Twinkly Pro™ Branch Tree Assembly Instructions

Up to 60' Heights

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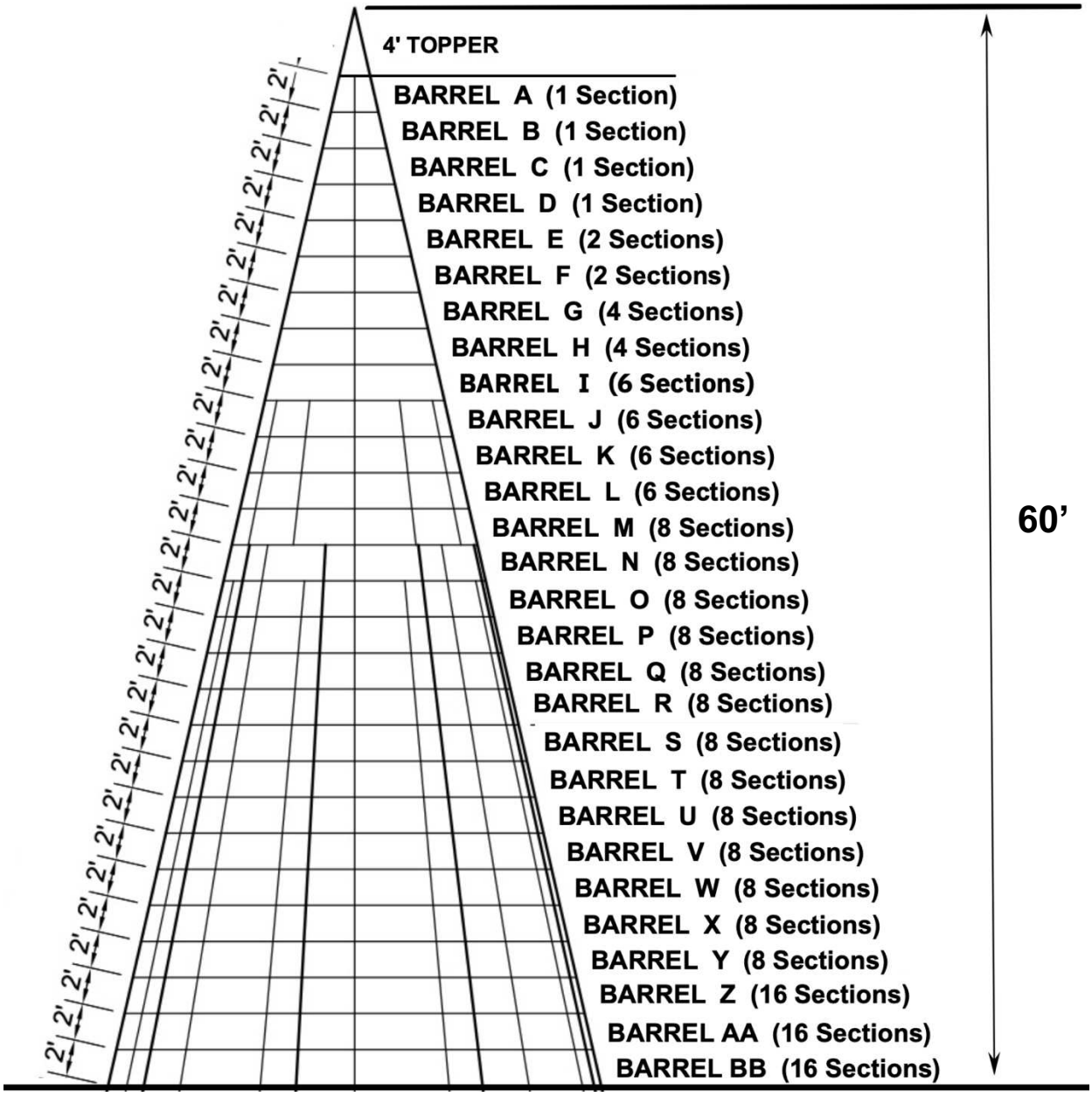
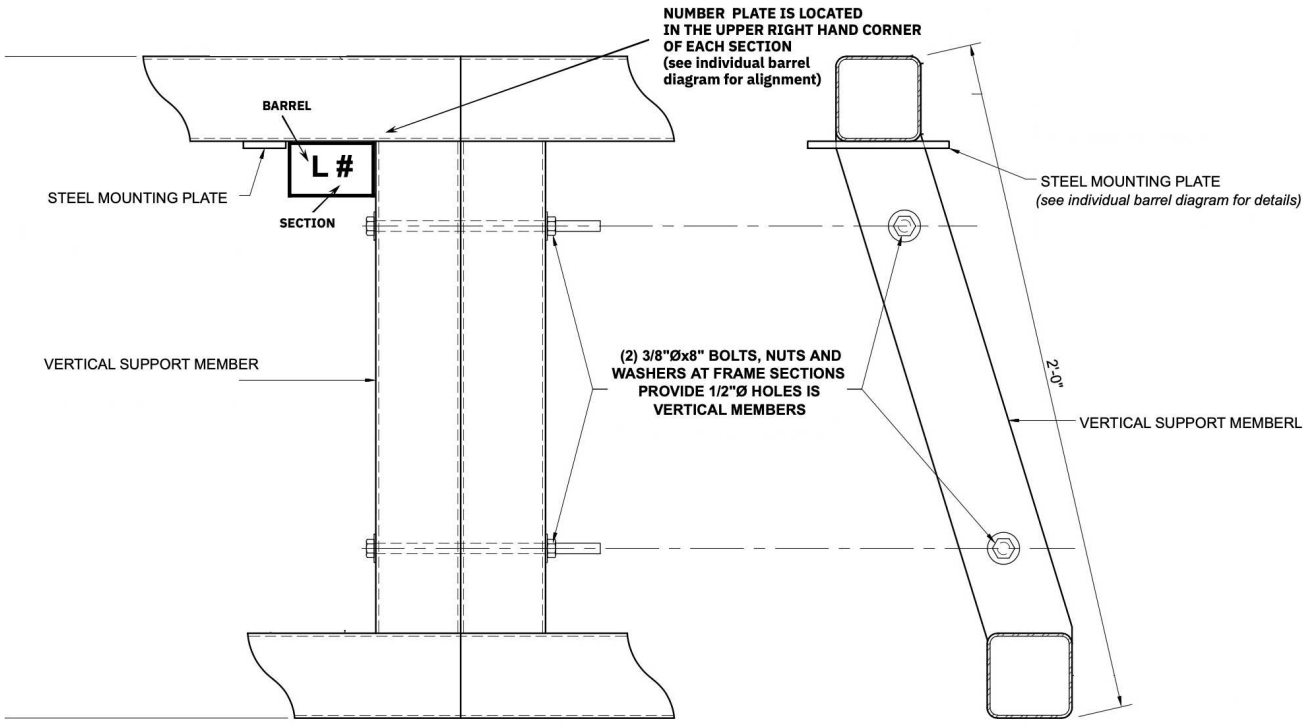


BASE DIAMETER	**30’**
TOTAL BARRELS (LEVELS)	**28**
TOTAL FRAME SECTIONS	**194**
TOTAL BRANCHES	**411**
TOTAL PIXELS	**103,250**
TOTAL CONTROLLERS	**69**
POWER REQUIREMENTS	**120A**

