

SIDE VIEW

FRONT VIEW

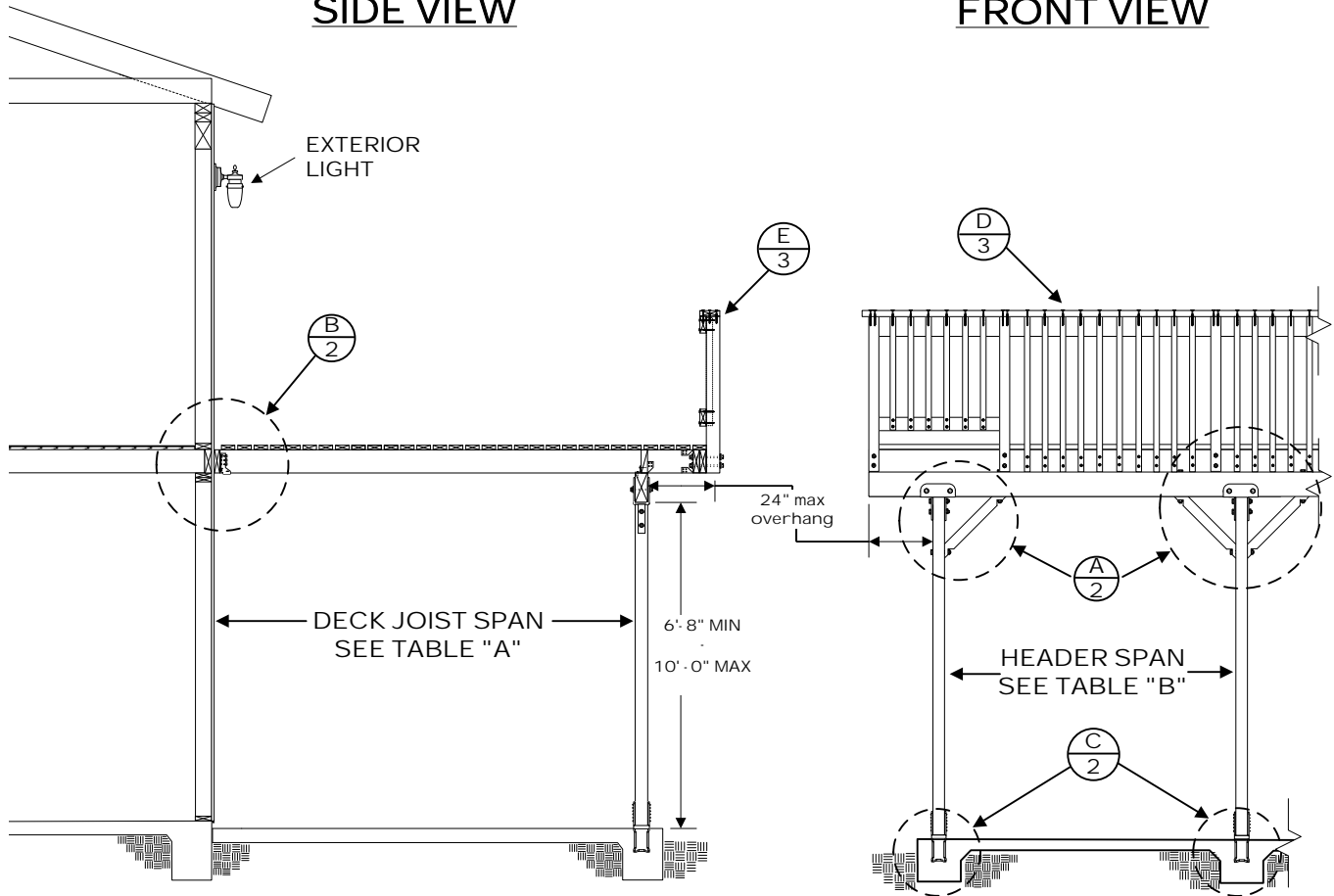


TABLE "A"
DECK JOIST SPANS
(doug l as fir #2 or better)

SIZE	SPACING	SPAN
2 x 6	12" o.c.	10' - 6"
	16" o.c.	9' - 0"
	24" o.c.	7' - 6"
2 x 8	12" o.c.	14' - 0"
	16" o.c.	12' - 0"
	24" o.c.	9' - 6"
2 x 10	16" o.c.	15' - 0"
	24" o.c.	12' - 0"
x 12	24" o.c.	14' - 0"
4 x 6	12" o.c.	14' - "
	16" o.c.	13' - "
	24" o.c.	1' - 6"
4 x 8	24" o.c.	1' - 0"
4 x 10	32" o.c.	1' - 0"

