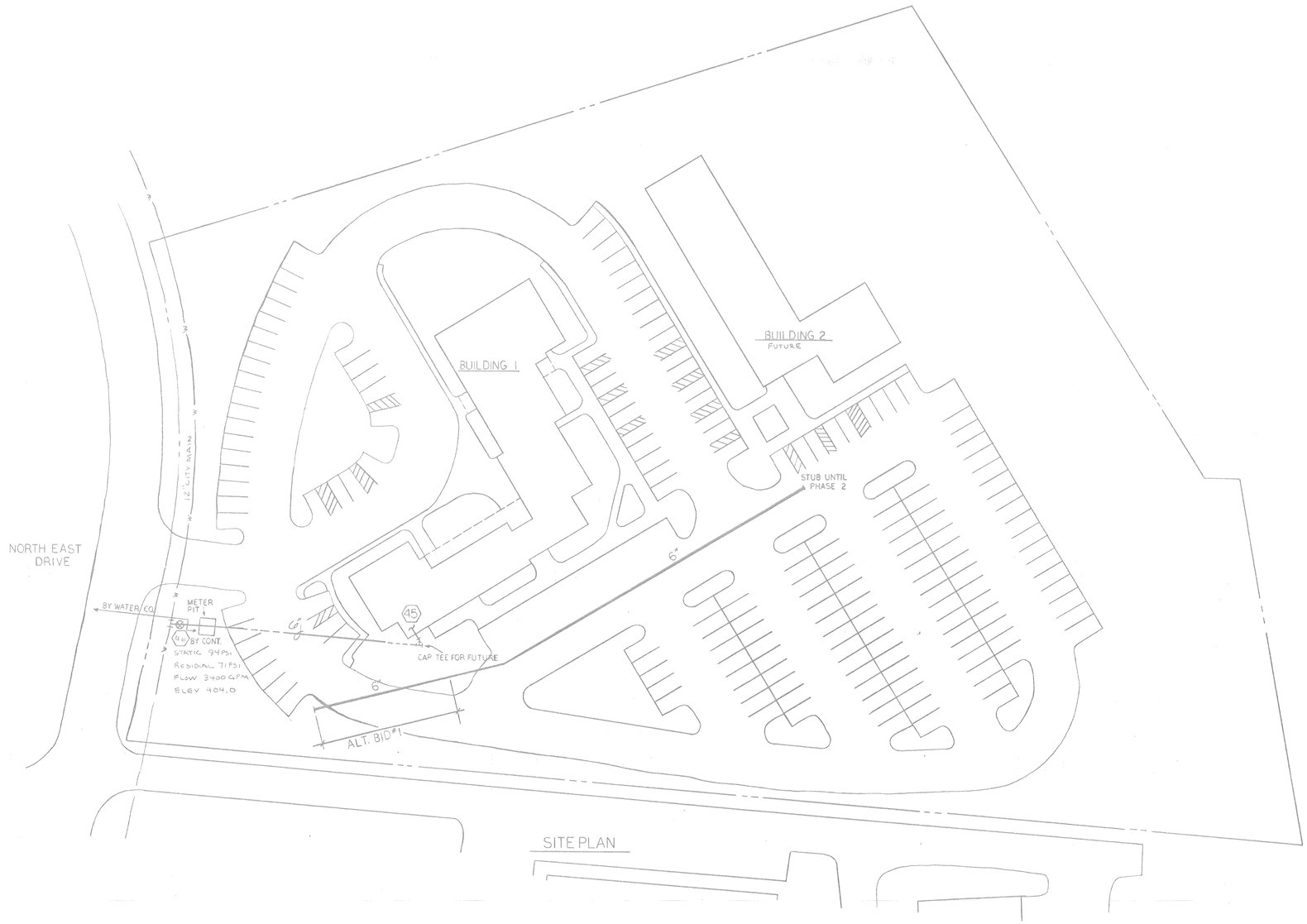
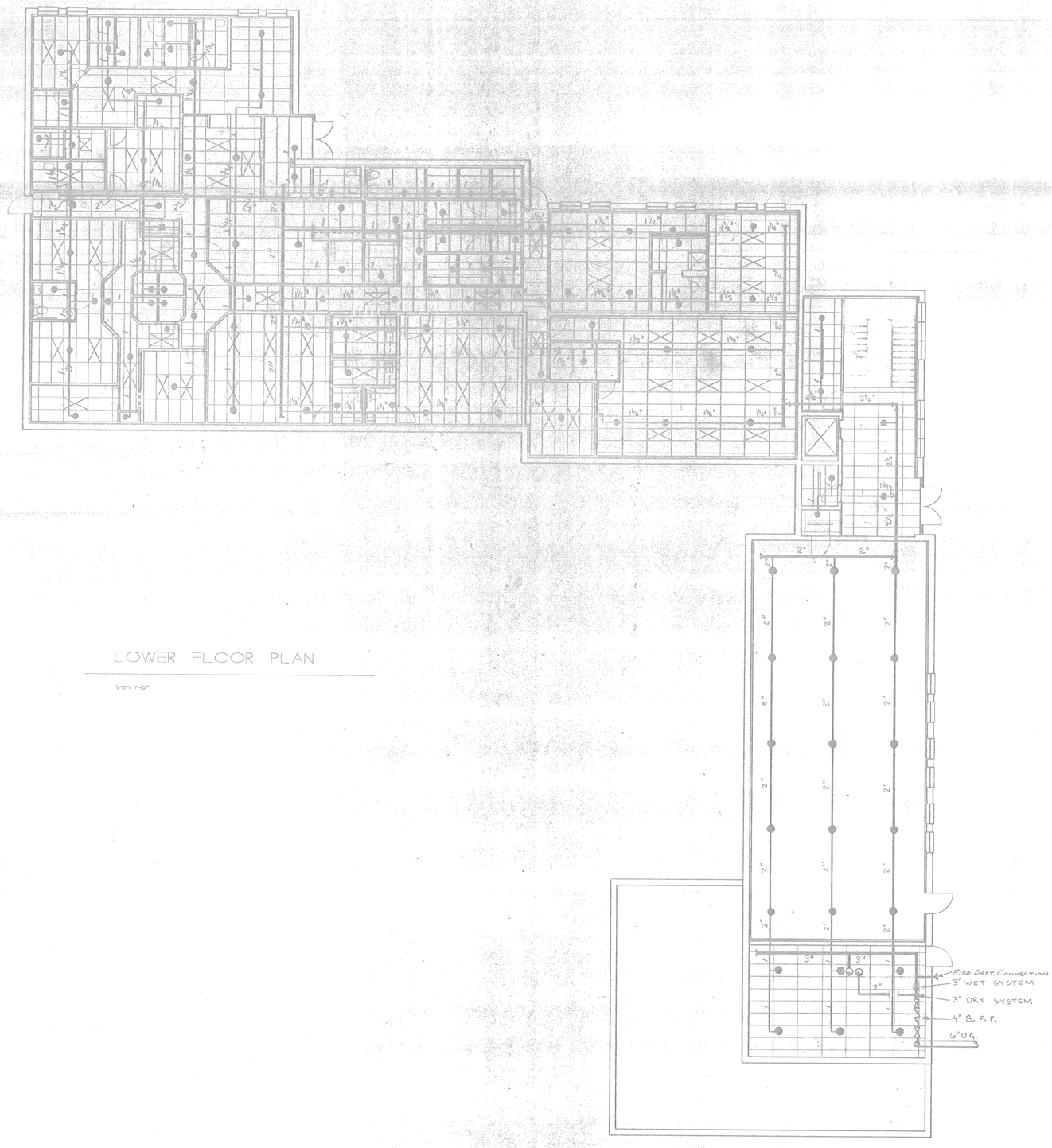


