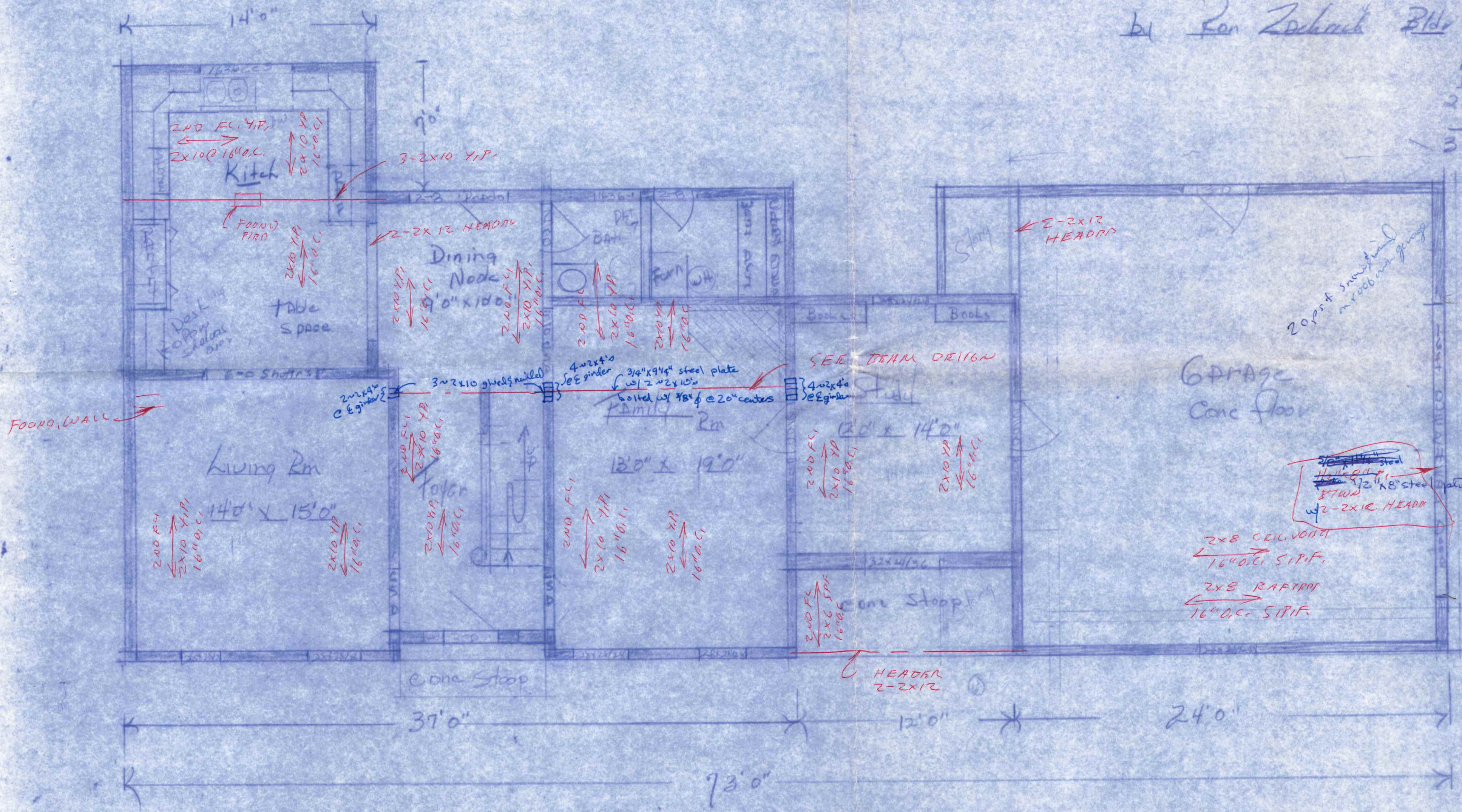


# Proposed Custom Dwelling for Mr & Mrs Greg Wisniewski

by Ron Zecher P.E.

1228 Sq Ft 1st flr  
1228 Sq Ft 2nd flr  
2456 Sq Ft L. Area  
678 Sq Ft Garage  
3104 total Sq Ft



Garage  
Conc floor

26'0"