TABLE "B"
HEADER SIZING & SPANS
(doug l as fir #2 or better)

JOIST SPAN	HEADER	
	SIZE	SPAN
UPTO 8'-0"	4 X 8	8'-0"
	4 X 10	10'-0"
	4 X 12	11'-6"
	6 X 12	14'-0"
8'-1" - 10'-0"	4 X 8	7'-6"
	4 X 10	9'-6"
	4 X 12	11'-0"
	6 X 12	13'-0"
10'-1" - 12'-0"	4 X 8	7'-0"
	4 X 10	9'-0"
	4 X 12	10'-0"
	6 X 12	12'-0"
12'-1" - 15'-0"	4 X 8	6'-6"
	4 X 10	8'-0"
	4 X 12	9'-6"
	6 X 12	11'-0"

TABLE "C"
LEDGER BOLT SPACING
(3/8 dia. X 6" l ag bol ts - see note 1)

DECK JOIST SPAN	SPACING
8'-0" OR LESS	8" O.C.
8'-1" TO 10'-0"	7" O.C.
10'-1" TO 12'-0"	6" O.C.
12'-1" TO 14'-0"	5" O.C.
14'-1" TO 15'-0"	4" O.C.

NOTES:

1. Ledger Bol ts shal l be 3/8" dia. x 6" long with 1/ 4" dia. pre drilled holes. Bol ts are to be placed staggered.
2. All metal hardware & screws to be galvanized or of otherwise approved corrosion resistance
3. Maximum 5' joist span if 2nd fl oor is cantil evered at ledger.
4. Shear wal ls may not be modified unless structural cal cul ations are submitted and approved by the Building DepartmenW

DISCLAIMER:

Al ternate deck designs may be possible when provided with an engineered analysis. Use of this conventional standard design is at the user's risk and carries no implied or inferred guarantee against fail ure or defects.

