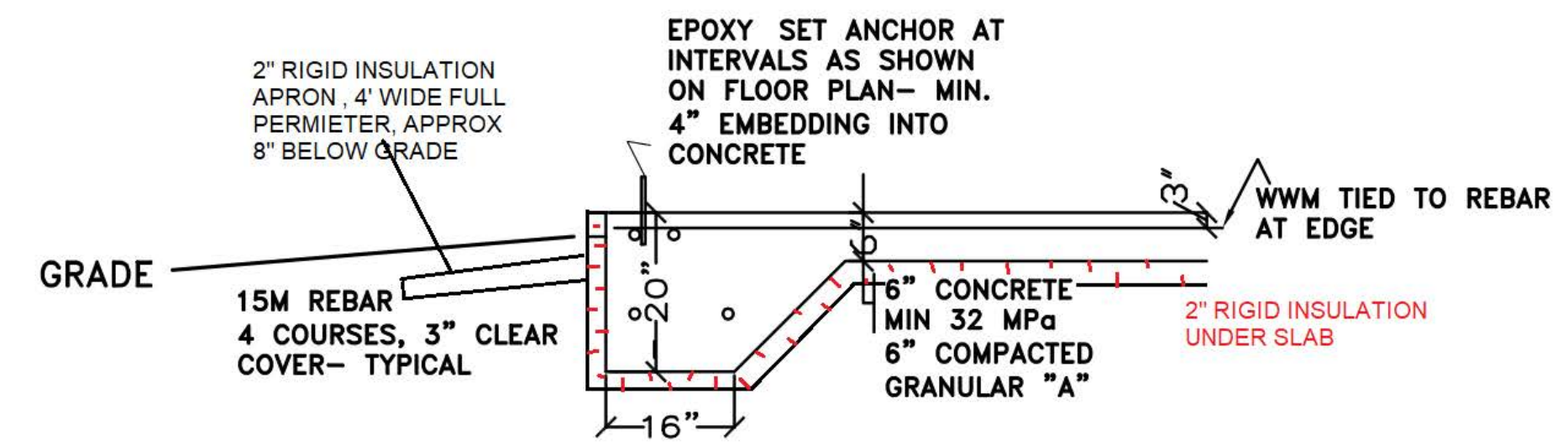


FOUNDATION PLAN



From Alexander Wilson Architect, 17 March 2025 :  
Gross Floor Area: 159.61 meters squared  
Parking requirements are 15 spaces + 2 for every classroom.  
If each floor is counted as a separate classroom 19 spaces would be required.