SECTION CONNECTION DETAIL

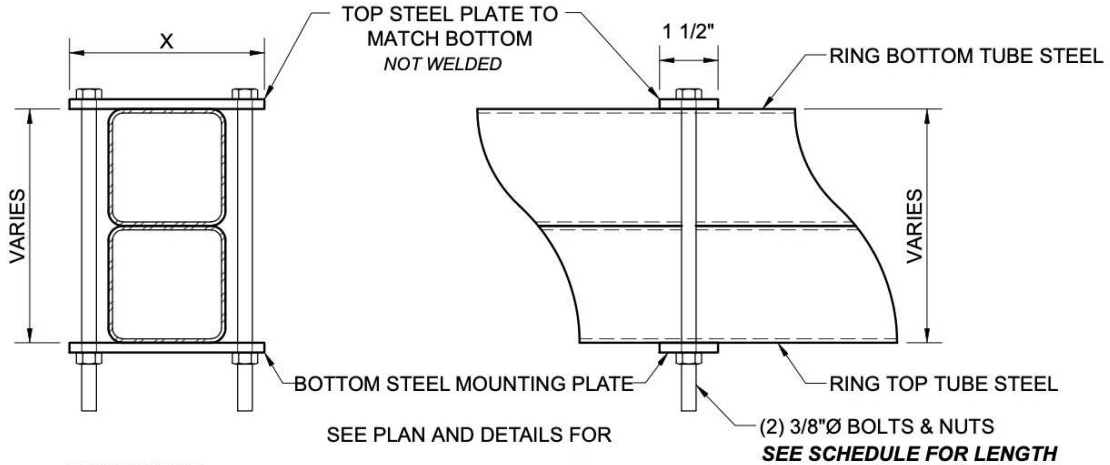
FRONT VIEW

SIDE VIEW



BARREL CONNECTION DETAIL

SIDE VIEW



TOP VIEW

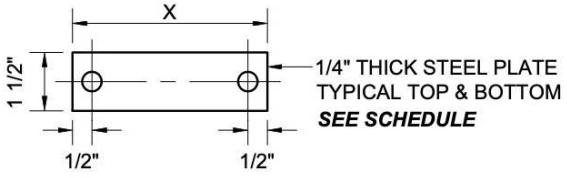
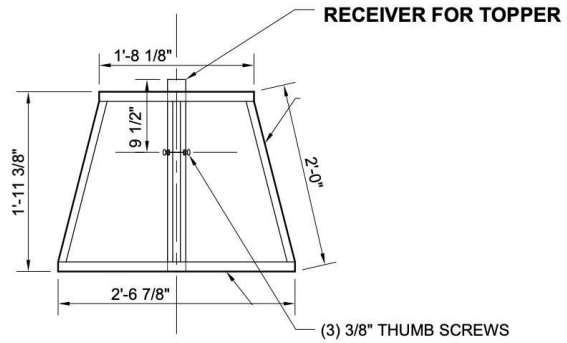


PLATE & BOLT SCHEDULE

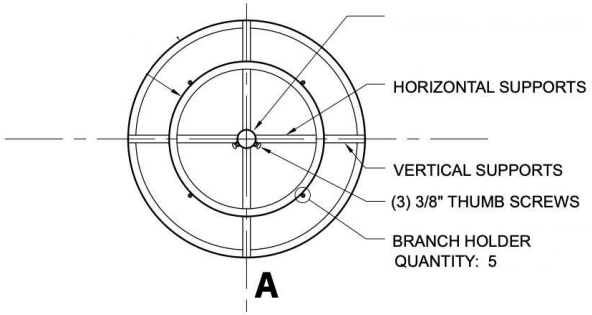
BARREL A TO L: PLATE (X) = 3", BOLT LENGTH = 4"
BARREL M TO R: PLATE (X) = 3.25", BOLT LENGTH = 5"
BARREL S TO Y: PLATE (X) = 3.5", BOLT LENGTH = 5"
BARREL Z TO II: PLATE (X) = 4" BOLT LENGTH = 6"
BARREL JJ TO OO: PLATE (X) = 4.5" BOLT LENGTH = 7"
BARREL PP TO WW: PLATE (X) = 5" BOLT LENGTH = 8"



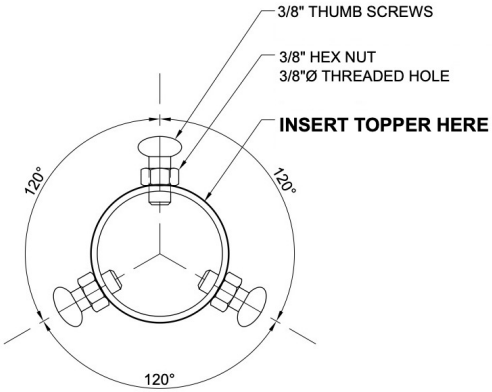
BARREL - A

- 1 SECTION
- 5 BRANCHES

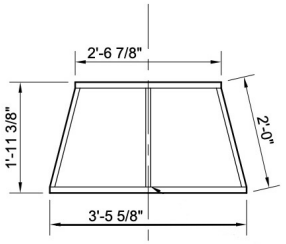
FRONT VIEW



FRAME TOP VIEW



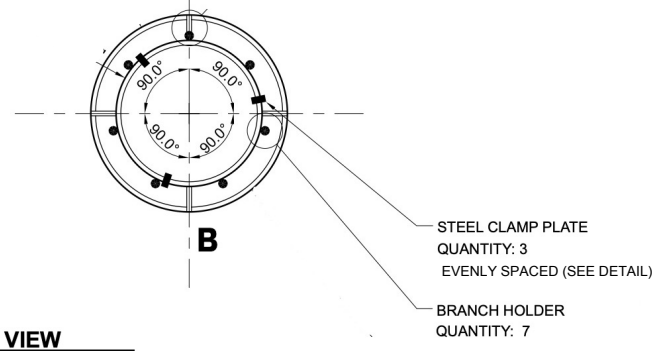
TOPPER RECEIVER DETAIL



BARREL - B

- 1 SECTION
- 7 BRANCHES

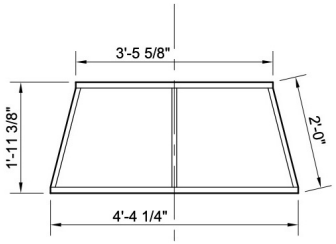
FRONT VIEW



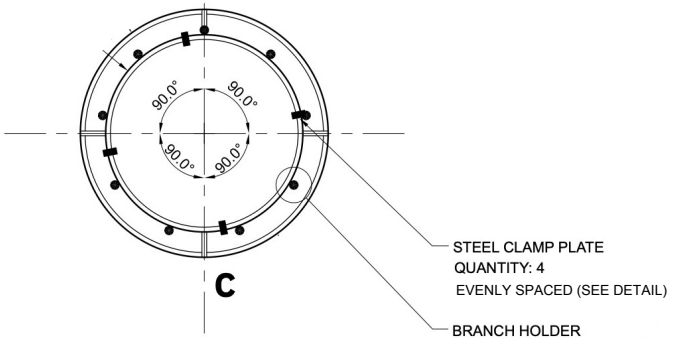
FRAME TOP VIEW

BARREL - C

- 1 SECTION
- 9 BRANCHES



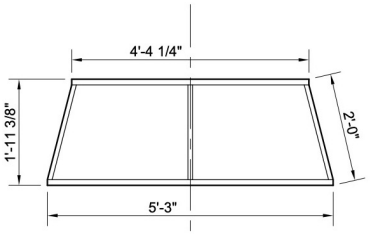
FRONT VIEW



FRAME TOP VIEW

BARREL - D

- 1 SECTION
- 11 BRANCHES



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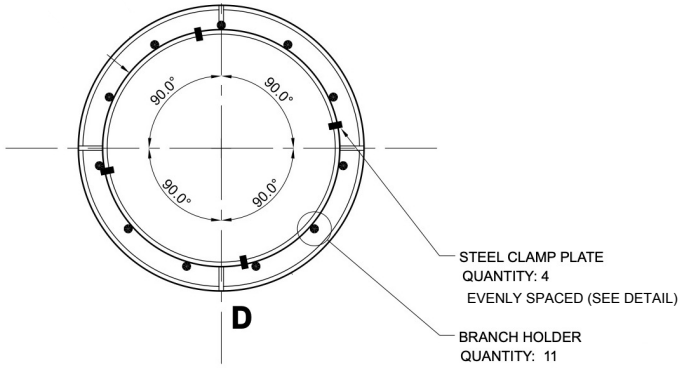
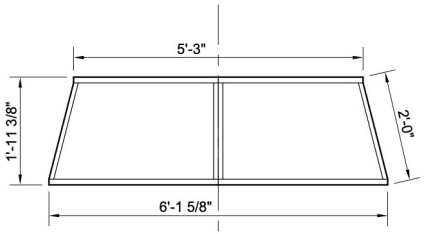


FRAME TOP VIEW

BARREL - E

- 2 SECTIONS
- 13 BRANCHES



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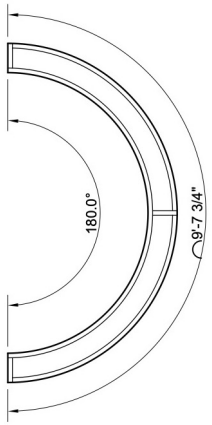
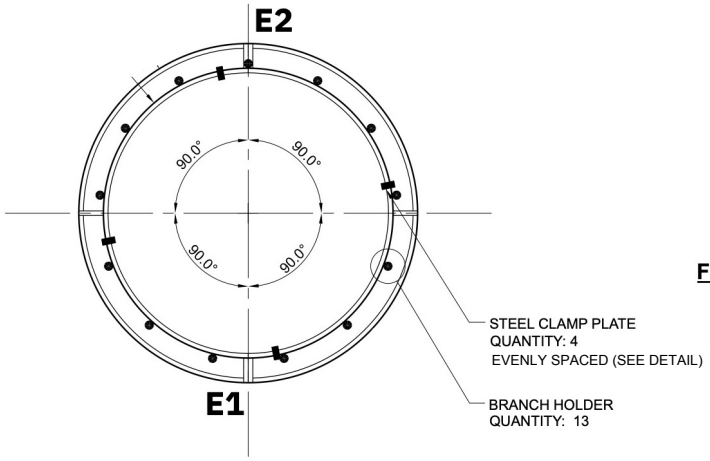


