

HVAC LEGEND

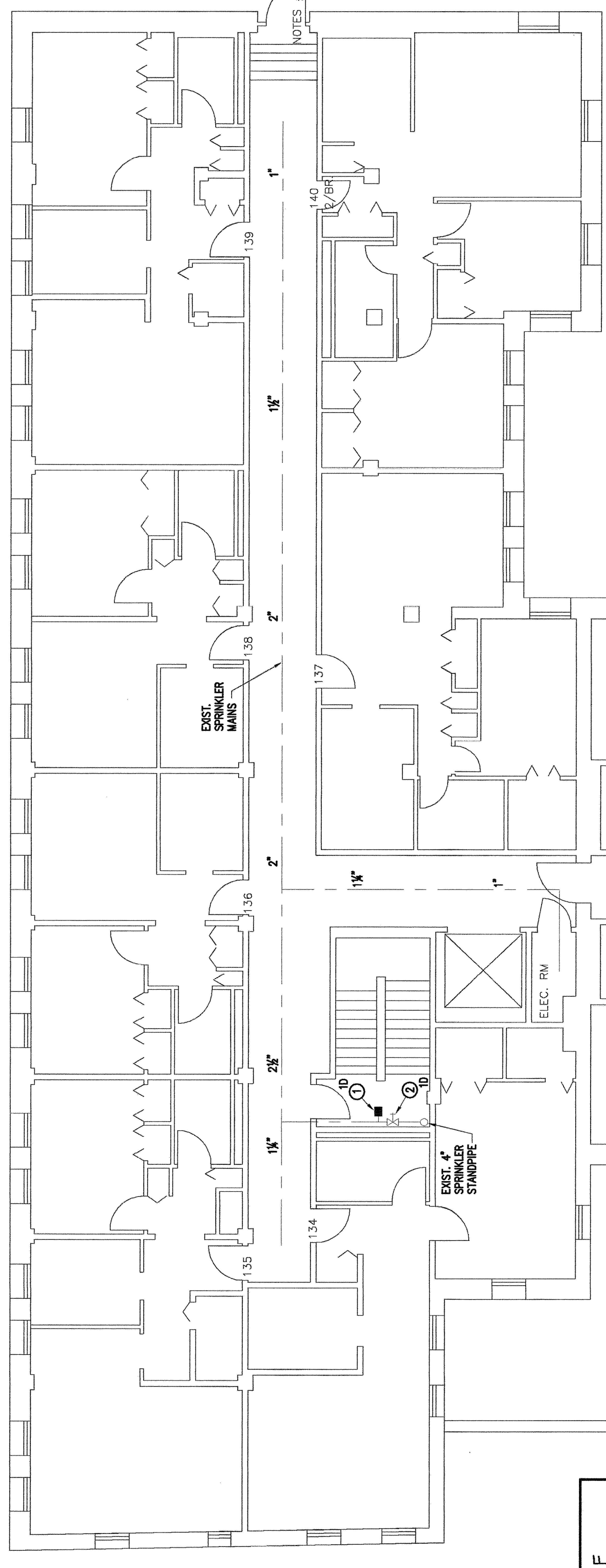
- HOT WATER SUPPLY HEATING PIPING - HWS
- HOT WATER RETURN HEATING PIPING - HWR
- EXIST. SPRINKLER MAIN
- PIPING TURNED UP
- PIPING TURNED DOWN
- NEW 1/2" FLAT FINISHED STEEL COVER PIPES SHALL BE INSTALLED WITH TAMPER RESISTANT SCREWS (W/STAMP INDICATING UNIT CONTROLLED)
- AUTOMATIC CONTROL VALVE (SEE SCHEDULE)
- SCV
- SELF CONTAINED CONTROL VALVE
- POINT OF CONNECTION OF NEW TO EXISTING

GENERAL NOTES

1. ALL ROOM TEMPERATURE SENSORS SHALL BE LOCATED A MINIMUM OF 12" HORIZONTALLY FROM WALLS AND 4" ABOVE FINISH FLOOR FOR VAV CONTROL.

