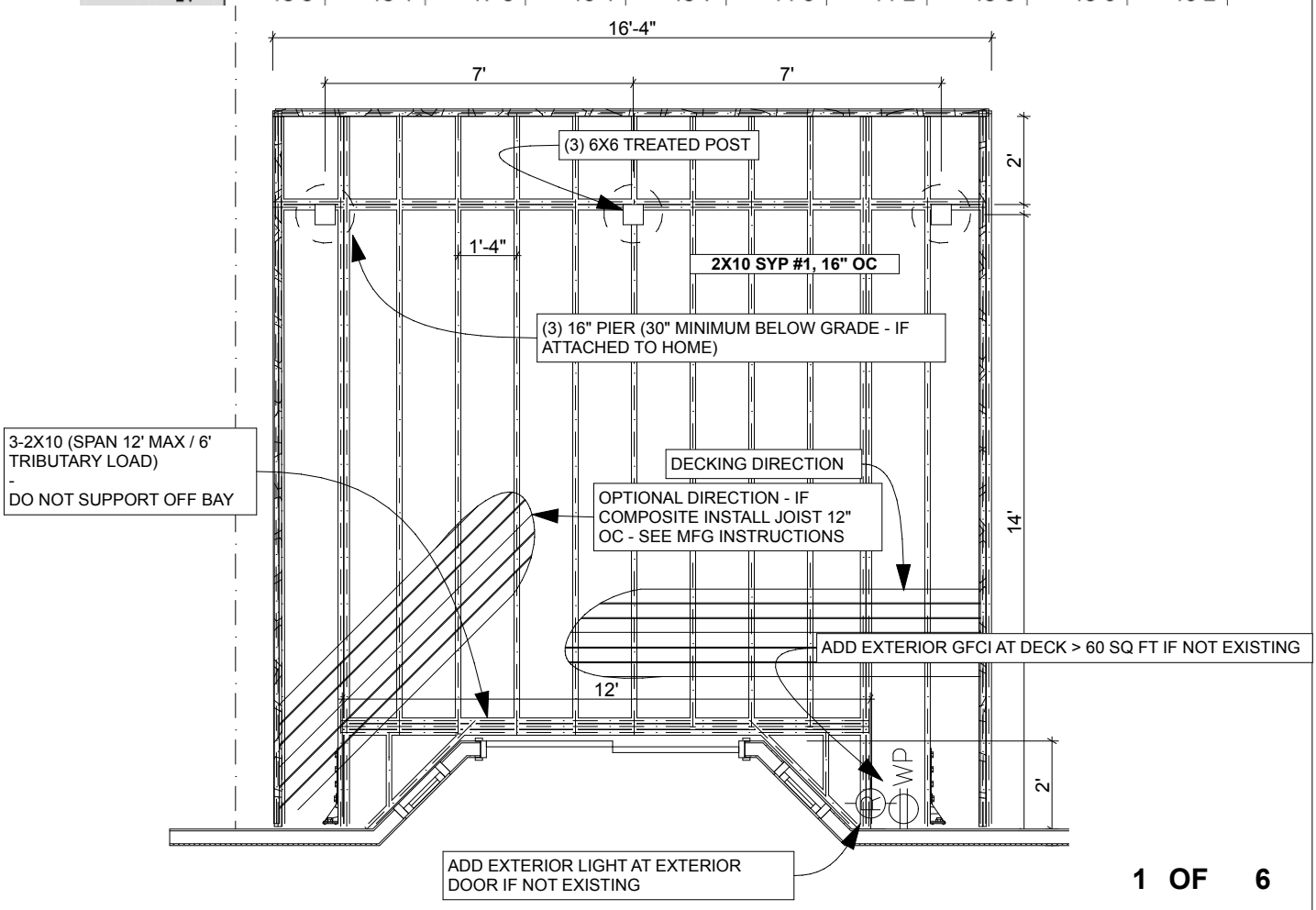
Size	Spacing In. o.c.	Dense Select Structural	Select Structural	NonDense Select Structural	No.1 Dense	No.1	No.1 NonDense	No.2 Dense	No.2	No.2 NonDense	No.3
2x4	12	7-3	7-1	6-10	7-1	6-10	6-6	6-10	6-8	6-4	5-6
	16	6-7	6-5	6-2	6-5	6-2	5-11	6-2	6-1	5-9	4-9
	24	5-9	5-8	5-5	5-8	5-5	5-2	5-4	5-1	5-0	3-11
2x6	12	11-4	11-2	10-9	11-2	10-9	10-3	10-9	10-6	10-0	8-2
	16	10-4	10-2	9-9	10-2	9-9	9-4	9-7	9-4	8-10	7-1
	24	9-0	8-10	8-6	8-10	8-6	8-2	7-10	7-7	7-3	5-9
2x8	12	15-0	14-8	14-2	14-8	14-2	13-6	14-2	13-8	13-1	10-3
	16	13-7	13-4	12-10	13-4	12-10	12-3	12-4	11-10	11-4	8-11
	24	11-11	11-8	11-3	11-5	11-0	10-6	10-0	9-8	9-3	7-3
2x10	12	19-1	18-9	18-0	18-9	18-0	17-3	16-8	16-2	15-5	12-2
	16	17-4	17-0	16-5	16-10	16-1	15-3	14-6	14-0	13-4	10-6
	24	15-2	14-11	14-4	13-9	13-1	12-6	11-10	11-5	10-11	8-7
2x12	12	23-3	22-10	21-11	22-10	21-11	20-11	20-0	19-1	18-5	14-4
	16	21-1	20-9	19-11	20-0	19-1	18-1	17-4	16-6	16-0	12-5
	24	18-5	18-1	17-5	16-4	15-7	14-9	14-2	13-6	13-0	10-2



