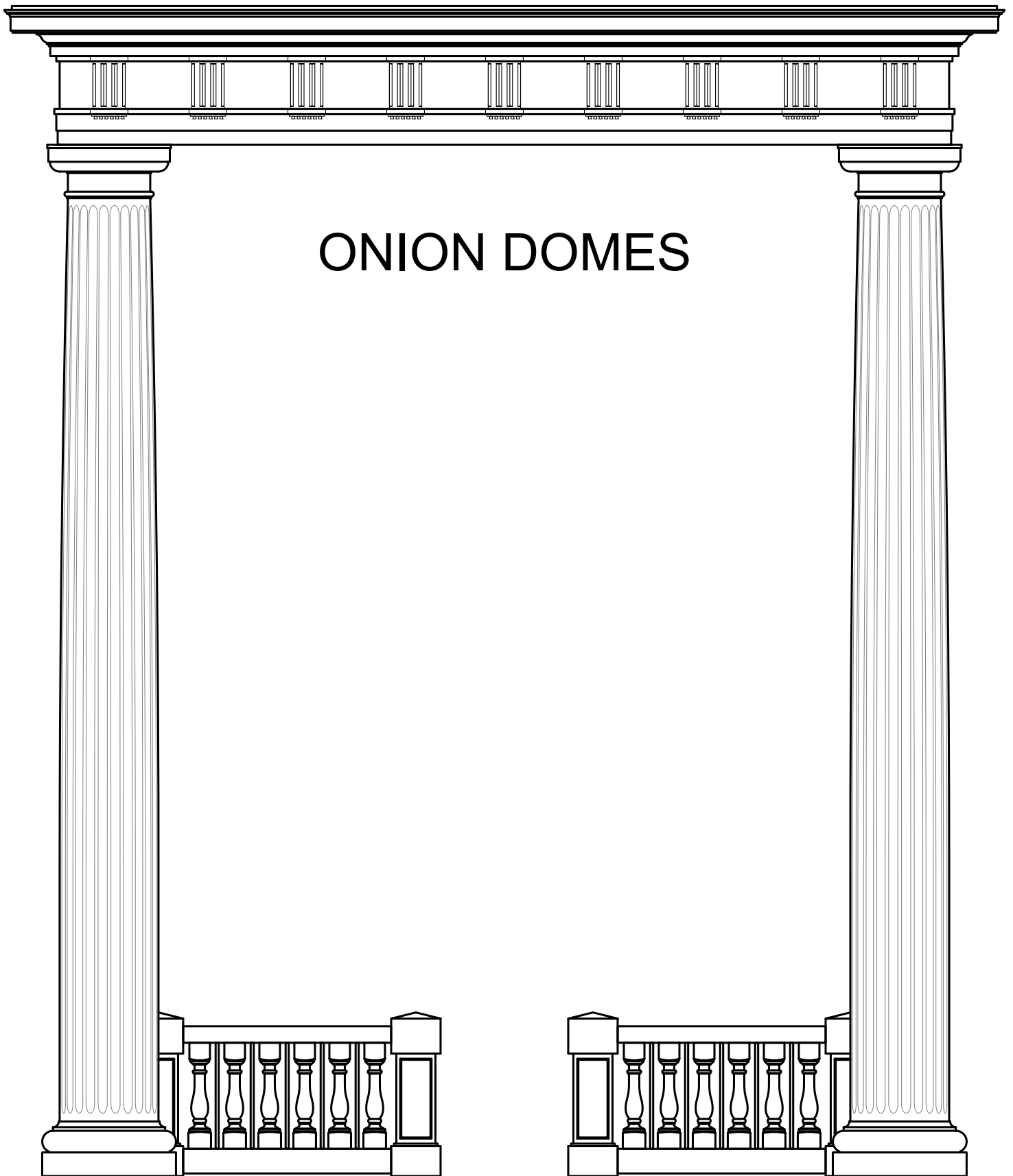




ONION DOMES



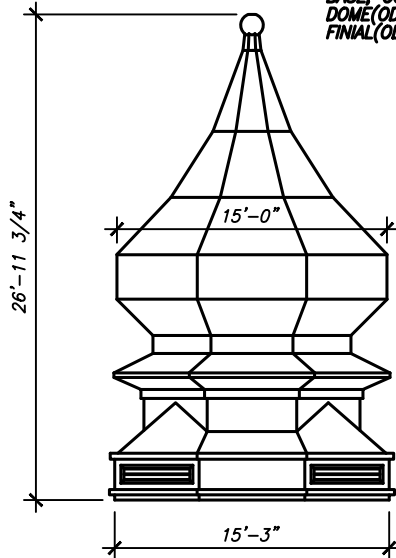
ARCHITECTURAL FIBERGLASS, INC.

8300 Bessemer Ave. * Cleveland, OH 44127-1839 * 216-641-8300 * Fax 216-641-8150 * www.fiberglass-afi.com

OD-101

HEIGHT: 26'-11 3/4"
WIDTH: 15'-0"
FOOTPRINT: 15'-3"
+ FACETED +
DOME SQ.FT.: 1486.84

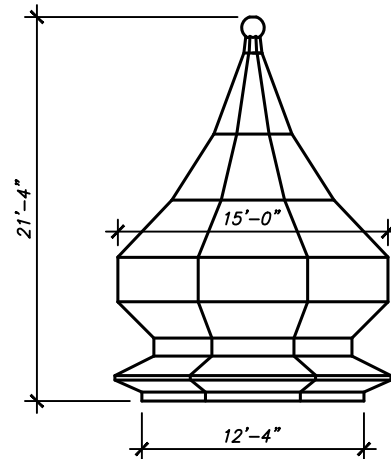
ORIGINAL JOB#: 836
OTHER JOB#: 836
SECTIONS QTY: 8
FLANGE WIDTH: 4"
4-PIECE ASSEMBLY SQ.FT.:
BASE, CENTER: 221.98
BASE, CORNER: 307.36
DOME(OD-102): 940.44
FINIAL(OD-102): 17.06



OD-102

HEIGHT: 21'-4"
WIDTH: 15'-0"
FOOTPRINT: 12'-4"
+ FACETED +
DOME SQ.FT.: 948.97

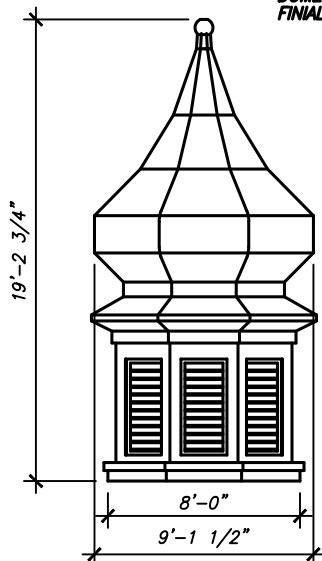
ORIGINAL JOB#: 836
OTHER JOB#: 836
SECTIONS QTY: 8
FLANGE WIDTH: 4"
2-PIECE ASSEMBLY SQ.FT.:
DOME: 940.44
FINIAL: 8.53



OD-103

HEIGHT: 19'-2 3/4"
WIDTH: 9'-1 1/2"
FOOTPRINT: 8'-0"
+ FACETED +
DOME SQ.FT.: 778.98

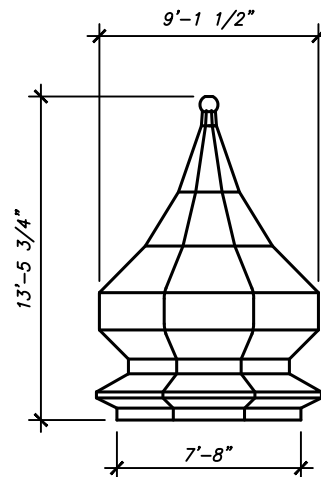
ORIGINAL JOB#: 836
OTHER JOB#: 836
SECTIONS QTY: 8
FLANGE WIDTH: 4"
4-PIECE ASSEMBLY SQ.FT.:
BASE: 210.32
LOUVER: 176.24
DOME(OD-104): 389.16
FINIAL(OD-104): 3.26



OD-104

HEIGHT: 13'-5 3/4"
WIDTH: 9'-1 1/2"
FOOTPRINT: 7'-8"
+ FACETED +
DOME SQ.FT.: 392.42

ORIGINAL JOB#: 836
OTHER JOB#: 2793
SECTIONS QTY: 8
FLANGE WIDTH: 4"
2-PIECE ASSEMBLY SQ.FT.:
DOME: 389.16
FINIAL: 3.26



ONION DOMES

SHEET NO.

OD-01

2025



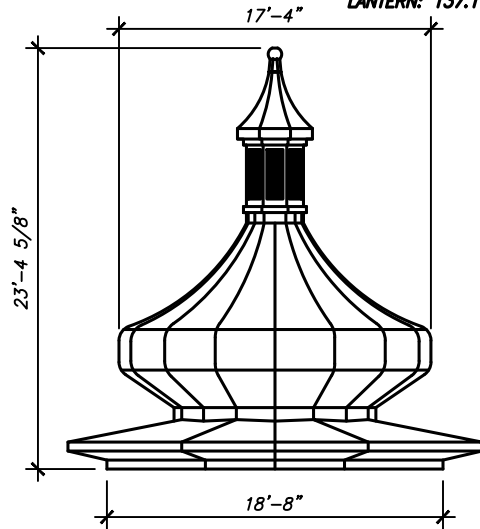
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OD-105

HEIGHT: 23'-4 5/8"
WIDTH: 17'-4"
FOOTPRINT: 18'-8"
+ FACETED +
DOME SQ.FT.: 1550.80

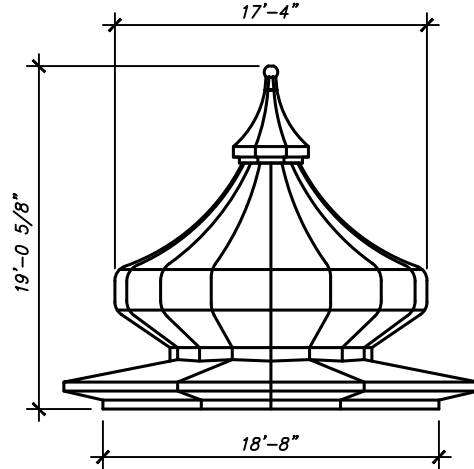
ORIGINAL JOB#: 839
OTHER JOB#: 943
SECTIONS QTY: 16
FLANGE WIDTH: 4"
4-PIECE ASSEMBLY SQ.FT.:
BASE: 672.72
BODY: 737.36
FINIAL: 3.56
LANTERN: 137.16



OD-106

HEIGHT: 19'-0 5/8"
WIDTH: 17'-4"
FOOTPRINT: 18'-8"
+ FACETED +
DOME SQ.FT.: 1477.84

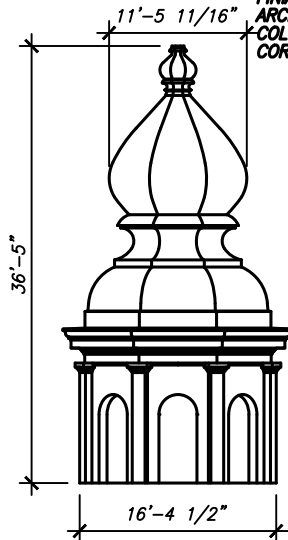
ORIGINAL JOB#: 839
OTHER JOB#: 943
SECTIONS QTY: 16
FLANGE WIDTH: 4"
4-PIECE ASSEMBLY SQ.FT.:
BASE(OD-105): 672.72
BODY(OD-105): 737.36
FINIAL(OD-105): 3.56
CAP: 64.20



OD-107

HEIGHT: 36'-5"
WIDTH: 11'-5 11/16"
FOOTPRINT: 16'-4 1/2"
+ FACETED +
DOME SQ.FT.: 2267.52

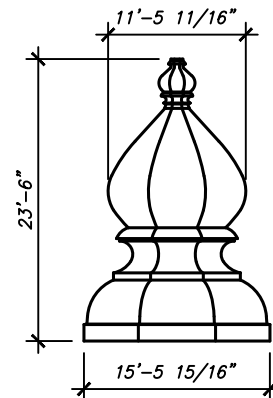
ORIGINAL JOB #: 965
OTHER JOB #: 965
SECTIONS QTY: 8
FLANGE WIDTH: 6"
6-PIECE ASSEMBLY SQ.FT.:
BASE: 400.48
BODY: 723.48
FINIAL: 61.60
ARCH: 388.48
COLUMN: 236.16
CORNICE: 457.32



OD-108

HEIGHT: 23'-6"
WIDTH: 11'-5 11/16"
FOOTPRINT: 15'-5 15/16"
+ FACETED +
DOME SQ.FT.: 1185.56

ORIGINAL JOB #: 965
OTHER JOB #: 965
SECTIONS QTY: 8
FLANGE WIDTH: 6"
3-PIECE ASSEMBLY SQ.FT.:
BASE(OD-107): 400.48
BODY(OD-107): 723.48
FINIAL(OD-107): 61.60



ONION DOMES

SHEET NO.

