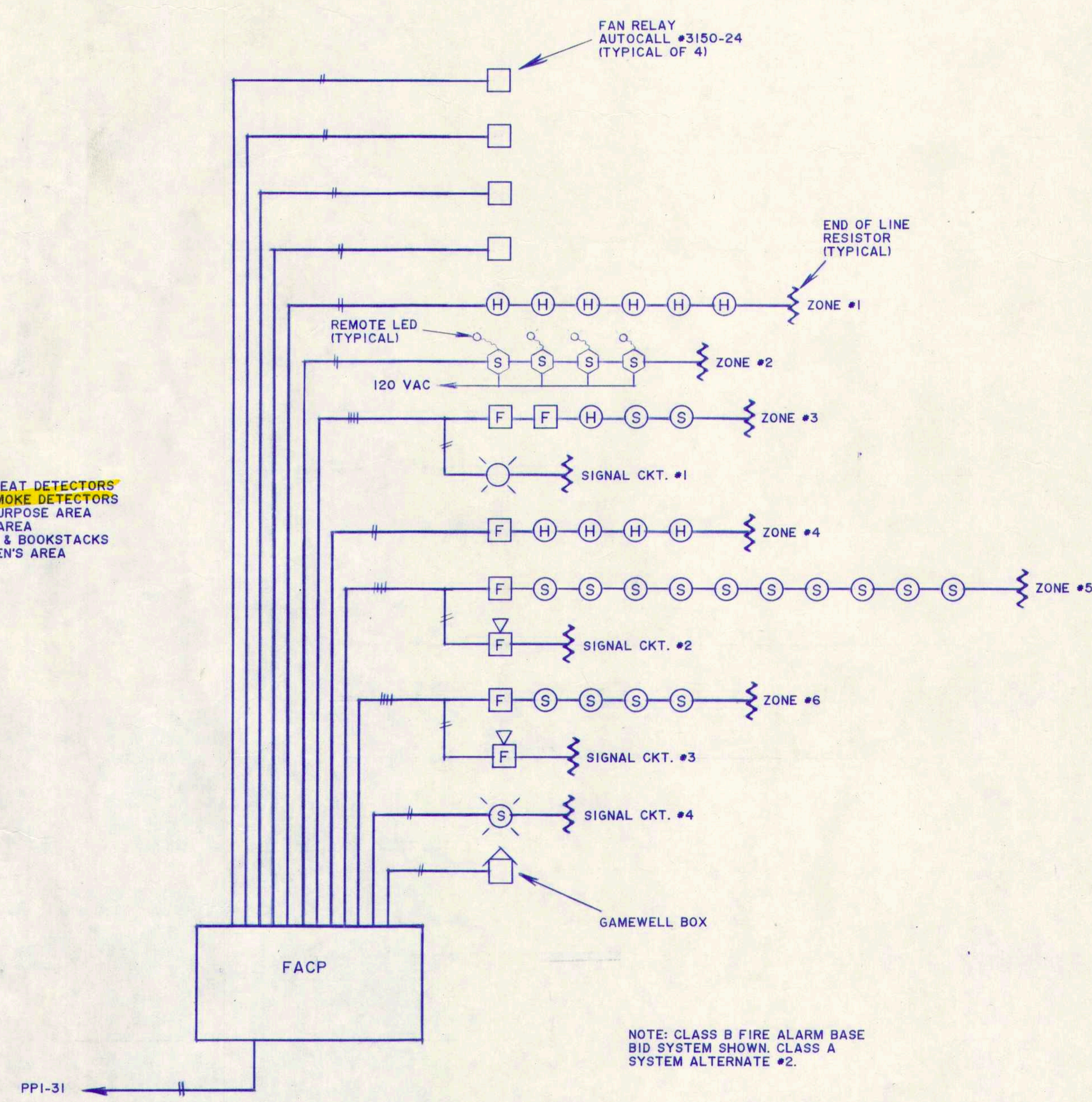
LEGEND

- DUPLEX RECEPTACLE (18" AFF EXCEPT WHERE NOTED)
- DUPLEX FLOOR RECEPTACLE
- MOTOR POWER CONNECTION
- SPECIAL POWER CONNECTION
- DISCONNECT SWITCH
- COMBINATION STARTER/DISCONNECT SWITCH
- S — SINGLE POLE SWITCH
- S_2 — TWO POLE SWITCH
- M.S.B. — MAIN SWITCH BANK (16 1-P SWITCHES)
- (S) — SMOKE DETECTOR
- (H) — HEAT DETECTOR
- [F] — FIRE ALARM PULL BOX
- FIRE ALARM HORN
- DUCT SMOKE DETECTOR
- VISUAL SIGNAL LIGHT
- STROBE LIGHT
- GFI — GROUND FAULT INDICATED
- W/P — WEATHER PROOF
- AHU — AIR HANDLING UNIT
- CU — CONDENSING UNIT
- FACP — FIRE ALARM CONTROL PANEL

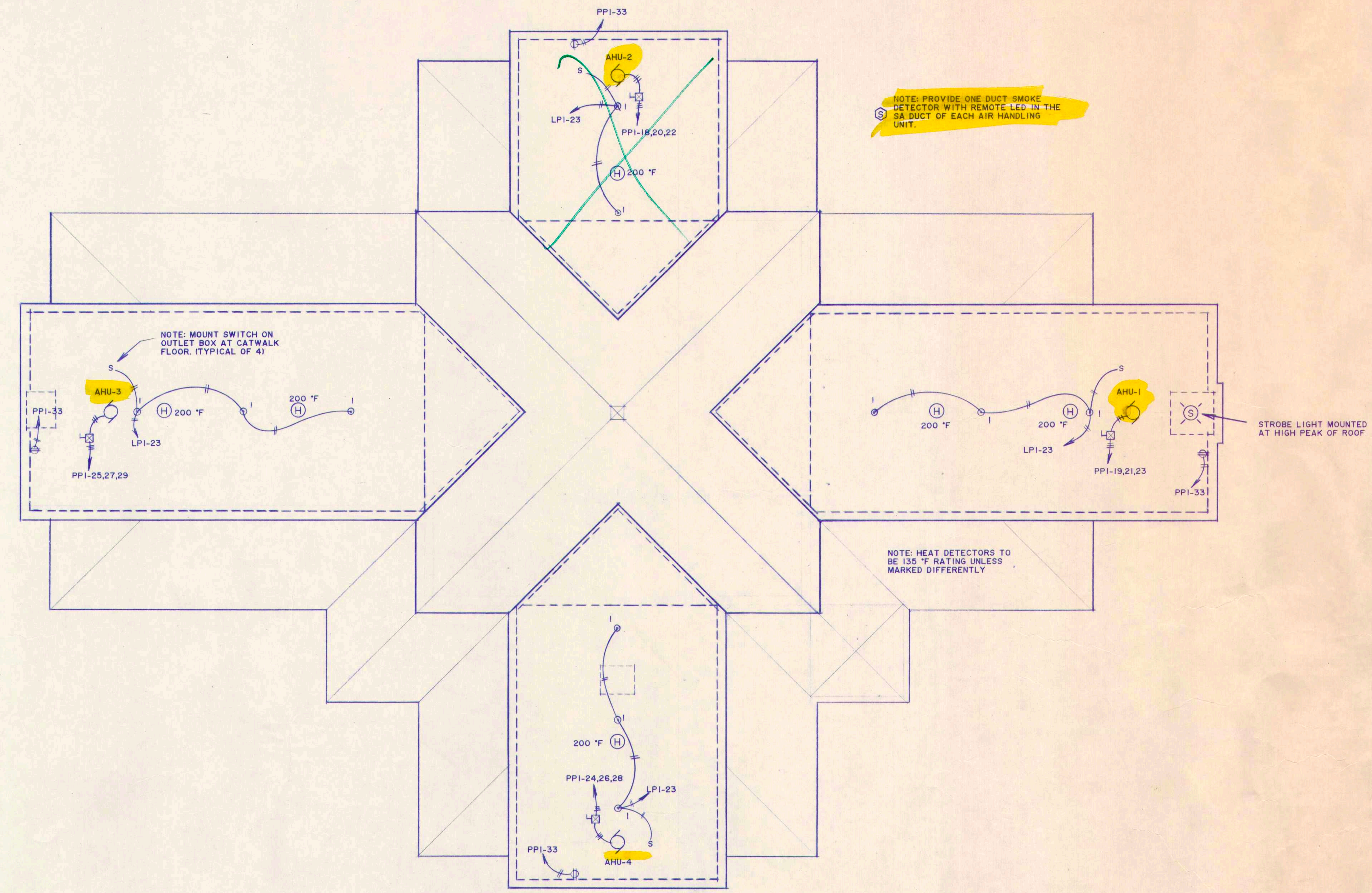


ZONE #1: ATTIC HEAT DETECTORS
ZONE #2: DUCT SMOKE DETECTORS
ZONE #3: MULTIPURPOSE AREA
ZONE #4: STAFF AREA
ZONE #5: ADULTS & BOOKSTACKS
ZONE #6: CHILDREN'S AREA

NOTE: CLASS B FIRE ALARM BASE BID SYSTEM SHOWN. CLASS A SYSTEM ALTERNATE #2.

FIRE ALARM RISER DIAGRAM

NTS



NOTE: PROVIDE ONE DUCT SMOKE DETECTOR WITH REMOTE LED IN THE SA DUCT OF EACH AIR HANDLING UNIT.

NOTE: HEAT DETECTORS TO BE 135 °F RATING UNLESS MARKED DIFFERENTLY

ATTIC PLAN

1/8" = 1'- 0"

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ATTIC POWER & LIGHTING

E3

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ARCHITECTS
ONE MASSACO PLACE · SIMSBURY · CT 06070

PANEL PP1

Square D Type NQOB Surface 3Ø4W 120/208V. 100 Amp Main LUGS

CKT	Trip	Pole	Remarks	CKT	Trip	Pole	Remarks
1	20	1	Receptacles	2	20	1	Receptacles
3	20	1	Receptacles	4	20	1	Receptacles
5	20	1	Receptacles	6	20	1	Receptacles
7	20	1	Receptacles	8	20	1	Receptacles
9	20	1	Receptacles*	10	20	1	Receptacles*
11	20	1	Boiler	12	20	1	Pump P1
13	20	1	Pump P2	14	20	2	Ht Wtr Htr #1
15	20	2	Ht Wtr Htr #2	16	↓	↓	↓
17	↓	↓	↓	18	15	3	AHU-2
19	15	3	AHU-1	20	↓	↓	↓
21	↓	↓	↓	22	↓	↓	↓
23	↓	↓	↓	24	15	3	AHU-4
25	30	3	AHU-3	26	↓	↓	↓
27	↓	↓	↓	28	↓	↓	↓
29	↓	↓	↓	30	20	1	**PUMP P3**
31	20	1	FACP	32	20	1	**PUMP P5**
33	20	1	Receptacles	34	20	1	**PUMP P4**
35	20	1	**WTR. COOLER**	36	**20**	**1**	**COPY MACHINE**
37	**20**	**1**	**SPARE**	38	--	--	Space
39	--	--	Space	40	--	--	Space
41	--	--	Space	41	--	--	Space

* Ground Fault Indicated

PANEL LP1

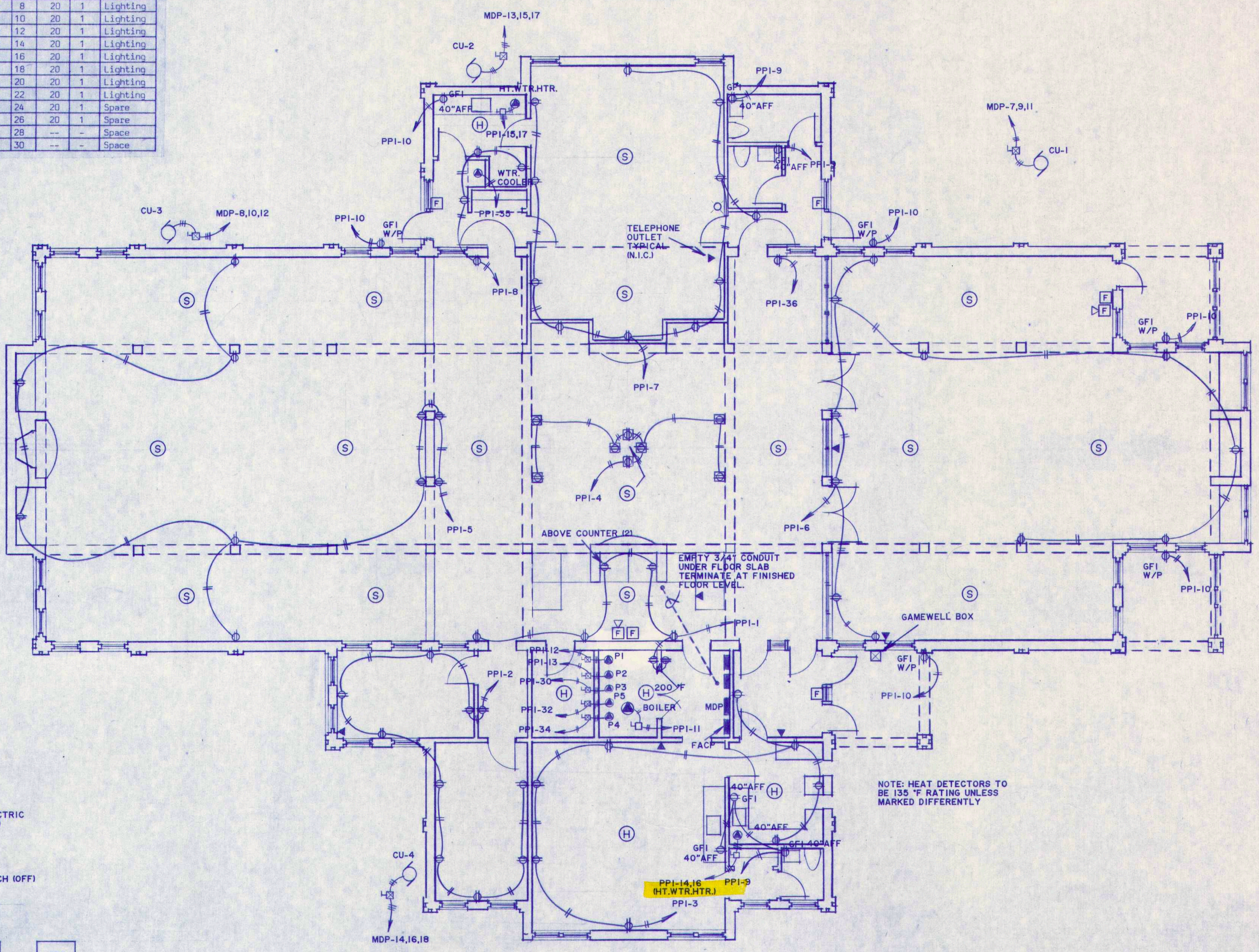
Square D Type NQOB Surface 3Ø4W 120/208V. 100Amp Main **LUGS**

CKT	Trip	Pole	Remarks	CKT	Trip	Pole	Remarks
1	20	1	Lighting	2	20	1	Lighting
3	20	1	Lighting	4	20	1	Lighting
5	20	1	Lighting	6	20	1	Lighting
7	20	1	Lighting	8	20	1	Lighting
9	20	1	Lighting	10	20	1	Lighting
11	20	1	Lighting	12	20	1	Lighting
13	20	1	Lighting	14	20	1	Lighting
15	20	1	Lighting	16	20	1	Lighting
17	20	1	Lighting	18	20	1	Lighting
19	20	1	Lighting	20	20	1	Lighting
21	20	1	Lighting	22	20	1	Lighting
23	20	1	Lighting	24	20	1	Spare
25	20	1	Spare	26	20	1	Spare
27	--	-	Space	28	--	-	Space
29	--	-	Space	30	--	-	Space

PANEL MDP

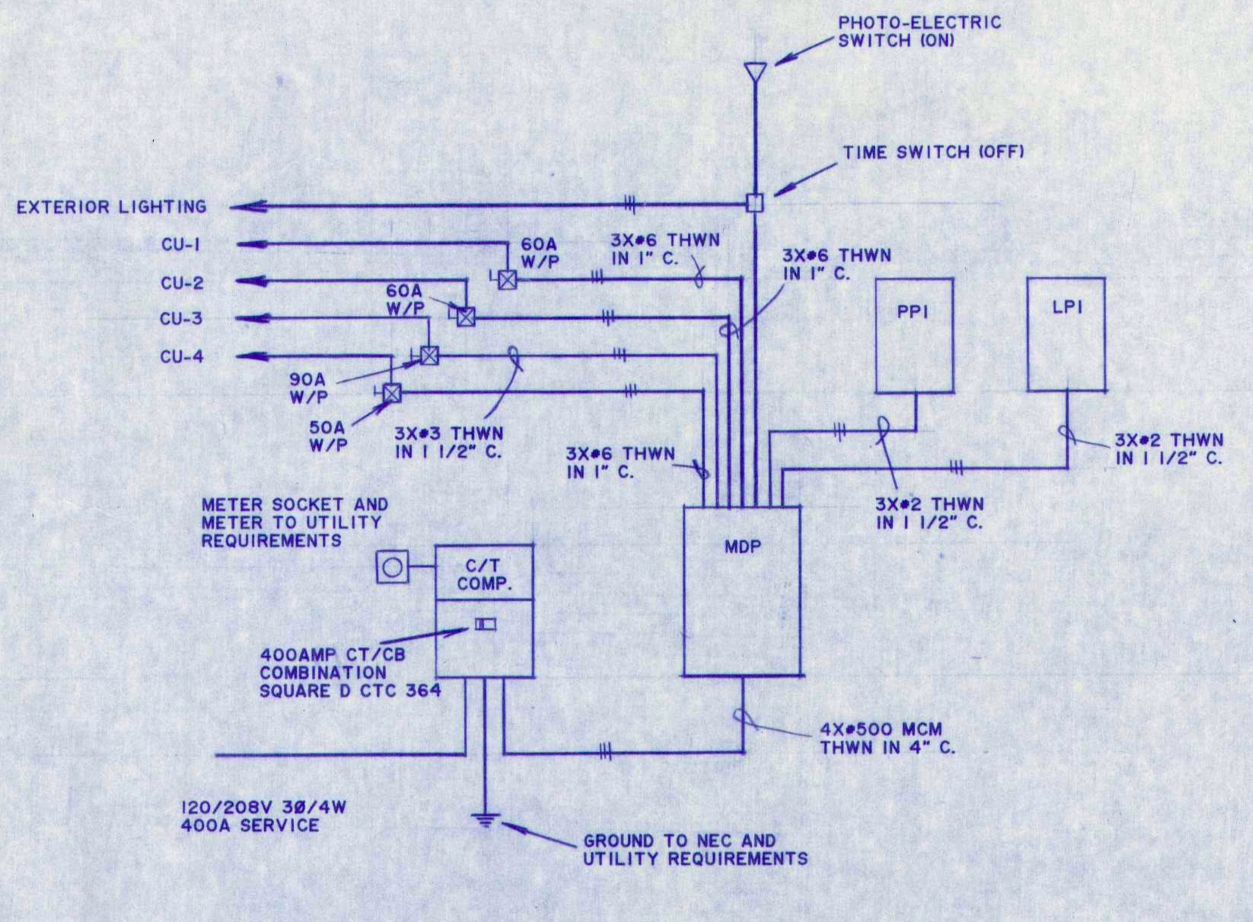
Square D Type NQOB Surface 3Ø4W 120/208V. 400 Amp Main Lugs

CKT	Trip	Pole	Remarks	CKT	Trip	Pole	Remarks
1	100	3	Panel LP1	2	100	3	Panel PP1
3	↓	↓	↓	4	↓	↓	↓
5	↓	↓	↓	6	↓	↓	↓
7	60	3	CU-1	8	90	3	CU-3
9	↓	↓	↓	10	↓	↓	↓
11	↓	↓	↓	12	↓	↓	↓
13	60	3	CU-2	14	50	3	CU-4
15	↓	↓	↓	16	↓	↓	↓
17	↓	↓	↓	18	↓	↓	↓
19	20	2	Lighting	20	20	1	Spare
21	↓	↓	↓	22	20	1	Spare
23	-	-	Space	24	-	-	Space
25	-	-	Space	26	-	-	Space
27	-	-	Space	28	-	-	Space
29	-	-	Space	30	-	-	Space



FLOOR PLAN

1/8" = 1'- 0"



RISER DIAGRAM

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FIRST FLOOR POWER

E2

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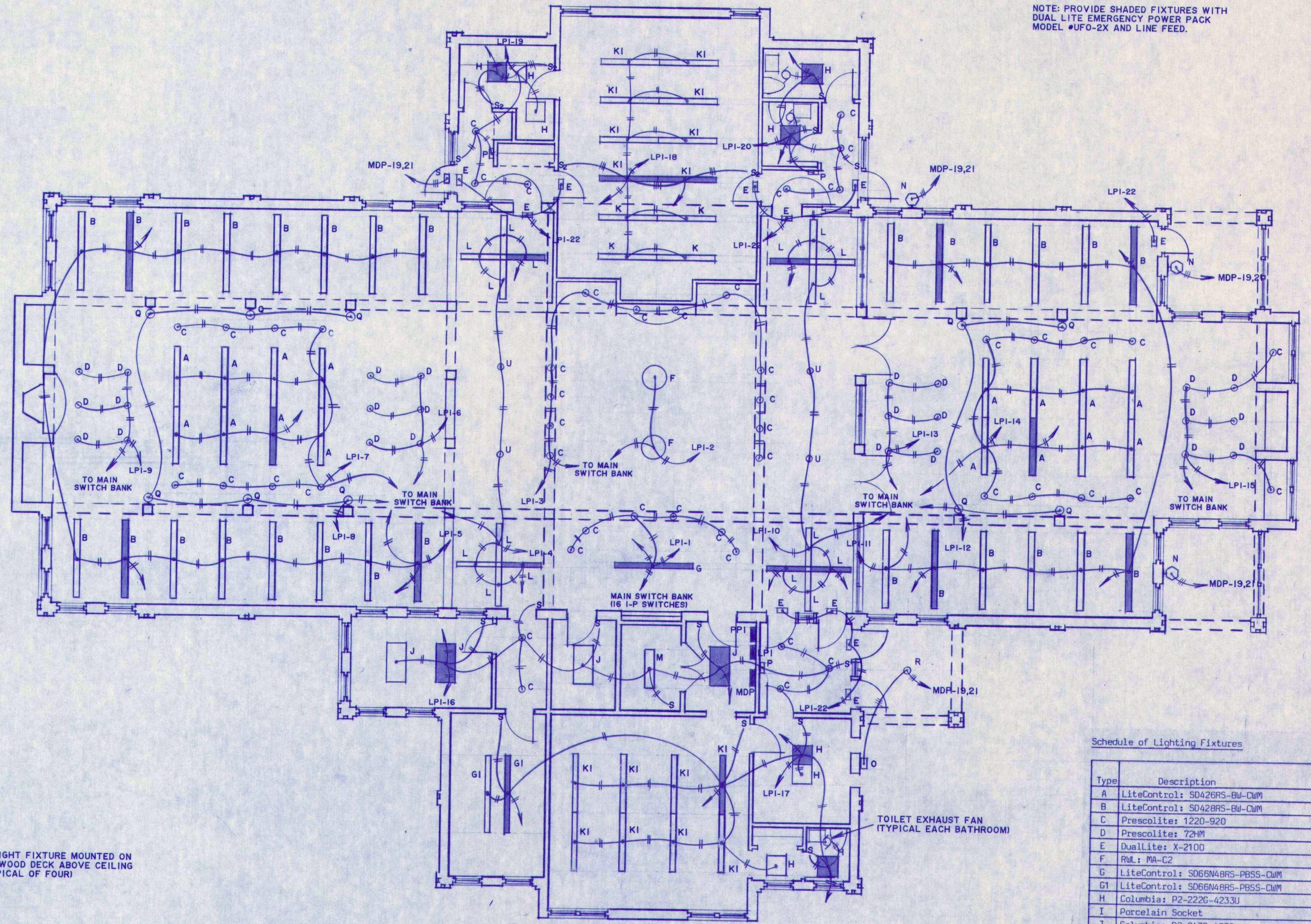
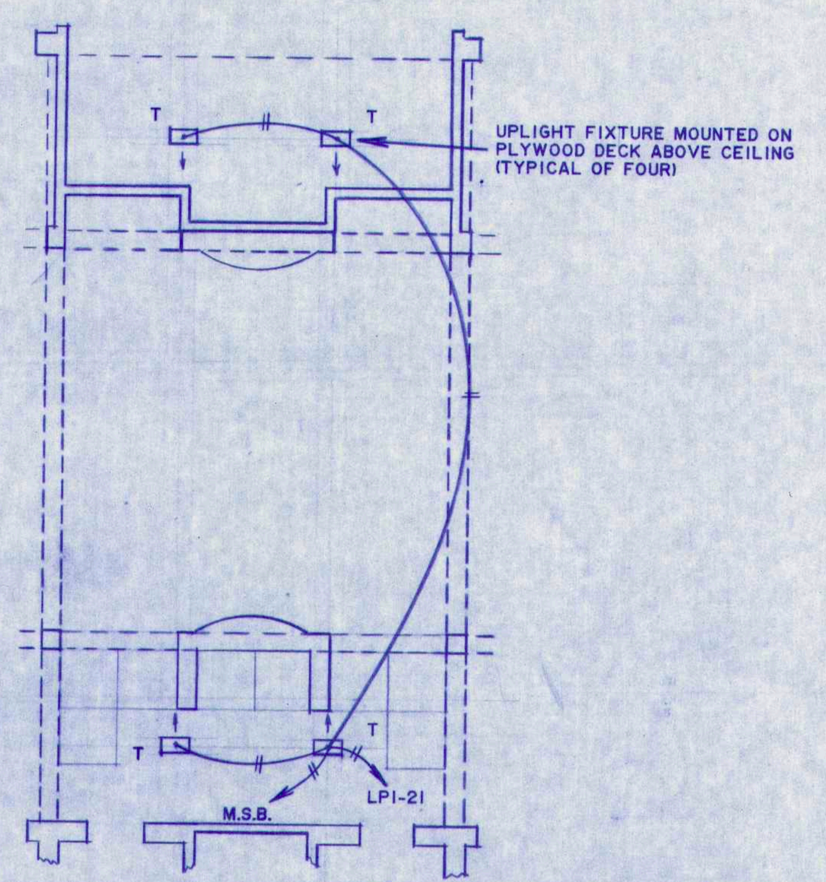
NOTE: PROVIDE SHADED FIXTURES WITH DUAL LITE EMERGENCY POWER PACK MODEL #UFO-2X AND LINE FEED.



