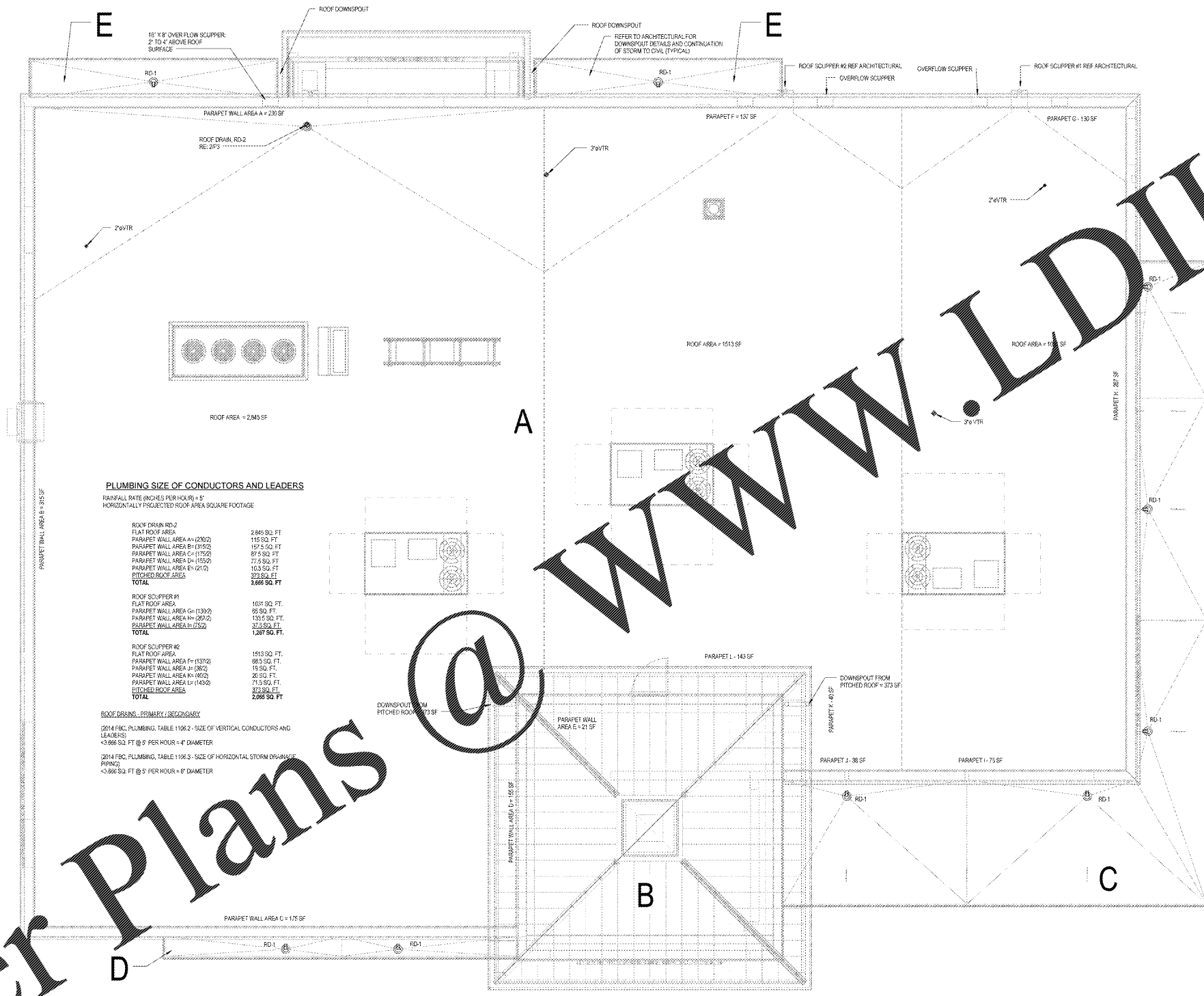


Order Plans @



PLUMBING SIZE OF CONDUCTORS AND LEADERS
 RAINFALL RATE (INCHES PER HOUR) = 5"
 HORIZONTALLY PROJECTED ROOF AREA SQUARE FOOTAGE