OD-02

2025



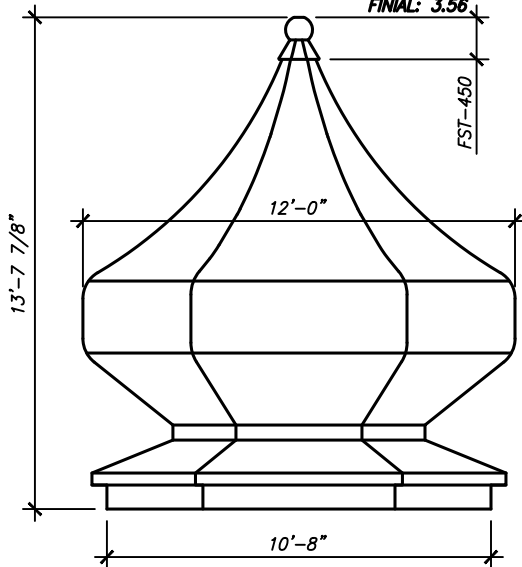
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OD-109

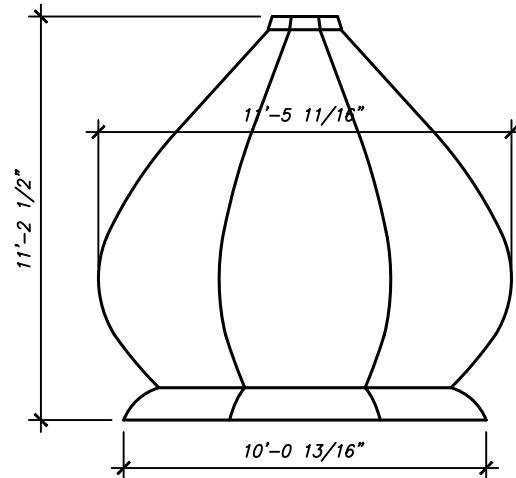
HEIGHT: 13'-7 7/8"
 WIDTH: 12'-0"
 FOOTPRINT: 10'-8"
 + FACETED +, DOME SQ.FT.: 581.64

ORIGINAL JOB #: 839
 OTHER JOB #:
 SECTIONS QTY: 8
 FLANGE WIDTH: 3"
 2-PIECE ASSEMBLY SQ.FT.:
 BODY: 578.08
 FINAL: 3.56

**OD-110**

HEIGHT: 11'-2 1/2"
 WIDTH: 11'-5 11/16"
 FOOTPRINT: 10'-0 13/16"
 + FACETED +
 DOME SQ.FT.: 543.27

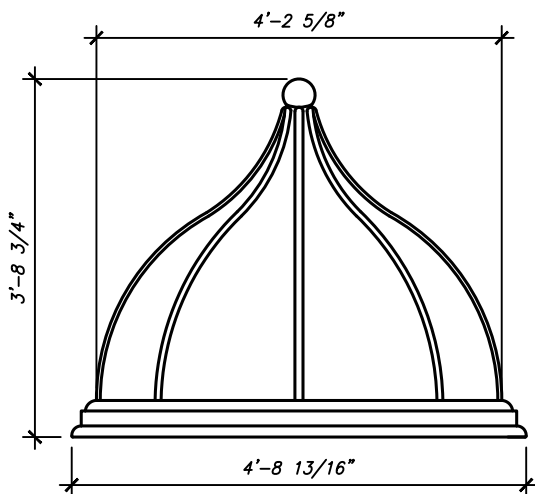
ORIGINAL JOB #: 965
 OTHER JOB #:
 SECTIONS QTY: 8
 FLANGE WIDTH: 6"
 2-PIECE ASSEMBLY SQ.FT.:
 BODY: 537.24
 CAP: 6.03

**OD-111**

HEIGHT: 3'-8 3/4"
 WIDTH: 4'-2 5/8"
 FOOTPRINT: 4'-8 13/16"
 DOME SQ.FT.: 48.96

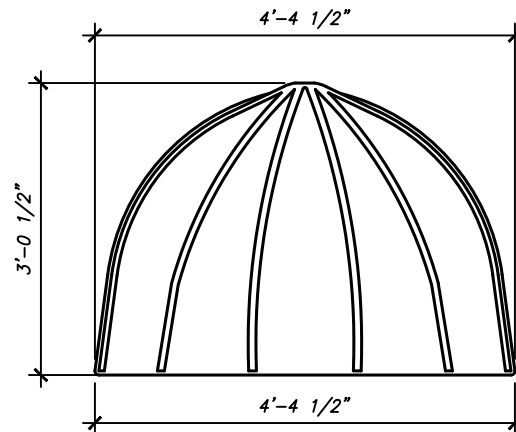
ORIGINAL JOB #: 1098
 OTHER JOB #:
 SECTIONS QTY: 8
 FLANGE WIDTH: 1 1/2"
 ASSEMBLY SQ.FT.:
 BODY: 48.96

seems low

**OD-112**

HEIGHT: 3'-0 1/2"
 WIDTH: 4'-4 1/2"
 FOOTPRINT: 4'-4 1/2"
 DOME SQ.FT.: 27.29

ORIGINAL JOB #: 1098
 OTHER JOB #:
 SECTIONS QTY: 14
 FLANGE WIDTH: 1 1/2"
 ASSEMBLY SQ.FT.:
 BODY(HALF-DOME): 27.29



ONION DOMES

SHEET NO.

OD-03

2025



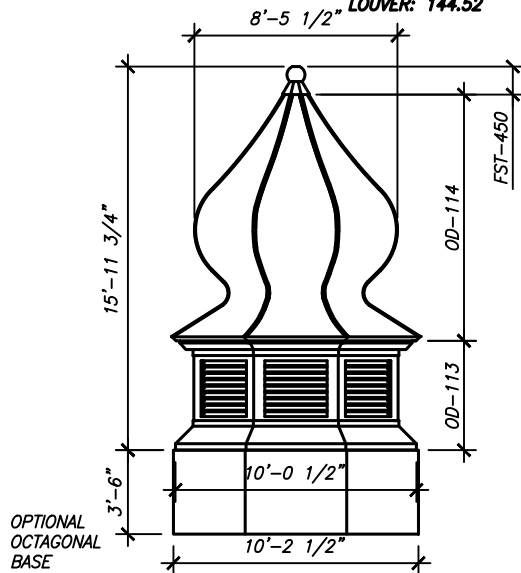
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OD-113

HEIGHT: 15'-11 3/4"
WIDTH: 10'-0 1/2"
FOOTPRINT: 10'-0 1/2"
+ FACETED +
~~DOME SQ.FT.: 756.04~~

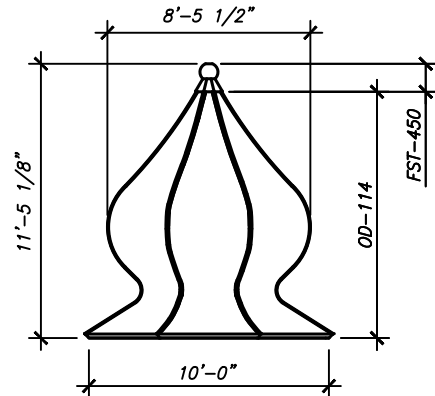
ORIGINAL JOB #: 837
OTHER JOB #: 1877, 1064,
SECTIONS QTY: 8
FLANGE WIDTH: 4"
3-PIECE ASSEMBLY SQ.FT.:
BODY(OD-114): 385.56
BASE: 225.96
LOUVER: 144.52



OD-114

HEIGHT: 11'-5 1/8"
WIDTH: 8'-5 1/2"
FOOTPRINT: 10'-0"
+ FACETED +
DOME SQ.FT.: 385.56

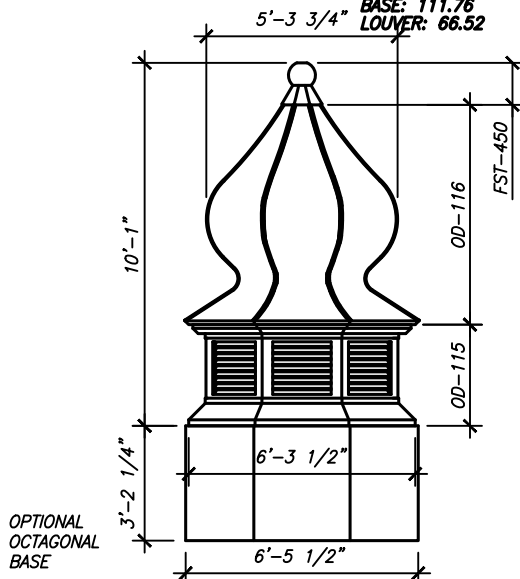
ORIGINAL JOB #: 837
OTHER JOB #: 1064, 1144
SECTIONS QTY: 8
FLANGE WIDTH: 4"
ASSEMBLY SQ.FT.:
BODY: 385.56



OD-115

HEIGHT: 10'-1"
WIDTH: 5'-3 3/4"
FOOTPRINT: 6'-3 1/2"
+ FACETED +
~~DOME SQ.FT.: 313.56~~

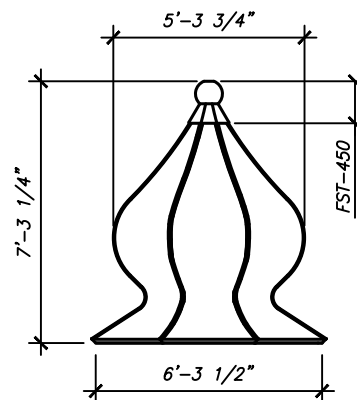
ORIGINAL JOB #: 837
OTHER JOB #: 1064, 1877,
OTHER JOB #: 2334
SECTIONS QTY: 8
FLANGE WIDTH: 3"
3-PIECE ASSEMBLY SQ.FT.:
BODY(OD-116): 135.28
BASE: 111.76
LOUVER: 66.52



OD-116

HEIGHT: 7'-3 1/4"
WIDTH: 5'-3 3/4"
FOOTPRINT: 6'-3 1/2"
+ FACETED +
DOME SQ.FT.: 135.28

ORIGINAL JOB #: 837
OTHER JOB #: 1064
SECTIONS QTY: 8
FLANGE WIDTH: 3"
ASSEMBLY SQ.FT.:
BODY: 135.28



ONION DOMES

SHEET NO.

