

LABORATORY SCIENCES CENTER

ARKANSAS STATE COLLEGE

JONESBORO

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STRUCTURAL ENGINEERS
MEMPHIS, TENNESSEE

WILLIAM B. THOMPSON
MECHANICAL ENGINEER
MEMPHIS, TENNESSEE

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ELECTRICAL

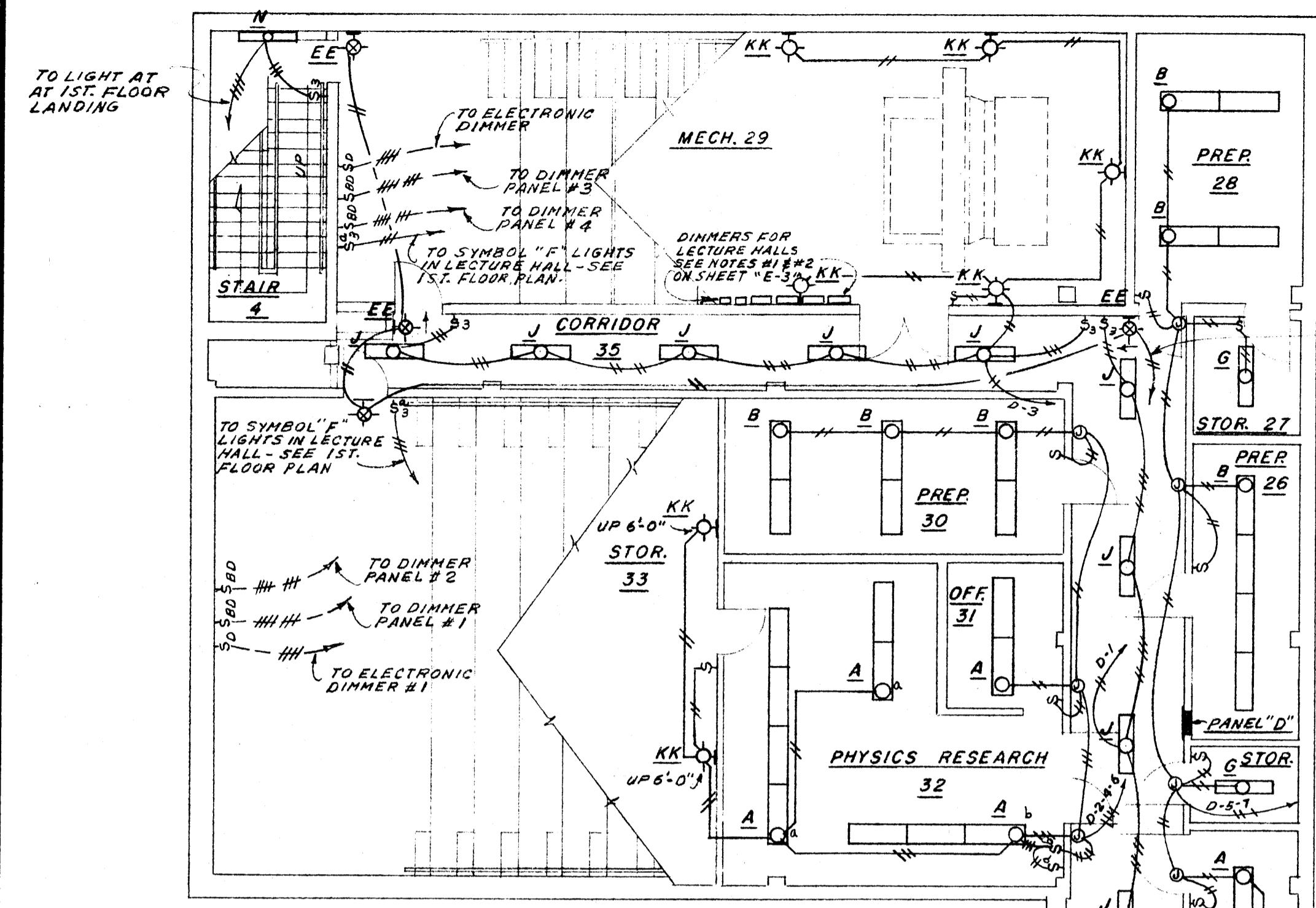
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PROJECT NUMBER

