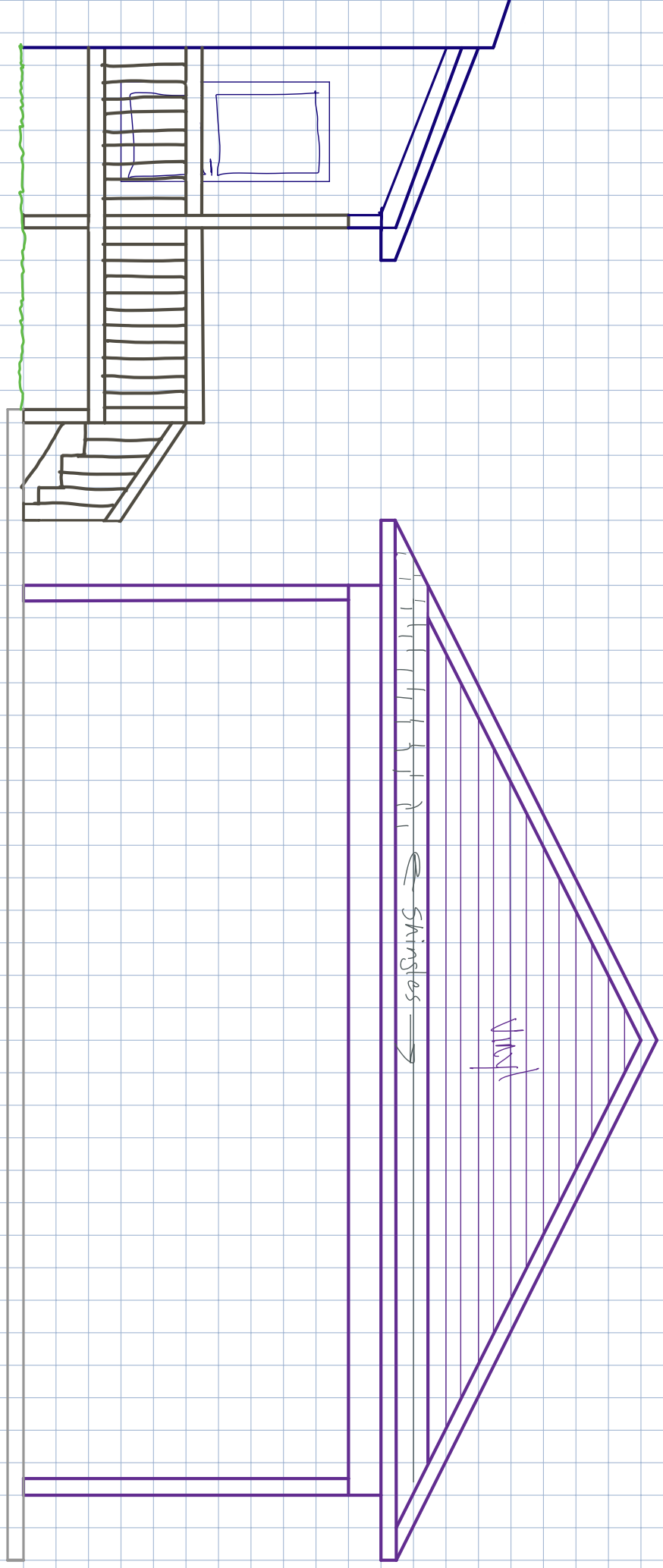


STRUCTURAL EVALUATION BY:
HOWERTON SERVICES, PLLC
3513 CATHEDRAL BELL ROAD
RALEIGH, NC 27614
LICENSE P-1716

- * ENGINEER'S SEAL APPLIES ONLY TO STRUCTURAL COMPONENTS ON THIS DOCUMENT. SEAL DOES NOT INCLUDE CONSTRUCTION REVIEW, MEANS, METHODS, TECHNIQUES, SEQUENCES, PROCEDURES OR SAFETY PRECAUTIONS.
- * ANY DEVIATIONS OR DISCREPANCIES ON PLANS ARE TO BE BROUGHT TO IMMEDIATE ATTENTION OF THE ENGINEER. FAILURE TO DO SO WILL VOID ENGINEER'S LIABILITY.





