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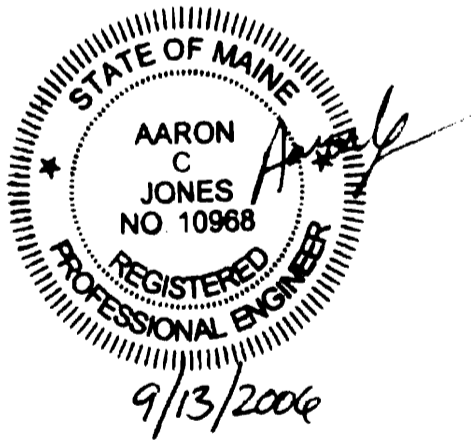
**GENERAL STRUCTURAL NOTES**

SI Job # 06-0048/06-0055  
6 Eastern Promenade Deck Replacement  
Portland, Maine

**DESIGN LIVE LOADS:**                    2003 IBC, U.O.N.  
\* Ground Snow, Pg                    50 psf  
\* Wind                                    100 mph, exp B, 3 second gust  
\* Deck Live Load                    100 psf.

**WOOD FRAMING:**  
\* Dimension Lumber is designed and shall be supplied using BASE VALUES Design Criteria.  
\* S.P.F. #2 and better (Maximum Moisture Content 19%) U.O.N.  
  **“Pressure treated lumber”** shall be framing material of the specified species which has been pressure treated with a decay and insect resistant solution, meeting all current standards for wood in contact with concrete or earth.  
  Acceptable treatment mediums for wood in contact with earth or in exterior applications include ACQ-C and ACQ-D (Alkaline Copper Quaternary) and copper azole (CBA-A and CBA-B).  
  DO NOT USE WOODS WHICH HAVE BEEN TREATED WITH AMMONIA BASED CARRIERS.  
  All connectors shall meet the recommendations of the pressure treated wood manufacturer, but shall be not less than Hot Dipped Galvanized meeting requirements of ASTM A653, such as Simpson ZMAX. (G185). All screws, nails and bolts shall match hangers and other connectors, and shall meet ASTM A123 for individual connectors and ASTM A153 for fasteners.  
  For durability, it is our recommendation that connectors used in exposed conditions with treated lumber be stainless steel.  
  Do not mix galvanized and stainless products.  
  Do not allow aluminum to contact treated wood.  
\* Minimum nailing shall comply with IBC Table 2304.9.1  
\* Metal connectors: Simpson Strong Tie unless otherwise noted, installed with number and type of nails to achieve maximum rated capacity. Note that heavy duty and skewed hangers may require special order.  
\* All beams shall be braced against rotation at points of bearing.

**STRUCTURAL ERECTION AND BRACING REQUIREMENTS**  
\* The structural drawings illustrate the completed structure with all elements in their final positions, properly supported and braced. The contractor, in the proper sequence, shall provide proper shoring and bracing as may be required to achieve the final completed structure.  
\* These plans have been engineered for construction at one specific building site. Builder assumes ALL responsibility for use of these plans at Any Other building site. Plans shall not be used for construction at any other building site without specific review by the engineer.



Deck Replacement  
6 Eastern Promenade  
Portland, Maine 04101  
9-13-2006

**GENERAL NOTES**

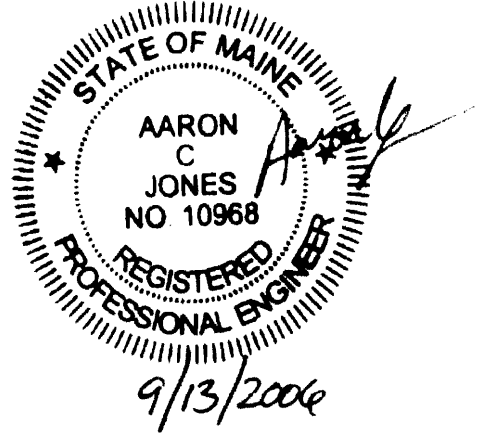
**S0**



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S.I. JOB# 06-0048  
(Rear Deck)  
S.I. JOB# 06-0055  
(Side Deck)



## DECK FRAMING PLAN

NOTES:

SCALE 1/4"=1'-0"

1. ALL MEMBERS ARE TO BE PRESSURE TREATED
2. SEE SHEET S0 FOR GENERAL STRUCTURAL NOTES
3. "(E)" INDICATES AN EXISTING MEMBER TO REMAIN

