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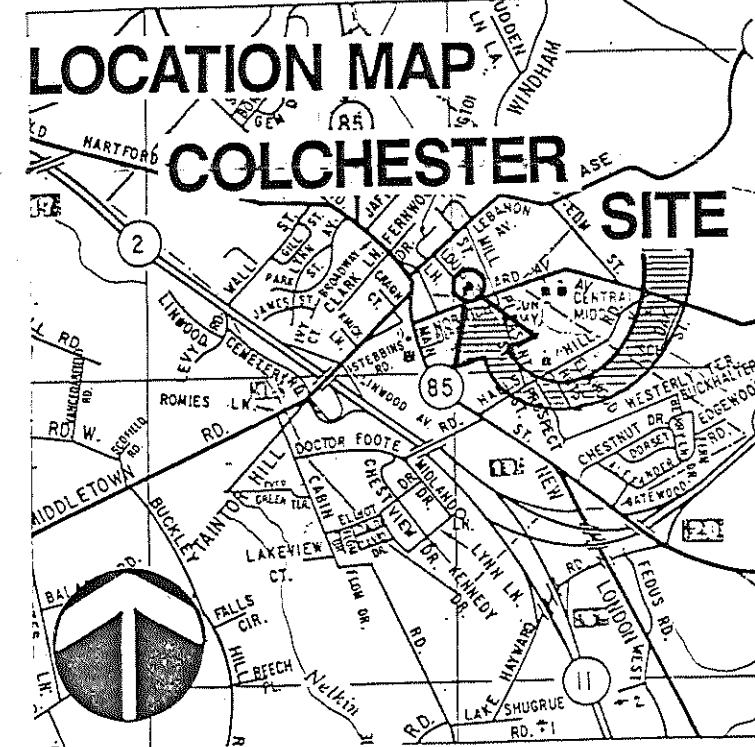
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MUNICIPAL OFFICE COMPLEX

TOWN OF COLCHESTER

127 NORWICH AVENUE, COLCHESTER, CONNECTICUT

AUGUST 1, 1988

PETER ABEL INC.
ARCHITECTS / PLANNERS
P.O. BOX 210, 21 S. MAIN ST.
MARLBOROUGH, CONN., 06447

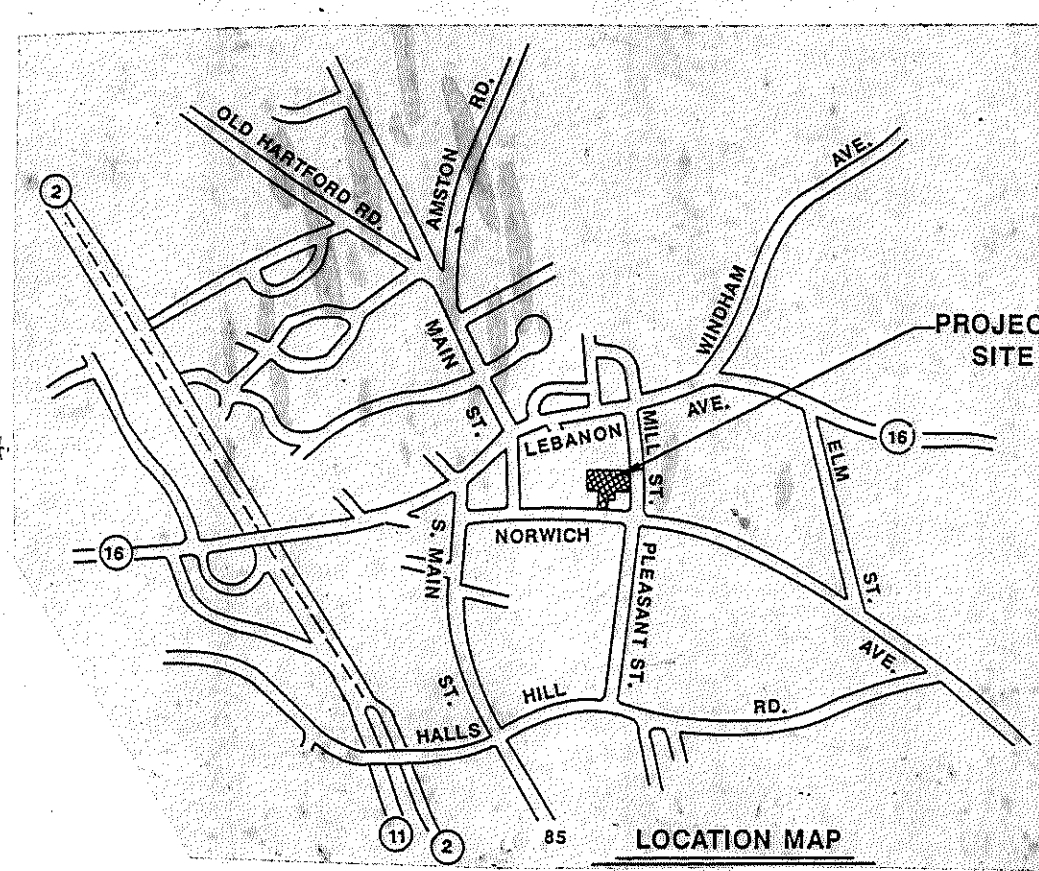
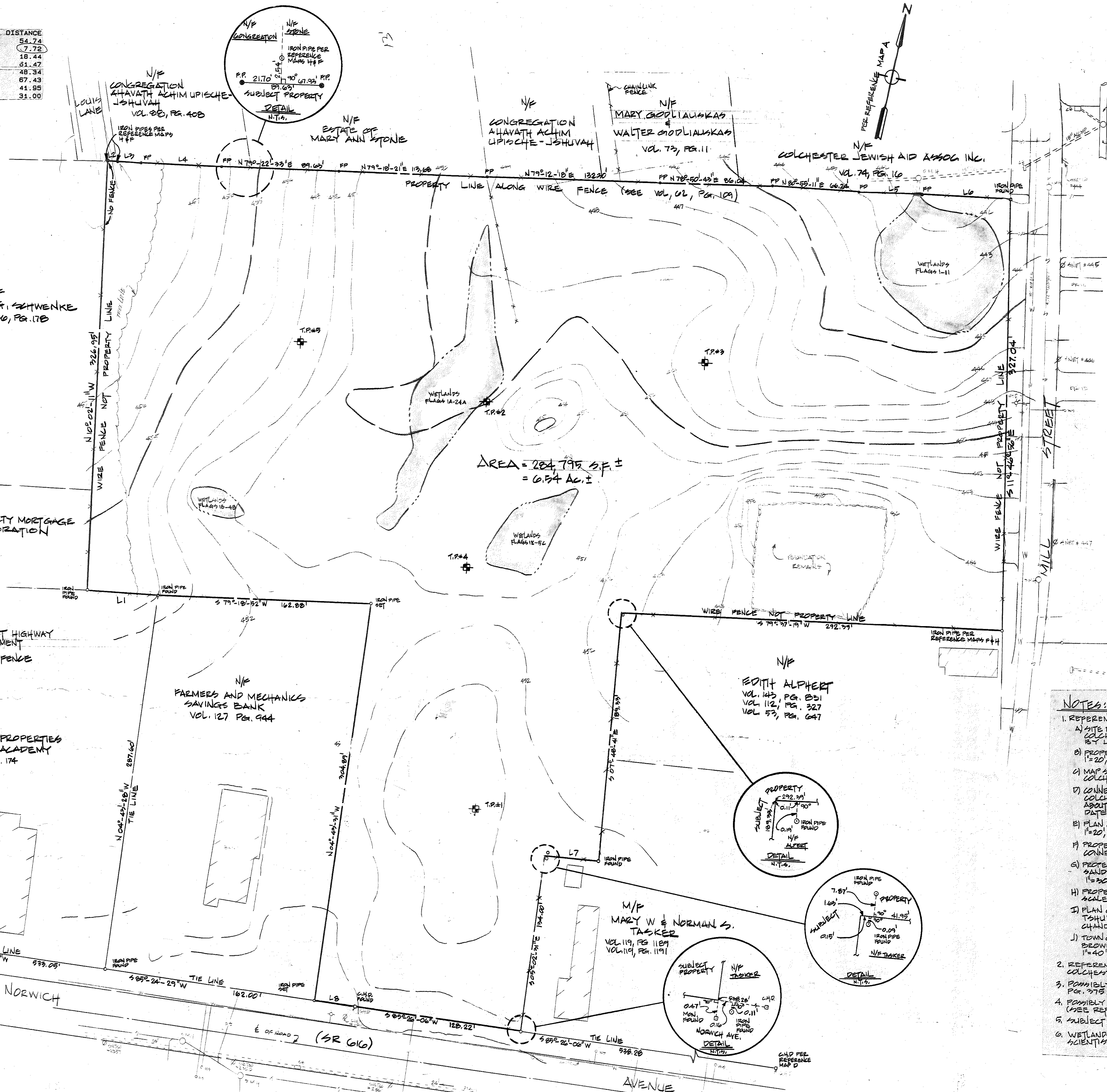
R.A. GOODELL & ASSOC., INC.
CONSULTING ENGINEERS
31 CONCORD STREET
GLASTONBURY, CONN., 06033

BUILDING COMMITTEE
FRANKLIN JACKTER, CHAIRMAN
FRANCIS DUNCAN GREEN JR.
DEAN CONRAD
PATRICIA BARTON
ROBERT HURWIT

CIANCI & CIANCI
STRUCTURAL ENGINEERS
198 WETHERSFIELD AVE.
HARTFORD, CONN., 06114

CUMMINGS & LAFAYETTE
CONSULTING ENGINEERS
317 MAIN STREET
NORWICH, CONN., 06360

LINE	BEARING	DISTANCE
1	S 80°57'29"W	54.74
2	N 78°30'12"E	7.72
3	N 80°56'56"E	18.44
4	N 79°49'45"E	31.47
5	N 78°27'44"E	48.34
6	N 80°11'18"E	67.43
7	S 82°23'19"W	41.95
8	S 85°24'29"W	31.00



TEST PITS

- TEST PIT #1**
- 0"-12" DARK BROWN TOPSOIL
 - 12"-32" YELLOWISH BROWN FINE SANDY LOAM MOTTLED @ 14"; WATER @ 24"
 - 32"-43" LT. GRAYISH BROWN FINE SILTY SANDY LOAM WITH SOME GRAVEL
 - 43"-87" YELLOWISH TAN SANDY GRAVEL (GRAVEL 2")
 - 87"-105" BLUE/GRAY HARDPAN; COBBLES
- TEST PIT #2**
- 0"-11" DARK BROWN TOPSOIL
 - 11"-32" LT. GRAY/OLIVE FINE SANDY LOAM MOTTLED @ 13"; WATER @ 21"
 - 32"-85" YELLOWISH TAN SANDY GRAVEL (GRAVEL 3")
- TEST PIT #3**
- 0"-13" DARK BROWN TOPSOIL
 - 13"-60" ORANGE/BROWN SANDY GRAVEL LOAM MOTTLED @ 14"; WATER @ 24"
 - 60"-84" MED. GRAY/OLIVE SANDY GRAVEL
 - 84"-92" BLUE/GRAY HARDPAN
- TEST PIT #4**
- 0"-10" DARK BROWN TOPSOIL
 - 10"-24" GRAYISH/OLIVE/ORANGE FINE SANDY LOAM MOTTLED @ 14"; WATER @ 26"
 - 24"-93" YELLOWISH/GRAY SANDY GRAVEL
 - 93" BLUE/GRAY HARDPAN
- TEST PIT #5**
- 0"-10" DARK BROWN TOPSOIL
 - 10"-25" YELLOWISH TAN FINE SANDY LOAM MOTTLED @ 15"; WATER @ 22"
 - 25"-84" YELLOWISH TAN/ORANGE SANDY GRAVEL
 - 84" LEDGE/ROCK RUST COLOR GRAVEL
 - 12"-18" ABOVE LEDGE

NOTES:

- REFERENCE IS MADE TO THE FOLLOWING MAPS:
 - A SITE PLAN, PROPOSED BANK, PREPARED FOR SCHUSTER REALTY COMPANY, COLCHESTER, CONN., SCALE: 1"=20', DATED 6-4-80, REVISED THRU 6-24-80, BY HARRY K. MCGON.
 - PROPERTY OF TOWN OF COLCHESTER, 23 NORWICH AVE, COLCHESTER, CT, SCALE: 1"=20', DATED JUNE 11, 1980, PREPARED BY M. SIMS, BY JOSEPH KIRKP.
 - MAP SHOWING SUBDIVISION OF ALEX GETZOFF AND MARY GETZOFF STONE, COLCHESTER, CONN., SCALE: 1"=20', DATED FEB. 20, 1960, BY MICHAEL J. GARVIL.
 - CONNECTICUT STATE HIGHWAY DEPARTMENT RIGHT-OF-WAY MAP TOWN OF COLCHESTER, HAYWARD AVENUE FROM THE GREEN EASTERLY ABOUT 3000.0 FEET, ROUTE NO. 17, SCALE: 1"=40', NUMBER 17, SHEETS 1 & 2 OF 2, DATED APPROVED: JUNE 24, 1921, REVISED: JUNE 19, 1939.
 - PLAN OF PROPERTY OF BACON ACADEMY, COLCHESTER, CONNECTICUT, SCALE: 1"=20', DATED JUNE 1936, BY CHANDLER & PALMER.
 - PROPERTY OF SCHUSTER REALTY CO., NORWICH AVE. & MILL ST., COLCHESTER, CONNECTICUT, SCALE: 1"=20', DATED 22 SEPT, 1975, BY EDWARD J. KANT.
 - PROPERTY OF CLARE G. BROWN, MARGARET BROWN DOZIER & ALICE BROWN SANDERS, NORWICH AVENUE (CONN. RTE #2) COLCHESTER, CONNECTICUT, SCALE: 1"=20', DATED JANUARY 1908, BY DICEGARE-BENTLEY-WELLING.
 - PROPERTY OF JOSEPH & LEONA BUTOVA, MILL STREET COLCHESTER, CONNECTICUT, SCALE: 1"=20', DATED: JANUARY 1908, BY DICEGARE-BENTLEY-WELLING.
 - PLAN OF LAND OWNED BY CONGREGATION-AHAVATH-ACHIM UPISCHE-CHANDLER & PALMER, COLCHESTER, CONN., SCALE: 1"=40', DATED JULY 1959, BY
 - TOWN OF COLCHESTER MAP SHOWING EASEMENT ACQUIRED FROM CLARE G. BROWN ET AL. & THE STATE OF CONNECTICUT NORWICH AVE, SCALE: 1"=40', DATED MAY 1933.
- REFERENCE IS MADE TO THE FOLLOWING DEED OF FILE IN THE TOWN OF COLCHESTER LAND RECORDS: VOL. 124, PG. 242.
- POSSIBLY SUBJECT TO RIGHTS IN FAVOR OF OTHERS RECORDED IN VOL. 26, PG. 375.
- POSSIBLY SUBJECT TO RIGHTS IN FAVOR OF THE STATE OF CONNECTICUT (SEE REF. MAP 1).
- SUBJECT TO WHATEVER RIGHTS OF RECORD OR OTHERWISE AS MAY APPEAR.
- WETLANDS SHOWN AS FLAGGED BY MICHAEL SCHAEFER, CERTIFIED SOIL SCIENTIST.

I hereby declare that this map is substantially correct. This map and survey were prepared in accordance with the standards of a Class Survey as defined in the "Recommended Standards for Surveys and Maps in the State of Connecticut" as prepared and adopted by the Connecticut Association of Land Surveyors, Inc., on September 13, 1984.

SURVEYOR DATE REGISTRATION NO.

SCALE: 1"=40'

Chandler, Palmer & King
110 Broadway - Norwich, Connecticut - 06360

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TOWN OF COLCHESTER
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COLCHESTER, CONNECTICUT



Peter Abel Inc.
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EXISTING
SITE PLAN

PROJECT NO
8604

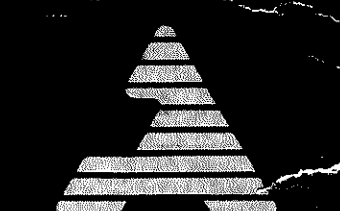
SCALE 1"=40'

DRAWN BY T.A.W.

CHECKED BY T.K.G.

DATE AUGUST 1988

L 1

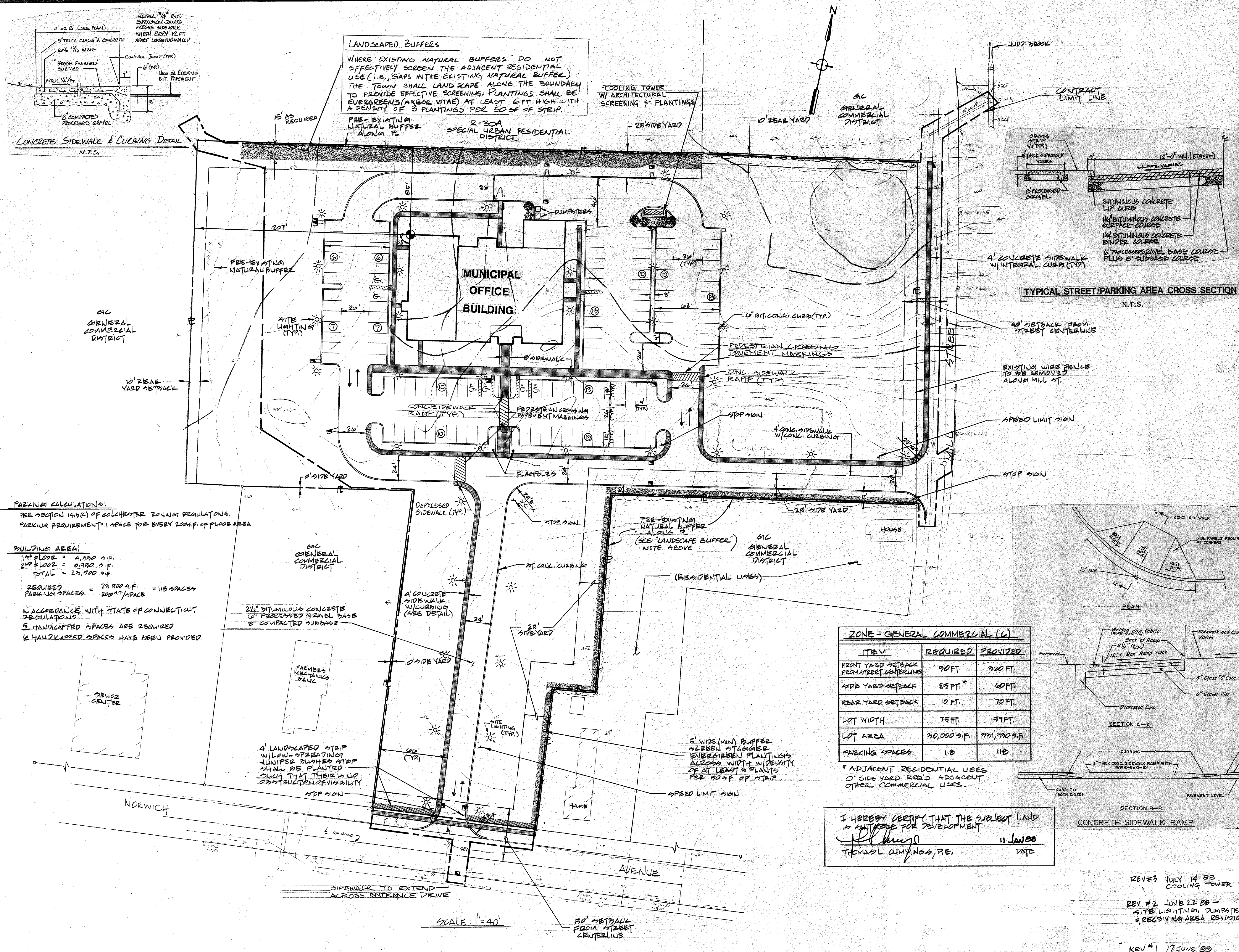


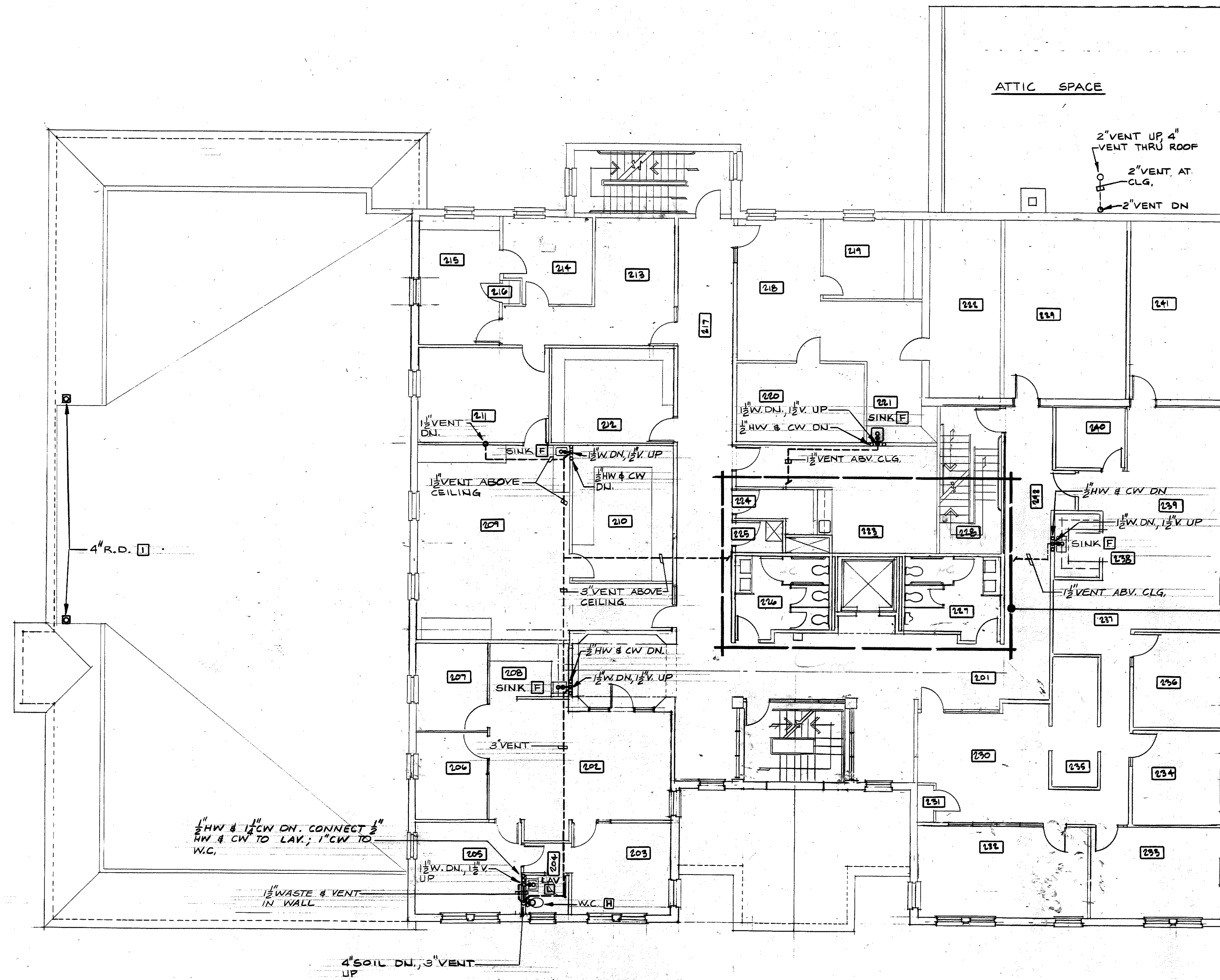
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PROJECT NO.
8604

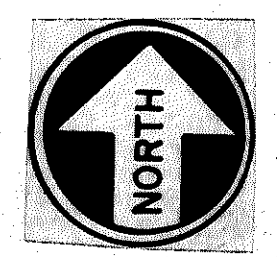
DATE: AUGUST 1 1980

2





FOR PLUMBING IN 2ND FLOOR CORE TOILETS REFER TO 1/4" SCALE FLOOR PLAN ON DWG P-4



SECOND FLOOR	
NO.	NAME
201	CORRIDOR 'A-1'
202	TOWN ADMINISTRATION
203	SELECTMAN
204	TOILET
205	CONFERENCE
206	OFFICE
207	OFFICE
208	WORK ROOM
209	PAYROLL/ACCOUNTING
210	RECORD STORAGE
211	CONF/FUTURE COMPUTER
212	PHOTOCOPY/STORAGE
213	SEC/RECP'T
214	OFFICE
215	OFFICE
216	CLOSET
217	CORRIDOR 'C-1'
218	SEC/RECP'T (PROBATE)
219	OFFICE
220	CHAMBERS
221	WORK ROOM
222	RECORD STORAGE
223	EMPLOYEE'S LOUNGE
224	ELECTRICAL CLOSET
225	JANITOR CLOSET
226	WOMEN
227	MEN
228	STAIR NO. 2
229	GENERAL RECORD STOR.
230	RECP'T/SEC. (BD. OF ED.)
231	CLOSET
232	CONFERENCE
233	SUPERINTENDENT'S OFF.
234	OFFICE
235	RECORD STORAGE
236	DIRECTOR SPECIAL ED.
237	SEC. SPECIAL ED.
238	WORK ROOM
239	FINANCE/PAYROLL
240	OFFICE
241	RECORD STORAGE
242	CORRIDOR 'B'