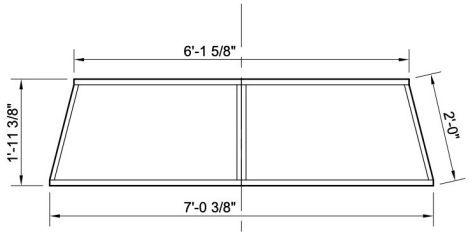
FRAME SECTION



FRAME TOP VIEW

BARREL - F

- 2 SECTIONS
- 15 BRANCHES



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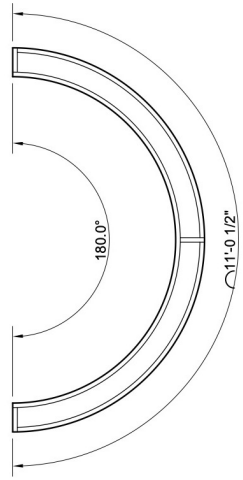
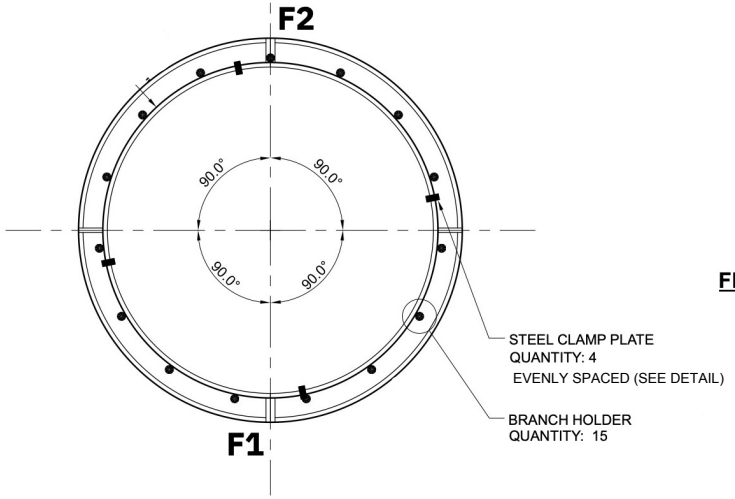


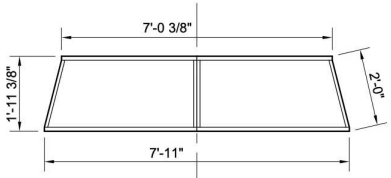
FRAME SECTION



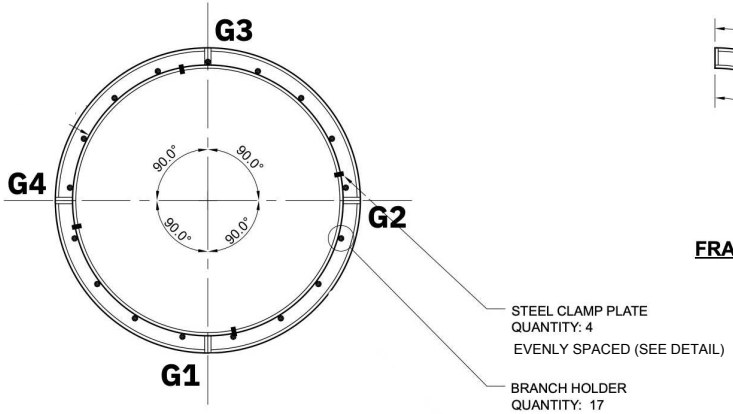
FRAME TOP VIEW

BARREL - G

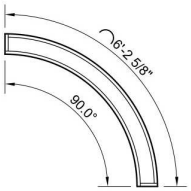
- 4 SECTIONS
- 17 BRANCHES



FRONT VIEW



FRAME TOP VIEW



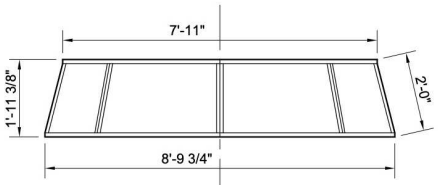
FRAME SECTION

STEEL CLAMP PLATE
QUANTITY: 4
EVENLY SPACED (SEE DETAIL)

BRANCH HOLDER
QUANTITY: 17

BARREL - H

- 4 SECTIONS
- 19 BRANCHES



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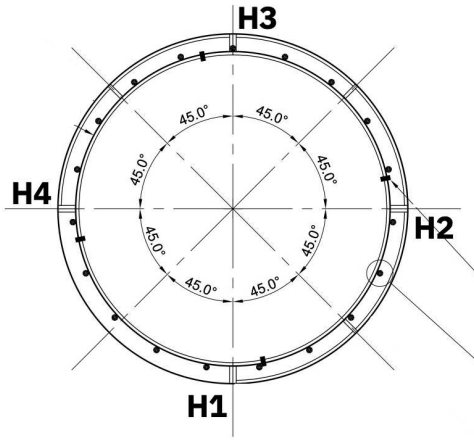

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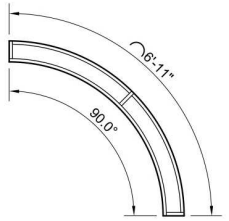


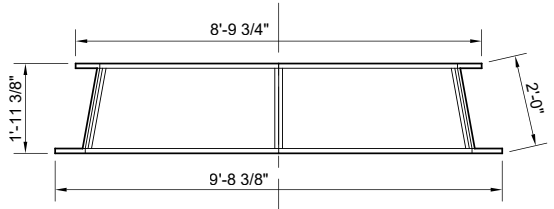
FRAME SECTION

STEEL CLAMP PLATE
QUANTITY: 4
EVENLY SPACED (SEE DETAIL)

BRANCH HOLDER
QUANTITY: 19

BARREL - I

- 6 SECTIONS
- 21 BRANCHES



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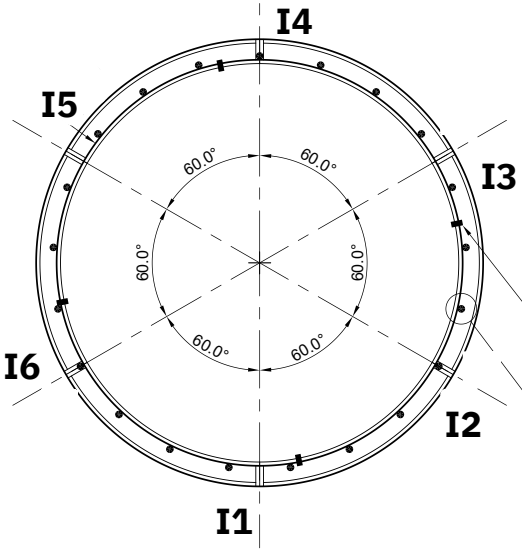
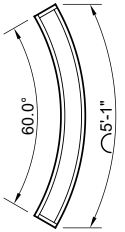


FRAME TOP VIEW



FRAME SECTION

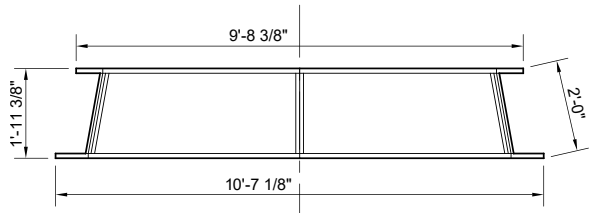
STEEL CLAMP PLATE
EVENLY SPACED (SEE DETAIL)
QUANTITY: 6

BRANCH HOLDER
QUANTITY: 21

BARREL - J

- 6 SECTIONS

- 23 BRANCHES



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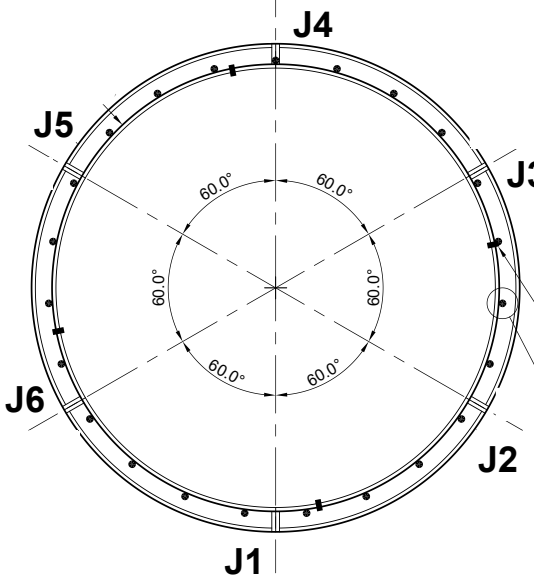

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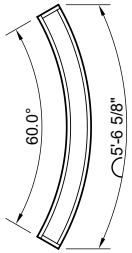


