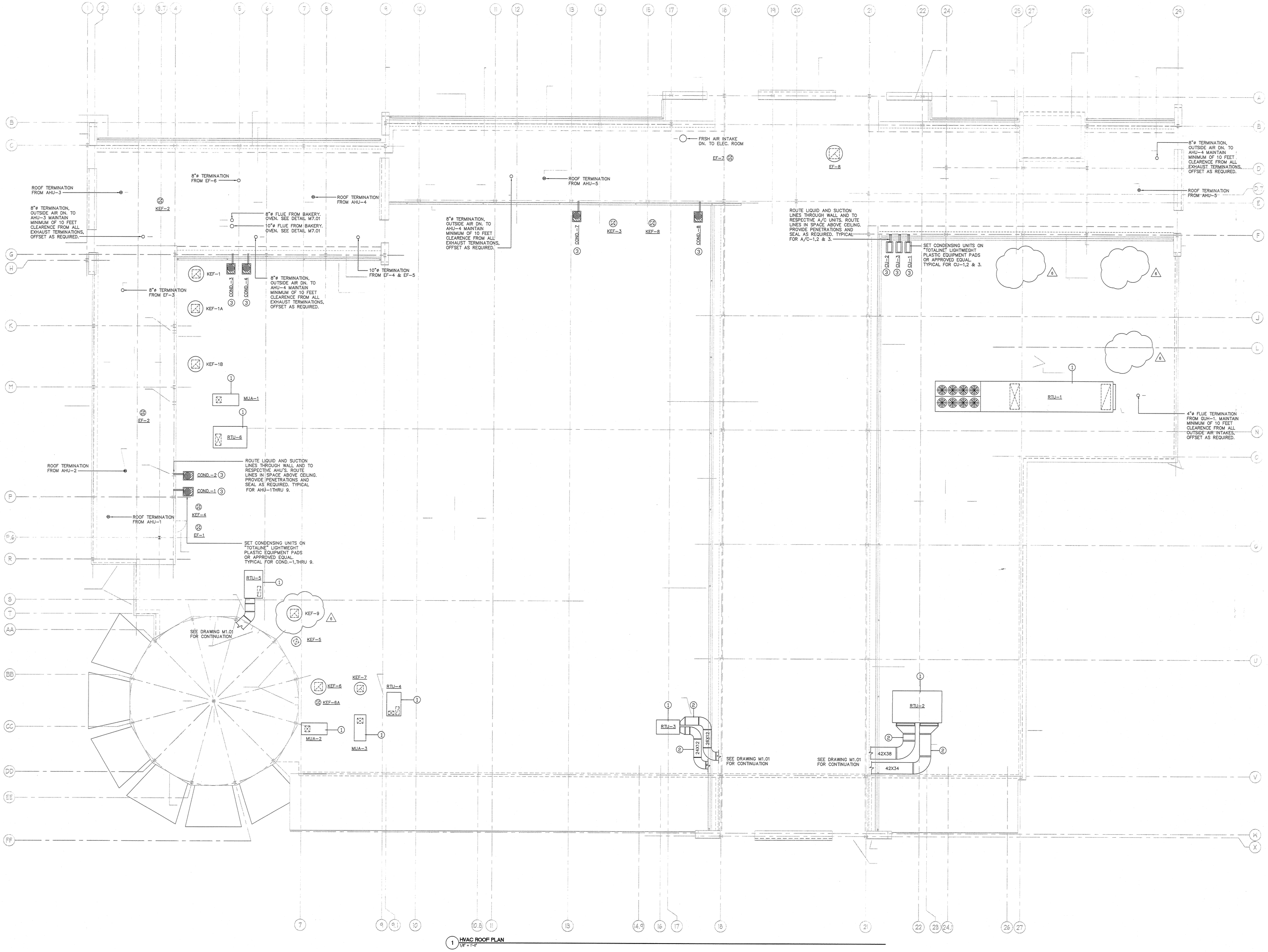

1 HVAC ROOF PLAN
1/8" = 1'-0"

HVAC NOTES BY SYMBOLS

1. NEW ROOF TOP UNIT TO BE LOCATED ON ROOF. COORDINATE EXACT LOCATION OF EQUIPMENT WITH BUILDING LANDLORD, AND EQUIPMENT STRUCTURAL SUPPORT REQUIREMENTS. CONTRACTOR TO INCLUDE IN BID ANY MODIFICATIONS TO EXISTING STRUCTURE TO ACCOMMODATE NEW ROOFTOP UNIT. PROVIDE CLEARANCES AND INSTALL AS REQUIRED BY MANUFACTURER INSTALLATION INSTRUCTIONS. CONTRACTOR TO PROVIDE NEW FACTORY ROOF CURB. COORDINATE NEW DUCTWORK WITH STRUCTURAL MEMBERS. NO WORK PERFORMED SHOULD NULL OR VOID ROOFING WARRANTY.
2. NEW HORIZONTAL DUCTWORK FROM RTU ON ROOF TO PENETRATE SIDE OF EXISTING ROOF. FLASH AND SEAL AS REQUIRED. CONTRACTOR TO PROVIDE ALL FLEXIBLE CONNECTIONS, SHEETMETAL TRANSITIONS AND SEALANT FOR A WATERTIGHT INSTALLATION. UV RESISTANT WEATHERPROOFING SHALL BE APPLIED TO ALL EXPOSED DUCTWORK. HORIZONTAL DUCTWORK TO BE TAPERED TO SHED WATER.
3. NEW CONDENSING UNIT TO BE LOCATED ON ROOF. SEE DETAIL M7.01. CONTRACTOR TO COORDINATE EXACT LOCATION OF EQUIPMENT WITH BUILDING OWNER. PROVIDE CLEARANCES AS REQUIRED BY MANUFACTURER INSTALLATION INSTRUCTIONS. CONTRACTOR TO PROVIDE PAD ON ROOF TO ACCOMMODATE NEW CONDENSING UNITS. NO WORK PERFORMED SHOULD NULL OR VOID ROOFING WARRANTY.

HVAC GENERAL NOTES

1. DUCTWORK DIMENSIONS LISTED ON DRAWING INDICATES AIRSTREAM DIMENSION REQUIREMENTS.
5. ALL RETURN AIR AND ALL VERTICAL SUPPLY AIR DUCT TO BE INTERNALLY LINED. LINE HORIZONTAL SUPPLY AIR DUCT FOR THE FIRST 10 FEET IN ALL DIRECTIONS.
