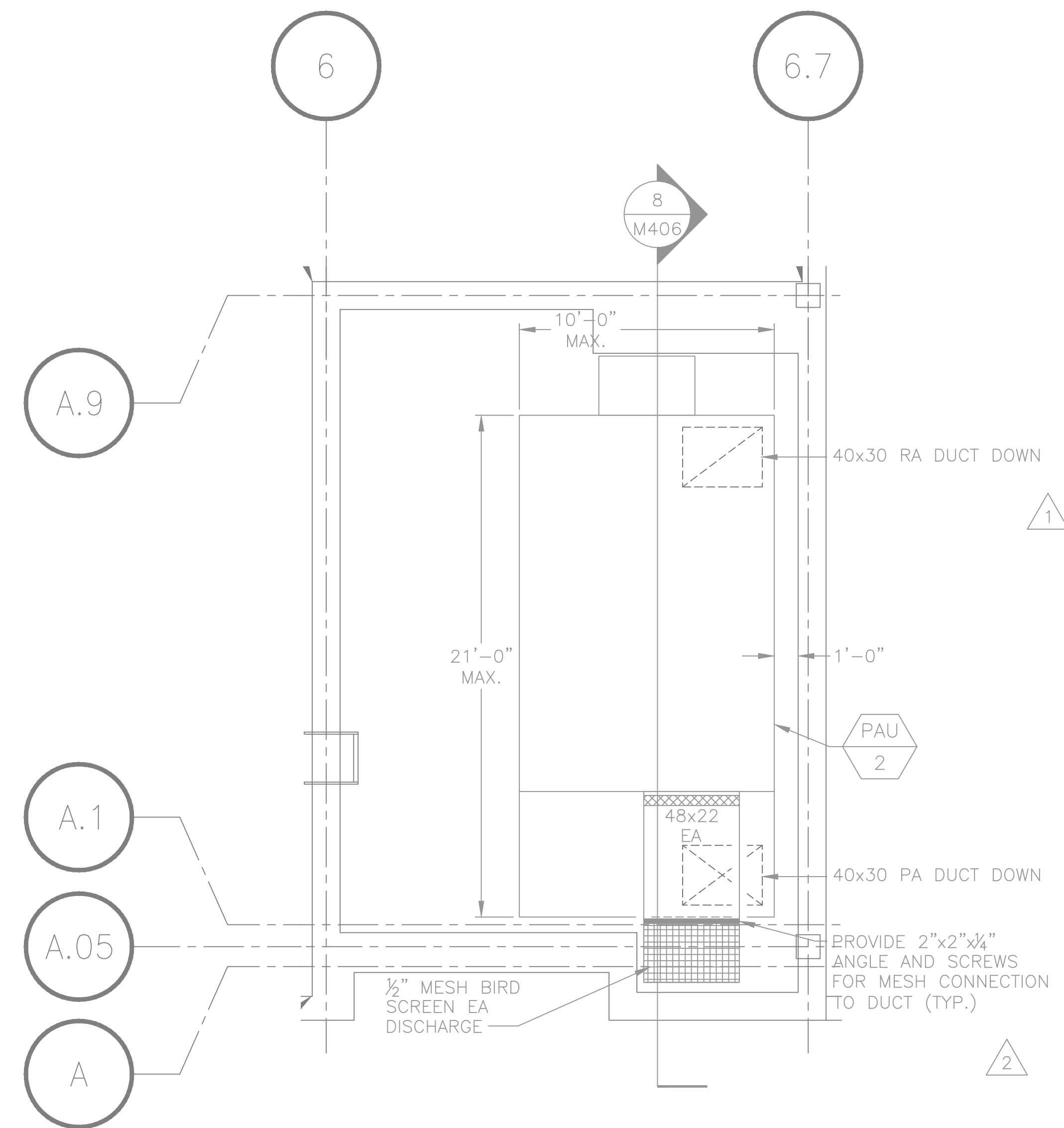