ROOF DRAIN RD-2 FLAT ROOF AREA	2845 SQ. FT.
PARAPET WALL AREA A-H (1200)	115 SQ. FT.
PARAPET WALL AREA B-I (1150)	157.5 SQ. FT.
PARAPET WALL AREA C-J (1150)	87.5 SQ. FT.
PARAPET WALL AREA D-K (1150)	77.5 SQ. FT.
PARAPET WALL AREA E-L (1400)	113.5 SQ. FT.
PITCHED ROOF AREA	373 SQ. FT.
TOTAL	3,666 SQ. FT.
ROOF SCUPPER #1 FLAT ROOF AREA	1031 SQ. FT.
PARAPET WALL AREA G-H (1300)	66 SQ. FT.
PARAPET WALL AREA I-J (1200)	135.5 SQ. FT.
PARAPET WALL AREA K-L (1250)	27.5 SQ. FT.
TOTAL	1,260 SQ. FT.
ROOF SCUPPER #2 FLAT ROOF AREA	1513 SQ. FT.
PARAPET WALL AREA F-G (1370)	88.5 SQ. FT.
PARAPET WALL AREA H-I (380)	19 SQ. FT.
PARAPET WALL AREA J-K (1600)	20 SQ. FT.
PARAPET WALL AREA L-M (1450)	71.5 SQ. FT.
PITCHED ROOF AREA	373 SQ. FT.
TOTAL	2,865 SQ. FT.

ROOF DRAIN - PRIMARY / SECONDARY
 (2014 FBC PLUMBING TABLE 1106.2 - SIZE OF VERTICAL CONDUCTORS AND LEADERS)
 <3.886 SQ. FT @ 5" PER HOUR = 4" DIAMETER
 (2014 FBC PLUMBING TABLE 1106.3 - SIZE OF HORIZONTAL STORM DRAINAGE PIPING)
 <3.886 SQ. FT @ 5" PER HOUR = 6" DIAMETER

ROOF DRAINAGE CALCULATIONS

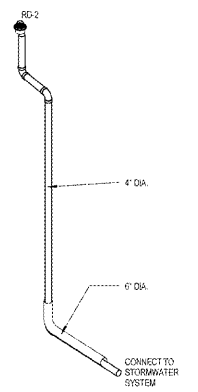
PROJECT SITE = COUNTY, FL 100 YEAR 1 HR RAINFALL = 4.9" (ROUND UP TO 5")
 TOTAL ROOF AREA = HORIZONTAL PROJECTED AREA + HALF THE AREA OF VERTICAL WALLS THAT DRAIN WATER TO THE ROOF.
 OVERFLOW DRAINAGE CALCULATED FROM FPC TABLE 1106.2 AS MODIFIED BY SECTION 1118.8

ROOF LABEL	TOTAL AREA	LARGEST TRIB AREA	VERTICAL PIPING			
			REQUIRED	PROVIDED		
			QTY.	DIAMETER	QTY.	DIAMETER
A	6,698 SF	3,056 SF	3	4"	3	4"
B	746 SF	373 SF	2	2"	2	4"
C	1905 SF	215 SF	3	2"		4"
D	202 SF	87 SF	1	2"		4"
E	105 SF	83 SF	1	2"		4"

TABLE 1106.2(1) - SIZE OF VERTICAL CONDUCTORS AND LEADERS

DIAMETER OF LEADER (INCHES)	HORIZONTALLY PROJECTED ROOF AREA (SQ. FT.)					
	1	2	3	4	5	6
2	960	700	570	480		
3	18,000	8,000	2,500	2,200	1,700	1,400
4	34,000	17,000	4,000	3,000	2,000	1,600
5	54,000	27,000	7,000	5,000	3,000	2,000
6	76,000	38,000	10,000	7,000	4,000	3,000
8	116,000	58,000	16,000	11,000	6,000	4,000

ROOF AREA CALCULATIONS
 SCALE: 1/8" = 1'-0"



2 ROOF DRAIN RISER
 NOT TO SCALE

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PROJECT NAME
WAWA F85FB 2017.01 STORE #5294-CNY
 26508 US 19 NORTH
 CLEARWATER, FL 33761

SHEET TITLE
PLUMBING ROOF PLAN

Revision Schedule

No.	Description	Date
1	PRELIMINARY	01/17/2017
2	PERMITS	07/28/2017
3	FIELD REVISED SET	07/28/2017
4	BID SET	09/04/2017

PROJECT NO.	DATE	DRAWN	CHECKED
2016020	01/03/2017		