

SIDE VIEW

FRONT VIEW

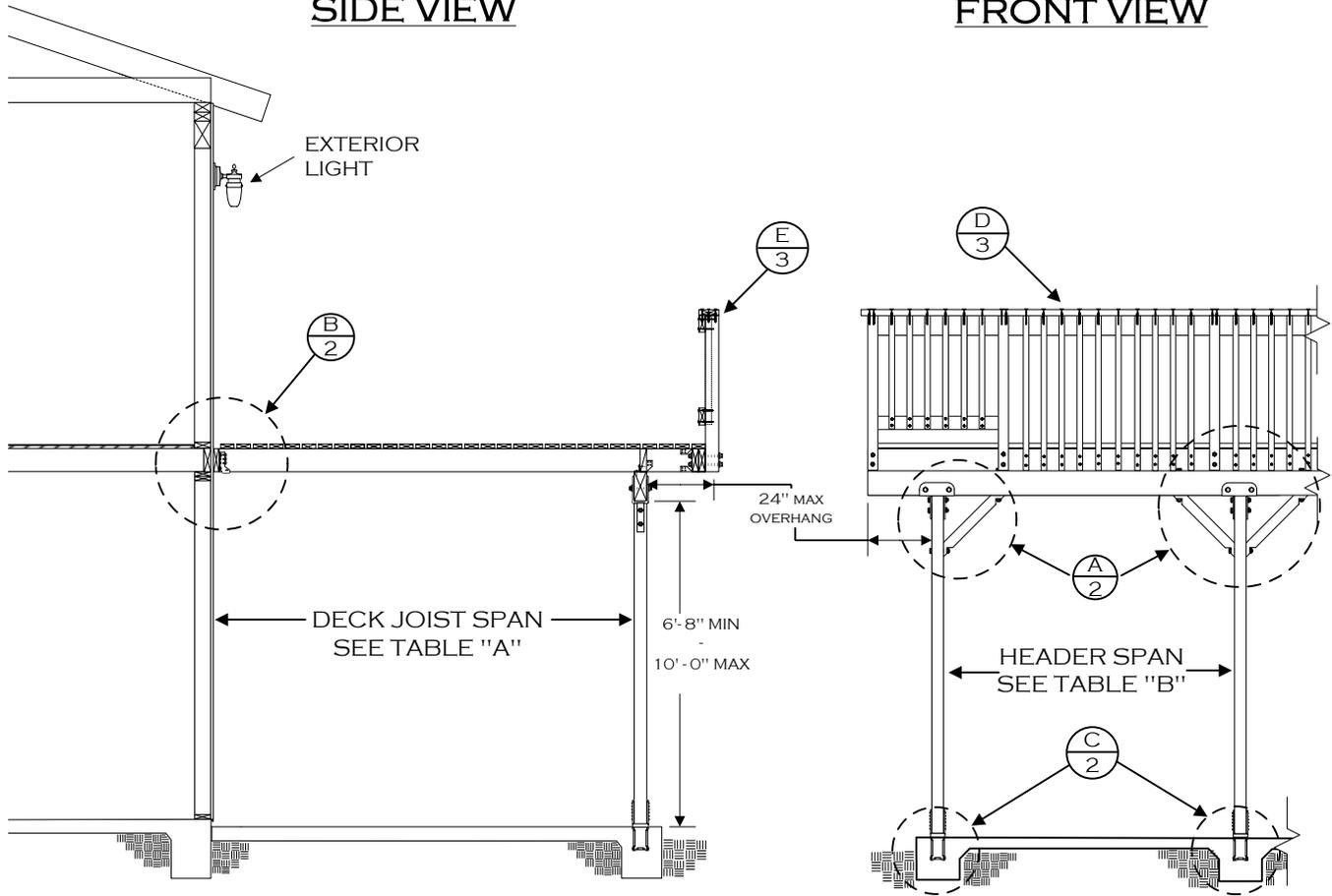


TABLE "A"
DECK JOIST SPANS
(DOUGLAS FIR #2 OR BETTER)

| 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" |
| | 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" LAG BOLTS - 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 BOLTS SHALL BE 3/8" DIA. X 6" LONG WITH 1/4" DIA. PRE DRILLED HOLES. BOLTS 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 FLOOR IS CANTILEVERED AT LEDGER.
4. SHEAR WALLS MAY NOT BE MODIFIED UNLESS STRUCTURAL CALCULATIONS ARE SUBMITTED AND APPROVED BY THE BUILDING DEPARTMENT

