

TROY – MIAMI COUNTY PUBLIC LIBRARY

419 WEST MAIN STREET
TROY, OHIO

RICHARD LEVIN ASSOCIATES INC.

RICHARD G. SHELL, P.E.
HEAPY & ASSOC.

ARCHITECTS

STRUCTURAL ENGINEERS
MECH. & ELEC. ENGINEERS

INDEX TO DRAWINGS

<u>ARCHITECTURAL</u>	
101	SITE PLAN AND DETAILS
102	LOWER LEVEL PLAN: INTERIOR ELEVATIONS
103	GROUND LEVEL PLAN: DETAILS
104	EXTERIOR ELEVATIONS
105	LONGITUDINAL AND TRANSVERSE SECTIONS
106	WALL SECTIONS
107	WALL SECTIONS
108	ROOF PLAN AND DETAILS
109	ENTRANCES, WINDOWS AND DOORS
110	REFLECTED CEILING PLANS
<u>STRUCTURAL</u>	
S1	FOUNDATION PLAN AND DETAILS
S2	GROUND LEVEL FRAMING PLAN AND DETAILS
S3	ROOF FRAMING PLAN
S4	ROOF TRUSS DETAILS; STAIR DETAILS
S5	ALTERNATE FOUNDATION AND GROUND LEVEL PLANS
<u>PLUMBING</u>	
P1	PLOT PLAN
P2	LOWER LEVEL PLAN: SUPPLY PIPING
P3	GROUND LEVEL PLAN: SOIL, WASTE AND VENT
<u>HVAC</u>	
M1	LOWER LEVEL PLAN: SCHEDULES
M2	GROUND LEVEL PLAN
<u>ELECTRICAL</u>	
E1	LOWER LEVEL PLAN
E2	GROUND LEVEL PLAN
E3	SCHEDULES

SYMBOLS

	SOIL		WOOD (ROUGH)
	GRAVEL		RIGID INSULATION
	CONCRETE *		ROOM NUMBER
	CONCRETE * BLOCK		NEW ELEVATION
	FACE * BRICK		DETAIL 4 ON SAME SHEET
	STEEL		DETAIL 4 ON SHEET 103
	METAL (SMALL SCALE)		DOOR IDENTIFICATION
	WOOD (FINISHED)		WINDOW TYPE
	BLANKET INSULATION	* SEE PLAN SHEETS FOR KEY TO PLAN SYMBOLS.	

ROOM FINISH SCHEDULE		ABABA - BASE BID FINISHES (BABA) - ALTERNATE FINISHES
FIRST LETTER - WALLS	FOURTH LETTER - CEILING	
A PAINTED BLOCK	A EXPOSED STUCCO	UNPAINTED
B PAINTED BRICK	B GYP. BD. PAINTED	
C UNPAINTED BRICK	C GYP. BD. PAINTED	
D UNPAINTED BRICK	D GYP. BD. PAINTED	
E UNPAINTED BRICK	E GYP. BD. PAINTED	
F UNPAINTED BRICK	F GYP. BD. PAINTED	
G UNPAINTED BRICK	G GYP. BD. PAINTED	
H UNPAINTED BRICK	H GYP. BD. PAINTED	
I UNPAINTED BRICK	I GYP. BD. PAINTED	
J UNPAINTED BRICK	J GYP. BD. PAINTED	
K UNPAINTED BRICK	K GYP. BD. PAINTED	
L UNPAINTED BRICK	L GYP. BD. PAINTED	
M UNPAINTED BRICK	M GYP. BD. PAINTED	
N UNPAINTED BRICK	N GYP. BD. PAINTED	
O UNPAINTED BRICK	O GYP. BD. PAINTED	
P UNPAINTED BRICK	P GYP. BD. PAINTED	
Q UNPAINTED BRICK	Q GYP. BD. PAINTED	
R UNPAINTED BRICK	R GYP. BD. PAINTED	
S UNPAINTED BRICK	S GYP. BD. PAINTED	
T UNPAINTED BRICK	T GYP. BD. PAINTED	
U UNPAINTED BRICK	U GYP. BD. PAINTED	
V UNPAINTED BRICK	V GYP. BD. PAINTED	
W UNPAINTED BRICK	W GYP. BD. PAINTED	
X UNPAINTED BRICK	X GYP. BD. PAINTED	
Y UNPAINTED BRICK	Y GYP. BD. PAINTED	
Z UNPAINTED BRICK	Z GYP. BD. PAINTED	

SET #69



SURVEY NOTE:

ALL INFORMATION PERTAINING TO EXISTING GROUND, BUILDING TOPOGRAPHY, UTILITIES WAS TAKEN FROM AN ORIGINAL SURVEY DATED 1973. THE SURVEY WAS PREPARED BY THE ENGINEERS, SURVEYORS, TROY, OHIO, DATED FEB. 28, 1973. ARCHITECT ASSUMES NO RESPONSIBILITY FOR ACCURACY OF ANY DATA TAKEN FROM SAID DRAWING.

CITY OF TROY BENCHMARKS

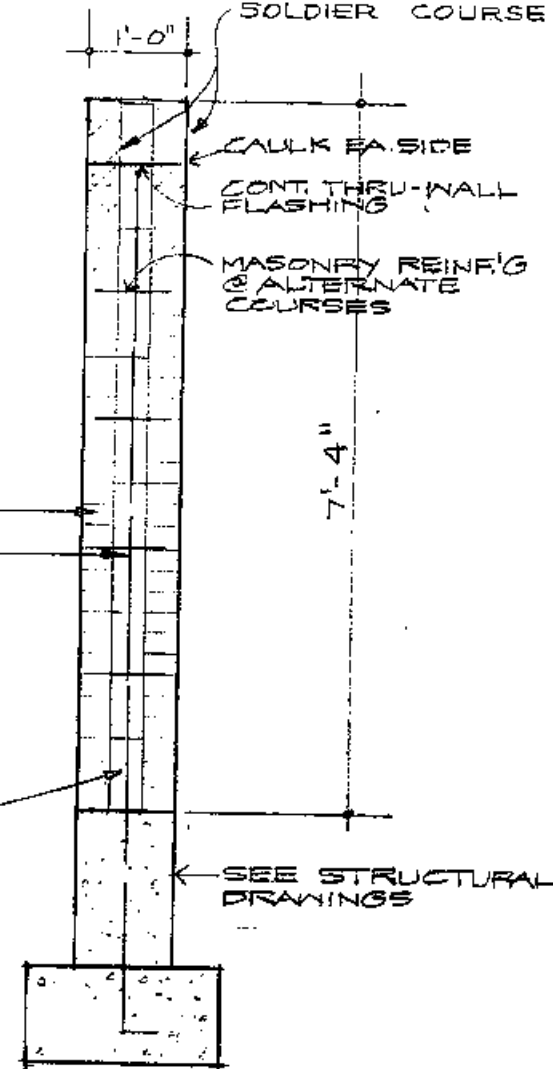
#1 LINE ON BRASS BOLT AT SOUTHWEST CORNER MIAMI COUNTY COURTHOUSE ELEVATION = 841.048
#152 S.E. CORNER OF SECOND STEP AT MAIN STREET ENTRANCE TO HOBART 8205. OFFICE BLDG. ELEVATION = 833.87

1 TYPICAL CURB

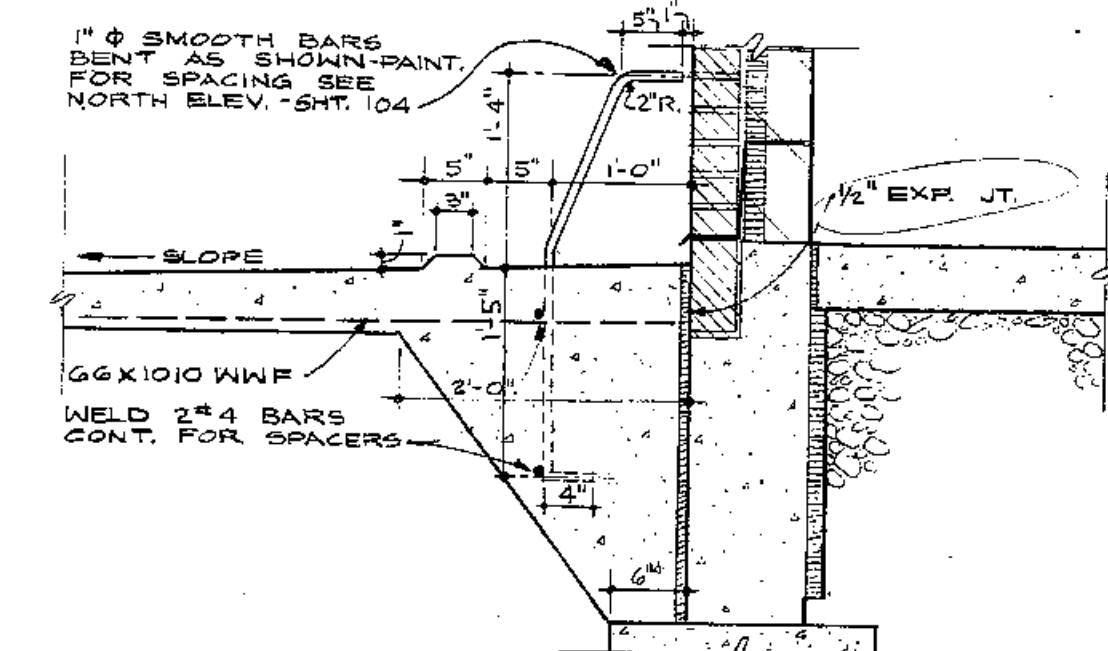
2 LOW WALL (SEE ALTERNATE G-8)

SITE PLAN SYMBOLS

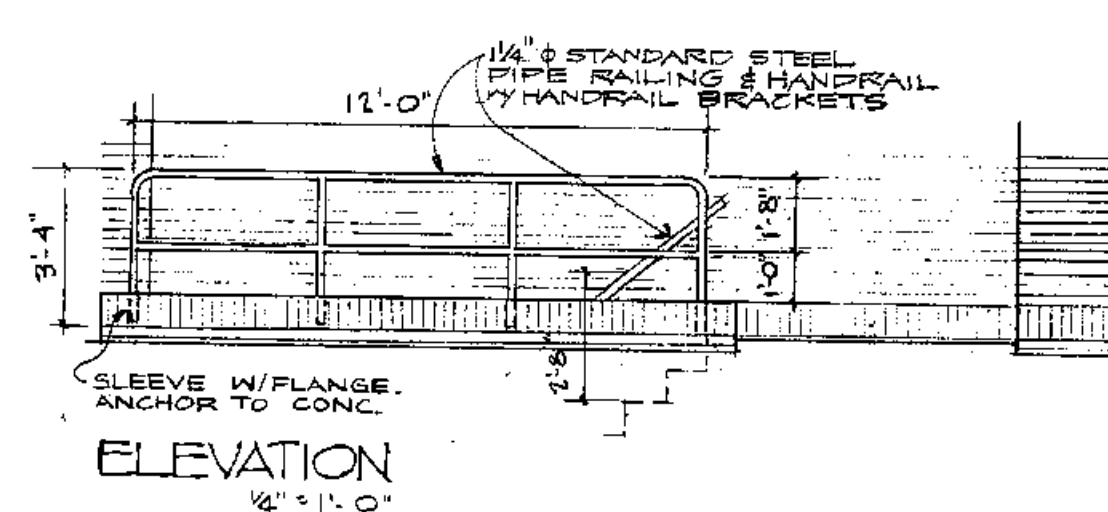
- LIMITS OF ALTERNATE INDICATED
- EXISTING SPOT ELEVATIONS
- NEW SPOT ELEVATIONS IN FEET & INCHES
- NEW CONCRETE SURFACE
- CATCH BASIN



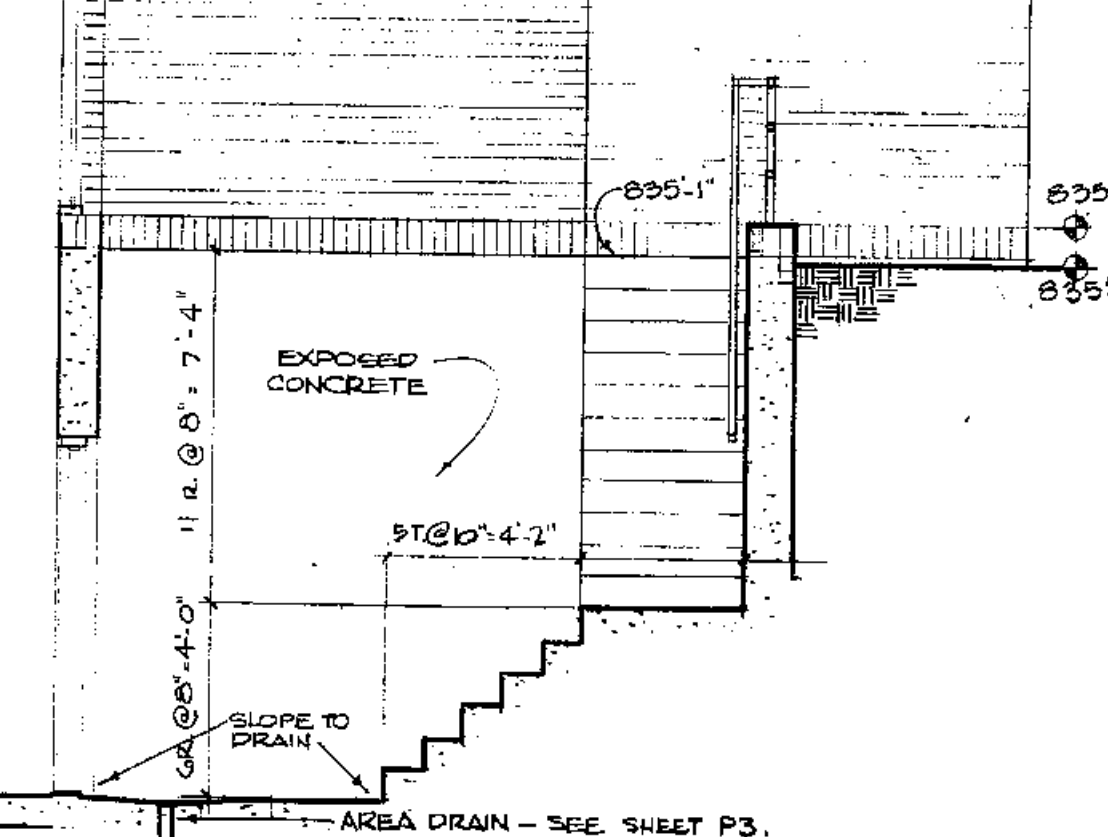
1 SECTION THRU COURT WALL



2 SECTION THRU BIKE RACK



3 EXTERIOR STAIR DETAILS (WEST)



SECTION

3 EXTERIOR STAIR DETAILS (WEST)

(EAST STAIRS OPPOSITE HAND)
SEE STRUCTURAL DRAWINGS

PROJECT NO. 7244
DRAWN BY: MD
CHECKED:
APPROVED:
PRELIM APPROVAL:
FINAL APPROVAL:
ISSUED 7-19-74

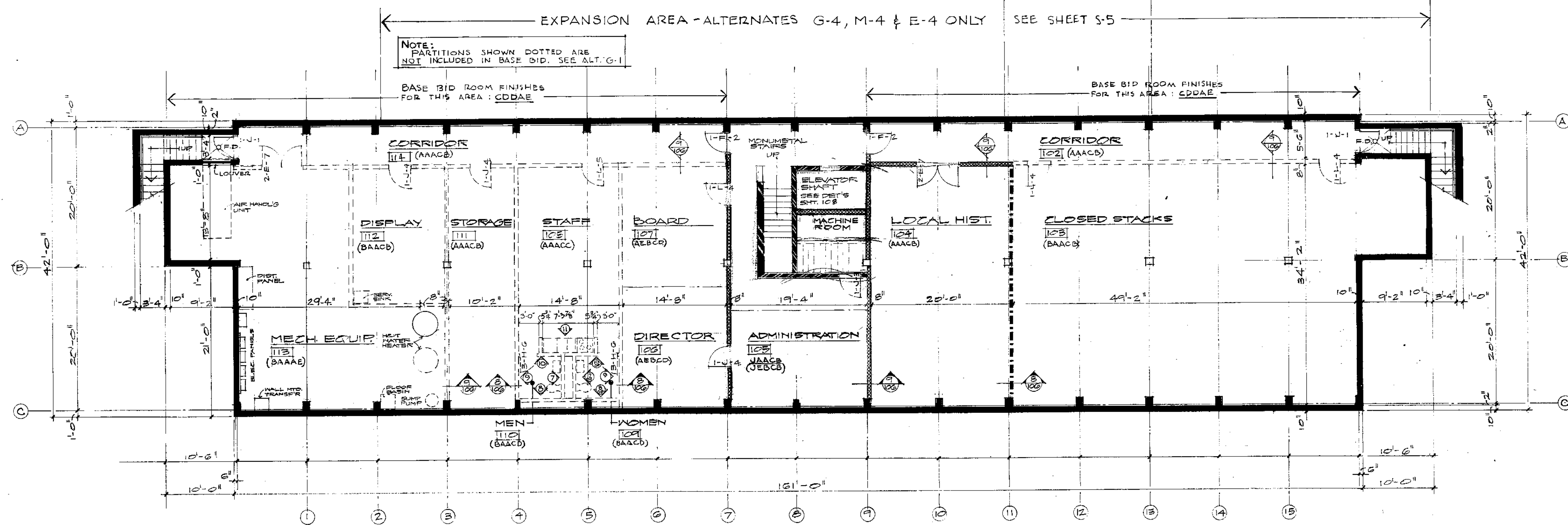
RICHARD LEVIN ASSOCIATES INC. ARCHITECTS
24 NORTH JEFFERSON STREET DAYTON, OHIO 45402 513-224-1931

TROY-MIAMI COUNTY PUBLIC LIBRARY

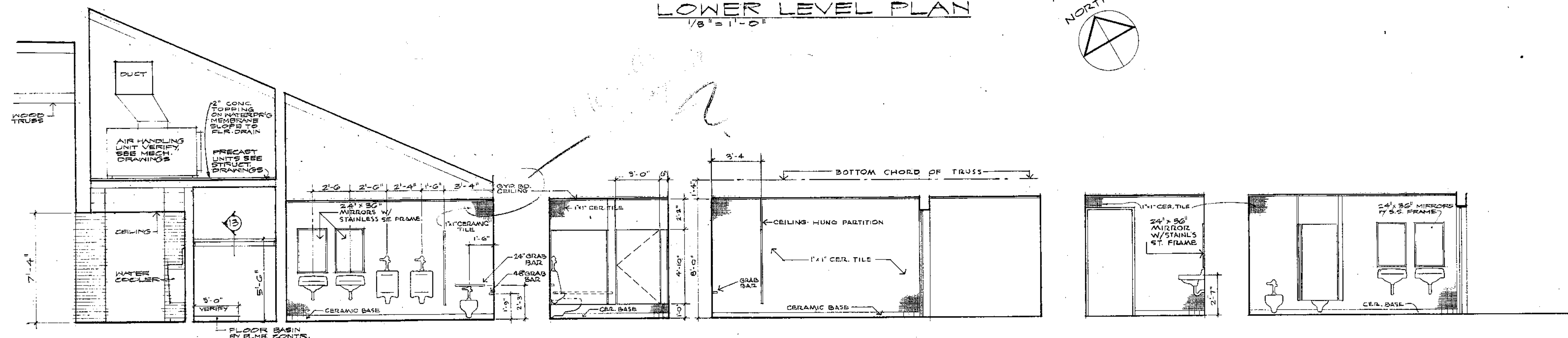
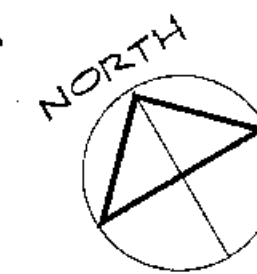


SITE PLAN 1" = 20'

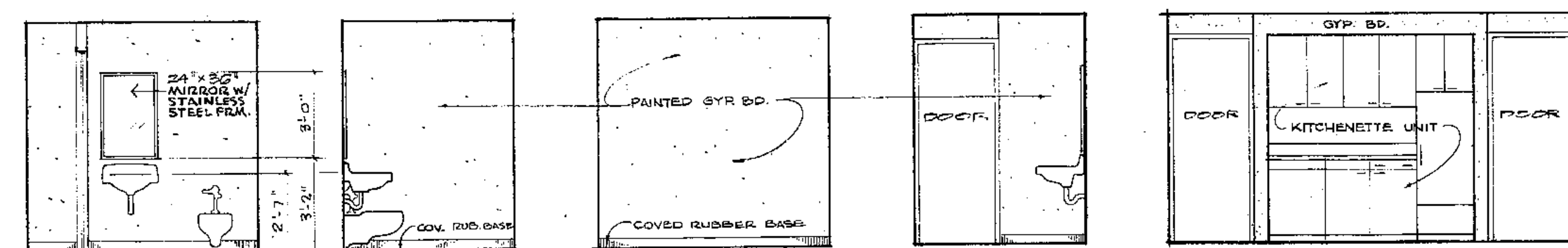
BASE BID ROOM FINISHES
FOR THIS AREA: CDDAE



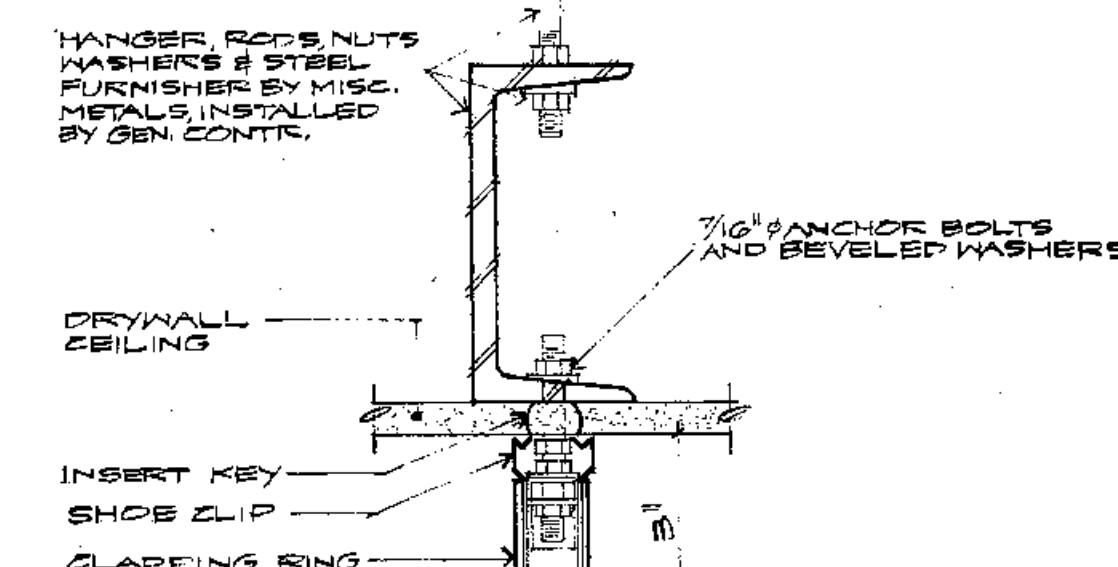
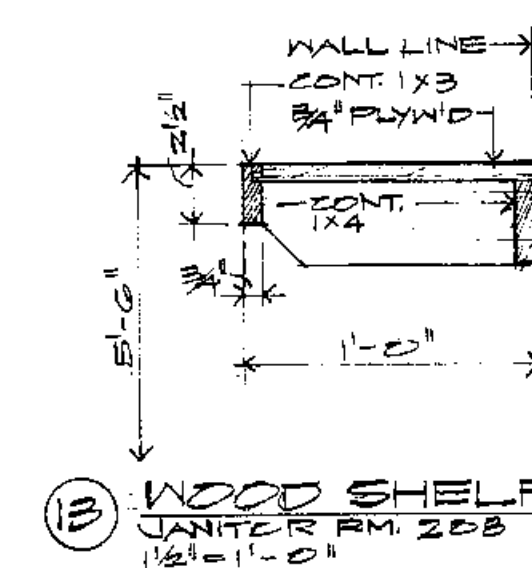
LOWER LEVEL PLAN
 $\frac{1}{8}'' = 1' - 0''$



ELEVATION ① ELEVATION ② ELEV. ③④ ELEVATION ④⑤ ELEV. ⑤⑥ ELEVATION ⑥
TOILET ROOMS 209 & 210



ELEV. 7(7) ELEV. 8(8) ELEV. 9 ELEV. 10(10) ELEVATION 11
 _____ ALTERNATE NO. $\frac{1}{4}'' = 1' - 0''$



(12) ZEILING HUNG
TOILET PARTITION

[illegible]

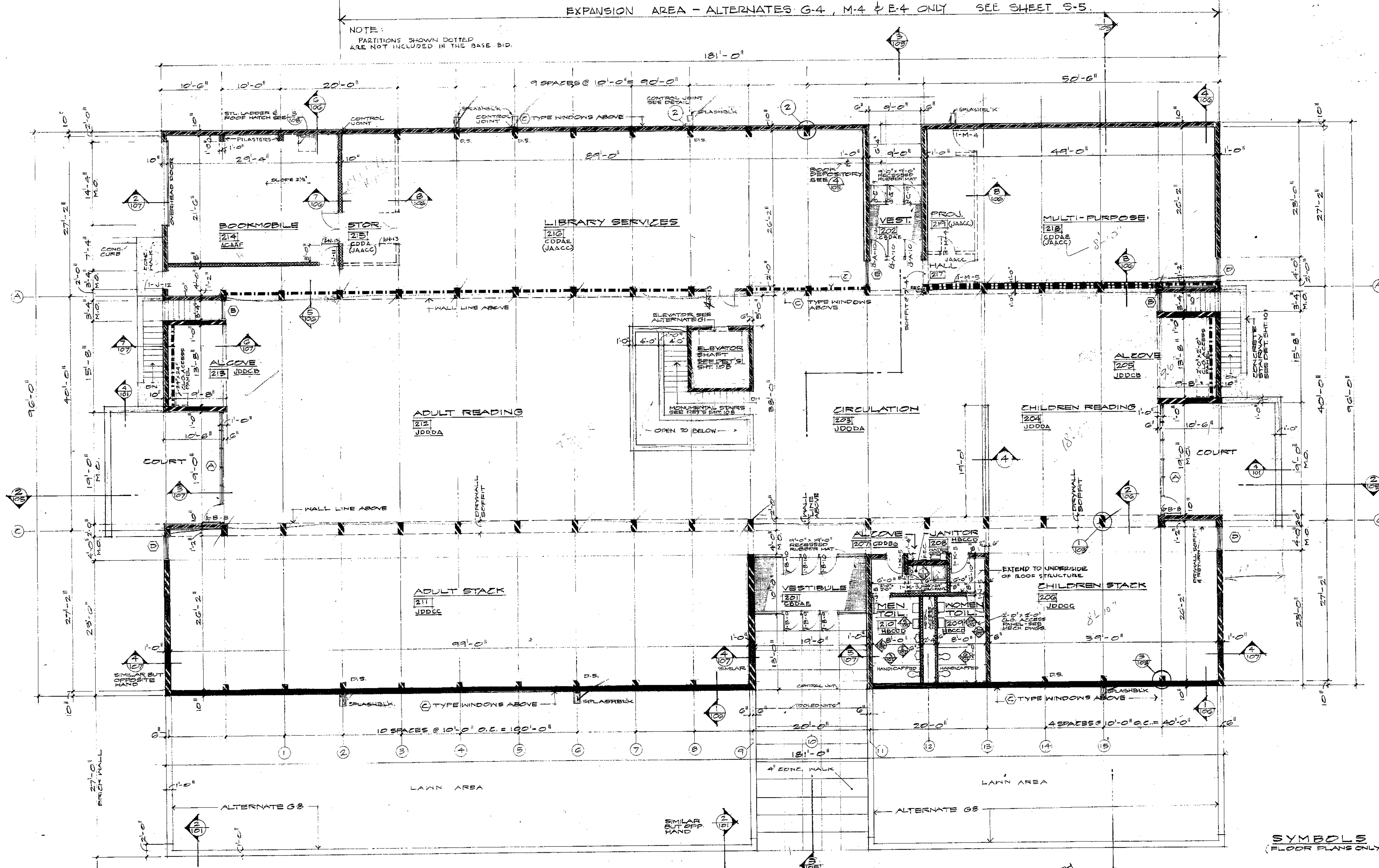
PROJECT NO. 7244
DRAWN BY MD
CHECKED
APPROVED
PRELIM APPROVAL
FINAL APPROVAL
ISSUED 7-19-74



RICHARD LEVIN ASSOCIATES INC. ARCHITECTS
24 NORTH JEFFERSON STREET DAYTON, OHIO 45402 513-224-1931

TROY-MIAMI COUNTY PUBLIC LIBRARY

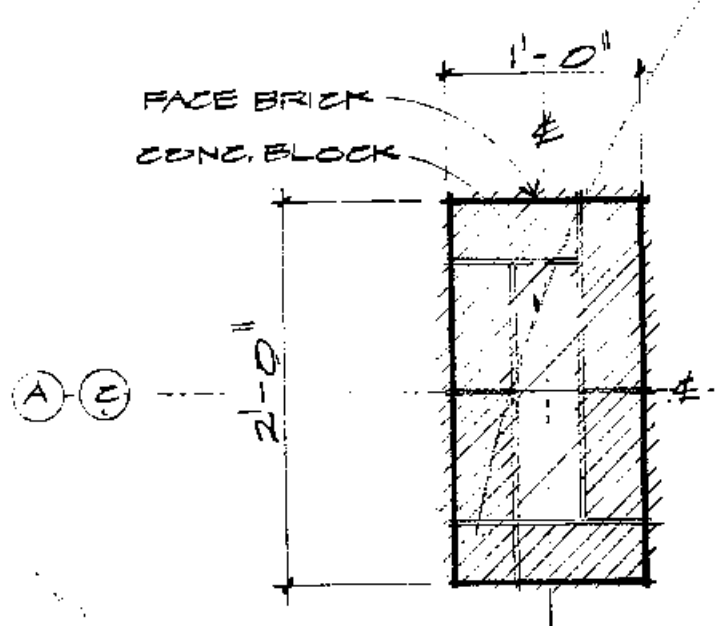
NOTE:
PARTITIONS SHOWN DOTTED
ARE NOT INCLUDED IN THE BASE BID.