11 03
2022

Covered Deck

Open Deck

2'6"

6'

24'6"

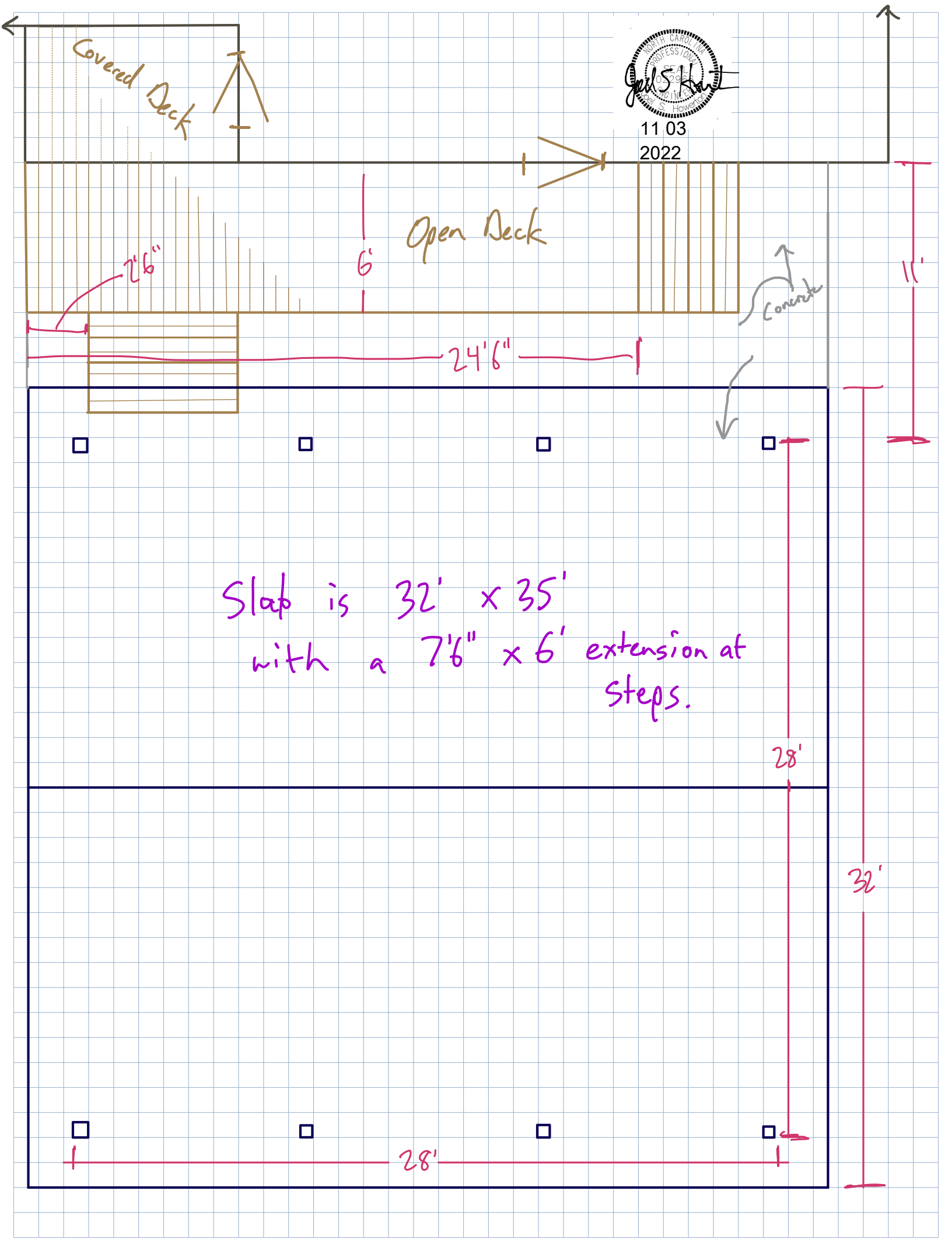
Concrete

Slab is 32' x 35'
with a 7'6" x 6' extension at
steps.