FRAME SECTION

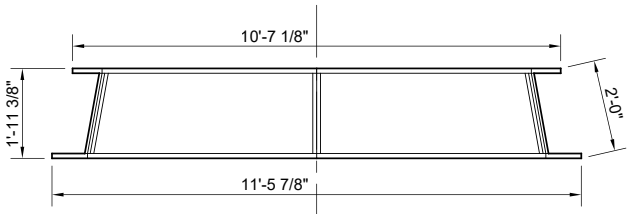
STEEL CLAMP PLATE
EVENLY SPACED (SEE DETAIL)
QUANTITY: 6

BRANCH HOLDER
QUANTITY: 23

BARREL - K

- 6 SECTIONS

- 25 BRANCHES



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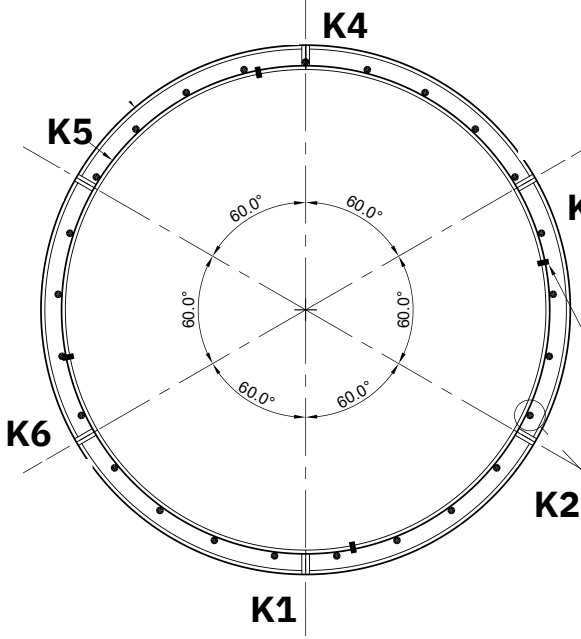

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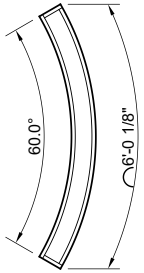


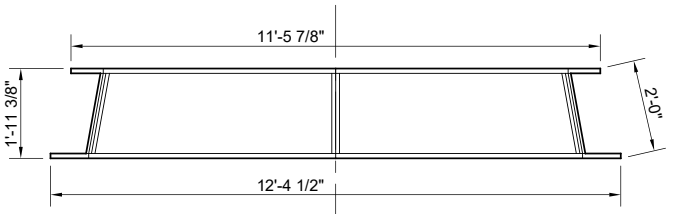
FRAME SECTION

STEEL CLAMP PLATE
EVENLY SPACED (SEE DETAIL)
QUANTITY: 4

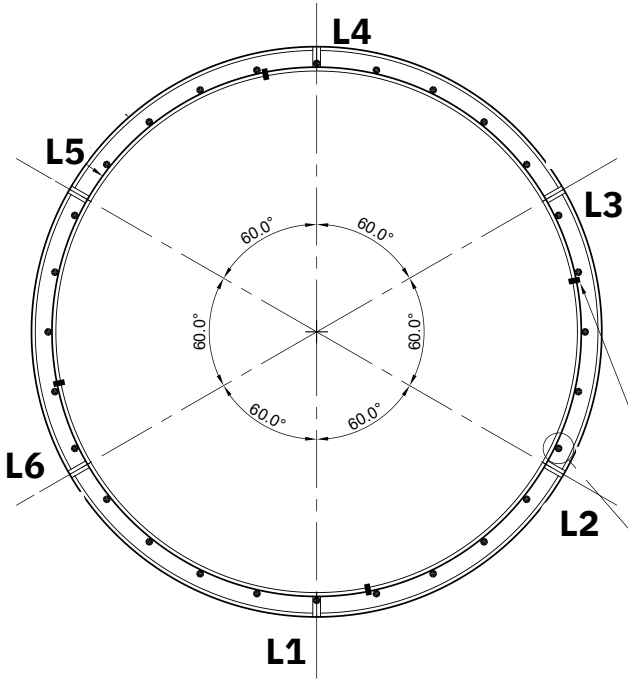
BRANCH HOLDER
QUANTITY: 25

BARREL - L

- 6 SECTIONS
- 28 BRANCHES



FRONT VIEW



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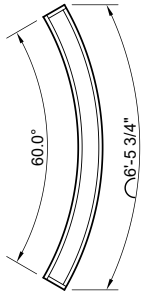


FRAME SECTION

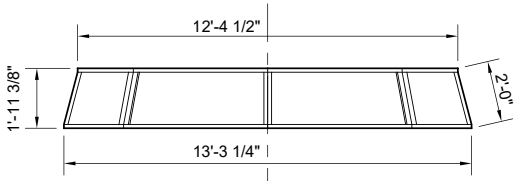
STEEL CLAMP PLATE
EVENLY SPACED (SEE DETAIL)
QUANTITY: 4

BRANCH HOLDER
QUANTITY: 28

BARREL - M

- 8 SECTIONS

- 30 BRANCHES



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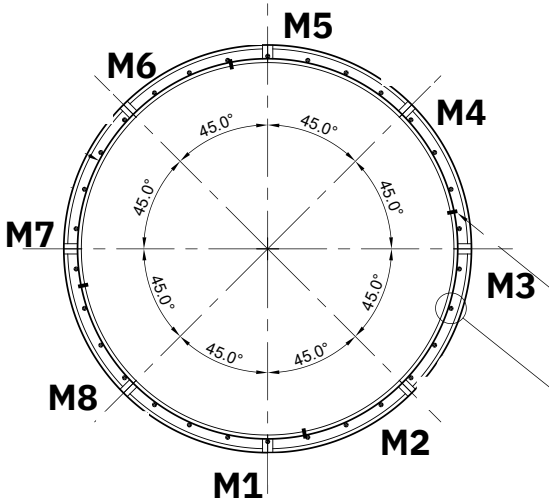

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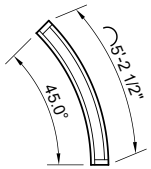


FRAME SECTION

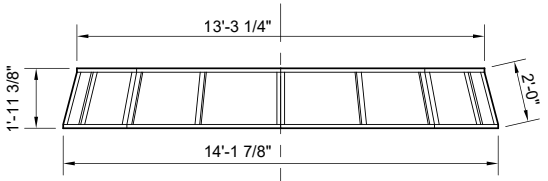
STEEL CLAMP PLATE
EVENLY SPACED (SEE DETAIL)
QUANTITY: 4

BRANCH HOLDER\
QUANTITY: 30

BARREL - N

- 8 SECTIONS

- 32 BRANCHES



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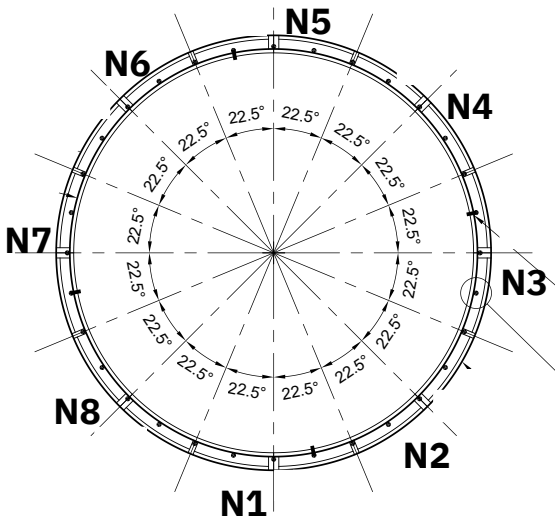
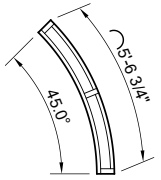


FRAME TOP VIEW



FRAME SECTION

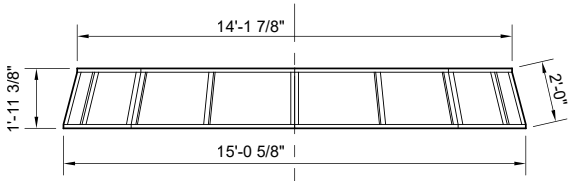
STEEL CLAMP PLATE
EVENLY SPACED (SEE DETAIL)
QUANTITY 4

BRANCH HOLDER
QUANTITY 32

BARREL - 0

- 8 SECTIONS

- 34 BRANCHES



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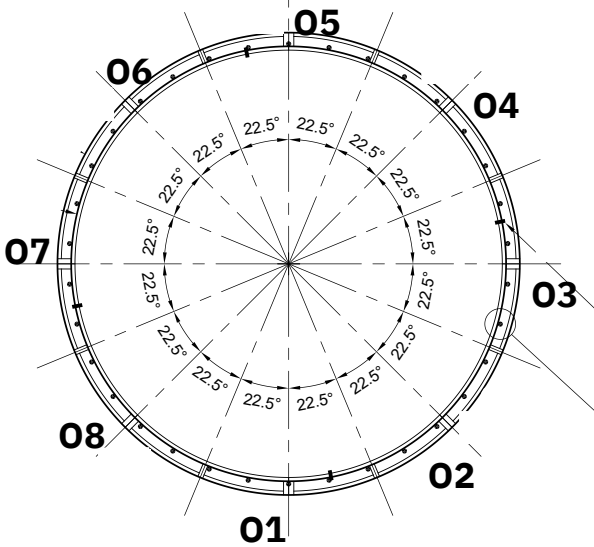
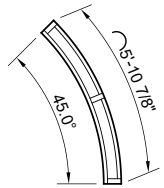