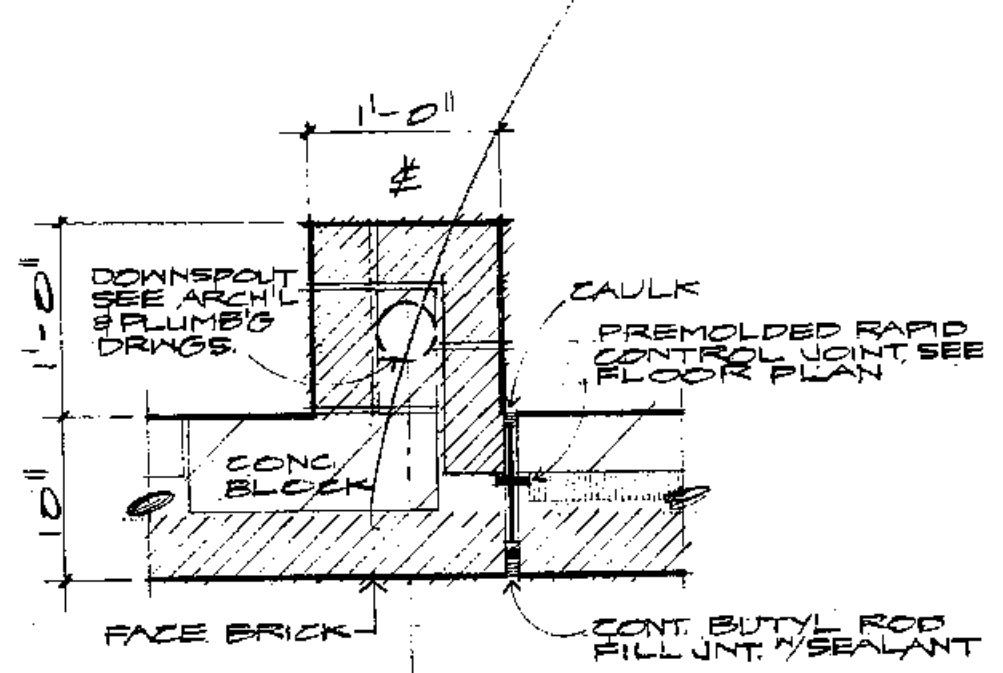
GROUND LEVEL PLAN
SCALE: 1/8" = 1'-0"

SYMBOLS
(FLOOR PLANS ONLY)

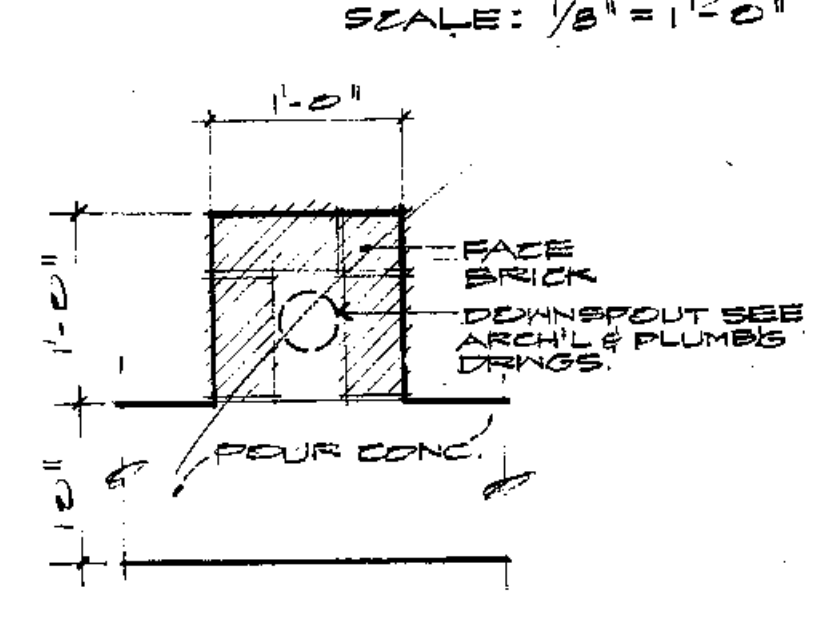
- POURED CONCRETE
- CONCRETE BLOCK
- 8" THK. WALL - BRICK & 4" CONC. BLOCK (SOLID)
- 10" & 12" THK. WALLS - BRICK / CONC. BLOCK CAVITY WALLS WITH RIGID INSULATION
- CAVITY WALL - BRICK & CONC. BLOCK EACH FACE 1/2" CONC. BLOCK AND RIGID INSULATION IN CORE
- WOOD STUDS OR METAL STUDS PARTITIONS AND DRYWALL



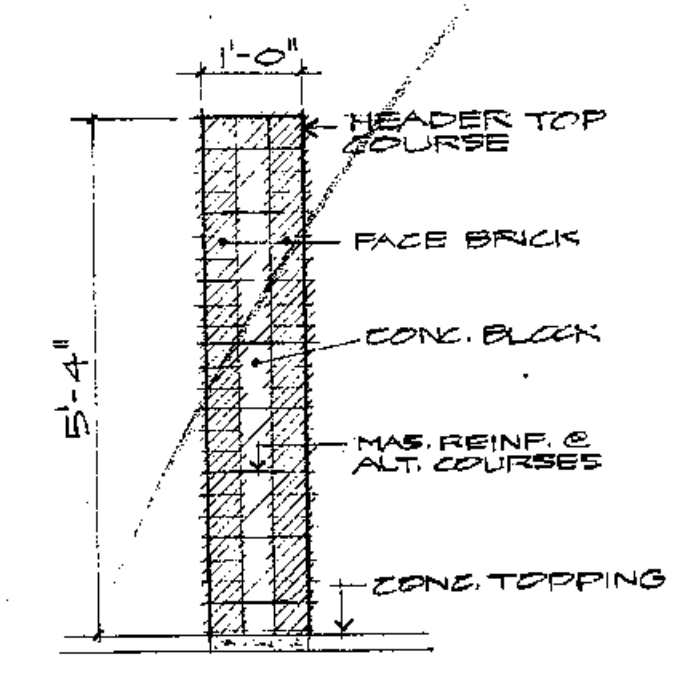
1 INTERIOR COLUMNS



2 TYPICAL PILASTER @ NORTH WALL



3 TYPICAL PILASTER @ SOUTH WALL



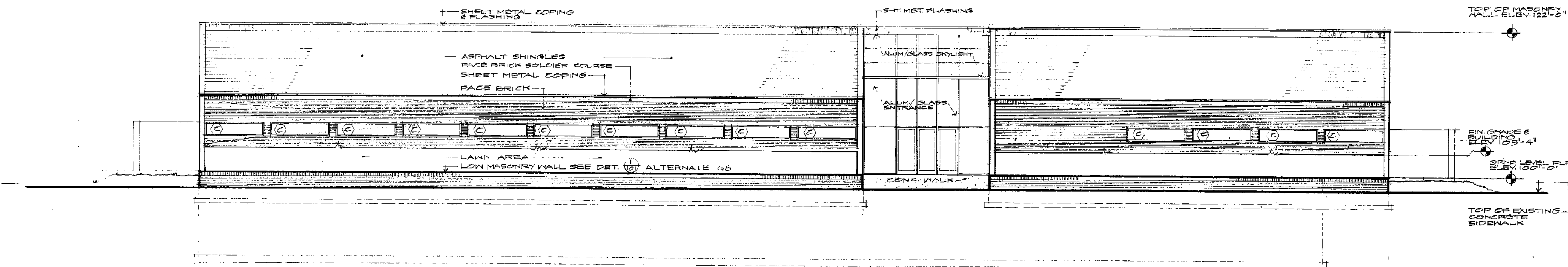
4 DISPLAY WALL @ RM. 204
SC: 1/2" = 1'-0"

PROJECT NO. 724-4
DRAWN BY
CHECKED
APPROVED
PRELIM APPROVAL
FINAL APPROVAL
ISSUED 7-19-74

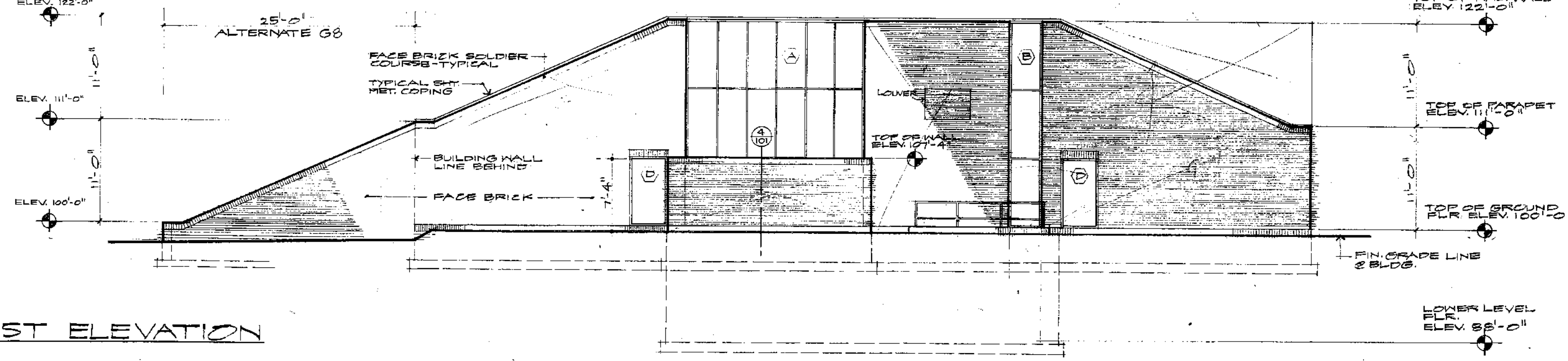


RICHARD LEVIN ASSOCIATES INC. ARCHITECTS
24 NORTH JEFFERSON STREET DAYTON, OHIO 45402 513-224-1931

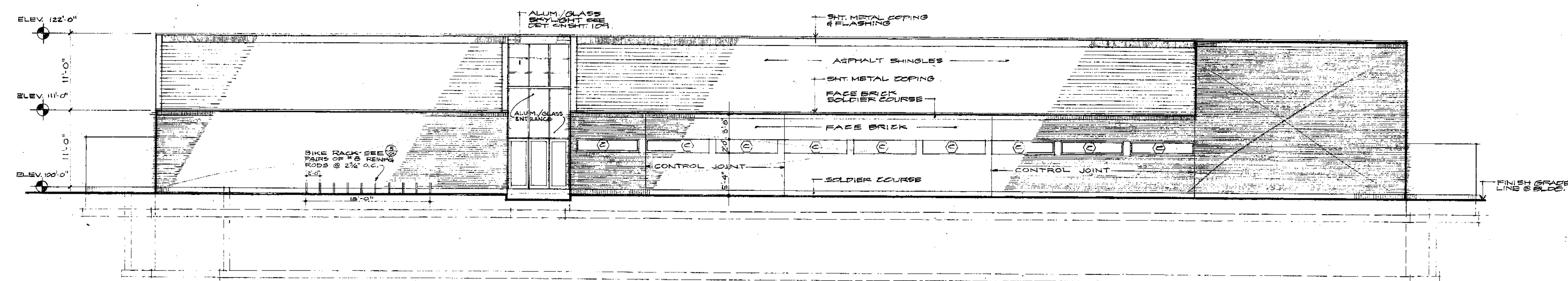
TROY-MIAMI COUNTY PUBLIC LIBRARY



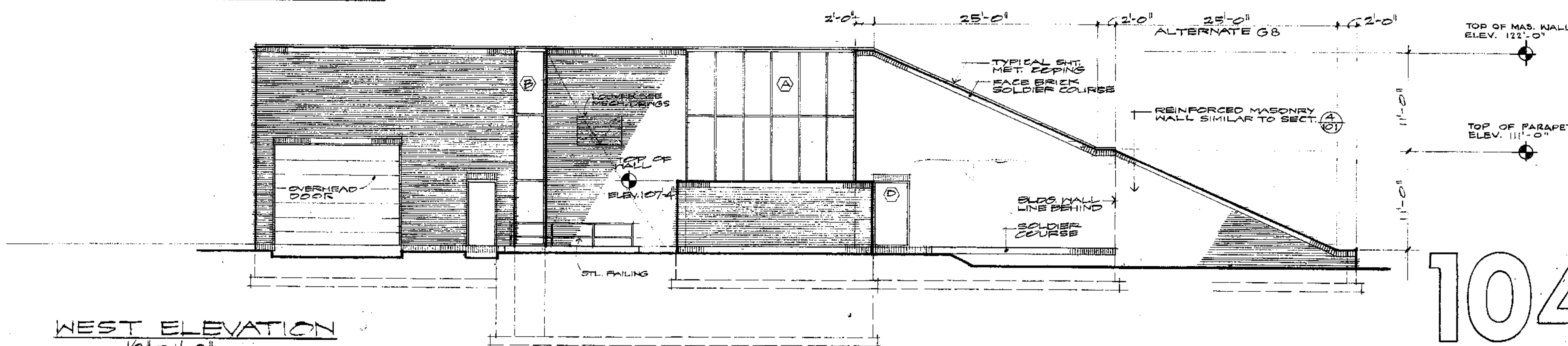
SOUTH ELEVATION



EAST ELEVATION

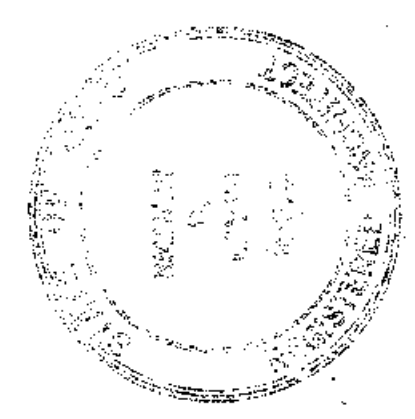


NORTH ELEVATION



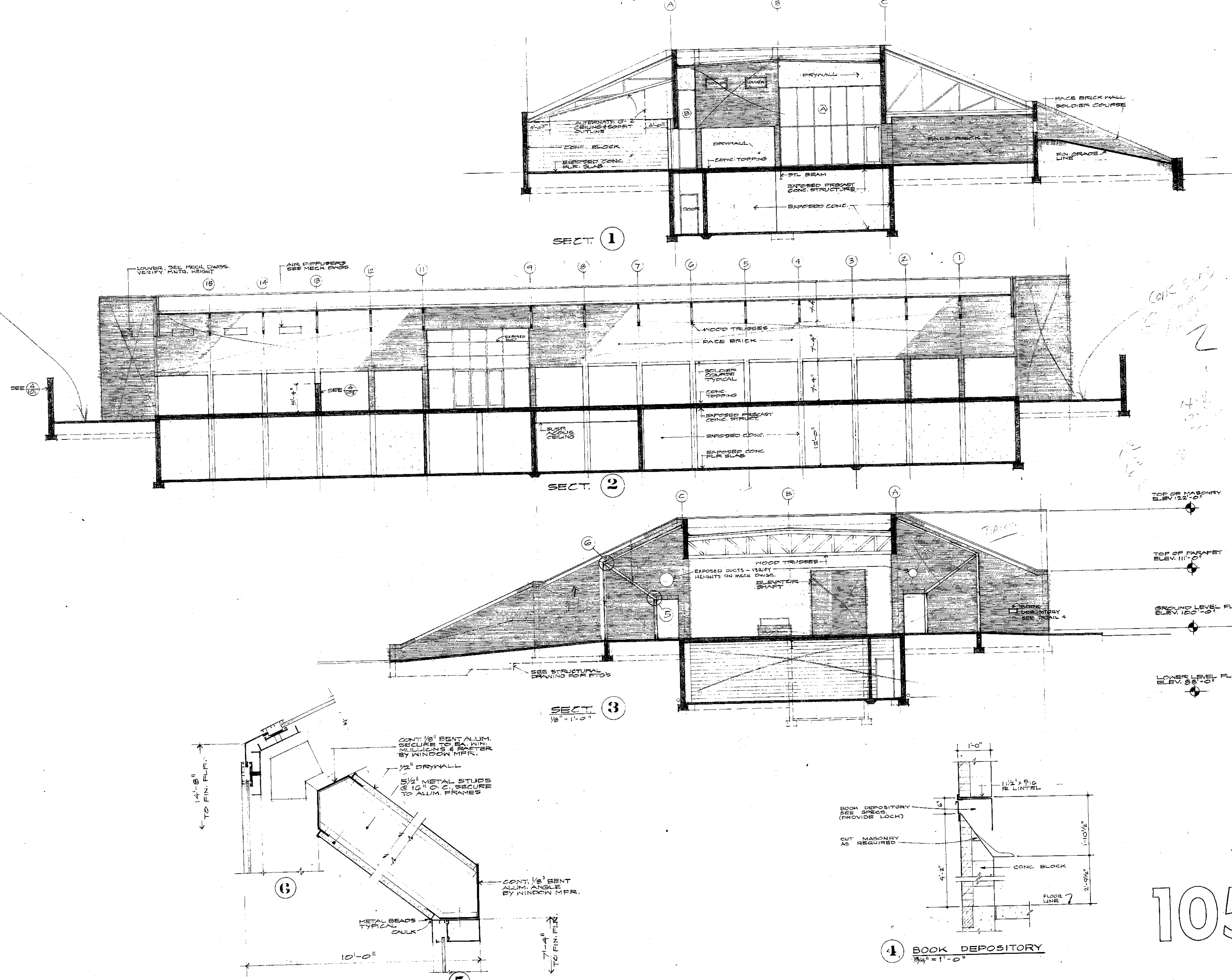
WEST ELEVATION

PROJECT NO. 7244
 DRAWN BY
 CHECKED
 APPROVED
 PRELIM APPROVAL
 FINAL APPROVAL
 ISSUED 7-19-74



RICHARD LEVIN ASSOCIATES INC. ARCHITECTS
 24 NORTH JEFFERSON STREET DAYTON, OHIO 45402 513-224-1931

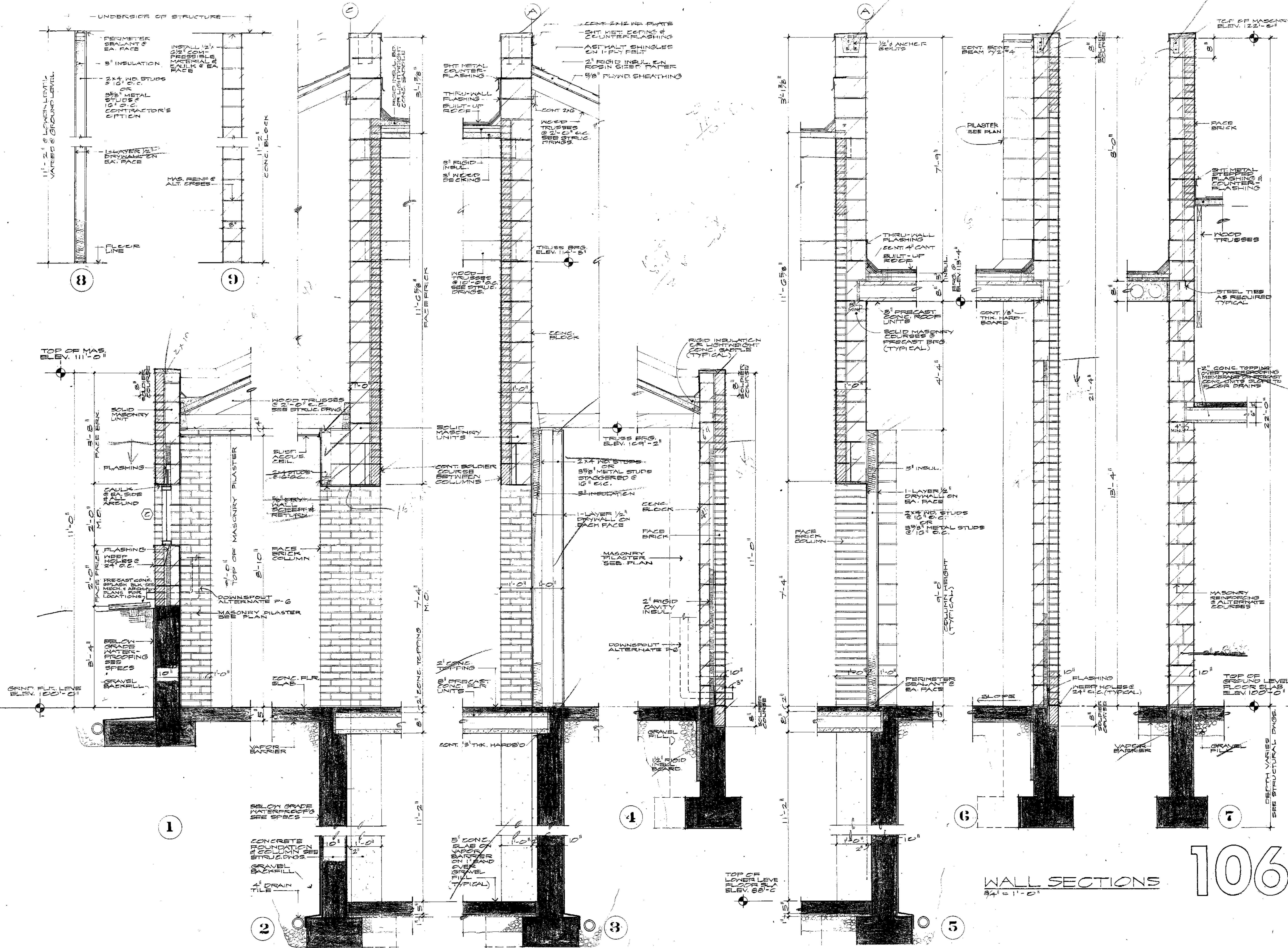
TROY-MIAMI COUNTY PUBLIC LIBRARY

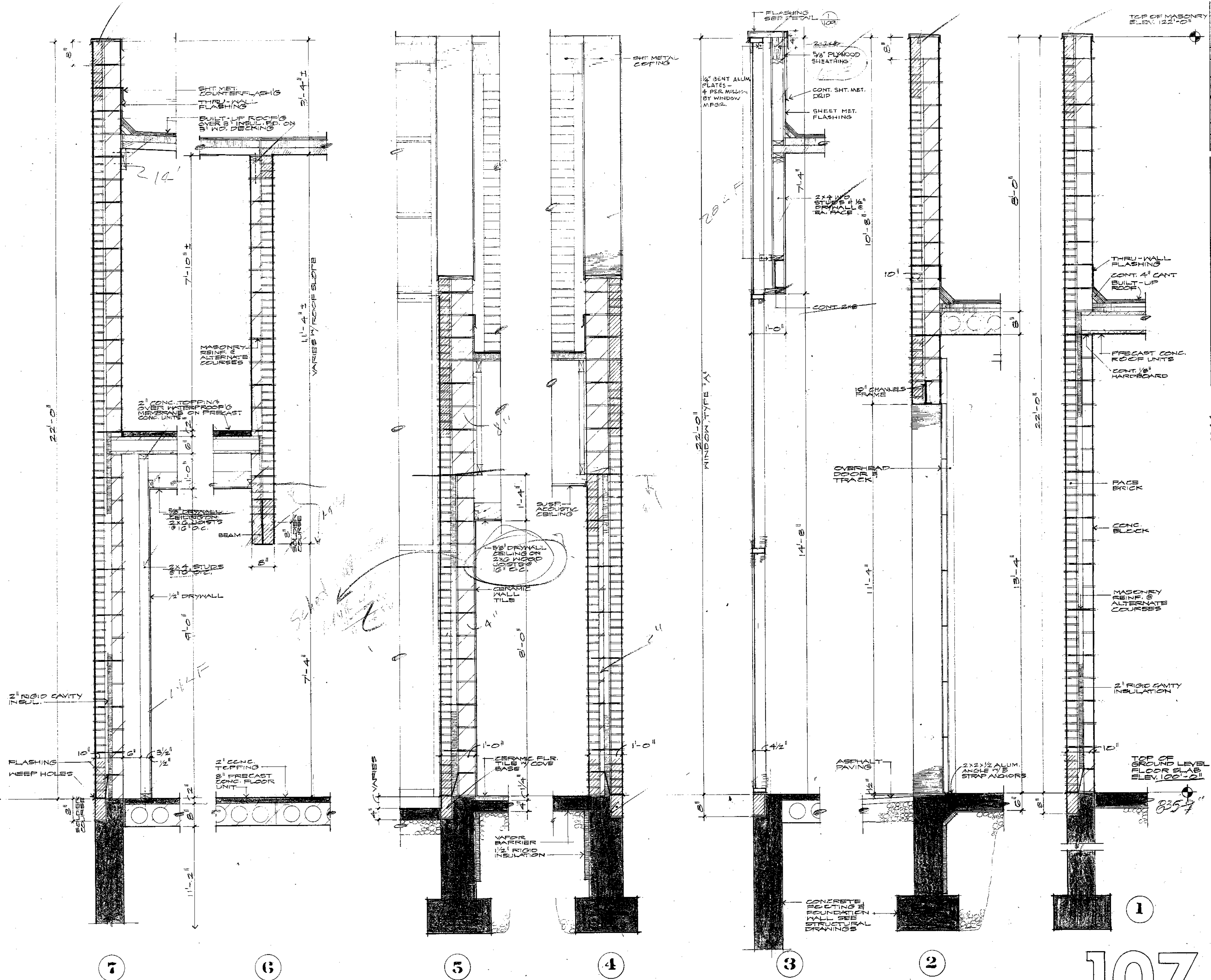


NO.	DESCRIPTION	DATE
1	ISSUED FOR PERMITS	7/15/74
2	FOR REVIEW	7/15/74
3	FOR REVIEW	7/15/74
4	FOR REVIEW	7/15/74
5	FOR REVIEW	7/15/74
6	FOR REVIEW	7/15/74
7	FOR REVIEW	7/15/74
8	FOR REVIEW	7/15/74
9	FOR REVIEW	7/15/74
10	FOR REVIEW	7/15/74
11	FOR REVIEW	7/15/74
12	FOR REVIEW	7/15/74
13	FOR REVIEW	7/15/74
14	FOR REVIEW	7/15/74
15	FOR REVIEW	7/15/74
16	FOR REVIEW	7/15/74
17	FOR REVIEW	7/15/74
18	FOR REVIEW	7/15/74
19	FOR REVIEW	7/15/74
20	FOR REVIEW	7/15/74
21	FOR REVIEW	7/15/74
22	FOR REVIEW	7/15/74
23	FOR REVIEW	7/15/74
24	FOR REVIEW	7/15/74
25	FOR REVIEW	7/15/74
26	FOR REVIEW	7/15/74
27	FOR REVIEW	7/15/74
28	FOR REVIEW	7/15/74
29	FOR REVIEW	7/15/74
30	FOR REVIEW	7/15/74
31	FOR REVIEW	7/15/74
32	FOR REVIEW	7/15/74
33	FOR REVIEW	7/15/74
34	FOR REVIEW	7/15/74
35	FOR REVIEW	7/15/74
36	FOR REVIEW	7/15/74
37	FOR REVIEW	7/15/74
38	FOR REVIEW	7/15/74
39	FOR REVIEW	7/15/74
40	FOR REVIEW	7/15/74
41	FOR REVIEW	7/15/74
42	FOR REVIEW	7/15/74
43	FOR REVIEW	7/15/74
44	FOR REVIEW	7/15/74
45	FOR REVIEW	7/15/74
46	FOR REVIEW	7/15/74
47	FOR REVIEW	7/15/74
48	FOR REVIEW	7/15/74
49	FOR REVIEW	7/15/74
50	FOR REVIEW	7/15/74
51	FOR REVIEW	7/15/74
52	FOR REVIEW	7/15/74
53	FOR REVIEW	7/15/74
54	FOR REVIEW	7/15/74
55	FOR REVIEW	7/15/74
56	FOR REVIEW	7/15/74
57	FOR REVIEW	7/15/74
58	FOR REVIEW	7/15/74
59	FOR REVIEW	7/15/74
60	FOR REVIEW	7/15/74
61	FOR REVIEW	7/15/74
62	FOR REVIEW	7/15/74
63	FOR REVIEW	7/15/74
64	FOR REVIEW	7/15/74
65	FOR REVIEW	7/15/74
66	FOR REVIEW	7/15/74
67	FOR REVIEW	7/15/74
68	FOR REVIEW	7/15/74
69	FOR REVIEW	7/15/74
70	FOR REVIEW	7/15/74
71	FOR REVIEW	7/15/74
72	FOR REVIEW	7/15/74
73	FOR REVIEW	7/15/74
74	FOR REVIEW	7/15/74
75	FOR REVIEW	7/15/74
76	FOR REVIEW	7/15/74
77	FOR REVIEW	7/15/74
78	FOR REVIEW	7/15/74
79	FOR REVIEW	7/15/74
80	FOR REVIEW	7/15/74
81	FOR REVIEW	7/15/74
82	FOR REVIEW	7/15/74
83	FOR REVIEW	7/15/74
84	FOR REVIEW	7/15/74
85	FOR REVIEW	7/15/74
86	FOR REVIEW	7/15/74
87	FOR REVIEW	7/15/74
88	FOR REVIEW	7/15/74
89	FOR REVIEW	7/15/74
90	FOR REVIEW	7/15/74
91	FOR REVIEW	7/15/74
92	FOR REVIEW	7/15/74
93	FOR REVIEW	7/15/74
94	FOR REVIEW	7/15/74
95	FOR REVIEW	7/15/74
96	FOR REVIEW	7/15/74
97	FOR REVIEW	7/15/74
98	FOR REVIEW	7/15/74
99	FOR REVIEW	7/15/74
100	FOR REVIEW	7/15/74

PROJECT NO. 7244
 DRAWN BY
 CHECKED
 APPROVED
 PRELIM APPROVAL
 FINAL APPROVAL
 ISSUED 7/15/74

RICHARD LEVIN ASSOCIATES INC. ARCHITECTS
 24 NORTH JEFFERSON STREET DAYTON, OHIO 45402 513-224-1931
 TROY-MIAMI COUNTY PUBLIC LIBRARY

[illegible]