FLOOR PLAN

1/8" = 1'- 0"



PART PLAN: ADULT READING

1/8" = 1'- 0"

Schedule of Lighting Fixtures

Type	Description	Lamp	Mounting	Diffuser/Reflector	Remarks
A	LiteControl: SD426RS-BW-CWM	2-F30	Pendant	Blade Baffle	----
B	LiteControl: SD428RS-BW-CWM	2-F40	Surface	Blade Baffle	----
C	Prescolite: 1220-920	1-150WR40	Recessed	Milligroove Baffle	----
D	Prescolite: 72HM	1-250W T-4	Recessed	Milligroove Baffle	----
E	DualLite: X-2100	2-15T6	Surface	Red Stencil	----
F	RWL: MA-C2	4-150W A19	Pendant	White Acrylic	Supplied by Owner
G	LiteControl: SD66N48RS-PBSS-CWM	4-F40RS	Surface	Parabolic Baffle	----
G1	LiteControl: SD66N48RS-PBSS-CWM	4-F40RS	Pendant	Parabolic Baffle	----
H	Columbia: P2-222G-4233U	2-FB40/6	Recessed	Parabolic	----
I	Porcelain Socket	1-75WA19	Surface	None	----
J	Columbia: P2-243G-4236	3-F40	Recessed	Parabolic	----
K	LiteControl: SD66N46RS-PBSS-CWM	4-F30RS	Surface	Parabolic Baffle	----
K1	LiteControl: SD66N46RS-PBSS-CWM	4-F30RS	Pendant	Parabolic Baffle	----
L	LiteControl: SD66N24RS-PBSS-CWM	2-F40RS	Pendant	Parabolic Baffle	Cross Connector
M	DayBrite: V11240-4	2-F40RS	Surface	Acrylic	----
N	Architectural Area: ALN440C-BKT-70HPS-208-BLE	1-70W HPS	Surface	Acrylic	----
O	Architectural Area: ALS176D-100SO	1-100W A19	Surface	Acrylic	----
P	DualLite: FL-2	1-7W	Surface	Acrylic	Normally Off
Q	Visa: CB1475	1-100W A19	Surface	Prismatic Glass	Supplied by Owner
R	Kurt Versen: V7152-70277-DL	1-70W HPS	Recessed	Ridged Baffle	----
S	Stonco: WPS35HLXL	1-35W HPS	Surface	Lexan	----
T	Elliptipar: 175WMH-4443-Y-120V	1-175WMH	Surface	Glass	----
U	Kurt Versen: L174-P4	1-250W T4	Pendant	Ridged Baffle	

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FIRST FLOOR LIGHTING

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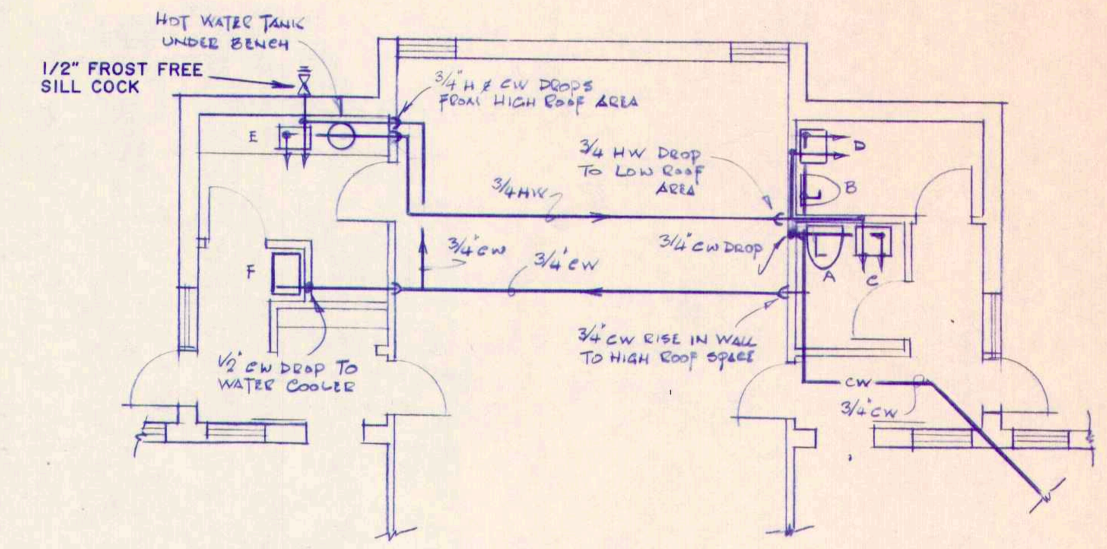


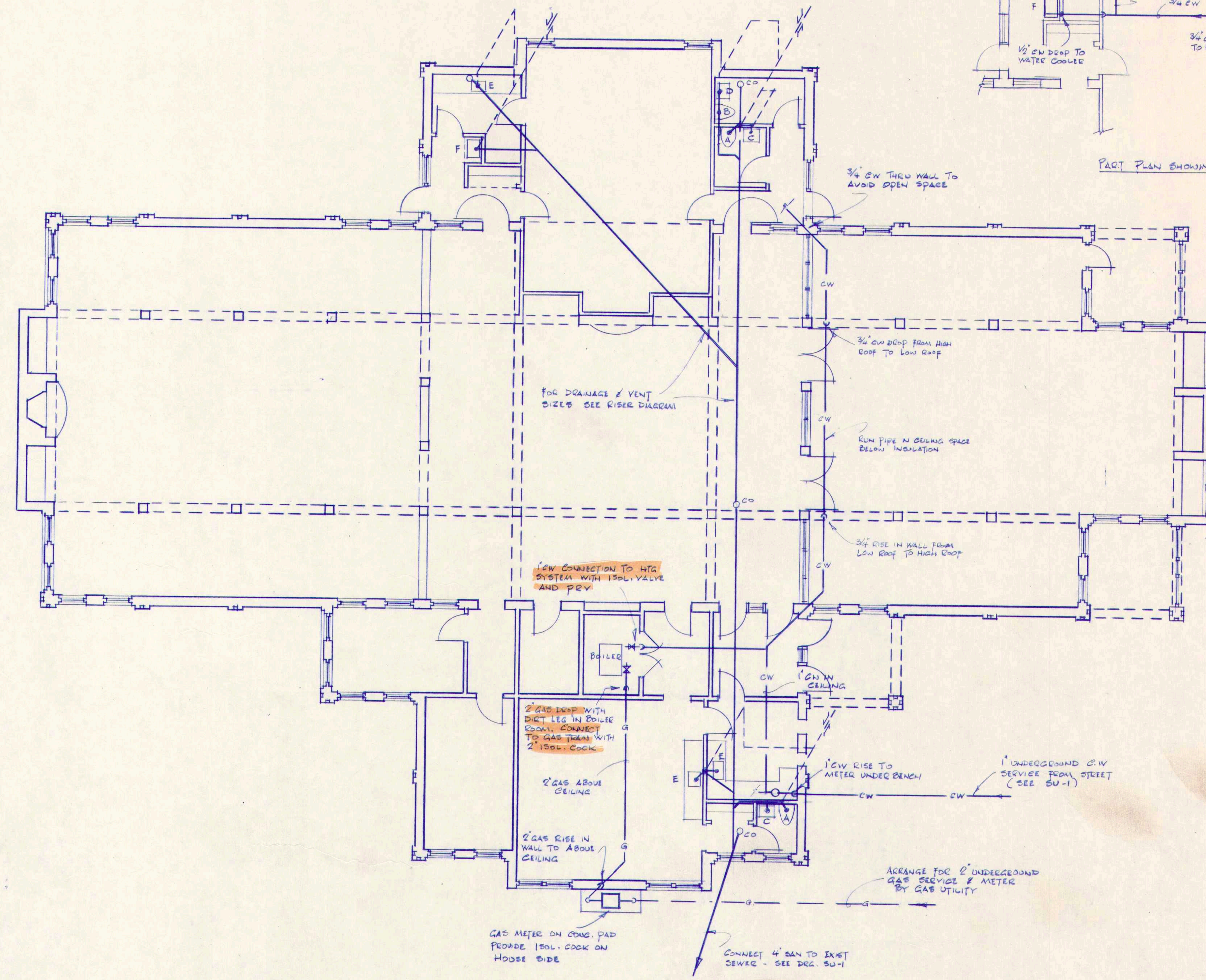
PART PLAN SHOWING HOT & COLD WATER

HOT WATER HEATERS

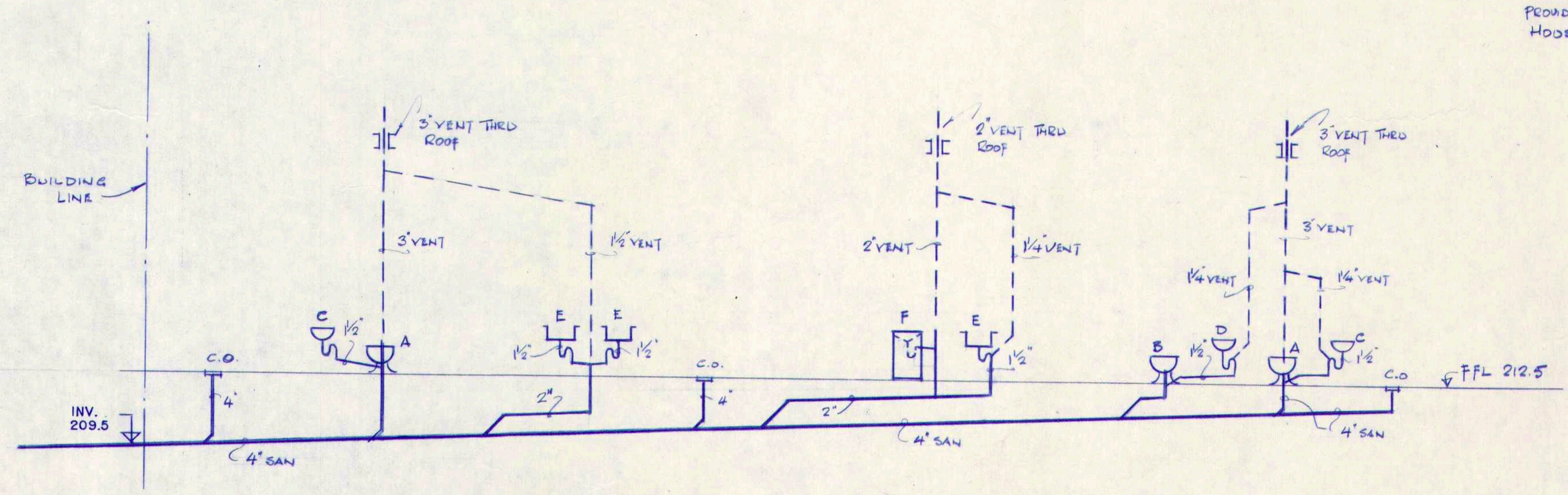
Description	Capacity	KW Input
A.O. Smith: DSE-20	20 Gallons	3.0

Plumbing Fixture Schedule

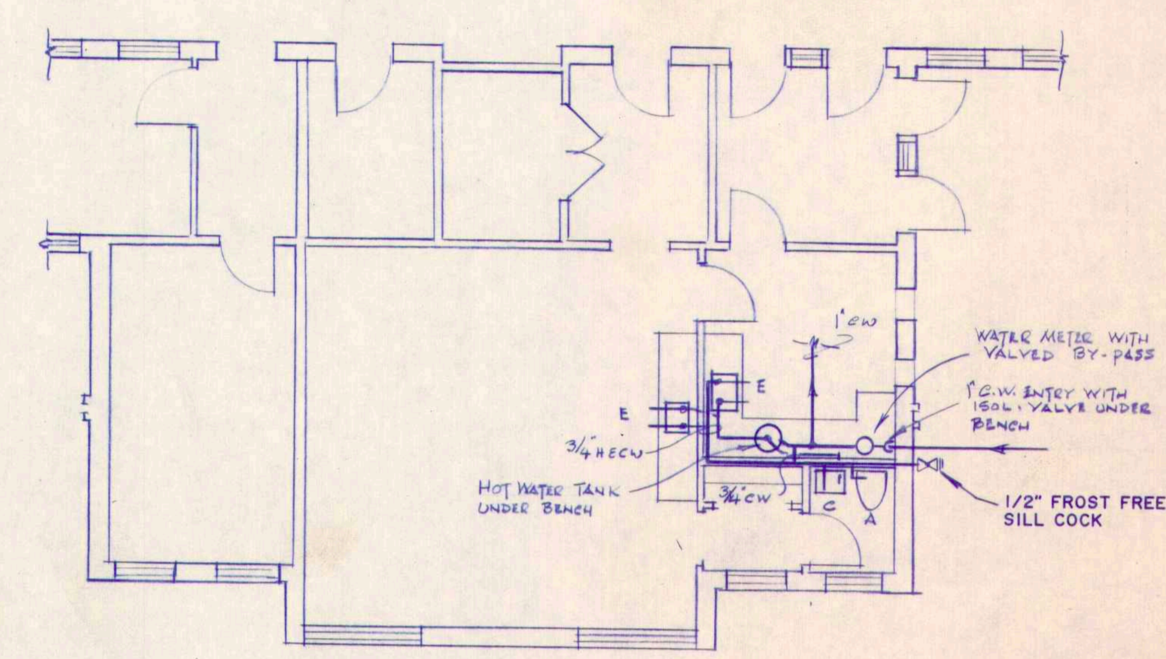
#	TYPE	Connections			
		Drain	Vent	HW.	CW.
A	**Water Closet** American Standard 2122.453 water **saver Cadet** toilet - white with Church seat.	4"	--	--	½"
B	**Water Closet** American Standard 2108.408 water **saver Cadet** H.C. toilet-White with church seat	4"	--	--	½"
C	Lavatory basin American Standard Lucerne 0355.012 white with concealed arms and Delta faucet set 2520 MPU	1½"	--	½"	½"
D	Lavatory basin American Standard handicapped type 9141.011 with Delta faucet set 2520 HDF with 4" blade handles	1½"	1¼"	½"	½"
E	Elkay stainless steel sink self rimming type LR2219 with Delta faucet set 2400 HDF and drain outlet fitting with rubber stopper	1½"	1¼"	½"	½"
F	Haws handicapped water cooler model HWC8	1¼"	1¼"	--	½"



FLOOR PLAN



DRAINAGE RISER DIAGRAM (NTS)



PART PLAN SHOWING HOT & COLD WATER

DATE: 1/21/88
DRAWN BY: BS
PROJECT NUMBER: 8635

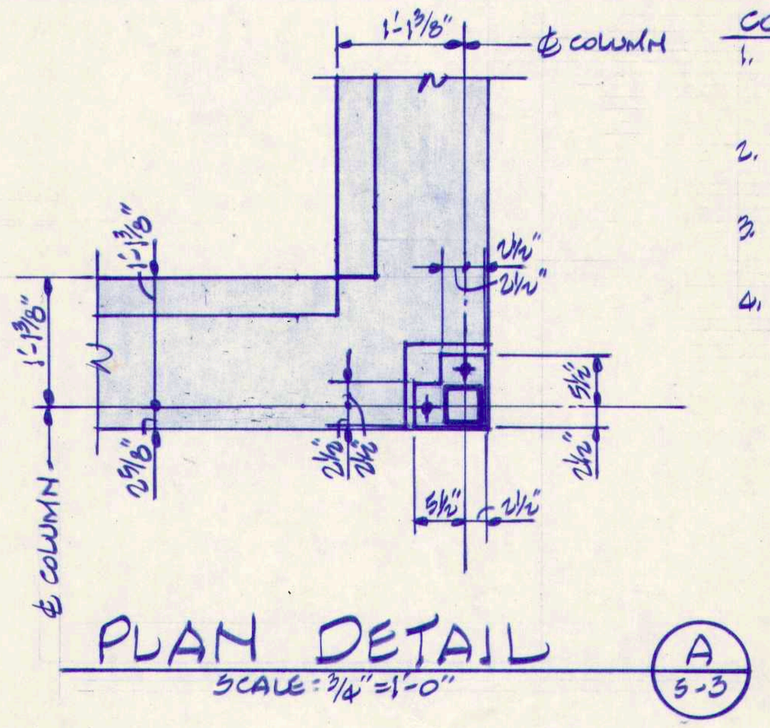
PLUMBING & DRAINAGE

P1

SCHOENHARDT ARCHITECTS
ONE MASSACO PLACE · SIMSBURY · CT 06070 203 658-4496

COLUMN SCHEDULE

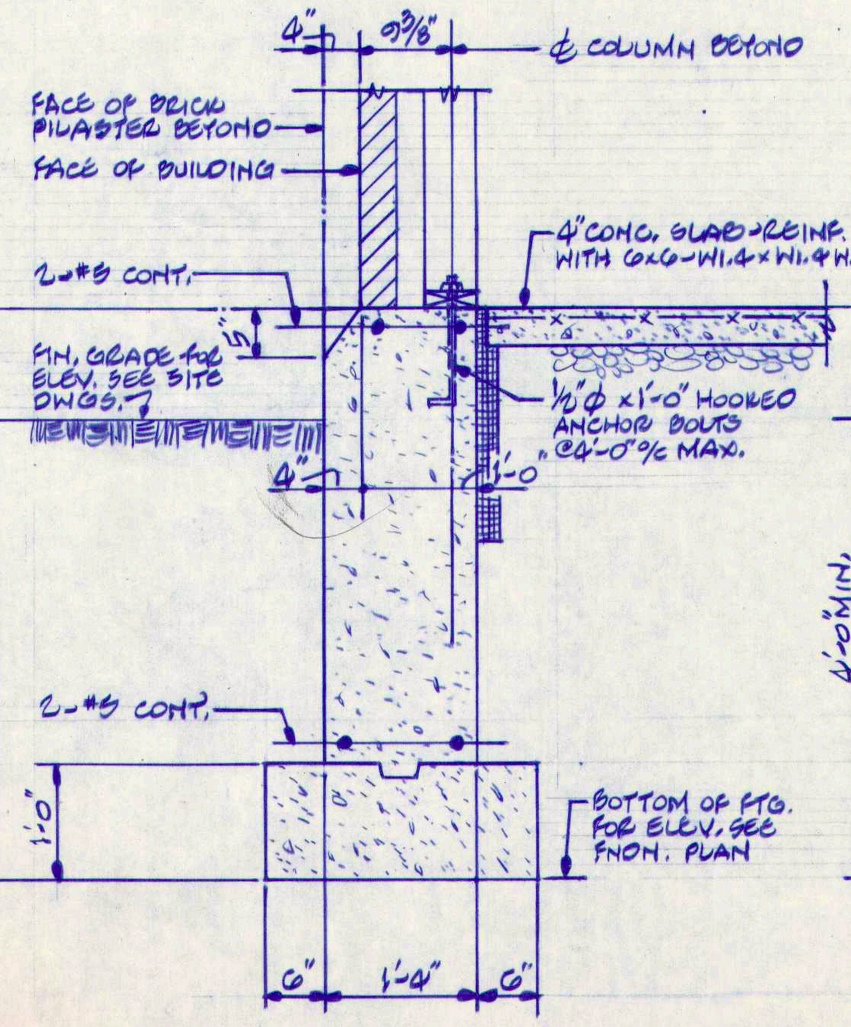
LEVEL \ COL. No	A	B	C	C	D	D	D	D	D	E	F	G	G	G	G	G	H	H	H	J	K	L
	5&6	5&6	4&7	5&6	1&9	2&8	3	4&7	5&6	4&7	4&7	1&9	2&8	3	4&7	5&6	4	5&6	7	5&6	5&6	5&6
TOP OF STEEL ELEV. 226'-4"	7 5/8"	7 5/8"	5 5/8"	2 5/8"	7 5/8"	7 5/8"	7 5/8"	7 5/8"	5'-11 3/4"	7 5/8"	7 5/8"	7 5/8"	7 5/8"	7 5/8"	7 5/8"	5'-11 3/4"	5 5/8"	2 5/8"	5 5/8"	7 5/8"	7 5/8"	7 5/8"
TOP OF PLATE ELEV. 221'-6" (4'-10") / FIN. FLOOR ELEV. 212'-6" (9'-0")	T.S. 4"x4"x.250"	T.S. 4"x4"x.250"	T.S. 4"x4"x.250"	T.S. 4"x4"x.250"	T.S. 4"x4"x.250"	T.S. 4"x4"x.250"	T.S. 4"x4"x.250"	T.S. 4"x4"x.250"	T.S. 4"x4"x.250"	T.S. 4"x4"x.250"	T.S. 4"x4"x.250"	T.S. 4"x4"x.250"	T.S. 4"x4"x.250"	T.S. 4"x4"x.250"	T.S. 4"x4"x.250"	T.S. 4"x4"x.250"	T.S. 4"x4"x.250"	T.S. 4"x4"x.250"	T.S. 4"x4"x.250"	T.S. 4"x4"x.250"	T.S. 4"x4"x.250"	T.S. 4"x4"x.250"
	6 3/4"	6 3/4"	3 3/4"	6 3/4" (TYP.)														6 3/4"	6 3/4"	6 3/4"	6 3/4"	6 3/4"
CAP PLATE	S.P.	S.P	S.P.	5"x3/4"x8" OFFSET	S.P.	S.P.	S.P.	S.P.	5"x3/4"x8" OFFSET	S.P.	S.P.	S.P.	S.P.	S.P.	S.P.	5"x3/4"x8" OFFSET	S.P.	5"x3/4"x8" OFFSET	S.P.	S.P.	S.P.	S.P.
BASE PLATE	SEE PLAN DET. 'A'/S-3	5"x3/4"x10"	SEE PLAN DET. 'A'/S-3	5"x3/4"x10"	5"x3/4"x10"	5"x3/4"x10"	5"x3/4"x10"	5"x3/4"x10"	5"x3/4"x10"	5"x3/4"x10"	5"x3/4"x10"	5"x3/4"x10"	5"x3/4"x10"	5"x3/4"x10"	5"x3/4"x10"	5"x3/4"x10"	5"x3/4"x10"	5"x3/4"x10"	SEE PLAN DET. 'A'/S-3	5"x3/4"x10"	5"x3/4"x10"	SEE PLAN DET. 'A'/S-3



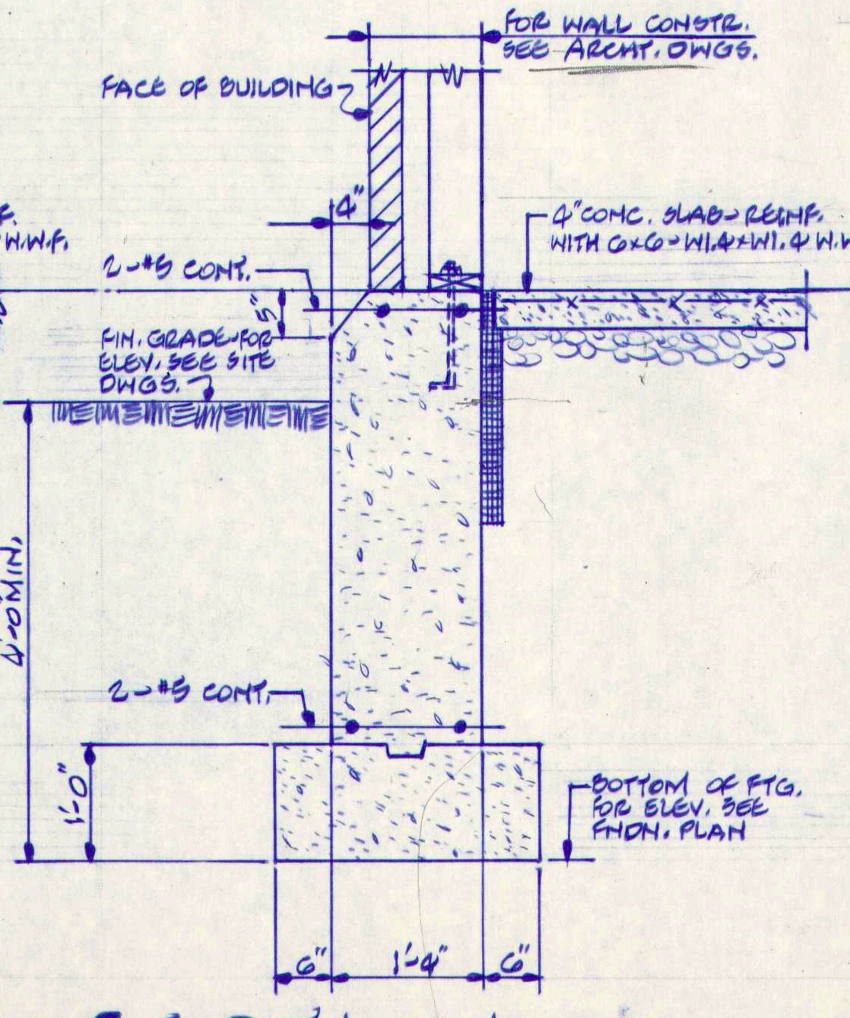
PLAN DETAIL (A / S-3)
SCALE: 3/4"=1'-0"

COLUMN SCHEDULE NOTES:

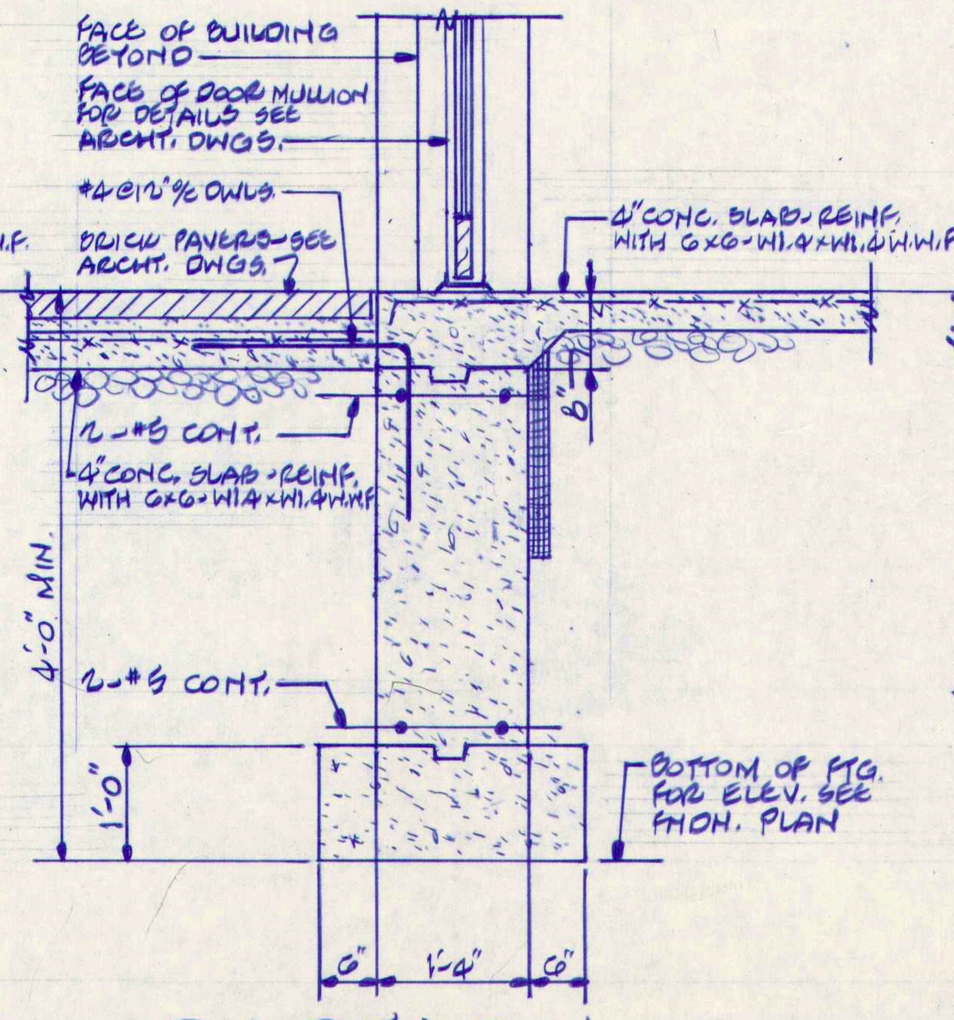
1. AT EACH COLUMN PROVIDE A 1/4" THICK LEVELING PLATE, SAME SIZE AS COLUMN BASE PLATE ON MIN. 1" NON-SHRINK GROUT PAD & 2-3/4"ϕ x1'-6"+3" HOOKED ANCHOR BOLTS.
2. ALL DIMENSIONS SHOWN ARE GIVEN TO TOP OF CAP PLATES & TO BOTTOM OF BASE PLATES.
3. S.P. INDICATES 3/8" CAP & SIDE PLATE WOOD BEAM SADDLE WITH 1/2"ϕ THRU BOLTS @ SIDES & 3/8"ϕ LAG BOLTS @ BOTTOM.
4. WHERE WOOD BEAM FRAME INTO STEEL BEAM AND/OR COLUMN PROVIDE CONNECTION ANGLE FOR SUPPORT OF WOOD BEAM.



