

**From:** [Jerry Kaltenbach](#)  
**To:** [Jane Peuser](#)  
**Subject:** Re: Survey at 64 S Riverview  
**Date:** Monday, February 27, 2023 1:24:31 PM  
**Attachments:** [image001.png](#)  
[image002.png](#)  
[Spiral stair spec sheet.pdf](#)  
[CableRail ProductData.pdf](#)

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Jane - I hope I can answer your remaining questions with this email. Please let me know whether or not this completes the requirements in order to move forward with the ARB review process.

I have enclosed the PDF spec sheet for the spiral staircase. The treads and railing are steel and will be painted black.

Decking material is pressure treated pine which measures 1' thick X 5.5' wide. "Pressure treated" is a process that uses high pressure to inject a preservative into the wood which extends the longevity of the wood when exposed to weather. The decking will also be sealed with a clear sealer to help protect against the elements.

Trim material for the deck and guardrails are rough cedar. Rough cedar is a natural cedar board that has a rough texture finish which is most desirable in applications like these as it gives a more natural look to the product instead of a smooth, sanded finish. The finish on this will also be clear sealant to maintain the natural cedar tone.

We have added a ground level deck in order to allow for access to the below grade storage space of the home. This was not there previously and the footprint is smaller than the 2 replacement decks.

The spiral staircase will allow access from the middle level deck and ground level deck. It will land on a 4'x4' deck that will be extended from the ground level deck. This setback will not exceed those marked on the plot plan for the spiral staircase.

Please let me know if you have any further requests before the Wednesday deadline.

Thank you  
Jerry Kaltenbach

On Mon, Feb 27, 2023 at 8:50 AM Jane Peuser <[jpeuser@dublin.oh.us](mailto:jpeuser@dublin.oh.us)> wrote:

Hi Norm,

Following up on my email on Friday, you can pull the material specification sheets from manufacturer websites in PDF format.

PRODUCT DATA SHEET  
CableRail Wire Rope and Fittings

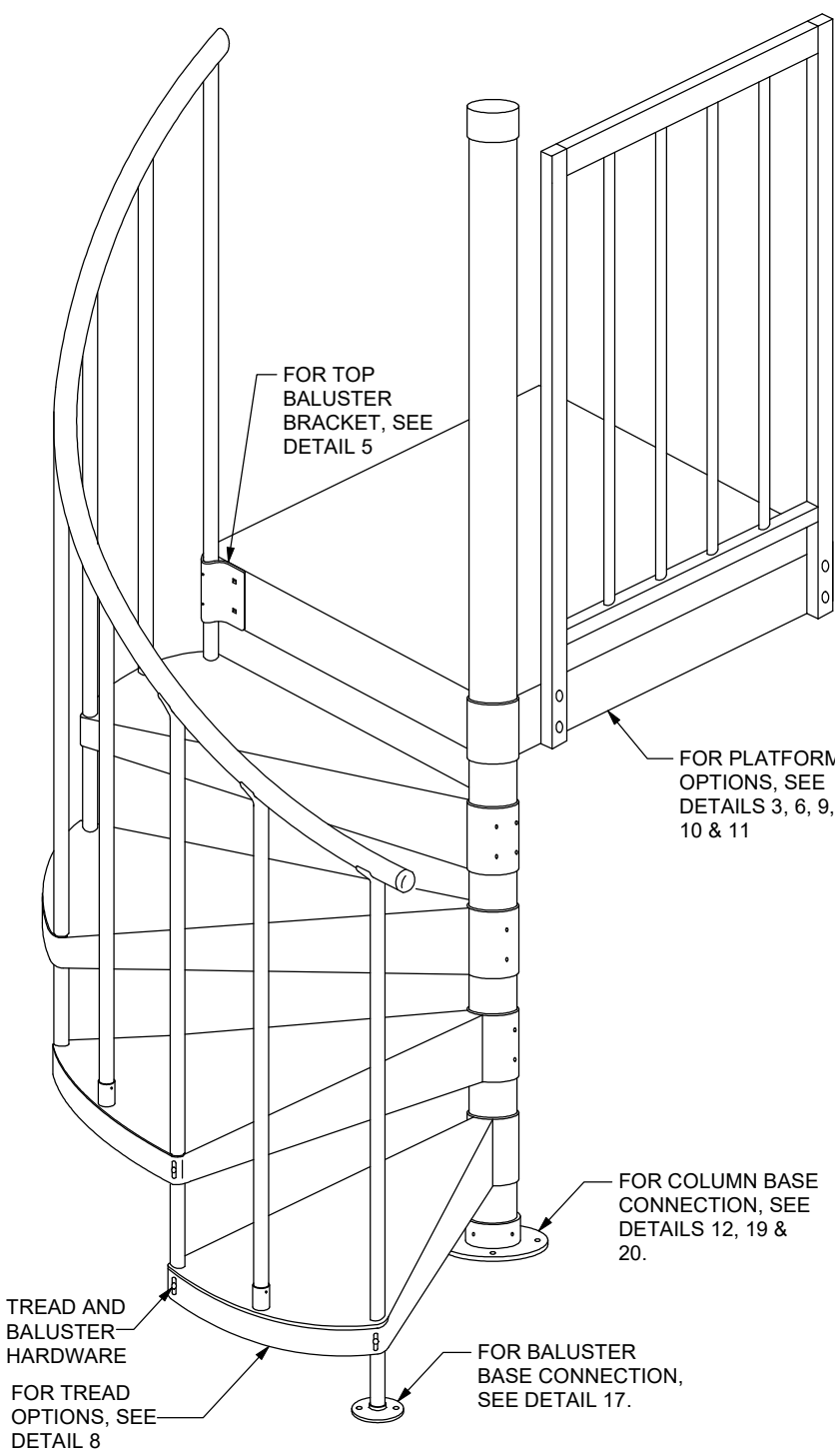


### Wire Rope

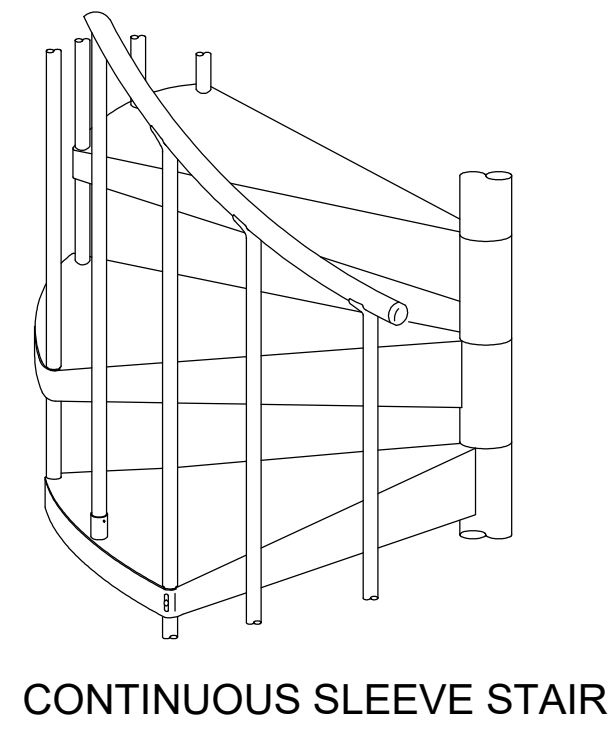
Feeney CableRail wire rope, fittings and other components are manufactured from type 316 stainless steel, for excellent corrosion resistance.