ARK. 5-1479

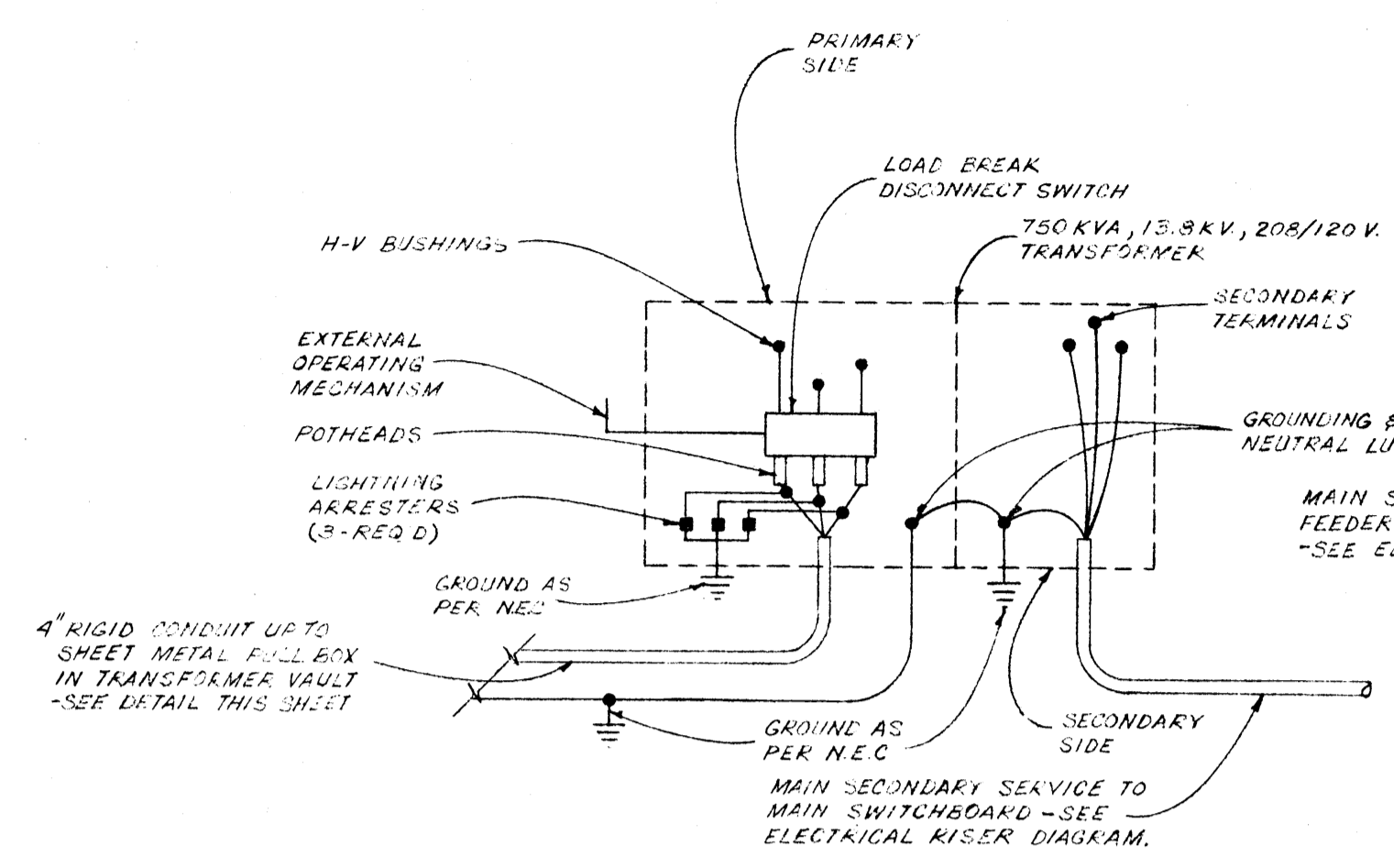
COMMISSION NUMBER

43066

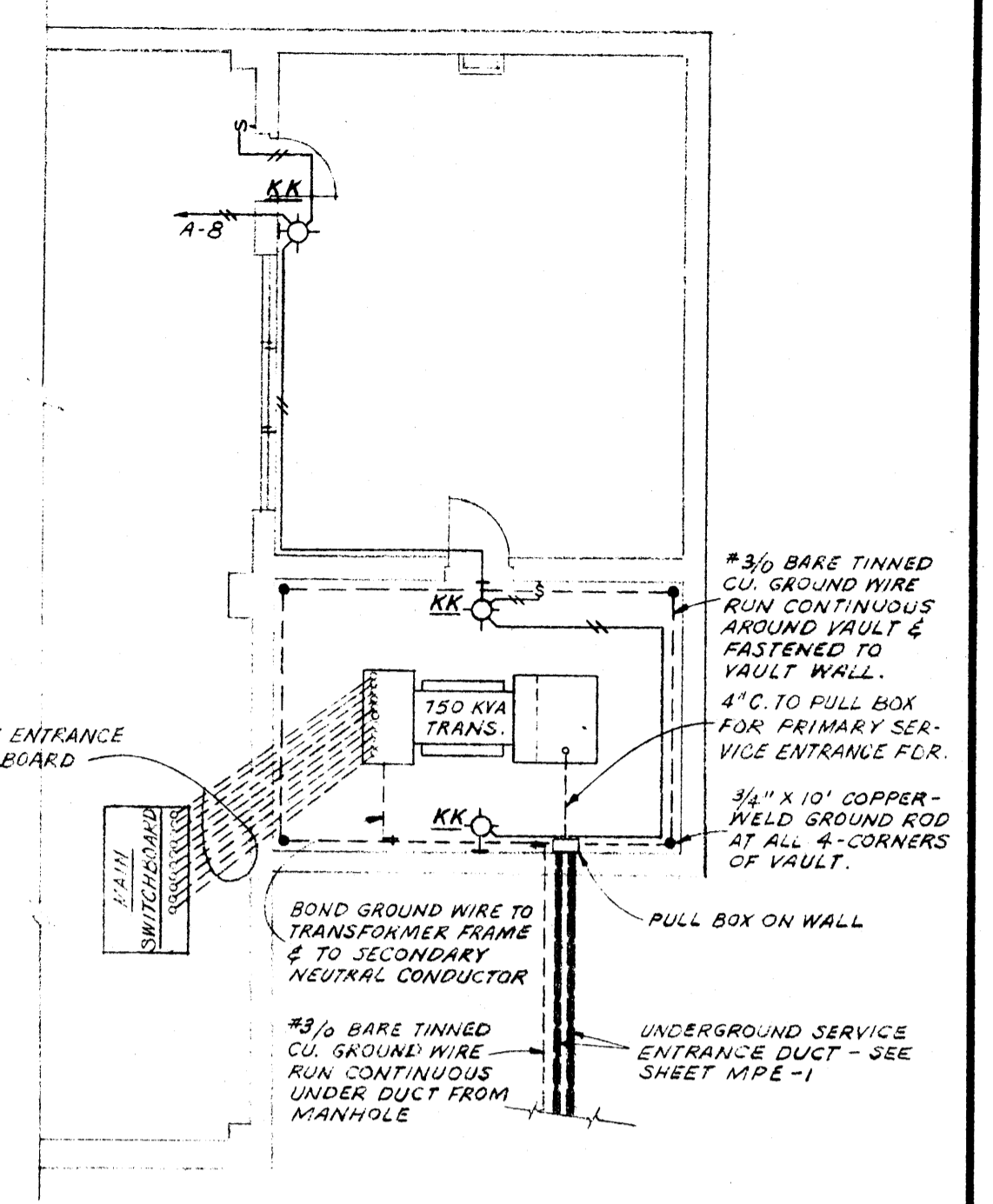


UP TO EXIT LIGHT AT ENTRANCE TO LECTURE HALL

