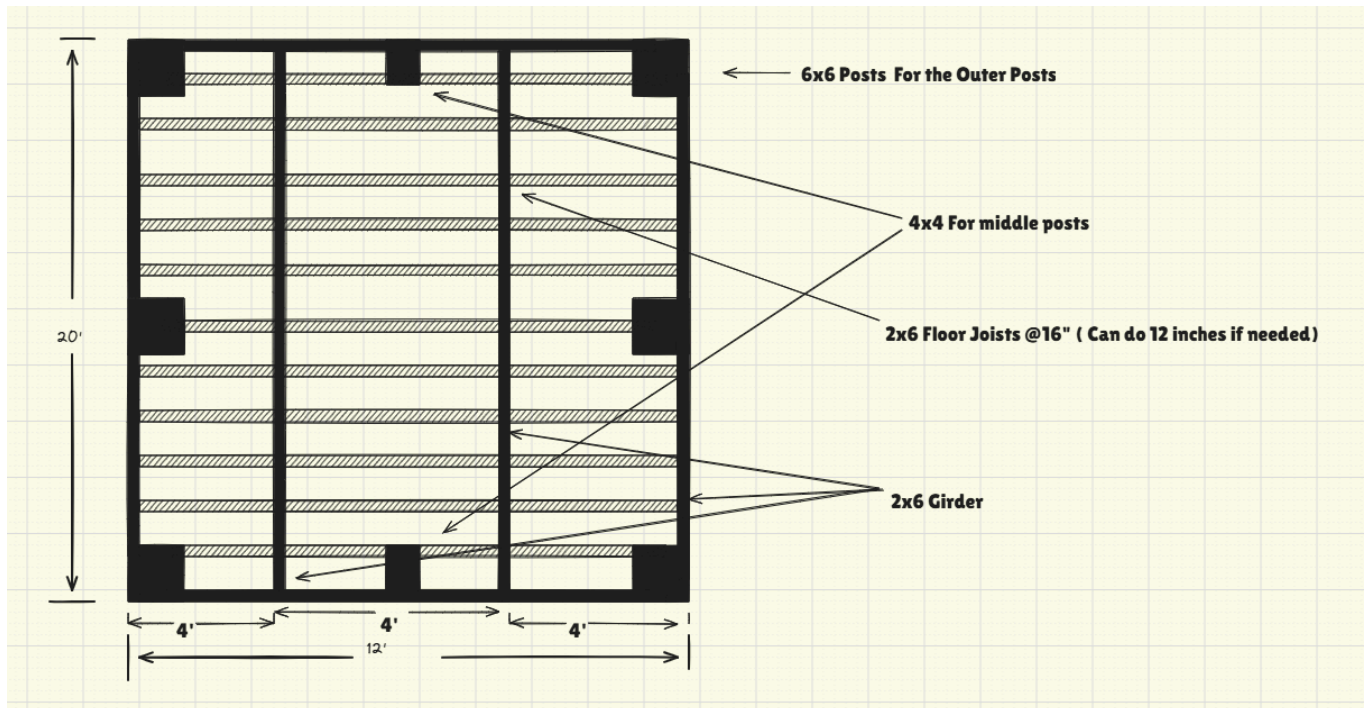


Screen Porch Plan



Foundation

- 6 , 6x6 support beams on the outside and 3, 4x4 support beams in the middle for the porch foundation and roof support, 2' deep with 150 lbs of concrete poured in.
- Support beams will support the roof. They will be interconnected as needed.
- Existing slab will be broken where necessary to get the footings in to the ground for the support beams.
- Porch will be 12' x 20'
- Posts on the side of the house will be close to the house, but not connected to the house structure.



