

KEYED NOTES:

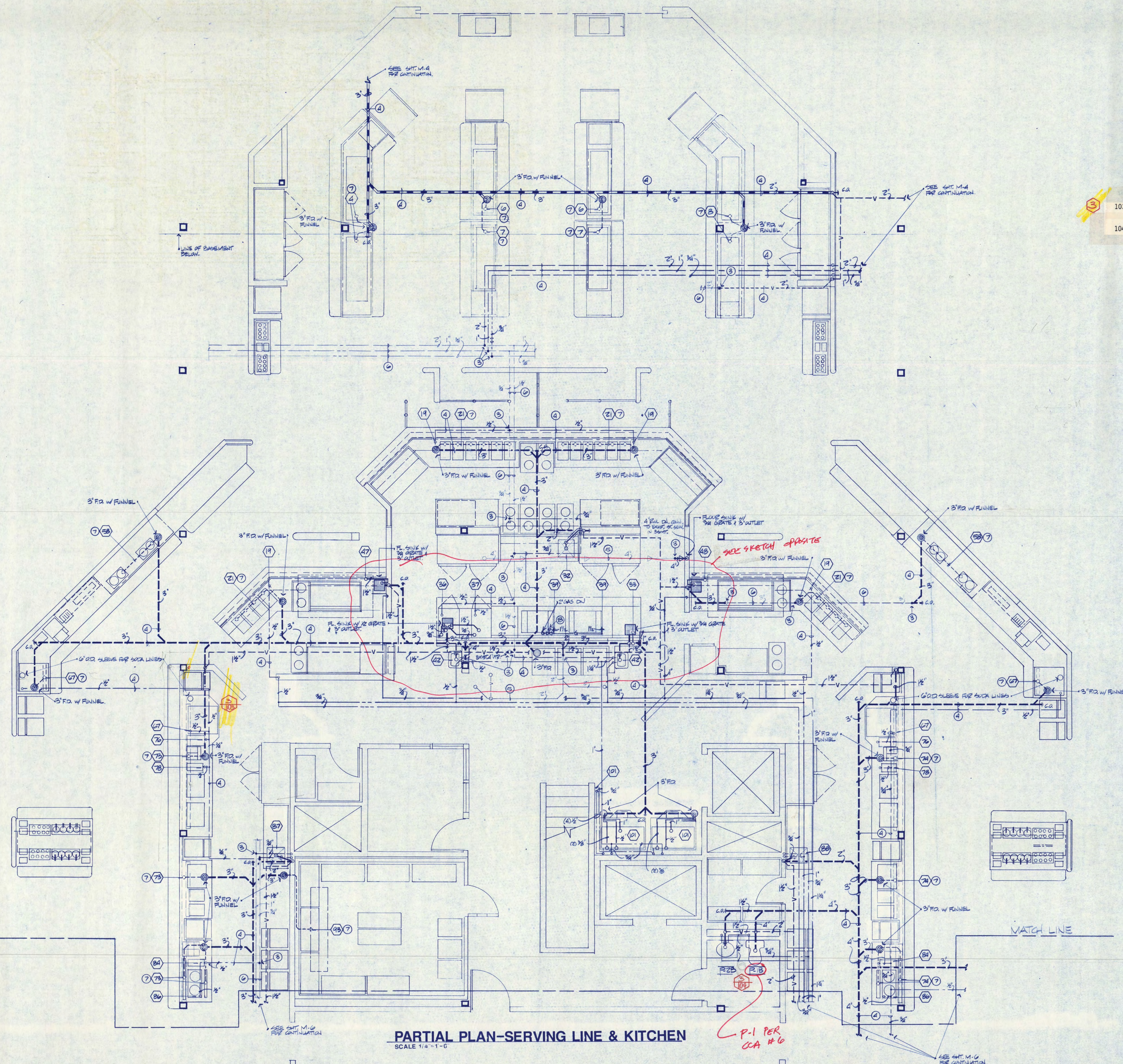
- 1) CONNECTION POINT OF NEW TO EXISTING.
- 2) REMOVE EXISTING STEAM HEATING TERMINAL UNIT AND CONTROLS. CAP STEAM SUPPLY AND CONDENSATE RETURN PIPE RUNOUTS IN BASEMENT CEILING SPACE BELOW.
- 3) CONNECT TO EXISTING.
- 4) NEW PIPING AT BASEMENT CEILING/BELOW 1st FLOOR SLAB.
- 5) EXISTING PIPING AT 1ST FLOOR CEILING.
- 6) EXISTING PIPING AT BASEMENT CEILING/BELOW 1ST FLOOR SLAB.
- 7) INDIRECT WASTE PIPING BY FOOD SERVICE EQUIPMENT CONTRACTOR.
- 8) PROVIDE GAS SOLENOID VALVE.

GENERAL NOTES:

- 1) MECH. CONTRACTOR RESPONSIBLE FOR ALL CUTTING & PATCHING OF EXIST. C.A.
- 2) THE FOOD SERVICE EQUIPMENT CONTRACTOR WILL FURNISH WATER CONDENSERS FOR ITEMS #76, 78, 84, 86, 101, 102. TO BE INSTALLED BY PLUMBING CONTRACTOR.
- 3) SEE SHEET M-6 FOR KITCHEN EQUIPMENT SCHEDULE.
- 4) VERIFY EXISTING PIPE SIZES, LOCATIONS & INVERTS.
- 5) REFER TO FOOD SERVICE DRAWINGS FOR ADDITIONAL INFORMATION, VERIFY ALL CONNECTIONS W/ F.S.E.C.