Company name
Street
City
State/Country
Postal Code

Drawn by Date
EXAMPLE ONLY NOT FOR CONSTRUCTION

Checked by Date
DECK EXAMPLE # 2

Drawing Name
FLOOR PLAN

Drawing Status
DECK EXAMPLE

Project
#Architect Address1
#Architect City
#Architect Country
#Architect Postcode

Drawing Scale
1/4" = 1'-0"

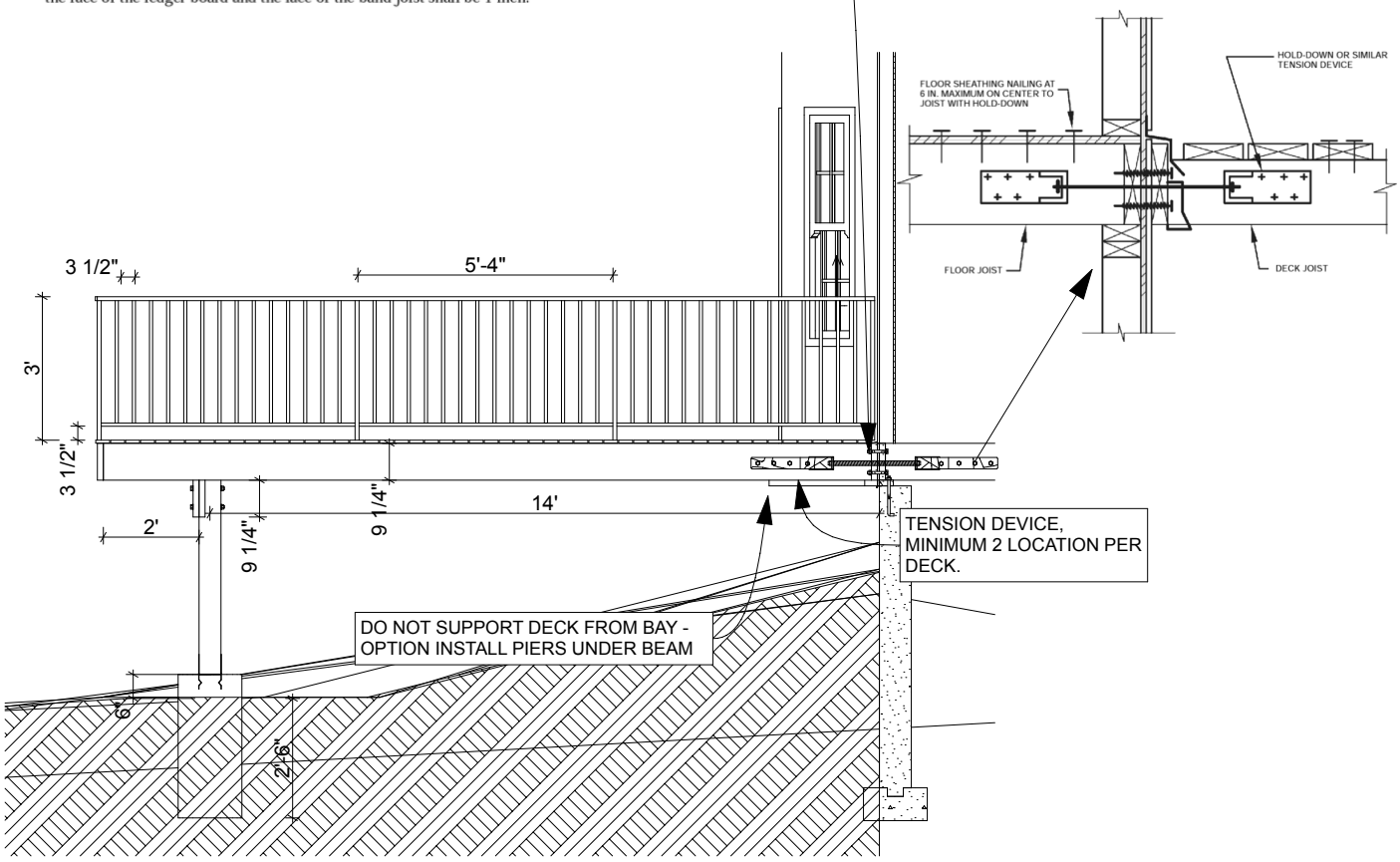
Layout ID Status Revision
A.01.1

TABLE R502.2.2.1
FASTENER SPACING FOR A SOUTHERN PINE OR HEM-FIR DECK LEDGER AND A 2-INCH NOMINAL SOLID-SAWN SPRUCE-PINE-FIR BAND JOIST[c, f, g]
(Deck live load = 40 psf, deck dead load = 10 psf)

JOIST SPAN	6′ and less	6′1″ to 8′	8′1″ to 10′	10′1″ to 12′	12′1″ to 14′	14′1″ to 16′	16′1″ to 18′
Connection details	On-center spacing of fasteners[d, e]						
1/2 inch diameter lag screw with 15/32 inch maximum sheathing[a]	30	23	18	15	13	11	10
1/2 inch diameter bolt with 15/32 inch maximum sheathing	36	36	34	29	24	21	19
1/2 inch diameter bolt with 15/32 inch maximum sheathing and 1/2 inch stacked washers[b, h]	36	36	29	24	21	18	16