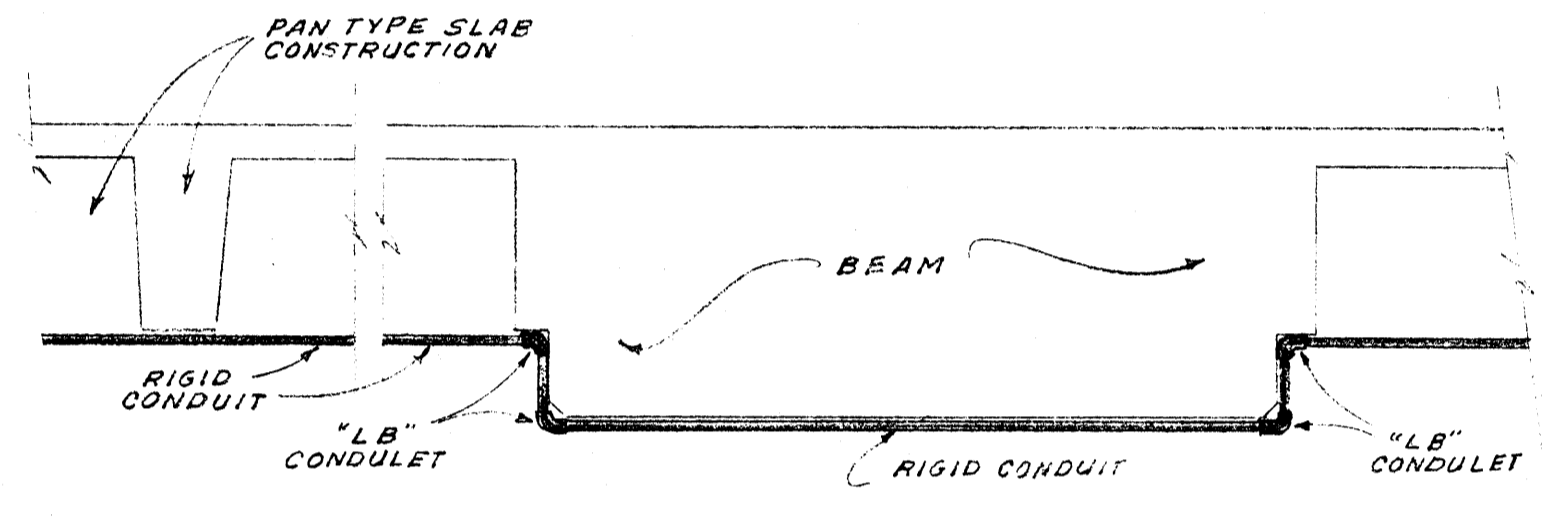
NOTE:
 CONTRACTOR SHALL PROVIDE NECESSARY COPPER BUS AT TRANSFORMER. SECONDARY TERMINAL COMPARTMENT FOR TERMINATING MAIN SECONDARY SERVICE ENTRANCE CONDUCTORS.



