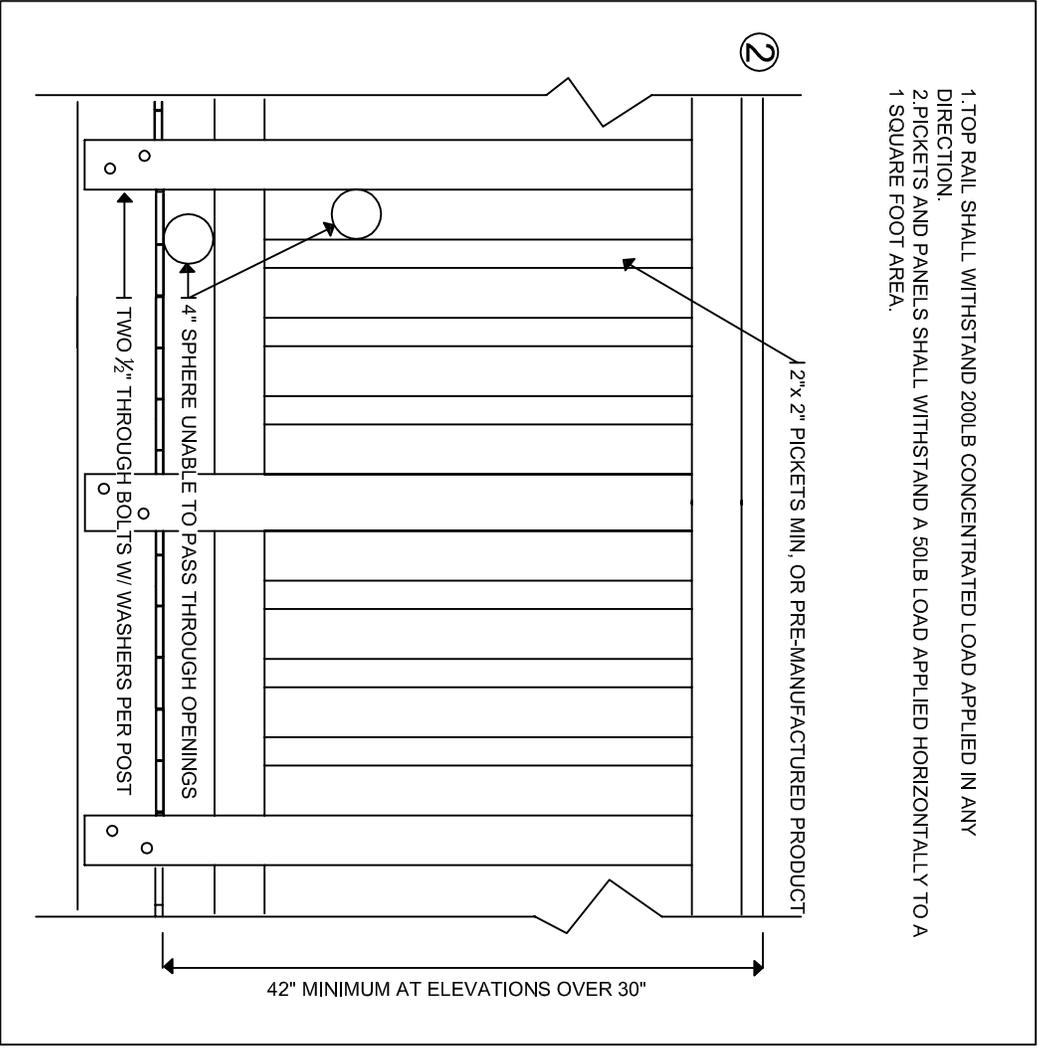
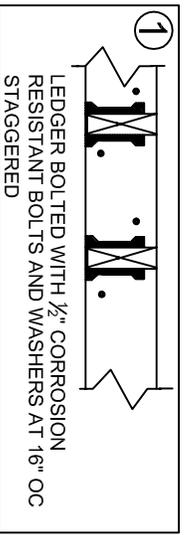
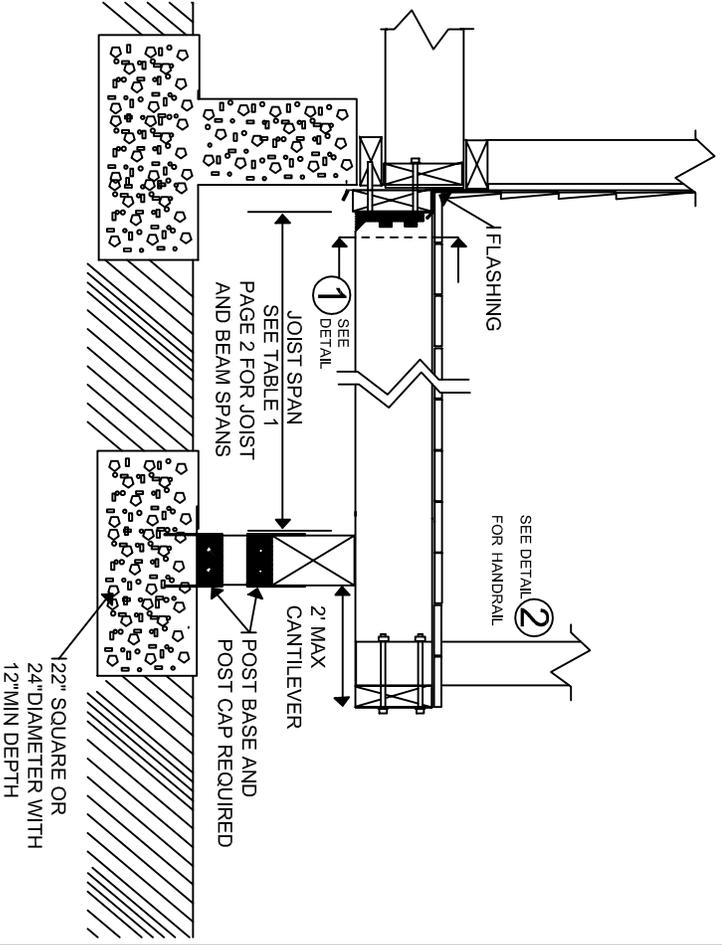


