

SIDE VIEW

FRONT VIEW

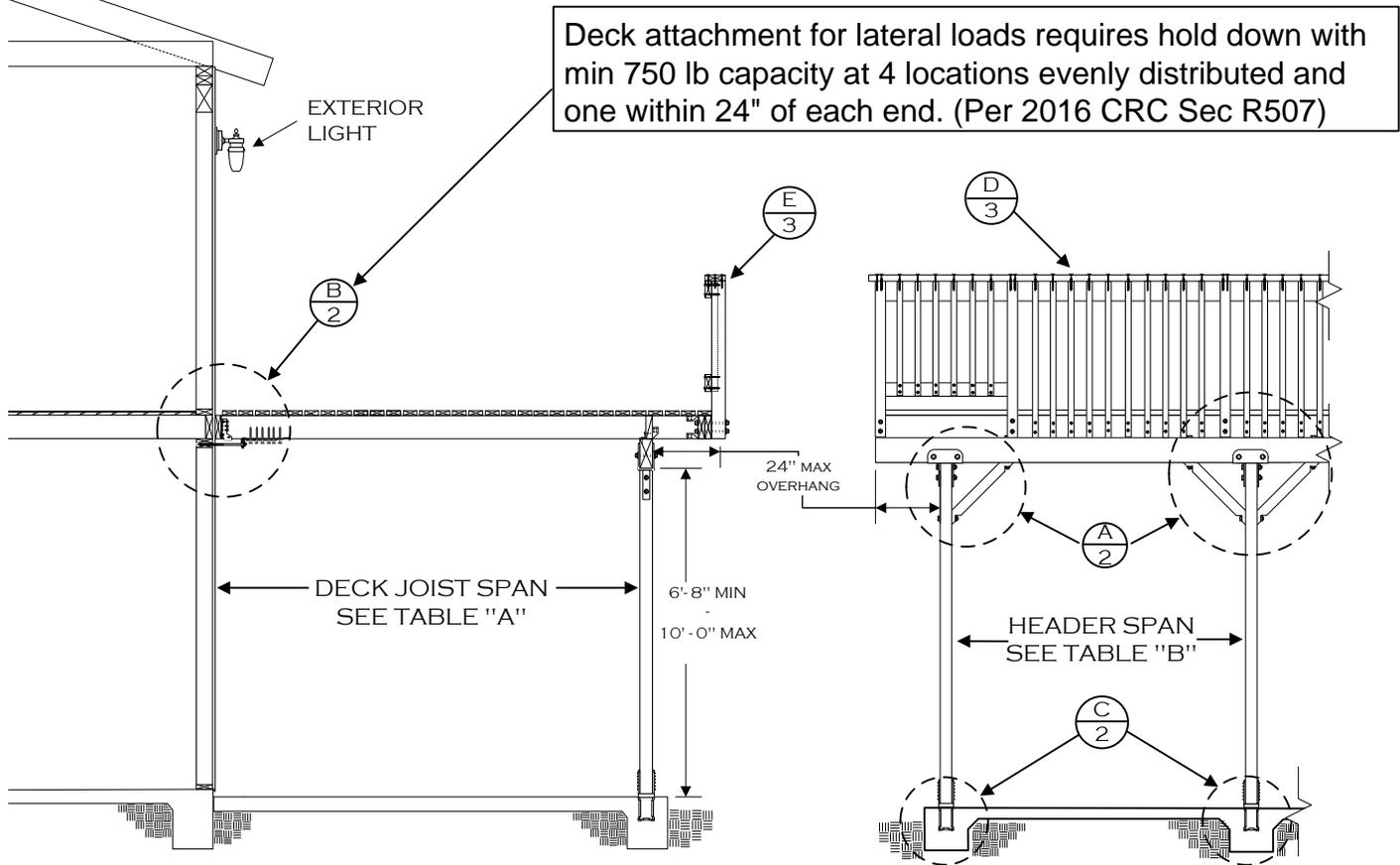


TABLE "A"
DECK JOIST SPANS
(DOUGLAS FIR #2 OR BETTER)