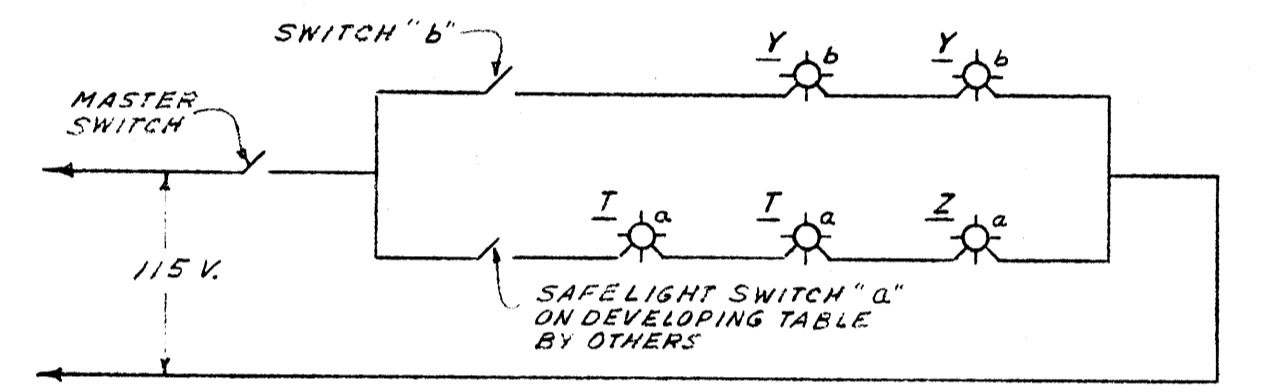
TRANSFORMER SCHEMATIC
 NO SCALE



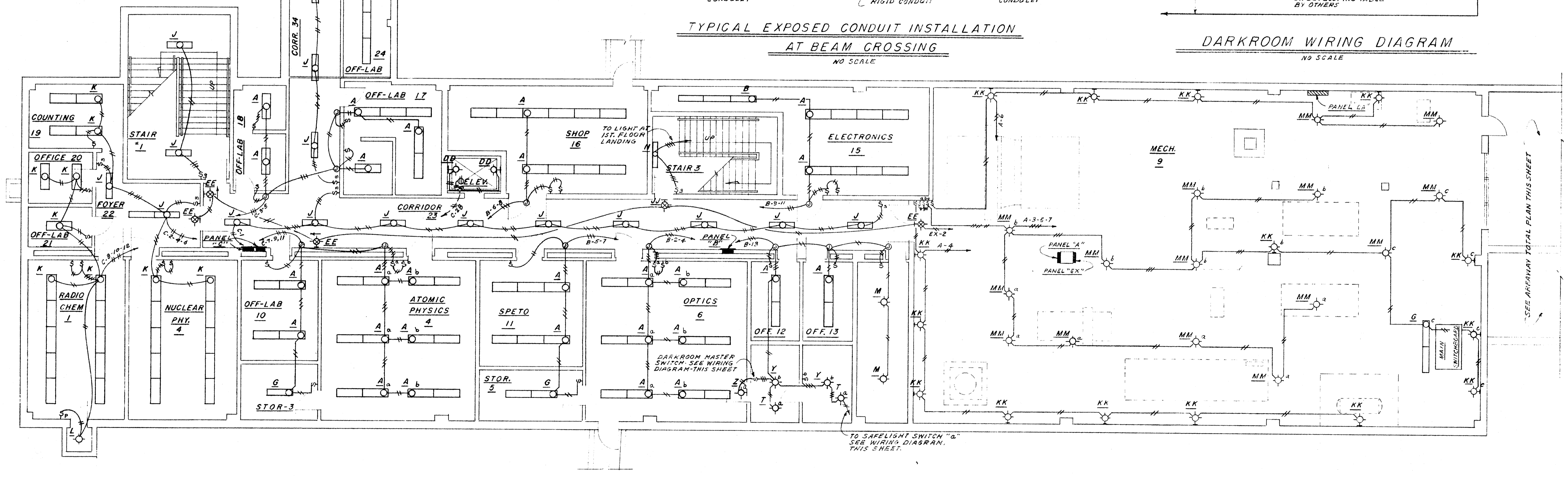
AREAWAY FLOOR PLAN
 SCALE 1/8" = 1'-0"



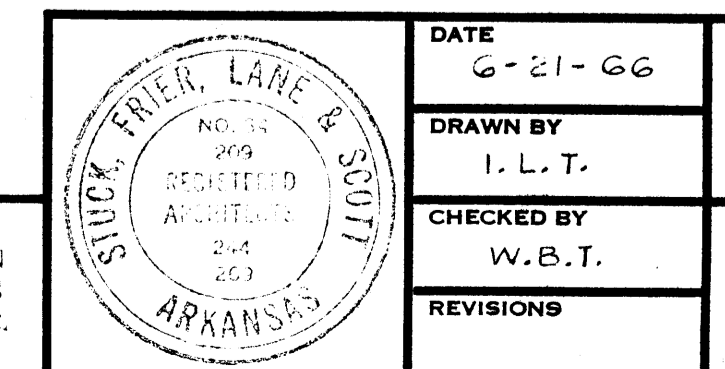
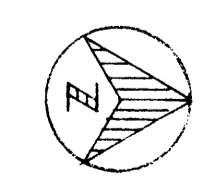
TYPICAL EXPOSED CONDUIT INSTALLATION AT BEAM CROSSING
 NO SCALE



DARKROOM WIRING DIAGRAM
 NO SCALE



BASEMENT FLOOR PLAN
 SCALE: 1/8" = 1'-0"