28'

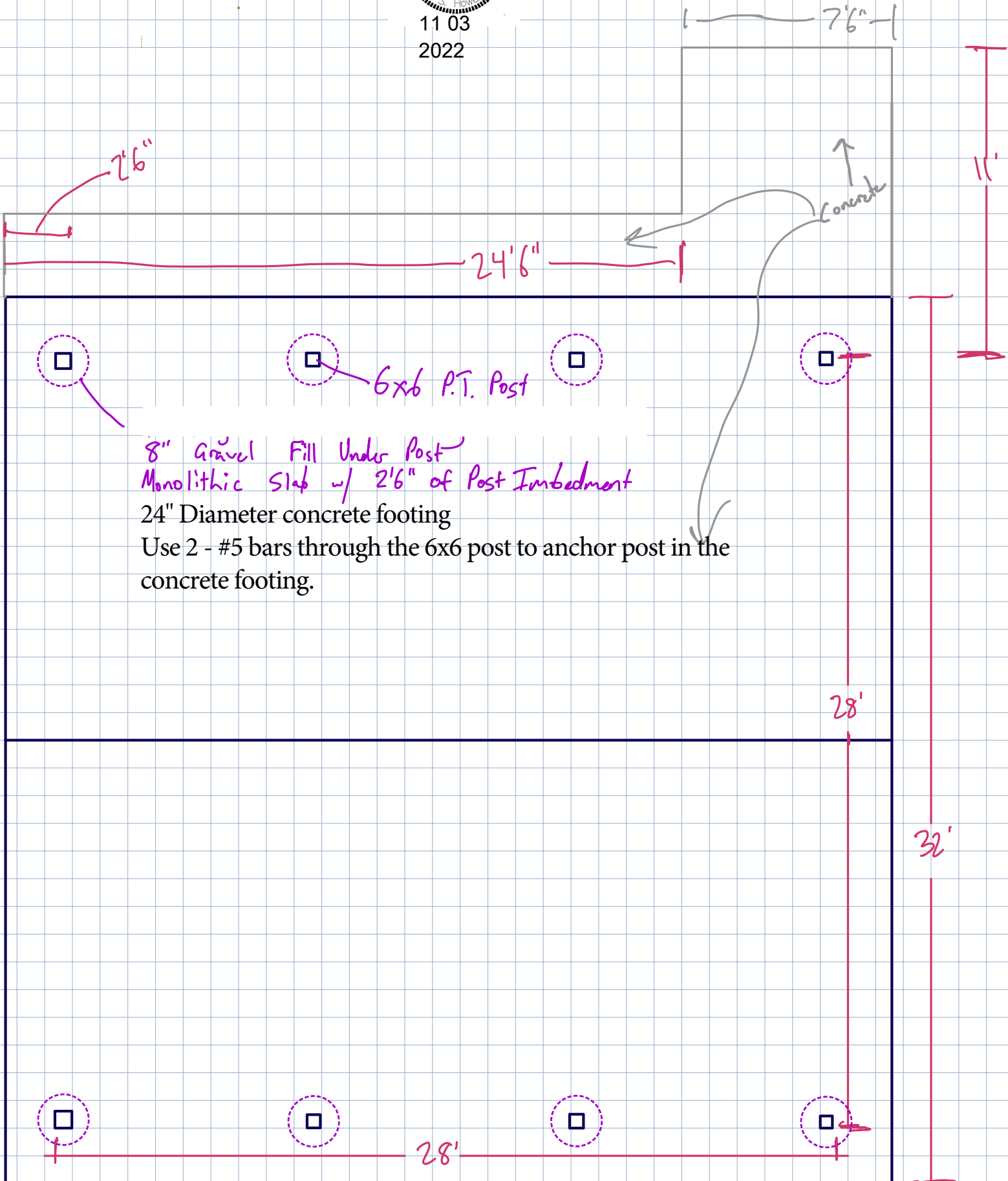
32'

28'





11 03
2022



6x6 P.T. Post

8" Gravel Fill Under Post
Monolithic Slab w/ 2'6" of Post Imbedment
24" Diameter concrete footing
Use 2 - #5 bars through the 6x6 post to anchor post in the concrete footing.