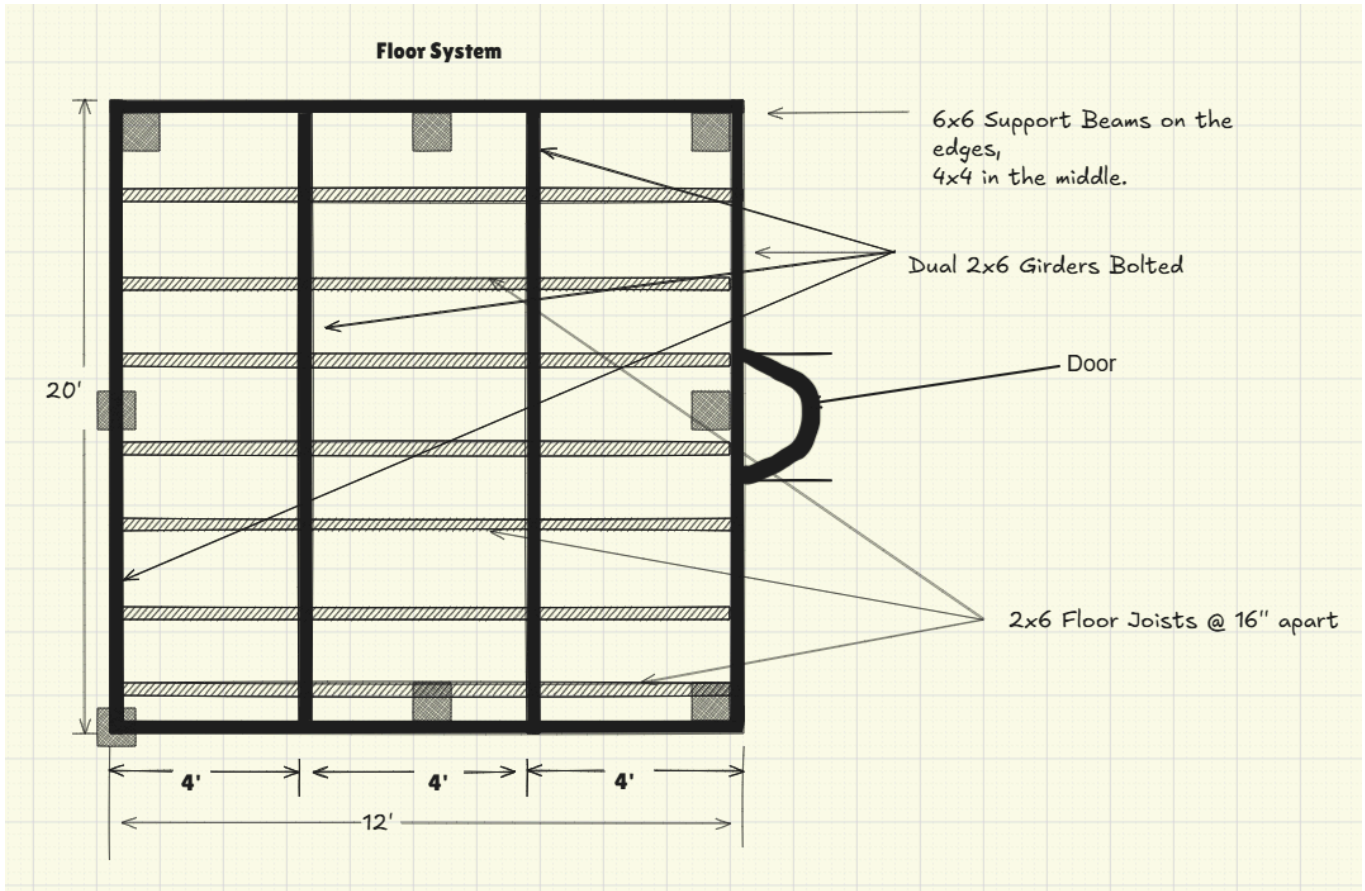
Porch Floor

GROUND

- Girder will sit on the ~~floor~~. They will support the floor joist. Because of the height of the house, the max height can be done is 6 inches.
- Pressure Treated **ground contact** 2x6 lumber will be used for the floor girder and floor joists.
- Porch Floor will be 1" x 6" wood planks.
- 2x6 Joists installed @ 16" apart (can do 12" if needed)

Verify tag on lumber says "ground contact"