Component	Alloy	Referenced Standard
Wire Rope	Type 316 Stainless Steel	AISI Type 316 ASTM A492
Threaded Terminal Fittings	Type 316 Stainless Steel	ASTM A276
Quick-Connect Fittings		
Beveled Washers		
Nut Washers		
Decorative Caps		

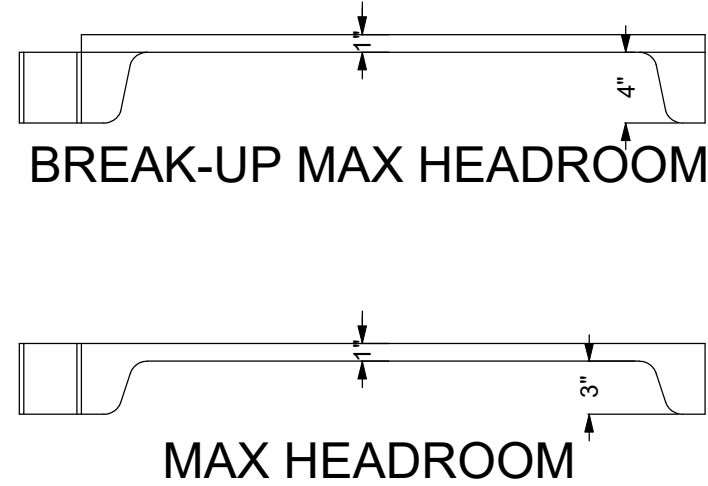




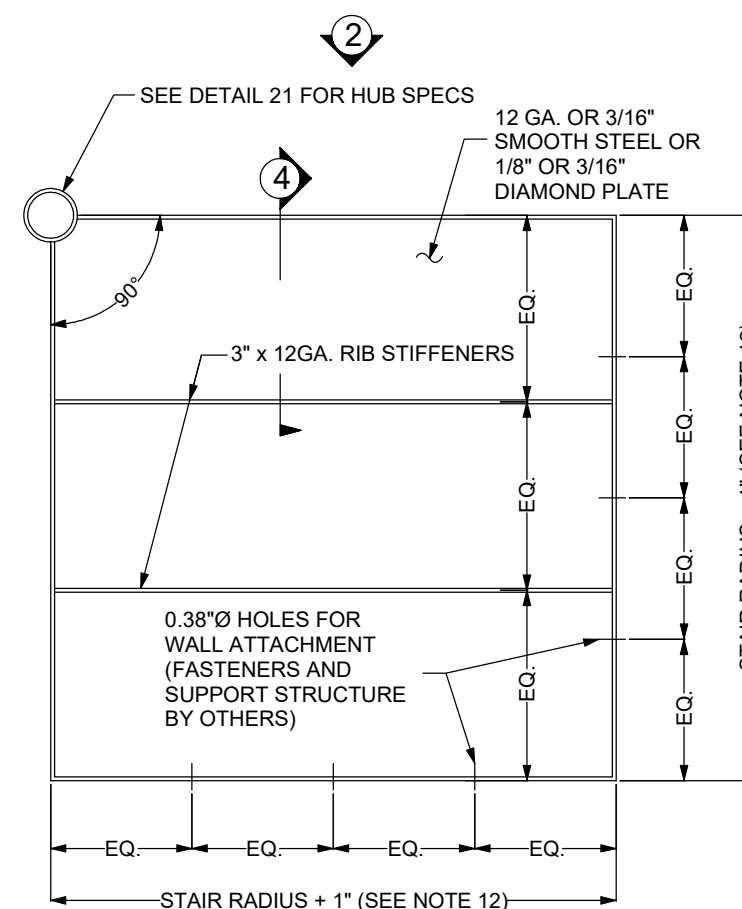
ADJUSTABLE SLEEVE STAIR



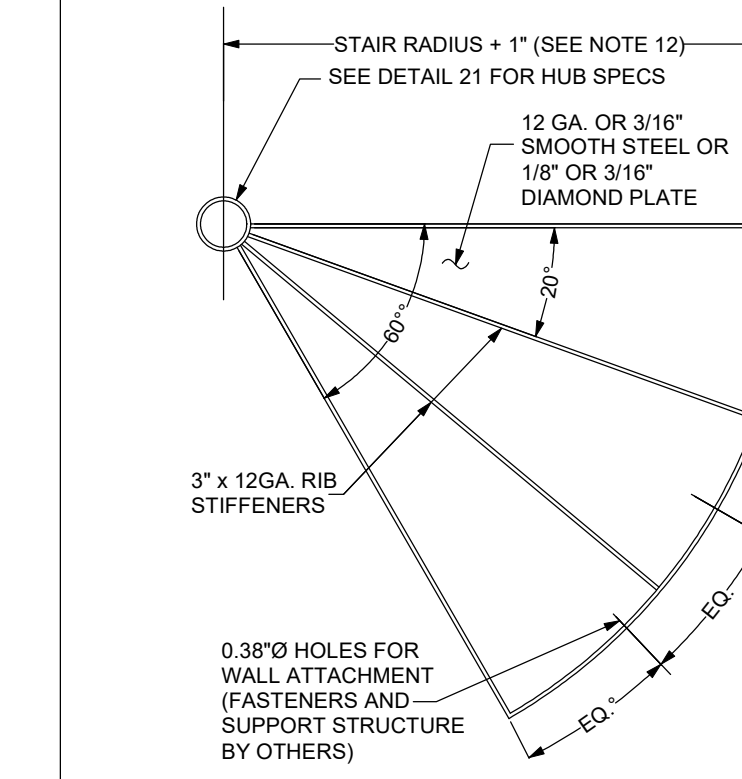
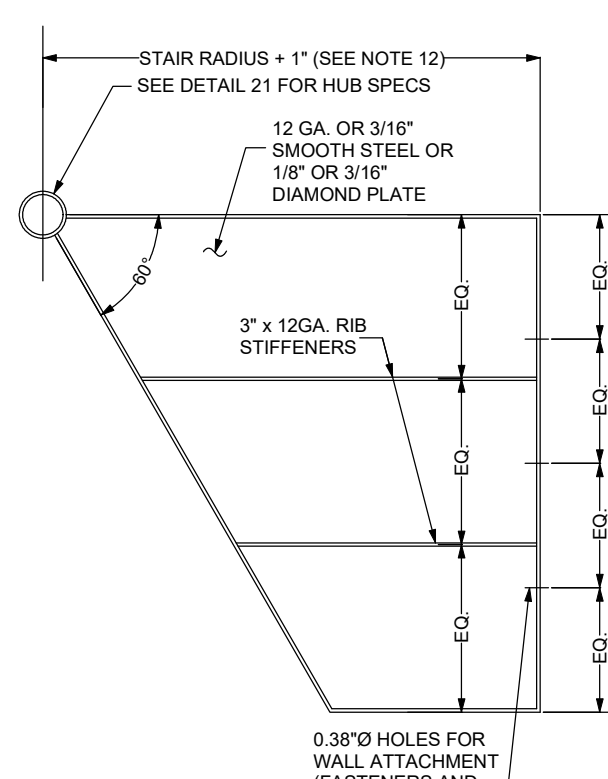
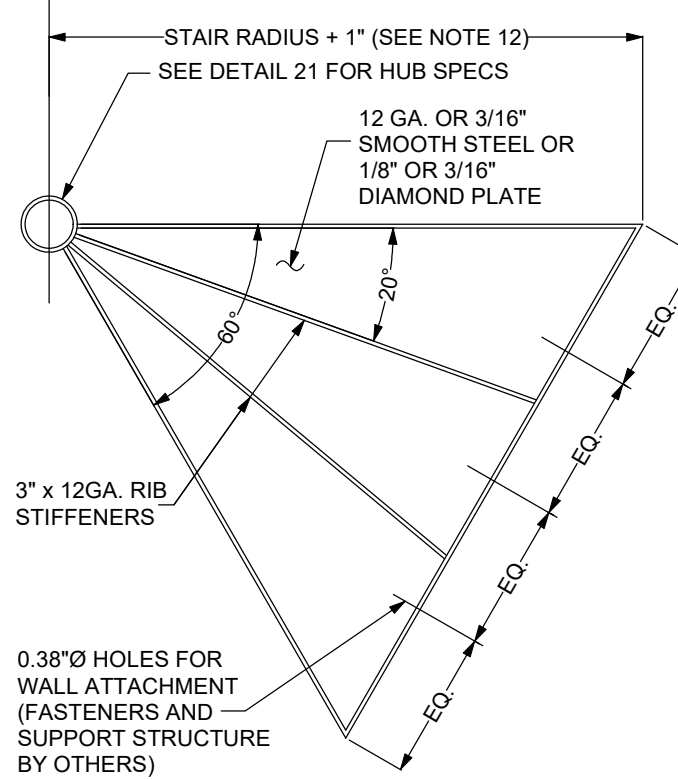
CONTINUOUS SLEEVE STAIR



