520 Capisic Street

Construction detail for a 16 foot long and 14 foot wide deck

Piers

(6) 10 inch diameter and 7 feet long telephone pole sections to be placed on 7 foot centers across the width of the deck (14 foot dimension) and on 8 foot centers in the 16 foot dimension. They will be buried 4 feet below grade and bolted to the footing.

Framing

The rim joist is to be comprised of doubled 2x12 PT lumbar; it will be fastened together with 16D galvanized nails. The rim joist will be attached to the house with metal deck brackets (4 brackets placed 56 inch centers) to be carriage bolted through the sill of the house. The vinyl siding will be cut to fit around the brackets and caulking used to seal the interface between the siding and the brackets. There will be a center beam of doubled 2x10x14 PT lumbar running the width of the deck resting on the posts that are midway (8 feet) between the house and the long end of the deck. Joist hangers will be placed on 16 inch centers along the rim joist and center beam supporting the 2x10x8 PT joists to be fastened in place with galvanized nails. The framing will be attached to the posts with 20D galvanized nails.

Footings

3 foot x 3 foot concrete footings (6 total) will be poured 4 feet below grade.

Stairs

2 sets of stairs will be provided with dimensions as follows:

Number of stairs per set will be four. The rise will be 7 inches, the tread depth 10 inches, and tread width 4 feet... 2x12x4 PT will be used with no nosing done.

There will be no opening in the risers.

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Railing height

36 inches.

Balusters

Galvanized vinyl-coated cable will be used horizontally spaced 3 inches apart.