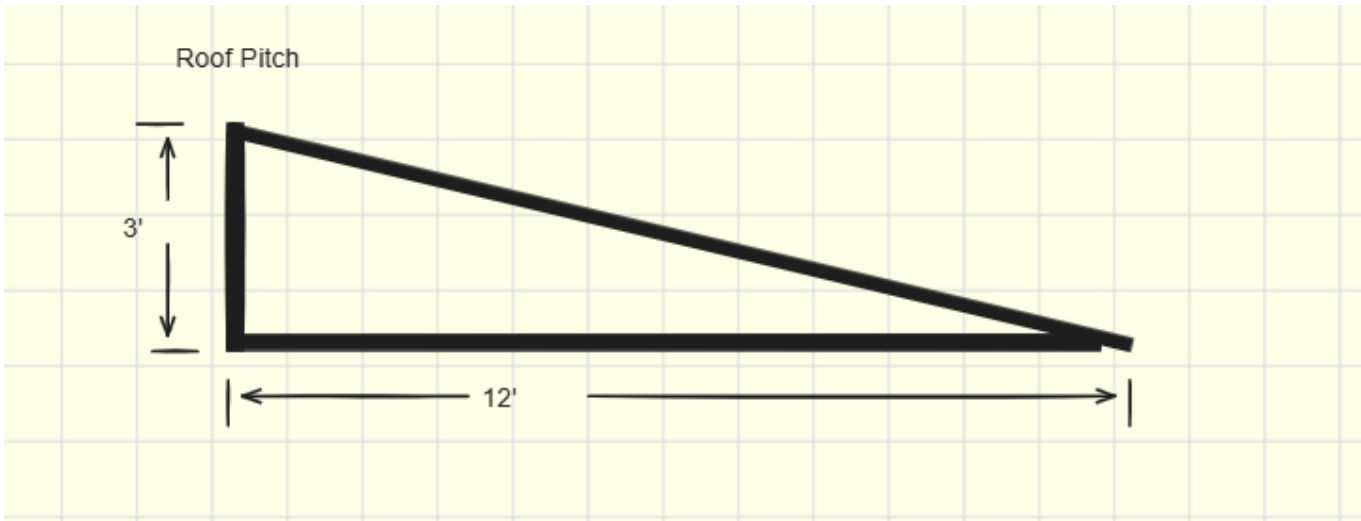
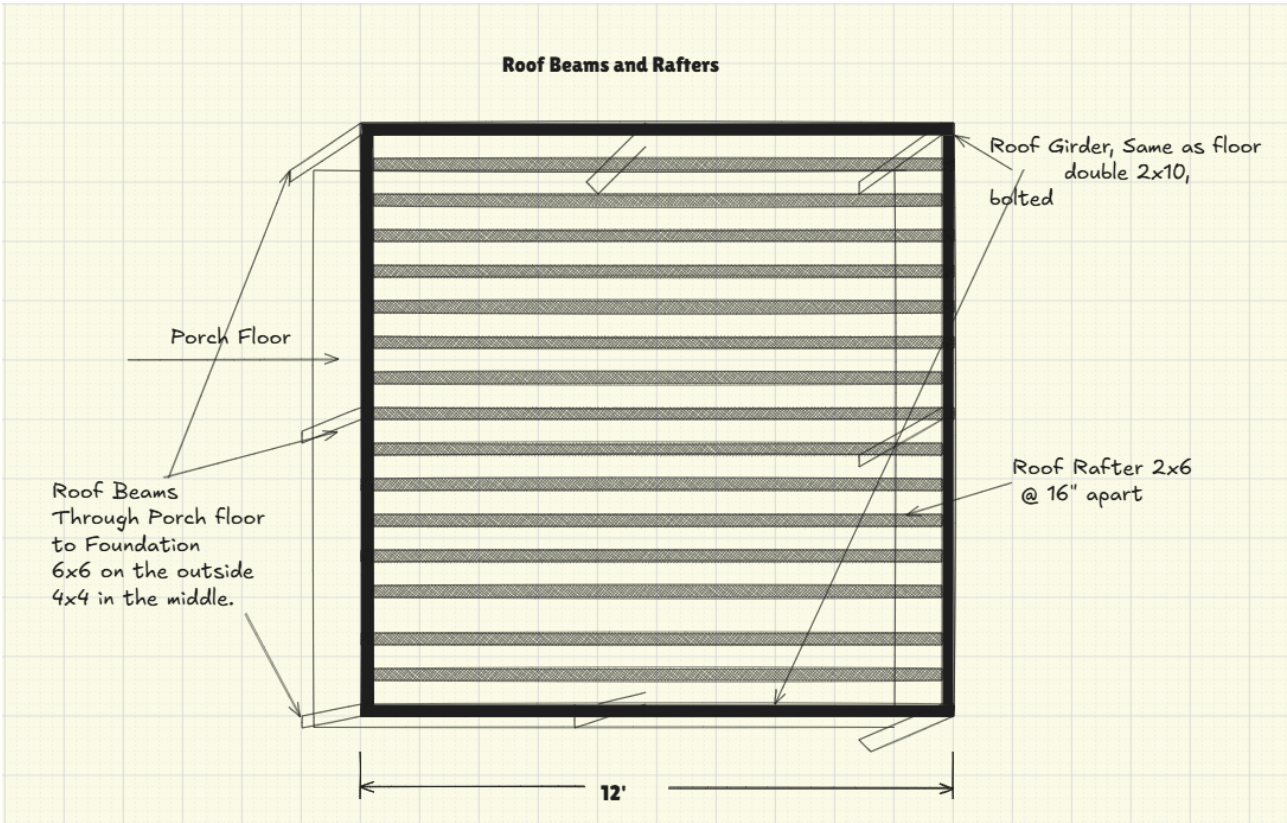
- Screen door at the center , 30" x 80"
- 4x4 posts to support the screen @ 4' apart



Porch Roofing

- Support for the roof to be provided by the Foundation beams that span through the porch.
- 2x10 double bolted girder to support the rafters.
- 2x6 , Rafter @ 16" apart
- 1/2" plyboard to be used on top of the roof rafter for roof materials.

- Roof Beam locations are displayed in the image below:



Posts are close to the house wall, but not attached to the house.

1/2" plyboard for roof material/shingles

Rafters

Joists

Screen Door

20'

11'

8'

12'

Screen