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"
2 x 12	24" o.c.	14' - 0"
4 x 6	12" o.c.	14' - 6"
	16" o.c.	13' - 6"
	24" o.c.	11' - 6"
4 x 8	24" o.c.	15' - 0"
4 x 10	32" o.c.	15' - 0"

TABLE "B"
HEADER SIZING & SPANS
(DOUGLAS 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"
10'-1" - 12'-0"	6 X 12	13'-0"
	4 X 8	7'-0"
	4 X 10	9'-0"
	4 X 12	10'-0"
12'-1" - 15'-0"	6 X 12	12'-0"
	4 X 8	6'-6"
	4 X 10	8'-0"
	4 X 12	9'-6"
	6 X 12	11'-0"

TABLE "C" ^Δ
LEDGER BOLT SPACING
(3/8 DIA. X 6" LAG BOLTS - SEE NOTE 1)

DECK JOIST SPAN	SPACING
8'-0" OR LESS	8" O.C.
8'-1" TO 10'-0"	6" O.C.
10'-1" TO 12'-0"	5-1/2" O.C.
12'-1" TO 14'-0"	4-1/2" O.C.
14'-1" TO 15'-0"	4" O.C.

NOTES:

- LEDGER BOLTS SHALL BE 3/8" DIA. X 6" LONG WITH 1/4" DIA. PRE DRILLED HOLES. BOLTS ARE TO BE PLACED STAGGERED.
- ALL METAL HARDWARE & SCREWS TO BE GALVANIZED OR OTHERWISE APPROVED CORROSION RESISTANCE
- MAXIMUM 5' JOIST SPAN IF 2ND FLOOR IS CANTILEVERED AT LEDGER.
- SHEAR WALLS MAY NOT BE MODIFIED UNLESS STRUCTURAL CALCULATIONS ARE SUBMITTED AND APPROVED BY THE BUILDING DEPARTMENT
- USE OF THIS STANDARD IS LIMITED TO R-3 OCCUPANCIES (SINGLE FAMILY DWELLINGS AND DUPLEX) ^Δ

DISCLAIMER:

ALTERNATE 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 FAILURE OR DEFECTS.