2 PLATFORM ELEVATION



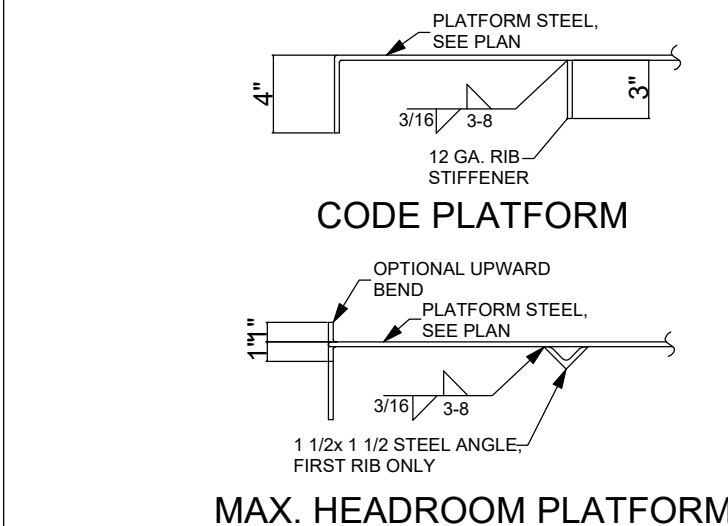
3 90° PLATFORM PLAN



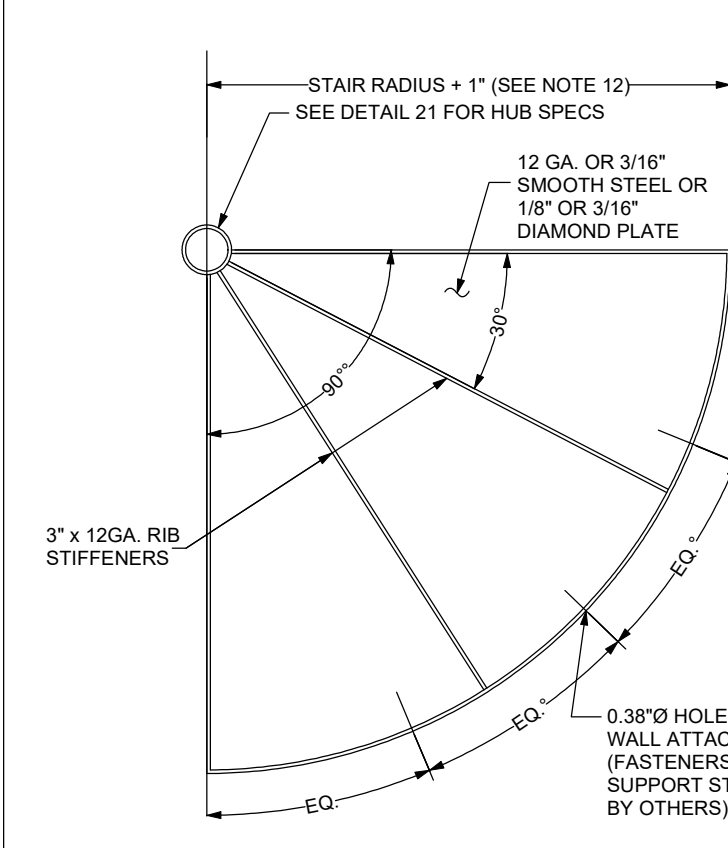
9 60° "TRIANGULAR" PLATFORM PLAN

10 60° PLATFORM PLAN

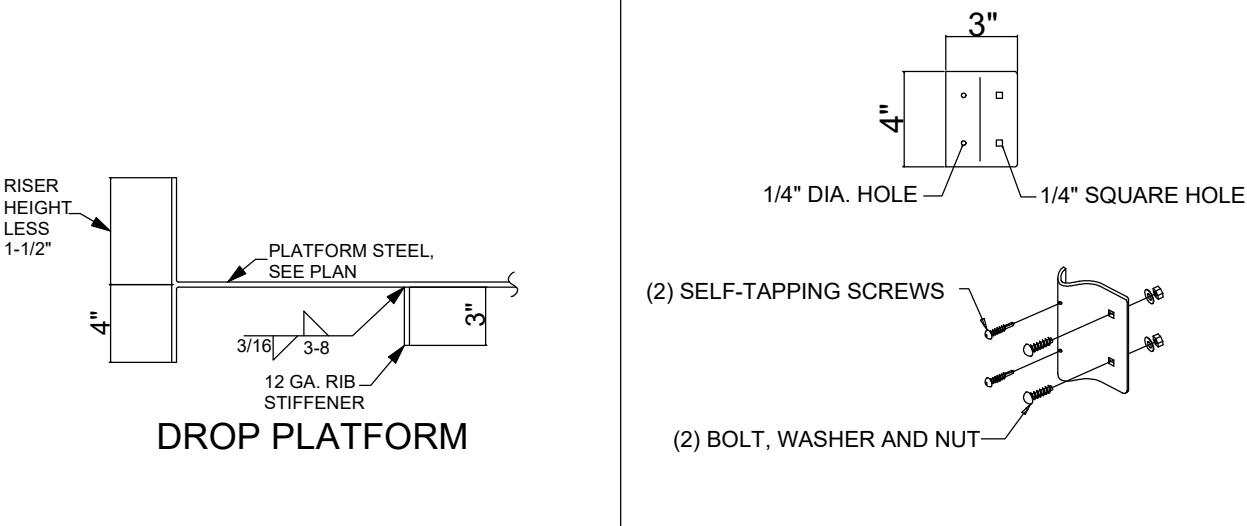
11 60° "CURVED" PLATFORM PLAN



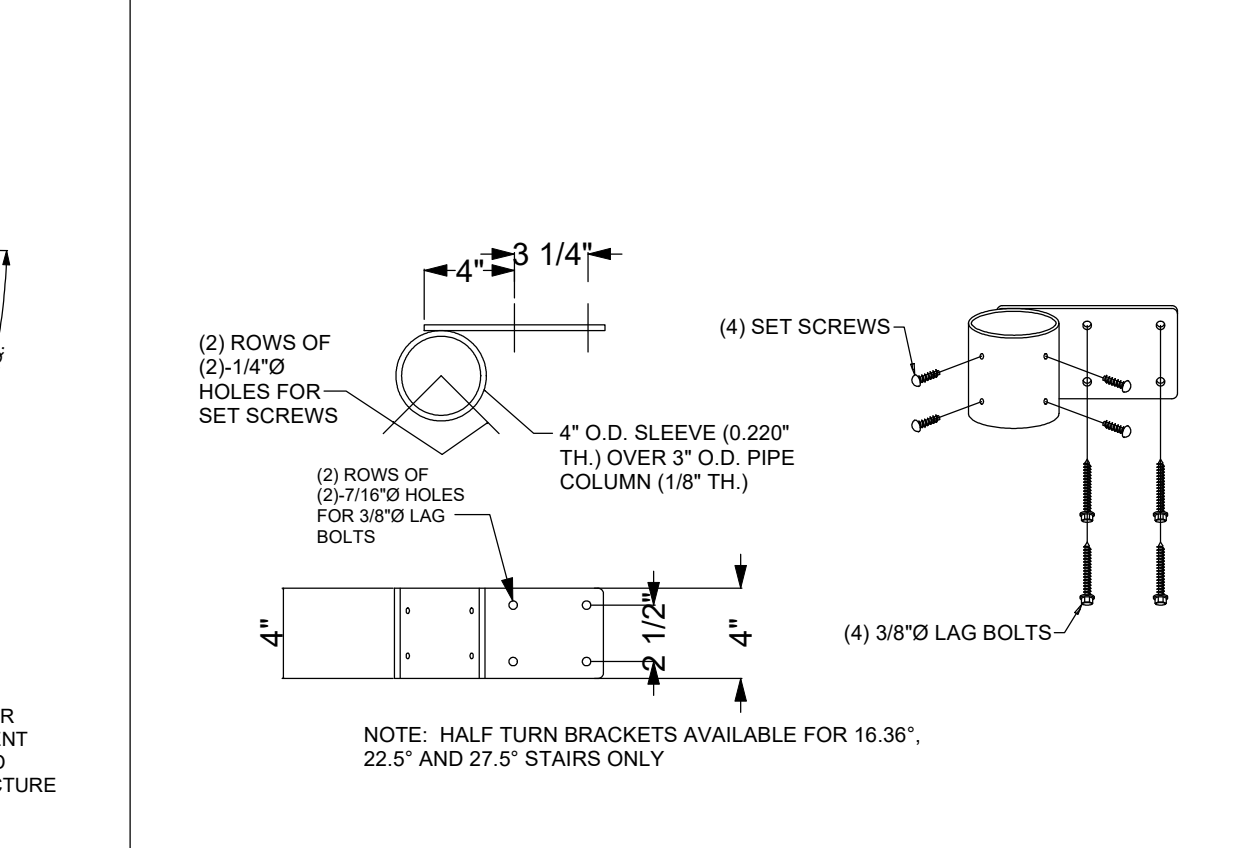