OD-04

2025



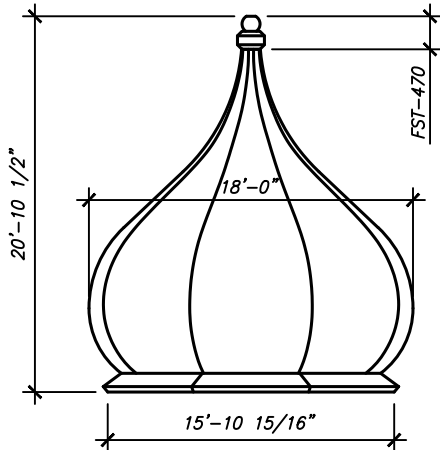
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OD-117

HEIGHT: 21'-6 1/2"
WIDTH: 18'-0"
FOOTPRINT: 15'-10 15/16"
DOME SQ.FT.: 973.28

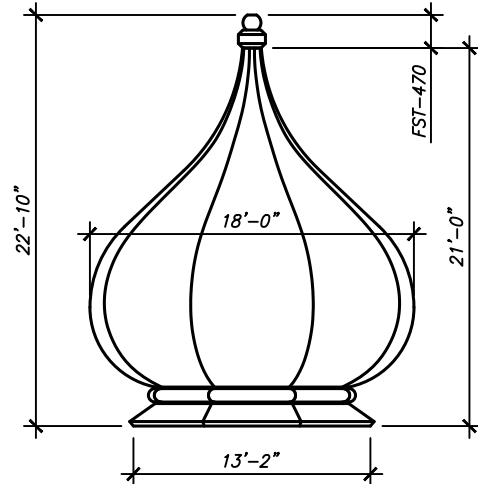
ORIGINAL JOB #: 872
OTHER JOB #:
SECTIONS QTY: 8
FLANGE WIDTH: 6" ?
ASSEMBLY SQ.FT.:
BODY: 973.28



OD-118

HEIGHT: 23'-6"
WIDTH: 18'-0"
FOOTPRINT: 13'-2"
DOME SQ.FT.: 1126.40

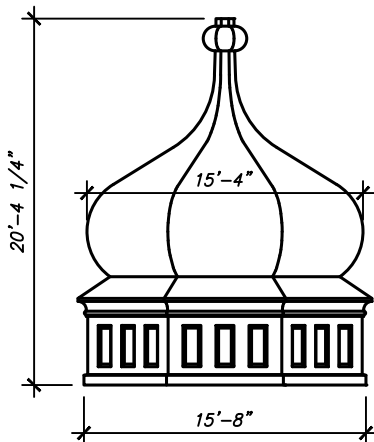
ORIGINAL JOB #: 876
OTHER JOB #:
SECTIONS QTY: 8
FLANGE WIDTH: 4"
ASSEMBLY SQ.FT.:
BODY: 1126.40



OD-119

HEIGHT: 20'-4 1/4"
WIDTH: 15'-4"
FOOTPRINT: 15'-8"
+ FACETED +
DOME SQ.FT.: 1116.43

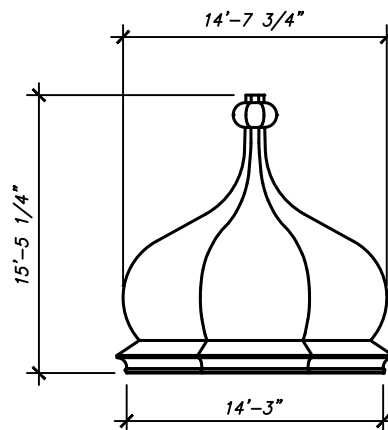
ORIGINAL JOB #: 854
OTHER JOB #:
SECTIONS QTY: 8
FLANGE WIDTH: 4"
3-PIECE ASSEMBLY SQ.FT.:
BODY(OD-120): 770.88
FINIAL(OD-120): 18.11
BASE: 327.44



OD-120

HEIGHT: 15'-5 1/4"
WIDTH: 14'-7 3/4"
FOOTPRINT: 14'-3"
+ FACETED +
DOME SQ.FT.: 788.99

ORIGINAL JOB #: 854
OTHER JOB #: 1294
SECTIONS QTY: 8
FLANGE WIDTH: 4"
2-PIECE ASSEMBLY SQ.FT.:
BODY: 770.88
FINIAL: 18.11



ONION DOMES

SHEET NO.

OD-05

2025



ARCHITECTURAL FIBERGLASS, INC.

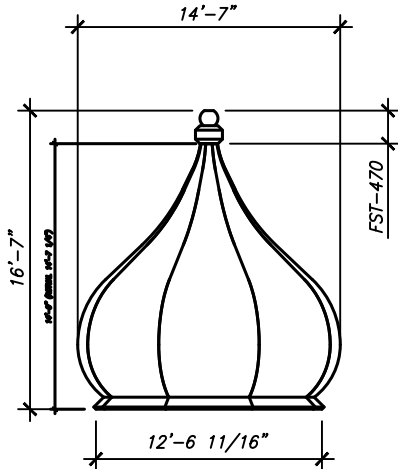
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OD-121

HEIGHT: 17'-1 1/4"
WIDTH: 14'-7"
FOOTPRINT: 12'-6 11/16"
DOME SQ.FT.: 575.061

ORIGINAL JOB #: 849
OTHER JOB #: 2090, 2483,
2763, 2869
SECTIONS QTY: 8
FLANGE WIDTH: 3"
ASSEMBLY SQ.FT.:
BODY: 575.061
MUST USE A AND B MOLD

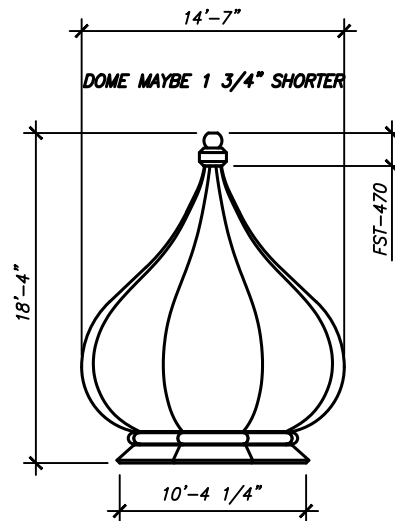
ONE IS WRONG?



OD-122

HEIGHT: 19'-0"
WIDTH: 14'-7"
FOOTPRINT: 10'-4 1/4"
DOME SQ.FT.: 768.20

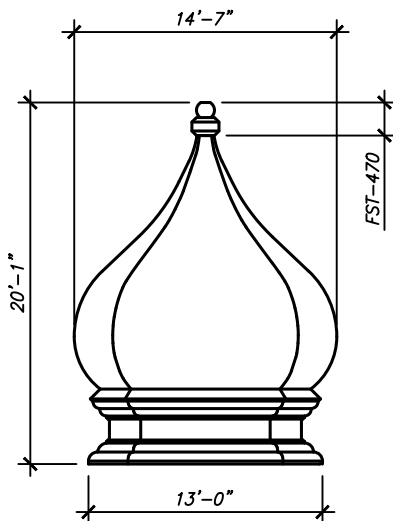
ORIGINAL JOB #: 876
OTHER JOB #: 967, 3124, 32
SECTIONS QTY: 8
FLANGE WIDTH: 4"
ASSEMBLY SQ.FT.:
BODY: 768.20



OD-123

HEIGHT: 20'-1 1/4"
WIDTH: 14'-7"
FOOTPRINT: 13'-0"
DOME SQ.FT.: 812.66

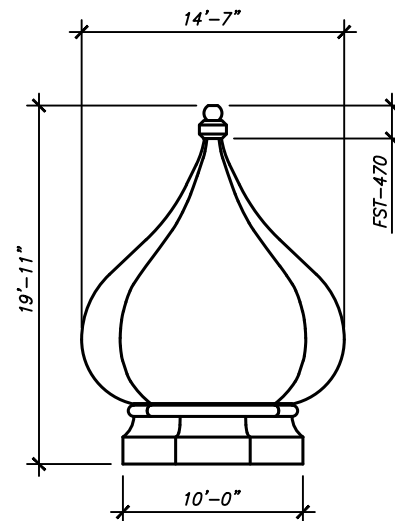
ORIGINAL JOB #: 852
OTHER JOB #: 946, 2483
SECTIONS QTY: 4
FLANGE WIDTH: 3"
2-PIECE ASSEMBLY SQ.FT.:
BODY(OD-121): 575.06
BASE: 237.60



OD-124

HEIGHT: 20'-7"
WIDTH: 14'-7"
FOOTPRINT: 10'-0"
DOME SQ.FT.: 765.22

ORIGINAL JOB #: 868
OTHER JOB #:
SECTIONS QTY: 4
FLANGE WIDTH: 4"
2-PIECE ASSEMBLY SQ.FT.:
BODY: 619.34
BASE: 145.88



ONION DOMES

SHEET NO.

OD-06

2025



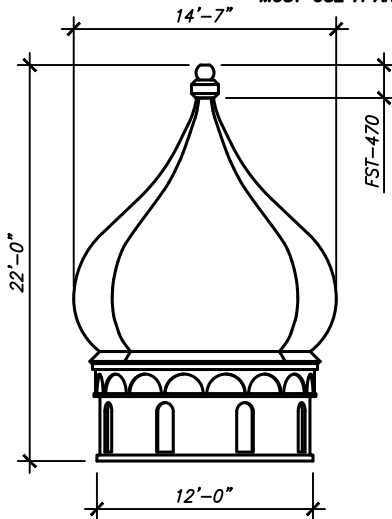
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OD-125

HEIGHT: 22'-0"
WIDTH: 14'-7"
FOOTPRINT: 12'-0"
DOME SQ.FT.: 950.38

ORIGINAL JOB #: 1119
OTHER JOB #: 2291, 2763, 2
SECTIONS QTY: 4
FLANGE WIDTH: 3"
2-PIECE ASSEMBLY SQ.FT.:
BODY(OD-121): 575.06
BASE: 375.320 (needs
checked, should be 300ish)
MUST USE A AND B MOLD

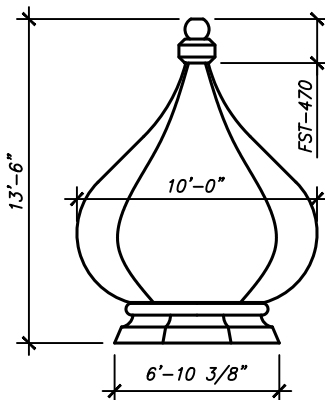


OD-126 IS DISCONTINUED

OD-127

HEIGHT: 13'-6"
WIDTH: 10'-0"
FOOTPRINT: 6'-10 3/8"
DOME SQ.FT.: 358.84

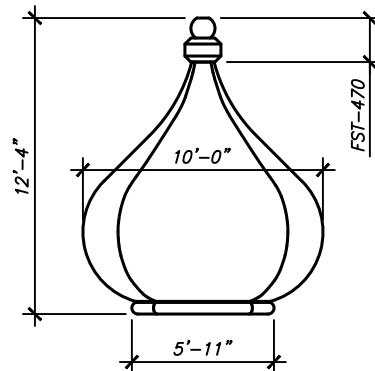
ORIGINAL JOB #: 845
OTHER JOB #: 862, 1019, 1276,
OTHER JOB #: 1301, 1390, 1571,
OTHER JOB #: 1820, 1919, 2683,
OTHER JOB #:
SECTIONS QTY: 4
FLANGE WIDTH: 4" ?
ASSEMBLY SQ.FT.:
BODY: 358.84



OD-128

HEIGHT: 12'-4"
WIDTH: 10'-0"
FOOTPRINT: 5'-11"
DOME SQ.FT.: 308.96

ORIGINAL JOB #: 868
OTHER JOB #: 946, 2869, 3046,
OTHER JOB #: 3265-1,
SECTIONS QTY: 4
FLANGE WIDTH: 3"
ASSEMBLY SQ.FT.:
BODY: 308.96



ONION DOMES

SHEET NO.

OD-07

2025



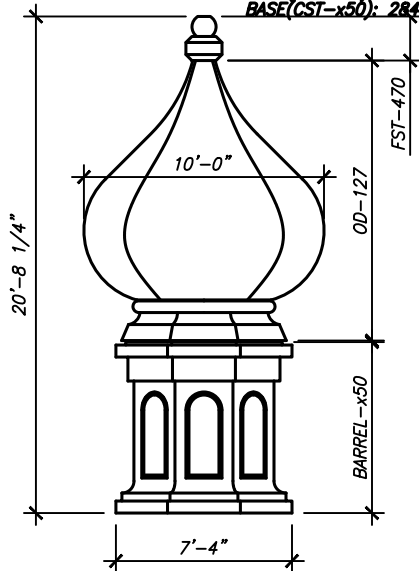
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OD-129

HEIGHT: 20'-8 1/4"
WIDTH: 10'-0"
FOOTPRINT: 7'-4"
DOME SQ.FT.: 643.76

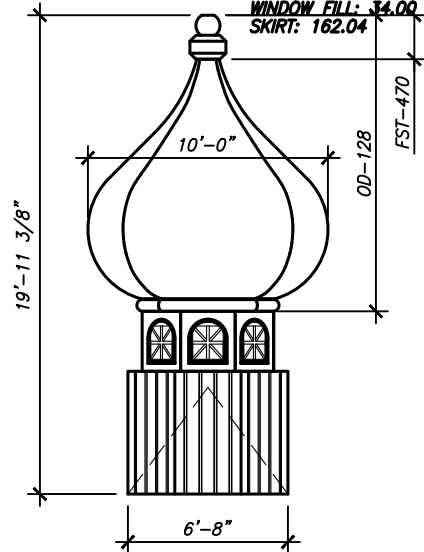
ORIGINAL JOB #: 1148
OTHER JOB #: 2214, 3265
SECTIONS QTY: 4
FLANGE WIDTH: 4" ?
2-PIECE ASSEMBLY SQ.FT.:
BODY(OD-127): 308.96
BASE(CST-x50): 284.92