WESTERN RIVERSIDE COUNTY CODE UNIFORMITY PROGRAM



**CITY OF JURUPA VALLEY
BUILDING DEPARTMENT**

BALCONY/DECK STANDARD

(951) 332-6464

8930 LIMONITE AVE
JURUPA VALLEY CA 92509

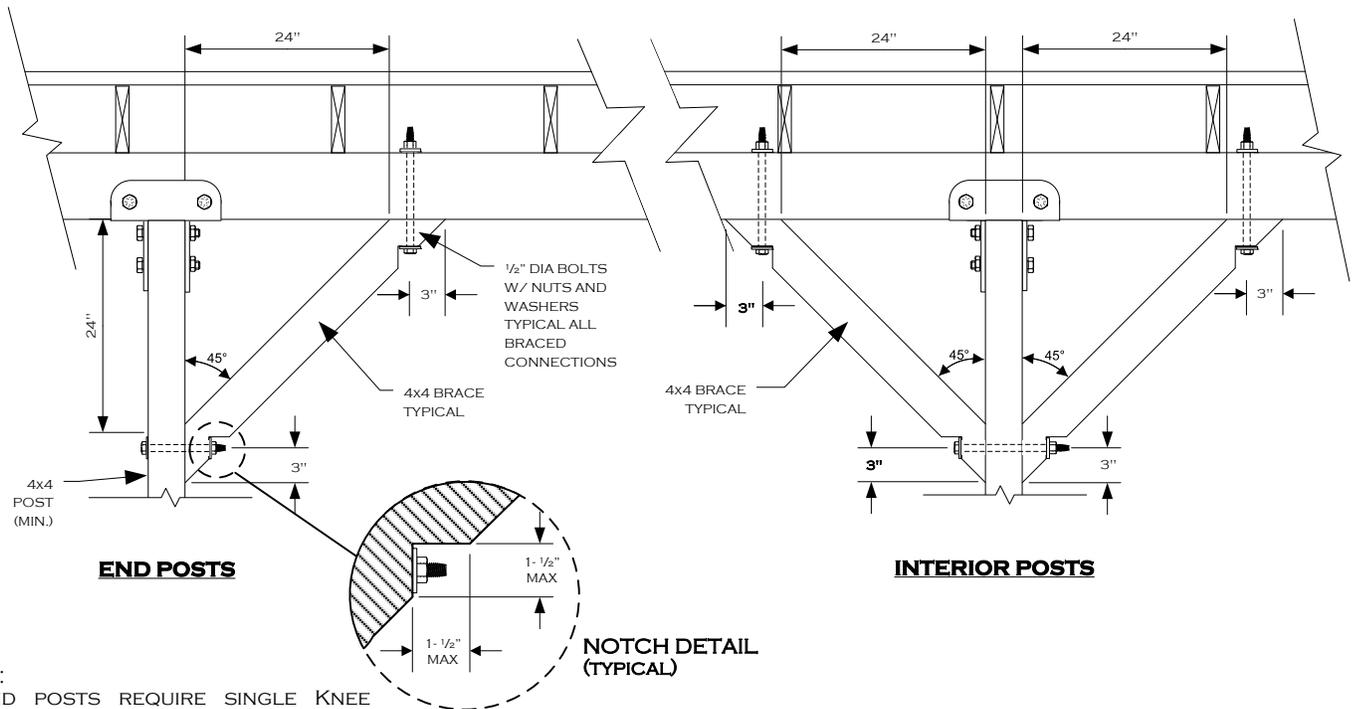
FAX (951) 332-6995

6/12/2018 ^Δ

DECK STDS-6-12-2018
JV.VSD

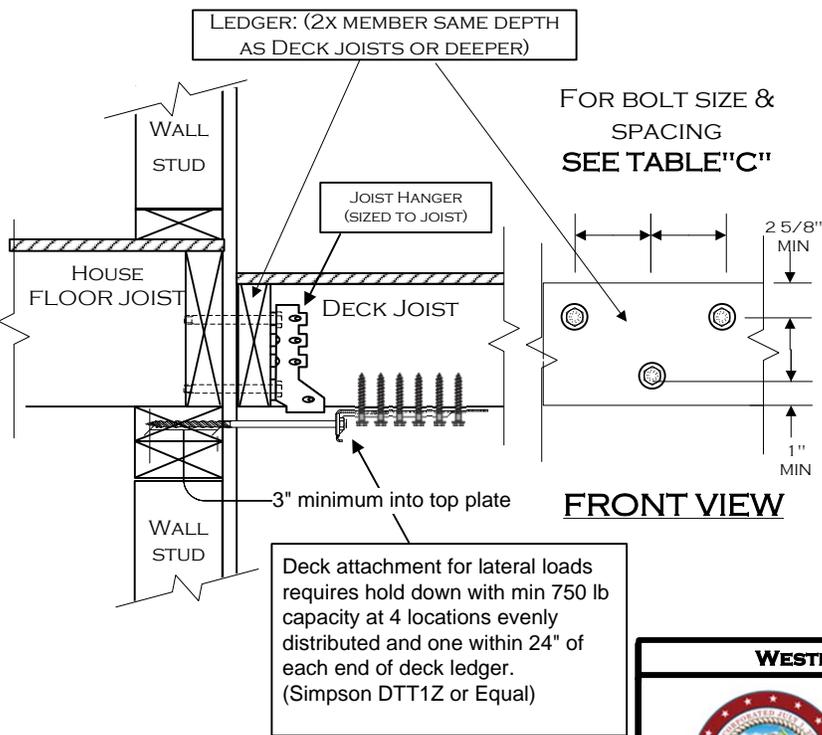
PAGE 1 OF 4

KNEE BRACE DETAIL (A)