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SECOND FLOOR PLAN

PLUMBING

PROJECT NO.
8604

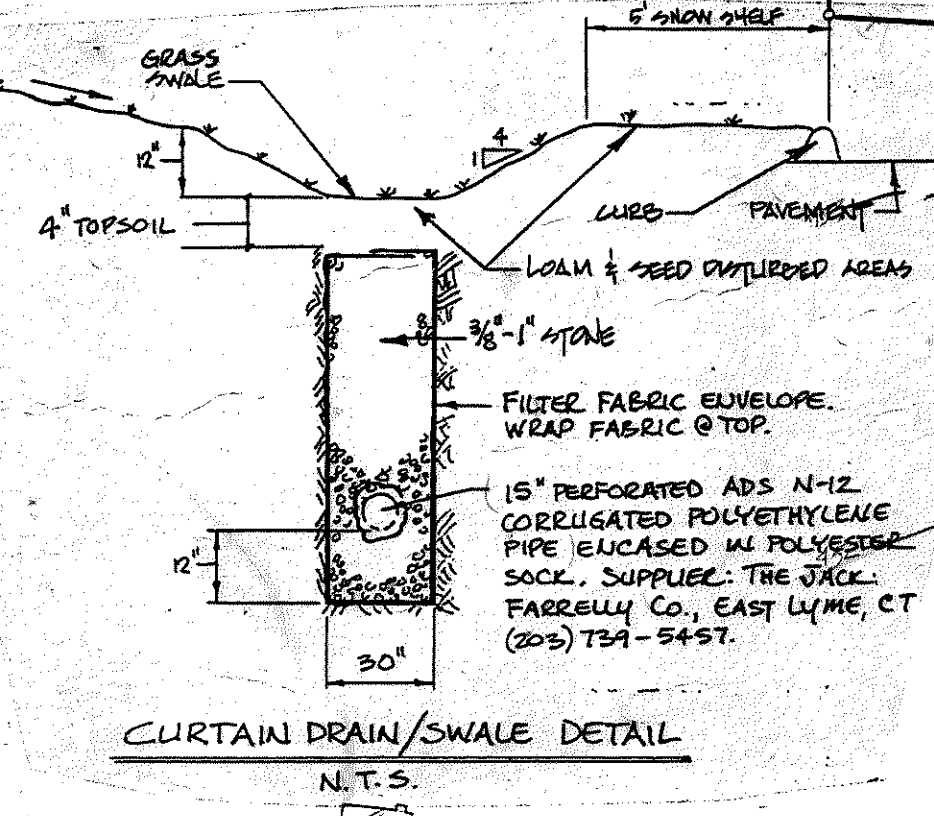
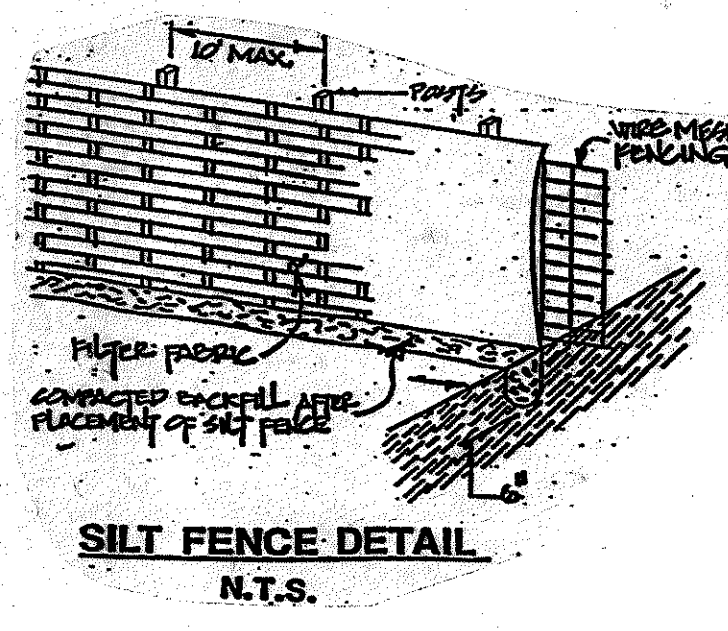
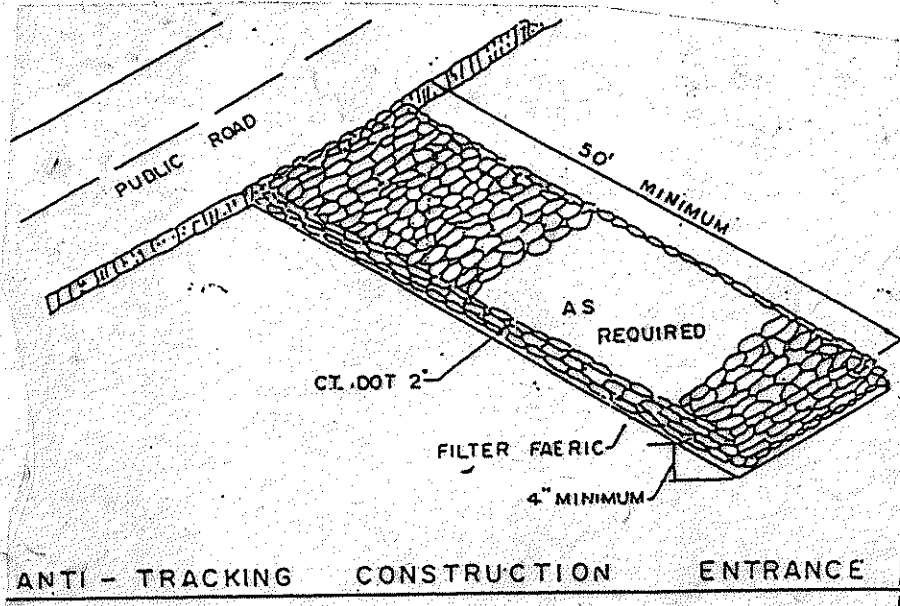
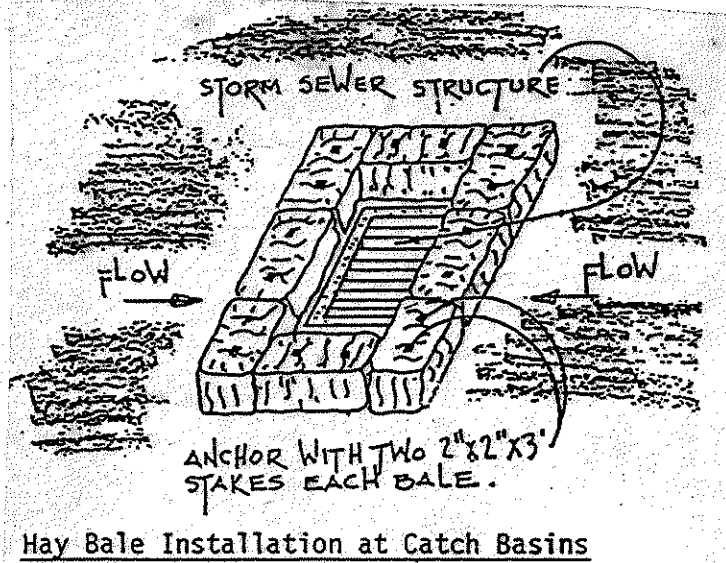
SCALE: 1/8" = 1'-0"

DRAWN BY: PLS

CHECKED BY: EML

DATE: 8/1/88

P-2



EXCAVATE EXISTING WETLAND SOILS & STOCKPILE IN DESIGNATED AREA UNTIL DRIED OUT AND IN WORKABLE CONDITION. BACKFILL AREAS WITH SUITABLE EXCAVATED MATERIAL FROM SITE.

INSTALL SILT FENCE PRIOR TO INSTALLATION OF 24" RCP TO MILL ST.

EMERGENCY PAVED LEAKOFF 449.2

PAVED LEAK-OFF(S) TO YARD DRAINAGE

EXISTING FOUNDATION TO BE FILLED WITH SUITABLE EXCAVATED MATERIAL AND BROUGHT TO PROPOSED GRADES SHOWN

LEGEND

- EXISTING CONTOUR
- PROPOSED CONTOUR
- EXISTING WATERLINE
- PROPOSED WATERLINE
- EXISTING HYDRAULIC
- PROPOSED HYDRAULIC
- EXISTING SEWER LINE
- PROPOSED SEWER LINE
- PROPOSED CURTAIN DRAIN
- PROPOSED FLOODING DRAIN
- PROPOSED DRAINAGE PIPE
- PROPOSED CATCH DRAIN
- HANDICAP PARKING
- PROPOSED SEWER MANHOLE
- EXISTING SEWER MANHOLE
- PROPERTY LINE
- WETLANDS AT C.B.

WETLANDS DELINEATED IN THE FIELD BY MICHAEL G. SCHAEFER, CERTIFIED SOIL SCIENTIST.

1/5/88 DATE

"THE COLCHESTER CONSERVATION COMMISSION, ACTING AS THE INLAND WETLANDS AGENCY FOR THE TOWN AND BOROUGH OF COLCHESTER, APPROVES THE PLAN AS DEPICTED. ANY CHANGES IN THE PLAN THAT MAY HAVE ANY IMPACT UPON REGULATED WETLANDS OR WATERCOURSES ARE SUBJECT TO REVIEW BY THE COMMISSION. ANY MAY REQUIRE ADDITIONAL PERMIT."

CHAIRMAN DATE

EROSION & SEDIMENTATION CONTROL NOTES

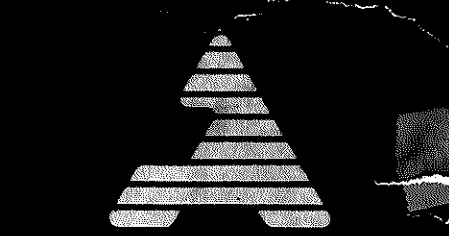
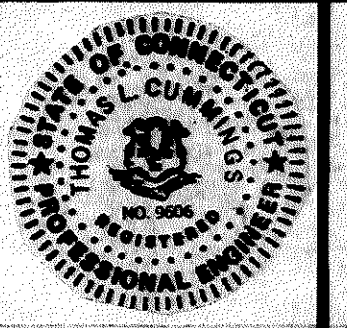
- There are four wetland areas on the site which have been flagged by certified soil scientist, Michael G. Schaefer. None of the wetlands contain significant botanical or animal species. The only wetland plant which was identified in the field were sedges. The wetlands are isolated depressions. In the land which seasonally become wet due to a fluctuating groundwater table at the site.
- The proposed activity within the wetland areas consists of the following:
 - The existing wetland area located in the northeast corner of the site near Mill Street will remain unchanged and will continue to function as a wet area. Installation of the 24" storm drainage pipe carrying runoff from the office complex development, will require crossing at the throat of these wetlands for a distance of approximately 15 feet. Upon completion of the pipe installation, the disturbed area will be seeded and sloped to drain as it currently does towards the existing outlet as shown on the plans.
 - The construction of the municipal office complex will require the filling of the three smaller wetland areas located in the middle section of the site.
- The Town of Colchester shall be responsible for the implementation and maintenance of the erosion and sedimentation control measures.
- All erosion and sedimentation control measures were designed in accordance with the State of Connecticut "Guidelines for Soil Erosion and Sediment Control".
- All erosion and sedimentation control measures shall remain in place until permanent vegetation is established. Barriers shall be inspected after each storm and at least daily during prolonged rainfall. Any required repairs shall be made immediately. Sediment shall be removed when it has reached half the original height of the barrier.
- All disturbed areas shall be seeded and mulched for protection against erosion. The following seeding mixtures shall be provided on all disturbed areas: Kentucky Bluegrass - 20 lbs/acre; Creeping Red Fescue - 20 lbs/acre; Perennial Ryegrass - 5 lbs/acre. Recommended seeding dates are April 1 through June 1 and August 15 through September 1.
- Treatment of Excavated Wetland Soils - Excavated wetland soils from the site shall be stockpiled in the designated stockpile area shown on the drawing and allowed to dry out and become workable prior to their removal from the site. Silt fencing shall be installed downslope of the stockpile area as shown.

CONSTRUCTION SEQUENCE & NOTES

- Silt fencing shall be in place in front of the existing drainage outlet and around the Mill Street wetland area as shown on the plans prior to the start of construction. In addition, anti-tracking mats shall be installed at the proposed access drive locations prior to the start of rough grading for the site.
- Installation of the curtain drain and associated drainage piping connecting into the drainage system at Judd Brook shall be installed next. When the site has dried out to a workable condition, rough grading and construction for the building, parking areas and access drives will then begin.
- Should dewatering become necessary, water being disposed of by pumping and dewatering operations shall not be permitted to flow into or through excavations in which work is underway or which permanent vegetation has not been established. Water shall be disposed of in such a manner to avoid injury to persons or private property, or to the work in progress.
- Erosion and sedimentation control measures shall not be removed until permanent vegetation has become established over the disturbed areas. Permanent vegetation for the disturbed areas shall consist of the seed mixture specified in note #6 of the E&S notes.

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MUNICIPAL OFFICE COMPLEX TOWN OF COLCHESTER NORWICH AVE. COLCHESTER, CONNECTICUT

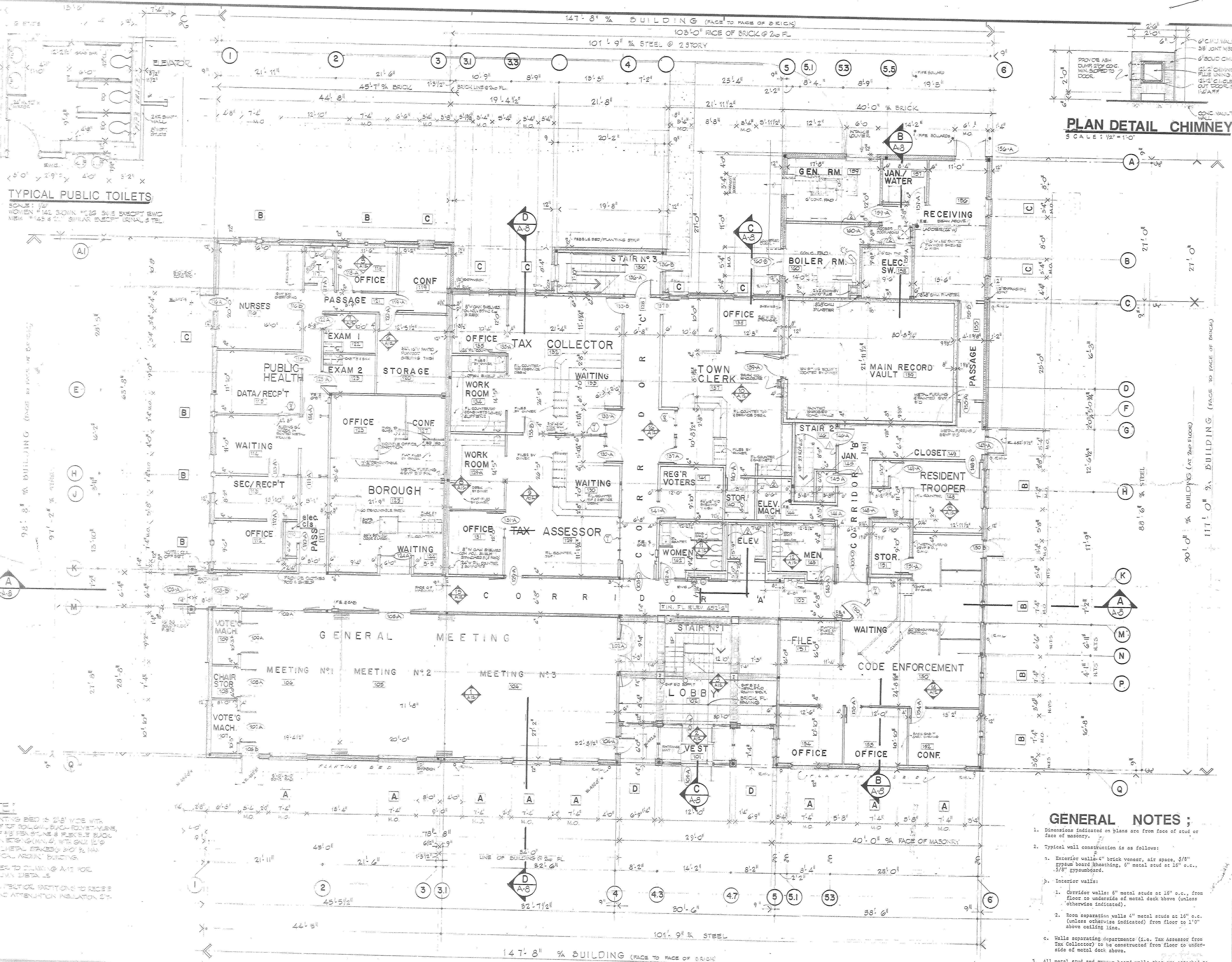


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GRADING / EROSION & SEDIMENTATION CONTROL PLAN

PROJECT NO. 8604	SCALE: 1"=40'
DRAWN BY: T.A.W.	CHECKED BY: T.K.G.
DATE: AUGUST 1988	REVISIONS

REV #1 JUNE 22 88 - RECEIVING AREA



TYPICAL PUBLIC TOILETS
 SCALE: 1/4" = 1'-0"
 NOTES: 1. 4" DIA. DOWN "225" S.W. EXCEPT S.W.C.
 2. 1/2" DIA. S.W. 1/2" DIA. S.W. 1/2" DIA. S.W.

PLAN DETAIL CHIMNEY
 SCALE: 1/2" = 1'-0"

NOTE:
 1. PLANTING BED IS 2'-0" WIDE WITH 1" TOP OF POLYETHYLENE BACK FILL. 1" TOP OF 10" STONE & FLEXIBLE BLOCK. 1" TOP OF 10" STONE & FLEXIBLE BLOCK. 1" TOP OF 10" STONE & FLEXIBLE BLOCK.
 2. REFLECT TO PLANTING BED FOR 10" DIA. COLUMNS.
 3. ALL EXTERIOR PARTITIONS TO BE 2" MIN. INSULATION 2" MIN.

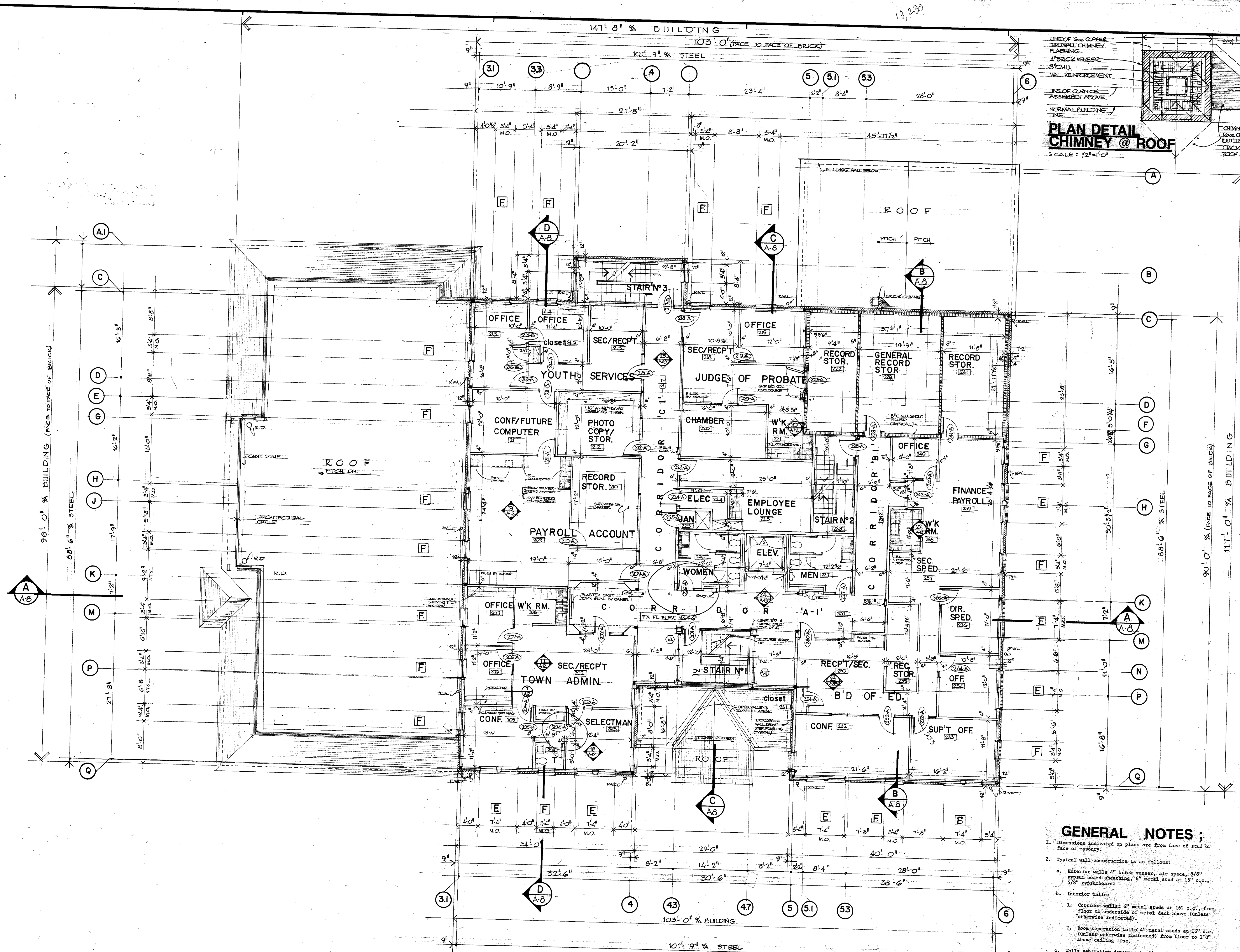
- GENERAL NOTES:**
- Dimensions indicated on plans are from face of stud or face of masonry.
 - Typical wall construction is as follows:
 - Exterior walls: 4" brick veneer, air space, 5/8" gypsum board sheathing, 6" metal stud at 16" o.c., 5/8" gypsumboard.
 - Interior walls:
 - Corridor walls: 6" metal studs at 16" o.c., from floor to underside of metal deck above (unless otherwise indicated).
 - Room separation walls: 4" metal studs at 16" o.c. (unless otherwise indicated) from floor to 1'0" above ceiling line.
 - Walls separating departments (i.e. Tax Assessor from Tax Collector) to be constructed from floor to underside of metal deck above.
 - All metal stud and gypsum board walls that are attached to steel beams are to be constructed with **Deflection Track** runners sized to receive the stud type indicated and allow for 1" deflection in beam connection.

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 CT, CONNECTICUT

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FIRST FLOOR PLAN

PROJECT NO
8604
 SCALE 1/8" = 1'-0"
 DRAWN BY F.S.M.
 CHECKED BY W.R.
 DATE APR 1982

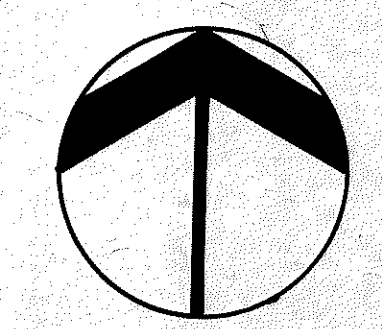


PLAN DETAIL CHIMNEY @ ROOF
SCALE: 1/2" = 1'-0"

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TOWN OF COLCHESTER**
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COLCHESTER, CONNECTICUT

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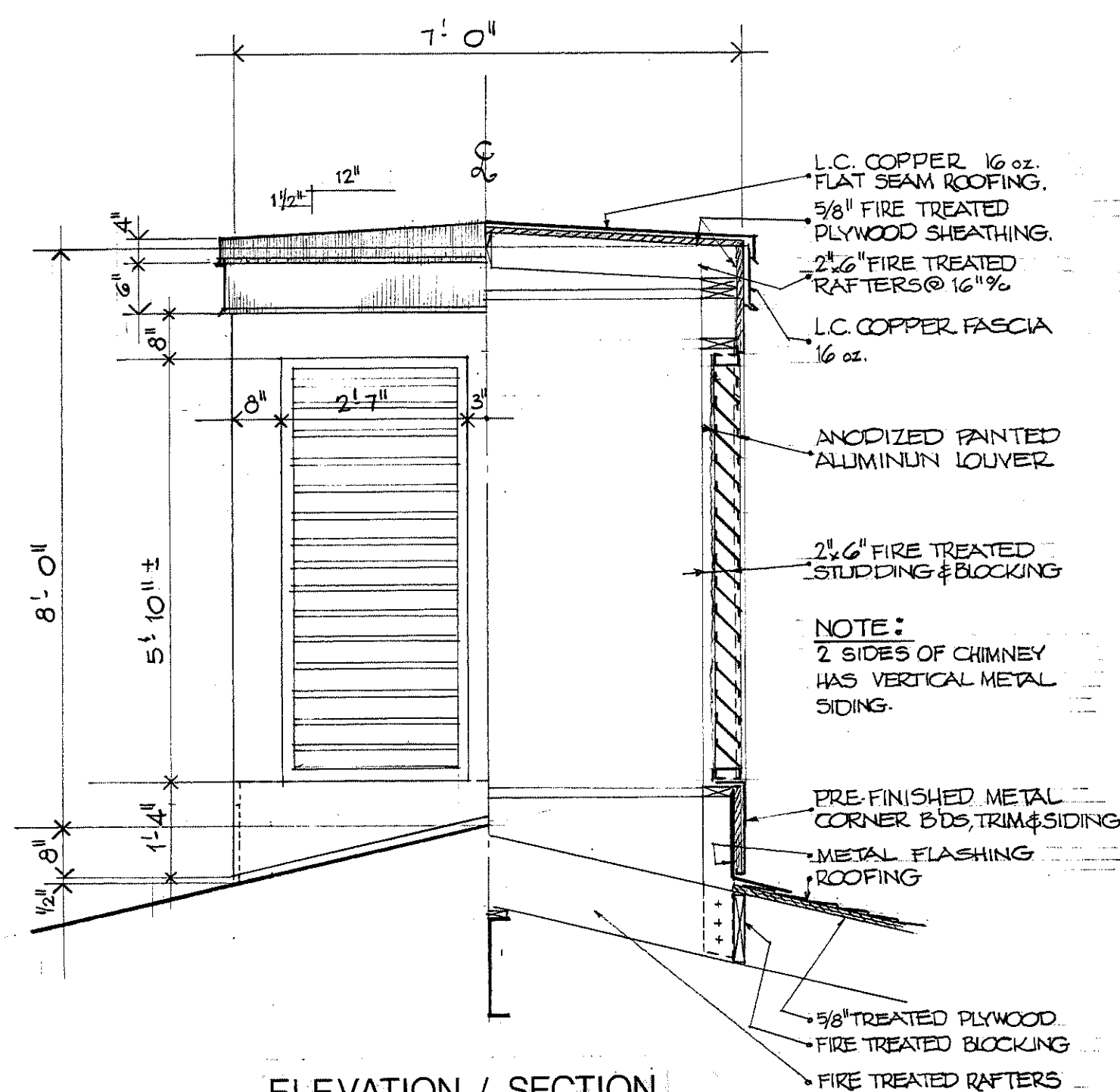
**SECOND FLOOR
PLAN &
MEZZANINE PLAN**



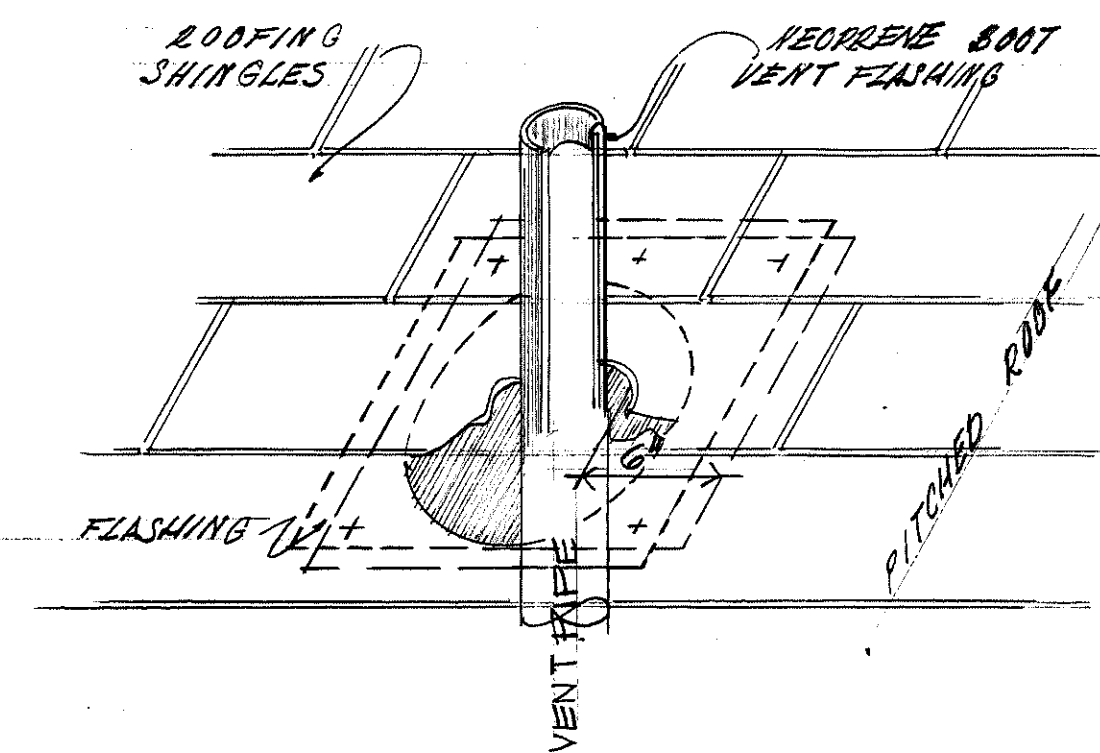
- GENERAL NOTES:**
- Dimensions indicated on plans are from face of stud or face of masonry.
 - Typical wall construction is as follows:
 - Exterior walls: 4" brick veneer, air space, 5/8" gypsum board sheathing, 6" metal stud at 16" o.c., 5/8" gypsum board.
 - Interior walls:
 - Corridor walls: 6" metal studs at 16" o.c., from floor to underside of metal deck above (unless otherwise indicated).
 - Room separation walls: 4" metal studs at 16" o.c. (unless otherwise indicated) from floor to 1" above ceiling line.
 - Walls separating departments (i.e. Tax Assessor from Tax Collector) to be constructed from floor to underside of metal deck above.
 - All metal stud and gypsum board walls that are attached to steel beams are to be constructed with Deflection Track runners sized to receive the stud type indicated and allow for 1" deflection in beam connection.