NEW TO EXISTING CONNECTION NOTES:

1. INSTALL NEW AUTOMATIC CONTROL VALVE ON EXIST. PIPE IN EXIST. RADIATION FOR 18 HIC APART. UNITS UNDER BASE BLD.
2. REPLACE EXISTING SIZE CONTAINED VALVE (SCV) ON EXISTING PIPE IN EXIST. RADIATION ENCLOSURE FOR 14 APART. UNITS AND PROVIDE NEW AUTOMATIC CONTROL VALVE WITH MOUNTED ROOM SENSOR FOR THE 14 APART. UNITS UNDER BASE BLD.

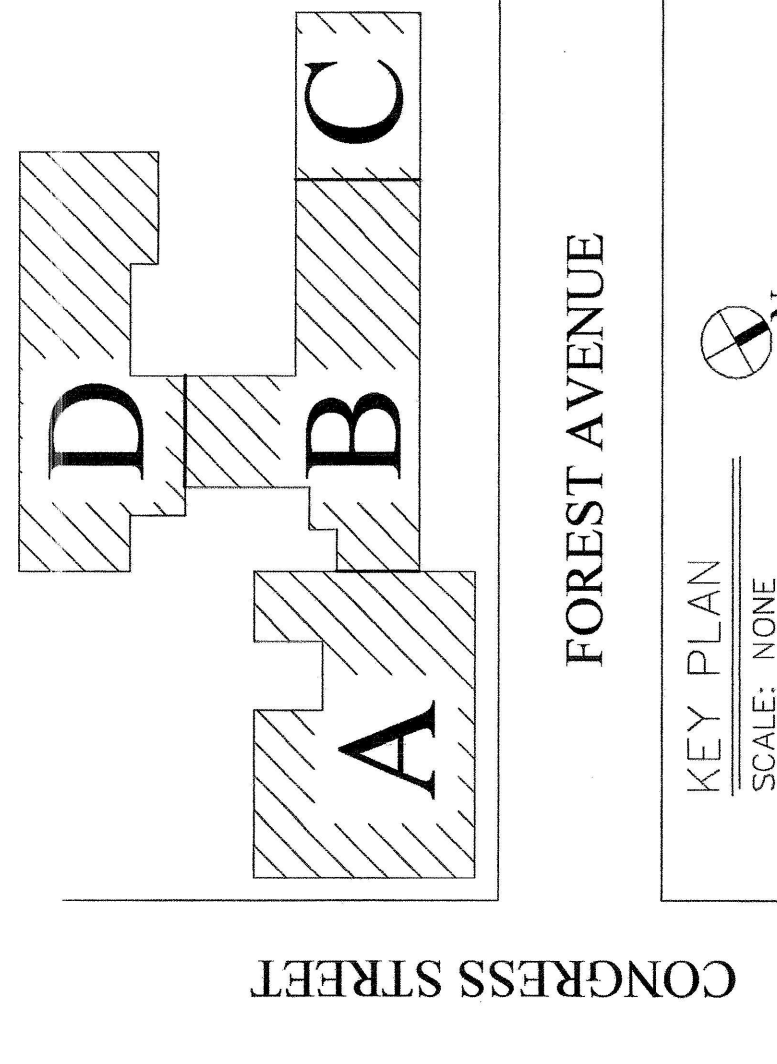
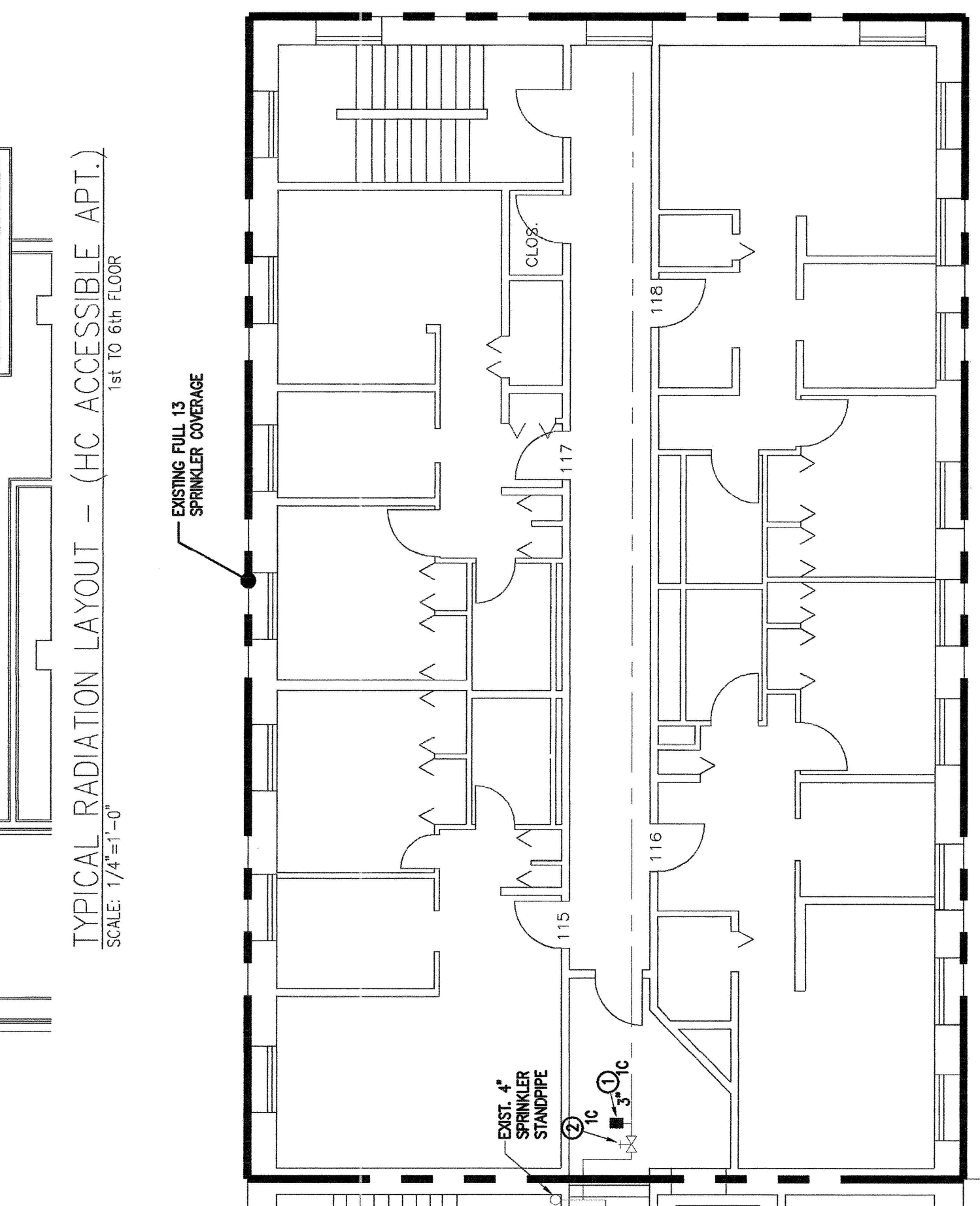