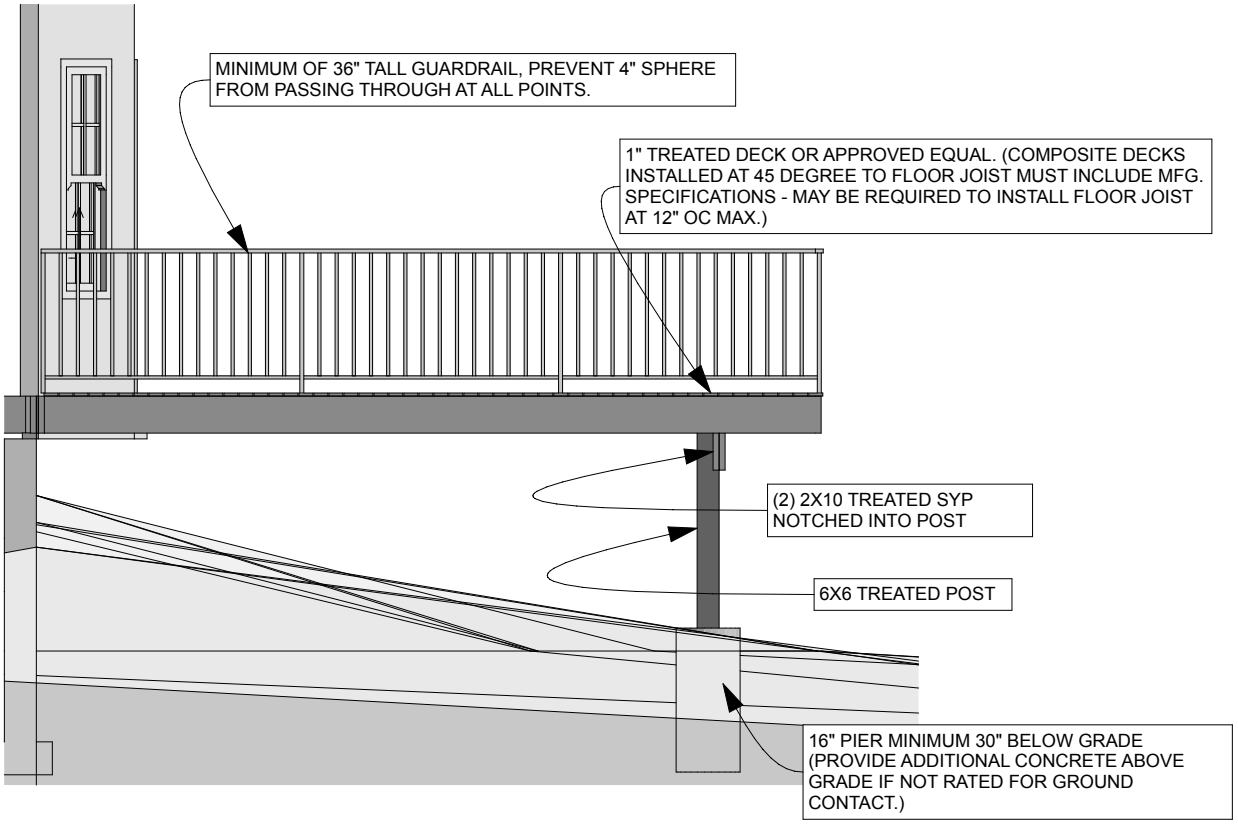
For SI: 1 inch = 25.4 mm, 1 foot = 304.8 mm. 1 pound per square foot = 0.0479kPa.

a. The tip of the lag screw shall fully extend beyond the inside face of the band joist.
b. The maximum gap between the face of the ledger board and face of the wall sheathing shall be 1/2″.
c. Ledgers shall be flashed to prevent water from contacting the house band joist.
d. Lag screws and bolts shall be staggered in accordance with Section R502.2.2.1.1.
e. Deck ledger shall be minimum 2×8 pressure-preservative-treated No.2 grade lumber, or other approved materials as established by standard engineering practice.
f. When solid-sawn pressure-preservative-treated deck ledgers are attached to a minimum 1 inch thick engineered wood product (structural composite lumber, laminated veneer lumber or wood structural panel band joist), the ledger attachment shall be designed in accordance with accepted engineering practice.
g. A minimum 1 × 9 1/2 Douglas Fir laminated veneer lumber rimboard shall be permitted in lieu of the 2-inch nominal band joist.
h. Wood structural panel sheathing, gypsum board sheathing or foam sheathing not exceeding 1 inch in thickness shall be permitted. The maximum distance between the face of the ledger board and the face of the band joist shall be 1 inch.