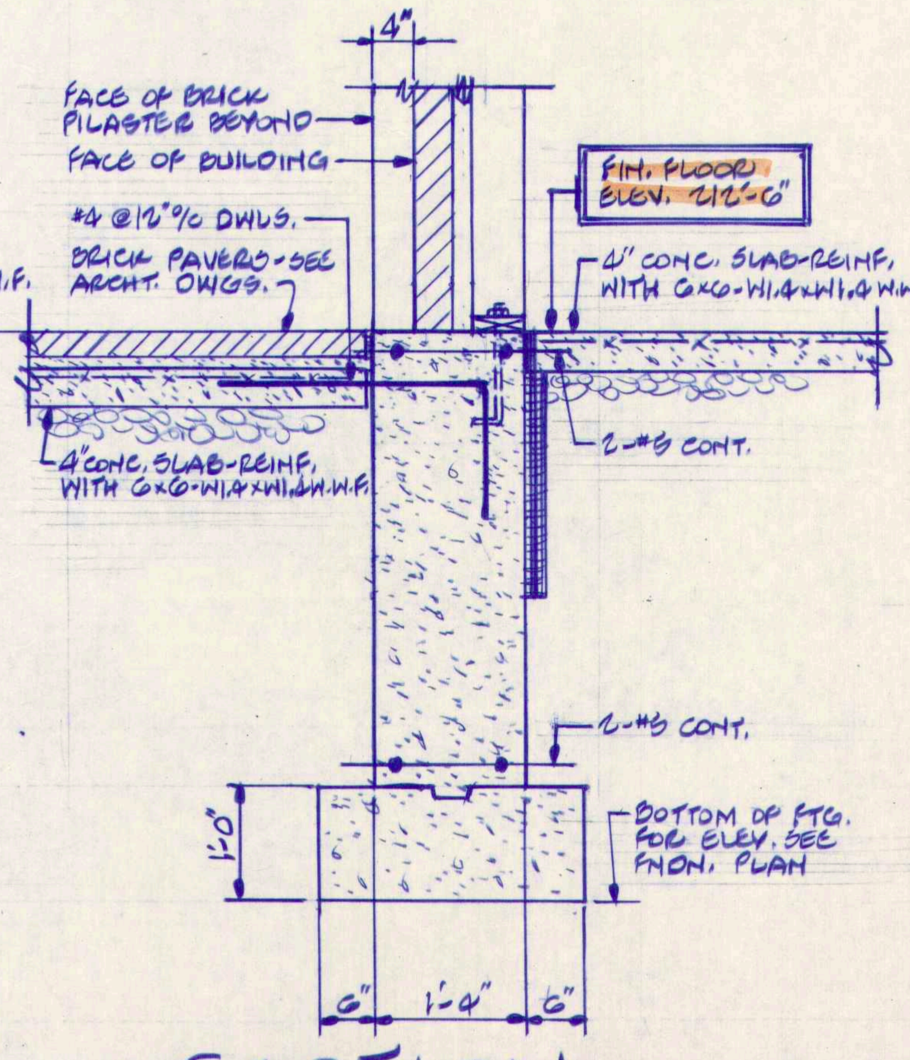
SECTION (F1 / S-3)
SCALE: 3/4"=1'-0"



SECTION (F2 / S-3)
SCALE: 3/4"=1'-0"



SECTION (F3 / S-3)



SECTION (F4 / S-3)

STRUCTURAL GENERAL NOTES

A. DESIGN AND LOADING

1. Allowable unit stresses and design criteria in accordance with the following:
   a) "Building Code Requirements for Reinforced Concrete" ACI 318-83.
   b) "Specifications for the Design, Fabrication and Erection of Structural Steel for Buildings" AISC 1978.
   c) "Commonwealth of Massachusetts - Basic Building Code" Latest Edition
2. Live Load:
   a) Roof Loads - Snow — 40 PSF
3. Allowable presumptive soil bearing pressure: — 1.5 Tons/SF
4. Design Stresses and Material:
   a) Concrete (28-day strength, normal weight) — 3,000 PSI
   b) Reinforcing Steel — ASTM A-615 Fy = 60 KSI
   c) Welded-Wire — ASTM A-185 Fy = 60 KSI
   d) Structural Steel — ASTM A-36 Fy = 36 KSI
   e) Structural Steel Pipes — ASTM A-53, Grade B, Fy = 35 KSI
   e) Structural Steel Tubes — ASTM A-500, Grade B, Fy = 46 KSI
   f) Bolts: 3/4 - inch diameter — ASTM A-325
   g) Structural Lumber — Douglas Fir No. 2
   i) Laminated Beams (Micro=Lam) Douglas Fir — Fb=2800 PSI, E=2000 KSI

B. FOUNDATION

1. All foundation excavations shall be to required elevation or undisturbed soil. All foundations excavations shall be to sound ground.
2. All foundation excavations shall be inspected and tested to ensure the allowable soil bearing pressure and density of foundation bearing materials.
3. Bottom of exterior footing to be a minimum 4'-0" below finished grade and 1'-6" below existing grade, whichever is deeper.
4. Both sides of foundation walls shall be backfilled simultaneously so as to prevent overturning or lateral movement of walls.

C. CONCRETE WORK AND REINFORCING

1. All concrete work and material is to be governed by local Building Code and other laws and regulations, including requirements of the American Concrete Institute (ACI) Publications (latest revision).
2. Wall footing are to be 12 inches deep with 6-inch projections, unless otherwise noted.
3. All foundation walls are to be keyed to footings.
4. Pocket walls where necessary for columns, slabs and shelves.
5. Provide minimum of 2 inches cover around column base plates.
6. Reinforcing to be lapped 36 bar diameters at all corners, splices, dowels, etc.
7. Provide two (2) #5 bars on all sides and diagonally at corners of openings through concrete walls. Bars to extend 2'-0" beyond edge of opening.
8. Unless otherwise noted, all foundation walls are to be reinforced with two (2) #5 bars, continous top and bottom.
9. Horizontal wall construction joints will not be permitted, except where shown.
10. Air-entrain all exposed concrete.
11. The General Contractor shall coordinate all requirements, including dimensions and locations, of all openings, embedded items, etc., for Structural Steel, Mechanical and Electrical Trades.
12. Cover for Reinforcing:
    a) Concrete placed on earth — 3"
    b) Formed concrete exposed to ground or weather:
       1) #6 bars or larger — 2"
       2) #5 bars or smaller — 1-1/2"

D. STEEL

1. All structural steel shall be fabricated and erected in accordance with the latest edition of the AISC "Specifications for the Design Fabrication and Erection of Structural Steel for Buildings".
2. All anchor bolts and additional accessory items to be built into concrete or masonry shall be furnished at the proper time for their installation.
3. All columns to be milled or sawed to give full bearing at cap and base plates.
4. Furnish 1/4" leveling plate under all columns. Plates to be same size as column base plates
5. Wherever welding is employed, either in fabrication or erection, all such work shall be done in complete accord with the Specifications of the American Welding Society.
6. Provide shop coat of paint.
7. Submit shop drawings.

E. STRUCTURAL WOOD FRAMING

1. All structural wood framing shall conform to and be erected in accordance with the latest recommendations of the National Design Specifications for wood construction and the American Institute of Timber Construction.
2. Plywood shall be in accordance with the American Plywood Association (APA) specifications.
3. All wood framing in contact with concrete shall be pressure treated.
4. All nails, screws, spikes, etc., to be common steel.
5. Joist hangers, framing angles and clips shall be equal to those manufactured by the Simpson Company, San Leandro, California.
6. Carpentry shall be erected true to lines, levels and dimensions shown or required; shall be squared, aligned and plumbed; securely fastened in place in an approved manner.
7. All joints shall be neatly and accurately made, fitted tight, blocked or otherwise put together so as to avoid opening or rotation.
8. Members of rough woodwork shall be securely fastened together and to supporting construction; nailed, spiked, lag screwed or bolted as required. Provide joist hangers, framing angles and clips to comform with good construction practice and as indicated on drawings.
9. All nailed connections shall be secured in accordance with Commonwealth of Massachusetts Basic Building Code - Nailing Schedule.
10. For bolted connections, drill holes 1/16" larger in diameter than the bolts being used. Drill straight and true from one side only. Bolt threads shall not bear on wood. Use washers under all nuts.
11. For lag-screws and wood screws, pre-bore holes same diameter as root of threads; enlarge holes to shank diameter for length of shank. Screw, do not drive, all lag screws and wood screws.

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DATE: JAN. 15, 1988
DRAWN BY: S.A.L.
PROJECT NUMBER: 8635

COLUMN SCHEDULE & GENERAL NOTES

S-3

SCHOENHARDT ARCHITECTS
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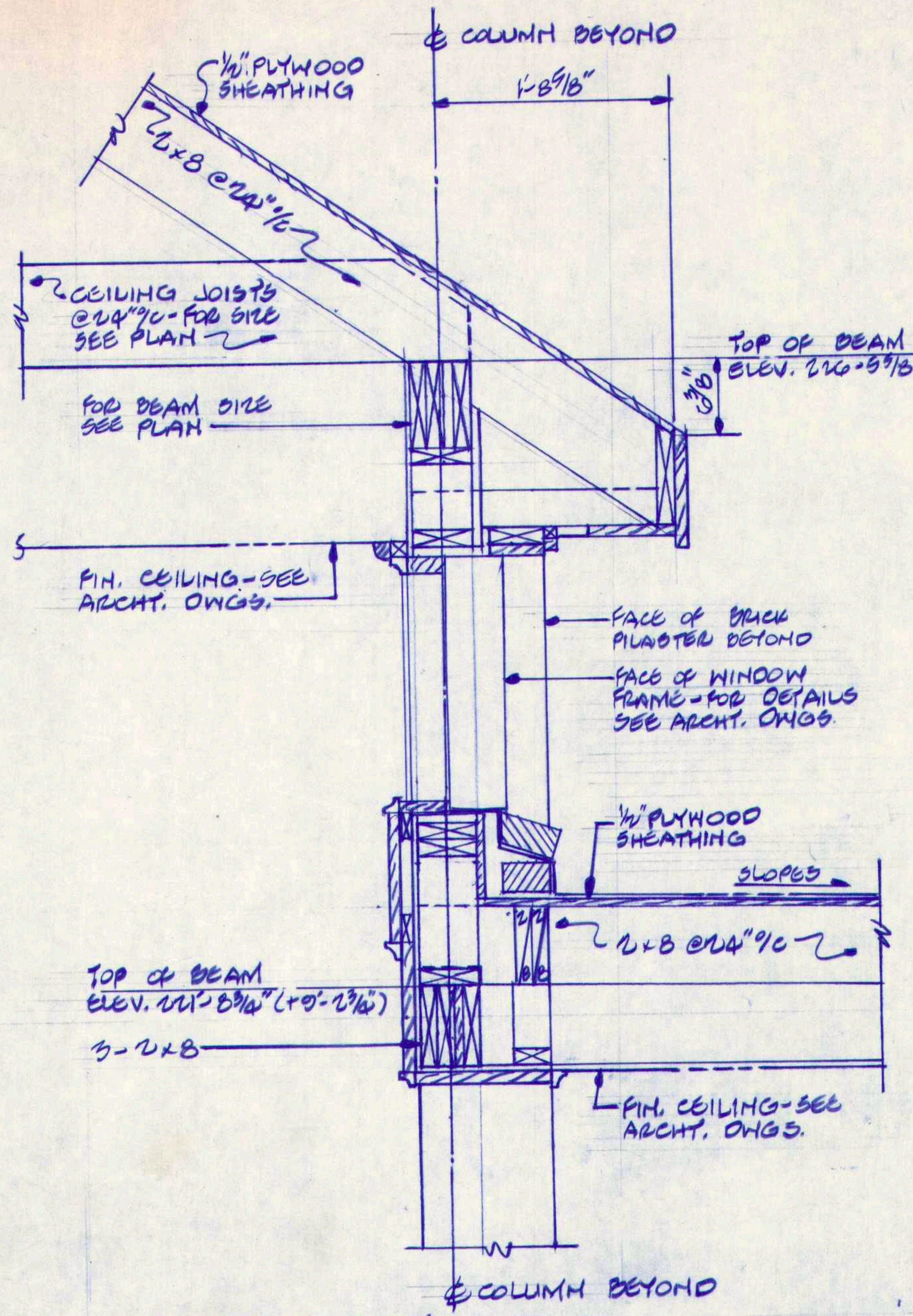
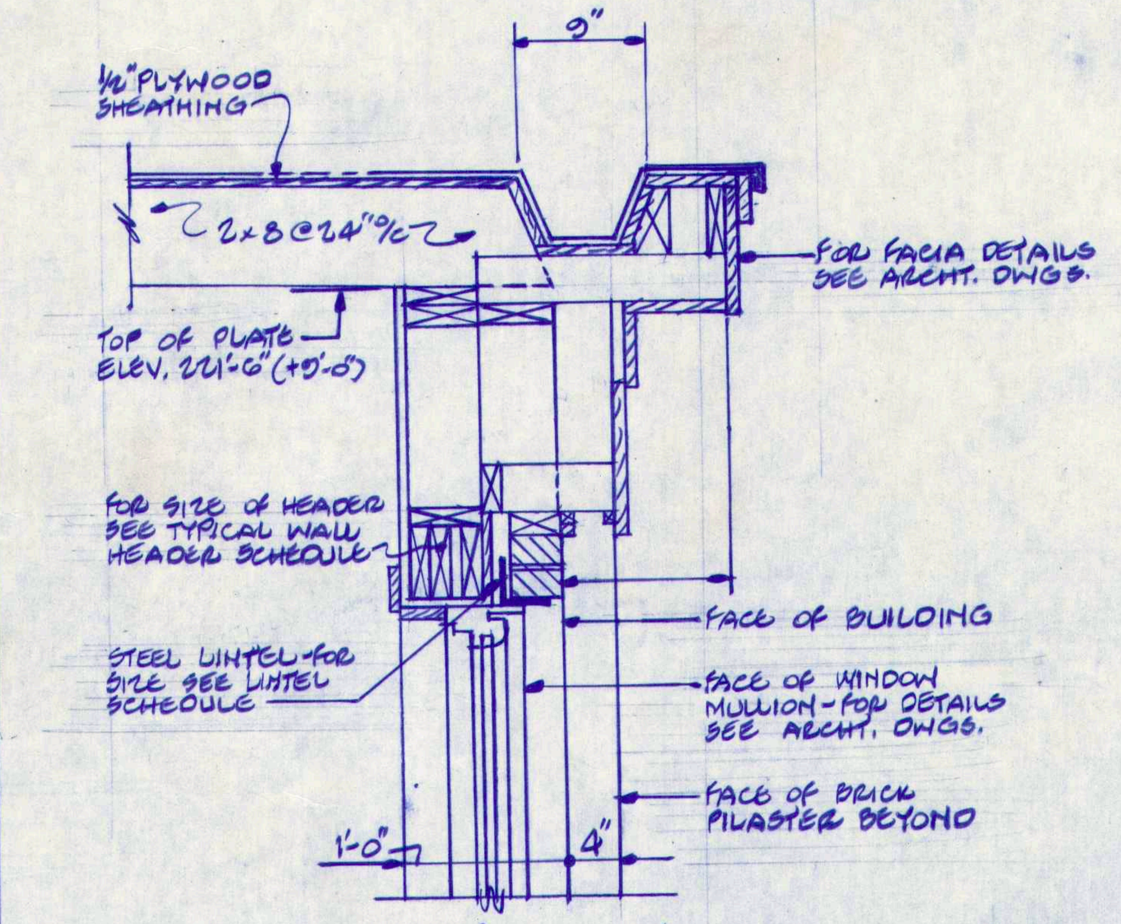


SECTION

SCALE: 1"=1'-0"

R1 / S-3



SECTION

SCALE: 1"=1'-0"

R2 / S-3

TYPICAL WALL HEADER SCHEDULE

MARK	OPENING WIDTH	HEADER SIZE	REMARKS
H-*	6'-0"	3-2x6	
H-*	8'-9"	3-2x8	
H-*	11'-3"	3-2x10	
H-*	13'-8"	3-2x12	

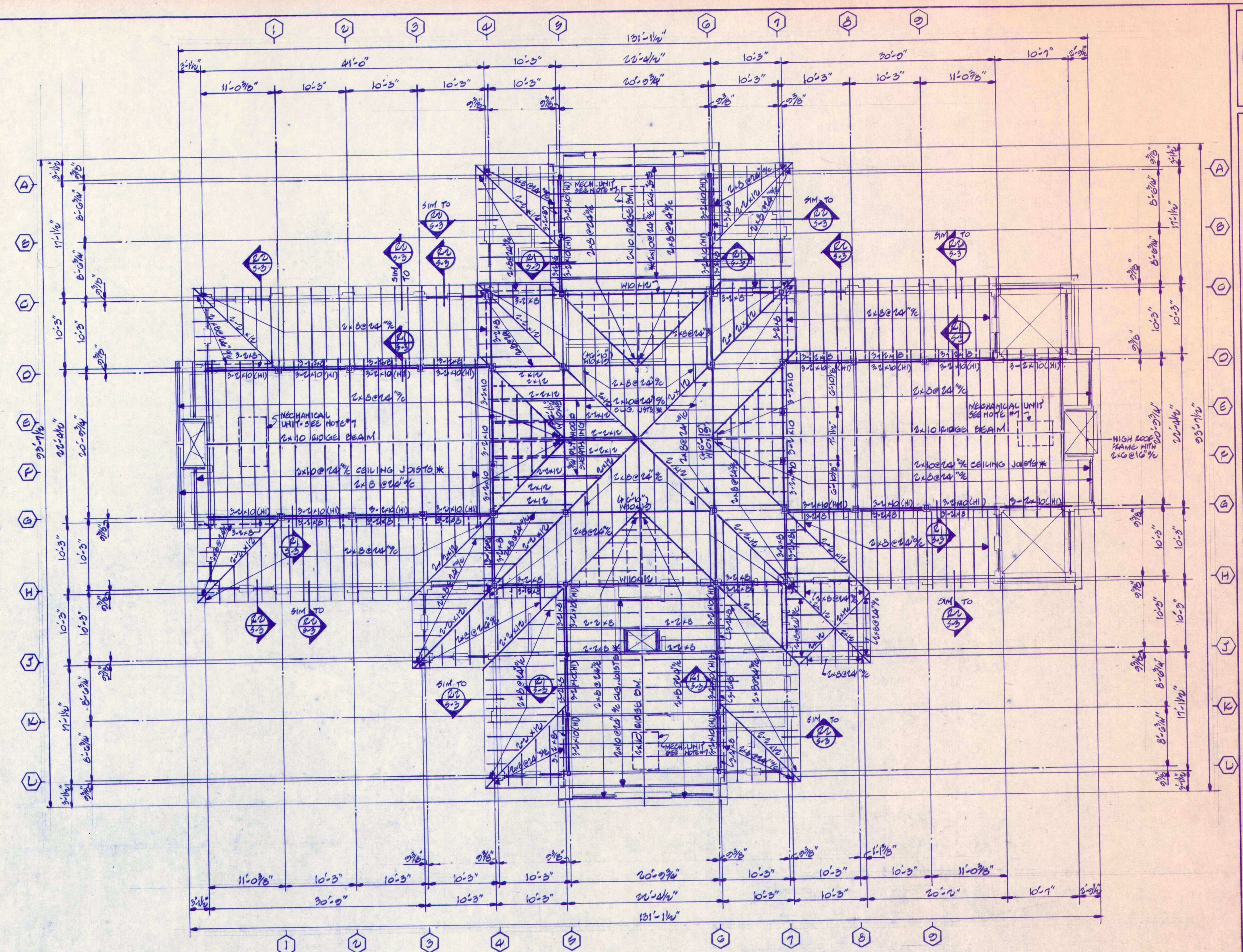
NOTES:

1. SPANS INDICATED ARE MAXIMUM SPANS.
2. PROVIDE CONTINUOUS PLYWOOD FILLER AS REQUIRED.

MASONRY LINTEL SCHEDULE

MARK	SPAN	SIZE	REMARKS
L-*	UP TO 4'-6"	L-3½"x3½"x5/16"	
L-*	4'-6" TO 5'-6"	L-4"x3½"x5/16"	
L-*	5'-6" TO 6'-6"	L-5"x3½"x5/16"	
L-*	6'-6" TO 8'-0"	L-6"x3½"x5/16"	
L-*	8'-0" TO 12'-0"	L-4"x*x5/16"	LAG BOLT TO HEADER @4'-0" o/c MAX.

NOTE:
FOR MASONRY OPENINGS GREATER THAN 8'-0" LAG BOLT LINTEL TO WALL HEADER WITH ½"φ LAG BOLTS @4'-0" o/c MAX. SPACING, PROVIDE MINIMUM 4" VERTICAL LEG (HORIZONTAL LEG AS REQUIRED SEE DRAWINGS.)



ROOF FRAMING PLAN

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

NOTES:

1. TOP OF WALL PLATE SHALL BE AT ELEVATION 221'-6". (9'-0" ABOVE FIN. FLOOR)
2. ROOF SHEATHING SHALL BE ½" PLYWOOD WITH INTERMEDIATE CLIPS, UNLESS NOTED OTHERWISE.
3. ALL MULTIPLE "MICRO-LAMS (M.L.) WOOD BEAMS SHALL BE THRU-BOLTED WITH ½"φ BOLTS @2'-0" o/c TOP & BOTTOM STAGGERED.
4. SEE TYPICAL HEADER SCHEDULE FOR HEADER REQUIREMENTS AT WALL OPENINGS, UNLESS OTHERWISE NOTED.
5. TOP OF STEEL SHALL BE AT ELEVATION 226'-4", UNLESS NOTED (+.....) OR (-.....) INDICATING DISTANCE ABOVE OR BELOW ELEVATION 226'-4" (13'-10" ABOVE FIN. FLOOR)
6. * INDICATES CEILING JOISTS TO BE HUNG AT 3RD POINTS OF SPAN WITH 1x6 WOOD DIAGONALS TO ROOF RAFTERS ABOVE.
7. PROVIDE 2x10 @12" o/c CEILING JOISTS AT MECHANICAL UNITS WITH DOUBLE 2x10 AT EACH UNIT END SUPPORT.
8. WHERE WOOD BEAM FRAMES INTO STEEL BEAM AND/OR COLUMN PROVIDE CONNECTION ANGLE FOR SUPPORT OF WOOD BEAM.

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Plainville, Massachusetts

SZEWCZAK-LADA CONSULTING ENGINEERS
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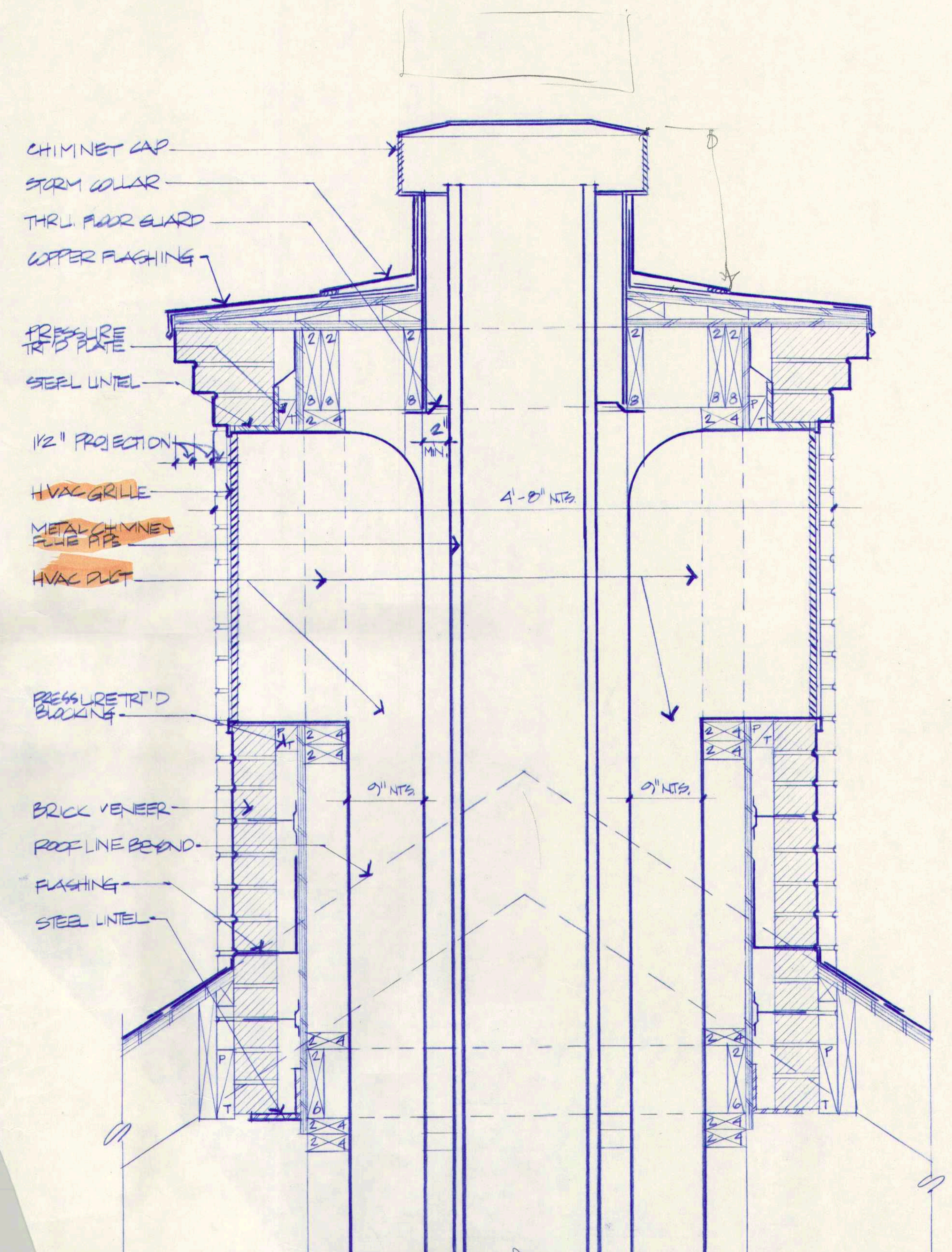
(203) 677-4570