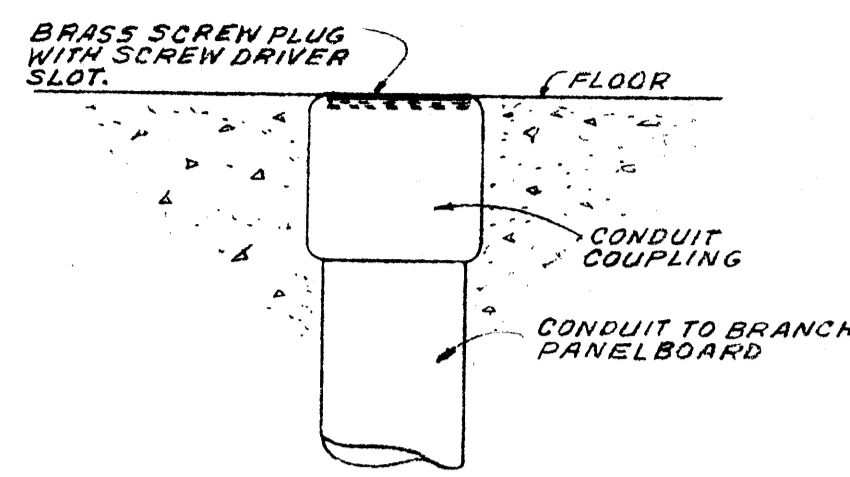
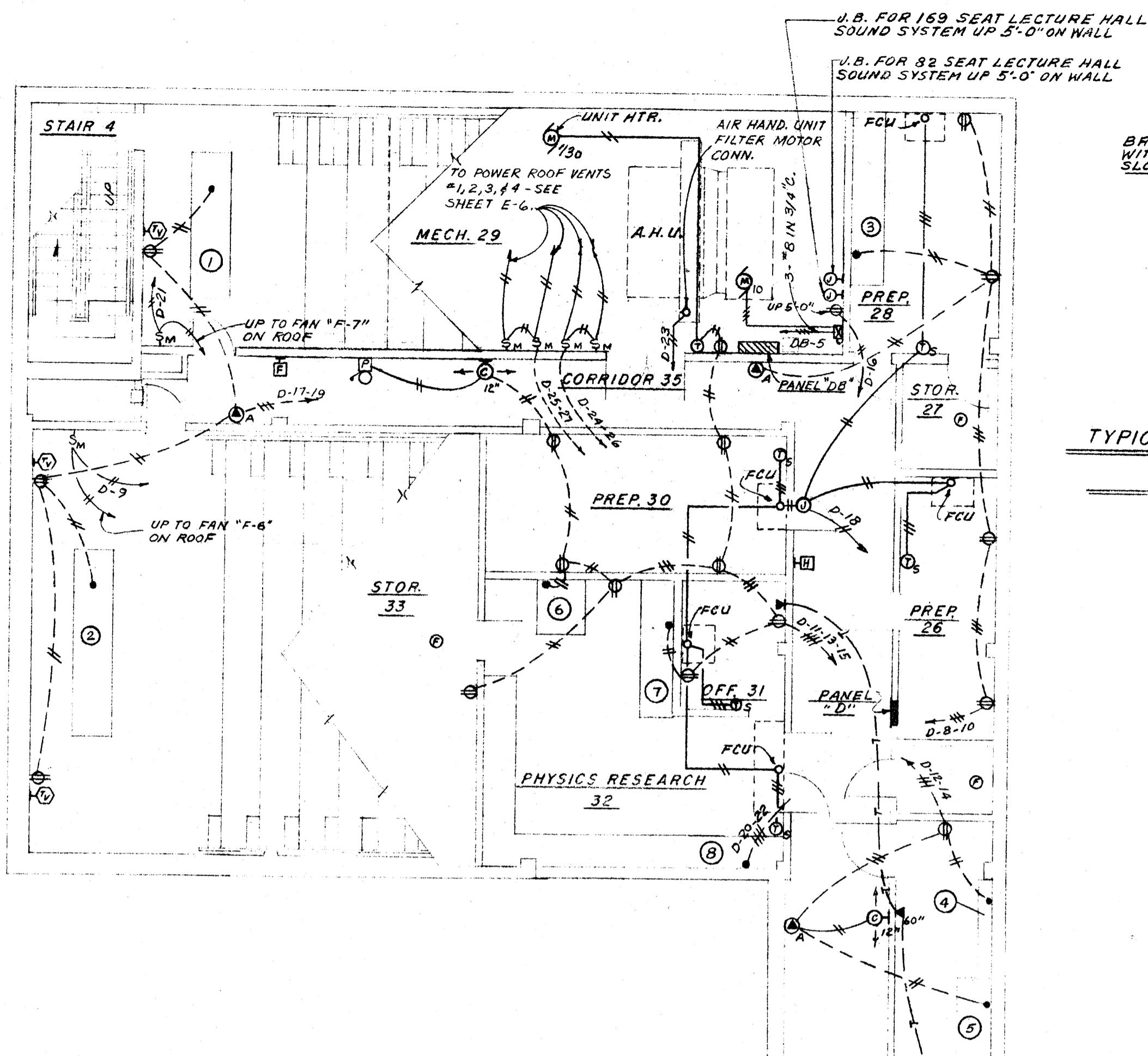


DATE 6-21-66	LABORATORY SCIENCES BUILDING ARKANSAS STATE COLLEGE JONESBORO, ARKANSAS PROJECT NO. ARK. 5-1479
DRAWN BY I. L. T.	
CHECKED BY W.B.T.	
REVISIONS	

SHEET NUMBER E 1
COMMISSION NUMBER 43066

WILLIAM B. THOMPSON
 MECHANICAL ENGINEERS
 FALLS BLDG. MEMPHIS, TENN.