OD-130

HEIGHT: 19'-11 3/8"
WIDTH: 10'-0"
FOOTPRINT: 6'-8"
DOME SQ.FT.: 559.12

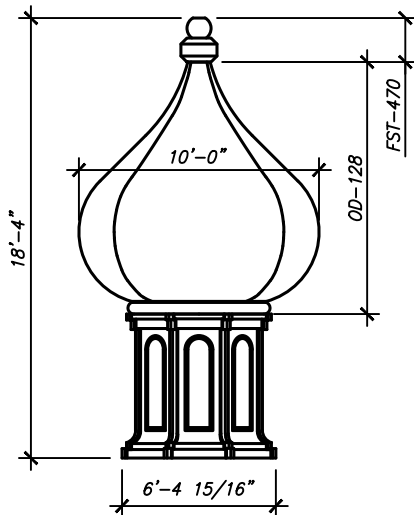
ORIGINAL JOB #: 865
OTHER JOB #:
SECTIONS QTY: 4
FLANGE WIDTH: 4" ?
4-PIECE ASSEMBLY SQ.FT.:
BODY(OD-128): 308.96
BASE: 54.12
WINDOW FILL: 14.00
SKIRT: 162.04



OD-131

HEIGHT: 18'-4"
WIDTH: 10'-0"
FOOTPRINT: 6'-4 15/16"
DOME SQ.FT.: 493.64

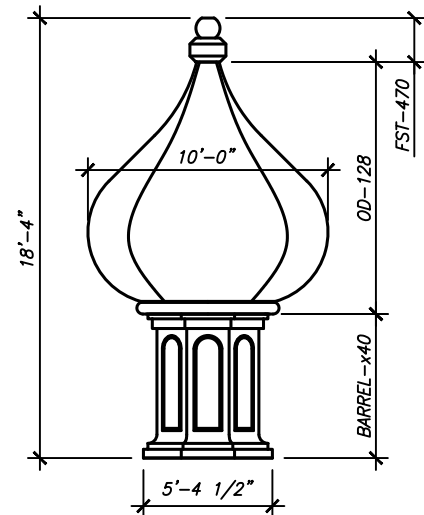
ORIGINAL JOB #: 902
OTHER JOB #:
SECTIONS QTY: 4
FLANGE WIDTH: 4" ?
2-PIECE ASSEMBLY SQ.FT.:
BODY(OD-128): 308.96
BASE: 184.68



OD-132

HEIGHT: 18'-4"
WIDTH: 10'-0"
FOOTPRINT: 5'-4 1/2"
DOME SQ.FT.: 469.08

ORIGINAL JOB #: 1168
OTHER JOB #:
SECTIONS QTY: 4
FLANGE WIDTH: 4" ?
2-PIECE ASSEMBLY SQ.FT.:
BODY(OD-128): 308.96
BASE(CST-x40): 160.12



ONION DOMES

SHEET NO.

OD-08

2025



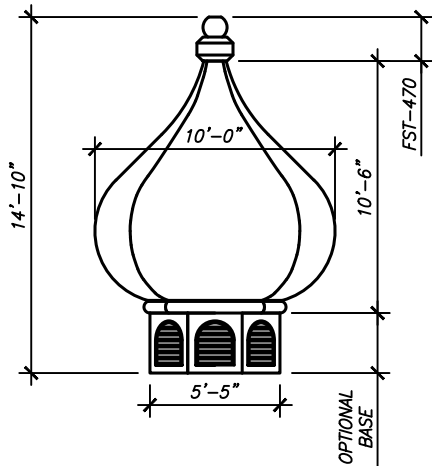
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OD-133

HEIGHT: 14'-10"
WIDTH: 10'-0"
FOOTPRINT: 5'-5"
DOME SQ.FT.: 394.16

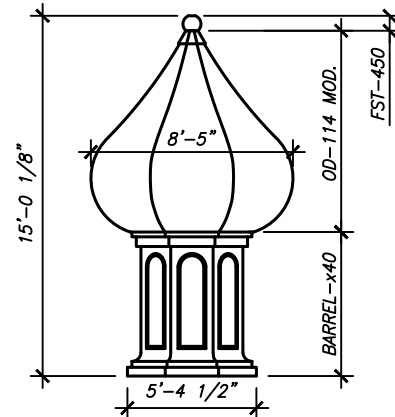
ORIGINAL JOB #: 838
OTHER JOB #: 891, 1448
1816, 2156, 3062
SECTIONS QTY: 4
FLANGE WIDTH: 6"
2-PIECE ASSEMBLY SQ.FT.:
BODY(OD-128): 308.96
BASE: 85.20



OD-134

HEIGHT: 15'-0 1/8"
WIDTH: 8'-5"
FOOTPRINT: 5'-4 1/2"
+ FACETED +
DOME SQ.FT.: 428.84

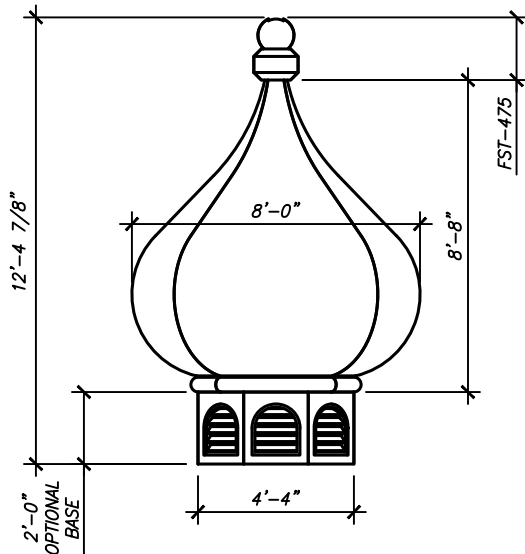
ORIGINAL JOB #: 889
OTHER JOB #: 899, 917, 1406
SECTIONS QTY: 8
FLANGE WIDTH: 4" ?
2-PIECE ASSEMBLY SQ.FT.:
BODY: 244.160
BASE(OD-131): 184.68



OD-169

HEIGHT: 12'-4 7/8"
WIDTH: 8'-0"
FOOTPRINT: 4'-4"
DOME SQ.FT.: 306.58

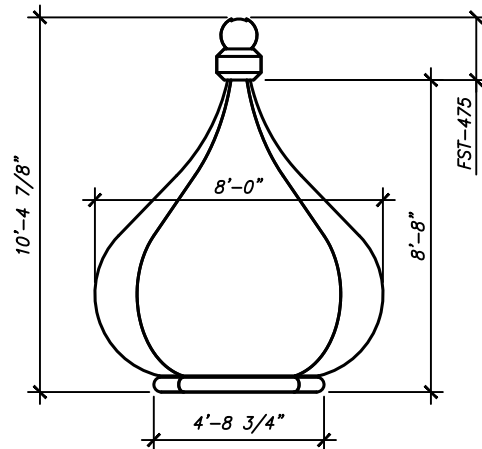
ORIGINAL JOB #: 2043
OTHER JOB #: 2308, 2689
SECTIONS QTY: 4
FLANGE WIDTH: 4"
2-PIECE ASSEMBLY SQ.FT.:
BODY(OD-170): 211.86
BASE: 94.72



OD-170

HEIGHT: 10'-4 7/8"
WIDTH: 8'-0"
FOOTPRINT: 4'-8 3/4"
DOME SQ.FT.: 211.86

ORIGINAL JOB #: 2043
OTHER JOB #: 2308, 2689
OTHER JOB #: 3348
SECTIONS QTY: 4
FLANGE WIDTH: 4"
ASSEMBLY SQ.FT.:
BODY: 211.86



ONION DOMES

SHEET NO.

OD-09

2025



ARCHITECTURAL FIBERGLASS, INC.

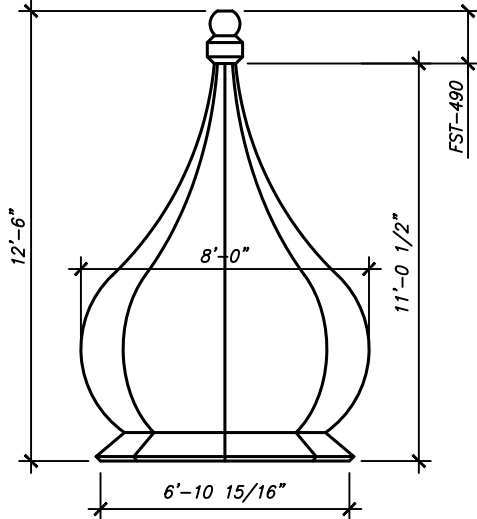
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www.fiberglass-afi.com

OD-135

HEIGHT: 12'-6"
 WIDTH: 8'-0"
 FOOTPRINT: 6'-10 15/16"
 DOME SQ.FT.: 266.20

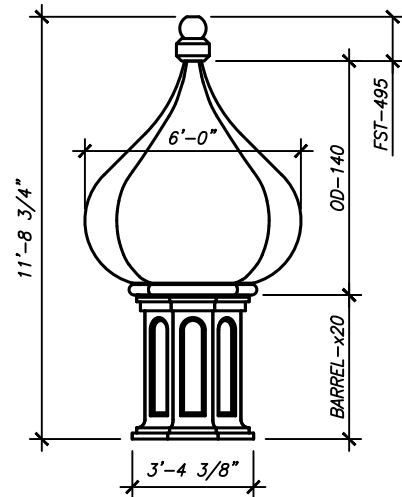
ORIGINAL JOB #: 872
 OTHER JOB #: 2005, 2230
 OTHER JOB #: 3317
 SECTIONS QTY: 8 (VERIFIED)
 FLANGE WIDTH: 3"
 ASSEMBLY SQ.FT.:
 BODY: 266.20

drawing appears to show 8 sections but says 4 sections?
 VERIFIED 8 SECTIONS ON 5/10/23 - SWP

**OD-136**

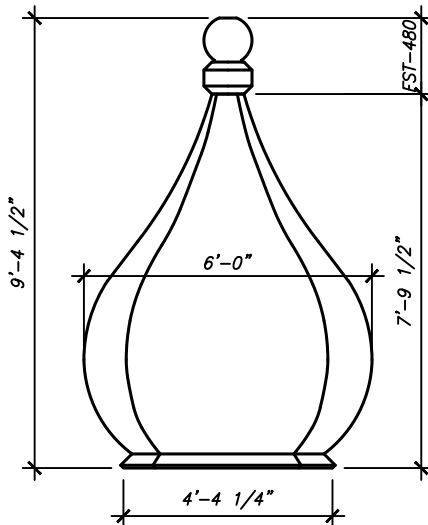
HEIGHT: 11'-8 3/4"
 WIDTH: 6'-0"
 FOOTPRINT: 3'-4 3/8"
 DOME SQ.FT.: 187.80

ORIGINAL JOB #: 1168
 OTHER JOB #:
 SECTIONS QTY: 4
 FLANGE WIDTH: 3" ?
 2-PIECE ASSEMBLY SQ.FT.:
 BODY (OD-140): 114.72
 BASE (CST-x20): 73.08

**OD-137**

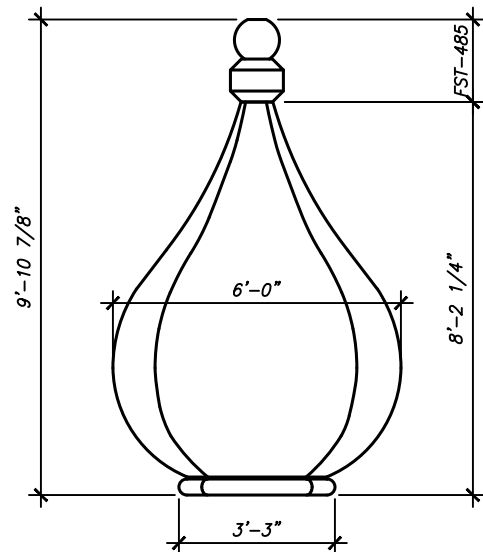
HEIGHT: 9'-4 1/2"
 WIDTH: 6'-0"
 FOOTPRINT: 4'-4 1/4"
 DOME SQ.FT.: 132.66

ORIGINAL JOB #: 863
 OTHER JOB #: 887, 946
 OTHER JOB #: 1088, 1828
 SECTIONS QTY: 4
 FLANGE WIDTH: 3"
 ASSEMBLY SQ.FT.:
 BODY: 132.66

**OD-138**

HEIGHT: 9'-10 7/8"
 WIDTH: 6'-0"
 FOOTPRINT: 3'-3"
 DOME SQ.FT.: 138.84

ORIGINAL JOB #: 868
 OTHER JOB #:
 SECTIONS QTY: 4
 FLANGE WIDTH: 3"
 ASSEMBLY SQ.FT.:
 BODY: 138.84



ONION DOMES

SHEET NO.