7. DIV. 16 TO PROVIDE SMOKE DETECTORS. DIV. 15 TO INSTALL IN SUPPLY AND RETURN DUCT FOR ALL AIR CONDITIONING UNITS AT OR ABOVE 2000 CFM. WIRED BY DIV. 16.
8. CONFIRM THAT ALL MECHANICAL EQUIPMENT MEETS LOCAL BUILDING, DESIGN AND ENERGY CRITERIA PRIOR TO PURCHASE.
10. CONTRACTOR TO VISIT SITE PRIOR TO BID TO VERIFY EXACT LOCATION FOR ALL ROOF MOUNTED EQUIPMENT. CONTRACTOR TO CARRY ALLOWANCE IN BID FOR ADDITIONAL DUNNAGE FOR CONDENSING UNITS. CONTRACTOR TO CARRY ALLOWANCE IN BID FOR ADDITIONAL DUCT AND PIPING RUNS NEEDED BASED ON EXACT LOCATION OF ROOF MOUNTED EQUIPMENT.
11. CONTROLS MANUFACTURER IS DANFOSS. CONTRACTOR TO PROVIDE CONTROLS AND EQUIPMENT NEEDED. COORDINATE WITH DANFOSS REPRESENTATIVE, PETER FLYNN, PHONE # 508-234-5221.

PLAN NORTH ACTUAL NORTH

THESE DRAWINGS SHALL NOT BE UTILIZED BY ANY PERSON, FIRM OR CORPORATION WITHOUT THE SPECIFIC WRITTEN PERMISSION OF BL COMPANIES

BL Companies
ARCHITECTURE
ENGINEERING
PLANNING
LANDSCAPE ARCHITECTURE
LAND SURVEYING
ENVIRONMENTAL SCIENCES
ANALYTICAL SERVICES

355 Research Parkway
Meriden, CT 06450
(203) 630-1406
(203) 630-2615 Fax

WHOLE FOODS MARKET

EQUIPMENT AND VE CHANGES

PROPOSED GROCERY STORE
2 SOMERSET STREET
PORTLAND, CUMBERLAND COUNTY, MAINE

No.	Date	Desc.

REVISIONS No.	Date	Desc.
1	6/20/06	EQUIPMENT AND VE CHANGES

ARCHITECT/ENGINEER SEAL

Designed	D.B.
Drawn	J.P.
Checked	A.R.
Approved	D.B.
Scale	AS NOTED
Project No.	04C0829
Date	04-24-06
CAD File	A04C0829101

Title
HVAC ROOF PLAN

Sheet No.
M1.03

K:\Jobs\04C0829\Arch\M\04C0829103.dwg June 29, 2006 - 4:54 AM