191  
Old  
Creek



HEADERS EXTERIOR BEARING WALL  
UNLESS NOTED OTHERWISE 2-2X12

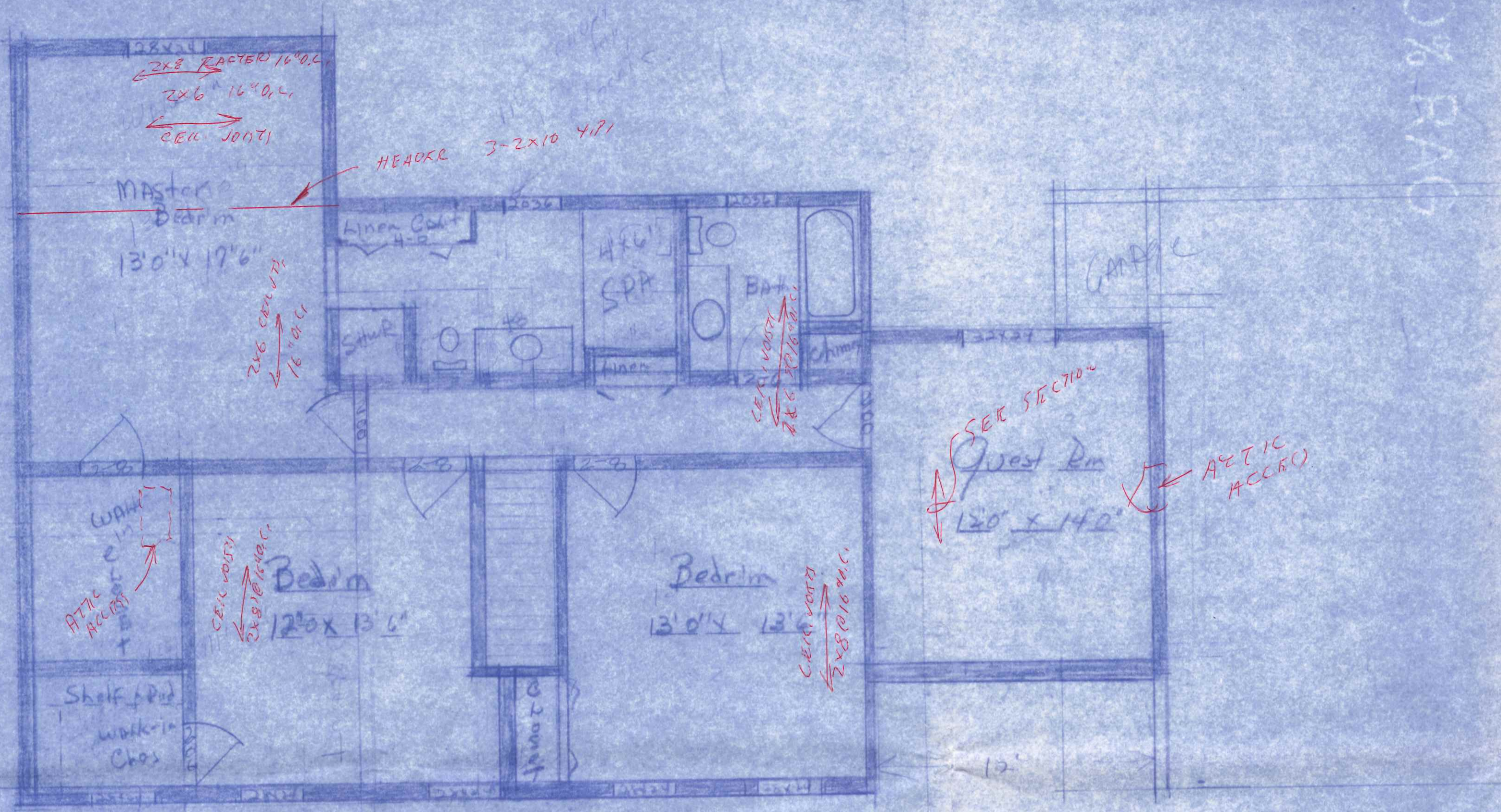
FIRST FLR JOISTS #2 YELLOW PINE  
2ND FLR JOISTS #2 YELLOW PINE  
CEILING JOISTS #2 S.P.F.  
RAFTERS #2 S.P.F.

Revised 3-24-87, RFB

Approved as revised:  
Richard F. Bertz, P.E.  
Registered Engineer  
# 48039

COPY OF  
NOTES  
ON THIS  
ATTACHED TO CONTRACT  
COPY

100% RAG



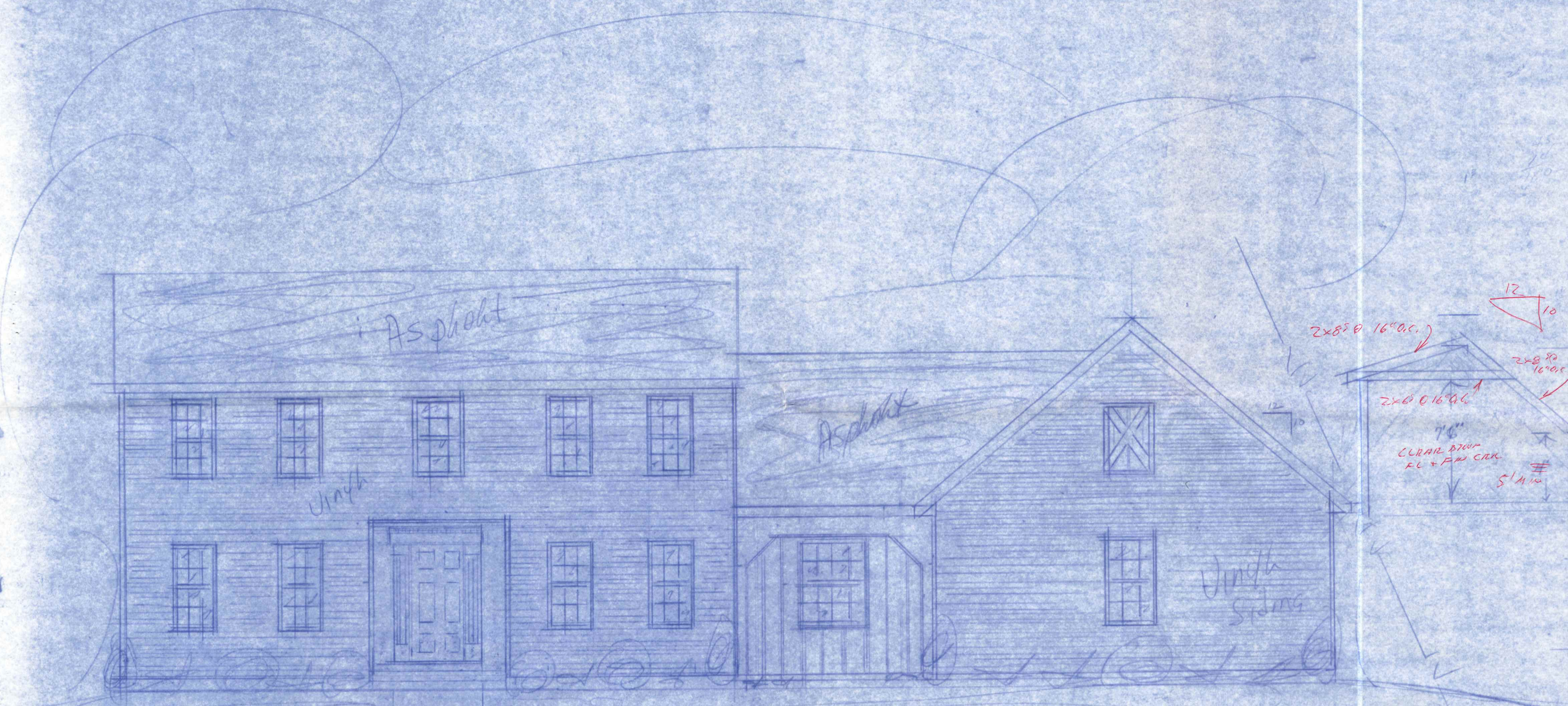
2nd Floor

Wisniewski's  
by Ron Zachner

BEDROOM WINDOW CLEAR OPENING  
32" WIDE X 26" HIGH = 5.87 Sq. Ft.

