SCALE: 1/4" = 1' WHEN PRINTED ON 11X17 PAPER

BASED ON THE INTERNATIONAL RESIDENTIAL CODE

STAIRWAY ILLUMINATION: ALL EXTERIOR STAIRWAYS SHALL BE ILLUMINATED AT THE TOP LANDING TO THE STAIRWAY. ILLUMINATION SHALL BE CONTROLLED FROM INSIDE THE DWELLING OR AUTOMATICALLY ACTIVATED.

Reviewed for Code Compliance
Inspections Division
Approved with Conditions

Date: _____

DISCLAIMER: THIS PLAN IS NOT CONSIDERED COMPLETE UNLESS APPROVED BY YOUR BUILDING INSPECTOR OR STRUCTURAL ENGINEER. BUILDER ACCEPTS ALL RESPONSIBILITY AND LIABILITY. DECKS.COM LLC AND ASSOCIATED SPONSORS ACCEPT NO LIABILITY FOR THE USE OF THIS PLAN.

- Location & Type of Flashing: at ledger, bituthene membrane to building lapping over existing housewrap. 1/2" spacer applied between building and ledger for drainage plane. Aluminum flashing applied to top of ledger and taped to building before application of siding.

- Girder Size & Spans: (2) 2x8" PT studs glued and nailed together - sits on top of posts

- Joist Info: 2x8 PT, Span 5', 16"OC, 2x8-10 18 GA joist hanger
- 1x6 PT decking
- Post Connection: 1/2"x3-5/6" deck screw (girder to joist connection = Simpson H1Z Hurricane Ties)

Framing Members:
- Ledger = 2"x8" 5'
- Lag Bolt Info = 1/2"x3-5/8" screw, 2 every 16" OC (Fastenmaster Ledgerlok)
- Lateral Attachment = Simpson DTT1Z Deck Tension Tie Kit

Guard Rails to be 36" high with less than 4" openings per IRC code.
Stairs to be built max rise 7-3/4" min rise 4" in run 10" per IRC code.
Decking to be 5/4x6 Pressure Treated Pine. (Follow manufacturers' installation instructions)
All hardware to be corrosion resistant and installed per manufacturers' instructions.

Total Depth: 48
Base Diameter: 24
Pier Diameter: 12

Footings to be installed to 48" depth as is required by your local building ordinance.
Frost footing sizes based on 55 lbs per square foot tributary loads applied to 1500 psi soil compression capacity (assumed clay soil).
See footing detail in deck construction guide.

DISCLAIMER: ONLY USE #2 OR BETTER PRESSURE TREATED SOUTHERN PINE 2X10 FOR FRAMING MATERIALS. NEVER SUBSTITUTE SOFTWOODS OR COMPOSITE FOR FRAMING MATERIALS.

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