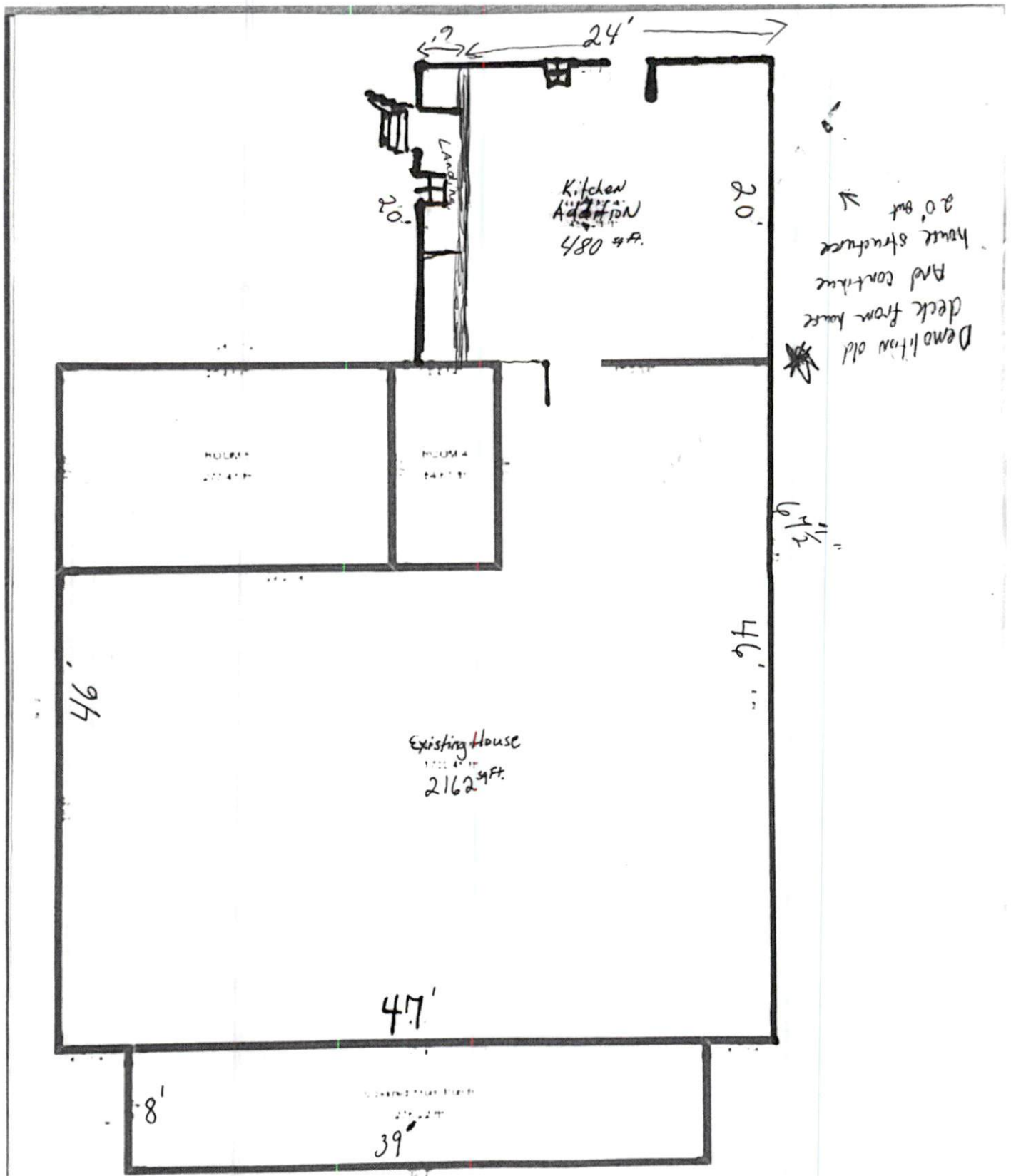


(1995 Parks church Rd Ferguson, Wash DC)

:BASE outline of Existing Home.

