

RECTANGULAR CONDUCTORS (VERT.)	
DIMENSIONS (IN)	CAPACITY (GPM) RAINFALL RATE = 4.5 IN/HR
2	30
2x2	30
1-1/2 x 2-1/2	30
2-1/2	54
2-1/2 x 2-1/2	54
2-1/2 x 3	92
2 x 4	92
3 x 4-1/4	92
3-1/2 x 4	92

BASED UPON CHAPTER 11 OF THE 2020 FL PLUMBING CODE.

GUTTERS (HORIZ.)	
DIMENSIONS (IN)	CAPACITY (GPM) RAINFALL RATE = 4.0 IN/HR
1-1/2 X 2-1/2	26
2-1/4 X 3	55
4 X 2-1/2	106
3 X 3-1/2	156

BASED UPON CHAPTER 11 OF THE 2020 FL PLUMBING CODE.
STORM DRAINAGE CALCULATED ASSUMING A 2% SLOPE.

SCUPPER CALCs (AREA 4)	
BASED ON 2020 FLPC SEC 1106	
ROOF AREA (SQFT)	1400
PARAPET 1 (OR SIMILAR) LENGTH (FT)	11.0
PARAPET 1 (OR SIMILAR) HEIGHT (FT)	2.5
PARAPET 2 (OR SIMILAR) LENGTH (FT)	14.0
PARAPET 2 (OR SIMILAR) HEIGHT (FT)	4.8
ROOF AREA + 1/2 VERT. AREAS (SQFT)	1447
PROJ AREA + UPPER ROOF AREA (SQFT)	1520
60 MIN. RAINFALL RATE (IN/HR)	4.5
60 MIN. RAINFALL RATE (GPM)	68
# OF SCUPPERS	1
REQ'D GPM PER SCUPPER	68
SCUPPER DIMENSIONS (WxH, IN)	8 x 4
SELECTED HEAD (IN)	3

SCUPPER CALCs (AREA 3)	
BASED ON 2020 FLPC SEC 1106	
ROOF AREA (SQFT)	1000
PARAPET 1 (OR SIMILAR) LENGTH (FT)	21.0
PARAPET 1 (OR SIMILAR) HEIGHT (FT)	2.5
PARAPET 2 (OR SIMILAR) LENGTH (FT)	20.5
PARAPET 2 (OR SIMILAR) HEIGHT (FT)	4.8
ROOF AREA + 1/2 VERT. AREAS (SQFT)	1075
PROJ AREA + UPPER ROOF AREA (SQFT)	1220
60 MIN. RAINFALL RATE (IN/HR)	4.5
60 MIN. RAINFALL RATE (GPM)	50
# OF SCUPPERS	1
REQ'D GPM PER SCUPPER	50
SCUPPER DIMENSIONS (WxH, IN)	8 x 4
SELECTED HEAD (IN)	3

SCUPPER CALCs (AREA 2)	
BASED ON 2020 FLPC SEC 1106	
ROOF AREA (SQFT)	1500
PARAPET 1 (OR SIMILAR) LENGTH (FT)	38.0
PARAPET 1 (OR SIMILAR) HEIGHT (FT)	2.5
PARAPET 2 (OR SIMILAR) LENGTH (FT)	20.5
PARAPET 2 (OR SIMILAR) HEIGHT (FT)	6.3
PARAPET 3 (OR SIMILAR) LENGTH (FT)	7.0
PARAPET 3 (OR SIMILAR) HEIGHT (FT)	4.8
ROOF AREA + 1/2 VERT. AREAS (SQFT)	1629
PROJ AREA + UPPER ROOF AREA (SQFT)	1803
60 MIN. RAINFALL RATE (IN/HR)	4.5
60 MIN. RAINFALL RATE (GPM)	76
# OF SCUPPERS	1
REQ'D GPM PER SCUPPER	76
SCUPPER DIMENSIONS (WxH, IN)	8 x 4
SELECTED HEAD (IN)	3