4 PLATFORM SECTION



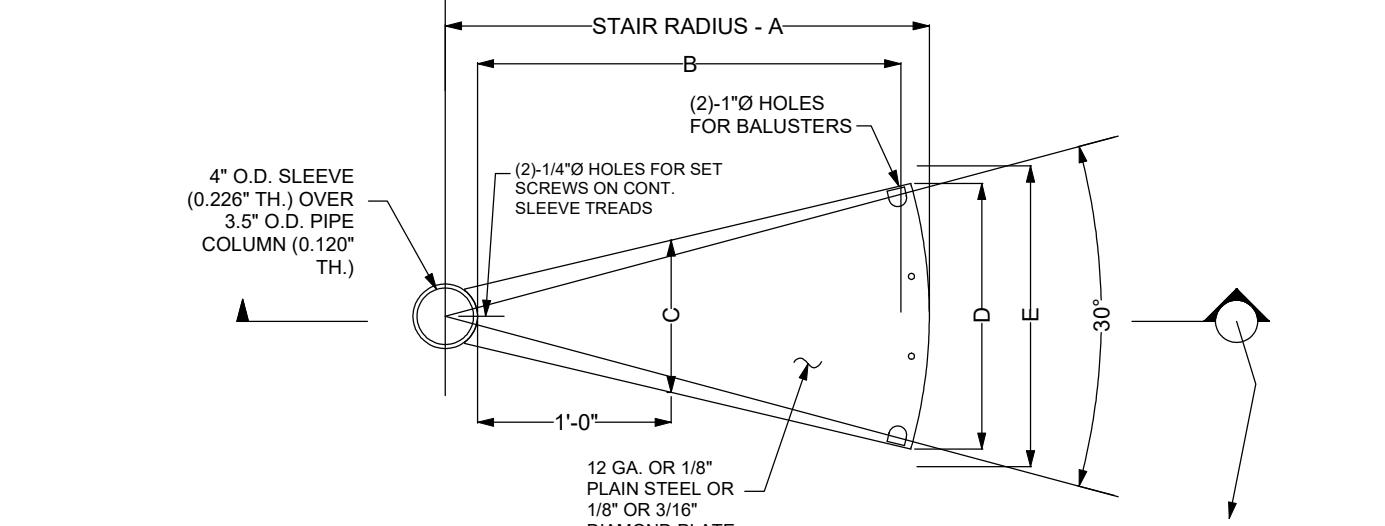
6 90° "CURVED" PLATFORM PLAN



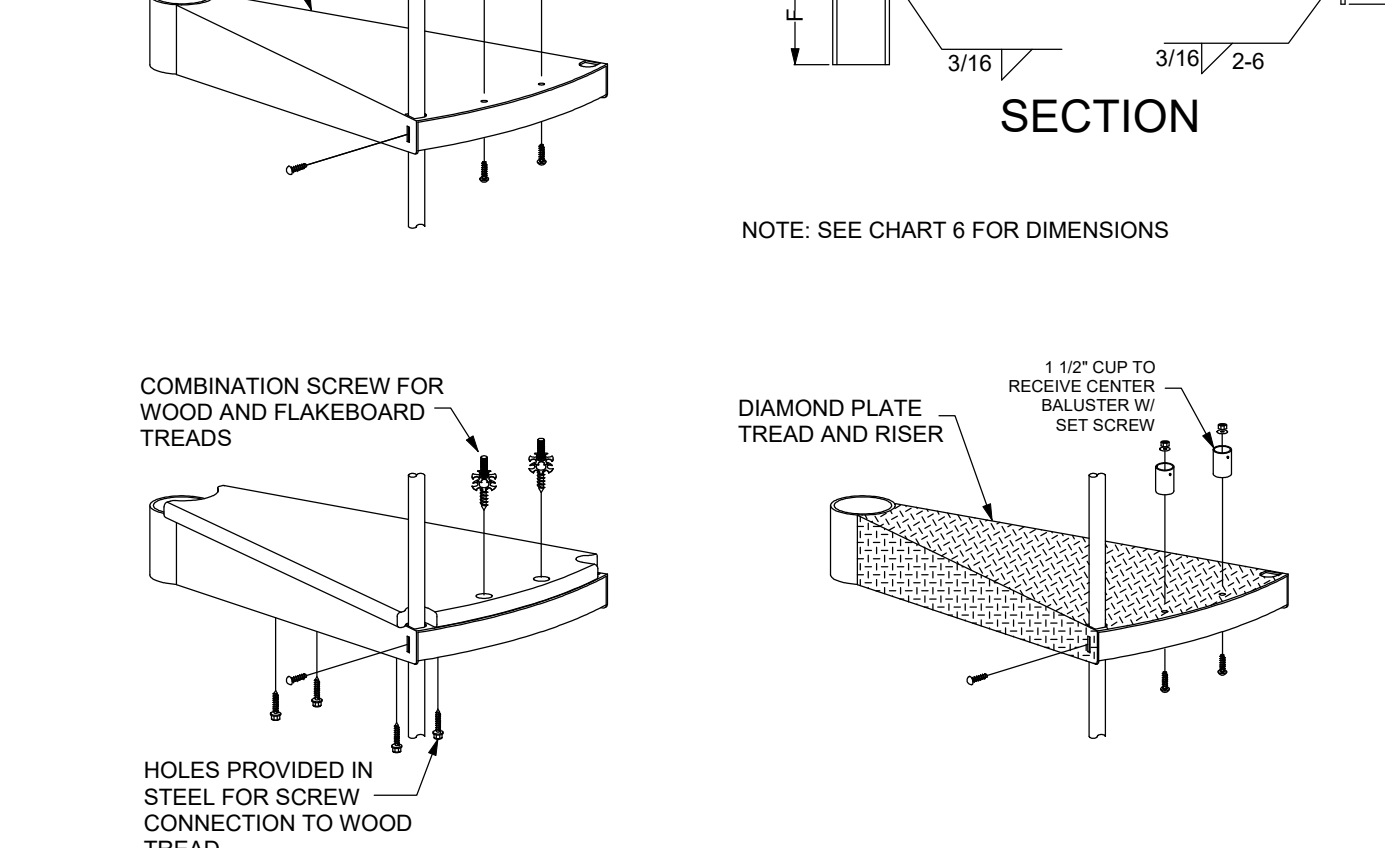
5 TOP BALUSTER BRACKET



7 HALF TURN BRACKET



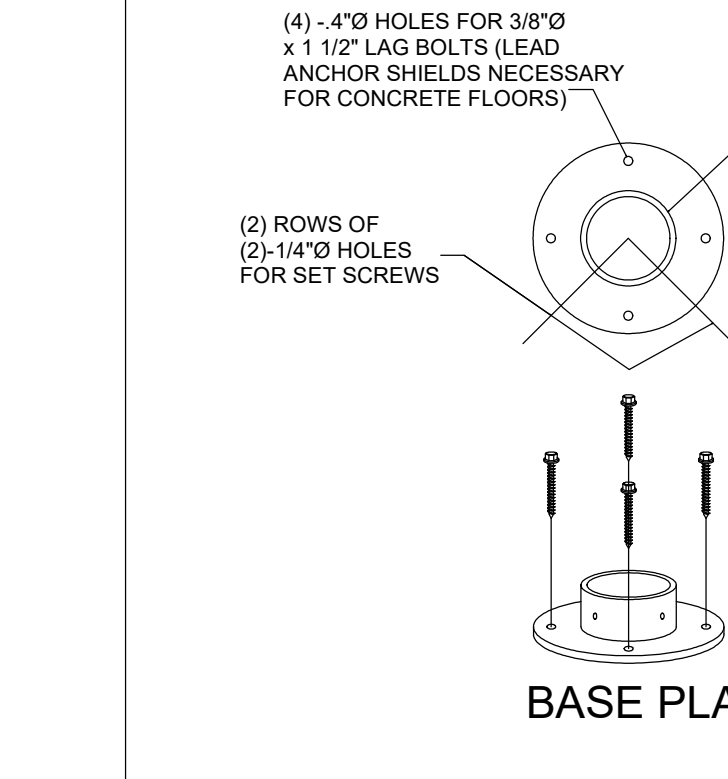
8 TREAD END PLAN



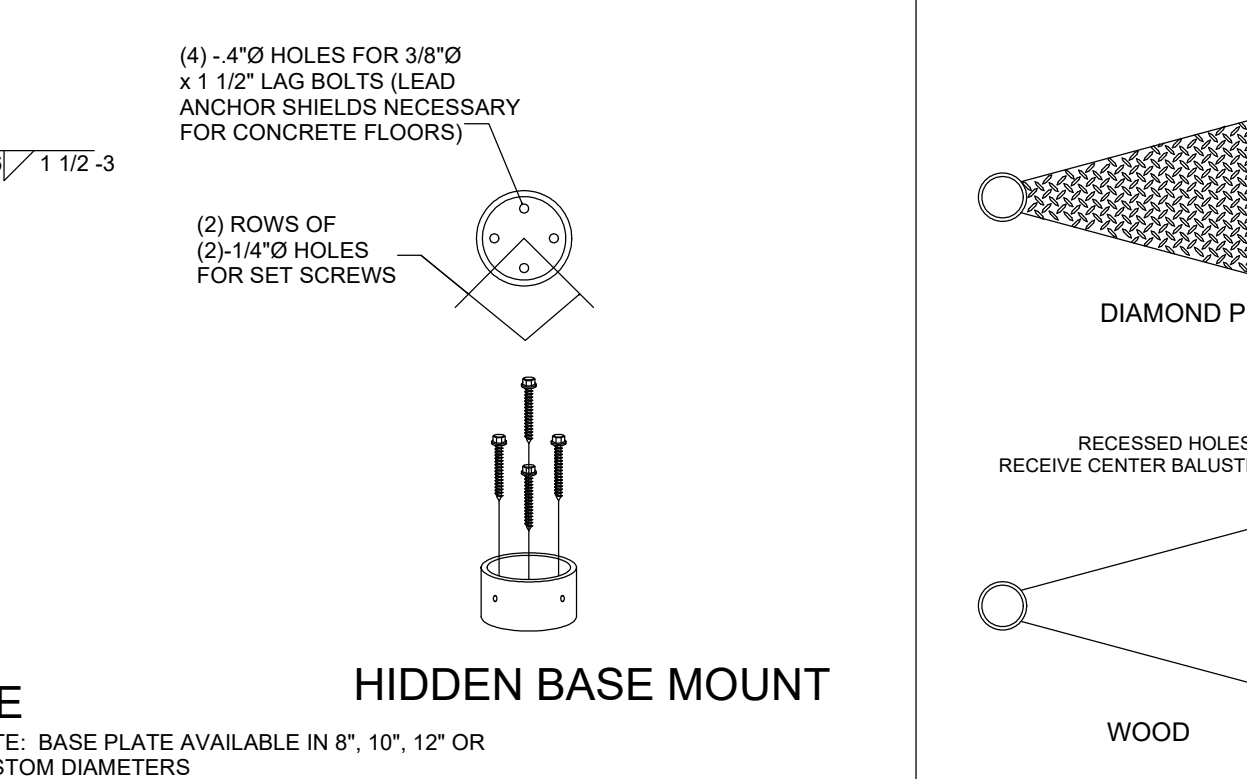