100% RAG

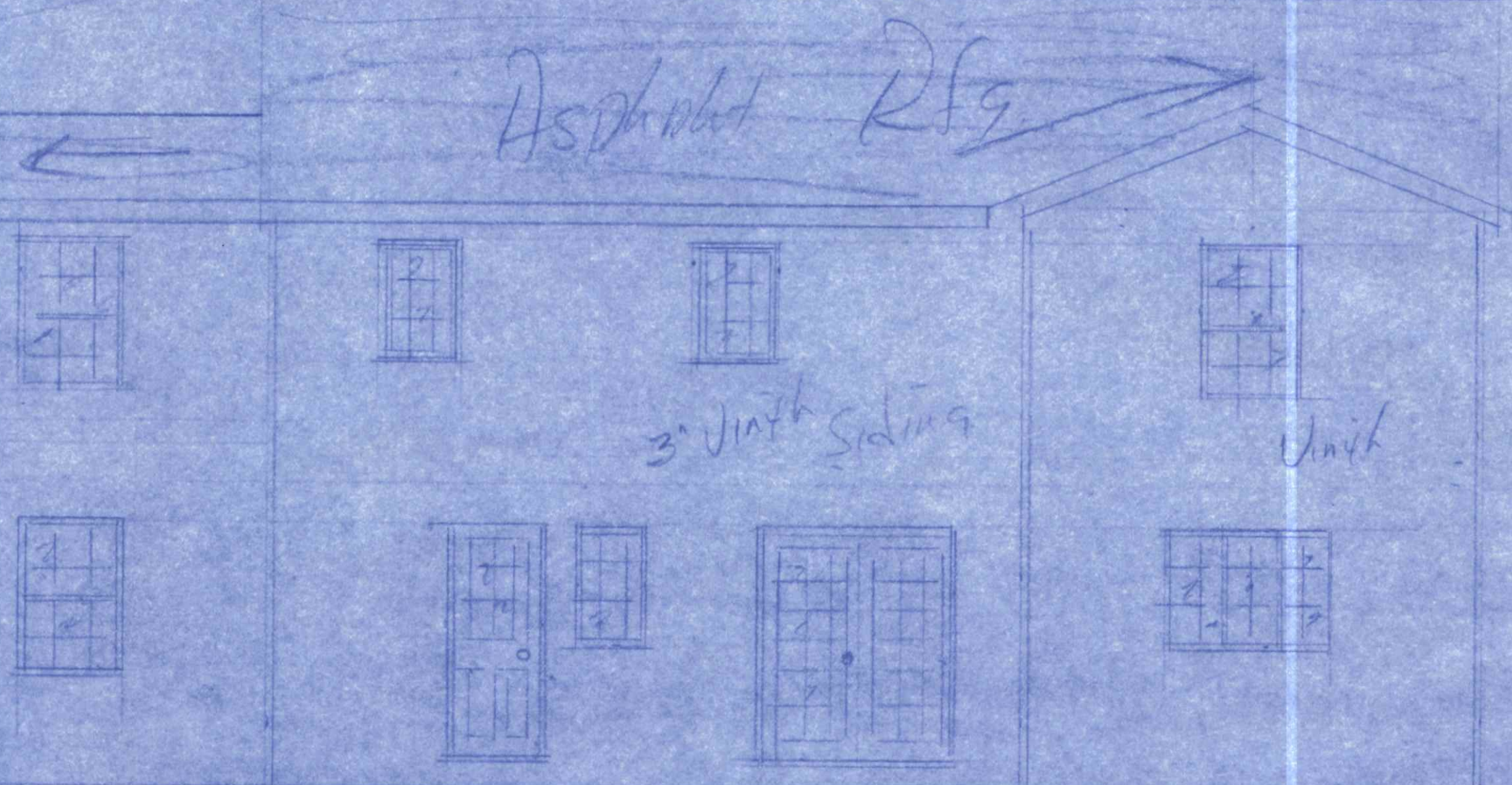