PROJECT NO.
8604
SCALE: 1/8" = 1'-0"
DRAWN BY: F.S.M.
CHECKED BY: F.S.M.
DATE: AUGUST 1, 1988

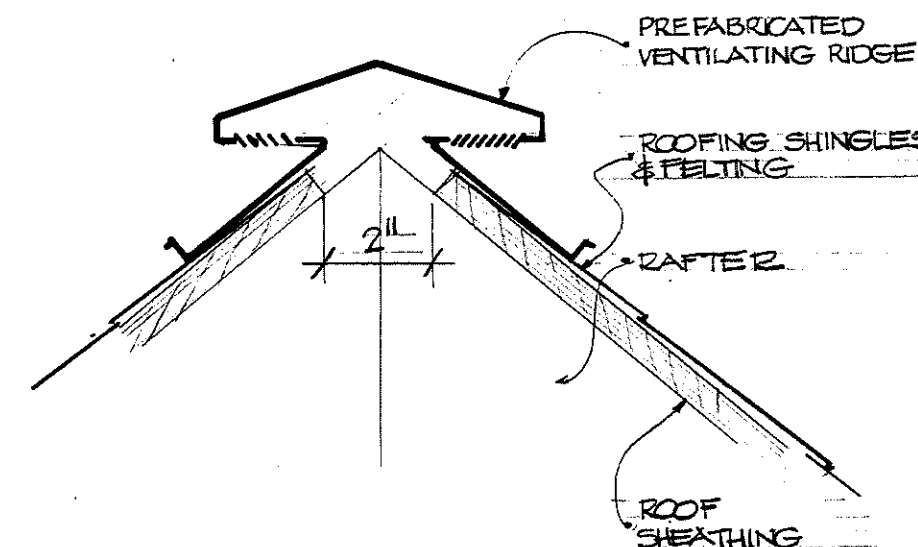
A-2



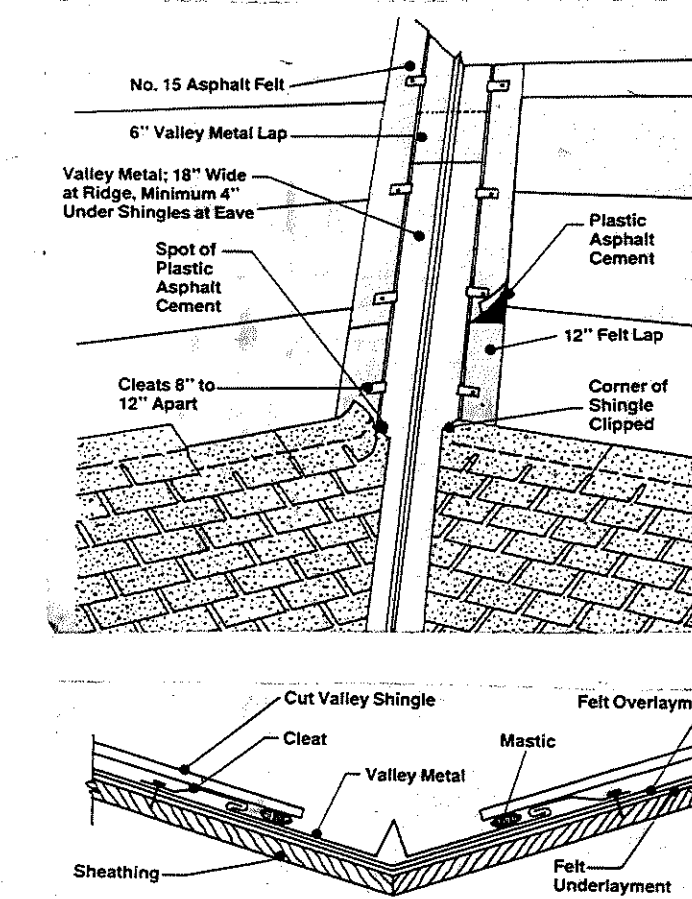
ELEVATION / SECTION
VENTILATING CHIMNEY
SCALE: 1/2" = 1'-0"



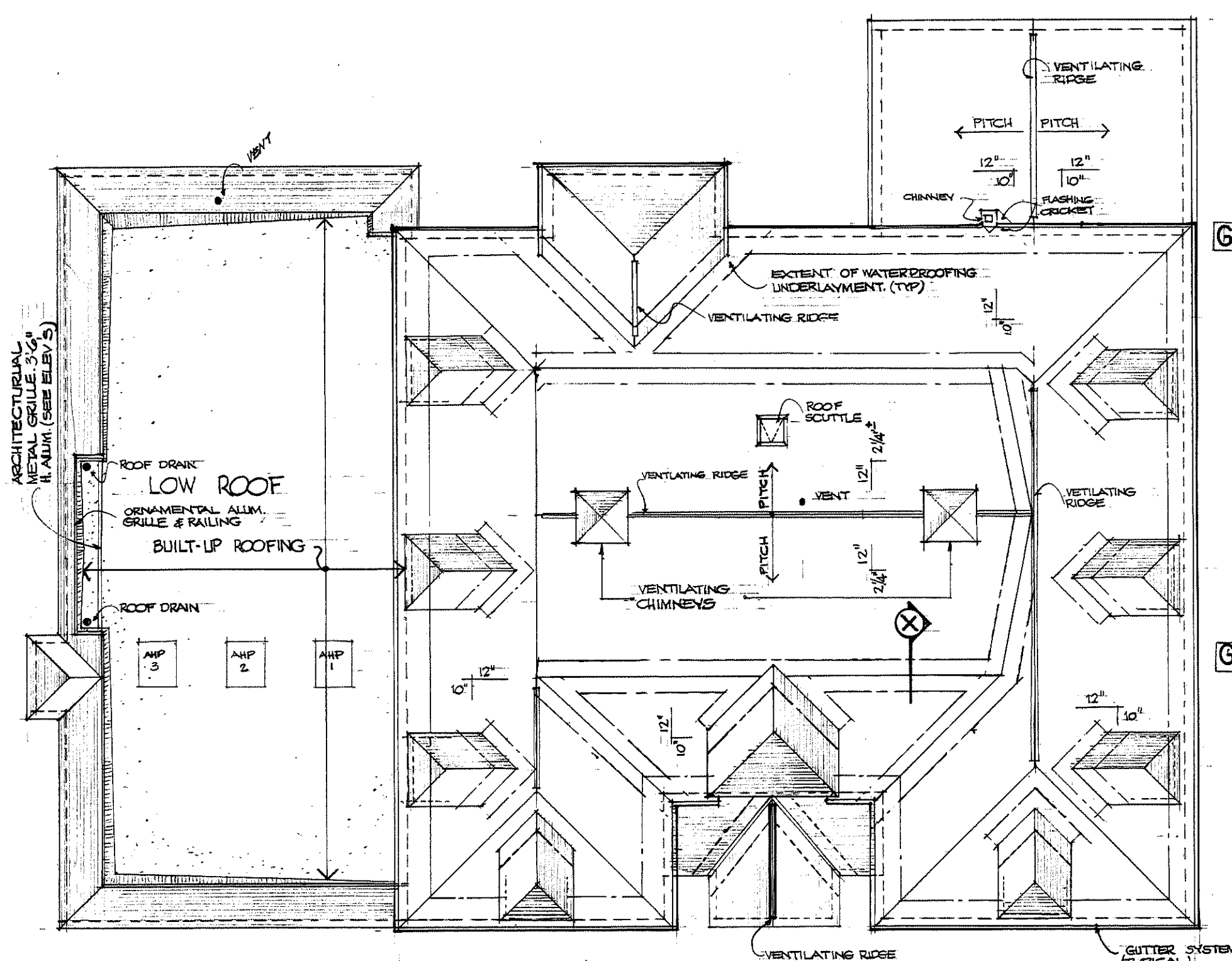
DETAIL @ TYPICAL VENT
NO SCALE



TYPICAL RIDGE VENT DETAIL
NO SCALE



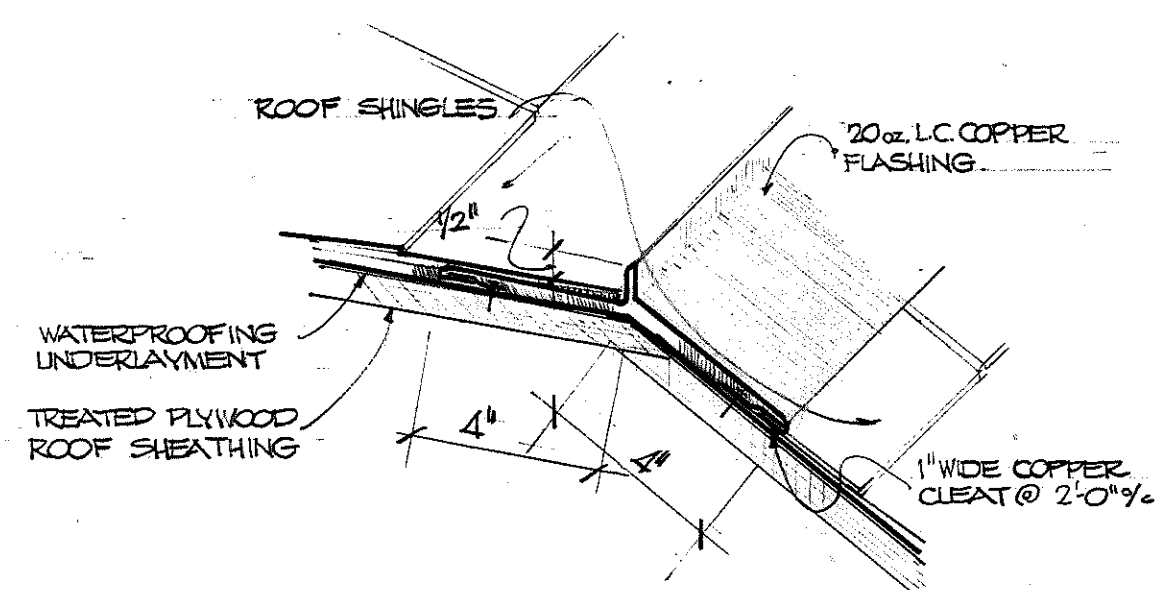
TYPICAL VALLEY FLASHING
NO SCALE



ROOF PLAN

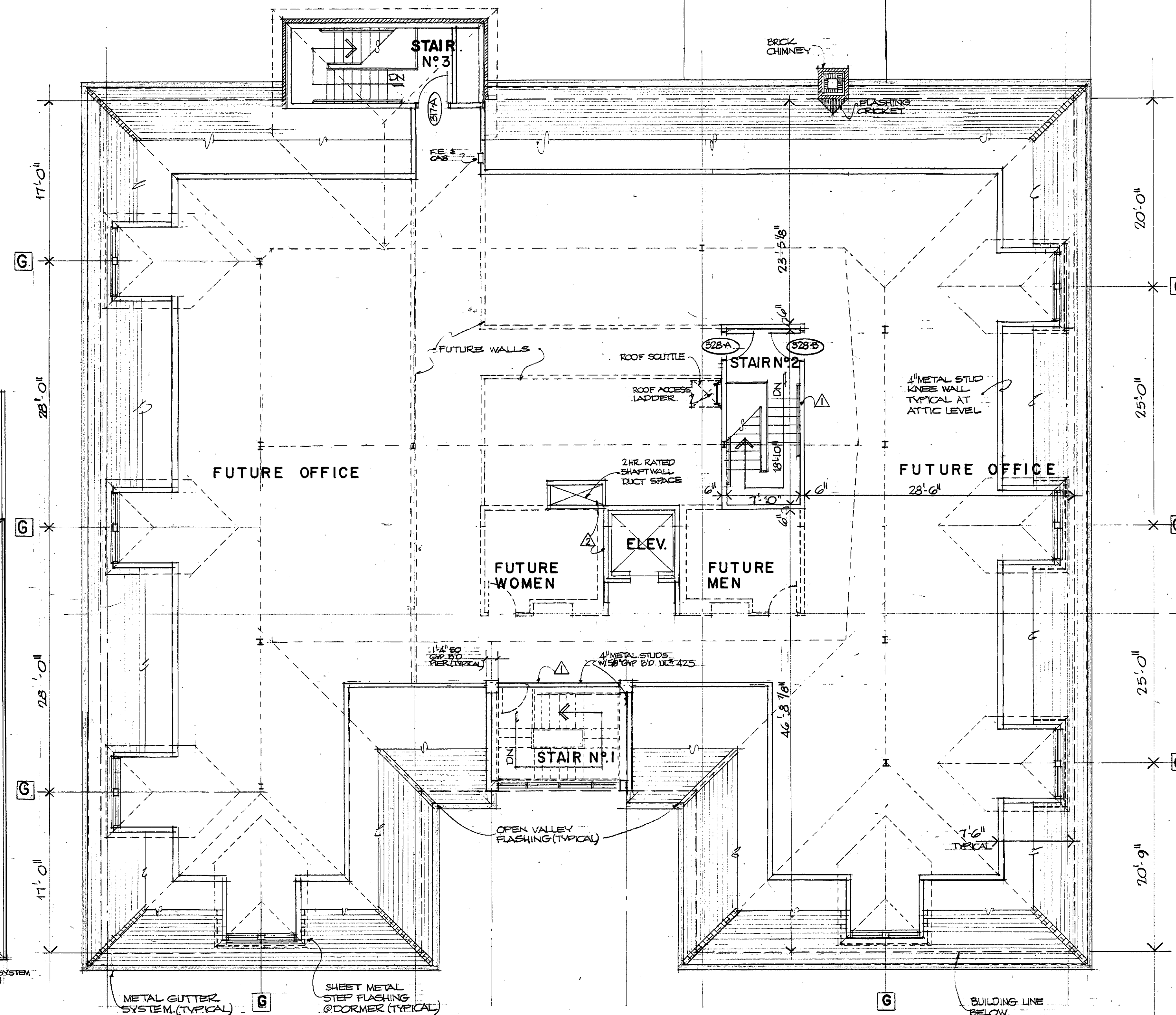
SCALE: 1/16" = 1'-0"

NOTE: REFER TO ALTERNATE N°1.
FOR INFORMATION ON METAL ROOFING



ROOF DETAIL (X)

NO SCALE



ATTIC LEVEL PLAN

SCALE: 1/8" = 1'-0"

MUNICIPAL OFFICE COMPLEX TOWN OF COLCHESTER

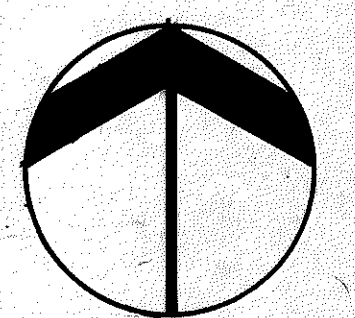
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ATTIC PLAN & ROOF PLAN



PROJECT NO.
8604

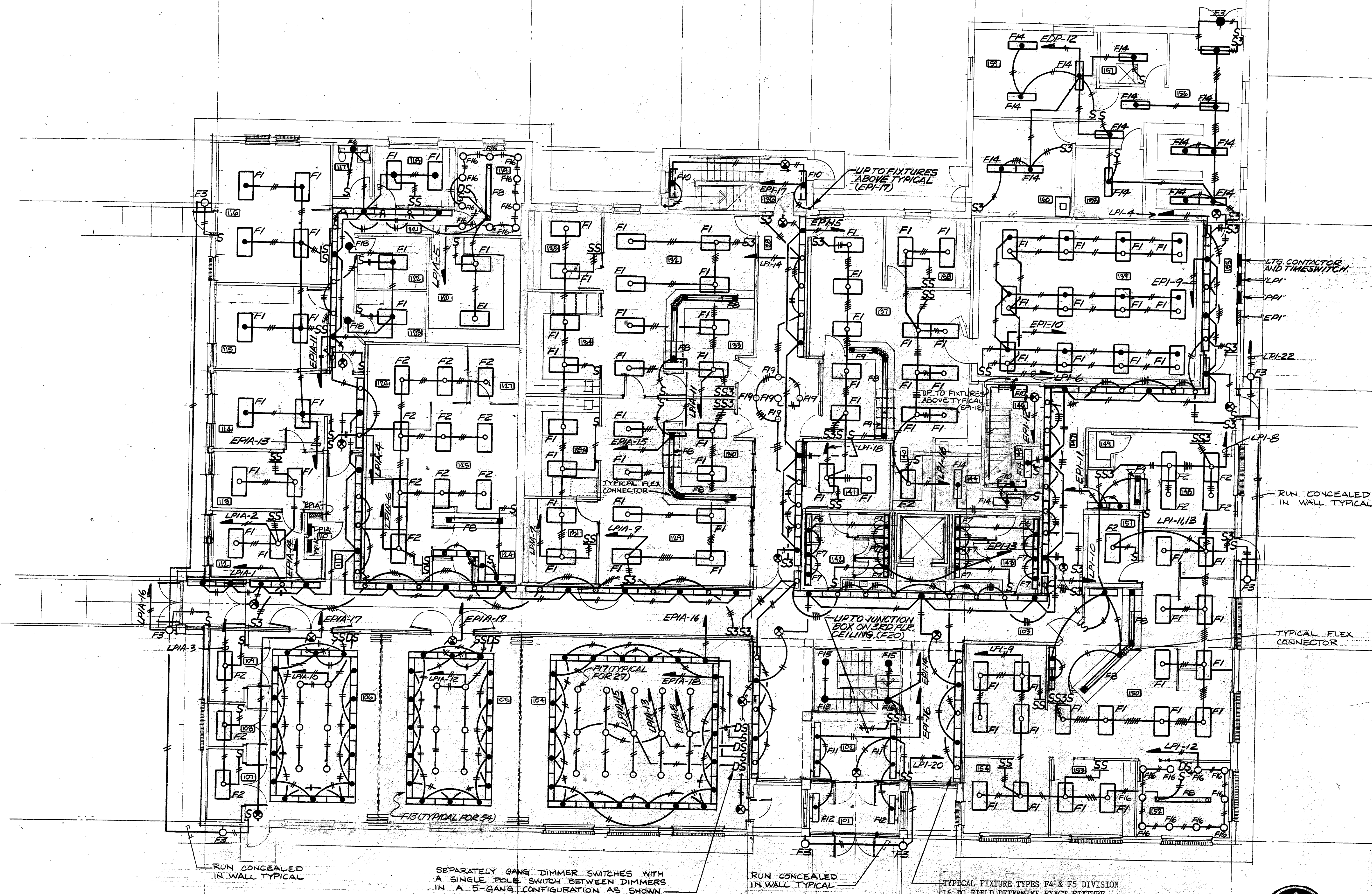
SCALE: AS NOTED

DRAWN BY: F.S.M.

CHECKED BY: F.S.M.

DATE: AUGUST 1, 1998

A-3



- GENERAL NOTES
1. ALL BRANCH CIRCUITS SHALL CONTAIN A GREEN GROUNDING CONDUCTOR #12 AWG. MIN.
 2. ALL BRANCH CIRCUITS SHALL BE IN CONDUIT, 3/4" MIN.
 3. VERIFY THE EXACT LOCATIONS OF LIGHTING FIXTURES, OUTLETS, MECHANICAL EQUIPMENT PRIOR TO STARTING WORK.
 4. ALL COMPUTER OUTLETS SHALL HAVE A SEPARATE GREEN ISOLATED GROUNDING CONDUCTOR #12 MIN.

NO.	NAME
101	VESTIBULE
102	LOBBY
103	CORRIDOR 'A'
104	MEETING ROOM NO. 3
105	MEETING ROOM NO. 2
106	MEETING ROOM NO. 1
107	VOTE'G MACH. STOR.
108	CHAIR STORAGE
109	VOT'G MACH. STOR.
110	ELEC. CLOSET
111	PASSAGE
112	OFFICE
113	SEC/RECP'T
114	WAITING
115	DATA/RECP'T
116	NURSES
117	TOILET
118	OFFICE
119	CONFERENCE
120	STORAGE
121	PASSAGE
122	EXAM NO. 1
123	EXAM NO. 2
124	WAITING
125	BOROUGH (DEPT)
126	OFFICE
127	CONFERENCE
128	CORRIDOR 'C'
129	TAX ASSESSOR
130	WAITING
131	OFFICE
132	WORK ROOM
133	TAX COLLECTOR
134	WAITING
135	WORK ROOM
136	OFFICE
137	STAIR NO. 3
138	TOWN CLERK
139	OFFICE
140	MAIN RECORD VAULT
141	STORAGE
142	REGISTRAR OF VOTERS
143	WOMEN
144	MEN
145	ELEVATOR MACHINE RM.
146	JANITOR
147	STAIR NO. 2
148	CORRIDOR 'B'
149	RESIDENT TROOPER CLOSET
150	CODE ENFORCEMENT
151	STORAGE
152	CONFERENCE
153	OFFICE
154	OFFICE
155	PASSAGE
156	RECEIVING (GENERAL)
157	JANITOR/WATER ENTRANCE
158	ELECTRIC SWITCH RM.
159	GENERATOR ROOM
160	BOILER ROOM

MUNICIPAL OFFICE COMPLEX TOWN OF COLCHESTER NORWICH AVE. COLCHESTER, CONNECTICUT

R.A. GOODELL & ASSOC., INC.
CONSULTING ENGINEERS
31 CONCORD ST.
GLASTONBURY, CONN. 06033



Peter Abel Inc.
Architects/Planners
P.O. Box 210
21 South Main Street
Marlborough, Connecticut 06447-0210
(203) 295-9511

FIRST FLOOR PLAN ELECTRICAL LIGHTING

PROJECT NO.
8604

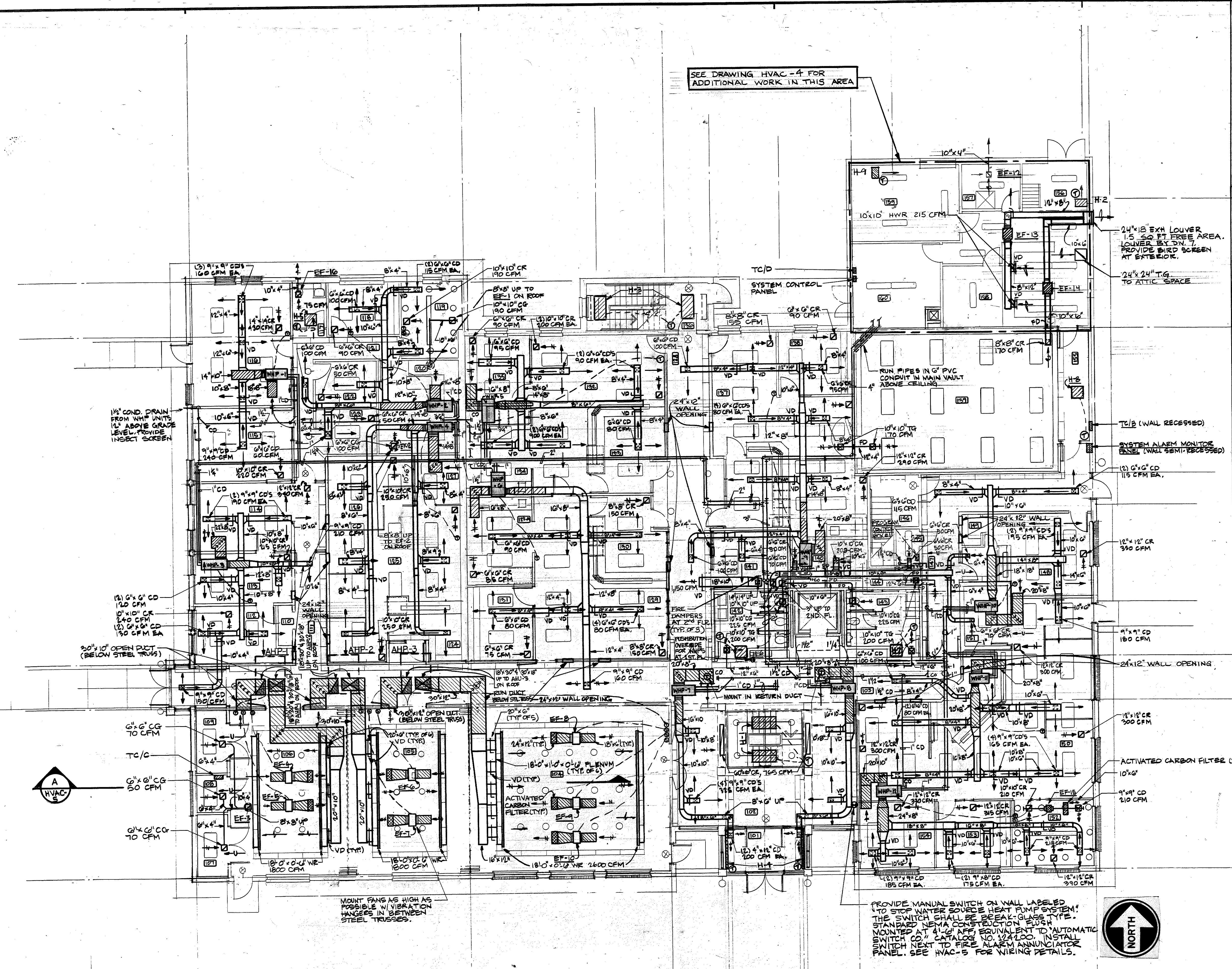
SCALE: 1/8" = 1'-0"

DRAWN BY: M.G.

CHECKED BY: R.M.L.