9 60° "TRIANGULAR" PLATFORM PLAN

10 60° PLATFORM PLAN

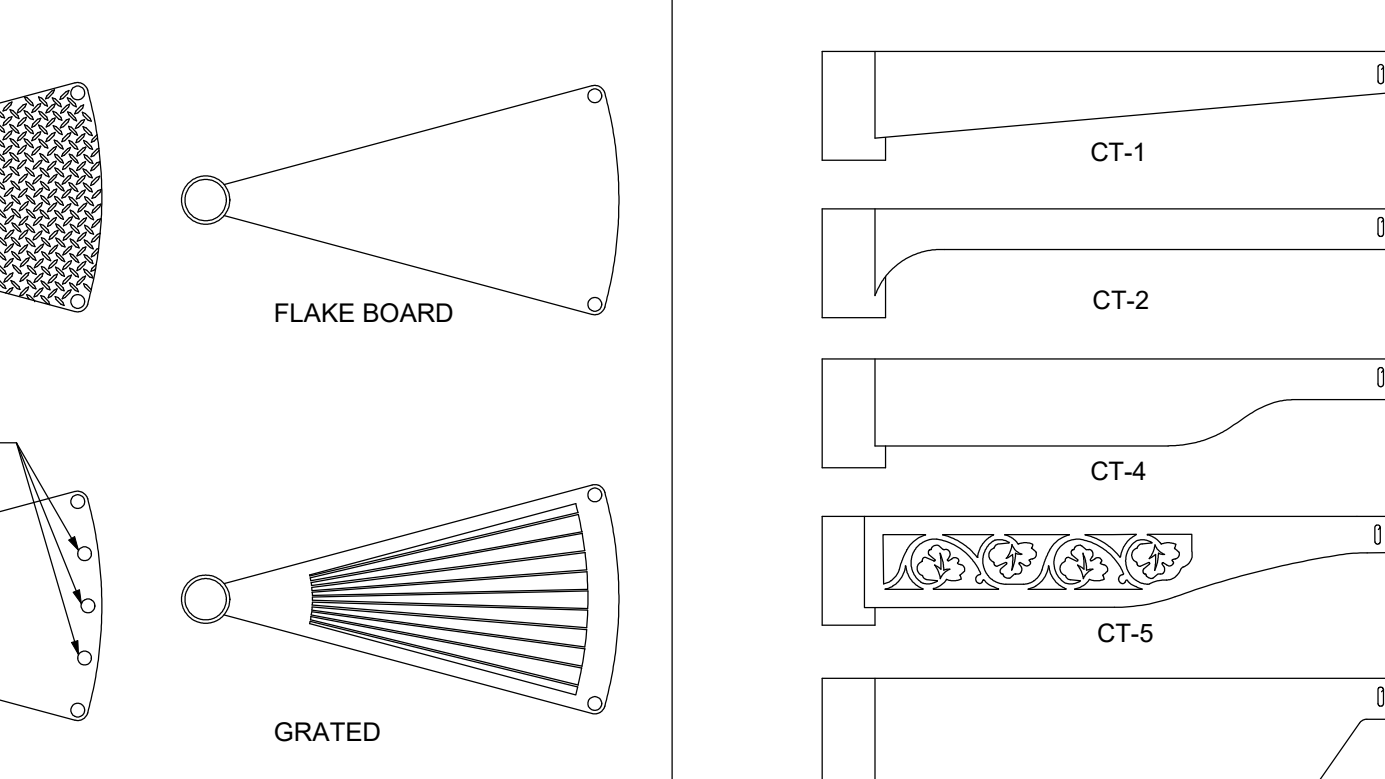
11 60° "CURVED" PLATFORM PLAN



12 POST BASE PLATE

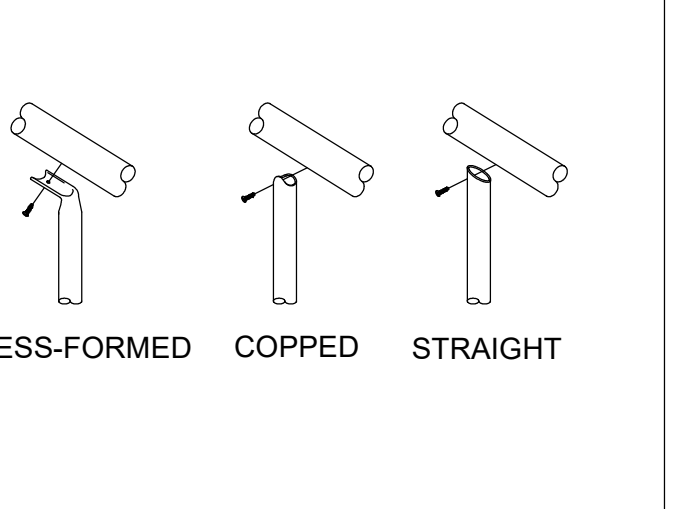


19 FOUNDATION COLUMN BASE

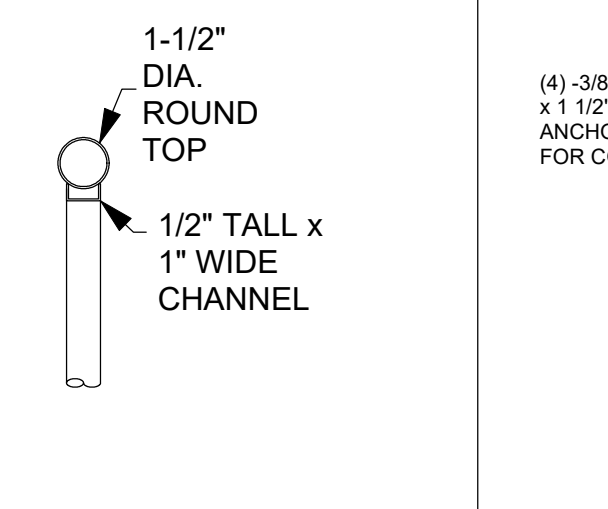


13 TREAD TOPS

