

HEARTH FRAMING DETAIL

## **STAIR NOTES:**

1. STAIRWAYS SHALL HAVE A MIN. WIDTH OF 36". HAND RAILS MAY ENCROACH A MAX. OF  $3\frac{1}{2}$ " INTO THE REQUIRED WIDTH.

- 2. TREADS SHALL HAVE A MIN. WIDTH OF 10". STAIR TREADS MUST BE UNIFORM AND CAN NOT VARY FROM THE LARGEST TO SMALLEST BY MORE THAN  $\frac{3}{8}$ ". 3. STAI
- RWAYS SHALL HAVE MIN. 6'-8" HEADROOM MEASURED AT THE NOSE OF THE STAIR.
- 4. ENCLOSED USABLE SPACE UNDER INTERIOR STAIRS SHALL BE PROTECTED ON THE
- ENCLOSED FACE WITH  $\frac{5}{8}$ " TYPE "X" GYPSUM BOARD. 5. STAIRWAYS SHALL HAVE AT LEASE ONE HANDRAIL LOCATED BETWEEN 34" AND 36" ABOVE THE NOSING
- OF TREADS AND LANDINGS. THE HAND GRIP PORTION OF HANDRAILS SHALL NOT BE LESS THAN  $1\frac{1}{2}$ " OR GREATER THAN 2" IN CROSS SECTIONAL DIMENSION. 6. HANDRAILS SHALL BE CONTINUOUS THE FULL LENGTH OF THE STAIR. THE ENDS OF HANDRAILS SHALL
- RETURN TO WALL OR TERMINATE INTO A NEWEL POST OR SAFETY TERMINAL. 7. STAIRWAYS LESS THAN 2 RISERS DO NOT REQUIRE A HAND RAIL
- 8. GUARDRAILS SHALL BE PROVIDED AT PORCHES, DECKS, BALCONIES, STAIRWAYS AND LANDINGS WHERE THE ADJACENT SURFACE IS GREATER THAN 30" BELOW AND SHALL HAVE A MINIMUM HEIGHT OF 36" HEIGHT.
- 9. RAILING AND GUARDRAIL BALUSTER SPACING SHALL BE NO GREATER THAN 4" 10. THE TRIANGULAR OPENING FORMED BY THE RISER, TREAD,, AND BOTTOM OF GUARDRAIL SHALL NOT ALLOW A 6" DIAMETER SPHERE TO PASS THROUGH
- 11. ALL STAIRS SHALL BE PROVIDED WITH AN ARTIFICAL LIGHT SOURCE LOCATED IN THE IMMEDIATE VICINITY OF EACH LANDING AT THE TOP AND BOTTOM OF THE STAIR. EXTERIOR STAIRS SHALLL BE PROVIDED
- WITH AN ARTIFICAL LIGHT SOURCE LOCATED IN THE IMMEDIATE VICINTY OF THE TOP OF THE STAIR.

# **STAIR NOTES**

HANDRAILS:

- A. PROVIDE HANDRAILS AT ONE SIDE OF STAIR.
- B. MINIMUM HEIGHT OF RAILING ABOVE TREADS 32" MIN. 36" MAX.

C. EXTEND HANDRAILS 12" BEYOND NOSING OF TOP TREAD AND 12" PLUS TREAD WIDTH BEYOND THE BOTTOM NOSING.

D. RETURN AND TERMINATE ENDS OF HANDRAILS TO WALL.

E. PROVIDE 1 ½" CLEAR BETWEEN HANDRAIL

F. CROSS-SECTIONAL DIMENSION HAND GRIP PORTION OF HANDRAILS: 1  $\frac{1}{4}$ " MINIMUM.

### TREADS:

AND WALL.

- A. ALL TREADS ARE TO BE SLIP RESISTANT.
- B. ALL EXPOSED EDGES OF TREADS ARE TO BE SMOOTH, ROUNDED OR CHAMPHERED. NO ABRUPT EDGES AT

