

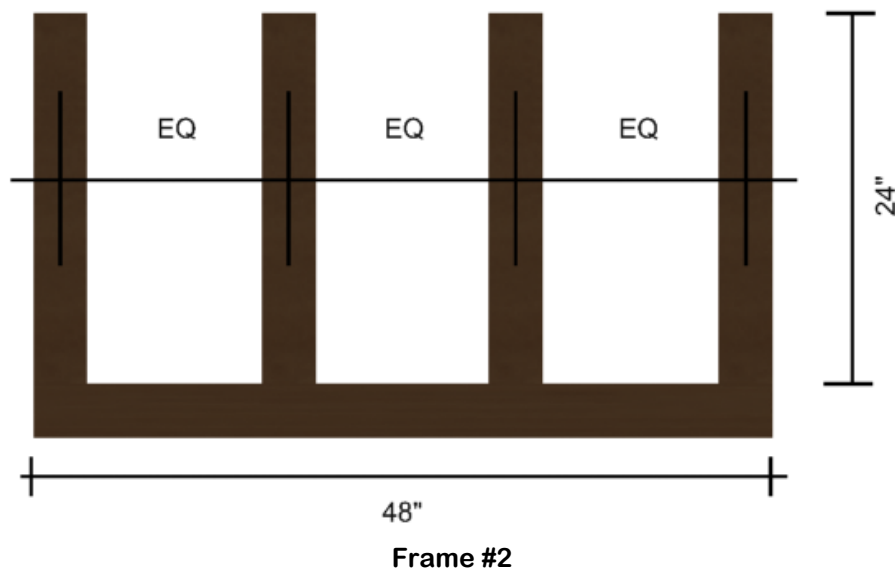
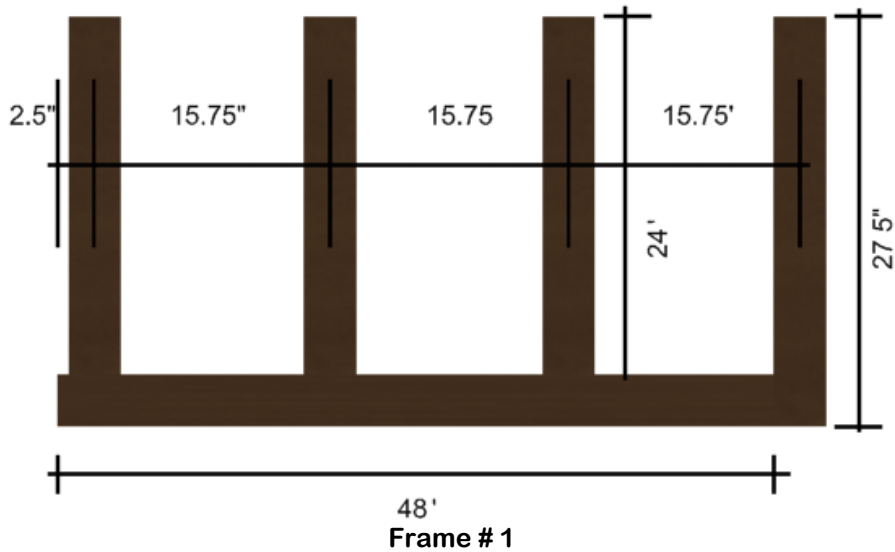


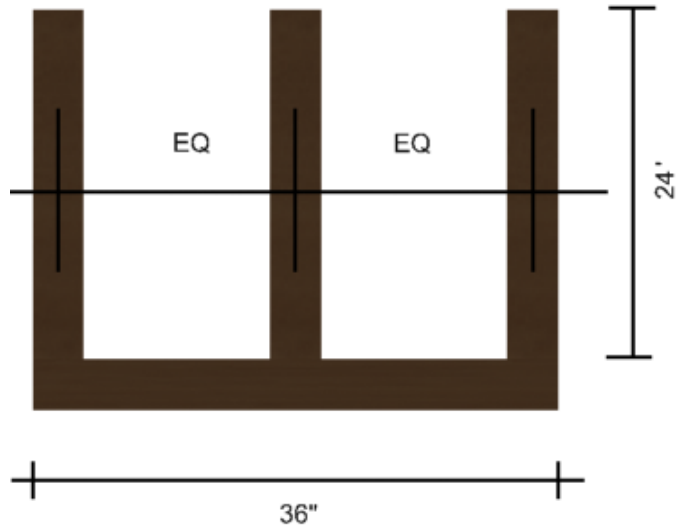
How to build a High Jacked Pit

Materials required:

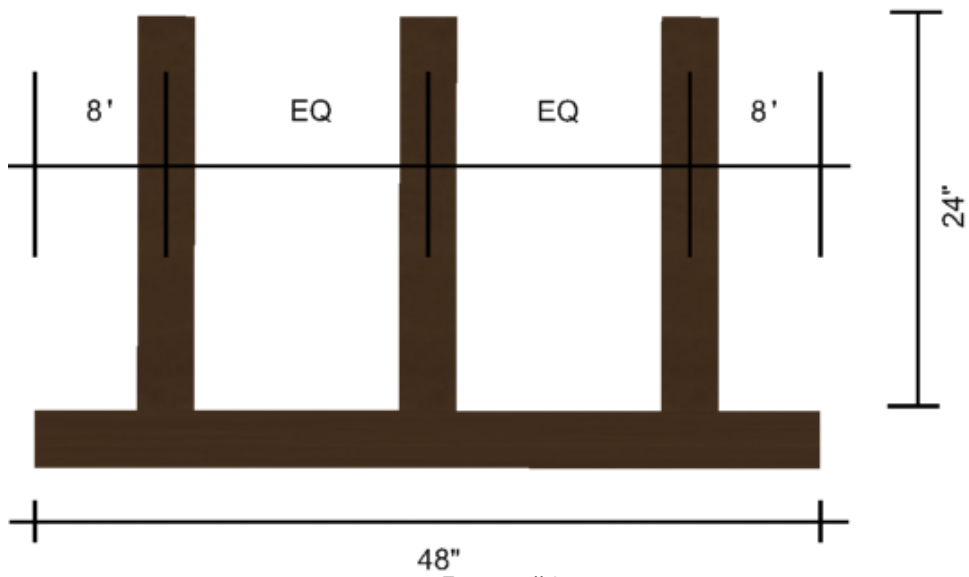
- (14) 96" 2x4 Lumber
- (4) 48"X96" 5/8" OSB

The 2x4s will be used to create the framing for the platforms. Each platform is designed to overlap or interlock with another platform. There are four basic types of frames:





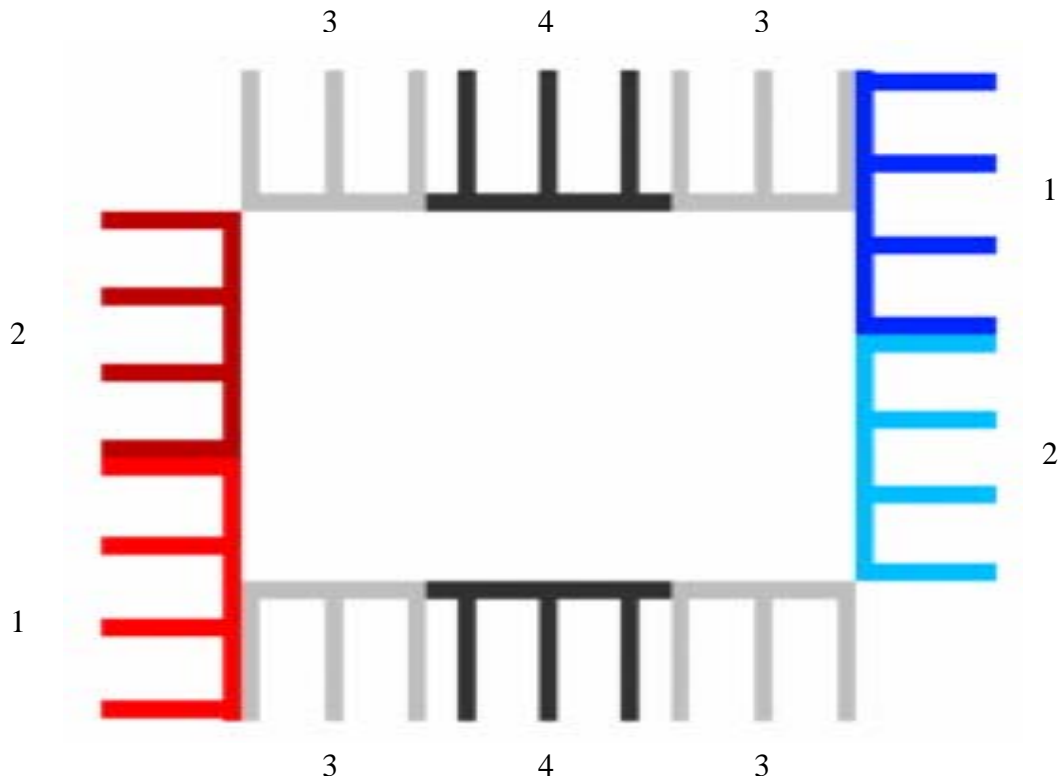
Frame #3



Frame #4

Frame #1 and #2 make up the scoring zones at each end of the field. The Valley sits adjacent to Frame #2 and the Mountain sits atop Frame #1. There are 2 of both Frame #1 and Frame #2. All 2x4s are oriented flat.

Frame #3 and #4 make up the sides of the pit. There are 4 of Frame #3 and 2 of Frame #4.



Total 2x4 pieces:

- (32) 24" length
- (2) 27.5" length
- (4) 36" length
- (6) 48" length

All pieces can be screwed in at the corners. An angle brace may be necessary at the outer corner 2x4 on Frame #1.