OCCUPANCY - GROUP "A", DIVISION 2.  
OPTION 1  
- OCCUPANT LOAD - TBL. 3.1.17.1. - "classrooms" = 1.85 M<sup>2</sup>/person.  
- MAIN FLOOR = 931 S.F., or 86.5 Sq.Mtrs.  
- SECOND FLOOR = 781 S.F., or 73.11 Sq. Mtrs.  
- TOTAL Sq. Ft. = 1,718 Sq. Ft., or 159.61 Sq. Mtrs.  
- TOTAL OCCUPANT LOAD = 86 PERSONS (159.61 / 1.85 = 86)  
THEREFORE,  
- BASED ON THE OCCUPANT LOAD ("classrooms"), DERIVED FROM BUILDING SIZE  
- 2 WATER CLOSETS NEEDED OR FEMALE AND 2 FOR MALES IS REQ'D AS PER 3.7.4.3.(14)  
- ONE OF THOSE WILL NEED TO BE BARRIER FREE FOR EACH SEX.  
OPTION 2  
- OCCUPANT LOAD - TBL. 3.1.17.1. - "school shops & vocational rooms" = 9.3 M<sup>2</sup>/person.  
- MAIN FLOOR = 931 S.F., or 86.5 Sq.Mtrs.  
- SECOND FLOOR = 781 S.F., or 73.11 Sq. Mtrs.  
- TOTAL Sq. Ft. = 1,718 Sq. Ft., or 159.61 Sq. Mtrs.  
- TOTAL OCCUPANT LOAD = 17 PERSONS (159.61 / 9.30 = 17)  
THEREFORE,  
- BASED ON THE OCCUPANT LOAD ("school shops & vocational rooms"), DERIVED FROM BUILDING SIZE  
- 1 WATER CLOSETS NEEDED OR FEMALE AND 1 FOR MALES IS REQ'D AS PER 3.7.4.3.(14)  
- ONE OF THOSE WILL NEED TO BE A UNIVERSAL BATHROOM as per O.B.C. TBL. 3.8.2.3.(A) & 1 STANDARD WASHROOM, as per O.B.C. 3.7.4.2.(8).  
-3.2.2.25.(2)(a)  
- 45 minute fire-resistance rating for floor system.  
- 45 minute fire-resistance rating for roof system.  
- loadbearing walls, columns and arches supporting a fire-rated assembly have a 45 minute fire-resistance rating.  
- fire protection issues  
- fire alarms  
- water source  
- vehicle access routes (for fire-fighting equipment)  
- emergency lighting requirements  
- emergency power for lighting & fire alarm services  
- TBL 3.8.1.2. - 1 BARRIER FREE ENTRANCE REQUIRED.  
- BARRIER FREE CONTROLS TO BE INSTALLED AS PER O.B.C. 3.8.1.5.  
- ILLUMINATION OF A BARRIER FREE PATH OF TRAVEL to be as per O.B.C. 3.8.1.6.  
- BARRIER FREE PATH OF TRAVEL as per O.B.C. 3.8.2.1.  
- ACCESS TO PARKING AREAS as per O.B.C. 3.8.2.2.  
- 1 UNIVERSAL (BARRIER FREE) WASHROOM AS PER O.B.C. TBL 3.8.2.3.A. & B. & ONE STANDARD WASHROOM, as per O.B.C. 3.7.4.2.(8)  
- ACCESSIBILITY SIGNS as per O.B.C. 3.8.3.1.  
- EXTERIOR WALKWAYS as per O.B.C. 3.8.3.2.  
- DOORWAYS & DOORS as per O.B.C. 3.8.3.3.  
- DOORWAYS TO BE >= 860mm CLEAR WIDTH (34") WHEN DOOR IN OPEN POSITION  
- DOORWAYS TO HAVE POWER ASSIST & OTHER FEATURES. SPECIFICALLY, FRONT ENTRY & BARRIER FREE WASHROOM  
- WATER CLOSET STALLS & ENCLOSURES to be as per O.B.C. 3.8.3.8. & 3.8.3.9.  
- LAVATORIES, MIRRORS & WASHROOM ACCESSORIES as per O.B.C. 3.8.3.11.  
- UNIVERSAL WASHROOM as per O.B.C. 3.8.3.12.