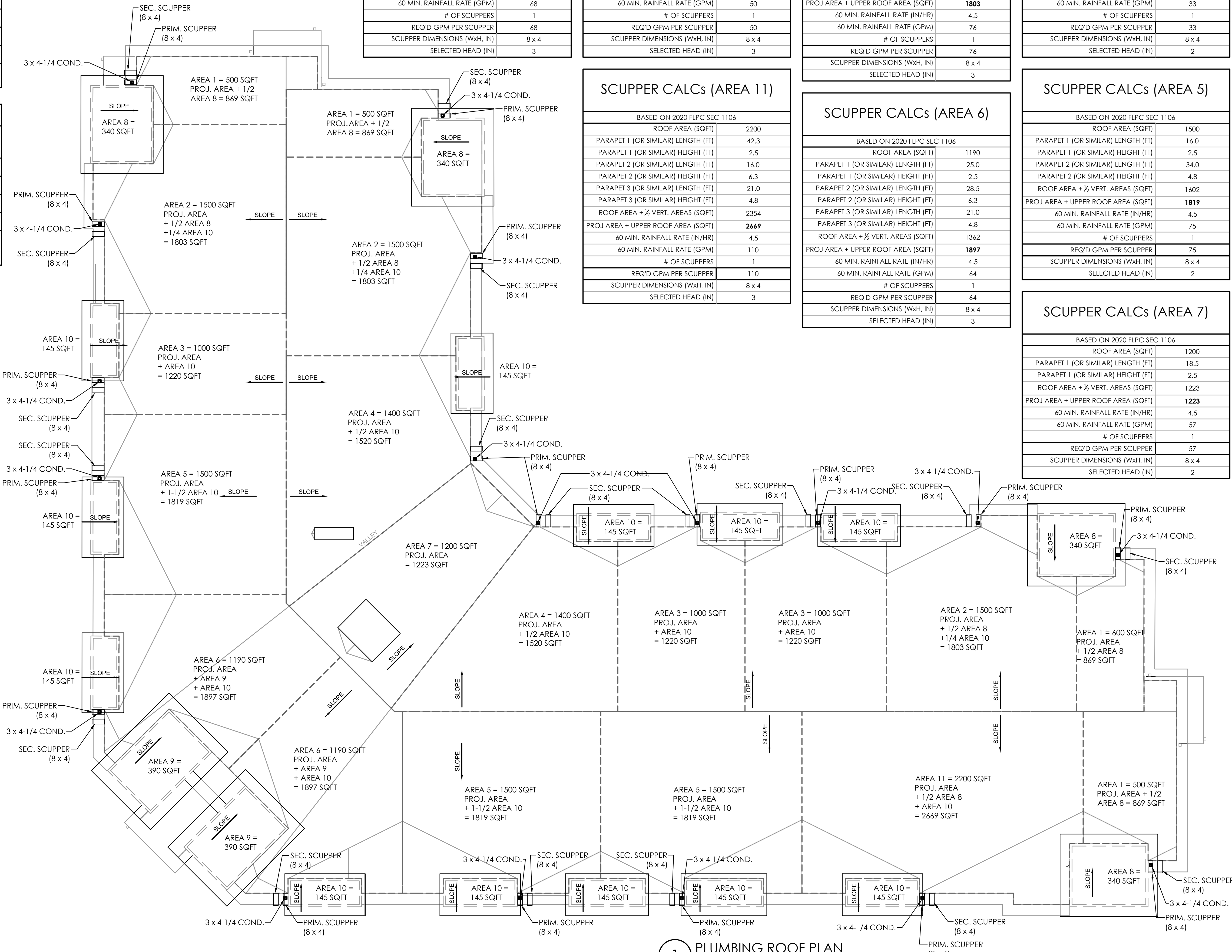
SCUPPER CALCs (AREA 1)	
BASED ON 2020 FLPC SEC 1106	
ROOF AREA (SQFT)	600
PARAPET 1 (OR SIMILAR) LENGTH (FT)	50.0
PARAPET 1 (OR SIMILAR) HEIGHT (FT)	2.5
PARAPET 2 (OR SIMILAR) LENGTH (FT)	11.5
PARAPET 2 (OR SIMILAR) HEIGHT (FT)	6.3
ROOF AREA + 1/2 VERT. AREAS (SQFT)	699
PROJ AREA + UPPER ROOF AREA (SQFT)	869
60 MIN. RAINFALL RATE (IN/HR)	4.5
60 MIN. RAINFALL RATE (GPM)	33
# OF SCUPPERS	1
REQ'D GPM PER SCUPPER	33
SCUPPER DIMENSIONS (WxH, IN)	8 x 4
SELECTED HEAD (IN)	2