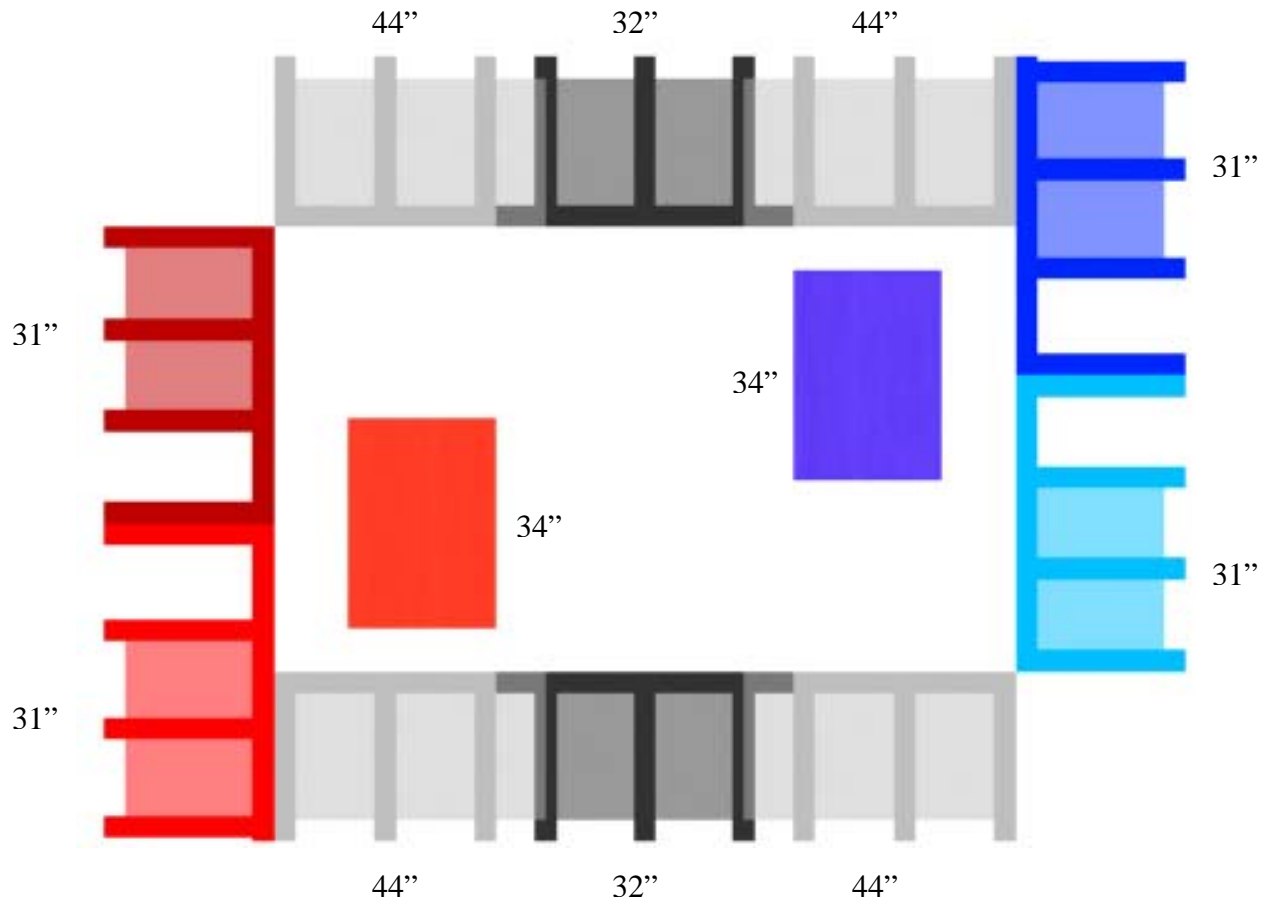
The OSB will be used to create the platforms, Valleys, and Mountains. The smooth surface will be used in all cases.

To start with, each 48" piece can be cut down to 24". No pieces are wider than 24".

There are four platform sizes:

- (4) 24" X 31"
- (2) 24" X 32"
- (2) 24" X 34"
- (4) 24" X 44"

The pieces are mounted in the following manner:



Except for the two 34" pieces, all platforms are screwed to a single frame piece. The 44" pieces overlap Frame #3 and #4 – they are screwed to Frame #3, flush against the outer edges. The 32" pieces are screwed to Frame #4, centered. The 31" pieces that are screwed to Frame #2 are flush with the edge adjacent to the Valley; the 31" pieces that are screwed to Frame #1 have the outer edge located so that it is flush with the outside edge of the 44" piece screwed to frame #3. The important dimension here is when Frame #1 and #2 are butted against each other that the 34" platform piece fits snugly between the screwed down platforms.

Creating the Valleys and Mountains:

One Valley and one Mountain are created from four 24"x24" pieces of 5/8" OSB. The Valley is the negative of the Mountain. To make a Mountain, four pieces are needed:

- 24"x24"
- 18"x18"
- 12"x12"
- 6"x6"

Be careful not to cut beyond your marks – the leftovers from the 24"x24" pieces that these are cut from become the Valley. Make these cuts on the "rough" side of the OSB so that the smooth side does not contain the extra cuts in the corner that are necessary if using a circular saw.

All four layers of the Mountain and three layers of the valley are screwed together.