103. 1-1/2" vent line shown west of south beverage counter shall be relocated approximately 2' south, next to the column.

104. Provide 3" floor drain in room 127. Connect to new waste system.



PARTIAL PLAN-SERVING LINE & KITCHEN
SCALE 1/4" = 1'-0"

LUNDQVIST
Lundquist, Wilmar, Schultz and Martin, Inc.
Consulting Engineers

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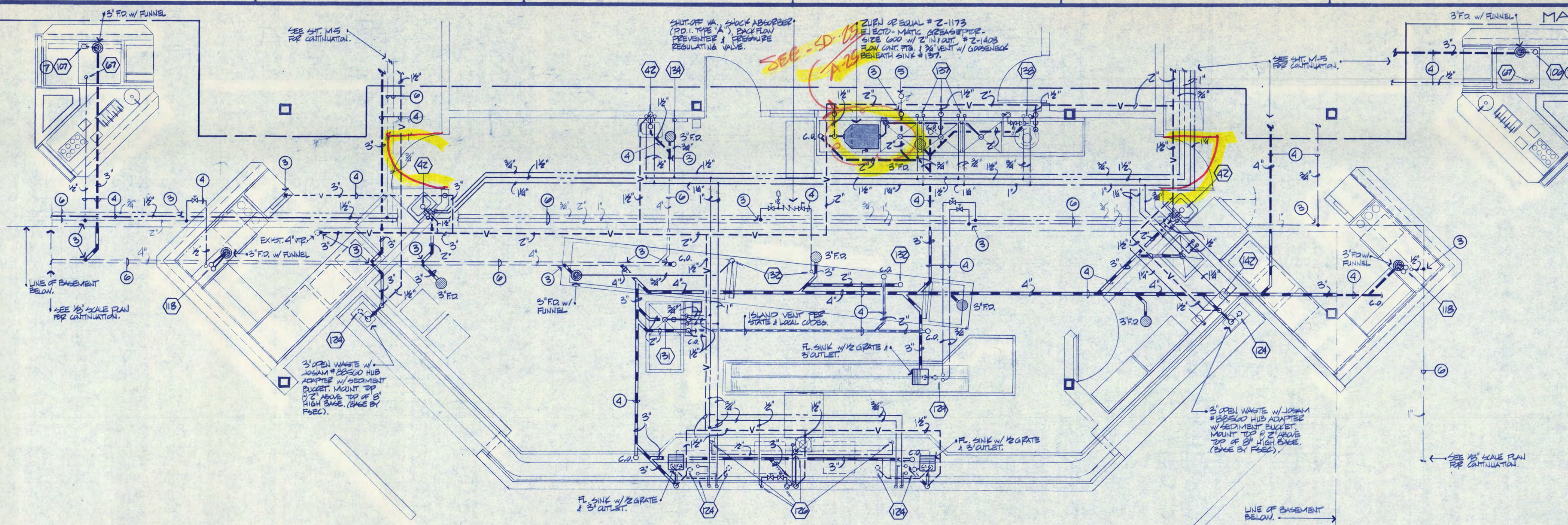
DATE 12-15-86 REG. NO. 7620

FREDRIC WEMLINGER AND ASSOCIATES, INC.
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**GARVEY COMMONS/
SHERBURNE HALL
ADDITIONS & REMODELING**
ST. CLOUD STATE UNIVERSITY
ST. CLOUD MINNESOTA

REVISED	PROJECT NO. 80015
ISSUE DATE 12-15-86	
DRAWN BY DD	
CHECKED PM	
APPROVED ARCHITECT FW	
SCALE AS NOTED	

M-5
NORTH



- KEYED NOTES**
- 1 CONNECTION POINT OF NEW TO EXISTING.
 - 2 REMOVE EXISTING STEAM HEATING TERMINAL UNIT AND CONTROLS. CAP STEAM SUPPLY AND CONDENSATE RETURN PIPE RUNOUTS IN BASEMENT CEILING SPACE BELOW.
 - 3 CONNECT TO EXISTING.
 - 4 NEW PIPING AT BASEMENT CEILING/BELOW 1st FLOOR SLAB.
 - 5 EXISTING PIPING AT 1ST FLOOR CEILING.
 - 6 EXISTING PIPING AT BASEMENT CEILING/BELOW 1ST FLOOR SLAB.
 - 7 INDIRECT WASTE PIPING BY FOOD SERVICE EQUIPMENT CONTRACTOR.

- GENERAL NOTES:**
- 1) NEW CONTRACTOR RESPONSIBLE FOR ALL CUTTING & PATCHING OF EXIST. CLG.
 - 2) THE F.S.E.C. WILL FURNISH WATER CONDITIONERS FOR ITEMS #70, 78, 84, 86, 101, 102, TO BE INSTALLED BY PLUMBING CONTRACTOR.
 - 3) VERIFY EXISTING PIPE SIZES, LOCATIONS & INVERTS.