### LOWER FRONT EDGE OF NOSINGS. NOSINGS:

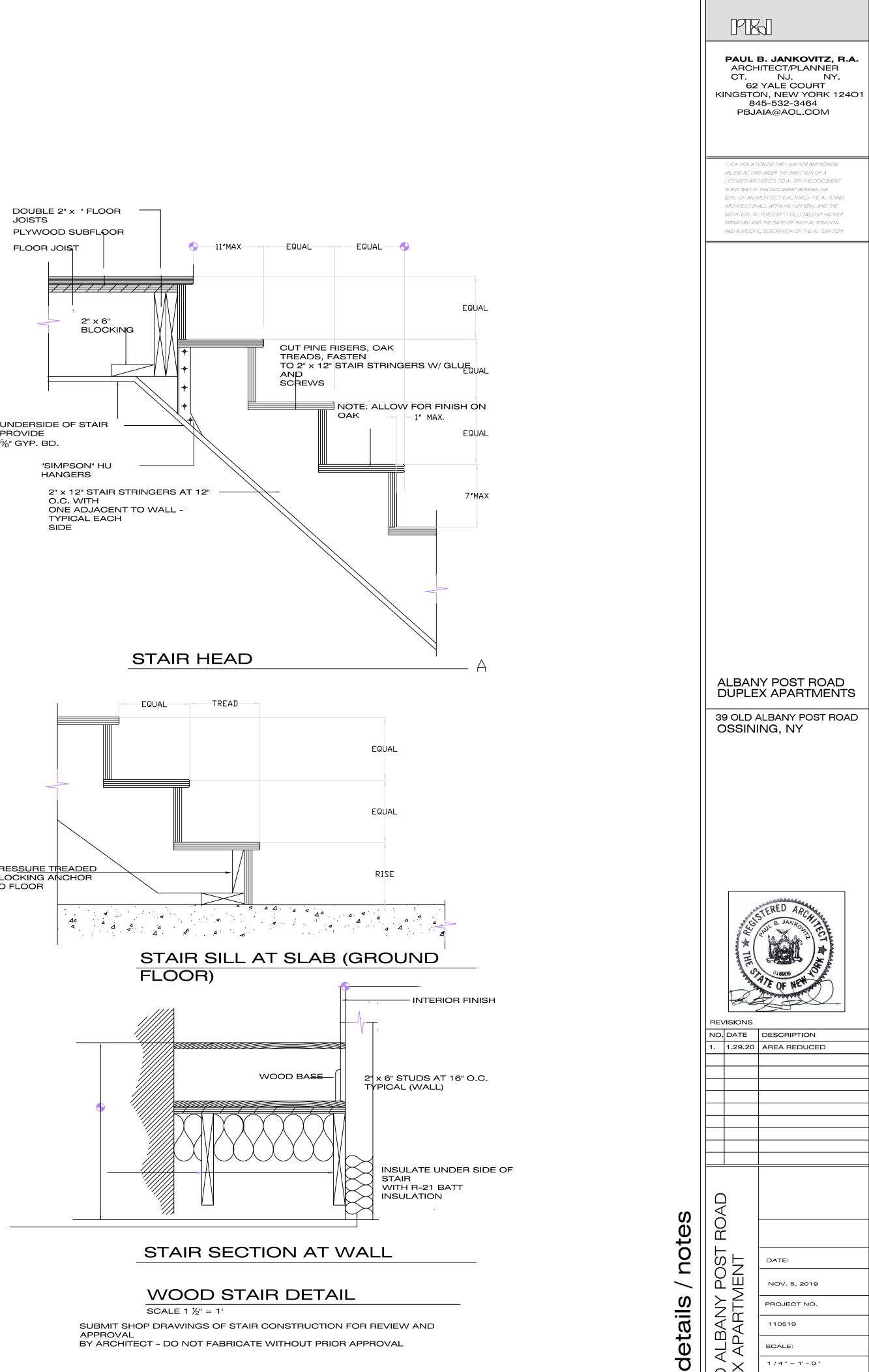
A. NOSING PROJECTION PAST FACE OR RISER - FLUSH.

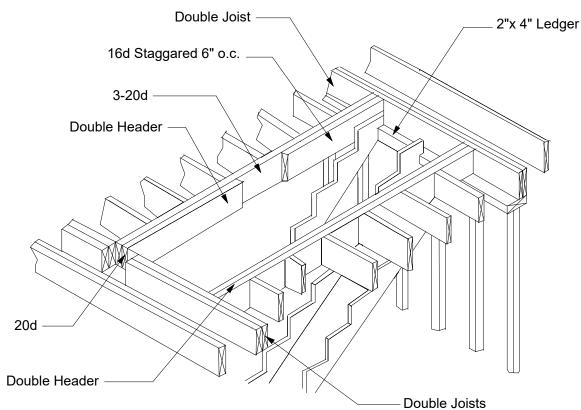
#### **RISERS**:

- A. ALL RISERS SHALL BE SOLID DIMENSIONS:
- A. RISER MAX. 8  $\frac{1}{4}$ "
- B. TREADS 10" MINIMUM PLUS 1" NOSING MAXIMUM VARIATION IN HEIGHTS OF RISERS OR WIDTH OF TREADS IN ANY GIVEN FLIGHT .375".
- B. PROFILE: THE RADIUS OF CURVATURE AT THE LEADING EDGE OF THE TREAD SHALL BE NOT GREATER
- THAN 0.5 INCHES. BEVELING OF NOSINGS SHALL NOT EXCEED 0.5". RISERS SHALL BE SOLID AND VERTICAL OR SLOPED FROM
- THE UNDERSIDE OF THE LEADING EDGE OF THE TREAD ABOVE AT AN ANGLE NOT MORE THAN 30 DEGREES FROM THE

