FLOORING W/ V.B.
- 1" MACHINE TROWELLED POURED CONCRETE SLAB W/ 6x6 W/M.
- 2" (R-10) RSI 116" MED. DENSITY RIGID INSULATION CONTINUOUS UNDER SLAB.
- 2" MIL POLY V.B.
- COMPACTED CLEAN GRANULAR FILL ON UNDISTURBED SOIL OR BEDROCK.

**TYP. FLOOR ASSEMBLY CONSTRUCTION:**

- FINISHED FLOORING
- 1 1/2" GYPSUM TAPPING NON-GROUND FLOOR ONLY. SEE SECTIONS/DETAILS.
- 3/4" TAG OSB SHEATHING (GLUED & SCREWED)
- 1 1/8" PRE-ENGINEERED OPEN WEB WOOD JOISTS (REFER TO LAYOUT FOR SPACING/BLOCKING)
- 1/3" WOOD STRAPPING @ 16" O.C.
- 1/2" GYPSUM BOARD CEILING W/ JOINTS TAPPED, MUDDED AND PRIMED

**TYP. 1 HOUR FIRE RATED FLOOR ASSEMBLY CONSTRUCTION:**

- PER O.B.C. 88-3, TEL. 7, ASSEMBLY # 334g - 1 HOUR FR. STC 63, I.C. 36
- FINISHED FLOORING
- 1 1/2" GYPSUM TAPPING
- 3/4" TAG OSB SHEATHING (GLUED & SCREWED)
- 1 1/8" PRE-ENGINEERED OPEN WEB WOOD JOISTS (REFER TO LAYOUT FOR SPACING/BLOCKING)
- RESILIENT METAL CHANNELS @ 16" O.C.
- 1 LAYER OF 1/2" GYPSUM TYPE X BOARD CEILING W/ JOINTS TAPPED, MUDDED AND PRIMED. 1" DRYWALL TO RUN CONTINUOUS OVER ALL NON RATED WALL TOP PLATES

**TYP. INSULATED FRONT PORCH FLOOR ASSEMBLY CONSTRUCTION:**

- 1 1/2" NATURAL STONE PAVERS ON POLY MODIFIED THIN-BET MORTAR (SLOPE 1% TOWARD FRONT) ENSURE COMPATIBILITY WITH EPDM MEMBRANE BELOW
- FULLY ADHERED EPDM ROOF MEMBRANE
- 1 1/8" PRE-ENGINEERED OPEN WEB WOOD JOISTS (REFER TO LAYOUT FOR SPACING/BLOCKING)
- MINIMUM 5" (R-31) CONTINUOUS CLOSED CELL SPRAY FOAM INSULATION TO U/S OF PLYWOOD SHEATHING
- 1/3" WOOD STRAPPING @ 16" O.C.
- 1/2" GYPSUM BOARD CEILING W/ JOINTS TAPPED, MUDDED AND PRIMED

**TYP. FOUNDATION WALL CONSTRUCTION:**

- SYSTEM "FLATON" DRAINAGE LAYER SYSTEM G.A.E. & BITUMINOUS DAMPPROOFING LAYER
- 3" THK. POURED CONC. FDN. WALL ON 28x40" POURED CONC. STRIP FTNG. (REFER TO PLAN PROVIDE 3" BRICK LEDGE AT TOP REFER TO DETAILS)
- 2x4" BAR HORIZ. TYP. AT TOP AND BOTTOM OF CONC. WALL. PROVIDE PROPER LAPS AND BENT CORNERS
- 4" DIA. CONTINUOUS REEFING TILE AT FOOTING LEVEL AROUND HOUSE BASEMENT.
- 5" (R-20) TYPE 2 EPS INSULATION PANELS W/ SHIMLAPPED JOINTS (STYRO RAL REFERS G.A.E. FROM TOP OF FOOTING TO U/S OF FLOOR JOISTS FOLLOW SUPPLIER'S INSTALLATION INSTRUCTIONS)
- 6" MIL POLY V.B. ENSURE TO SEAL TO UNDER SLAB V.B.
- 1/3" WOOD STRAPPING @ 24" O.C.
- 1" HOLD 4" MOISTURE RESISTANT DRYWALL TAPED & MUDDED ON INTERIOR FACE. (DRYWALL IS OPTIONAL, 1 AREA AS PER OWNER REQUEST)

**NOTE:**

- ALL WOOD BILL PLATES THAT COME IN CONTACT WITH CONC. SLAB TO BE PRESURE TREATED.
- TYPICAL CONCRETE STRENGTH IS TO BE 28 MPa AFTER 28 DAYS.

**TYPICAL EXTERIOR WALL CONSTRUCTION:**

- BRICK VENEER W/ WEEPERS/VENTS & TIES AS PER O.B.C. W/ 1" AIR SPACE.
- PROVIDE MORTAR "RESURFAC" AT BOTTOM

**OR:**

- PRE-FINISHED SIDING/PANELING (SEE BUILDING ELEVATIONS)
- 1" (R-5) AIR-MOISTURE BARRIER (ALL TAPED JOINTS)
- 2x6" WOOD STUDS @ 16" O.C. W/ HORIZ. BLOCKING @ 3-1/2" O.C. MAX IF HEIGHT IS 9'-10" OR HIGHER
- R-32 (RSI 3.87) BATT INSULATION IN CAVITIES
- 6" MIL POLY VAPOR BARRIER W/ ALL JOINTS AND EDGES LAPPED AND SEALED W/ ACACOTICAL CAULK
- 1/2" GYPSUM BOARD W/ JOINTS TAPPED, MUDDED AND PRIMED ON INTERIOR

**TYPICAL INTERIOR WALL CONSTRUCTION (NON RATED):**

- 1/2" GYPSUM BOARD ON EACH SIDE
- 2x4" OR 2x6" WOOD STUDS @ 16" O.C. (2x4 WOOD STUDS INSTALLED ON THE FLAT USED BEHIND FRIDGES IN AREAS) (REFER TO DRAWINGS FOR STUD SIZES AND LOCATIONS)

**PROVIDE HORIZ. BLOCKING BTWN STUDS @ 3-1/2" O.C. MAX IF HEIGHT IS 9'-10" OR HIGHER.**

**PROVIDE HOLD 4" MOISTURE RESISTANT GYPSUM BOARD IN WASHROOMS & MECH. CLOSET.**

**PROVIDE CEMENT BOARD OR GREEN BOARD BACKING IN TUB/SHOWER AREAS.**

**TYPICAL 1 HOUR RATED INTERIOR WALL CONSTRUCTION:**

- PER O.B.C. 88-3, TEL. 7, ASSEMBLY # 440 - 1 HOUR FR. STC 54
- 5/8" GYPSUM BOARD TYPE X
- 2x4" OR 2x6" WOOD STUDS @ 16" O.C. (REFER TO DRAWINGS FOR STUD SIZES)
- 3 1/2" MINERAL WOOL SOAND INSULATION
- HORIZONTAL RESILIENT METAL CHANNELS @ 24" O.C.
- 1 LAYER 5/8" GYPSUM BOARD TYPE X

**PROVIDE HORIZ. BLOCKING BTWN STUDS @ 3-1/2" O.C. MAX IF HEIGHT IS 9'-10" OR HIGHER.**

**PROVIDE HOLD 4" MOISTURE RESISTANT GYPSUM BOARD IN WASHROOMS & MECH. CLOSET.**

**PROVIDE CEMENT BOARD OR GREEN BOARD BACKING IN TUB/SHOWER AREAS.**

**TYP. VENTILATED SLOPED ROOF W/ ATTIC CONSTRUCTION:**

- 35 YEAR ASPHALT SHINGLES
- 1/2" R-19 ROOFING FELT
- 1/2" R-19 PLYWOOD ROOF SHEATHING W/ 1" CLIPS AS REQ'D
- PRE-ENGINEERED WOOD ROOF TRUSSES @ 16" OR 24" O.C. (REFER TO ROOF TRUSS LAYOUT)
- R-40 BLOWN IN CELLULOSE INSULATION
- 6" MIL POLY VAPOR BARRIER W/ ALL JOINTS AND EDGES
- TAPPED AND SEALED W/ ACACOTICAL CAULK
- 1/3" WOOD STRAPPING @ 16" O.C. TO U/S OF W.D. TRUSSES
- 1 LAYER 5/8" GYPSUM BOARD W/ JOINTS TAPPED, MUDDED AND PRIMED ON INTERIOR

**TYP. NON-VENTILATED SLOPED ROOF CONSTRUCTION:**

- 35 YEAR ASPHALT SHINGLES
- 1/2" R-19 ROOFING FELT
- 1/2" R-19 PLYWOOD ROOF SHEATHING W/ 1" CLIPS AS REQ'D
- RIGID INSULATION BATTLES TO ENSURE CONTINUOUS VENTILATION ON SLOPED ROOF. ENSURE COMPATIBILITY WITH CLOSED CELL SPRAY FOAM INSUL.
- MINIMUM 5" (R-31) CONTINUOUS CLOSED CELL SPRAY FOAM INSULATION TO U/S OF PLYWOOD SHEATHING
- PRE-ENGINEERED WOOD ROOF TRUSSES @ 16" OR 24" O.C. (REFER TO ROOF TRUSS LAYOUT)
- 1/3" WOOD STRAPPING @ 16" O.C. TO U/S OF W.D. TRUSSES
- 1 LAYER 5/8" GYPSUM BOARD W/ JOINTS TAPPED, MUDDED AND PRIMED ON INTERIOR

**TYP. NON-VENTILATED LOW SLOPED ROOF CONSTRUCTION:**

- FULLY ADHERED EPDM ROOF MEMBRANE
- 1/2" R-19 PLYWOOD ROOF SHEATHING W/ 1" CLIPS AS REQ'D
- SHIMMED SLEEPERS TO ROOF SLOPE REFER TO ROOF PLAN
- MINIMUM 5" (R-31) CONTINUOUS CLOSED CELL SPRAY FOAM INSULATION TO U/S OF PLYWOOD SHEATHING
- PRE-ENGINEERED WOOD ROOF TRUSSES @ 16" OR 24" O.C. (REFER TO ROOF TRUSS LAYOUT)
- 1/3" WOOD STRAPPING @ 16" O.C. TO U/S OF W.D. TRUSSES
- PRE-FINISHED VENTED SOFFIT (VINYL OR METAL PER OWNER'S SELECTION)

**TYP. INSULATED REAR TERRACE FLOOR/ROOF ASSEMBLY CONSTRUCTION:**

- COMPOSITE DECKING ON R.T. WOOD FRAMING @ 1" O.C. (SHIMMED TO BE LEVEL)
- FULLY ADHERED EPDM ROOF MEMBRANE
- 3/4" TAG EXTERIOR GRADE PLYWOOD SHEATHING (GLUED & SCREWED)
- SHIMMED SLEEPERS TO ROOF SLOPE REFER TO ROOF PLAN
- 1 1/8" PRE-ENGINEERED OPEN WEB WOOD JOISTS (REFER TO LAYOUT FOR SPACING/BLOCKING)
- MINIMUM 5" (R-31) CONTINUOUS CLOSED CELL SPRAY FOAM INSULATION TO U/S OF PLYWOOD SHEATHING
- 1/3" WOOD STRAPPING @ 16" O.C.
- 1/2" GYPSUM BOARD CEILING W/ JOINTS TAPPED, MUDDED AND PRIMED

**MASONRY SUPPORT STEEL LINTEL SPAN TABLE:**

| SYMBOL | VERT. LEG    | HORIZ. LEG  | TH        | SPAN          |
|--------|--------------|-------------|-----------|---------------|
| L1     | 30 (3 1/2")  | 30 (3 1/2") | 6 (1/4")  | 2.30 (7'-7")  |
| L2     | 100 (4")     | 30 (3 1/2") | 6 (1/4")  | 2.48 (8'-2")  |
| L3     | 105 (4 1/8") | 30 (3 1/2") | 8 (5/16") | 3.08 (10'-2") |
| L4     | 105 (4 1/8") | 30 (3 1/2") | 10 (3/8") | 3.24 (10'-8") |

**NOTES:**

- LOOSE LAID MASONRY LINTELS SHALL HAVE A MINIMUM 50mm (6") BEARING AT EACH END.
- UNLESS OTHERWISE NOTED, ALL LINTELS IN ARCHWAYS OR OPENINGS (LESS THAN 8'-0" WIDE) IN LOADBEARING INT. OR EXT. WALLS ARE 2-2x6" WIDE & ARE SUPPORTED ON 2-2x6" POSTS.
- INTERCONNECTED FIRE ALARMS ARE TO BE PROVIDED AS PER O.B.C. CURRENT REGS.

IT IS THE RESPONSIBILITY OF THE APPROPRIATE CONTRACTOR TO CHECK AND VERIFY ALL DIMENSIONS ON SITE AND REPORT ALL ERRORS AND/OR OMISSIONS TO THE DESIGNER. ALL CONTRACTORS MUST COMPLY WITH ALL PERTINENT CODES AND BYLAWS. DO NOT SCALE DRAWINGS. THIS DRAWING MAY NOT BE USED FOR CONSTRUCTION UNTIL SIGNED AND DATED BY THE DESIGNER. COPYRIGHT RESERVED. THIS DRAWING IS THE EXCLUSIVE PROPERTY OF LANDMARX DESIGNS AND SHALL NOT BE USED WITHOUT THE DESIGNER'S CONSENT.

