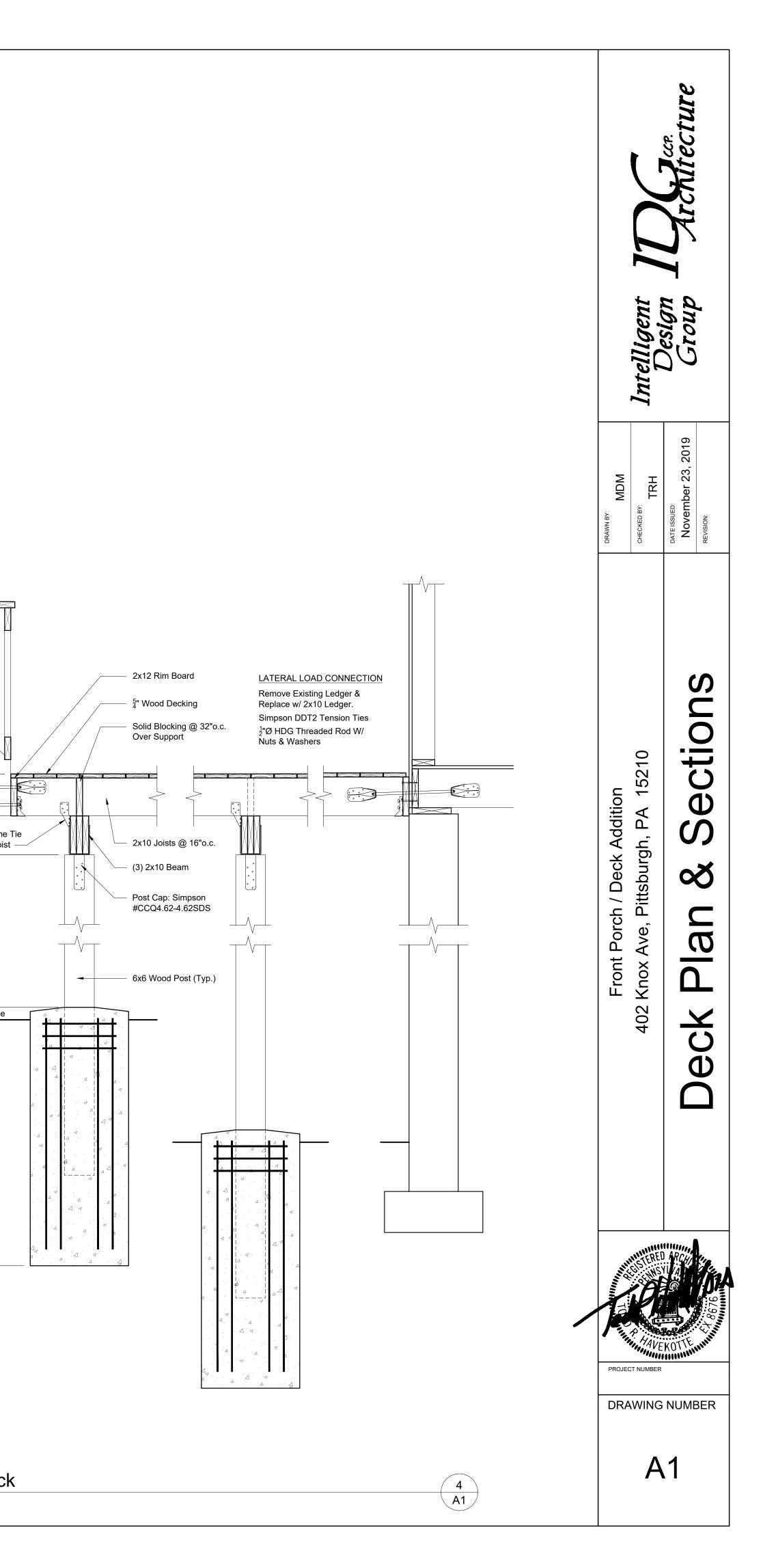
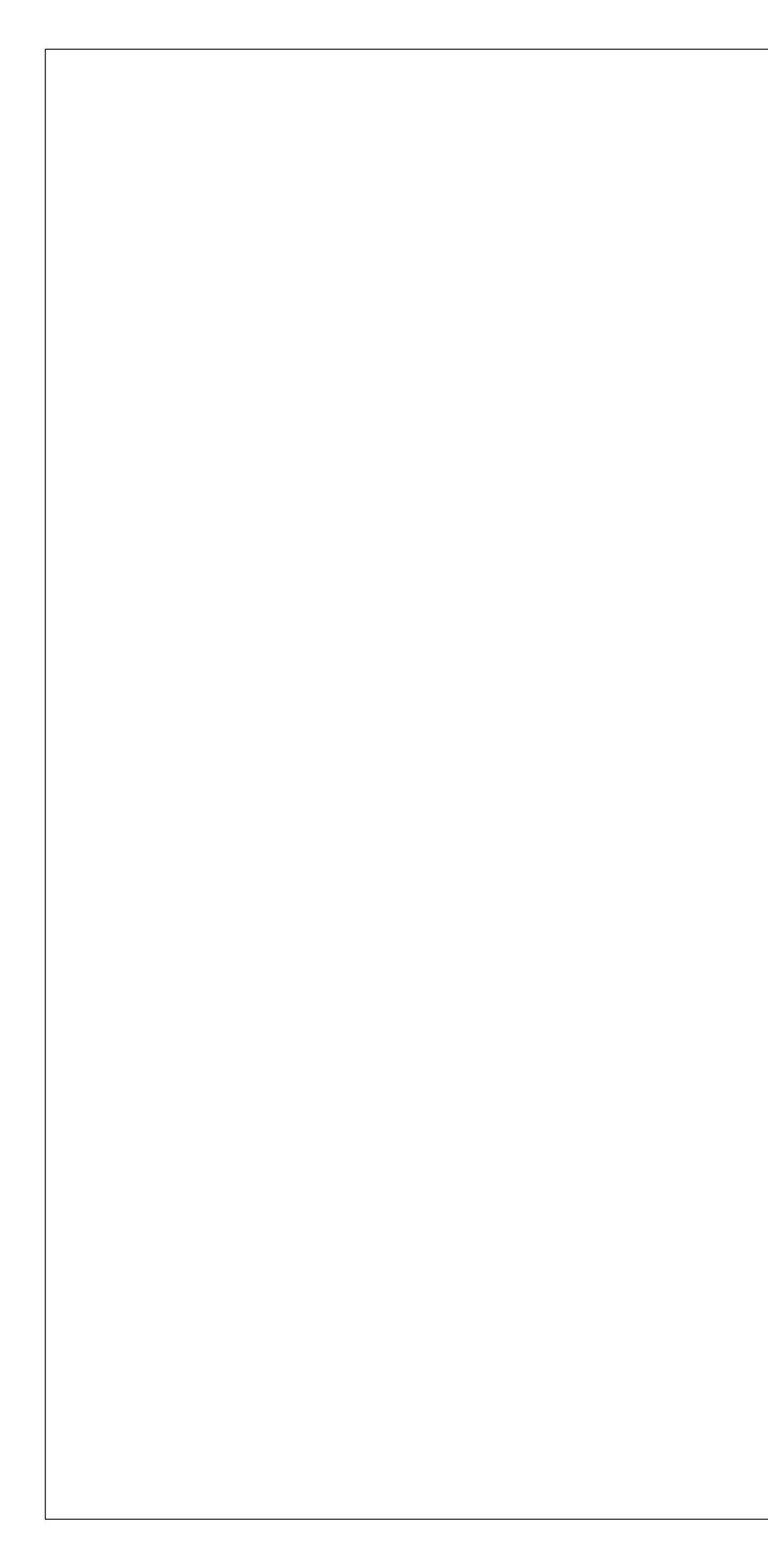