SITE PLAN

PROTECH
Mechanical Contractors Inc.
104 E. Prospect Road
Columbia, Pa. 17512
(717) 684-9050
FAX (717) 684-2595

SPRINKLER PLAN
PHYSORTHORAD

Drawing No.
FP-1



LOWER FLOOR PLAN

1/8" = 1'-0"

PRO/ECH
Mechanical Contractors Inc.
104 E. Prospect Road
Columbia, PA 17512
(717) 684-2050
FAX (717) 684-2595

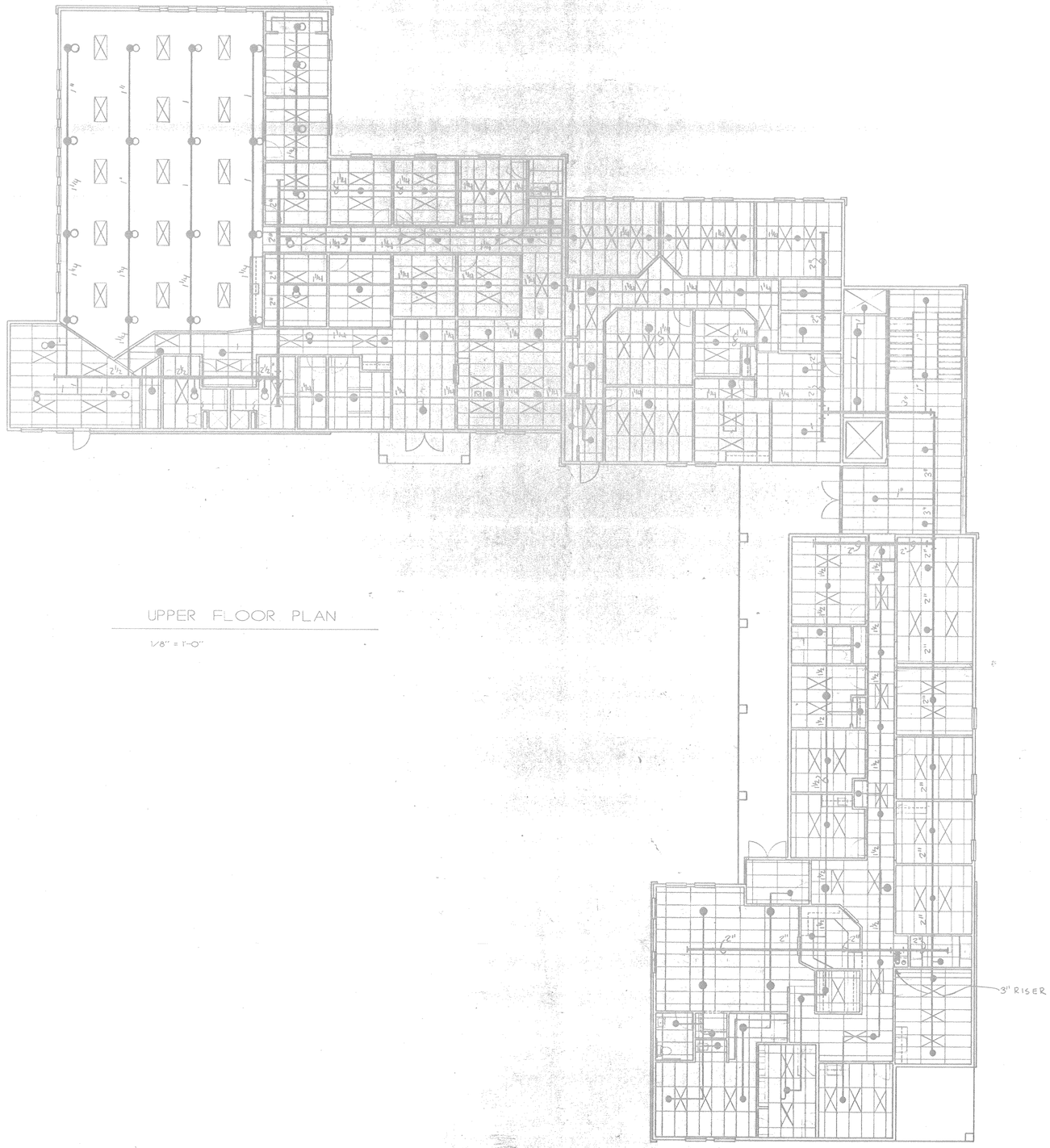
Bradley, Chambers, & Frey, Inc.
Architecture, Planning & Design
P.O. Box 1207 / 38 N. Christian St. / Lancaster, PA 17603
717/291-1944 / FAX 717/291-1155