DATE: JAN. 15, 1988
DRAWN BY: S.A.L.
PROJECT NUMBER: 8635

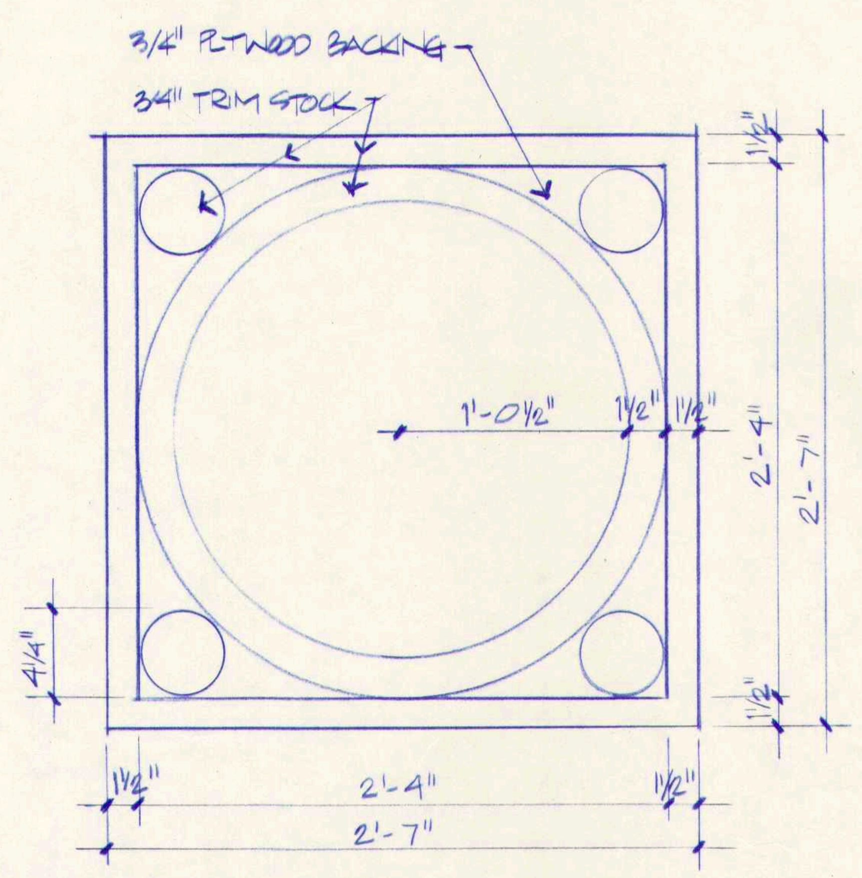
ROOF FRAMING PLAN

S-2

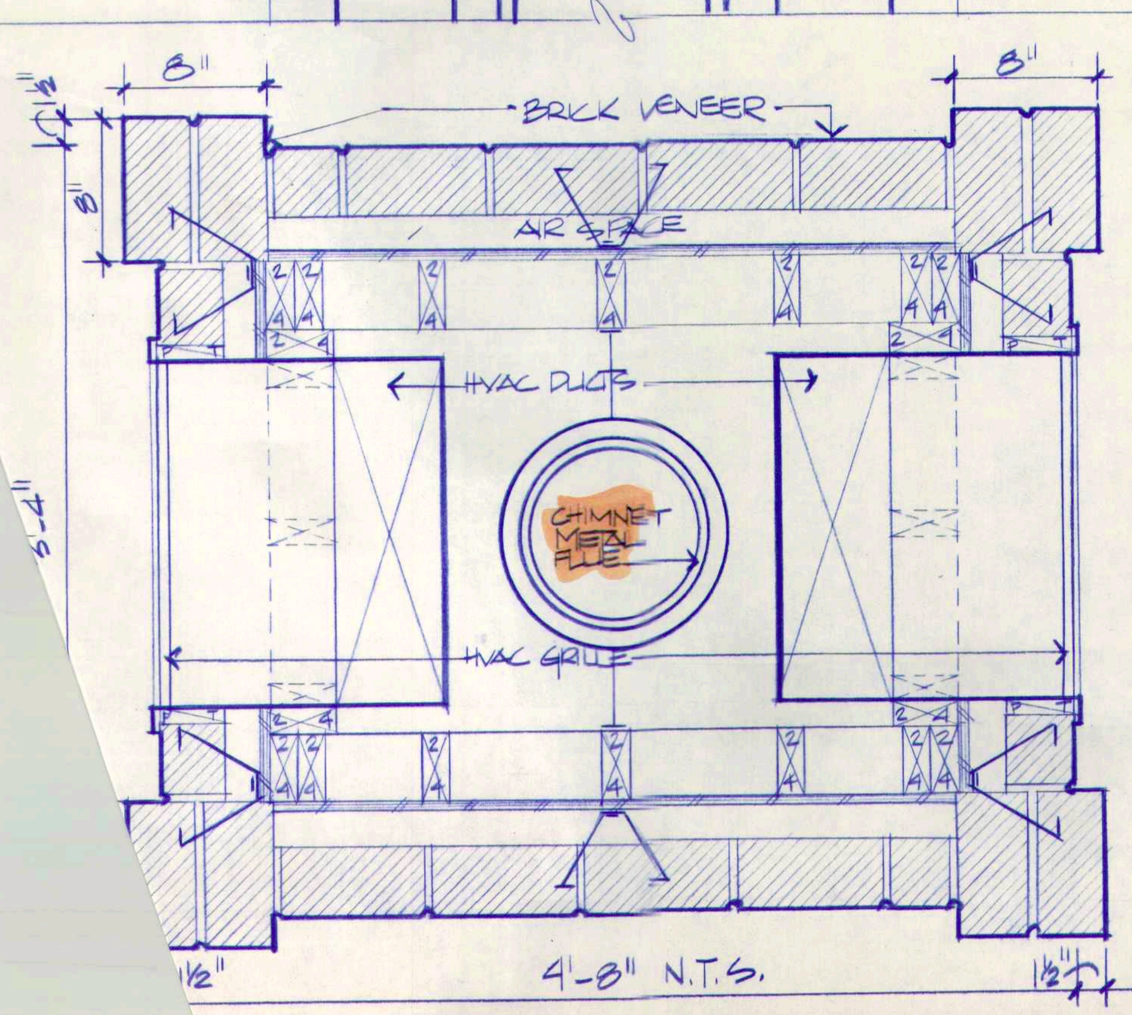
SCHOENHARDT ARCHITECTS INC
203/658-4496



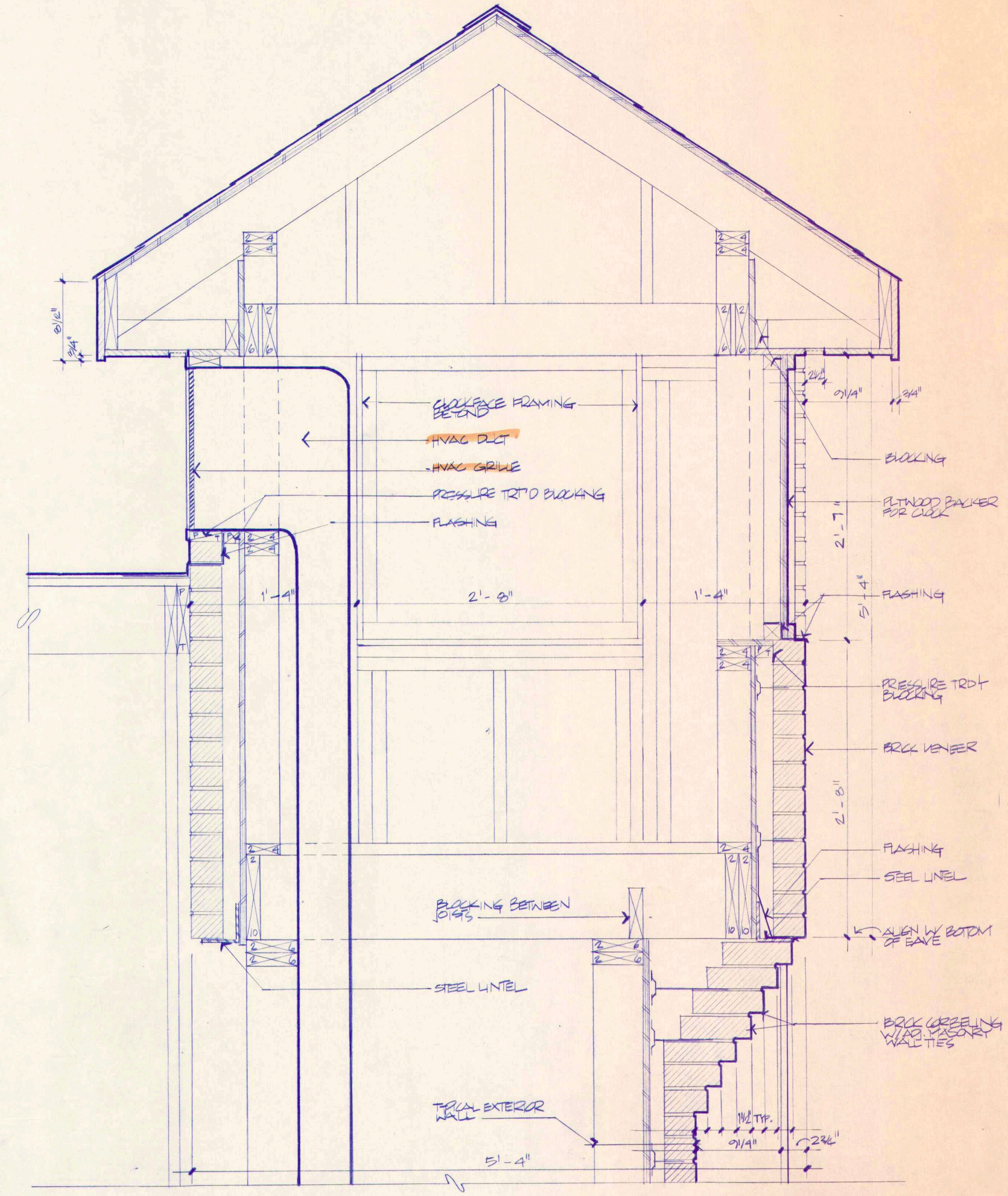
4/A8 CHIMNEY SECTION
1½" = 1'-0"



2/A8 CLOCKFACE DETAIL ELEVATION
1½" = 1'-0"



3/A8 CHIMNEY PLAN SECTION
1½" = 1'-0"



1/A8 CLOCK TOWER SECTION
1½" = 1'-0"

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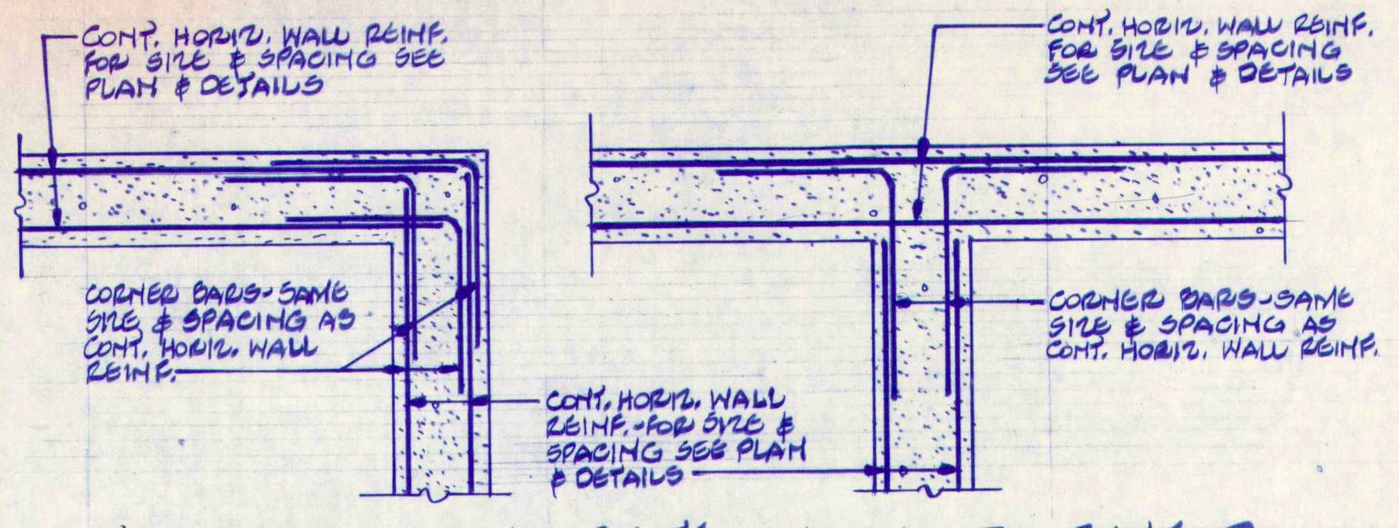
Plainville Massachusetts

DATE: 1·15·88
DRAWN BY AES
PROJECT NUMBER 8635

Details

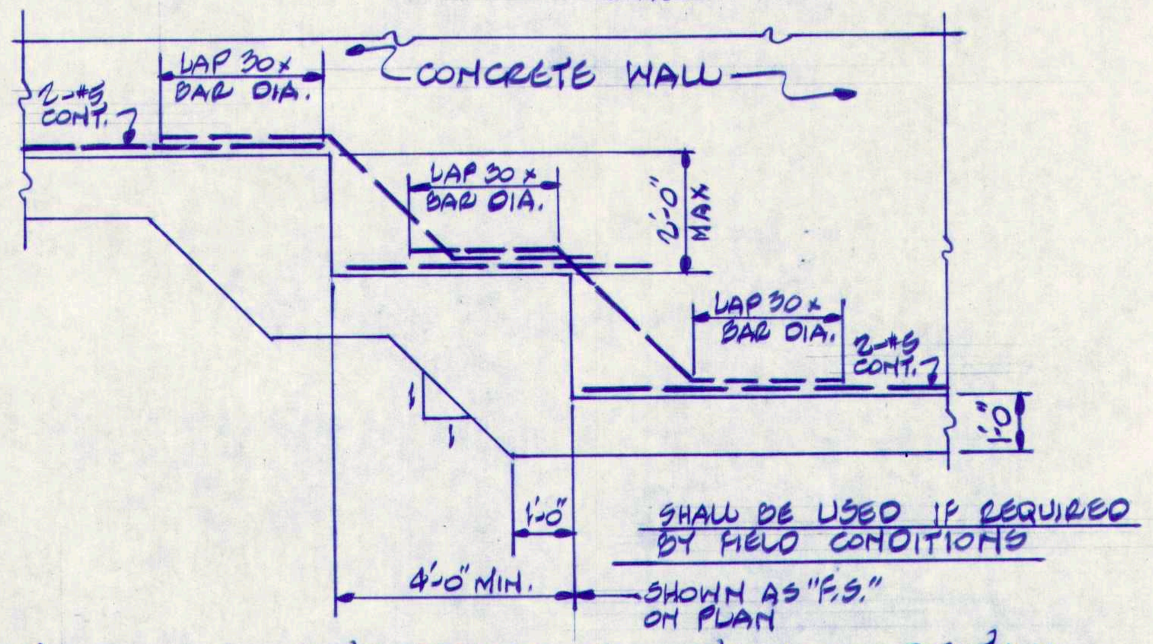
A8

SCHOENHARDT ARCHITECTS



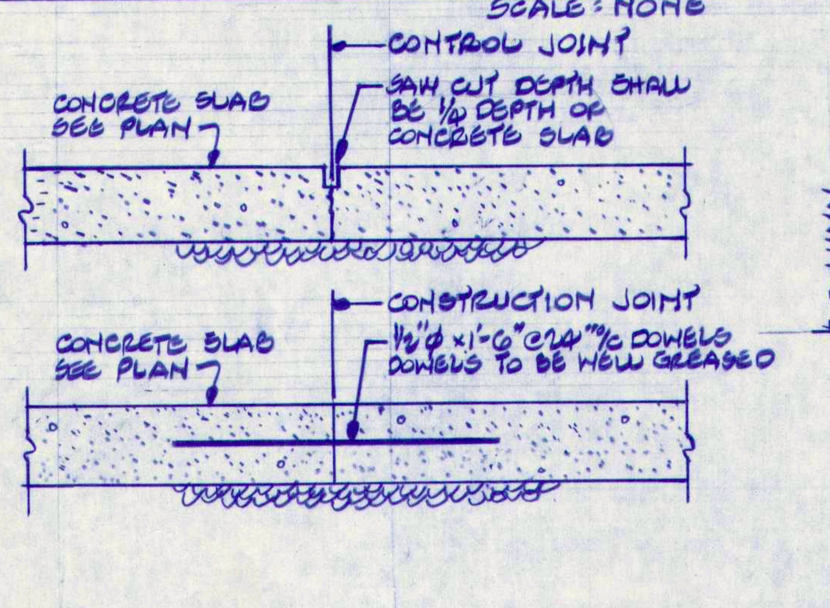
TYPICAL CONCRETE WALL CORNER BAR DETAILS

SCALE: NONE



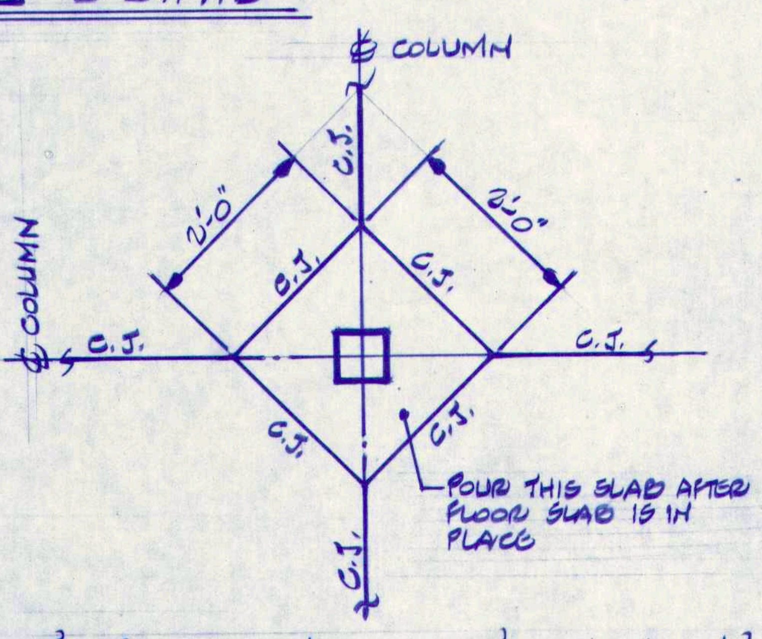
TYPICAL STEPPED FOOTING DETAIL

SCALE: NONE



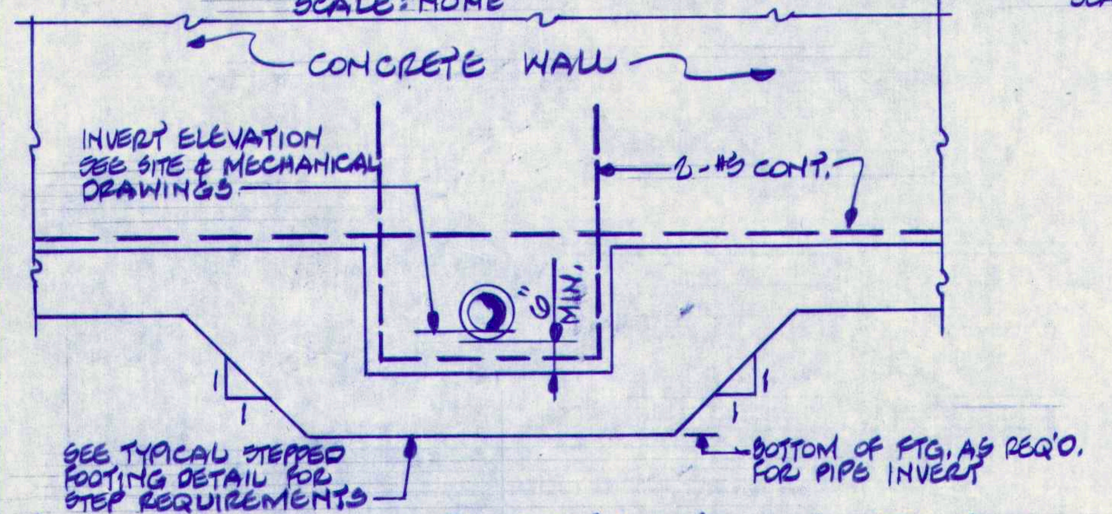
TYPICAL CONTROL JOINT DETAILS IN CONCRETE SLAB ON GRADE

SCALE: NONE



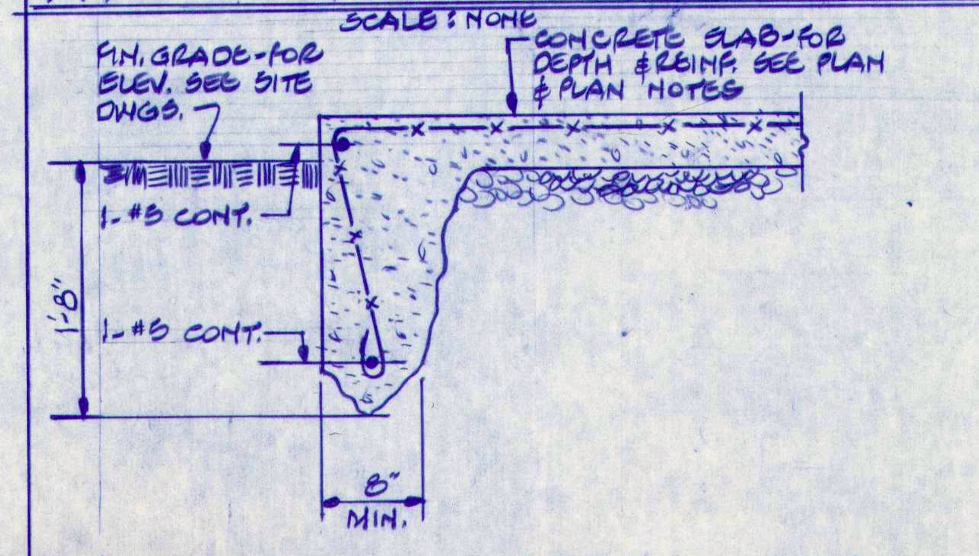
TYPICAL ISOLATION JOINT @ COLUMN DETAIL

SCALE: NONE



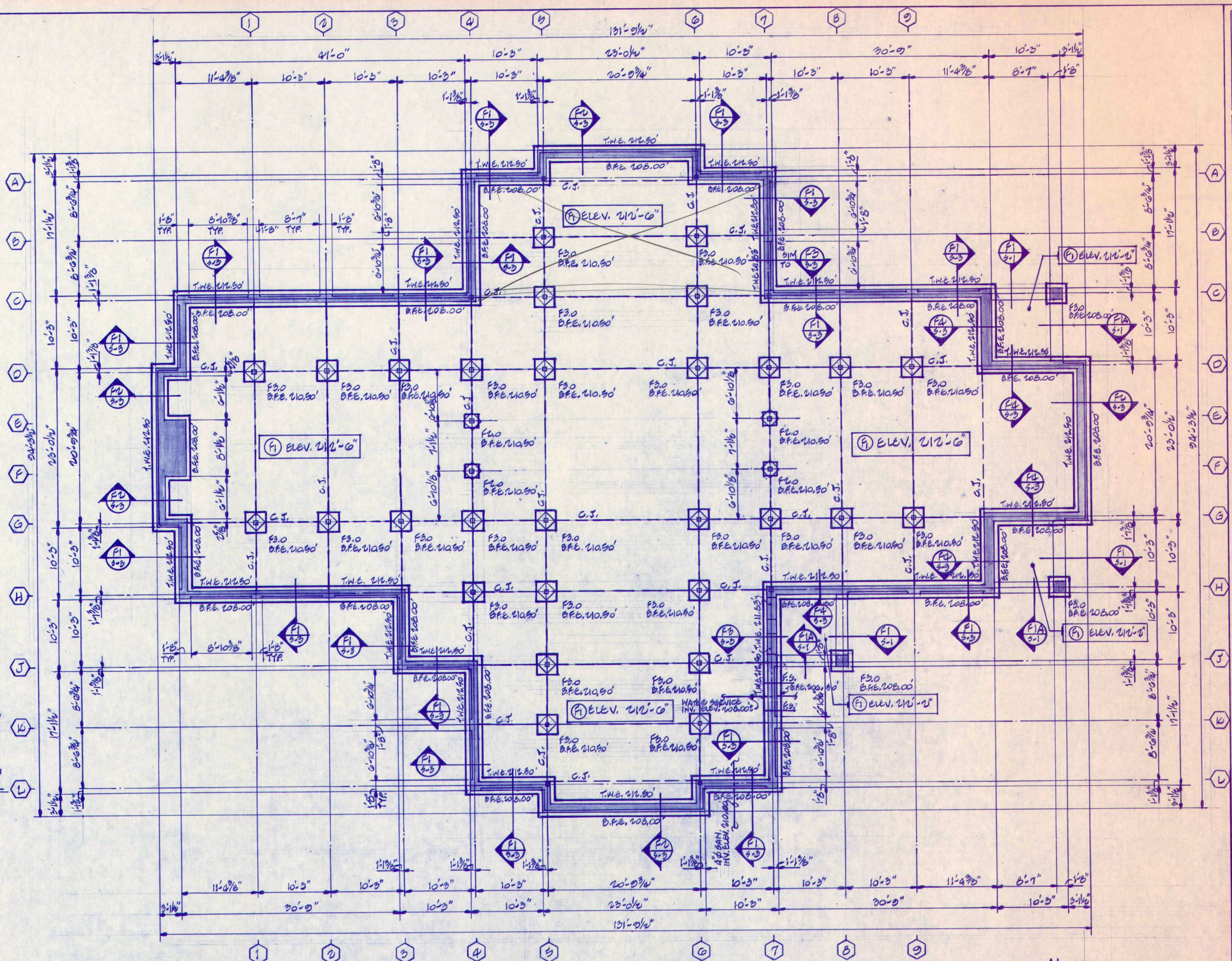
TYPICAL WALL PENETRATION DETAIL

SCALE: NONE



TYPICAL FROST WALL DETAIL

SCALE: NONE



FOUNDATION PLAN

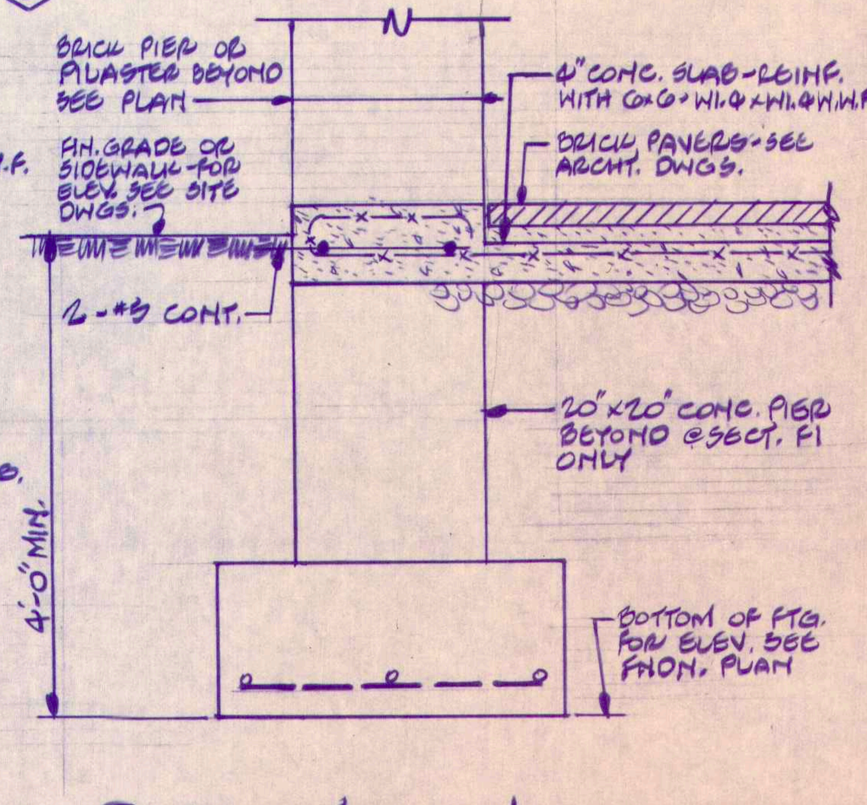
SCALE: 1/8" = 1'-0"

NOTES

1. (F1) INDICATES 4" CONCRETE SLAB REINF. WITH 6x6-W1.4xW1.4 W.W.F. ON 8" MINIMUM COMPACTED STRUCTURAL GRAVEL.
2. T.W.E. INDICATES TOP OF WALL ELEVATION
3. T.S.E. INDICATES TOP OF BRICK SHELF ELEVATION.
4. B.F.E. INDICATES BOTTOM OF FOOTING ELEVATION.
5. F.S. INDICATES FOOTING STEP LOCATION. SEE "TYPICAL STEPPED FOOTING DETAIL" ON THIS DWG.
6. C.J. INDICATES CONTROL JOINT LOCATION IN CONCRETE FLOOR SLAB. SEE TYPICAL DETAILS ON THIS DWG.