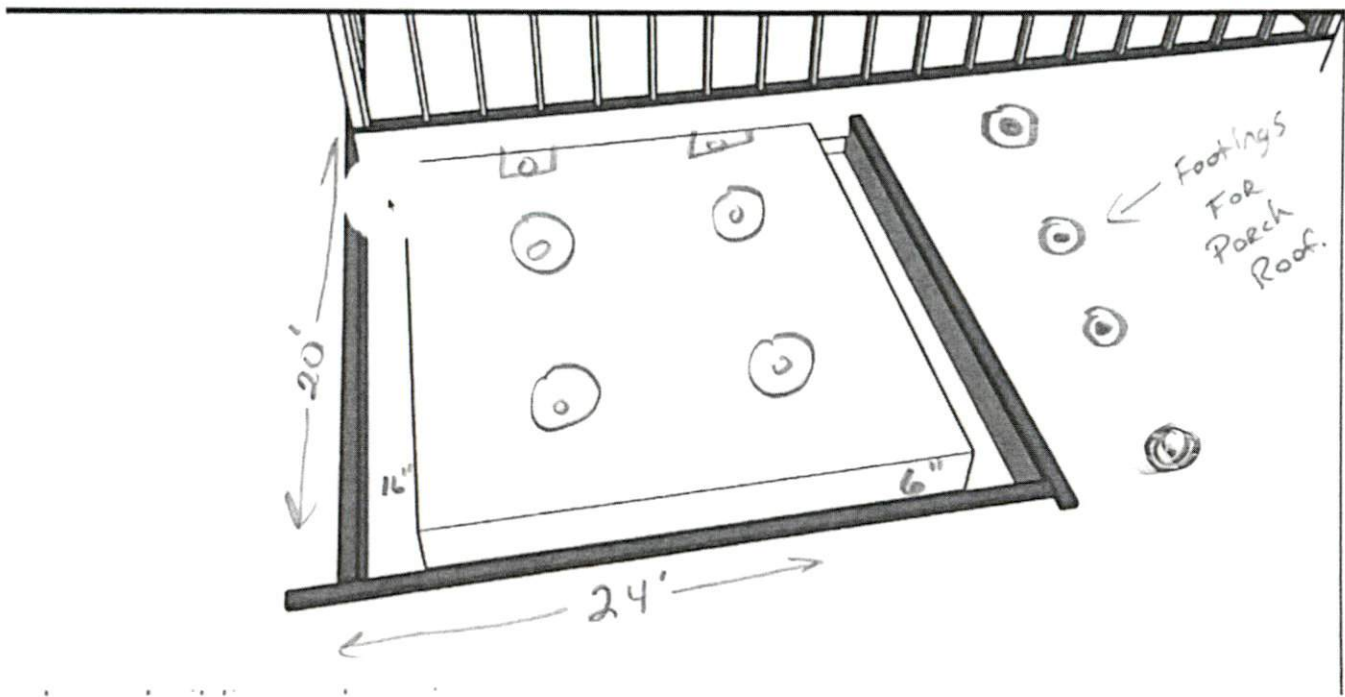


* Proposed: Kitchen/Dining Room Addition.

Foundation
16x6"

