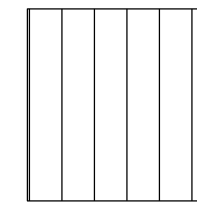





- ### LEGEND
-  PRE-FINISHED STANDING SEAM METAL ROOF ASSEMBLY (SSMR) BY PEMB
 -  DS PRE-FINISHED 4"x6" DOWNSPOUT AND 8"x6" GUTTER BY PEMB
 -  VTR VENT THROUGH ROOF. CENTER ALL VTR PIPES BETWEEN STANDING SEAM RINS. SEE DETAIL 3/A-322 AND PLUMBING DRAWINGS FOR MORE INFORMATION
 -  EF HVAC EQUIPMENT ON FULLY WELDED CURB SEE DETAIL: 4/A-322 AND MECHANICAL DRAWINGS FOR MORE INFORMATION.

GUTTER AND DOWNSPOUT CALCULATIONS:

FT. STEWART FIRE STATION GUTTER SIZE REQUIREMENTS

GEORGIA - ATLANTA
 RAINFALL INTENSITY (100YR) = 9.9 IN./HR.
 DRAINABLE AREA (100YR) = 120 SQ. FT.
 YEAR SETTING = 100 YR.
 PLAN AREA = 17,567 SQ. FT.
 MAX GUTTER SERVED BY EACH DS = 25 FT.

DESIGN AREA = 17,567 SQ. FT.
 MINIMUM NUMBER OF DS = 12
 LARGEST ROOF AREA SERVED BY DS = 2,192 SQ. FT.

MIN. GUTTER WIDTH = 8"
 MIN. GUTTER DEPTH = 6" (WIDTH X 0.75 = DEPTH)

MIN. DS SIZE = 4" X 6"

GENERAL NOTES:

1. PAINT ALL ROOF TOP EQUIPMENT, ACCESSORIES AND PENETRATIONS TO MATCH PREFINISHED METAL ROOF PANELS. USE PAINT PROVIDED BY ROOF MANUFACTURER. PAINT SYSTEMS AS REQUIRED BY PAINT MANUFACTURER.
2. REFER TO MEP PLANS FOR EXACT LOCATION OF ALL ROOF PENETRATIONS, EQUIPMENT, ETC.



MARK	DESCRIPTION	DATE	APPR.
A	65% PRE-FINAL DESIGN	7/29/09	
B	100% FINAL DESIGN	9/18/09	

DESIGNED BY: U.S. ARMY CORPS OF ENGINEERS HUNTSVILLE CENTER	CUS BY: VJ/D/W	DATE: 03-MARCH-2010	CONTRACT NO.:W12DY08R2400	FILE NUMBER: W12DY08R2400
STOA ARCHITECTS 121 EAST GOVERNMENT STREET PENSACOLA, FL 32502	DESIGNED BY: VJ/D/W	DATE: 03-MARCH-2010	CONTRACT NO.:W12DY08R2400	FILE NUMBER: W12DY08R2400

03 MARCH 2010 FINAL DESIGN ISSUED FOR CONSTRUCTION

15TH STREET FIRE STATION
 FORT STEWART, GEORGIA

ROOF PLAN

1 ROOF PLAN
 A-140
 SCALE: 1/8" = 1'-0"



SHEET IDENTIFICATION
A-140
 SHEET 37 OF 117