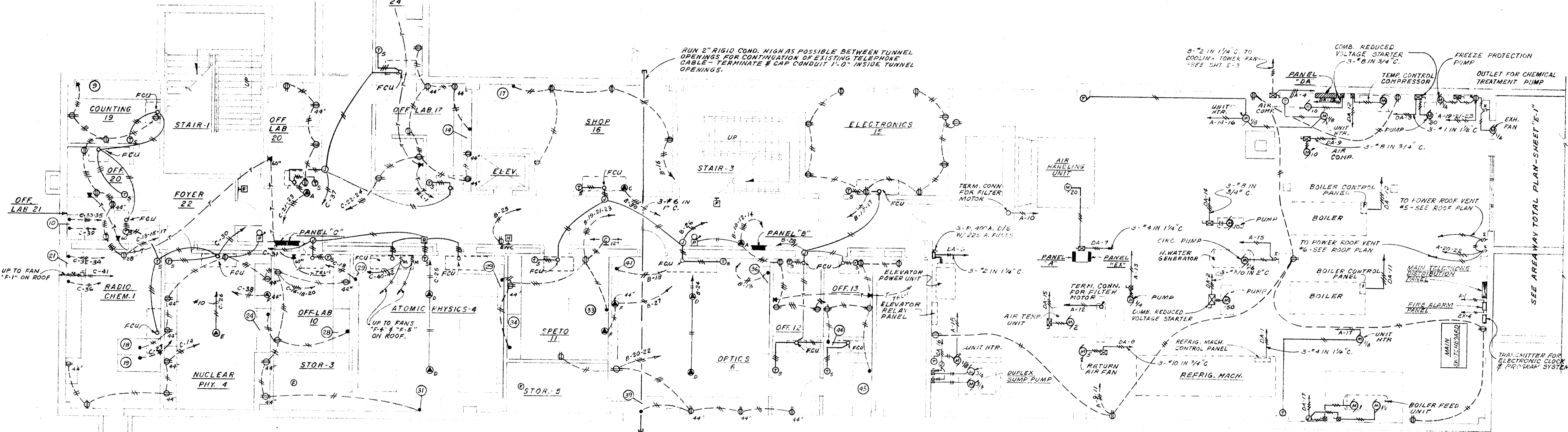
STUCK, FRIER, LANE & SCOTT, INC., ARCHITECTS
 601 SOUTHWEST DRIVE • JONESBORO, ARKANSAS



TYPICAL EMPTY COND. STUB-UP AT BASEMENT
 ALTERNATE BIDS NO. 1 & NO. 3
 NO SCALE

LAB FURNITURE ELEC. SERVICE SCHEDULE

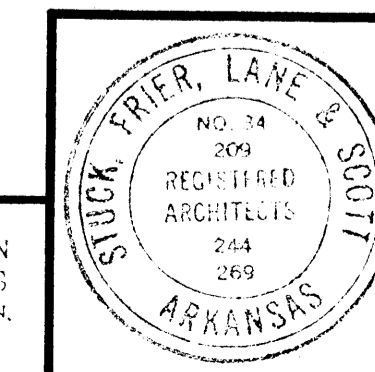
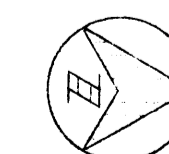
ITEM NO.	FURNITURE DESCRIPTION	VOLTAGE	PHASE	CONVENIENCE OUTLET CONNECTIONS	LIGHTING FIXTURE CONNECTIONS	LIGHT SWITCH CONNECTIONS	FAN CONNECTIONS AUXILIARY AIR	FAN CONNECTIONS EXHAUST AIR	FAN SWITCH CONNECTION	REMARKS
1	DEMONSTRATION TABLE	115	1	2						
2	DO	115	1	2						
3	RESEARCH WALL TABLE	115	1	3						
4	SERVICE TABLE	115	1	2						
5	RESEARCH WALL TABLE	115	1	2						
6	DISTILLATION BENCH	115	1	2						
7	RESEARCH WALL TABLE	115	1	1						
8	"L" SHAPED WALL ASS'Y.	115	1	5						
9	COUNTING BENCH	208	1	1						
10	FUME HOOD	115	1	4						
11	DO	208	1	2						DOES NOT HAVE FAN AT HOOD. WIRE FAN "F-2" ON ROOF TO FAN SWITCH AT HOOD ON CIRCUIT "C-37".
12	WALL TABLE ASS'Y.	115	1	1						
13	DO	115	1	1						
14	WALL TABLE ASS'Y.	115	1	1						
15	DO	115	1	1						
16	DO	115	1	1						
17	DO	115	1	1						
18	CHEM. PREP BENCH	115	1	1						
19	RESEARCH WALL TABLE	115	1	2						
20	FUME HOOD	115	1	4						DOES NOT HAVE FAN ON HOOD. WIRE FAN "F-1" ON ROOF TO MAG. STARTER AT HOOD ON CIRCUIT "C-41".
21	DO	208	1	2						
22	DO	208	3							
23	WALL TABLE ASS'Y.	115	1	1						
24	DO	115	1	1						
25	WALL ASS'Y.	115	1	6						ALSO CONNECT BINDING POST ON 6 LOW VOLTAGE OUTLETS W/ #2 IN COND. (POSITIVE TO POSITIVE & NEG. TO NEG.)
26	DO	115	1	1						
27	DISTILLATION BENCH	115	1	4						ALSO CONNECT BINDING POST ON 4 LOW VOLTAGE OUTLETS W/ #2 IN COND. (POS. TO POS. & NEG. TO NEG.)
28	WALL ASS'Y. TABLE	115	1	1						
29	DO	115	1	4						ALSO CONNECT BINDING POST ON 4 LOW VOLTAGE OUTLETS W/ #2 IN COND. (POS. TO POS. & NEG. TO NEG.)
30	DO	115	1	1						
31	DO	115	1	4						ALSO CONNECT BINDING POST ON 2 LOW VOLTAGE OUTLETS W/ #2 IN COND. (POS. TO POS. & NEG. TO NEG.)
32	DO	115	1	1						
33	DARK ROOM DEVELOPING TABLE	115	1	1						WIRE LIGHT SWITCH ON TABLE TO SAFELIGHT ON CLG. SEE "DARK RM. WIRING DIAGRAM" ON SHEET NO. E-1