DATE: 8-1-88

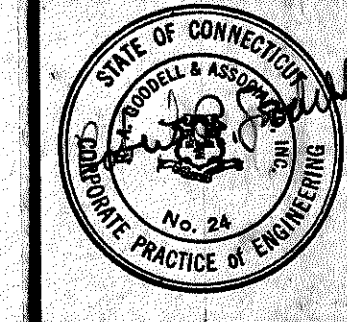
E-1



NO.	NAME
101	VESTIBULE
102	LOBBY
103	CORRIDOR 'A'
104	MEETING ROOM NO. 3
105	MEETING ROOM NO. 2
106	MEETING ROOM NO. 1
107	VOTE 'G' MACH. STOR.
108	CHAIR STORAGE
109	VOTE 'G' MACH. STOR.
110	ELEC. CLOSET
111	PASSAGE
112	OFFICE
113	SEC/RECP'T
114	WAITING
115	DATA/RECP'T
116	NURSES
117	TOILET
118	OFFICE
119	CONFERENCE
120	STORAGE
121	PASSAGE
122	EXAM NO. 1
123	EXAM NO. 2
124	WAITING
125	BOROUGH (DEPT)
126	OFFICE
127	CONFERENCE
128	CORRIDOR 'C'
129	TAX ASSESSOR
130	WAITING
131	OFFICE
129A	WORK ROOM
132	TAX COLLECTOR
133	WAITING
134	WORK ROOM
135	OFFICE
136	STAIR NO. 3
137	TOWN CLERK
138	OFFICE
139	MAIN RECORD VAULT
140	STORAGE
141	REGISTRAR OF VOTERS
142	WOMEN
143	MEN
144	ELEVATOR MACHINE RM.
145	JANITOR
146	STAIR NO. 2
147	CORRIDOR 'B'
148	RESIDENT TROOPER
149	CLOSET
150	CODE ENFORCEMENT
151	STORAGE
152	CONFERENCE
153	OFFICE
154	OFFICE
155	PASSAGE
156	RECEIVING (GENERAL)
157	JANITOR/WATER ENTRANCE
158	ELECTRIC SWITCH RM.
159	GENERATOR ROOM
160	BOILER ROOM

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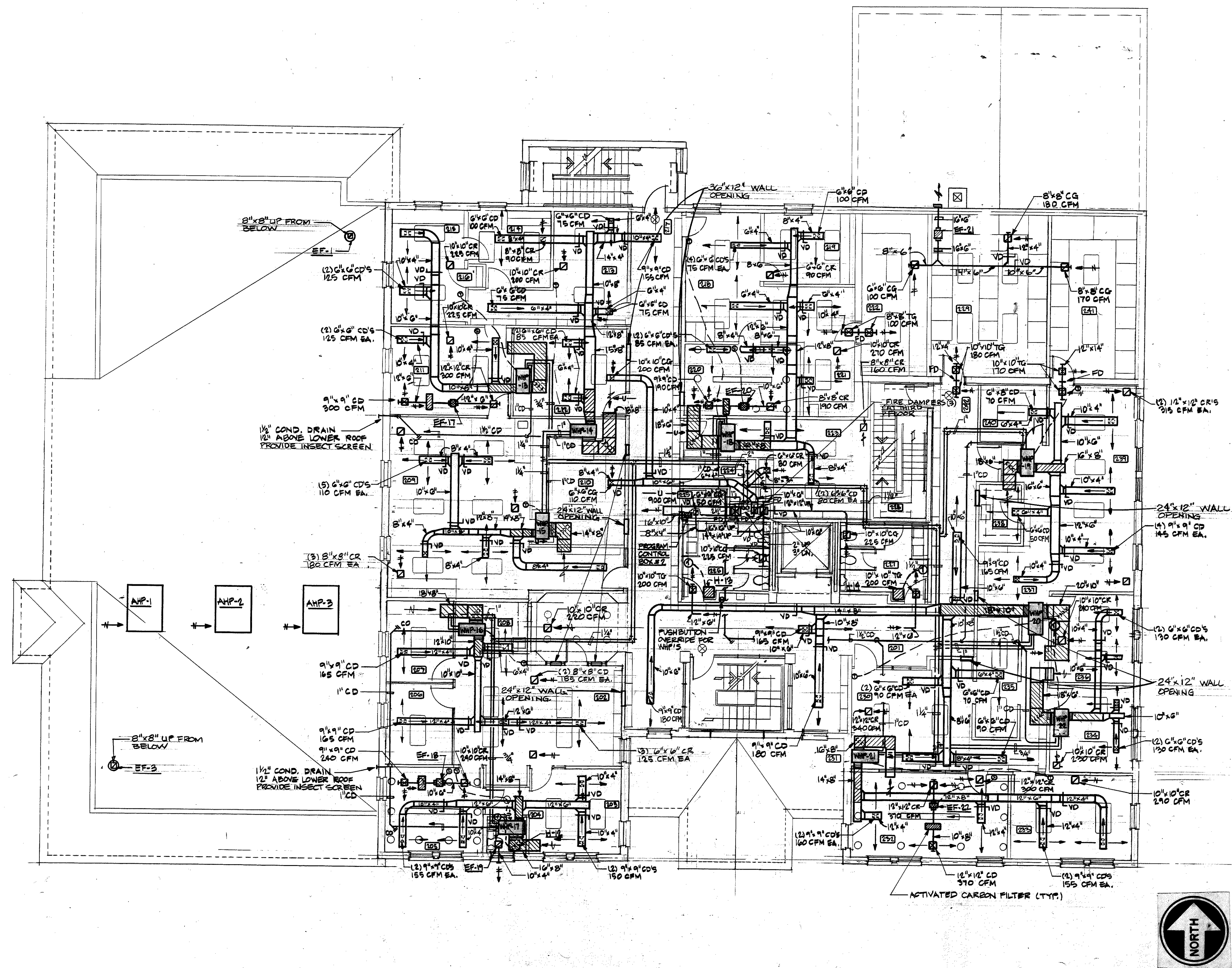
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P.O. Box 210
21 South Main Street
Marlborough, Connecticut 06447-0210
(203) 295-9511

FIRST FLOOR PLAN

**HEATING,
VENTILATING AND
AIR CONDITIONING**

PROJECT NO.	8604
SCALE: 1/8"=1'-0"	
DRAWN BY: ABG	HVAC-1
CHECKED BY: DP	
DATE: 8/1/88	

NOTE:
FINAL LOCATION OF ALL CEILING DIFFUSERS, REGISTERS, & GRILLES SHALL BE COORDINATED WITH REFLECTED CEILING PLANS, SPRINKLERS & LIGHTING FIXTURES BY THE ARCHITECT WITH THE APPROVAL OF THE ENGINEER.



NO.	NAME
201	CORRIDOR 'A-1'
202	TOWN ADMINISTRATION
203	SELECTMAN
204	TOILET
205	CONFERENCE
206	OFFICE
207	OFFICE
208	WORK ROOM
209	PAYROLL/ACCOUNTING
210	RECORD STORAGE
211	CONF/FUTURE COMPUTER
212	PHOTOCOPY/STORAGE
213	SEC/RECP'T
214	OFFICE
215	OFFICE
216	CLOSET
217	CORRIDOR 'C-1'
218	SEC/RECP'T (PROBATE)
219	OFFICE
220	CHAMBERS
221	WORK ROOM
222	RECORD STORAGE
223	EMPLOYEE'S LOUNGE
224	ELECTRICAL CLOSET
225	JANITOR CLOSET
226	WOMEN
227	MEN
228	STAIR NO. 2
229	GENERAL RECORD STOR.
230	RECP'T/SEC. (BD. OF ED.)
231	CLOSET
232	CONFERENCE
233	SUPERINTENDENT'S OFF.
234	OFFICE
235	RECORD STORAGE
236	DIRECTOR SPECIAL ED.
237	SEC. SPECIAL ED.
238	WORK ROOM
239	FINANCE/PAYROLL
240	OFFICE
241	RECORD STORAGE
242	CORRIDOR 'B'

WHP-31

NOTE:
FINAL LOCATION OF ALL CEILING DIFFUSERS, REGISTERS & GRILLES SHALL BE COORDINATED WITH REFLECTED CEILING PLANS, SPRINKLERS & LIGHTING FIXTURES BY THE ARCHITECT WITH THE APPROVAL OF THE ENGINEER.

MUNICIPAL OFFICE COMPLEX TOWN OF COLCHESTER NORWICH AVE. COLCHESTER, CONNECTICUT

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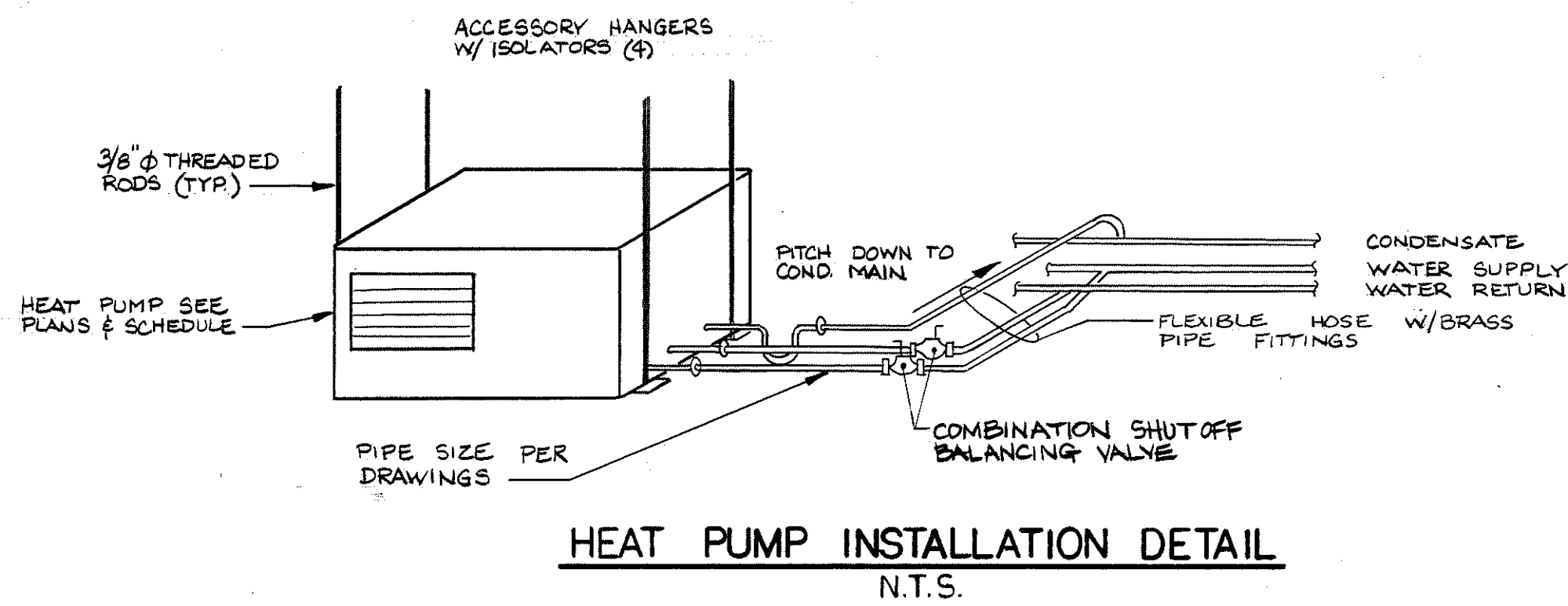


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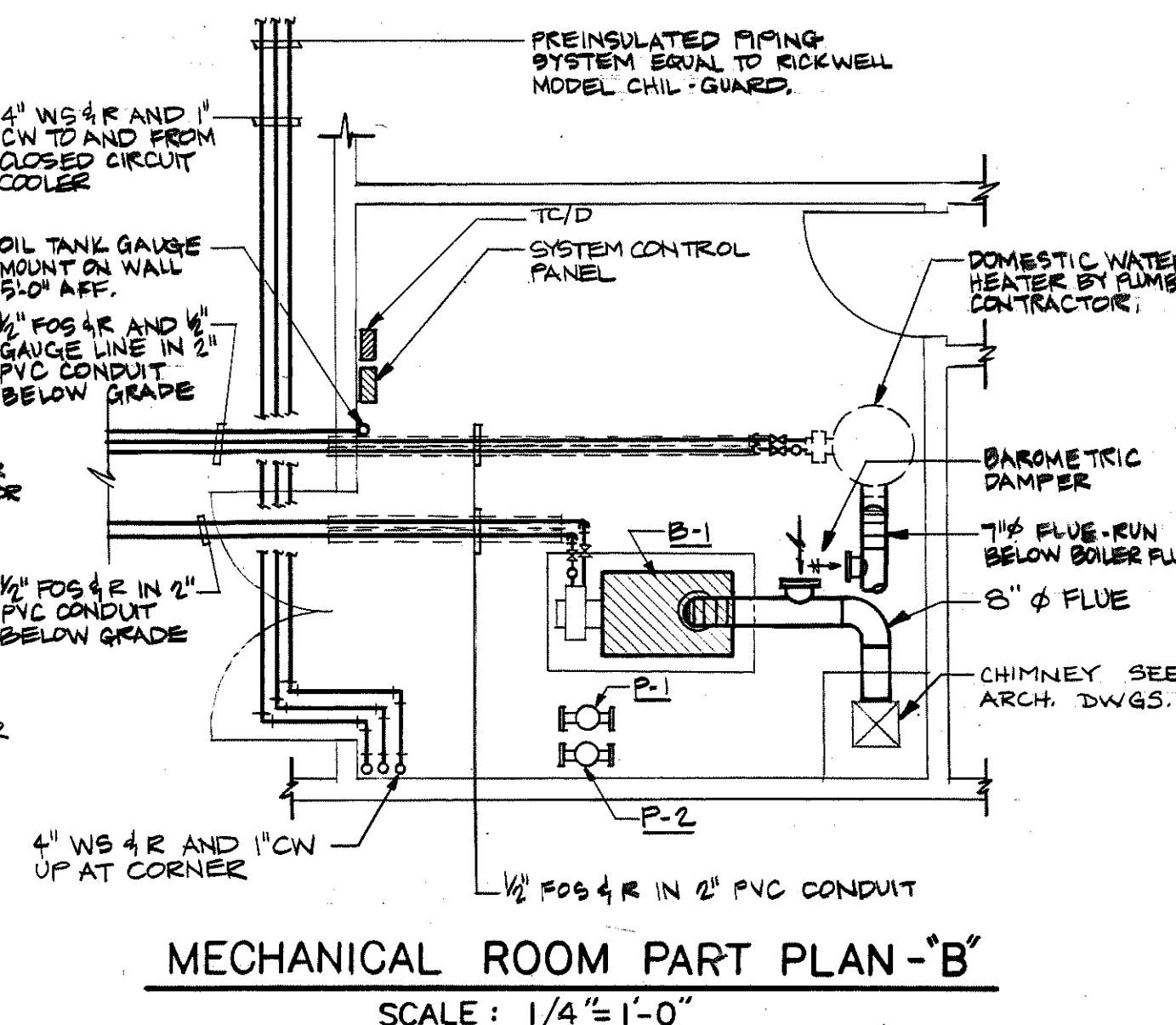
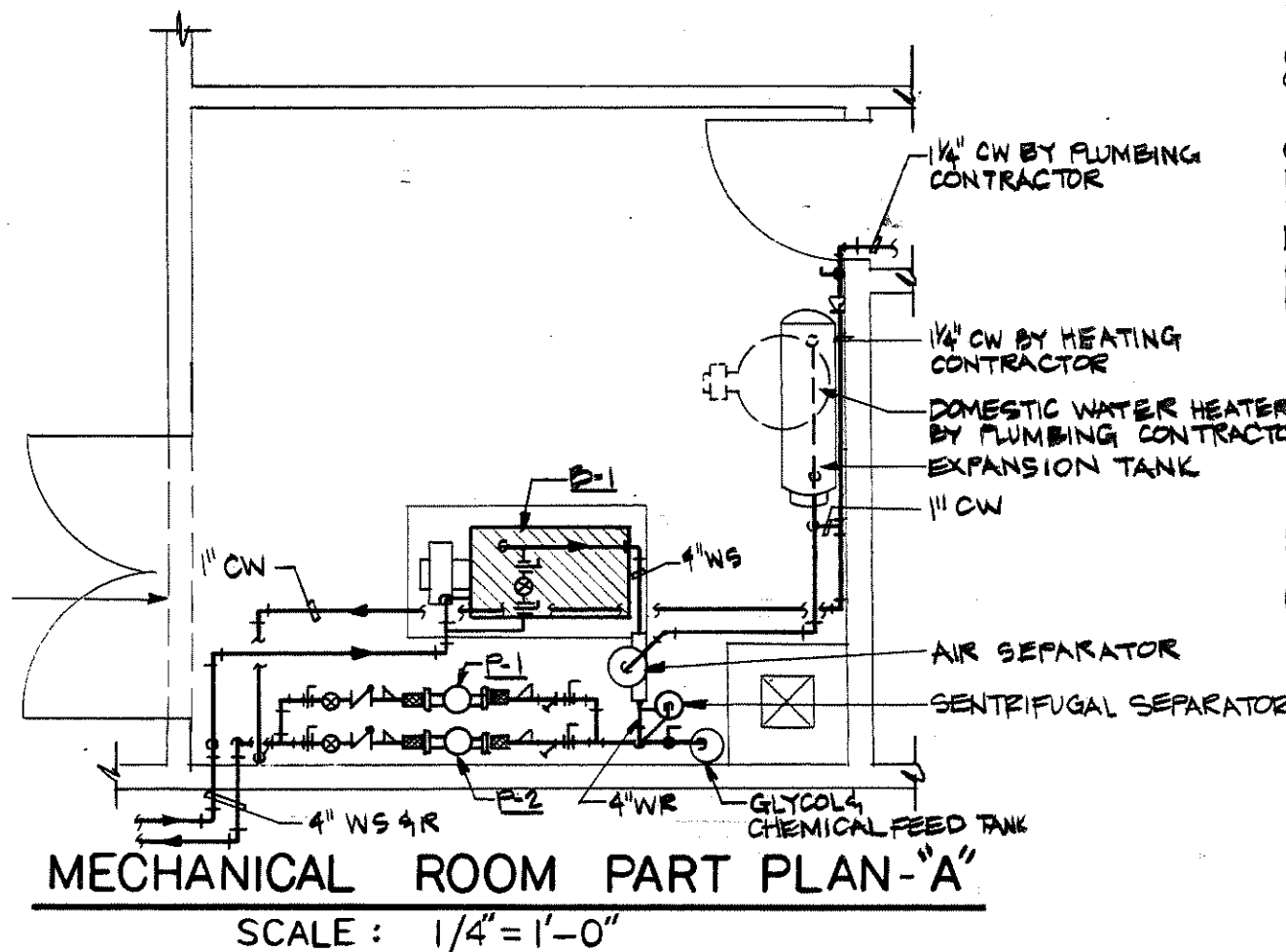
SECOND FLOOR PLAN

HEATING, VENTILATION AND AIR CONDITIONING

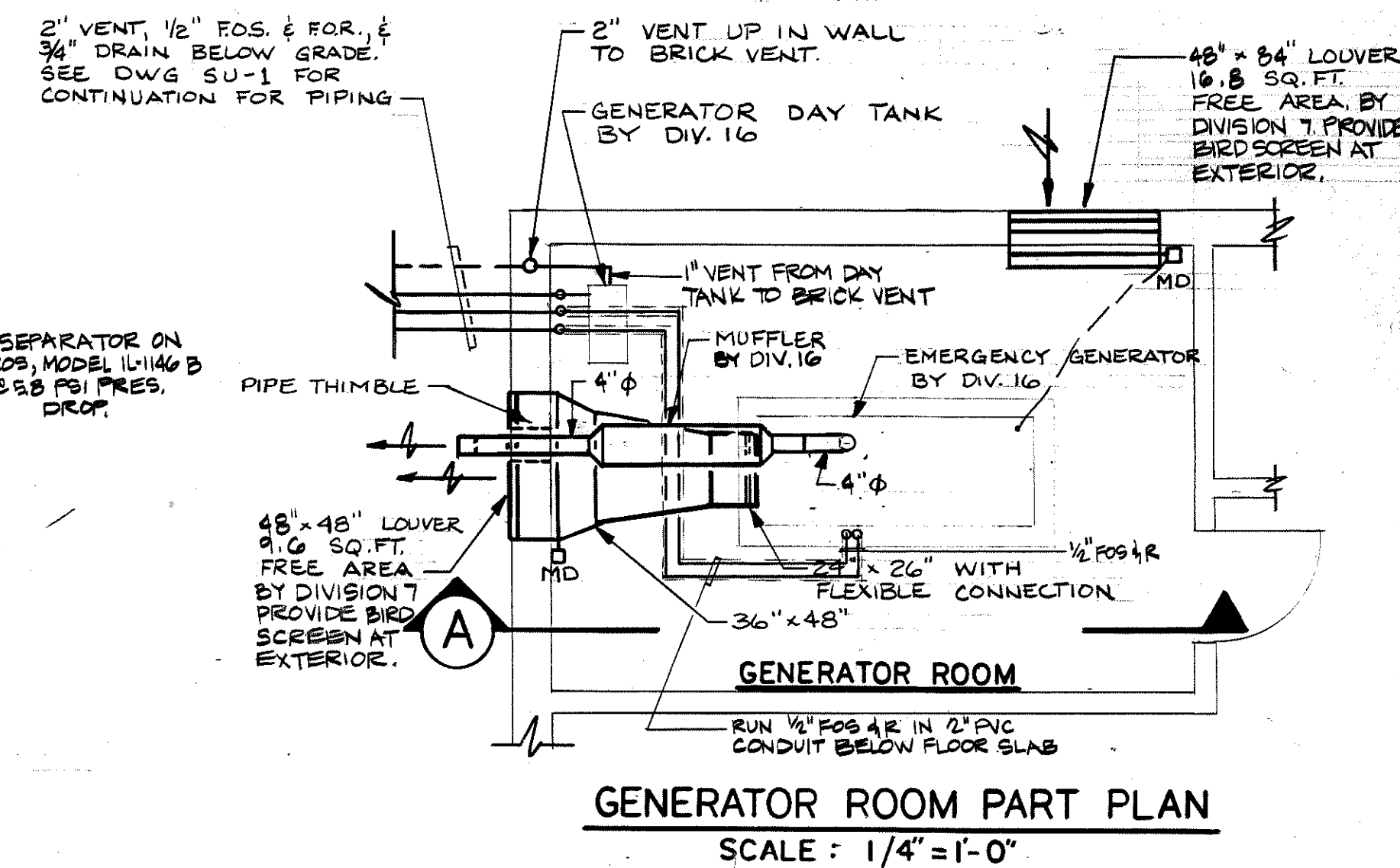
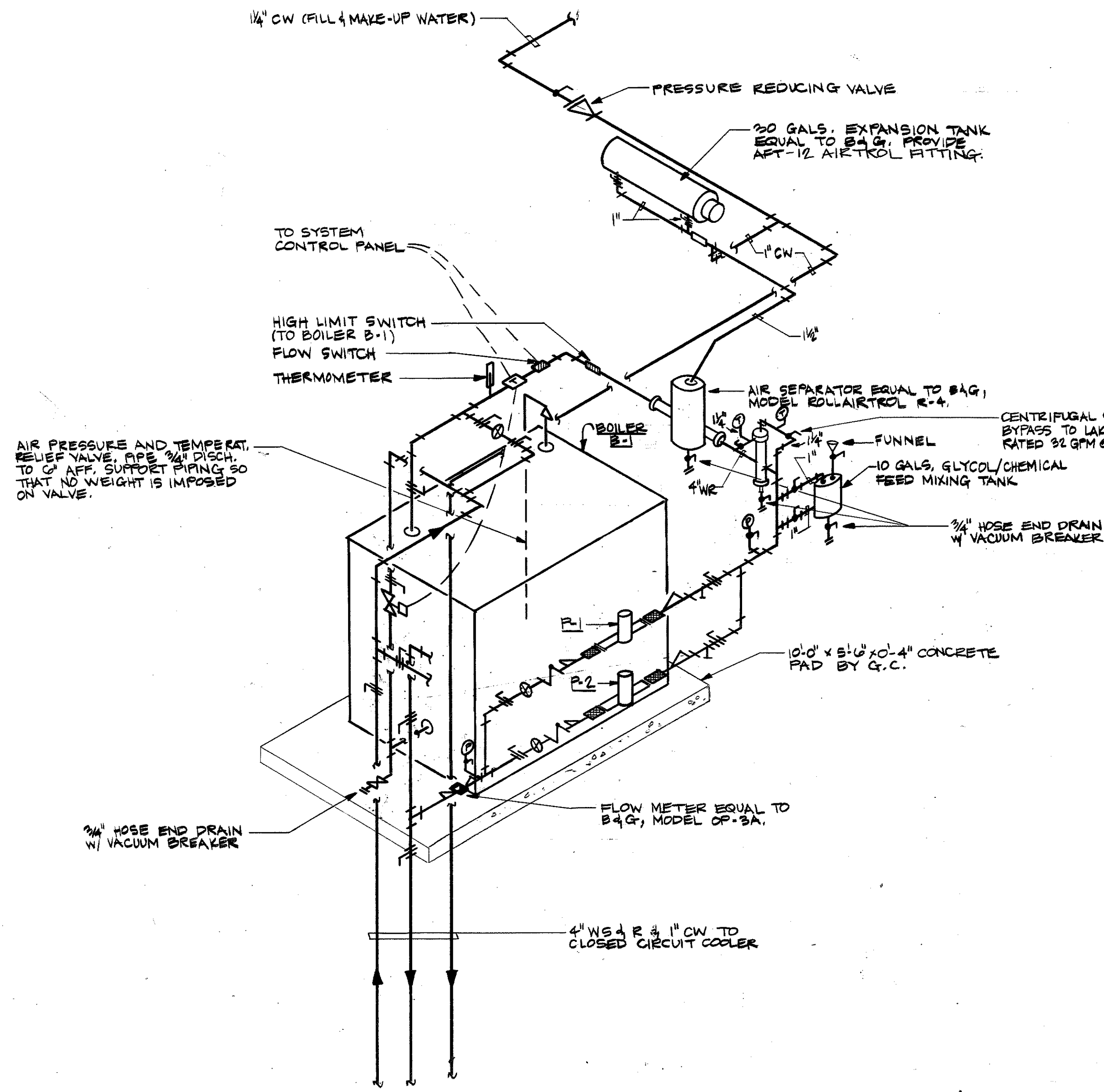
PROJECT NO.	8604
SCALE:	1/8"=1'-0"
DRAWN BY:	ABG
CHECKED BY:	DP
DATE:	8/1/83
HVAC-2	



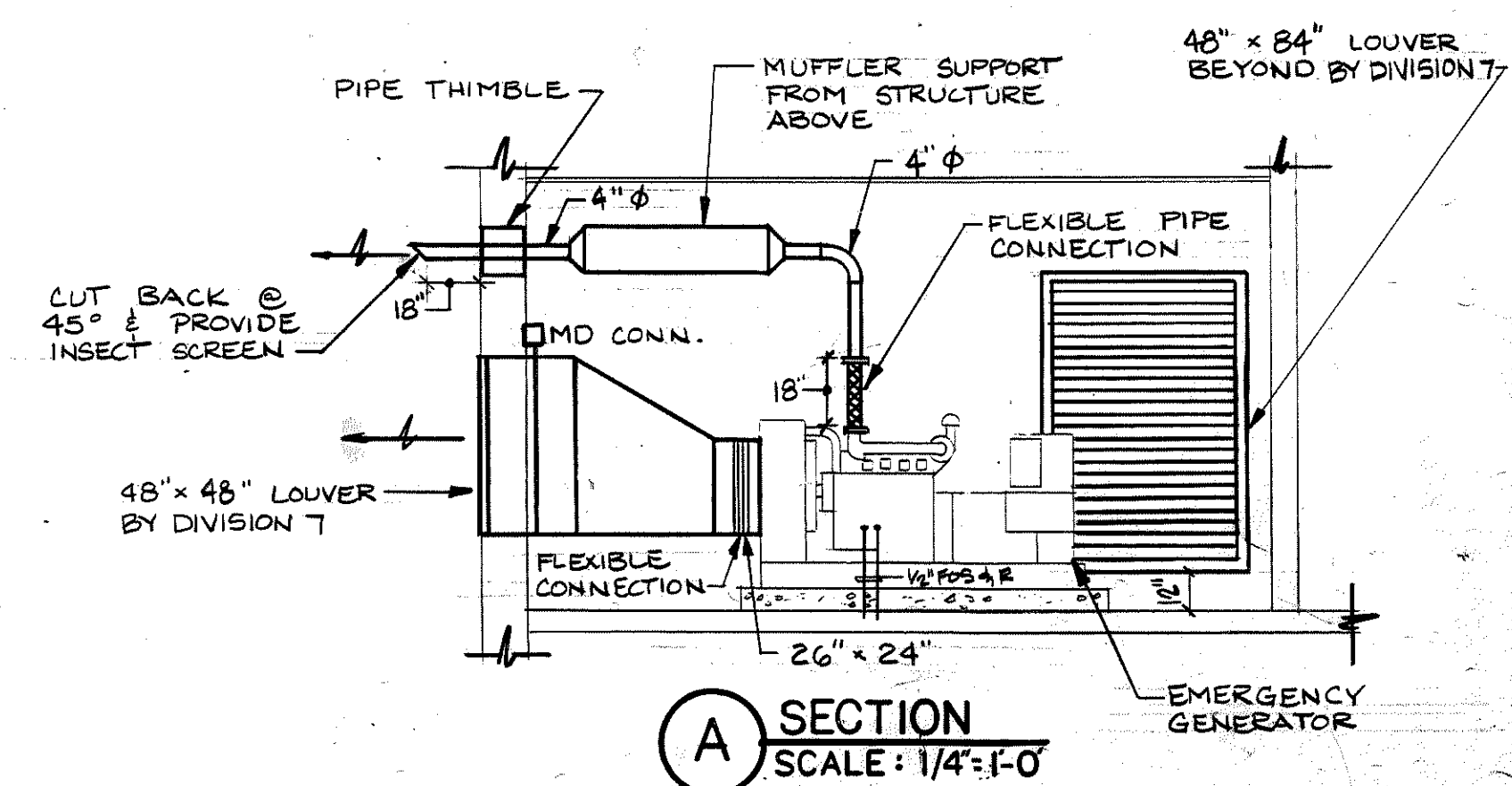
0.8 SQ. FT. FREE AREA AT TOP
10.8 SQ. FT. FREE AREA AT
BOTTOM (1/2" AFF). PROVIDE
BIRD SCREEN AT INTERIOR.



