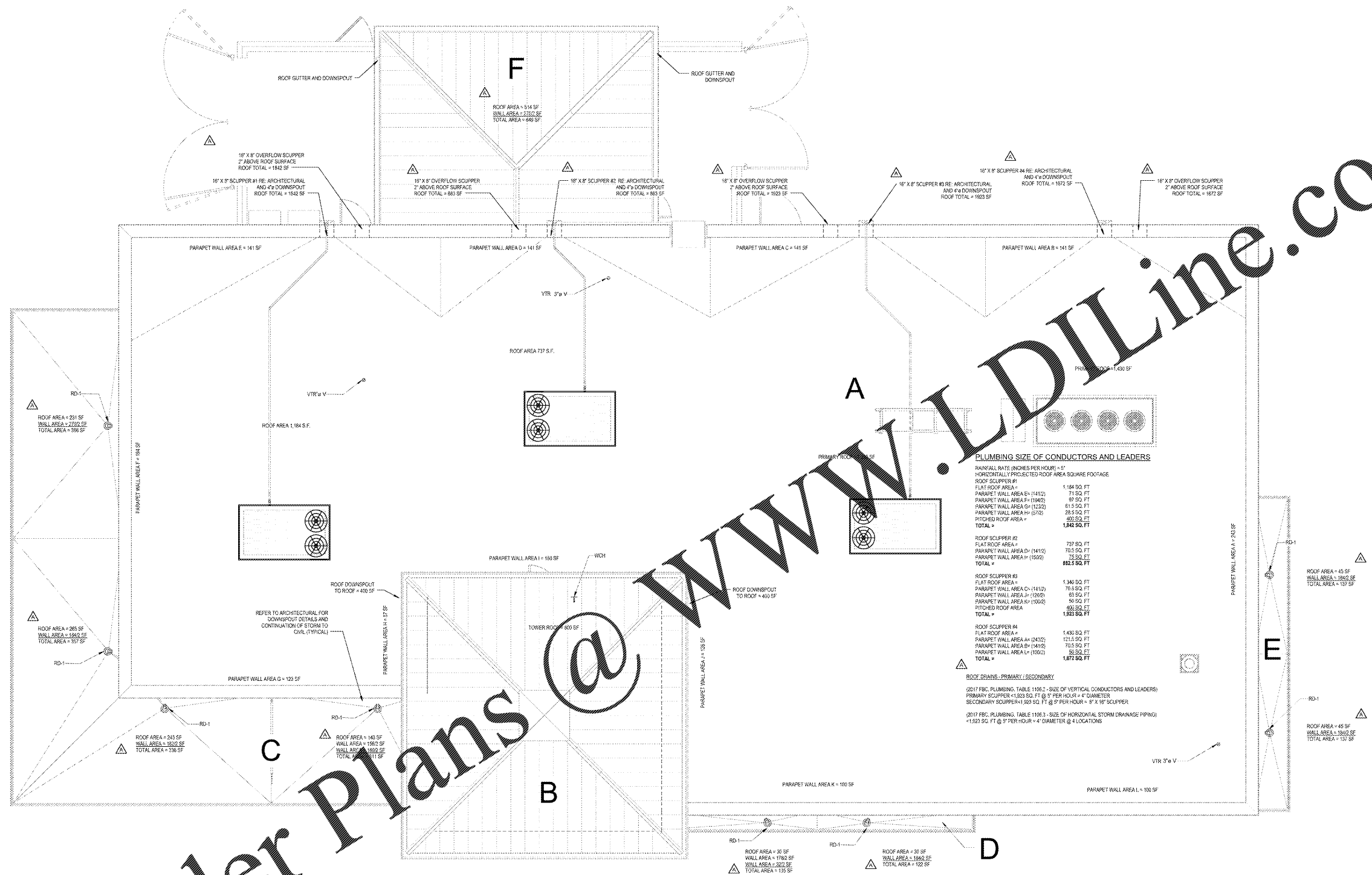


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PLUMBING SIZE OF CONDUCTORS AND LEADERS

RAINFALL RATE (INCHES PER HOUR) = 5"
 HORIZONTALLY PROJECTED ROOF AREA SQUARE FOOTAGE

SCUPPER	FLAT ROOF AREA	PARAPET WALL AREA	PITCHED ROOF AREA	TOTAL
SCUPPER #1	1,184 SQ. FT.	71 SQ. FT.	89 SQ. FT.	1,344 SQ. FT.
SCUPPER #2	727 SQ. FT.	70.5 SQ. FT.	75 SQ. FT.	872.5 SQ. FT.
SCUPPER #3	1,340 SQ. FT.	76.5 SQ. FT.	85 SQ. FT.	1,501.5 SQ. FT.
SCUPPER #4	1,430 SQ. FT.	121.5 SQ. FT.	70.5 SQ. FT.	1,622 SQ. FT.

ROOF DRAINS - PRIMARY / SECONDARY

(2) 17\"/>

TABLE 1106.2 STORM DRAIN PIPE SIZING

DIAMETER OF LEADER (INCHES)	VERTICAL DRAIN	CAPACITY (GPM)		
		SLOPE OF HORIZONTAL DRAIN		
		1/16 IN PER FT	1/8 IN PER FT	1/4 IN PER FT
2	54	15	22	31
3	97	38	56	79
4	150	61	115	163
5	211	117	165	234
6	338	245	344	467
8	1,117	558	714	1,010

2 ROOF DRAINAGE CALCULATIONS
NOT TO SCALE

1 PLUMBING ROOF PLAN
1/8" = 1'-0"