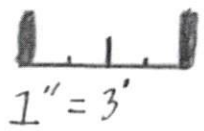
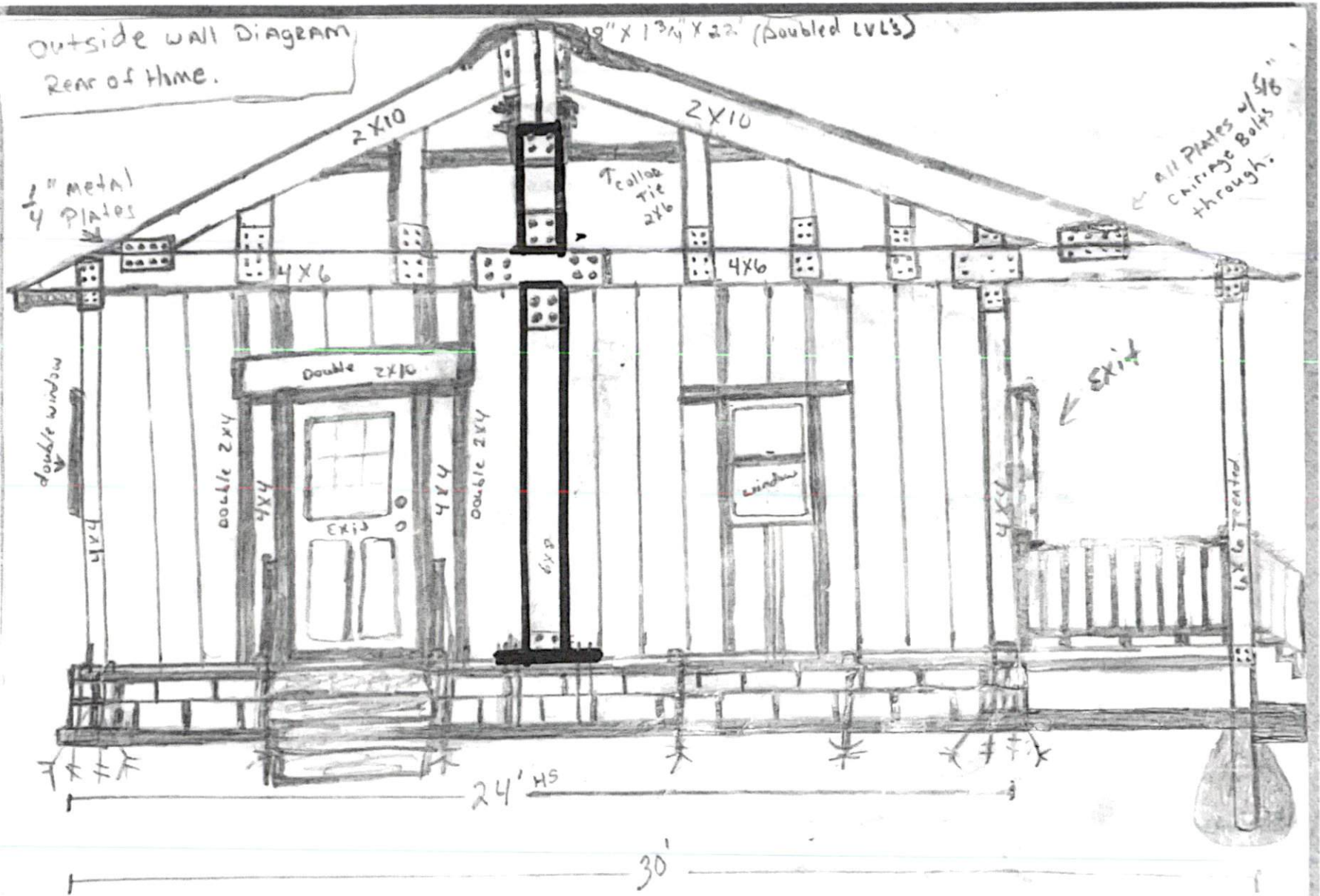
2 Blocks high

with Footings at every 6 Feet apart



Footings
For
Porch
Roof.

Outside Wall Diagram
Rear of Home.



★ Vaulted ceiling (Roof structure of Addition.)
"outside wall"

Metal straps
connecting Rafter
to Rafter across
Ridge Beam

Double Ridge Beam
2pc Bolted + Strapped
(LVL's 18" X 1 3/4" X 22')

Rafters to be
2X10's to Allow for
AIR Layers + insulation.

← carriage bolts
through (5/8")

← collar ties doubled
at every 3rd Rafter
on either side bolted
through. 5/8" carriage
Bolts

← Hurricane
Ties inside
Bird's mouth

← Knees on
sable end
For gusset
support

← collar ties (1/2")
& Rafter length placement

→ overhang
to match
House.