BLOCK BELOW (E) JOIST W/ PT 2x  
PLAT FLAT ON MEMBRANE ROOF  
OVER MAIN LEVEL WALL BELOW

(E) RAILS TO REMAIN OR BE  
REPLACED -TYP

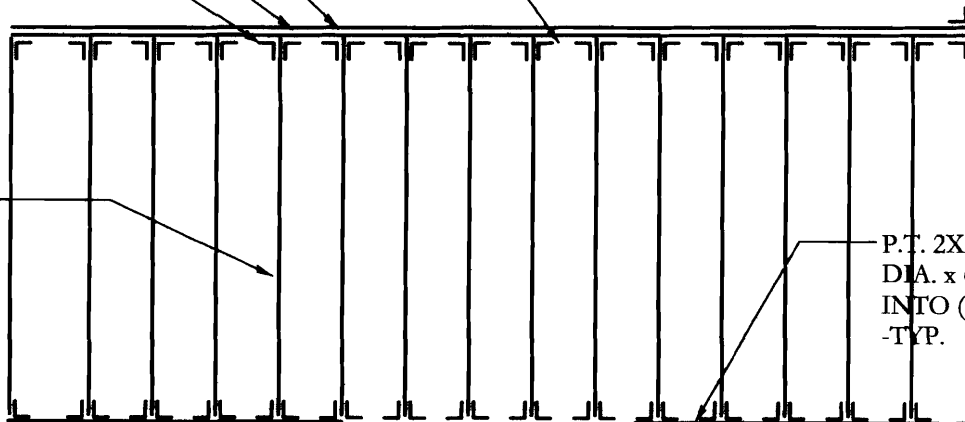
(2) 2X14

LUS210Z HGRS -TYP.

REPLACE  
(E) 2x14  
@ 16"  
FRAMING

(E) 2x14 DECK FRAMING TO  
REMAIN. UNO -TYP.

P.T. 2X12 LEDGER, WITH  $\frac{5}{8}$ "  
DIA. x 6" LAGS @ 16" MAX  
INTO (E) WALL FRAMING  
-TYP.



Deck Replacement  
6 Eastern Promenade  
Portland, Maine 04101  
9-13-2006

### REAR DECK PLAN

### S1

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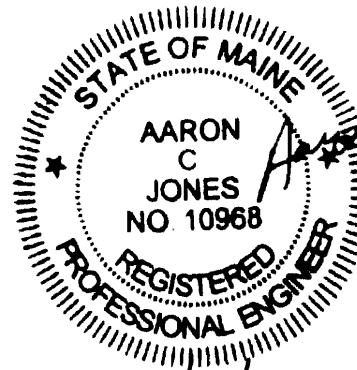
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S.I. JOB# 06-0048

(Rear Deck)

S.I. JOB# 06-0055

(Side Deck)



9/13/2006

LS50 @ SKEWED CONNECTIONS AND CORNERS

(2) 2x8 AROUND PERIMETER -TYP.

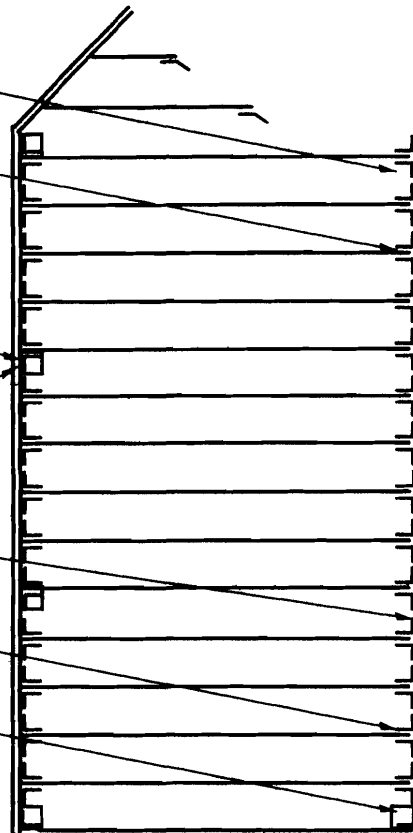
P.T. 6x6 POST ON 2x12 FLAT PLATES x 24" ON (E) MEMBRANE ROOF OVER WINDOW MULLIONS BELOW

LET 2x8 RIM INTO 6x6 POST  $1\frac{1}{2}$ " MIN AND FASTEN W/ (2)  $\frac{1}{2}$ " THRU BOLTS -TYP.

P.T. 2X8 LEDGER, WITH  $\frac{5}{8}$ " DIA. x 6" LAGS @ 16" MAX INTO (E) WALL FRAMING -TYP.

LUS28Z HGRS -TYP.

(2) 2x8 AROUND PERIMETER -TYP.



## DECK FRAMING PLAN

NOTES:

SCALE 1/4"=1'-0"

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# SIDE DECK PLAN

# S2