FOOTING SCHEDULE

MARK	SIZE	DEPTH	REINFORCING (EACH WAY BOTTOM)
F2.0	2'-0"x2'-0"	1'-4"	NONE
F3.0	3'-0"x3'-0"	1'-4"	3-#6



SECTION (F1/S-1) & (F1A/S-1)

SCALE: 3/4" = 1'-0"

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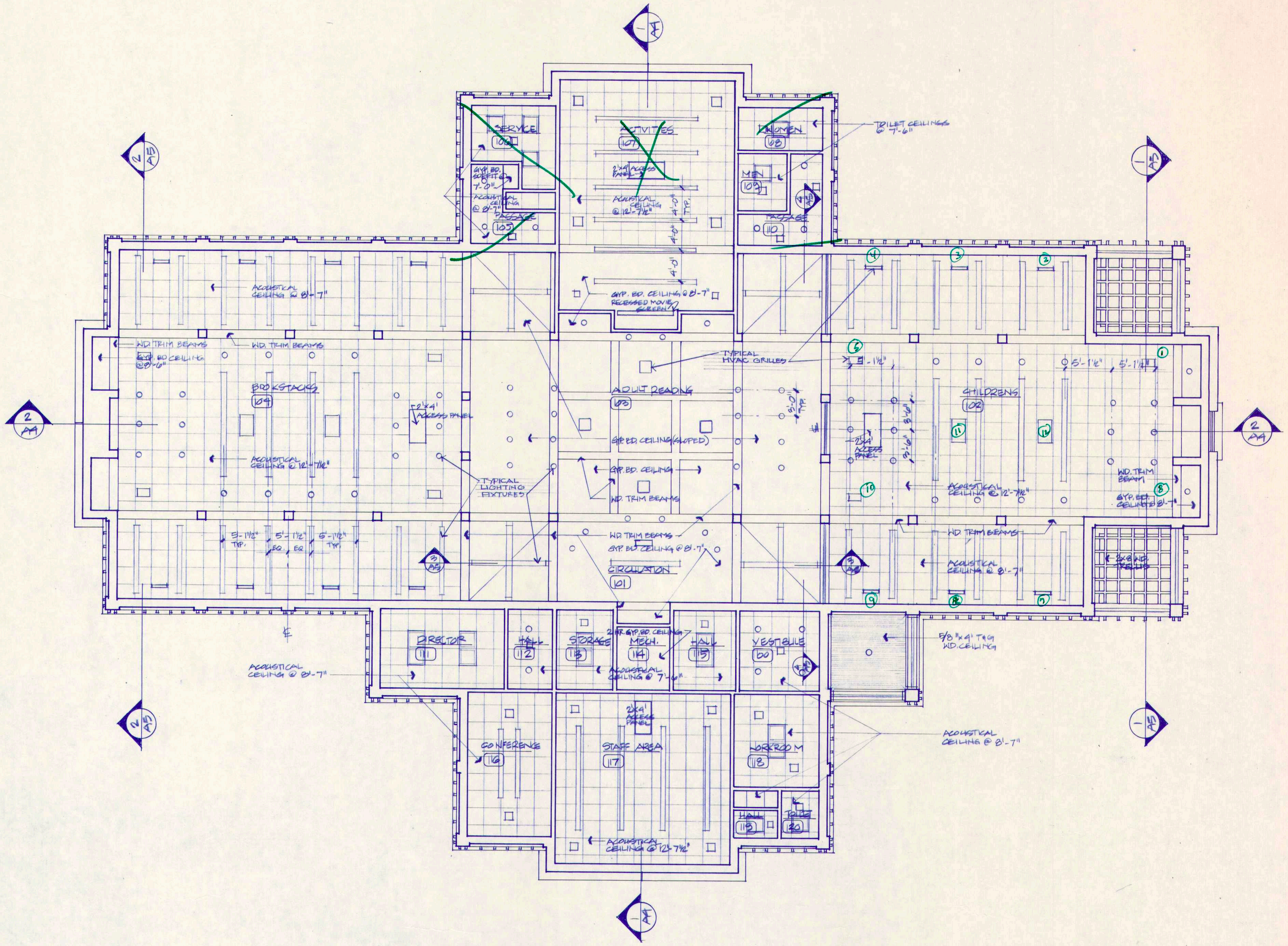
DRAWN BY: S.A.L.
PROJECT NUMBER: 8633

FOUNDATION PLAN

S-1

SCHOENHARDT ARCHITECTS INC
ONE MASSACO PLACE · SIMSBURY · CT 06070
203/658-4496

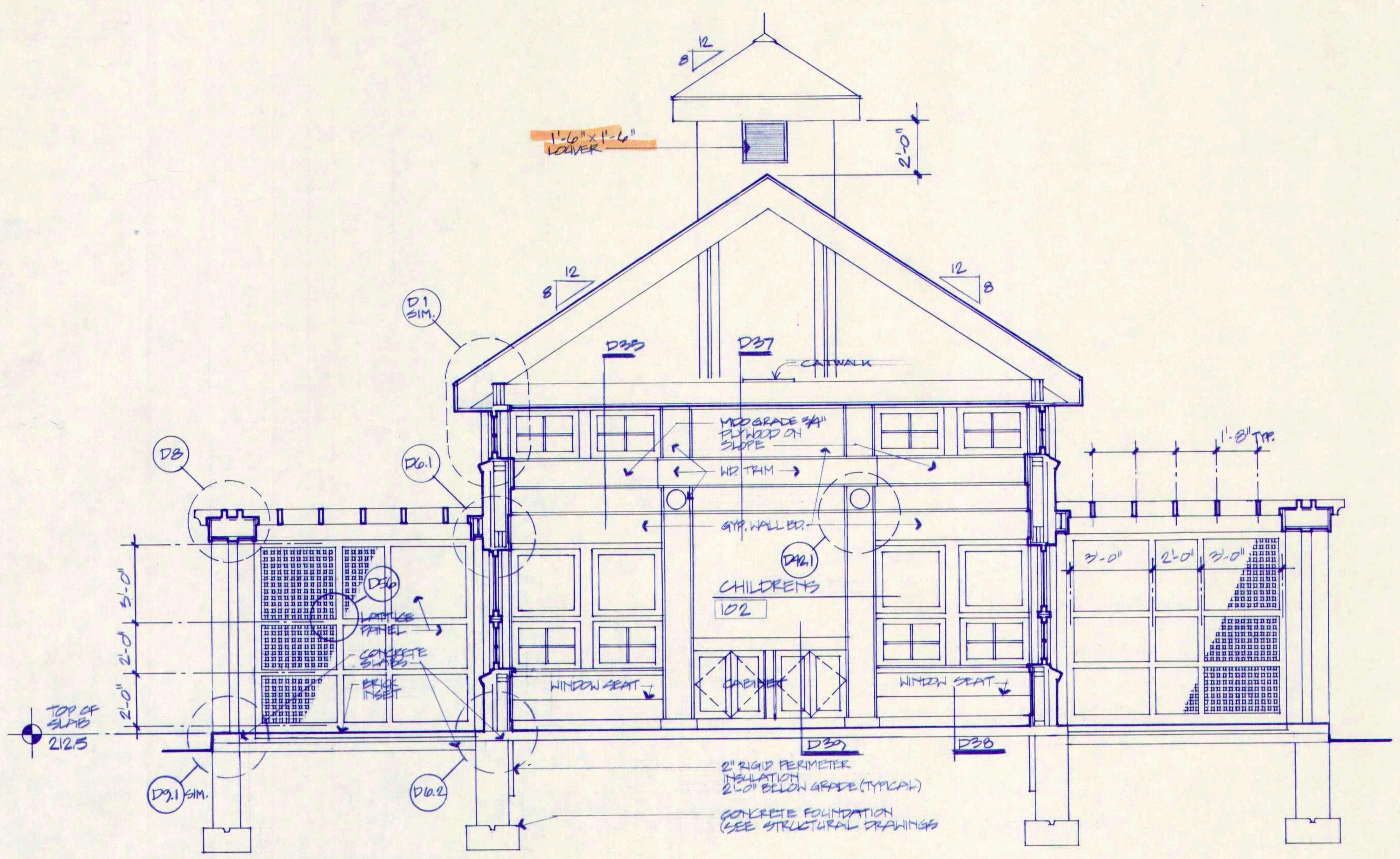


Reflected Ceiling Plan

~~1/4"~~ = 1'-0"

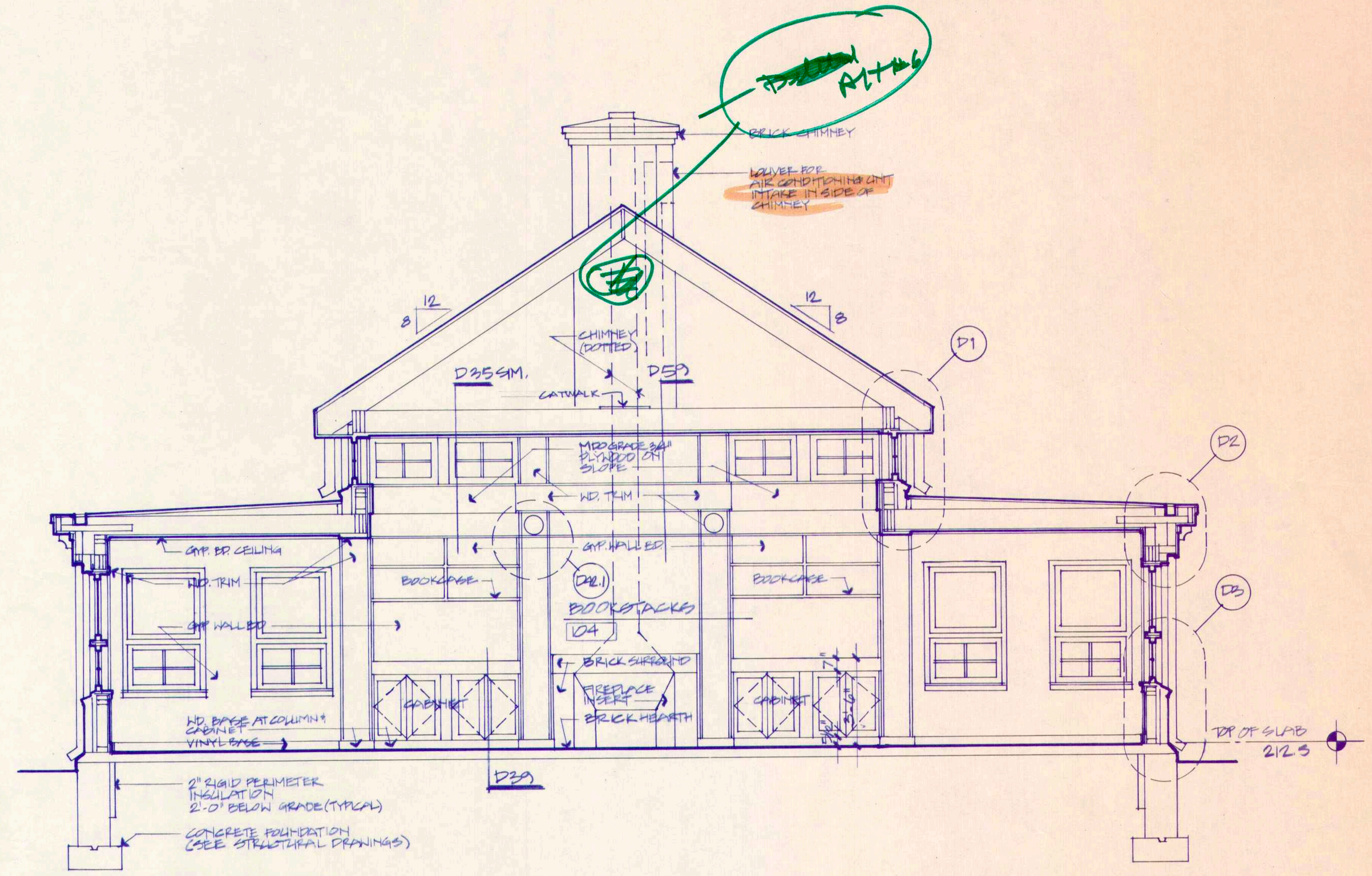
1/8

JOSEPH MERRITT & CO



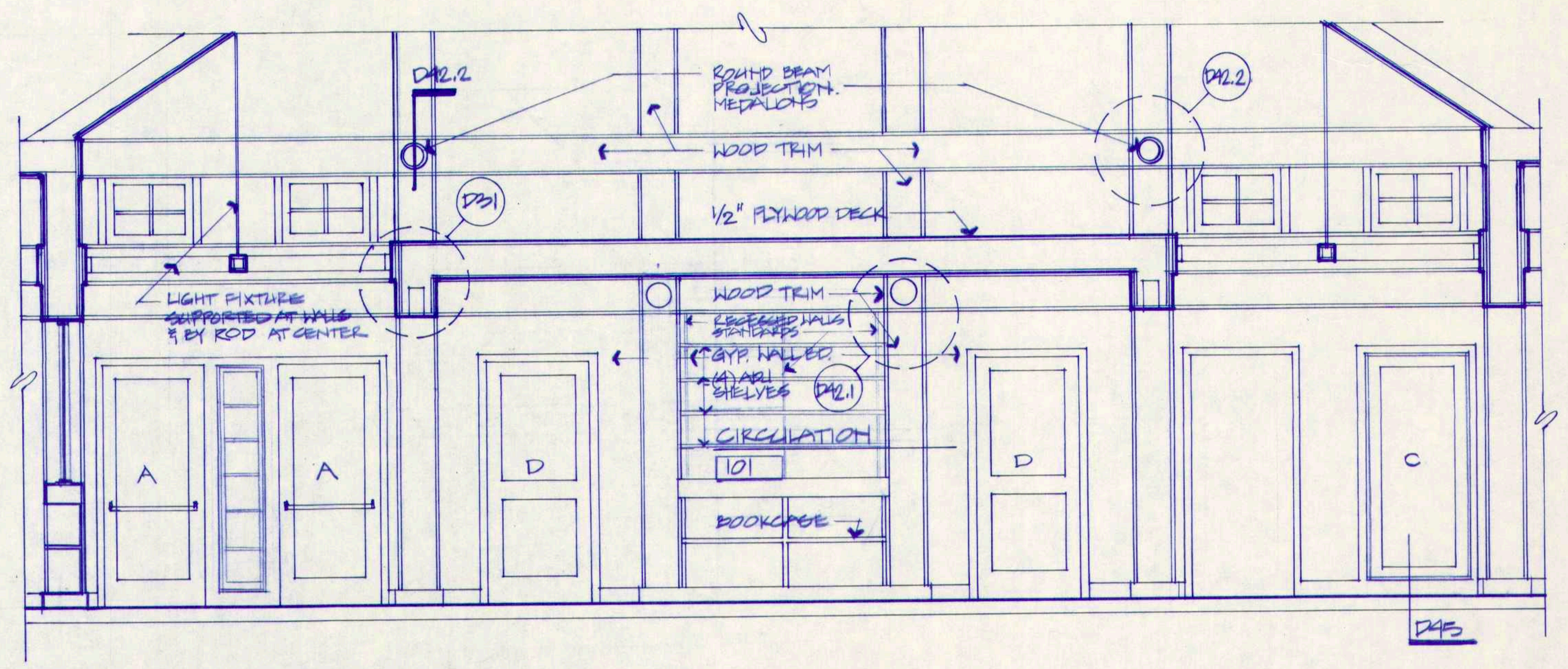
1 Section/Elevation

1/4" = 1'-0"



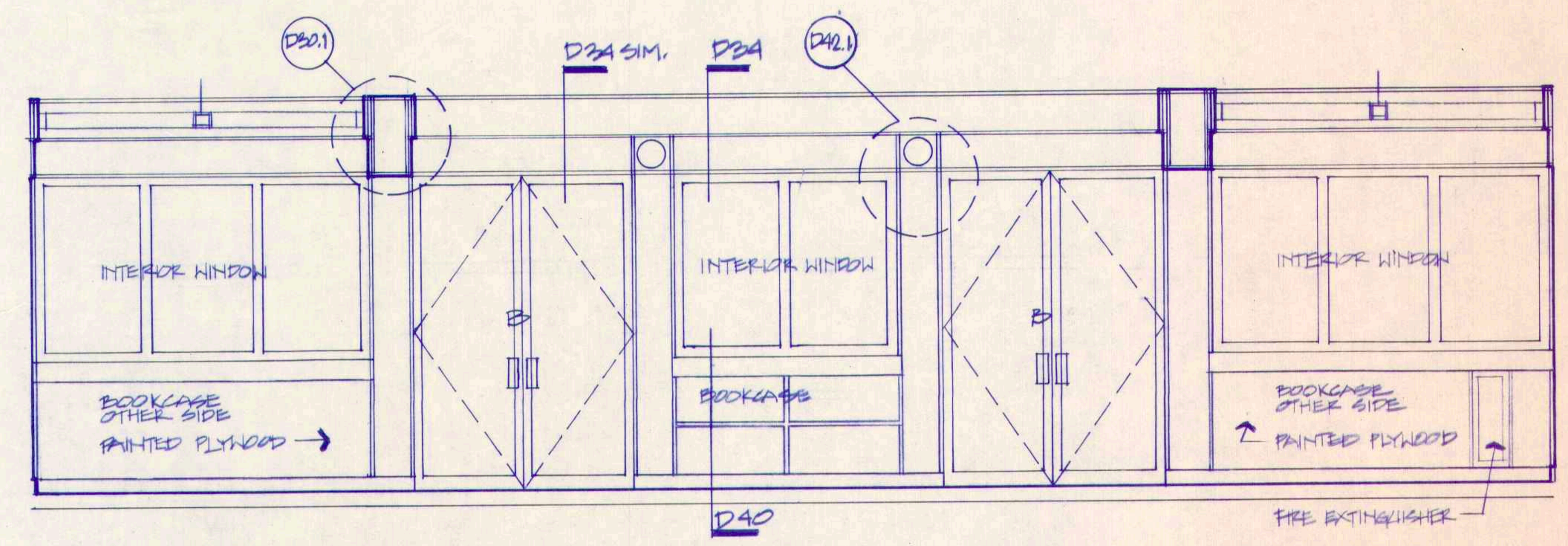
2 Section/Elevation

1/4" = 1'-0"



3 Section/Elevation

1/4" = 1'-0"



4 Section/Elevation

1/4" = 1'-0"

PLAINVILLE PUBLIC LIBRARY

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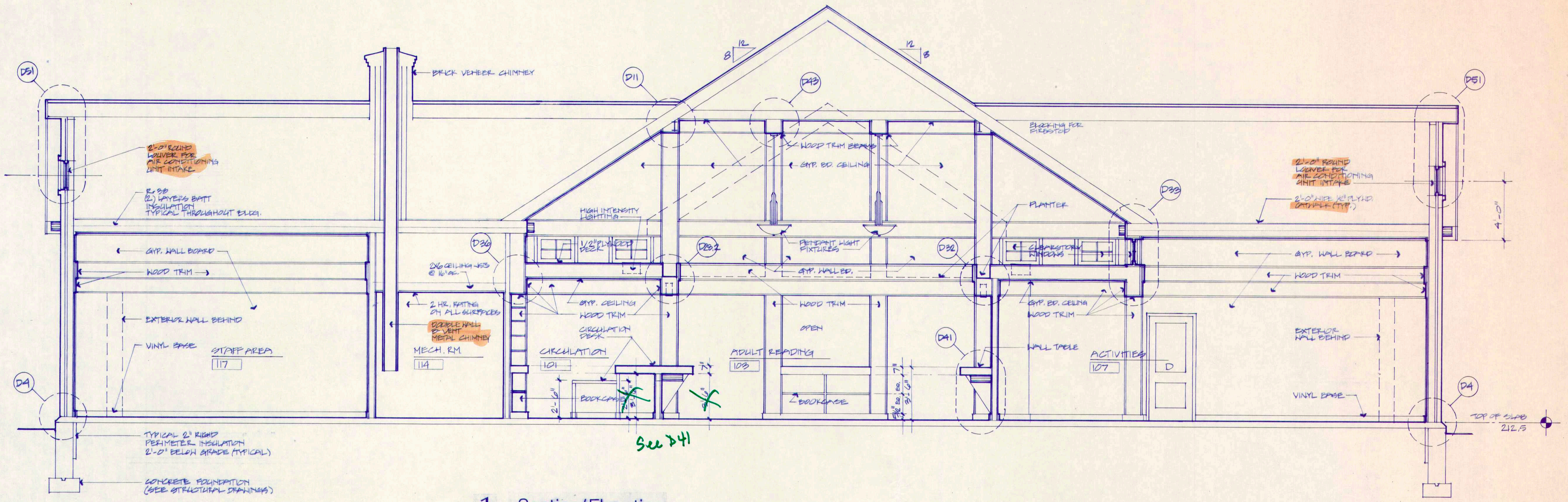
PROJECT NUMBER:

Building Section

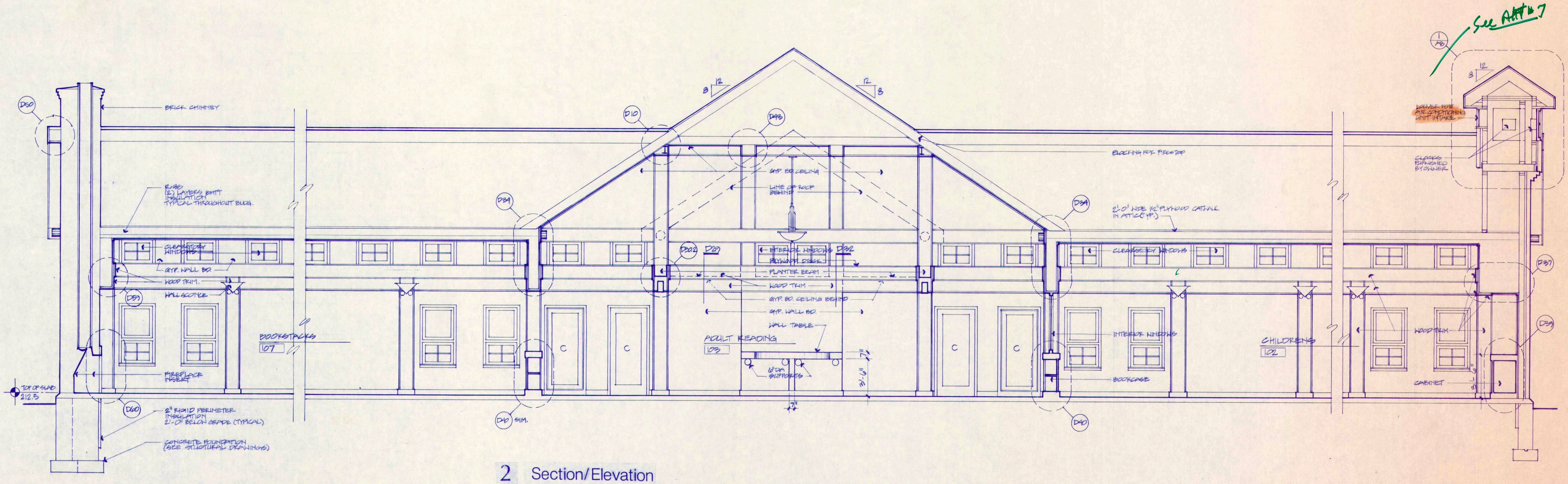
A6

SCHOENHARDT ARCHITECTS

JOSEPH MERRITT & CO



1 Section/Elevation
1/4" = 1'-0"



2 Section/Elevation
1/4" = 1'-0"

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Building Sections

A5

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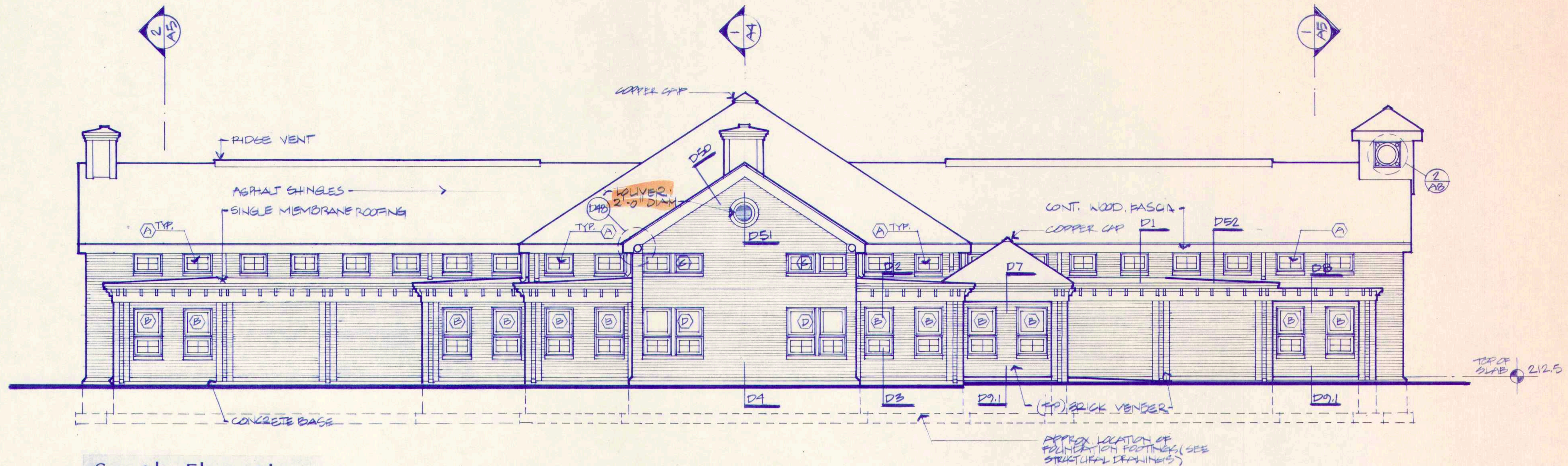
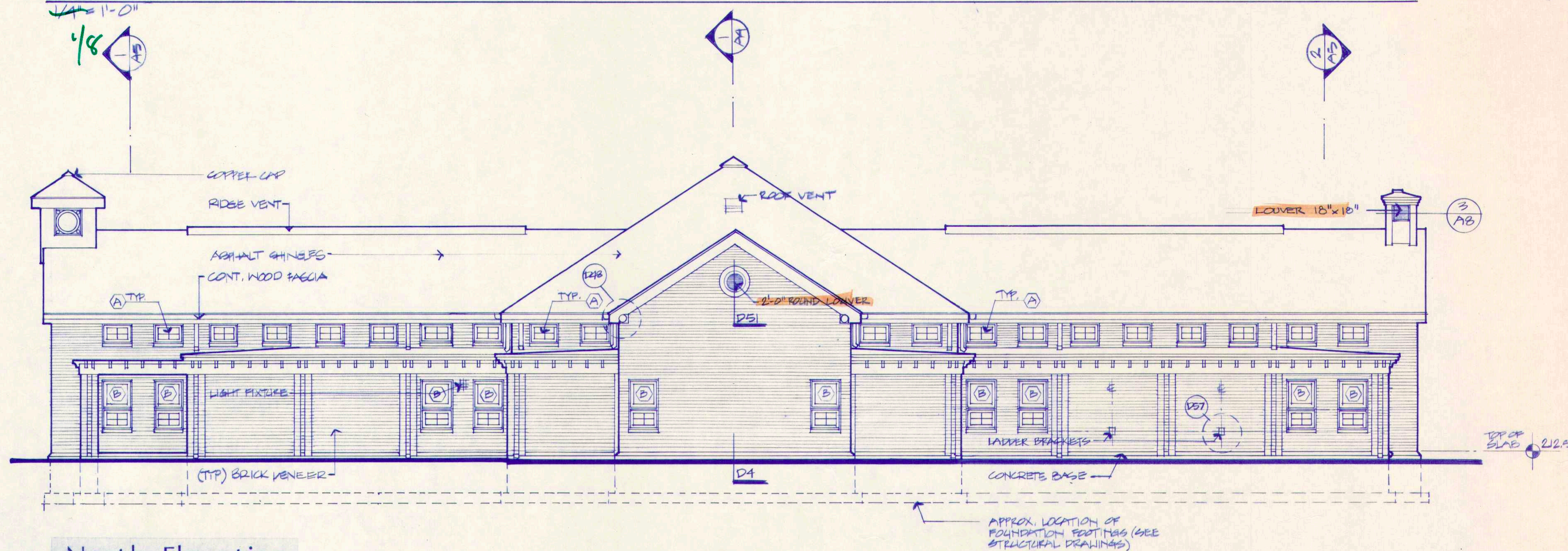