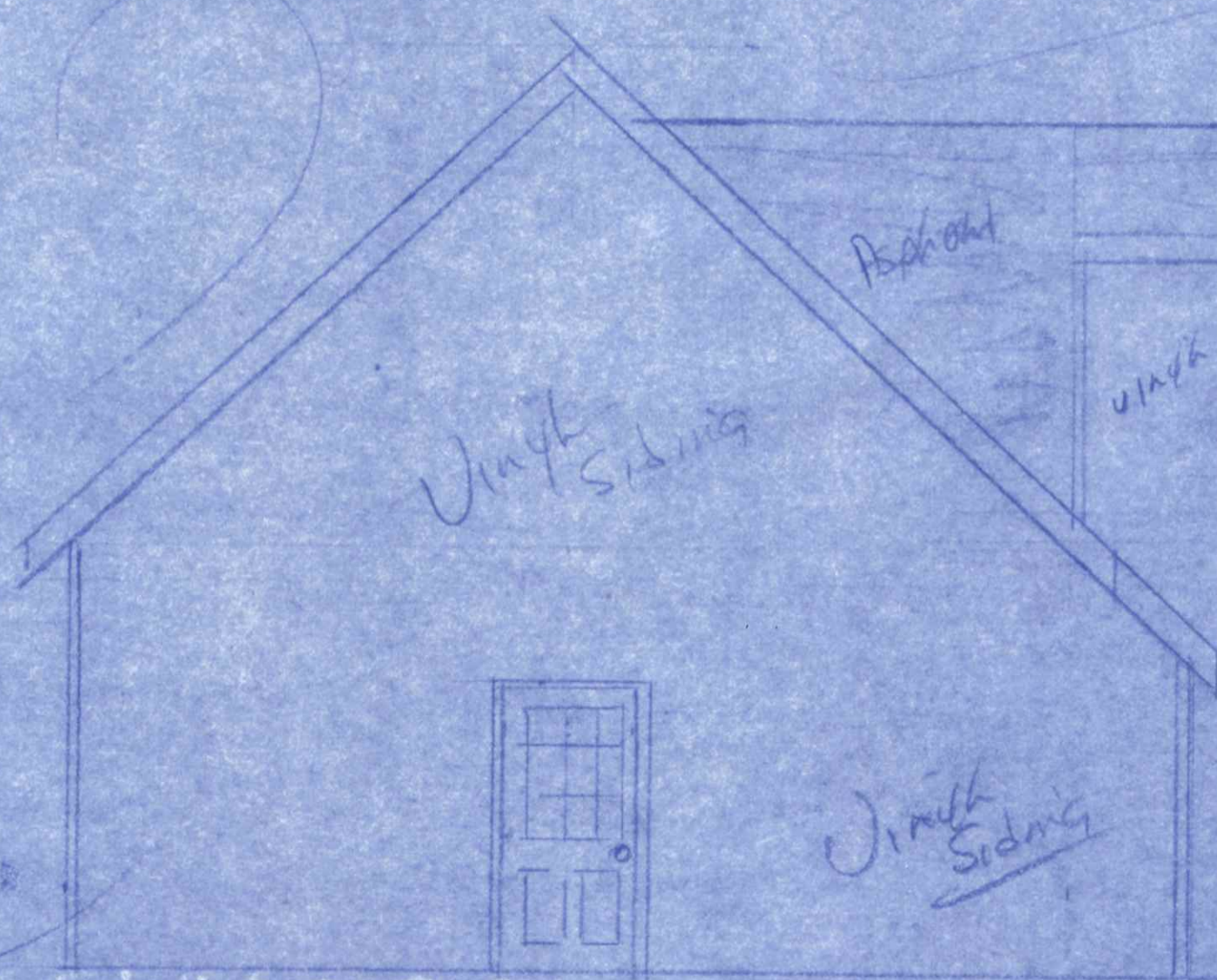
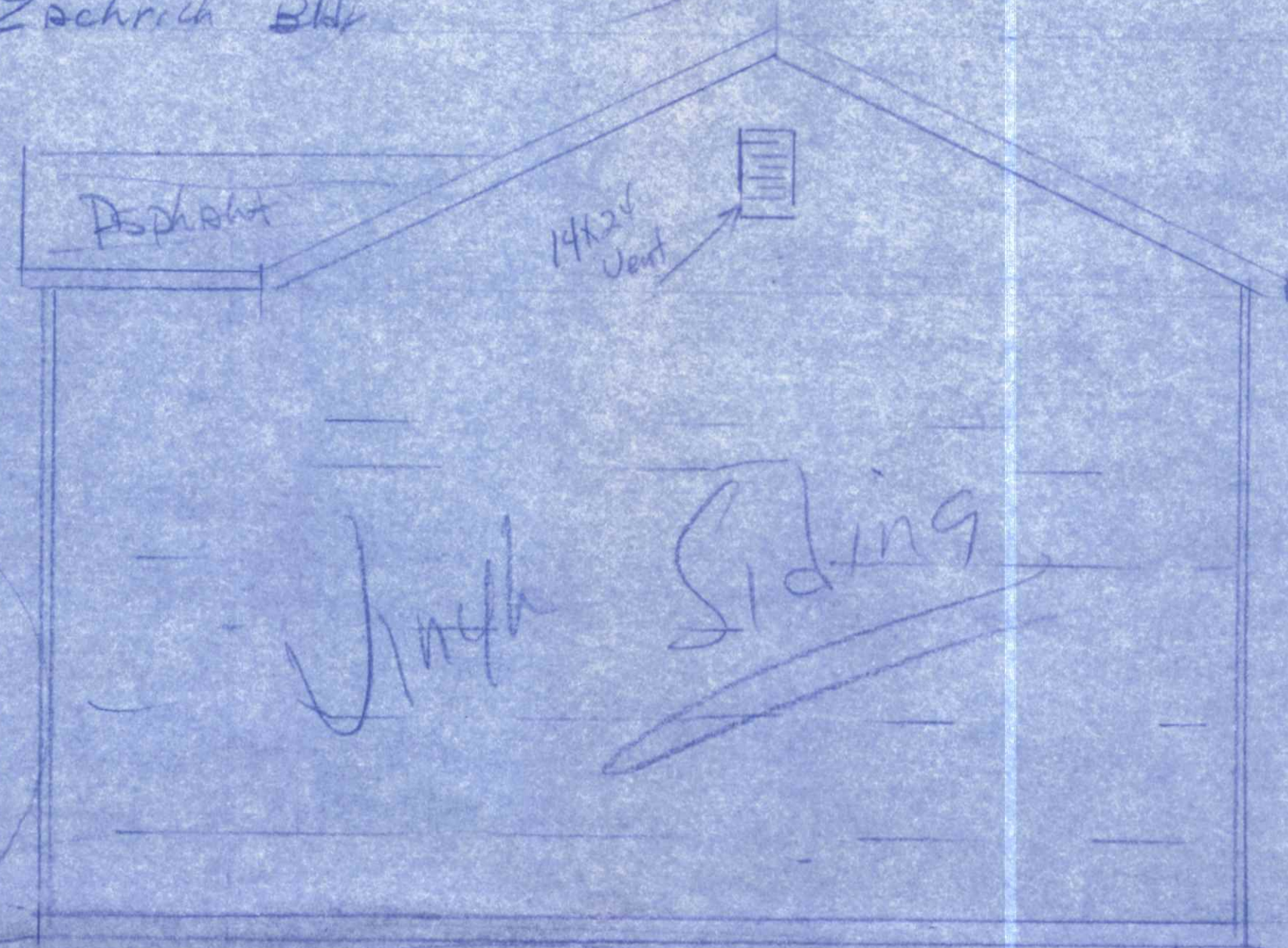