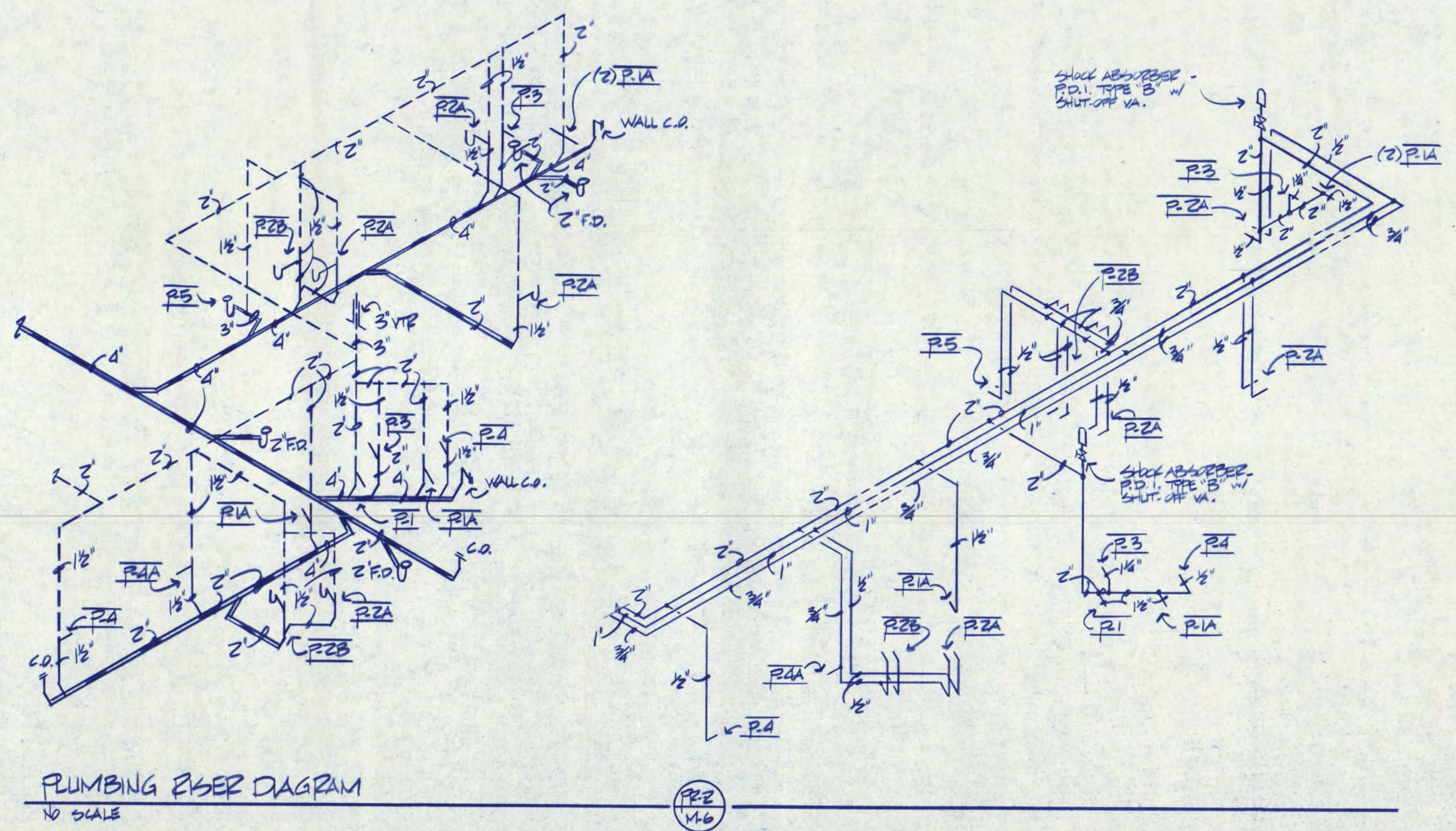
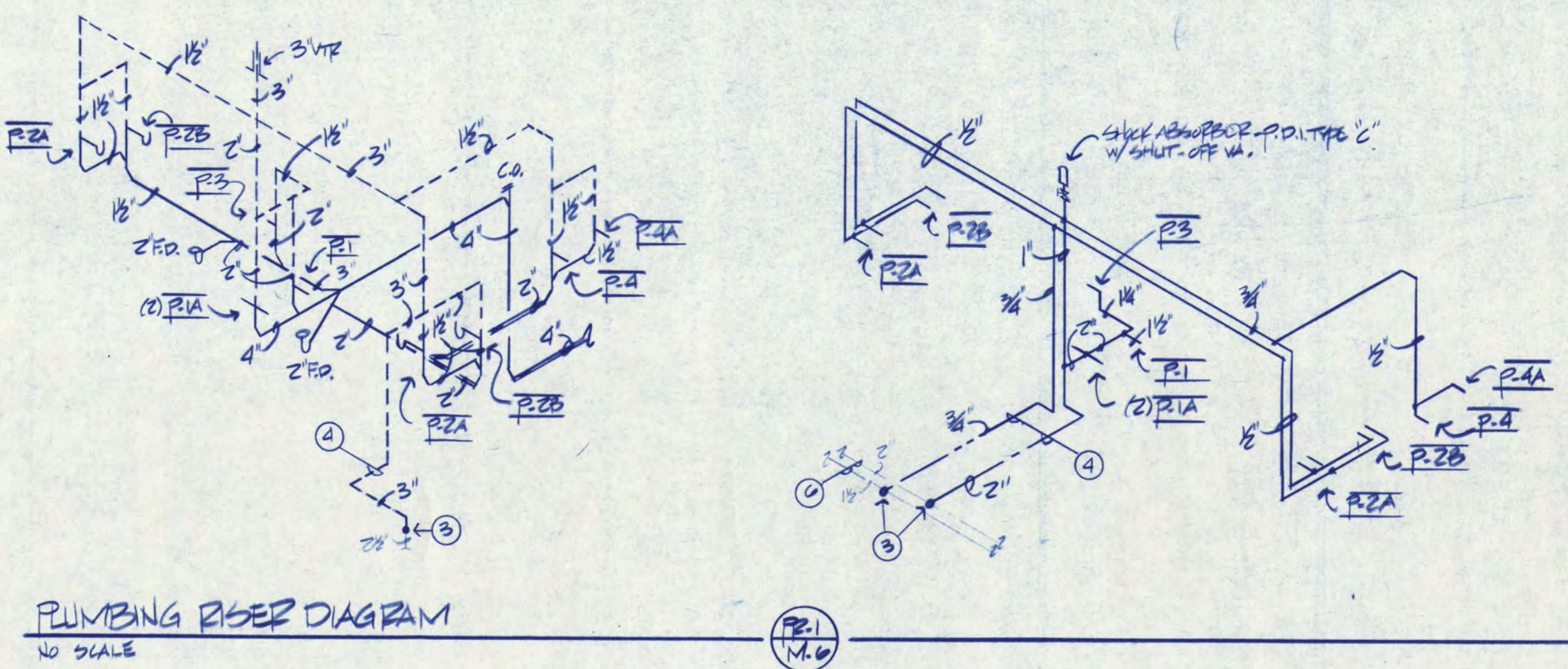
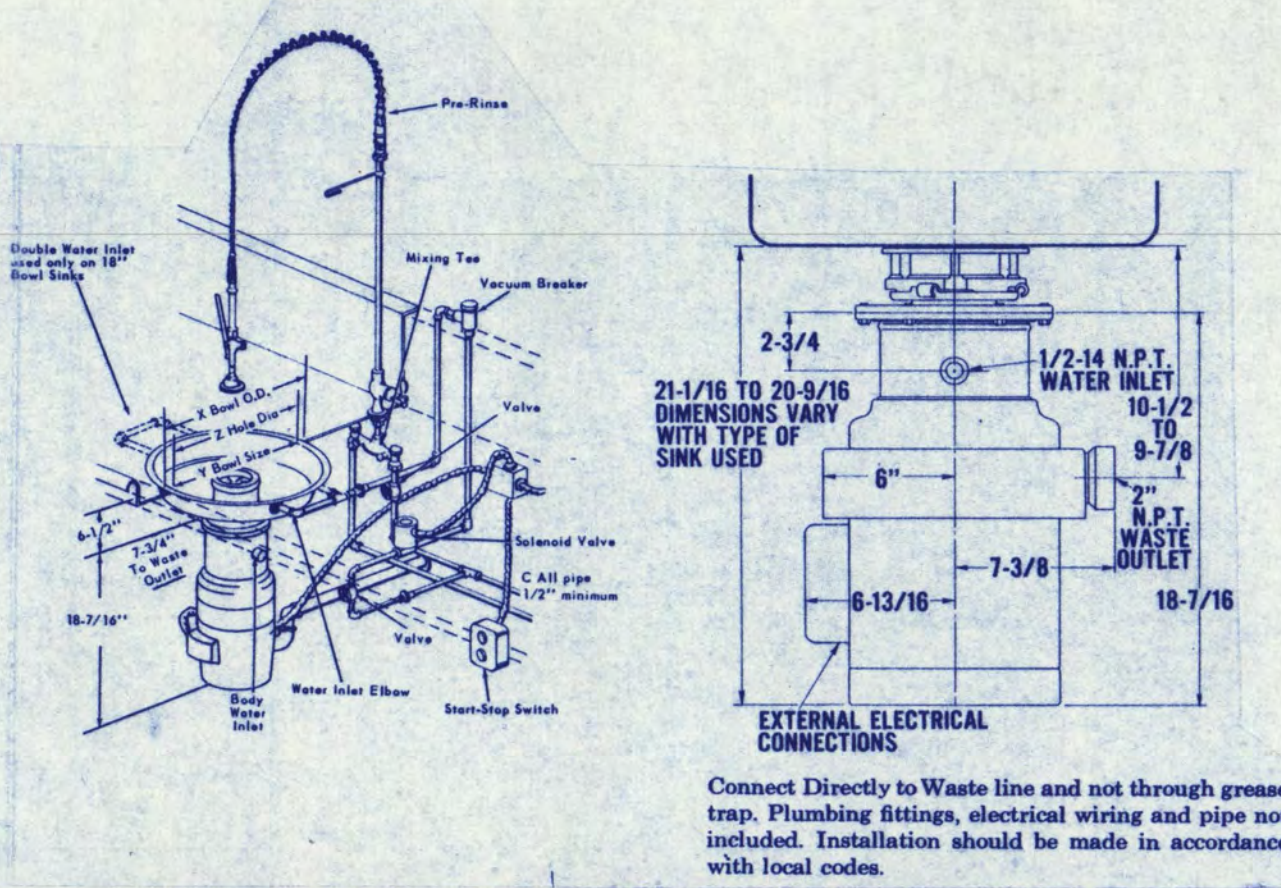
KITCHEN EQUIPMENT SCHEDULE									
ITEM	DESCRIPTION	WASTE	CW	HW	GAS	STR	CR	EXH.	REMARKS
4	SALAD BAR - SOUTH	1/2" IW							TO FS BY FSEC
6	MOBILE HOT/COLD BAR (2)	1/2" IW							TO FS BY FSEC
7	MOBILE SALAD BAR (2)	1/2" IW							TO FS BY FSEC
8	SALAD BAR - (NORTH)	1/2" IW							TO FS BY FSEC
19	HOT FOOD/DELI COUNTER	1" IW		1/2"					FOUR SUCH W/UPS
21	HOT FOOD WELLS	1" IW							TO FS BY FSEC
32	WORK COUNTER W/ SINK	1 1/2" IW	1/2"	1/2"					2875 N/1125 S
33	EXHAUST HOOD W/ FPS	2" IW						4000	
36	CONVECTION STEAMER COMPT	1 1/2" IW							
36	do STEAM COIL	3/4" IW		1/4"			30		
37	CONVECTION STEAMER. COMPT.	1 1/2" IW							
37	do do	3/4" IW		1/4"			30		
34	FRYER W/FILTER (2)	1 1/2" IW		1/2"			3/4"		250 MBH @ 5" WC SEE NOTE #1