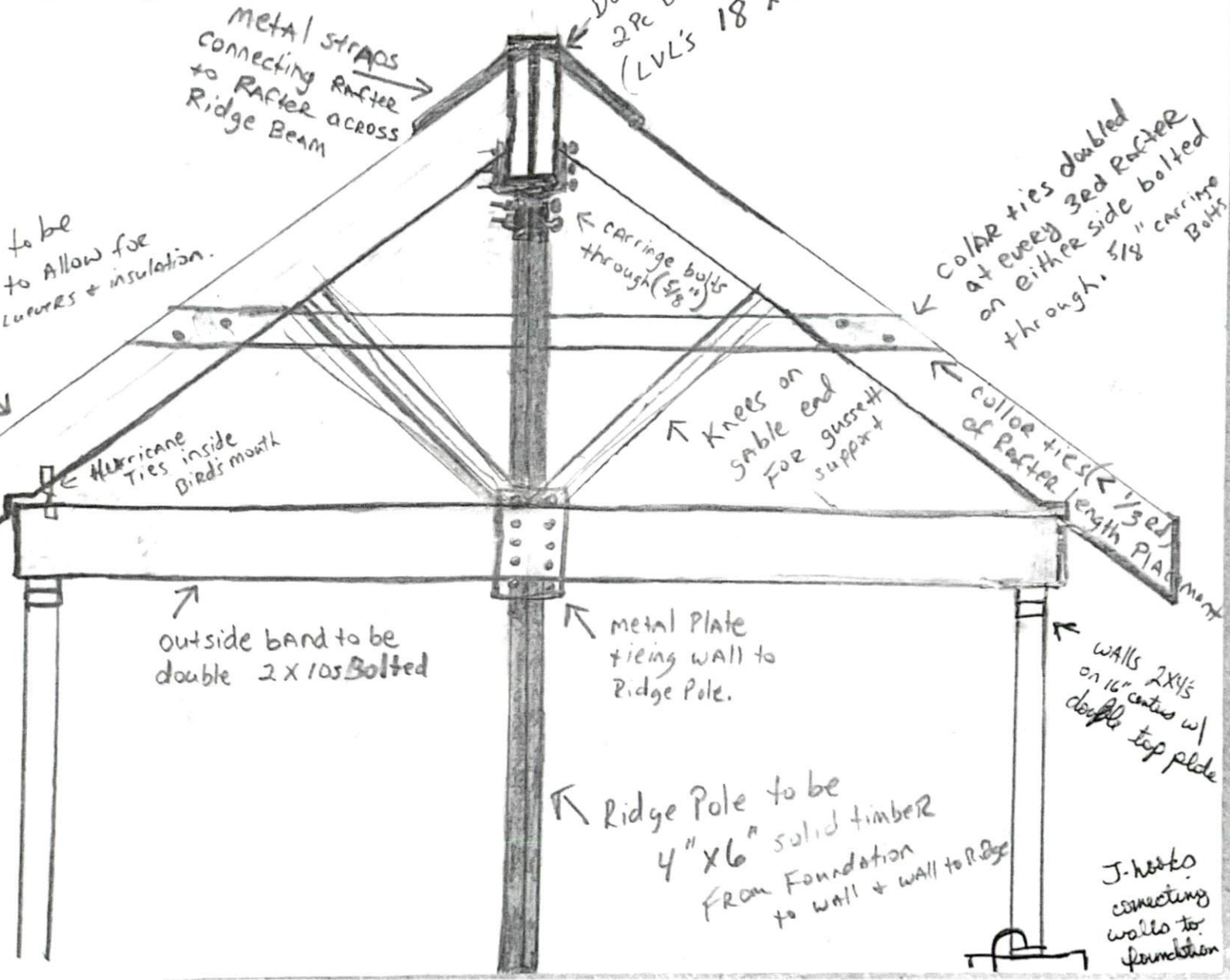
↑ outside band to be
double 2X10's Bolted