The undersigned has reviewed and undertaken the responsibilities for this design, and has the qualifications and meets the requirements set out in the Ontario Building Code

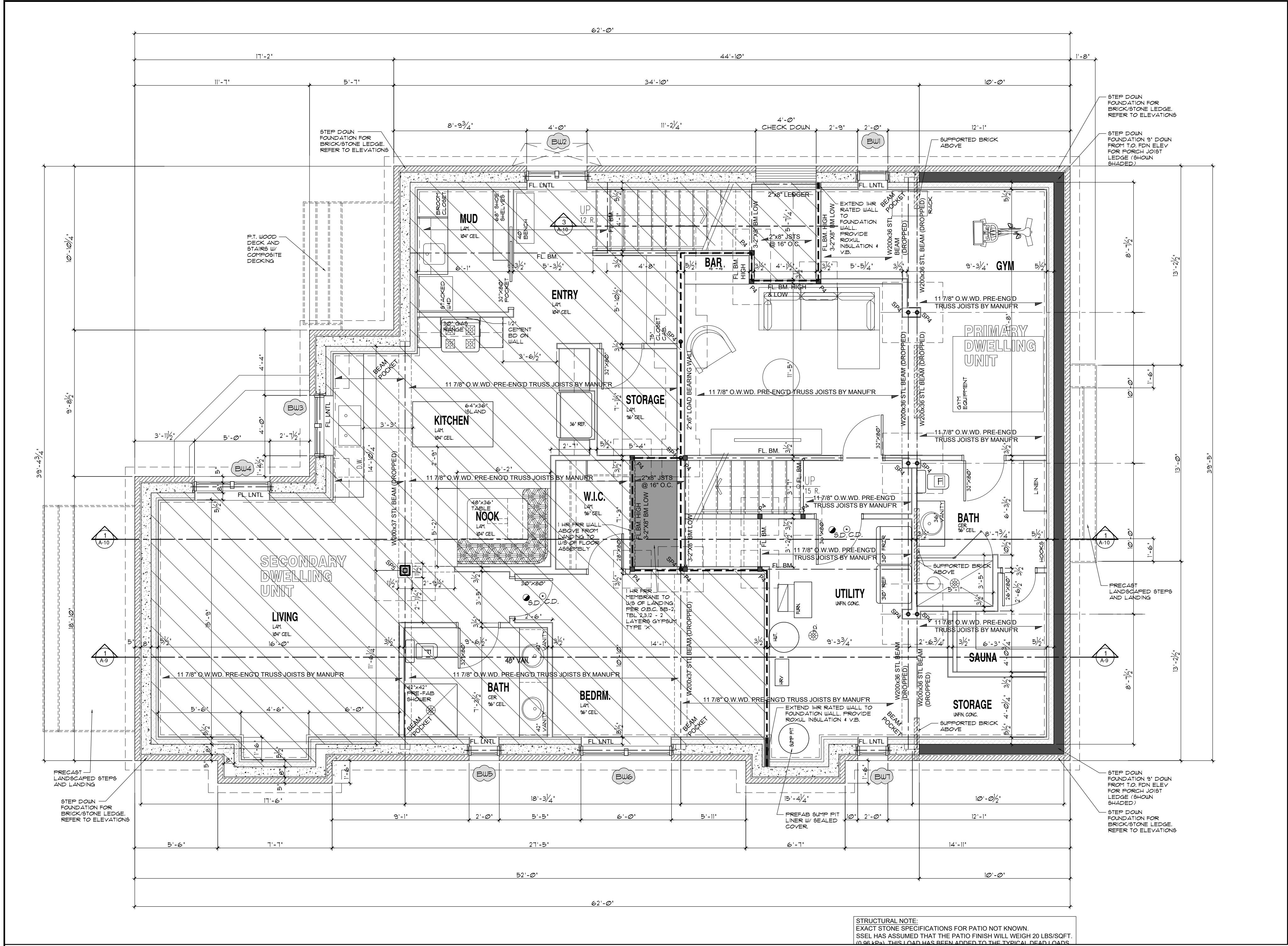
Qualification Information:  
Name: Mark Williams  
BCIN (ind'l): #28231  
BCIN (firm): #33592

Signature: *M. Williams* Date: DEC.19/25

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EMAIL: landmarxdesigns@gmail.com

| REVISIONS |                                       |
|-----------|---------------------------------------|
| 1         | ISSUED FOR REVIEW NOV/25              |
| 2         | ISSUED FOR CO-ORDINATION NOV/25       |
| 3         | ISSUED FOR CO-ORDINATION DEC/25       |
| 4         | ISSUED FOR CO-ORDINATION DEC/25       |
| 5         | ISSUED FOR BUILDING PERMIT DEC/25     |
| 6         | MINOR REVS FOR BUILDING PERMIT JAN/26 |
| 7         |                                       |
| 8         |                                       |
| 9         |                                       |
| 10        |                                       |

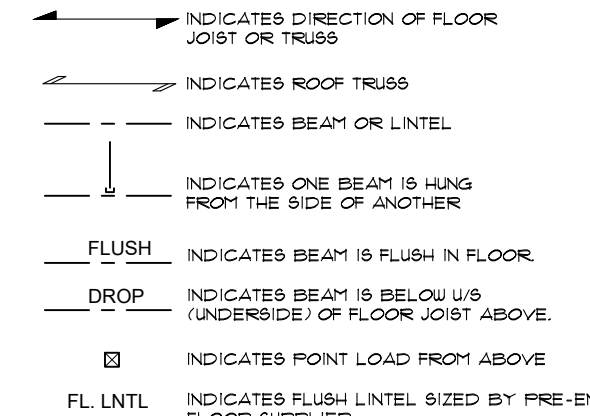
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|--------------------------------|--|----------------------|-----------------|
| PRUD'HOMME-FOSTER RESIDENCE    |  | ISSUE DATE: NOV 2025 | DRAWING NO. A-2 |
| 237 CLEMORE AVE., OTTAWA, ONT. |  | SCALE: 1/4"=1'-0"    |                 |
| DRAWING BY: M.W.               |  | PROJECT NO. 2316     |                 |



STRUCTURAL NOTE:  
EXACT STONE SPECIFICATIONS FOR PATIO NOT KNOWN.  
SSEL HAS ASSUMED THAT THE PATIO FINISH WILL WEIGH 20 LBS/SQFT.  
10 LBS/SQFT. THIS LOAD HAS BEEN ADDED TO THE TYPICAL DEAD LOADS.

- STEEL POSTS & FOOTINGS:
- SP1 - STEEL ADJUSTABLE POST MITEK BLACKJACK 2.5 MIN.
  - SP2 - STEEL ADJUSTABLE POST MITEK BLACKJACK 2.5 MIN.
  - SP3 - STEEL ADJUSTABLE POST MITEK BLACKJACK 3.0 MIN.
  - SP4 - STEEL ADJUSTABLE POST MITEK BLACKJACK 3.0 MIN.
  - SP5 - WELDED HSS POST A571 A500 GRADE C HSS 102x102x1.3

- WOOD POST:
- P1-3-2x6"
  - P2-4-2x6"
  - P3-5-2x6"
  - P4-4-2x4"
  - P5-6"x6" P.T.



- NOTES:
- WOOD LINTELS/POSTS AND BEAMS UNLESS OTHERWISE NOTED ALL LINTELS OVER NEW WINDOWS & DOORS IN EXT. LOADBEARING WALLS ARE TO BE 2-2x6 SPRUCE SUPPORTED ON ONE 2x6 JACK POST & END NAILED INTO ADJACENT STUD. UNLESS OTHERWISE NOTED ALL LINTELS IN ARCHWAYS OR OPENINGS (LESS THAN 6'-0" WIDE) IN LOADBEARING INT. OR EXT. WALLS ARE 2-2x10 & ARE SUPPORTED ON 2-2x6 POSTS.
  - BLOCK ALL POSTS AND ALL POINTLOADS FROM ABOVE SOLIDLY THRU BUILDING TO FOUNDATION WALL/FOOTING.
  - INTERCONNECTED FIRE ALARMS ARE TO BE PROVIDED AS PER O.B.C. CURRENT REGS.

MASONRY SUPPORT STEEL LINTEL SPAN TABLE:

| SYMBOL | VERT. LEG    | HORIZ. LEG | TH        | SPAN          |
|--------|--------------|------------|-----------|---------------|
| L1     | 30 (3/12)    | 30 (3/12)  | 6 (1/4")  | 2.30 (7'-7")  |
| L2     | 100 (4")     | 30 (3/12)  | 6 (1/4")  | 2.48 (8'-7")  |
| L3     | 105 (4 1/8") | 30 (3/12)  | 8 (5/8")  | 3.08 (10'-7") |
| L4     | 105 (4 1/8") | 30 (3/12)  | 10 (3/8") | 3.24 (10'-8") |

1) LOOSE LAID MASONRY LINTELS SHALL HAVE A MINIMUM 150mm (6") BEARING AT EACH END.  
3) ALL MASONRY LINTELS TO BE GALVANIZED STEEL.

- CONSTRUCTION LEGEND:
- FOOTINGS
- FOUNDED CONC. FOOTING ON UNDISTURBED SOIL. REFER TO A-1, FOUNDATION PLAN FOR SIZES & RE-BAR. REFER TO GENERAL NOTES. PROVIDE 6" MIN. CRUSHED STONE OVER FOOTING.
- TYPE CONCRETE BASEMENT SLAB CONSTRUCTION:
- FINISHED FLOORING W/ V.B.
  - 3/8" TAG OSB SHEATHING (GLUED & SCREWED)
  - 2" (R-10) RSI 1/6" MED. DENSITY RIGID INSULATION CONTINUOUS UNDER SLAB
  - 10 MIL POLY V.B.
  - COMPACTED CLEAN GRANULAR FILL ON UNDISTURBED SOIL OR BEDROCK.
- TYPE FLOOR ASSEMBLY CONSTRUCTION:
- FINISHED FLOORING
  - 1/2" GYPSUM BOARD TOPPING - NON-GROUND FLOOR ONLY. SEE SECTIONS/DETAILS
  - 3/8" TAG OSB SHEATHING (GLUED & SCREWED)
  - 1 1/8" PRE-ENGINEERED OPEN WEB WOOD JOISTS (REFER TO LAYOUT FOR SPACING/BLOCKING)
  - RESILIENT METAL CHANNELS @ 16" O.C.
  - LAYERS OF 1/2" GYPSUM TYPE X BOARD CEILING W/ JOINTS TAPPED, MUDDED AND PRIMED
  - 1/2" GYPSUM BOARD CEILING W/ JOINTS TAPPED, MUDDED AND PRIMED
- TYPE 1 HOUR FIRE RATED FLOOR ASSEMBLY CONSTRUCTION:
- PER O.B.C. SEC. 5.1, TEL. 7, ASSEMBLY # F34g - 1 HOUR FR, STC 63, I/C 36
  - FINISHED FLOORING
  - 1/2" GYPSUM BOARD TOPPING
  - 3/8" TAG OSB SHEATHING (GLUED & SCREWED)
  - 1 1/8" PRE-ENGINEERED OPEN WEB WOOD JOISTS (REFER TO LAYOUT FOR SPACING/BLOCKING)
  - RESILIENT METAL CHANNELS @ 16" O.C.
  - LAYERS OF 1/2" GYPSUM TYPE X BOARD CEILING W/ JOINTS TAPPED, MUDDED AND PRIMED
  - 1/2" GYPSUM BOARD CEILING W/ JOINTS TAPPED, MUDDED AND PRIMED
- TYPE INSULATED FRONT PORCH FLOOR ASSEMBLY CONSTRUCTION:
- 1/2" NATURAL STONE PAVING ON POLY MODIFIED THIN-BET MORTAR (SLOPE 1% AWARDS FRONT) - ENSURE COMPATIBILITY WITH EPDM MEMBRANE BELOW
  - FULLY ADHERED EPDM ROOF MEMBRANE
  - 1 1/8" TAG EXTERIOR GRADE FL. WOOD SHEATHING (GLUED & SCREWED)
  - 1 1/8" PRE-ENGINEERED OPEN WEB WOOD JOISTS (REFER TO LAYOUT FOR SPACING/BLOCKING)
  - MINIMUM 5" (R-31) CONTINUOUS CLOSED CELL SPRAY FOAM INSULATION TO U/S OF FL. WOOD SHEATHING
  - 1/3" WOOD STRAPPING @ 16" O.C.
  - 1/2" GYPSUM BOARD CEILING W/ JOINTS TAPPED, MUDDED AND PRIMED
- TYPE FOUNDATION WALL CONSTRUCTION:
- SYSTEM PLATON DRAINAGE LAYER SYSTEM GAE, 4 BUTYRUS DAMPPROOFING LAYERS
  - 3" THK. POURED CONC. FDN. WALL ON 18"x18" POURED CONC. STRIP FTNG. (REFER TO FDN. PLAN) PROVIDE 3" BRICK LEDGE AT TOP REFER TO DETAILS
  - 2-0"Y BAR HORIZ. TYP. AT TOP AND BOTTOM OF CONC. WALL. PROVIDE PROPER LAPS AND BENT CORNER BARS
  - 1/2" DIA. CONTINUOUS REEFING TILE AT FOOTING LEVEL AROUND HOUSE BASEMENT
  - 5/8" R-20 TYPE 2 EPS INSULATION PANELS W/ SHIMLAPPED JOINTS (STYRO RAIL BEFORE GAE, FROM TOP OF FOOTING TO U/S OF FLOOR JOISTS FOLLOW SUPPLIER'S INSTALLATION INSTRUCTIONS)
  - 6 MIL POLY V.B. ENSURE TIGHT TO UNDER SLAB V.B.
  - 1/3" WOOD STRAPPING @ 24" O.C.
  - 1/2" HOLD 4" MOISTURE RESISTANT DRYWALL TAPED & MUDDED ON INTERIOR FACE. (DRYWALL IS OPTIONAL, 1 AREA AS PER OWNER REQUEST)
- NOTE:
- ALL WOOD BUILT PLATES THAT COME IN CONTACT WITH CONC. SLAB TO BE PRESURE TREATED
  - TYPICAL CONCRETE STRENGTH IS TO BE 20 MPa AFTER 28 DAYS
- TYPE TYPICAL EXTERIOR WALL CONSTRUCTION:
- BRICK VENEER W/ LEAFERS/VENTS 7 TIES AS PER O.B.C. W/ 1 AIR SPACE
  - PROVIDE MORTAR RESISTANT AT BOTTOM
  - OR
  - PRE-FINISHED SIDING/PANELING (SEE BUILDING ELEVATIONS)
  - TYVEK AIR-MOISTURE BARRIER (ALL TAPED JOINTS)
  - 1/4" DIA. OSB SHEATHING
  - 2x6 WOOD STUDS @ 16" O.C. W/ HORIZ. BLOCKING @ 3'-11" O.C. MAX IF HEIGHT IS 9'-10" OR HIGHER
  - R-32 (RSI 3.81) BATT INSULATION IN CAVITIES
  - 6 MIL POLY VAPOR BARRIER W/ ALL JOINTS AND EDGES LAPPED AND SEALED W/ ACQUATICAL CAULK
  - 1/2" GYPSUM BOARD W/ JOINTS TAPPED, MUDDED AND PRIMED ON INTERIOR
- TYPE TYPICAL INTERIOR WALL CONSTRUCTION (NON RATED):
- 1/2" GYPSUM BOARD ON EACH SIDE
  - 3/4" OR 2x4 WOOD STUDS @ 16" O.C. (2x4 WOOD STUDS INSTALLED ON THE PLAT USED BEHIND FRIDGES IN AREAS) (REFER TO DRAWINGS FOR STUD SIZES AND LOCATIONS)
  - PROVIDE HORIZ. BLOCKING BTWN STUDS @ 3'-11" O.C. MAX IF HEIGHT IS 9'-10" OR HIGHER
  - PROVIDE HOLD 4" MOISTURE RESISTANT GYPSUM BOARD IN WASHROOMS & MECH. CLOSET
  - PROVIDE CEMENT BOARD OR GREEN BOARD BACKING IN TUB/SHOWER AREAS
- TYPE TYPICAL 1 HOUR RATED INTERIOR WALL CONSTRUCTION:
- PER O.B.C. SEC. 5.1, TEL. 7, ASSEMBLY # W46 - 1 HOUR FR, STC 54
  - 1/2" GYPSUM BOARD TYPE X
  - 3/4" OR 2x4 WOOD STUDS @ 16" O.C. (REFER TO DRAWINGS FOR STUD SIZES)
  - 1/2" MINERAL WOOL SOUND INSULATION
  - HORIZONTAL RESILIENT METAL CHANNELS @ 24" O.C.
  - LAYERS OF 1/2" GYPSUM BOARD TYPE X
  - PROVIDE HORIZ. BLOCKING BTWN STUDS @ 3'-11" O.C. MAX IF HEIGHT IS 9'-10" OR HIGHER
  - PROVIDE HOLD 4" MOISTURE RESISTANT GYPSUM BOARD IN WASHROOMS & MECH. CLOSET
  - PROVIDE CEMENT BOARD OR GREEN BOARD BACKING IN TUB/SHOWER AREAS
- TYPE VENTILATED SLOPED ROOF W/ ATTIC CONSTRUCTION:
- 35 YEAR ASPHALT SHINGLES
  - 1/2" ROOFING FELT
  - 1/2" FIR PL. WOOD ROOF SHEATHING W/ 1/4" CLIPS AS REQ'D
  - PRE-ENGINEERED WOOD ROOF TRUSSES @ 16" OR 24" O.C. (REFER TO ROOF TRUSS LAYOUT)
  - MIN. R-40 BLOWN IN CELLULOSE INSULATION
  - 6 MIL POLY VAPOR BARRIER W/ ALL JOINTS AND EDGES
  - TAPPED AND SEALED W/ ACQUATICAL CAULK
  - 1/3" WOOD STRAPPING @ 16" O.C. TO U/S OF W.D. TRUSSES
  - LAYER 1/2" GYPSUM BOARD W/ JOINTS TAPPED, MUDDED AND PRIMED ON INTERIOR
- TYPE NON-VENTILATED SLOPED ROOF CONSTRUCTION:
- 35 YEAR ASPHALT SHINGLES
  - 1/2" ROOFING FELT
  - 1/2" FIR PL. WOOD ROOF SHEATHING W/ 1/4" CLIPS AS REQ'D
  - RIGID INSULATION BATTLES TO ENSURE CONTINUOUS VENTILATION ON SLOPED ROOF. ENSURE COMPATIBILITY WITH CLOSED CELL SPRAY FOAM INSUL.
  - MINIMUM 5" (R-31) CONTINUOUS CLOSED CELL SPRAY FOAM INSULATION TO U/S OF PL. WOOD SHEATHING
  - PRE-ENGINEERED WOOD ROOF TRUSSES @ 16" OR 24" O.C. (REFER TO ROOF TRUSS LAYOUT)
  - 1/3" WOOD STRAPPING @ 16" O.C. TO U/S OF W.D. TRUSSES
  - LAYER 1/2" GYPSUM BOARD W/ JOINTS TAPPED, MUDDED AND PRIMED ON INTERIOR
- TYPE NON-VENTILATED LOW SLOPED ROOF CONSTRUCTION:
- FULLY ADHERED EPDM ROOF MEMBRANE
  - 1/2" FIR PL. WOOD ROOF SHEATHING W/ 1/4" CLIPS AS REQ'D
  - SHIMMED SLEEPERS TO FORM SLOPE. REFER TO ROOF PLAN
  - MINIMUM 5" (R-31) CONTINUOUS CLOSED CELL SPRAY FOAM INSULATION TO U/S OF PL. WOOD SHEATHING
  - PRE-ENGINEERED WOOD ROOF TRUSSES @ 16" OR 24" O.C. (REFER TO ROOF TRUSS LAYOUT)
  - 1/3" WOOD STRAPPING @ 16" O.C. TO U/S OF W.D. TRUSSES
  - LAYER 1/2" GYPSUM BOARD W/ JOINTS TAPPED, MUDDED AND PRIMED ON INTERIOR
- TYPE VENTILATED SLOPED PORCH ROOF CONSTRUCTION:
- 35 YEAR ASPHALT SHINGLES
  - 1/2" ROOFING FELT
  - 1/2" FIR PL. WOOD ROOF SHEATHING W/ 1/4" CLIPS AS REQ'D
  - PRE-ENGINEERED WOOD ROOF TRUSSES @ 16" OR 24" O.C. (REFER TO ROOF TRUSS LAYOUT)
  - WOOD STRAPPING @ 16" O.C. TO U/S OF W.D. TRUSSES
  - PRE-FINISHED VENTED SOFFIT (VINYL OR METAL PER OWNER'S SELECTION)
- TYPE INSULATED REAR TERRACE FLOOR/ROOF ASSEMBLY CONSTRUCTION:
- COMPOSITE DECKING ON RT. WOOD FRAMING AT 12" O.C. (SHIMMED TO BE LEVEL)
  - FULLY ADHERED EPDM ROOF MEMBRANE
  - 3/4" TAG EXTERIOR GRADE FL. WOOD SHEATHING (GLUED & SCREWED)
  - SHIMMED SLEEPERS TO FORM SLOPE. REFER TO FDN. PLAN
  - 1 1/8" PRE-ENGINEERED OPEN WEB WOOD JOISTS (REFER TO LAYOUT FOR SPACING/BLOCKING)
  - MINIMUM 5" (R-31) CONTINUOUS CLOSED CELL SPRAY FOAM INSULATION TO U/S OF PL. WOOD SHEATHING
  - 1/3" WOOD STRAPPING @ 16" O.C.
  - 1/2" GYPSUM BOARD CEILING W/ JOINTS TAPPED, MUDDED AND PRIMED