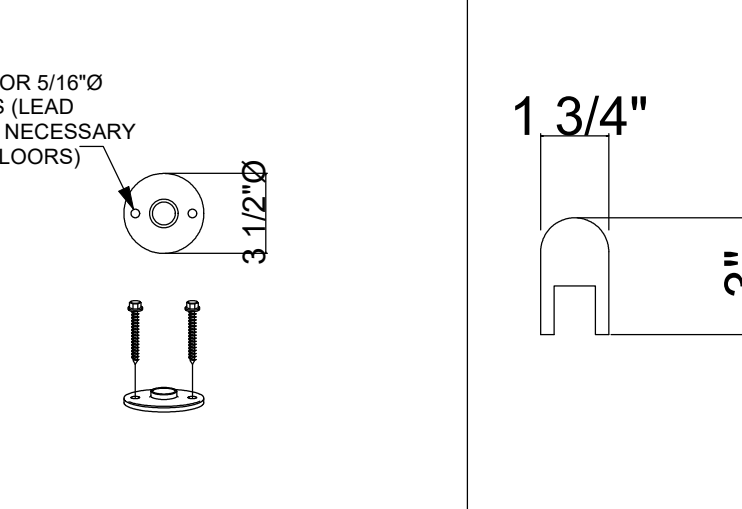
14 TREAD PROFILES



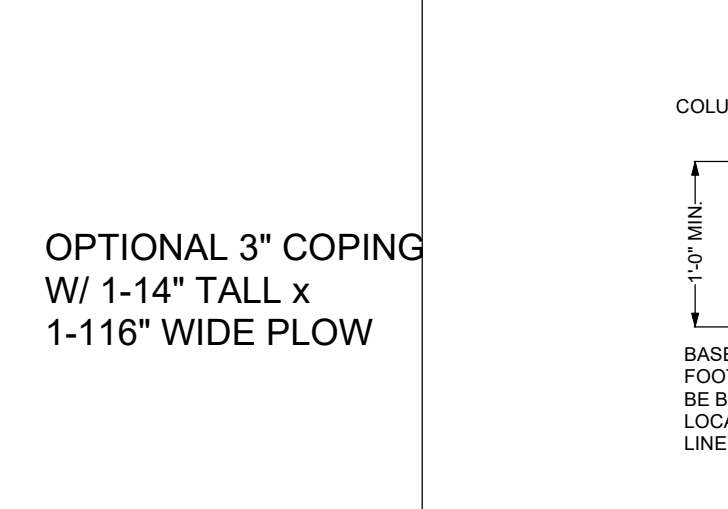
15 BALUSTER TIPS



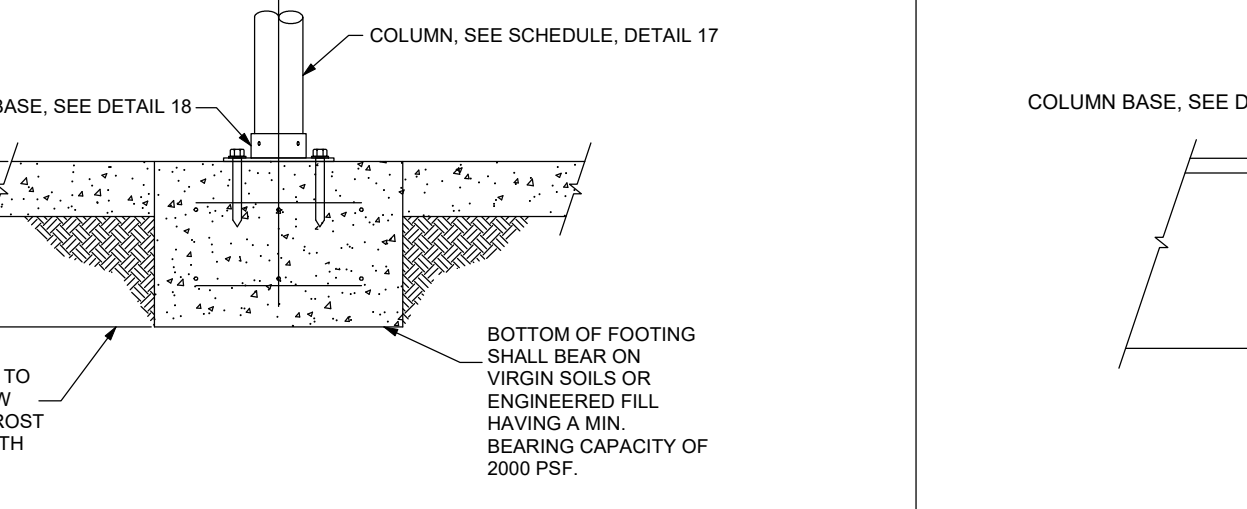
16 ROUND TOP W/ CHANNEL



17 BALUSTER BASE PLATE



18 COPING W/ PLOW



20 FLOOR SUPPORTED COLUMN BASE

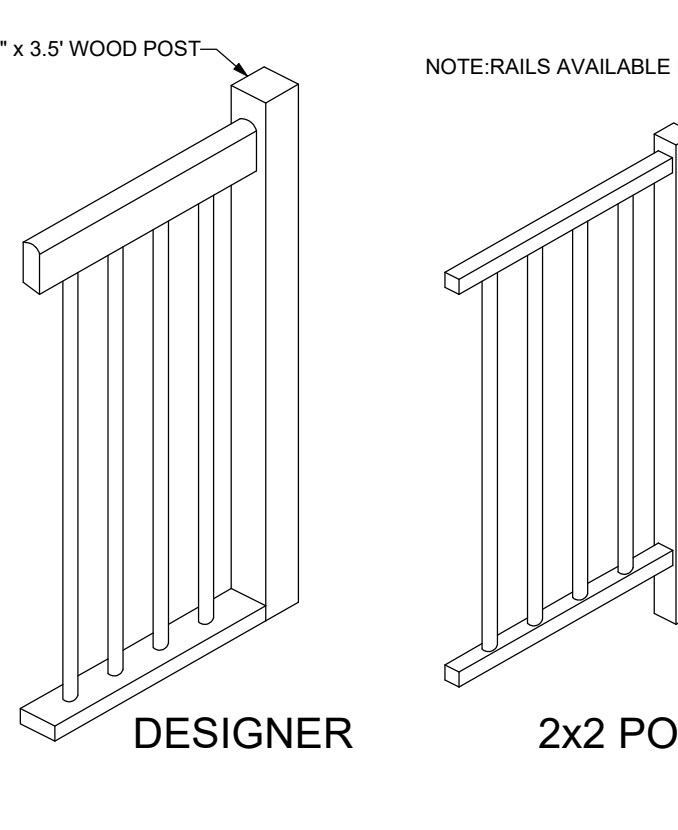