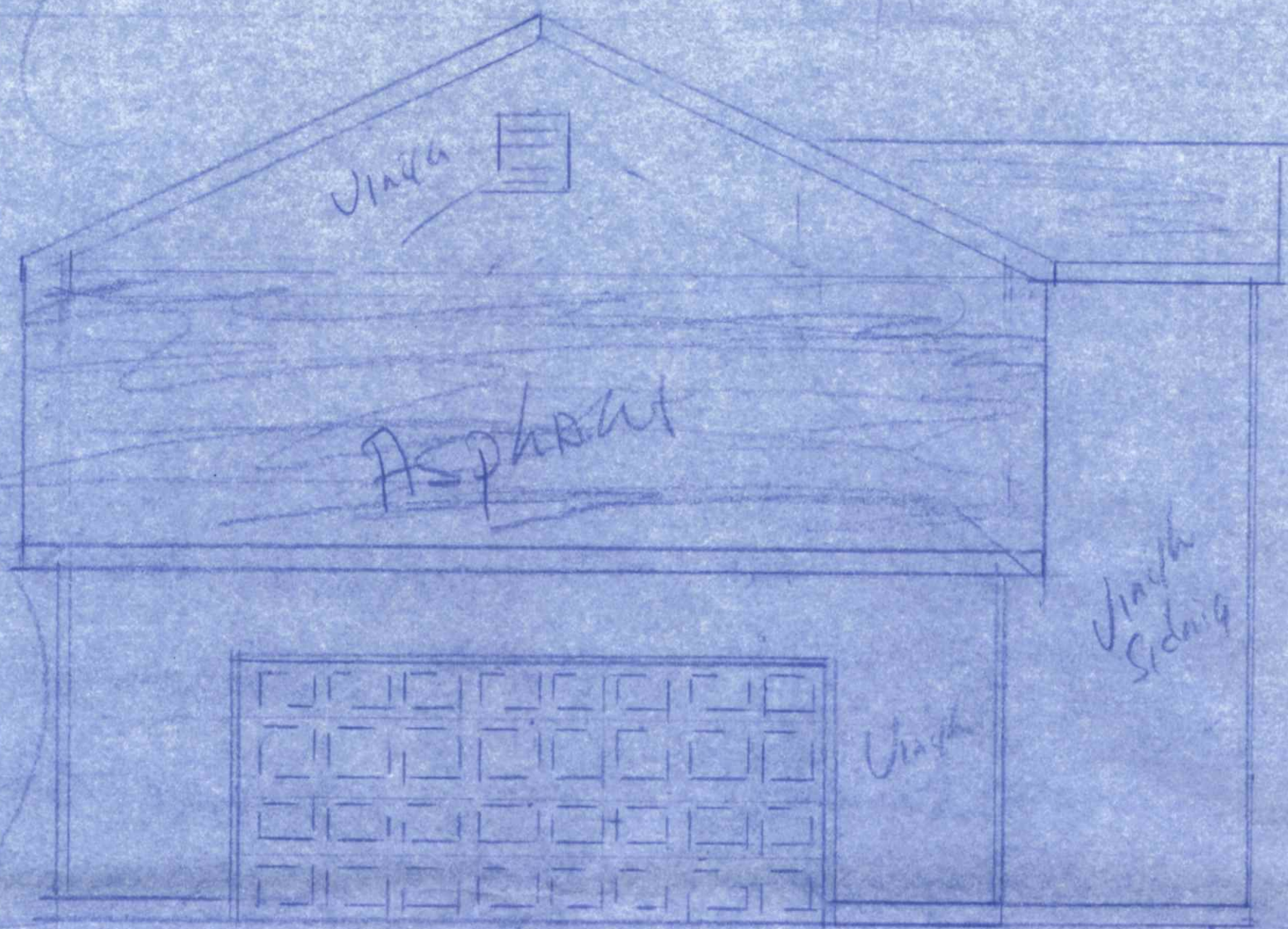
100% RAG