OD-10

2025

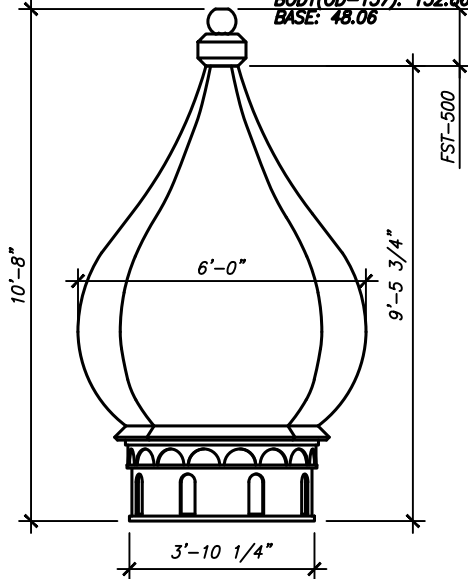
**ARCHITECTURAL FIBERGLASS, INC.**

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OD-139

HEIGHT: 10'-8"
WIDTH: 6'-0"
FOOTPRINT: 3'-10 1/4"
DOME SQ.FT.: 180.72

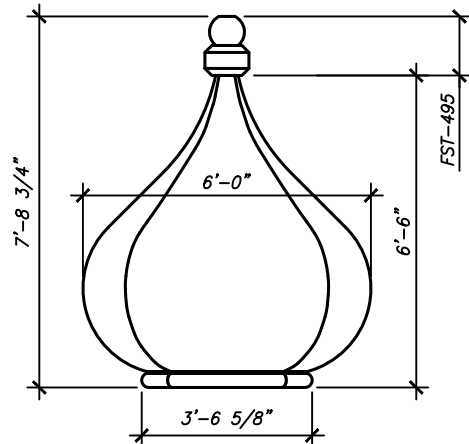
ORIGINAL JOB #: 1119
OTHER JOB #: 2952
SECTIONS QTY: 4
FLANGE WIDTH: 3"
2-PIECE ASSEMBLY SQ.FT.:
BODY (OD-137): 132.66
BASE: 48.06



OD-140

HEIGHT: 7'-8 3/4"
WIDTH: 6'-0"
FOOTPRINT: 3'-6 5/8"
DOME SQ.FT.: 114.72
FINAL SQ.FT.: 3.76

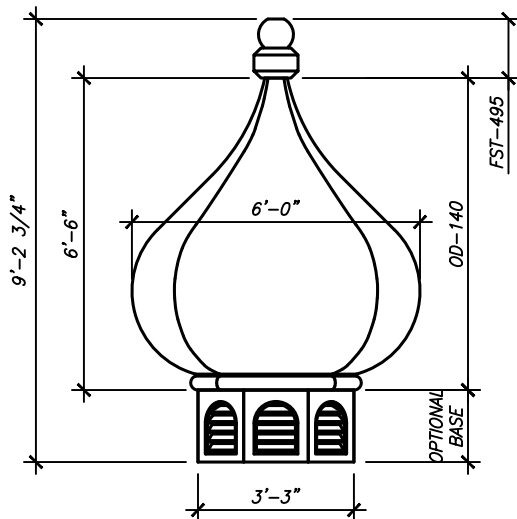
ORIGINAL JOB #: 904
OTHER JOB #: 1084, 1545
OTHER JOB #: 1625, 1688
OTHER JOB #: 1945, 2043
2480, 2483, 2514, 2595,
2783, 2869, 3046
SECTIONS QTY: 4
FLANGE WIDTH: 3"
ASSEMBLY SQ.FT.:
BODY: 118.60



OD-171

HEIGHT: 9'-2 3/4"
WIDTH: 6'-0"
FOOTPRINT: 3'-3"
DOME SQ.FT.: 171.48
FINAL SQ.FT.: 3.75

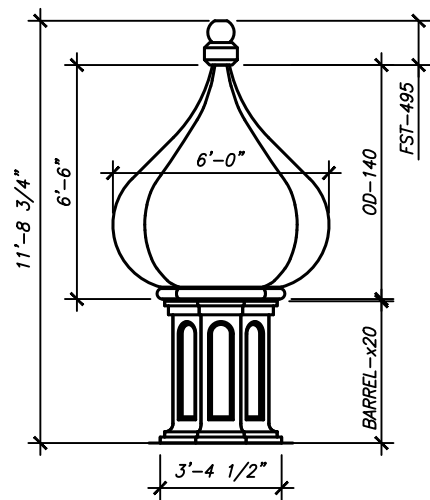
ORIGINAL JOB #: 2043
OTHER JOB #: 2387, 2483
OTHER JOB #: 2535
SECTIONS QTY: 4
FLANGE WIDTH: 3"
2-PIECE ASSEMBLY SQ.FT.:
BODY (OD-140): 118.60
BASE: 52.88



OD-141

HEIGHT: 11'-8 3/4"
WIDTH: 6'-0"
FOOTPRINT: 3'-4 1/2"
DOME SQ.FT.: 187.60

ORIGINAL JOB #: 1301
OTHER JOB #: 3124
SECTIONS QTY: 4
FLANGE WIDTH: 4"
2-PIECE ASSEMBLY SQ.FT.:
BODY (OD-140): 114.72
BASE: 73.08



ONION DOMES

SHEET NO.

OD-11

2025



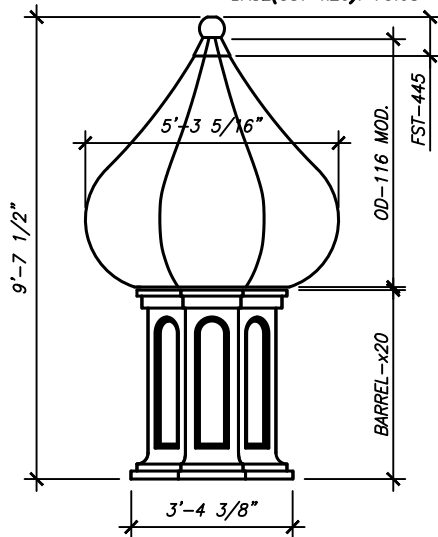
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OD-142

HEIGHT: 9'-7 1/2"
WIDTH: 5'-3 5/16"
FOOTPRINT: 3'-4 3/8"
+ FACETED +
DOME SQ.FT.: 177.40

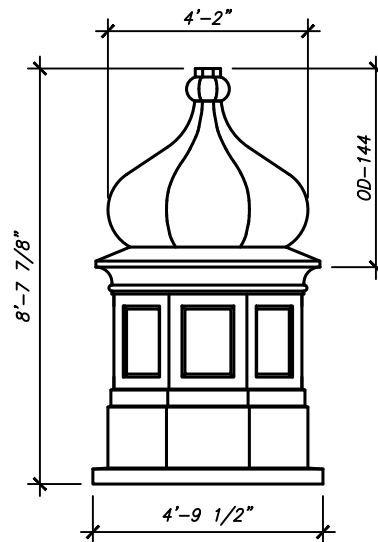
ORIGINAL JOB #: 889
OTHER JOB #: 899, 917, 1118
1406, 1655, 2465, 3079
SECTIONS QTY: 8
FLANGE WIDTH: 3"
2-PIECE ASSEMBLY SQ.FT.:
BODY: 104.32
BASE(CST-x20): 73.08



OD-143

HEIGHT: 8'-7 7/8"
WIDTH: 4'-2"
FOOTPRINT: 4'-9 1/2"
+ FACETED +
DOME SQ.FT.: 152.30

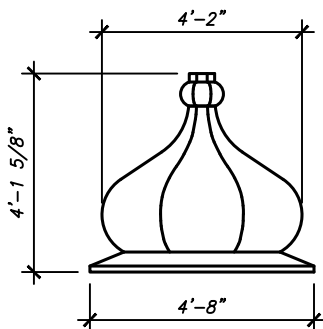
ORIGINAL JOB #: 854
OTHER JOB #: 1655
SECTIONS QTY: 8
FLANGE WIDTH: 3"
2-PIECE ASSEMBLY SQ.FT.:
BODY AND DOME: 147.62
FINAL: 4.68



OD-144

HEIGHT: 4'-1 5/8"
WIDTH: 4'-2"
FOOTPRINT: 4'-8"
+ FACETED +
DOME SQ.FT.: 66.78

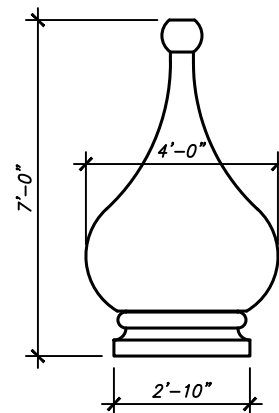
ORIGINAL JOB #: 854
OTHER JOB #: 1655, 2480
SECTIONS QTY: 8
FLANGE WIDTH: 3"
2-PIECE ASSEMBLY SQ.FT.:
BODY: 62.10
FINAL: 4.68



OD-145

HEIGHT: 7'-0"
WIDTH: 4'-0"
FOOTPRINT: 2'-10"
DOME SQ.FT.: 64.80
DOME SQ.FT.: use 80

ORIGINAL JOB #: 841
OTHER JOB #: 842, 856, 859
OTHER JOB #: 893, 897, 1313
OTHER JOB #: 1319, 1435
2485, 2630, 2658, 3010
SECTIONS QTY: 2
FLANGE WIDTH: 3" ?
ASSEMBLY SQ.FT.:
BODY: 64.80



ONION DOMES

SHEET NO.

OD-12

2025



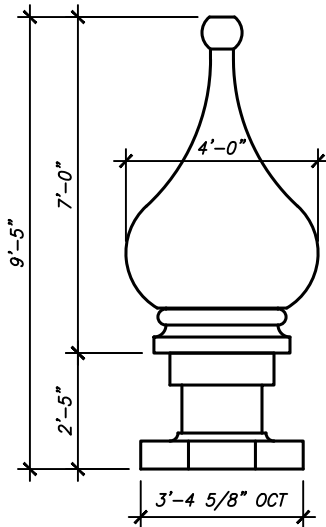
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OD-146

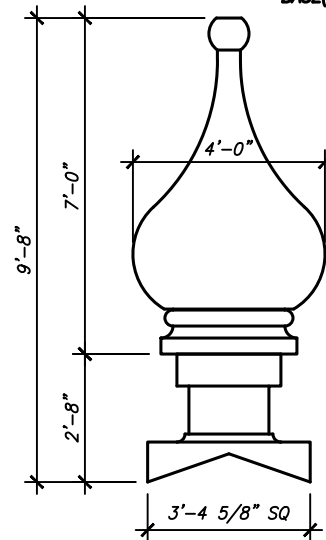
HEIGHT: 9'-5"
 WIDTH: 4'-0"
 FOOTPRINT: 3'-4 5/8" OCTAGONAL
 DOME SQ.FT.: 91.89

ORIGINAL JOB #: 841
 OTHER JOB #: 842, 856
 SECTIONS QTY: 2
 FLANGE WIDTH: 3" ?
 3-PIECE ASSEMBLY SQ.FT.:
 BODY(OD-145): 64.80
 COLUMN: 11.955
 BASE(OCTAGONAL): 15.135

OD-147

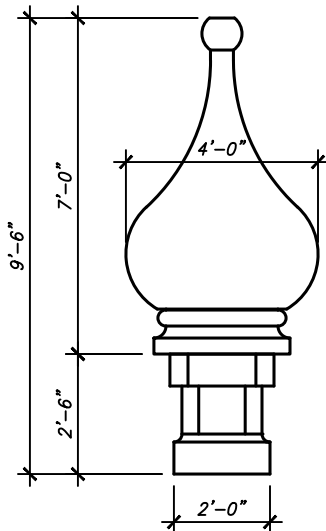
HEIGHT: 9'-8"
 WIDTH: 4'-0"
 FOOTPRINT: 3'-4 5/8" SQUARE
 DOME SQ.FT.: 96.535

ORIGINAL JOB #: 859
 OTHER JOB #: 2657
 SECTIONS QTY: 2
 FLANGE WIDTH: 3" ?
 3-PIECE ASSEMBLY SQ.FT.:
 BODY(OD-145): 64.80
 COLUMN(OD-146): 11.955
 BASE(SQUARE): 19.78

OD-148

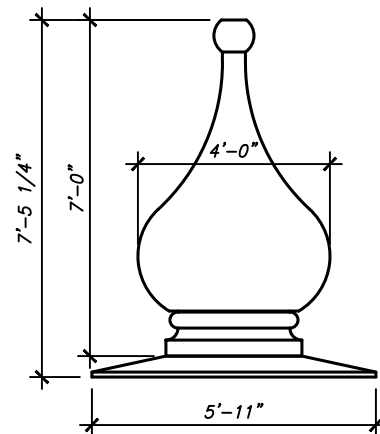
HEIGHT: 9'-6"
 WIDTH: 4'-0"
 FOOTPRINT: 2'-0"
 DOME SQ.FT.: 83.175

ORIGINAL JOB #: 1313
 OTHER JOB #: 1319
 SECTIONS QTY: 2
 FLANGE WIDTH: 3" ?
 3-PIECE ASSEMBLY SQ.FT.:
 BODY(OD-145): 64.80
 COLUMN(OD-146): 11.955
 BASE(2' DIA.): 6.42

OD-168

HEIGHT: 7'-5 1/4"
 WIDTH: 4'-0"
 FOOTPRINT: 5'-11"
 DOME SQ.FT.: 81.84

ORIGINAL JOB #: 868
 OTHER JOB #: 1623, 1624
 SECTIONS QTY: 2
 FLANGE WIDTH: 3" ?
 2-PIECE ASSEMBLY SQ.FT.:
 BODY(OD-145): 64.80
 BASE: 17.04



ONION DOMES

SHEET NO.