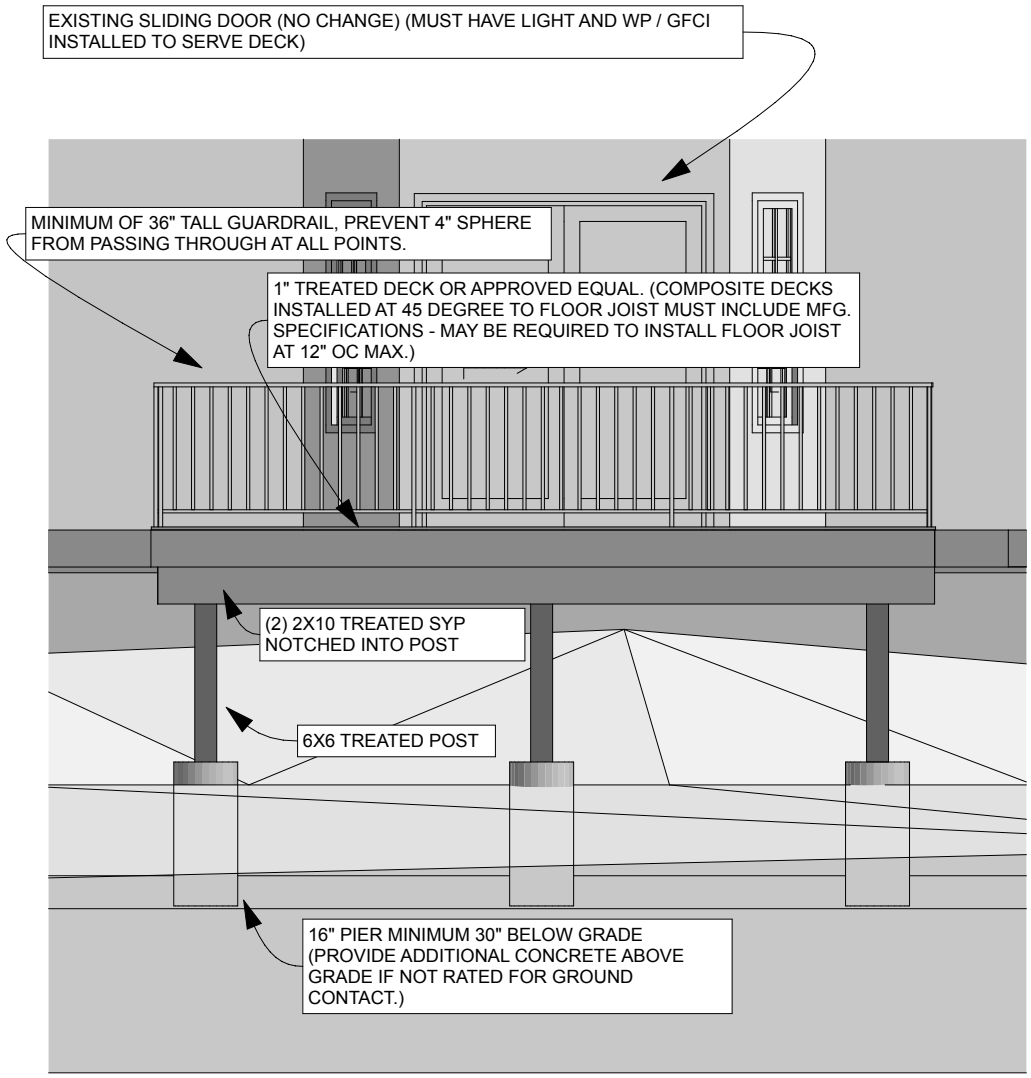
S-01 Building Section 1/4" = 1'-0"

Company name Street City State/Country Postal Code	Drawn by Date **EXAMPLE ONLY NOT FOR CONSTRUCTION** Checked by Date **DECK EXAMPLE # 2**	Drawing Name **Building Section** Drawing Status **DECK EXAMPLE**
Project #Architect Address1 #Architect City #Architect Country #Architect Postcode		Drawing Scale **1/4" = 1'-0"** Layout ID Status Revision **A.03.1**



