



Rendy <rendyparrish@gmail.com>

## Fwd: MOONRISE

4 messages

**Murray Johnson** <jmjcoinc@gmail.com>  
To: rendyparrish@gmail.com

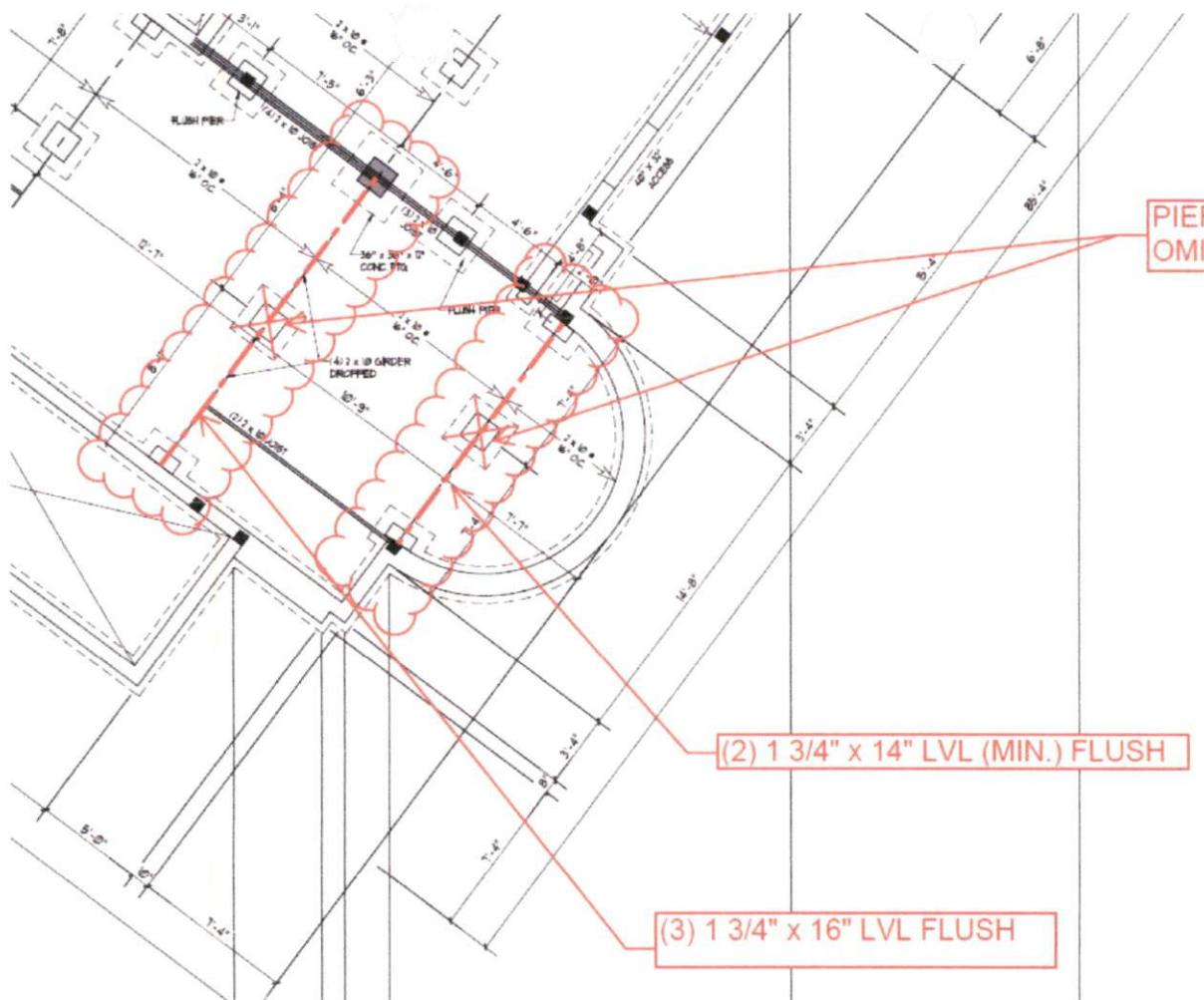
Wed, Oct 29, 2025 at 4:39 PM

----- Forwarded message -----

From: **Max Winters** <max.w@spectra-eng.com>  
Date: Tue, Oct 21, 2025 at 2:50 PM  
Subject: RE: MOONRISE  
To: Murray Johnson <jmjcoinc@gmail.com>

Murray,

For the longer spanned girder near the middle of the master bedroom, let's go with a (3) 1 3/4" x 16" LVL with the top set flush with the top of the floor joists. You'll have to build up the treated sill plate (or part of the pier) by an inch or so at each end. For the shorter girder at the sitting area, I'd suggest going with a (2) 1 3/4" x 14" LVL (minimum) with the top set flush and the sill plates built up as described for the other girder. You could also technically go with a dropped (4) 1 3/4" x 9 1/4" LVL for the sitting area girder, but those plies will need to be secured together with structural screws – I would expect the 2-ply LVL option to be more economical (plus it provides a little extra headroom and will perform much better). Provide ~8" bearing for these girders at each end. The existing footings are fine with the added load.



Let me know if you have any questions.

Thanks,

Max Winters, P.E.

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BY EITHER (3) 2 x 1  
TOP OF THE GIRDERS  
BLOCKS OR EA. 81  
1/2" WIDE BY 10 1/2"  
HIGH. LENGTHS (1) 1 x 10'  
IF THE PERIMETER IS  
81 1/2" AND NUMBER  
NUMBER OF STUDS  
ABOVE WHICH EVER

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STRUCTURE