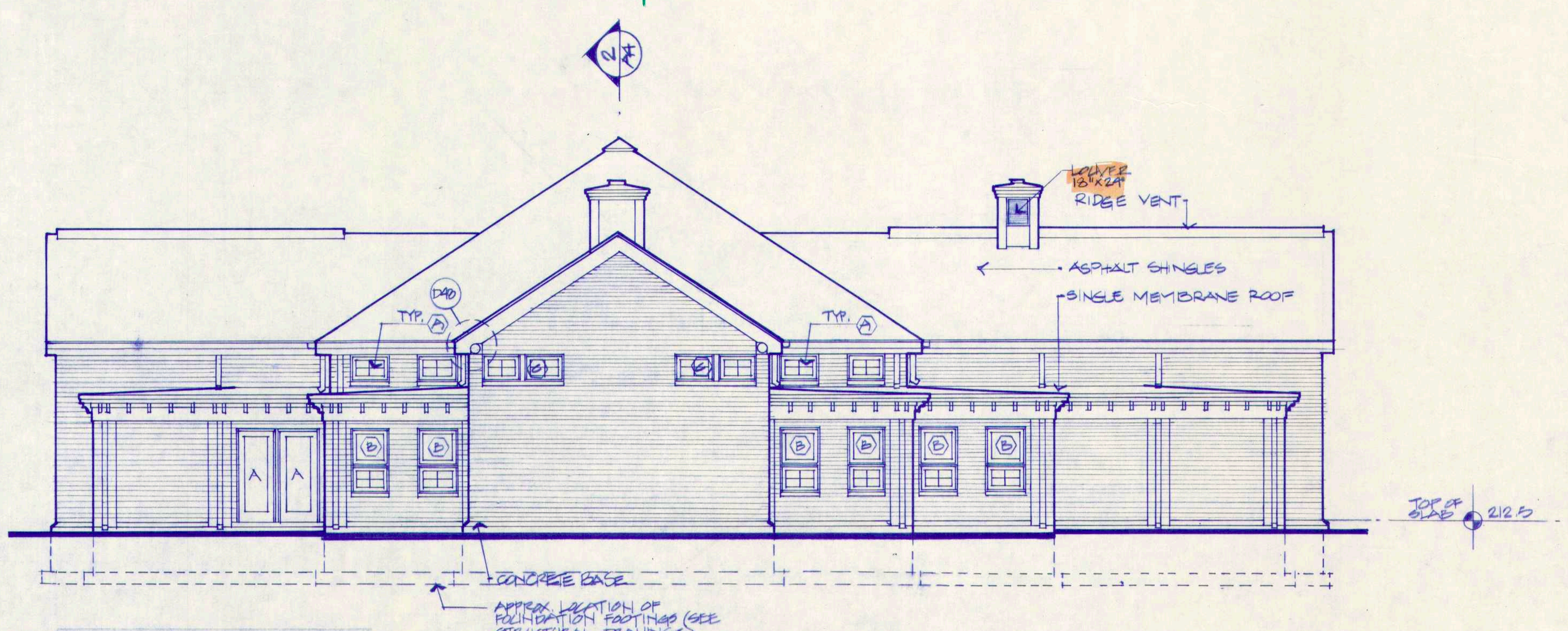
South Elevation

~~1/4~~ 1/8 = 1'-0"



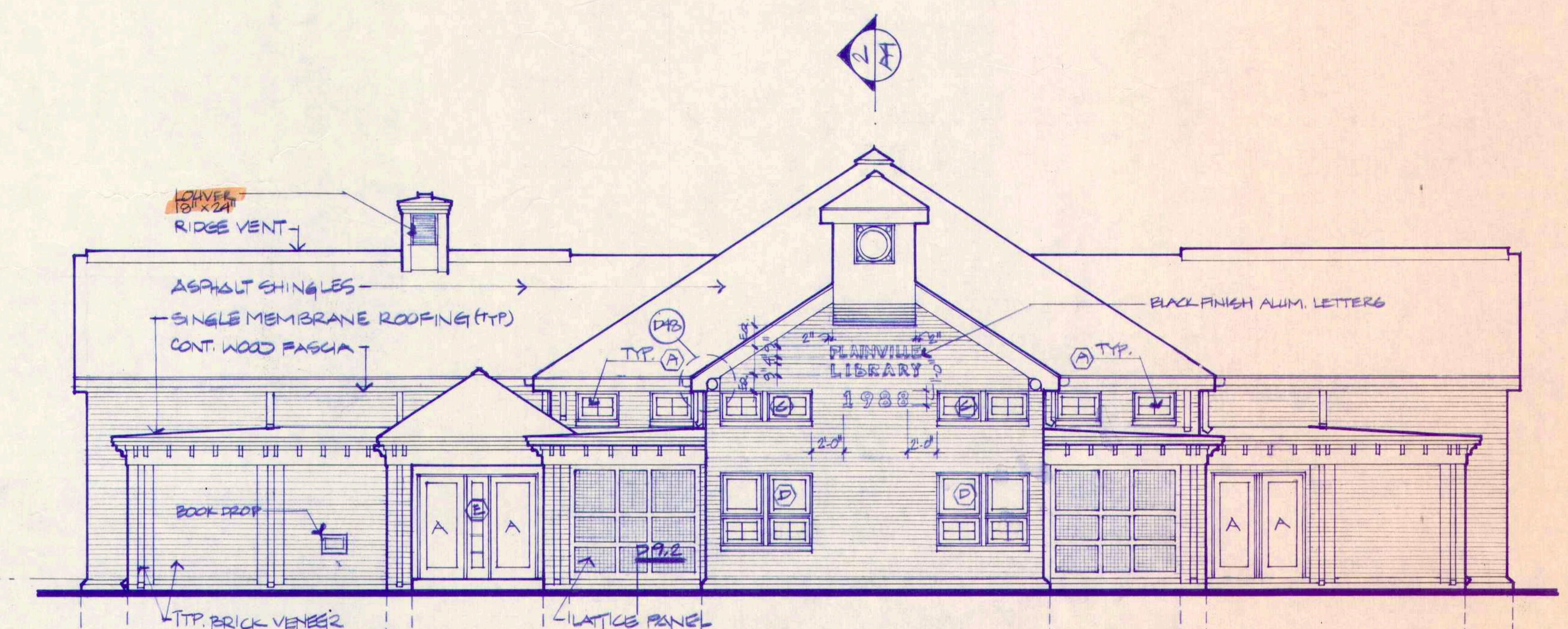
North Elevation

~~1/4~~ 1/8 = 1'-0"



West Elevation

~~1/4~~ 1/8 = 1'-0"



East Elevation

1/4" = 1'-0"

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Elevations

A4

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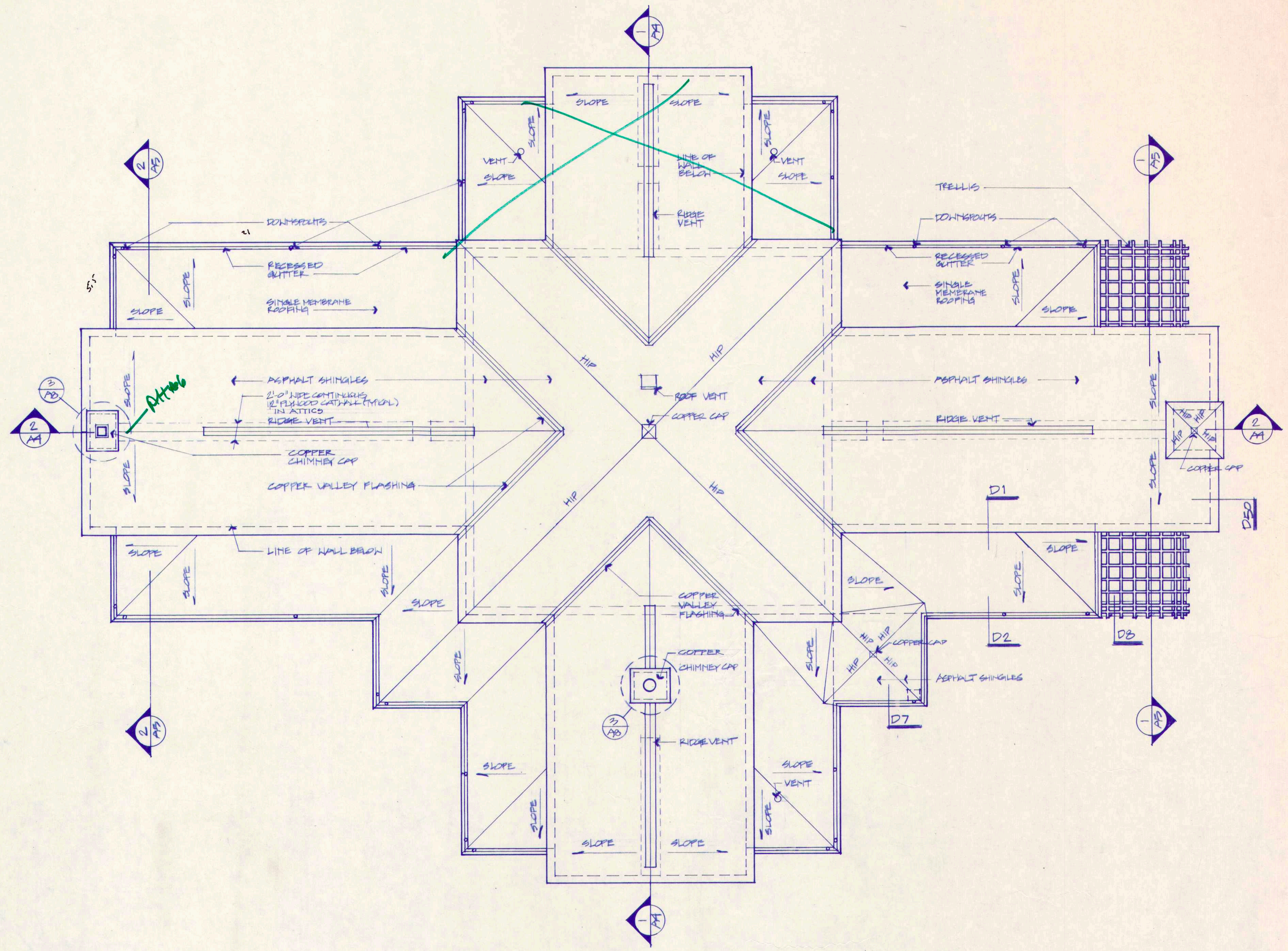

Roof Plan

~~1/4~~" = 1'-0"
1/8

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Roof Plan

A3

SCHOENHARDT ARCHITECTS

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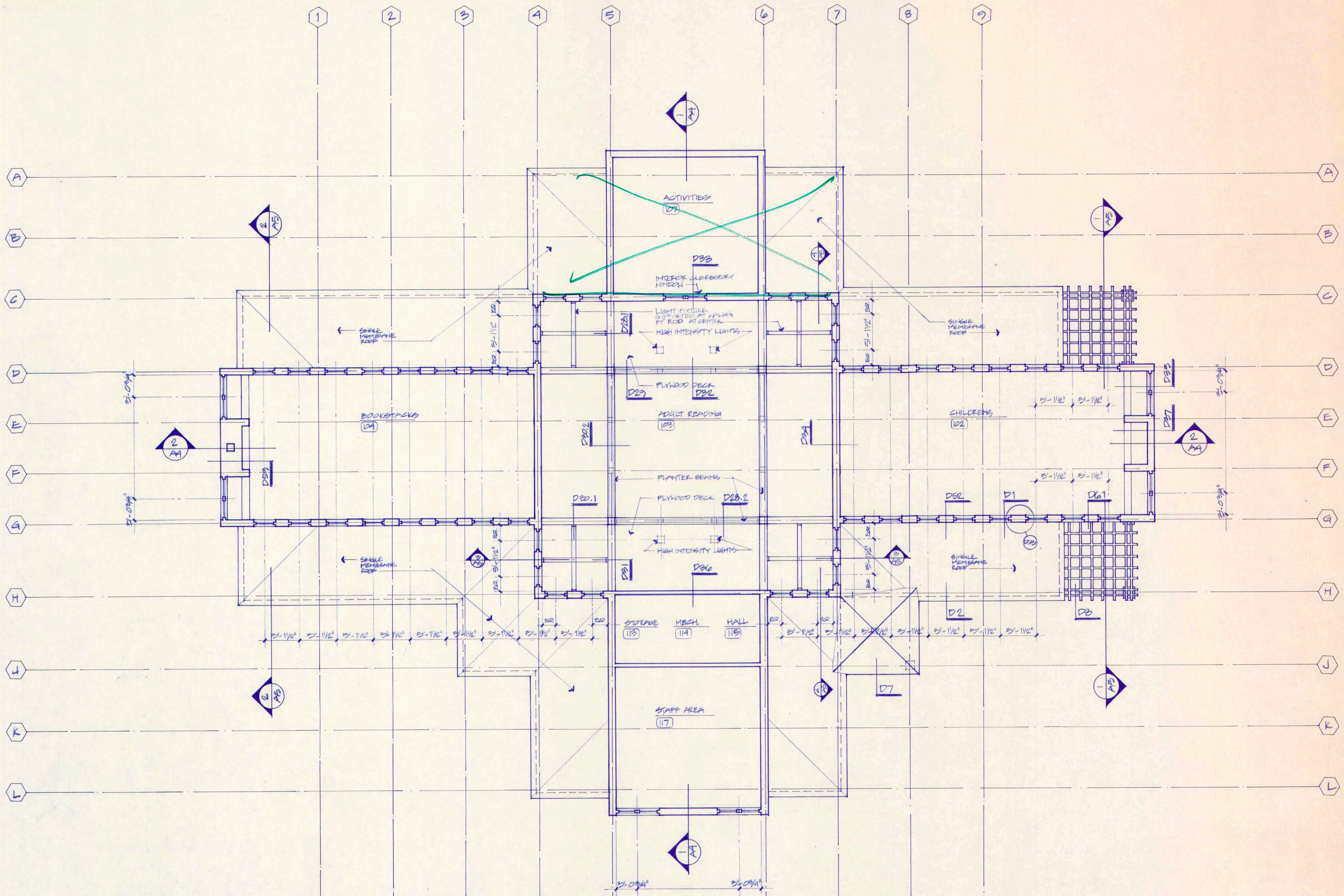

Clerestory Plan

~~1/4~~ 1/8 = 1'-0"

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Clerestory Plan

A2

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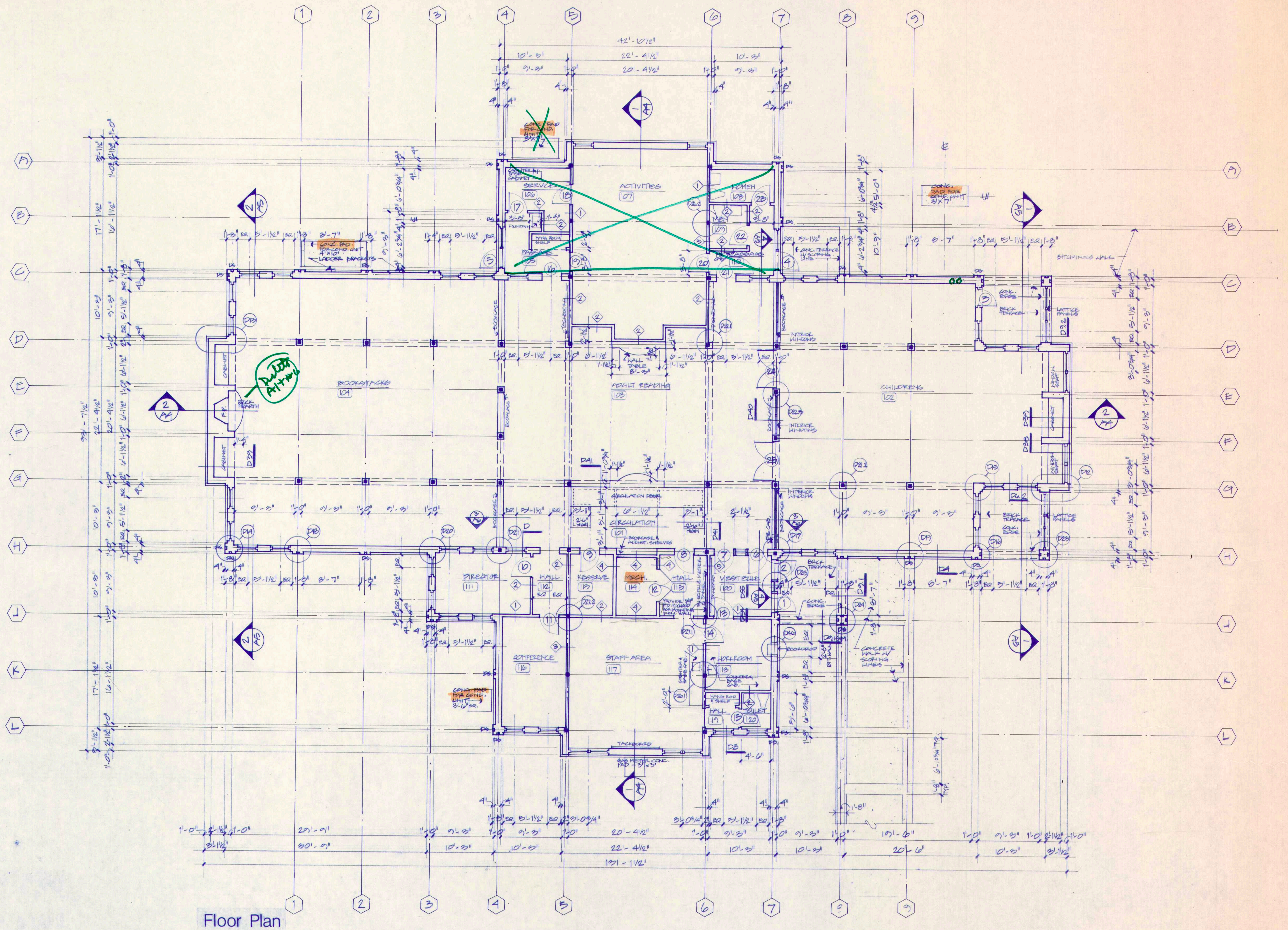

Floor Plan

~~1/4" = 1'-0"~~

1/8"

Building Code Data

BUILDING CODE : USE GROUP : A-3

TYPE OF CONSTRUCTION : 4B UNPROTECTED FRAME

OCCUPANCY : 144 PERSONS

EXIT UNITS REQUIRED : 1.5 DOOR UNITS

EXIT UNITS PROVIDED : 7.5

RATED ASSEMBLIES : BOILER RM - 2 HR.

GROSS FLOOR AREA : 7437 SQ. FT.

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Plainville Massachusetts

DATE 1.15.88

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Floor Plan

A1

SCHOENHARDT ARCHITECTS

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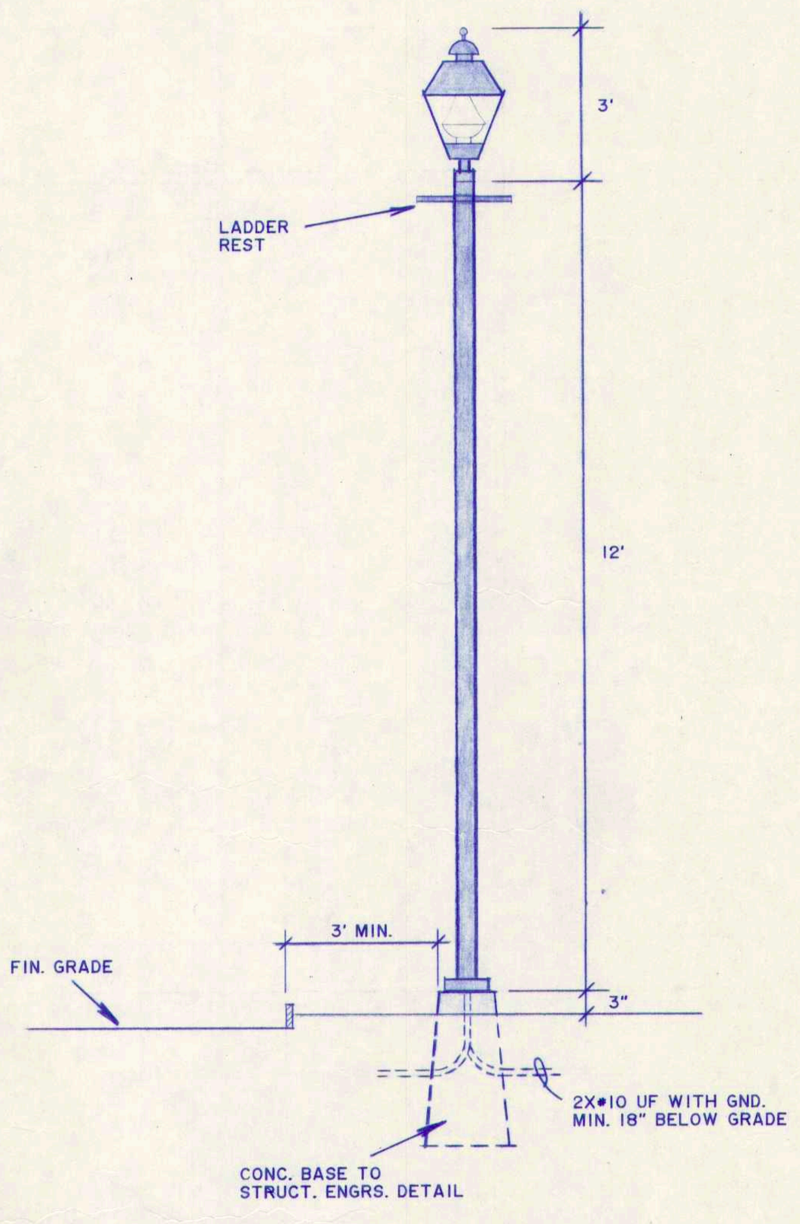
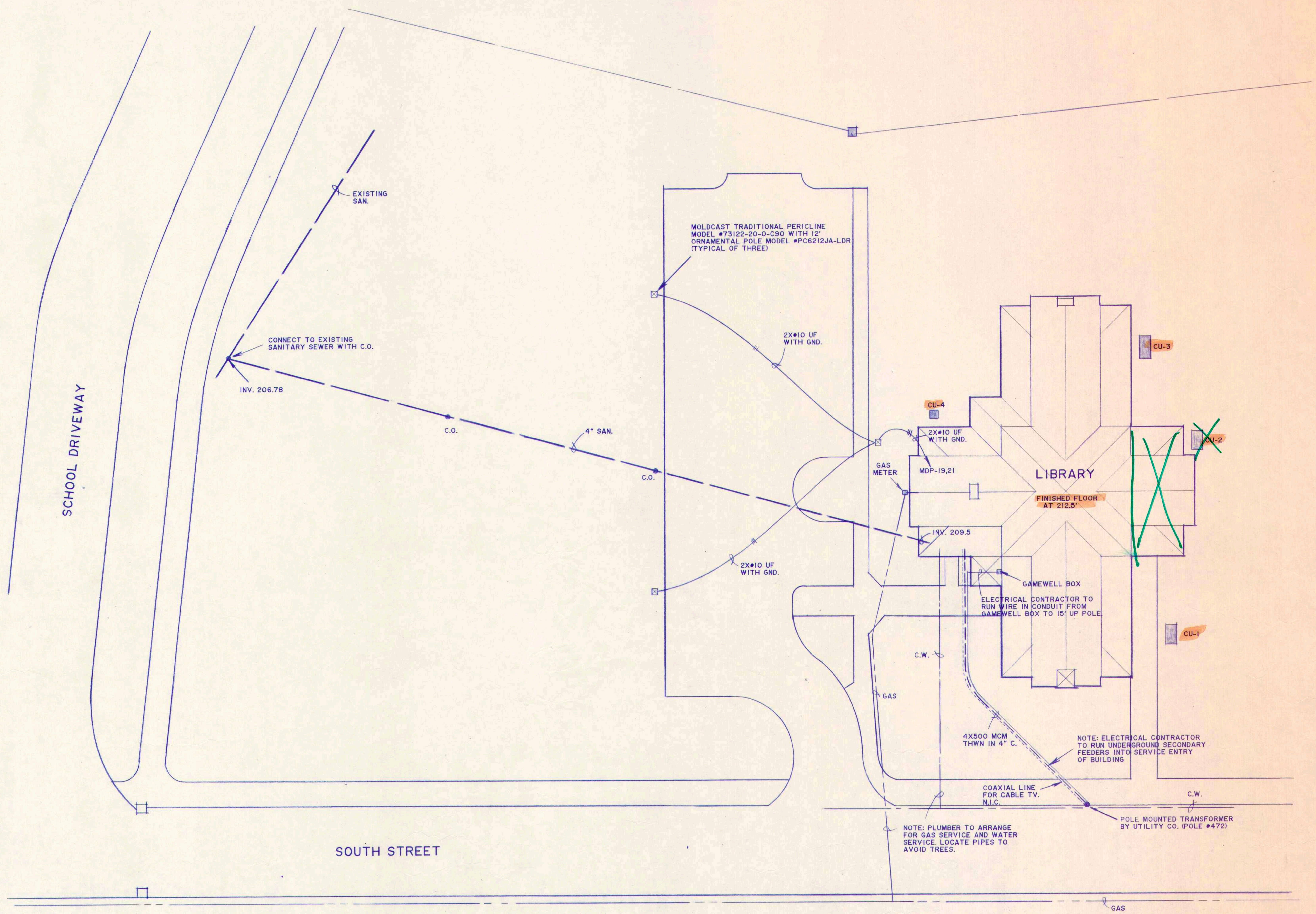


LIGHT POLE DETAIL
NTS



ERG INC.
Consulting
Engineers
Box 323
Canton, Ct.
06019

PLAINVILLE PUBLIC LIBRARY
Plainville, Massachusetts

DATE: 1/21/88
DRAWN BY: KS
PROJECT NUMBER: 8635

SITE UTILITIES
1" = 20'- 0"

SU-1

SCHOENHARDT
ARCHITECTS
ONE MASSACO PLACE · SIMSBURY · CT 06070
203 658-4496

THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND ELEVATIONS IN THE FIELD AND SHALL FULLY INFORM HIMSELF OF ALL EXISTING CONDITIONS AND LIMITATIONS AS THEY APPLY TO THE EXTENT AND CHARACTER OF THE WORK REQUIRED ON THIS PROJECT. HE SHALL IMMEDIATELY NOTIFY THE ENGINEER UPON FINDING ANY DISCREPANCY BEFORE DOING ANY WORK.

THE FIELD SURVEY FOR THIS PROJECT WAS MADE BETWEEN 09/15/87 AND 01/07/88. THE OWNER OR THE ENGINEER ASSUMES NO RESPONSIBILITY FOR ACCURACY OF THE DATA SHOWN ON THE PLANS OTHER THAN THAT OBTAINED AT THE PARTICULAR DATE AND TIME THE SURVEY WAS MADE.