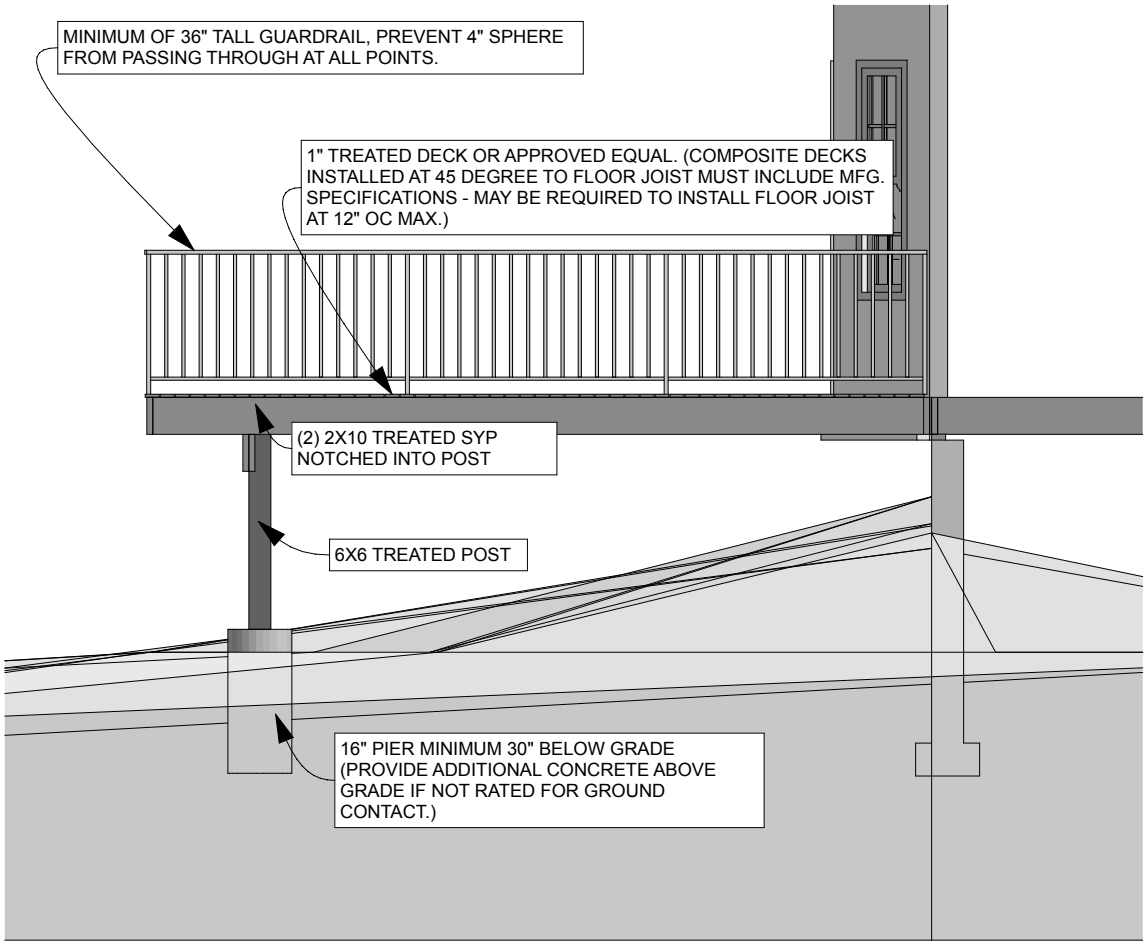
East Elevation 1/4" = 1'-0"

Company name Street City State/Country Postal Code	Drawn by Date **EXAMPLE ONLY NOT FOR CONSTRUCTION** Checked by Date **DECK EXAMPLE # 2**	Drawing Name **East Elevation** Drawing Status **DECK EXAMPLE**
Project #Architect Address1 #Architect City #Architect Country #Architect Postcode		Drawing Scale **1/4" = 1'-0"** Layout ID Status Revision **A.04.1**



North Elevation 1/4" = 1'-0"

Company name Street City State/Country Postal Code	Drawn by Date **EXAMPLE ONLY NOT FOR CONSTRUCTION** Checked by Date **DECK EXAMPLE # 2**	Drawing Name **North Elevation** Drawing Status **DECK EXAMPLE**
Project #Architect Address1 #Architect City #Architect Country #Architect Postcode		Drawing Scale **1/4" = 1'-0"** Layout ID Status Revision **A.04.2**



West Elevation 1/4" = 1'-0"

Company name Street City State/Country Postal Code	Drawn by Date **EXAMPLE ONLY NOT FOR CONSTRUCTION** Checked by Date **DECK EXAMPLE # 2**	Drawing Name **West Elevation** Drawing Status **DECK EXAMPLE**
Project #Architect Address1 #Architect City #Architect Country #Architect Postcode		Drawing Scale **1/4" = 1'-0"** Layout ID Status Revision **A.04.3**

