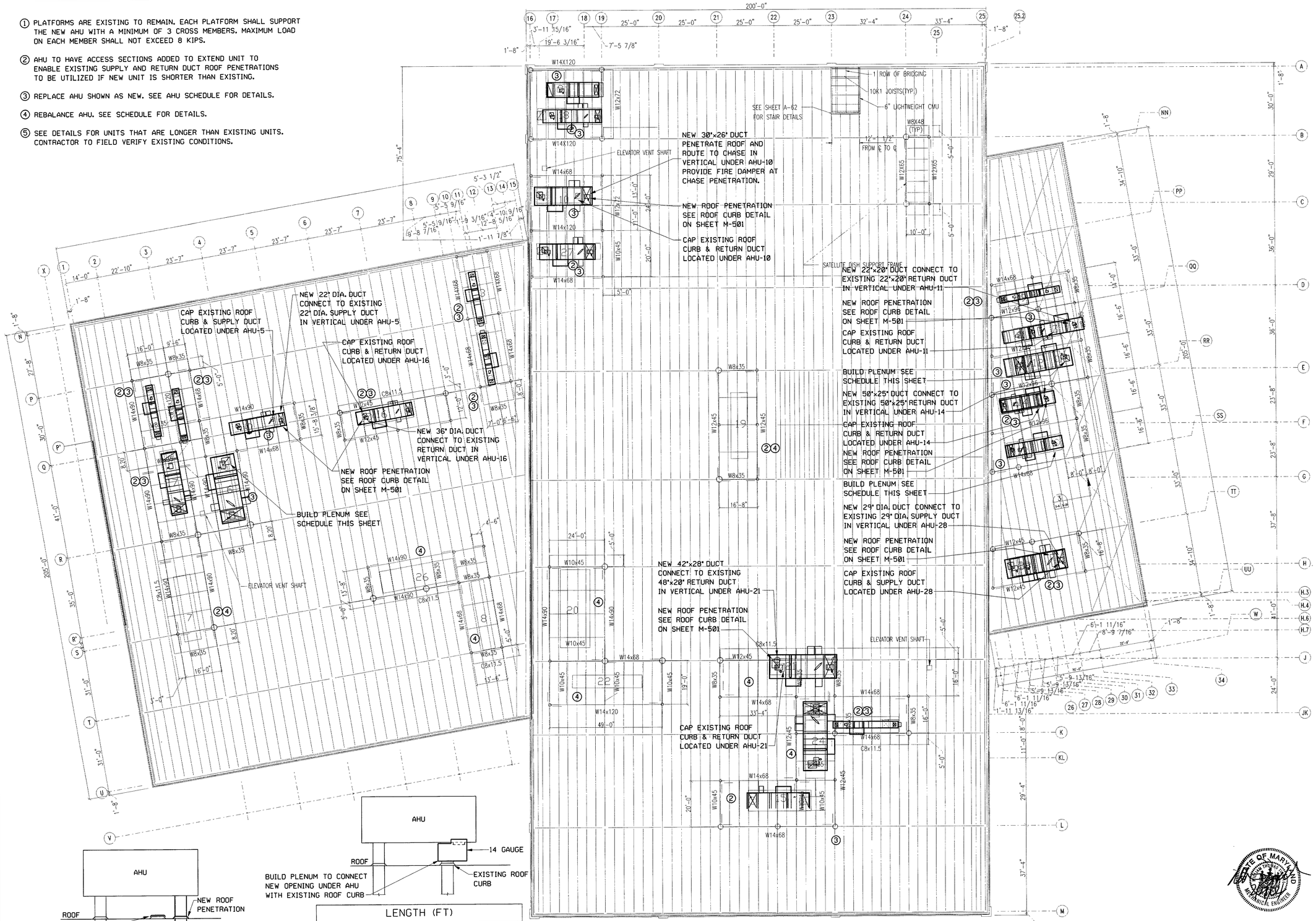
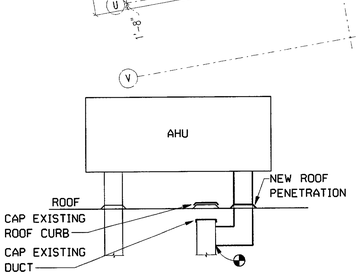
GENERAL NOTES:

1. PLATFORMS ARE EXISTING TO REMAIN. EACH PLATFORM SHALL SUPPORT THE NEW AHU WITH A MINIMUM OF 3 CROSS MEMBERS. MAXIMUM LOAD ON EACH MEMBER SHALL NOT EXCEED 8 KIPS.
2. AHU TO HAVE ACCESS SECTIONS ADDED TO EXTEND UNIT TO ENABLE EXISTING SUPPLY AND RETURN DUCT ROOF PENETRATIONS TO BE UTILIZED IF NEW UNIT IS SHORTER THAN EXISTING.
3. REPLACE AHU SHOWN AS NEW. SEE AHU SCHEDULE FOR DETAILS.
4. REBALANCE AHU. SEE SCHEDULE FOR DETAILS.
5. SEE DETAILS FOR UNITS THAT ARE LONGER THAN EXISTING UNITS. CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS.



ROOF PLAN AND AHU LOCATIONS

1/16" = 1'-0"



TYPICAL AHU CONNECTION DETAIL

FOR AHU-5, 10, 11, 14, 16, 21 & 28

LENGTH (FT)				
AHU	SUPPLY OR RETURN	LENGTH (FT)	WIDTH (FT)	EXISTING DUCT SIZE
6	RETURN	6	4	44"x20"
12	RETURN	5	5	39" DIA.
13	RETURN	5	5	45" DIA.

TYPICAL PLENUM DETAIL

FOR AHU-6, 12 & 13

THESE DOCUMENTS HAVE BEEN PREPARED PRIMARILY BASED ON INFORMATION PROVIDED BY OTHERS. I.C. THOMASSON HAS NOT VERIFIED THE ACCURACY OF ALL INFORMATION PROVIDED BY OTHERS. SEE LIMIT OF LIABILITIES STATEMENT ON COVER SHEET.

US ARMY ENGINEERING AND SUPPORT CENTER HUNTSVILLE

Symbol	Description	Date	Appr.	Symbol	Description	Date	Appr.

Checked by: WTT
Dwn by: ICT
DAC-A87-03-D-0006
Approved by:
Chief, Prj. Mgmt. Division
Date: 02/27/04
CADD File Name: 3121M701
ICT Project No. 203121
Plot date: 02/27/04
Plot scale:

TASK ORDER #1 FRR004

VANGUARD ENGINEERING

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DEFENSE INFORMATION SCHOOL
FT. MEADE MARYLAND

ROOF PLAN - MECHANICAL PLATFORM LOCATION

STATE OF MARYLAND — MECHANICAL ENGINEER

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