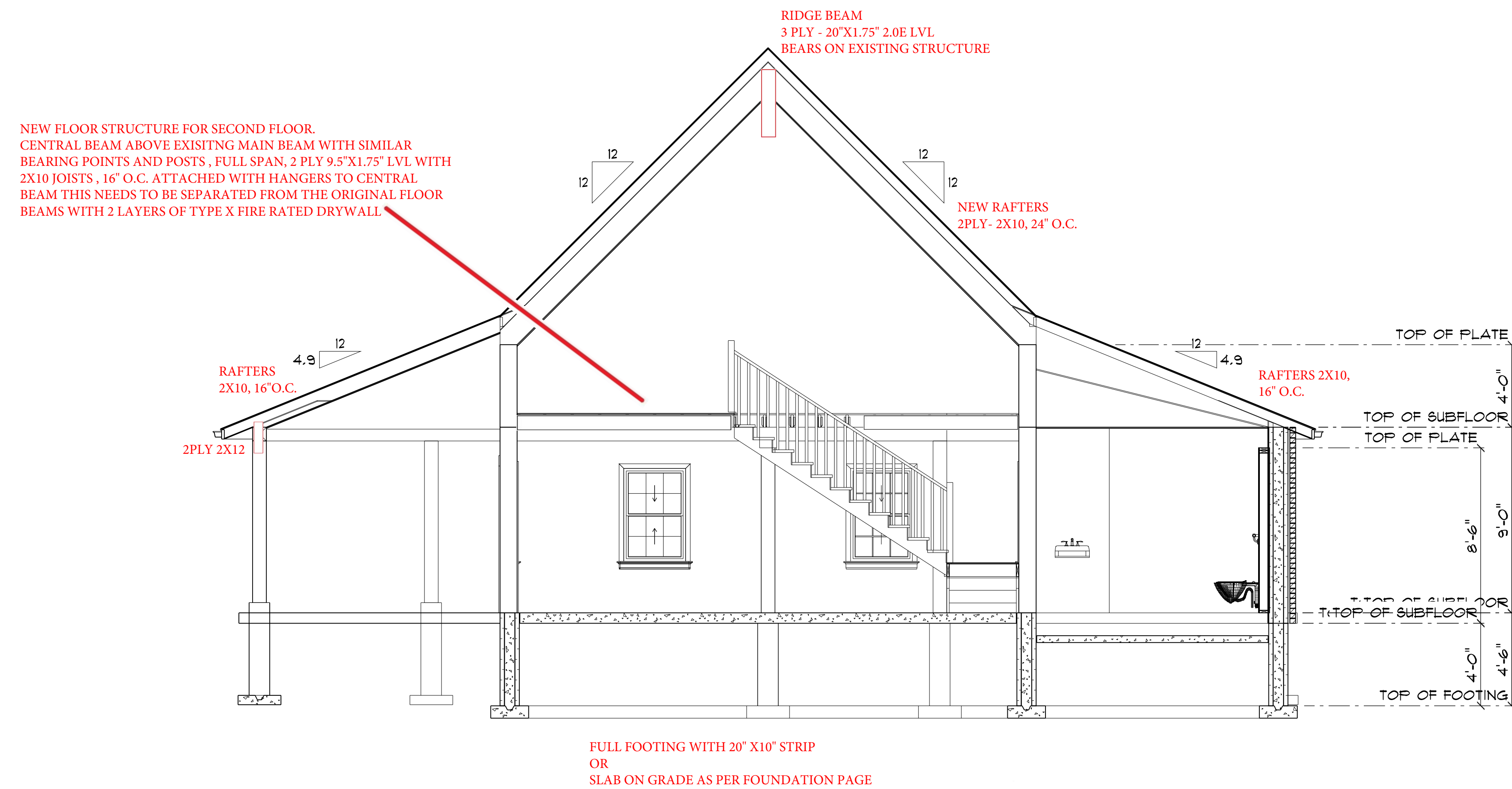


HEATED SLAB DETAIL

LOG CABIN RELOCATE  
2590 COUNTY RD 15  
NICK SORBARA

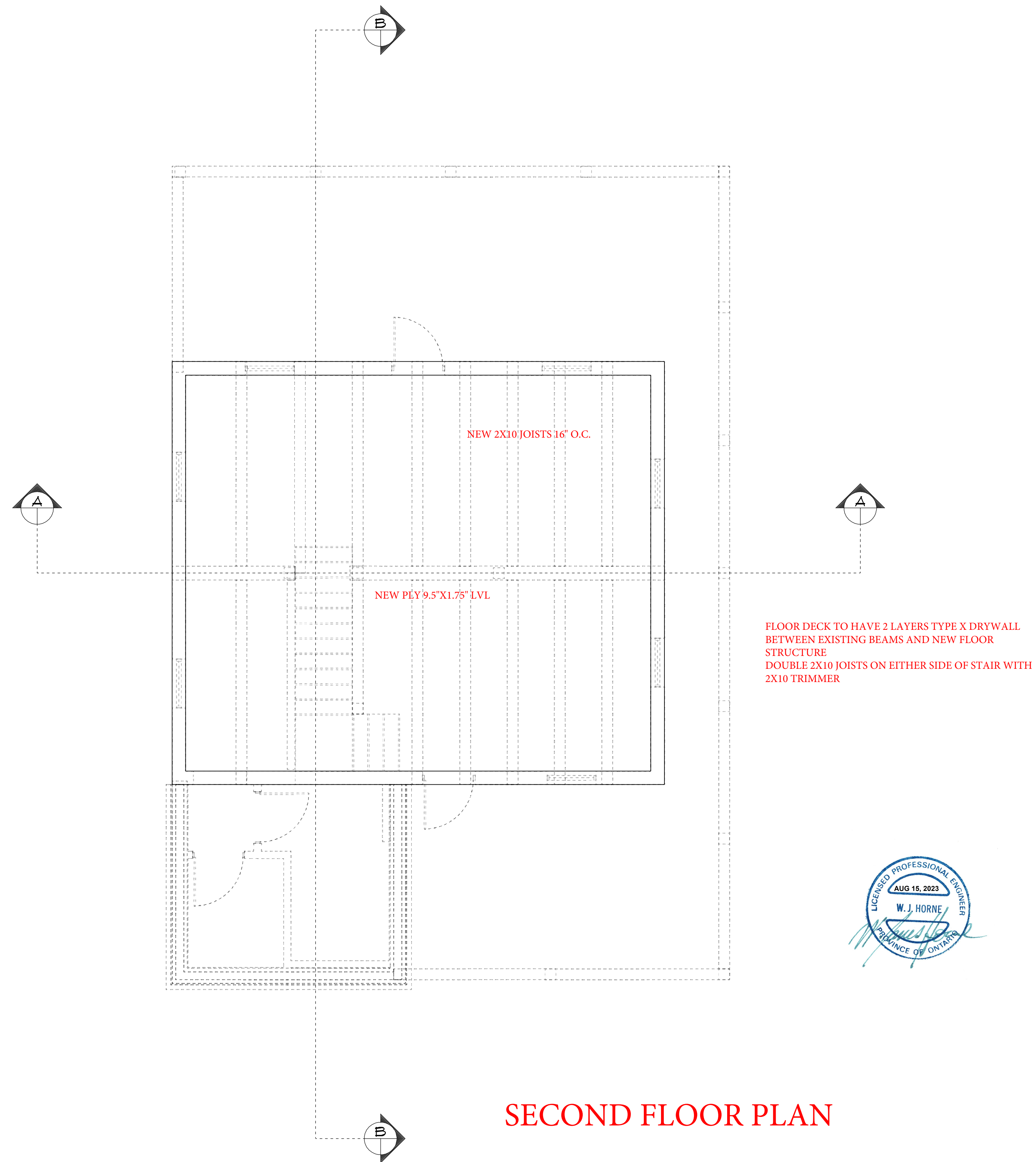
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SECTION B-B

