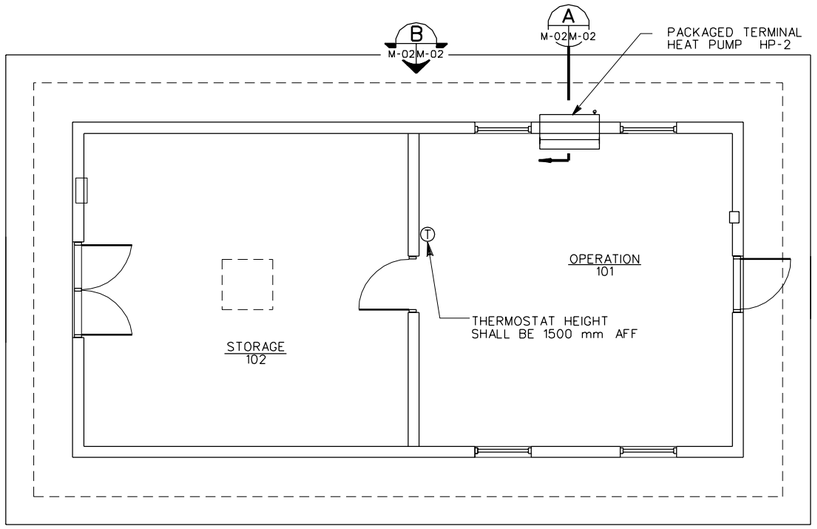



## FLOOR PLAN

SCALE : 1:50

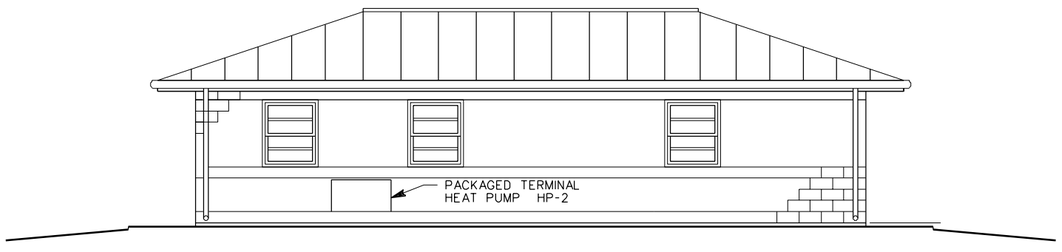
| HEAT PUMP SCHEDULE (OPERATIONS/STORAGE) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | COOLING | | | | | | | | HEATING | | ELECTRICAL | | | NOTES | REMARKS |
| | L/s | | CAPACITY (W) | | O.A. | | E.A.T. | | TOTAL CAPACITY W @ -2 °C | ELECTRIC STRIP (KW) | | | | | |
| UNIT NO. | TOTAL | OA | TOTAL | SENSIBLE | DB (C) | WB (C) | DB (C) | WB (C) | | | VOLTS | PHASE | HZ | | |
| HP-2 | | | | | | | | | | | | | | 1THRU 8 | PACKAGE TERMINAL HEAT PUMP |

NOTES:

1. 2 POSITION CONTROL VENTILATION, 2 SPEED FAN.
2. FULLY AUTOMATED CONTROLS FROM HEATING TO COOLING MODE.
3. COIL MAXIMUM VELOCITY IS 2.54 m/s.
4. HEAT PUMP MANUFACTURER SHALL PROVIDE WALL SLEEVE AND UNIT SUB-BASE WITH HEAT PUMP.
5. FOR WALL PENETRATION SEE ARCHITECTURAL SHEET.
6. MAXIMUM FILTER FACE VELOCITY IS 1.77 m/s.
7. UNIT PROVIDED WITH 25 mm THICK THROWAWAY FILTER.
8. DISCONNECT SWITCH PROVIDED BY HEAT PUMP MANUFACTURER.

GRAPHIC SCALE

1:50 1000 500 0 1000 2000

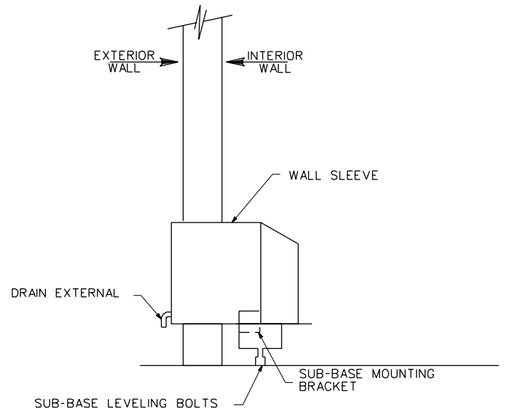



NOTE:

CMU BUILDING SHOWN
METAL BUILDING SIMILAR

## ELEVATION B M-02M-02

SCALE : 1:50




NOTES:

1. INSTALLED WALL SLEEVE MUST BE LEVEL FROM SIDE TO SIDE AND FRONT TO BACK.
2. HEAT PUMP MANUFACTURER SHALL PROVIDE WALL SLEEVE AND UNIT SUB-BASE WITH HEAT PUMP.
3. HEAT PUMP SHALL BE INSTALLED A MINIMUM OF 75 mm A.F.F.

## SECTION A M-02M-02

NOT TO SCALE

US Army Corps of Engineers

| Symbol | Description | Date | Approved | Symbol | Description | Date | Approved |
|---|---|---|---|---|---|---|---|

Designed by: CWL
Dwn by: CWL
Ckd by: CWL
Reviewed by: NWR
Submitted by: SJP
Date: 01 APR 98
Rev.
Design file no.
Drawing code: STD 171-23-01
File name: STD M02.DGN
Plot date: 20 MAR 98
Plot scale: FULL

U.S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE
HUNTSVILLE, ALABAMA

FORCE XXI/FORCE MODERNIZATION PROGRAM
STANDARD DESIGN

OPERATIONS/STORAGE BUILDING

Sheet reference number:
M-02

Sheet of