DATE
REVISIONS

DRAWN BY
PROJECT NUMBER

SPRINKLER PLAN
LOWER FLOOR

DRAWING NUMBER
FP-2



UPPER FLOOR PLAN

1/8" = 1'-0"

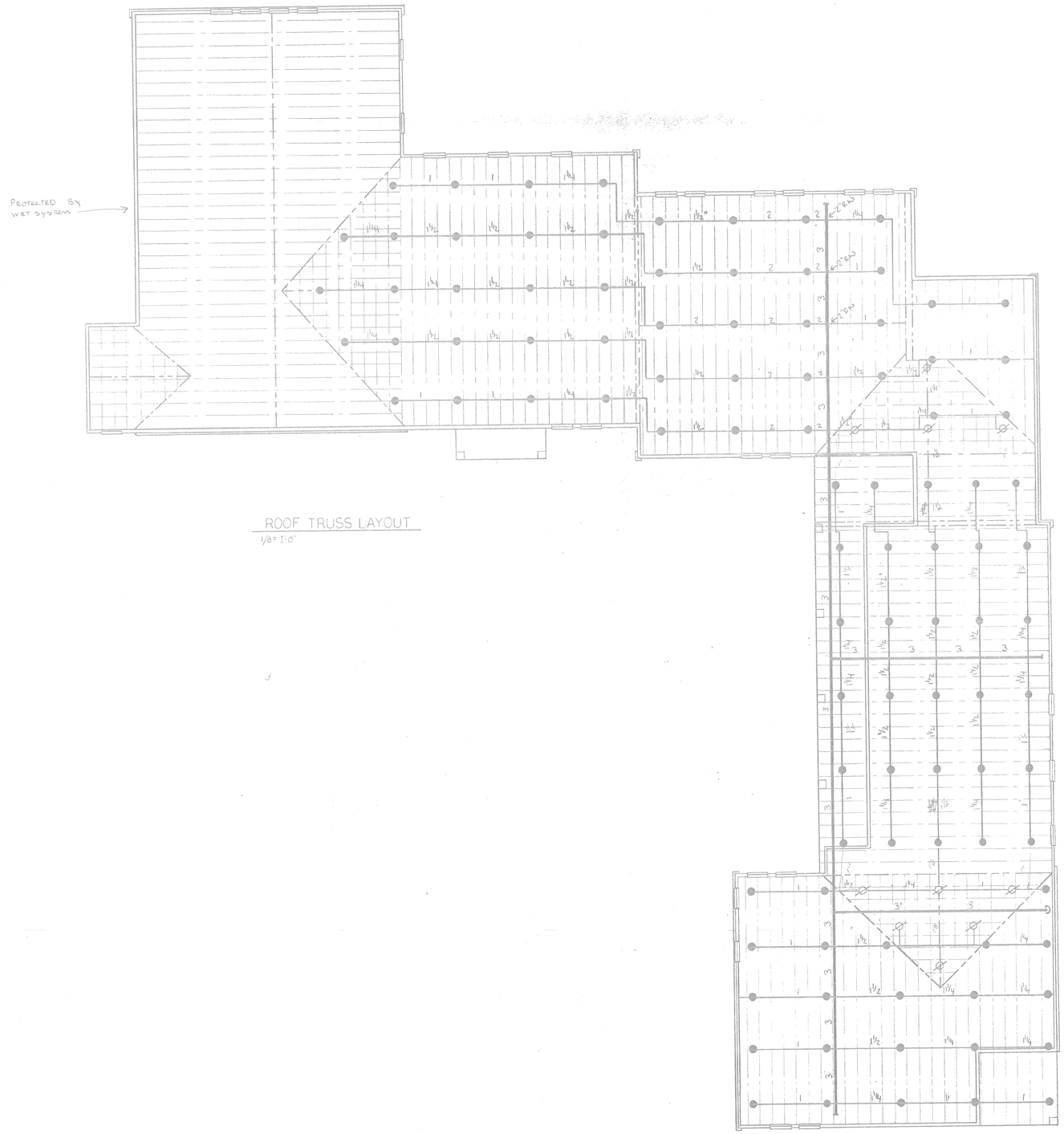
Bradley, Chambers, & Frey, Inc.
Architecture, Planning & Design
P.O. Box 1327 / 38 N. Christian St. / Lancaster, PA 17603
717-291-1044 / FAX 717-291-1135

PROTECH
Mechanical Contractors Inc.
104 E. Prospect Road
Columbia, PA 17512
(717) 684-9050
FAX (717) 684-2555

DATE
REVISIONS
DRAWN BY
PROJECT NUMBER

SPRINKLER PLAN
UPPER FLOOR

DRAWING NUMBER
FP-3



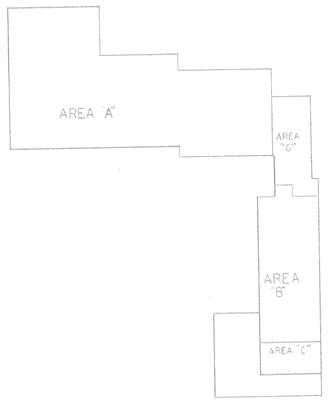
ROOF TRUSS LAYOUT
1/8" = 1'-0"