LOG CABIN RELOCATE  
2590 COUNTY RD 15  
NICK SORBARA



SECOND FLOOR PLAN

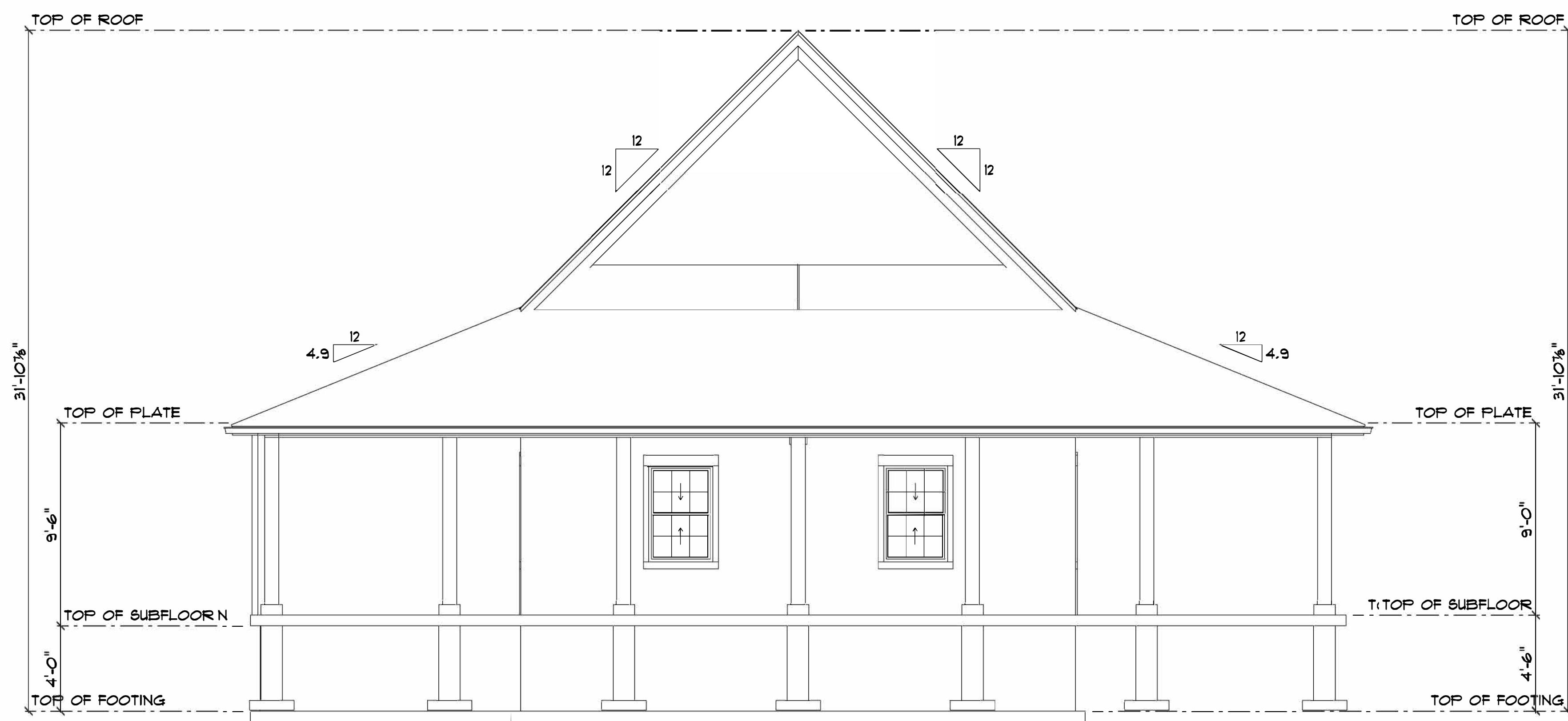
LOG CABIN RELOCATE  
2590 COUNTY RD 15  
NICK SORBARA