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The undersigned has reviewed and undertaken the responsibilities for this design, and has the qualifications and meets the requirements set out in the Ontario Building Code.

Signature: *Mark Williams* Date: DEC. 19'25

Qualification Information:  
Name: Mark Williams  
BCIN (ind): #28231  
BCIN (firm): #33592

**LANDMARX**  
DESIGN SERVICES  
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EMAIL: landmarxdesigns@gmail.com

REVISIONS

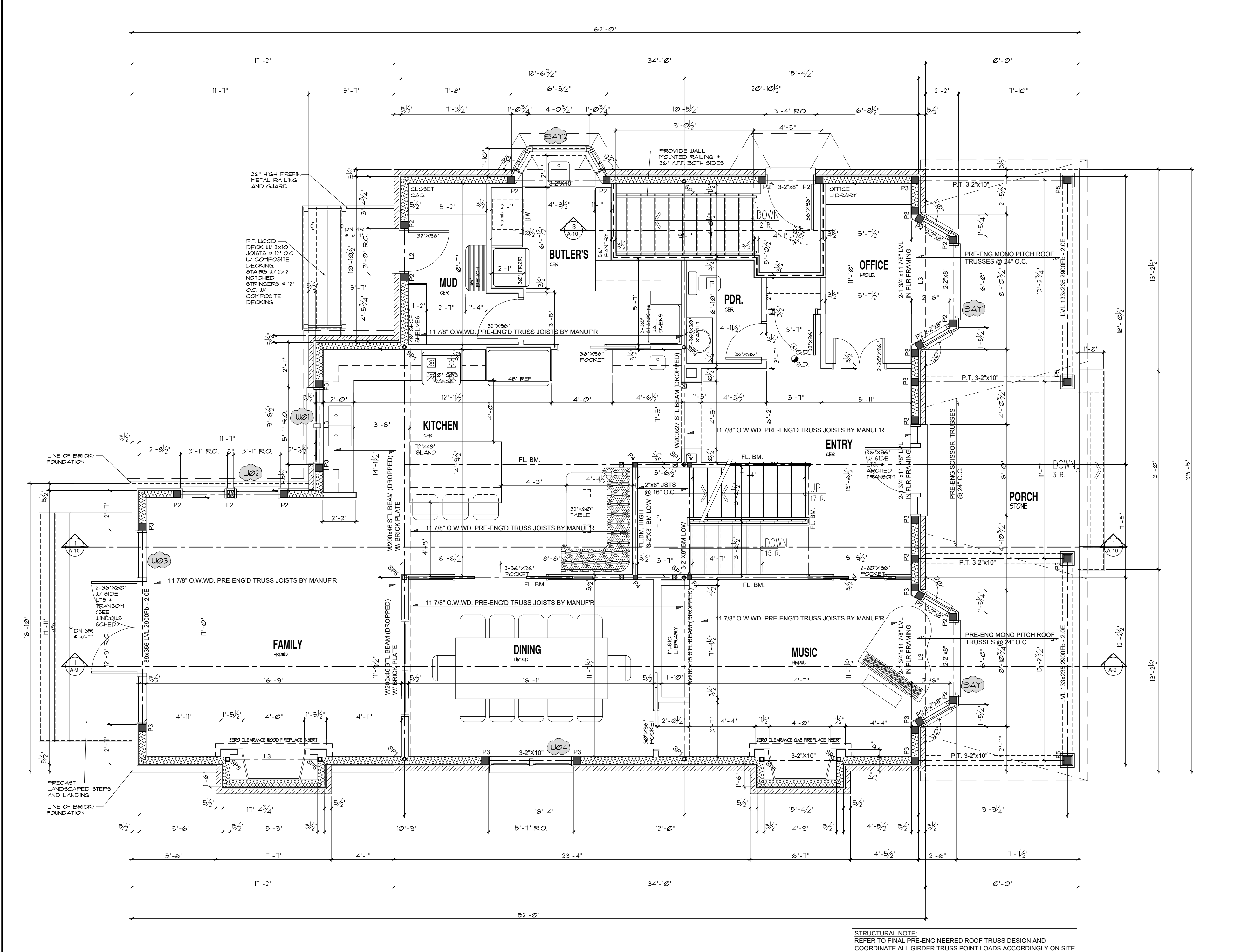
| NO. | DESCRIPTION                    | DATE   |
|-----|--------------------------------|--------|
| 1   | ISSUED FOR REVIEW              | NOV'25 |
| 2   | ISSUED FOR CO-ORDINATION       | NOV'25 |
| 3   | ISSUED FOR CO-ORDINATION       | DEC'25 |
| 4   | ISSUED FOR CO-ORDINATION       | DEC'25 |
| 5   | ISSUED FOR BUILDING PERMIT     | DEC'25 |
| 6   | MINOR REVS FOR BUILDING PERMIT | JAN'26 |
| 7   |                                |        |
| 8   |                                |        |
| 9   |                                |        |
| 10  |                                |        |

PROJECT: PRUD'HOMME-FOSTER RESIDENCE  
237 CLEWOW AVE., OTTAWA, ONT.

ISSUE DATE: NOV 2025  
SCALE: 1/4"=1'-0"

DRAWN BY: M.W.  
PROJECT NO: 2316

DRAWING NO. A-3



STEEL POSTS & FOOTINGS:

- SP1 - STEEL ADJUSTABLE POST MITEK BLACKJACK 2.5 MIN.
- SP2 - STEEL ADJUSTABLE POST MITEK BLACKJACK 2.5 MIN.
- SP3 - STEEL ADJUSTABLE POST MITEK BLACKJACK 3.0 MIN.
- SP4 - STEEL ADJUSTABLE POST MITEK BLACKJACK 3.0 MIN.
- SP5 - WELDED HSS POST A57M A500 GRADE C HSS 102x102x13

WOOD POST:

- P1-3-2"x6"
- P2-4-2"x6"
- P3-5-2"x6"
- P4-4-2"x4"
- P5-6"x6" P.T.

- INDICATES DIRECTION OF FLOOR JOIST OR TRUSS
- INDICATES ROOF TRUSS
- INDICATES BEAM OR LINTEL
- INDICATES ONE BEAM IS HANG FROM THE SIDE OF ANOTHER
- INDICATES BEAM IS FLUSH IN FLOOR
- INDICATES BEAM IS BELOW US (UNDERSIDE) OF FLOOR JOIST ABOVE
- INDICATES FLOOR LOAD FROM ABOVE
- FL LINTL INDICATES FLOOR LINTEL SIZED BY PRE-ENG FLOOR SUPPLIER

NOTES:

- WOOD LINTELS/POSTS AND BEAMS UNLESS OTHERWISE NOTED ALL LINTELS OVER NEW WINDOWS & DOORS IN EXT. LOADBEARING WALLS ARE TO BE 2-2x6 SPRUCE SUPPORTED ON ONE 2x6 JACK POST & END NAILED INTO ADJACENT STUD. UNLESS OTHERWISE NOTED ALL LINTELS IN ARCHWAYS OR OPENINGS (LESS THAN 6'-0" WIDE) IN LOADBEARING INT. OR EXT. WALLS ARE 2-2x10 & ARE SUPPORTED ON 2-2x6 POSTS.
- BLOCK ALL POSTS AND ALL POINTLOADS FROM ABOVE SOLIDLY THRU BUILDING TO FOUNDATION WALL/FOOTING.
- INTERCONNECTED FIRE ALARMS ARE TO BE PROVIDED AS PER O.B.C. CURRENT REGS.

MASONRY SUPPORT STEEL LINTEL SPAN TABLE:

| SYMBOL | VERT. LEG  | HORIZ. LEG | TH        | SPAN          |
|--------|------------|------------|-----------|---------------|
| L1     | 30 (3.12)  | 30 (3.12)  | 6 (1/4")  | 3.00 (7'-7")  |
| L2     | 100 (4")   | 30 (3.12)  | 6 (1/4")  | 2.48 (8'-7")  |
| L3     | 125 (4.18) | 30 (3.12)  | 8 (5/8")  | 3.08 (10'-7") |
| L4     | 125 (4.18) | 30 (3.12)  | 10 (3/8") | 3.24 (10'-8") |

- LOOSE LAID MASONRY LINTELS SHALL HAVE A MINIMUM 150mm (6") BEARING AT EACH END.
- ALL MASONRY LINTELS TO BE LONG LEG VERTICAL.
- ALL MASONRY LINTELS TO BE GALVANIZED STEEL.