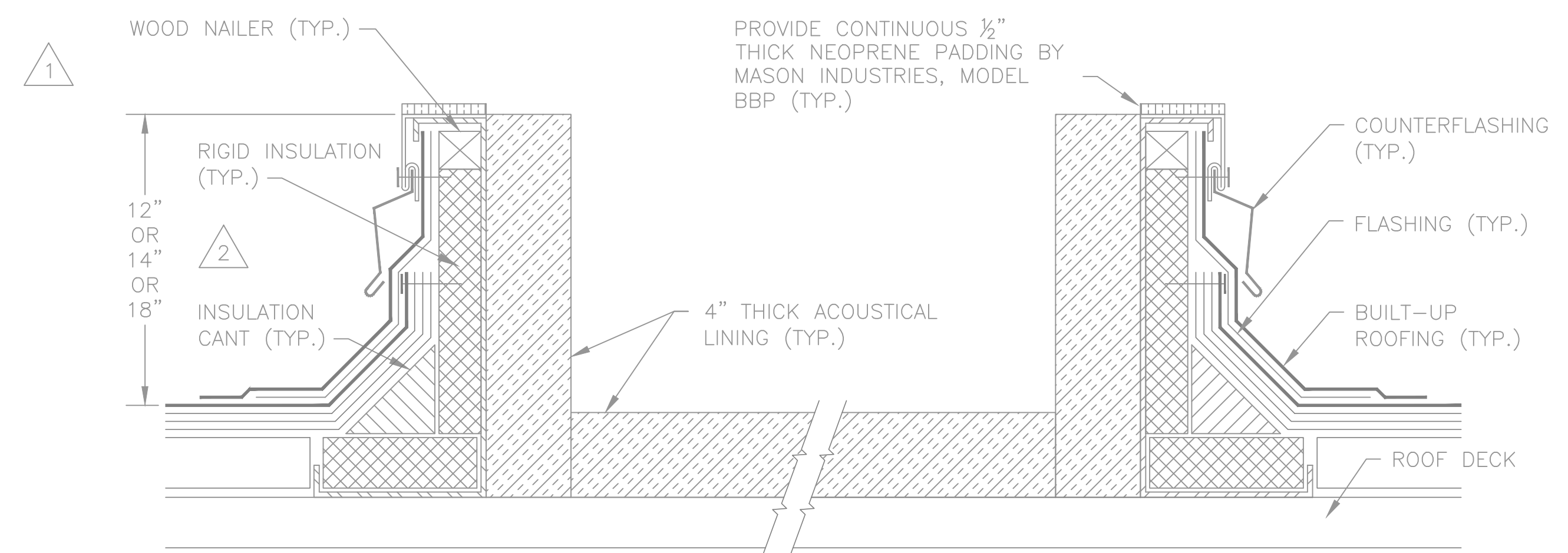