COLUMNS			
O.D.	I.D.	WALL THICK	MATERIAL
3.5"	3.25"	0.120"	TUBE
3.5"	3.068"	0.216"	SCHD 40 PIPE
3.5"	2.9"	0.300"	SCHD 80 PIPE
6"	5.625"	0.188"	TUBE
6.625"	6.065"	0.280"	SCHD 40 PIPE

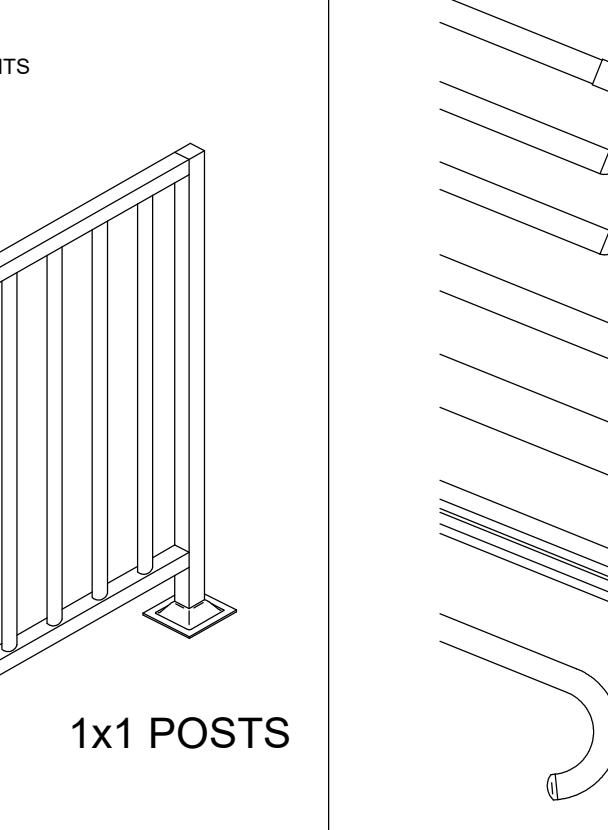
HUBS			
O.D.	I.D.	WALL THICK	MATERIAL
4"	3.56"	0.220"	TUBE