CONSTRUCTION LEGEND:

FOOTINGS

- FOURED CONC. FOOTING ON UNDISTURBED SOIL. REFER TO A-2, FOUNDATION PLAN FOR SIZES & RE-BAR. PROVIDE 6" MIN. CRUSHED STONE OVER FOOTING.
- TYP. CONCRETE BASEMENT SLAB CONSTRUCTION:
  - FINISHED FLOORING
  - 1 1/2" GYPSUM BOARD TOPPING - NON-GROUND FLOOR ONLY. SEE SECTIONS/DETAILS
  - 5/8" T&G OSB SHEATHING (GLUED & SCREWED)
  - 1 1/8" PRE-ENGINEERED OPEN WEB WOOD JOISTS (REFER TO LAYOUT FOR SPACING/BLOCKING)
  - 1/3" WOOD STRAPPING @ 16" O.C.
  - 1/2" GYPSUM BOARD CEILING w/ JOINTS TAPPED, MUDDED AND PRIMED

FLOORS

- TYP. FLOOR ASSEMBLY CONSTRUCTION:
  - FINISHED FLOORING
  - 1 1/2" GYPSUM BOARD TOPPING - NON-GROUND FLOOR ONLY. SEE SECTIONS/DETAILS
  - 5/8" T&G OSB SHEATHING (GLUED & SCREWED)
  - 1 1/8" PRE-ENGINEERED OPEN WEB WOOD JOISTS (REFER TO LAYOUT FOR SPACING/BLOCKING)
  - 1/3" WOOD STRAPPING @ 16" O.C.
  - 1/2" GYPSUM BOARD CEILING w/ JOINTS TAPPED, MUDDED AND PRIMED

ROOFS

- TYP. 1 HOUR FIRE RATED FLOOR ASSEMBLY CONSTRUCTION:
  - PER O.B.C. SEC. 5.3, TEL. 7, ASSEMBLY # F34g - 1 HOUR FRFR, STC 63, IIC 36
  - FINISHED FLOORING
  - 1 1/2" GYPSUM BOARD TOPPING
  - 5/8" T&G OSB SHEATHING (GLUED & SCREWED)
  - 1 1/8" PRE-ENGINEERED OPEN WEB WOOD JOISTS (REFER TO LAYOUT FOR SPACING/BLOCKING)
  - RESILIENT METAL CHANNELS @ 16" O.C.
  - 1 LAYER 5/8" GYPSUM BOARD w/ JOINTS TAPPED, MUDDED AND PRIMED
  - 1 DRYWALL TO RUN CONTINUOUS OVER ALL NON RATED WALL TOP PLATES

WALLS

- TYP. INSULATED FRONT PORCH FLOOR ASSEMBLY CONSTRUCTION:
  - 1 1/2" NATURAL STONE PAVING ON POLY MODIFIED THIN-BET PORTLAND (SLOPE 1% SLOPED FRONT) - ENSURE COMPATIBILITY WITH EPDM MEMBRANE BELOW
  - FULLY ADHERED EPDM ROOF MEMBRANE
  - 1 1/4" EXTERIOR GRADE PL WOOD SHEATHING (GLUED & SCREWED)
  - MINIMUM 5" (R-31) CONTINUOUS CLOSED CELL SPRAY FOAM INSULATION TO U/S OF PL WOOD SHEATHING
  - 1/3" WOOD STRAPPING @ 16" O.C.
  - 1/2" GYPSUM BOARD CEILING w/ JOINTS TAPPED, MUDDED AND PRIMED

FOUNDATIONS

- TYP. FOUNDATION WALL CONSTRUCTION:
  - SYSTEM PLATON DRAINAGE LAYER SYSTEM GAE & BUTYNOL DAMPPROOFING LAYER
  - 3" THK. POURED CONC. FDN WALL ON 18"x10" POURED CONC. STRIP FTNG. (REFER TO FDN PLAN) PROVIDE 3" BRICK LEDGE AT TOP REFER TO DETAILS
  - 2-0M BAR HORIZ. TYP. AT TOP AND BOTTOM OF CONC. WALL. PROVIDE PROPER LAPS AND BENT CORNER BARS
  - 1/4" DIA. CONTINUOUS REINFORCING TIE AT FOOTING LEVEL AROUND HOUSE BASEMENT
  - 5/8" X 20" TYPE 2 ERS INSULATION PANELS W/ SHIMLAPPED JOINTS (STYNO RAIL SUPPLIER'S INSTALLATION INSTRUCTIONS)
  - 6 MIL POLY V.B. ENSURE TO SEAL TO UNDER SLAB V.B.
  - 1/3" WOOD STRAPPING @ 16" O.C.
  - 1/2" GYPSUM BOARD CEILING w/ JOINTS TAPPED, MUDDED AND PRIMED
  - DRYWALL IS OPTIONAL, 1 AREAS AS PER OWNER REQUEST

ROOFS

- ALL WOOD GILL PLATES THAT COME IN CONTACT WITH CONC. SLABS TO BE PRESURE TREATED
- TYPICAL CONCRETE STRENGTH IS TO BE 20 MPa AFTER 28 DAYS

WALLS

- TYPICAL EXTERIOR WALL CONSTRUCTION:
  - BRICK VENEER W/ WEEPERS/VENTS 4 TIMES AS PER O.B.C. w/ 1 AIR SPACE. PROVIDE PORTLAND CEMENT MORTAR AT BOTTOM
  - OR
  - PREFINISHED SIDING/PANELING (SEE BUILDING ELEVATIONS)
  - 1/4" DIA. OSB SHEATHING
  - 2x6 WOOD STUDS @ 16" O.C. w/ HORIZ. BLOCKING @ 3'-11" O.C. MAX IF HEIGHT IS 9'-10" OR HIGHER
  - R-22 (RSI 3.81) BATT INSULATION IN CAVITIES
  - 6 MIL POLY VAPOUR BARRIER w/ ALL JOINTS AND EDGES LAPPED AND SEALED w/ ACQUATICAL CAULK
  - 1/2" GYPSUM BOARD w/ JOINTS TAPPED, MUDDED AND PRIMED ON INTERIOR

WALLS

- TYPICAL INTERIOR WALL CONSTRUCTION (NON RATED):
  - 1/2" GYPSUM BOARD ON EACH SIDE
  - 2x4 OR 2x6 WOOD STUDS @ 16" O.C. (2x4 WOOD STUDS INSTALLED ON THE FLAT USED BEHIND FRIDGES IN AREAS) (REFER TO DRAWINGS FOR STUD SIZES AND LOCATIONS)

WALLS

- PROVIDE HORIZ. BLOCKING BTWN STUDS @ 3'-11" O.C. MAX IF HEIGHT IS 9'-10" OR HIGHER
- PROVIDE HOLD & MOISTURE RESISTANT GYPSUM BOARD IN WASHROOMS & MECH. CLOSET
- PROVIDE CEMENT BOARD OR GREEN BOARD BACKING IN TUB/SHOWER AREAS

ROOFS

- TYPICAL 1 HOUR RATED INTERIOR WALL CONSTRUCTION:
  - PER O.B.C. SEC. 5.3, TEL. 7, ASSEMBLY # U46 - 1 HOUR FRFR, STC 54
  - 1 1/2" GYPSUM BOARD TOPPING
  - 5/8" T&G OSB SHEATHING (GLUED & SCREWED)
  - 1 1/8" PRE-ENGINEERED OPEN WEB WOOD JOISTS (REFER TO LAYOUT FOR SPACING/BLOCKING)
  - 1/3" WOOD STRAPPING @ 16" O.C. TO U/S OF W.D. TRUSSES
  - 1 LAYER 5/8" GYPSUM BOARD w/ JOINTS TAPPED, MUDDED AND PRIMED ON INTERIOR

ROOFS

- PROVIDE HORIZ. BLOCKING BTWN STUDS @ 3'-11" O.C. MAX IF HEIGHT IS 9'-10" OR HIGHER
- PROVIDE HOLD & MOISTURE RESISTANT GYPSUM BOARD IN WASHROOMS & MECH. CLOSET
- PROVIDE CEMENT BOARD OR GREEN BOARD BACKING IN TUB/SHOWER AREAS

ROOFS

- TYP. VENTILATED SLOPED ROOF w/ ATTIC CONSTRUCTION:
  - 35 YEAR ASPHALT SHINGLES
  - 15/6 ROOFING FELT
  - 1/2" FIR PL WOOD ROOF SHEATHING w/ 1" CLIPS AS REQ'D
  - PRE-ENGINEERED WOOD ROOF TRUSSES @ 16" OR 24" O.C. (REFER TO ROOF TRUSS LAYOUT)
  - MIN. R-40 BLOWN CELLULOSE INSULATION
  - 6 MIL POLY VAPOUR BARRIER w/ ALL JOINTS AND EDGES LAPPED AND SEALED w/ ACQUATICAL CAULK
  - 1/3" WOOD STRAPPING @ 16" O.C. TO U/S OF W.D. TRUSSES
  - 1 LAYER 5/8" GYPSUM BOARD w/ JOINTS TAPPED, MUDDED AND PRIMED ON INTERIOR

ROOFS

- TYP. NON-VENTILATED SLOPED ROOF CONSTRUCTION:
  - 35 YEAR ASPHALT SHINGLES
  - 15/6 ROOFING FELT
  - 1/2" FIR PL WOOD ROOF SHEATHING w/ 1" CLIPS AS REQ'D
  - RIGID INSULATION BARRIER TO ENSURE CONTINUOUS VENTILATION ON SLOPED ROOF. ENSURE COMPATIBILITY WITH CLOSED CELL SPRAY FOAM INSUL.
  - MINIMUM 5" (R-31) CONTINUOUS CLOSED CELL SPRAY FOAM INSULATION TO U/S OF PL WOOD SHEATHING
  - PRE-ENGINEERED WOOD ROOF TRUSSES @ 16" OR 24" O.C. (REFER TO ROOF TRUSS LAYOUT)
  - 1/3" WOOD STRAPPING @ 16" O.C. TO U/S OF W.D. TRUSSES
  - 1 LAYER 5/8" GYPSUM BOARD w/ JOINTS TAPPED, MUDDED AND PRIMED ON INTERIOR

ROOFS

- TYP. NON-VENTILATED LOW SLOPED ROOF CONSTRUCTION:
  - FULLY ADHERED EPDM ROOF MEMBRANE
  - 1/2" FIR PL WOOD ROOF SHEATHING w/ 1" CLIPS AS REQ'D
  - SHIMMED SLEEPERS TO FORM SLOPE. REFER TO ROOF PLAN
  - MINIMUM 5" (R-31) CONTINUOUS CLOSED CELL SPRAY FOAM INSULATION TO U/S OF PL WOOD SHEATHING
  - PRE-ENGINEERED WOOD ROOF TRUSSES @ 16" OR 24" O.C. (REFER TO ROOF TRUSS LAYOUT)
  - 1/3" WOOD STRAPPING @ 16" O.C. TO U/S OF W.D. TRUSSES
  - PRE-FINISHED VENTED SOFFIT (VINYL OR METAL PER OWNER'S SELECTION)

ROOFS

- TYP. VENTILATED SLOPED PORCH ROOF CONSTRUCTION:
  - 35 YEAR ASPHALT SHINGLES
  - 15/6 ROOFING FELT
  - 1/2" FIR PL WOOD ROOF SHEATHING w/ 1" CLIPS AS REQ'D
  - PRE-ENGINEERED WOOD ROOF TRUSSES @ 16" OR 24" O.C. (REFER TO ROOF TRUSS LAYOUT)
  - WOOD STRAPPING @ 16" O.C. TO U/S OF W.D. TRUSSES
  - PRE-FINISHED VENTED SOFFIT (VINYL OR METAL PER OWNER'S SELECTION)

ROOFS

- TYP. INSULATED REAR TERRACE FLOOR/ROOF ASSEMBLY CONSTRUCTION:
  - COMPOSITE DECKING ON RT. WOOD FRAMING AT 16" O.C. (SHIMMED TO BE LEVEL)
  - FULLY ADHERED EPDM ROOF MEMBRANE
  - 3/4" T&G EXTERIOR GRADE PL WOOD SHEATHING (GLUED & SCREWED)
  - SHIMMED SLEEPERS TO FORM SLOPE. REFER TO ROOF PLAN
  - 1 1/8" PRE-ENGINEERED OPEN WEB WOOD JOISTS (REFER TO LAYOUT FOR SPACING/BLOCKING)
  - MINIMUM 5" (R-31) CONTINUOUS CLOSED CELL SPRAY FOAM INSULATION TO U/S OF PL WOOD SHEATHING
  - 1/3" WOOD STRAPPING @ 16" O.C.
  - 1/2" GYPSUM BOARD CEILING w/ JOINTS TAPPED, MUDDED AND PRIMED

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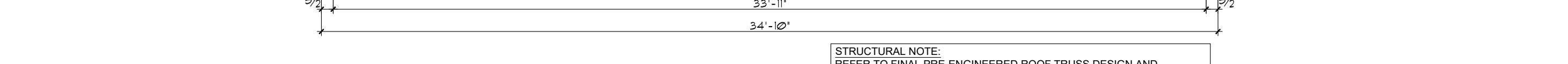
Signature: *Mark Williams* Date: DEC.19'25

Qualification Information:  
Name: Mark Williams  
BCIN (ind): #28231  
BCIN (firm): #33592

**LANDMARX**  
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EMAIL: landmarxdesigns@gmail.com

| REVISIONS |                                       |
|-----------|---------------------------------------|
| 1         | ISSUED FOR REVIEW NOV'25              |
| 2         | ISSUED FOR CO-ORDINATION NOV'25       |
| 3         | ISSUED FOR CO-ORDINATION DEC'25       |
| 4         | ISSUED FOR CO-ORDINATION DEC'25       |
| 5         | ISSUED FOR BUILDING PERMIT DEC'25     |
| 6         | MINOR REVS FOR BUILDING PERMIT JAN'26 |
| 7         |                                       |
| 8         |                                       |
| 9         |                                       |
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|                                                                                         |  |                                |                           |
|-----------------------------------------------------------------------------------------|--|--------------------------------|---------------------------|
| PROJECT:<br><b>PRUD'HOMME-FOSTER<br/>RESIDENCE</b><br>237 CLEMORE AVE.,<br>OTTAWA, ONT. |  | ISSUE DATE:<br><b>NOV 2025</b> | DRAWING NO.<br><b>A-4</b> |
| DRAWING:<br>GROUND FLOOR PLAN                                                           |  | SCALE<br>1/4"=1'-0"            |                           |
| DRAWN BY<br>M.W.                                                                        |  | PROJECT NO.<br>2316            |                           |



**NOTES:**

- 1) WOOD LINTELS/POSTS AND BEAMS)  
UNLESS OTHERWISE NOTED ALL LINTELS OVER NEW WINDOWS & DOORS IN EXT. LOADBEARING WALLS ARE TO BE 2"x10" SPRUCE SUPPORTED ON ONE 2x6 JOIST END NAIL ENDED INTO ADJACENT STUD.  
UNLESS OTHERWISE NOTED ALL LINTELS IN ARCHWAYS OR OPENINGS (LESS THAN 6'-0" WIDE) IN LOADBEARING INT. OR EXT. WALLS ARE 2"x10" & ARE SUPPORTED ON 2"x6 POSTS.
- 2) BLOCK ALL POSTS AND ALL POINTLOADS FROM ABOVE SOLIDLY THRU BUILDING TO FOUNDATION WALL/FOOTING.
- 3) INTERCONNECTED FIRE ALARMS ARE TO BE PROVIDED AS PER O.B.C. CURRENT REQ'S.