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 PERRIS

BUILDING DEPARTMENT

BALCONY/DECK STANDARD

(951) 443-1029

Fax (951) 657-9685

135 N D ST.

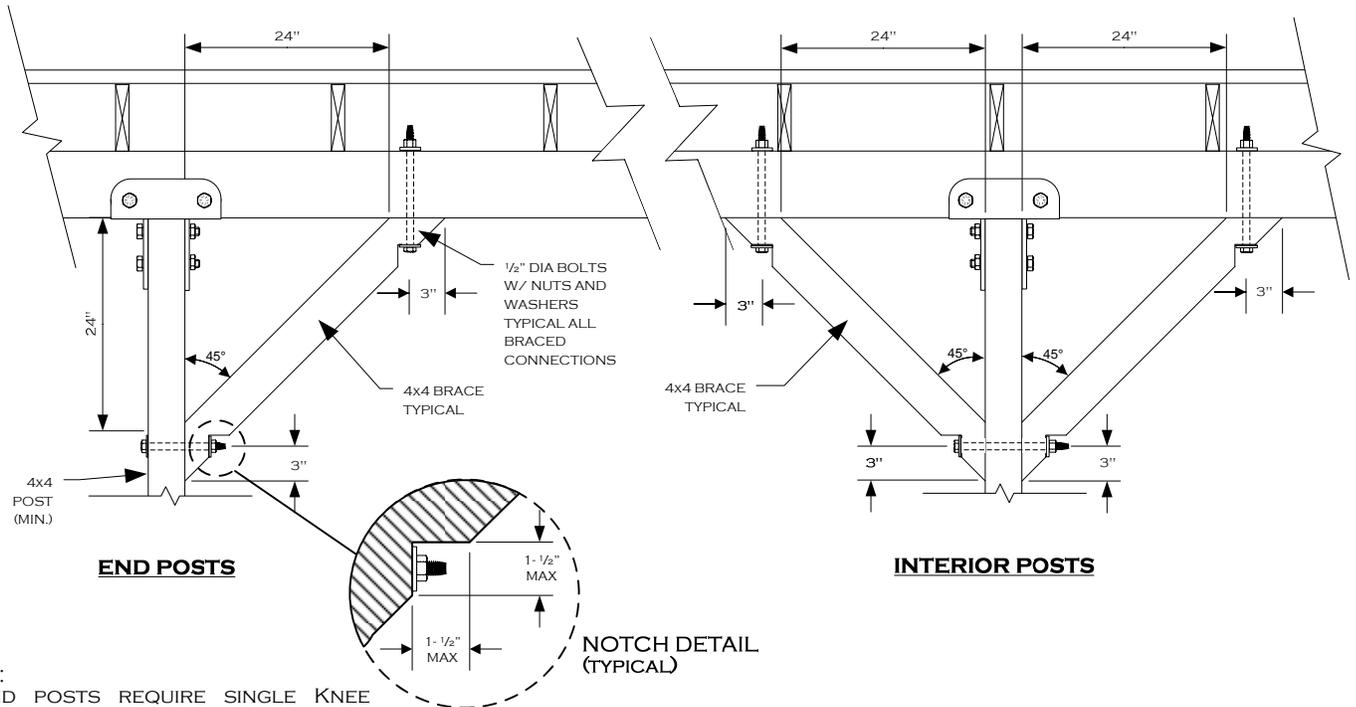
PERRIS CA, 92570

07/27/2006

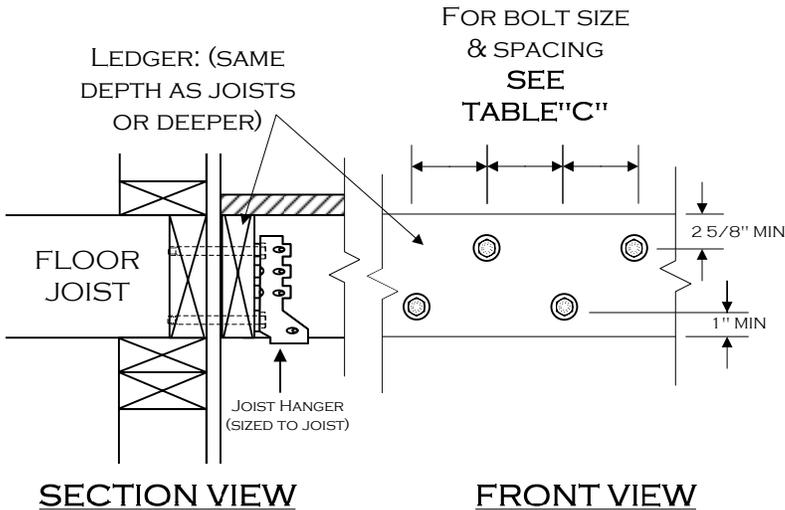
PERDECKFNLVSD

PAGE 1 OF 4

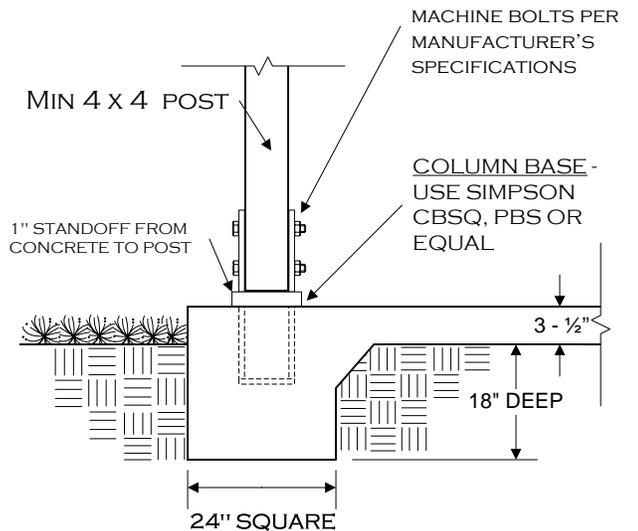
KNEE BRACE DETAIL (A)



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.

