

Project Title: Sample Project
 Project ID: 130206
 Project Manger: T.M.

Prepared By: W.T Sheet: 1 of 1
 Checked By: D.W. Date: 8/24/15

LOUVER SIZING BASED ON FPM

Notes:

AHU-1 Intake Louver

Louver Sizing			Remarks
Airflow:	40,000	CFM	
Face Velocity:	500	FPM	
Required Free Area (Sq. Ft) =	80.00	Sq. Ft.	
Required Free Area (Sq. Inches) =	11,520	Sq. Inches	
Louver % Free Area:	50%	%	from Manufacturer
Louver Face Area (Sq. Ft) =	160.00	Sq. Ft.	
Louver Face Area (Sq. Inches) =	23,040	Sq. Inches	
Louver Width:	192	Inches	
Louver Height =	120	Inches	
Required Louver Size =	16' - 0" W x 10' - 0" H		

REMARKS:

Your Notes Here.