HEATING & VENTILATING LEGEND	
SYMBOLS USED ARE INDICATED BY A CHECK (✓)	
✓ WS & R	WATER SUPPLY & RETURN
✓ CW	COLD WATER (MAKE-UP)
✓ CD	CONDENSATE DRAIN
✓ P	PUSHBUTTON OVERSIDE
✓ G	GATE VALVE
✓ G	GLOBE VALVE
✓ G	CONTROL VALVE
✓ A	AIR VENT
✓ P	PRESSURE GAUGE
✓ N	CHECK VALVE
✓ T	THREE WAY VALVE
✓ CC-1	CLOSED CIRCUIT COOLER
✓ CD-1	STEAM CONDENSATE RETURN
✓ SF	SUPPLY FAN
✓ P-1, P-2	PUMPS
✓ FOS & R	FUEL OIL SUPPLY & RETURN
✓ B-1	HOT WATER BOILER
✓ CG	CEILING GRILLE
✓ TG	TRANSFER GRILLE
✓ C	CLEANOUT
✓ BD	BACKDRAFT DAMPER
✓ U	PITCH IN DIRECTION SHOWN
✓ U	UNDERCUT DOOR
✓ CD	CEILING DIFFUSER
✓ LWR	LOW WALL REGISTER
✓ WHR	HORIZONTAL WATER SOURCE HEAT PUMP
✓ C/W	CEILING WALL REGISTER
✓ V.D.	VOLUME DAMPER
✓ F.D.	FIRE DAMPER
✓ M.D.	MOTORIZED DAMPER
✓ A.H.P.	AIR COOLED ROOFTOP HEAT PUMPS
✓ H	ELECTRIC HEATING UNITS/BASEBOARDS/PANEL
✓ U.H.	UNIT HEATER
✓ U.V.	UNIT VENTILATOR
✓ RTU	ROOF TOP UNIT
✓ E.F.	EXHAUST FAN
✓ F.C.U.	FAN COIL UNIT
✓ TC	TIMECLOCK (SWITCH)
✓ E.C.R.	ECCENTRIC REDUCER/INCREASER
✓ B.O.	BRANCH OFF FROM BOTTOM OF MAIN
✓ B.O.	BRANCH OFF FROM TOP OF MAIN
✓ A.L.D.	ACOUSTICALLY LINED DUCTWORK
✓ S	STRAINER
✓ F.P.C.	FLEXIBLE PUMP CONNECTOR
✓ A.D.	ACCESS DOOR
✓ W.T.	WALL TEST
✓ S.S.	SPEED SWITCH W/PILOT LIGHT
✓ T	THERMISTOR
✓ B.V.	BALL VALVE
✓ B.V.	BUTTERFLY VALVE
✓ T.S.	TEMPERATURE SENSORE
✓ F.S.	FLOW SWITCH (DIFF. PRESSURE)

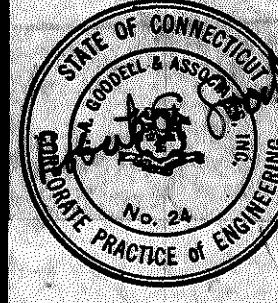


NOTE:
MUFFLER FURNISHED BY DIV. 16
& INSTALLED BY THIS DIVISION.



MUNICIPAL OFFICE COMPLEX
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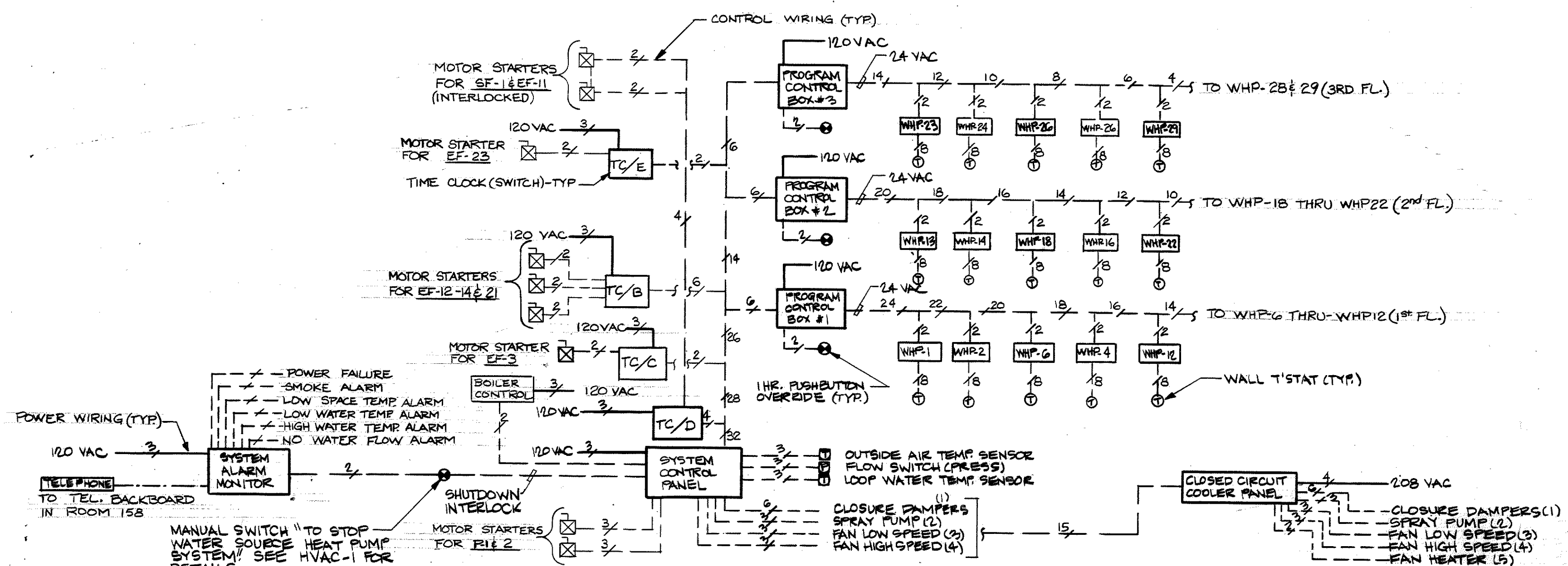
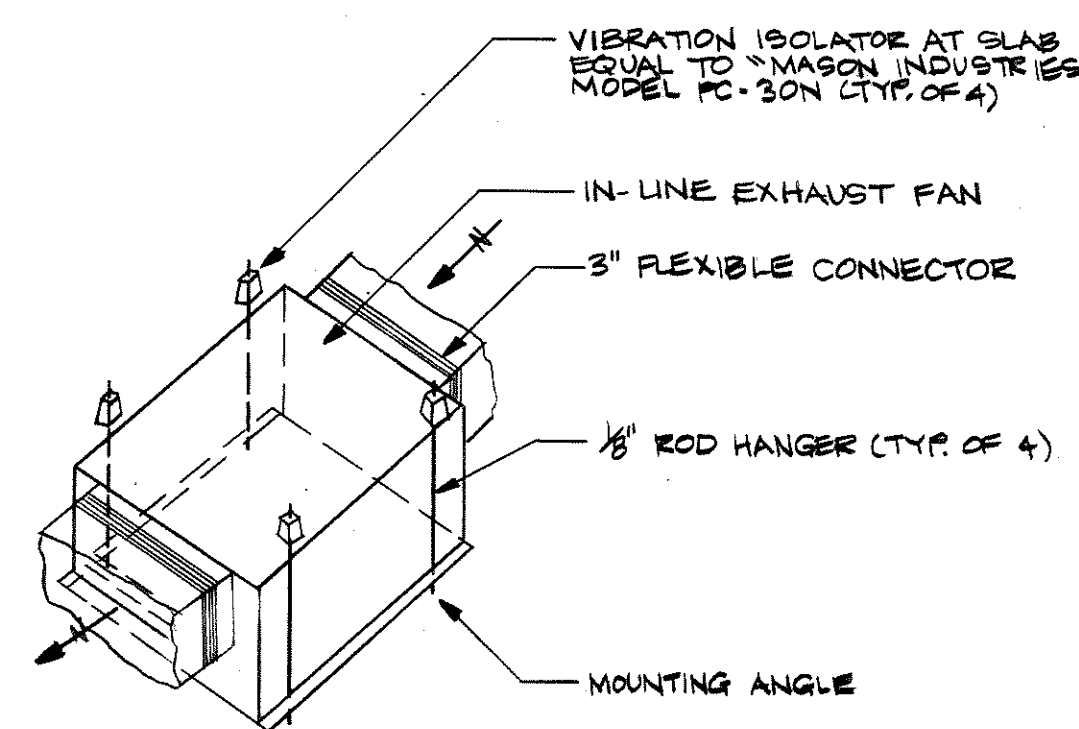
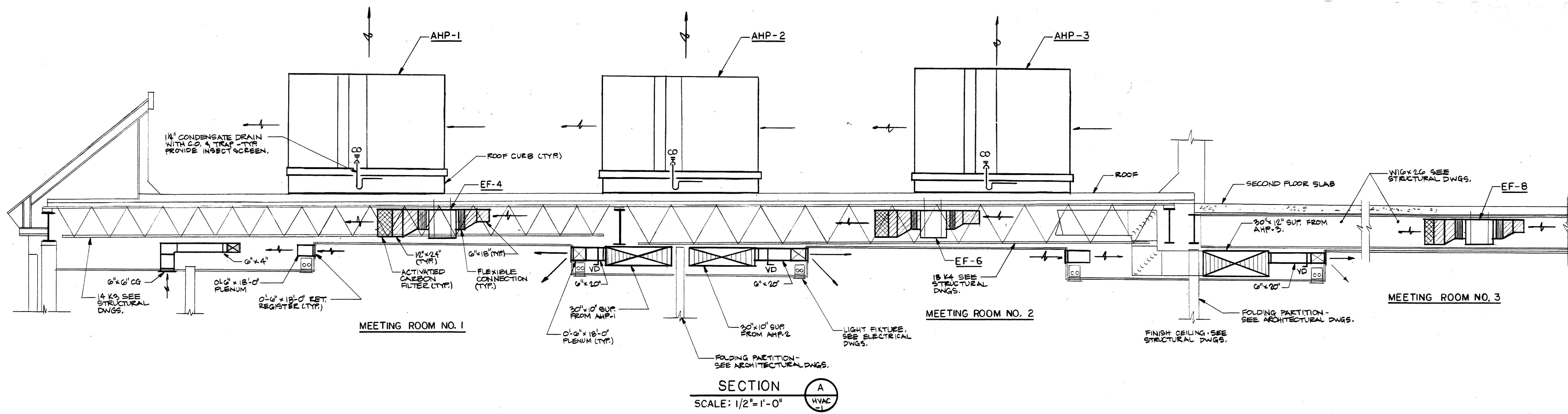
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HVAC
PART PLAN
AND DETAILS

PROJECT NO.
8604
SCALE: AS NOTED
DRAWN BY: FBH
CHECKED BY: RML
DATE: 8/1/88
HVAC-4

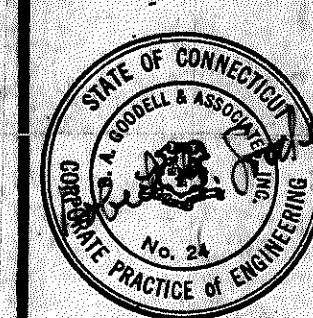


- NOTES:
1. ALL POWER WIRING TO PANELS AND TIME CLOCKS (SWITCHES) SHALL BE BY DIVISION 16.
 2. ALL CONTROL WIRING SHALL BE DONE BY THE CONTROL CONTRACTOR.
 3. FOR WORK DONE BY OTHER TRADES SEE SPECIFICATIONS.

MUNICIPAL OFFICE COMPLEX TOWN OF COLCHESTER

NORWICH AVE.
COLCHESTER, CONNECTICUT

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GLASTONBURY, CONN. 06033



Peter Abel Inc.
Architects Planners

P.O. Box 210
21 South Main Street
Marlborough, Connecticut 06447-0210
(203) 296-9511

HVAC DIAGRAMS & CONTROL

PROJECT NO.
8604

SCALE: AS NOTED

DRAWN BY: ABG

CHECKED BY: DP

DATE: 8/1/88

HVAC-5

WATER SOURCE HEAT PUMP SCHEDULE															
SYMBOL	AREA SERVED	MODEL SIZE	AIR SIDE			WATER SIDE		COOLING			HEATING		POWER		
			CFM	E.S.P. IN W.G.	HP	GPM	P.D. FT W.G	TOTAL MBH	SENS MBH	REJ.HT MBH	TOTAL MBH	ABS.HT MBH	COOL KW	HEAT KW	
WHP-1	ROOM # 115 & 116	814 027	720	0.4	1/5	4.5	5.2	25.1	17.3	33.0	37.4	28.0	2.4	2.7	
WHP-2	ROOM # 118 THRU 123	814 019	550	0.4	1/8	3.0	4.5	18.6	13.9	24.9	25.1	18.4	1.8	2.0	
WHP-3	ROOM # 112 THRU 114	814 042	1240	0.5	1/2	7.0	7.4	41.3	31.3	55.6	60.8	445.0	4.2	4.6	
WHP-4	ROOM # 124 THRU 127	814 019	540	0.4	1/8	3.0	4.5	18.6	13.9	24.9	25.1	18.4	1.8	2.0	
WHP-5	ROOM # 132 THRU 135	814 019	535	0.4	1/8	3.0	4.5	18.6	13.6	24.9	25.1	18.4	1.8	2.0	
WHP-6	ROOM # 129 THRU 131	814 027	650	0.4	1/5	4.5	5.2	25.1	17.3	33.0	37.4	28.0	2.4	2.7	
WHP-7	ROOM # 101 & 102	814 031	850	0.4	1/3	5.0	3.4	28.6	21.6	39.1	44.1	32.6	3.1	3.4	
WHP-8	ROOM # 101 & 102	814 031	850	0.4	1/3	5.0	3.4	28.6	21.6	39.1	44.1	32.6	3.1	3.4	
WHP-9	ROOM # 137,138 & 141	814 031	765	0.5	1/3	5.0	3.4	28.6	21.6	39.1	44.1	32.6	3.1	3.4	
WHP-10	ROOM # 148 & 150	814 031	800	0.5	1/3	5.0	3.4	28.6	21.6	39.1	44.1	32.6	3.1	3.4	
WHP-11	ROOM # 148 & 150	814 031	930	0.4	1/3	5.0	3.4	28.6	21.6	39.1	44.1	32.6	3.1	3.4	
WHP-12	ROOM # 152 THRU 154	814 036	1140	0.4	1/2	6.0	6.6	34.0	22.4	45.7	44.8	32.5	3.4	3.6	
WHP-13	ROOM # 211 & 215	814 019	500	0.4	1/8	2.5	2.4	14.1	10.3	19.1	28.4	15.1	1.5	2.0	
WHP-14	ROOM # 212,213 & 216	814 027	650	0.4	1/5	4.5	5.2	25.1	17.3	33.0	37.4	28.0	2.4	2.7	
WHP-15	ROOM # 209	814 019	550	0.4	1/8	3.0	4.5	18.6	13.9	24.9	25.1	18.4	1.8	2.0	
WHP-16	ROOM # 202,206,207,208	814 027	700	0.4	1/5	4.5	5.2	25.1	17.3	33.0	37.4	28.0	2.4	2.7	
WHP-17	ROOM # 203 & 205	814 019	610	0.4	1/8	3.0	4.5	18.6	13.9	24.9	25.1	18.4	1.8	2.0	
WHP-18	ROOM # 210 THRU 221	814 027	730	0.4	1/5	4.5	5.2	25.1	17.3	33.0	37.4	28.0	2.4	2.7	
WHP-19	ROOM # 237 THRU 240	814 027	700	0.4	1/5	4.5	5.2	25.1	17.3	33.0	37.4	28.0	2.4	2.7	
WHP-20	ROOM # 201 & 230	814 036	1030	0.5	1/2	6.0	6.6	34.0	22.4	45.7	44.8	32.5	3.4	3.6	
WHP-21	ROOM # 232 & 233	814 027	630	0.5	1/5	4.5	5.2	25.1	17.3	33.0	37.4	28.0	2.4	2.7	
WHP-22	ROOM # 234 & 236	814 019	520	0.4	1/8	3.0	4.5	18.6	13.9	24.9	25.1	18.4	1.8	2.0	
WHP-23	ROOM # 301 (FUT.OFF.)	814 027	650	0.4	1/5	4.5	5.2	25.1	17.3	33.0	37.4	28.0	2.4	2.7	
WHP-24	ROOM # 301 (FUT.OFF.)	814 027	650	0.4	1/5	4.5	5.2	25.1	17.3	33.0	37.4	28.0	2.4	2.7	
WHP-25	ROOM # 301 (FUT.OFF.)	814 027	650	0.4	1/5	4.5	5.2	25.1	17.3	33.0	37.4	28.0	2.4	2.7	
WHP-26	ROOM # 302 (FUT.OFF.)	814 019	550	0.4	1/8	3.0	4.5	18.6	13.9	24.9	25.1	18.4	1.8	2.0	
WHP-2															

SYMBOL	AREA SERVED	MODEL SIZE	EVAP. FAN			COOLING		HEATING		POWER	
			CFM	E.S.P. IN.W.C.	HP	TOTAL MBH	SENS MBH	TOTAL CAP MBH	COOL KW	HEAT KW	
AHP-1	ZONE # 125	BWC 090F	1800	0.75	3/4	96.2	69.3	36.0	9.2	7.7	
AHP-2	ZONE #130	BWC 090F	1800	0.75	3/4	96.2	69.3	36.0	9.2	7.7	
AHP-3	ZONE # 135	BWC 120F	2600	1.0	1-1/2	127.0	91.9	51.0	13.5	10.3	

- THE ABOVE IS BASED ON PACKAGED UNITS, EQUAL TO "TRANE" OF SIZES SPECIFIED ABOVE OPERATING UNDER THE FOLLOWING CONDITIONS.
- SUMMER 80°FDB/75°FWB OA ; 80°FDB/67°FWB EAT ; 55°F LAT
- WINTER 2°F OA ; 63.7°F EAT
- THE VOLTAGE SHALL BE 200 VOLTS 3 PHASE.
- PROVIDE FACTORY ASSEMBLED ROOFCURB, AUTOMATIC ECONOMIZER/DAMPER SYSTEMS (DAYECON 225) W/BAROMETRIC RELIEF DAMPERS , HEAD PRESSURE CONTROL FLOW AMBIENT DOWN TO 0°F & SINGLE STAGE COOLING , TWO STAGE HEATING AUTOMATIC CHANGEOVER T-STAT W/NIGHT SETBACK.

SYMBOL/ SIZE	MODEL	CFM	REMARKS
6" X 6" CD	TDC	60-130	CEILING DIFFUSER
9" X9" CD	TDC	150-240	CEILING DIFFUSER
6" X 6" CR	272 RS	70-110	CEILING REGISTER
8" X 8" CR	272 RS	130-200	CEILING REGISTER
4" X 12" CR	272 RS	200	CEILING REGISTER
18" X 18" CR/WR	272 RS	210-270	CEILING REGISTER/WALL REGISTER
12" X 12" CR	272 RS	290-390	CEILING REGISTER
14" X 14" CR	272 RS	400-430	CEILING REGISTER
60" X 6" CR	272 RS	765	CEILING REGISTER
18"0" X 0"6" WR	CT- 481	1800-2600	WALL REGISTER
6" X 6" CG	25 RS	50-110	CEILING GRILLE
8" X 8" CG	25 RS	130-190	CEILING GRILLE
10" X 10" CG	25 RS	200-250	CEILING GRILLE
10" X 10" TG	25 RS	180-230	TRANSFER GRILLE

NOTES :

1. THE ABOVE SELECTION BASED ON "TITUS", MODEL AS SPECIFIED.
2. FINISH SHALL BE STANDARD #25 WHITE.
3. PATTERN SHALL BE AS SHOWN ON DRAWINGS.

PUMP SCHEDULE									
MARK	MODEL	MOTOR			ARRANGEMENT	GPM	FT/ OF HEAD	SERVICE	REMARKS
		HP	Ø	V					
P-1P-2	SERIES 80 2-1/2 X 2-1/2 X 7	2	3	208	IN-LINE	126	35	WATER SOURCE HEAT PUMP SYSTEM	PUMP CONTROL FROM SYSTEM CONTROL PANEL

NOTES :

1. THE ABOVE SELECTION BASED ON "BELL & GOSSET", MODEL AS SPECIFIED , MOTOR FRAME 145 , 1750 RPM , 68% EFFICIENCY.

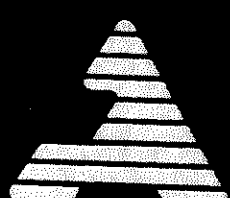
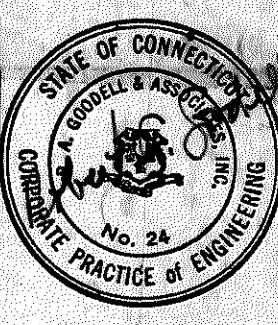
SYMBOL	MODEL SIZE	CAP (MBH)	GPM	FAN (HP)	SPRAY PUMP (HP)	ELEC. PAN HEATER (KW)
CC-1	EFCC 122-3	366	126	7-1/2	1	4.5

NOTES :

1. THE ABOVE SELECTION BASED ON LOW-SILHOUETTE CLOSED CIRCUIT COOLER EQUAL TO "IMECO" OPERATING AT THE FOLLOWING CONDITION : (122°F RANGE 102° - 85°F) AND 12°F APPROACH (50° - 78°F) WITH 40% ETHYLENE GLYCOL.
2. PROVIDE DISCHARGE CLOSURE DAMPERS , ELECTRIC WATER LEVEL CONTROL , TWO SPEED FAN MOTOR , VIBRATION ISOLATORS W/RAIL AND CONTROL PANEL (FIELD MOUNTED TO CLOSED CIRCUIT COOLER).

**NORWICH AVE.
COLCHESTER, CONNECTICUT**

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CONSULTING ENGINEERS
31 CONCORD ST.
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Architects Planners

P.O. Box 210
21 South Main Street
Marlborough, Connecticut 06447-0210
(203) 295-9511

HVAC SCHEDULES

PROJECT NO
8604

SCALE : NONE

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CHECKED BY: DP

DATE: 8/7/88

HVAC-6

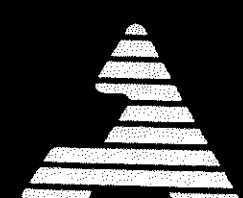
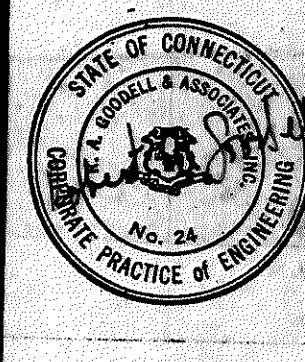
SUPPLY & EXHAUST FAN SCHEDULE							
SYMBOL	AREA SERVED	MODEL SIZE	CFM	T.S.P. (IN.WC)	HP	RPM	CONTROL
SF-1	OA	BSQ-16	2,850 (2,800)	5/8" (5/8")	1/2 (3/4)	985 (1,200)	TIME CLOCK
EF-1	119	G-70	190	3/8	1/30	1550	SPEED SWITCH W/PILOT LIGHT
EF-2	120	G-65	100	3/8	1/30	1550	SPEED SWITCH W/PILOT LIGHT
EF-3	107,108,109	G-70	190	3/8	1/30	1550	TIME CLOCK
*EF-4	106	CSP-60	420	1/2	320 WATTS	1050	SPEED SWITCH W/PILOT LIGHT
*EF-5	106	CSP-60	420	1/2	320 WATTS	1050	SPEED SWITCH W/PILOT LIGHT
*EF-6	105	CSP-60	420	1/2	320 WATTS	1050	SPEED SWITCH W/PILOT LIGHT
*EF-7	105	CSP-60	420	1/2	320 WATTS	1050	SPEED SWITCH W/PILOT LIGHT
*EF-8	104	CSP-60	420	1/2	320 WATTS	1050	SPEED SWITCH W/PILOT LIGHT
*EF-9	104	CSP-60	420	1/2	320 WATTS	1050	SPEED SWITCH W/PILOT LIGHT
*EF-10	104	CSP-60	420	1/2	320 WATTS	1050	SPEED SWITCH W/PILOT LIGHT
EF-11	142,143,226,227	BSQ-13-5	950(1,400)	3/4	1/2	1510	TIME CLOCK
EF-12	157	SP-17	75	1/4	64 WATTS	1550	TIME CLOCK
EF-13	156	CSP-60	430	1/2	320 WATTS	1050	HIGH LIMIT T'STAT (90°F)
EF-14	139	CSP-27	170	3/8	154 WATTS	1450	TIME CLOCK
*EF-15	152	CSP-50	210	1/2	142 WATTS	1050	SPEED SWITCH W/PILOT LIGHT
EF-16	117	SP-17	75	1/4	64 WATTS	1550	SINGLE POLE SWITCH FURNISHED & INSTALLED BY DIVISION 16
*EF-17	211	CSP-55	300	1/2	260 WATTS	1100	SPEED SWITCH W/PILOT LIGHT
*EF-18	205	CSP-55	240	1/2	200 WATTS	1100	SPEED SWITCH W/PILOT LIGHT
EF-19	204	SP-17	75	1/4	64 WATTS	1550	SINGLE POLE SWITCH FURNISHED & INSTALLED BY DIVISION 16
*EF-20	220	CSP-50	190	1/2	142 WATTS	1050	SPEED SWITCH W/PILOT LIGHT
EF-21	22,229,241	CSP-55	400	3/8	260 WATTS	1100	TIME CLOCK
*EF-22	232	CSP-60	370	1/2	320 WATTS	1050	SPEED SWITCH W/PILOT LIGHT
EF-23	210,212,223	BSQ-13-5	810(1210)	3/4	1/2	1510	TIME CLOCK
EF-24	ATTIC	BSQ-24	8,800	1/4	3	950	HIGH LIMIT T'STAT (90°F)
* THESE FANS SHALL INCLUDE CARBON ACTIVATED FILTERS EQUAL TO "FARR", MODEL ASE-1000-H							
NOTES : 1. THE ABOVE SELECTIONS BASED ON "GREENHECK", MODELS AS SPECIFIED. 2. THE ROOF EXHAUSTERS EF-1 THRU EF-3, SHALL INCLUDE PREFAB ROOF CURBS, EQUAL TO "GREENHECK" MODEL GPN5, 12" HIGH W/GRAVITY BACKDRAFT DAMPERS, MODEL WD-100. 3. THRU-THE-WALL EXHAUSTERS SHALL BE PROVIDED W/DISCHARGE LOUVER, EQUAL TO "GREENHECK", MODEL WLSF. 4. IN-LINE FANS SHALL BE PROVIDED WITH 4" FLEXIBLE CONNECTIONS AND VIBRATION ISOLATORS EQUAL TO "MASON IND.", MODEL W30N. 5. ALL FANS SMALLER THAN 1/2HP SHALL BE 115 VOLTS/1 PHASE AND THOSE EQUAL OR LARGER SHALL BE 208 VOLTS/3 PHASE. 6. THE VALUES SHOWN IN PARANTHESES UNDER CFM,HP &RPM REQUIREMENTS ARE FOR FUTURE OFFICE SPACE AT 3RD FLOOR.							