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

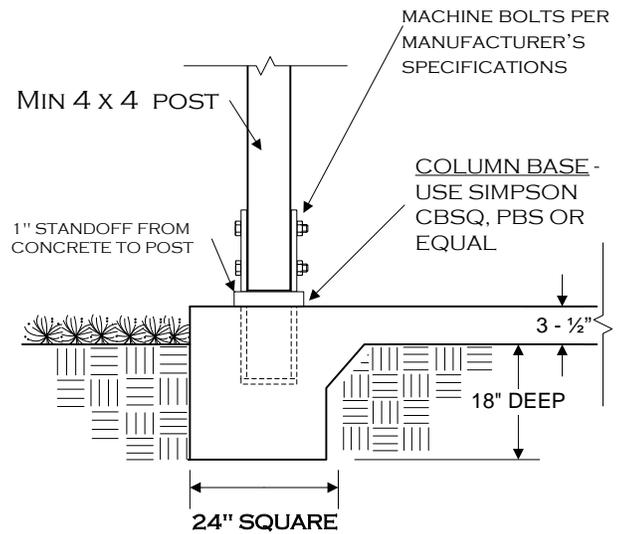
LEDGER DETAIL (B)



SECTION VIEW

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.

FOOTING DETAIL (C)



WESTERN RIVERSIDE COUNTY CODE UNIFORMITY PROGRAM



CITY OF JURUPA VALLEY BUILDING DEPARTMENT