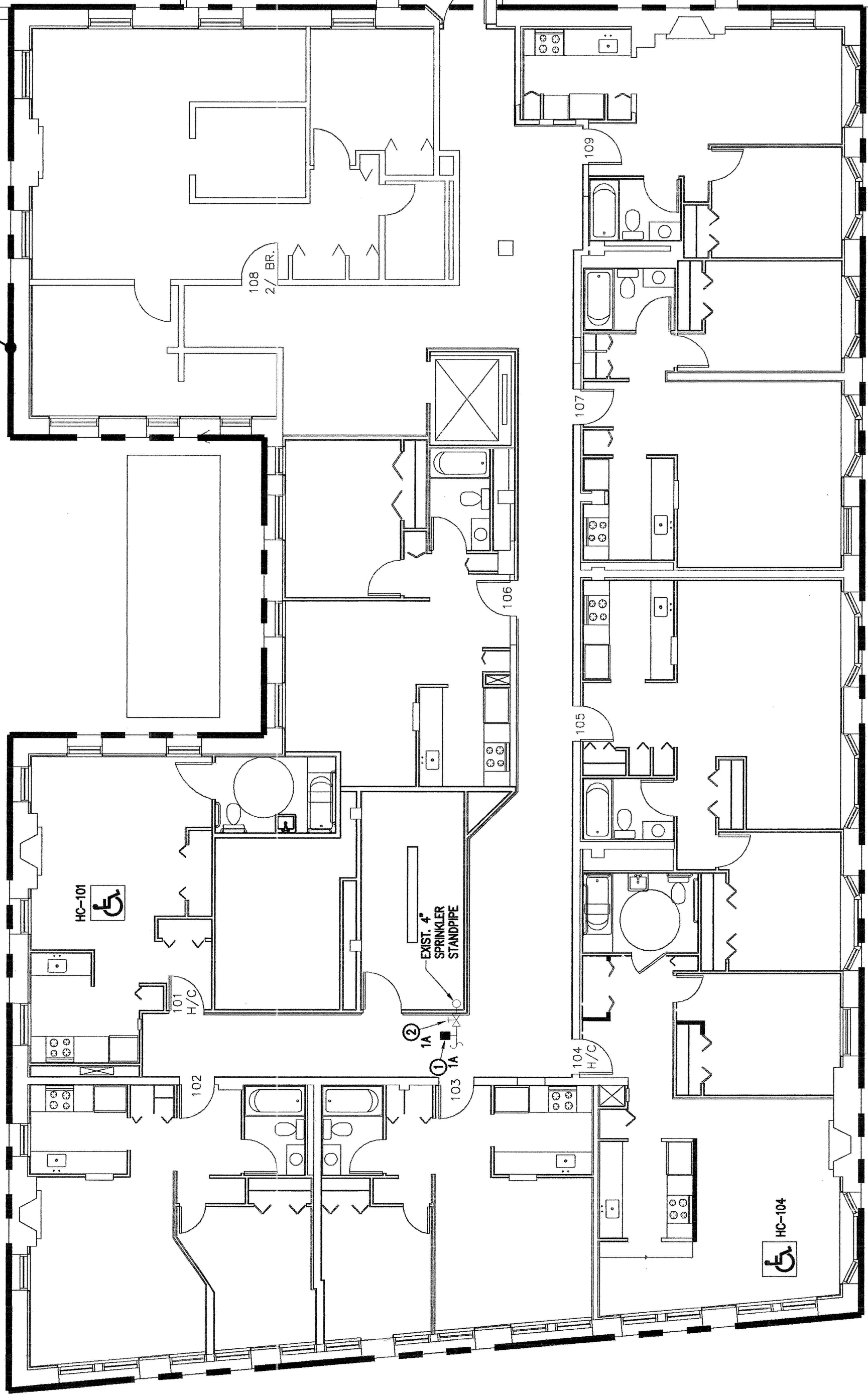
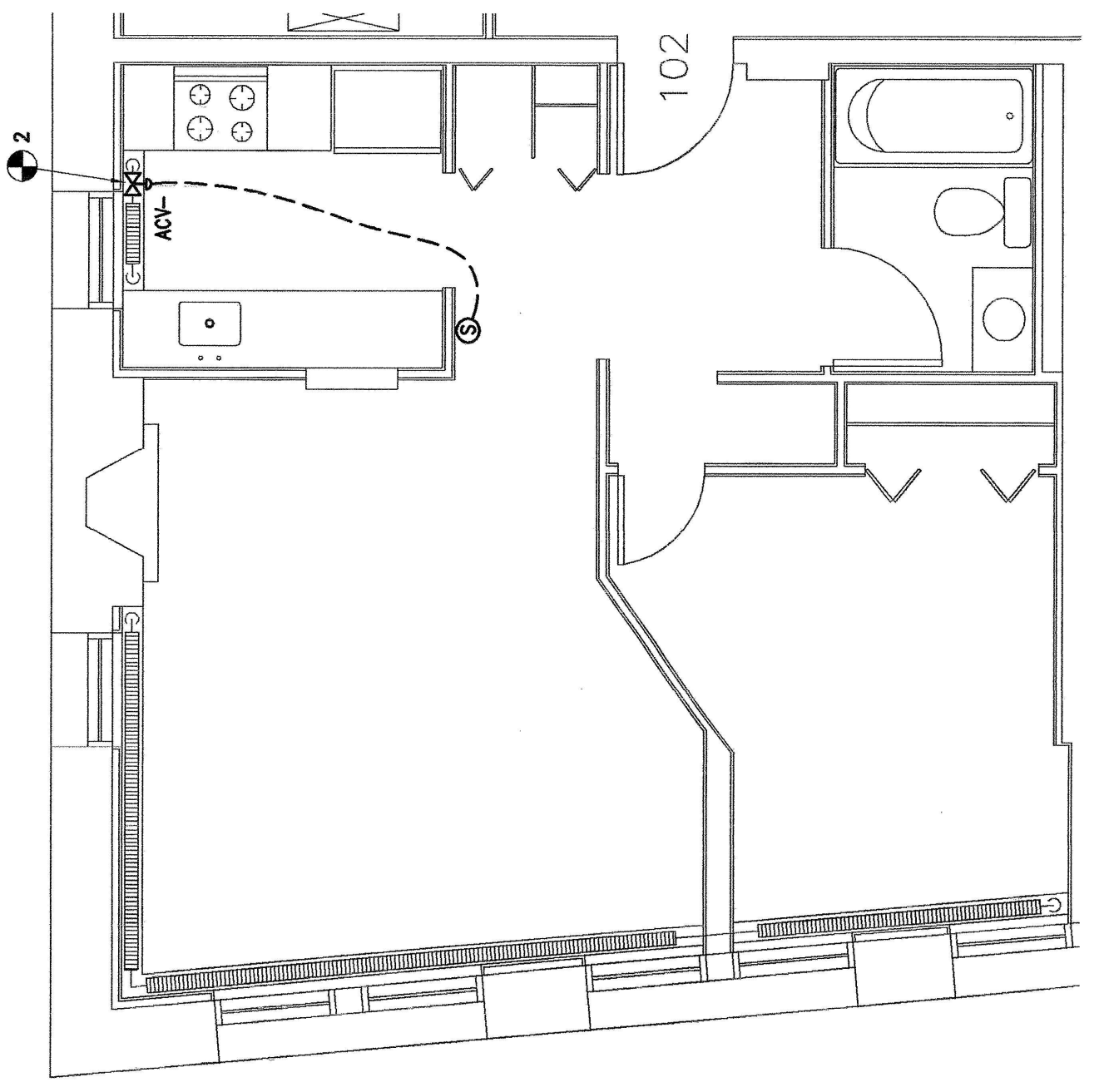
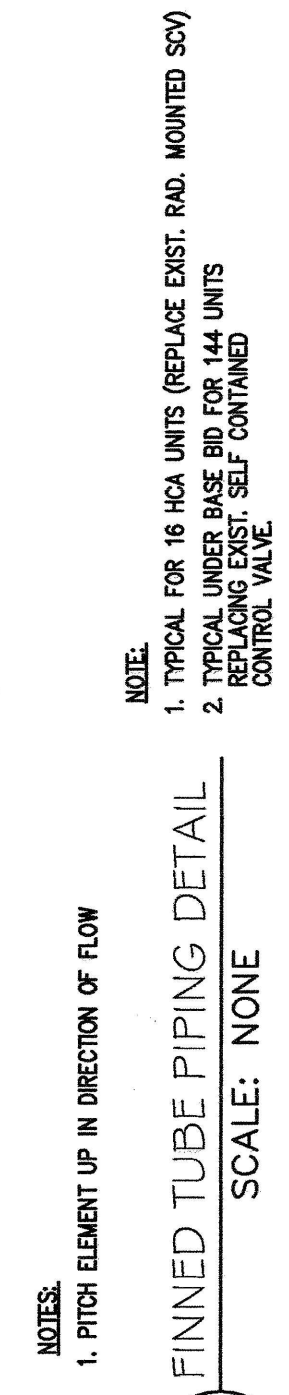