WALL SECTIONS
 $\frac{3}{4}'' = 1'-0''$

RICHARD LEVIN ASSOCIATES INC. ARCHITECTS
 24 NORTH JEFFERSON STREET DAYTON, OHIO 45402 513-224-1931

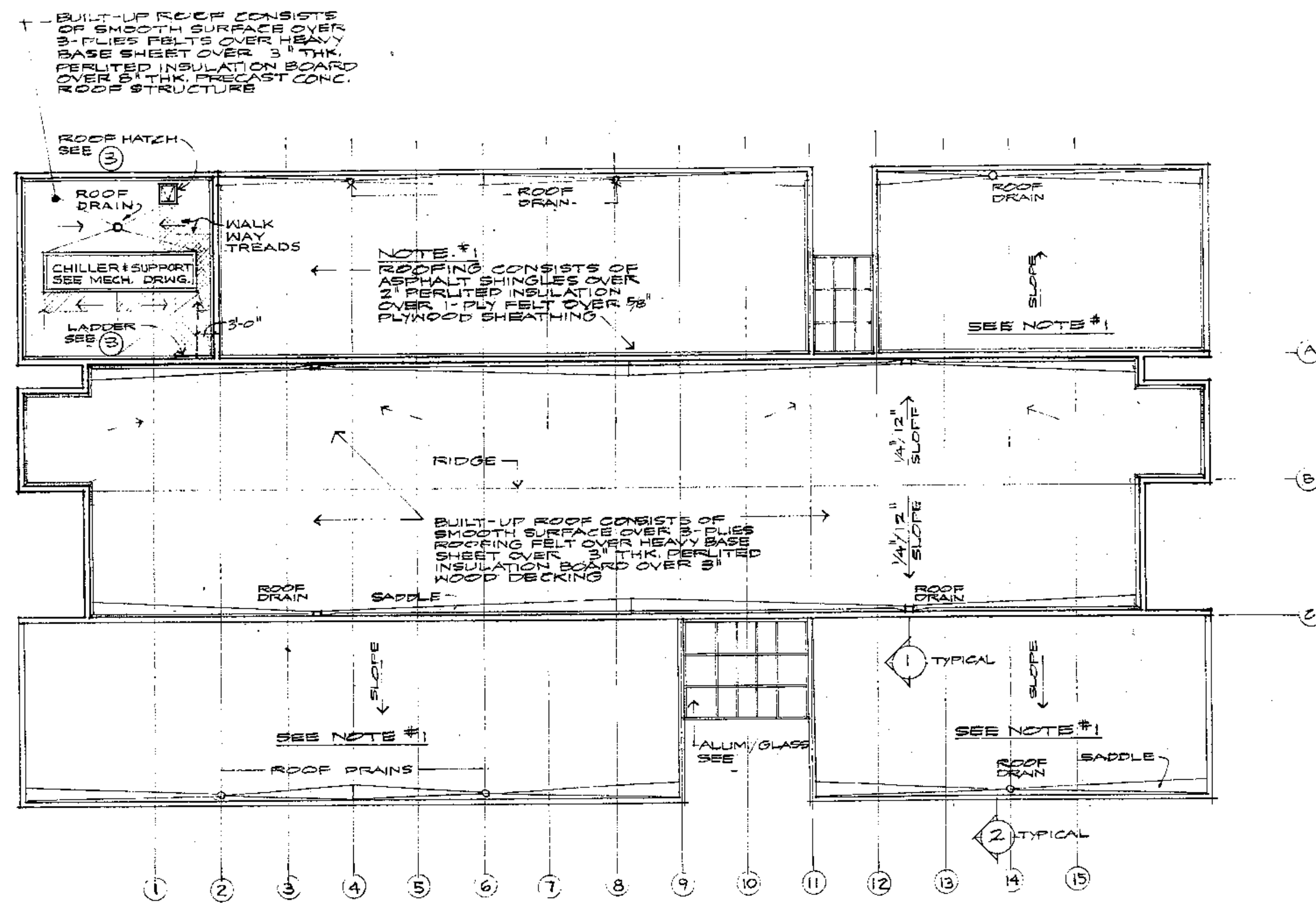
TROY-MIAMI COUNTY PUBLIC LIBRARY

PROJECT NO. 7244
 DRAWN BY
 CHECKED
 APPROVED
 PRELIM APPROVAL
 FINAL APPROVAL
 ISSUED 7-19-74

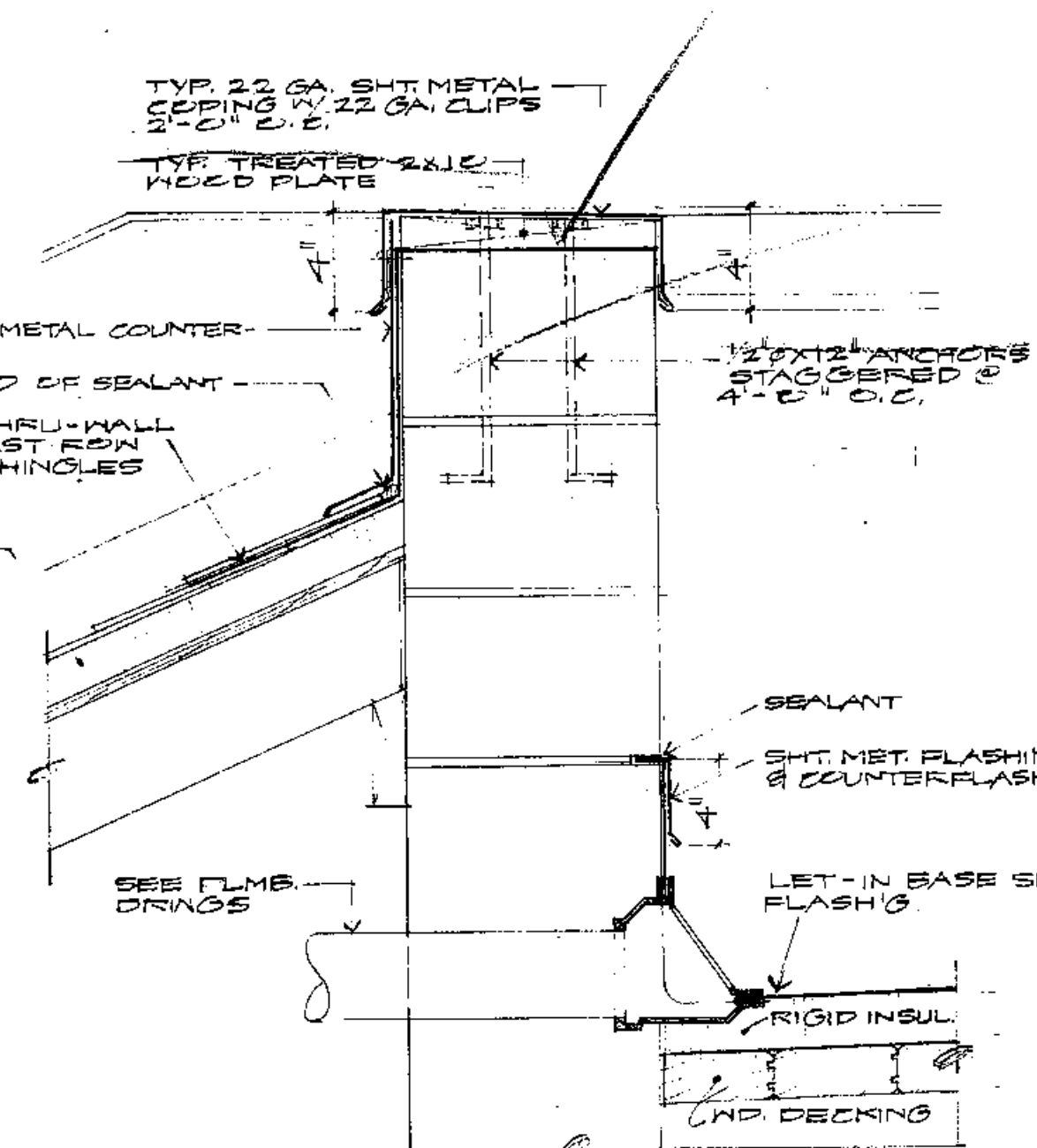
PRINTING

REVISIONS

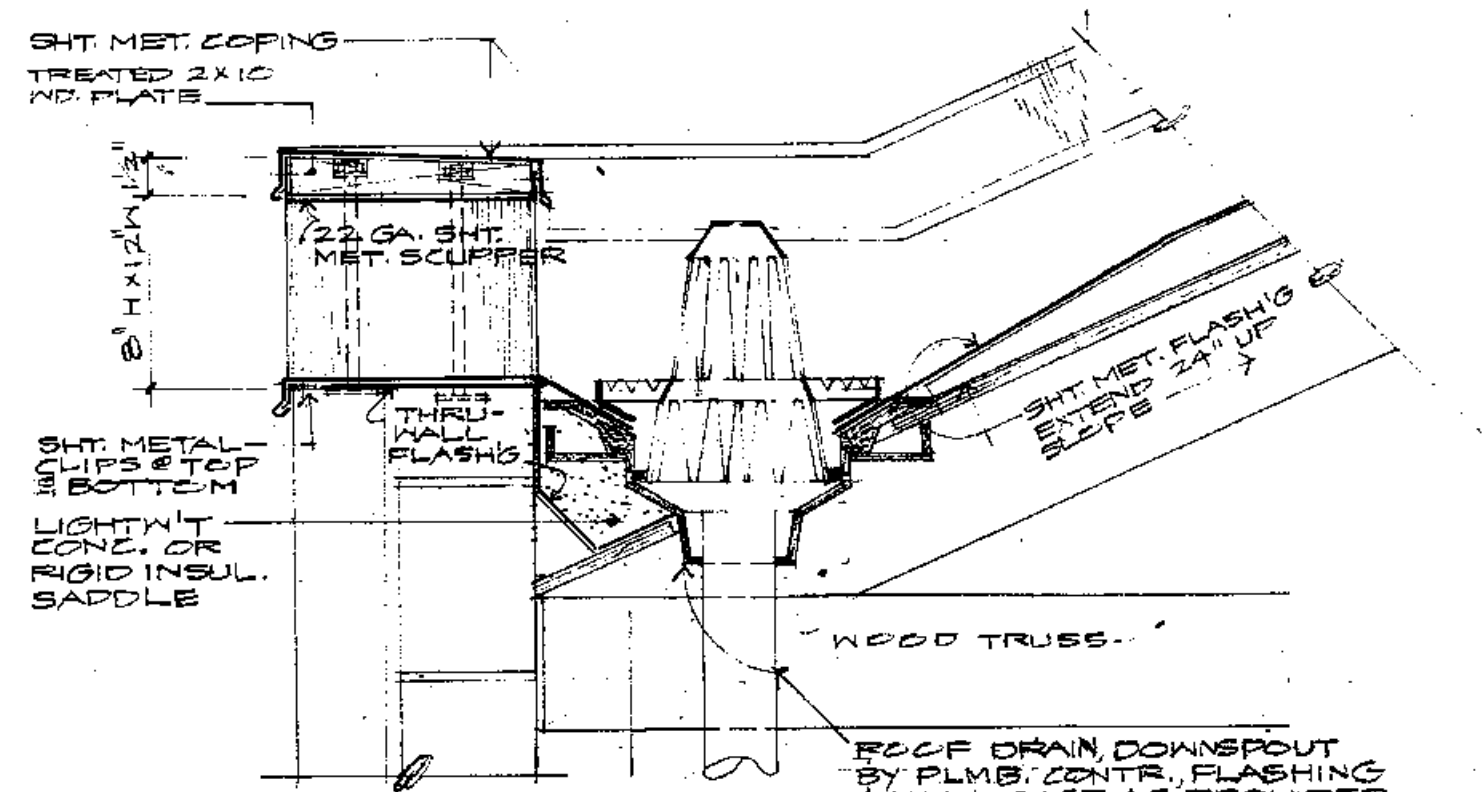
NO.	DESCRIPTION	DATE
1	AS SHOWN	7-19-74



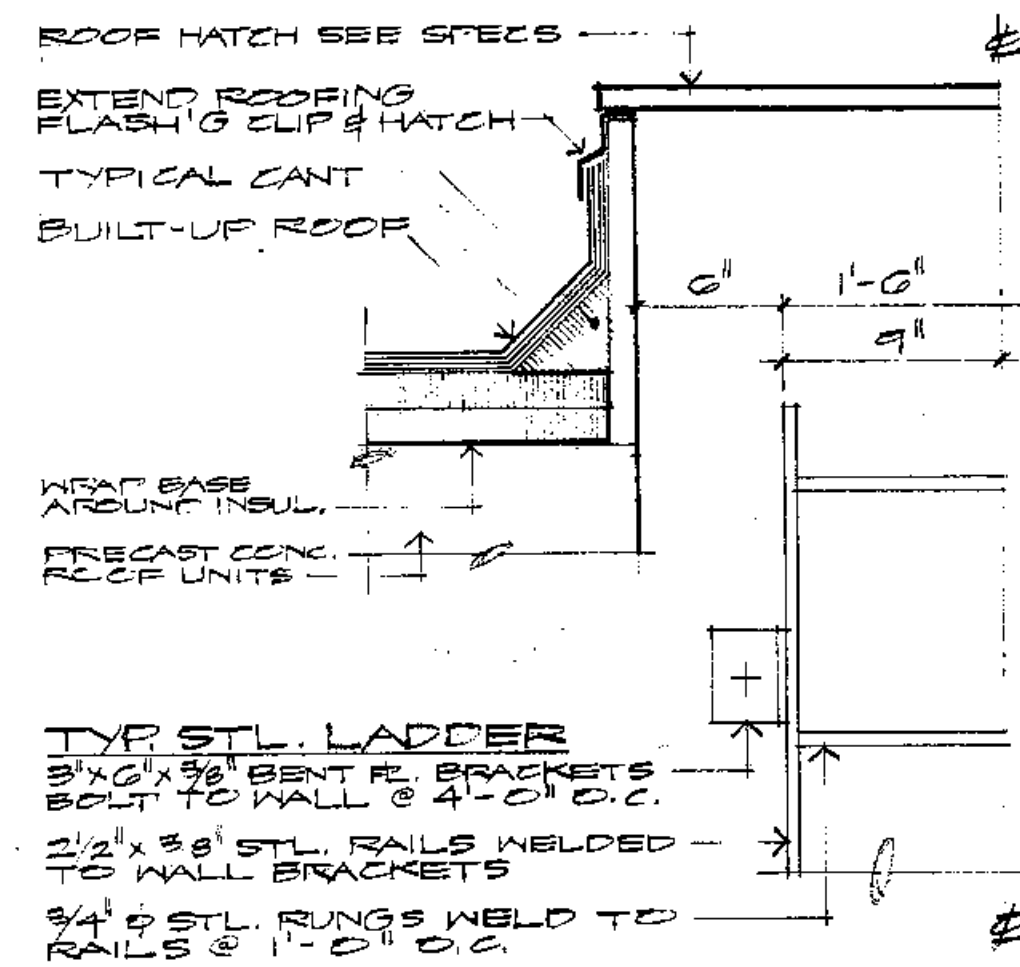
ROOF PLAN 1/8" = 1'-0"



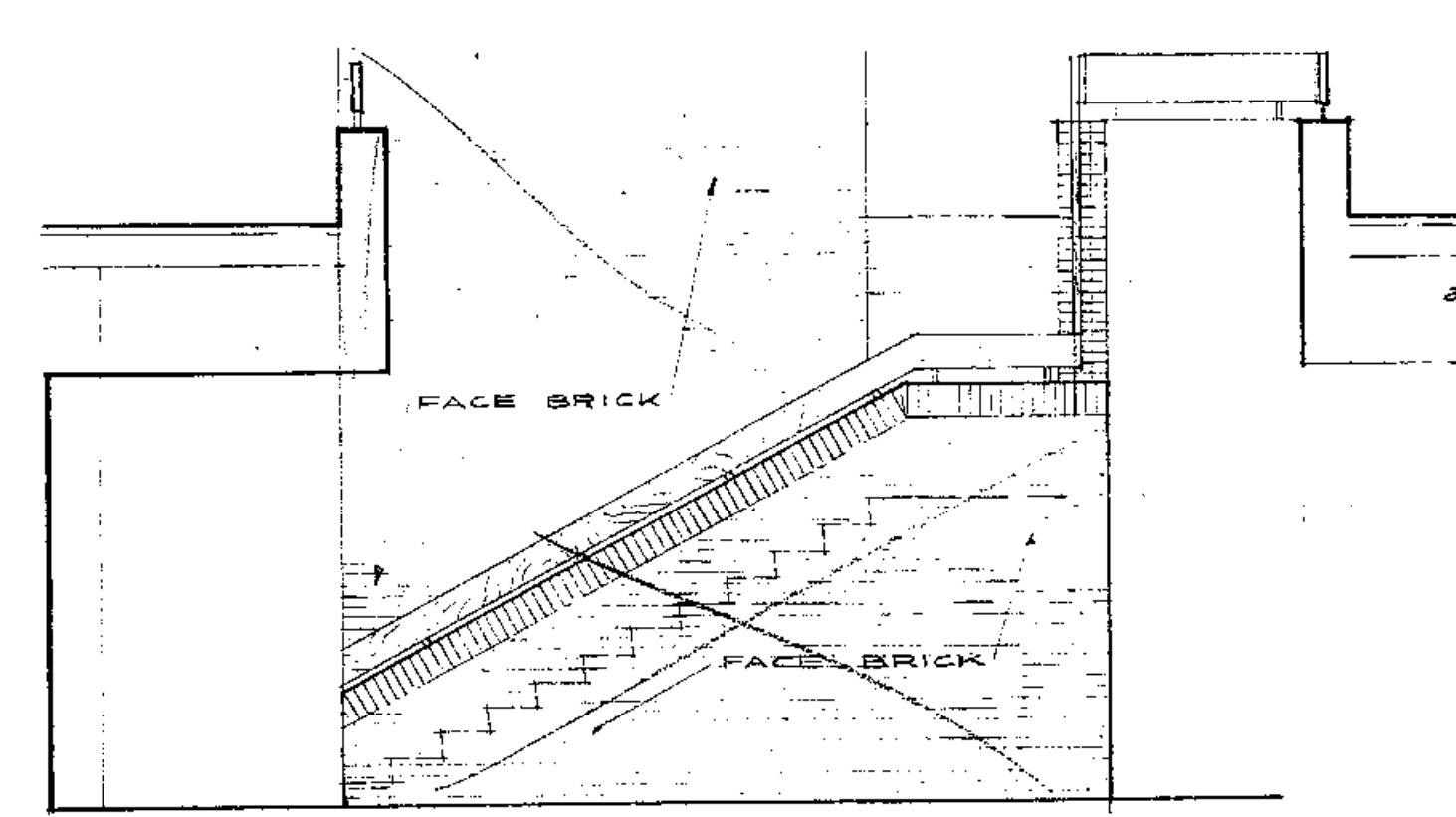
1 DET. @ BUILT-UP ROOF DRAIN



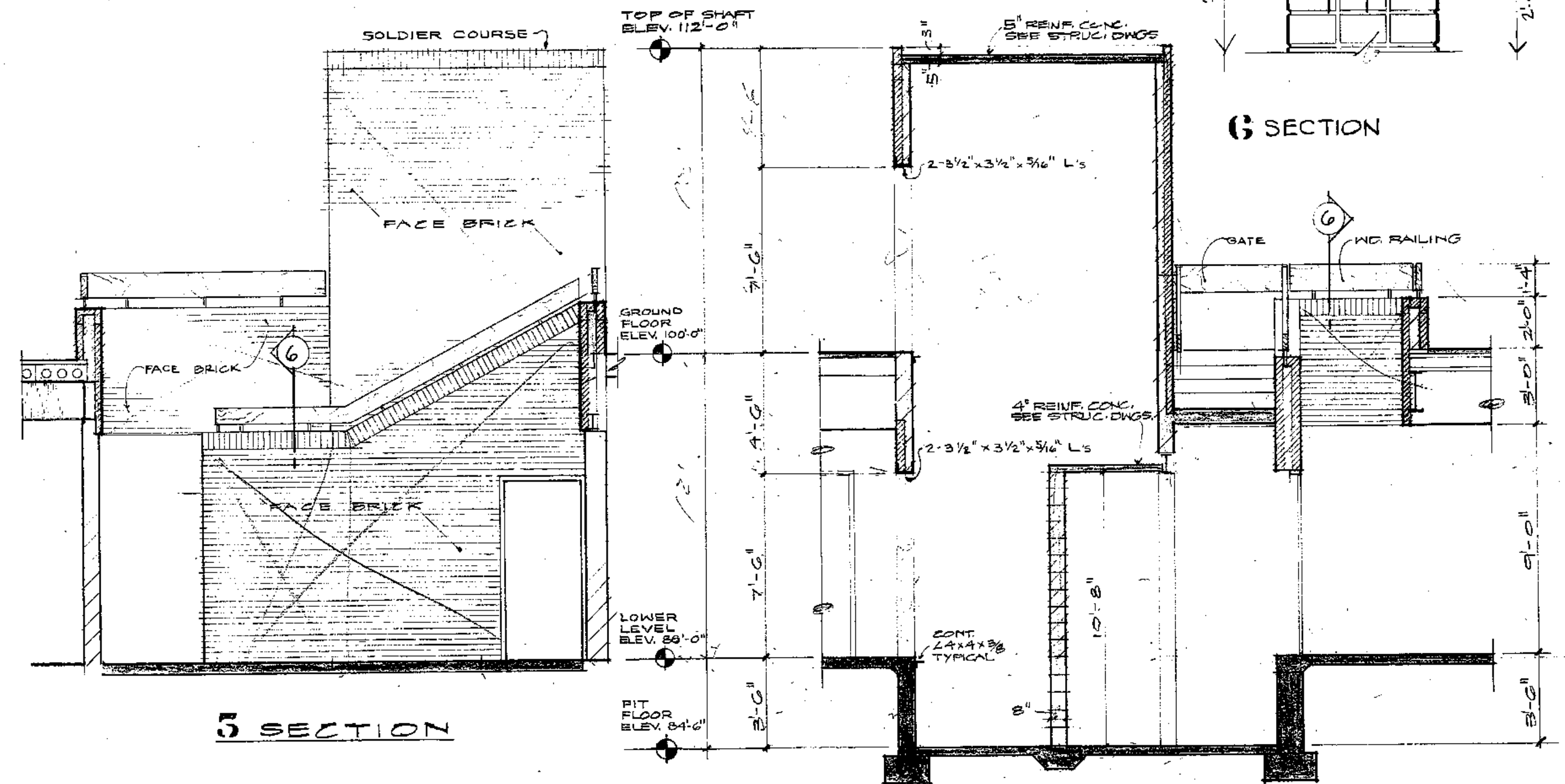
2 DET. @ ROOF DRAIN & SHT. MET. SCUPPER



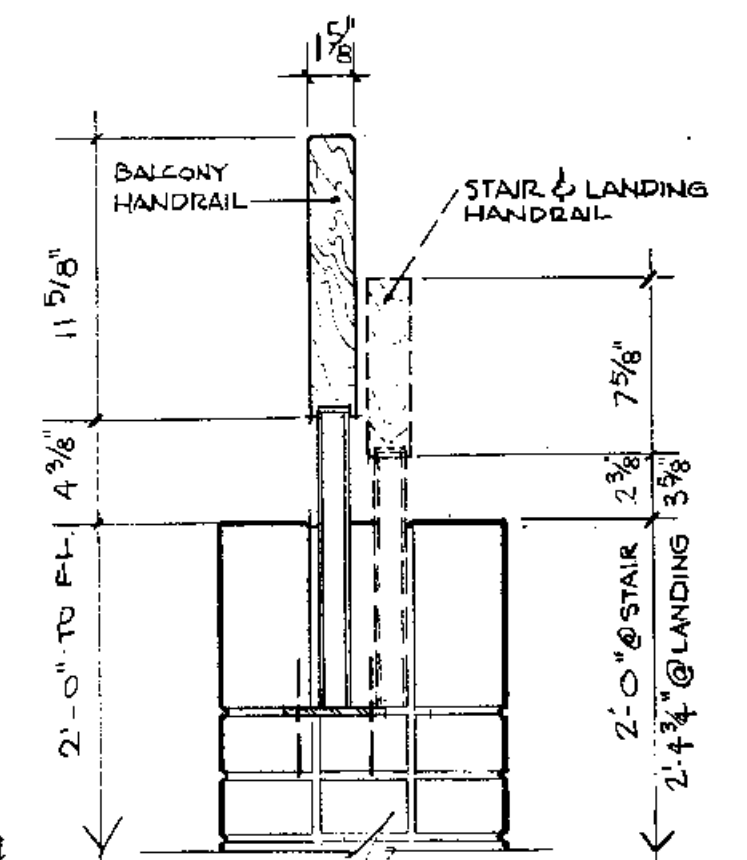
3 ROOF HATCH & LADDER DET.



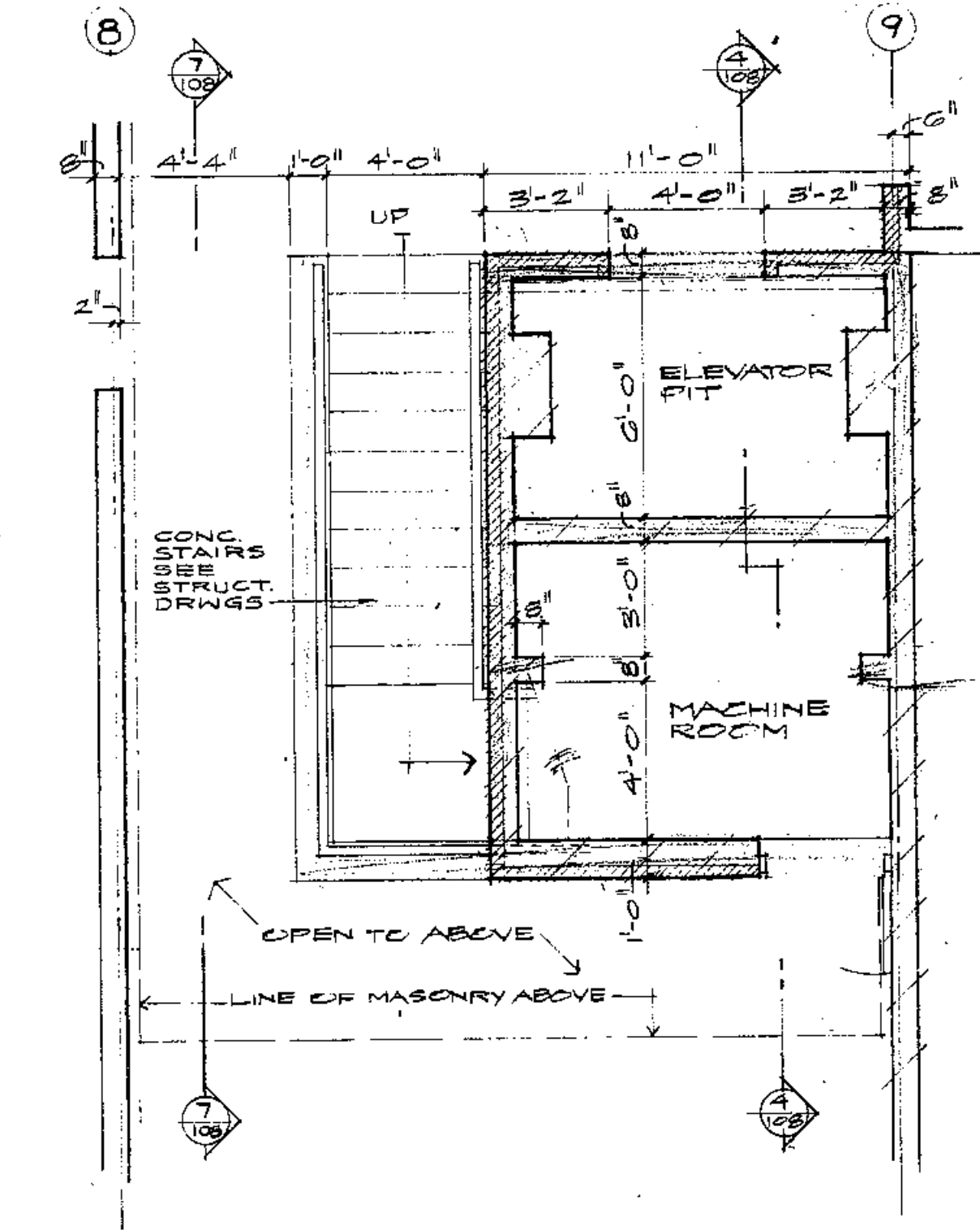
1 SECTION



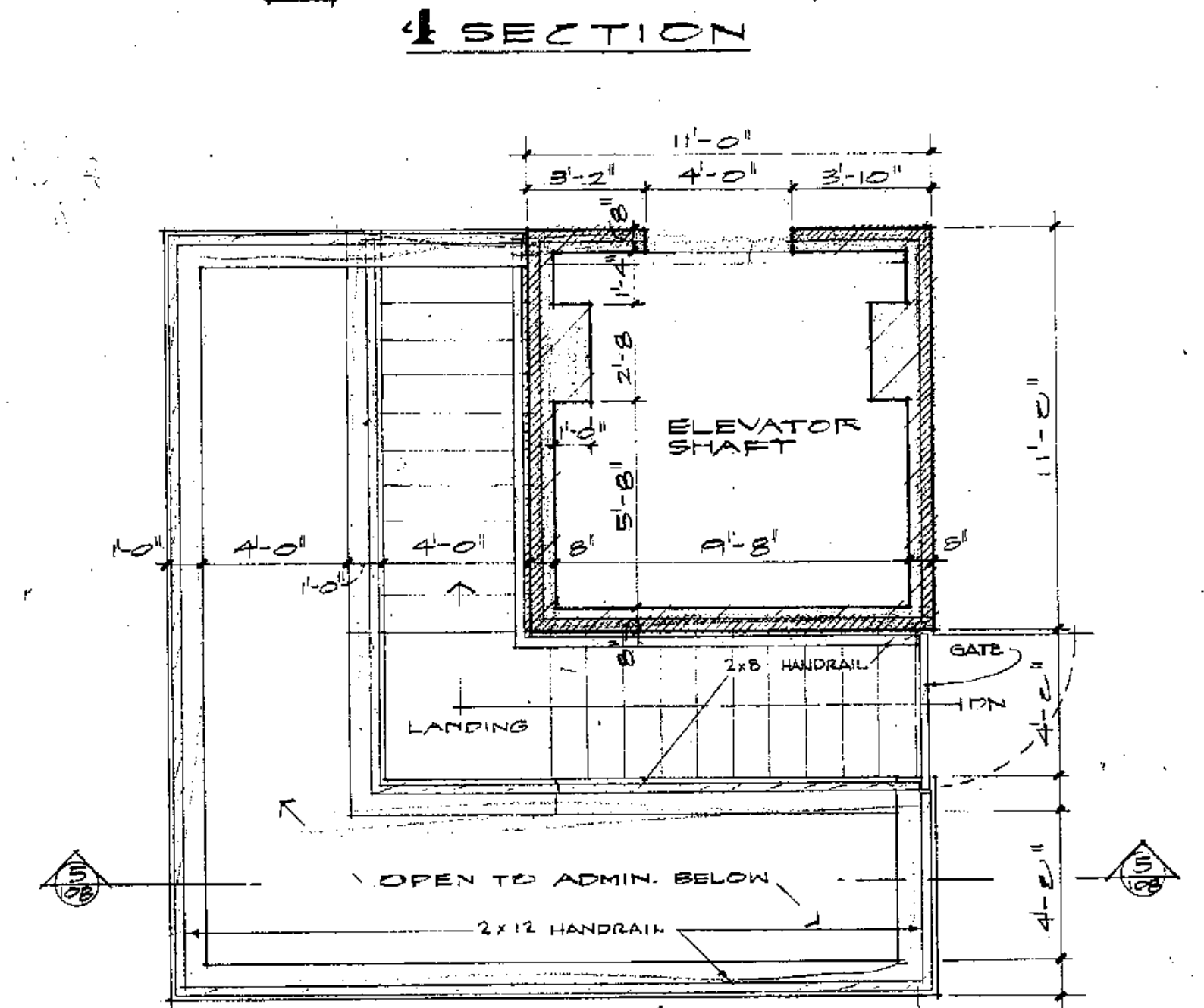
3 SECTION



6 SECTION



PLAN @ LOWER LEVEL FLR.



PLAN @ GROUND LEVEL FLR.

ELEVATOR SHAFT & MONUMENTAL STAIRS DET'S

1/8" = 1'-0"

PROJECT NO. 7244

DRAWN BY MD

CHECKED

APPROVED

PRELIM APPROVAL

FINAL APPROVAL

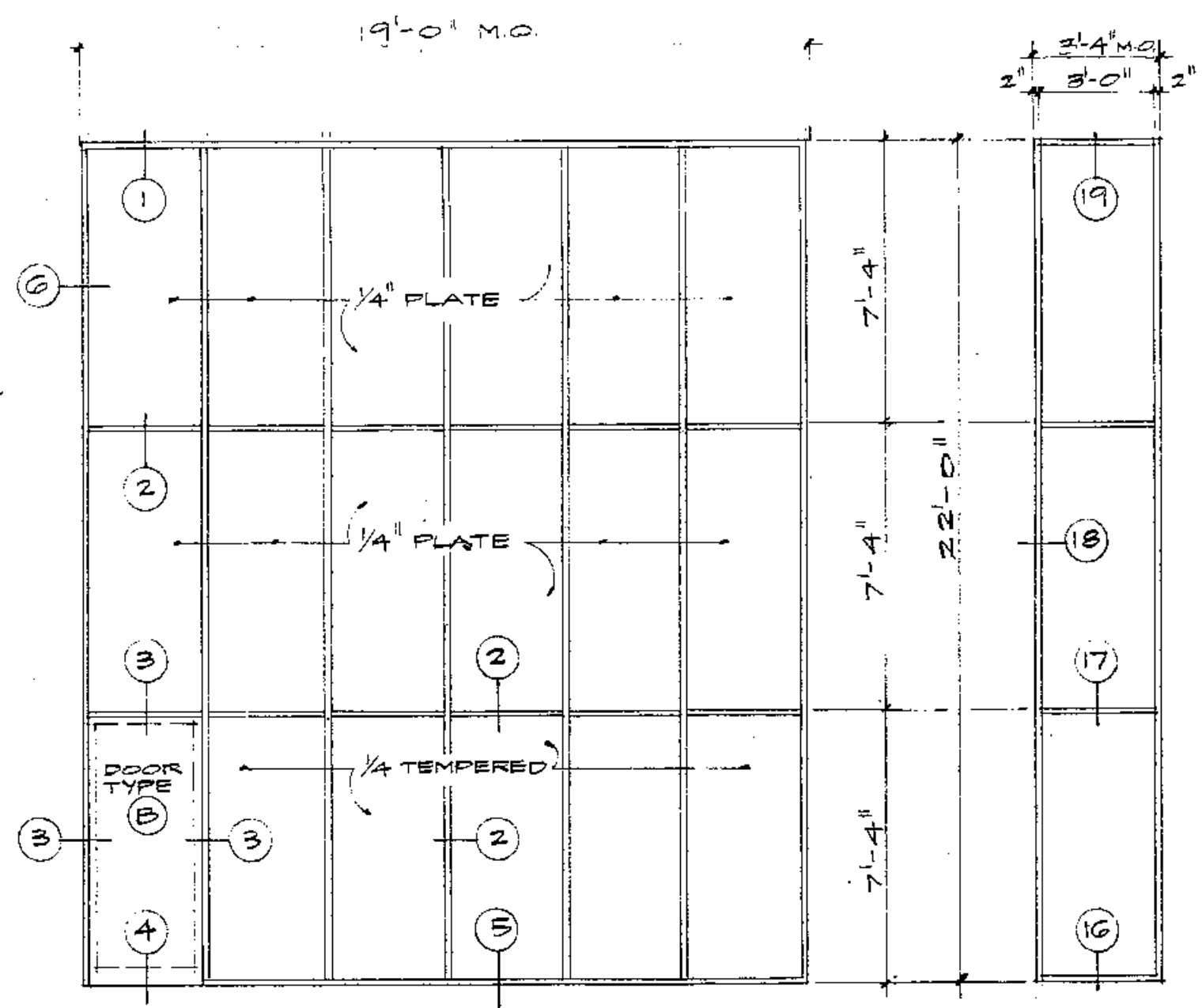
ISSUED: 7-17-74

RICHARD LEVIN ASSOCIATES INC. ARCHITECTS
24 NORTH JEFFERSON STREET DAYTON, OHIO 45402 513-224-1931

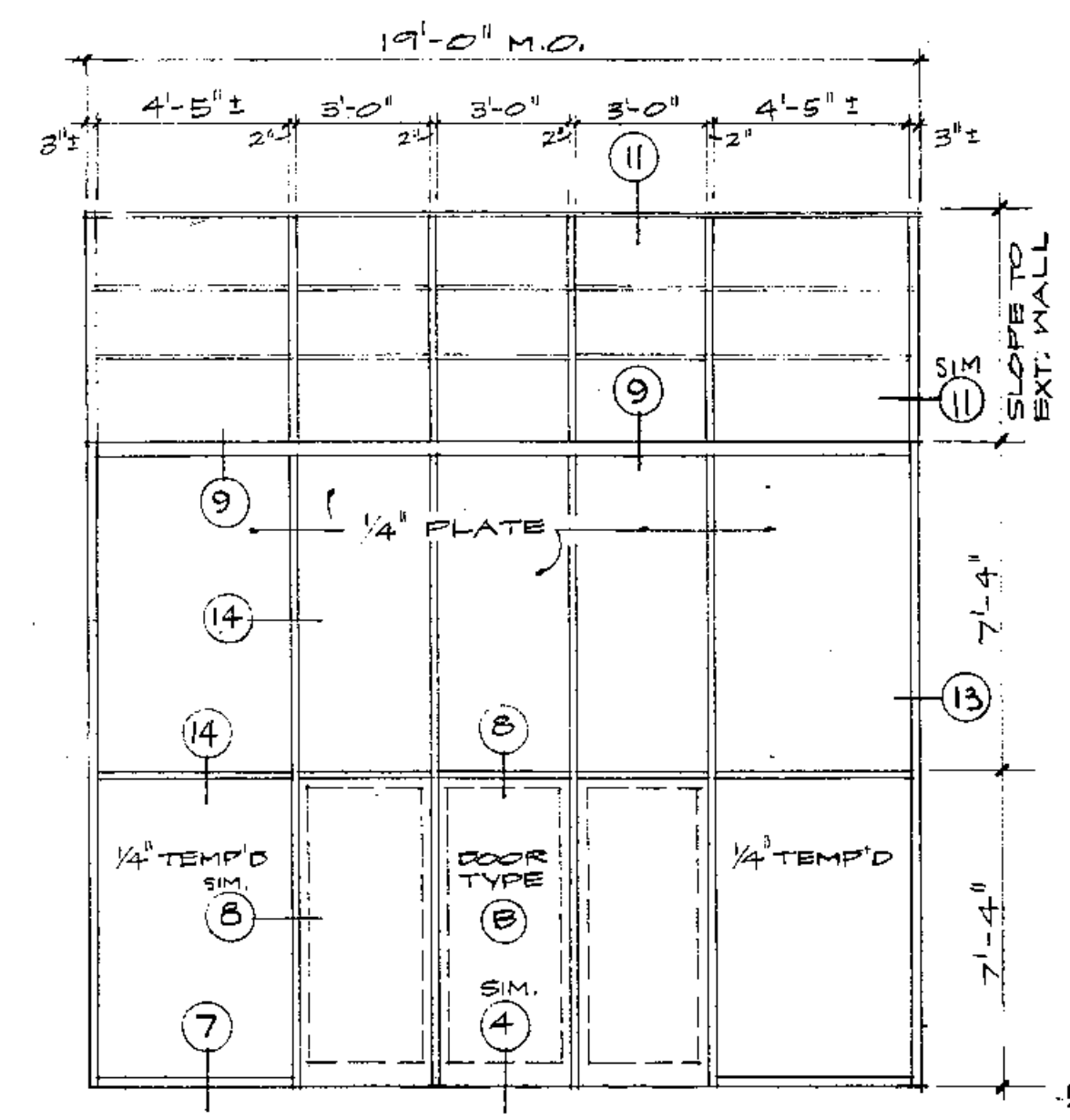
TROY-MIAMI COUNTY PUBLIC LIBRARY



108

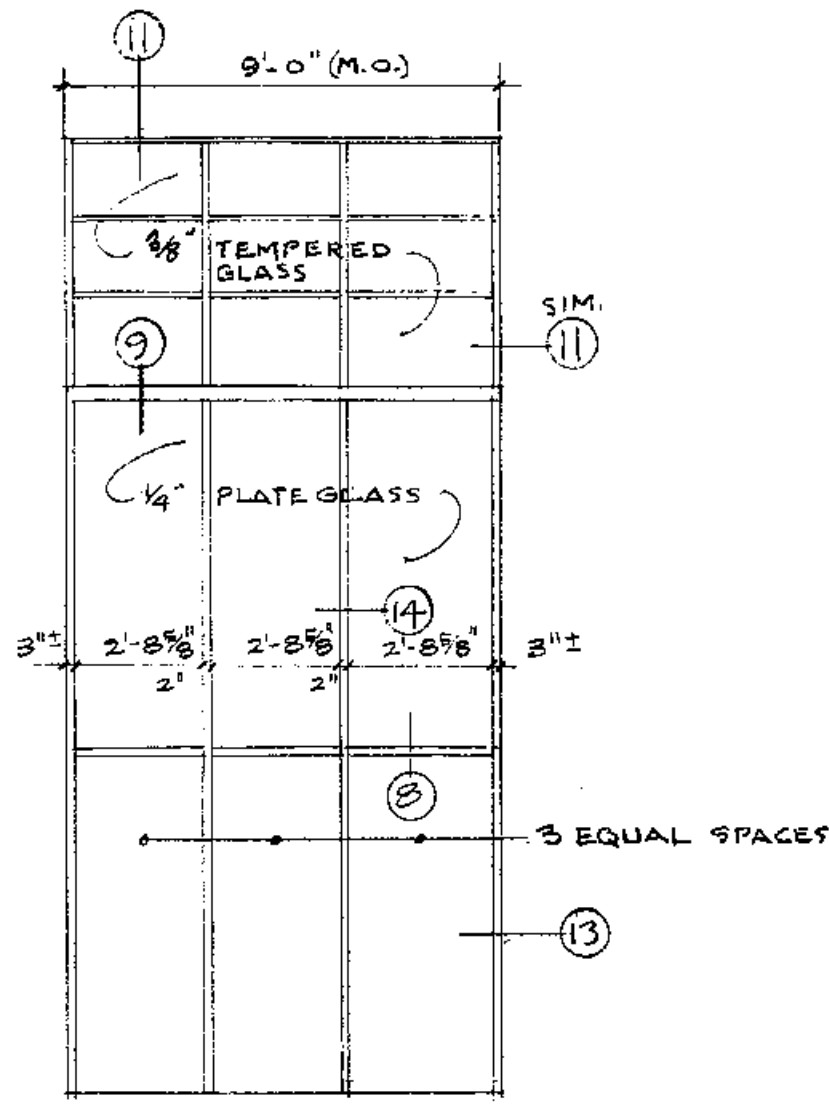
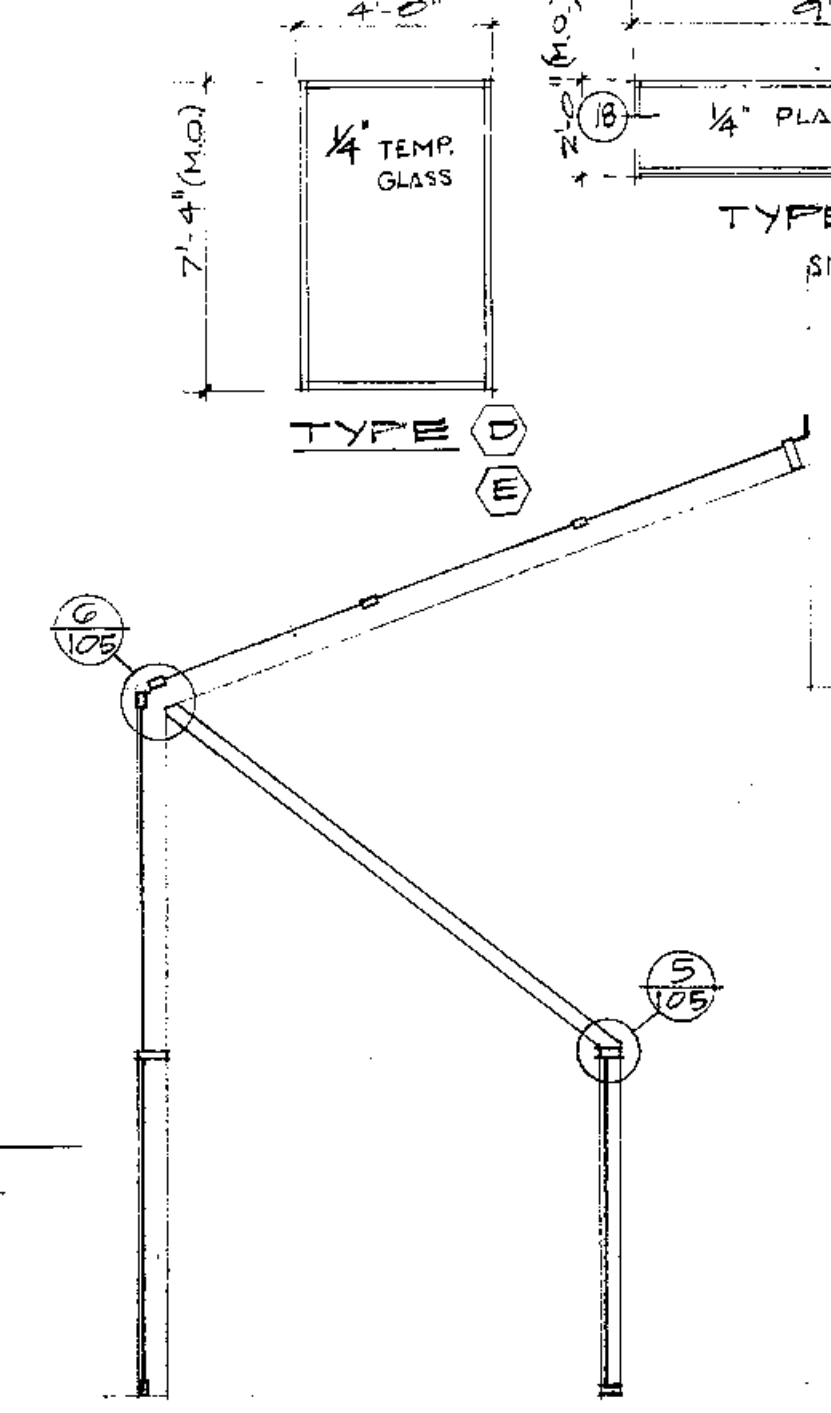


