

Bridgers Residence
447 Victoria Hills Drive S.
Fuquay Varina, NC 27526

Lot 86 Victoria Hills

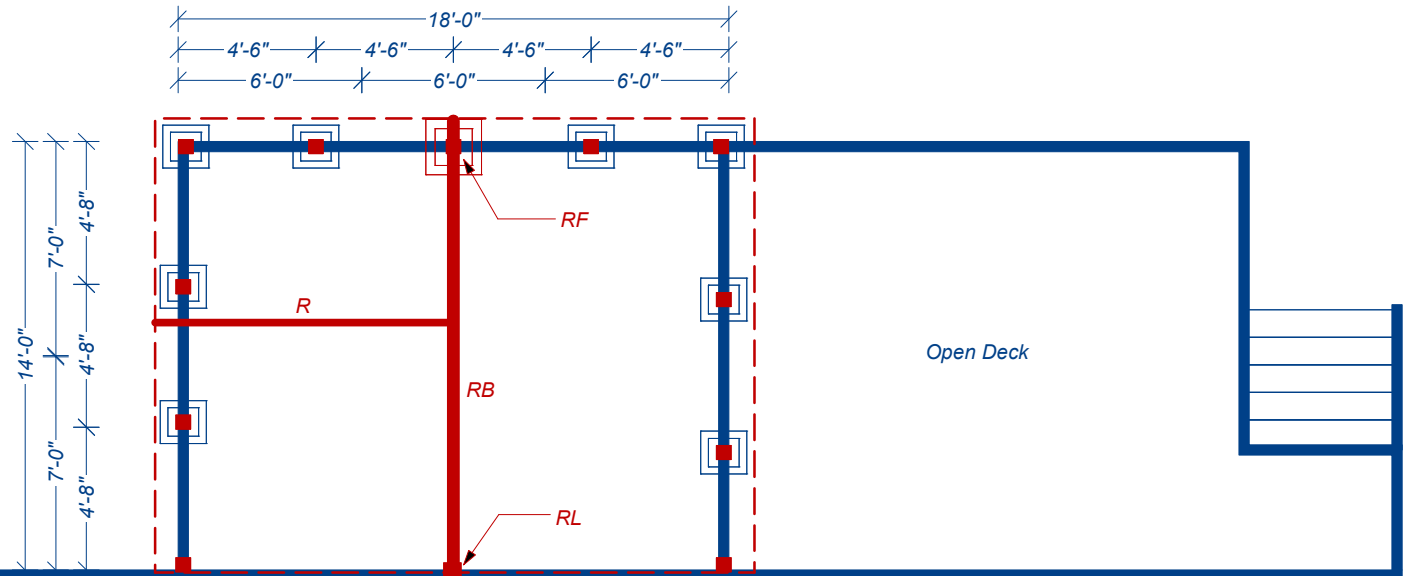
Plans By Dennis Roberts
DBR Construction, LLC
1040 White Fir Drive
Wake Forest, NC 27587
(919) 291-9268
NCGC License # 79327

Floor Framing Plan

A = (2) 2x10 PT Bands / Girders / Joists
B = 2x10 PT Band
C = 2x10 PT Floor Joists @ 16" O.C.
D = 2x8 Floor Joists @ 16" O.C.
LL = LedgerLok Screws: 3 @ 12" O.C.
L90 = Simpson L90 Corner Support Brackets
■ = 6x6 PT Wall / Support Posts

■ = 18 x 18 x 8 Poured Concrete Footings

■ = New 16x16x8 Precast CMU Footings



Bridgers Residence
447 Victoria Hills Drive S.
Fuquay Varina, NC 27526

Lot 86 Victoria Hills

Plans By Dennis Roberts
DBR Construction, LLC
1040 White Fir Drive
Wake Forest, NC 27587
(919) 291-9268
NCGC License # 79327

Roof Framing Plan

RB = 1-3/4" x 14" LVL Ridge Beam

R = 2x8 Rafters @ 16" O.C.

RL = Ridge Beam Support to Load Bearing Wall

RF = Ridge Beam Support Direct to Footing

P. E. TEAGUE, P.E., PLLC
2705 WATERLOO CT., RAL, NC 27613
PETEAGUE50@GMAIL.COM
(919)247-2572

July 3, 2025

(Lic. #P-0207)

To: Dennis Roberts

Subject: Bridgers Residence
447 Victoria Hills Drive S.
Fuquay Varina, NC

To Whom It May Concern,

The observations have been made on subject project. The calculations have been done on the ridge beam. The (1)14" LVL ridge beam is adequate to support the roof load for the screen porch a (2) stud column on the interior end onto the existing foundation wall. The ridge beam is supported by a 6x6 post with 20"x20"x8" concrete footing on the exterior end. Install 18" CS22 straps to the ridge and opposing rafters making 9" overlap onto each rafter to prevent uplift. No collar ties are required.

If you have any questions, please feel free to call me at (919)247-2572.