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BUILDING DEPARTMENT**

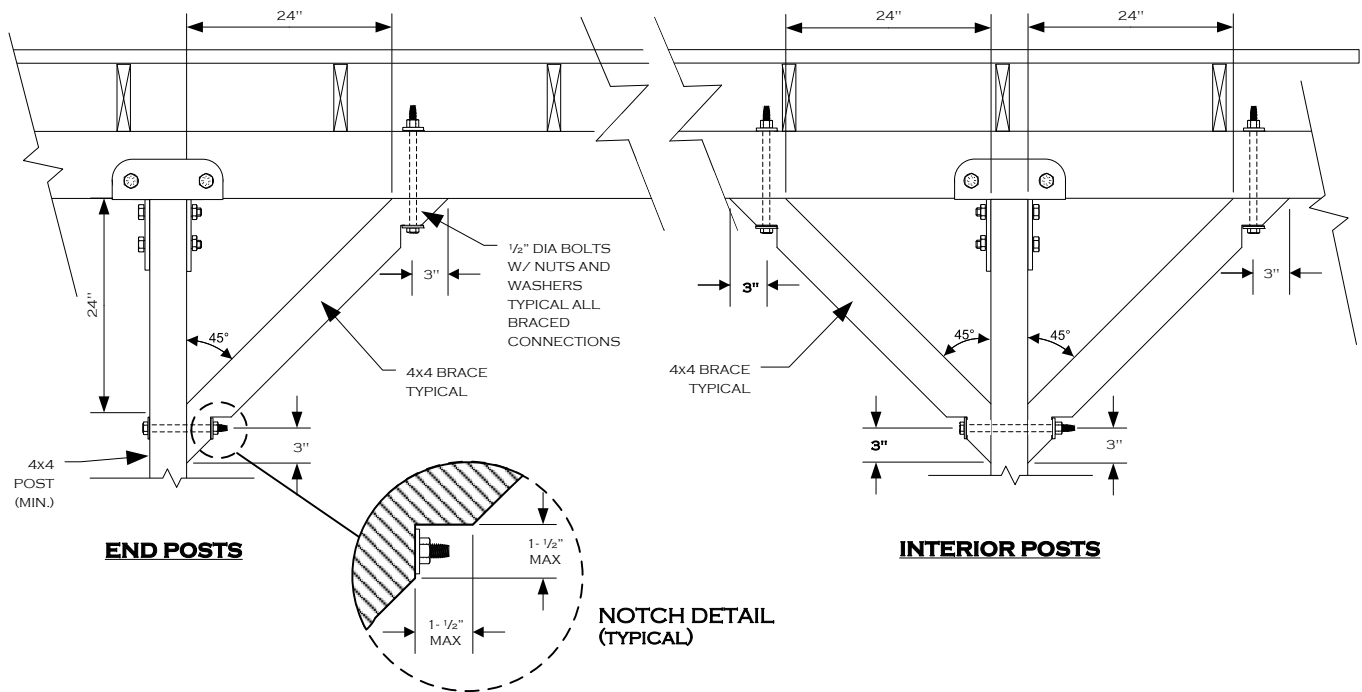
Bal cony/Deck Standard

(951) 955-1800

4080 Lemon St, 9th Fl * P.O. Box 1629 *
Riverside, CA 92501

Fax (951) 955-1806

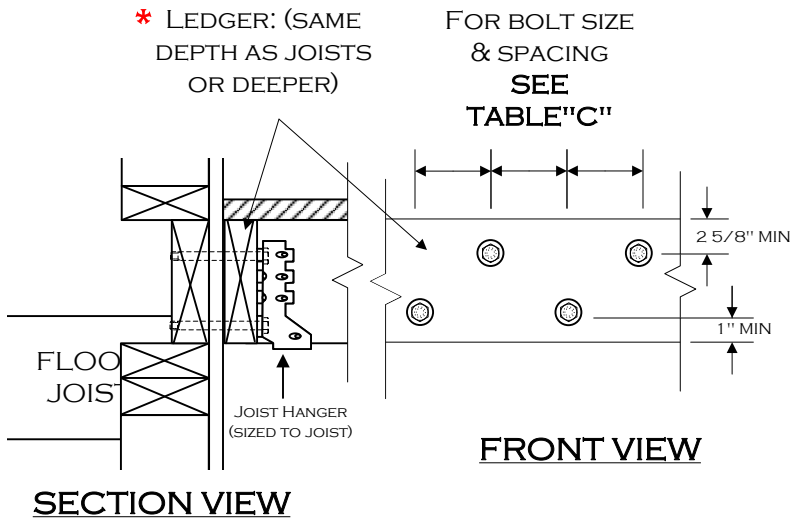
KNEE BRACE DETAIL (A)



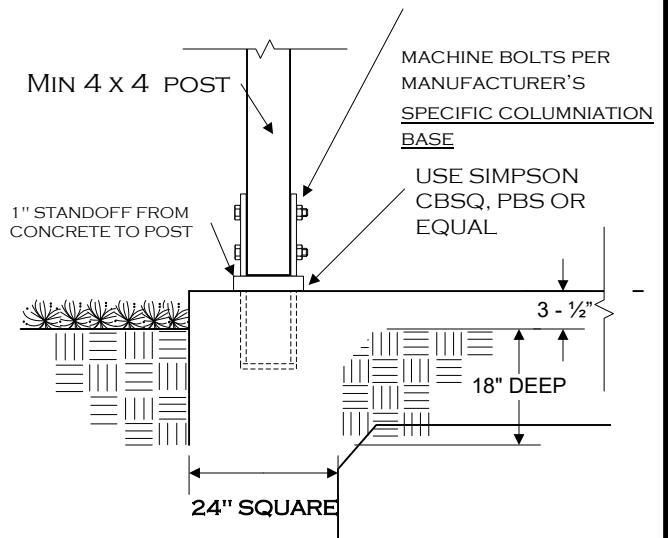
NOTE:

1. END POSTS REQUIRE SINGLE KNEE BRACE. ALL INTERIOR POSTS TO HAVE DOUBLE BRACES.

LEDGER DETAIL (B)



FOOTING DETAIL (C)



NOTE: THIS DECK CONNECTION DETAIL IS BASED ON THE ASSUMPTION THAT A MINIMUM 1-1/2" THICK WOOD MEMBER IS ADEQUATELY INSTALLED AT ALL EDGES OF THE 2ND FLOOR DIAPHRAGM. IF ANY OTHER MATERIAL IS USED, SUCH AS TJI JOISTS, A SPECIAL ENGINEERED DESIGN WILL BE REQUIRED. IT IS THE OWNER'S RESPONSIBILITY TO VERIFY THE PRESENCE OF THE APPROPRIATE RIM JOIST.