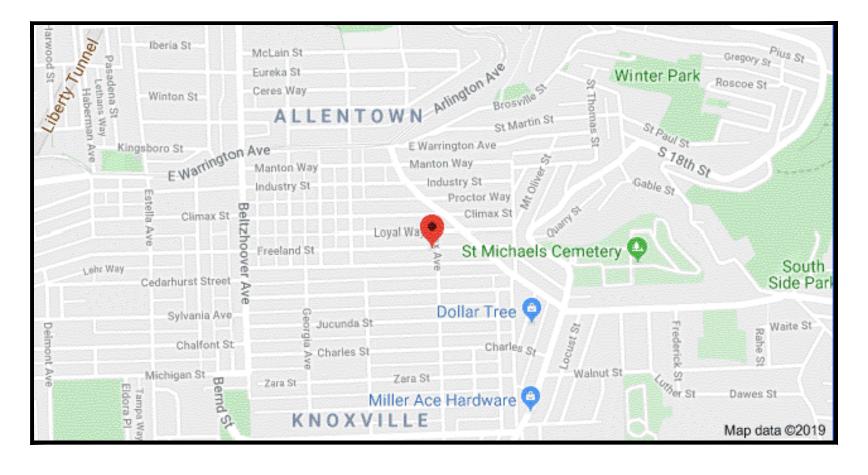