OD-13

2025

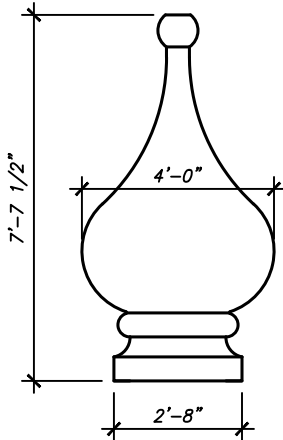
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OD-149

HEIGHT: 7'-7 1/2"
WIDTH: 4'-0"
FOOTPRINT: 2'-8"
DOME SQ.FT.: 69.42

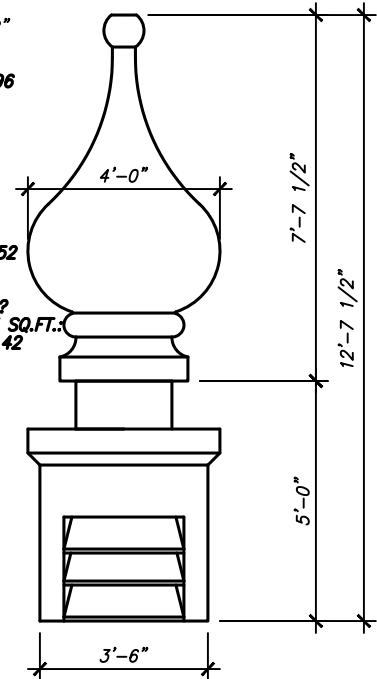
ORIGINAL JOB #: 852
OTHER JOB #: 902, 1210
OTHER JOB #: 2485, 2510
SECTIONS QTY: 2
FLANGE WIDTH: 3" ?
ASSEMBLY SQ.FT.:
BODY: 69.42



OD-150

HEIGHT: 12'-7 1/2"
WIDTH: 4'-0"
FOOTPRINT: 3'-6"
DOME SQ.FT.: 162.96

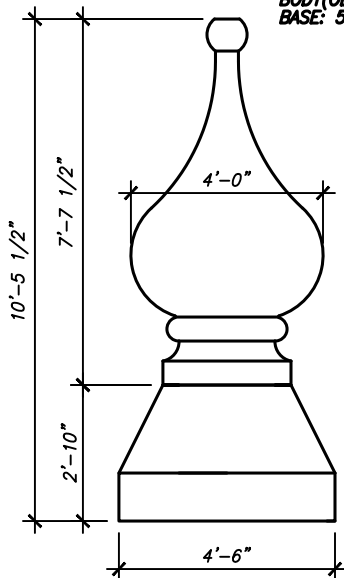
ORIGINAL JOB #: 852
OTHER JOB #:
SECTIONS QTY: 2
FLANGE WIDTH: 3" ?
2-PIECE ASSEMBLY SQ.FT.:
BODY(OD-149): 69.42
BASE: 93.54



OD-151

HEIGHT: 10'-5 1/2"
WIDTH: 4'-0"
FOOTPRINT: 4'-6"
DOME SQ.FT.: 126.73

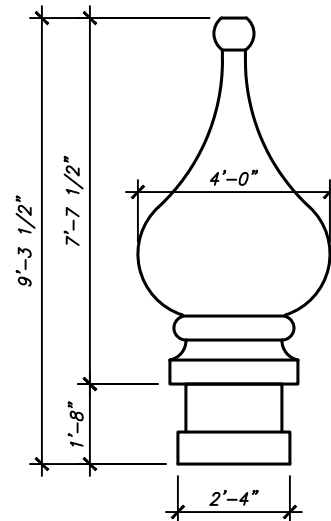
ORIGINAL JOB #: 902
OTHER JOB #:
SECTIONS QTY: 2
FLANGE WIDTH: 3" ?
2-PIECE ASSEMBLY SQ.FT.:
BODY(OD-149): 69.42
BASE: 57.31



OD-152

HEIGHT: 9'-3 1/2"
WIDTH: 4'-0"
FOOTPRINT: 2'-4"
DOME SQ.FT.: 83.115

ORIGINAL JOB #: 1210
OTHER JOB #:
SECTIONS QTY: 2
FLANGE WIDTH: 3" ?
2-PIECE ASSEMBLY SQ.FT.:
BODY(OD-149): 69.42
BASE: 13.695



ONION DOMES

SHEET NO.

OD-14

2025



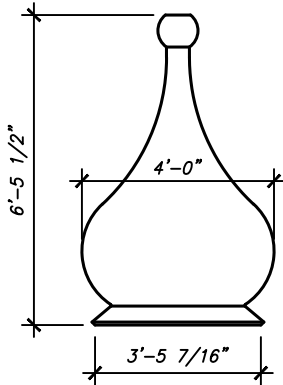
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OD-153

HEIGHT: 6'-5 1/2"
WIDTH: 4'-0"
FOOTPRINT: 3'-5 7/16"
DOME SQ.FT.: 59.15

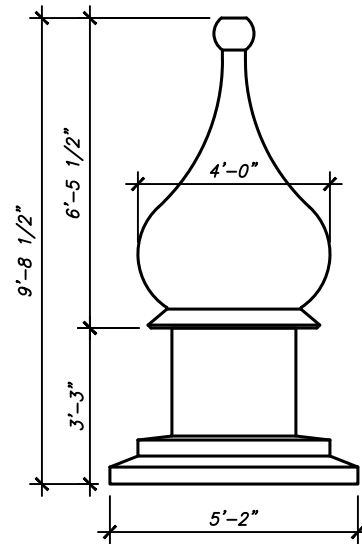
ORIGINAL JOB #: 872
OTHER JOB #: 1495, 2230
OTHER JOB #: 2291, 2948
OTHER JOB #: 3063, 3317
SECTIONS QTY: 2
FLANGE WIDTH: 3" ?
ASSEMBLY SQ.FT.:
BODY: 59.15



OD-154

HEIGHT: 9'-8 1/2"
WIDTH: 4'-0"
FOOTPRINT: 5'-2"
DOME SQ.FT.: 117.91

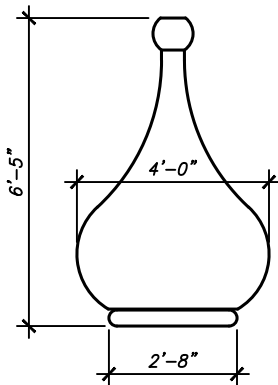
ORIGINAL JOB #: 872
OTHER JOB #: 2948, 3063
SECTIONS QTY: 2
FLANGE WIDTH: 3" ?
2-PIECE ASSEMBLY SQ.FT.:
BODY(OD-153): 59.15
BASE: 58.76



OD-155

HEIGHT: 6'-5"
WIDTH: 4'-0"
FOOTPRINT: 2'-8"
DOME SQ.FT.: 56.13

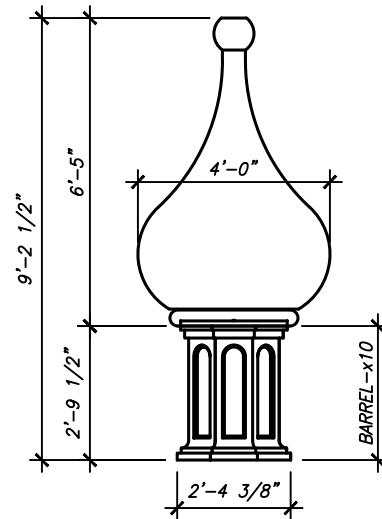
ORIGINAL JOB #: 1168
OTHER JOB #: 2958, 3181,
3386,
SECTIONS QTY: 2
FLANGE WIDTH: 3" ?
ASSEMBLY SQ.FT.:
BODY: 56.13



OD-156

HEIGHT: 9'-2 1/2"
WIDTH: 4'-0"
FOOTPRINT: 2'-4 3/8"
DOME SQ.FT.: 90.37

ORIGINAL JOB #: 1168
OTHER JOB #: 2958, 3181,
3510,
SECTIONS QTY: 2
FLANGE WIDTH: 3" ?
2-PIECE ASSEMBLY SQ.FT.:
BODY(OD-155): 56.13
BASE(CST-x10): 34.24



X-10 BARREL IS ONE
MOLD (PER HANS
6/6/24)

ONION DOMES

SHEET NO.

OD-15

2025



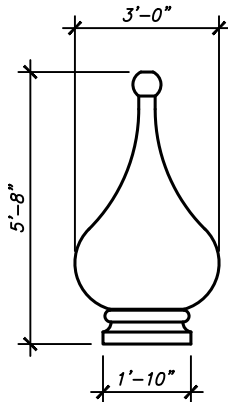
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OD-157

HEIGHT: 5'-8"
WIDTH: 3'-0"
FOOTPRINT: 1'-10"
DOME SQ.FT.: 37.03

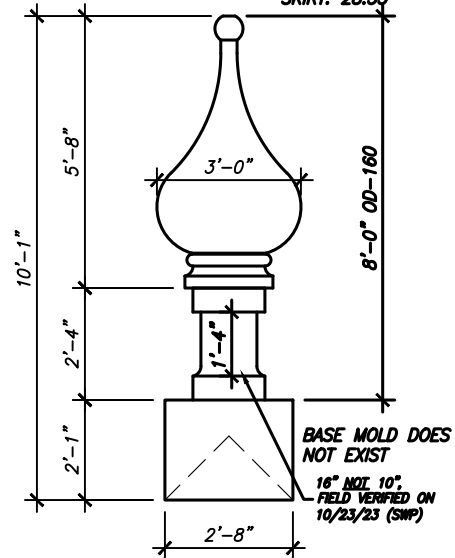
ORIGINAL JOB #: 865
OTHER JOB #: 1156, 1390,
1723, 1750 1775, 1949,
2357, 2375 2747, 2748,
3079, 3096, 3124, 3470
SECTIONS QTY: 2
FLANGE WIDTH: 3" ?
ASSEMBLY SQ.FT.:
BODY: 37.03



OD-158

(PREV 9'-7")
CYLINDRICAL BASE IS 16"
NOT 10", FIELD VERIFIED
ON 10/23/23 (SWP)
HEIGHT: 10'-1"
WIDTH: 3'-0"
FOOTPRINT: 2'-8"
DOME SQ.FT.: 79.615
PREV (75.645 +3.970(6"H CYLINDER))

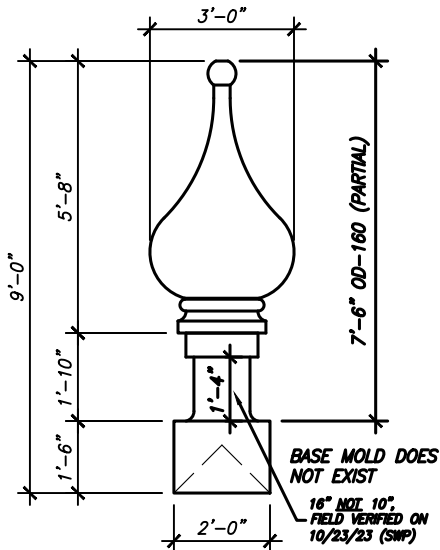
ORIGINAL JOB #: 865
OTHER JOB #:
SECTIONS QTY: 2
FLANGE WIDTH: 3" ?
3-PIECE ASSEMBLY SQ.FT.:
BODY(OD-157): 37.03
BASE: 14.365
SKIRT: 28.33



OD-159

(PREV 7'-6") CYLINDRICAL
BASE IS 16" NOT 10",
FIELD VERIFIED ON
10/23/23 (SWP)
HEIGHT: 9'-0"
WIDTH: 3'-0"
FOOTPRINT: 2'-0"
DOME SQ.FT.: 62.055
(PREV 58.085 +3.970(6"H CYLINDER))

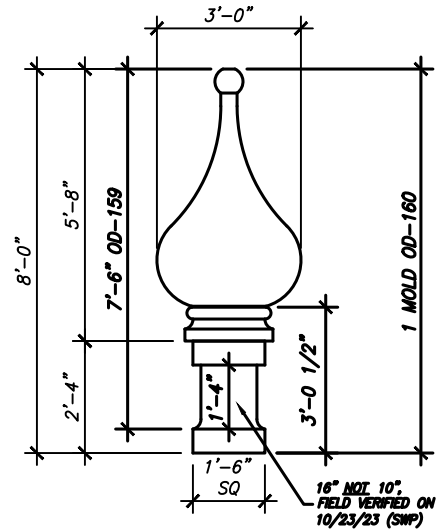
ORIGINAL JOB #: 1156
OTHER JOB #: 3409
SECTIONS QTY: 2
FLANGE WIDTH: 3" ?
3-PIECE ASSEMBLY SQ.FT.:
BODY(OD-157): 37.03
BASE: 21.055



OD-160

(PREV 7'-6") BASE IS 16"
NOT 10", FIELD VERIFIED
ON 10/23/23 (SWP)
HEIGHT: 8'-0"
WIDTH: 3'-0"
FOOTPRINT: 1'-6"
DOME SQ.FT.: 51.385
(PREV 47.415 +3.970(6"H CYLINDER))

ORIGINAL JOB #: 1390
OTHER JOB #s: 1655, 2362,
3365,
SECTIONS QTY: 2
FLANGE WIDTH: 3" ?
3-PIECE ASSEMBLY SQ.FT.:
BODY(OD-157): 37.03
BASE(OD-158): 14.365



ONION DOMES

SHEET NO.

