

## Peter Raszmann

Residential

Construction, Renovations, Home Performance Contracting

Peter Raszmann  
120 Pleasant Ave  
Portland, Maine, 04103

(207) 775-5141 W (207) 329-8117 Cell  
praszmann @ myfairpoint .net

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To Portland Building Inspections

### Information about Proposed Deck for 64 Clark Street Portland

1. Type of foundation system ( 8" Sono tubes with 4"x6" posts attached to foundation with ½"x8" foundation anchors and post brackets(simpson ABW) . The sono tubes are to be 48" below grade. The spacing of the sono tubes are to be 11'6"(see attached Plan)
2. The posts are 4"x6" with a scarf that is 2' in length ,and fastened with ½" hot dipped galv carriage bolts or simpson SDWS Timber screws(two per Post .)  
Also, there are 4"x4" diagonal bracing , and a cross brace connector as per drawing secured with structural screws.
3. Framing members
  - a.,b Ledger 2"x8" Pressure treated secured with ½" x 6" lag screws secured through the sub siding into exterior wall studs . These lags are placed at stud intervals or 16" On center).
  - c. lateral attachment to building (Simpson dtt 1 z )deck tension ties at 4 locations
  - d. There will be layer of flashing behind the ledger protecting the house 12" (aluminum)
  - e. The girder carrying the floor load of this deck is 2 2'x12" of southern Yellow Pine  
The span of this girder is 11'0" .It is connected to the joist with H 1 hurricane ties.  
It is connected to the posts with Simpson DJT brackets
  - f. Joist are 2x8x6' @16" on center using Simpson LUS joist hangers
  - g. The decking is 5/4"x5 ½" Pressure treated SYP.
  - h. Post to beam connection uses Simpson DJT connectors(total of 4)
4. railing detail
  - a. Railing height is 36" and baluster spacing is 5"

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