- 1) LOOSE LAID MASONRY LINTELS SHALL HAVE A MINIMUM 150mm (6") BEARING AT EACH END.
- 2) ALL MASONRY LINTELS TO BE LONG LEG VERTICAL.
- 3) ALL MASONRY LINTELS TO BE GALVANIZED STEEL.

---

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DO NOT SCALE DRAWINGS.

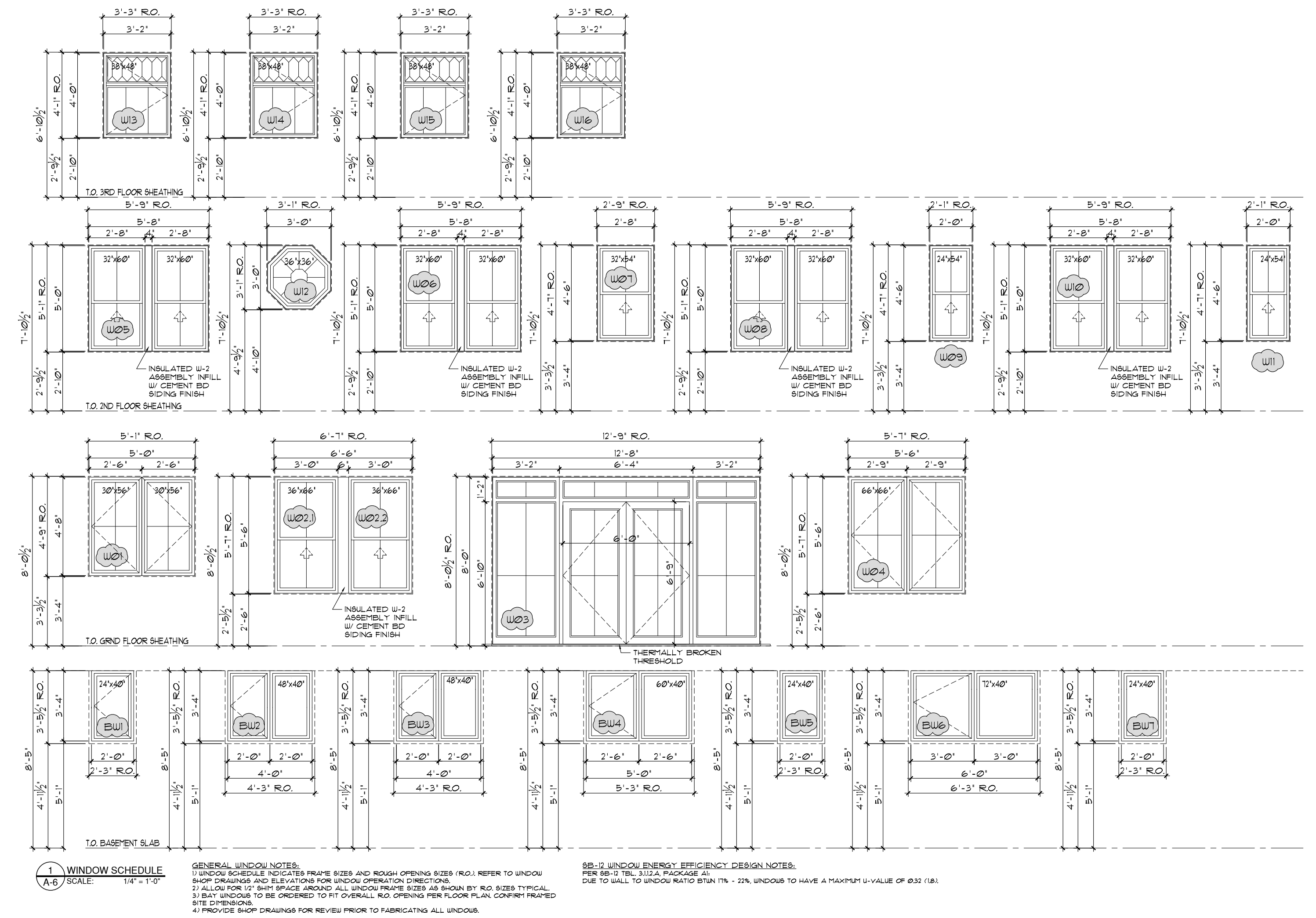
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Signature: Mukherjee

Date: DEC.19'25

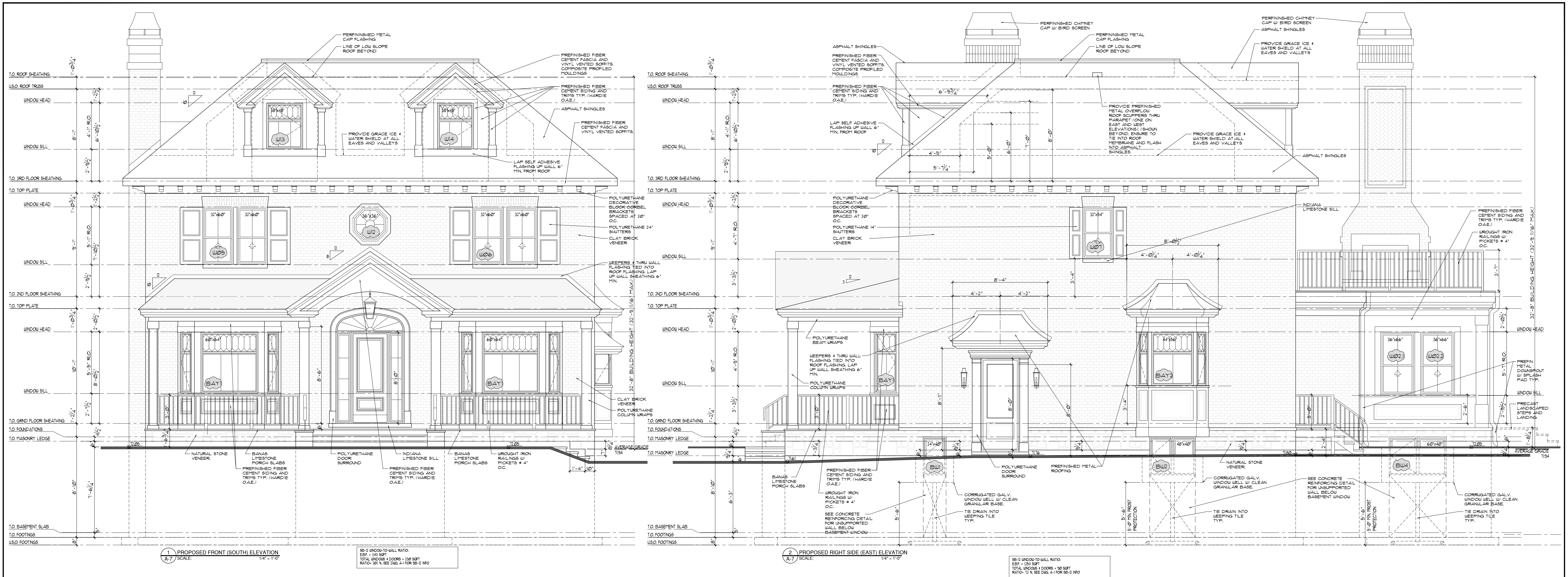
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**A-5**



DRAWING NO.

**A-6**



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The undersigned has reviewed and undertaken the responsibilities for this design, and has the qualifications and meets the requirements set out in the Ontario Building Code

Signature: *Mark Williams*

Qualification Information:

Name: Mark Williams  
BCIN (ind): #28231  
BCIN (firm): #33592

Date: DEC.19'25

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| REVISIONS |                                |
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| 9         |                                |
| 10        |                                |

PROJECT: PRUD'HOMME-FOSTER RESIDENCE  
237 CLEMORE AVE., OTTAWA, ONT.

DRAWING: BUILDING ELEVATIONS

ISSUE DATE: NOV 2025

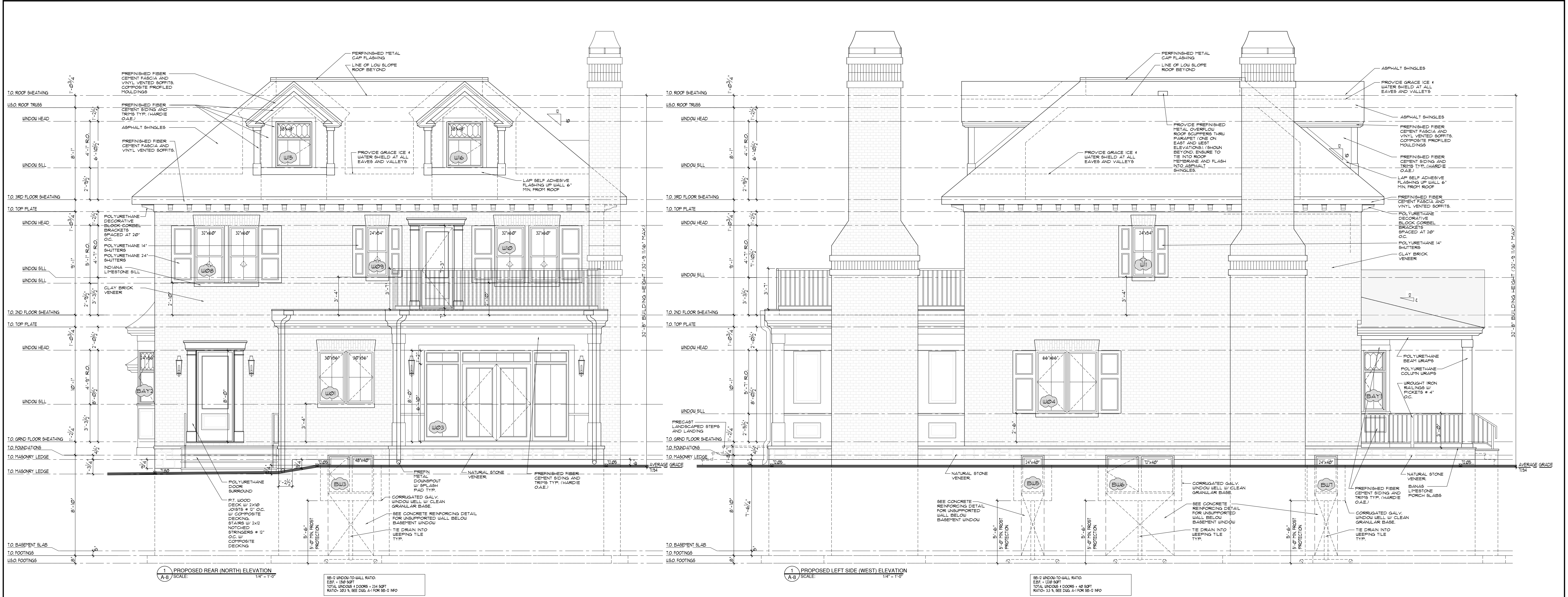
SCALE: 1/4"=1'-0"

DRAWN BY: M.W.

PROJECT NO. 2316

DRAWING NO.

A-7



IT IS THE RESPONSIBILITY OF THE APPROPRIATE CONTRACTOR TO CHECK AND VERIFY ALL DIMENSIONS ON SITE AND REPORT ALL ERRORS AND/OR OMISSIONS TO THE DESIGNER. ALL CONTRACTORS MUST COMPLY WITH ALL PERTINENT CODES AND BYLAWS. DO NOT SCALE DRAWINGS. THIS DRAWING MAY NOT BE USED FOR CONSTRUCTION UNTIL SIGNED AND DATED BY THE DESIGNER. COPYRIGHT RESERVED. THIS DRAWING IS THE EXCLUSIVE PROPERTY OF LANDMARK DESIGNS AND SHALL NOT BE USED WITHOUT THE DESIGNER'S CONSENT.

