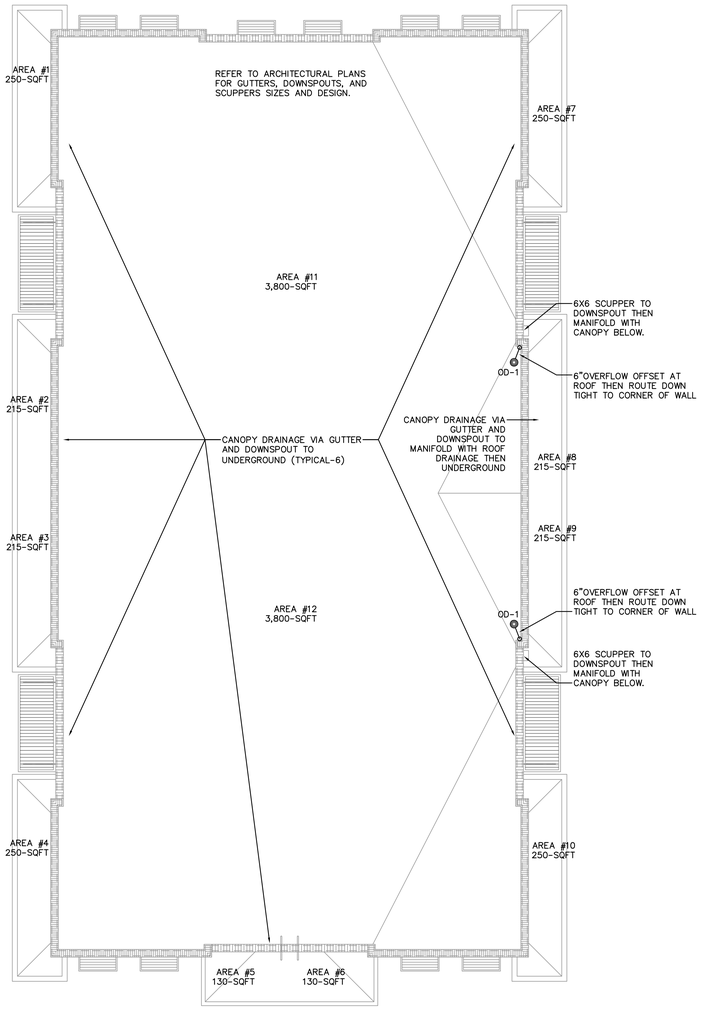
ROOF DRAIN / PIPING SUMMARY

ROOF DRAIN AREA	ROOF AREA (SQFT) ①	RAINFALL RATE USED ②	VERTICAL PIPE SIZE		VERTICAL DOWNSPOUT SIZE		HORIZONTAL PIPE SIZE (1/8" SLOPE)	
			MIN SIZE PER CODE	SIZE USED	MIN SIZE PER CODE	SIZE USED	MIN SIZE PER CODE	SIZE USED
#1	250	4.5" / HR	2"ø	--	2" X 3"	4" X 4"	3"ø	4"ø
#2	215	4.5" / HR	2"ø	--	2" X 3"	6" X 6"	3"ø	4"ø
#3	215	4.5" / HR	2"ø	--	2" X 3"	6" X 6"	3"ø	4"ø
#4	250	4.5" / HR	2"ø	--	2" X 3"	4" X 4"	3"ø	4"ø
#5	130	4.5" / HR	2"ø	--	2" X 3"	4" X 4"	3"ø	4"ø
#6	130	4.5" / HR	2"ø	--	2" X 3"	4" X 4"	3"ø	4"ø
#7	250	4.5" / HR	2"ø	--	2" X 3"	4" X 4"	3"ø	4"ø
#8	215	4.5" / HR	2"ø	--	2" X 3"	4" X 4"	3"ø	4"ø
#9	215	4.5" / HR	2"ø	--	2" X 3"	4" X 4"	3"ø	4"ø
#10	250	4.5" / HR	2"ø	--	2" X 3"	4" X 4"	3"ø	4"ø
#11	3,800	4.5" / HR	4"ø	6"ø	3.5" X 5"	6" X 6"	6"ø	6"ø
#12	3,800	4.5" / HR	4"ø	6"ø	3.5" X 5"	6" X 6"	6"ø	6"ø
MANIFOLD #9 & 11	3,930	4.5" / HR	4"ø	--	3.5" X 5"	6" X 6"	6"ø	6"ø
MANIFOLD #9 & 12	3,930	4.5" / HR	4"ø	--	3.5" X 5"	6" X 6"	6"ø	6"ø