28'

32'

28'

concrete

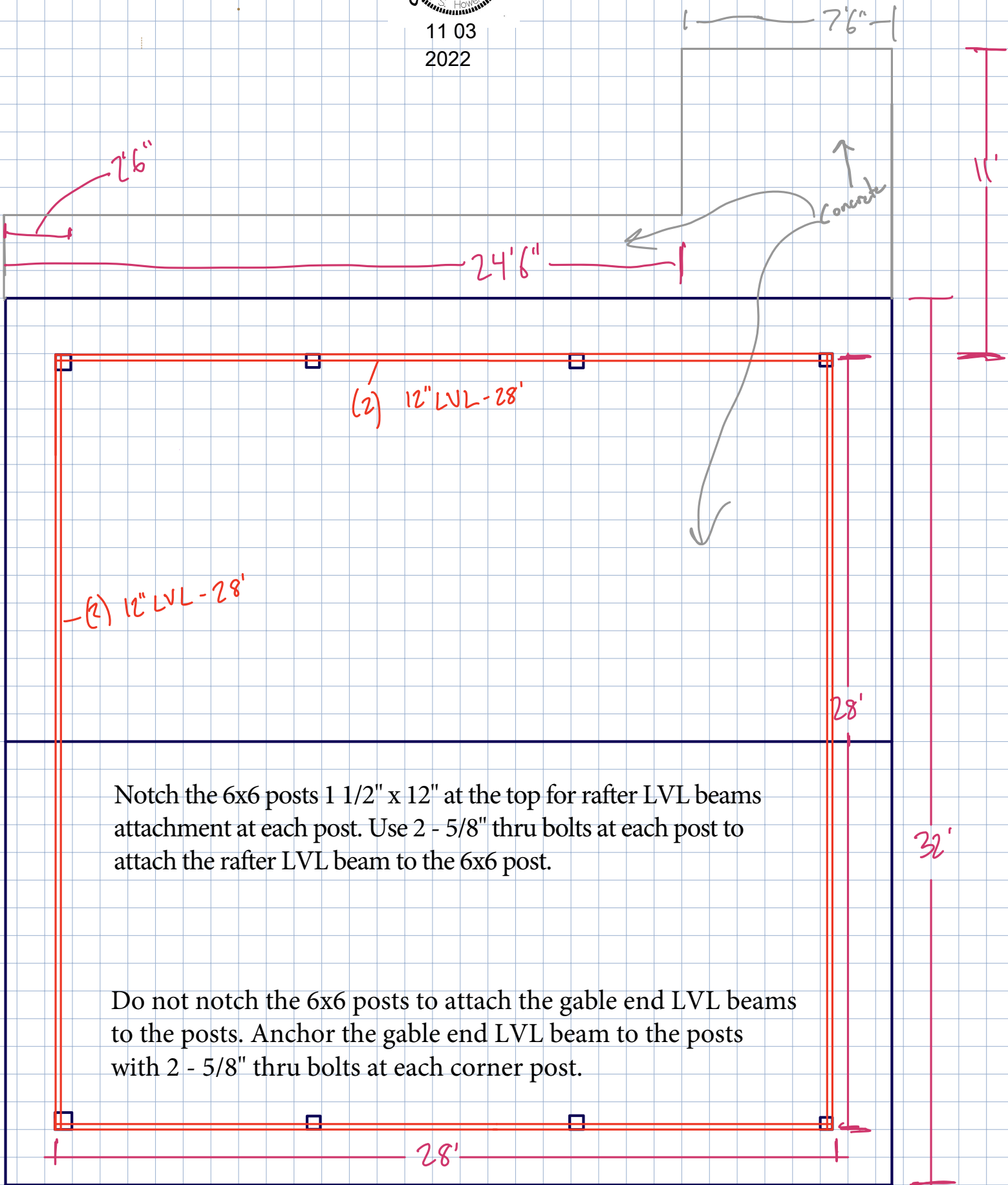
2'6"

24'6"

7'6"



11 03
2022



Notch the 6x6 posts 1 1/2" x 12" at the top for rafter LVL beams attachment at each post. Use 2 - 5/8" thru bolts at each post to attach the rafter LVL beam to the 6x6 post.

Do not notch the 6x6 posts to attach the gable end LVL beams to the posts. Anchor the gable end LVL beam to the posts with 2 - 5/8" thru bolts at each corner post.



11 03
2022

old PORCH (Enclosed Now)

Open Deck

concrete

Hip to Water Table

1'0" Overhang in Gables

6/12 Truss Roof

Carport 28 x 28 Framed
32 x 32 w/ 2'0" Overhangs

Attach each truss to the LVL Rafter beam with Simpson H2.5A Ties

Place 1/2" OSB on the gable end trusses for lateral bracing. The OSB should extend down to cover the gable end LVL beam on the exterior.