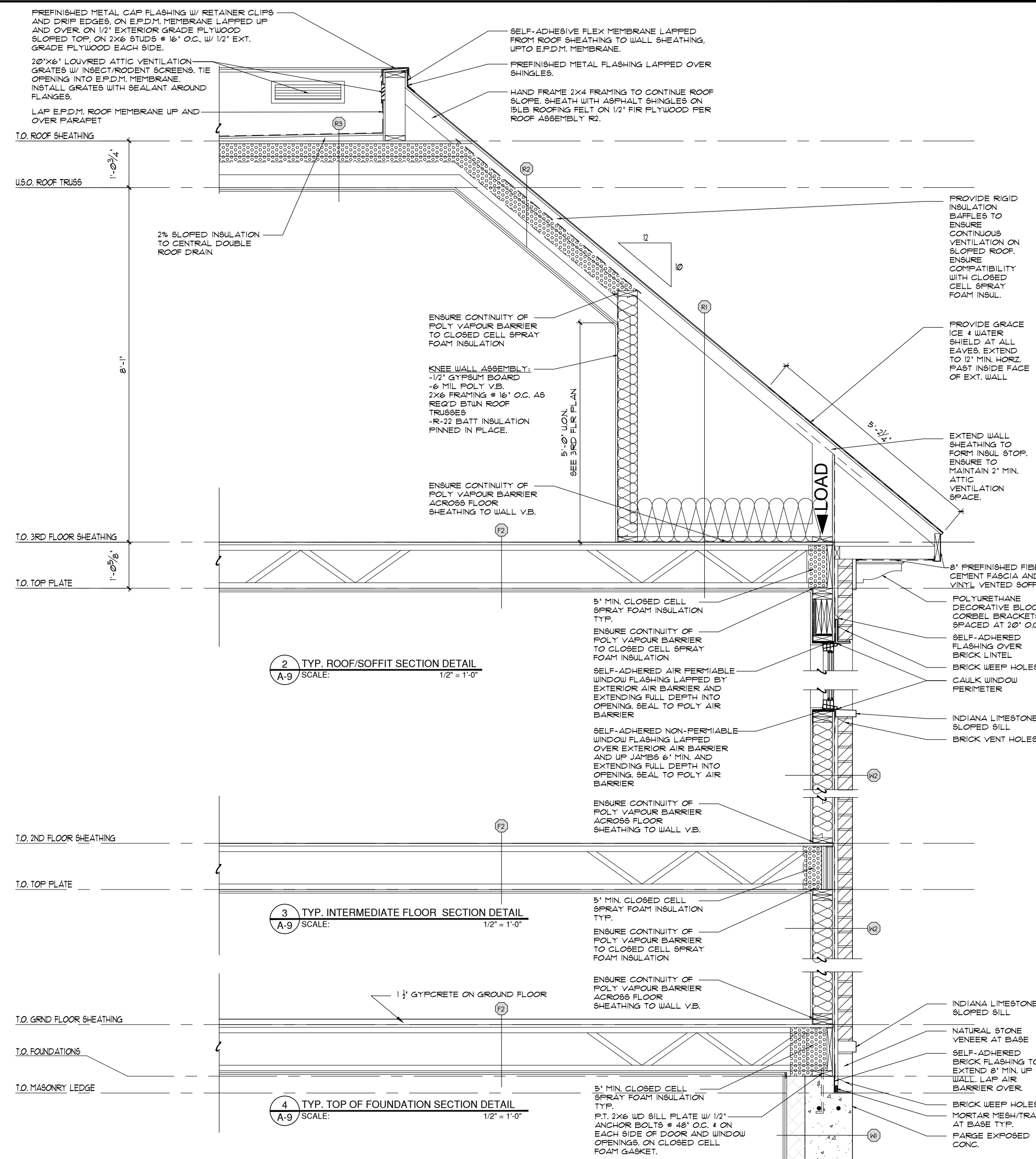
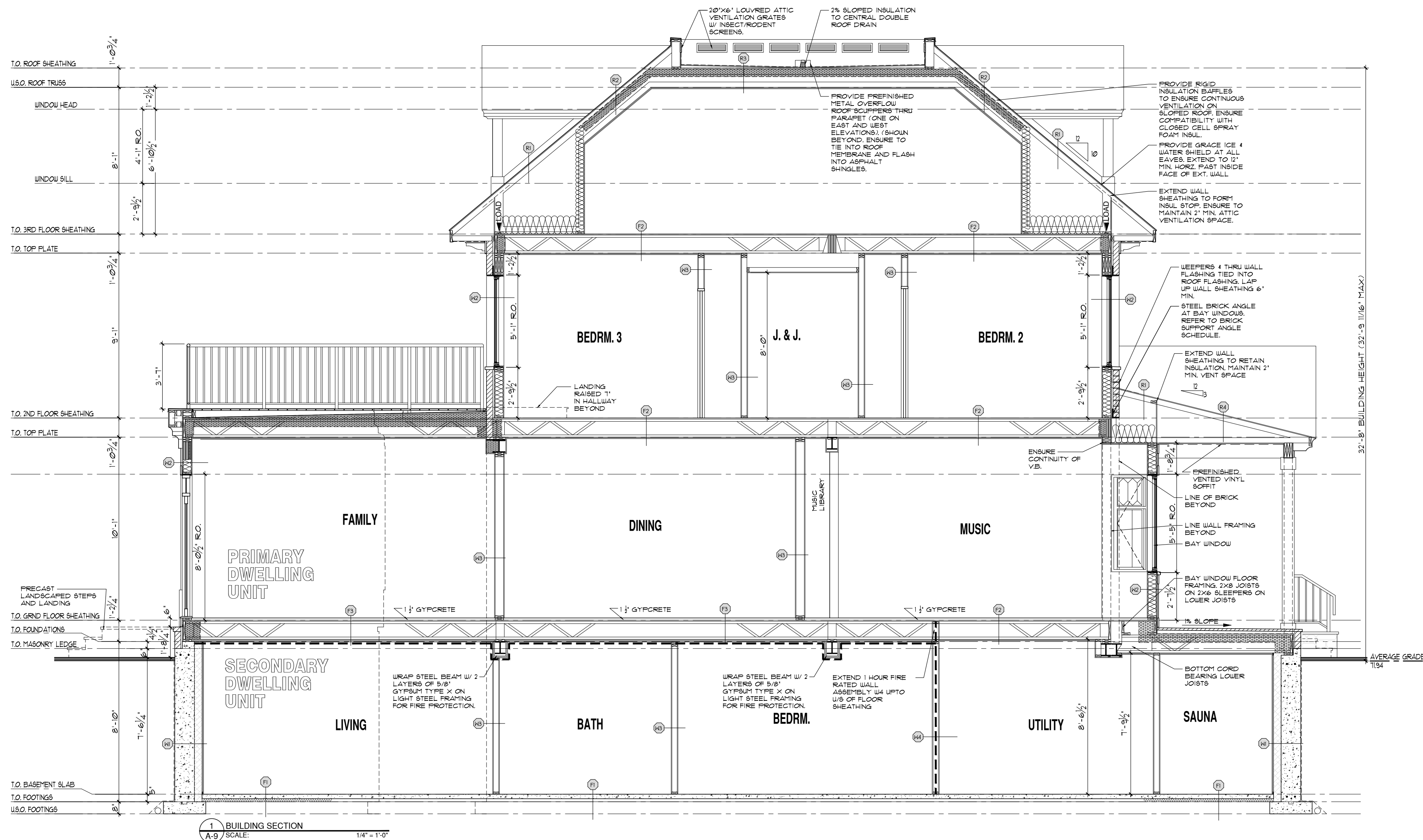
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DESIGN SERVICES  
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1047 WILLIAMMOONEY RD. CARLTON PLACE, ONTARIO K3A 1L0  
PHONE: (613) 839-0552 FAX: (613) 839-0552  
EMAIL: landmarxdesigns@gmail.com

| REVISIONS |                                       |
|-----------|---------------------------------------|
| 1         | ISSUED FOR REVIEW NOV'25              |
| 2         | ISSUED FOR CO-ORDINATION NOV'25       |
| 3         | ISSUED FOR CO-ORDINATION DEC'25       |
| 4         | ISSUED FOR CO-ORDINATION DEC'25       |
| 5         | ISSUED FOR BUILDING PERMIT DEC'25     |
| 6         | MINOR REVS FOR BUILDING PERMIT JAN'26 |
| 7         |                                       |
| 8         |                                       |
| 9         |                                       |
| 10        |                                       |

|                                                                                    |  |                         |  |                        |
|------------------------------------------------------------------------------------|--|-------------------------|--|------------------------|
| PROJECT:<br>PRUD'HOMME-FOSTER<br>RESIDENCE<br><br>237 CLEWOW AVE.,<br>OTTAWA, ONT. |  | ISSUE DATE:<br>NOV 2025 |  | DRAWING NO.<br><br>A-8 |
|                                                                                    |  | SCALE<br>1/4"≐1'-0"     |  |                        |
|                                                                                    |  | DRAWN BY<br>M.W.        |  |                        |
| DRAWING:<br>BUILDING ELEVATIONS                                                    |  | PROJECT NO.<br>2316     |  |                        |



- STEEL POSTS & FOOTINGS:**
- STEEL ADJUSTABLE POST MITEK BLACKJACK 2.5 MIN.
  - STEEL ADJUSTABLE POST MITEK BLACKJACK 2.5 MIN.
  - STEEL ADJUSTABLE POST MITEK BLACKJACK 3.0 MIN.
  - STEEL ADJUSTABLE POST MITEK BLACKJACK 3.0 MIN.
  - WELDED H.S.B. POST ASTM A500 GRADE C HSS 102x102x13
- WOOD POST:**
- P1-3'2"x6"
  - P2-4'2"x6"
  - P3-5'2"x6"
  - P4-4'2"x4"
  - P5-6'x6" P.T.
- INDICATES DIRECTION OF FLOOR JOIST OR TRUSS**
- INDICATES BEAM OR LINTEL**
- INDICATES ONE BEAM IS HUNG FROM THE SIDE OF ANOTHER**
- FLUSH** INDICATES BEAM IS FLUSH IN FLOOR
- DROP** INDICATES BEAM IS BELOW U/S (UNDERSIDE) OF FLOOR JOIST ABOVE
- INDICATES POINT LOAD FROM ABOVE**
- FL LINTEL** INDICATES FLUSH LINTEL SIZED BY PRE-ENG FLOOR SUPPLIER

**MASONRY SUPPORT STEEL LINTEL SPAN TABLE:**

| SYMBOL | VERT. LEG   | HORIZ. LEG  | TH       | SPAN         |
|--------|-------------|-------------|----------|--------------|
| L1     | 30 (3 1/2") | 30 (3 1/2") | 6 (1/4") | 230 (7'-11") |
| L2     | 30 (3 1/2") | 30 (3 1/2") | 6 (1/4") | 248 (8'-2")  |
| L3     | 30 (3 1/2") | 30 (3 1/2") | 6 (1/4") | 328 (10'-7") |
| L4     | 30 (3 1/2") | 30 (3 1/2") | 6 (1/4") | 324 (10'-6") |

1) LOOSE Laid MASONRY LINTELS SHALL HAVE A MINIMUM 150MM (6") BEARING AT EACH END.  
2) ALL MASONRY LINTELS TO BE LONG LEG VERTICAL.  
3) ALL MASONRY LINTELS TO BE GALVANIZED STEEL.

**CONSTRUCTION LEGEND:**

- FOOTINGS**
- TYP. FOOTING CONSTRUCTION:**
- POURED CONC. FOOTING ON UNDISTURBED SOIL. REFER TO A-2 FOUNDATION PLAN FOR SIZES & RE-BAR. REFER TO GENERAL NOTES. PROVIDE 6" MIN. CRUSHED STONE OVER FOOTING.
- TYP. CONCRETE BASEMENT SLAB CONSTRUCTION:**
- FINISHED FLOORING W/ V.B.
  - 4" MACHINE TROUBLE-POURED CONCRETE SLAB W/ 4#4 W/M.
  - 2" (R-10) 1/2" MEDIUM DENSITY RIGID INSULATION CONTINUOUS UNDER SLAB.
  - 10 MIL POLY V.B.
  - COMPACTED CLEAN GRANULAR FILL ON UNDISTURBED SOIL OR BEDROCK.
- TYP. FLOOR ASSEMBLY CONSTRUCTION:**
- FINISHED FLOORING
  - 1 1/2" GYPCRETE TOPPING (ON GROUND FLOOR ONLY. SEE SECTIONS/DETAILS)
  - 5/8" TAG O.S.B. SHEATHING (GLUED & SCREWED)
  - 1 1/8" PRE-ENGINEERED OPEN WEB WOOD JOISTS (REFER TO LAYOUT FOR BRACING/BLOCKING)
  - 1/3" WOOD STRAPPING @ 16" O.C.
  - 1/2" GYPSUM BOARD CEILING W/ JOINTS TAPPED, MUDDED AND PRIMED
- TYP. 1 HOUR FIRE RATED FLOOR ASSEMBLY CONSTRUCTION:**
- PER O.B.C. 88-3, TBL. 7, ASSEMBLY # F349 - 1 HOUR FRR, STC 63, U.C. 36
  - FINISHED FLOORING
  - 1 1/2" GYPCRETE TOPPING
  - 5/8" TAG O.S.B. SHEATHING (GLUED & SCREWED)
  - 1 1/8" PRE-ENGINEERED OPEN WEB WOOD JOISTS (REFER TO LAYOUT FOR BRACING/BLOCKING)
  - 1 1/8" PRE-ENGINEERED OPEN WEB WOOD JOISTS (REFER TO LAYOUT FOR BRACING/BLOCKING)
  - MINIMUM 5" (R-30) CONTINUOUS CLOSED CELL SPRAY FOAM INSULATION TO U/S OF FLYWOOD SHEATHING
  - 1/3" WOOD STRAPPING @ 16" O.C.
  - 1/2" GYPSUM BOARD CEILING W/ JOINTS TAPPED, MUDDED AND PRIMED
- TYP. INSULATED FRONT PORCH FLOOR ASSEMBLY CONSTRUCTION:**
- 1 1/2" NATURAL STONE PAVING ON POLY-TROUBLE-POURED CONC. (SLOPE 1% TOWARDS FRONT). ENSURE COMPATIBILITY WITH EPDM MEMBRANE BELOW.
  - FULLY ADHERED EPDM ROOF MEMBRANE
  - 1 1/2" TAG EXTERIOR GRADE FLYWOOD SHEATHING (GLUED & SCREWED)
  - 1 1/8" PRE-ENGINEERED OPEN WEB WOOD JOISTS (REFER TO LAYOUT FOR BRACING/BLOCKING)
  - MINIMUM 5" (R-30) CONTINUOUS CLOSED CELL SPRAY FOAM INSULATION TO U/S OF FLYWOOD SHEATHING
  - 1/3" WOOD STRAPPING @ 16" O.C.
  - 1/2" GYPSUM BOARD CEILING W/ JOINTS TAPPED, MUDDED AND PRIMED
- TYP. FOUNDATION WALL CONSTRUCTION:**
- SYSTEM PLATON DRAINAGE LAYER SYSTEM O.A.E. & BITUMINOUS DAMPPROOFING LAYER
  - 12" THK. POURED CONC. FDN. WALL ON 2800# POURED CONC. STRIP FING. (REFER TO PLAN FOR PROVIDE 5" MIN. BENCH AT TOP AND BOTTOM OF CONC. WALL. PROVIDE PROPER LAPS AND BENT CORNER BARS)
  - 4" DIA. CONTINUOUS WEERING TILE AT FOOTING LEVEL AROUND HOUSE BASEMENT.
  - 5" (R-30) TYPE 2 EPS INSULATION PANELS W/ SHIMLAPPED JOINTS (5/16" RAIL BRIDGE) @ 16" O.C. FROM TOP OF FOOTING TO U/S OF FLOOR JOISTS. (FOLLOW SUPPLIER'S INSTALLATION INSTRUCTIONS)
  - 6 MIL POLY V.B. ENSURE TO SEAL TO UNDER SLAB V.B.
  - 1/2" WOOD 4" MOISTURE RESISTANT DRYWALL TAPED & MUDDED ON INTERIOR FACE. (DRYWALL IS OPTIONAL 1 AREA AS PER OWNER REQUEST)
- NOTE:**
- ALL WOOD BILL PLATES THAT COME IN CONTACT WITH CONC. SLAB TO BE PRESSURE TREATED.
  - TYPICAL CONCRETE STRENGTH IS TO BE 28 MPa AFTER 28 DAYS.
- TYPICAL EXTERIOR WALL CONSTRUCTION:**
- BRICK VENEER W/ WEATHERING STRIPS @ 1" AIR SPACE.
  - PROVIDE MORTAR MESH/TRAP AT BOTTOM OF AIR SPACE.
  - PRE-FINISHED SIDING/PANELS (SEE BUILDING ELEVATIONS)
  - TYVEK AIR/MOISTURE BARRIER (ALL TAPED JOINTS)
  - 7/16" O.S.B. SHEATHING
  - 2x6 WOOD STUDS @ 16" O.C. W/ HORIZ. BLOCKING @ 3'-11" O.C. MAX IF HEIGHT IS 9'-10" OR HIGHER
  - R-12 (R-38) BATT INSULATION IN CAVITIES
  - 6 MIL POLY VAPOR BARRIER W/ ALL JOINTS AND EDGES LAPPED AND SEALED W/ ACRYLICAL CAULK
  - 1/2" GYPSUM BOARD W/ JOINTS TAPPED, MUDDED AND PRIMED ON INTERIOR
- TYPICAL INTERIOR WALL CONSTRUCTION (NON RATED):**
- 1/2" GYPSUM BOARD ON EACH SIDE
  - 2x4 OR 2x6 WOOD STUDS @ 16" O.C. (2x4 WOOD STUDS INSTALLED ON THE FLAT USED BEHIND FRIDGES IN AREAS) (REFER TO DRAWINGS FOR STUD SIZES AND LOCATIONS)
  - PROVIDE HORIZ. BLOCKING BTWN STUDS @ 3'-11" O.C. MAX IF HEIGHT IS 9'-10" OR HIGHER
  - PROVIDE HOLD 4" MOISTURE RESISTANT GYPSUM BOARD IN WASHROOMS & MESH CLOSET
  - PROVIDE CEMENT BOARD OR GREEN BOARD BACKING IN TUB-SHOWER AREAS