* IN H.F.Z ATTACH- 2X BLOCKINGS TO 2X LEDGER WITH 10 D NAILS



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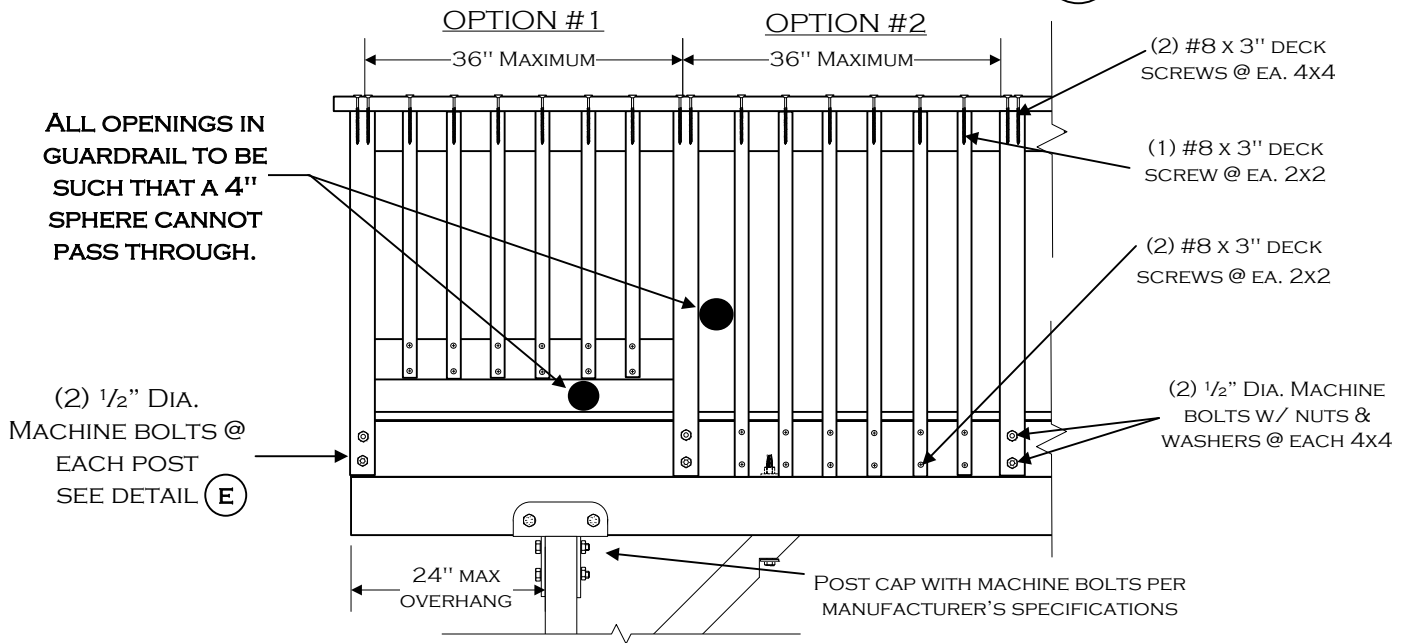