front Elevation

Mr & Mrs Greg Wisniewski  
by Ron Zedrich

Wisnieuski Erections  
by Ron Zachrich Bldg



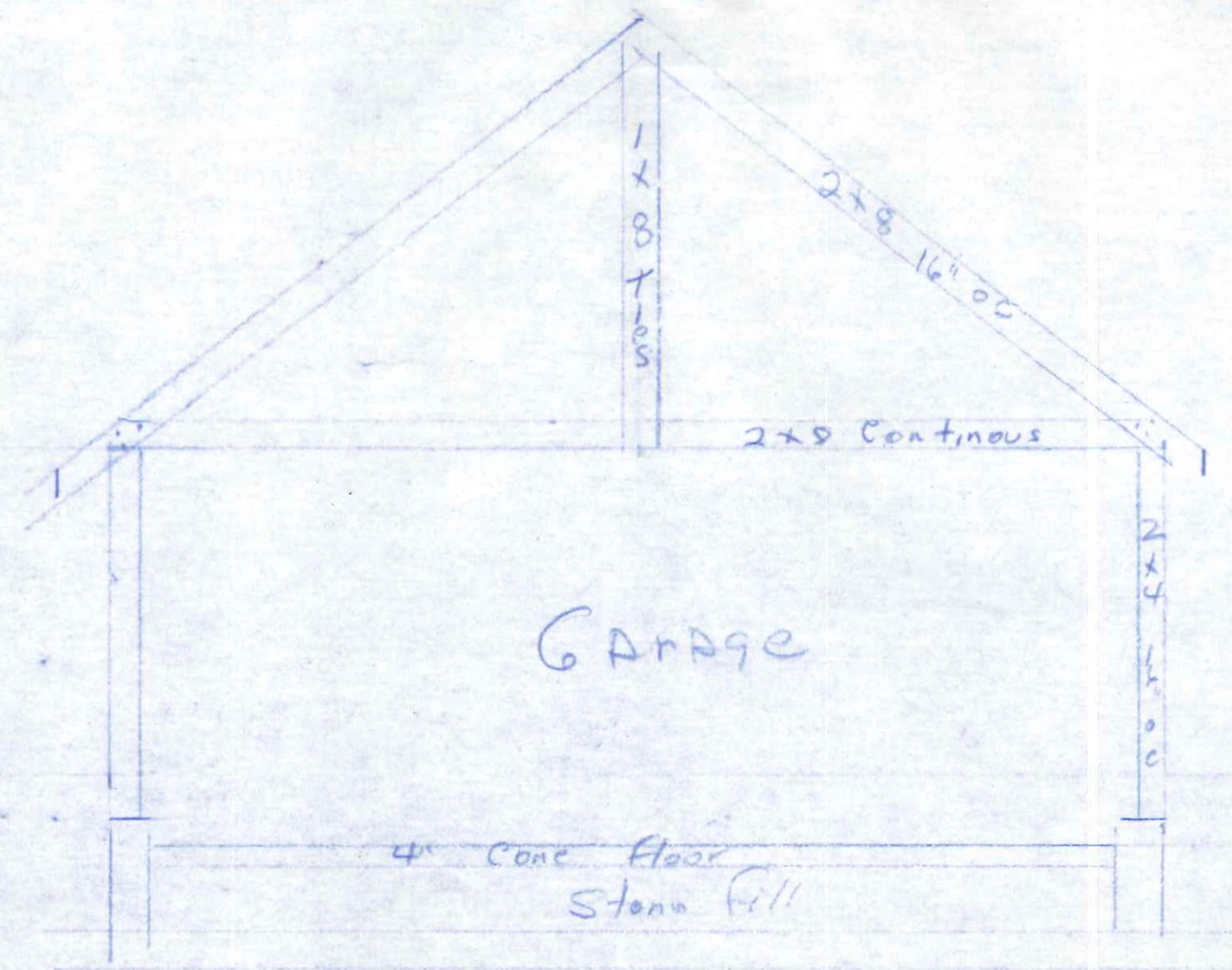