IT IS THE RESPONSIBILITY OF THE APPROPRIATE CONTRACTOR TO CHECK AND VERIFY ALL DIMENSIONS ON SITE AND REPORT ALL ERRORS AND/OR OMISSIONS TO THE DESIGNER. ALL CONTRACTORS MUST COMPLY WITH ALL PERTINENT CODES AND BYLAWS. DO NOT SCALE DRAWINGS. THIS DRAWING MAY NOT BE USED FOR CONSTRUCTION UNTIL SIGNED AND DATED BY THE DESIGNER. COPYRIGHT RESERVED. THIS DRAWING IS THE EXCLUSIVE PROPERTY OF LANDMARX DESIGN SERVICES AND SHALL NOT BE USED WITHOUT THE DESIGNER'S CONSENT.

The undersigned has reviewed and undertaken the responsibilities for this design, and has the qualifications and meets the requirements set out in the Ontario Building Code

Signature: *Mark Williams*

Qualification Information:

Name: Mark Williams

BCIN (ind): #28231

BCIN (firm): #33592

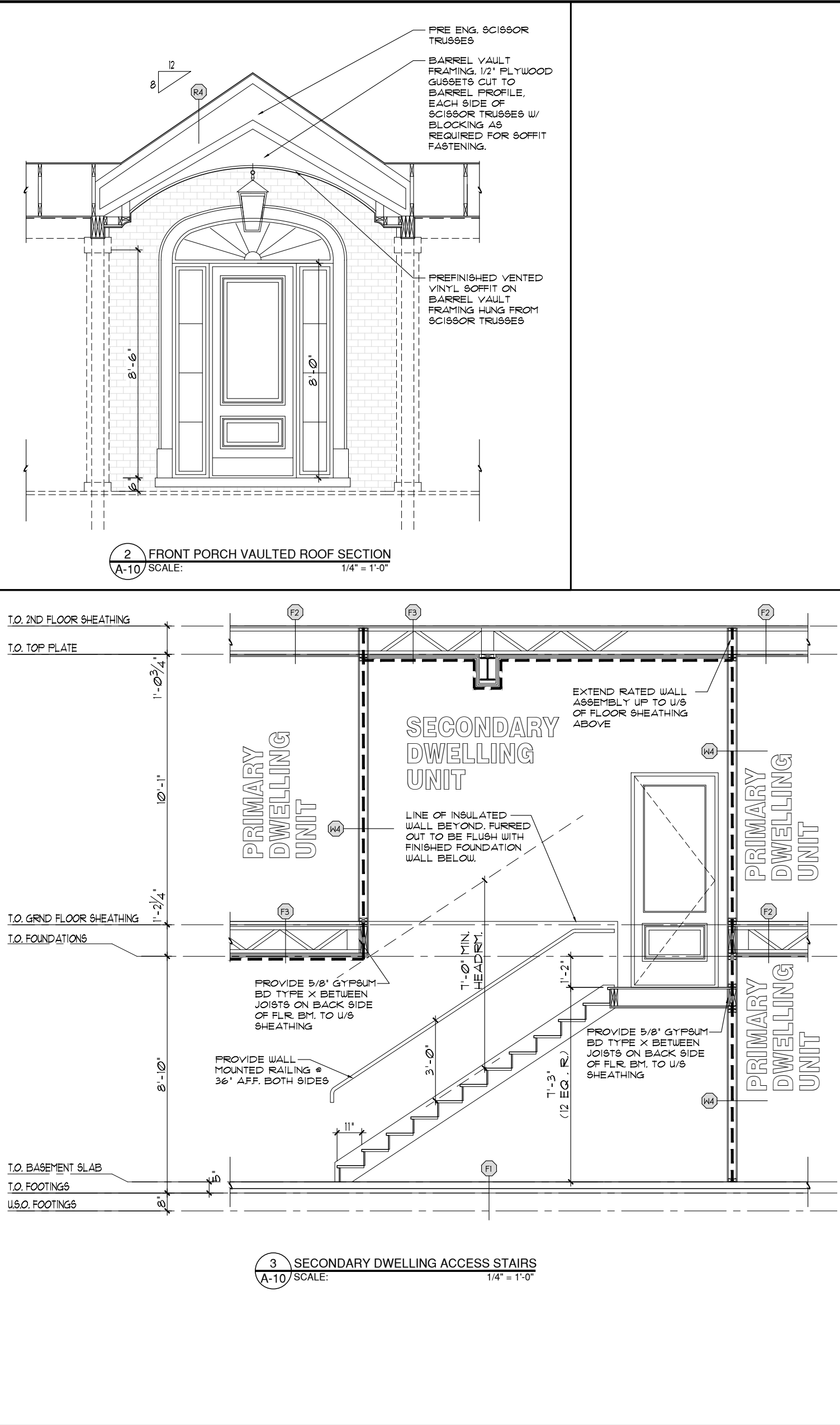
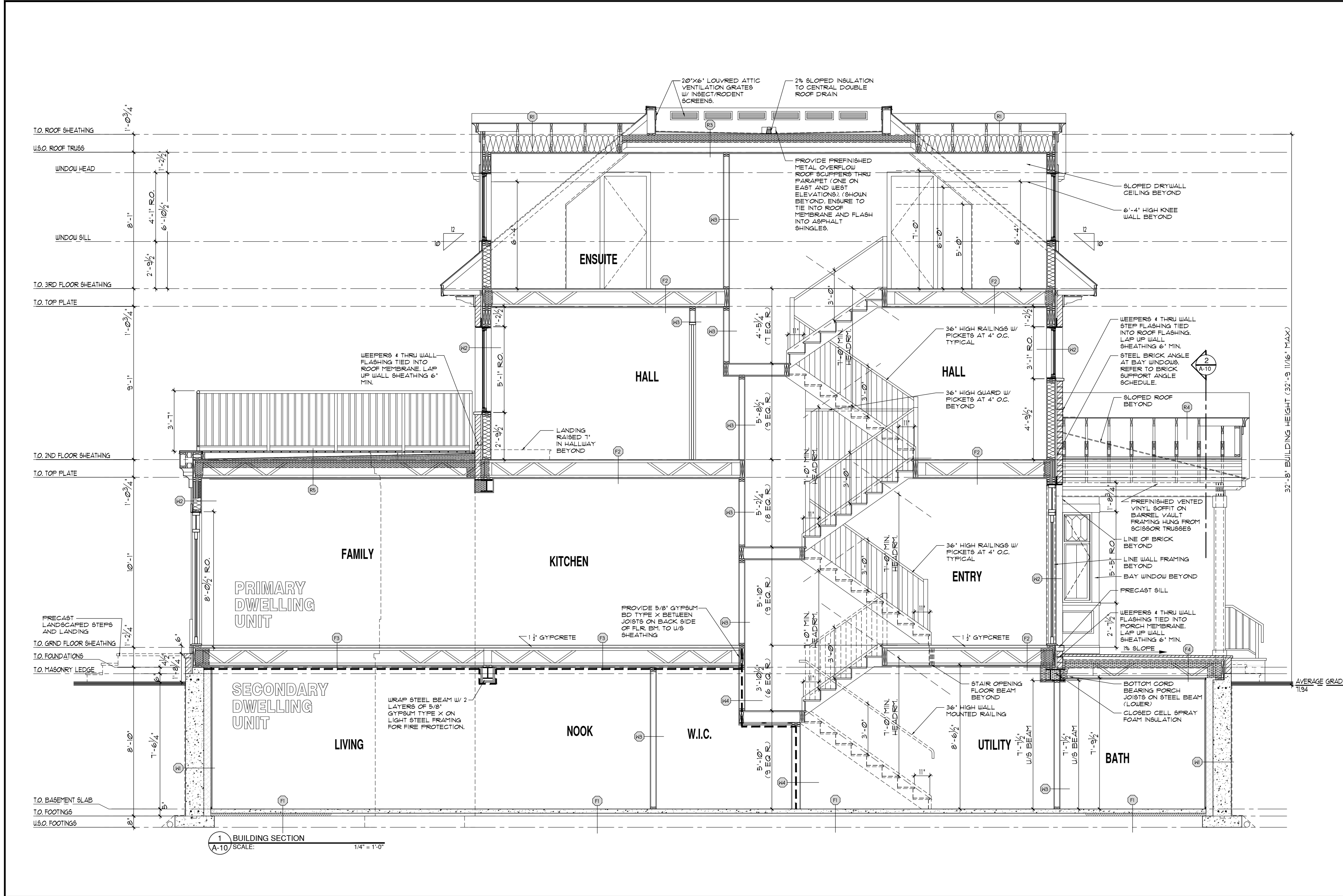
Date: DEC. 19'25

**LANDMARX**  
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EMAIL: landmarxdesigns@gmail.com

**REVISIONS**

|    |                                |        |
|----|--------------------------------|--------|
| 1  | ISSUED FOR REVIEW              | NOV/25 |
| 2  | ISSUED FOR CO-ORDINATION       | NOV/25 |
| 3  | ISSUED FOR CO-ORDINATION       | DEC/25 |
| 4  | ISSUED FOR CO-ORDINATION       | DEC/25 |
| 5  | ISSUED FOR BUILDING PERMIT     | DEC/25 |
| 6  | MINOR REVS FOR BUILDING PERMIT | JAN/26 |
| 7  |                                |        |
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|                                                                     |                                |                           |
|---------------------------------------------------------------------|--------------------------------|---------------------------|
| <b>PRUD'HOMME-FOSTER RESIDENCE</b><br>237 CLEWOW AVE., OTTAWA, ONT. | ISSUE DATE:<br><b>NOV 2025</b> | DRAWING NO.<br><b>A-9</b> |
| DRAWING:<br><b>BUILDING SECTIONS</b>                                | SCALE<br><b>1/4"=1'-0"</b>     | DRAWN BY<br><b>M.W.</b>   |
|                                                                     | PROJECT NO.<br><b>2316</b>     |                           |



**STEEL POSTS & FOOTINGS:**

- STEEL ADJUSTABLE POST MITEK BLACKJACK 2.5 MIN.
- STEEL ADJUSTABLE POST MITEK BLACKJACK 3.0 MIN.
- STEEL ADJUSTABLE POST MITEK BLACKJACK 3.0 MIN.
- WELDED H.S.B. POST ASTM A500 GRADE C HSS 102X102X13

**WOOD POST:**

- P1-3'2"x6"
- P2-4'2"x6"
- P3-5'2"x6"
- P4-4'2"x4"
- P5-6'x6" P.T.

**INDICATES DIRECTION OF FLOOR JOIST OR TRUSS**

**INDICATES BEAM OR LINTEL**

**INDICATES ONE BEAM IS HUNG FROM THE SIDE OF ANOTHER**

**FLUSH** INDICATES BEAM IS FLUSH IN FLOOR

**DROP** INDICATES BEAM IS BELOW U.S. (UNDERSIDE) OF FLOOR JOIST ABOVE

**INDICATES POINT LOAD FROM ABOVE**

**FL LINTEL** INDICATES FLUSH LINTEL SIZED BY PRE-ENG FLOOR SUPPLIER

**NOTES:**

1) WOOD LINTELS/POSTS AND BEAMS) UNLESS OTHERWISE NOTED ALL LINTELS OVER NEW WINDOWS & DOORS IN EXT. LOADBEARING WALLS ARE TO BE 2-2x10 SPRUCE SUPPORTED ON ONE 2x6 JACK POST & END NAILLED INTO ADJACENT STUD. UNLESS OTHERWISE NOTED ALL LINTELS IN ARCHWAYS OR OPENINGS (LESS THAN 6'-0" WIDE) IN LOADBEARING INT. OR EXT. WALLS ARE 2-2x10 & ARE SUPPORTED ON 2-2x6 POSTS.

2) BLOCK ALL POSTS AND ALL POINTLOADS FROM ABOVE SOLIDLY THRU BUILDING TO FOUNDATION WALL/FOOTING.

3) INTERCONNECTED FIRE ALARMS ARE TO BE PROVIDED AS PER O.B.C. CURRENT REGS.