SCUPPER CALCs (AREA 11)	
BASED ON 2020 FLPC SEC 1106	
ROOF AREA (SQFT)	2200
PARAPET 1 (OR SIMILAR) LENGTH (FT)	42.3
PARAPET 1 (OR SIMILAR) HEIGHT (FT)	2.5
PARAPET 2 (OR SIMILAR) LENGTH (FT)	16.0
PARAPET 2 (OR SIMILAR) HEIGHT (FT)	6.3
PARAPET 3 (OR SIMILAR) LENGTH (FT)	21.0
PARAPET 3 (OR SIMILAR) HEIGHT (FT)	4.8
ROOF AREA + 1/2 VERT. AREAS (SQFT)	2354
PROJ AREA + UPPER ROOF AREA (SQFT)	2669
60 MIN. RAINFALL RATE (IN/HR)	4.5
60 MIN. RAINFALL RATE (GPM)	110
# OF SCUPPERS	1
REQ'D GPM PER SCUPPER	110
SCUPPER DIMENSIONS (WxH, IN)	8 x 4
SELECTED HEAD (IN)	3

SCUPPER CALCs (AREA 6)	
BASED ON 2020 FLPC SEC 1106	
ROOF AREA (SQFT)	1190
PARAPET 1 (OR SIMILAR) LENGTH (FT)	25.0
PARAPET 1 (OR SIMILAR) HEIGHT (FT)	2.5
PARAPET 2 (OR SIMILAR) LENGTH (FT)	28.5
PARAPET 2 (OR SIMILAR) HEIGHT (FT)	6.3
PARAPET 3 (OR SIMILAR) LENGTH (FT)	21.0
PARAPET 3 (OR SIMILAR) HEIGHT (FT)	4.8
ROOF AREA + 1/2 VERT. AREAS (SQFT)	1362
PROJ AREA + UPPER ROOF AREA (SQFT)	1897
60 MIN. RAINFALL RATE (IN/HR)	4.5
60 MIN. RAINFALL RATE (GPM)	64
# OF SCUPPERS	1
REQ'D GPM PER SCUPPER	64
SCUPPER DIMENSIONS (WxH, IN)	8 x 4
SELECTED HEAD (IN)	3

SCUPPER CALCs (AREA 5)	
BASED ON 2020 FLPC SEC 1106	
ROOF AREA (SQFT)	1500
PARAPET 1 (OR SIMILAR) LENGTH (FT)	16.0
PARAPET 1 (OR SIMILAR) HEIGHT (FT)	2.5
PARAPET 2 (OR SIMILAR) LENGTH (FT)	34.0
PARAPET 2 (OR SIMILAR) HEIGHT (FT)	4.8
ROOF AREA + 1/2 VERT. AREAS (SQFT)	1602
PROJ AREA + UPPER ROOF AREA (SQFT)	1819
60 MIN. RAINFALL RATE (IN/HR)	4.5
60 MIN. RAINFALL RATE (GPM)	75
# OF SCUPPERS	1
REQ'D GPM PER SCUPPER	75
SCUPPER DIMENSIONS (WxH, IN)	8 x 4
SELECTED HEAD (IN)	2

SCUPPER CALCs (AREA 7)	
BASED ON 2020 FLPC SEC 1106	
ROOF AREA (SQFT)	1200
PARAPET 1 (OR SIMILAR) LENGTH (FT)	18.5
PARAPET 1 (OR SIMILAR) HEIGHT (FT)	2.5
ROOF AREA + 1/2 VERT. AREAS (SQFT)	1223
PROJ AREA + UPPER ROOF AREA (SQFT)	1223
60 MIN. RAINFALL RATE (IN/HR)	4.5
60 MIN. RAINFALL RATE (GPM)	57
# OF SCUPPERS	1
REQ'D GPM PER SCUPPER	57
SCUPPER DIMENSIONS (WxH, IN)	8 x 4
SELECTED HEAD (IN)	2



1 PLUMBING ROOF PLAN
SCALE: 3/32" = 1'-0"