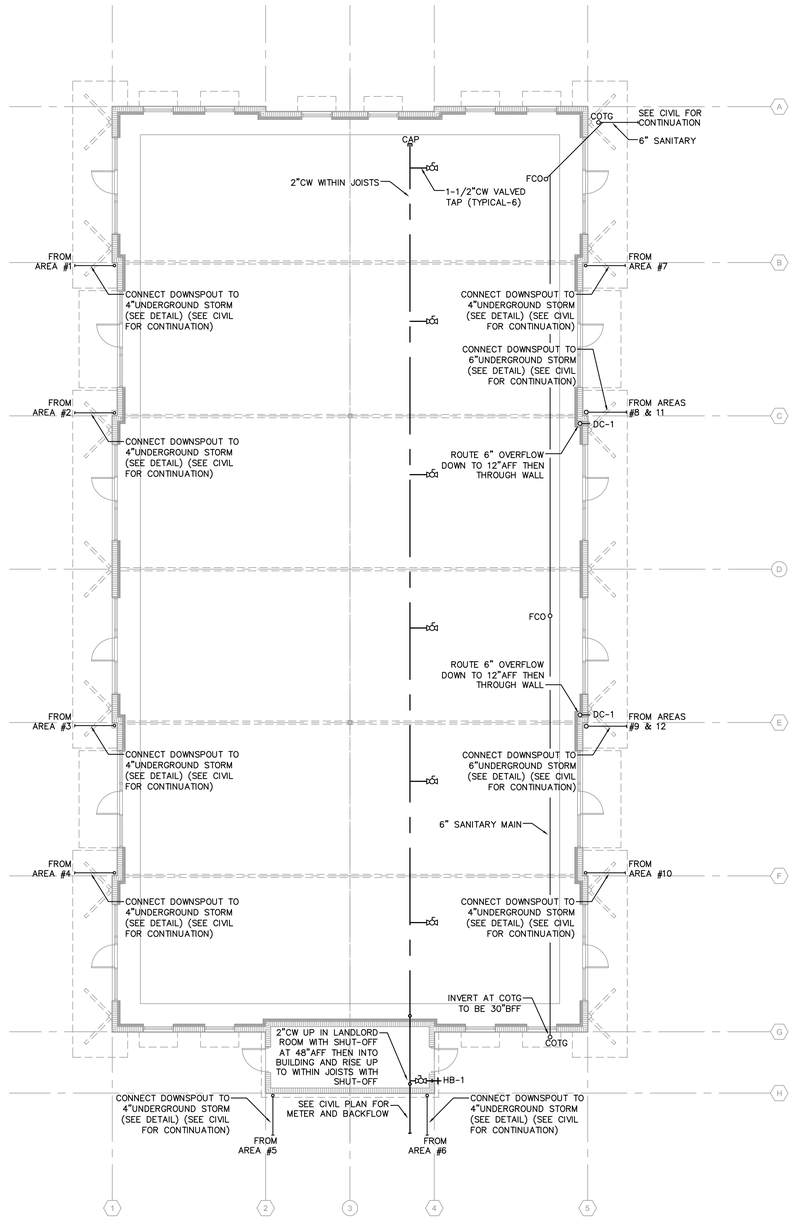
① SIZE INCLUDES 1/2 OF THE PARAPET WALL PER FL. BLDG. CODE-PLUMBING (FIFTH EDITION), SECTION 1106.4.

② RAINFALL RATE PER FL. BLDG. CODE - PLUMBING (FIFTH EDITION), FIGURE 1106.1.

③ FL. BLDG. CODE - PLUMBING (FIFTH EDITION). CHAPTER 11, TABLES 1106.2(1) & 1106.3, ADJUSTING FOR 4.5" RATE THROUGH INTERPOLATION OF 4" & 5" RATES IN TABLE.



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



PLUMBING LEGEND

DESCRIPTION	ABBREV.	SYMBOL
SANITARY PIPING	SAN	
GREASE PIPING	GR	GR
VENT PIPING	V	
DOMESTIC COLD WATER	CW	
DOMESTIC HOT WATER	HW	
GAS PIPING	GAS	
BALL/ISOLATION VALVE	BV	
DUAL-CHECK BACKFLOW PREVENTER		
GRADE CLEAN OUT	COTG	COTG
FLOOR CLEAN OUT	FCO	FCO
PIPE TURNING UP		
PIPE TURNING DOWN		
CAPPED PIPING		
TYPICAL ITEM	TYP	

NOTE ON SITE UTILITIES:
CONTRACTOR SHALL FIELD VERIFY LOCATIONS & INVERTS OF ALL UTILITY MAINS (I.E. SEWER, DOMESTIC WATER, ETC.) PRIOR TO ANY CONSTRUCTION.

NOTE: PLEASE REFER TO CIVIL ENGINEER'S UTILITY PLANS FOR FURTHER REFERENCE AND CONTINUATIONS BEYOND 5-FT FROM BUILDING. FIELD COORDINATE WITH SITE CONTRACTOR PRIOR TO ANY INSTALLATION OF UNDERGROUND PIPING.

PLUMBING FLOOR PLAN — SCALE 1/8" = 1'-0" — 1

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BULLETIN LOG

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WESTLAKE AUXILIARY SALES CENTER
CITY OF WESTLAKE
PALM BEACH COUNTY, FLORIDA

ISSUE DATE: - 09-30-16
ISSUED FOR:
PERMIT - BUILDING SHELL ONLY
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REVISION LOG

STATE REGISTRATIONS
FL 56189

MATTHEW D. LEWIS LICENSE No 56189 STATE OF FLORIDA PROFESSIONAL ENGINEER

Matthew D. Lewis, P.E. License No. 56189

TO THE BEST OF THE KNOWLEDGE OF THE ARCHITECTS AND ENGINEERS, SAID PLANS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE MINIMUM BUILDING CODES AND THE APPLICABLE MINIMUM FIRE SAFETY STANDARDS.

WESTLAKE AUXILIARY SALES CENTER
PROJECT NAME

PLUMBING FLOOR & ROOF PLANS
SHEET NAME

PROJECT NUMBER: 2016.082
DRAWN BY: TJ **CHECKED BY: ML**
SCALE: AS SHOWN

P1.01
SHEET NUMBER