PROTECH
Mechanical Contractors Inc.
104 E. Prospect Road
Columbia, PA 17512
(717) 684-9050
FAX (717) 684-2595

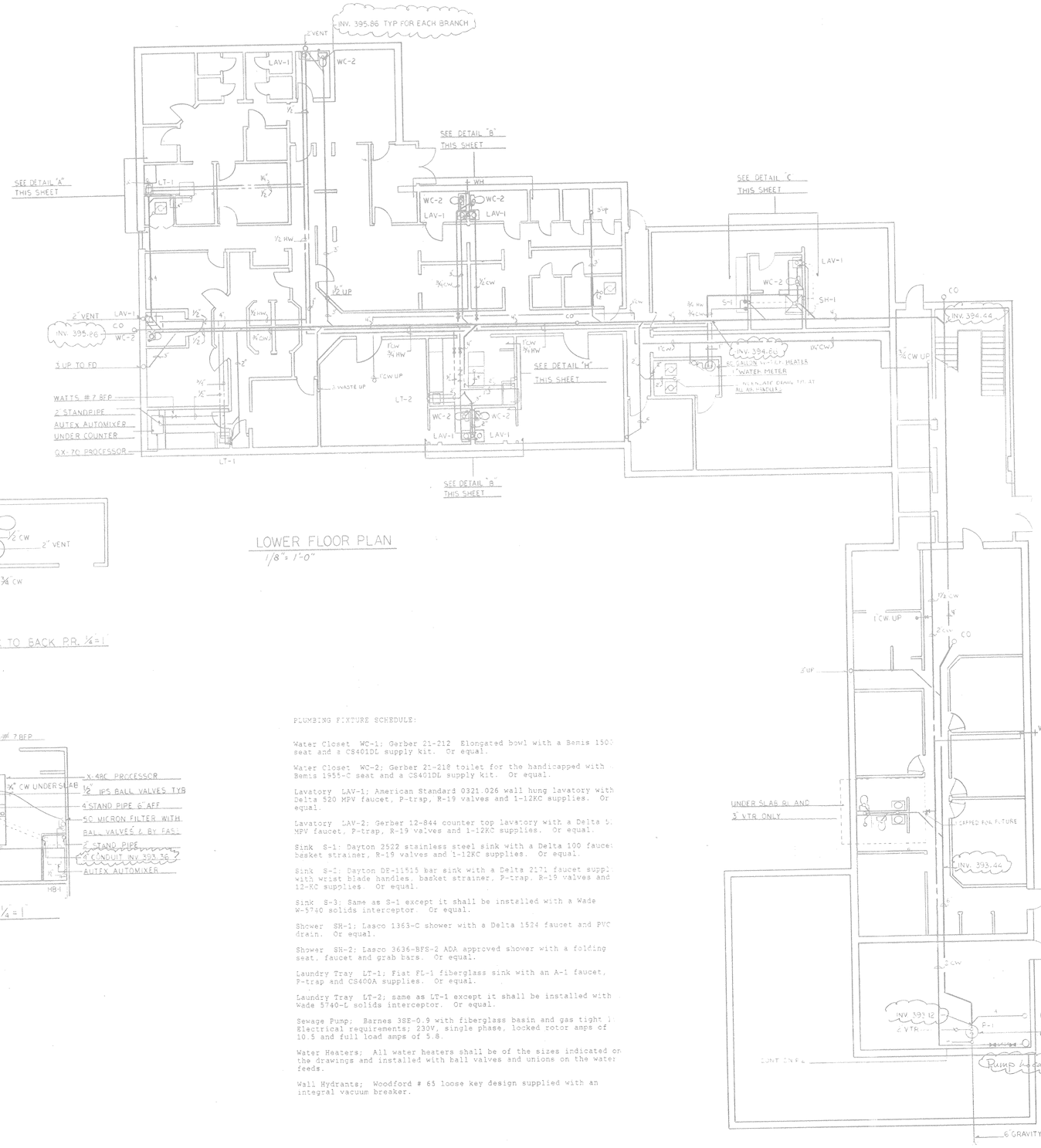
REVISIONS

SPRINKLER PLAN
ROOF TRUSS LAYOUT

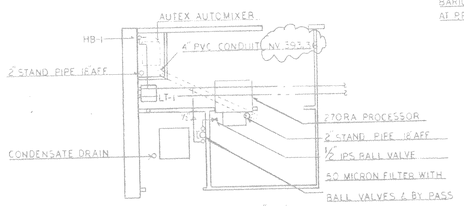
Drawing No.
FP-4



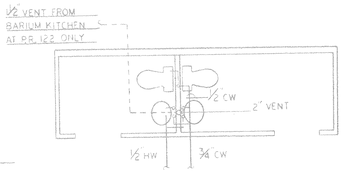
KEY PLAN



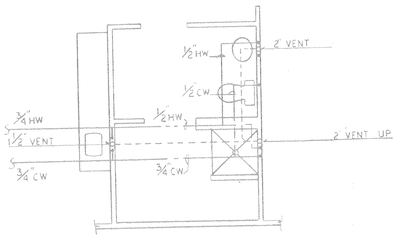
LOWER FLOOR PLAN
1/8" = 1'-0"



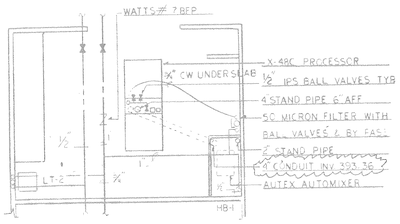
DETAIL "A" 1/4" = 1'



DETAIL "B" TYP. BACK TO BACK P.R. 1/4" = 1'



DETAIL "C" 1/4" = 1'



DETAIL "H" 1/4" = 1'

PLUMBING FIXTURE SCHEDULE:

Water Closet WC-1; Gerber 21-212 Elongated bowl with a Bemis 1500 seat and a CS401DL supply kit. Or equal.

