



Building
Division

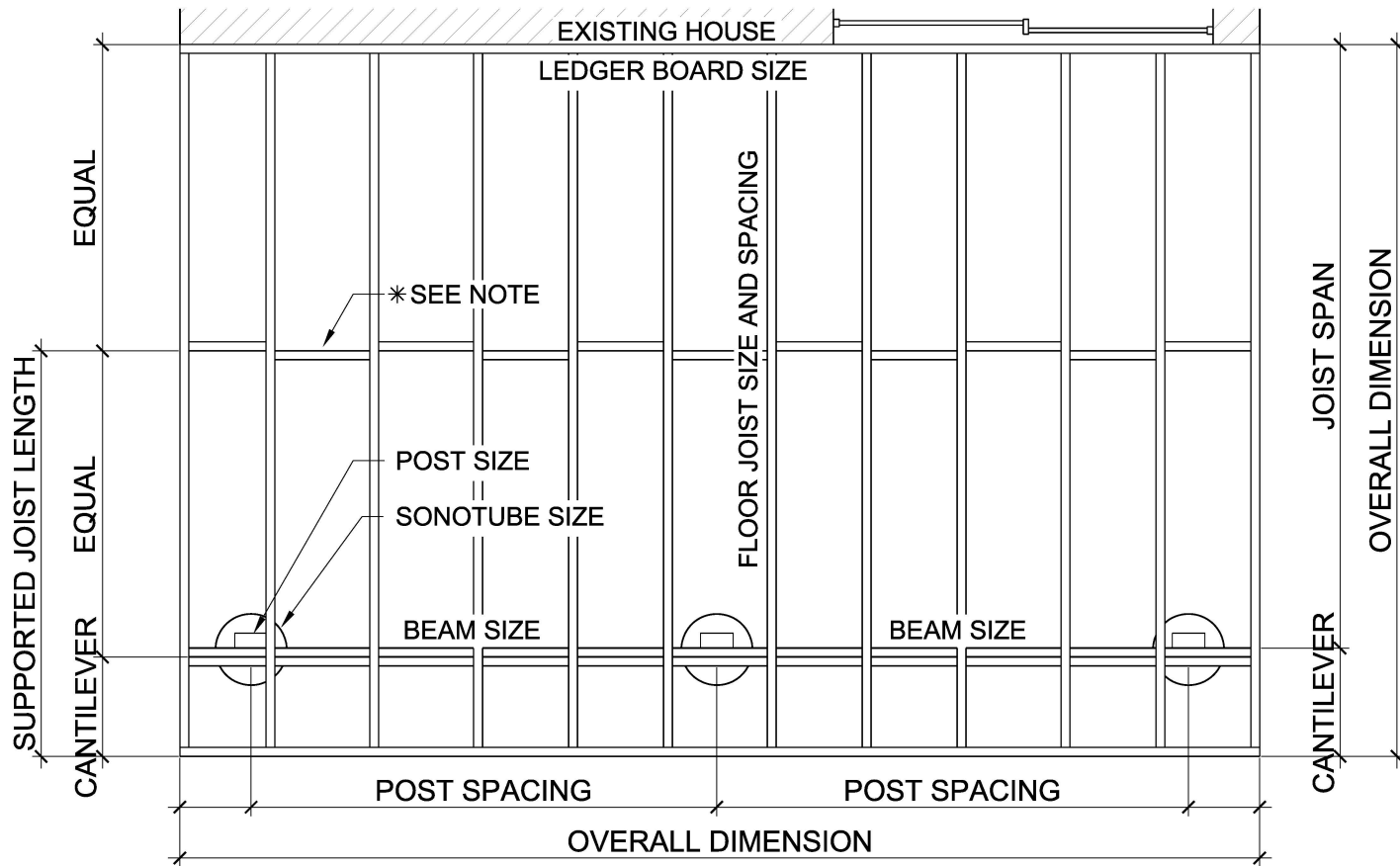
Deck Layout
and Span
Tables

DATE:
MAY 2015

SCALE:
NOT TO SCALE

DRAWING NO.:

9-3a



Deck Layout

**All decking is to be 5/4 x 6 wood material or approved equal

Maximum 2-Ply Beam Length			
Supported Joist Length	2 x 8	2 x 10	2 x 12
4'-0"	11'-7"	14'-10"	17'-4"
6'-0"	9'-10"	12'-1"	14'-0"
8'-0"	8'-7"	10'-6"	12'-3"
10'-0"	7'-8"	9'-4"	10'-8"
Maximum 3-Ply Beam Length			
8'-0"	10'-8"	13'-0"	15'-1"
10'-0"	9'-6"	11'-8"	13'-6"

Maximum Floor Joist Length		
Joist Size	Max. Span	Max. Cantilever
2x8 @ 12" O.C.	12'-6"	20"
2x8 @ 16" O.C.	11'-9"	16"
2x8 @ 24" O.C.	11'-0"	14"
2x10 @ 12" O.C.	14'-6"	28"
2x10 @ 16" O.C.	13'-8"	24"
2x10 @ 24" O.C.	12'-10"	20"
2x12 @ 12" O.C.	16'-5"	28"
2x12 @ 16" O.C.	15'-6"	24"
2x12 @ 24" O.C.	14'-6"	20"

* Install solid blocking when floor joist span exceeds 6'-10". Blocking required to be of the same material and size as the floor joist and located not more than 6'-10" from each support and other rows of blocking.