E 77F &A8)



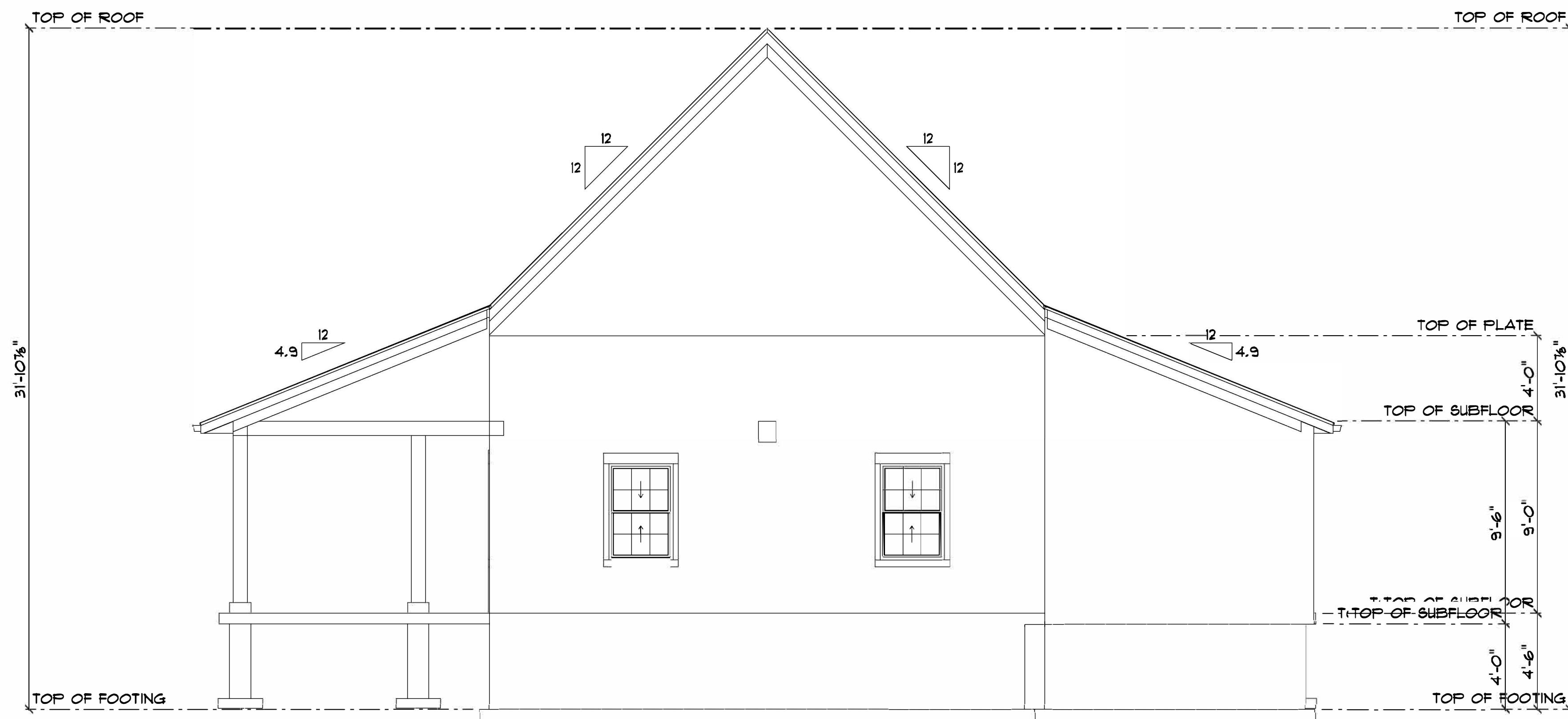
LOG CABIN RELOCATE  
2590 COUNTY RD 15  
NICK SORBARA

E 77F ' A8)



LOG CABIN RELOCATE  
2590 COUNTY RD 15  
NICK SORBARA

E 77F ( A8)



LOG CABIN RELOCATE  
2590 COUNTY RD 15  
NICK SORBARA