TYPE (A)
SEE SECTION 3 FOR MULLIONS ANCHORAGE



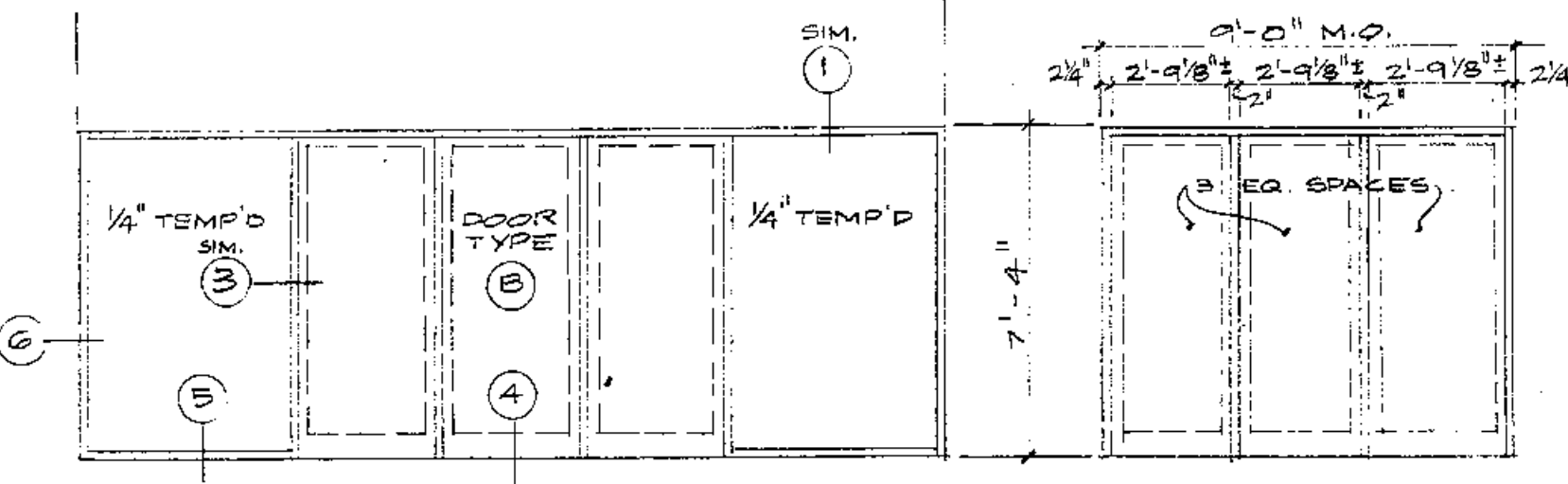
TYPE (B)

ENTRANCE @ VEST. 201



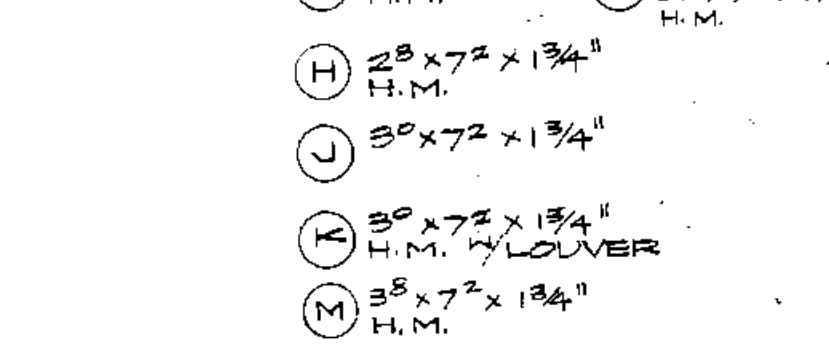
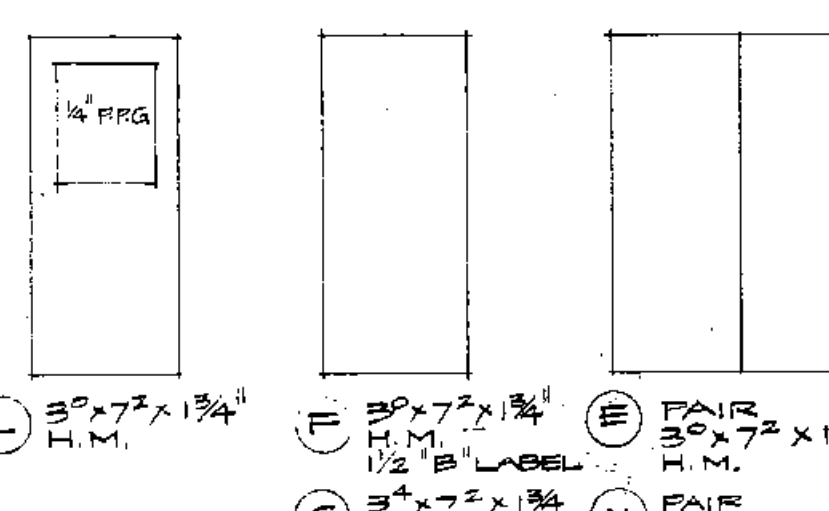
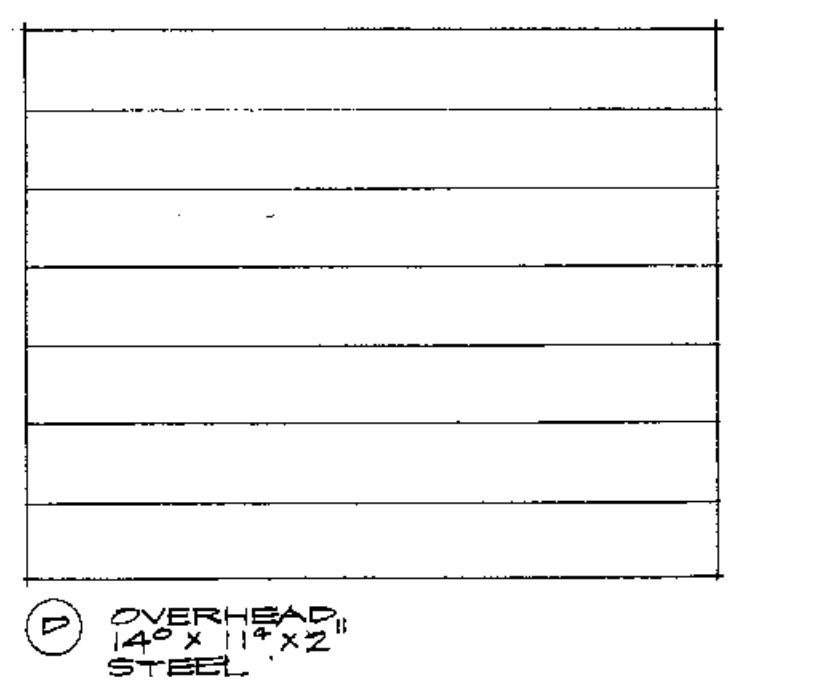
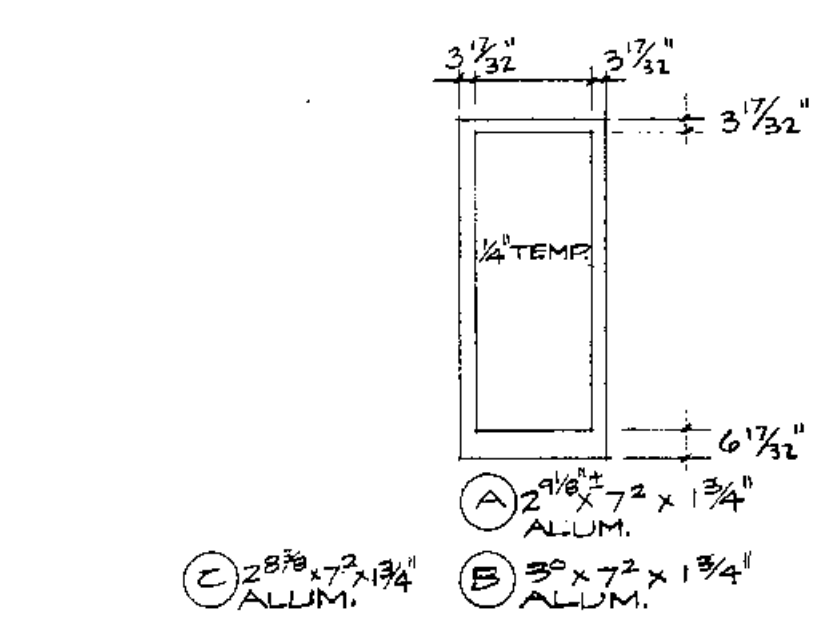
ENTRANCE @ VEST. 202

SECTION THRU
ENTRANCES @
VESTIBULES 201 & 202

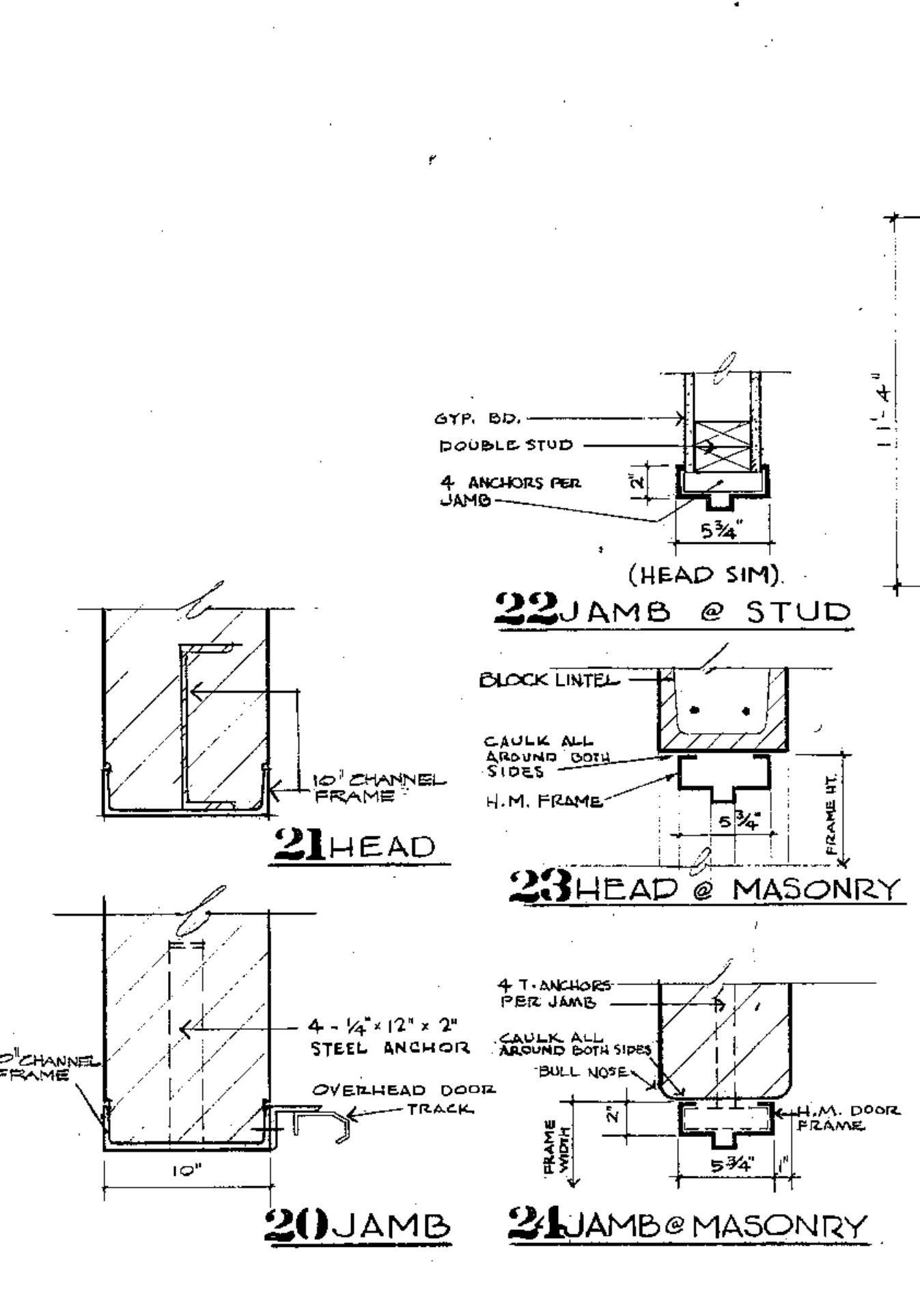
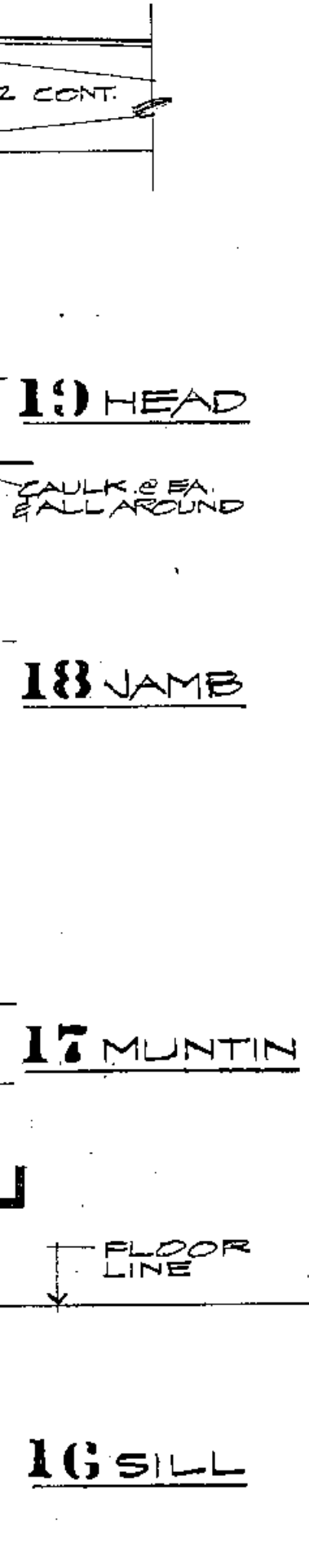
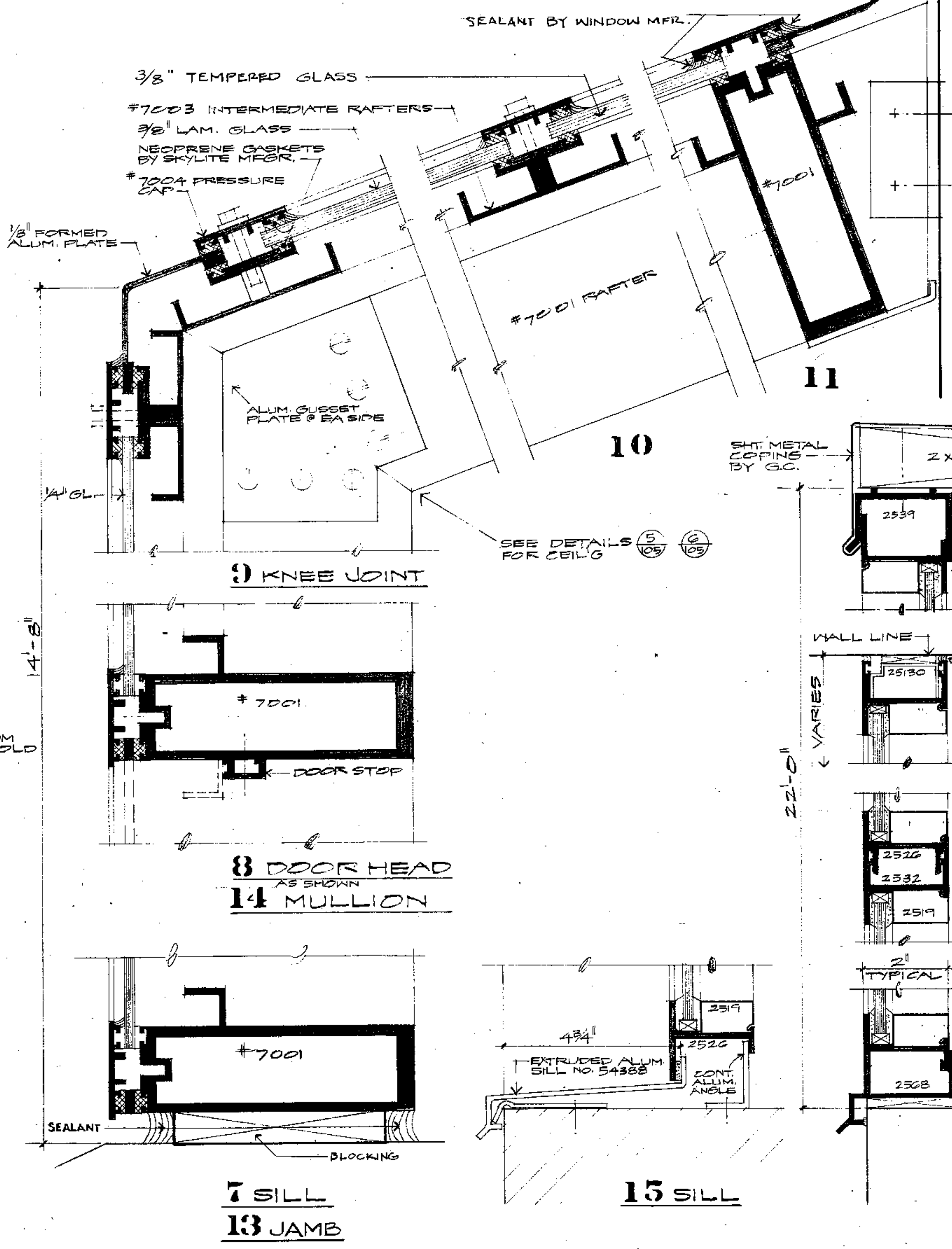
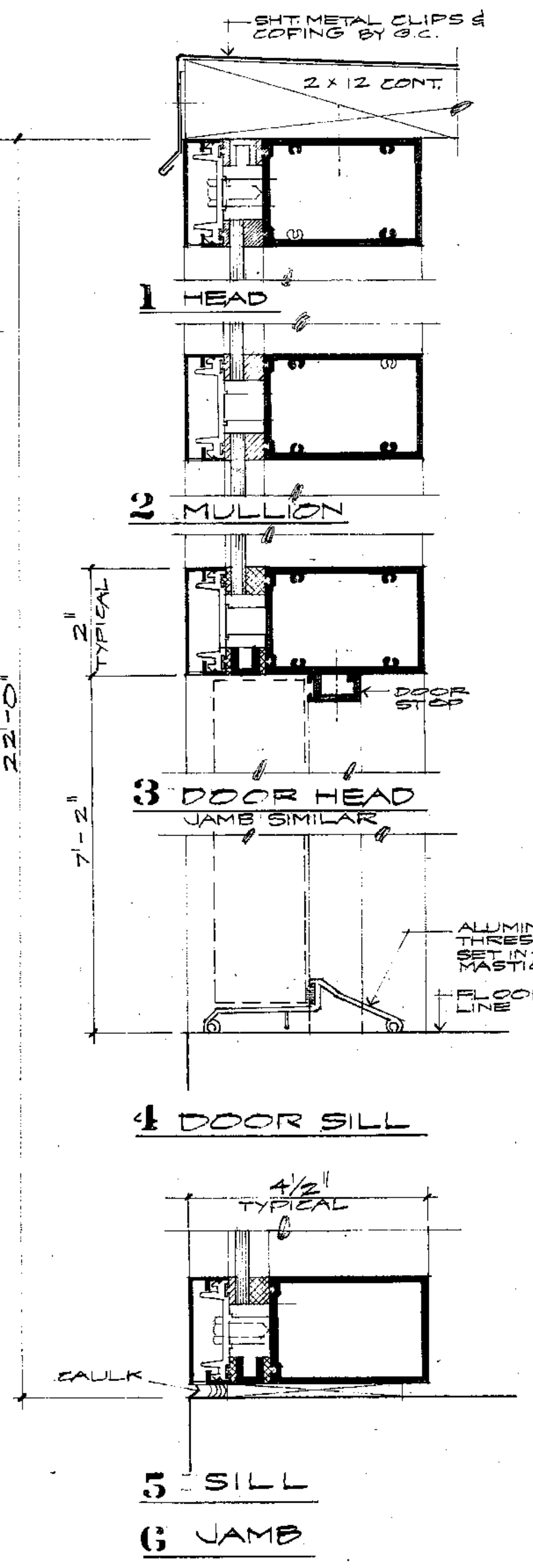


VEST. 201

VEST. 202



DOOR TYPES - NO SCALE



FRAME DETAILS
1/4" = 1'-0"

ENTRANCES & WINDOWS DETAILS
HALF SIZE

RICHARD LEVIN ASSOCIATES INC. ARCHITECTS
24 NORTH JEFFERSON STREET DAYTON, OHIO 45402 513-224-1931

TROY-MIAMI COUNTY PUBLIC LIBRARY



109

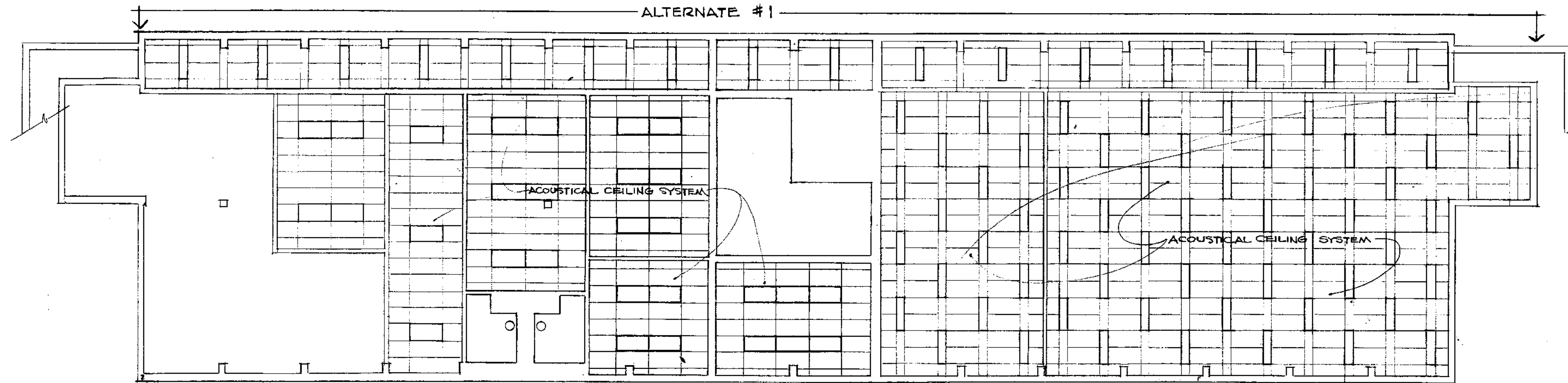


PROJECT NO. 7244
DRAWN BY MD
CHECKED
APPROVED
PRELIM APPROVAL
FINAL APPROVAL
ISSUED 7/9/74

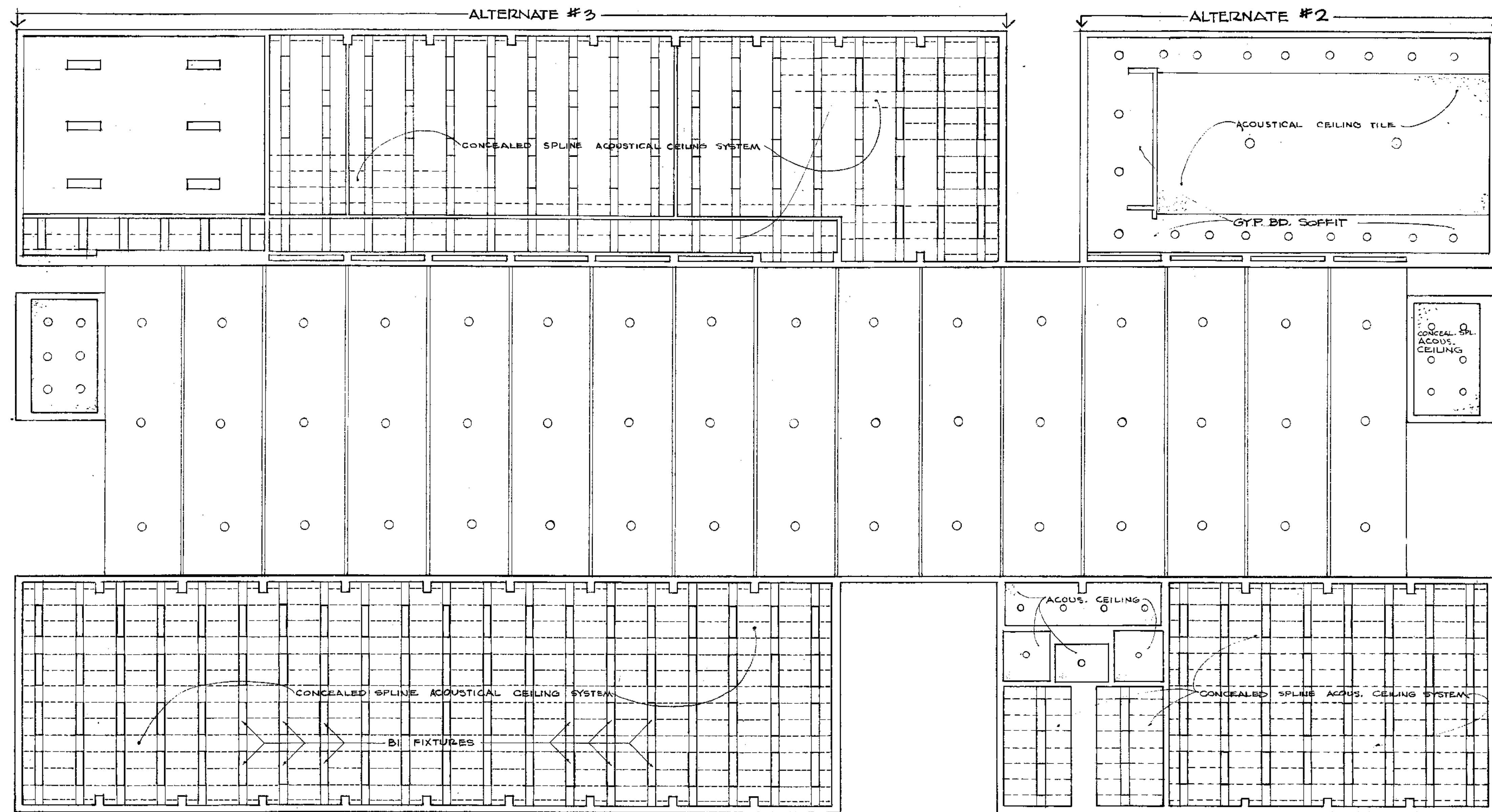
NO.	DESCRIPTION	DATE
1	ISSUED FOR BIDDING	7/9/74
2	REVISIONS	
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		

PRINTING

REVISIONS



LOWER LEVEL REFLECTED CEILING PLAN
1/8" = 1'-0"



GROUND LEVEL REFLECTED CEILING PLAN
1/8" = 1'-0"

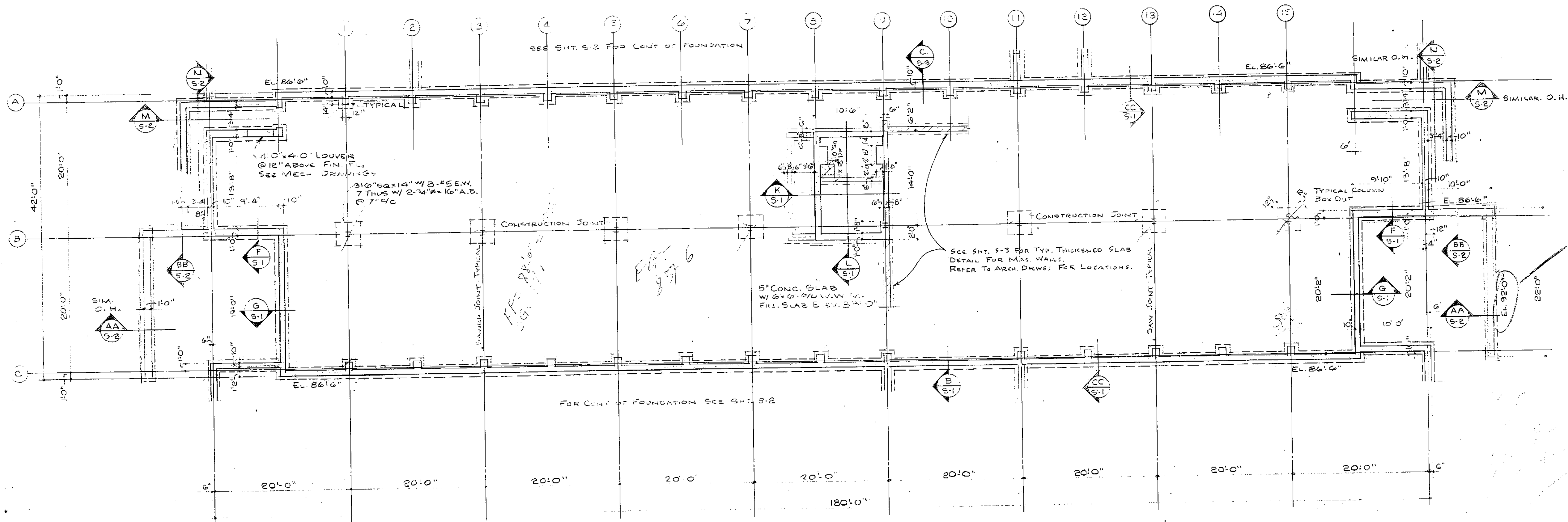
REVISIONS		PRINTING
1	7/19/74	
2		
3		
4		
5		
6		
7		
8		
9		
10		

