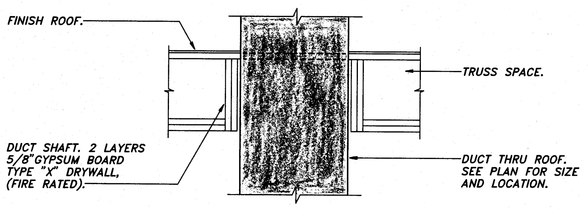
AIR CONDITIONING LEGEND		
SYMBOL	ITEM	ABBR
	ROUND DUCT	—
	SHEET METAL DUCT	—
	DUCT WITH ACOUSTIC LINING	—
	SUPPLY AIR DUCT DROP	—
	RETURN AIR DUCT DROP	—
	EXHAUST AIR DUCT DROP	—
	SUPPLY AIR DUCT RISE	—
	RETURN AIR DUCT RISE	—
	EXHAUST AIR DUCT RISE	—
	TURNING VANES	TV
	EXTRACTOR	—
	VOLUME CONTROL DAMPER WITH LOCKING QUADRANT	VCD
-OR-	FIRE DAMPER WITH ACCESS PANEL	FD
CFM	CUBIC FEET OF AIR PER MINUTE	CFM
T	THERMOSTAT @ +4'-0"	T'STAT
	DIRECTION OF FLOW	—
	SUPPLY AIR	SA
	RETURN AIR	RA
	EXHAUST AIR	EA
	OUTSIDE AIR	OSA
	PIPE OR DUCT TURN DOWN	—
	PIPE OR DUCT TURN UP	—
	BYPASS TIMER	BPT
	POINT OF CONNECTION	POC
	EXISTING (DESIGNATED)	(E)



DUCT PENETRATION THRU ROOF DETAIL

A / M-1

SCALE: NONE

GENERAL PROJECT NOTE – COORDINATION OF WORK

Layout of materials, equipment and systems is generally diagramatic unless specifically dimensioned. Some work may be shown offset for clarity. The actual locations of all materials, piping, ductwork, fixtures, equipment, supports, etc. shall be carefully planned, prior to installation of any work, to avoid all interferences with each other, or with structural, electrical, architectural or other elements. Verify the proper voltage and phase of all equipment with the electrical plans. All conflicts shall be called to the attention of the Architect and the Engineer prior to the installation of any work or the ordering of any equipment.