Water Closet WC-2; Gerber 21-218 toilet for the handicapped with Bemis 1955-C seat and a CS401DL supply kit. Or equal.

Lavatory LAV-1; American Standard 0321.026 wall hung lavatory with Delta 520 MPV faucet, P-trap, R-19 valves and 1-12KC supplies. Or equal.

Lavatory LAV-2; Gerber 12-844 counter top lavatory with a Delta 520 MPV faucet, P-trap, R-19 valves and 1-12KC supplies. Or equal.

Sink S-1; Dayton 2522 stainless steel sink with a Delta 100 faucet basket strainer, R-19 valves and 1-12KC supplies. Or equal.

Sink S-2; Dayton DE-11515 bar sink with a Delta 2171 faucet supplied with wrist blade handles, basket strainer, P-trap, R-19 valves and 12-KC supplies. Or equal.

Sink S-3; Same as S-1 except it shall be installed with a Wade W-5740 solids interceptor. Or equal.

Shower SH-1; Lasco 1363-C shower with a Delta 1524 faucet and PVC drain. Or equal.

Shower SH-2; Lasco 3636-BFS-2 ADA approved shower with a folding seat, faucet and grab bars. Or equal.

Laundry Tray LT-1; Fiat FL-1 fiberglass sink with an A-1 faucet, P-trap and CS400A supplies. Or equal.

Laundry Tray LT-2; same as LT-1 except it shall be installed with a Wade 5740-L solids interceptor. Or equal.

Sewage Pump; Barnes 3SE-0.9 with fiberglass basin and gas tight lid. Electrical requirements; 230V, single phase, locked rotor amps of 10.5 and full load amps of 5.8.

Water Heaters; All water heaters shall be of the sizes indicated on the drawings and installed with ball valves and unions on the water feeds.

Wall Hydrants; Woodford # 65 loose key design supplied with an integral vacuum breaker.

REVISIONS

NO	DAT	
1	6-5-93	Address Summary Issues

PROTECH
Mechanical Contractors Inc.
104 E. Prospect Road
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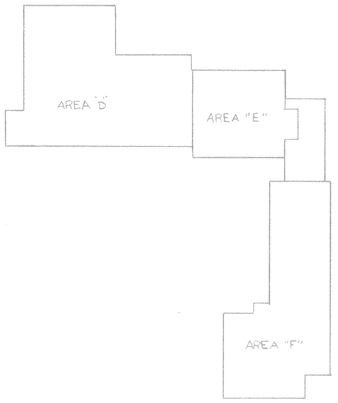
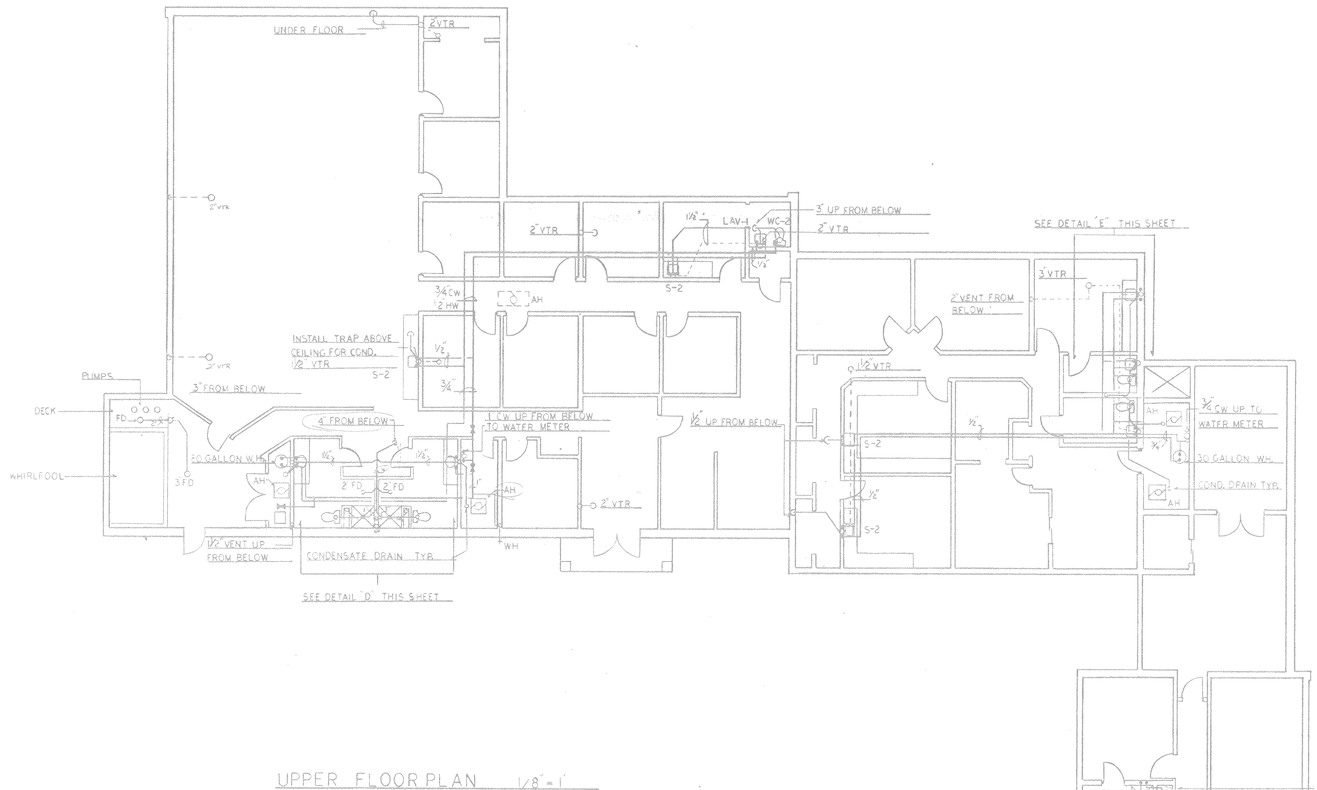
NEW MEDICAL OFFICES
FOR
PHYSOTHORAD ASSO.
LOWER FLOOR
PLAN

TYRONE W.