ELECTRIC HEATING UNIT, BASEBOARD AND PANEL SCHEDULE						
SYMBOL	AREA SERVED	MODEL	SIZE	CAP (W)	FAN HP	CONTROLS
H-1	STAIR NO.1	(2)ASL-2448	2' X 4'	500	---	1-POLE T'STAT SET AT 55°
H-2	156	MUH-05-8	---	5000	1/100	2-STAGE INTERNAL T'STAT SET AT 65°
H-3	STAIR NO.3	(2)ASL-2448	2' X 4'	500	---	1-POLE T'STAT SET AT 55°
H-4	101	(2)APH07A	6' - 8"	750	---	1-POLE INTERNAL T'STAT SET AT 55°
H-5	117	AAH-2224	2' X 2'	375	---	1-POLE T'STAT SET AT 75°F
H-6	142	AAH-2224	2' X 2'	375	---	1-POLE T'STAT SET AT 75°F
H-7	143	AAH-2224	2' X 2'	375	---	1-POLE T'STAT SET AT 75°F
H-8	155	ARL-2224	2' X 2'	250	---	2-POLE T'STAT SET AT 55°
H-9	159	MUH-03-8	---	3000	1/100	1-POLE INTERNAL T'STAT SET AT 55°
H-10	157	ARL-2248	2' X 4'	500	---	1-POLE T'STAT SET AT 70°F
H-11	158	ARL-2224	2' X 4'	250	---	1-POLE T'STAT SET AT 70°F
H-12	204	AAH-2224	2' X 2'	375	---	1-POLE T'STAT SET AT 75°F
H-13	226	ARL-2248	2' X 4'	500	---	1-POLE T'STAT SET AT 75°F
H-14	227	ARL-2248	2' X 4'	500	---	1-POLE T'STAT SET AT 75°F
NOTE : 1. THE ABOVE SELECTION BASED ON "AZTEC" WITH THE EXCEPTION OF H-2, H-4 & H-9 WHICH ARE BASED ON "OMARK", MODELS AS SPECIFIED. 2. THE VOLTAGE SHALL BE 208 VOLTS/1 PHASE, EXCEPT H-2 WHICH SHALL BE 208 VOLTS/3 PHASE. 3. PROVIDE UNIVERSAL MOUNTING BRACKET FOR H-2 & H-9.						

HOT WATER BOILER SCHEDULE					
SYMBOL	MODEL SIZE	DOE HEAT CAP.(MBH)	I=B=R CAP. (MBH)	BURNER CAP.(MBH)	REMARKS
B-1	88-14-W-5L	226.0	196.5	1.95	BOILER CONTROL FROM BOILER CONTROL PANEL
NOTES : 1. THE ABOVE SELECTION BASED ON A CAST-IRON/BURNER UNIT EQUAL TO "H.B.SMITH". 2. THE BOILER/BURNER ASSEMBLY SHALL BE FACTORY TESTED AND PROVIDED WITH STANDARD BOILER TRIMS. 3. WATER BOILER TEMPERATURE SHALL BE MAINTAINED AT 140°F.					

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HVAC
SCHEDULES

PROJECT NO.

8604

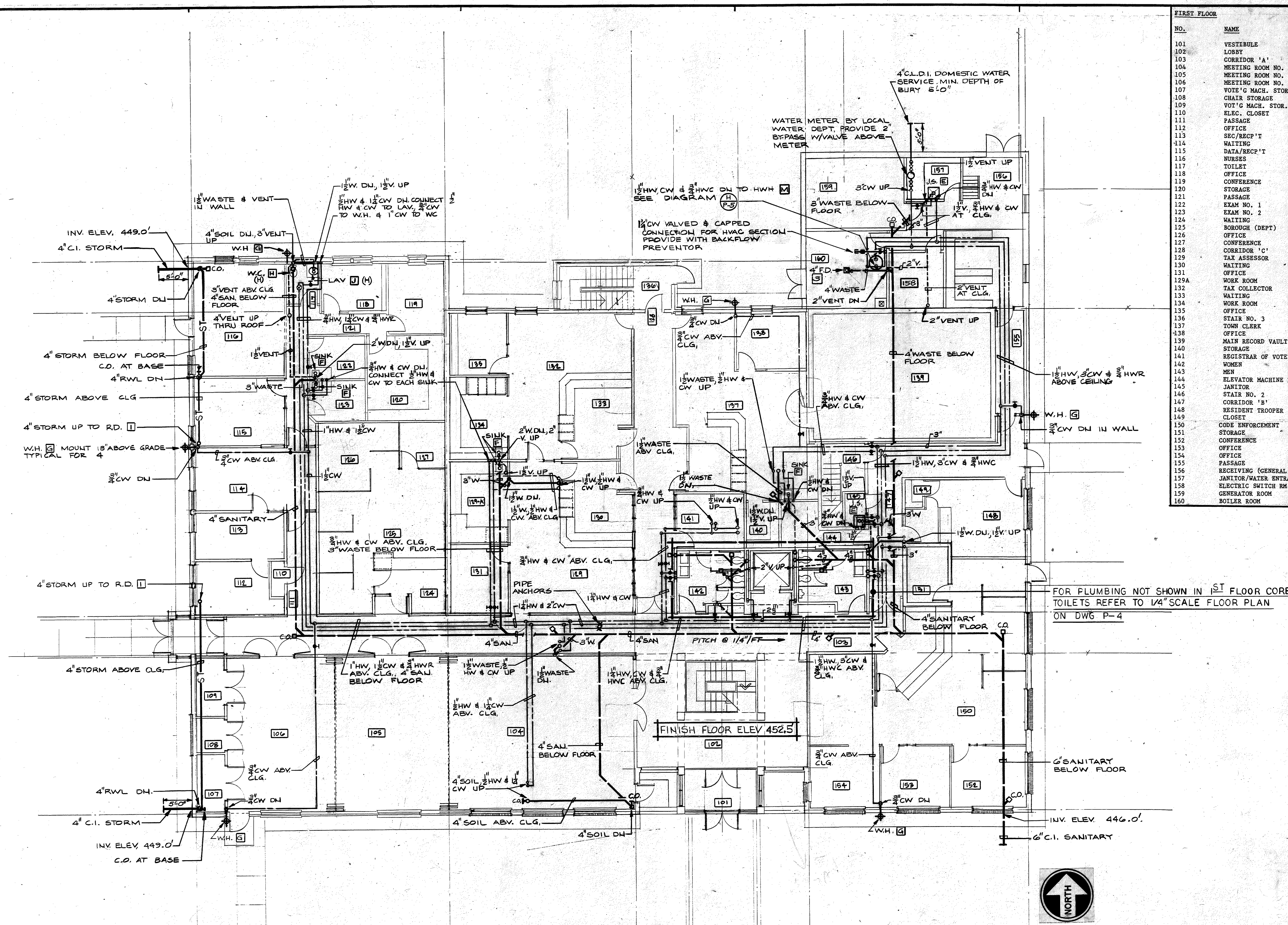
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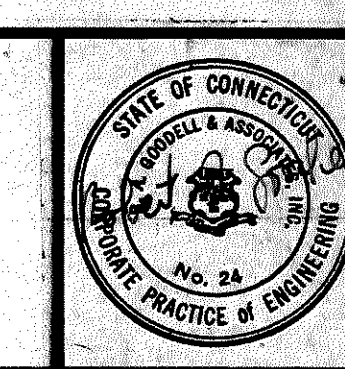
DATE: 8/1/88

HVAC-7



NO.	NAME
101	VESTIBULE
102	LOBBY
103	CORRIDOR 'A'
104	MEETING ROOM NO. 3
105	MEETING ROOM NO. 2
106	MEETING ROOM NO. 1
107	CHAIR STORAGE
108	VOTER MACH. STOR.
109	ELEC. CLOSET
110	PASSAGE
111	OFFICE
112	SEC/RECP'T
113	WAITING
114	DATA/RECP'T
115	NURSES
116	TOILET
117	OFFICE
118	CONFERENCE
119	STORAGE
120	PASSAGE
121	EXAM NO. 1
122	EXAM NO. 2
123	WAITING
124	BOROUGH (DEPT)
125	OFFICE
126	CONFERENCE
127	CORRIDOR 'C'
128	TAX ASSESSOR
129	WAITING
130	OFFICE
131	WORK ROOM
132	TAX COLLECTOR
133	WAITING
134	WORK ROOM
135	OFFICE
136	STAIR NO. 3
137	TOWN CLERK
138	OFFICE
139	MAIN RECORD VAULT
140	STORAGE
141	REGISTRAR OF VOTERS
142	WOMEN
143	MEN
144	ELEVATOR MACHINE RM.
145	JANITOR
146	STAIR NO. 2
147	CORRIDOR 'B'
148	RESIDENT TROOPER
149	CLOSET
150	CODE ENFORCEMENT
151	STORAGE
152	CONFERENCE
153	OFFICE
154	PASSAGE
155	RECEIVING (GENERAL)
156	JANITOR/WATER ENTRANCE
157	ELECTRIC SWITCH RM.
158	GENERATOR ROOM
159	BOILER ROOM
160	

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FIRST FLOOR PLAN

PLUMBING

PROJECT NO.
8604

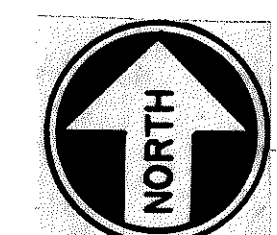
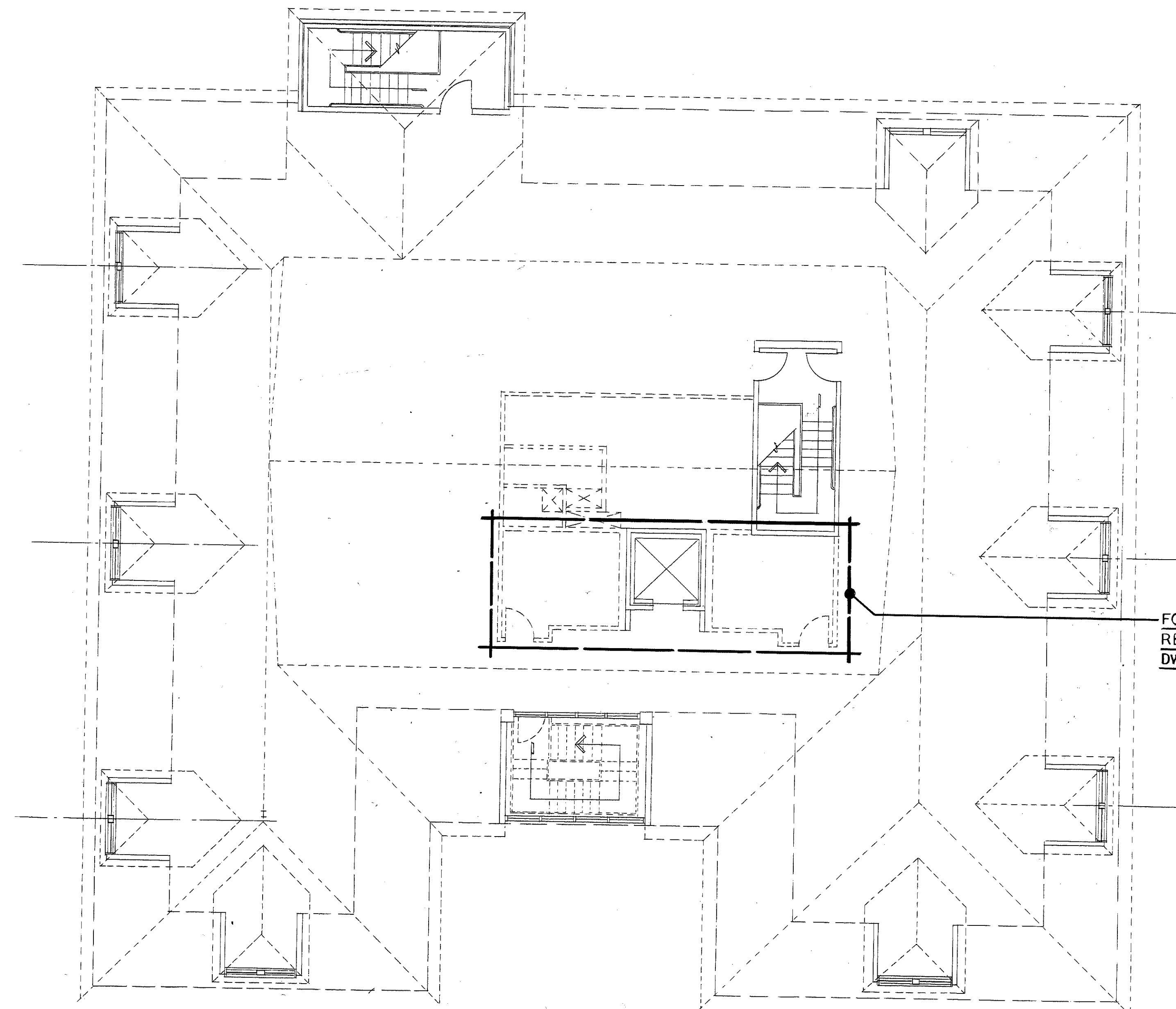
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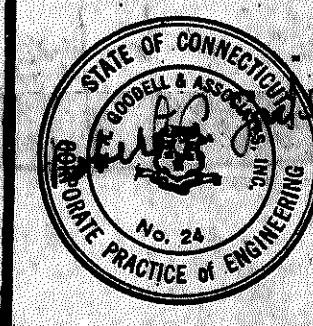
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ATTIC FLOOR PLAN

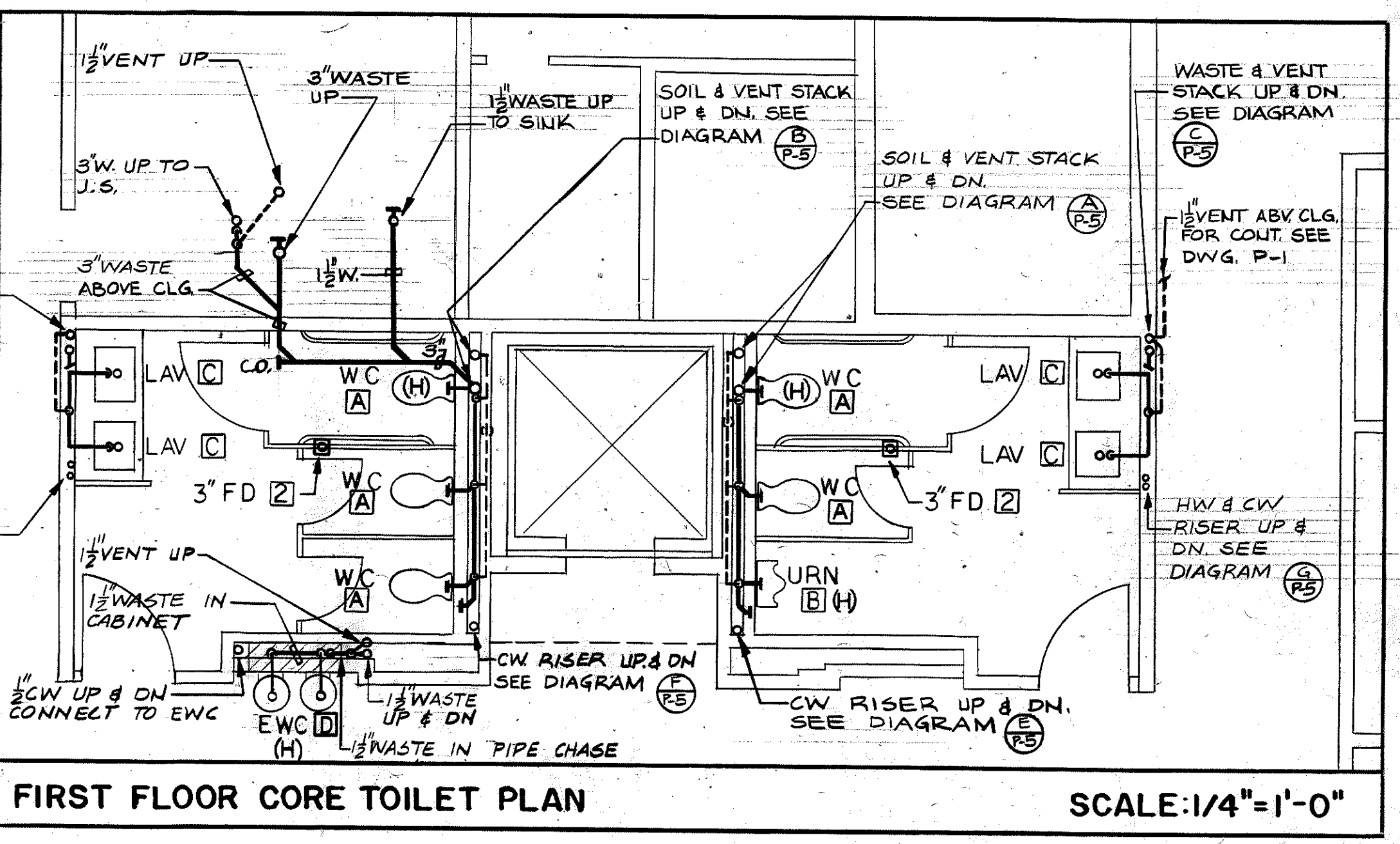
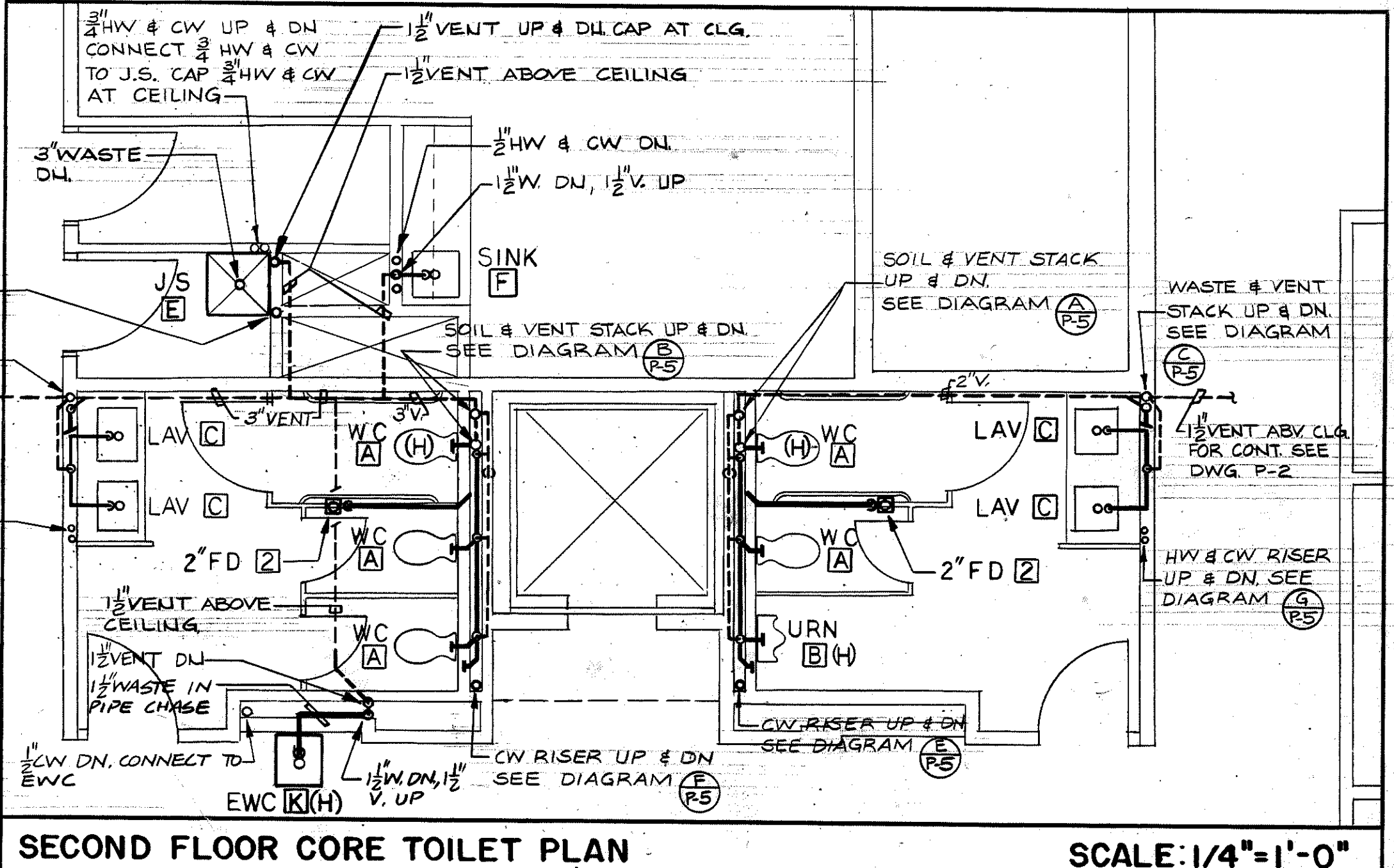
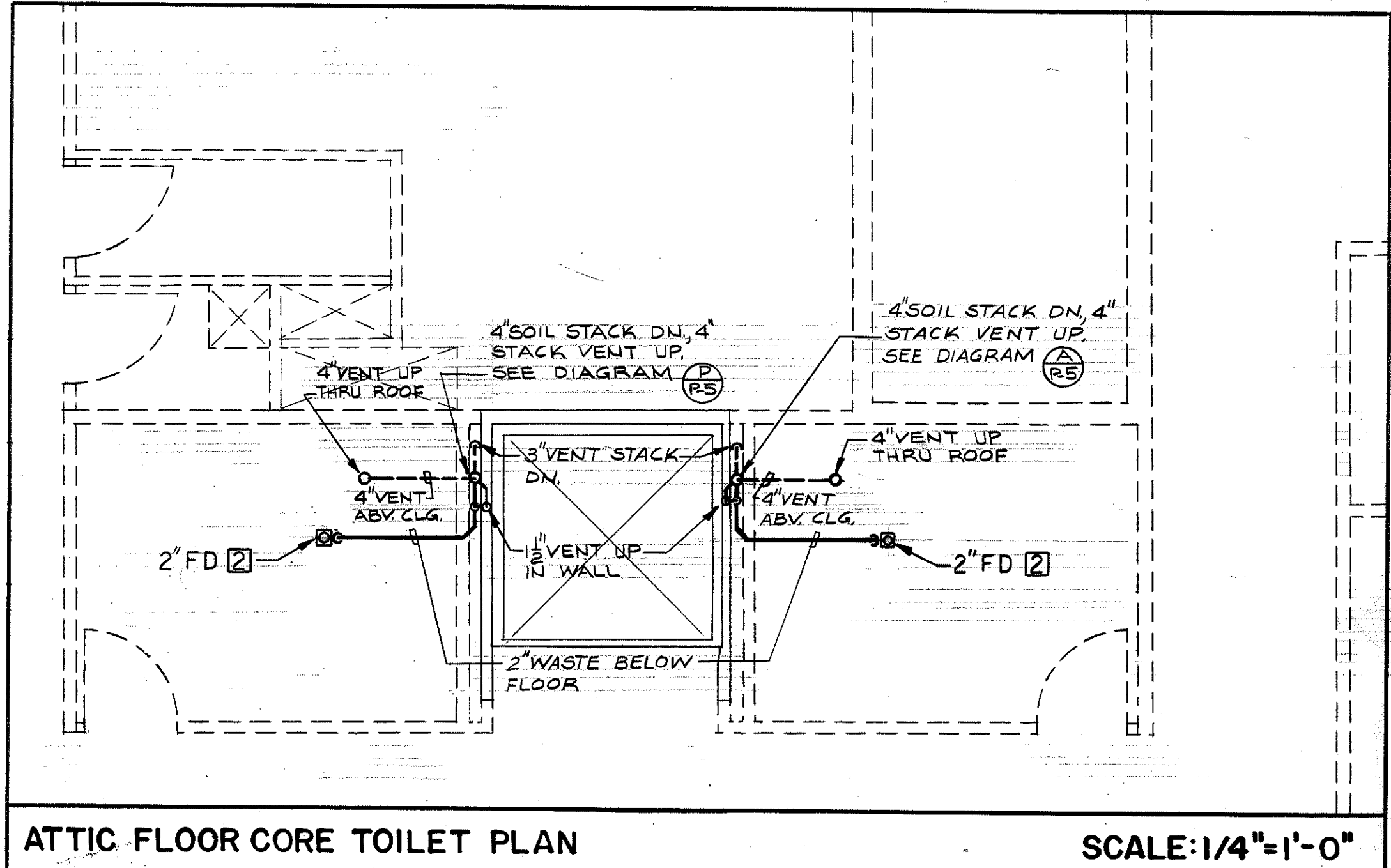
PLUMBING