PROJECT NO. 72-4-4
DRAWN RLB MID
CHECKED
APPROVED
PRELIM APPROVAL
FINAL APPROVAL
ISSUED 7-19-74



RICHARD LEVIN ASSOCIATES INC. ARCHITECTS
24 NORTH JEFFERSON STREET DAYTON, OHIO 45402 513-224-1931
TROY-MIAMI COUNTY PUBLIC LIBRARY





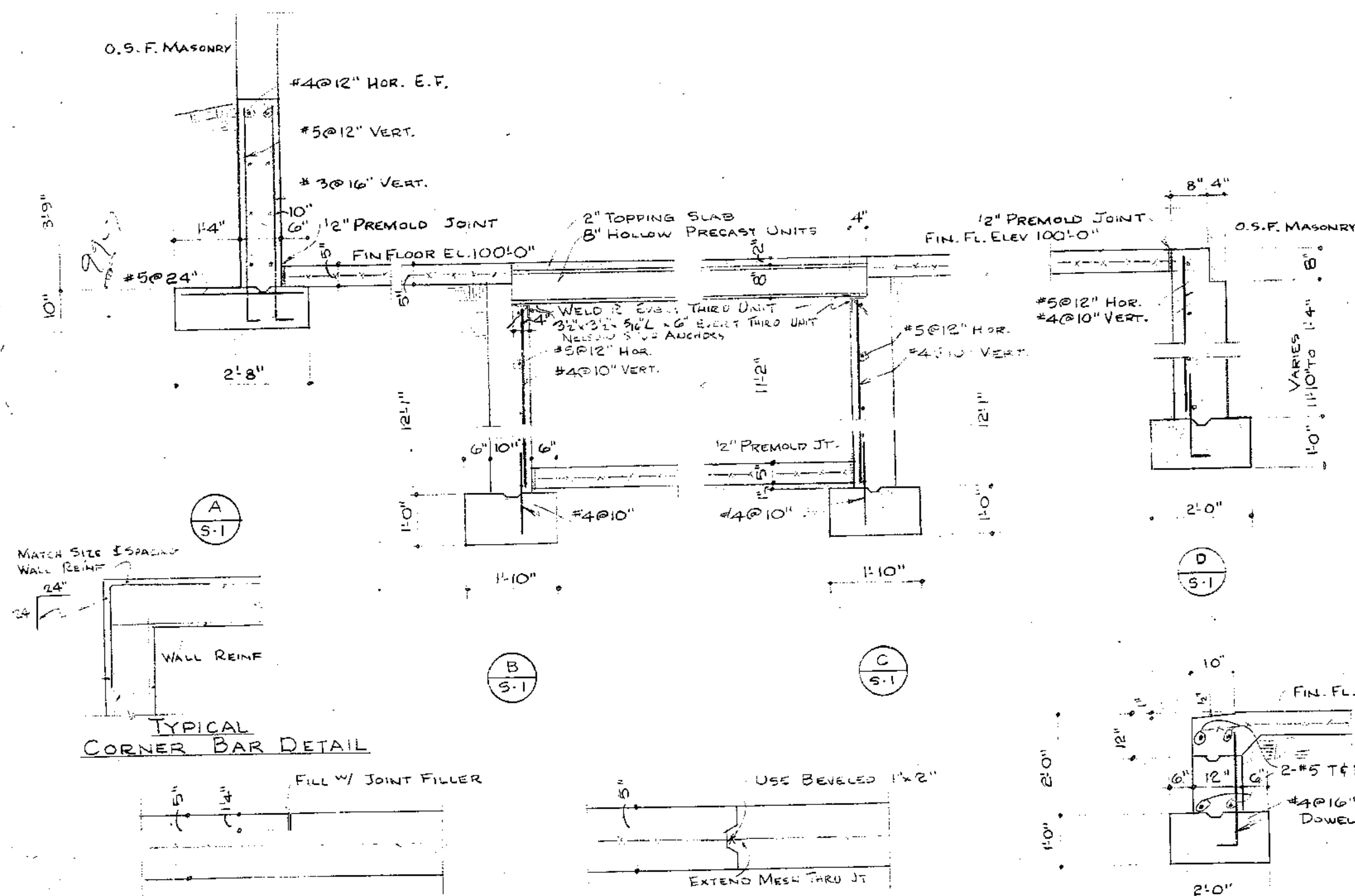
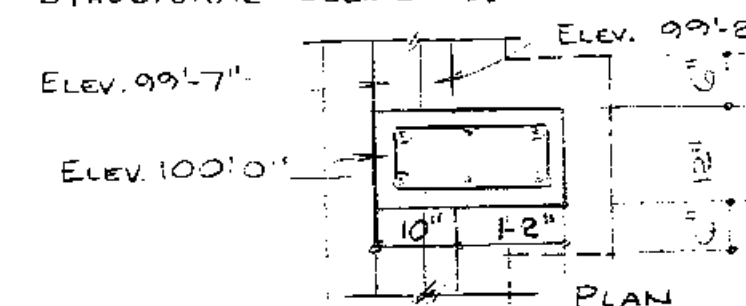
FOUNDATION PLAN AT LOWER LEVEL

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

NOTE: ELEVATIONS SHOWN (EL. 86'-6") ARE BOTTOM OF FOOTINGS UNLESS NOTED OTHERWISE.

STRUCTURAL NOTES

- DESIGN UNIFORM LIVELOAD: ROOF 25 p.s.f., FIRST FLOOR 120 p.s.f., 8,000 p.s.f. #3,000 p.s.f. AS NOTED
- DESIGN SOIL PRESSURE: 3,000 p.s.i. ULTIMATE 28 DAY COMPRESSIVE STRENGTH.
- CONCRETE SHALL BE 3,000 p.s.i. ULTIMATE 28 DAY COMPRESSIVE STRENGTH.
- ALL CONCRETE WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST AMERICAN CONCRETE INSTITUTE RECOMMENDATIONS.
- REINFORCING STEEL SHALL CONFORM TO A.S.T.M. A-615-72 GRADE 60.
- ALL LINTELS SHALL BE AS FOLLOWS (UNLESS NOTED OTHERWISE): 4'-0" OPENINGS OR LESS - USE ONE L3x3x1/2x10 FOR EACH 4' OF WALL. 4'-1" TO 6'-0" - USE ONE L5x5x1/2x10 FOR EACH 4' OF WALL.
- STRUCTURAL STEEL SHALL CONFORM TO A.S.T.M. A-36 CONNECTIONS SHALL BE AS DETAILED ON THE DRAWINGS. CONNECTIONS NOT DETAILED SHALL CONFORM TO A.I.T.C. RECOMMENDED DETAILS USING A-325 7/8" HIGH STRENGTH BOLTS.
- STRUCTURAL DRAWINGS SHALL BE USED WITH ARCHITECTURAL DRAWINGS FOR FABRICATION AND ERECTION OF ALL STRUCTURAL ELEMENTS.



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

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

SCALE ALL SECTIONS 1/8"=1'-0" U.N.O.

PROJECT NO. 7244

DRAWN

CHECKED

APPROVED

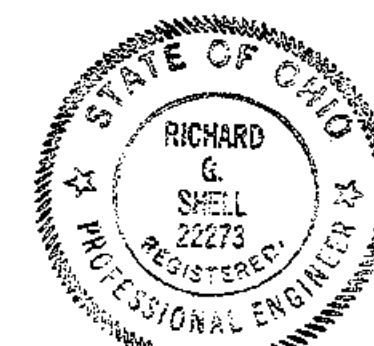
PRELIM APPROVAL

FINAL APPROVAL

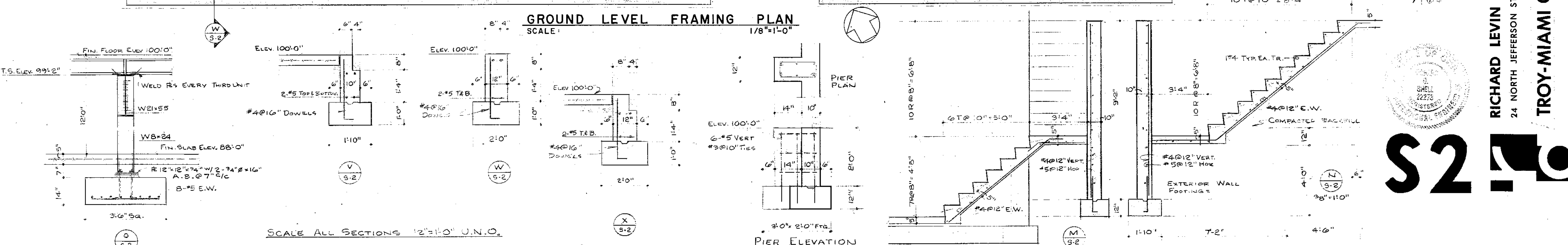
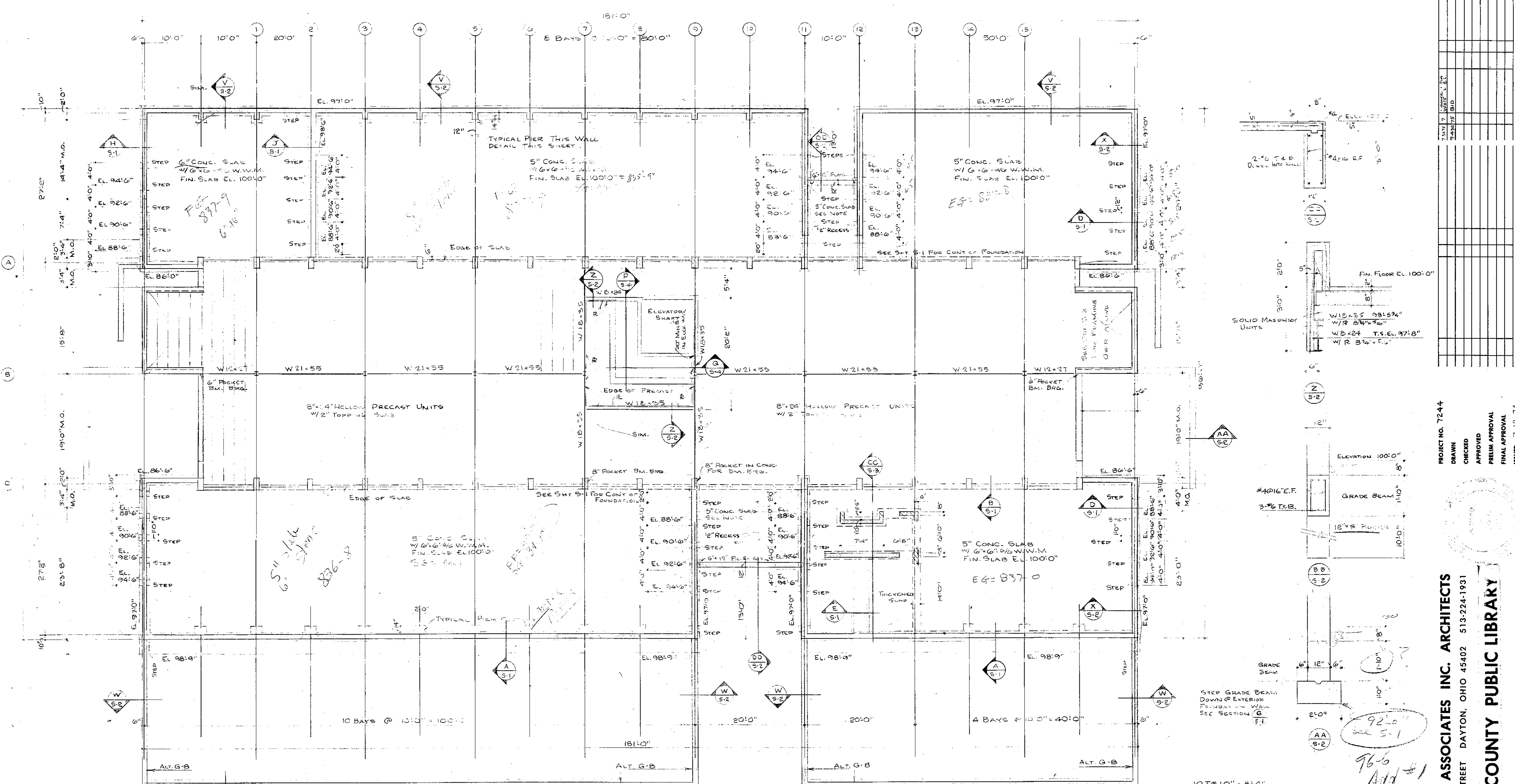
ISSUED T-19-74

RICHARD LEVIN ASSOCIATES INC. ARCHITECTS
24 NORTH JEFFERSON STREET DAYTON, OHIO 45402 513-224-1931

TROY-MIAMI COUNTY PUBLIC LIBRARY



S170



PROJECT NO. 7244

DRAWN: [Signature]

CHECKED: [Signature]

APPROVED: [Signature]

PRELIM APPROVAL: [Signature]

FINAL APPROVAL: [Signature]

ISSUED: 7-19-74

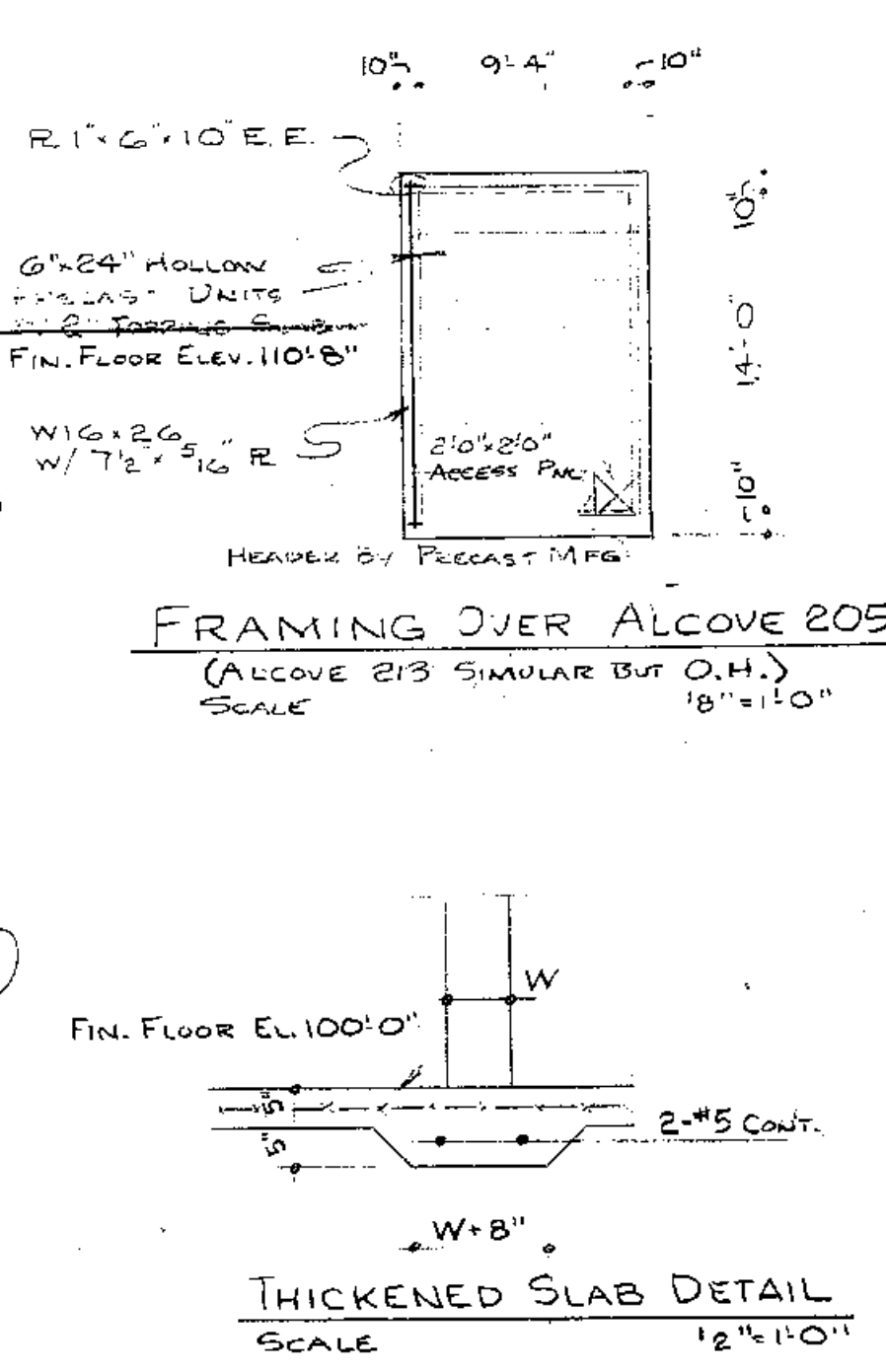
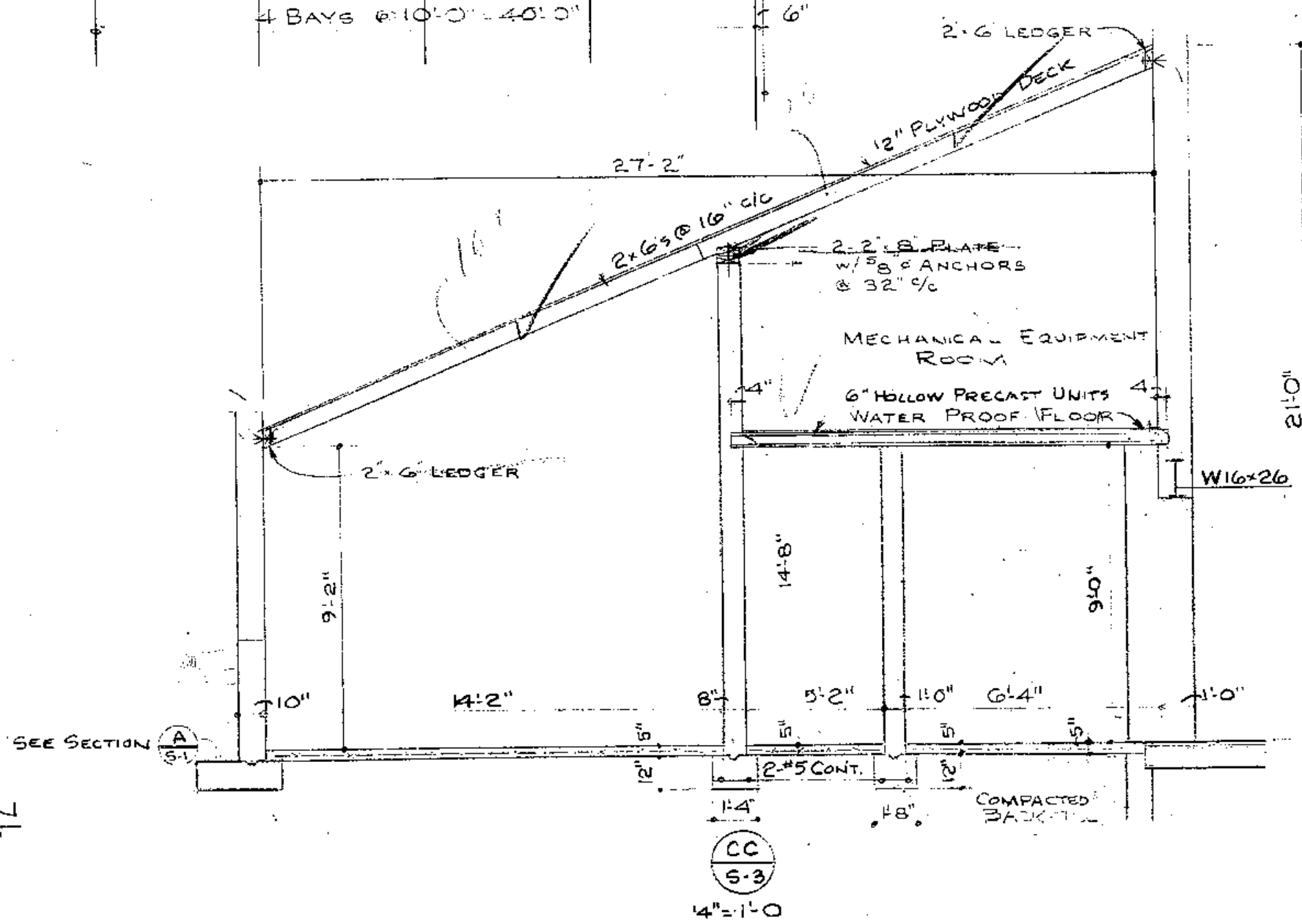
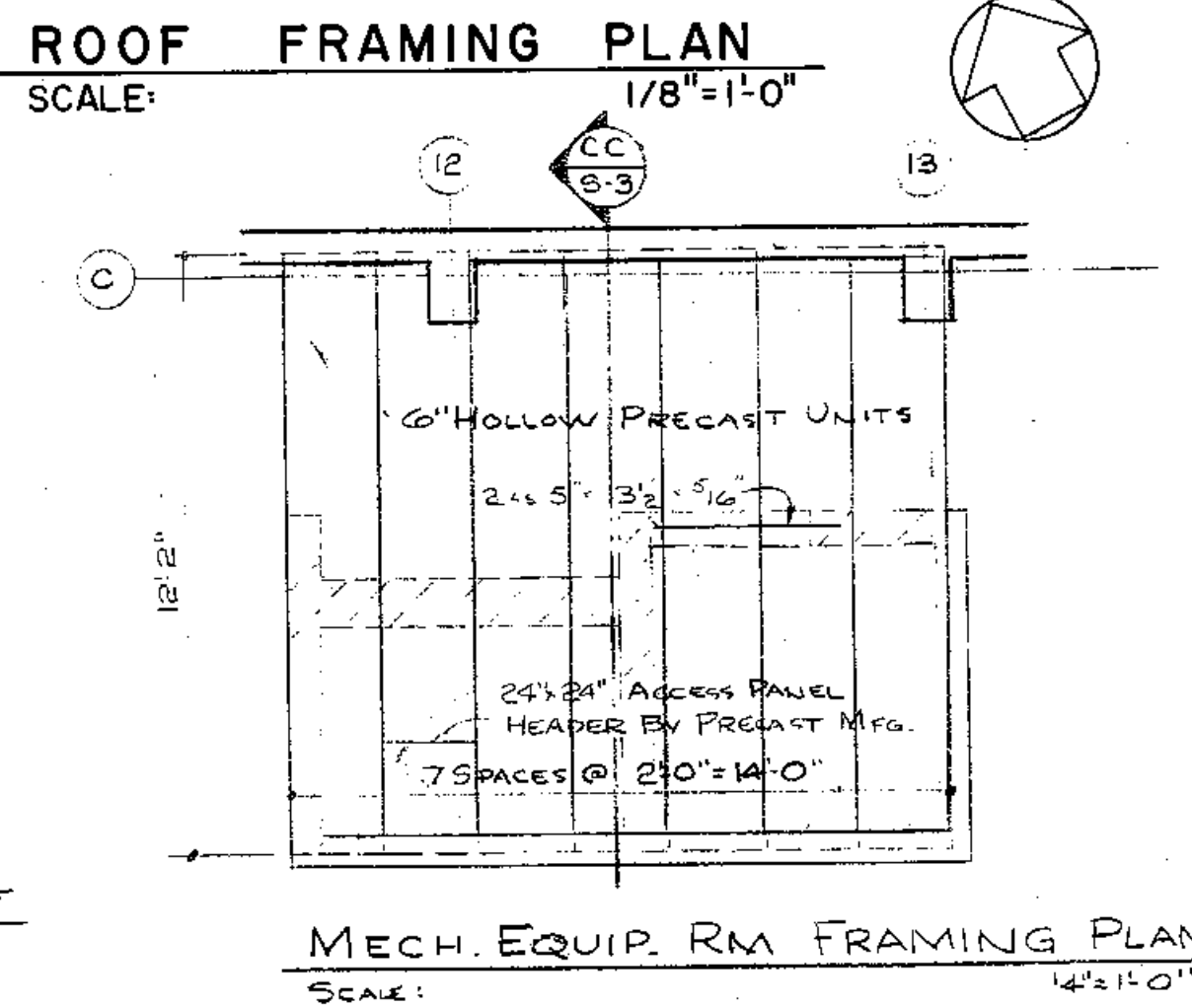
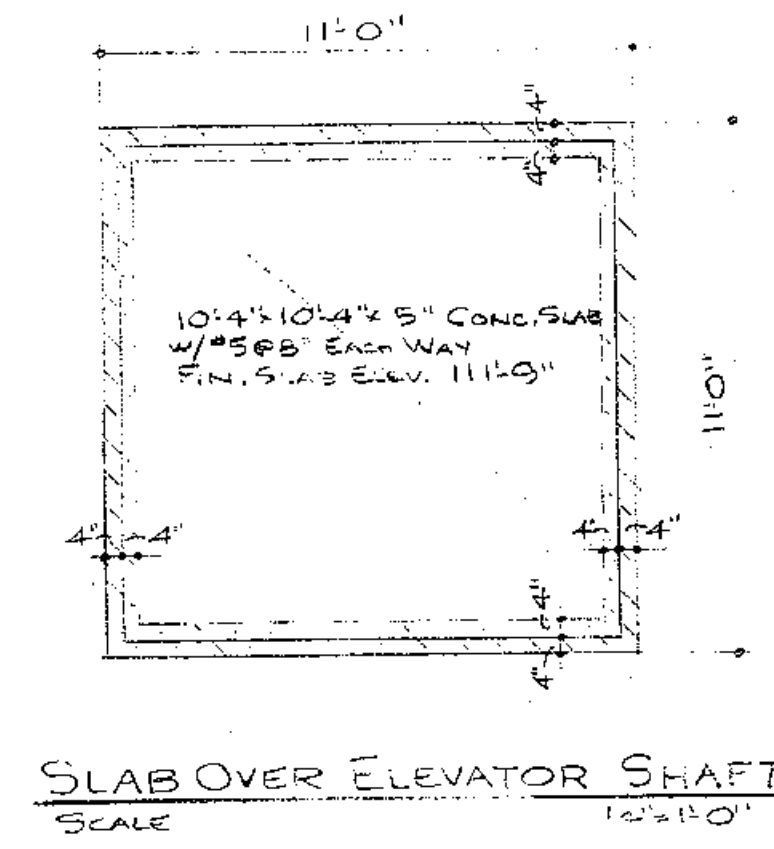
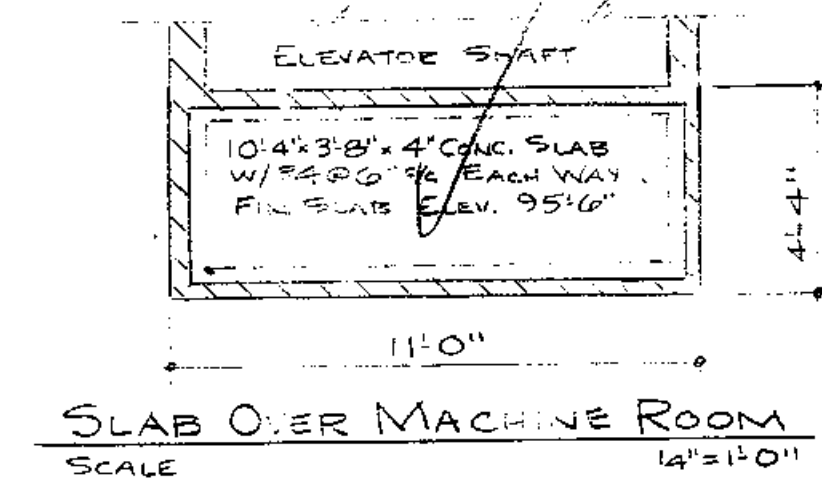
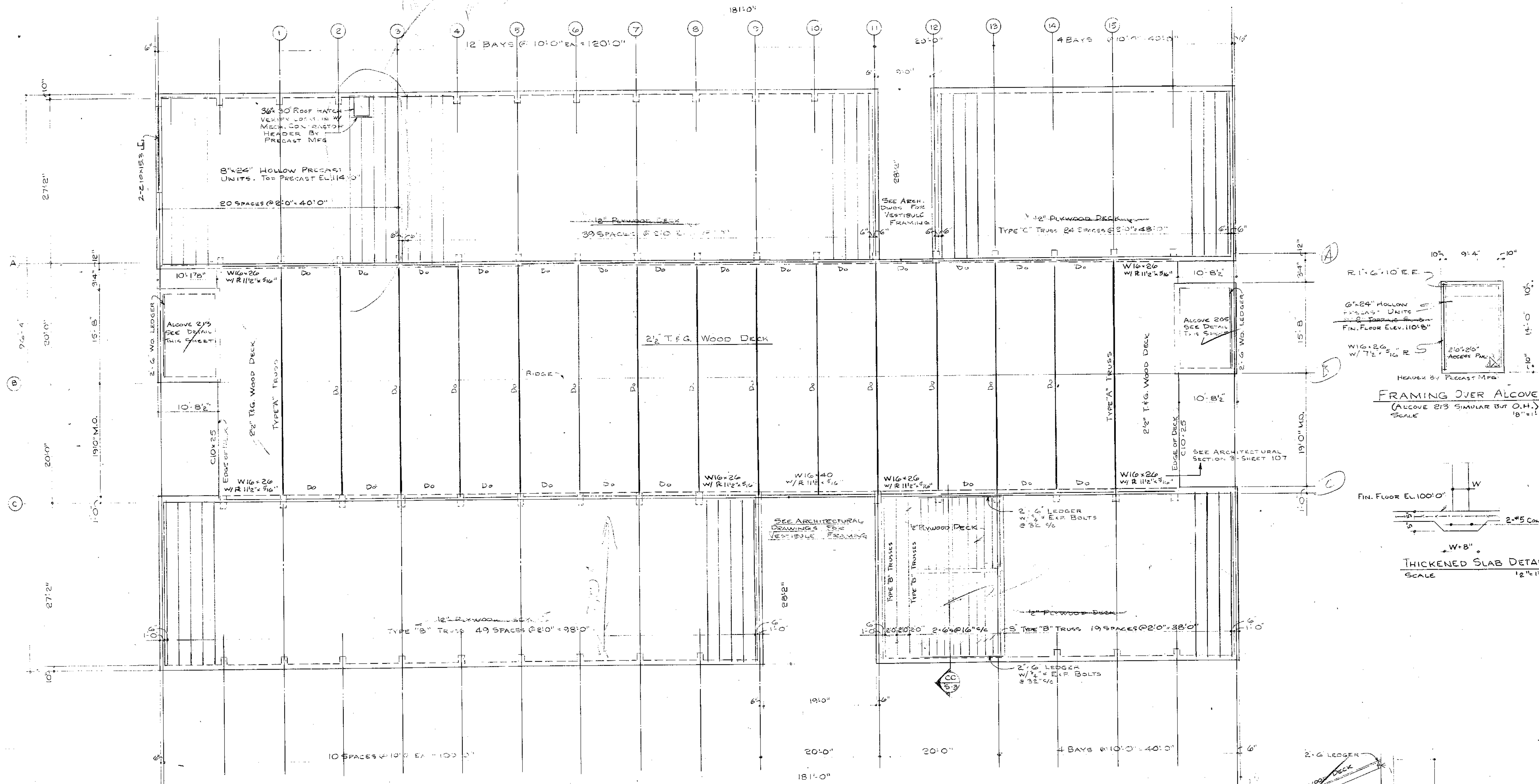
PRINTING