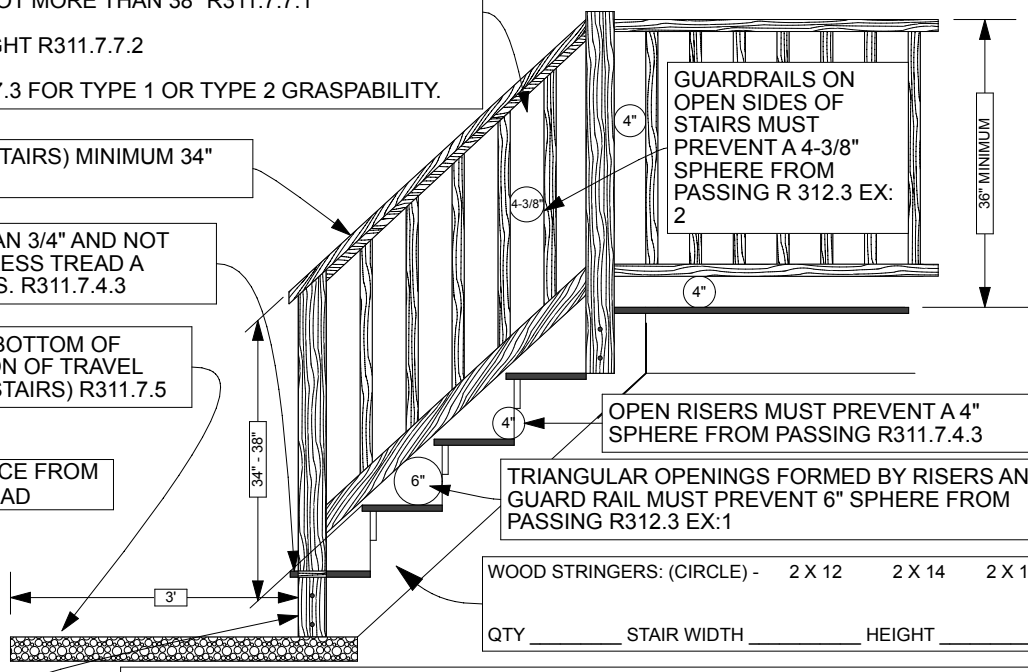
HANDRAIL REQUIRED ON 1 SIDE OF STAIRS WITH MORE THAN 4 RISERS. R311.7.7
-
NOT LESS THAN 34", NOT MORE THAN 38" R311.7.7.1
-
CONTINUITY FULL FLIGHT R311.7.7.2
-
GRIP SIZE : SEE 311.7.7.3 FOR TYPE 1 OR TYPE 2 GRASPABILITY.

GUARDRAIL HEIGHT (STAIRS) MINIMUM 34" R312.2 EX:1

NOSING NOT LESS THAN 3/4" AND NOT MORE THAN 1-1/4" UNLESS TREAD A MINIMUM OF 11 INCHES. R311.7.4.3

LANDING AT TOP AND BOTTOM OF STAIRS (3' IN DIRECTION OF TRAVEL AND SAME WIDTH AS STAIRS) R311.7.5

6'8" HEAD CLEARANCE FROM NOSE OF TREAD



GUARDRAILS ON OPEN SIDES OF STAIRS MUST PREVENT A 4-3/8" SPHERE FROM PASSING R 312.3 EX: 2

OPEN RISERS MUST PREVENT A 4" SPHERE FROM PASSING R311.7.4.3

TRIANGULAR OPENINGS FORMED BY RISERS AND GUARD RAIL MUST PREVENT 6" SPHERE FROM PASSING R312.3 EX:1

WOOD STRINGERS: (CIRCLE) - 2 X 12 2 X 14 2 X 16

QTY _____ STAIR WIDTH _____ HEIGHT _____

MAXIMUM RISER HEIGHT OF 8-1/4" AND MINIMUM TREAD DEPTH OF 9" R311.7.4(AMENDED)
TALLEST RISER HEIGHT - LOWEST RISER HEIGHT = NOT MORE THAN 3/8" R311.7.4.1
LONGEST TREAD DEPTH - SHORTEST TREAD DEPTH = NOT MORE THAN 3/8" R311.7.4.2

W-01 Code Requirements 1/2" = 1'-0"