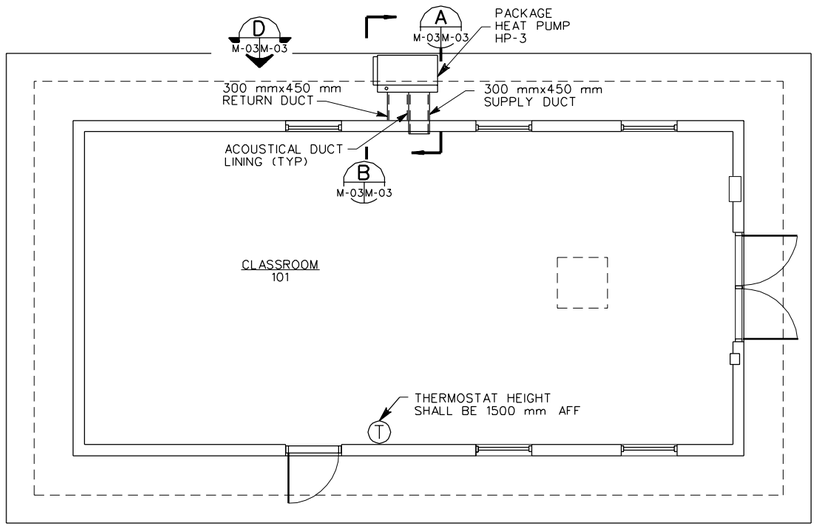


FLOOR PLAN

SCALE 1 : 50

HEAT PUMP SCHEDULE (INSTRUCTION BUILDING)

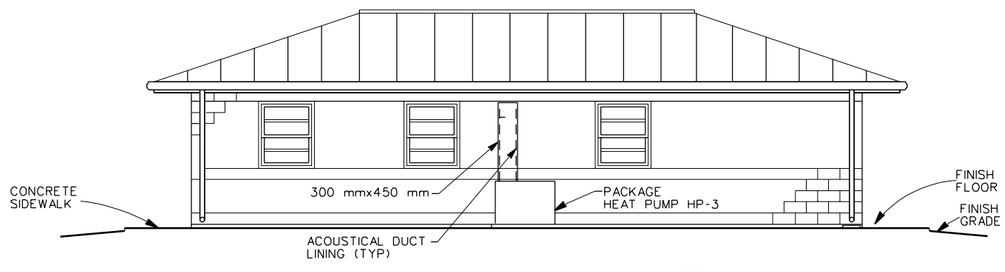
UNIT NO.	COOLING								HEATING		ELECTRICAL			NOTES	REMARKS
	L/s		CAPACITY (W)		O.A.		E.A.T.		TOTAL CAPACITY W @ -2 C	ELECTRIC STRIP (KW)	VOLTS	PHASE	HZ		
	TOTAL	OA	TOTAL	SENSIBLE	DB (C)	WB (C)	DB (C)	WB (C)							
HP-3														1 THRU 10	PACKAGE HEAT PUMP

NOTES:

1. 2 POSITION CONTROL VENTILATION, 2 SPEED FAN.
2. FULLY AUTOMATIC CONTROLS FROM HEATING TO COOLING MODE.
3. PACKAGED HEAT PUMP LOCATED ON CONCRETE SIDEWALK SEE ARCHITECTURAL SHEET.
4. COIL MAXIMUM VELOCITY IS 2.54m/s.
5. HEAT PUMP MANUFACTURER SHALL PROVIDE WALL SLEEVE AND UNIT SUB-BASE WITH HEAT PUMP.
6. FOR WALL PENETRATION SEE ARCHITECTURAL SHEET.
7. MAXIMUM FILTER FACE VELOCITY IS 1.77m/s.
8. UNIT PROVIDED WITH 25 mm THICK THROWAWAY FILTER.
9. DISCONNECT SWITCH PROVIDED BY HEAT PUMP MANUFACTURER.
10. ALL DUCT SHALL HAVE DUCT LINING PER SPECIFICATIONS.

GRAPHIC SCALE

1:50 1000 500 0 1000 2000

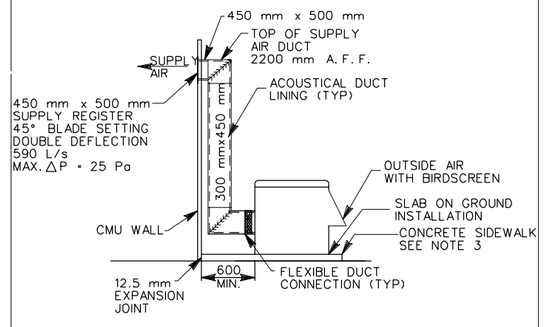


NOTE:

CMU BUILDING SHOWN
METAL BUILDING SIMILAR

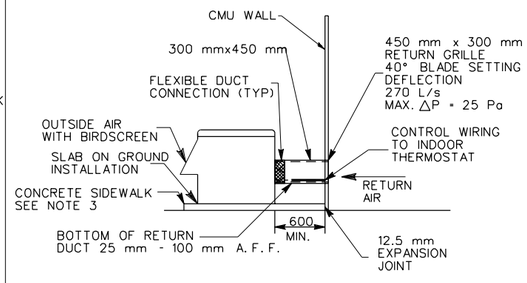
ELEVATION D

SCALE : 1:50 M-03M-03



SECTION A

NOT TO SCALE M-03M-03



SECTION B

NOT TO SCALE M-03M-03

US Army Corps of Engineers

Symbol	Description	Date	Approved	Symbol	Description	Date	Approved

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Dwn by: CWL
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Submitted by: SJP
Date: 01 APR 98
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Design file no.
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U.S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE
HUNTSVILLE, ALABAMA

FORCE XXI/FORCE MODERNIZATION PROGRAM
STANDARD DESIGN
GENERAL INSTRUCTION BUILDING

Sheet reference number:
M-03
Sheet of