WESTERN RIVERSIDE COUNTY CODE UNIFORMITY PROGRAM



**CITY OF PERRIS
 BUILDING DEPARTMENT
 BALCONY/DECK STANDARD**

(951) 443-1029

135 N D ST.
 PERRIS CA, 92570

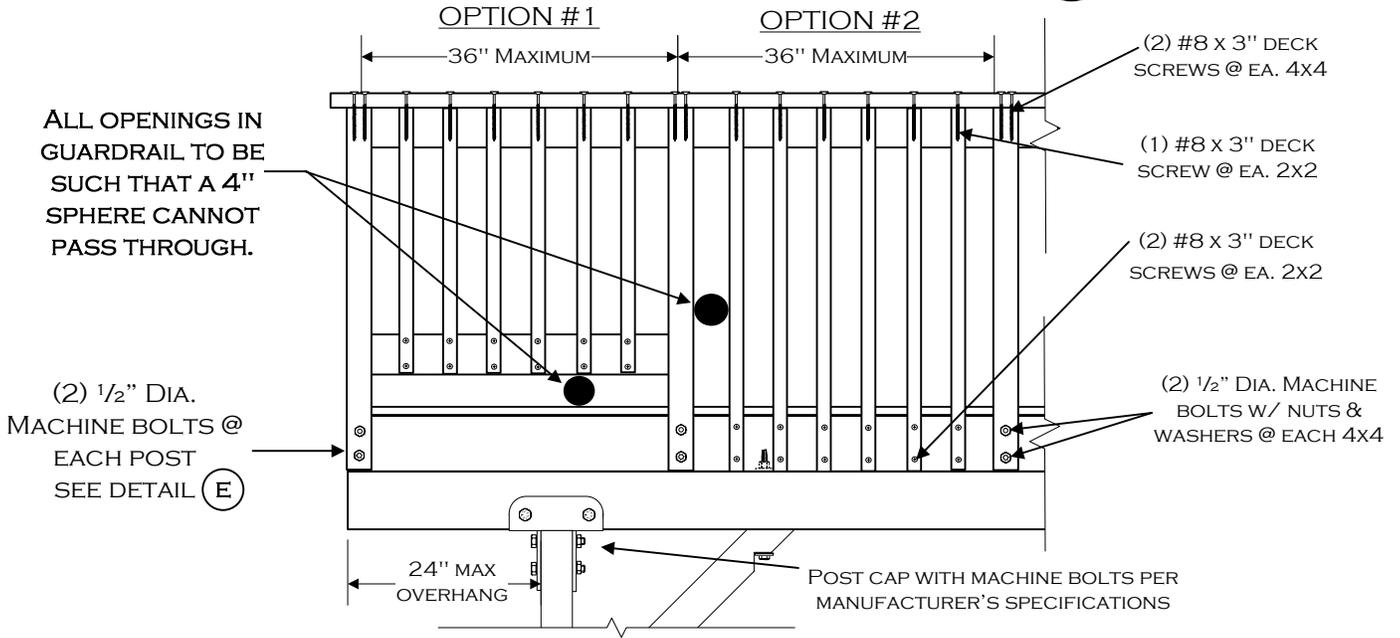
Fax (951) 657-9685

07/27/2006

PERDeckFNL.VSD

PAGE 2 OF 4

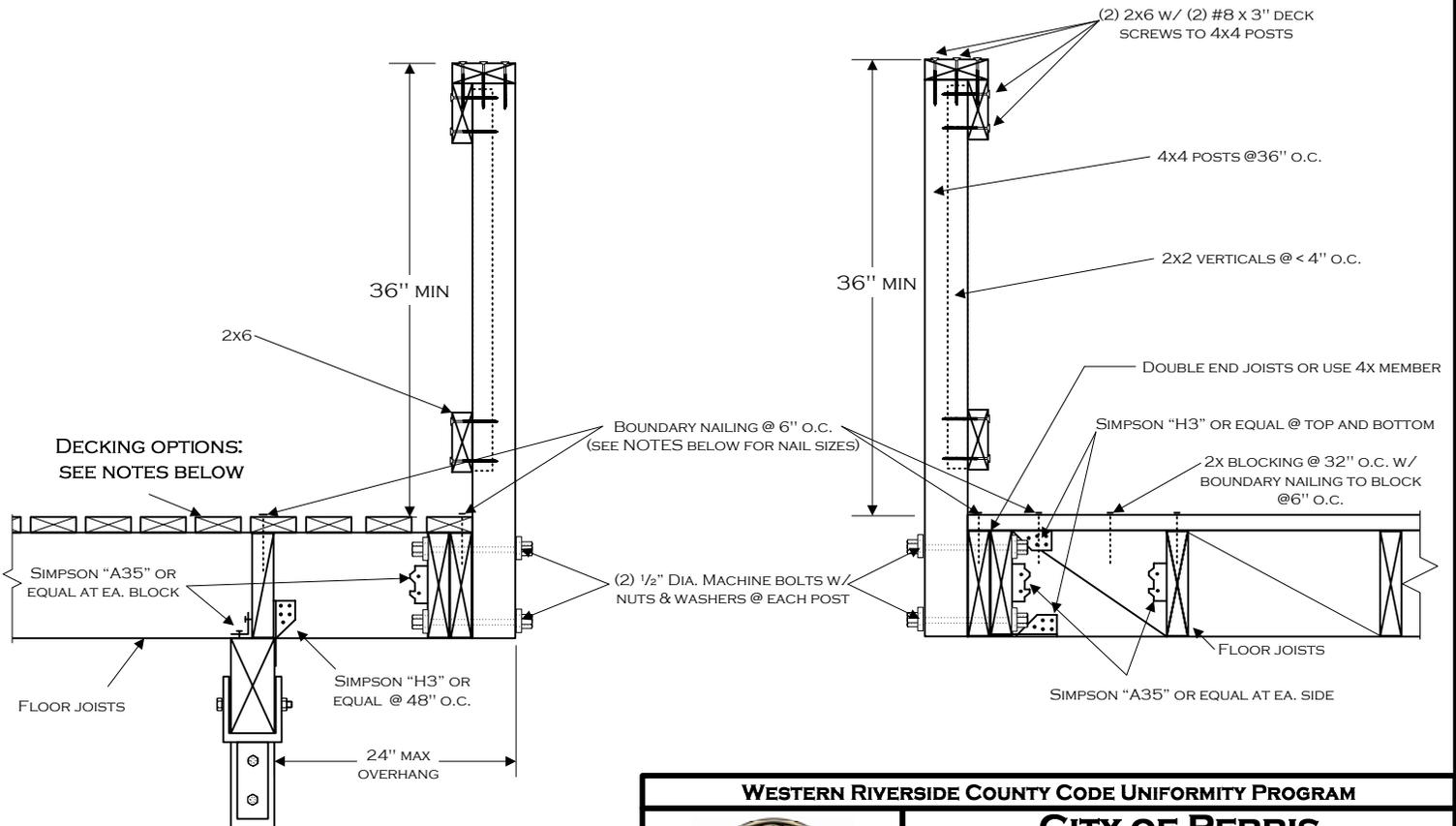
RAILING, POST, & BEAM DETAIL (D)



RAILING SECTION VIEWS (E)

GUARDRAIL PERPENDICULAR TO JOISTS

GUARDRAIL PARALLEL TO JOISTS



NOTE-DECKING OPTIONS ARE AS FOLLOWS:

1. 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.
2. 2X6" DECKING SECURED W/ (2) 16d NAILS @ EA. JOIST.

| | | | |
|---|--|---------------------------------|---------------|
| WESTERN RIVERSIDE COUNTY CODE UNIFORMITY PROGRAM | | | |
|  | | CITY OF PERRIS | |
| BUILDING DEPARTMENT | | | |
| BALCONY/DECK STANDARD | | | |
| (951) 443-1029 | | 135 N D ST. PERRIS CA, 92570 | |
| Fax (951) 657-9685 | | 07/27/2006 | PERDeckFNLVSD |
| | | PAGE 3 OF 4 | |