42	HAND SINK	1 1/2" IW	1/2"	1/2"					
47	EXHAUST HOOD W/ FPS	1 1/2" IW						2100	
48	EXHAUST HOOD W/ FPS	1 1/2" IW						2100	
58	SOUP WELL	1" IW							TO FS BY FSEC
67	ICE & CARB. BEV. DISPENSERS (2)	1" IW	1/2"						TO FS BY FSEC
73	COLD BEV. COUNTER-SOUTH (4)	1" IW							TO FS BY FSEC
74	COLD BEV. COUNTER-NORTH (4)	1" IW							TO FS BY FSEC
76	JUICE DISPENSER (2)	1" IW							SEE NOTE #2
78	ICED TEA DISPENSER	1" IW							SEE NOTE #2
84	HOT CHOCOLATE DISPENSER (2)	1" IW							SEE NOTE #2
86	COFFEE URN (2)	1" IW							SEE NOTE #2
87	WORK COUNTER W/ SINK-SOUTH	1 1/2" IW	1/2"	1/2"					
87	do do-NORTH	1 1/2" IW	1/2"	1/2"					
93	DAIRY REFRIG. SYSTEM	1" IW							TO FD BY FSEC
101	ICE MAKER W/ WATER CONDITIONER	1/2" IW	3/4"						2600. SEE NOTE #213
101	do WATER COOL COND.	3/4" IW	3/8"						
101	do do	3/4" IW							