NOTE: ELEVATIONS REFER TO NATIONAL GEODETIC VERTICAL DATUM. (MEAN SEA LEVEL)

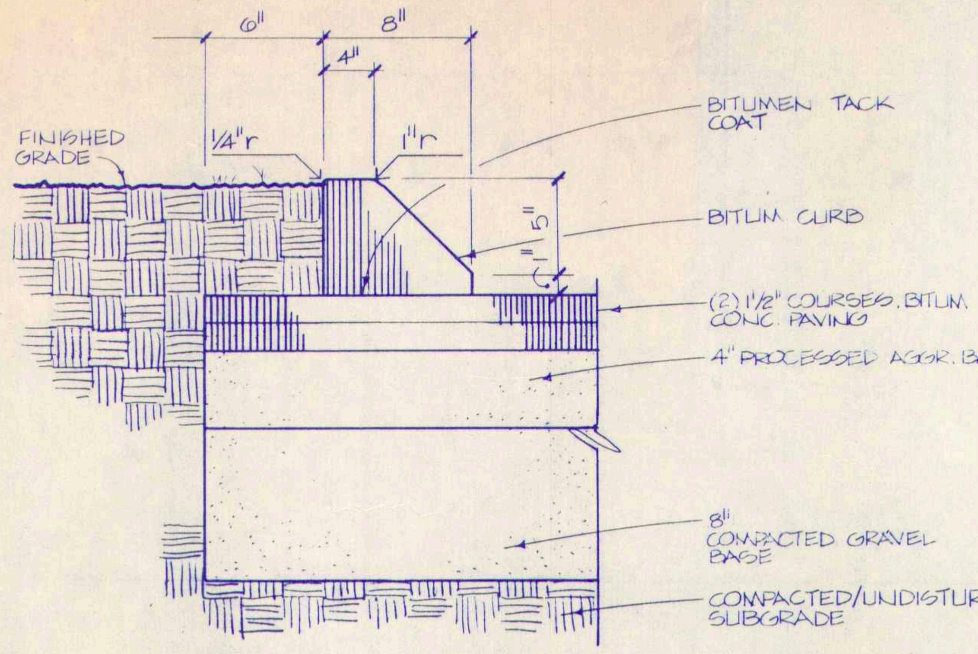
ASSESSORS REFERENCE MAP: 8 LOT: 96 ZONING REFERENCE TOWN - TP	RESEARCH BY: JLT FIELD SURVEY: DP COMPUTED BY: GNF DRAFTED BY: GNF CHECKED BY: WJF DESIGNED BY:	I CERTIFY THAT THIS PLAN COMPLIES WITH THE RULES AND REGULATIONS OF THE REGISTERS OF DEEDS. William J. Ferro WILLIAM J. FERRO, REGISTERED PROFESSIONAL LAND SURVEYOR #29637	PREPARED FOR & OWNED BY: TOWN OF PLAINVILLE TOWN HALL PLAINVILLE, MA 02762	DUNN engineering co., inc. PROFESSIONAL CIVIL ENGINEERS AND LAND SURVEYORS 124 WASHINGTON STREET, SUITE 101 FOXBOROUGH, MASSACHUSETTS 02035, 543-9720

WILLIAM J. FERRO No. 29637

EXISTING CONDITIONS
Plan of Land in
PLAINVILLE
MASSACHUSETTS

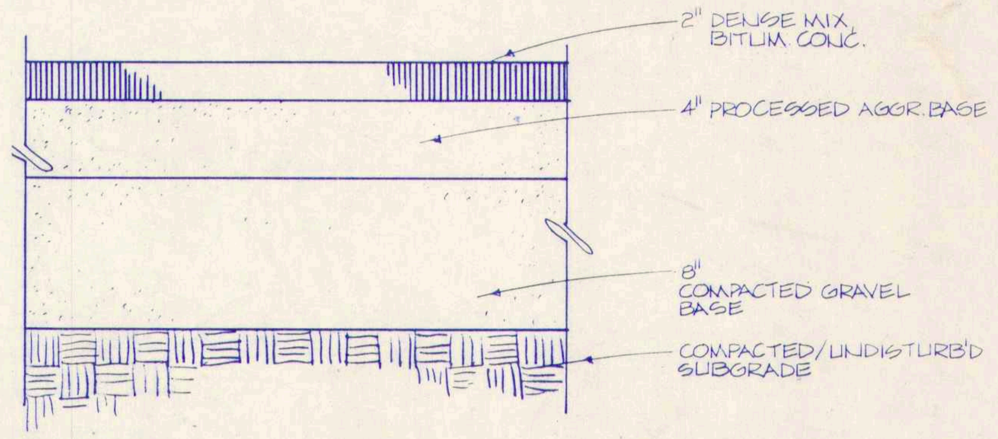
SCALE: 1 inch = 20 feet October 1, 1987 1873

REVISED: DECEMBER 28, 1987 ; JANUARY 12, 1988



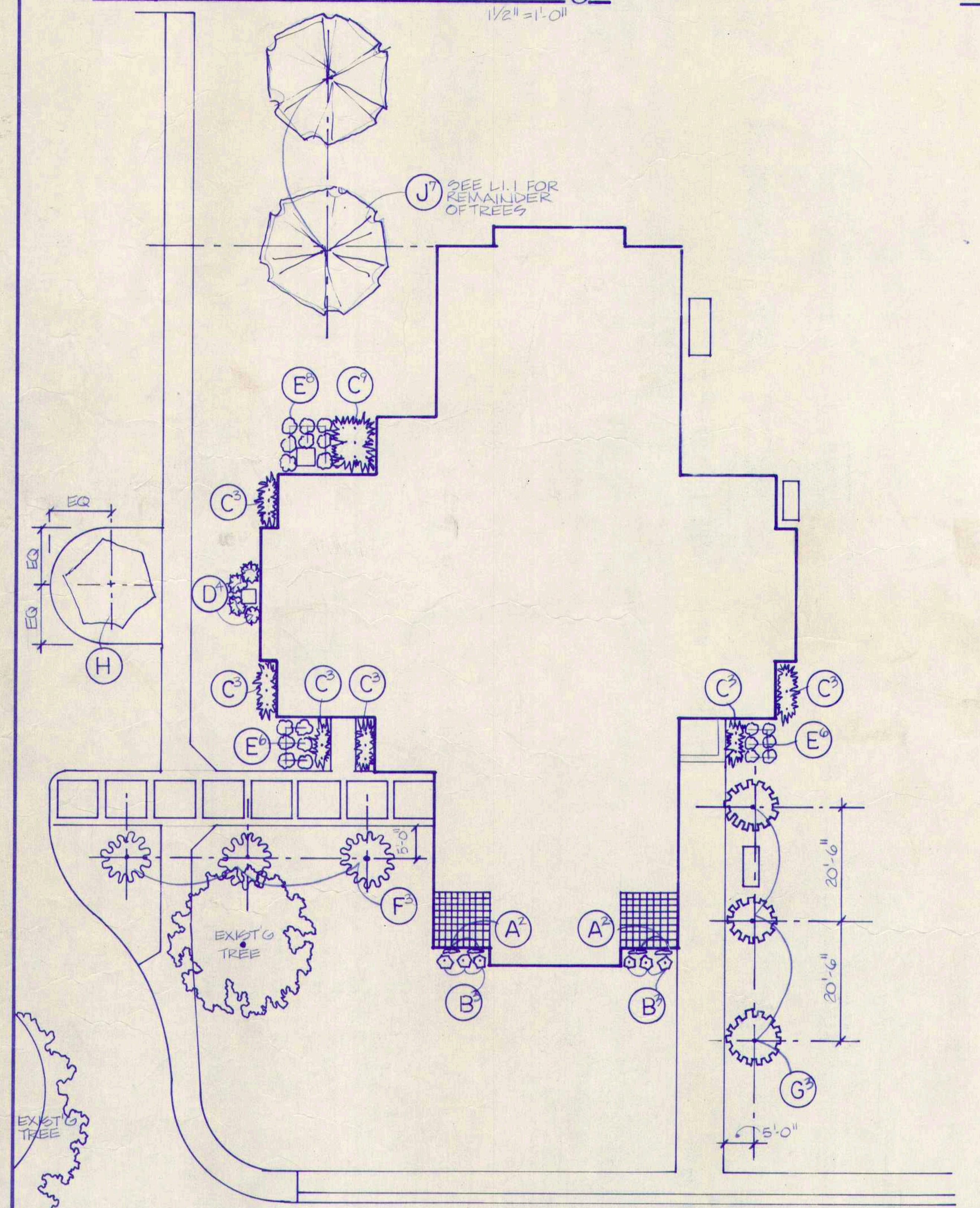
L1.2 Bitum. Curb & Paving

1-1/2" = 1'-0"



L1.3 Bitum. Sidewalk

1-1/2" = 1'-0"

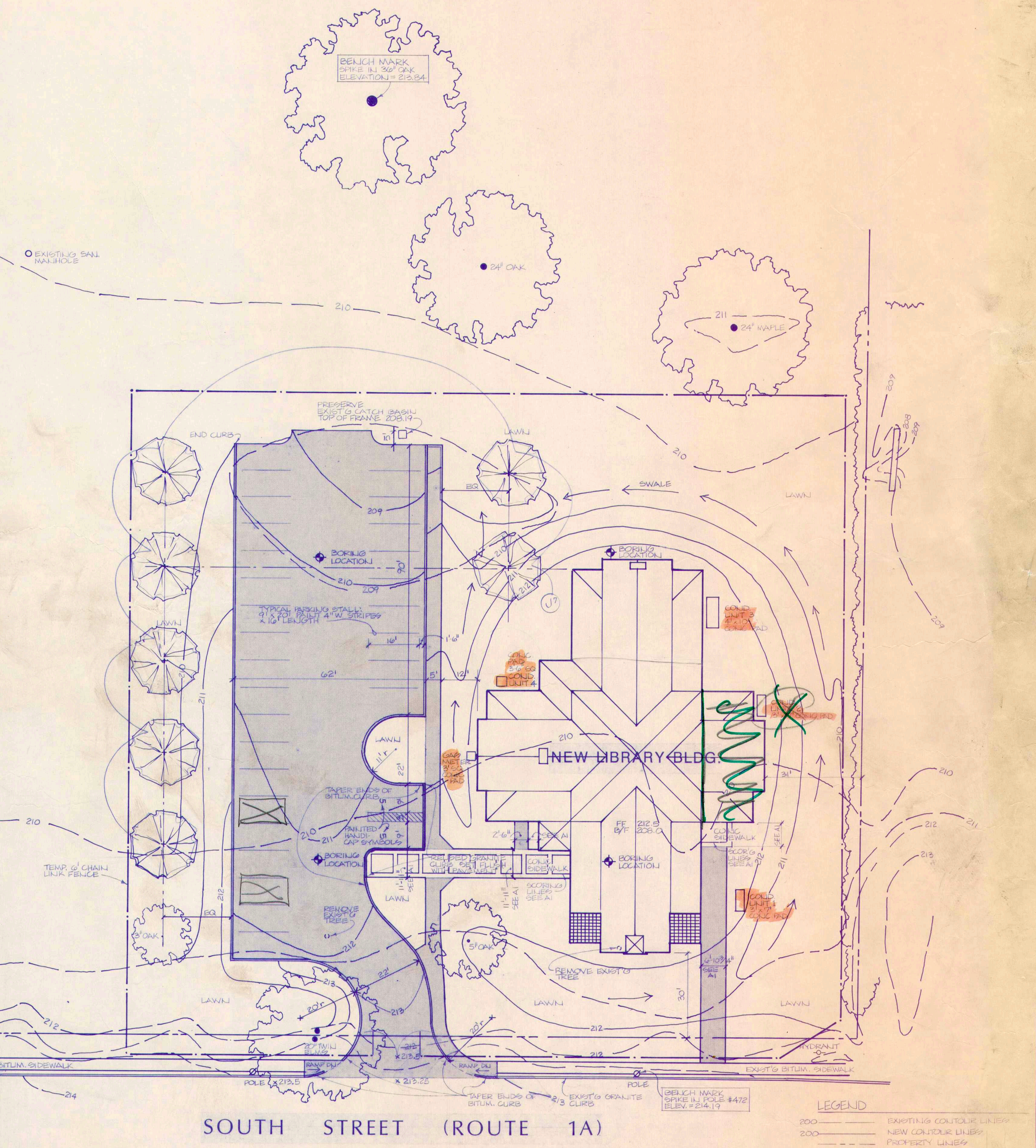


SYM	BOTANICAL / COMMON NAME	QTY	SIZE	ROOT	REMARKS
A	CLEMATIS PANICULATA / SWEET AUTUMN CLEMATIS	4	12" SPR	#1 CONT	
B	COTONEASTER APICULATA / CORAL BERRY COTTONEASTER	6	18" SPR	#3 CONT	
C	JUNIPERUS SABINA "BLUE DANUBE" / BLUE DANUBE JUNIPER	27	24" SPR	B&B	
D	VIBURNUM CARLESII / KOREAN SPICE VIBURNUM	4	30" SPR	B&B	
E	VIBURNUM DILATATUM ERIE / ERIE VIBURNUM	20	24" SPR	B&B	
F	CORNUS FLORIDA / WHITE FLOWERING DOGWOOD	3	6'-0" HT MIN	B&B	SINGLE STEM, SPECIMEN TREES
G	CORNUS KOUSA CHINENSIS "MILKY WAY" / CHINESE MILKY WAY DOGWOOD	3	7-0" HT MIN	B&B	SINGLE STEM, SPECIMEN TREES
H	GLEDITSIA TRIANCANTHOS INERMIS / HONEY LOCUST	1	2-1/2" CAL	B&B	SPECIMEN TREES
J	QUERCUS PALUSTRIS / PIN OAK	7	2-1/2" CAL	B&B	SPECIMEN TREES

A^3 - NUMBER INDICATES NUMBER OF PLANTS AT THAT LOCATION

L1.4 Planting Plan

1" = 20'-0"



LEGEND

200 ——— EXISTING CONTOUR LINES
200 ——— NEW CONTOUR LINES
— — — PROPERTY LINES
NEW BITUM. PAVING & CURBS

L1.1 Site Plan

1" = 20'-0"

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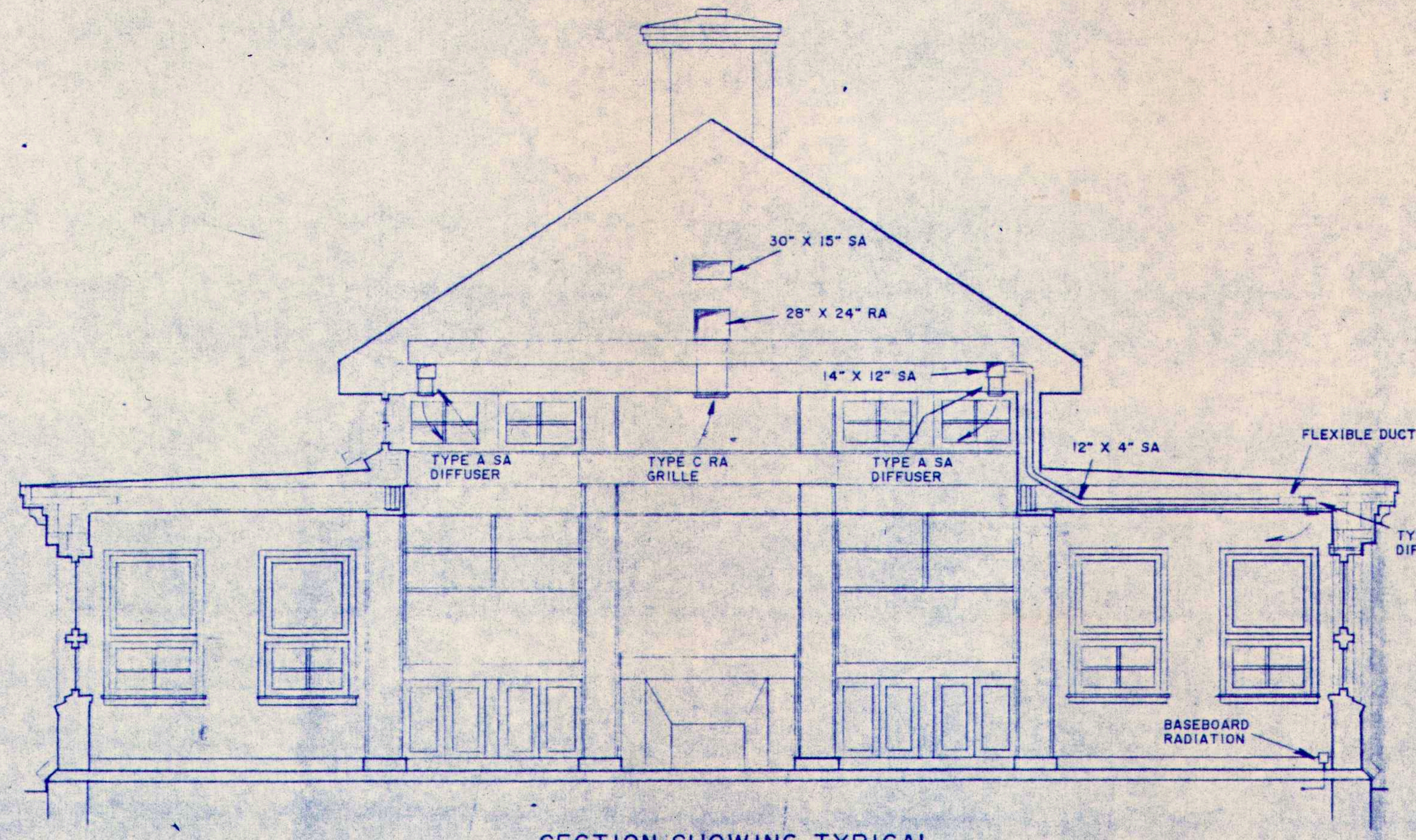
Plainville Massachusetts

DATE 1/15/88
DRAWN BY MEP
PROJECT NUMBER [illegible]

SITE LAYOUT
GRADING
PLANTING

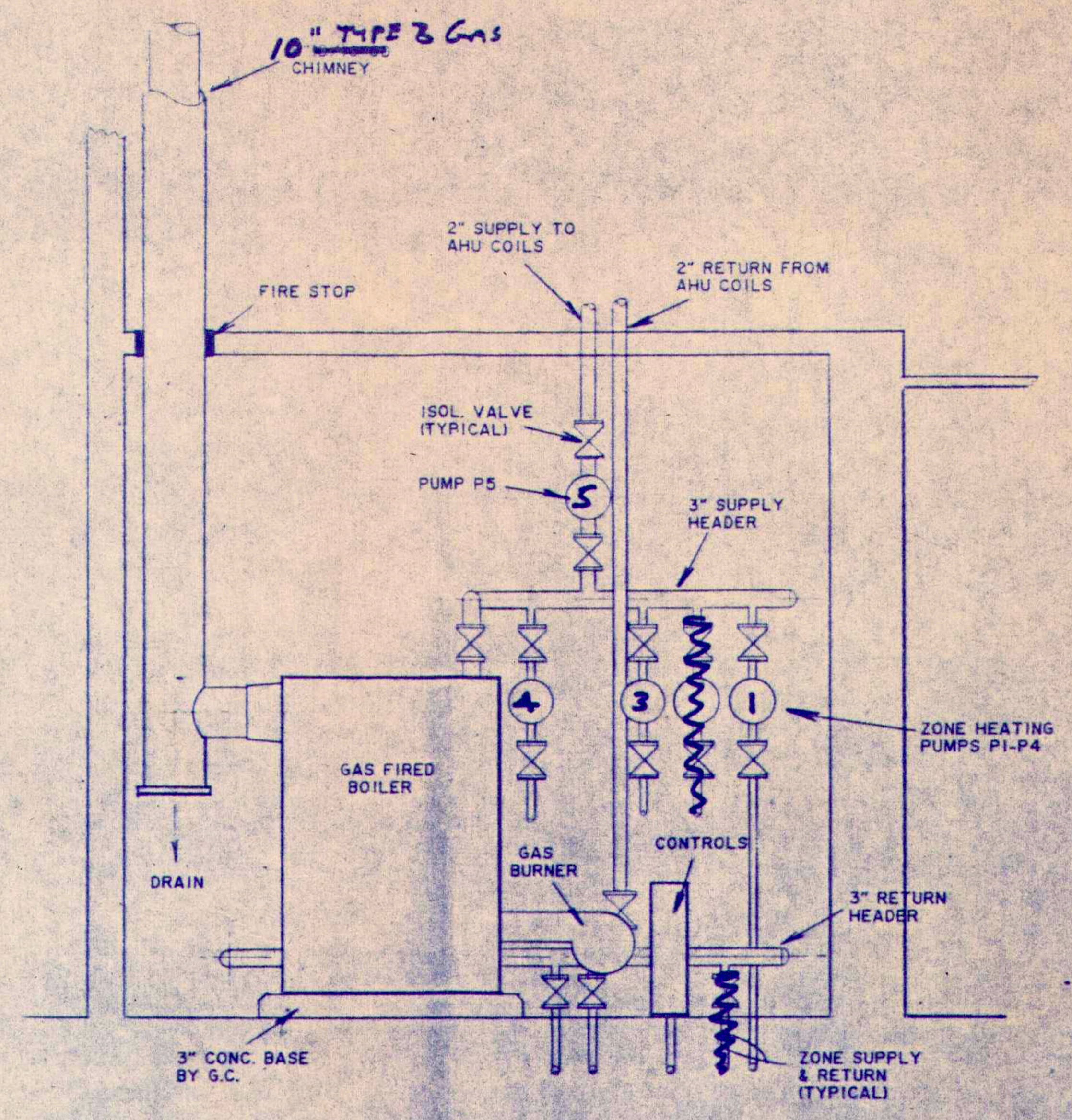
L1

Richard SCHOENHARDT ARCHITECTS



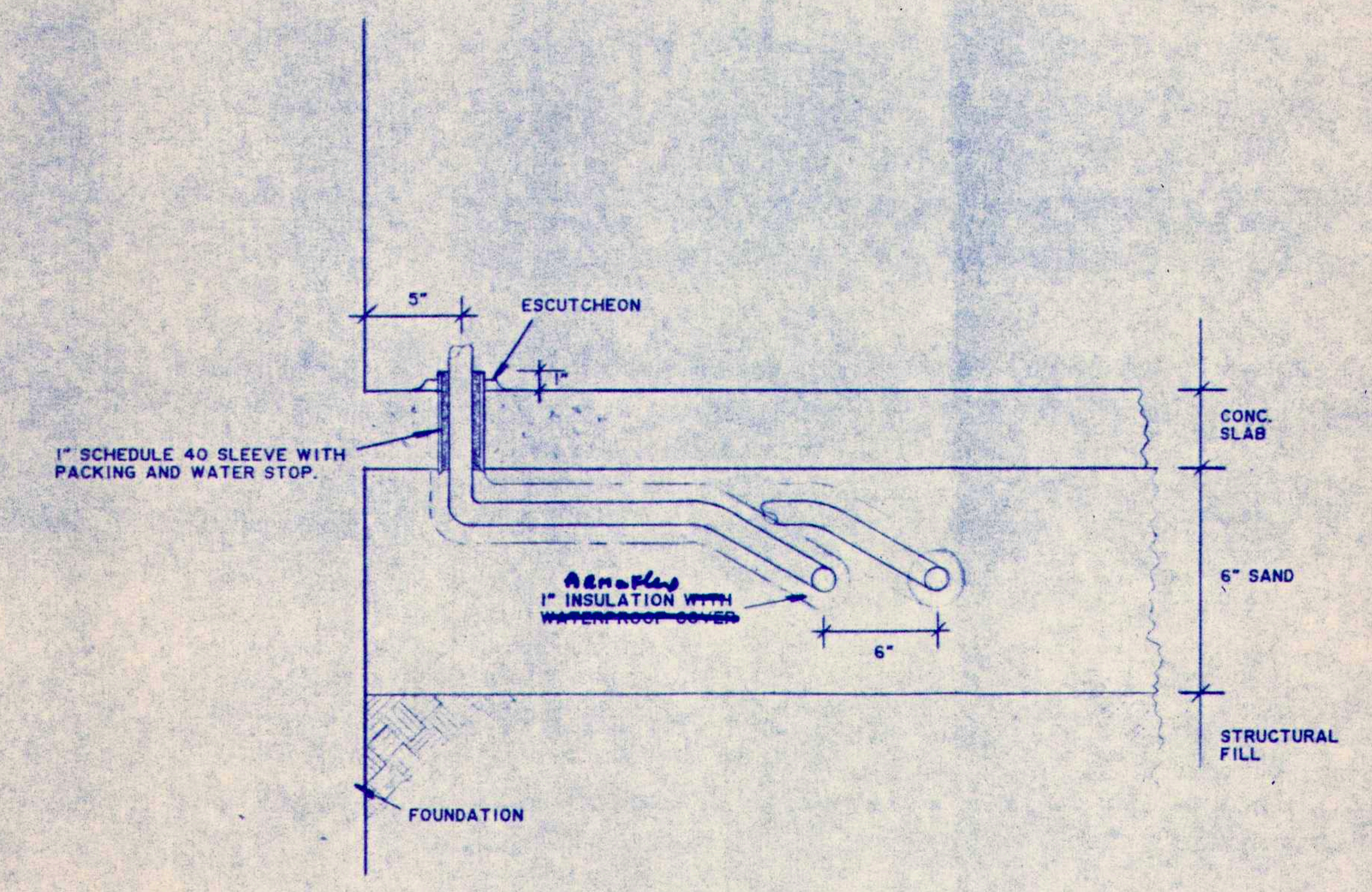
SECTION SHOWING TYPICAL LAYOUT OF HVAC SYSTEM

1/8" = 1'- 0"



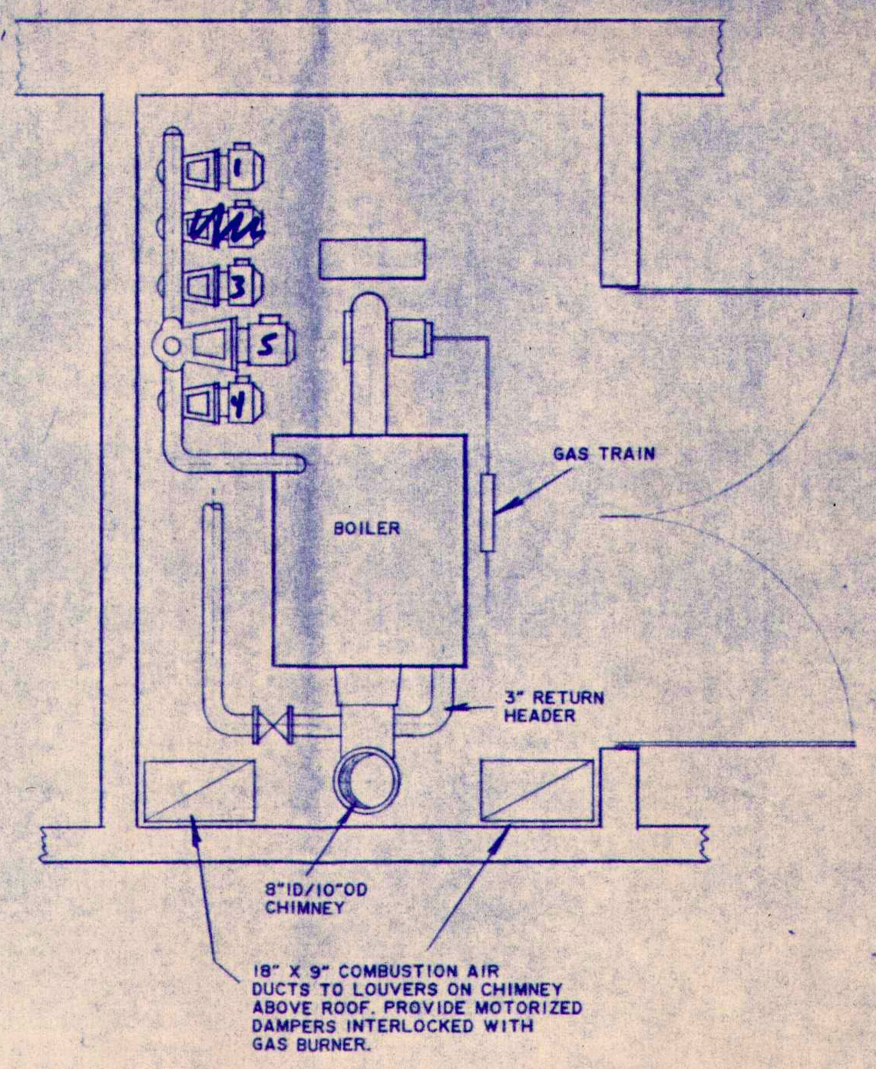
SECTION - BOILER ROOM

1/2" = 1'- 0"