FRAME TOP VIEW



FRAME SECTION

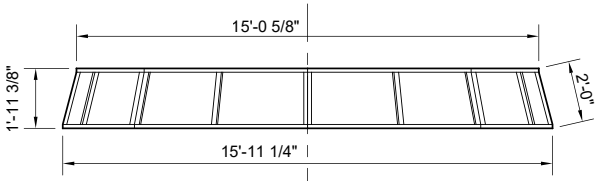
STEEL CLAMP PLATE
EVENLY SPACED (SEE DETAIL)
QUANTITY: 4

BRANCH HOLDER
QUANTITY: 34

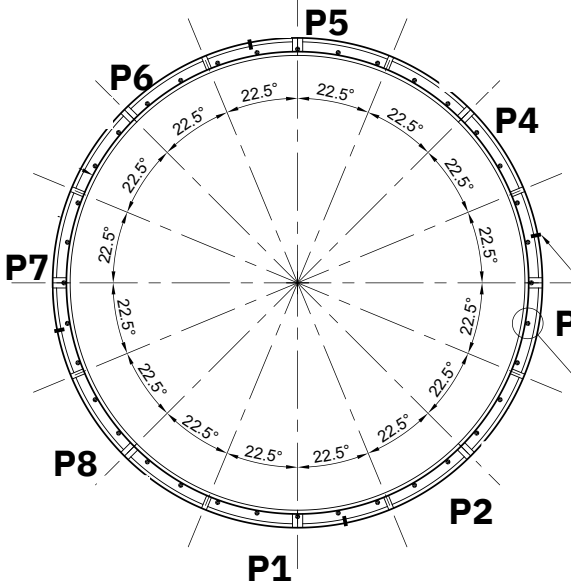
BARREL - P

- 8 SECTIONS

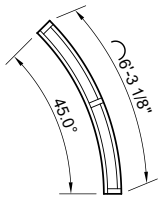
- 36 BRANCHES



FRONT VIEW



FRAME TOP VIEW



FRAME SECTION

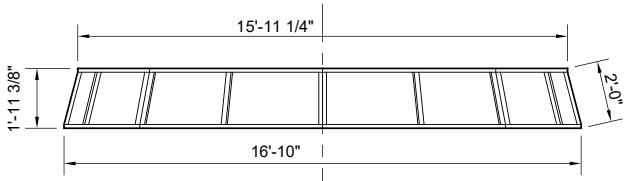
STEEL CLAMP PLATE
EVENLY SPACED (SEE DETAIL)
QUANTITY: 4

BRANCH HOLDER
QUANTITY: 36

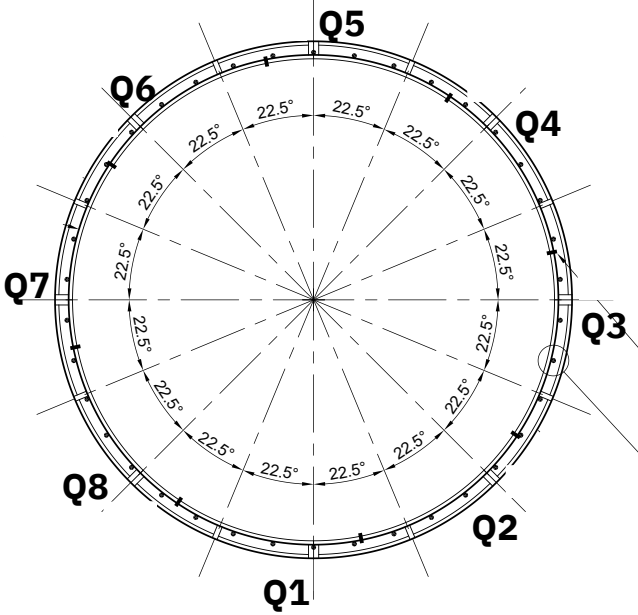
BARREL - Q

- 8 SECTIONS

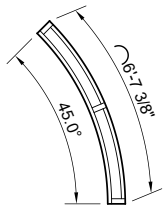
- 38 BRANCHES



FRONT VIEW



FRAME TOP VIEW



FRAME SECTION

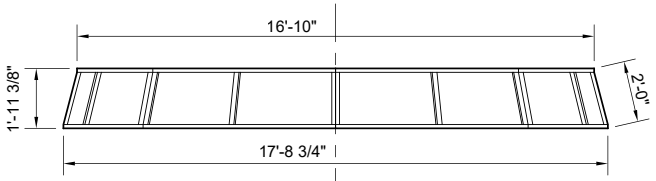
STEEL CLAMP PLATE
EVENLY SPACED (SEE DETAIL)
QUANTITY: 8

BRANCH HOLDER
QUANTITY: 38

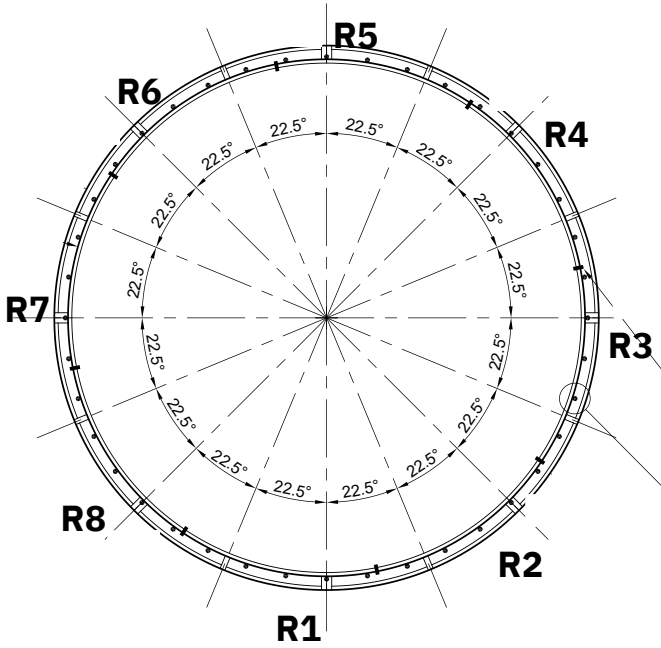
BARREL - R

- 8 SECTIONS

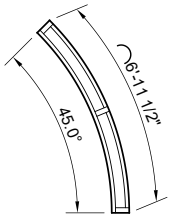
- 40 BRANCHES



FRONT VIEW



FRAME TOP VIEW



FRAME SECTION

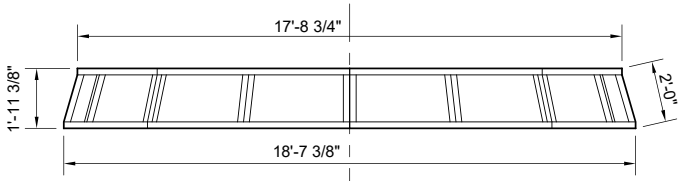
STEEL CLAMP PLATE
EVENLY SPACED (SEE DETAIL)
QUANTITY: 8

BRANCH HOLDER
QUANTITY: 40

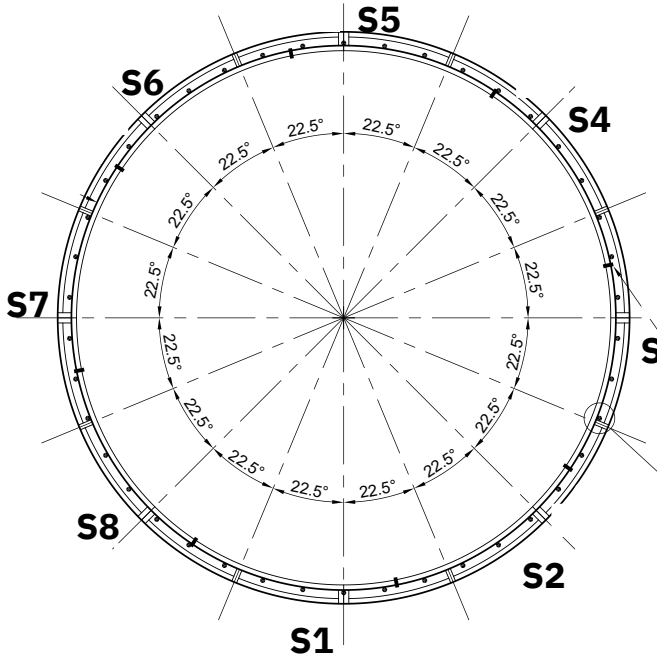
BARREL - S

- 8 SECTIONS

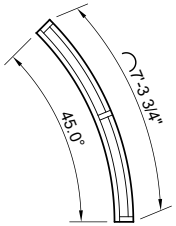
- 42 BRANCHES



FRONT VIEW



FRAME TOP VIEW



FRAME SECTION

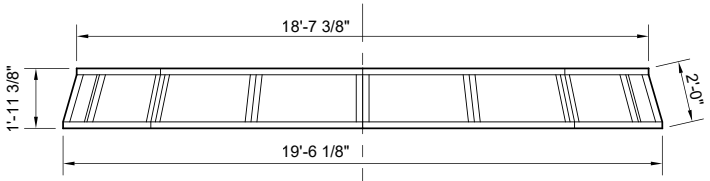
STEEL CLAMP PLATE
EVENLY SPACED (SEE DETAIL)
QUANTITY: 8