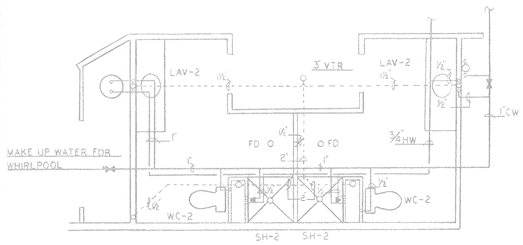
P-1



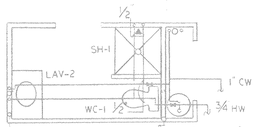
KEY PLAN



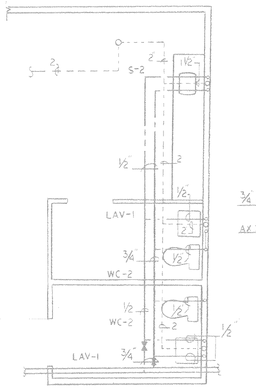
UPPER FLOOR PLAN 1/8" = 1'



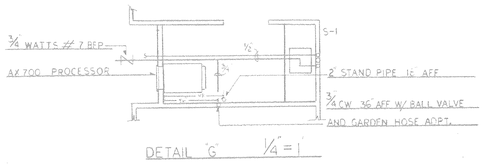
DETAIL "D" 1/4" = 1'



DETAIL "F" 1/4" = 1'



DETAIL "E" 1/4" = 1'



DETAIL "G" 1/4" = 1'

PLUMBING NOTES

1. All connections to and from the photo processors shall be supplied and installed by others.
2. Coordinate layout of piping at each processor with the electrical and HVAC contractor.
3. Keep all piping out of the X-Ray rooms.
4. Drains for condensation shall be supplied where indicated on the drawings. Piping from the air handlers to the drains shall be supplied and installed by the HVAC contractor.
5. All horizontal and exposed water lines shall be insulated with 1/2" wall armaflex.

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JAN 19 1993
BOWSER

REVISIONS

NO.	DATE				

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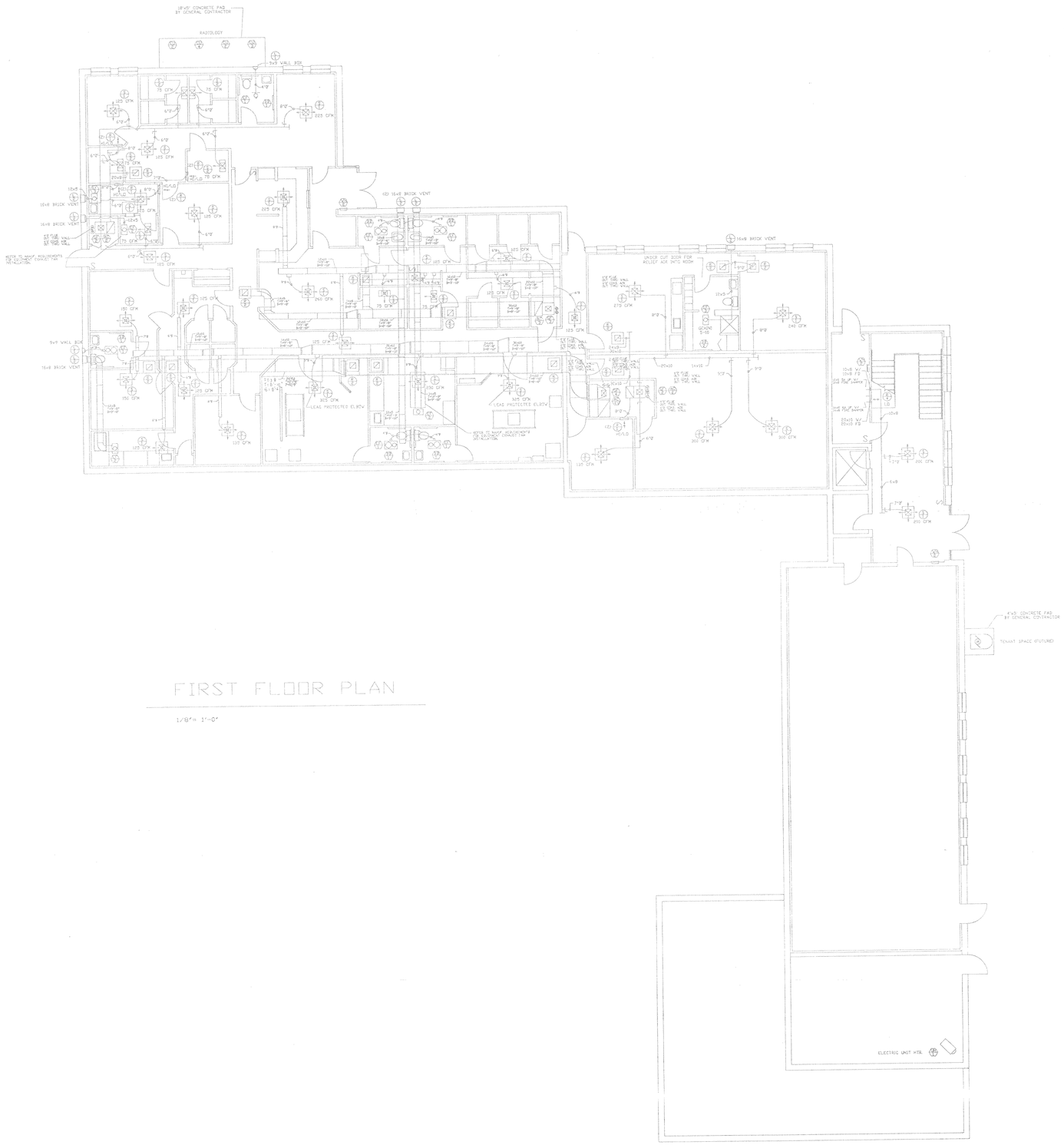
NEW MEDICAL OFFICES FOR PHYSORTHORAD ASSO.