CITY OF AUBURN TYPICAL RESIDENTIAL DECK DETAIL

- 1. THESE TYPICAL DETAILS SHALL NOT BE USED FOR DECKS SUPPORTING HOT TUBS OR ROOFS, DECKS OVER 1 STORY OR DECKS DETACHED FROM THE HOUSE.
- 2. ALL FASTENERS AND NAILS SHALL BE CORROSION RESISTANT.
- 3. ALL LUMBER SHALL BE PRESERVATIVE TREATED OR RESISTANT TO DECAY.
- 4. CANTILEVER NOT TO EXCEED 1/4 OF JOIST SPAN WITH 2' MAX.



CITY OF AUBURN

DECK DETAILS AND NOTES

1. LEDGER ATTACHMENT TO CANTILEVERED FLOORS, BAY WINDOWS, CHIMNEYS OR BRICK VENEER NOT ALLOWED.
2. ONLY APPROVED JOIST HANGER NAILS CAN BE USED WITH JOIST HANGERS, NO SCREWS ALLOWED.
3. ALL BEAM SPLICES MUST BE OVER POSTS.
4. BEAMS MUST BE ATTACHED TO POSTS WITH MECHANICAL CONNECTION.
5. DOUBLE JOISTS WHEN UP TO 3 JOISTS ARE CUT.
6. LATERAL BRACING IS REQUIRED IF DECK IS 6' OR MORE ABOVE GRADE.

TABLE 1

MAXIMUM JOIST SPAN TABLE

TREATED DF #2

| JOIST | 12" OC | 16" OC | 24" OC |
|-------|--------|---------|--------|
| 2X6 | 10'-4" | 9'-9" | 8'-1" |
| 2X8 | 14'-2" | 12'-7" | 10'-3" |
| 2X10 | 17'-9" | 15'-5" | 12'-7" |
| 2X12 | 27'-0" | 17'-10" | 14'-7" |

- USING THE MAX JOIST SPAN CHART**
1. DETERMINE JOIST SIZE.
 2. DETERMINE JOIST SPACING.
 3. FOLLOW JOIST SIZE AND JOIST SPACING UNTIL THEY INTERSECT. THIS IS THE MAXIMUM SPAN FOR THE JOIST.