**MASONRY SUPPORT STEEL LINTEL SPAN TABLE:**

| SYMBOL | VERT. LEG   | HORIZ. LEG  | TH.       | SPAN         |
|--------|-------------|-------------|-----------|--------------|
| L1     | 30 (3 1/2") | 30 (3 1/2") | 6 (1/4")  | 230 (7'-7")  |
| L2     | 30 (3 1/2") | 30 (3 1/2") | 6 (1/4")  | 248 (8'-2")  |
| L3     | 30 (3 1/2") | 30 (3 1/2") | 8 (5/8")  | 328 (10'-7") |
| L4     | 30 (3 1/2") | 30 (3 1/2") | 10 (3/4") | 324 (10'-6") |

1) LOOSE LAID MASONRY LINTELS SHALL HAVE A MINIMUM 150mm (6") BEARING AT EACH END.

2) ALL MASONRY LINTELS TO BE LONG LEG VERTICAL.

3) ALL MASONRY LINTELS TO BE GALVANIZED STEEL.

**CONSTRUCTION LEGEND:**

**FOOTINGS**

**TYP. CONCRETE BASEMENT SLAB CONSTRUCTION:**

- FINISHED FLOORING W/ V.S.
- 4" MACHINE TROULLED POURED CONCRETE SLAB W/ 4x4 W/M.
- 2" (K) INSUL. (1/2") MEDIUM DENSITY ROAD INSULATION CONTINUOUS UNDER SLAB
- 10 MIL POLY V.S.
- (1/2") MOLD & MOISTURE RESISTANT DRYWALL TAPED & PRIMED ON INTERIOR FACE. (DRYWALL IS OPTIONAL - AREAS AS PER OWNER REQUEST)

**TYP. FLOOR ASSEMBLY CONSTRUCTION:**

- FINISHED FLOORING
- 1 1/2" GYPSUM BOARD TOPPING (ON GROUND FLOOR ONLY, SEE SECTIONS/DETAILS)
- 5/8" TAG O.S.B. SHEATHING (GLUED & SCREWED)
- 1 1/8" PRE-ENGINEERED OPEN WEB WOOD JOISTS (REFER TO LAYOUT FOR SPACING/BLOCKING)
- 1/2" GYPSUM BOARD CEILING W/ JOINTS TAPPED, MUDDED AND PRIMED

**TYP. 1 HOUR FIRE RATED FLOOR ASSEMBLY CONSTRUCTION:**

PER O.B.C. 88-3, TBL. 7, ASSEMBLY "F34g" - 1 HOUR FRR, STC 63, U.L.C. 36

- FINISHED FLOORING
- 1 1/2" GYPSUM BOARD TOPPING
- 5/8" TAG O.S.B. SHEATHING (GLUED & SCREWED)
- 1 1/8" PRE-ENGINEERED OPEN WEB WOOD JOISTS (REFER TO LAYOUT FOR SPACING/BLOCKING)
- RESILIENT METAL CHANNELS @ 16" O.C.
- 2 LAYERS OF 1/2" GYPSUM BOARD CEILING W/ JOINTS TAPPED, MUDDED AND PRIMED
- DRYWALL TO RUN CONTINUOUS OVER ALL NON RATED WALL TOP PLATES

**TYP. INSULATED FRONT PORCH FLOOR ASSEMBLY CONSTRUCTION:**

- 1 1/2" NATURAL STONE PAVING ON POLY TROULLED THIN SET MORTAR (SLOPE 1% TOWARDS FRONT), ENSURE COMPATIBILITY WITH EPDM MEMBRANE BELOW
- FULLY ADHERED EPDM ROOF MEMBRANE
- 1 1/4" EXT. GRADE PLYWOOD SHEATHING (GLUED & SCREWED)
- 1 1/8" PRE-ENGINEERED OPEN WEB WOOD JOISTS (REFER TO LAYOUT FOR SPACING/BLOCKING)
- MINIMUM 5" (R-30) CONTINUOUS CLOSED CELL SPRAY FOAM INSULATION TO U/S OF PLYWOOD SHEATHING
- 1/3 WOOD STRAPPING @ 16" O.C.
- 1/2" GYPSUM BOARD CEILING W/ JOINTS TAPPED, MUDDED AND PRIMED

**TYP. FOUNDATION WALL CONSTRUCTION:**

- 5" SYSTEM PLATION DRAINAGE LAYER 3" MIN. O.A.E. & BITUMINOUS DAMPROOFING LAYER
- 12" THK. POURED CONC. FEN. WALL ON 36" THK. POURED CONC. STIFF. FING. (REFER TO FEN. PLAN) PROVIDE 5" BRICK LEDGE AT TOP. REFER TO DETAILS
- 2-1/4" BLK. HORIZ. TYP. AT TOP AND BOTTOM OF CONC. WALL. PROVIDE PROPER LAPS AND BENT CORNER BARS
- 4" DIA. CONTINUOUS WEIRING TILE AT FOOTING LEVEL, AROUND HOUSE BASEMENT, 1" (R-10) TYPE 3 EPS INSULATION PANELS W/ SUPPLEMENT JOINTS (GYPSUM WALL SPRAYED O.A.E.) FROM TOP OF FOOTING TO U/S OF FLOOR JOISTS. (FOLLOW SUPPLIER'S INSTALLATION INSTRUCTIONS)
- 6 MIL POLY V.S. ENSURE TO SEAL TO UNDER SLAB V.S.
- 1/3 WOOD STRAPPING @ 24" O.C.
- (1/2") MOLD & MOISTURE RESISTANT DRYWALL TAPED & MUDDED ON INTERIOR FACE. (DRYWALL IS OPTIONAL - AREAS AS PER OWNER REQUEST)

**TYP. EXTERIOR WALL CONSTRUCTION:**

- BRICK VENEER W/ WEIRING/VENTS 1" TIES AS PER O.B.C. W/ 1" AIR SPACE. PROVIDE MORTAR RES/TRAUF AT BOTTOM OF AIR SPACE
- PREFINISHED 6"X6" PANELING (SEE BUILDING ELEVATIONS)
- 2x6 WOOD STUDS @ 16" O.C. W/ HORIZ. BLOCKING @ 3'-11" O.C. MAX. IF HEIGHT IS 9'-10" OR HIGHER
- R-22 (R6.38) BATT INSULATION IN CAVITIES
- 6 MIL POLY VAPOR BARRIER W/ ALL JOINTS AND EDGES LAPPED AND SEALED W/ ACQUITAL GULK
- 1/2" GYPSUM BOARD W/ JOINTS TAPPED, MUDDED AND PRIMED ON INTERIOR

**TYP. INTERIOR WALL CONSTRUCTION (NON RATED):**

- 1/2" GYPSUM BOARD ON EACH SIDE
- 2x4 OR 2x6 WOOD STUDS @ 16" O.C. (2x4 WOOD STUDS INSTALLED ON THE FLAT USED BEHIND PROGES IN AREAS) (REFER TO DRAWINGS FOR STUD SIZES AND LOCATIONS)
- PROVIDE HORIZ. BLOCKING BTWN STUDS @ 3'-11" O.C. MAX. IF HEIGHT IS 9'-10" OR HIGHER
- PROVIDE MOLD & MOISTURE RESISTANT GYPSUM BOARD IN WASHROOMS & MECH. CLOSET
- PROVIDE CEINT BOARD OR "GREEN BOARD" BACKING IN TUB/SHOWER AREAS

**TYP. 1 HOUR RATED INTERIOR WALL CONSTRUCTION:**

PER O.B.C. 88-3, TBL. 7, ASSEMBLY "I44g" - 1 HOUR FRR, STC 54

- 5/8" GYPSUM BOARD TYPE "X"
- 2x4 OR 2x6 WOOD STUDS @ 16" O.C. (REFER TO DRAWINGS FOR STUD SIZES)
- 3/2" MINERAL WOOL BOARD INSULATION
- HORIZONTAL RESILIENT METAL CHANNELS @ 24" O.C.
- 2 LAYERS 5/8" GYPSUM BOARD TYPE "X"
- PROVIDE HORIZ. BLOCKING BTWN STUDS @ 3'-11" O.C. MAX. IF HEIGHT IS 9'-10" OR HIGHER
- PROVIDE MOLD & MOISTURE RESISTANT GYPSUM BOARD IN WASHROOMS & MECH. CLOSET
- PROVIDE CEINT BOARD OR "GREEN BOARD" BACKING IN TUB/SHOWER AREAS

**TYP. VENTILATED SLOPED ROOF W/ ATTIC CONSTRUCTION:**

- 35 YEAR ASPHALT SHINGLES
- 5/8" ROOFING FELT
- 1/2" FIR PLYWOOD ROOF SHEATHING W/ 1" CLIPS AS REQ'D
- PRE-ENGINEERED WOOD ROOF TRUSSES @ 16" OR 24" O.C. (REFER TO ROOF TRUSS LAYOUT)
- MIN. R-40 BLOWN-IN CELLULOSE INSULATION
- 6 MIL POLY VAPOR BARRIER W/ ALL JOINTS AND EDGES LAPPED AND SEALED W/ ACQUITAL GULK
- 1/3 WOOD STRAPPING @ 16" O.C. TO U/S OF WD. TRUSSES
- 1 LAYER 5/8" GYPSUM BOARD W/ JOINTS TAPED, MUDDED AND PRIMED ON INTERIOR

**TYP. NON-VENTILATED SLOPED ROOF CONSTRUCTION:**

- 35 YEAR ASPHALT SHINGLES
- 5/8" ROOFING FELT
- 1/2" FIR PLYWOOD ROOF SHEATHING W/ 1" CLIPS AS REQ'D
- R-40 INSULATION BATTLES TO ENSURE CONTINUOUS VENTILATION ON SLOPED ROOF. ENSURE COMPATIBILITY WITH CLOSED CELL SPRAY FOAM INSUL.
- MINIMUM 5" (R-30) CONTINUOUS CLOSED CELL SPRAY FOAM INSULATION TO U/S OF PLYWOOD SHEATHING
- PRE-ENGINEERED WOOD ROOF TRUSSES @ 16" OR 24" O.C. (REFER TO ROOF TRUSS LAYOUT)
- 1/3 WOOD STRAPPING @ 16" O.C. TO U/S OF WD. TRUSSES
- 1 LAYER 5/8" GYPSUM BOARD W/ JOINTS TAPED, MUDDED AND PRIMED ON INTERIOR

**TYP. NON-VENTILATED LOW SLOPED ROOF CONSTRUCTION:**

- FULLY ADHERED EPDM ROOF MEMBRANE
- 1/2" FIR PLYWOOD ROOF SHEATHING W/ 1" CLIPS AS REQ'D
- SHIPPED SLEEPERS TO FORT SLOPE. REFER TO ROOF PLAN
- MINIMUM 5" (R-30) CONTINUOUS CLOSED CELL SPRAY FOAM INSULATION TO U/S OF PLYWOOD SHEATHING
- PRE-ENGINEERED WOOD ROOF TRUSSES @ 16" OR 24" O.C. (REFER TO ROOF TRUSS LAYOUT)
- 1/3 WOOD STRAPPING @ 16" O.C. TO U/S OF WD. TRUSSES
- 1 LAYER 5/8" GYPSUM BOARD W/ JOINTS TAPED, MUDDED AND PRIMED ON INTERIOR

**TYP. VENTILATED SLOPED PORCH ROOF CONSTRUCTION:**

- 35 YEAR ASPHALT SHINGLES
- 5/8" ROOFING FELT
- 1/2" FIR PLYWOOD ROOF SHEATHING W/ 1" CLIPS AS REQ'D
- SHIPPED SLEEPERS TO FORT SLOPE. REFER TO ROOF PLAN
- MINIMUM 5" (R-30) CONTINUOUS CLOSED CELL SPRAY FOAM INSULATION TO U/S OF PLYWOOD SHEATHING
- PRE-ENGINEERED WOOD ROOF TRUSSES @ 16" OR 24" O.C. (REFER TO ROOF TRUSS LAYOUT)
- 1/3 WOOD STRAPPING @ 16" O.C. TO U/S OF WD. TRUSSES
- 1 LAYER 5/8" GYPSUM BOARD W/ JOINTS TAPED, MUDDED AND PRIMED ON INTERIOR

**IT IS THE RESPONSIBILITY OF THE APPROPRIATE CONTRACTOR TO CHECK AND VERIFY ALL DIMENSIONS ON SITE AND REPORT ALL ERRORS AND/OR OMISSIONS TO THE DESIGNER. ALL CONTRACTORS MUST COMPLY WITH ALL PERTINENT CODES AND BYLAWS. DO NOT SCALE DRAWINGS.**

THIS DRAWING MAY NOT BE USED FOR CONSTRUCTION UNTIL SIGNED AND DATED BY THE DESIGNER. COPYRIGHT RESERVED. THIS DRAWING IS THE EXCLUSIVE PROPERTY OF LANDMARX DESIGNS AND SHALL NOT BE USED WITHOUT THE DESIGNER'S CONSENT.

**The undersigned has reviewed and undertaken the responsibilities for this design, and has the qualifications and meets the requirements set out in the Ontario Building Code**

Signature: *Mark Williams* Date: DEC.19'25

**Qualification Information:**

Name: Mark Williams  
BCIN (ind): #28231  
BCIN (firm): #33592

**LANDMARX DESIGN SERVICES**

HOUSE PLANS • DRAFTING SERVICES • CONCEPT PLANS

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PHONE: (613) 839-0352 FAX: (613) 839-0352  
EMAIL: landmarxdesigns@gmail.com

**REVISIONS**

| NO. | DESCRIPTION                    | DATE     |
|-----|--------------------------------|----------|
| 1   | ISSUED FOR REVIEW              | NOV3'25  |
| 2   | ISSUED FOR CO-ORDINATION       | NOV11'25 |
| 3   | ISSUED FOR CO-ORDINATION       | DEC08'25 |
| 4   | ISSUED FOR CO-ORDINATION       | DEC16'25 |
| 5   | ISSUED FOR BUILDING PERMIT     | DEC19'25 |
| 6   | MINOR REVS FOR BUILDING PERMIT | JAN12'26 |
| 7   |                                |          |
| 8   |                                |          |
| 9   |                                |          |
| 10  |                                |          |

**PROJECT:** PRUD'HOMME-FOSTER RESIDENCE

237 CLEWOW AVE., OTTAWA, ONT.

**DRAWING:** BUILDING SECTIONS

**ISSUE DATE:** NOV 2025

**SCALE:** 1/4"=1'-0"

**DRAWN BY:** M.W.

**PROJECT NO.** 2316

**DRAWING NO.** A-10