BALCONY/DECK STANDARD

(951) 332-6464

8930 LIMONITE AVE
JURUPA VALLEY, CA 92509

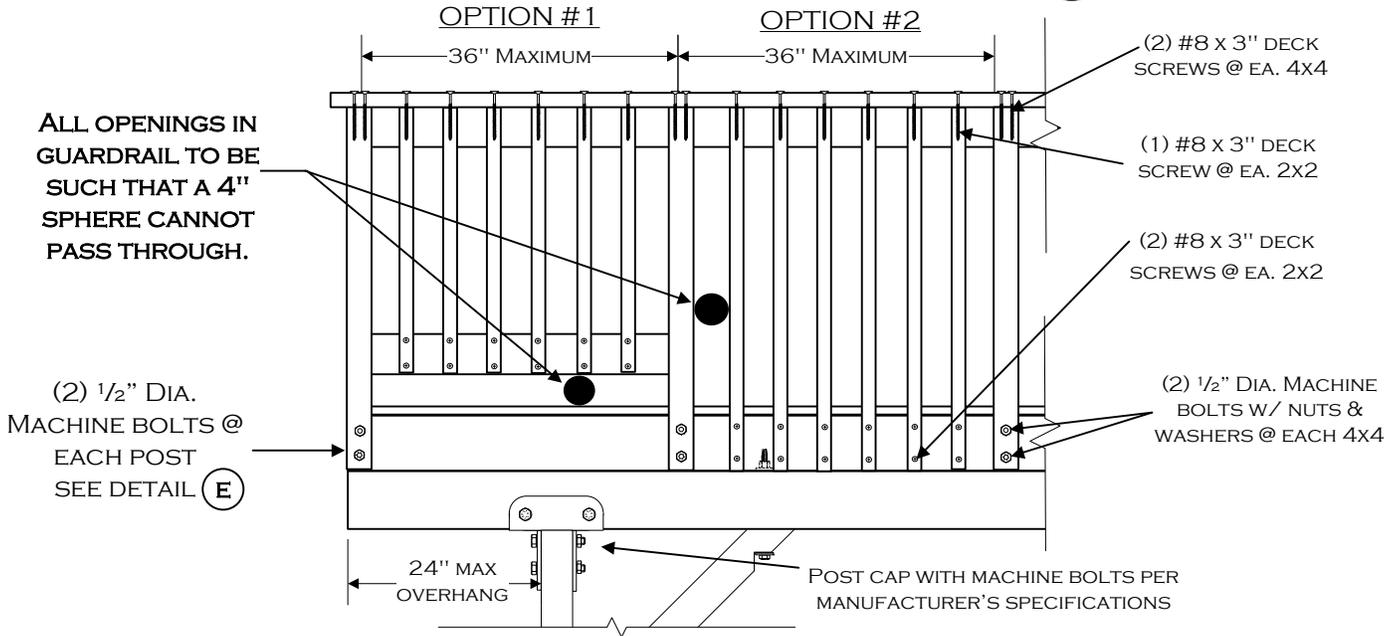
Fax (951) 332-6995

6/12/2018

DECK STDS-6-12-2018
JV.VSD

PAGE 2 OF 4

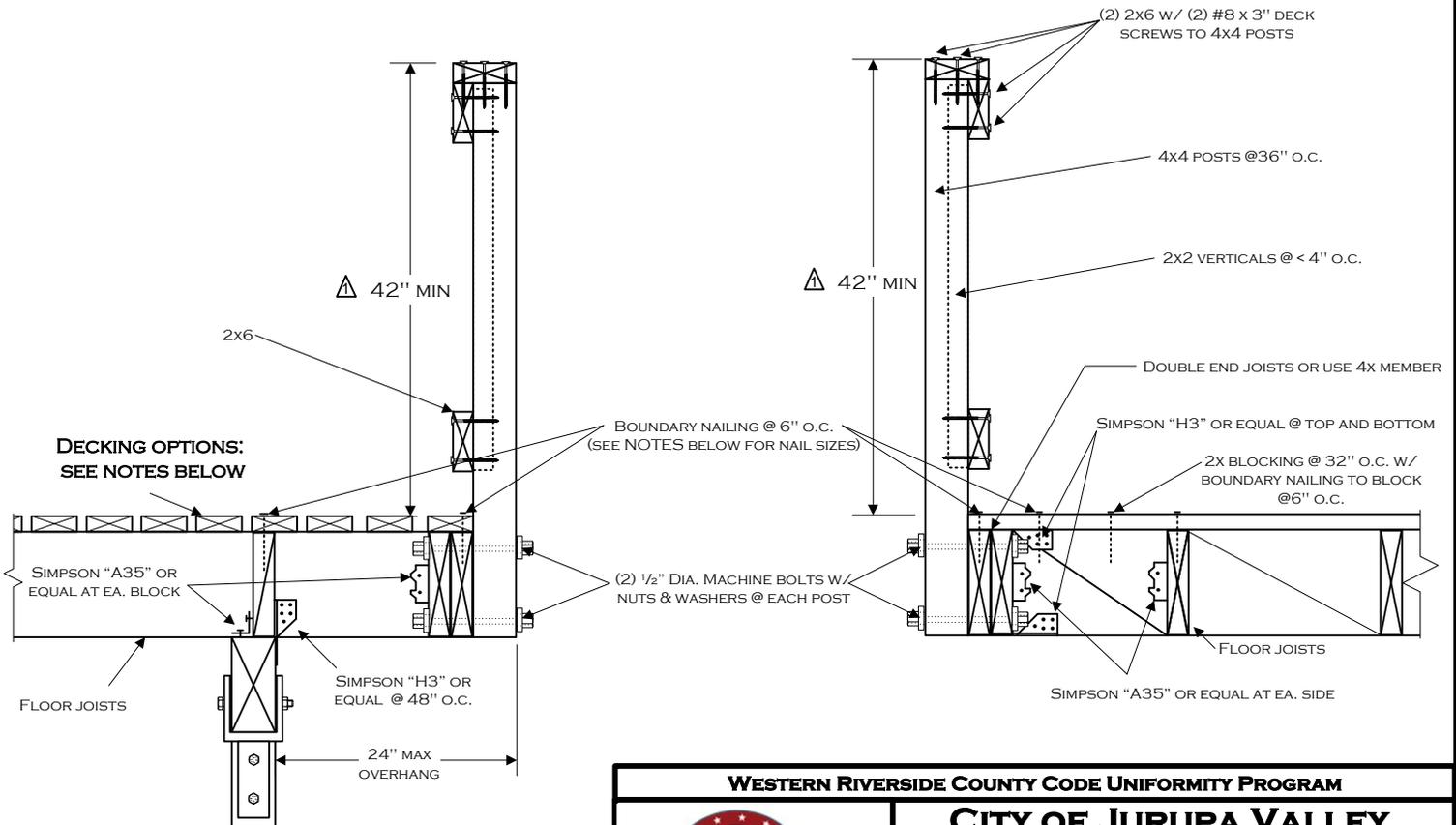
RAILING, POST, & BEAM DETAIL (D)