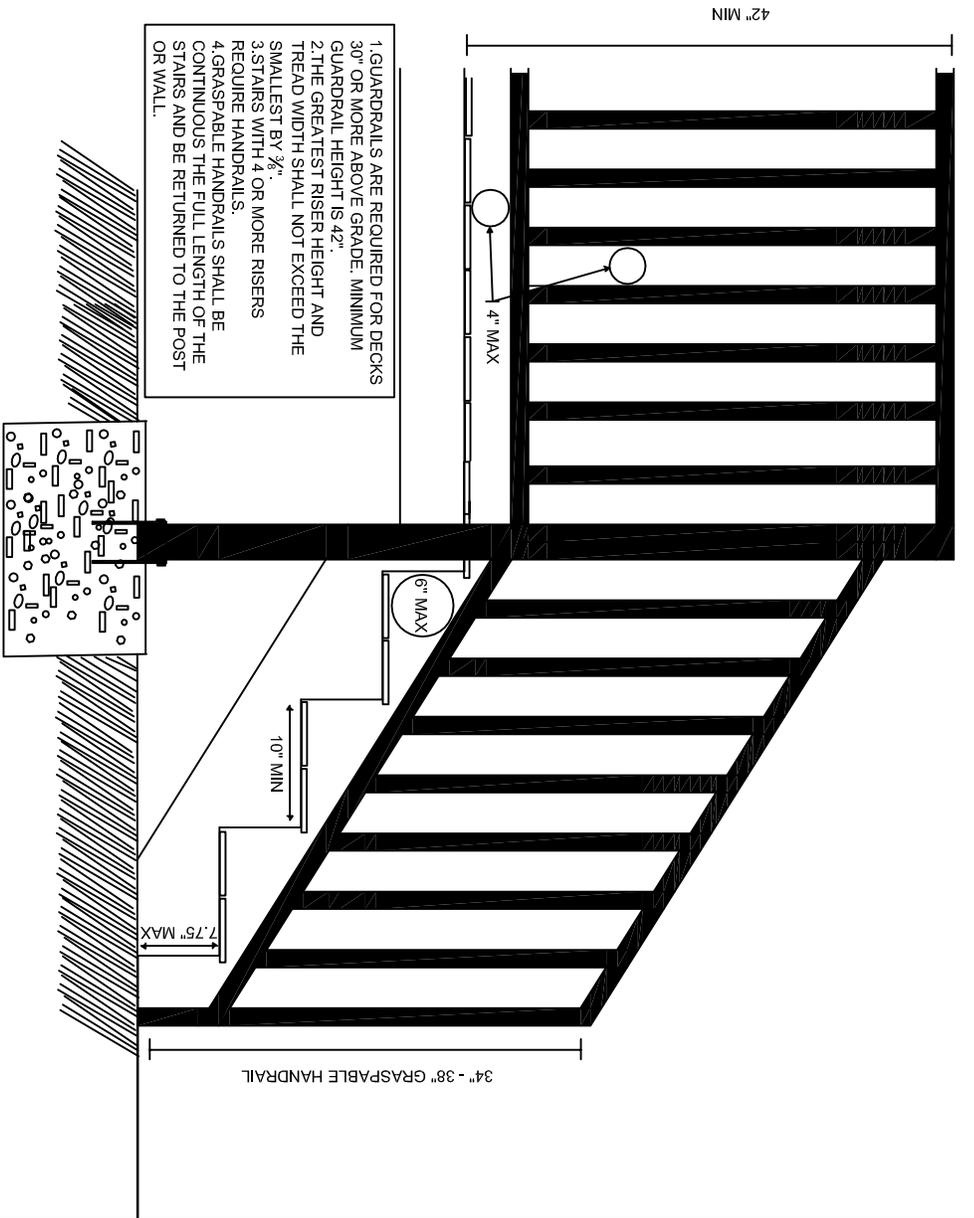
TABLE 2

MAXIMUM DECK BEAM SPAN TABLE

TREATED DF #2

| BEAM SIZE | 6' | 9' | 12' | 14' |
|-----------|--------|--------|--------|-------|
| 4X6" | 6'-6" | 5'-6" | 5'-0" | 4'-9" |
| 4X8" | 8'-3" | 7'-3" | 6'-6" | 6'-3" |
| 4X10" | 10'-9" | 9'-3" | 8'-6" | 8'-0" |
| 4X12" | 13'-0" | 11'-3" | 10'-3" | 9'-6" |

- USING THE MAX DECK BEAM SPAN TABLE**
1. DETERMINE MAXIMUM JOIST SPAN FROM TABLE 1.
 2. DETERMINE BEAM SIZE.
 3. FOLLOW THE JOIST SPAN AND BEAM SIZE UNTIL THEY INTERSECT. THIS IS THE MAXIMUM SPACING YOU CAN HAVE BETWEEN BEAM SUPPORTS.



1. GUARDRAILS ARE REQUIRED FOR DECKS 30" OR MORE ABOVE GRADE. MINIMUM GUARDRAIL HEIGHT IS 42".
2. THE GREATEST RISER HEIGHT AND TREAD WIDTH SHALL NOT EXCEED THE SMALLEST BY $\frac{3}{4}$ ".
3. STAIRS WITH 4 OR MORE RISERS REQUIRE HANDRAILS.
4. GRASPABLE HANDRAILS SHALL BE CONTINUOUS THE FULL LENGTH OF THE STAIRS AND BE RETURNED TO THE POST OR WALL.

CITY OF AUBURN

1. THIS SET OF PLANS MUST BE KEPT ON THE JOB SITE AT ALL TIMES FOR INSPECTIONS. IT IS UNLAWFUL TO DEVIATE FROM OR MAKE ANY CHANGES OR ALTERATIONS TO THESE PLANS WITHOUT WRITTEN PERMISSION FROM THE BUILDING DEPARTMENT. THE ISSUING OF THIS PLAN SHALL NOT BE HELD TO PERMIT OR BE AN APPROVAL OF THE VIOLATION OF ANY CITY ORDINANCE OR STATE LAW.
2. ALL WORK SHALL COMPLY WITH THE CALIFORNIA BUILDING CODE.
3. APPROVED PLANS ARE SUBJECT TO FIELD INSPECTION.
4. ANY REVISION TO THIS DETAIL MAY REQUIRE A SEPARATE PERMIT AND FEES.

OWNER NAME _____

ADDRESS _____

PROVIDE SITE PLAN- INDICATE FOOTING LOCATIONS- PROVIDE JOIST, BEAM, POST SIZE AND SPACING- INDICATE FRONT, REAR OR SIDE YARD SETBACKS AS APPLICABLE.
ALL OTHER DETAILS ARE REQUIRED TO BE PER HANDOUT.

SQUARE FOOTAGE _____