REVISIONS

RICHARD LEVIN ASSOCIATES INC. ARCHITECTS

24 NORTH JEFFERSON STREET DAYTON, OHIO 45402 513-224-1931

TROY-MIAMI COUNTY PUBLIC LIBRARY

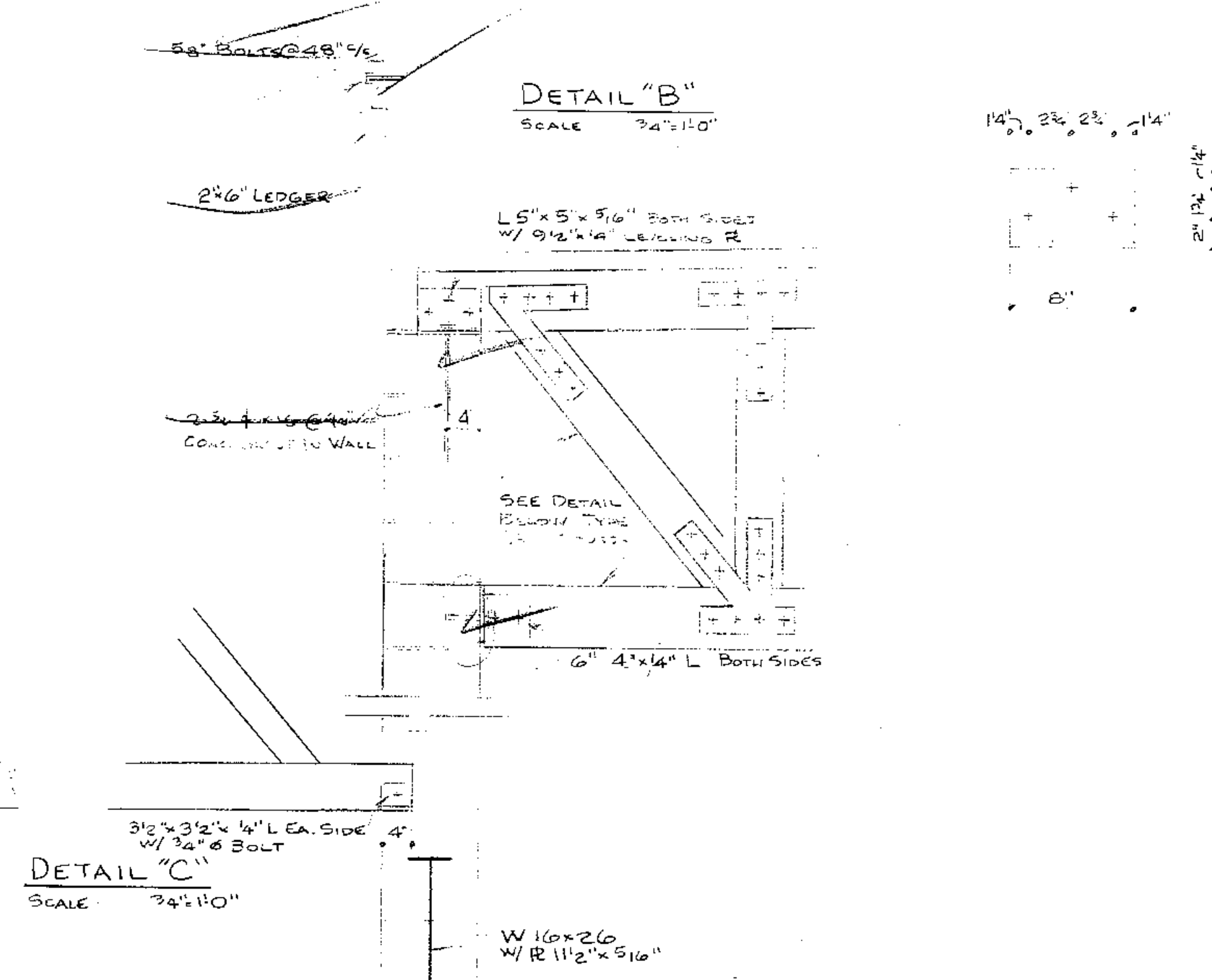
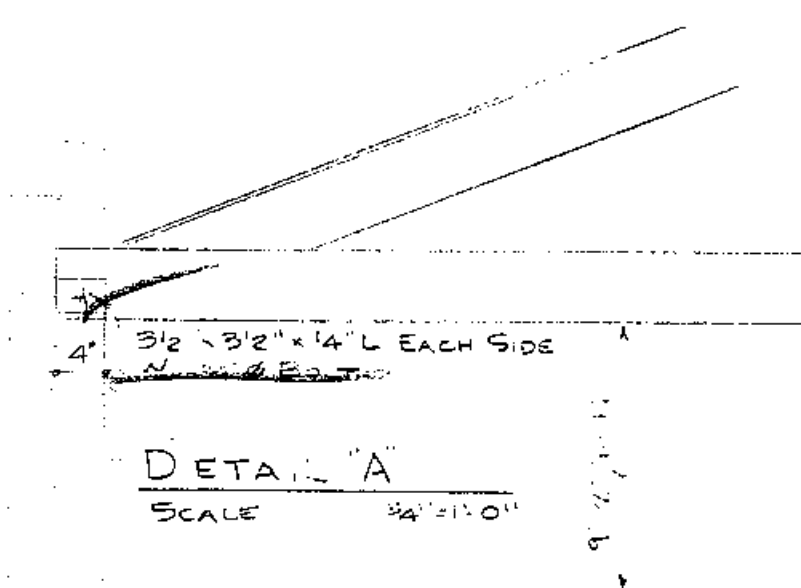


S3

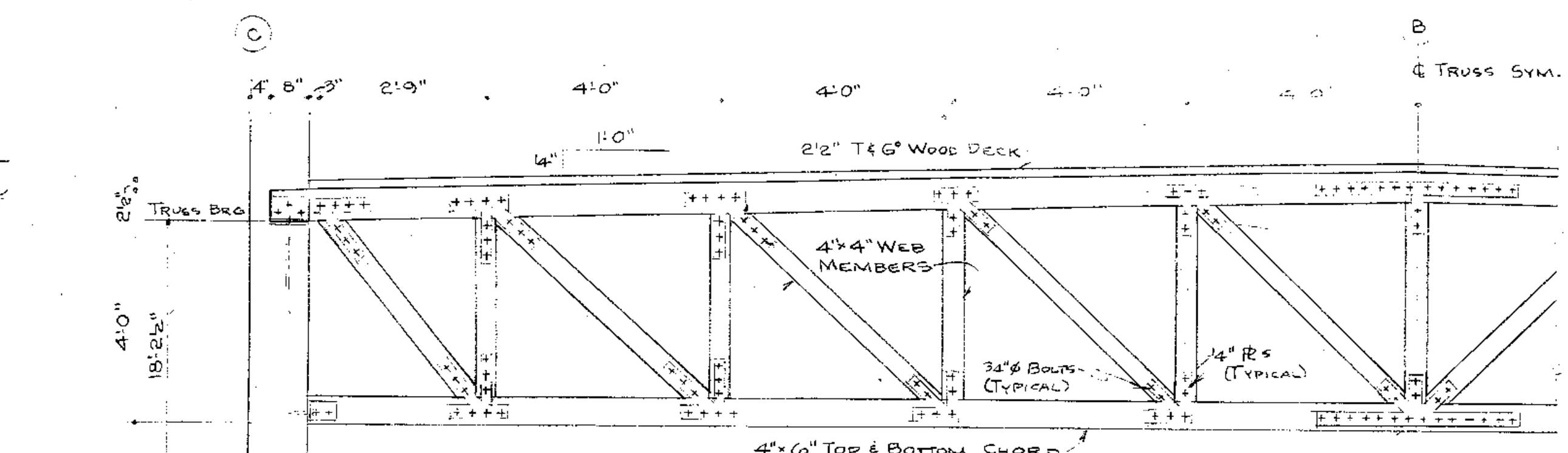
RICHARD LEVIN ASSOCIATES INC. ARCHITECTS
 24 NORTH JEFFERSON STREET DAYTON, OHIO 45402 513-224-1931
TROY-MIAMI COUNTY PUBLIC LIBRARY

PROJECT NO. 7244
 DRAWN
 CHECKED
 APPROVED
 PRELIM APPROVAL
 FINAL APPROVAL
 ISSUED 7-13-14

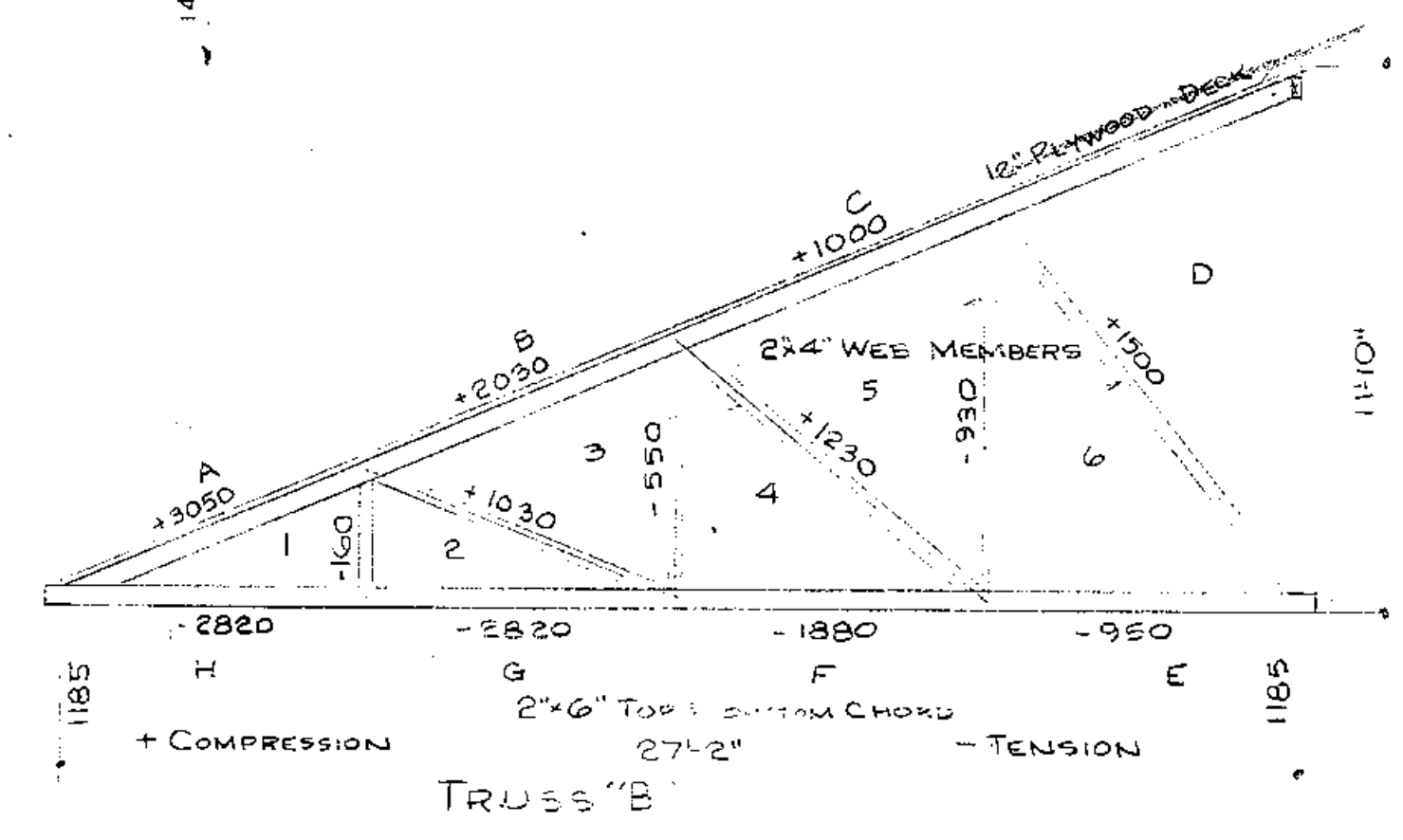
REVISIONS	PRINTING
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	



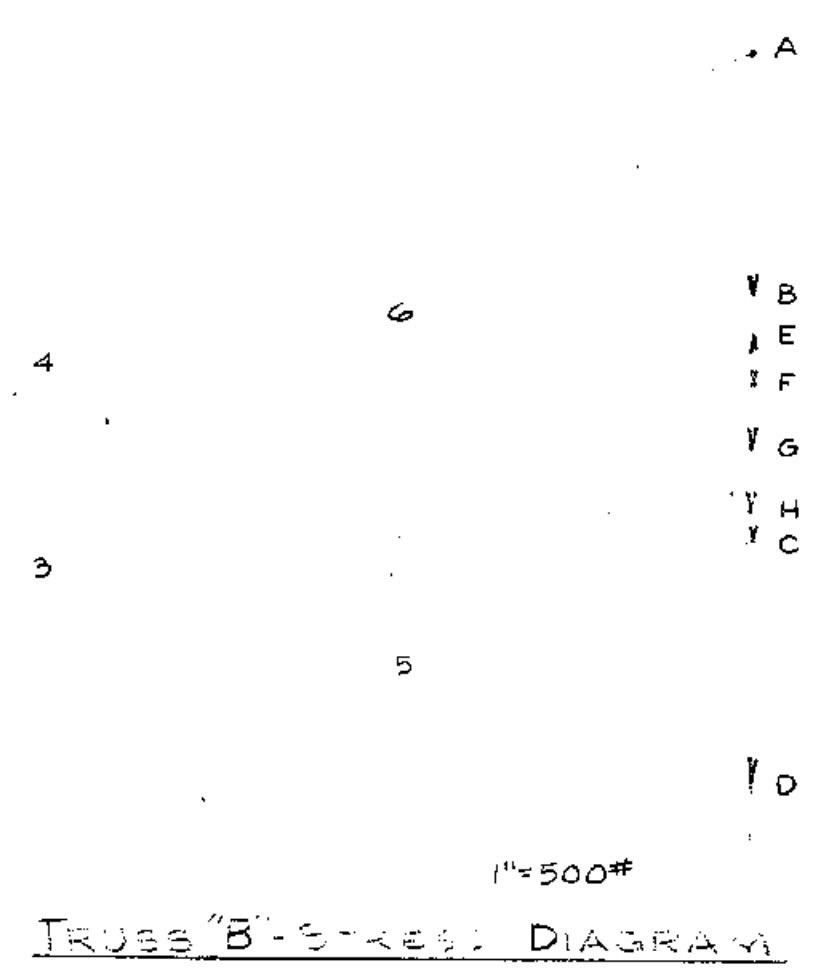
DETAIL "C"
SCALE: 3/4" = 1'-0"



DETAIL OF TRUSS "A"
SCALE 1/2" = 1'-0"



TRUSS 'B'



1" = 500#

TRUSS "C" - STRESS DIAGRAM

1991	7	10/10/91	10/10/91
1992	7	10/10/92	10/10/92
1993	7	10/10/93	10/10/93
1994	7	10/10/94	10/10/94
1995	7	10/10/95	10/10/95
1996	7	10/10/96	10/10/96
1997	7	10/10/97	10/10/97
1998	7	10/10/98	10/10/98
1999	7	10/10/99	10/10/99
2000	7	10/10/00	10/10/00
2001	7	10/10/01	10/10/01
2002	7	10/10/02	10/10/02
2003	7	10/10/03	10/10/03
2004	7	10/10/04	10/10/04
2005	7	10/10/05	10/10/05
2006	7	10/10/06	10/10/06
2007	7	10/10/07	10/10/07
2008	7	10/10/08	10/10/08
2009	7	10/10/09	10/10/09
2010	7	10/10/10	10/10/10
2011	7	10/10/11	10/10/11
2012	7	10/10/12	10/10/12
2013	7	10/10/13	10/10/13
2014	7	10/10/14	10/10/14
2015	7	10/10/15	10/10/15
2016	7	10/10/16	10/10/16
2017	7	10/10/17	10/10/17
2018	7	10/10/18	10/10/18
2019	7	10/10/19	10/10/19
2020	7	10/10/20	10/10/20
2021	7	10/10/21	10/10/21
2022	7	10/10/22	10/10/22
2023	7	10/10/23	10/10/23
2024	7	10/10/24	10/10/24
2025	7	10/10/25	10/10/25
2026	7	10/10/26	10/10/26
2027	7	10/10/27	10/10/27
2028	7	10/10/28	10/10/28
2029	7	10/10/29	10/10/29
2030	7	10/10/30	10/10/30
2031	7	10/10/31	10/10/31
2032	7	10/10/32	10/10/32
2033	7	10/10/33	10/10/33
2034	7	10/10/34	10/10/34
2035	7	10/10/35	10/10/35
2036	7	10/10/36	10/10/36
2037	7	10/10/37	10/10/37
2038	7	10/10/38	10/10/38
2039	7	10/10/39	10/10/39
2040	7	10/10/40	10/10/40
2041	7	10/10/41	10/10/41
2042	7	10/10/42	10/10/42
2043	7	10/10/43	10/10/43
2044	7	10/10/44	10/10/44
2045	7	10/10/45	10/10/45
2046	7	10/10/46	10/10/46
2047	7	10/10/47	10/10/47
2048	7	10/10/48	10/10/48
2049	7	10/10/49	10/10/49
2050	7	10/10/50	10/10/50
2051	7	10/10/51	10/10/51
2052	7	10/10/52	10/10/52
2053	7	10/10/53	10/10/53
2054	7	10/10/54	10/10/54
2055	7	10/10/55	10/10/55
2056	7	10/10/56	10/10/56
2057	7	10/10/57	10/10/57
2058	7	10/10/58	10/10/58
2059	7	10/10/59	10/10/59
2060	7	10/10/60	10/10/60
2061	7	10/10/61	10/10/61
2062	7	10/10/62	10/10/62
2063	7	10/10/63	10/10/63
2064	7	10/10/64	10/10/64
2065	7	10/10/65	10/10/65
2066	7	10/10/66	10/10/66
2067	7	10/10/67	10/10/67
2068	7	10/10/68	10/10/68
2069	7	10/10/69	10/10/69
2070	7	10/10/70	10/10/70
2071	7	10/10/71	10/10/71
2072	7	10/10/72	10/10/72
2073	7	10/10/73	10/10/73
2074	7	10/10/74	10/10/74
2075	7	10/10/75	10/10/75
2076	7	10/10/76	10/10/76
2077	7	10/10/77	10/10/77
2078	7	10/10/78	10/10/78
2079	7	10/10/79	10/10/79
2080	7	10/10/80	10/10/80
2081	7	10/10/81	10/10/81
2082	7	10/10/82	10/10/82
2083	7	10/10/83	10/10/83
2084	7	10/10/84	10/10/84
2085	7	10/10/85	10/10/85
2086	7	10/10/86	10/10/86
2087	7	10/10/87	10/10/87
2088	7	10/10/88	10/10/88
2089	7	10/10/89	10/10/89
2090	7	10/10/90	10/10/90
2091	7	10/10/91	10/10/91
2092	7	10/10/92	10/10/92
2093	7	10/10/93	10/10/93
2094	7	10/10/94	10/10/94
2095	7	10/10/95	10/10/95
2096	7	10/10/96	10/10/96
2097	7	10/10/97	10/10/97
2098	7	10/10/98	10/10/98
2099	7	10/10/99	10/10/99
2100	7	10/10/00	10/10/00
2101	7	10/10/01	10/10/01
2102	7	10/10/02	10/10/02
2103	7	10/10/03	10/10/03
2104	7	10/10/04	10/10/04
2105	7	10/10/05	10/10/05
2106	7	10/10/06	10/10/06
2107	7	10/10/07	10/10/07
2108	7	10/10/08	10/10/08
2109	7	10/10/09	10/10/09
2110	7	10/10/10	10/10/10
2111	7	10/10/11	10/10/11
2112	7	10/10/12	10/10/12
2113	7	10/10/13	10/10/13
2114	7	10/10/14	10/10/14
2115	7	10/10/15	10/10/15
2116	7	10/10/16	10/10/16
2117	7	10/10/17	10/10/17
2118	7	10/10/18	10/10/18
2119	7	10/10/19	10/10/19
2120	7	10/10/20	10/10/20
2121	7	10/10/21	10/10/21
2122	7	10/10/22	10/10/22
2123	7	10/10/23	10/10/23
2124	7	10/10/24	10/10/24
2125	7	10/10/25	10/10/25
2126	7	10/10/26	10/10/26
2127	7	10/10/27	10/10/27
2128	7	10/10/28	10/10/28
2129	7	10/10/29	10/10/29
2130	7	10/10/30	10/10/30
2131	7	10/10/31	10/10/31
2132	7	10/10/32	10/10/32
2133	7	10/10/33	10/10/33
2134	7	10/10/34	10/10/34
2135	7	10/10/35	10/10/35
2136	7	10/10/36	10/10/36
2137	7	10/10/37	10/10/37
2138	7	10/10/38	10/10/38
2139	7	10/10/39	10/10/39
2140	7	10/10/40	10/10/40
2141	7	10/10/41	10/10/41
2142	7	10/10/42	10/10/42
2143	7	10/10/43	10/10/43
2144	7	10/10/44	10/10/44
2145	7	10/10/45	10/10/45
2146	7	10/10/46	10/10/46
2147	7	10/10/47	10/10/47
2148	7	10/10/48	10/10/48
2149	7	10/10/49	10/10/49
2150	7	10/10/50	10/10/50
2151	7	10/10/51	10/10/51
2152	7	10/10/52	10/10/52
2153	7	10/10/53	10/10/53
2154	7	10/10/54	10/10/54
2155	7	10/10/55	10/10/55
2156	7	10/10/56	10/10/56
2157	7	10/10/57	10/10/57
2158	7	10/10/58	10/10/58
2159	7	10/10/59	10/10/59
2160	7	10/10/60	10/10/60
2161	7	10/10/61	10/10/61
2162	7	10/10/62	10/10/62
2163	7	10/10/63	10/10/63
2164	7	10/10/64	10/10/64
2165	7	10/10/65	10/10/65
2166	7	10/10/66	10/10/66
2167	7	10/10/67	10/10/67
2168	7	10/10/68	10/10/68
2169	7	10/10/69	10/10/69
2170	7	10/10/70	10/10/70
2171	7	10/10/71	10/10/71
2172	7	10/10/72	10/10/72
2173	7	10/10/73	10/10/73
2174	7	10/10/74	10/10/74
2175	7	10/10/75	10/10/75
2176	7	10/10/76	10/10/76
2177	7	10/10/77	10/10/77
2178	7	10/10/78	10/10/78
2179	7	10/10/79	10/10/79
2180	7	10/10/80	10/10/80
2181	7	10/10/81	10/10/81
2182	7	10/10/82	10/10/82
2183	7	10/10/83	10/10/83
2184	7	10/10/84	10/10/84
2185	7	10/10/85	10/10/85
2186	7	10/10/86	10/10/86
2187	7	10/10/87	10/10/87
2188	7	10/10/88	10/10/88
2189	7	10/10/89	10/10/89
2190	7	10/10/90	10/10/90
2191	7	10/10/91	10/10/91
2192	7	10/10/92	10/10/92
2193	7	10/10/93	10/10/93
2194	7	10/10/94	10/10/94
2195	7	10/10/95	10/10/95
2196	7	10/10/96	10/10/96
2197	7	10/10/97	10/10/97
2198	7	10/10/98	10/10/98
2199	7	10/10/99	10/10/99
2200	7	10/10/00	10/10/00
2201	7	10/10/01	10/10/01
2202	7	10/10/02	10/10/02
2203	7	10/10/03	10/10/03
2204	7	10/10/04	10/10/04
2205	7	10/10/05	10/10/05
2206	7	10/10/06	10/10/06
2207	7	10/10/07	10/10/07
2208	7	10/10/08	10/10/08
2209	7	10/10/09	10/10/09
2210	7	10/10/10	10/10/10
2211	7	10/10/11	10/10/11
2212	7	10/10/12	10/10/12
2213	7	10/10/13	10/10/13
2214	7	10/10/14	10/10/14
2215	7	10/10/15	10/10/15
2216	7	10/10/16	10/10/16
2217	7	10/10/17	10/10/17
2218	7	10/10/18	10/10/18
2219	7	10/10/19	10/10/19
2220	7	10/10/20	10/10/20
2221	7	10/10/21	10/10/21
2222	7	10/10/22	10/10/22
2223	7	10/10/23	10/10/23
2224	7	10/10/24	10/10/24
2225	7	10/10/25	10/10/25
2226	7	10/10/26	10/10/26
2227	7	10/10/27	10/10/27
2228	7	10/10/28	10/10/28
2229	7	10/10/29	10/10/29
2230	7	10/10/30	10/10/30
2231	7	10/10/31	10/10/31
2232	7	10/10/32	10/10/32
2233	7	10/10/33	10/10/33
2234	7	10/10/34	10/10/34
2235	7	10/10/35	10/10/35
2236	7	10/10/36	10/10/36
2237	7	10/10/37	10/10/37
2238	7	10/10/38	10/10/38
2239	7	10/10/39	10/10/39
2240	7	10/10/40	10/10/40
2241	7	10/10/41	10/10/41
2242	7	10/10/42	10/10/42
2243	7	10/10/43	10/10/43
2244	7	10/10/44	10/10/44
2245	7	10/10/45	10/10/45
2246	7	10/10/46	10/10/46
2247	7	10/10/47	10/10/47
2248	7	10/10/48	10/10/48
2249	7	10/10/49	10/10/49
2250	7	10/10/50	10/10/50
2251	7	10/10/51	10/10/51
2252	7	10/10/52	10/10/52
2253	7	10/10/53	10/10/53
2254	7	10/10/54	10/10/54
2255	7	10/10/55	10/10/55
2256	7	10/10/56	10/10/56
2257	7	10/10/57	10/10/57
2258	7	10/10/58	10/10/58
2259	7	10/10/59	10/10/59
2260	7	10/10/60	10/10/60
2261	7	10/10/61	10/10/61
2262	7	10/10/62	10/10/62
2263	7	10/10/63	10/10/63
2264	7	10/10/64	10/10/64
2265	7	10/10/65	10/10/65
226			

PROJECT NO. 7244
DRAWN
CHECKED
APPROVED
PRELIM APPROVAL
FINAL APPROVAL
ISSUED 7-19-74

RICHARD LEVIN ASSOCIATES INC. ARCHITECTS
24 NORTH JEFFERSON STREET DAYTON, OHIO 45402 513-224-1931

TROY-MIAMI COUNTY PUBLIC LIBRARY

TROY-MIAMI COUNTY PUBLIC LIBRARY



S4

NOTE - ALT. P-6
ALL EXTERIOR STORM WORK (WITH THE EXCEPTION OF THE PARKING AREA CATCH BASINS & RELATED LATERALS) SHALL BE INCLUDED UNDER ALT. P-6
-REFER TO FLOOR PLANS FOR ADDITIONAL STORM WORK TO BE INCLUDED UNDER ALT. P-6

LEGEND

- SANITARY DRAINAGE PIPE
- INDIRECT WASTE PIPE
- VENT PIPE
- STORM DRAINAGE PIPE
- COLD WATER PIPE
- HOT WATER PIPE (12.0)
- VALVE
- CHECK VALVE
- UNION
- DIRECTION OF FLOW
- DIRECTION OF DOWNWARD PITCH
- AI
- FD-1
- SS
- VE
- DS
- CD
- CI
- SP
- M.H.
- CB
- F.E.C.
- F.E.
- P.C.
- M.C.
- E.C.
- G.C.
- NOTE
- UP TO

PLUMBING NOTES

- THE P.C. SHALL VERIFY LOCATION AND SIZE OF EXISTING UTILITIES AT POINTS OF CONNECTION BEFORE PROCEEDING WITH THE INSTALLATION
- 2" WATER METER IN PIT LOCATION AND INSTALLATION SHALL CONFORM TO TROY WATER DEPT. STANDARDS (DWG. T-2004)
- CONNECT TO EXISTING WATER MAIN IN ACCORDANCE WITH TROY WATER DEPT. STANDARDS (DWG. T-201)
- CATCH BASIN SHALL BE CITY OF TROY STANDARD TYPE "B" COMPLETE WITH CAST IRON GRATE & FRAME (DWG. T-207) CATCH BASIN AND RELATED PIPING TO STORM SEWER SHALL BE INCLUDED UNDER ALT. P-5
- PIPING FROM THIS POINT TO C.B. SHALL BE INCLUDED UNDER ALT. P-5
- MANHOLE SHALL BE CITY OF TROY STANDARD "JUNCTION" TYPE COMPLETE WITH CAST IRON COVER & FRAME (DWG. T-100) SANITARY (DWG. T-205) STORM

ELECTRICAL NOTES

- RUN CIRCUIT L-19 THRU TIME SWITCH (CIRCUIT C) LOCATED IN MISC. RM. 112
- RUN CIRCUIT L-15 THRU TIME SWITCH (CIRCUIT A) LOCATED IN MISC. RM. 112
- UNDER BASE B12 ONLY PROVIDE A 2" EMPTY PVC CONDUIT ENCASED IN CONCRETE STUBBED IN PERMANENT AREA (PROVIDE MIN. 20" DEPTH)
- ALL "PUL" FIXTURES, BASES, CONDUIT AND WIRING WITHIN DESIGN AREA TO BE UNDER ALTERNATE P-5
- ALL "PUL" FIXTURES AND WIRING MTD. ON DECORATIVE WALL TO BE UNDER BASE B12 - REFER TO ALTERNATE "E" IN SPEC.
- UNDER ALTERNATE "E" ONLY PROVIDE EMPTY CONDUIT TO PUL. L-6 PROVIDE A JUNCTION BOX WITH COVER PLATE FLUSH WITH TOP OF DECORATIVE WALL FOR FUTURE LIGHTING (WITH PULL WIRE IN CONDUIT)

PROJECT NO. 7244

DRAWN

CHECKED

APPROVED

PRELIM APPROVAL

FINAL APPROVAL

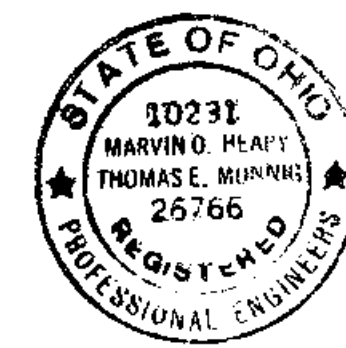
ISSUED

7-19-74

RICHARD LEVIN ASSOCIATES INC. ARCHITECTS

24 NORTH JEFFERSON STREET DAYTON, OHIO 45402 513-224-1931

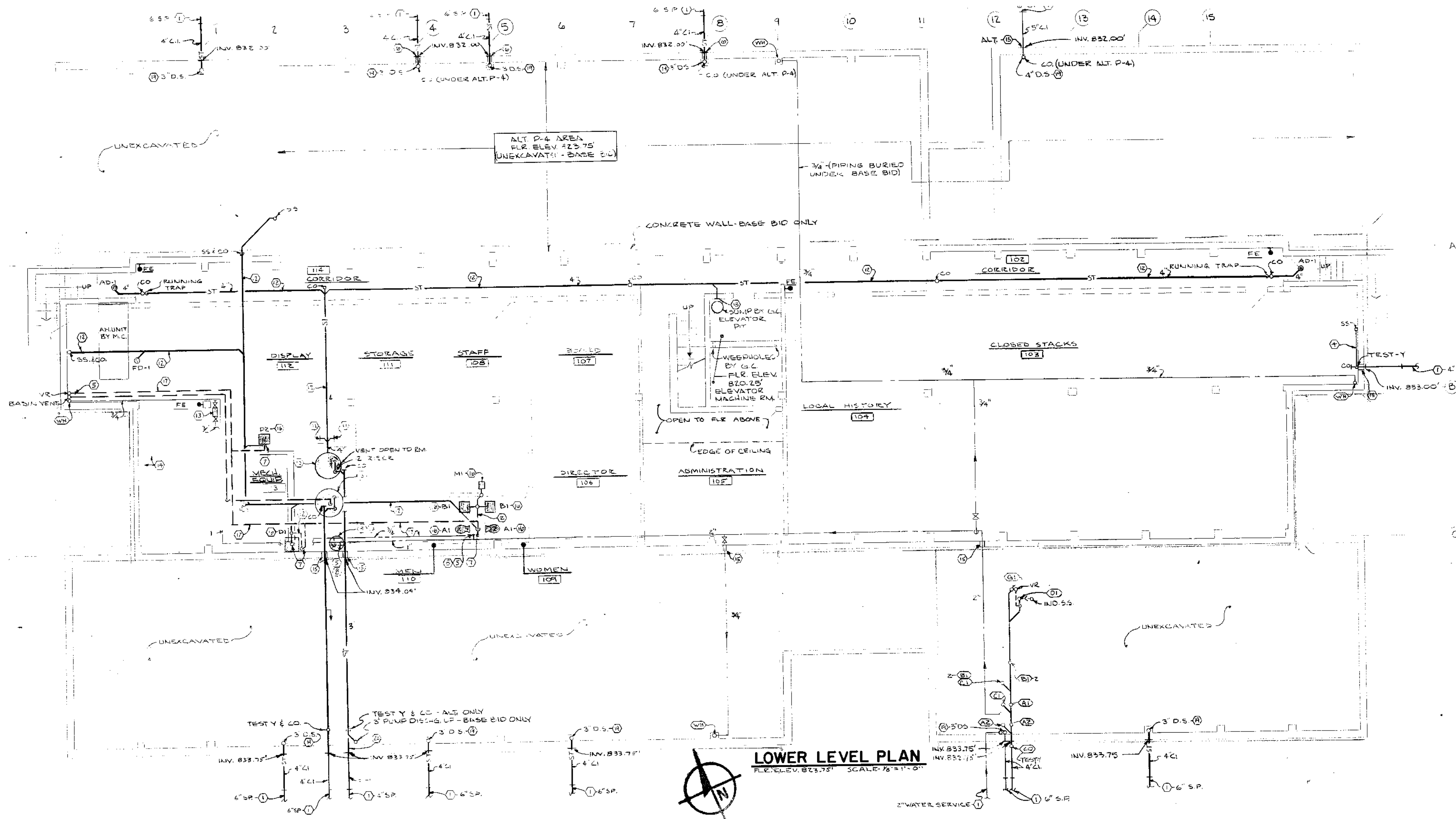
TROY-MIAMI COUNTY PUBLIC LIBRARY



P1

PLOT PLAN
SCALE: 1" = 20'





GENERAL NOTES

- 1) ALL SOIL & WASTE PIPING IS BELOW GRADE LEVEL FLOOR SLAB UNLESS OTHERWISE INDICATED.
- 2) ALL SUPPLY, STORM & VENT PIPING IS ABOVE THE CEILING (AT THE CEILING IN EXPOSED STRUCTURAL AREAS) UNLESS OTHERWISE INDICATED.
- 3) REFER TO SCHEDULES & PIPING DIAGRAMS FOR ALL PIPING AND PIPE SIZES NOT SHOWN ON THE FLOOR PLAN.
- 4) REFER TO ARCHITECTURAL DWGS. FOR ROOF AND CEILING HEIGHTS AND OFFSETS.