Sincerely,

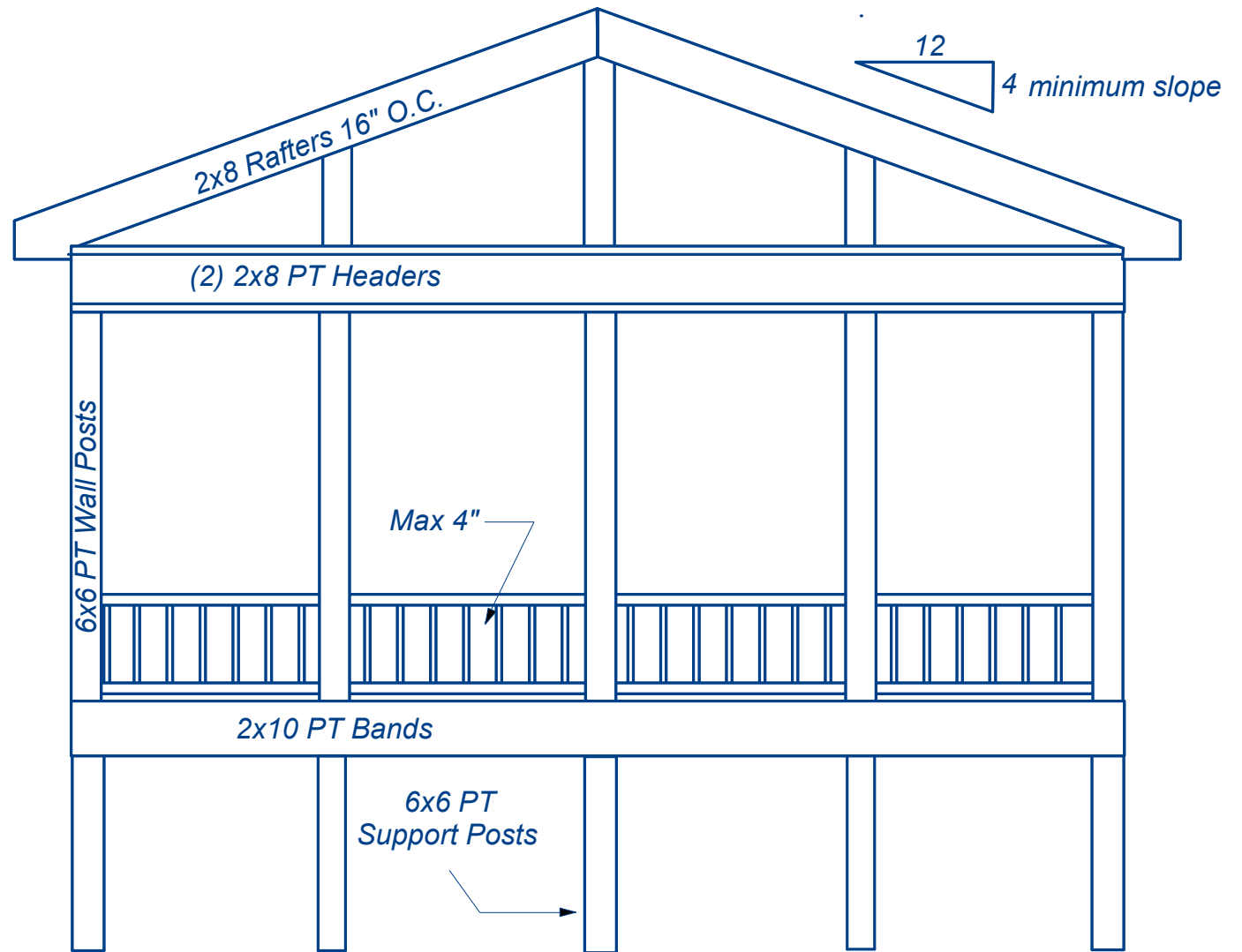


Patrick E. Teague, P.E.



7/03/25

Wall Framing Plan



Bridgers Residence
447 Victoria Hills Drive S.
Fuquay Varina, NC 27526

Lot 86 Victoria Hills

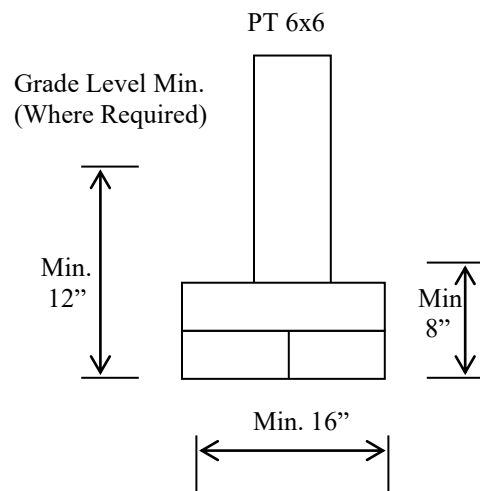
Plans By Dennis Roberts
DBR Construction, LLC
1040 White Fir Drive
Wake Forest, NC 27587
(919) 291-9268
NCGC License # 79327

Bridgers Residence
447 Victoria Hills Drive S.
Fuquay Varina, NC 27526

Lot 86 Victoria Hills

Plans By Dennis Roberts
DBR Construction, LLC
1040 White Fir Drive
Wake Forest, NC 27587
(919) 291-9268
NCGC License # 79327

FOOTING DETAIL



RAIL DETAIL