RAILING SECTION VIEWS (E)

GUARDRAIL PERPENDICULAR TO JOISTS

GUARDRAIL PARALLEL TO JOISTS



NOTE- DECKING OPTIONS ARE AS FOLLOWS:

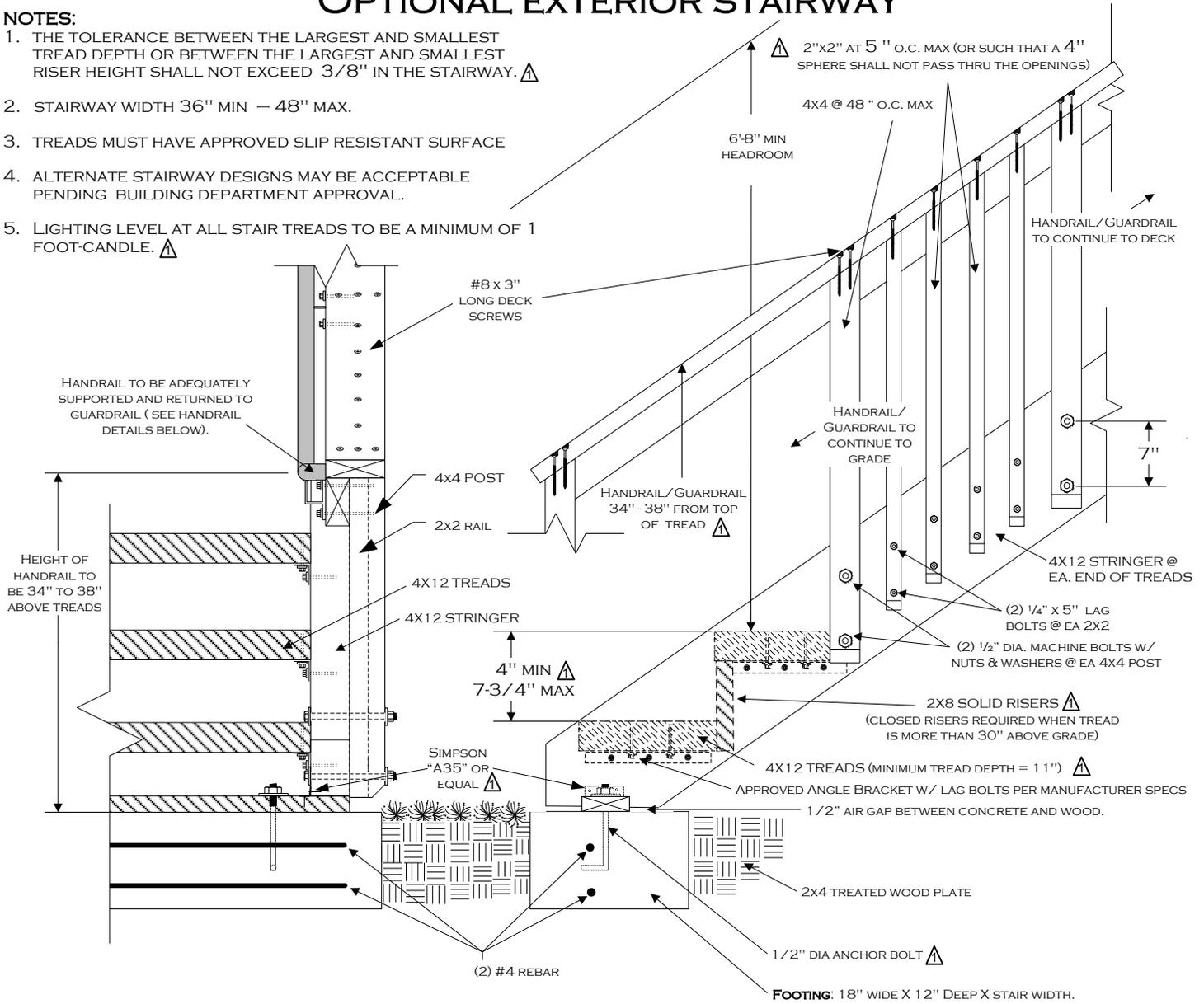
- 5/8" TONGUE AND GROOVE JOINTED PLYWOOD SECURED WITH 8d NAILS. ALL EDGE NAILING AT 6" O.C. MUST BE COVERED WITH AN APPROVED WEATHER RESISTIVE MATERIAL WALKING SURFACE, AND SLOPED FOR DRAINAGE.
- 2X6" DECKING SECURED W/ (2) 16d NAILS @ EA. JOIST.