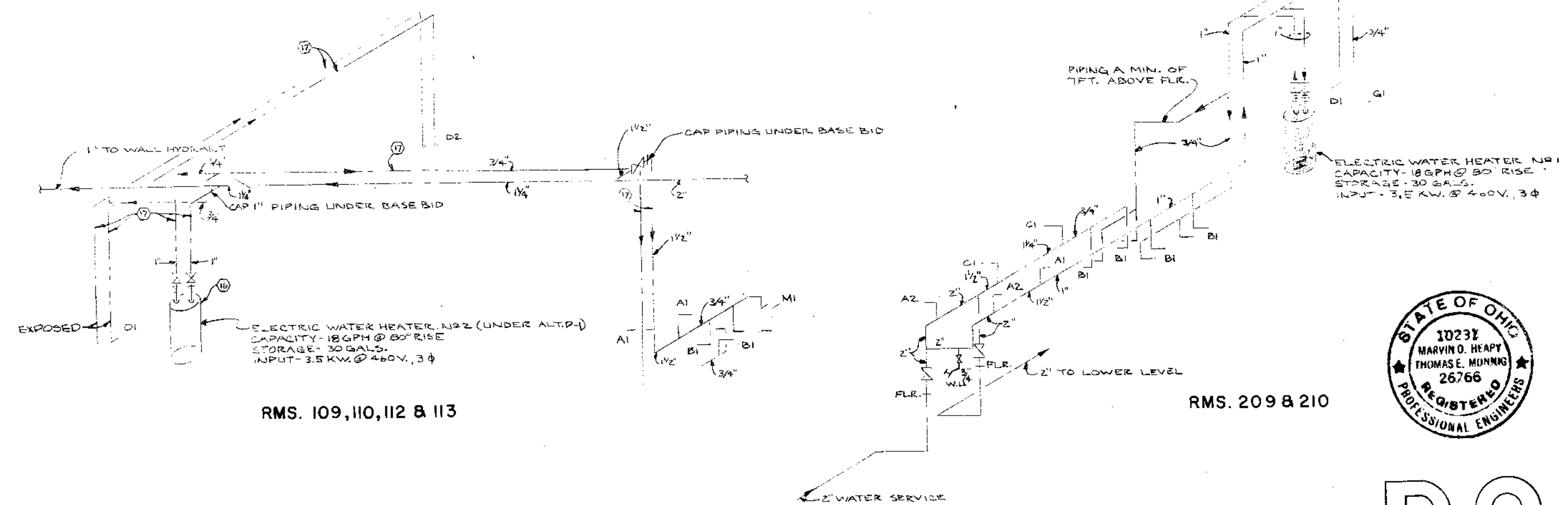
NOTES

- 1) PIPING CONT'D ON P-10 PLAN.
- 2) PIPING IN CHASE NEAR FLOOR SLAB - SEE S.W. & N. DIAGRAM.
- 3) DUPLEX SUBMERSIBLE SEWAGE EJECTOR - CAPACITY: 75 GPM @ 20 FT. HEAD (EACH) MOTOR: 1HP, 460V, 3Ø (EACH) BASIN: 48" DIA. X 6 FT. DEEP WITH INLETS 2'-6" BELOW FLOOR SLAB.
- 4) PIPING ABOVE CEILING (AT CEILING IN EXPOSED STRUCTURAL AREAS).
- 5) CAP PIPING UNDER BASE BID.
- 6) PIPE EMBEDDED IN CONCRETE WALL - UNDER ALT-4 CAULK WATER TIGHT WITH A PERMANENTLY PLIABLE COMPOUND AT OUTSIDE FACE OF WALL.
- 7) STUD PIPING UP THRU LOWER LEVEL FLOOR SLAB AND CAP UNDER BASE BID - PIPING CONT'D UNDER ALT. P-1 SEE SOIL & WASTE & VENT DIAGRAMS.
- 8) PIPING CONT'D ON SUPPLY PIPING DIAGRAM.
- 9) ELECTRIC WATER HEATER #2 - SEE DIAGRAM.
- 10) DUPLEX SUBMERSIBLE SUMP PUMP - CAPACITY: 30 GPM @ 20 FT. HEAD (EACH) MOTOR: 1/2HP, 460V, 3Ø (EACH) BASIN: 36" DIA. X 6 FT. DEEP / INLET & 3 FT. BELOW FLOOR. PROVIDE UNION, CHECK VALVE & GATE VALVE ON EACH 1/4" DISCHARGE.
- 11) 4" STUD FOR FOUNDATION DRAIN CONNECTION.
- 12) PIPING BELOW LOWER LEVEL FLOOR SLAB.
- 13) BACKFLOW PREVENTER - APP. REDUCED PRESS. TYPE (3/4" SIZE) COMPLETE WITH VALVES & UNIONS BY P.C. PIPING CONT'D BY M.C.
- 14) ELECTRICAL SWITCHGEAR: DISTRIBUTION PANELS.
- 15) SLEEVE PIPING THRU WALL - CAULK WATER TIGHT WITH A PERMANENTLY PLIABLE COMPOUND.
- 16) PICTURE OR ITEM OF EQUIPMENT INCLUDED UNDER ALT. P-1.
- 17) PIPING INCLUDED UNDER ALT. P-1.
- 18) REMOVABLE BRASS PLUG (1/4" SIZE) AT ELEV. 823.00' FOR FUTURE SUMP PUMP.
- 19) EXTENSION OF BASE BID DOWNSPOUT AND THE LATERAL CONNECTION TO THE EXTERIOR STORM SEWER SHALL BE INCLUDED UNDER ALT. P-2. REFER TO SHEET P-3 FOR EXTENT OF WORK INCLUDED UNDER BASE BID.
- 20) UNDERGROUND EXTENSION OF SUMP PUMP DISCHARGE TO EXTERIOR STORM SEWER SHALL BE INCLUDED UNDER ALT. P-2.

FIXTURES												
SYMBOL	DESCRIPTION	SUPPLY PIPING				DRAINAGE PIPING				REMARKS		
		W/S	W/T	C/W	C/W	W/S	W/T	C/W	C/W			
A1	WATER CLOSET - WALL HUNG	15"	1"	1"	1"	4"	1/2"	1/2"	1/2"	SEE DIAG.	SEE DIAG.	
A2	WATER CLOSET - W.H. - HANDICAPPED	20" TOP OF SEAT	1"	1"	1"	4"	1/2"	1/2"	1/2"	SEE DIAG.	SEE DIAG.	
B1	LAVATORY - 20" X 16"	31"	1/2"	1/2"	1/2"	1 1/4"	1/2"	1/2"	1/2"	W-521		
C1	URINAL - WALL HUNG	21" UP	1"	1"	1"	2"	1/2"	1/2"	1/2"	W-452		
D1	DUMP SINK - 24" X 24"	SUPPLY & 36"	1 1/4"	1 1/4"	1 1/4"	3"	3"	3"	1 1/2"	PRECAST RECEPTOR BY P.C.		
D2	SERVICE SINK	28"	1 1/2"	1 1/2"	1 1/2"	3"	3"	3"	1 1/2"	TRAP STANDARD		
G1	WATER COOLER - WALL HUNG	36"	1 1/2"	1 1/2"	1 1/2"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	W-531		
M1	KITCHENETTE UNIT	—	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	UNIT BY G.C. - SEE NOTE		

INDICATES ITEMS OF EQUIPMENT FURNISHED COMPLETE WITH SUPPLY & WASTE TRIM AND SET IN PLACE BY THE G.C. - THE P.C. SHALL INSTALL ALL LOOSE TRIM AND SHALL FURNISH AND INSTALL ALL STOPS, TRAPS, CONTINUOUS WASTE AND MAKE ALL FINAL CONNECTIONS.

DRAINS												
SYMBOL	TYPE	BODY	STRAINER				OUTLET				REMARKS	
			SIZE	GRADE	GRADE	GRADE	SIZE	GRADE	GRADE	GRADE		
AD-1	—	—	8"	—	—	—	4"	—	—	W-1434	SECURED GRATE	
FD-1	—	—	7"	—	—	—	3"	—	—	W-2500	8" X 6" BODY, DIS - ARE INTERIOR	
ED-1	—	—	11"	—	—	—	3"	—	—	W-3500	BEARING PAN W/ 5/8" EXPANSION JOINT	
ED-2	—	—	—	—	—	—	3"	—	—	W-3273	SUPPORT DRAIN W/ SLOPPING GRATE	
ED-3	—	—	11"	—	—	—	3"	—	—	W-3503	BEARING PAN UNDERDECK CLAMP	

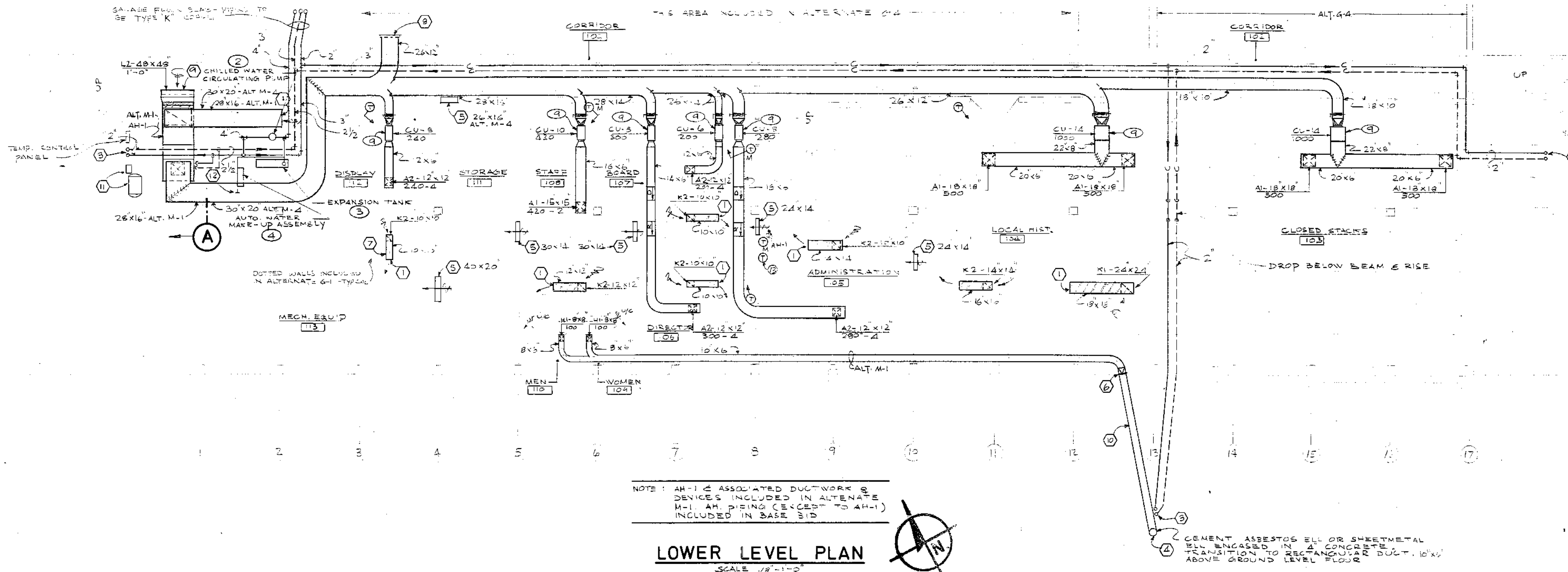


P 2

RICHARD LEVIN ASSOCIATES INC. ARCHITECTS
 24 NORTH JEFFERSON STREET DAYTON, OHIO 45402 513-224-1931

TROY-MIAMI COUNTY PUBLIC LIBRARY

PRINTING		REVISIONS	
DATE	BY	NO.	DESCRIPTION
7/19/74	7/19/74	1	ISSUED
7/19/74	7/19/74	2	FINAL APPROVAL
7/19/74	7/19/74	3	APPROVED
7/19/74	7/19/74	4	CHECKED
7/19/74	7/19/74	5	DRAWN



LOWER LEVEL PLAN
SCALE 1/8"=1'-0"

ELECTRIC HEATING UNITS									
UNIT NO.	DESCRIPTION	MOUNTING		HEATING		ELECTRIC SUPPLY		APPROX. DIMENSIONS	
		FLOOR	WALL	CEILING	CFM	Btu/hr.	K.W.	LENGTH	DEPTH
EH-1	CABINET UNIT HEATER				1000	61500	1.8	65"	12"
EH-2	PROPELLER				750	51160	1.5	15"	17"
EH-3	CABINET UNIT HEATER				400	35200	1.1	65"	9"
EC-1	FIN TUBE CONVECTOR				25400	7.5		96"	5"
EC-2	FIN TUBE CONVECTOR				4820	2		72"	5"
EC-3	FIN TUBE CONVECTOR				5120	1.5			

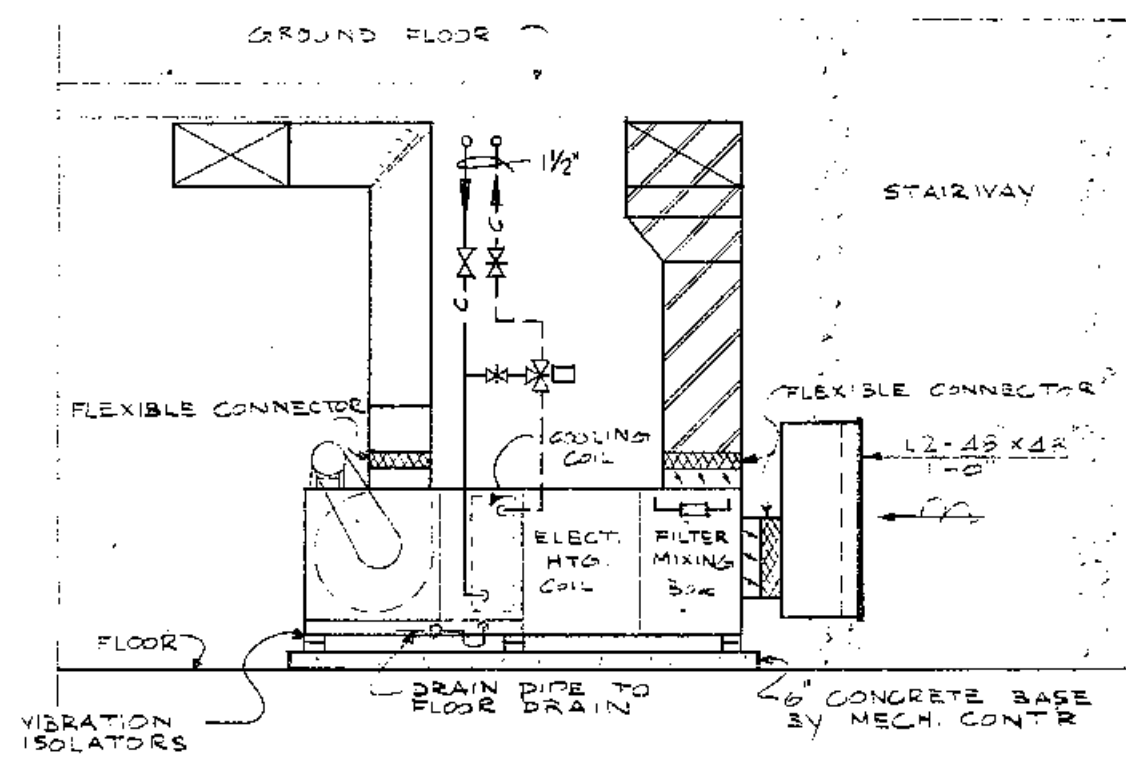
NOTES:
1. THERMOSTAT MOUNTED ON UNIT
2. RECESS 2" INTO WALL
3. MOUNT 4" ABOVE FLOOR
4. LOCATE CABINET 2" FROM WALL

AIR DISTRIBUTION DEVICES									
SYMBOL	DESCRIPTION	BORDER	MATERIAL	FINISH	SEE NOTE 2	CATALOG NUMBER	ACCESSORIES		REMARKS
		1/4" IN	OVERLAP	STEEL	ALUM.	NAME	E.C.L.	DNBE	
A1	STANDARD SQUARE CEILING DIFFUSER					ML-4	W6 GRID		FIT 24" X 24" GRID
A2	STANDARD SQUARE CEILING DIFFUSER					ME	W6 GRID		
E1	ADJUSTABLE BLADE GRILLE					A-55	W6 GRID		
F1	ADJUSTABLE BLADE REGISTER					A-557			
H1	FIXED BLADE REGISTER					A-770			
K1	EGGCRATE CEILING REGISTER					CR-506 U			FIT 24" X 24" GRID
K2	EGGCRATE CEILING REGISTER					CR-506			
L1	LOUVER					ANODIZED	LW-P1447-ES-K	1/2" MESH BIRD-SCREEN ON INSIDE	
L2	LOUVER					ANODIZED	LW-P1447-ES-J	1/2" MESH BIRD-SCREEN ON INSIDE	

NOTES:
1. CATALOG NUMBERS LISTED ARE TOTTLE & BAILEY EXCEPT LOUVER NUMBERS WHICH ARE AMERICAN WARMING.
2. FINISH KEY: O.W.B. - OFF WHITE PAKE ENAMEL
E.C.L. - ETCHED FINISH WITH CLEAR LACQUER OR ANODIZED.
3. PROVIDE FRAMES FOR MOUNTING OF AIR DEVICES IN PLASTER, DRYWALL, CONCRETE AND MASONRY WALLS AND CEILING.

AIR HANDLING UNITS																
UNIT NO.	SERVICE	FAN SECTION					COOLING COIL					ELECTRIC REHEAT COIL				
		CFM	TOTAL S.F.	NO. OF WHEELS	MIN. MOTOR H.P.	480V/3#	MIN. FACE AREA - SQ. FT.	MIN. ROWS DEEP	TOTAL MBH	ENT. AIR DB	LEAVING AIR WB	QPM	3-WAY AUTO VALVE	CONTROL CABINET	K.W.	NO. OF STEPS
AH-1	LOWER LEVEL	3440	2 1/2'	1	14	5	7.5	6	120	76	63.5	52	31	1 1/2"	INTEGRAL	17
AH-2	CIRCULATION	5170	2 1/2'	1	15	7 1/2	9.4	8	135	76	62.5	54	23	1 1/2"	—	—
AH-3	ADULT READING	4100	2 1/2'	1	14	5	7.5	6	140	76	63.5	52.5	31	1 1/2"	REMOTE	26
AH-4	CHILDREN READING	4100	2 1/2'	1	14	5	7.5	6	140	76	63.5	52.5	31	1 1/2"	REMOTE	26
AH-5	ADULT & CHILDREN'S STACK	7240	2 1/2'	1	16	7 1/2	13.5	6	194	76	62.5	54	32.5	2"	—	—
AH-1	LOWER LEVEL INCLUDING ALTERNATE M-4 SPACE	5440	2 3/4'	1	15	7 1/2	11.4	6	184	76	63.5	52.5	31	1 1/2"	INTEGRAL	25

NOTES:
1. COOLING COIL CAPACITY BASED ON 46° ENT. WATER
2. MAXIMUM WATER PRESSURE DROPS - COOLING COILS - 20 FT.; AUTO. VALVES - 7 FT.
3. FILTERS - 2" THROWAWAY IN FILTER SECTION FURNISHED WITH AIR HANDLING UNIT.



ELECTRIC REHEAT COILS									
SYMBOL	CFM	Btu/hr.	ENT. AIR DB	LEAVING AIR WB	DUCT WIDTH	HEIGHT	K.W.	POWER 480V/3#	NO. OF STEPS
ERH-1	300	30,750	70	105	10"	10"	9		3
ERH-2	1000	34,140	70	102	10"	10"	10		3
ERH-3	1500	54,600	70	104	24"	12"	16		3
ERH-4	2600	119,220	70	105	20"	18"	24		3
ERH-5	1300	47,550	70	104	20"	12"	14		3

PROJECT NO. 7244

DRAWN

CHECKED

APPROVED

PRELIM APPROVAL

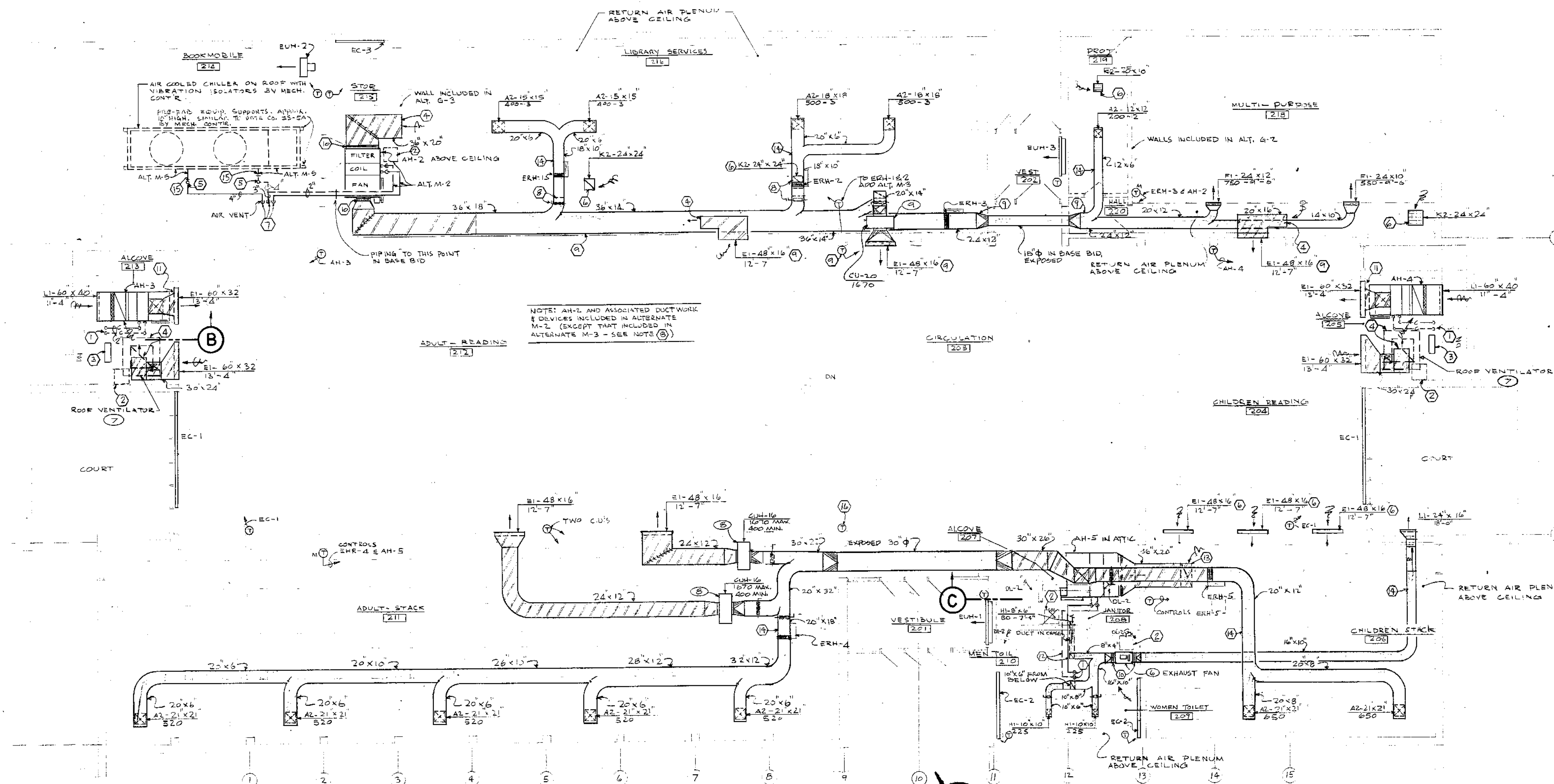
FINAL APPROVAL

ISSUED 7-19-74

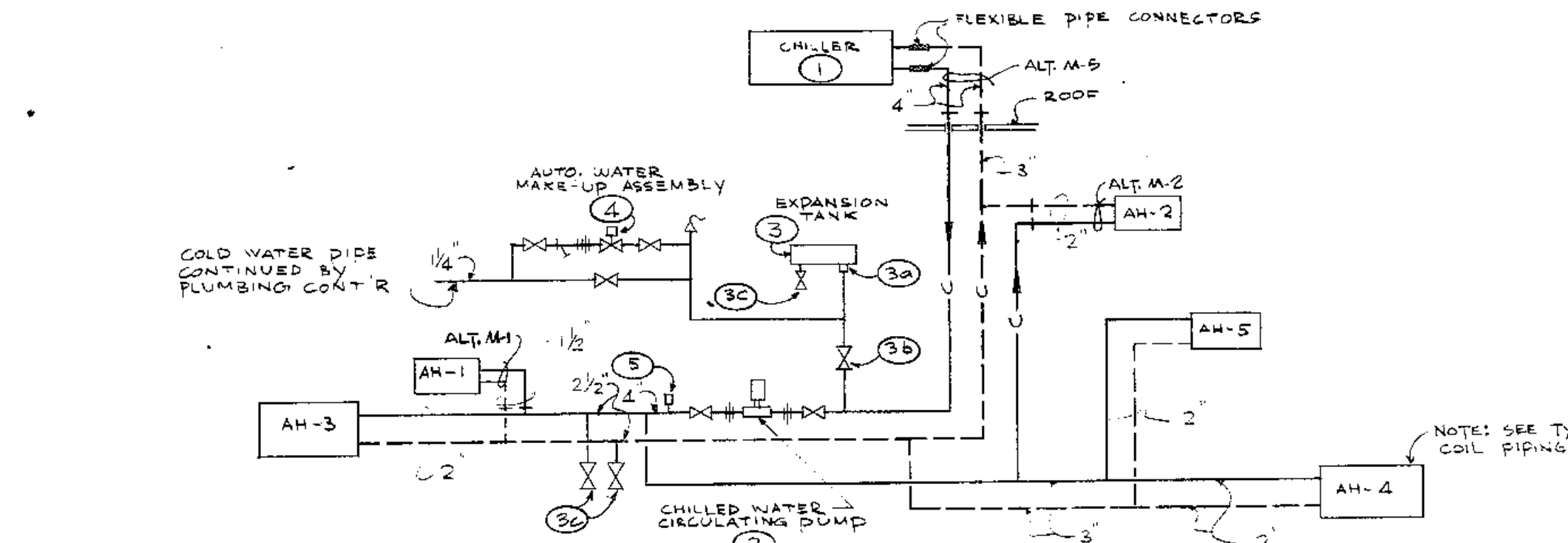
RICHARD LEVIN ASSOCIATES INC. ARCHITECTS
24 NORTH JEFFERSON STREET DAYTON, OHIO 45402 513-224-1931

TROY-MIAMI COUNTY PUBLIC LIBRARY

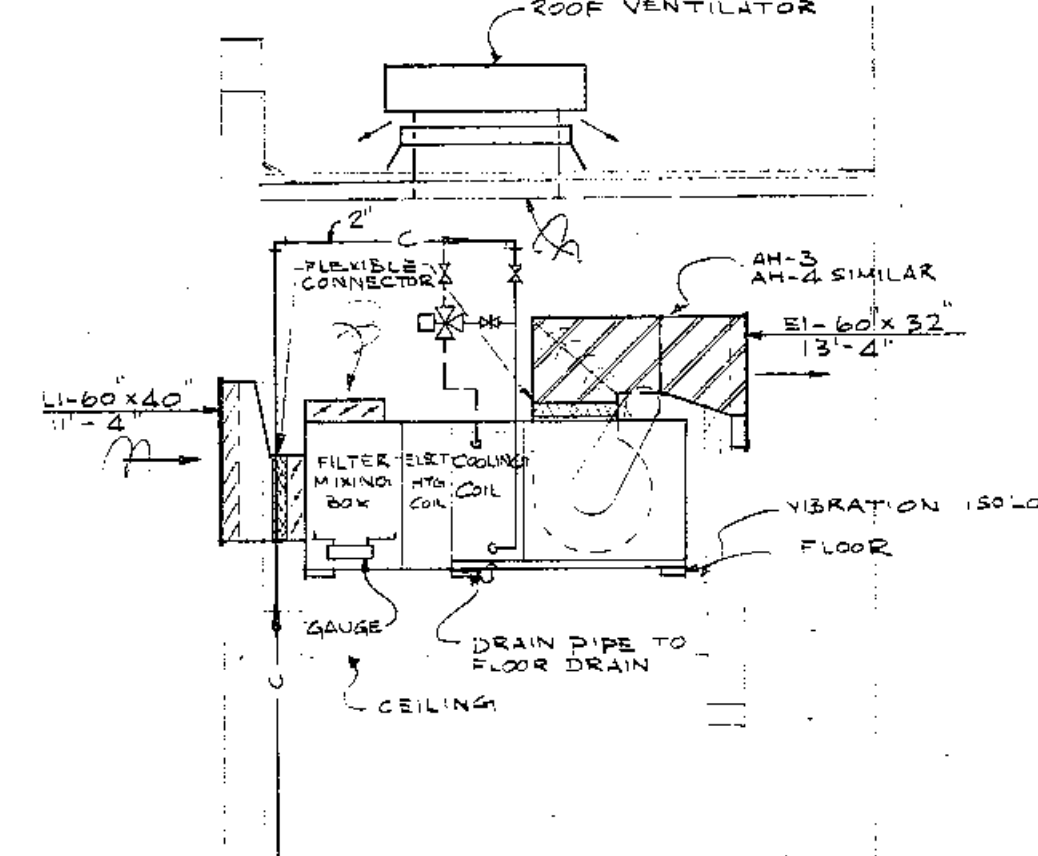




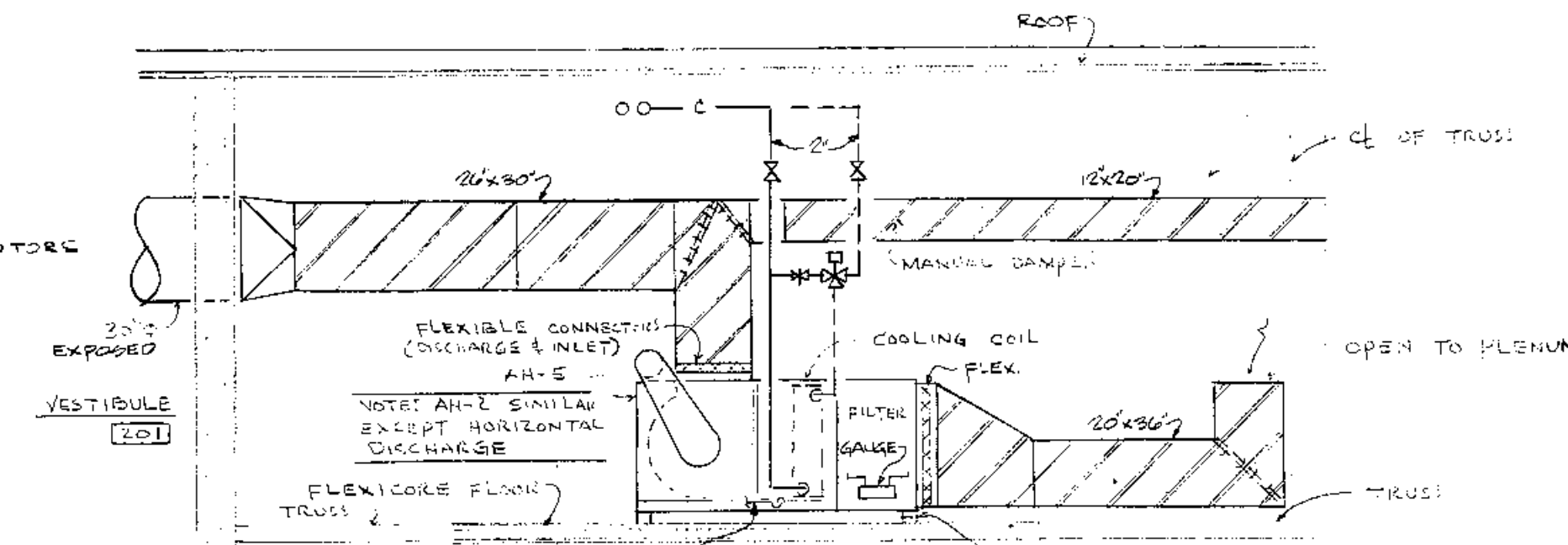
GROUND LEVEL PLAN
SCALE: 1/8" = 1'-0"



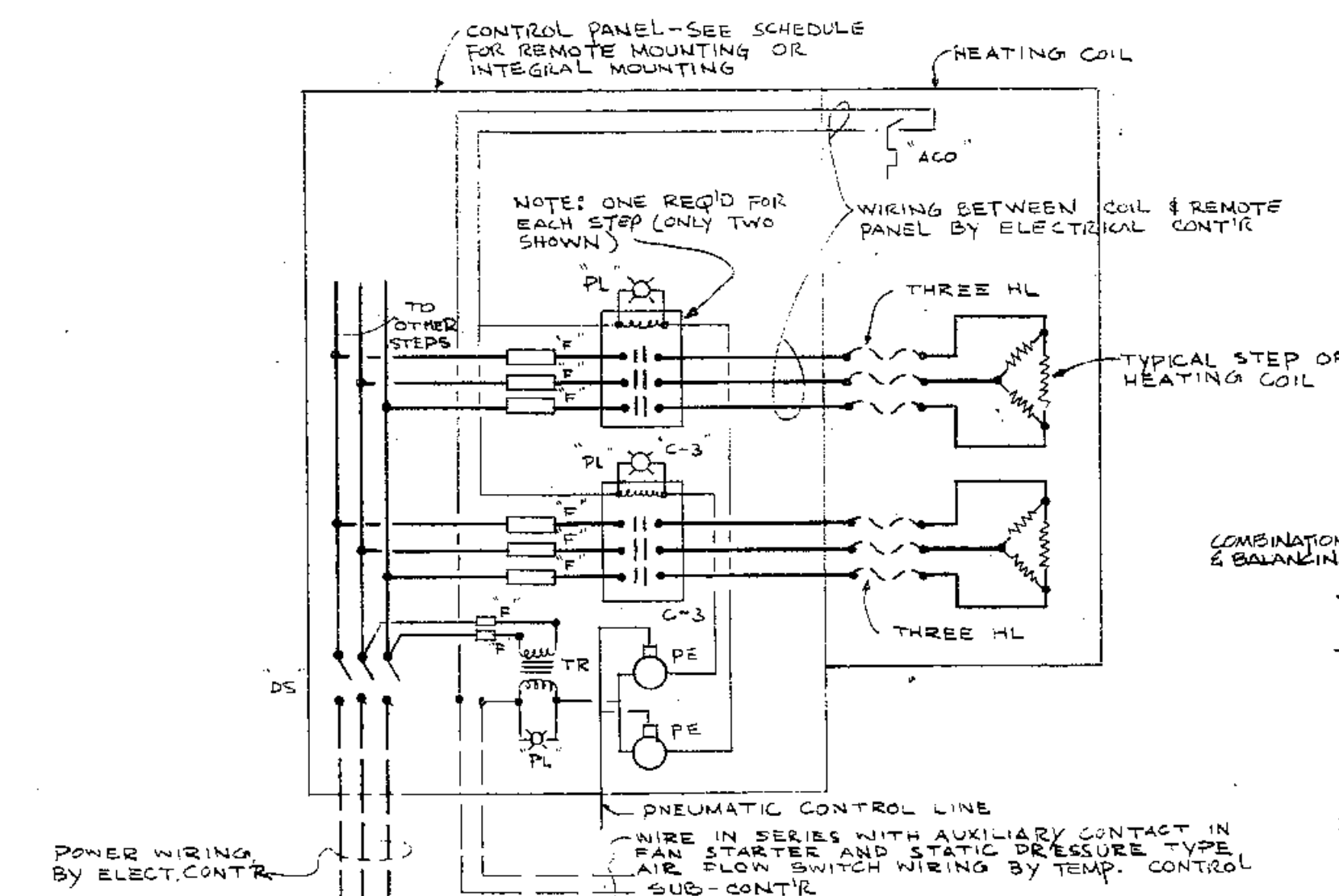
CHILLED WATER PIPING
ALL PIPING BASE BID EXCEPT AS SHOWN