DETAIL OF BASEBOARD PIPEWORK

NTS



PART PLAN - BOILER ROOM

1/2" = 1'- 0"

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Consulting Engineers
Box 323
Canton, Ct.
06019

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Plainville, Massachusetts

DATE: 1/21/88
DRAWN BY: KS
PROJECT NUMBER: 8635

BOILER ROOM & DETAILS

M5

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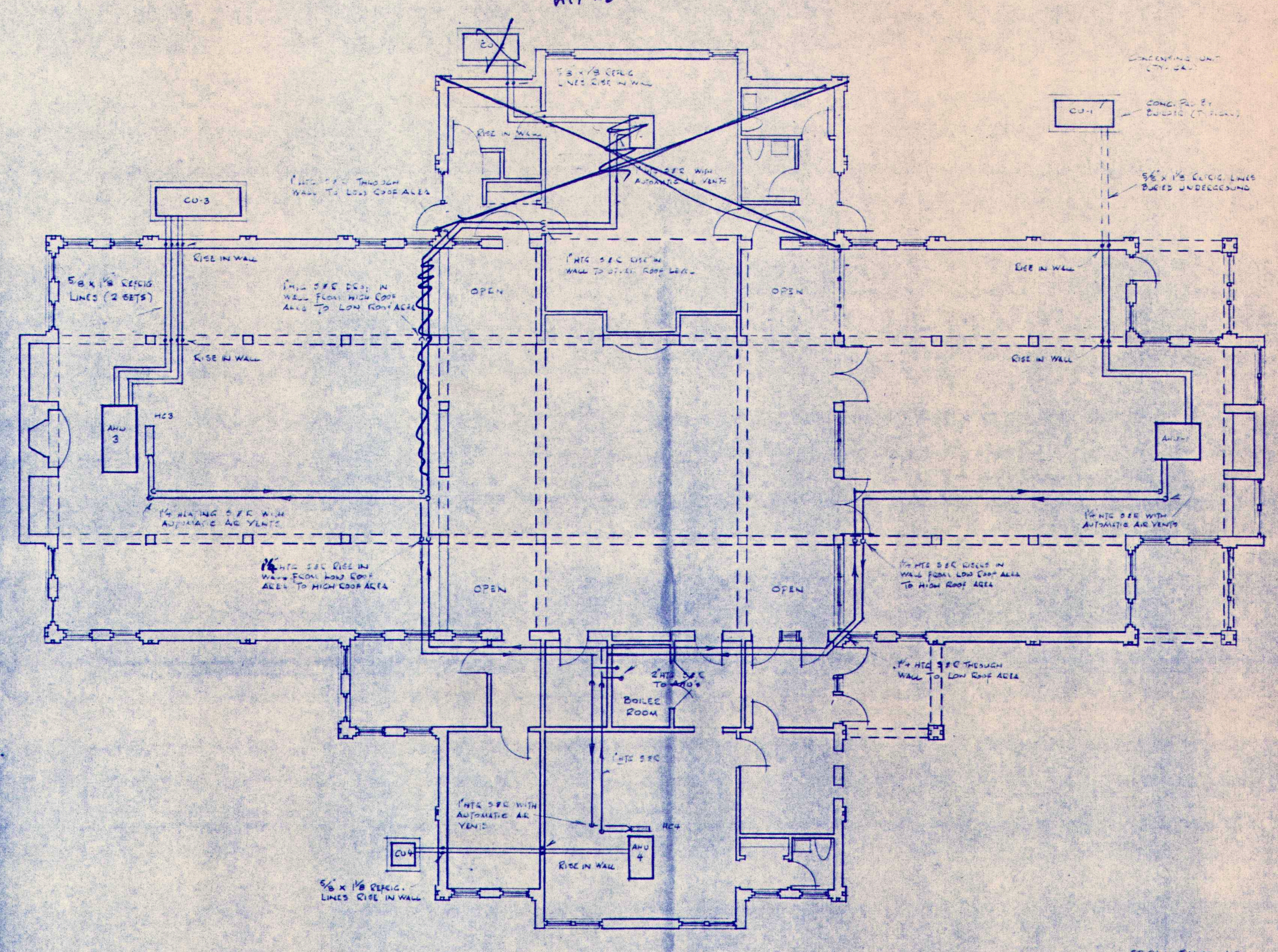
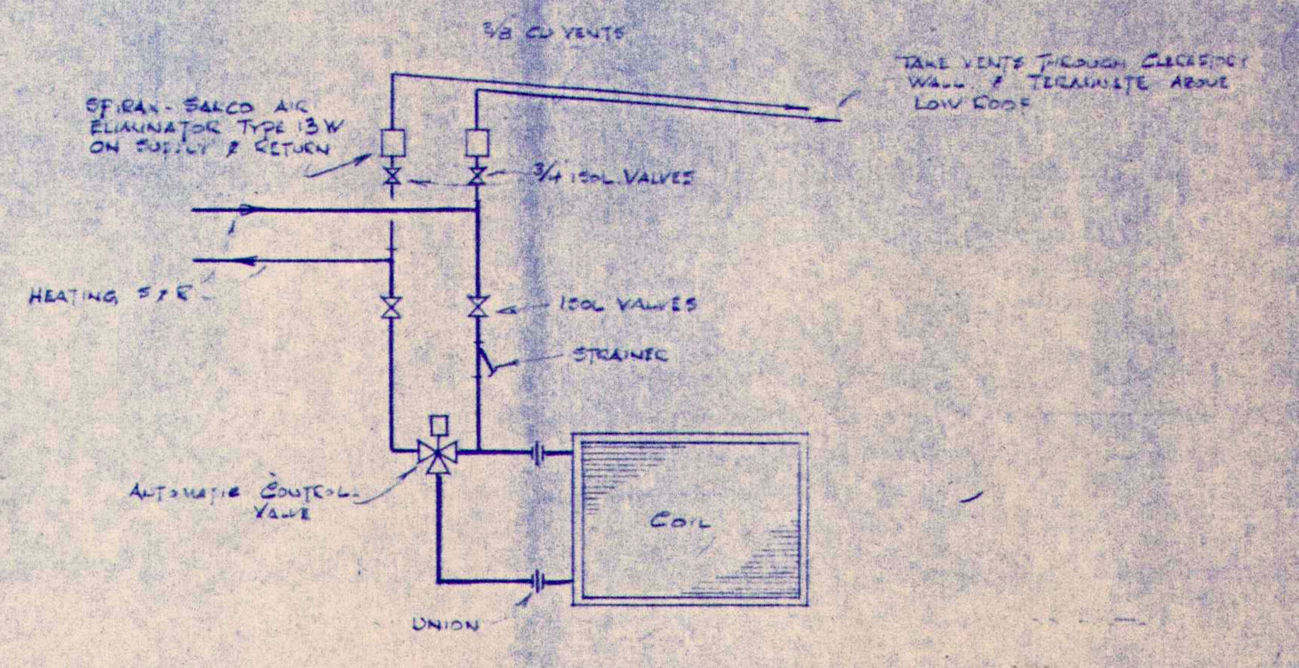


FLOOR PLAN

1/8" = 1'-0"



DETAIL OF HEATING COIL CONNECTIONS (NTS)

ERG INC.
Consulting
Engineers
Box 323
Canton, Ct.
06019

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HVAC PIPEWORK

M4

SCHOENHARDT ARCHITECTS

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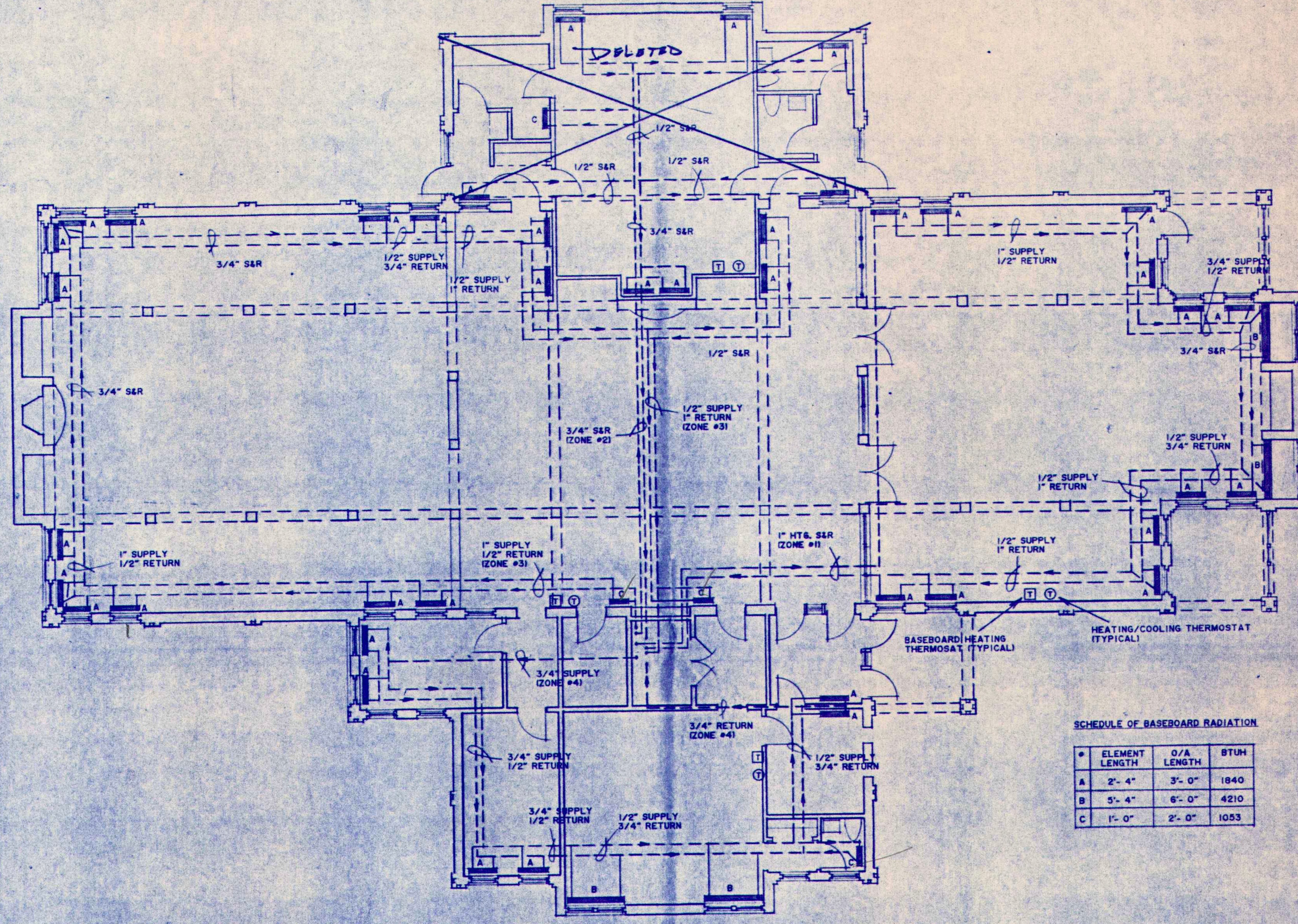
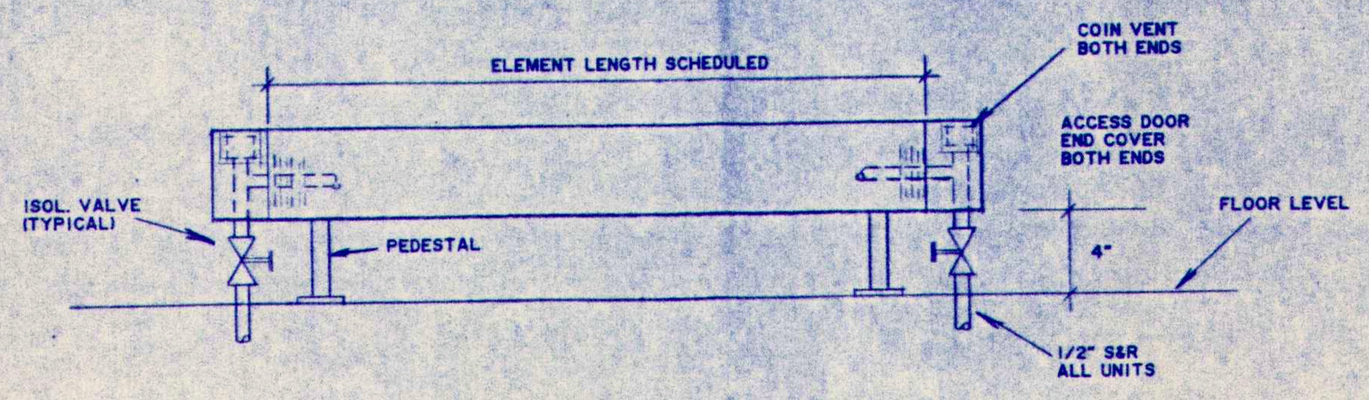


SCHEDULE OF BASEBOARD RADIATION

•	ELEMENT LENGTH	O/A LENGTH	BTUH
A	2'- 4"	3'- 0"	1840
B	5'- 4"	6'- 0"	4210
C	1'- 0"	2'- 0"	1053

FLOOR PLAN

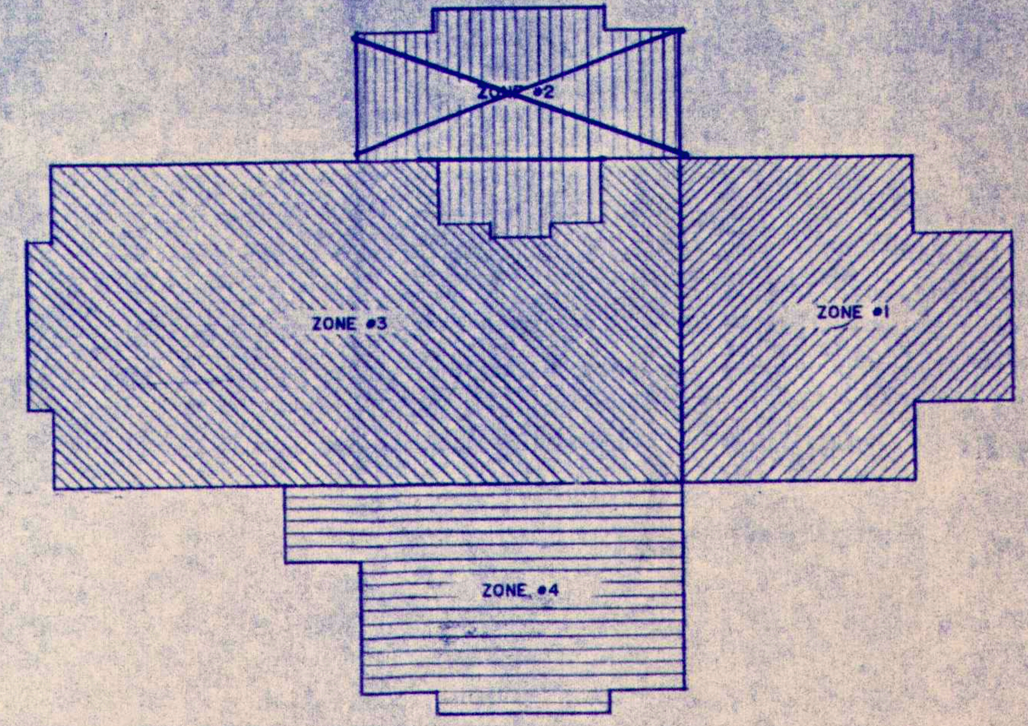
1/8" = 1'-0"



BASEBOARD RADIATION DETAIL

NTS

Zone 2 - Deleted
Alt #8



DETAIL OF BASEBOARD HEATING ZONES

NTS

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BASEBOARD RADIATION & PIPEWORK

M3

SCHOENHARDT ARCHITECTS
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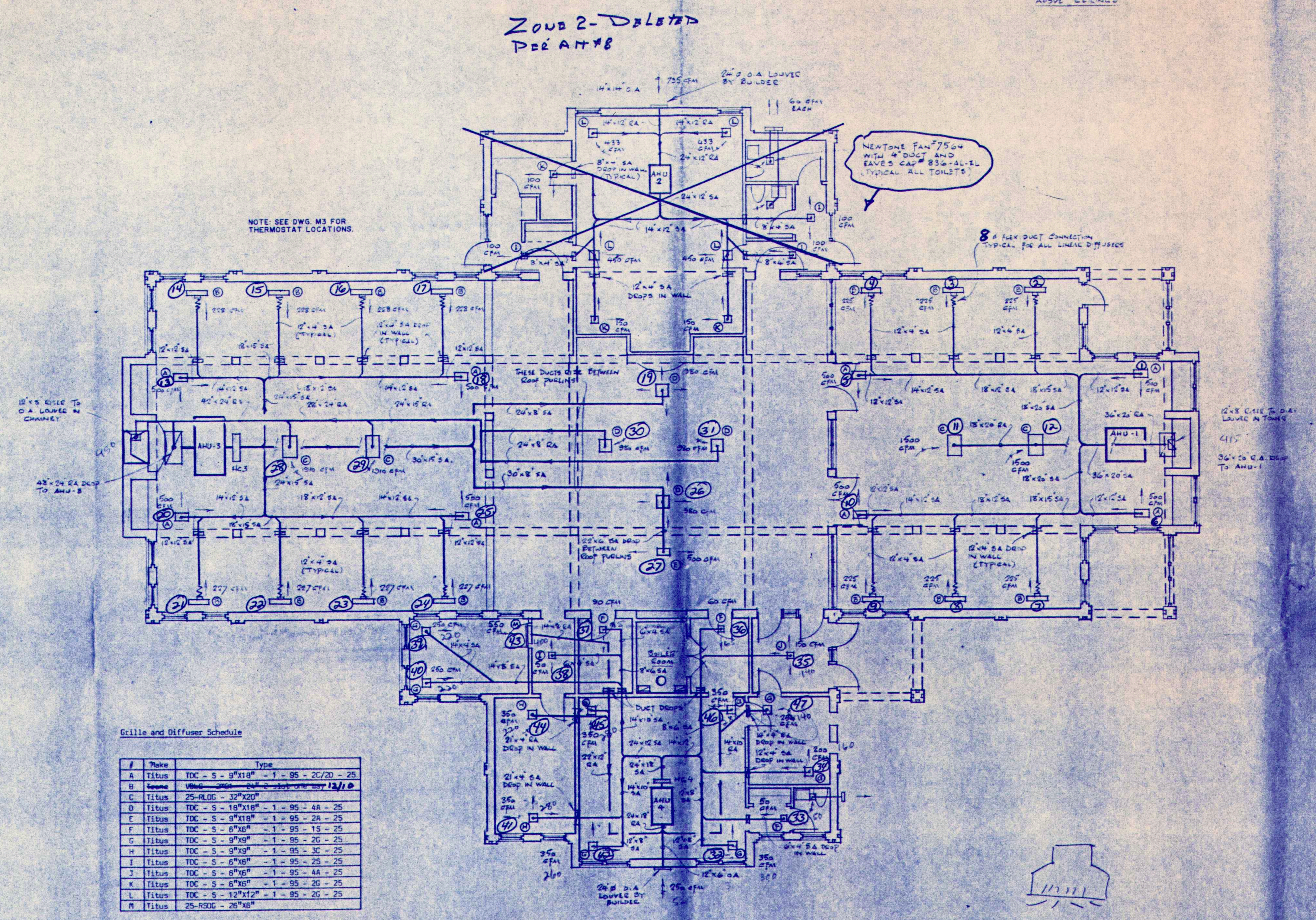

FLOOR PLAN

1/8" = 1'-0"

Grille and Diffuser Schedule

#	Make	Type
A	Titus	TDC - S - 9"X18" - 1 - 95 - 2C/2D - 25
B	~~Trane~~	~~VBLG ... 24" 2 slot one way~~ 12/10
C	Titus	25-RLDG - 32"X20"
D	Titus	TDC - S - 18"X18" - 1 - 95 - 4A - 25
E	Titus	TDC - S - 9"X18" - 1 - 95 - 2A - 25
F	Titus	TDC - S - 6"X6" - 1 - 95 - 1S - 25
G	Titus	TDC - S - 9"X9" - 1 - 95 - 2G - 25
H	Titus	TDC - S - 9"X9" - 1 - 95 - 3C - 25
I	Titus	TDC - S - 6"X6" - 1 - 95 - 2S - 25
J	Titus	TDC - S - 6"X6" - 1 - 95 - 4A - 25
K	Titus	TDC - S - 6"X6" - 1 - 95 - 2G - 25
L	Titus	TDC - S - 12"X12" - 1 - 95 - 2G - 25
M	Titus	25-RSDG - 26"X6"

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HVAC DUCTWORK

M2

SCHOENHARDT ARCHITECTS
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SCHEDULE OF AIR HANDLING UNITS

#	Description	CFM	ESP	TSP	EAT(°F)	LAT(°F)	MBH
AHU-1	Trane: BWE909C	3350	0.5"	0.6"	75/62.5	55.5/53.9	88.8
~~[illegible]~~	~~[illegible]~~	~~[illegible]~~	~~[illegible]~~	~~[illegible]~~	~~[illegible]~~	~~[illegible]~~	~~[illegible]~~
AHU-3	Trane: BWH1806	6280	0.35"	0.5"	74/62	55/53.4	165.5
AHU-4	Trane: BWE0600	2150	0.3"	0.4"	75/62.5	55.1/53.1	60.9

Schedule Of Heating Coils

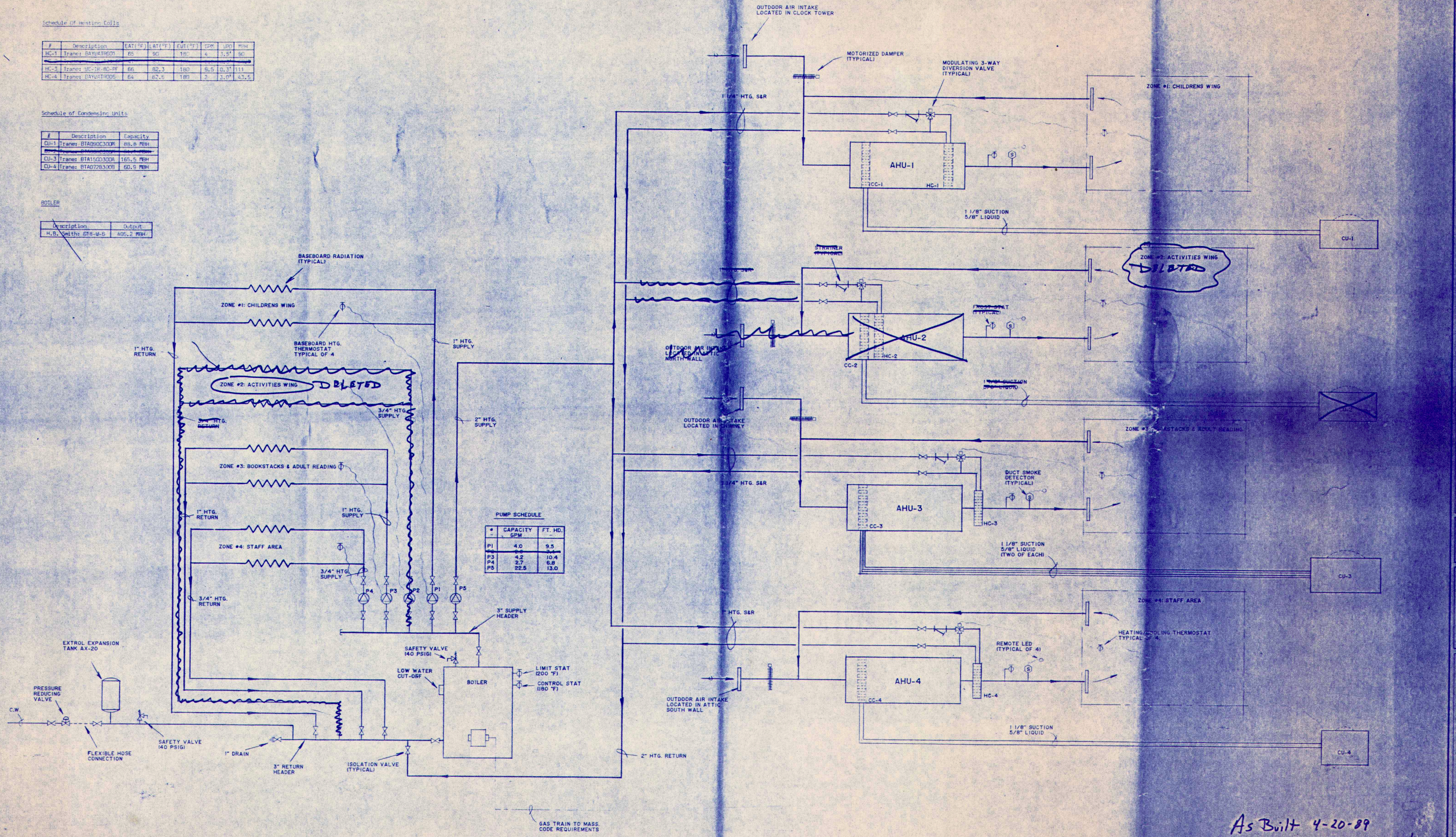
#	Description	EAT(°F)	LAT(°F)	EWT(°F)	GPM	WPD	MBH
HC-1	Trane: BAYWATR001	65	90	180	4	3.5'	90
~~[illegible]~~	~~[illegible]~~	~~[illegible]~~	~~[illegible]~~	~~[illegible]~~	~~[illegible]~~	~~[illegible]~~	~~[illegible]~~
HC-3	Trane: UC-1R-80-PF	66	82.3	180	9.5	0.3'	111
HC-4	Trane: BAYWATR006	64	82.5	180	2	3.0'	43.5

Schedule of Condensing Units

#	Description	Capacity
CU-1	Trane: BTA090C300M	88.8 MBH
~~[illegible]~~	~~[illegible]~~	~~[illegible]~~
CU-3	Trane: BTA150D300A	165.5 MBH
CU-4	Trane: BTA072B300B	60.9 MBH

BOILER

Description	Output
H.B. Smith: G18-W-6	405.2 MBH



PUMP SCHEDULE

#	CAPACITY GPM	FT. HD.
P1	4.0	9.5
~~P2~~	~~[illegible]~~	~~[illegible]~~
P3	4.2	10.4
P4	2.7	6.8
P5	22.5	13.0

As Built 4-20-89

QUALITY HTG. & AIR COND. CO., INC
1631 Hyde Park Avenue
Boston, Mass. 02136
(617) 361-3100

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Engineers
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HVAC FLOW DIAGRAM
NTS

MI

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