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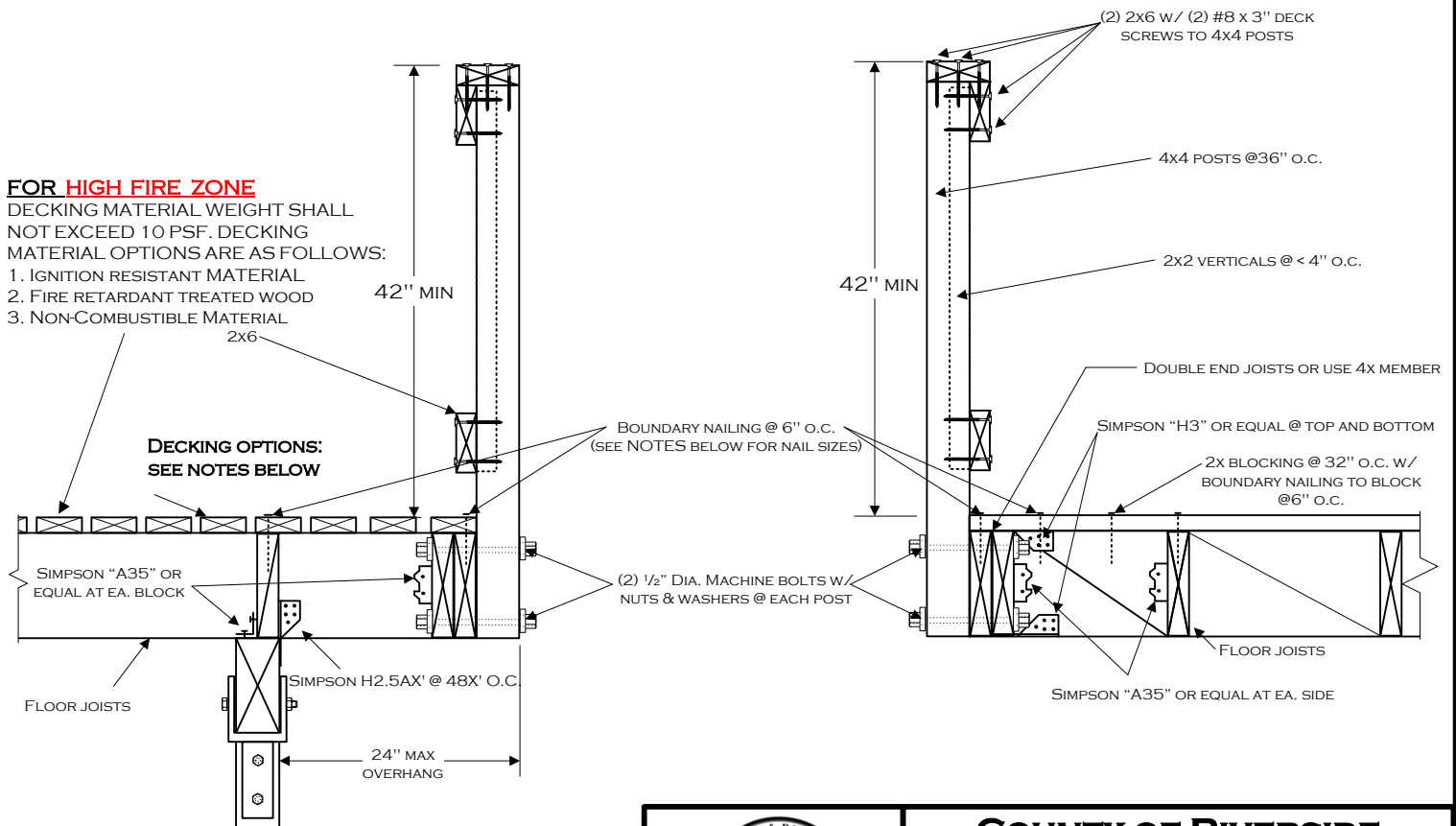
RAILING, POST, & BEAM DETAIL (D)