BRANCH HOLDER
QUANTITY: 42

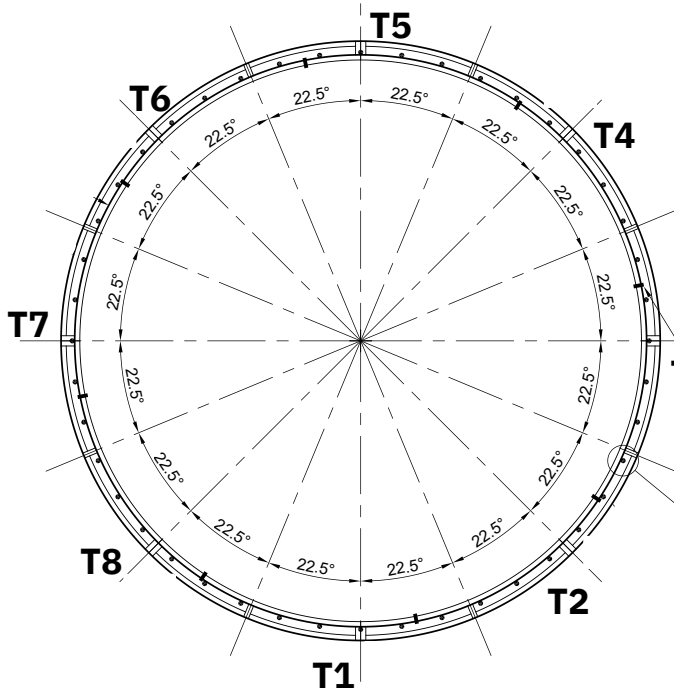
BARREL - T

- 8 SECTIONS

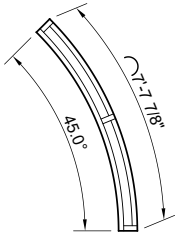
- 44 BRANCHES



FRONT VIEW



FRAME TOP VIEW



FRAME SECTION

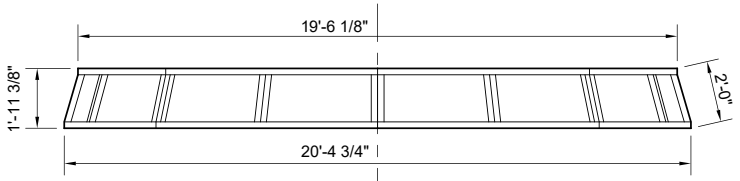
STEEL CLAMP PLATE
EVENLY SPACED (SEE DETAIL)
QUANTITY: 8

BRANCH HOLDER
QUANTITY: 44

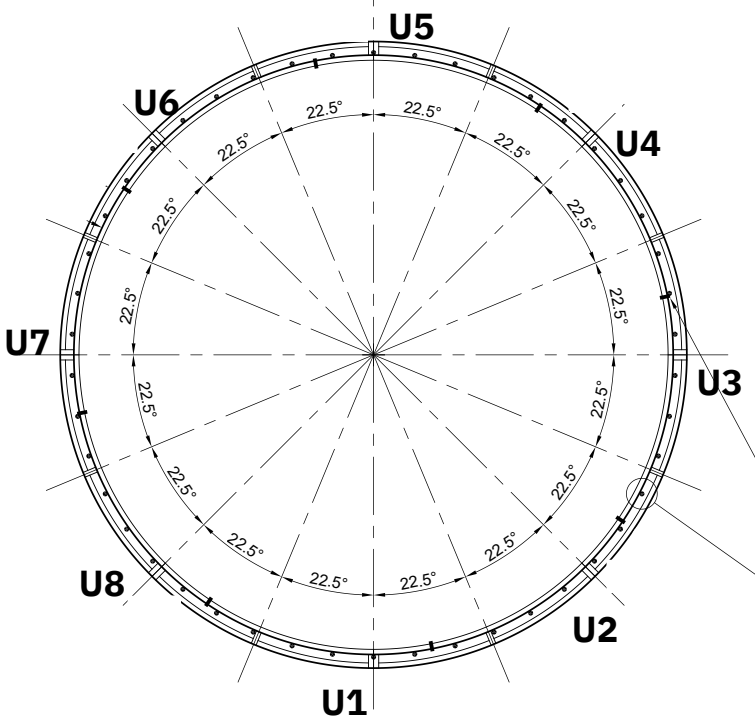
BARREL - U

- 8 SECTIONS

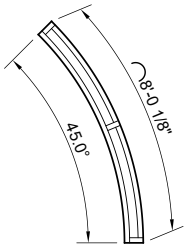
- 46 BRANCHES



FRONT VIEW



FRAME TOP VIEW



FRAME SECTION

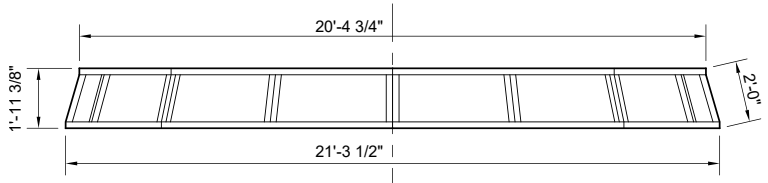
STEEL CLAMP PLATE
EVENLY SPACED (SEE DETAIL)
QUANTITY: 8

BRANCH HOLDER
QUANTITY: 46

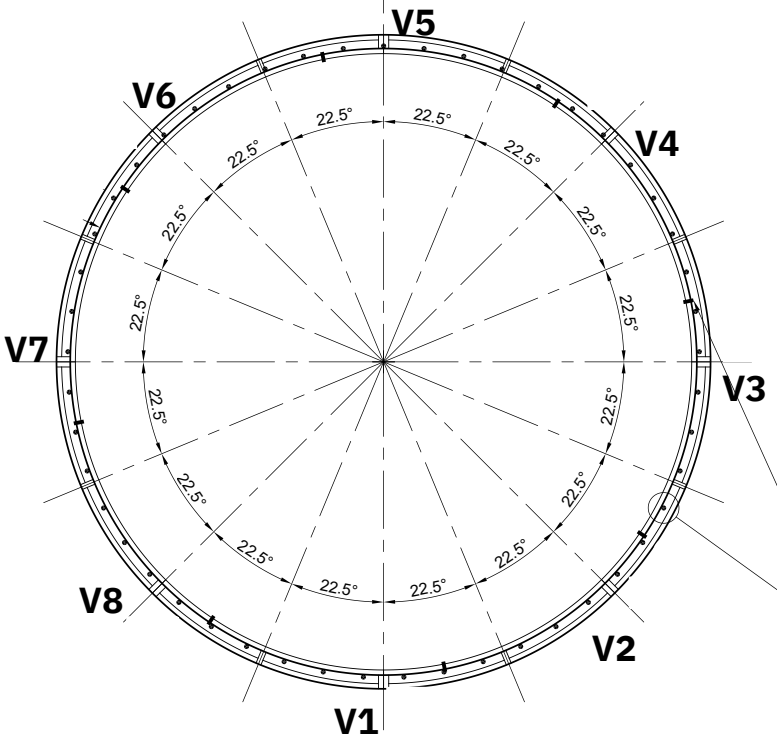
BARREL - V

- 8 SECTIONS

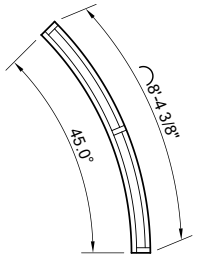
- 49 BRANCHES



FRONT VIEW



FRAME TOP VIEW



FRAME SECTION

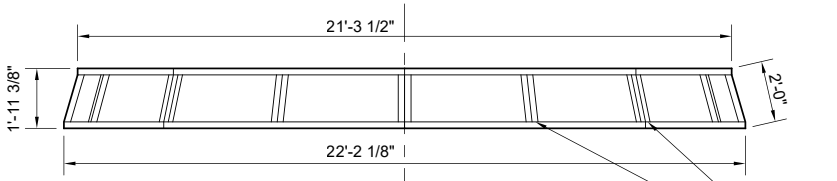
STEEL CLAMP PLATE
EVENLY SPACED (SEE DETAIL)
QUANTITY: 8