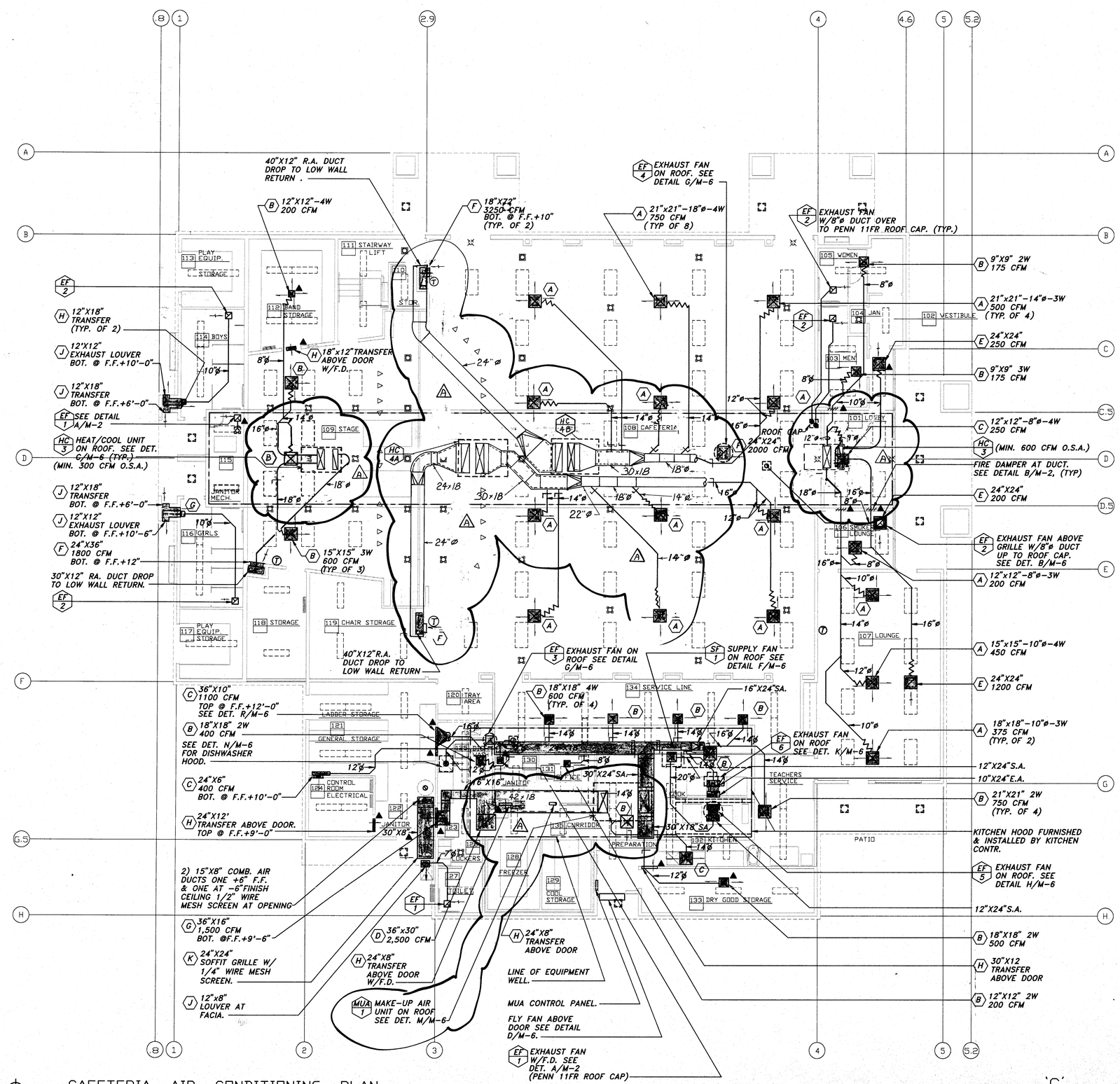
NOTE: ALL ROOF PENETRATIONS IN THIS BUILDING REQUIRE A DUCT SHAFT. SEE DETAIL A/M-1.

All mechanical and electrical equipment shall be braced or anchored to resist a horizontal force acting in any direction using the following criteria:

Fixed Equipment on GRADE 20% OF Operating Weight
Fixed Equipment on Structure 30% of Operating Weight

For Flexibly Mounted Equipment Use 4x the above values. Simultaneous Vertical Force – Use 1/3x Horizontal Force.

Where anchorage details are not shown on the drawings the field installation shall be subject to the approval of the mechanical engineer and the field representative of the Office of the State Architect.



north

CAFETERIA AIR CONDITIONING PLAN

1/8" = 1'-0"

'C'

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LICENSED ARCHITECT — L. WYE, GILBERT — C-10881 — REN 1-31-95 — STATE OF CALIFORNIA

C-8,610 C-10,401

The above drawings, specifications, and the ideas, designs and arrangements represented thereon are and shall remain the property of the architects and no part thereof shall be used for any purpose other than the specified project for which they have been prepared and developed without the written consent of the architects. Visual contact with these drawings and specifications shall constitute conclusive evidence of acceptance of these restrictions.

Contractors and subcontractors who have proceeded on work based upon these drawings and specifications shall be responsible for all dimensions or conditions in the field and shall notify the architect of any errors, omissions or conflicts in the drawings and specifications. Shop drawings and details must be submitted to the office for approval before proceeding with fabrication.

BAKERSFIELD CITY SCHOOL DISTRICT
MESA MARIN ELEMENTARY SCHOOL
BAKERSFIELD, CALIFORNIA

Sheet title: CAFETERIA AIR CONDITIONING PLAN

REGISTERED PROFESSIONAL ENGINEER — GILBERT L. WYE — M 026224 — Exp. 6-30-93 — MECHANICAL — STATE OF CALIFORNIA

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Date:	Issued for:

Date:		Revisions:
8-24-93		ADD #2
10-94	A	AS BUILTS

Drawn by: DLB
Checked by: LMB
Job no: 1229
Sheet: M.1
Sheet of
Date:

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APPROVED — MAR 8 1993 — STATE ARCHITECT — MECHANICAL — HEATING & VENTILATION