42	HAND SINK	1 1/2" IW	1/2"	1/2"					TO FD BY FSEC
106	ICE & CARB. BEV. COUNTER-N	1 1/2" IW							TO FD BY FSEC
107	ICE & CARB. BEV. COUNTER-S	1 1/2" IW							TO FD BY FSEC
118	ICE CREAM CART. DIPPERWELL	1 1/2" IW	3/4"						2 SUCH - TO FD
124	TRAY RETURN CONVEYOR	1 1/2" IW	1/2"	1/2"					61W; 2 HW; 1 CW, 1W TO FSEC
126	DISPOSER	3" IW	1/2"						IN TO FS BY FSEC
129	BUSING CONVEYOR	1 1/2" IW	1/2"	1/2"					
131	SILVER SORT TABLE	2" IW	1/2"	1/2"					
132	DISHMACHINE	2" IW	1/2"	1/2"				1500	1000/500. HW - 140°F
132	do do	3/4" IW							
134	HOSE STATION	1" IW							
137	POT & PAN SINK	2" IW	1/2"	1/2"					3 SUCH W/ 2 SUCH HW/1 CW
138	DISPOSER W/ SPRAY RINSE	2" IW	1/2"	1/2"					
142	PLUMBING ENCLOSURE-PANEL	1 1/2" IW	1/2"	1/2"					1000/500. HW - 140°F
103	PACKAGE REFRIG. W/ HOT RECLAIM	1 1/2" IW	1/2"						LOCATED IN BASEMENT