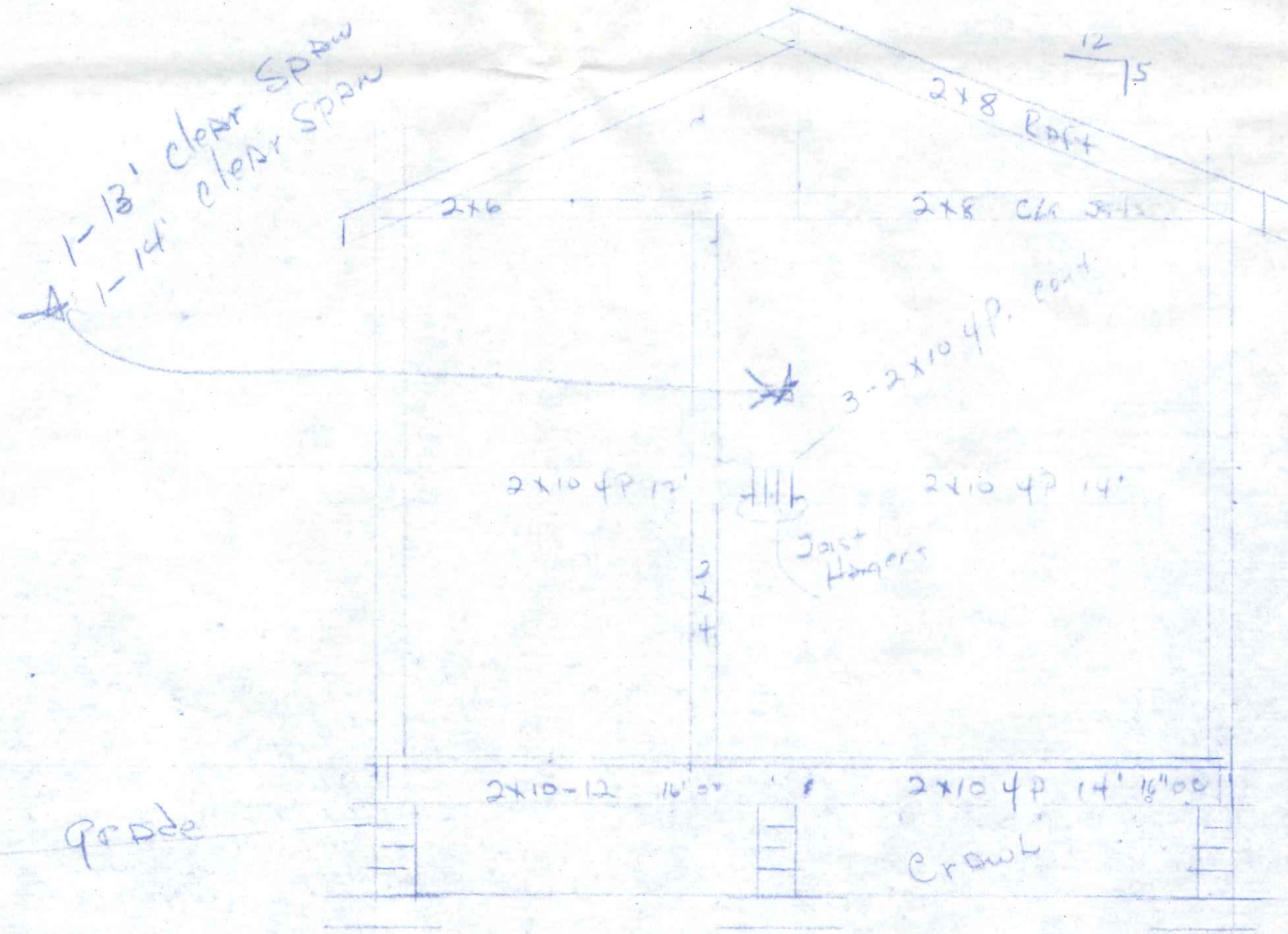
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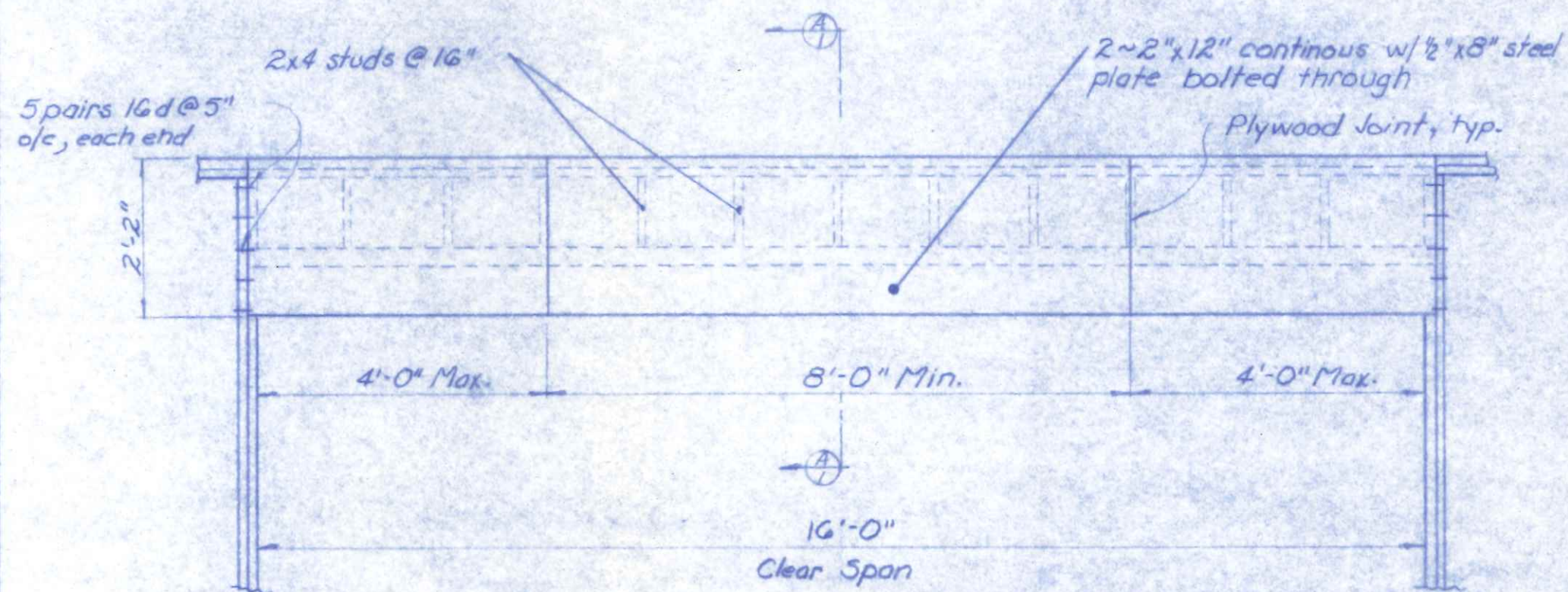
100% RAG