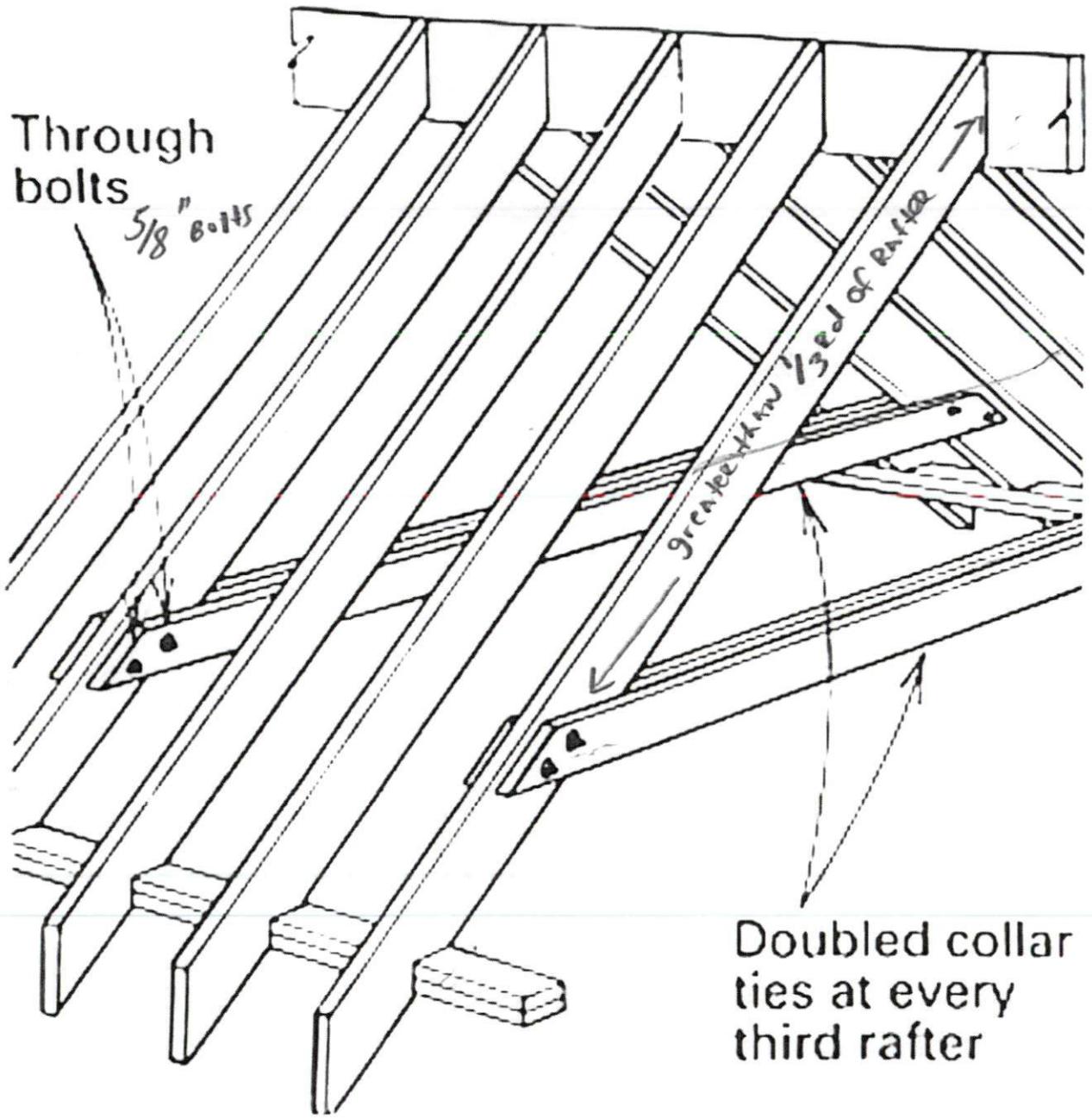
← metal plate
tying wall to
Ridge Pole.