- NOTES:**
- 1) F.S.E.C. TO PROVIDE QUICK DISCONNECT GAS HOSE.
 - 2) THE F.S.E.C. WILL FURNISH WATER CONDITIONERS FOR ITEMS #70, 78, 84, 86, 101 & 102. INSTALLATION BY PLUMBING CONTRACTOR.
 - 3) FLOOR CONTR. TO CONNECT 3/4" CW TO WATER COND. 1" TEE TO (4) 1/4" ICE MAKING INLETS.

- Drawing M-6**
105. Provide 3/4" cold water and hot water connections to dishwasher mixing valve. Mixing valve by others.
 106. The 1-1/4" hot water line to kitchen item #142 shall contain a backflow preventer Watts No. 7 or equal.
 107. Kitchen item #137 shall have 3/4" hot and cold water connections in lieu of 1/2"

PARTIAL PLAN - SERVING LINE & DISHWASHING

SCALE 1/4" = 1'-0"



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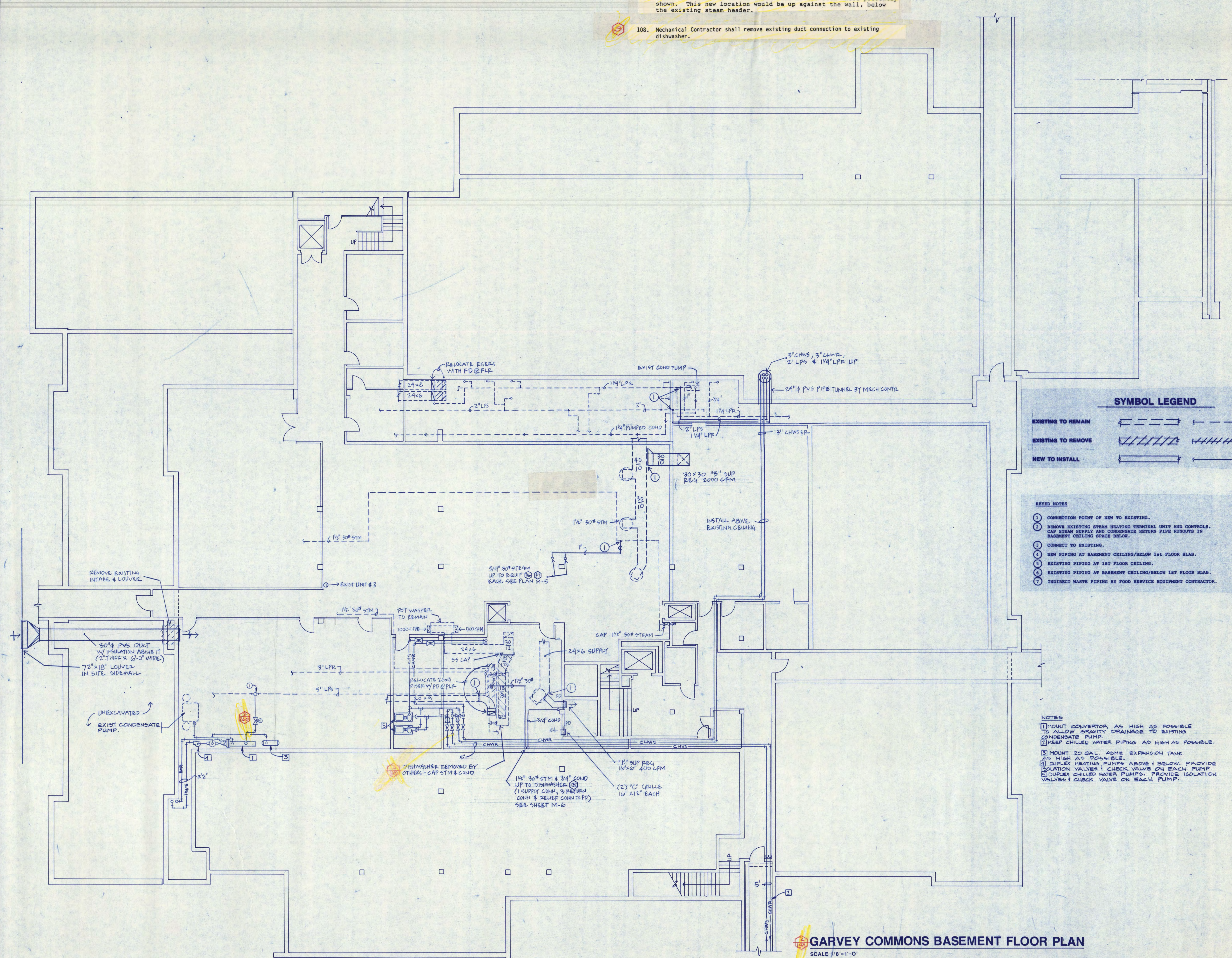
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REVISED PROJECT NO. 86015
ISSUE DATE 12-15-86
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ARCHITECT SCALE AS NOTED

M-6
NORTH

160. The new heat exchanger, expansion tank, pump and accessories shall be relocated to the south wall of the room where presently shown. This new location would be up against the wall, below the existing steam header.