NOTE:
 DISCONNECT SWITCHES FOR FUME HOOD EXHAUST FANS &
 DUCT HEATERS SHALL BE 30AMP. NON-FUSIBLE TYPE.

BASEMENT FLOOR PLAN

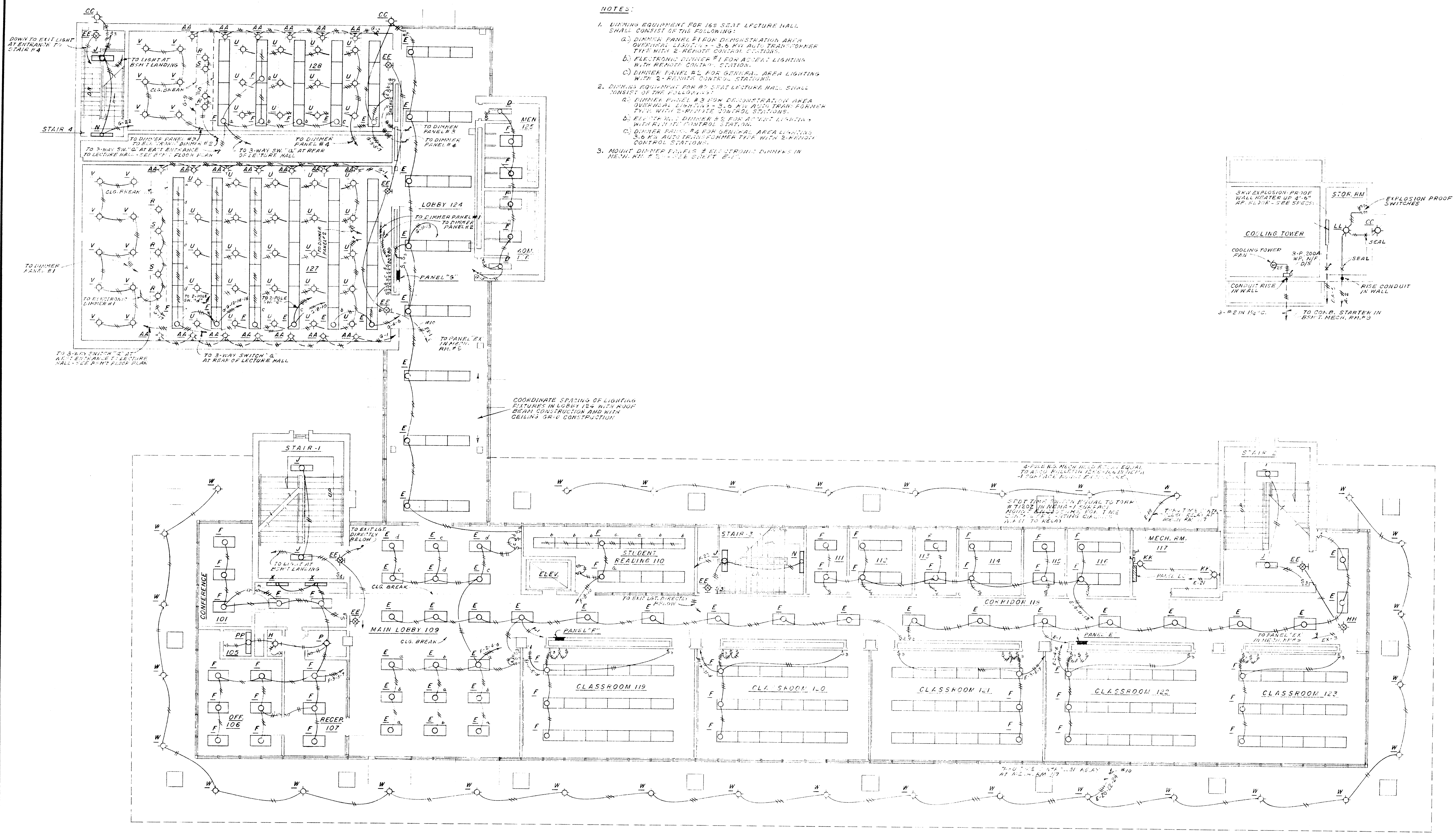
SCALE: 1/8"=1'-0"