20 FLOOR SUPPORTED COLUMN BASE

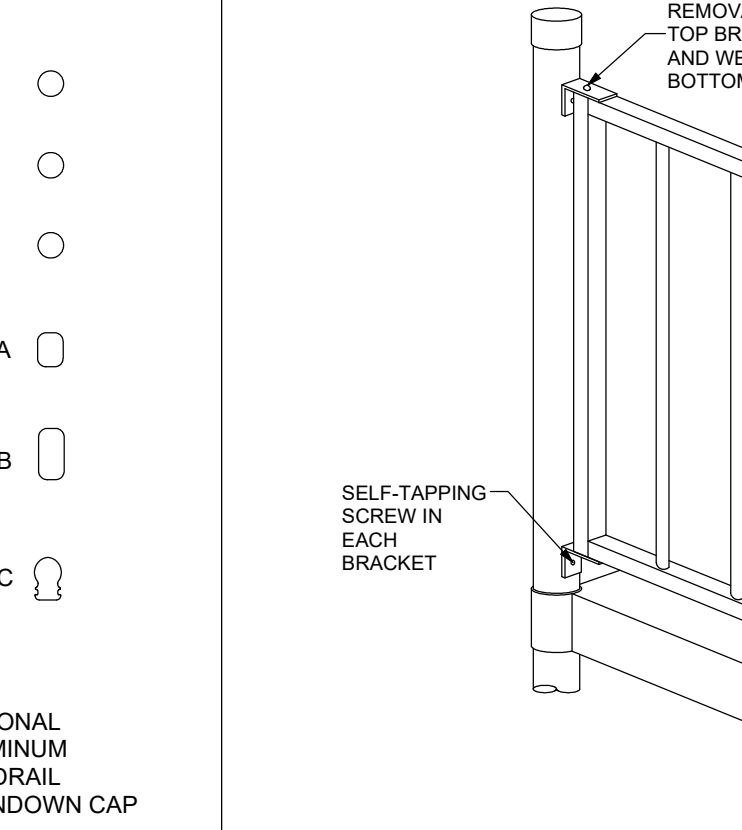
21 COLUMN & HUB SCHEDULE



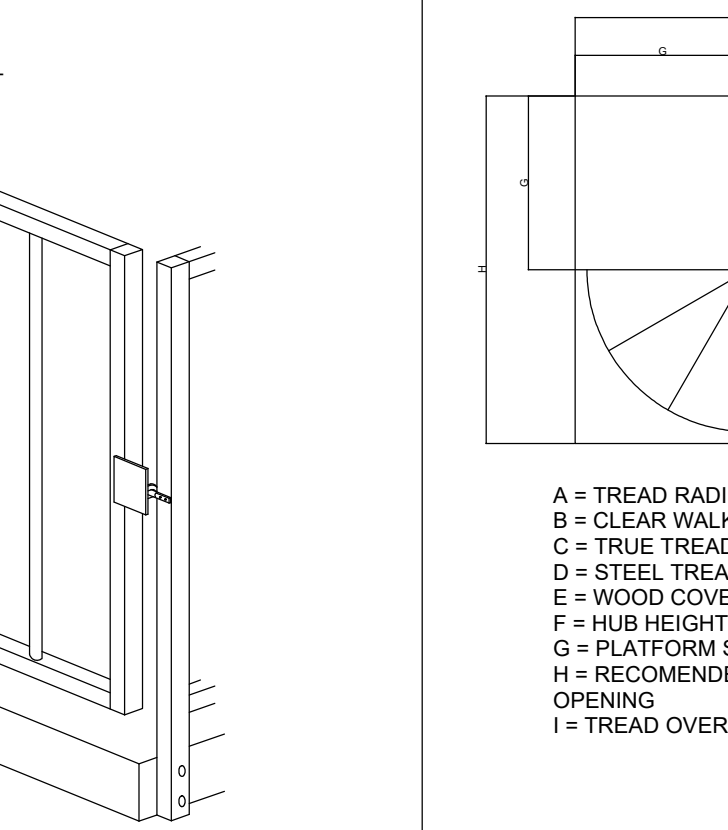
22 RAILING OPTIONS



23 HANDRAIL PROFILES



24 SAFETY GATE



25 TREAD SIZES AND DIMENSION CHART

DIAMETER OF STAIR	30" 3'-6"	30" 4'-0"	30" 4'-6"	22.5" 5'-0"	30" 5'-0"	22.5" 5'-6"	30" 5'-6"	16.36" 5'-6"	22.5" 6'-0"	30" 6'-0"	16.36" 6'-6"
A	20 1/2"	23 1/2"	26 1/2"	29 1/2"	29 1/2"	32 1/2"	32 1/2"	32 1/2"	35 1/2"	35 1/2"	38 1/2"
B	17"	20"	23"	26"	26"	29"	29"	29"	32"	32"	35"
C	7 1/2"	7 1/2"	7 1/2"	5 9/16"	7 1/2"	5 9/16"	7 1/2"	4"	5 9/16"	7 1/2"	4"
D	11 1/2"	13 1/4"	15"	13"	16"	14"	17 1/2"	10 3/4"	15"	19 1/2"	12 1/2"
E	13 1/2"	15 1/4"	17"	15"	18"	16"	19 1/2"	12 3/4"	17"	21 1/2"	14 1/2"
F	4"	4"	5"	5"	5"	6"	6"	6"	6"	6"	6"
G	22"x22"	25"x25"	28"x28"	31"x31"	31"x31"	34"x34"	34"x34"	N/A	37"x37"	37"x37"	N/A
H	44"x44"	50"x50"	56"x56"	62"x62"	62"x62"	68"x68"	68"x68"	36"x67"	74"x74"	74"x74"	42"x79"
I	7 5/16"	7 5/16"	7 5/16"	5 1/2"	7 5/16"	5 1/2"	7 5/16"	4"	5 1/2"	7 5/16"	4"
ROTATION WITH 12 TREADS	360	360	360	270	360	270	360	180	270	360	180

25 TREAD SIZES AND DIMENSION CHART

- GENERAL NOTES**
- ALL WORK SHALL BE PERFORMED IN STRICT COMPLIANCE WITH LOCAL AND STATE BUILDING CODE REQUIREMENTS.
  - GENERAL CONTRACTOR IS RESPONSIBLE FOR INSURING THAT ALL WORK BE PERFORMED IN STRICT COMPLIANCE WITH OSHA SAFETY REQUIREMENTS.
  - CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS PRIOR TO START OF CONSTRUCTION.
  - FOUNDATIONS SHALL REST ON UNDISTURBED SOIL CAPABLE OF A MINIMUM BEARING PRESSURE OF 2,000 PSF. THE ENGINEER SHALL BE NOTIFIED FOR REDESIGN IF THIS MINIMUM VALUE CANNOT BE ATTAINED.
  - ALL CONCRETE CONSTRUCTION SHALL CONFORM WITH A.C.I. 318-02. ALL CONCRETE SHALL DEVELOP A MINIMUM ULTIMATE COMPRESSIVE STRENGTH OF 3,000 P.S.I. IN 28 DAYS.
  - NO CONCRETE SHALL BE POURED WHEN THE TEMPERATURE IS 40 DEGREES FAHRENHEIT AND FALLING. ALL CONCRETE SHALL BE CURED IN ACCORDANCE WITH THE LATEST A.C.I. CODE.
  - ALL CONCRETE EXPOSED TO WEATHER SHALL CONTAIN AN AIR ENTRAINMENT ADMIXTURE CONFORMING TO ASTM C-260.
  - ALL REINFORCING STEEL SHALL BE ASTM A-615, GRADE 60. ALL WELDED WIRE MESH SHALL CONFORM TO ASTM A-185.
  - ALL STRUCTURAL STEEL FABRICATION AND ERECTION SHALL CONFORM TO AISC "SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS" NINTH EDITION, AND AWS "CODE FOR ARC AND GAS WELDING IN BUILDING CONSTRUCTION". ANCHOR BOLTS SHALL BE ASTM A307. ALL STEEL SHALL BE CLEANED OF RUST, LOOSE MILL SCALE AND OTHER FOREIGN MATERIALS.
  - ALL SHOP AND FIELD WELDING SHALL CONFORM WITH A.W.S. D1-1:03 SPECIFICATIONS. ALL FIELD BOLTS SHALL BE ASTM A-325.
  - ALL WOOD FRAMING SHALL CONFORM TO THE RECOMMENDED PRACTICE OF THE NATIONAL DESIGN SPECIFICATION OF THE NATIONAL FOREST PRODUCTS ASSOCIATION.
  - CUSTOM OPTIONS ARE AVAILABLE FOR PLATFORMS, TREADS AND RAILS. TYPICAL WIDTH OF ALL PLATFORMS IS ONE INCH LARGER THAN THE RADIUS OF THE STAIRS, HOWEVER CUSTOM SIZES ARE AVAILABLE. CUSTOM PIECES FOR ALL ASPECTS OF THE STAIR CAN BE CREATED. PLEASE CALL FOR QUOTES AND QUESTIONS.
  - ALL STAIRS CONFORM WITH REQUIREMENTS OF THE INTERNATIONAL BUILDING AND RESIDENTIAL CODES. LOCAL MUNICIPALITY MUST BE CONTACTED TO VERIFY COMPLIANCE WITH ANY STATE OR LOCAL CODES OR REQUIREMENTS.

25 TREAD SIZES AND DIMENSION CHART

REVISIONS

REV. No.	DATE	DESCRIPTION

REVISIONS

REV. No.	DATE	DESCRIPTION

REVISIONS

REV. No.	DATE	DESCRIPTION

REVISIONS

REV. No.	DATE	DESCRIPTION

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