← walls 2X4's
on 16" centers w/
double top plate

← Ridge Pole to be
4" X 6" solid timber
From Foundation
to wall + wall to Ridge

J-hooks
connecting
walls to
foundation





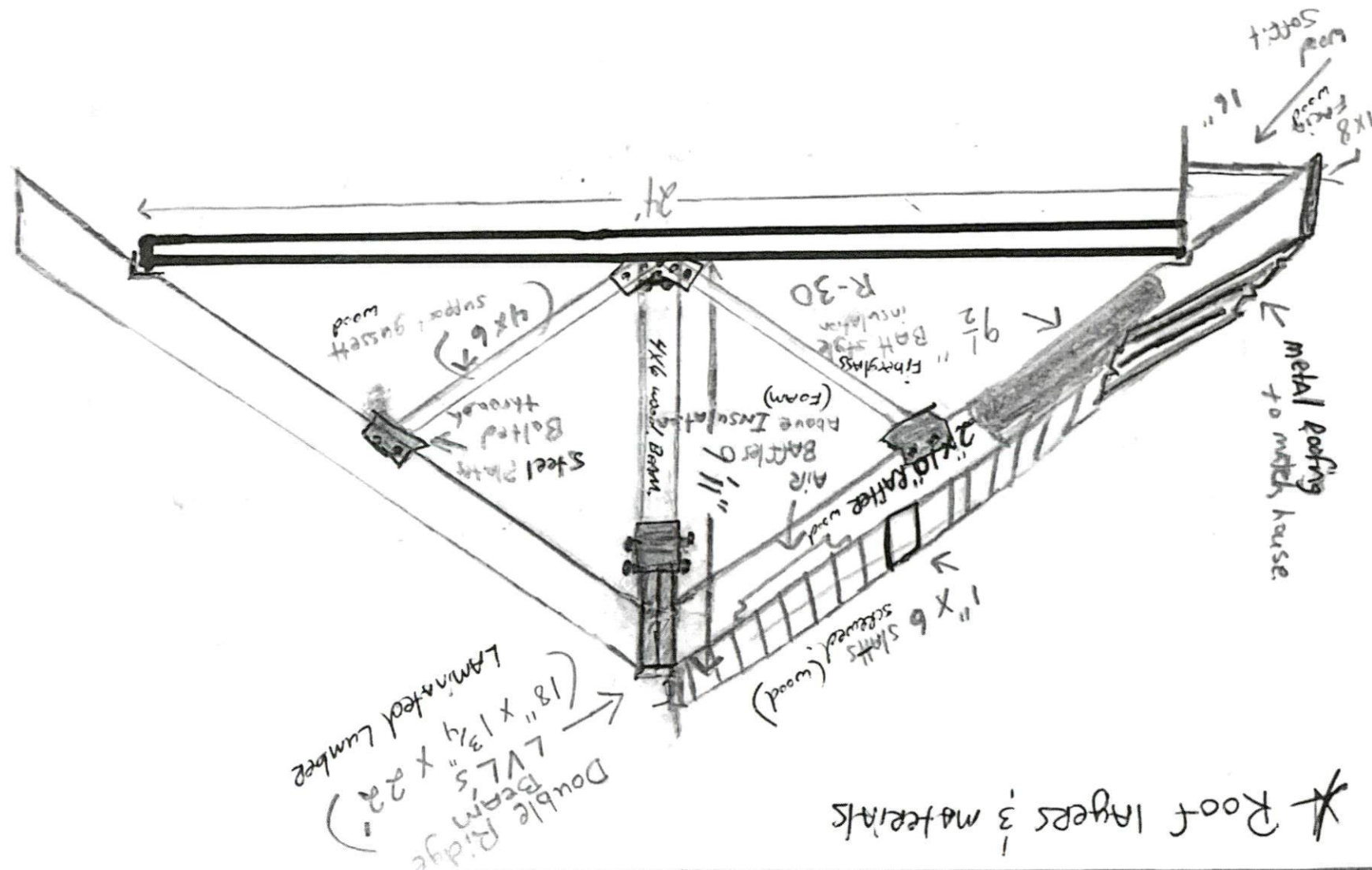
Through bolts
5/8" bolts

Greater than 1/3rd of rafter

Doubled collar ties at every third rafter

2 pcs
Doubled up
LUL's
13' X 18' X 22'

1" = 3'



* Roof layers & materials