UPPER FLOOR PLAN

DRAWING NO. P-2



FIRST FLOOR PLAN

1/8"= 1'-0"

PRELIMINARY
SHOP DRAWING 6/3/93

NO	REVISIONS	DATE	BY

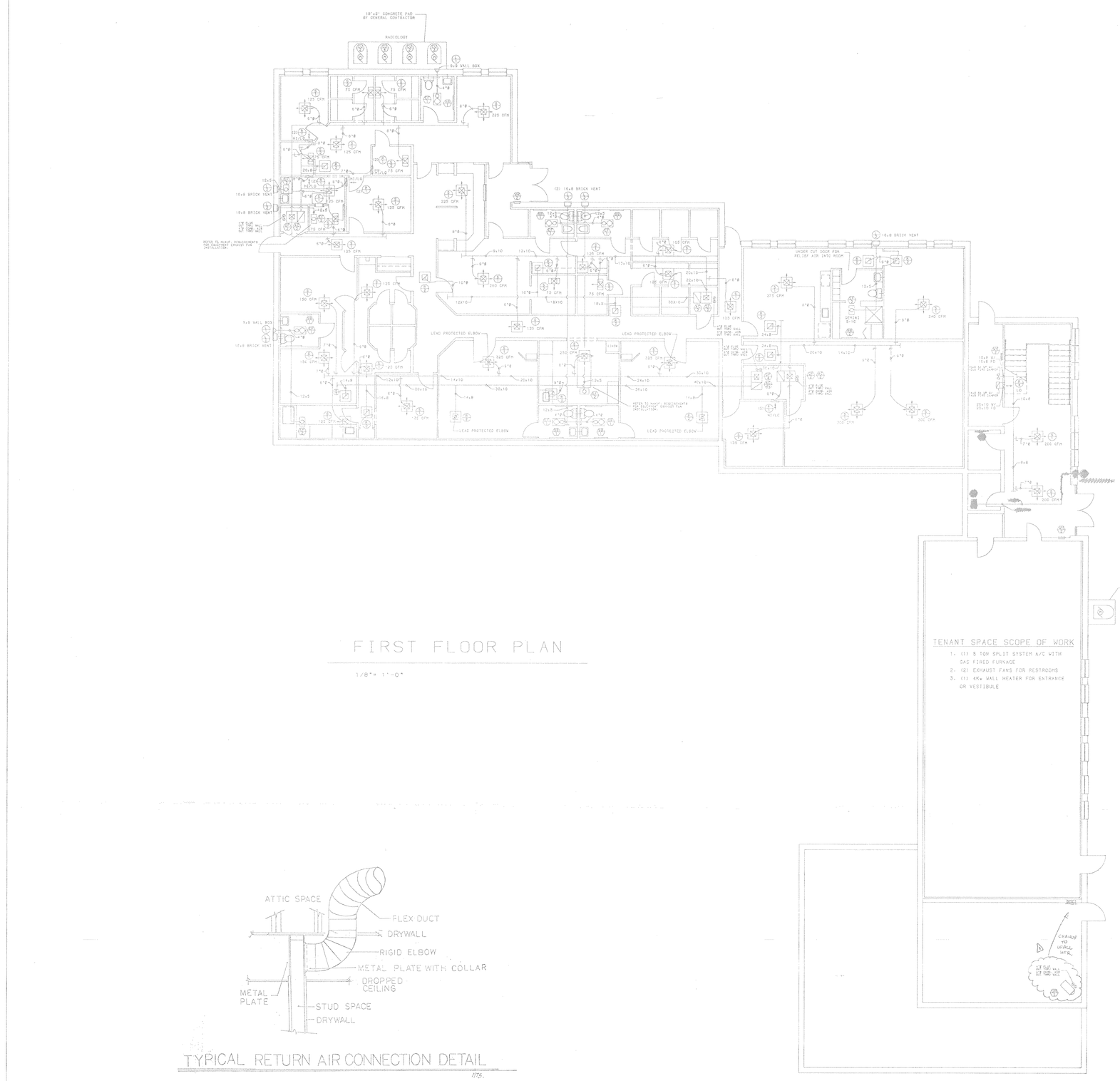
CLARK ELECTRIC INC.
REFRIGERATION - AIR CONDITIONING - ELECTRICAL - SHEET METAL
Paradise, PA. 17562
Phone # (717)687-7697 (717)687-9005

PHYSORTHORAD ASSOCIATES
DERRY TOWNSHIP, PENNSYLVANIA

FIRST FLOOR MECHANICAL PLAN

DRAWN	WM
CHECK	
DATE	11-5-92
SCALE	1/8"=1'0"
JOB NO.	