1 OPEN MECHANICAL AREA DETAIL
SCALE : 1/4" = 1'-0"



2 OPEN PARAPET AREA DETAIL
SCALE : 1/4" = 1'-0"



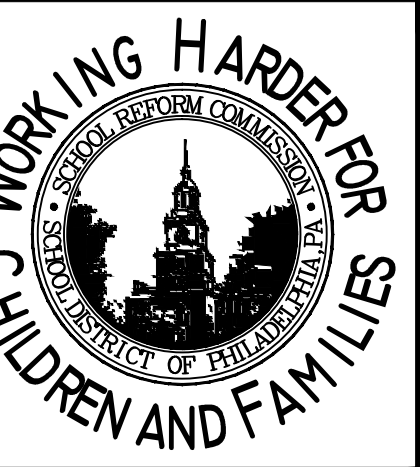
NOTE:

1. ROOF CURBS SHALL BE HEAVY GAUGE GALVANIZED STEEL, UNITIZED, WITH FULL MITERED CORNERS, ALL SEAMS WELDED, 2" THICK RIGID FIBERGLASS INSULATION AND PRESSURE TREATED WOOD NAILER.

3 EQUIPMENT ROOF CURB DETAIL
SCALE : NONE

MECHANICAL NOTES:

1. ALL EXTERIOR CONDENSER WATER PIPING AND COOLING TOWER EXTERIOR MAKE-UP WATER PIPING SHALL BE PROVIDED WITH ELECTRICAL HEAT TRACE. THIS WORK IS NOT PART OF ALTERNATE BID #9.
2. ALL CENTRAL AIR CONDITIONING UNITS (CAC), PRIMARY AIR UNITS (PAU), MAKE-UP AIR UNIT (MAU) AND KITCHEN EXHAUST AIR FAN (KEF) AND ALL THEIR ASSOCIATED DUCTWORK AND PIPING EXPOSED TO THE OUTDOORS, STRUCTURAL SUPPORT AND COOLING TOWER DUNNAGE, SHALL BE WEATHERPROOF PAINTED TO MATCH ROOF COLOR, WHICH SHALL BE SELECTED BY ARCHITECT.
3. CENTRAL AIR CONDITIONING UNITS CAC-1 AND CAC-3 SHALL BE PROVIDED WITH 18" ROOF CURB. PROVIDE 4" THICK ACOUSTICAL LINING FOR ROOF CURB.
4. PRIMARY AIR UNITS PAU-1 AND PAU-2 SHALL BE PROVIDED WITH 14" ROOF CURB. PROVIDE 4" THICK ACOUSTICAL LINING FOR ROOF CURB.
5. ALL OTHER CENTRAL AIR CONDITIONING UNITS (CAC), AND PRIMARY AIR UNITS PAU-1 AND PAU-2 MAKE-UP AIR UNIT (MAU-1), KITCHEN EXHAUST AIR FAN (KEF-1) AND EXTERIOR DUCTWORK ROOF/FLOOR OPENINGS SHALL BE PROVIDED WITH 12" ROOF CURB. PROVIDE 4" THICK ACOUSTICAL LINING FOR ROOF CURB.
6. ALL EXTERIOR PIPING PENETRATING ROOF/FLOOR SHALL BE PROVIDED WITH PIPE ROOF CURB.
7. ALL EXTERIOR SUPPLY AND RETURN AIR DUCTWORK FOR ALL CENTRAL AIR CONDITIONING UNITS (CAC), PRIMARY AIR UNITS (PAU) AND MAKE-UP AIR UNIT (MAU) SHALL BE PROVIDED WITH 2" THICK ACOUSTICAL LINING.
8. OUTSIDE AIR DUCTWORK SHALL NOT REQUIRE INSULATION AND SHALL BE WEATHERPROOF PAINTED TO MATCH ROOF COLOR, WHICH SHALL BE SELECTED BY ARCHITECT.



SEAL



SCHOOL & LOCATION
Commodore John Barry Elementary School
5900 Race Street, Philadelphia PA 19139

PROJECT TITLE
NEW CONSTRUCTION

DRAWING TITLE
HVAC DETAILS 5

APPROVED BY

SCHOOL DISTRICT OF PHILADELPHIA
THE SCHOOL REFORM COMMISSION

DEPARTMENT OF DESIGN AND CONSTRUCTION SERVICES

DATE: 07/29/06
FILE NO. 120

CONTRACTOR TO VERIFY ALL CONDITIONS AND DIMENSIONS AT SITE

NO.	DATE	REVISION
1	07/29/06	ADDITION No. 2
2	07/29/06	ADDITION No. 1
3		
4		
5		
6		
7		
8		

SPEC NO. B-840C of 2005/06	DATE 12/29/06
SCALE 1/4"=1'-0"	LOCATION NO. 120
DRAWN BY KHL	TYPE NO. -
CHECKED BY MMT	FILE NO. -

DRAWING NO.
M404