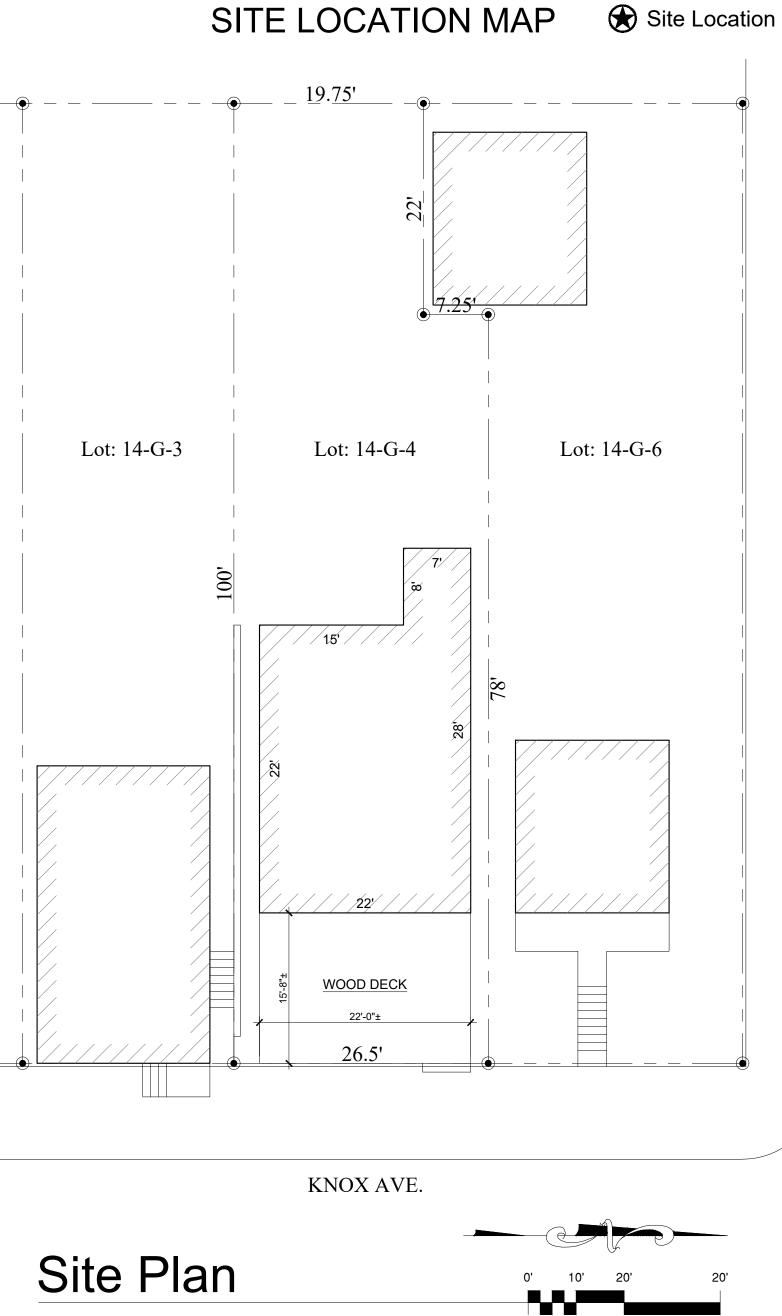
Section Through Deck





Front Porch / Deck Addition 401 Knox Avenue Pittsburgh, Pa 15210





SCALE: 1" = 10'-0"

GENERAL CONSTRUCTION NOTES:

All lumber shall be pressure treated for exterior use. All metal fasteners & hangers shall be G185 galvanized, stainless steel or otherwise compatible with the wood treatment. All bolts shall be 1/2" diameter, minimum.

2Southern Pine, or better.

Guards are required at all areas where the deck/porch floor is greater than 30" above grade at any point.

Required guards shall be 42" tall and be constructed such that a 4" diameter object will not pass through.

Guard post spacing shall not exceed 6 ft. on center. Required guards & handrails at stairs shall range from 34" to 38" vertically above the stair nosing.

Handrail ends at the top and bottom shall terminate into a post or be returned to a wall.

shall be equal.

door threshold.

L/240

Guards shall be designed for a 200 lb. concentrated load placed along the top rail in any direction, at any point.

0' to 8' high: 4x4, 4x6, 6x6 8' to 10' high: 4x6, 6x6

All separated beams shall receive full depth solid blocking at 24" on center, maximum spacing.

The actual field construction shall match the approved plans. All field changes and/or deviations require an Engineering Change approval.

All beams, joists, posts and decking shall be No.

All beam splices and top rails shall occur at a post or otherwise on adequate bearing.

All footings shall be cast-in-place concrete with a min. 2500 psi compressive strength.

On stairs with closed risers, treads shall have a projected nosing ranging from 3/4" to 1-1/4". All treads and risers

The deck/porch floor shall be within 8-1/4" of the top of the

Live Load Deflection: Joists & Beams- L/360Guards-

Design Loads: Floor Live Load - 40 lbs./sf (min.) Wind Speed - 90 mph Soil Bearing Pressure - 3000 lbs./sf

Post size is based on the height of the deck floor above finished grade (at the highest point):

10' and up: 6x6 (required for multi-level decks too)