DWG.NO.
M-1



FIRST FLOOR PLAN

1/8"= 1'-0"

TENANT SPACE SCOPE OF WORK

1. (1) 5 TON SPLIT SYSTEM A/C WITH GAS FIRED FURNACE
2. (2) EXHAUST FANS FOR RESTROOMS
3. (1) 4Kw WALL HEATER FOR ENTRANCE OR VESTIBULE

TYPICAL RETURN AIR CONNECTION DETAIL

1/75.

AIR CONDITIONING EQUIPMENT SCHEDULE

KEY	MANUFACTURER	MODEL #	NOMINAL CFM	NOMINAL TONS	MATCHED SEER	VOLTS	MCA	O.C.
AC-1V	CARRIER	CD5AKA0030	900	2-1/2	10.0	-----	----	----
CU-1	CARRIER	38TKB030-301	-----	2-1/2	10.0	208/1	17.9	25/2
AC-2V	CARRIER	CD5AKA0036	1200	3	10.0	-----	----	----
CU-2	CARRIER	38TKB036-501	-----	3	10.0	208/3	13.5	20/2
AC-3V	CARRIER	CD5AKA0042	1375	3-1/2	10.2	-----	----	----
CU-3	CARRIER	38TKB042-301	-----	3-1/2	10.2	208/1	23.5	40/2
AC-4V	CARRIER	CD5AKA0048	1500	4	10.3	-----	----	----
AC-4H	CARRIER	CD5GAAC48	1500	4	10.3	-----	----	----
CU-4	CARRIER	38TKB048-501	-----	4	10.3	208/3	18.5	30/3
AC-5H	CARRIER	CD3KAA0060	2125	5	10.3	-----	----	----
CU-5	CARRIER	38TKB060-501	-----	5	10.3	208/3	23.2	35/2

GAS FURNACE SCHEDULE

KEY	MANUFACTURER	MODEL #	NOMINAL CFM	NATURAL GAS		HP	FLA	O.C.
				MIN INPUT	MAX OUTPUT			
GF-1	CARRIER	58SAC-040GG	1350	44.0	41.0	1/3	9.1	15/1
GF-2	CARRIER	58SAC-060GG	1340	66.0	61.0	1/3	8.7	15/1
GF-3	CARRIER	58SAC-080JG	1650	88.0	81.0	1/2	9.5	15/1
GF-4	CARRIER	58SAC-100LG	2065	110.0	102.0	3/4	14.2	20/1
GF-5	CARRIER	58GMC-075JC	1580	92.0	75.0	1/2	10.0	15/1
GF-6	CARRIER	58GMC-095LC	1950	115.0	94.0	3/4	13.3	20/1
GF-7	CARRIER	58GMC-100LC	2055	118.0	102.0	3/4	14.2	20/1

GAS UNIT HEATER SCHEDULE

KEY	MANUFACTURER	MODEL #	NOMINAL CFM	NATURAL GAS		HP	FLA	O.C.
				MIN INPUT	MAX OUTPUT			
UH-1	REZNOR	PD-15	180	25.0	20.6	1/70	1.5	15/1

CHANGE

ELECTRIC HEAT SCHEDULE

KEY	MANUFACTURER	MODEL #	WATTS	MOUNT	VOLTS/PHASE	AMPS	O.C.	BTU/HR
BB-1	CHROMOLOX	QMX-2512-6N	500	BASEBOARD	120/1	4.2	15/1	1706
BB-2	CHROMOLOX	QMX-2512W	750	BASEBOARD	120/1	6.7	15/1	2559
WH-1	CHROMOLOX	AWH-4408-2	4,000	WALL	208/1	19.5	25/2	13,650
WH-2	CHROMOLOX	AWH-4208-2	2,000	WALL	208/1	10.	15/2	6,842

SUPPLY AIR REGISTERS AND DIFFUSERS

KEY	MANUFACTURER	MODEL #	SIZE	THROW	CFM	MOUNT	DESCRIPTION
S-1	CASCO	24X24	24"X24"	6'	400	CEILING	4-WAY
S-2	CASCO	L14PC	12"X24"	6'	200	CEILING	4-WAY
S-3	GRILLEMASTER	VH	20"X 8"	20'	400	WALL	1-WAY

RETURN AND EXHAUST AIR GRILLES

KEY	MANUFACTURER	MODEL #	SIZE	CFM	MOUNT	DESCRIPTION
R-1	HART & COOLEY	650H	14"X 8"	175	WALL	RETURN
R-2	CASCO	24X24	24"X24"	500	CEILING	RETURN
R-3	HART & COOLEY	650H	36"X16"	1083	WALL	RETURN
R-4	HART & COOLEY	650H	24"X12"	400	WALL	RETURN
R-5	HART & COOLEY	650H	24"X24"	960	UNIT	RETURN

EXHAUST FAN SCHEDULE

KEY	MANUFACTURER	MODEL #	CFM	S.P.	HP/WATTS	VOLTS/PHASE
EF-1	NUTONE	688A	70	--	50W	120/1
EF-2	GEMINI	4-15A	150	1/4"	68W	120/1
EF-3	GEMINI	1-10	210	1/4"	81W	120/1

NOT FOR CONSTRUCTION
PRELIMINARY PENDING APPROVAL

NO.	REVISIONS	DATE	BY

CLARK ELECTRIC INC.
REFRIGERATION - AIR CONDITIONING - ELECTRICAL - SHEET METAL
Paradise, PA 17562
Phone # (717)687-0676 Fax # (717)687-9065

PHYSORTHORAD ASSOCIATES
DERRY TOWNSHIP, PENNSYLVANIA

FIRST FLOOR MECHANICAL PLAN

DRAWN	WM
CHECK	
DATE	11-5-92
SCALE	1/8"=1'0"
JOB NO.	

DWG.NO. M-1