DUCT WORK AND DAMPERS

A.- DUCT WORK AND PLENUM CHAMBERS SHALL BE GALVANIZED OR ALUM. SHEET METAL, INSTALLED IN ACCORD. WITH THE SMACNA MANUAL.

LARGEST DIM. RECTANGULAR	GAUGE	SLIP SIZE	ALUMINUM B&S GAUGE	STEEL BRACING
TO 12"	26	1"	24	NONE
13" TO 30"	24	1"	22	NONE
31" TO 54"	22	1"	20	1"×1"×1/8" (4' FR. JOINTS)
55" AND ABV.	20	1"		1"×1"×1/8" (4' FR. JOINTS)
PLENUMS	18	1"	USE 18 GA. GALV. 1 1/2"×1 1/2"×1/8"	

B.- BRACE PLENUMS WITH 1 1/2"×1 1/2"×1/8" ANGLES

C.- INSTALL 1"×18 GAUGE HANGERS.

SUPPLY AIR FAN

13,000 ACFM (CORRECTED)
10,000 SCFM

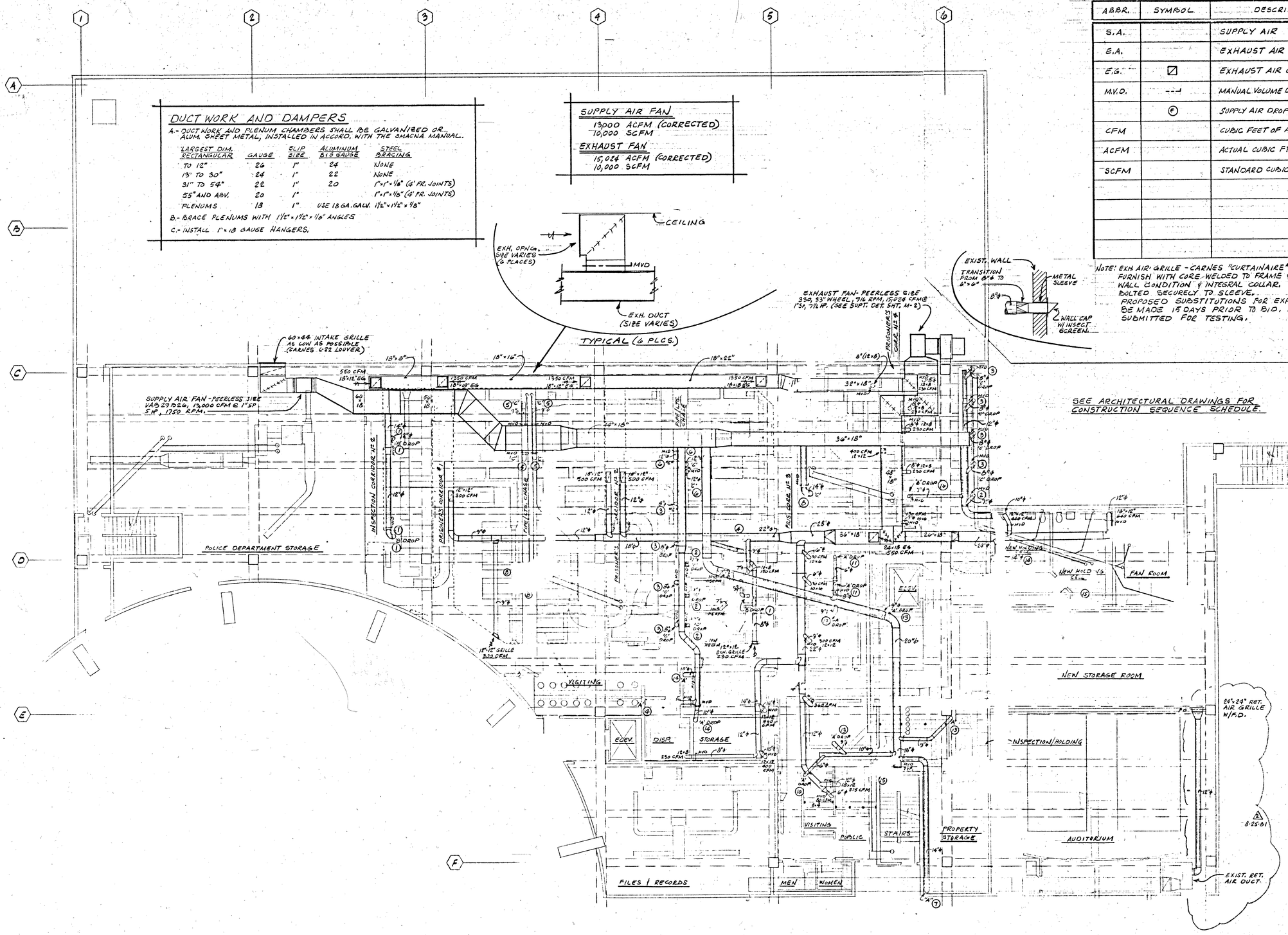
EXHAUST FAN

15,024 ACFM (CORRECTED)
10,000 SCFM

LEGEND

ABBR.	SYMBOL	DESCRIPTION
S.A.		SUPPLY AIR
E.A.		EXHAUST AIR
E.G.	▨	EXHAUST AIR GRILLE (SEE NOTE BELOW)
M.V.D.	--⊣	MANUAL VOLUME DAMPER W/LOCKING QUAD.
	⊕	SUPPLY AIR DROP TABULATION. SEE SHT. M-2.
CFM		CUBIC FEET OF AIR PER MINUTE
ACFM		ACTUAL CUBIC FT. OF AIR PER MIN.
SCFM		STANDARD CUBIC FT. OF AIR PER MIN.

NOTE: EXH. AIR GRILLE - CARNES "CURTAINAIRE" MODEL SSCD-40. FURNISH WITH CORE WELDED TO FRAME & SLEEVE TO MATCH WALL CONDITION & INTEGRAL COLLAR. COLLAR SHALL BE BOLTED SECURELY TO SLEEVE. PROPOSED SUBSTITUTIONS FOR EXHAUST GRILLES SHALL BE MADE 15 DAYS PRIOR TO BID. A SAMPLE SHALL BE SUBMITTED FOR TESTING.



SMOKE REMOVAL SYSTEM PLAN

SCALE: 1/8" = 1'-0"

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JAIL ANNEX RENOVATION

sheet title: SMOKE REMOVAL SYSTEM PLAN

job no.

date 7/19/81 △

drawn by DAM

checked by PSA

sheet no. M-1