RAILING SECTION VIEWS (E)

GUARDRAIL PERPENDICULAR TO JOISTS

GUARDRAIL PARALLEL TO JOISTS



NOTE- DECKING OPTIONS ARE AS FOLLOWS:

- 5/8" TONGUE AND GROOVE JOINTED PLYWOOD SECURED WITH 8d NAILS. ALL EDGE NAILING AT 6" O.C. MUST BE COVERED WITH AN APPROVED WEATHER RESISTIVE MATERIAL WALKING SURFACE, AND SLOPED FOR DRAINAGE.
- 2X6" DECKING SECURED W/ (2) 16d NAILS @ EA. JOIST.



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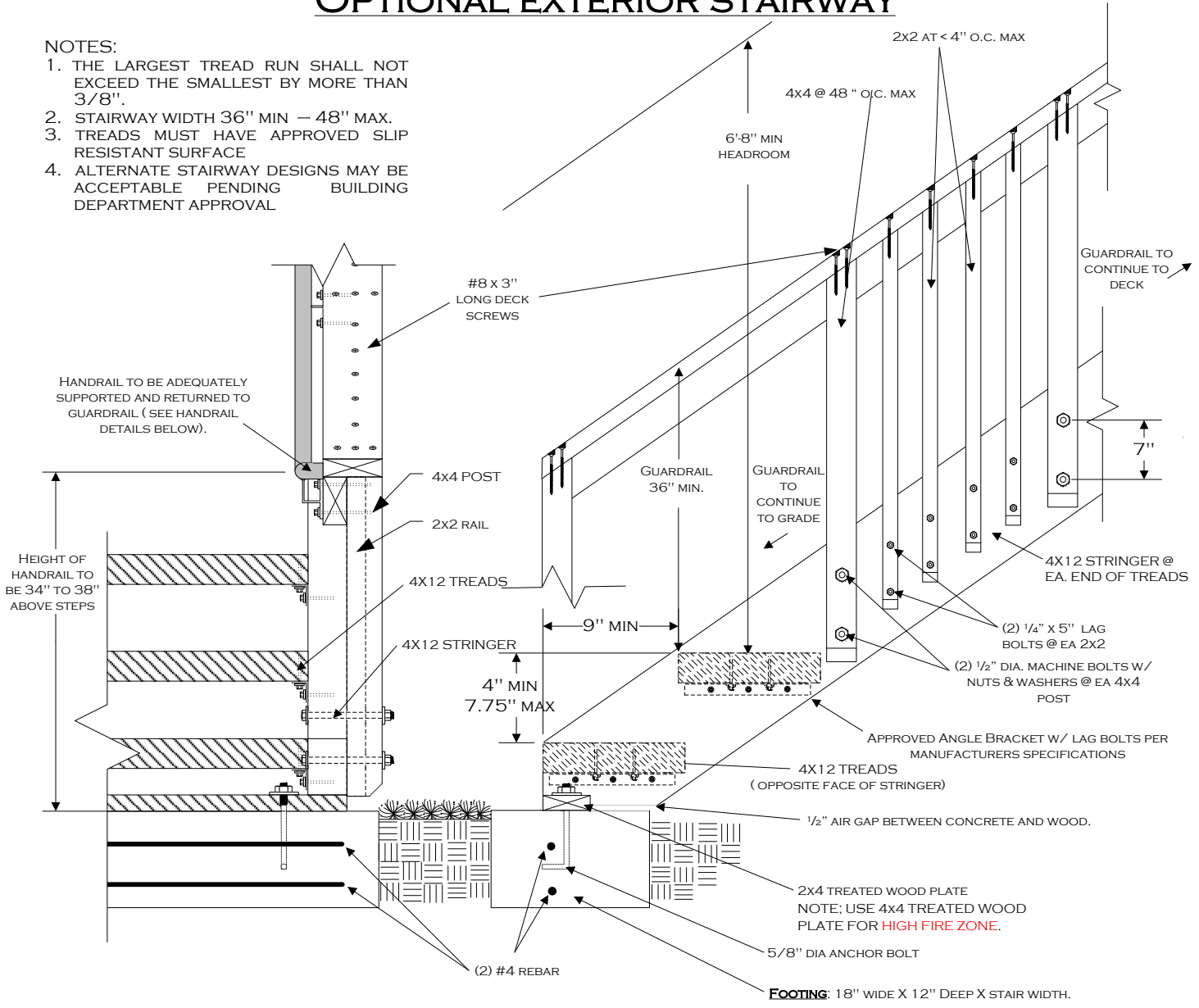
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OPTIONAL EXTERIOR STAIRWAY

NOTES:

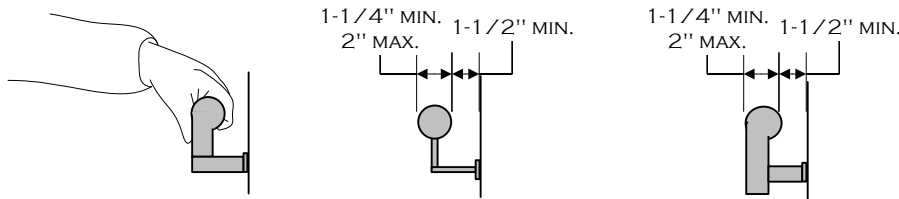
1. THE LARGEST TREAD RUN SHALL NOT EXCEED THE SMALLEST BY MORE THAN 3/8".
2. STAIRWAY WIDTH 36" MIN – 48" MAX.
3. TREADS MUST HAVE APPROVED SLIP RESISTANT SURFACE
4. ALTERNATE STAIRWAY DESIGNS MAY BE ACCEPTABLE PENDING BUILDING DEPARTMENT APPROVAL



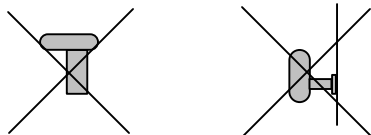
FRONT VIEW

SIDE VIEW


HANDRAIL DETAILS



NOTE: OTHER SHAPES MAY BE ACCEPTABLE IF THEY PROVIDE AN EQUIVALENT GRIPPING SURFACE.



THESE DESIGNS ARE NOT ACCEPTABLE

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