PROJECT NO. 8604	
SCALE: 1/8" = 1'-0"	P-3
DRAWN BY: RS	
CHECKED BY: ZML	
DATE: 8/1/88	

PLUMBING FIXTURE SCHEDULE		
FIXTURE	SYMBOL	DESCRIPTION
WATER CLOSET	W.C. A	KOHLER "KINGSTON" K-4430-ET WATER-GUARD VITREOUS CHINA, SIFON JET ELONGATED WALL HUNG TOILET, 1-1/2" TOP SPUD, DELAY 402 FLUSH VALVE, OLSONITE NO. 95 EXTRA HEAVY DUTY OPEN FRONT WHITE TOILET SEAT LESS COVER. PROVIDE WADE OR ZURN CHAIR CARRIER. 4" WASTE, 2" VENT, 1" C.W.
URINAL	URN B	KOHLER "BARDON WATER-GUARD" K-4980-T VITREOUS CHINA WASHOUT ACTION WALL HUNG URINAL WITH 3/4" TOP SPUD INLET, 2" I.P.S. OUTLET, WALL HANGERS AND REMOVABLE RESERVE STRAINER, DELAY "FLUSHBOY" MODEL 451 FLUSH VALVE. PROVIDE WADE OR ZURN CHAIR CARRIER. 2" WASTE, 1-1/2" VENT, 3/4" C.W.
LAVATORY	LAV. C	KOHLER "FARMINGTON" K2904 19-1/4" X 16-1/4" ENAMELED CAST IRON COUNTERTOP SELF-RIMMING LAVATORY. K-13895 1-1/4" OFFSET DRAIN WITH OPEN STRAINER. (2) K-13711 3/8" I.P.S. SUPPLIES WITH LOOSE KEY STOPS. (2) K-7620 1/4" I.P.S. STRAIGHT TAILPIECES. K-9000 1-1/4" X 1-1/2" CAST BRASS P-TRAP. DELTA OR SYMONS MODEL 5-90-2-G SINGLE LEVER CENTERSET FAUCET, CHROME PLATED PERFORATED GRID STRAINER WITH 1-1/4" O.D. TAILPIECE, 2.75 GPM FLOW RESTRICTOR. INSULATE HOT WATER AND WASTE PIPING BELOW LAVATORIES. 1-1/2" WASTE, 1-1/2" VENT, 1/2" H.W. & C.W.
WATER COOLER	ENC-D	ELKAY MODEL ERP2-8-C FULLY EXPOSED DUAL HEIGHT STAINLESS STEEL FOUNTAINS WITH RECESSED IN-THE-WALL, SELF-CONTAINED, ELECTRIC REFRIGERATED WATER COOLER. NON-PRESSURIZED TANK SYSTEM. STAINLESS STEEL CABINET. CAPACITY OF 7.8 GPM OF 50 DEGREE F. DRINKING WATER AT 90 DEGREES AMBIENT TEMPERATURE. FLEXIGUARD SAFETY BUBBLERS. PUSH BAR ON FRONT. 1/5 HP MOTOR, 115V, 60 HZ, SINGLE PHASE. PROVIDE 1-1/2" C.P., P-TRAP AND SHUT-OFF VALVE. PROVIDE ADDITIONAL SUPPORT AS REQUIRED TO SUPPORT 500 LBS. 1-1/2" WASTE, 1-1/2" VENT, 1/2" H.W. & C.W.
JANITOR SINK	J.S. E	FIAT MODEL TSS-3000, 12" HIGH, 24" X 24" PRECAST TERRAZZO TOP SERVICE BASIN WITH 6" DROP FRONT. NO. 1239-BB ALUMINUM BUMPERGUARD PLATE WITH VINYL INSERT, NO. 830-AA CHROME PLATED SERVICE FAUCET WITH VACUUM BREAKER, INTEGRAL STOPS, NO. 889-CC MOP HANGER, NO. 832-AA HOSE AND HOSE BRACKET, NO. 833-AA SILICONE SEALANT. 3" WASTE, 1-1/2" VENT, 1/2" H.W. AND C.W.
SINK	SINK F	ELKAY "LUSTERTONE" MODEL LR-2222 22" X 22" X 7-1/2" DEEP, SINGLE COMPARTMENT, SELF-RIMMING STAINLESS STEEL SINK, 18 GAUGE, TYPE 302, 3-1/2" DRAIN OPENING, (3) FAUCET HOLES. LX-35B STANDARD DUO-STRAINER WITH 1-1/2" O.D. STAINLESS STEEL TAILPIECE. 1-1/2" C.P. P-TRAP WITH CLEANOUT. LX-2450 DECK MOUNT FAUCET WITH 10" HIGH GOOSENECK SWING SPOUT AND AERATOR. 1-1/2" WASTE, 1-1/2" VENT, 1/2" H.W. AND C.W.
WALL HYDRANT	W.H. G	WOODFORD, MODEL B65 SERIES, AUTOMATIC DRAINING FREEZELESS WALL HYDRANT, 3/4" ROSE TREAD NOZZLE WITH VACUUM BREAKER BACKFLOW PREVENTER, ONE-PIECE VALVE PLUNGER TO CONTROL BOTH FLOW AND DRAIN FUNCTIONS, HARDENED STAINLESS STEEL OPERATING STEM CHROME FINISH ON BRASS CASTINGS. LOOSE TEE KEY FURNISHED.
WATER CLOSET	W.C. H	KOHLER "DOWNING-WATER-GUARD" K-4262-ET VITREOUS CHINA SIFON JET ELONGATED FLOOR MOUNTED TOILET WITH 2-5/8" PASSAGEWAY, 1-1/2" TOP SPUD, (2) K-4562 BOLT CAPS, 12" ROUGHING. DELAY "FLUSHBOY" 402 FLUSH VALVE. OLSONITE NO. 95 EXTRA HEAVY DUTY OPEN FRONT WHITE TOILET SEAT LESS COVER. OLSONITE NO. L210-CC 2" LIFT SEAT AT HANDICAP FIXTURE LOCATIONS. 4" WASTE, 2" VENT, 1" C.W.
LAVATORY (HANDICAPPED)	LAV J	KOHLER "MORNINGSIDES" K-12636, 20" X 27" VITREOUS CHINA WHEELCHAIR LAVATORY WITH 4" FAUCET CENTERS. K-13885 1-1/4" OFFSET DRAIN WITH OPEN STRAINER. (2) K-13711 3/8" I.P.S. SUPPLIES WITH LOOSE KEY STOPS. (2) K-7620 1/4" I.P.S. STRAIGHT TAILPIECES. K-9000 1-1/4" X 1-1/2" CAST BRASS P-TRAP. SYMONS "SCOT" S-60-H VANDALPROOF METERING/TEMPERATURE SELECTION FAUCET WITH LEVER TYPE HANDLE. INSULATE HOT WATER AND WASTE PIPE BELOW LAVATORY. 1-1/2" WASTE, 1-1/2" VENT, 1/2" H.W. AND C.W.
ELECTRIC WATER COOLER	E.W.C. K	ELKAY "WHEELCHAIR SERIES", MODEL ERFS-8 SELF-CONTAINED WALL HUNG ELECTRIC REFRIGERATED WATER COOLER. SELF-CLOSING PUSH BAR ON FRONT AND BOTH SIDES. NON-PRESSURIZED TANK SYSTEM. STAINLESS STEEL CABINET. CAPACITY OF 7.6 GPM OF 50 DEGREES F DRINKING WATER AT 90 DEGREES F AMBIENT TEMPERATURE. FLEXIGUARD SAFETY BUBBLER. 1/5 HP, 115V, 60 HZ, SINGLE PHASE. PROVIDE 1-1/2" C.P. P-TRAP, SHUT-OFF VALVE. COLOR BY ARCHITECT.
LAVATORY	LAV L	KOHLER "HUDSON" K-2867 20" X 18" ENAMELED CAST IRON WALL MOUNTED LAVATORY WITH 4" FAUCET CENTERS AND LUGS FOR CHAIR CARRIER. (2) K-7606 CHROME PLATED 3/8" ANGLE SUPPLIES WITH STOPS. SYMONS 5-90-2 SINGLE LEVER WASHERLESS LAVATORY FAUCET WITH AERATOR AND POP-UP DRAIN WITH 1-1/4" TAILPIECE. PROVIDE WADE OR ZURN LAVATORY CARRIER. 1-1/2" WASTE, 1-1/2" VENT, 1-1/2" H.W. AND C.W.
WATER HEATER	HW H	CARLIN MODEL RCQ-50 REAR FLUE OIL FIRED WATER HEATER, 70 GALLON GLASS-LINED STEEL STORAGE TANK, 180 GPM RECOVERY RATE AT 90 DEGREES F. TEMPERATURE RISE. 186,400 BTU/HR INPUT. 1.35 GPM FIRING RATE. 150 PSI WORKING PRESSURE. COMPLETE WITH CARLIN FLAME RETENTION OIL BURNER, CONTROLS, FITTINGS, ETC. PROVIDE ASME RATED PRESSURE AND TEMPERATURE RELIEF VALVE, SHUT-OFF VALVES, UNIONS AND DRAIN VALVE. SET AT 120 DEGREE F.
CIRCULATING PUMP	CIRC N	BELL & GOSSETT MODEL 111 PR IN-LINE RECIRCULATING PUMP. 5 GPM AT 17 FEET HEAD. ALL BRONZE CONSTRUCTION, 1750 RPM, 1/6 HP, 120 VOLT, 1 PHASE.
ROOF DRAIN	R.D. 1	WADE OR ZURN Z-100ERC MAIN ROOF DRAIN DURA-COATED CAST IRON BODY WITH EXTENSION ROOF SUMP RECEIVER AND UNDERDECK CLAMP. DRAIN SHALL HAVE COMBINATION MEMBRANE FLASHING LAMP/GRAVEL GUARD AND LOW SILHOUETTE POLYDOME. NO-HUB CONNECTION.
FLOOR DRAIN (TOILETS)	F.D. 2	ZURN ZH-415 FLOOR AND SHOWER DRAIN, DURA-COATED CAST IRON BODY WITH BOTTOM OUTLET, COMBINATION INVERTIBLE MEMBRANE CLAMP AND ADJUSTABLE TYPE "M" NICKEL BRONZE 5" ROUND STRAINER WITH BUCKET. NON-HUB CONNECTION. PROVIDE DEEP SEAL P-TRAP. VANDALPROOF. PROVIDE 24" SQUARE, 4 LB. SHEET LEAD FLASHING.
FLOOR DRAIN (BOILER RM.)	F.D. 3	ZURN ZH-541 12" DIA. TOP, HEAVY-DUTY DRAIN, DURA-COATED CAST IRON BODY WITH BOTTOM OUTLET. SEEPAGE PAN AND COMBINATION MEMBRANE FLASHING CLAMP AND FRAME FOR HEAVY DUTY CAST IRON DEEP ANTI-TILT SLOTTED GRATE WITH SUSPENDED SEDIMENT BUCKET. PROVIDE DEEP SEAL P-TRAP AND 24" SQUARE, 4 LB. SHEET LEAD FLASHING.

PLUMBING LEGEND	
SYMBOLS USED ARE INDICATED BY A CHECK (✓)	
✓ C.W.	COLD WATER LINE
✓ H.W.	HOT WATER LINE
✓ H.W.C.	HOT WATER CIRCULATING LINE
✓ G	GAS LINE
✓ F	FIRE LINE
✓ A	COMPRESSED AIR LINE
✓ B	BALANCE VALVE, GAS COCK OR CURB VALVE
✓ H	WALL HYDRANT
✓ C	CHECK VALVE
✓ G	GATE VALVE
✓ G	GLOBE VALVE
✓ C	CONTROL VALVE
✓ B.W.V.	BACK WATER VALVE
✓ C.I.	CAST IRON
✓ S.S.	LAVATORY
✓ S.S.	SERVICE SINK
✓ S.S.	CLASSROOM SINK
✓ S.S.	WATER CLOSET-FLUSH VALVE-WALL HUNG
✓ S.S.	WATER CLOSET-FLUSH VALVE-FLOOR OUTLET
✓ S.S.	WATER CLOSET-TANK TYPE
✓ S.S.	URINAL
✓ D.F.	DRINKING FOUNTAIN
✓ E.W.C.	ELECTRIC WATER COOLER
✓ F	FLOOR DRAIN, ROOF DRAIN OR AREA DRAIN
✓ S	SHOWER HEAD
✓ S.R.	SERVICE RECEPTOR
✓ R.W.L.	RAIN WATER LEADER
✓ E.S.P.	FIRE STANDPIPE
✓ S.S.	SOIL STACK
✓ W.S.	WASTE STACK
✓ V.S.	VENT STACK
✓ W.E.V.	WASTE & VENT STACK
✓ A.V.	ACID VENT
✓ A.W.	ACID WASTE
✓ S.T.	STORM LINE
✓ S.A.N.	SANITARY LINE
✓ S.A.N.	STORM OR SANITARY LINE IN GROUND
✓ S.A.N.	STORM OR SANITARY LINE EXPOSED
✓ C.C.	CLEANOUT WITH ACCESS FROM FLOOR ABOVE
✓ R.T.	RUNNING TRAP
✓ M.H.	MANHOLE
✓ C.B.	CATCH BASIN
✓ F.D.	FLOOR DRAIN
✓ A.D.	AREA DRAIN
✓ R.D.	ROOF DRAIN
✓ W.H.	WALL HYDRANT
✓ N.F.	NON-FREEZE
✓ B.V.	BALL VALVE
✓ F.H.	FIRE HYDRANT
✓ B.F.P.	BUTTERFLY VALVE
✓ B.F.P.	BACKFLOW PREVENTER
✓ S.T.R.	STRAINER
✓ W.F.	WASH DOWN FAUCET
✓ T.G.	TEMPERATURE GAUGE
✓ P.G.	PRESSURE GAUGE
✓ P.R.V.	PRESSURE REDUCING VALVE

NOTE
1. (H) INDICATES HANDICAP PLUMBING FIXTURE LOCATION REFER TO ARCHITECTURAL DWGS FOR MOUNTING HEIGHTS.

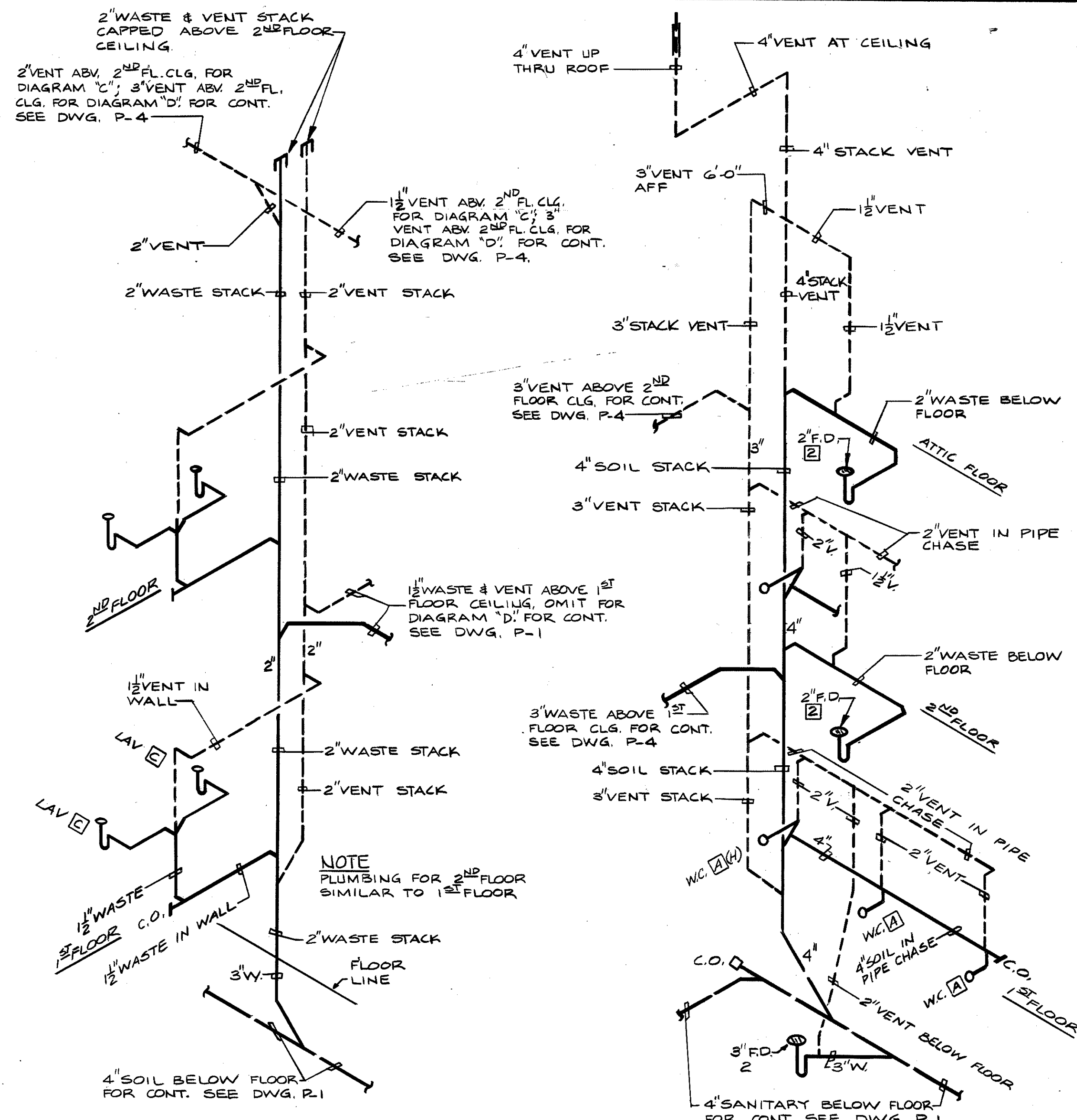


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COLCHESTER, CONNECTICUT

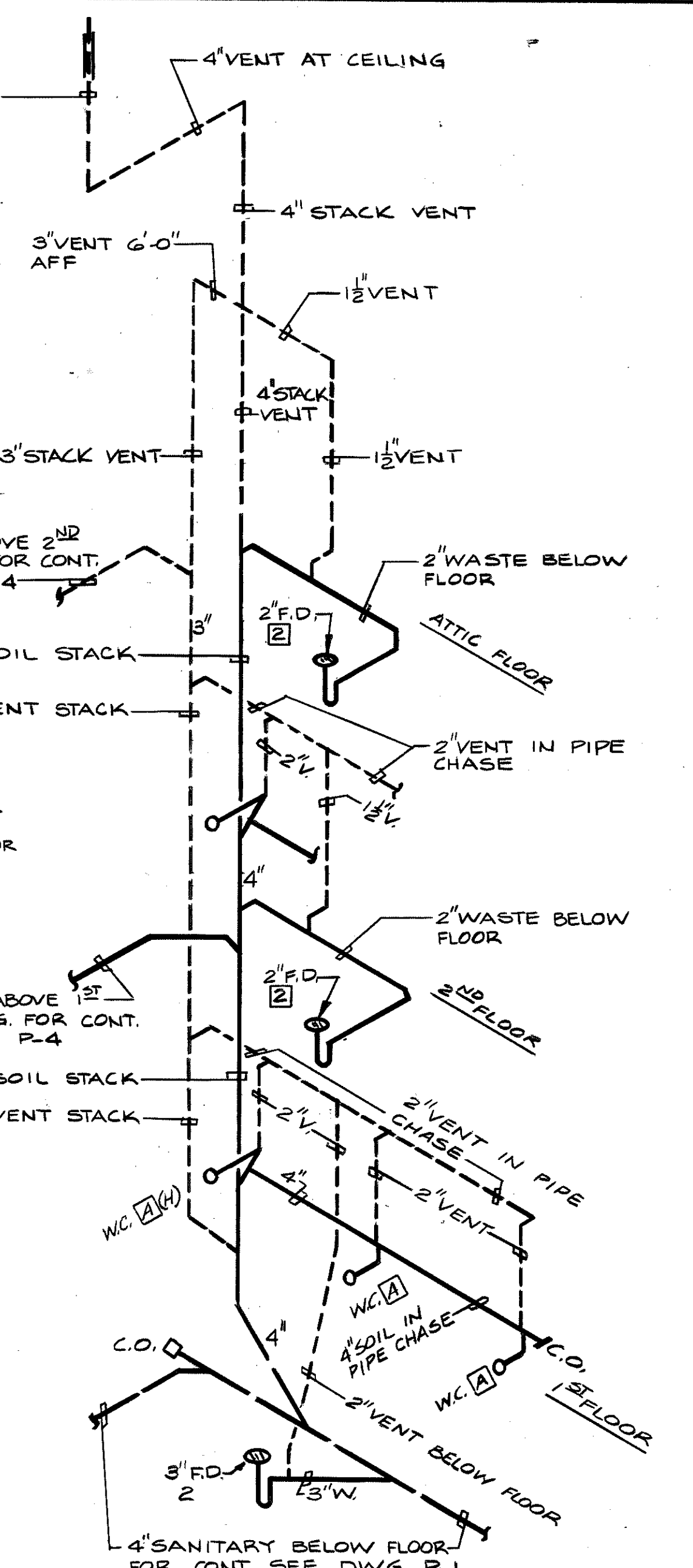
Peter Abel Inc.
Architects Planners
P.O. Box 210
21 South Main Street
Marlborough, Connecticut 06447-0210
(203) 295-9511

PLUMBING DETAILS

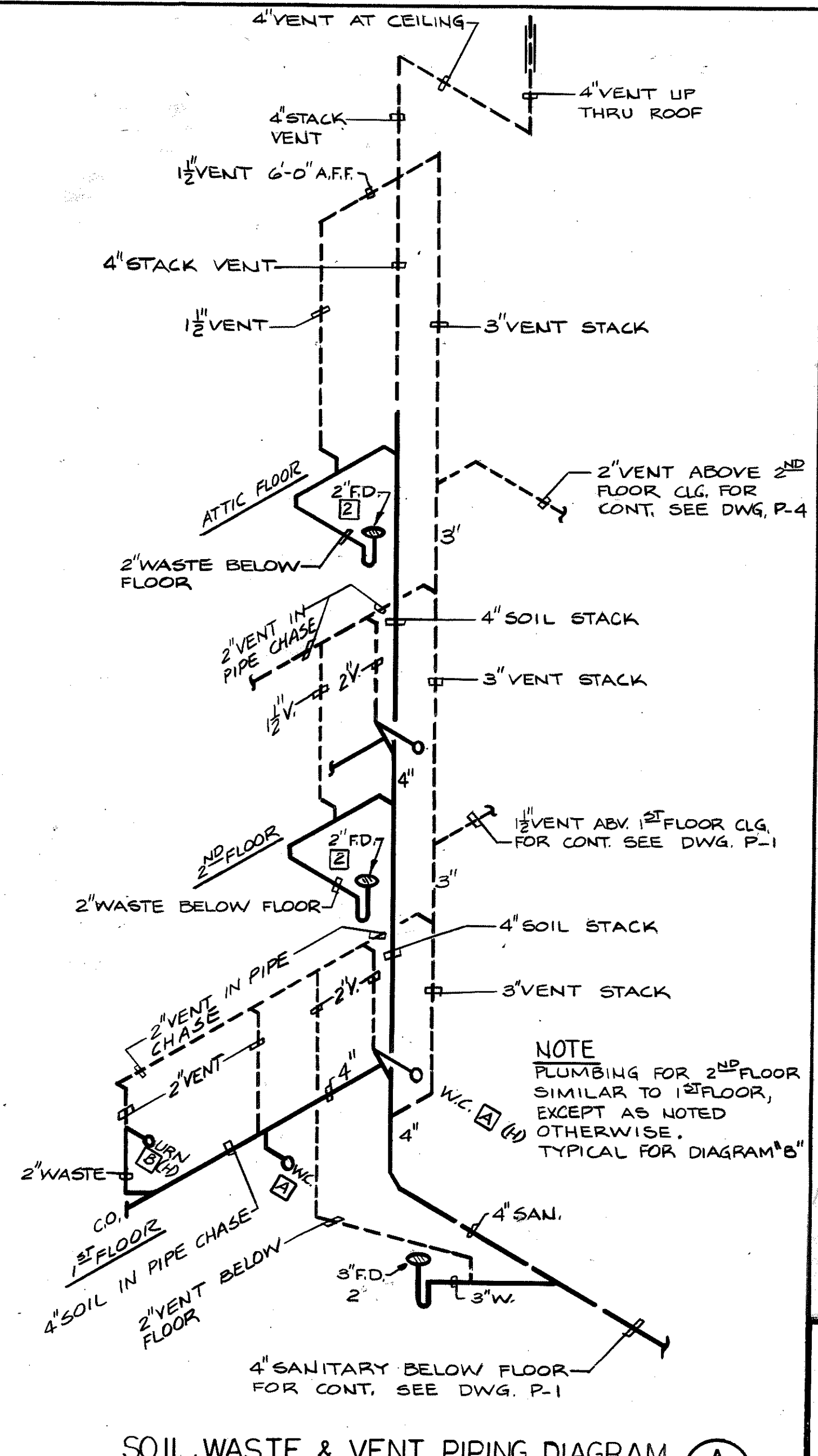
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SCALE: 1/4" = 1'-0"	
DRAWN BY: RS	
CHECKED BY: RML	
DATE: 8/1/88	