Cross Section

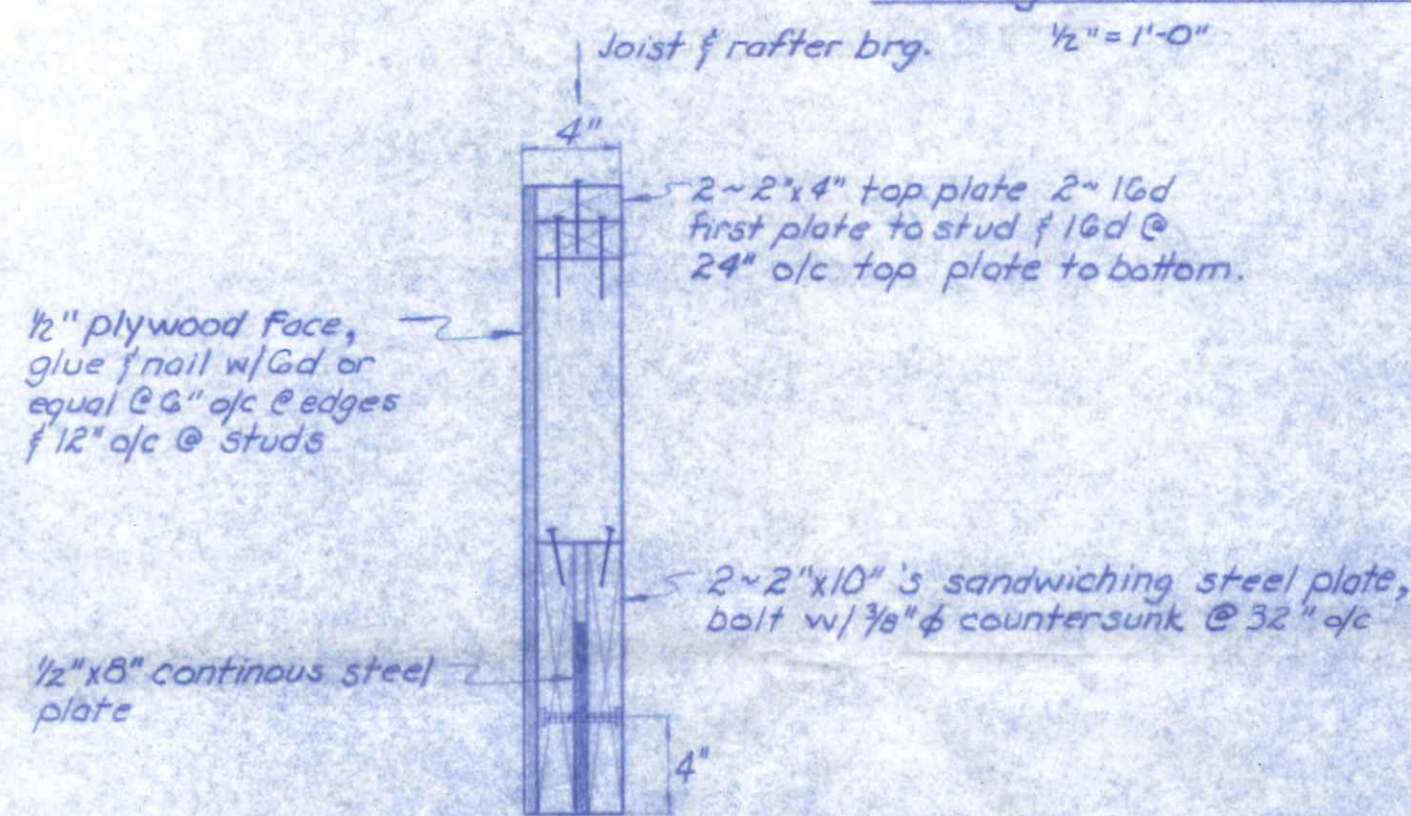
Wisniewski Job

Ron Zachrich BHR





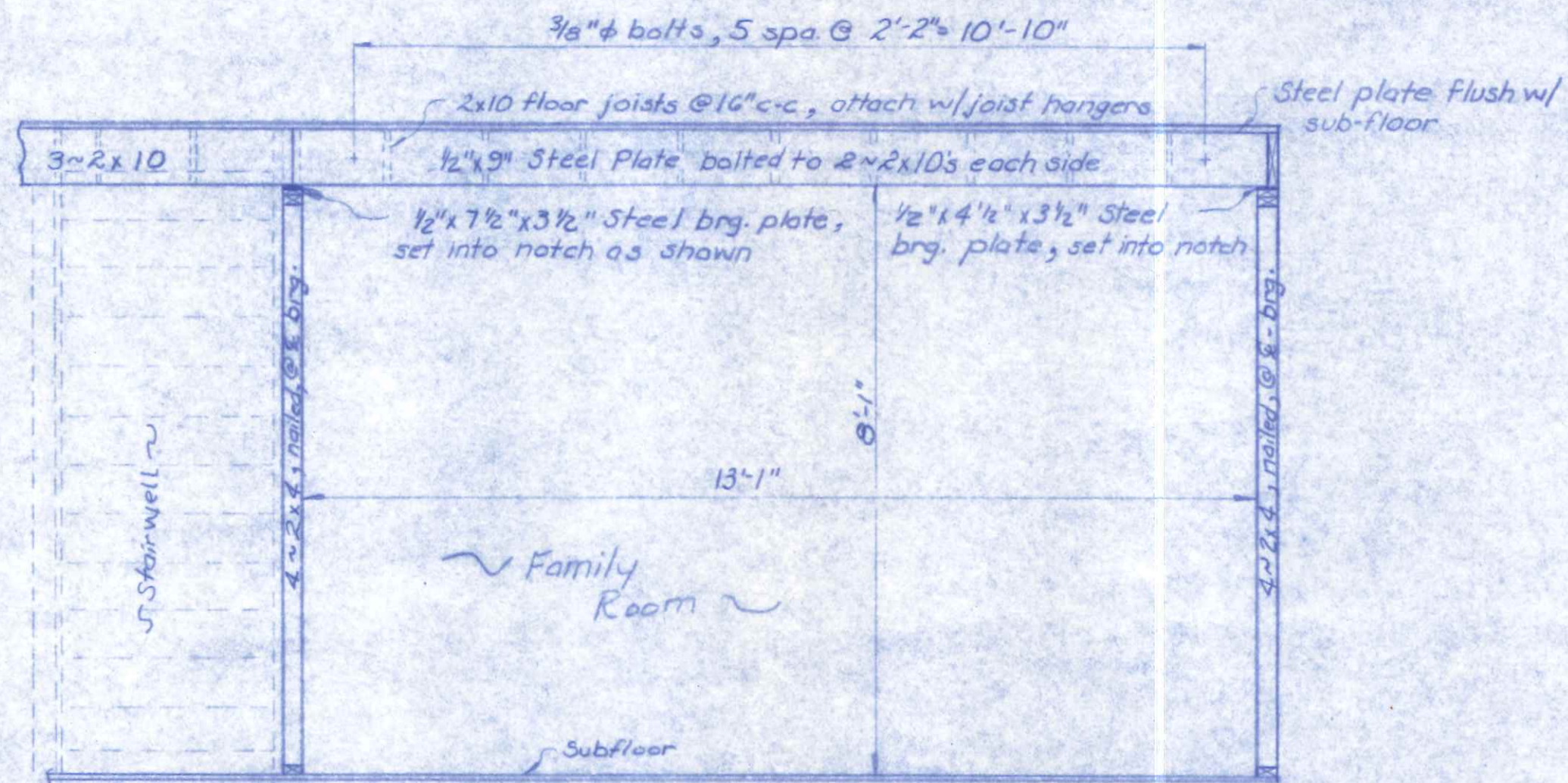
Garage Header Detail



SECTION A-1  
1 1/2" = 1'-0"

Assumed Loads:  
30 psf Roof Live & Dead  
30 psf Ceiling Live & Dead  
60 psf Total w/12' tributary load

Lumber Design Values:  
2x4:  $F_b = 1,150 \text{ psi}$ ;  $E = 1,400,000 \text{ psi}$   
2x10:  $F_b = 1,350 \text{ psi}$ ;  $E = 1,600,000 \text{ psi}$   
Steel Plates: A36, 36 ksi yield pt.



Floor Girder Detail

1/2" = 1'-0"

YELLOW PINE

DESIGN DATA:

2x4:  $F_b = 1,150 \text{ psi}$ ;  $E = 1,400,000 \text{ psi}$   
2x10:  $F_b = 1,350 \text{ psi}$ ;  $E = 1,600,000 \text{ psi}$   
Steel Plates:  $F_y = 36 \text{ ksi}$   
Live Loading = 30 p.s.f.  
Dead Loading = 15 p.s.f.  
~~30~~ Live Loading = 20 p.s.f.  
Total Design Loading = 75 p.s.f.  
Tributary Width = 13'-0"

CEILING



Richard F. Bertz  
Richard F. Bertz, P.E.  
Registered Engineer #48035