OD-16

2025



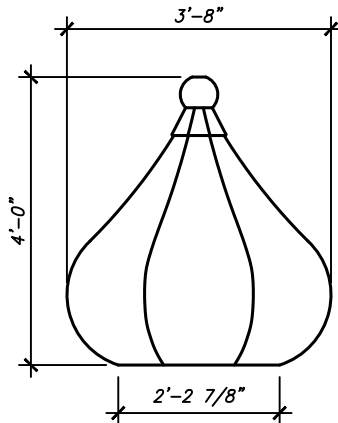
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OD-163

HEIGHT: 4'-0"
WIDTH: 3'-8"
FOOTPRINT: 2'-2 7/8"
+ FACETED +
DOME SQ.FT.: 53.82

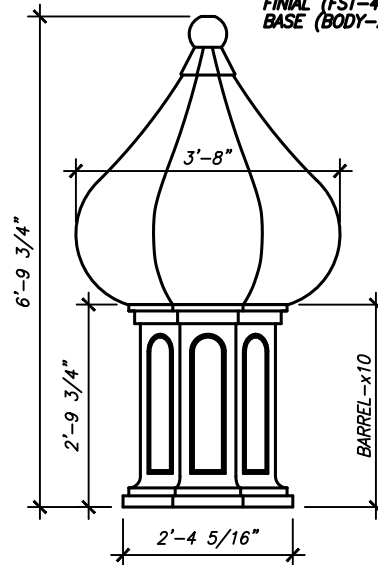
ORIGINAL JOB #: 1118
OTHER JOB #: 3349
SECTIONS QTY: 4 (PER HANS)
FLANGE WIDTH: 2" ?
2-PIECE ASSEMBLY SQ.FT.:
BODY: 52.40
FINIAL: 1.42



OD-164

HEIGHT: 6'-9 3/4"
WIDTH: 3'-8"
FOOTPRINT: 2'-4 5/16"
+ FACETED +
DOME SQ.FT.: 88.06

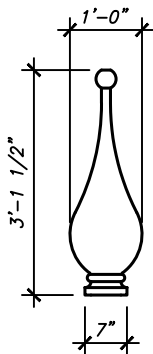
ORIGINAL JOB #: 1118
OTHER JOB #: 2465, 3546,
SECTIONS QTY: 4 (PER HANS)
FLANGE WIDTH: 2" ?
3-PIECE ASSEMBLY SQ.FT.:
BODY (OD-163): 52.40
FINIAL (FST-445): 1.42
BASE (BODY-X10): 34.24



OD-161

HEIGHT: 3'-1 1/2"
WIDTH: 1'-0"
FOOTPRINT: 7"
DOME SQ.FT.: 6.22

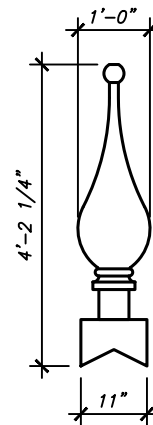
ORIGINAL JOB #: 841
OTHER JOB #: 842, 2747
SECTIONS QTY: 2
FLANGE WIDTH: 2" ?
ASSEMBLY SQ.FT.:
BODY: 6.22



OD-162

HEIGHT: 4'-2 1/4"
WIDTH: 1'-0"
FOOTPRINT: 11"
DOME SQ.FT.: 9.825

ORIGINAL JOB #: 841
OTHER JOB #: 842, 2049, 22,
2463, 2465, 2493, 2630, 267
2783, 2935, 3519,
SECTIONS QTY: 2
FLANGE WIDTH: 2" ?
2-PIECE ASSEMBLY SQ.FT.:
BODY(OD-161): 6.22
BASE: 3.605



ONION DOMES

SHEET NO.

OD-17

2025



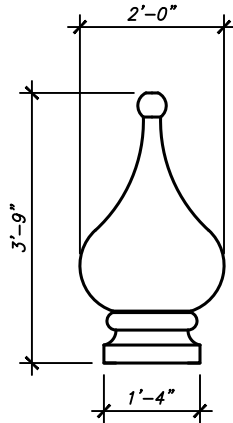
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OD-165

HEIGHT: 3'-9"
WIDTH: 2'-0"
FOOTPRINT: 1'-4"
DOME SQ.FT.: 17.96
SQ.FT: 22 use 25

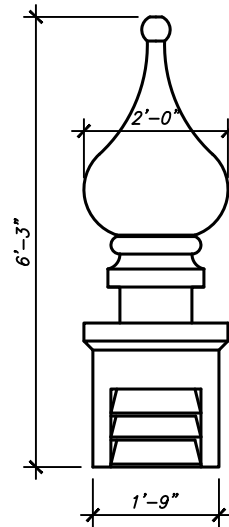
ORIGINAL JOB #: 841
OTHER JOB #'s: 842, 1084,
1894, 1949, 1978, 2068, 208
2510, 2558, 2630, 2747, 27
2769, 2878, 2963, 3052, 351
3537,
SECTIONS QTY: 2 (AFI ASSEMB
AS 1 - FLASHLINE MAY APPE
FLANGE WIDTH: 2" ?
ASSEMBLY SQ.FT.:
BODY: 17.96



OD-166

HEIGHT: 6'-3"
WIDTH: 2'-0"
FOOTPRINT: 1'-9"
DOME SQ.FT.: 42.956

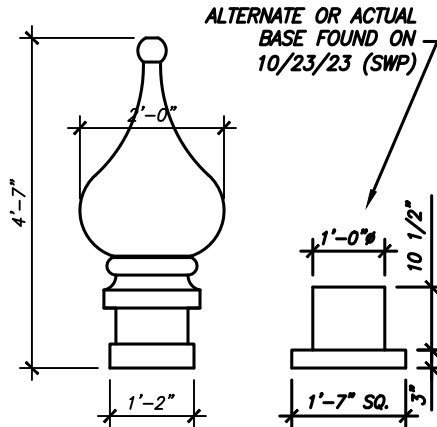
ORIGINAL JOB #: 841
OTHER JOB #'s: 842, 1495,
SECTIONS QTY: 2
FLANGE WIDTH: 2" ?
ASSEMBLY SQ.FT.:
BODY (OD-165): 17.96
BASE: 24.996



OD-167

HEIGHT: 4'-7"
WIDTH: 2'-0"
FOOTPRINT: 1'-2"
DOME SQ.FT.: 21.84

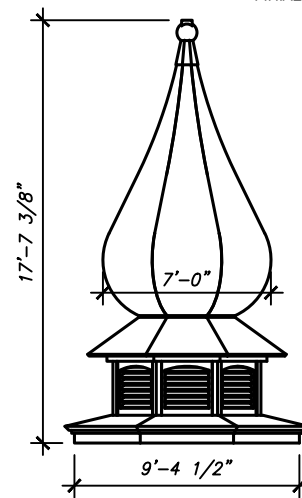
ORIGINAL JOB #: 1084
OTHER JOB #'s: 1912, 2149
2558, 2935
SECTIONS QTY: 2
FLANGE WIDTH: 1-1/2"
ASSEMBLY SQ.FT.:
BODY(OD-165): 17.96
BASE: 3.88



OD-172

HEIGHT: 13'-6 3/8"
WIDTH: 10'-0"
FOOTPRINT: 6'-10 3/8"
+ FACETED +
DOME SQ.FT.: 627.74

ORIGINAL JOB #: 2145
OTHER JOB #: 8
SECTIONS QTY: 8
FLANGE WIDTH: 4"
5-PIECE ASSEMBLY SQ.FT.:
BASE: 131.36
LOUVER: 86.24
CORNER: 31.36
DOME(OD-173): 374.20
FINAL: 4.58



ONION DOMES

SHEET NO.

OD-18

2025



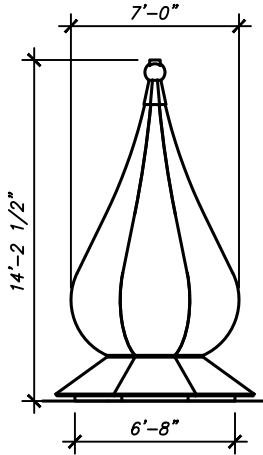
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OD-173

HEIGHT: 13'-6 3/8"
WIDTH: 10'-0"
FOOTPRINT: 6'-10 3/8"
+ FACETED +
DOME SQ.FT.: 378.78

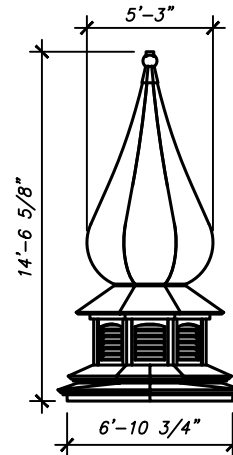
ORIGINAL JOB #: 2145
OTHER JOB #:
SECTIONS QTY: 8
FLANGE WIDTH: 4"
2-PIECE ASSEMBLY SQ.FT.:
DOME: 374.200
LOUVER: 4.58



OD-174

HEIGHT: 13'-6 3/8"
WIDTH: 10'-0"
FOOTPRINT: 6'-10 3/8"
+ FACETED +
DOME SQ.FT.: 419.78

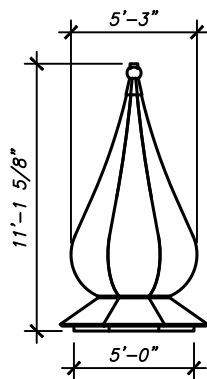
ORIGINAL JOB #: 2145
OTHER JOB #:
SECTIONS QTY: 8
FLANGE WIDTH: 3"
5-PIECE ASSEMBLY SQ.FT.:
BASE: 116.16
LOUVER: 55.60
CORNER: 27.12
DOME(OD-175): 218.64
FINIAL: 2.26



OD-175

HEIGHT: 13'-6 3/8"
WIDTH: 10'-0"
FOOTPRINT: 6'-10 3/8"
+ FACETED +
DOME SQ.FT.: 220.90

ORIGINAL JOB #: 2145
OTHER JOB #:
SECTIONS QTY: 8
FLANGE WIDTH: 3"
2-PIECE ASSEMBLY SQ.FT.:
DOME: 218.64
FINIAL: 2.26



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ONION DOMES

SHEET NO.