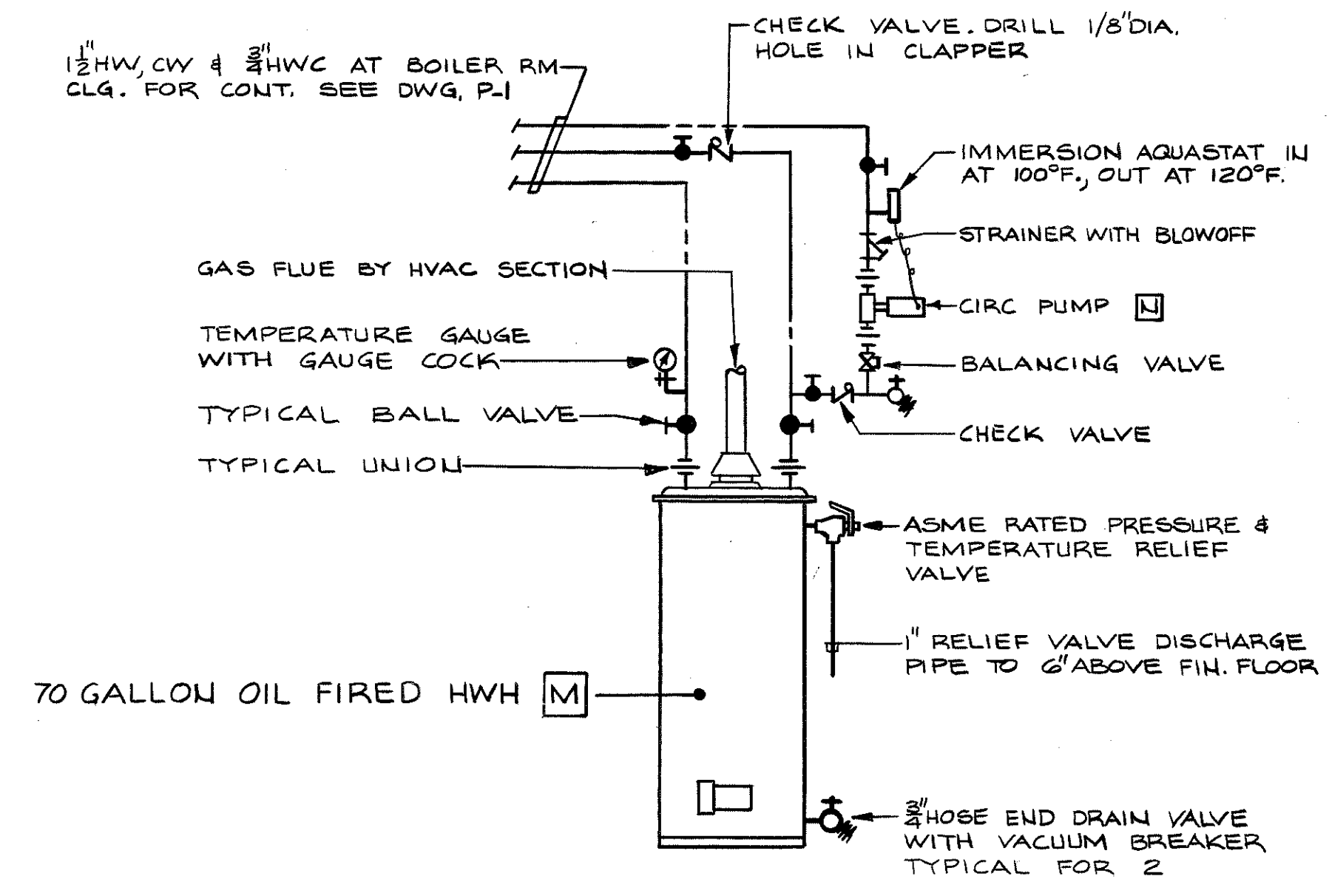
WASTE & VENT PIPING DIAGRAM C D
P-5 P-5



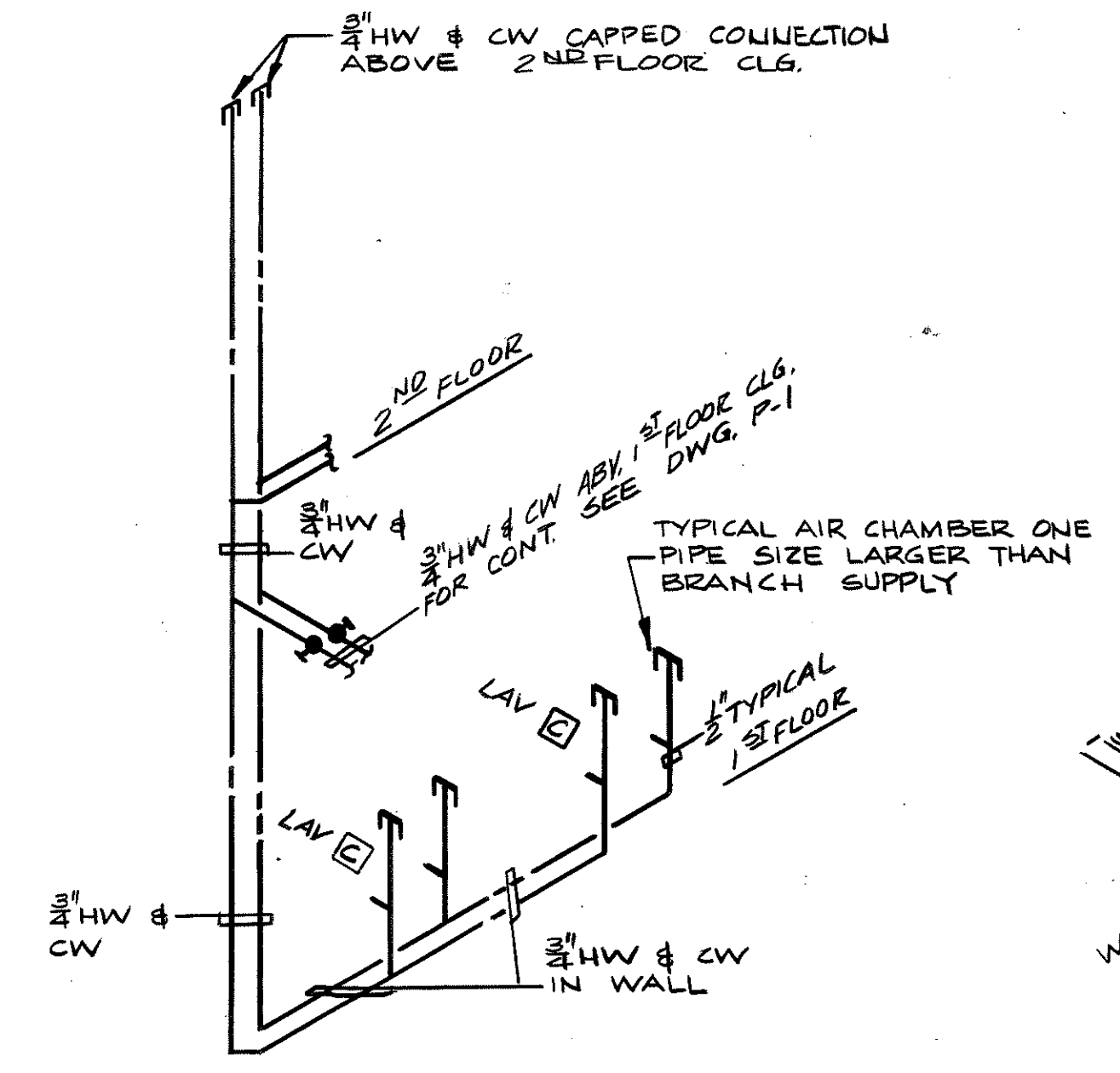
SOIL, WASTE & VENT PIPING DIAGRAM B
P-5



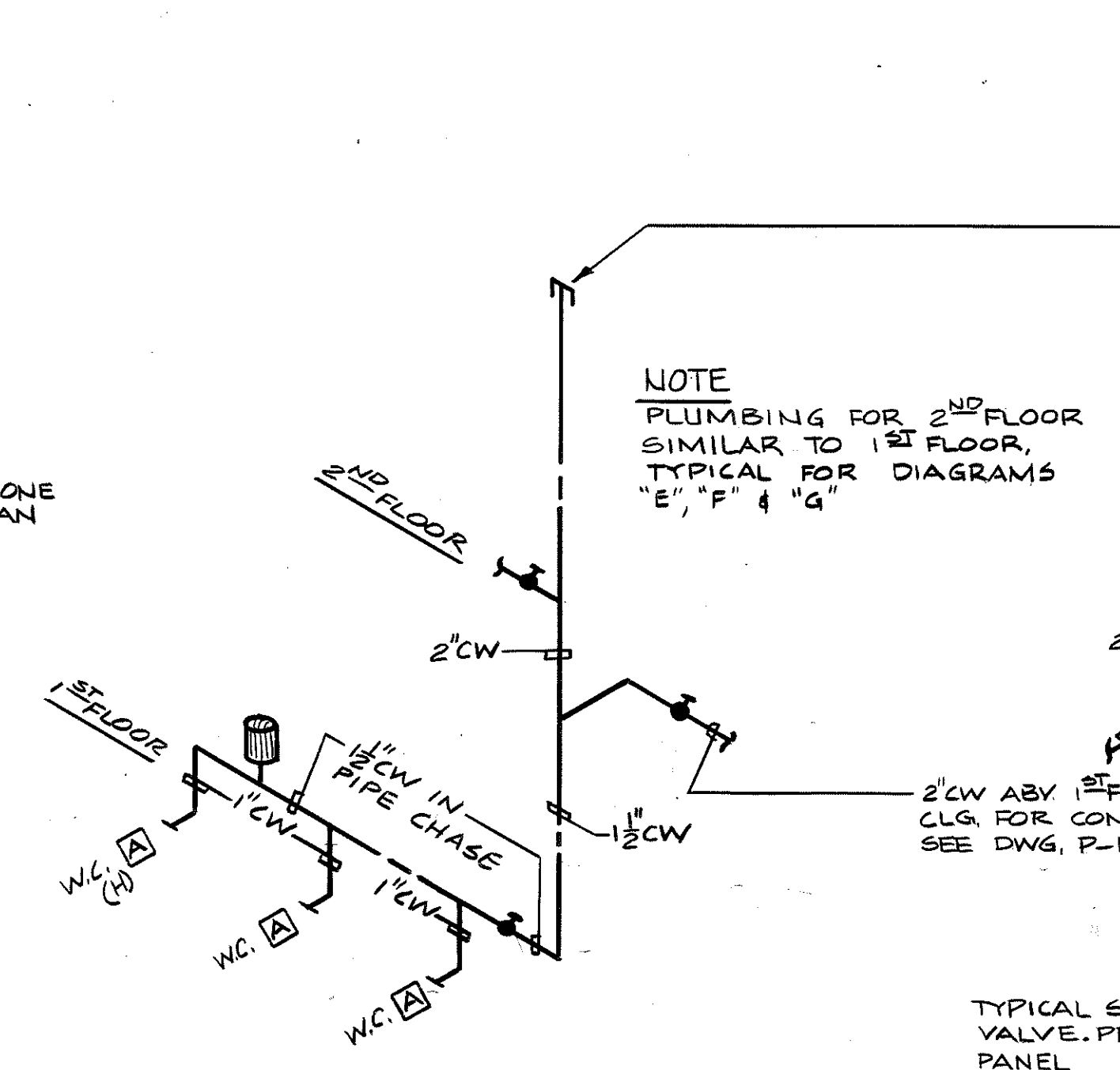
SOIL, WASTE & VENT PIPING DIAGRAM A
P-5



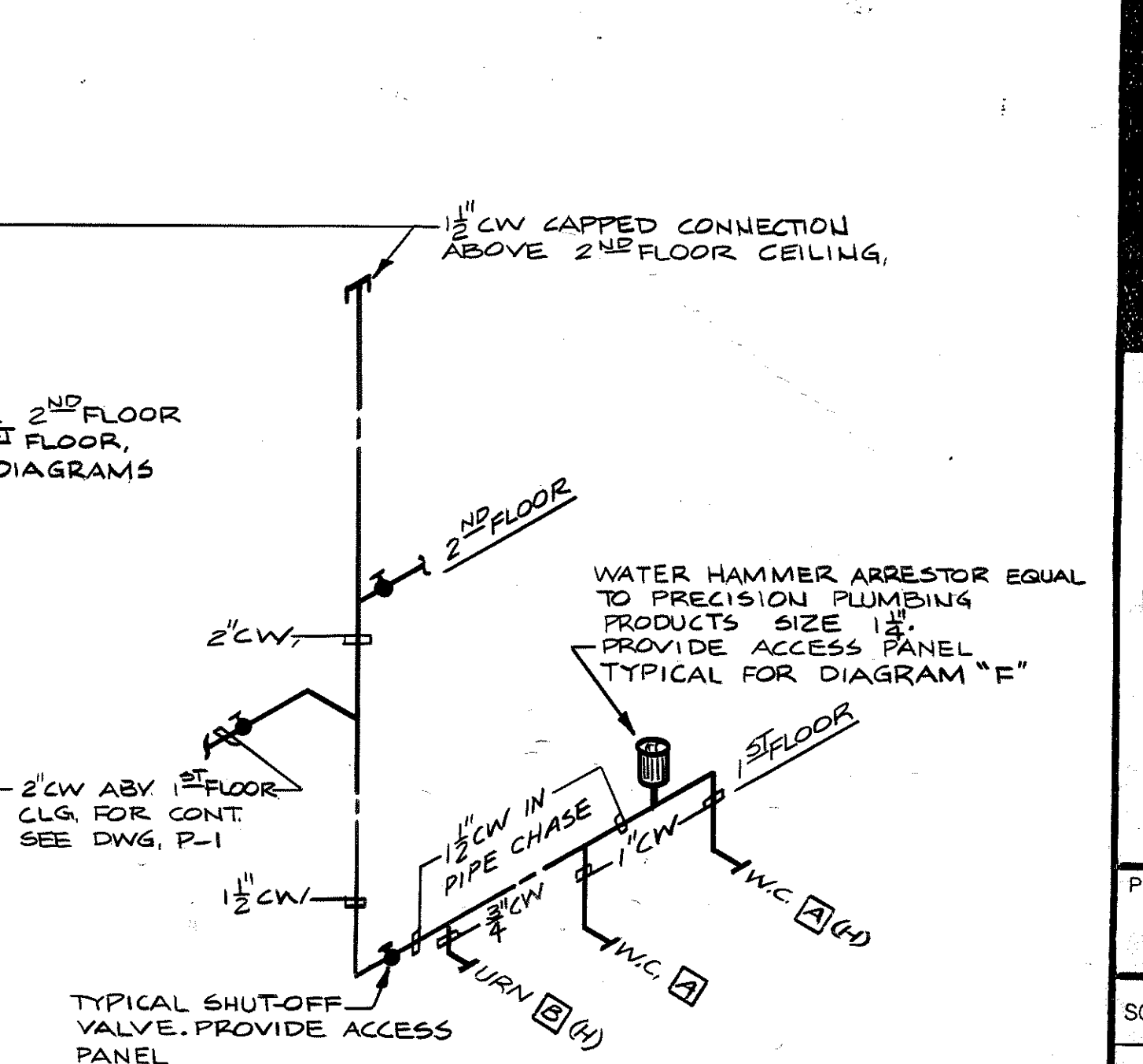
WATER HEATER PIPING DIAGRAM H
P-5



WATER PIPING DIAGRAM G
P-5



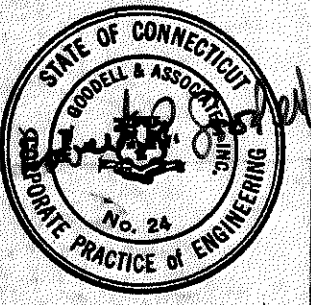
WATER PIPING DIAGRAM F
P-5



WATER PIPING DIAGRAM E
P-5

MUNICIPAL OFFICE COMPLEX TOWN OF COLCHESTER

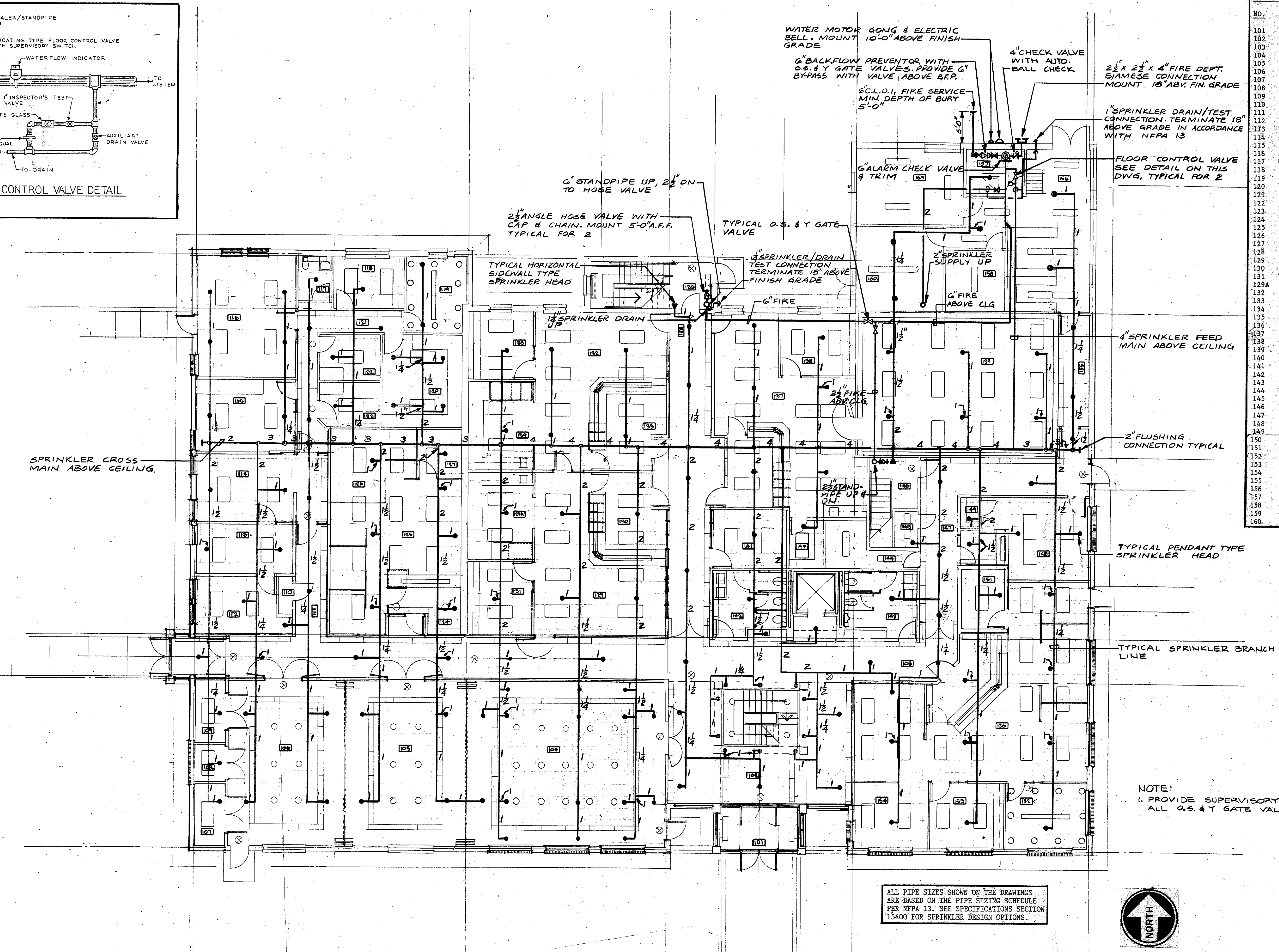
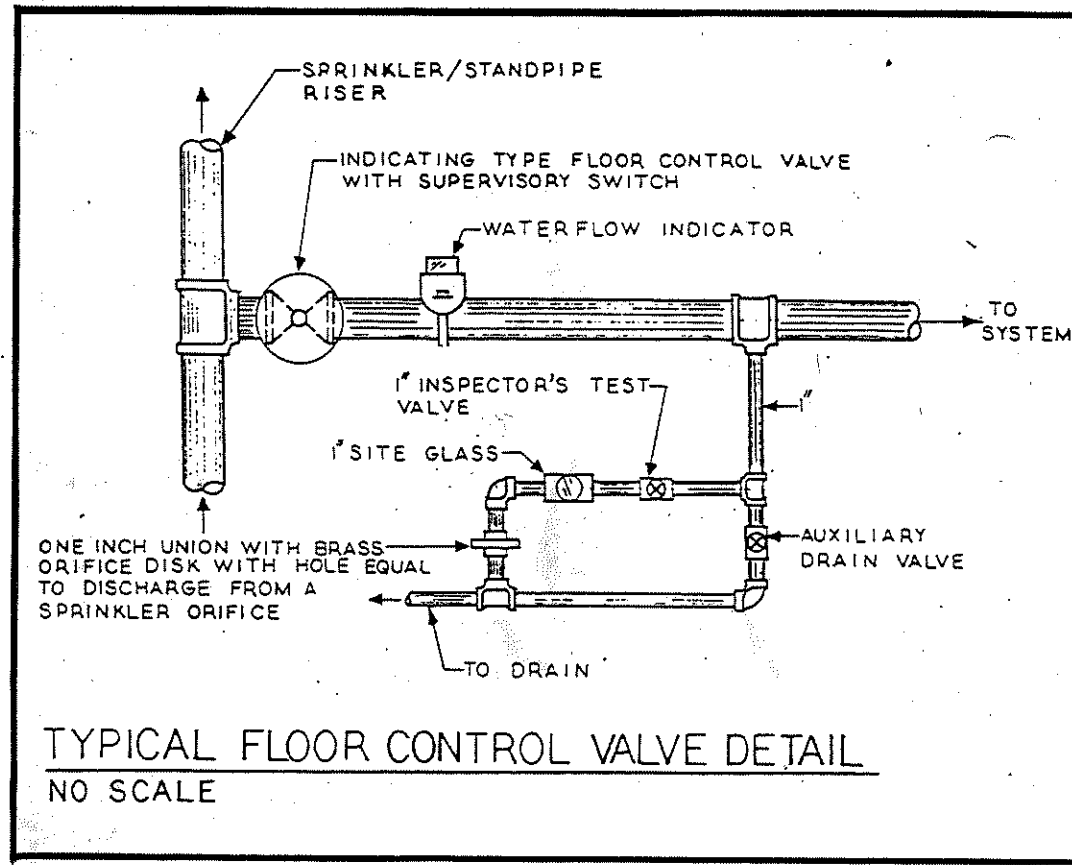
NORWICH AVE.
COLCHESTER, CONNECTICUT



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Marlborough, Connecticut 06447-0210
(203) 295-9511

PLUMBING DETAILS

PROJECT NO.	8604
SCALE	NO SCALE
DRAWN BY	RS
CHECKED BY	EWL
DATE	8/1/82

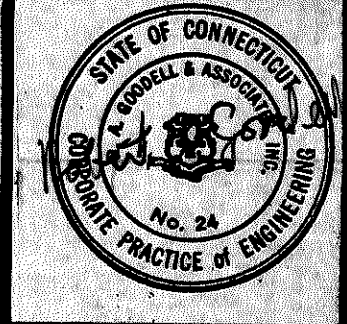


FIRST FLOOR		
NO.	NAME	
101	VESTIBULE	
102	LOBBY	
103	CORRIDOR 'A'	
104	MEETING ROOM NO. 3	
105	MEETING ROOM NO. 2	
106	MEETING ROOM NO. 1	
107	VOTE 'G' MACH. STOR.	
108	CHAIR STORAGE	
109	VOTE 'G' MACH. STOR.	
110	ELEC. CLOSET	
111	PASSAGE	
112	OFFICE	
113	SEC/RECP'T	
114	WAITING	
115	DATA/RECP'T	
116	NURSES	
117	TOILET	
118	OFFICE	
119	CONFERENCE	
120	STORAGE	
121	PASSAGE	
122	EXAM NO. 1	
123	EXAM NO. 2	
124	WAITING	
125	BOROUGH (DEPT)	
126	OFFICE	
127	CONFERENCE	
128	CORRIDOR 'C'	
129	TAX ASSESSOR	
130	WAITING	
131	OFFICE	
132	WORK ROOM	
133	TAX COLLECTOR	
134	WAITING	
135	WORK ROOM	
136	OFFICE	
137	STAIR NO. 3	
138	TOWN CLERK	
139	OFFICE	
140	MAIN RECORD VAULT	
141	STORAGE	
142	REGISTRAR OF VOTERS	
143	WOMEN	
144	MEN	
145	ELEVATOR MACHINE RM.	
146	JANITOR	
147	STAIR NO. 2	
148	CORRIDOR 'B'	
149	RESIDENT TROOPER CLOSET	
150	CODE ENFORCEMENT	
151	STORAGE	
152	CONFERENCE	
153	OFFICE	
154	OFFICE	
155	PASSAGE	
156	RECEIVING (GENERAL)	
157	JANITOR/WATER ENTRANCE	
158	ELECTRIC SWITCH RM.	
159	GENERATOR ROOM	
160	BOILER ROOM	

SPRINKLER TYPE	TEMP.	SYMBOL	QUANT.
WET RISE	165°	○	
BRASS UP	212°	○	
WET DRY S.W.	212°	○	

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 CONSULTING ENGINEERS
 31 CONCORD ST.
 GLASTONBURY, CONN. 06033



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 Architects & Planners
 P.O. Box 110
 21 South Main Street
 Marlborough, Connecticut 06044-0010
 (203) 295-9511

FIRST FLOOR PLAN

FIRE PROTECTION

PROJECT NO.
8604

SCALE: 1/8" = 1'-0"

DRAWN BY: PG

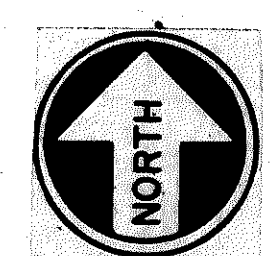
CHECKED BY: FBH

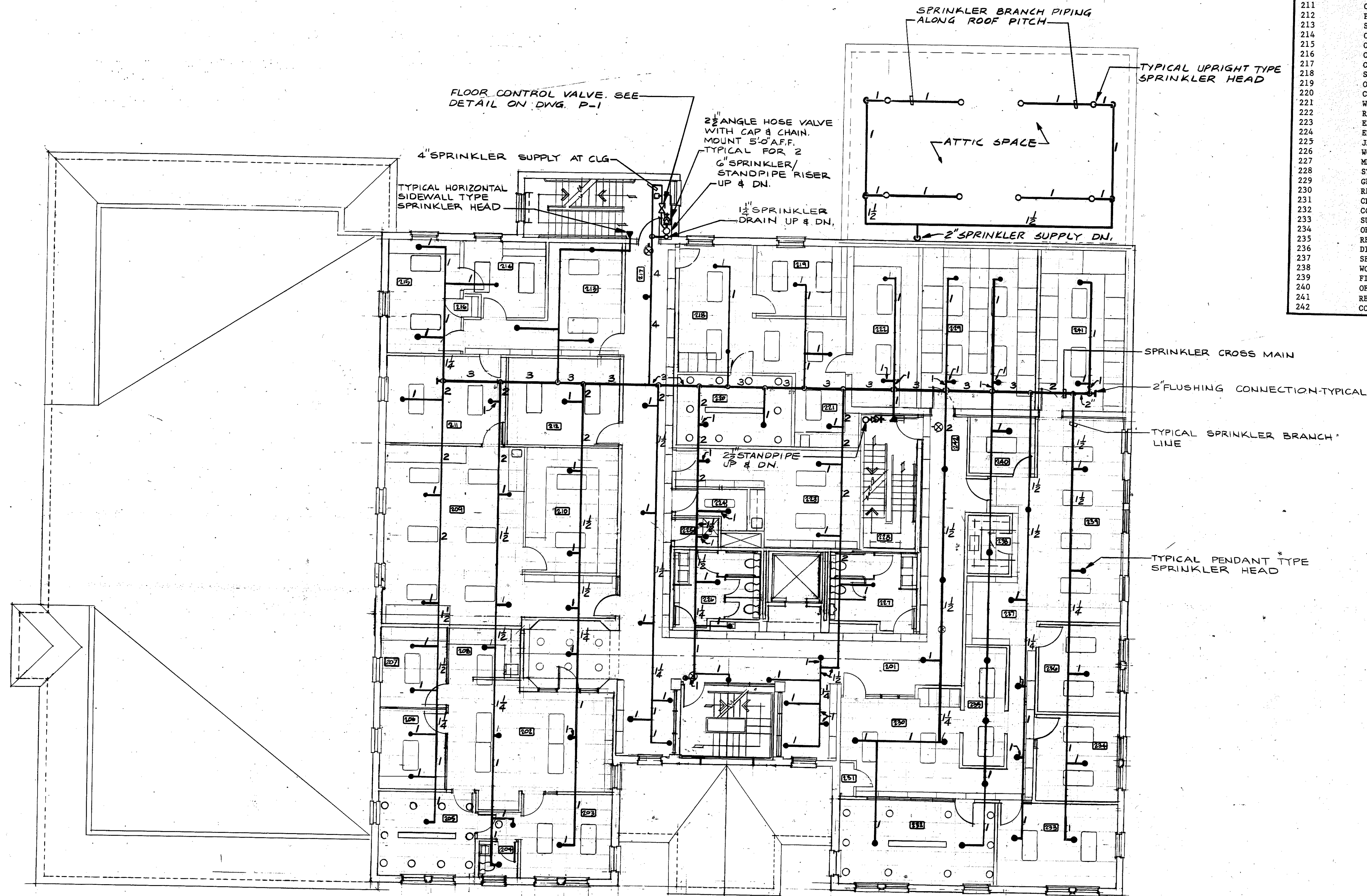
DATE: 8/1/88

FP-1

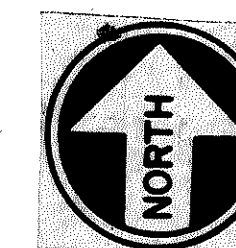
NOTE:
 1. PROVIDE SUPERVISORY SWITCHES ON ALL O.S. & Y GATE VALVES.

ALL PIPE SIZES SHOWN ON THE DRAWINGS ARE BASED ON THE PIPE SIZING SCHEDULE PER NFPA 13. SEE SPECIFICATIONS SECTION 15400 FOR SPRINKLER DESIGN OPTIONS.





ALL PIPE SIZES SHOWN ON THE DRAWINGS
ARE BASED ON THE PIPE SIZING SCHEDULE
PER NFPA 13. SEE SPECIFICATIONS SECTION
15400 FOR SPRINKLER DESIGN OPTIONS.



SECOND FLOOR	
NO.	NAME
201	CORRIDOR 'A-1'
202	TOWN ADMINISTRATION
203	SELECTMAN
204	TOILET
205	CONFERENCE
206	OFFICE
207	OFFICE
208	WORK ROOM
209	PAYROLL/ACCOUNTING
210	RECORD STORAGE
211	CONF/FUTURE COMPUTER
212	PHOTOCOPY/STORAGE
213	SEC/RECP'T
214	OFFICE
215	OFFICE
216	CLOSET
217	CORRIDOR 'C-1'
218	SEC/RECP'T (PROBATE)
219	OFFICE
220	CHAMBERS
221	WORK ROOM
222	RECORD STORAGE
223	EMPLOYEE'S LOUNGE
224	ELECTRICAL CLOSET
225	JANITOR CLOSET
226	WOMEN
227	MEN
228	STAIR NO. 2
229	GENERAL RECORD STOR.
230	RECP'T/SEC. (BD. OF ED.)
231	CLOSET
232	CONFERENCE
233	SUPERINTENDENT'S OFF.
234	OFFICE
235	RECORD STORAGE
236	DIRECTOR SPECIAL ED.
237	SEC. SPECIAL ED.
238	WORK ROOM
239	FINANCE/PAYROLL
240	OFFICE
241	RECORD STORAGE
242	CORRIDOR 'B'

SPRINKLER TYPE	TEMP.	SYMBOL	QUANT.
CHR. PEND.	165°	—	
BRASS UP	212°	—O—	
16002 DRY S.W.	212°	—△—	

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GLASTONBURY, CONN. 06033



SECOND FLOOR
PLAN

FIRE PROTECTION

PROJECT NO.
8604

SCALE: 1/8"=1'-0"

DRAWN BY: RS

CHECKED BY: RML

DATE: 8/1/88

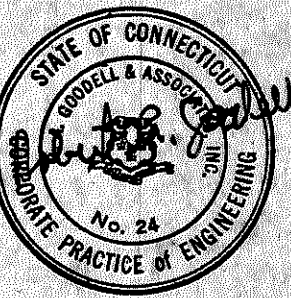
FP-2

SPRINKLER TYPE	TEMP.	SYMBOL	QUANT.
CHR. PEND	165°	●	
BRASS UP	212°	○	
MORE DRY S.A.	212°	◁	

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Marlborough, Connecticut 06447-0210
(203) 295-9511

ATTIC FLOOR PLAN

FIRE PROTECTION

PROJECT NO.
8604

SCALE: 1/8"=1'-0"

DRAWN BY: **RS**

CHECKED BY: **BML**

DATE: **8/1/83**

FP-3