BRANCH HOLDER
QUANTITY: 49

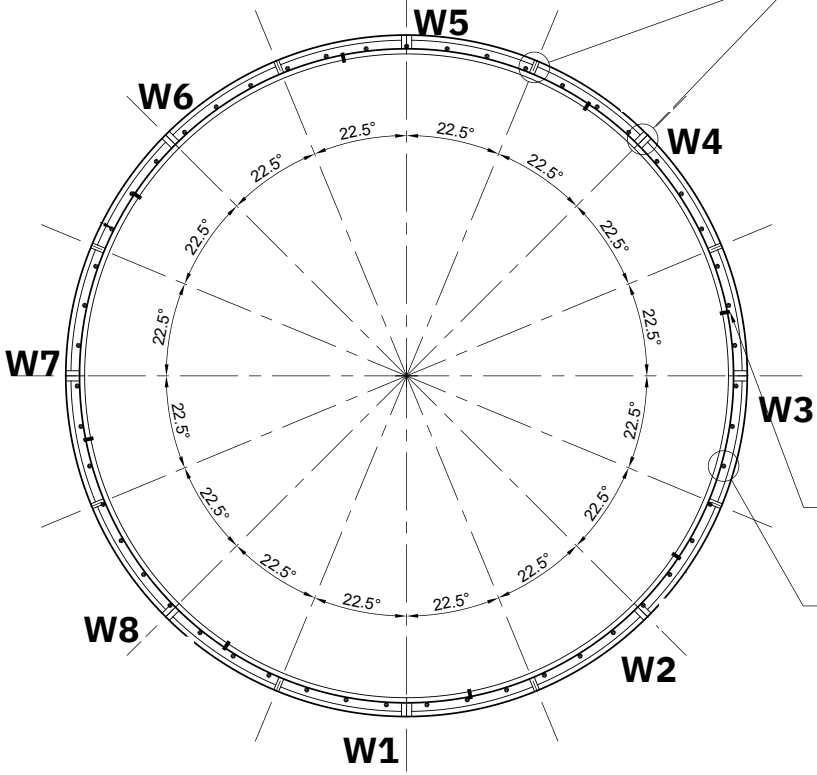
BARREL - W

- 8 SECTIONS

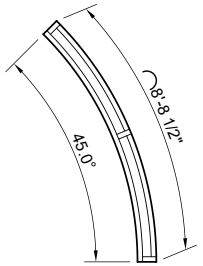
- 51 BRANCHES



FRONT VIEW



FRAME TOP VIEW



FRAME SECTION

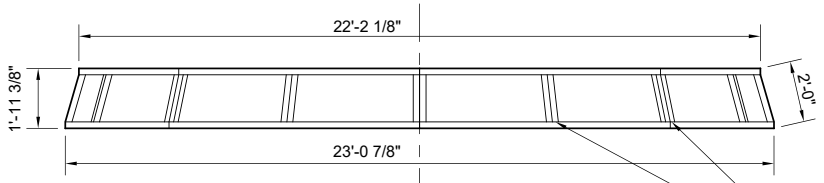
STEEL CLAMP PLATE
EVENLY SPACED (SEE DETAIL)
QUANTITY: 8

BRANCH HOLDER
QUANTITY: 51

BARREL - X

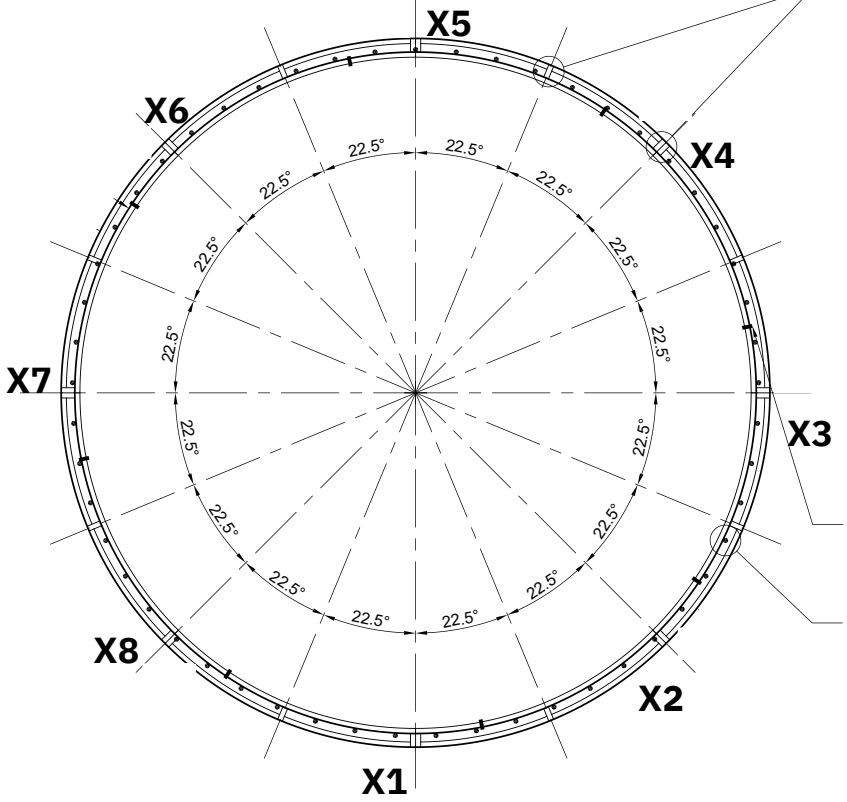
- 8 SECTIONS

- 53 BRANCHES

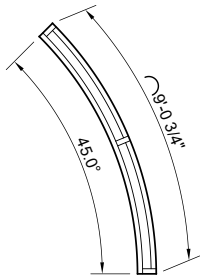


FRONT VIEW

VERTICAL SUPPORTS AT 23.5° O.C.