108. Mechanical Contractor shall remove existing duct connection to existing dishwasher.



EXISTING TO REMAIN		
EXISTING TO REMOVE		
NEW TO INSTALL		

KEYED NOTES

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- ⑦ INDIRECT WASTE PIPING BY FOOD SERVICE EQUIPMENT CONTRACTOR.



lundquist, wilmar, schultz and martin, inc.
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Kenneth P. Schmitt
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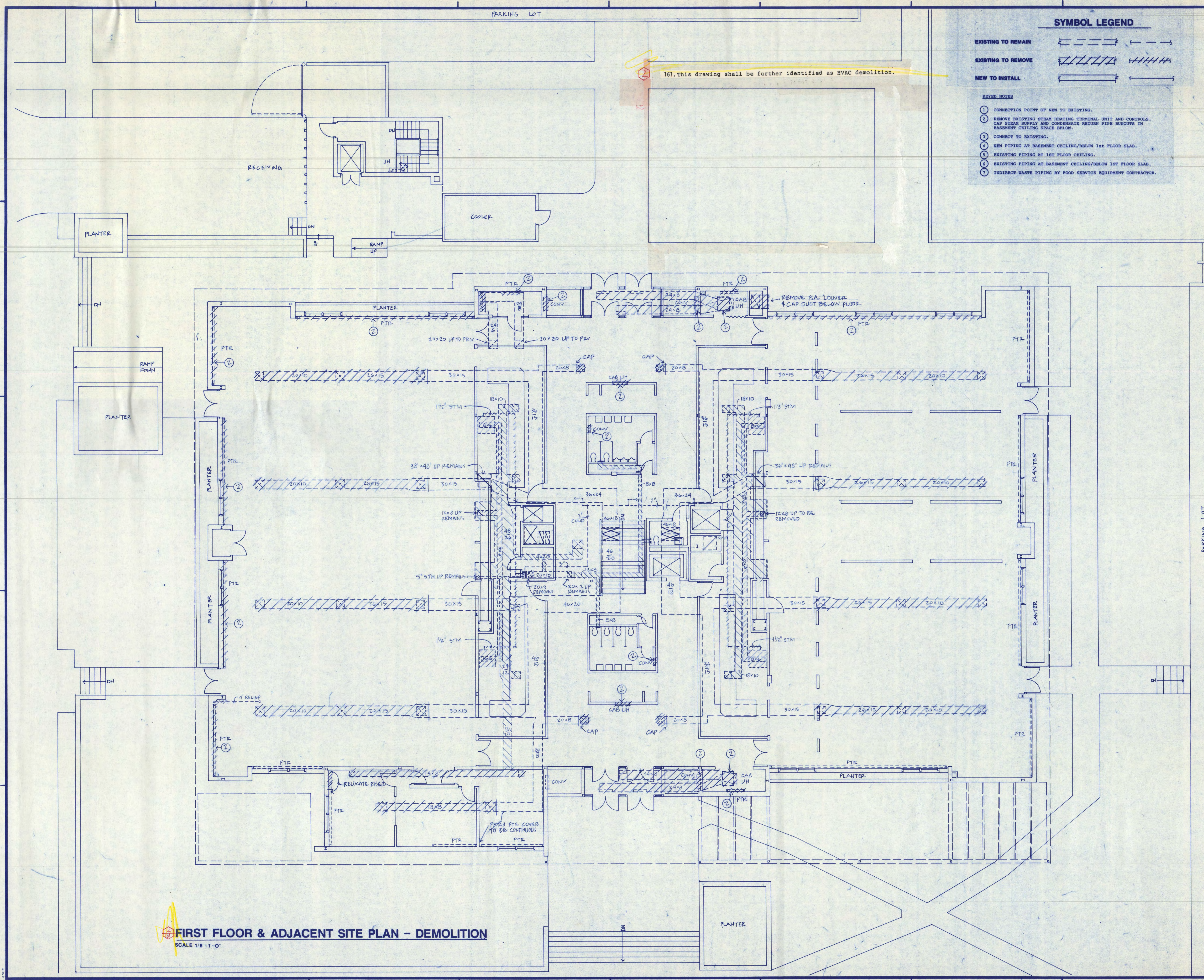
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ARCHITECT
SCALE AS NOTED



M-7

GARVEY COMMONS BASEMENT FLOOR PLAN



SYMBOL LEGEND

EXISTING TO REMAIN	
EXISTING TO REMOVE	
NEW TO INSTALL	

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Signature
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DATE REG. NO.