OD-19
2025



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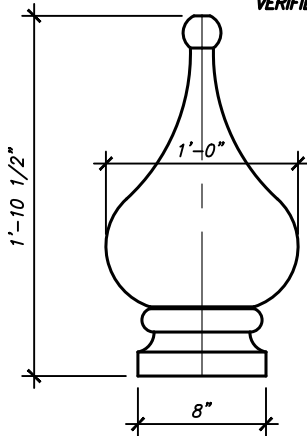
OD-177

HEIGHT: 1'-10 1/2"
WIDTH: 1'-0"
FOOTPRINT: 8"
DOME SQ.FT.: TBD

ASSEMBLED: 12/31/24 PICS
S:\PHOTOS\DOMES ASSEMBLY PICS BY
AFI 3547 - ST STEPHEN ORTHODOX
CATHEDRAL AFI ASSEMBLED PICS

ORIGINAL JOB#: 2991
OTHER JOB#: 3026, 3084,
3547,
SECTIONS QTY: X
FLANGE WIDTH: 1"
ASSEMBLY SQ.FT.:
BODY: TBD
BASE: TBD

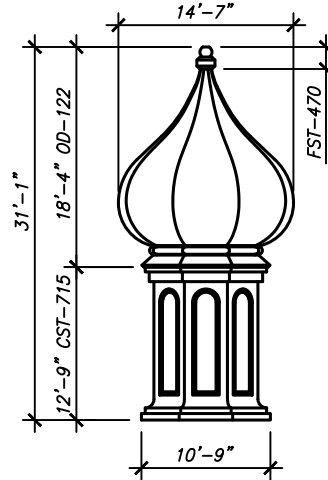
NOTE:
DRAWING SHOULD BE
VERIFIED TO MOLD



OD-178

HEIGHT: 31'-1"
WIDTH: 14'-7"
FOOTPRINT: 10'-9"
DOME SQ.FT.: 1366.70

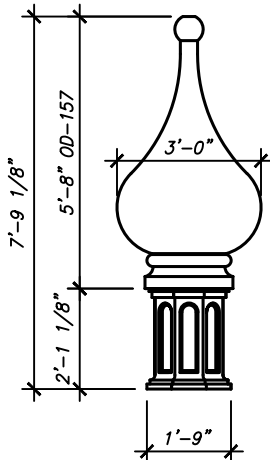
ORIGINAL JOB #: 3124
OTHER JOB #:
SECTIONS QTY: 8
FLANGE WIDTH: X"
3-PIECE ASSEMBLY SQ.FT.:
BASE (CST-715): 590.00
BODY (OD-122): 768.20
FINIAL (FST-470): 8.50



OD-179

HEIGHT: 7'-9 1/8"
WIDTH: 3'-0"
FOOTPRINT: 1'-9"
DOME SQ.FT.: 67.03

ORIGINAL JOB #: 3124
OTHER JOB #:
SECTIONS QTY: 8 (BASE)
FLANGE WIDTH: 3"
2-PIECE ASSEMBLY SQ.FT.:
BODY (OD-157): 37.03
BASE: 30.00
MOLD NEEDS FIXING NOT TRUE OC



INTENTIONALLY LEFT BLANK

ONION DOMES

SHEET NO.

OD-20
2025



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NOTES:

1. FIBERGLASS PRODUCTS ARE INTENDED TO BE INSTALLED ON FINISHED WATERTIGHT ROOF STRUCTURES AND ARE GENERALLY NOT OPEN TO THE BUILDING BELOW. FIBERGLASS PRODUCTS ARE DESIGNED TO SHED WATER BUT ARE NOT FACTORY INSULATED. FIBERGLASS PRODUCTS THAT ARE NOT INSULATED COULD CAUSE CONDENSATION INSIDE THE STRUCTURE. DECORATIVE FEATURES SUCH AS VENTS, LOUVERS, CROSSES, AND FINIALS CAN ALSO ALLOW MOISTURE TO ENTER THE STRUCTURE. ARCHITECTURAL FIBERGLASS, INC. (AFI) RECOMMENDS ROOFING OR WATERPROOFING UNDER THE FIBERGLASS STRUCTURE AND SEALING AROUND ALL ANCHOR BOLTS. FIELD APPLIED INSULATION AND FLASHING BY CONTRACTOR CAN REDUCE CONDENSATION AND SEAL THE STRUCTURE AGAINST MOISTURE.

WATERTIGHTNESS IS A FUNCTION OF THE INSTALLATION AND THE SUBSTRATE TO WHICH THE FIBERGLASS MATERIAL IS BEING ATTACHED. FURNISHED FIBERGLASS ELEMENTS ARE STRICTLY FOR ORNAMENTAL PURPOSES AND THE SELLER IS NOT RESPONSIBLE FOR ANY OTHER INTENDED USE. AFI DOES NOT WARRANT WATERTIGHT FACTORY-ASSEMBLED OR FIELD-ASSEMBLED JOINTS. FACTORY-ASSEMBLED JOINTS HAVE THE POTENTIAL TO SEPARATE DURING SHIPPING AND INSTALLATION. AFI RECOMMENDS FINAL SEALANT APPLICATION AFTER ELEMENTS ARE INSTALLED, IN ADDITION, A CONTINUOUS RUN AT EACH JOINT OF EMSEAL UST SEALANT TAPE (ITEM UST-10-50-10;) BY EMSEAL JOINT SYSTEMS, LTD (WWW.EMSEAL.COM) (1-800-526-8365) OR EQUAL. REFERENCE TYPICAL DETAIL. IF WATERTIGHTNESS IS REQUIRED, AFI RECOMMENDS THAT A LICENSED WATERPROOFING CONSULTANT REVIEW THE DETAILS AND PROVIDES RECOMMENDATIONS AS REQUIRED FOR THIS SPECIFIC APPLICATION.

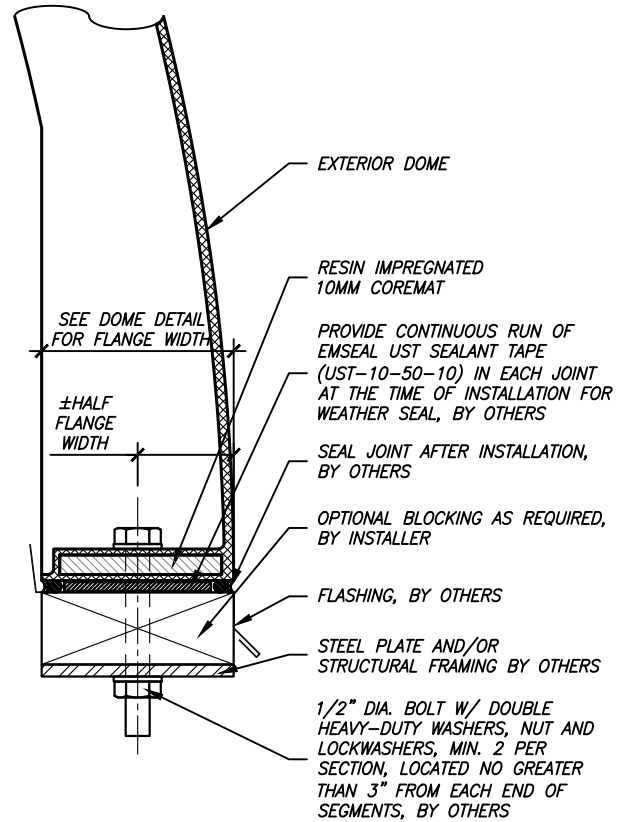
2. CONTRACTOR IS RESPONSIBLE FOR ANY ENGINEERING REQUIREMENTS ASSOCIATED WITH THE STRUCTURE TO WHICH FIBERGLASS ELEMENTS ARE ATTACHED, AND WIND LOAD FORCES IMPOSED BY THE FIBERGLASS STRUCTURE.

3. LIGHTNING PROTECTION IS NOT INCLUDED UNLESS NOTED ON THE SHOP DRAWINGS. LIGHTNING PROTECTION IS RECOMMENDED AND CAN BE INCORPORATED UPON REQUEST. A LICENSED CONTRACTOR WILL NEED TO FIELD GROUND ANY LIGHTNING PROTECTION PROVIDED WITH THE FIBERGLASS ELEMENTS.

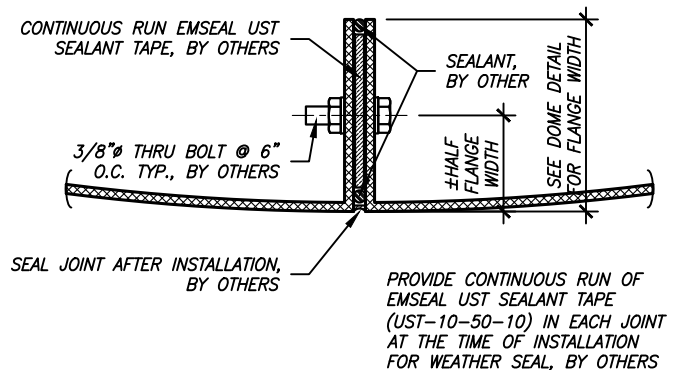
4. AFI RECOMMENDS ALL 3/8" DIA. THRU BOLTS TO BE STAINLESS STEEL TYPE 316, U.N.O. 1/2", 5/8", OR 3/4" DIA. (AS INDICATED) THRU BOLTS TO BE GRADE 5, GALVANIZED, U.N.O., BY OTHERS.

5. APPROVAL OF DRAWING IMPLIES THAT THE CONTRACTOR HAS VERIFIED ALL FIELD MEASUREMENTS PRIOR TO MANUFACTURE.

6. FRP THICKNESS SHALL BE 3/16" THICK UNLESS OTHERWISE NOTED.



TYPICAL DOME ATTACHMENT



TYPICAL EXTERIOR DOME JOINT DETAIL

ONION DOMES

SHEET NO.

SD-1

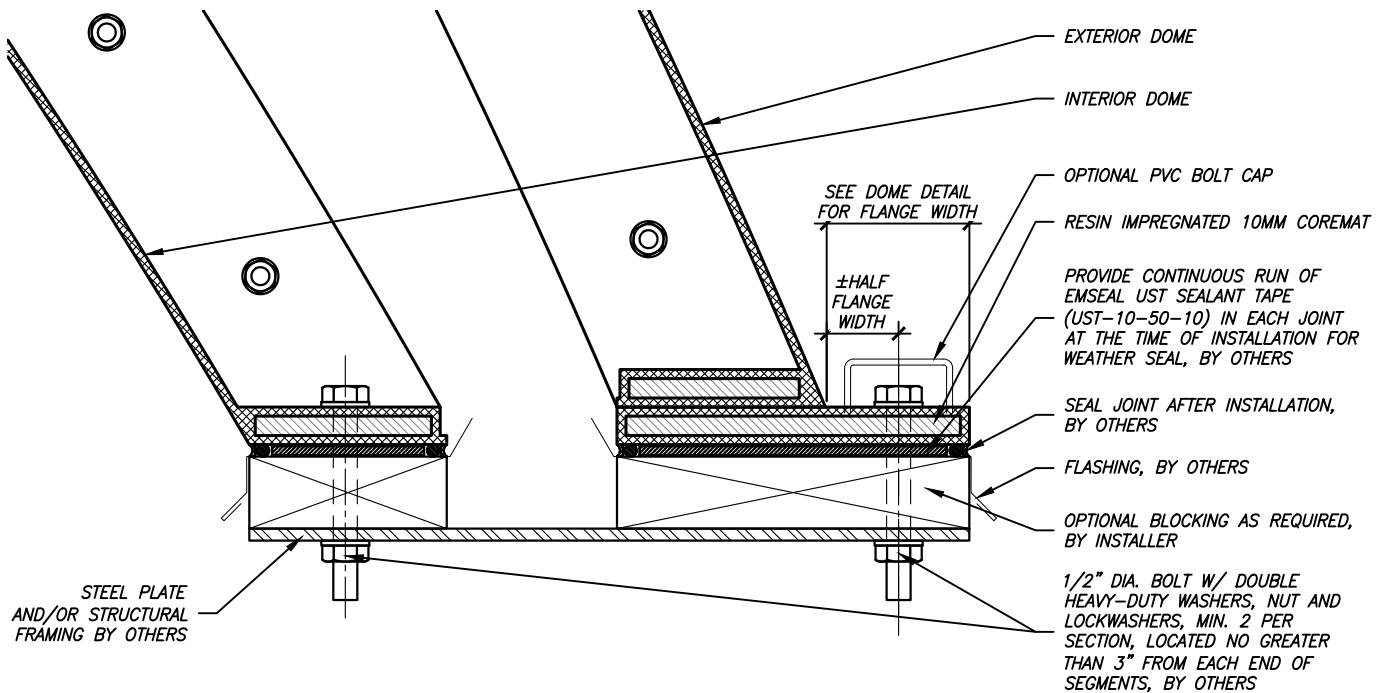
2025

ATTACHMENT
DETAILS



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TYPICAL DOME ATTACHMENT WITH INTERIOR AND EXTERIOR DOMES

ONION DOMES

SHEET NO.

SD-2

2025

ATTACHMENT
DETAILS



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