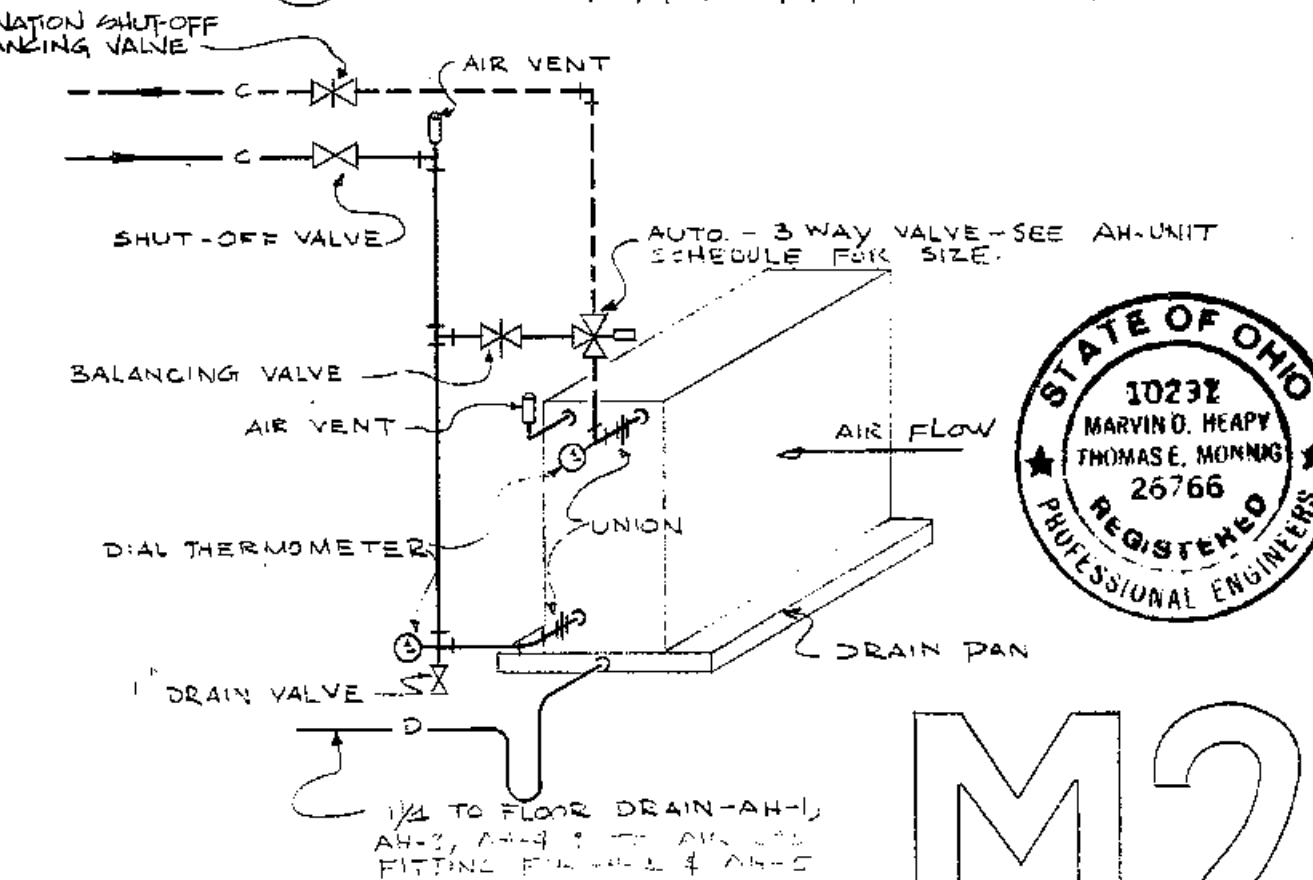
SECTION B
SCALE: 1/4" = 1'-0"



SECTION C
SCALE: 1/4" = 1'-0"



ELECTRIC HEATING COIL
UNIT OR DUCT MOUNTED



COOLING COIL

NOTES

- CHILLED WATER PIPES DROP IN CHASE AIR VENT ON RETURN PIPE.
- 24" X 24" ACCESS PANEL IN CEILING TO MECH. AREA BY AC.
- ELECTRIC HEATING COIL CONTROL PANEL
- DUCT OPEN TO PLENUM ABOVE CEILING
- CHILLED WATER PIPES UP THROUGH ROOF TO AIR COOLED CHILLER, FLASH & COUNTER FLASH PIPES THROUGH ROOF, CAP PIPES ABOVE ROOM IN BASE BID, CHILLER INCLUDED IN ALTERNATE M-5 PIPES IN BASE BID, AIR DEVICE OPEN TO PLENUM ABOVE CEILING
- CHILLED WATER PIPES DROP EXPOSED AT WALL IN BASE BID
- STUB & CAP DUCT WITH MANUAL DAMPER IN ADD ALTERNATE M-2, DUCT HEATING COIL & DIFFUSER IN ADD ALT. M-3
- INCLUDED IN ALTERNATE M-2
- FLEXIBLE CONNECTIONS
- 48" X 24" DUCT CONNECTION TO REGISTER, BLANK OFF REMAINDER OF REGISTER
- KEEP PIPES HIGH AS POSSIBLE, FOLLOW ROOF PITCH
- RETURN AIR DUCT ELBOWED UP AND OPEN TO PLENUM ABOVE CEILING
- DUCT TO FIT BETWEEN ROOF TRUSS
- ELECTRIC HEAT TAPE ON PIPES ABOVE ROOF, 3 WATTS/FT 115V-14
- NIGHT THERMOSTAT - CYCLE: AH-2, AH-3, AH-4 & AH-5

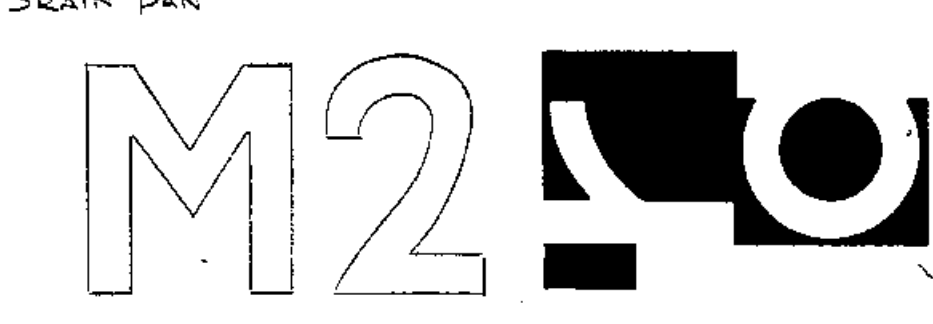
EQUIPMENT DATA

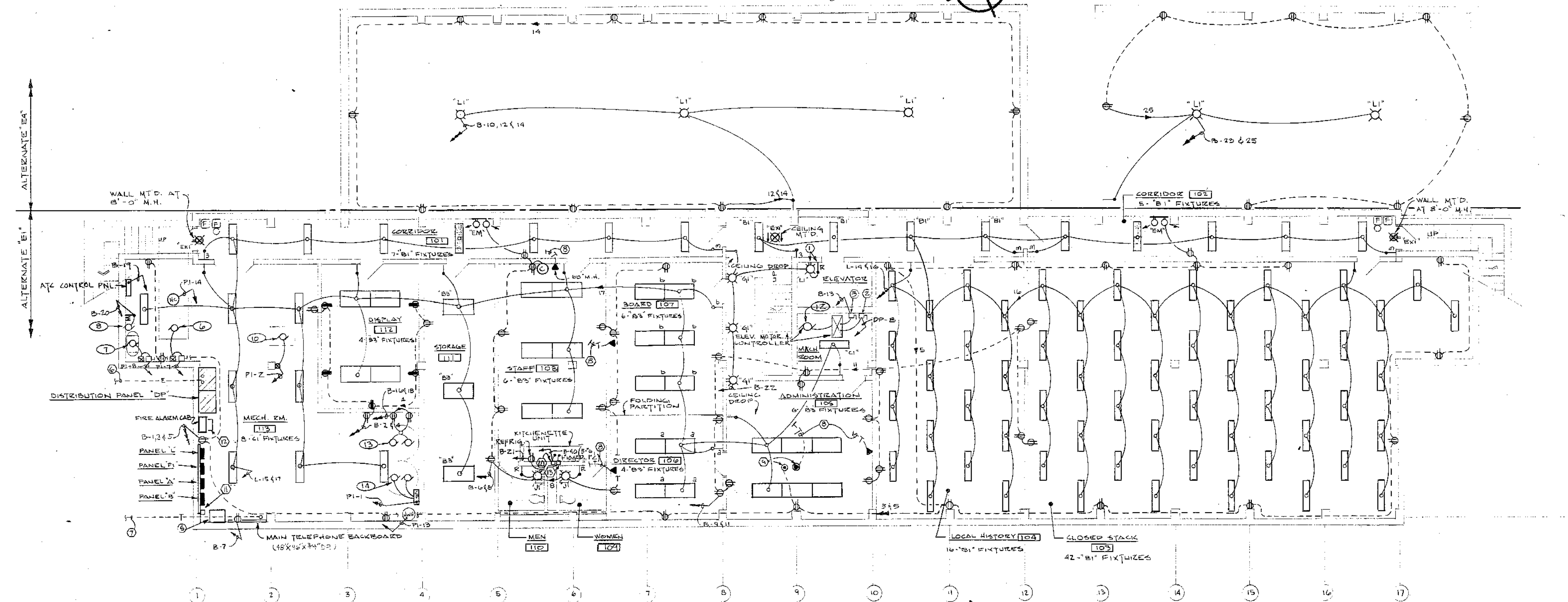
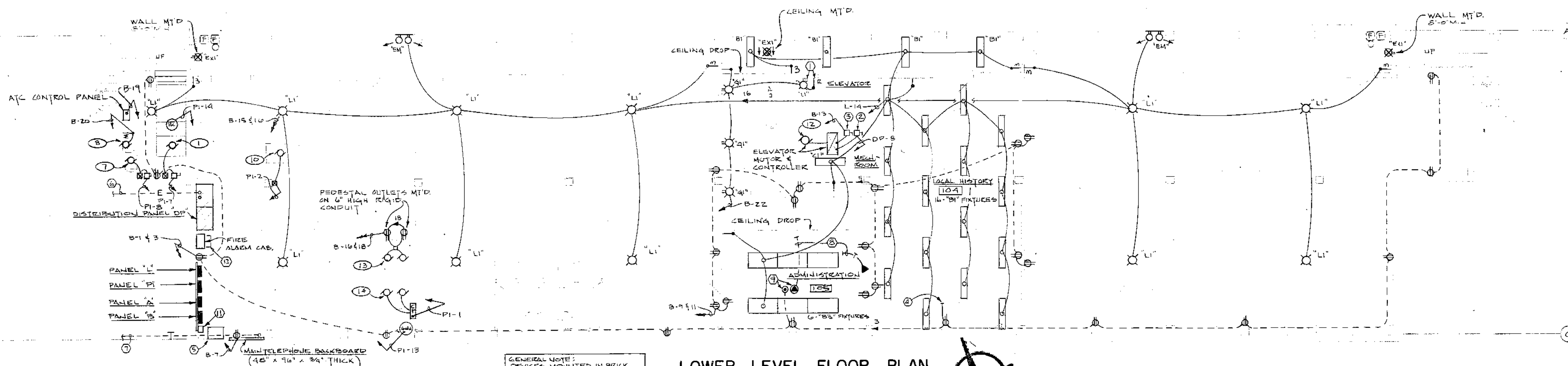
- AIR COOLED CHILLER - (INCLUDED IN ALTERNATE M-5) CAPACITY 600 TON, EVAPORATOR 154 GPM, FROM 50' TO 45' MAXIMUM PRESSURE DROP THROUGH EVAPORATOR 15 FT. 150 P.S.I.A. (MAX.) 460V-3P
- CHILLED WATER CIRCULATING PUMP (PIPE MOUNTED) CAPACITY OF PUMP SHALL BE 154 GPM AT 60 FT HEAD MOTOR: 1/2 HP - 460V-3P
- EXPANSION TANK - CLOSED TYPE - (CHILLED WATER SYSTEM) CAPACITY 24 GAL. APPROX. DIMENSION 12" DIA. X 48" LONG
- AIR CONTROL FITTING WITH AIR INLET TUBE
- VALVE NORMALLY OPEN WIRE HANDLE TO VALVE
- 3/4" DRAIN VALVE - EXTEND DISCHARGE TO FLOOR DRAIN
- AUTOMATIC WATER MAKE-UP ASSEMBLY (CHILLED WATER) VALVE, STRAINER, UNION, PRESSURE REDUCING VALVE (AUTO. MAKE-UP) AND VALVE ALL 1" SIZE SAFETY RELIEF VALVE TO FLOOR DRAIN, PRESSURE GAUGE AND 1/2" BYPASS VALVE
- FLOW SWITCH
- EXHAUST FAN (INLINE TYPE) 650 CFM, 12" WHEEL DIA. 1/2" STATIC PRESSURE, MOTOR: 1/4 HP 120V-1P, VIBRATION RELATER & PANS SUPPORTED BY MECH. CONTR.
- ROOF VENTILATOR HEAD 6800 CFM, 10" MAX. STATIC PRESSURE APPROX. ROOF OPENING 36" X 36" AUTOMATIC DAMPER IN CURB BY TEMP. CONTROL CONTRACTORS, 12" HIGH ROOF CURB
- CU-HIGH VELOCITY TYPE SQUEEZE OFF BOX MAX. S.P. - 22"
- CU-LOW VELOCITY TYPE, DUMP TO PLENUM, MAX. S.P. - 15"

RICHARD LEVIN ASSOCIATES INC. ARCHITECTS
24 NORTH JEFFERSON STREET DAYTON, OHIO 45402 513-224-1931

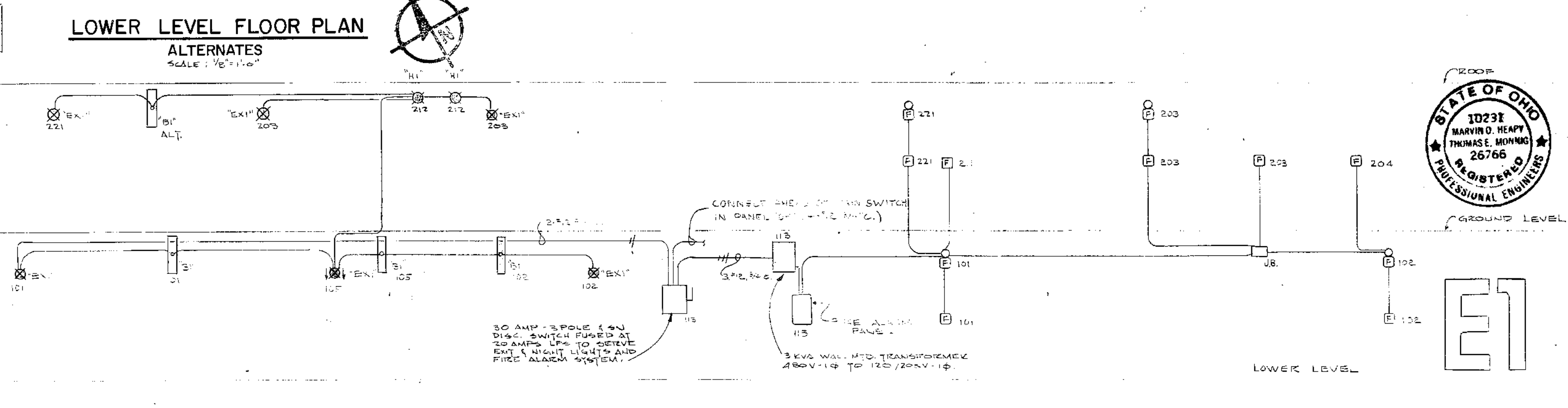
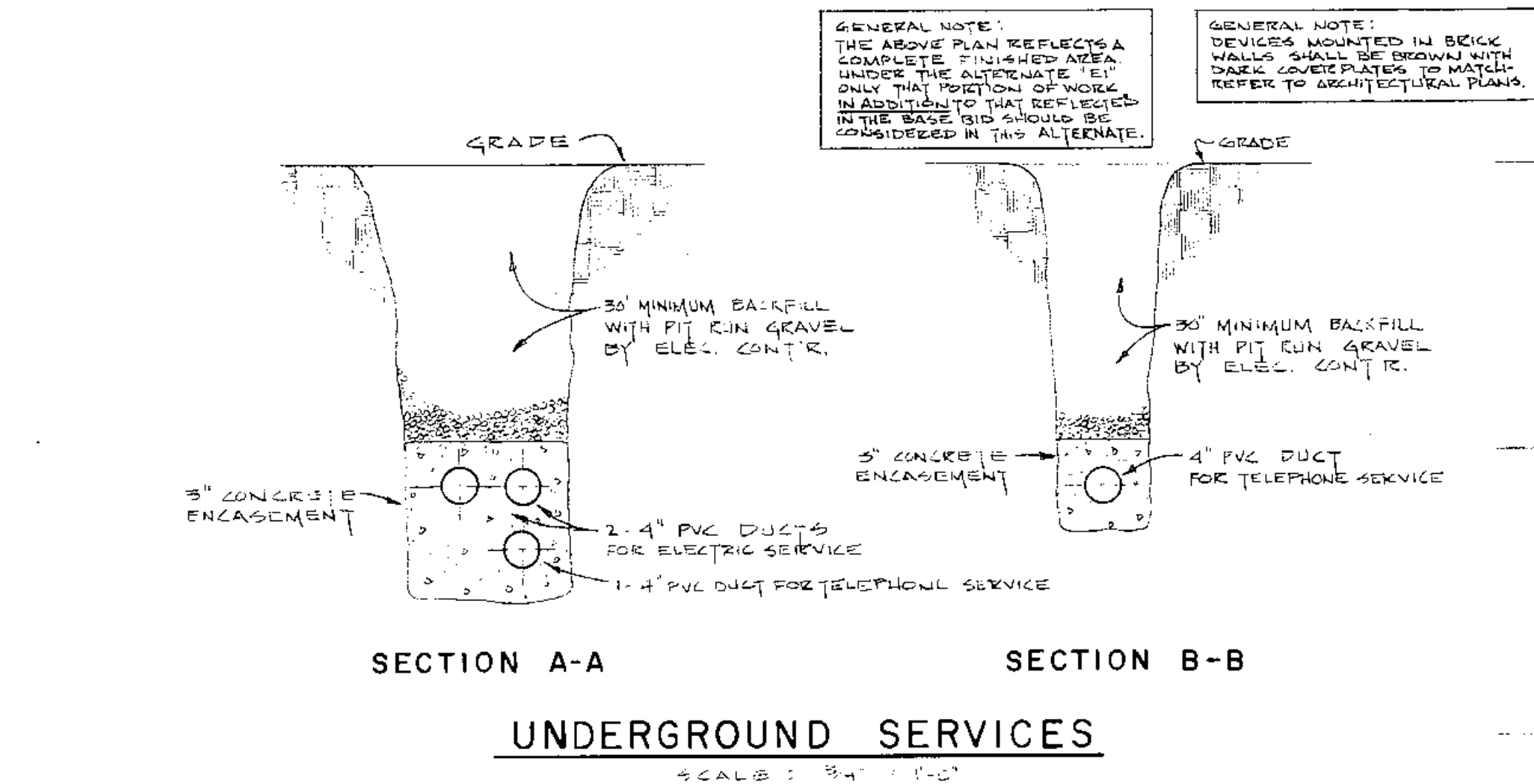
NO.	DATE	REVISIONS
1	7/19/74	ISSUED
2	7/19/74	FINAL APPROVAL
3	7/19/74	PRELIM APPROVAL
4	7/19/74	APPROVED
5	7/19/74	CHECKED
6	7/19/74	DRAWN
7	7/19/74	PROJECT NO. 7244

TRON-MIAMI COUNTY PUBLIC LIBRARY





- ### NOTES
- COORDINATE LOCATION OF SWITCH, RECEPTACLE & LIGHTING FIXTURE WITH ELEVATOR CONTR. BEFORE ROUGH-IN.
 - 60 A 3 POLE (480V-3P) FUSIBLE DISCONNECT SWITCH FUSED AT 35 AMPS (L.F.S.) TO SERVE ELEVATOR POWER.
 - 30A 1 POLE (120V-1P) FUSIBLE DISCONNECT SWITCH FUSED AT 20 AMPS (K.T.N.) TO SERVE ELEVATOR LIGHTING.
 - STUB 3/4" EMPTY BUSHED CONDUIT OUT NEAR CEILING SLAB AREA ABOVE FOR FUTURE CONTINUATION.
 - WALL MOUNTED 75 KVA 480V-3P TO 120/208V-1P TRANSFORMER - REFER TO SPECIFICATIONS.
 - SECONDARY ELECTRIC SERVICE ENTRANCE - REFER TO SHEET P-1 FOR CONTINUATION.
 - TELEPHONE SERVICE ENTRANCE - REFER TO SHEET P-1 FOR CONTINUATION.
 - 3/4" EMPTY BUSHED CONDUIT BACK TO MAIN TELEPHONE BACKBOARD IN MECH. ROOM #112.
 - VERIFY EXACT LOCATION OF FLOOR OUTLETS WITH ARCHITECT BEFORE ROUGH-IN.
 - OUTLET BOX MOUNTED AT 15" FOR ELEC. SERVICE TO KITCHENETTE UNIT, ELEC. CONTR. TO MAKE FINAL ELEC. CONNECTIONS.
 - TOOK 1-700L THREE CIRCUIT TIME SWITCH WITH RESERVE POWER, CONNECT & MOUNT PHOTOCELL ON NORTH SIDE OF BLDG. NEAR ROOF AREA.
CIRCUIT A (L-18, PARKING AREA) - DUSK (PHOTOCELL) ON - PRESET (TIME SWITCH) OFF.
CIRCUIT B (L-20, SECURITY LIGHTS) - DUSK (PHOTOCELL) ON - DAWN (PHOTOCELL) OFF.
CIRCUIT C (L-19, LOW WALL LIGHTS) - PRESET (TIME SWITCH) ON - PRESET (TIME SWITCH) OFF.
 - WALL MOUNTED 3 KVA 480V-1P TO 120/208V-1P TRANSFORMER - REFER TO SPECIFICATIONS.
 - OUTLET BOX MOUNTED AT 72" M.H. FOR ELEC. SERVICE TO LIGHT FIXTURE FURNISHED WITH KITCHENETTE UNIT - ELEC. CONTRACTOR TO MAKE FINAL CONNECTION.



RICHARD LEVIN ASSOCIATES INC. ARCHITECTS
24 NORTH JEFFERSON STREET DAYTON, OHIO 45402 513-224-1931

TROY-MIAMI COUNTY PUBLIC LIBRARY

PROJECT NO. 7244

DRAWN

CHECKED

APPROVED

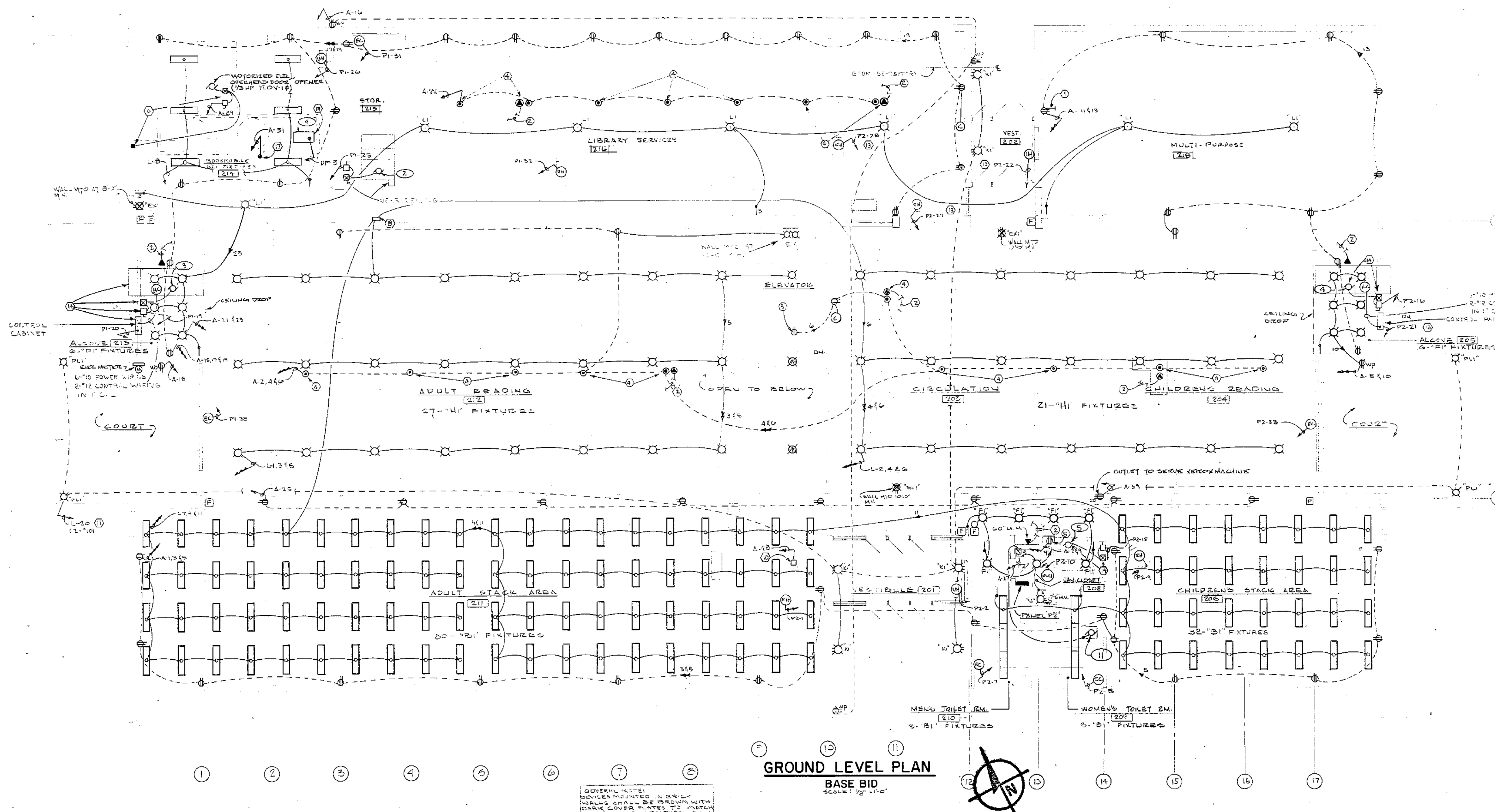
PRELIM APPROVAL

FINAL APPROVAL

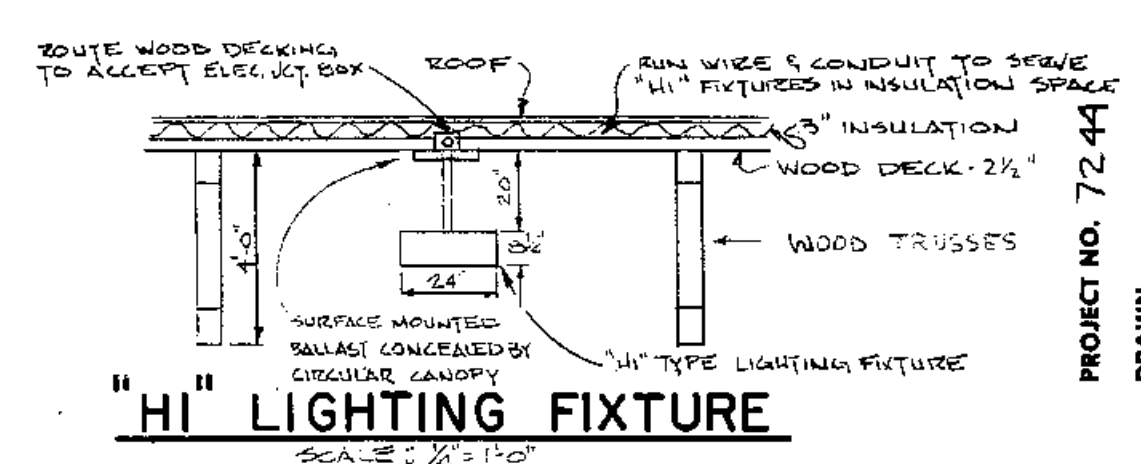
ISSUED 7-19-74



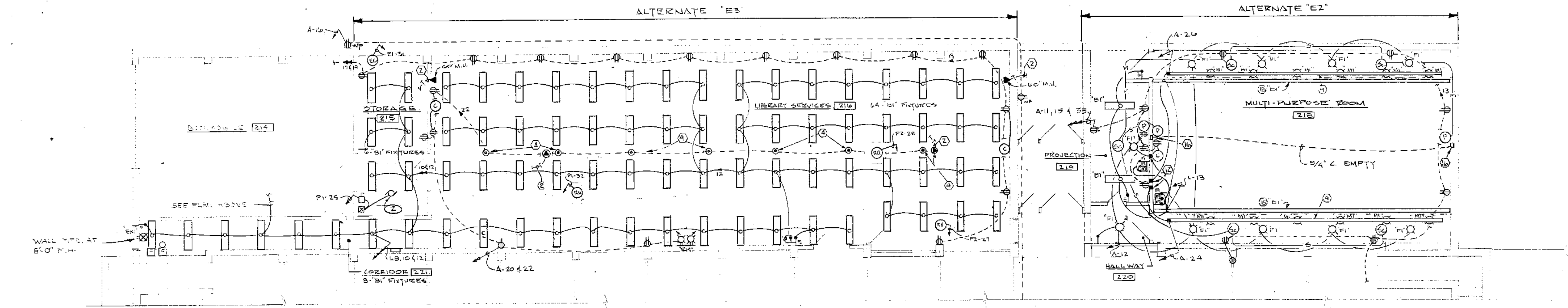
7244



- ### NOTES
1. 3/4" EMPTY BUSHED CONDUIT BUT NEAR CEILING SLAB AREA ABOVE FOR CONTINUATION.
 2. 3/4" EMPTY BUSHED CONDUIT BACK TO MAIN TELEPHONE BACKBOARD IN MECH. ROOM #112.
 3. LOCATE RECEPTACLE MID-WAY IN ELEVATOR SHAFT FOR RECYCLATE CAN. LIGHTS.
 4. VERIFY EXACT LOCATION OF FLOOR OUTLETS WITH ARCHITECT BEFORE BOUGH-IN.
 5. CONDUIT PUMPING CONTRACTOR FOR EXACT LOCATION OF RECEPTACLE SERVING WATER COOLER.
 6. ELECTRIC CONTR. SHALL INSTALL ALL DEVICES & MAKE ALL ELEC. CONNECTIONS TO OVERHEAD ELEC. BOSS. OTHERS INCLUDE LOW VOLTAGE CONTROLS.
 7. HUNT "A-1000 INCANDESCENT DIMMER (54" M.H.) WIRE IN SERIES WITH THREE WAY WALL SWITCHES.
 8. 1-20 AMP SINGLE POLE WALL SWITCHES ALL MOUNTED UNDER ONE SINGLE COVERPLATE.
 9. PROVIDE A COMPLETE SYSTEM OF PRESCOLITE RECESSED LITE. TRAC. 32 FOOT LONG WITH THE FOLLOWING COMPONENTS:
1- 8 FT. SECTION OF STATED TRAC
3- 8 FT. SECTIONS OF JOINED TRAC/ACCESSORIES FOR A COMPLETE RECESSED ILLUMINATION.
 10. JUNCTION BOXES MOUNTED IN CEILING FOR FUTURE CONNECTION TO LIGHTING FIXTURES BY OWNER.
 11. RUN CIRCUIT L20 THRU TIME SWITCH (CIRCUIT B) LOCATED IN MECH. RM. #112.
 12. HUNT "A-1000 INCANDESCENT DIMMER (54" M.H.) WIRE IN SERIES WITH THREE WAY WALL SWITCHES.
 13. RUN CIRCUIT TO PANEL "P2" BELOW FLOOR SLAB OF GROUND LEVEL.
 14. UNIT AND ASSOCIATED ELECTRICAL DEVICES MOUNTED RECESSED LITE.
 15. UP LAMP IN SEPARATE SWITCH FROM DOWN LAMP.
 16. PROVIDE A 1-GANG BOX BOX WITH BLANK COVER. 18" M.H. CONNECTED WITH EMPTY 3/4" CONDUIT TO SERVE SLIDE PROJECTOR REMOTE CONTROL.
 17. ROUTE IN AND MAKE FINAL CONNECTIONS TO ZHILLER PIPING HEAT TAPE. TAPS BY MECH. CONTRACTOR.



GROUND LEVEL PLAN
BASE BID
SCALE: 1/8" = 1'-0"



PARTIAL GROUND LEVEL PLAN
ALTERNATES
SCALE: 1/8" = 1'-0"

GENERAL NOTE: THE ABOVE PLAN, SPECIFICATIONS, COMPLETE CONTRACT, AND ALL ATTACHED DOCUMENTS SHALL BE READ IN CONJUNCTION WITH THE ADDENDUM TO THAT CONTRACT. THE BASE BID SHOULD BE CONSIDERED IN THIS AREA.

GENERAL NOTE: DEVICES MOUNTED IN GRC WALLS SHALL BE GROUNDED WITH DARK COVER PLATES TO MATCH REFER TO ARCHITECTURAL PLAN.

REVISIONS				PRINTING
NO.	DESCRIPTION	DATE	BY	

PROJECT NO. 7244
DRAWN
CHECKED
APPROVED
PRELIM APPROVAL
FINAL APPROVAL
ISSUED 7-19-74

RICHARD LEVIN ASSOCIATES INC. ARCHITECTS
24 NORTH JEFFERSON STREET DAYTON, OHIO 45402 513-224-1931

TROY-MIAMI COUNTY PUBLIC LIBRARY

E2