AUTOMATIC CONTROL VALVE SCHEDULE

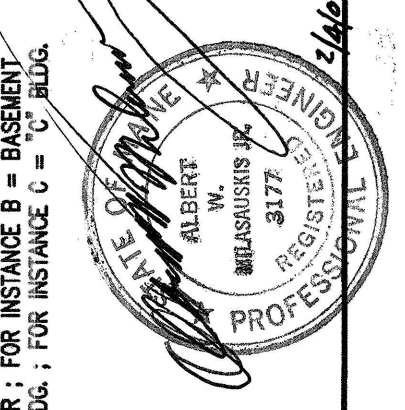
UNIT	MIN VALVE SIZE	PIPING SIZE	CONTROL CYCLE	SERVES
101-109	1/2"	3/4"	RTS & HTR	EXIST. RADIATION
				DOC-ROOM SENSOR

FIRE PROTECTION GENERAL NOTES

1. ALL NEW PIPING SHALL BE INSTALLED IN ACCORDANCE WITH THE 2005 MAINE PLUMBING CODE AND ALL APPLICABLE REGULATIONS THAT APPLY TO THE PROJECT.
2. ALL AREAS NOT INDICATED WITHIN THE AREA OF WORK SHALL REMAIN UNCHANGED AND SHALL BE RESPONSIBLE FOR THE CONTRACTOR TO VERIFY THE EXISTING CONDITIONS THAT APPLY TO THE PROJECT.
3. ALL AREAS INDICATED WITHIN THE AREA OF WORK SHALL HAVE EXIST. SPRINKLER COMPARTMENTS MOVED OR NEW TO PROVIDE FULL COVERAGE AS INDICATED. EXTEND ALL PIPING AS NECESSARY TO PROVIDE FULL COVERAGE. HYDRAULIC CALCULATIONS TO PROVIDE FULL COVERAGE.
4. LOCATION OF EXISTING SPRINKLER SERVICE ENTRANCE TO REMAIN. ALL SYSTEM MONITORING DEVICES SHALL REMAIN OR BE RELOCATED TO MEET THE NEW ADDRESSABLE FIRE ALARM CONTROL SYSTEM.
5. EXISTING NEW CONSTRUCTION AREA TO BE RECONSTRUCTED. RELOCATE EXISTING HEADS FOR FULL COVERAGE ABOVE AND BELOW DROP CEILING. RELOCATE PIPING AS REQUIRED.
6. LOCATION OF NEW FIRE ALARM CONTROL SHALL BE RELOCATED TO MEET THE NEW ADDRESSABLE FIRE ALARM SYSTEM FOR THE NEW ADDRESSABLE FIRE ALARM SYSTEM.



BID SET
FEBRUARY 4, 2005



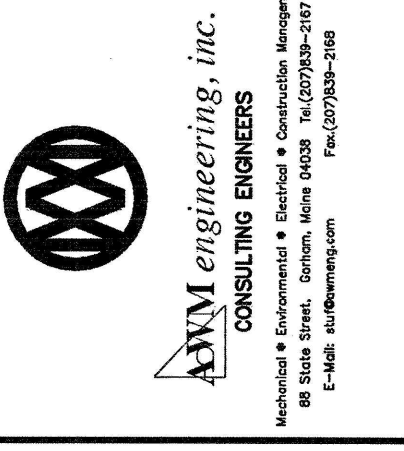
Drawing:

Date: 2-4-05
Scale: 1/8" = 1'-0"
Drawn: CLC
Checked: AWM

Project:
RENOVATION OF CONGRESS SQUARE PLAZA
10 CONGRESS STREET
PORTLAND, MAINE 04101

Architect:
ARCHETYPE, P.A. ARCHITECTS
48 Union Wharf
Portland, Maine 04101
(207) 772-6022 Fax (207) 772-4056

Owner:
HARBOR MANAGEMENT CO.
23 CENTRAL AVENUE
SUITE 710
LYNN, MA 01901



FOREST AVENUE

KEY PLAN
SCALE: NONE

M1

FIRST FLOOR APARTMENTS MECHANICAL