WESTERN RIVERSIDE COUNTY CODE UNIFORMITY PROGRAM	
	CITY OF JURUPA VALLEY
	BUILDING DEPARTMENT
BALCONY/DECK STANDARD	
(951) 332-6464	8930 LIMONITE AVE JURUPA VALLEY, CA 92509
Fax (951) 332-6995	6/12/2018  DECK STDS-6-12-2018 JV.VSD
	PAGE 3 OF 4

OPTIONAL EXTERIOR STAIRWAY

NOTES:

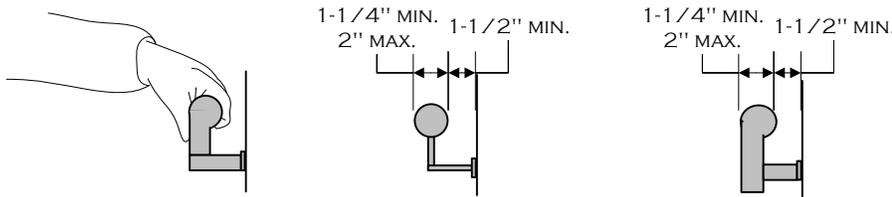
1. THE TOLERANCE BETWEEN THE LARGEST AND SMALLEST TREAD DEPTH OR BETWEEN THE LARGEST AND SMALLEST RISER HEIGHT SHALL NOT EXCEED 3/8" IN THE STAIRWAY. ⚠
2. STAIRWAY WIDTH 36" MIN - 48" MAX.
3. TREADS MUST HAVE APPROVED SLIP RESISTANT SURFACE
4. ALTERNATE STAIRWAY DESIGNS MAY BE ACCEPTABLE PENDING BUILDING DEPARTMENT APPROVAL.
5. LIGHTING LEVEL AT ALL STAIR TREADS TO BE A MINIMUM OF 1 FOOT-CANDLE. ⚠



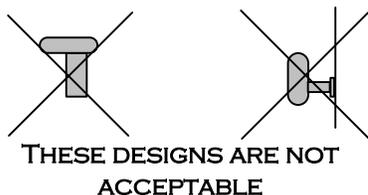
FRONT VIEW

SIDE VIEW

HANDRAIL DETAILS



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



WESTERN RIVERSIDE COUNTY CODE UNIFORMITY PROGRAM			
	CITY OF JURUPA VALLEY		
	BUILDING DEPARTMENT		
BALCONY/DECK STANDARD			
(951) 332-6464		8930 LIMONITE AVE JURUPA VALLEY, CA 92509	
FAX (951) 332-6995		6/12/2018 ⚠	DECK STDS-6-12-2018 JV.VSD
			PAGE 4 OF 4