FRAME TOP VIEW



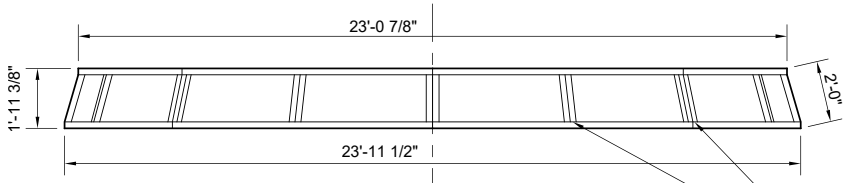
FRAME SECTION

STEEL CLAMP PLATE
EVENLY SPACED (SEE DETAIL)
QUANTITY: 8

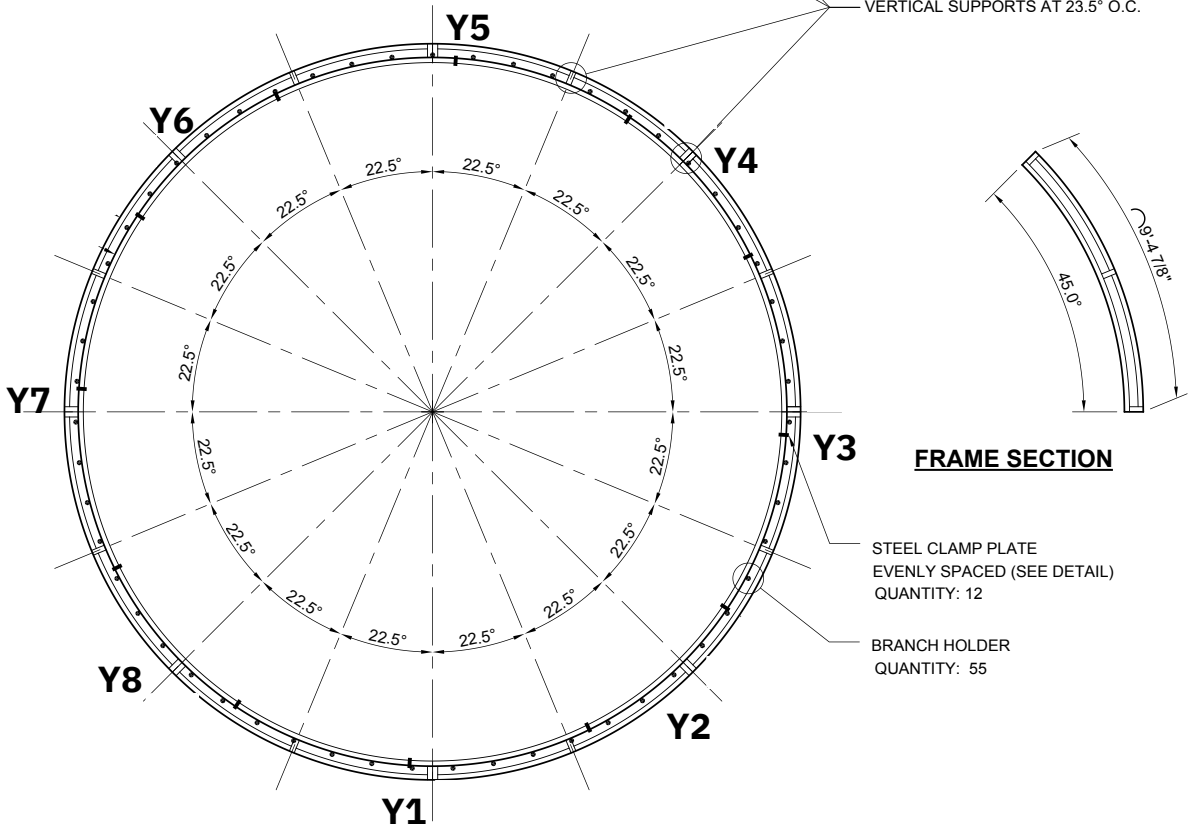
BRANCH HOLDER
QUANTITY: 53

BARREL - Y

- 8 SECTIONS
- 55 BRANCHES



FRONT VIEW



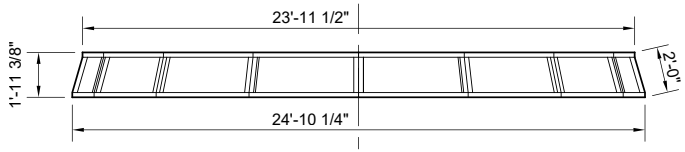
FRAME SECTION

FRAME TOP VIEW

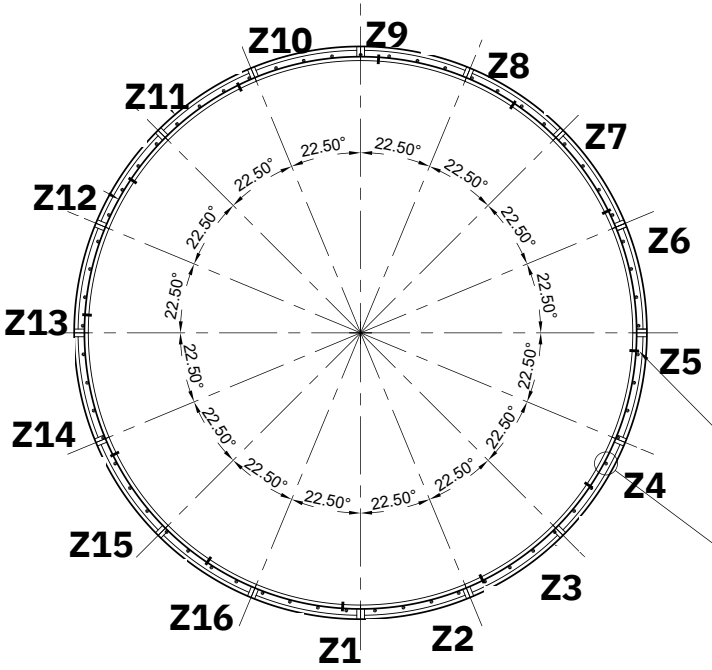
BARREL - Z

- 16 SECTIONS

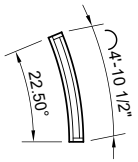
- 57 BRANCHES



FRONT VIEW



FRAME TOP VIEW



FRAME SECTION

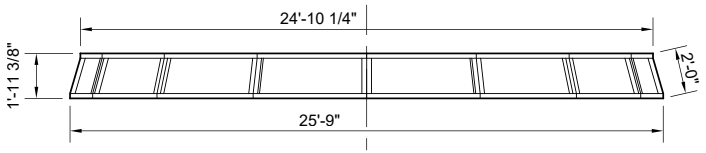
STEEL CLAMP PLATE
EVENLY SPACED (SEE DETAIL)
QUANTITY: 12

BRANCH HOLDER
QUANTITY: 57

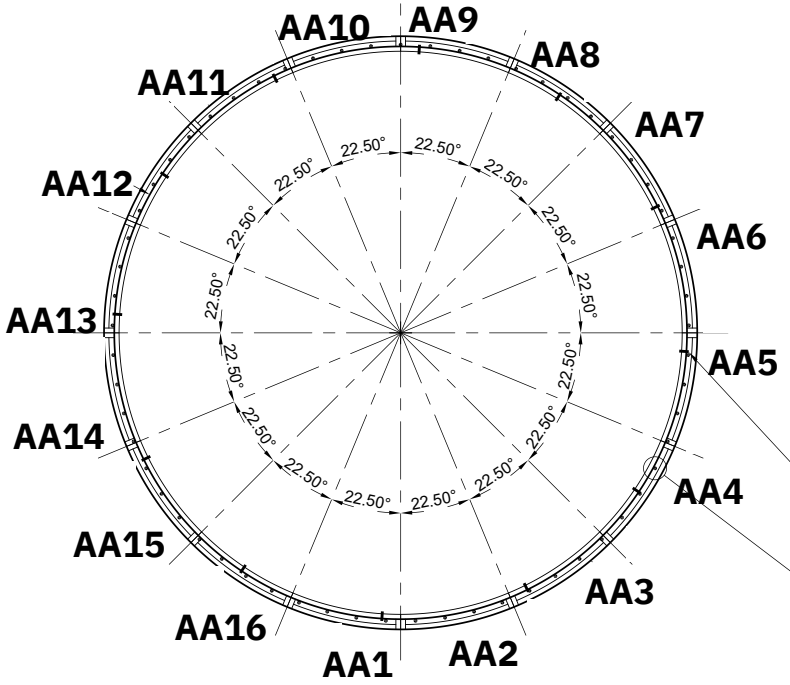
BARREL - AA

- 16 SECTIONS

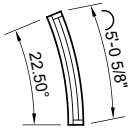
- 59 BRANCHES



FRONT VIEW



FRAME TOP VIEW



FRAME SECTION

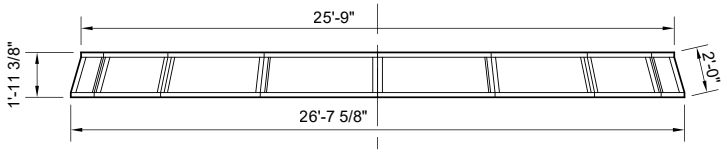
STEEL CLAMP PLATE
EVENLY SPACED (SEE DETAIL)
QUANTITY: 12

BRANCH HOLDER
QUANTITY: 59

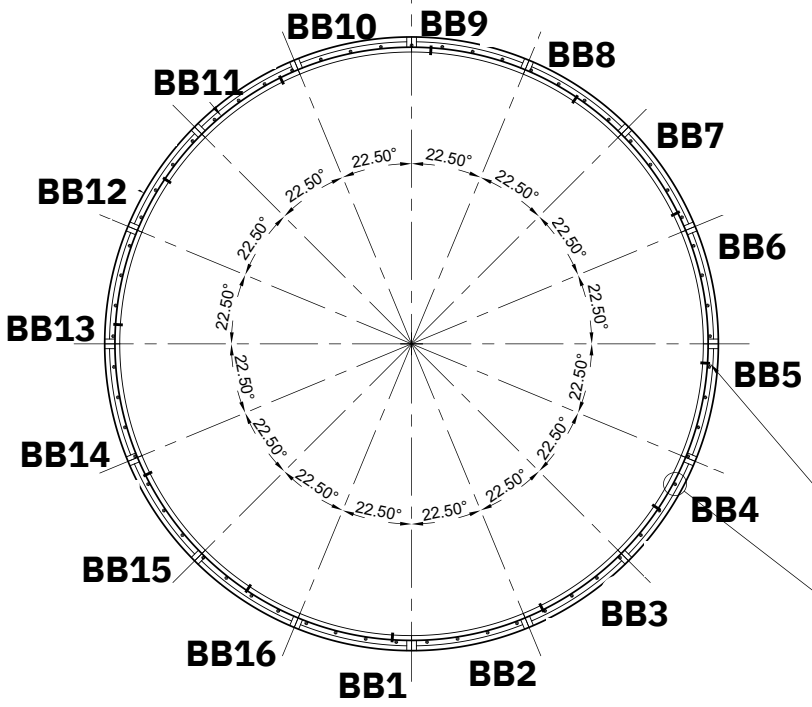
BARREL - BB

- 16 SECTIONS

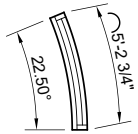
- 61 BRANCHES



FRONT VIEW



FRAME TOP VIEW



FRAME SECTION

STEEL CLAMP PLATE
EVENLY SPACED (SEE DETAIL)
QUANTITY: 12

BRANCH HOLDER
QUANTITY: 61