

Infill to be 3/16" stainless steel cable rail, spaced 3" o.c. vertically, extending through intermediate balusters and terminating at ends with tension adjusters.

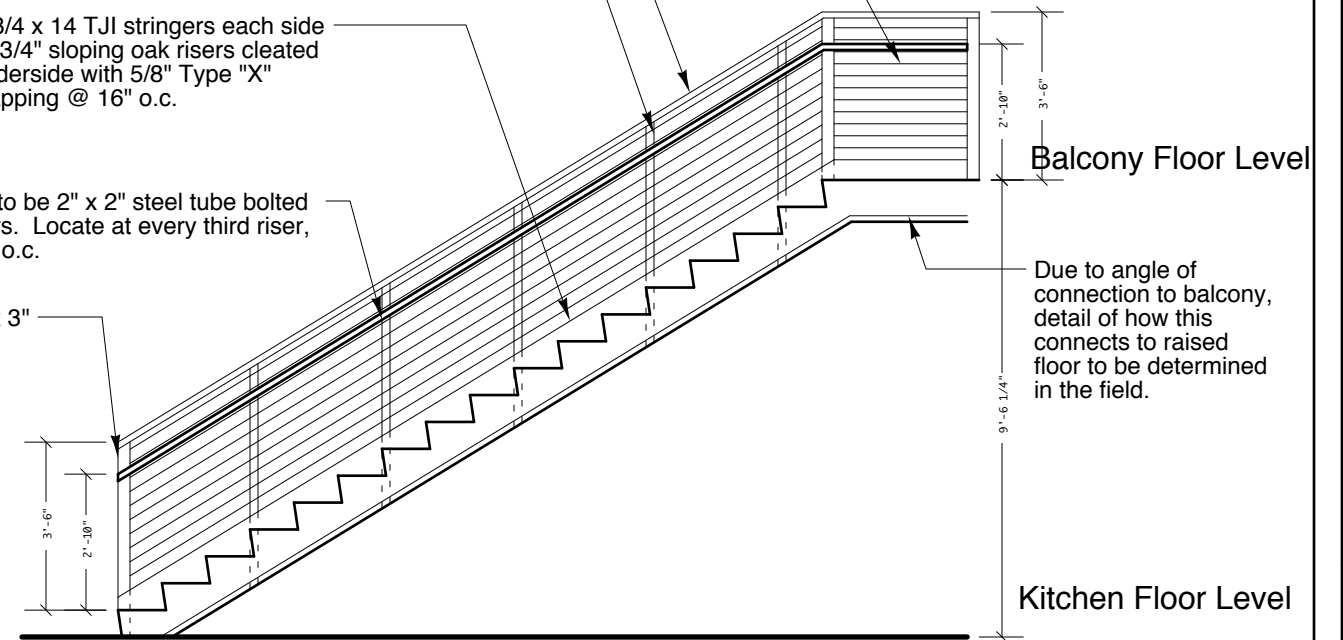
Top rail to be 1 1/2" wood rail to replicate existing balcony wall cap.

Handrail each side to be 1 1/2" diameter wood mounted on offset brackets 1 1/2" from face of balusters.

Typical stair support: 1 3/4 x 14 TJI stringers each side with 5/4" oak treads and 3/4" sloping oak risers cleated to inside face. Finish underside with 5/8" Type "X" gypsum board on 1x strapping @ 16" o.c.

Intermediate balusters to be 2" x 2" steel tube bolted to sides of stair stringers. Locate at every third riser, spaced maximum 3'-0" o.c.

End balusters to be 3" x 3" steel tube posts.



Notes:

1. All stairs to have handrails both sides: 1 1/2" diameter, wood or metal, spaced 1 1/2" from wall or balusters, and mounted on offset brackets at 34" above nosing. Return ends to wall.
2. Stair handrails to extend minimum 12" beyond first riser at top, and continue sloping beyond the bottom riser by the width of one tread, with a level transition at 34" high to extend another 13".
3. New stairs to have 11" treads with sloping risers, creating a 12" total tread depth. Construct with 5/4" treads and 3/4" risers with radiused nosing.

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\*Grace\*  
Chestnut Street Church  
Chestnut Street  
Portland, ME

Scale:  
1/4" = 1'-0"

7/31/08

Balcony  
Service Stair  
Plan &  
Section

SK7