**Building
Division**

**Deck
Details**

**Guard, Post,
Beam,
Footing and
Ledger Board**

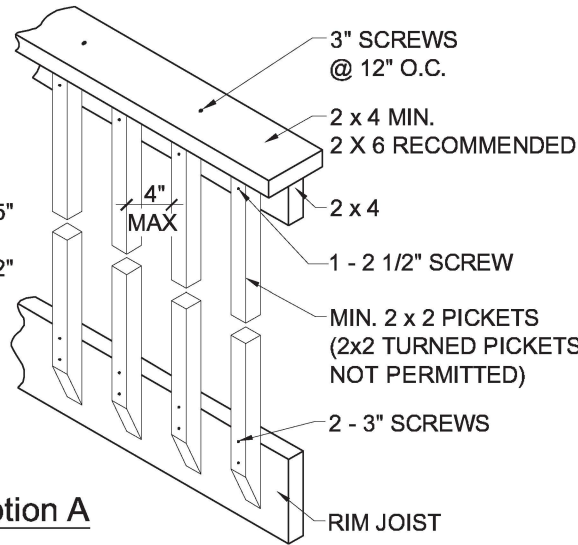
DATE:
JANUARY 2013

SCALE:
NOT TO SCALE

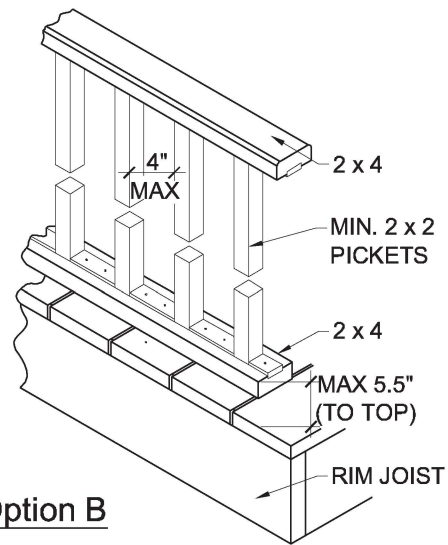
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MIN. GUARD HEIGHT
WITH DECKS:
- 5'-11" OR LESS
ABOVE GROUND = 35"
- MORE THAN 5'-11"
ABOVE GROUND = 42"



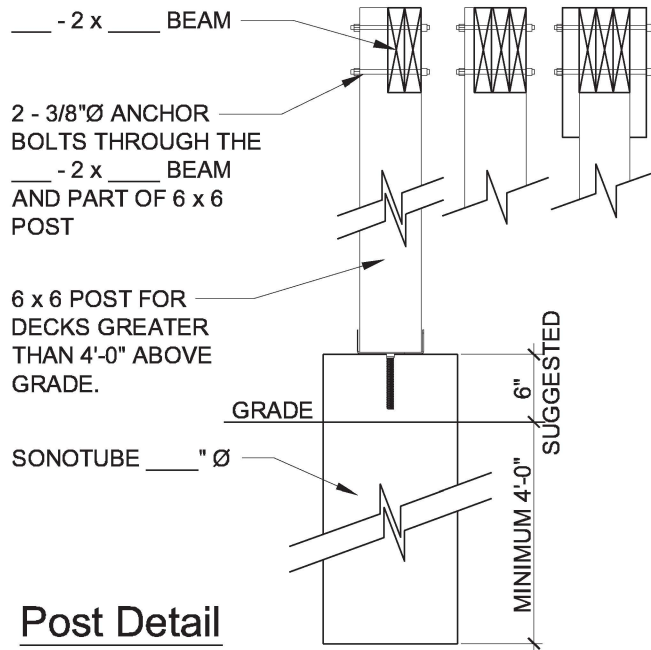
Option A



Option B

NOTE: ANYTHING OTHER
THAN A WOOD GUARD/
RAILING, PLEASE SUBMIT
A COPY OF THE
PRE-ENGINEERED
GAURD/RAILING DETAILS
WITH YOUR BUILDING
APPLICATION.

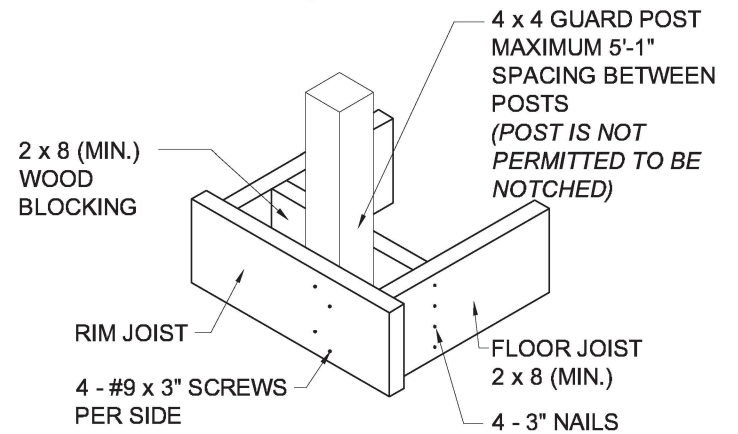
Guard Details



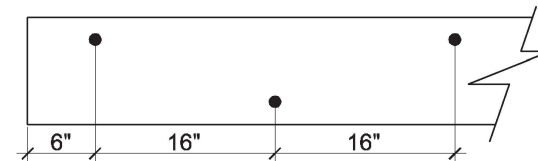
Post Detail

**SOLID BLOCKING REQUIRED FOR BEAMS @ 18" O.C.

**ADDITIONAL LATERAL BRACING MAY BE REQUIRED. CONFIRM
WITH BUILDING INSPECTOR @ FRAMING INSPECTION.



Guard Post Detail



MINIMUM 3/8"Ø ANCHOR BOLTS @ 16" CENTERS
STAGGERED. ANCHOR BOLTS MUST BE INTO
WOOD FRAMING OR FOUNDATION WALL. DO
NOT SECURE INTO BRICK VENEER ALONE.

Ledger Board Detail