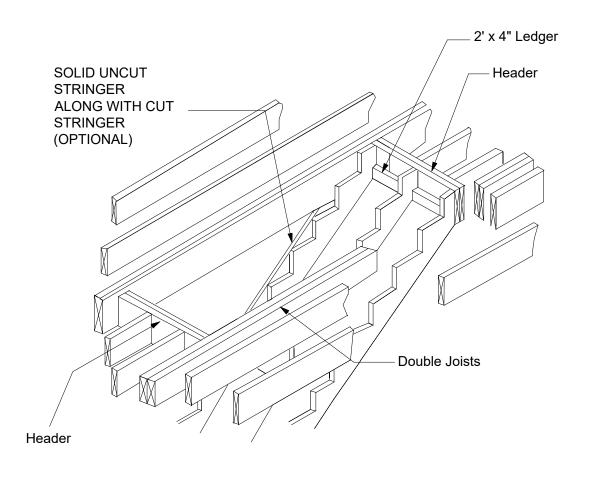


PARALLEL TO JOISTS

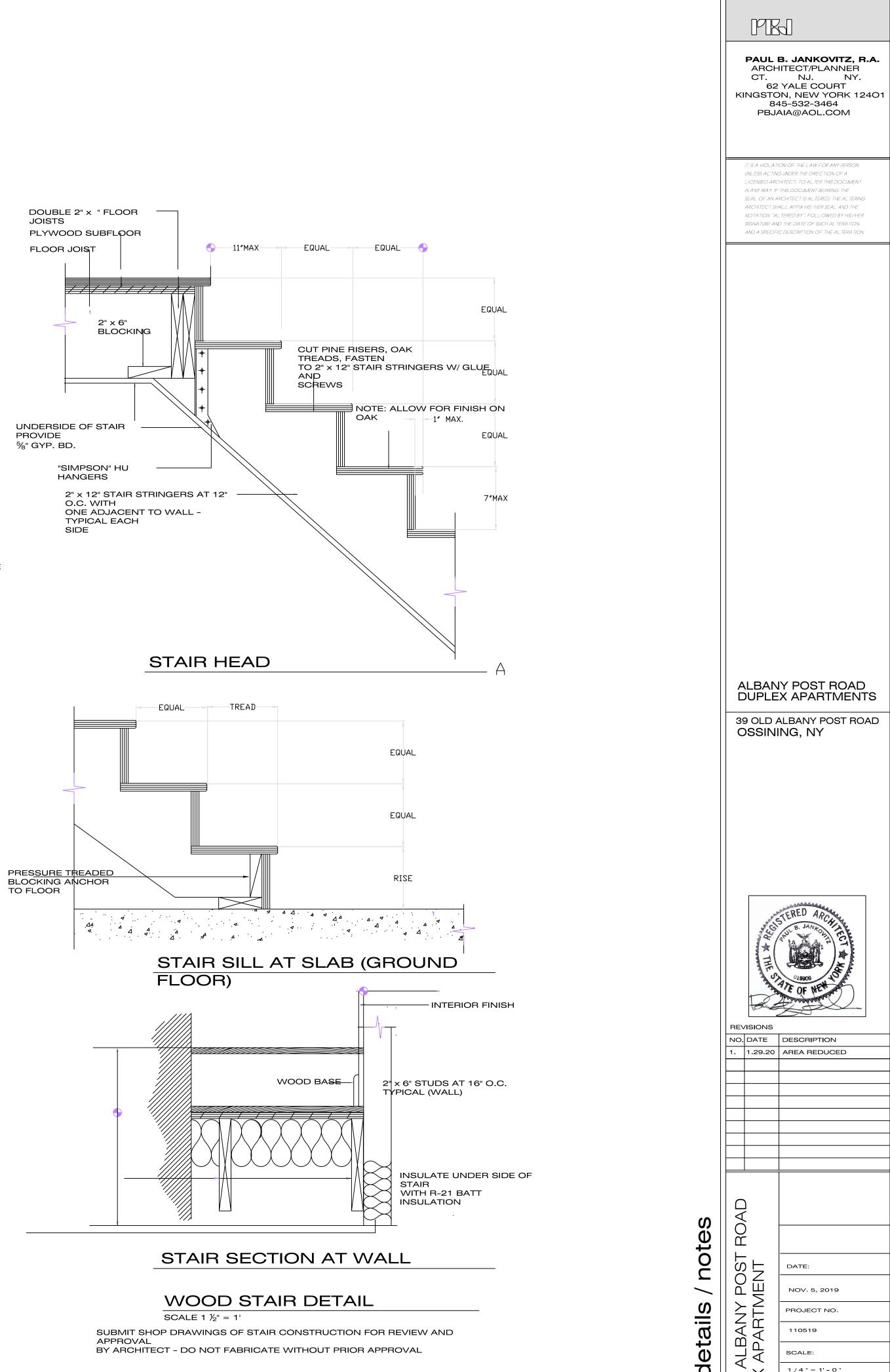


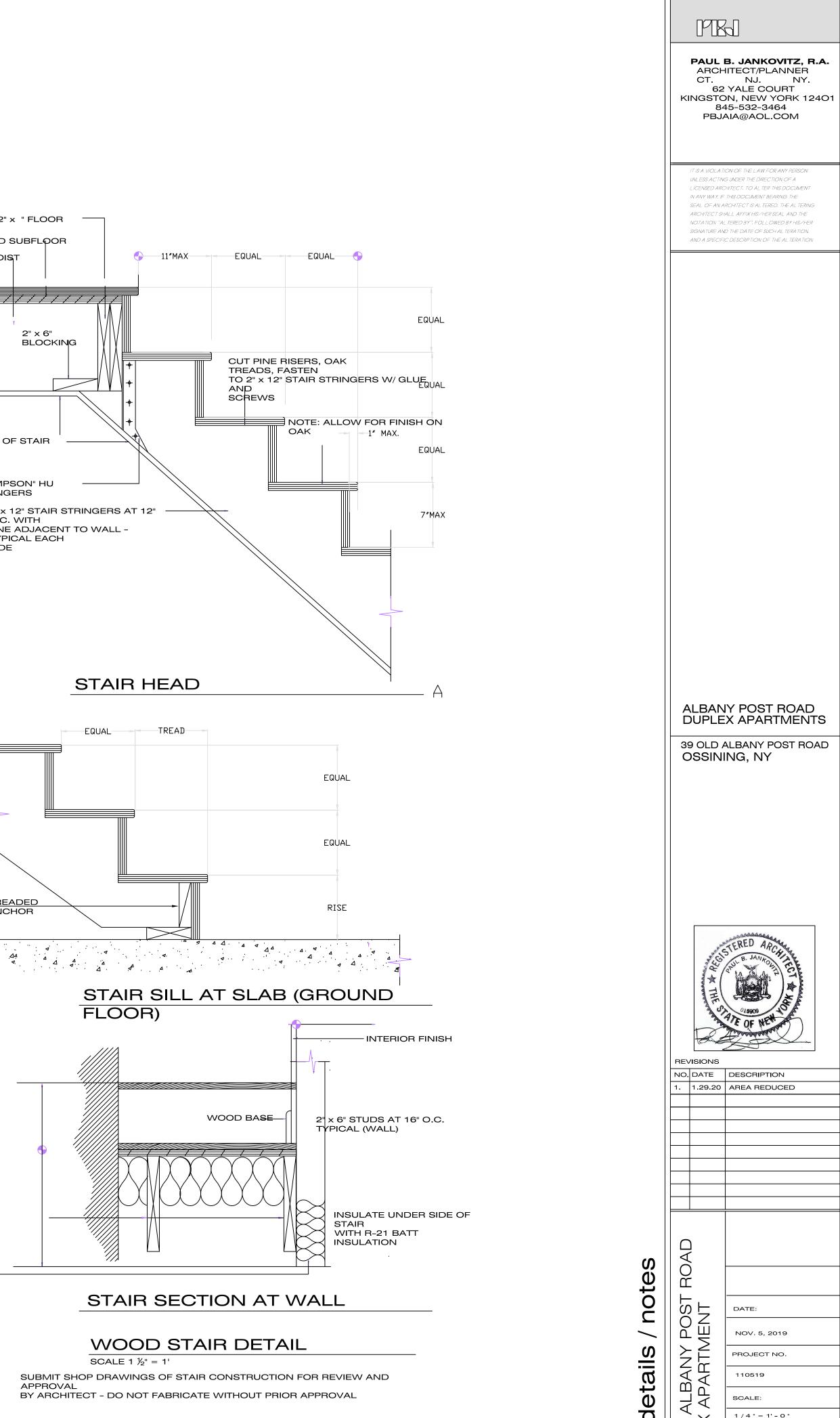


JOISTS PERPENDICULAR TO STAIRS



JOIST PARALLEL TO STAIRS **FLOOR OPENINGS** 





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