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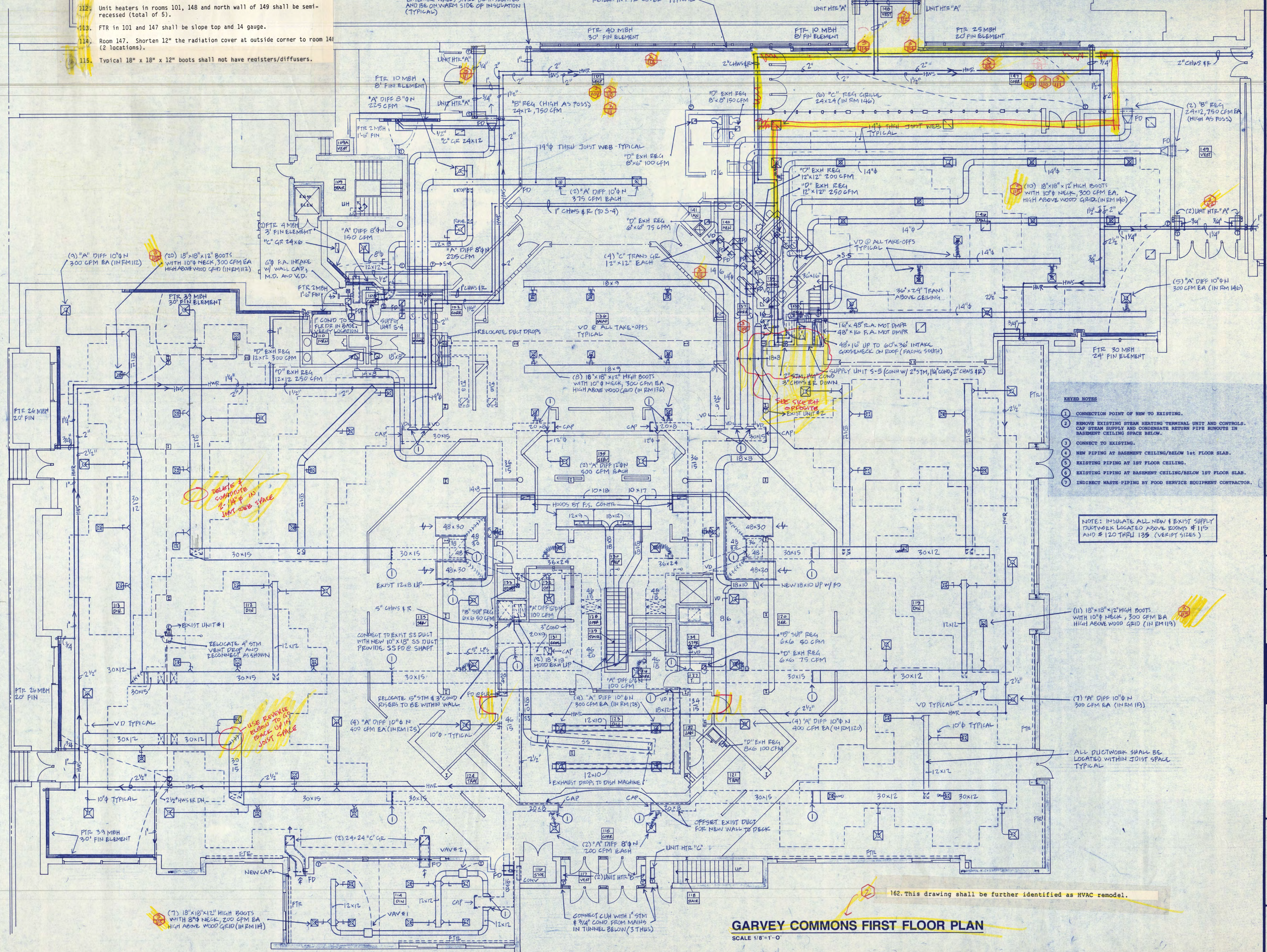
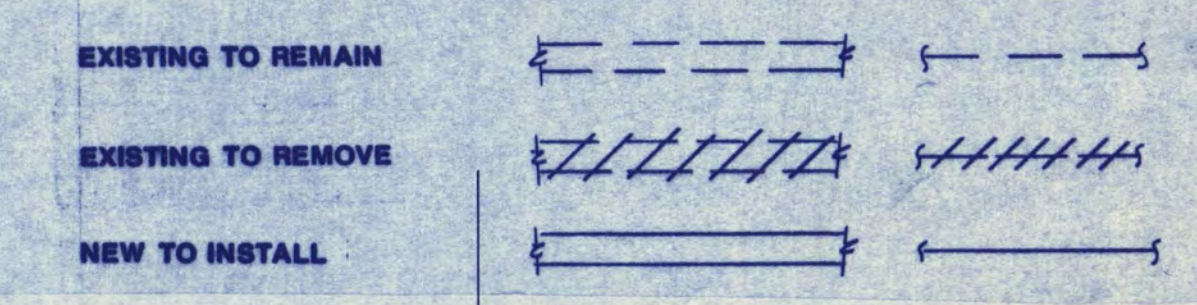
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	ARCHITECT
	SCALE AS NOTED

NORTH

M-8

109. Rooms 101 & 147. Relocate 2" CHWS & CHWR piping from above rooms 101 & 147 to above rooms 146 and 149.
110. All heating piping above rooms 101 and 147 shall be as close to same elevation as possible. Omit insulation at piping crossovers.
111. The mechanical contractor shall carefully coordinate all piping above rooms 101 and 147 prior to installation. This includes fire protection, heating piping, light fixtures and ceiling structure. No extras will be allowed for rerouting of piping in this area. The ceiling space is minimal and cannot be lowered.
112. Unit heaters in rooms 101, 148 and north wall of 149 shall be semi-recessed (total of 5).
113. FTR in 101 and 147 shall be slope top and 14 gauge.
114. Room 147. Shorten 12" the radiation cover at outside corner to room 141 (2 locations).
115. Typical 18" x 18" x 12" boots shall not have registers/diffusers.

SYMBOL LEGEND



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NOTE: INSULATE ALL NEW & EXIST SUPPLY DUCTWORK LOCATED ABOVE ROOMS #115 AND #120 THRU 135 (VERIFY SIZES)



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12-15-86 1620
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GARVEY COMMONS FIRST FLOOR PLAN
SCALE 1/8"=1'-0"

162. This drawing shall be further identified as HVAC remodel.