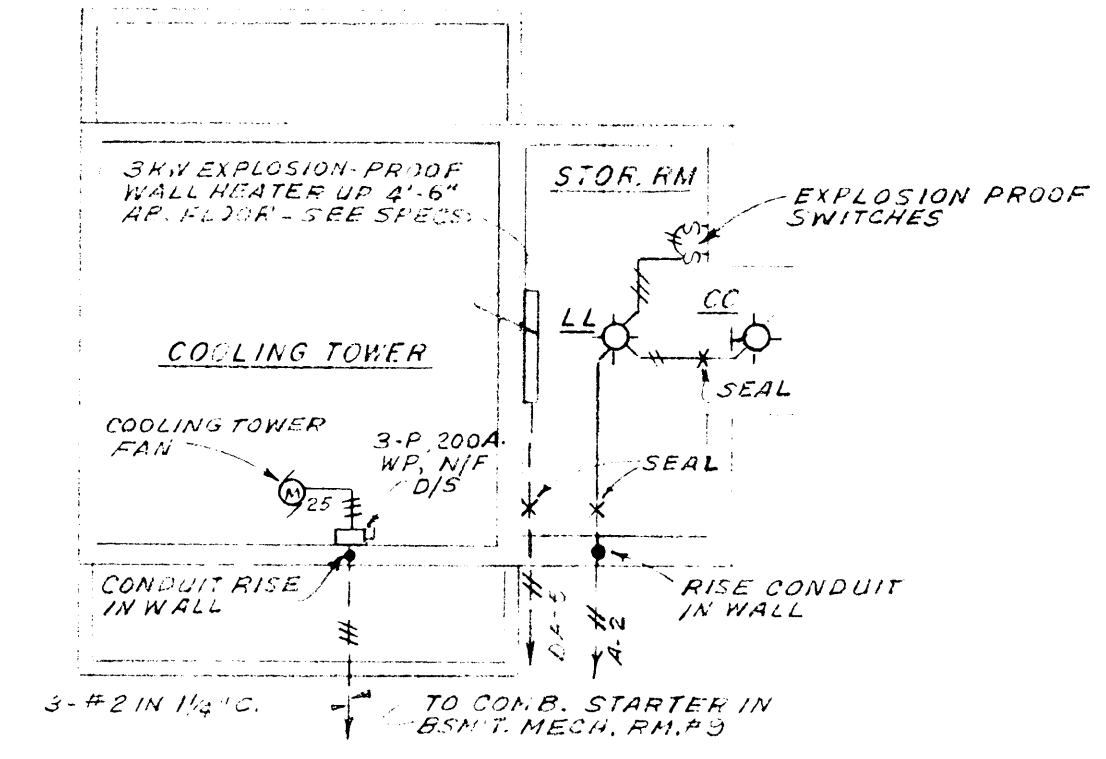
DATE: 6-21-66
 DRAWN BY: L.L.T.
 CHECKED BY: W.B.T.
 REVISIONS:

LABORATORY SCIENCES BUILDING
 STATE COLLEGE ARKANSAS
 JONESBORO, ARKANSAS
 PROJECT NO. ARK. 5-1479
STUCK, FRIER, LANE & SCOTT, INC., ARCHITECTS
 601 SOUTHWEST DRIVE • JONESBORO, ARKANSAS

SHEET NUMBER
E 2
 COMMISSION NUMBER
 43066

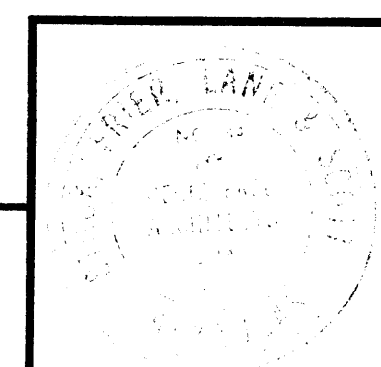
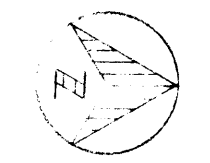


- NOTES:**
1. DIMMING EQUIPMENT FOR 168 SEAT LECTURE HALL SHALL CONSIST OF THE FOLLOWING:
 - A) DIMMER PANEL #1 FOR DEMONSTRATION AREA OVERHEAD LIGHTING - 3.6 KW AUTO TRANSFORMER TYPE WITH 2 REMOTE CONTROL STATIONS.
 - B) ELECTRONIC DIMMER #1 FOR ACCELT LIGHTING WITH REMOTE CONTROL STATION.
 - C) DIMMER PANEL #2 FOR GENERAL AREA LIGHTING WITH 2 REMOTE CONTROL STATIONS.
 2. DIMMING EQUIPMENT FOR 80 SEAT LECTURE HALL SHALL CONSIST OF THE FOLLOWING:
 - A) DIMMER PANEL #3 FOR DEMONSTRATION AREA OVERHEAD LIGHTING - 3.6 KW AUTO TRANSFORMER TYPE WITH 2 REMOTE CONTROL STATIONS.
 - B) ELECTRONIC DIMMER #2 FOR ACCELT LIGHTING WITH REMOTE CONTROL STATION.
 - C) DIMMER PANEL #4 FOR GENERAL AREA LIGHTING - 3.6 KW AUTO TRANSFORMER TYPE WITH 2 REMOTE CONTROL STATIONS.
 3. MOUNT DIMMER PANELS & ELECTRONIC DIMMERS IN MECH. RM. #117 - USE SLOTTED E.T.C.



COORDINATE SPACING OF LIGHTING FIXTURES IN LOBBY 124 WITH ROOF BEAM CONSTRUCTION AND WITH CEILING 5'-4\"/>

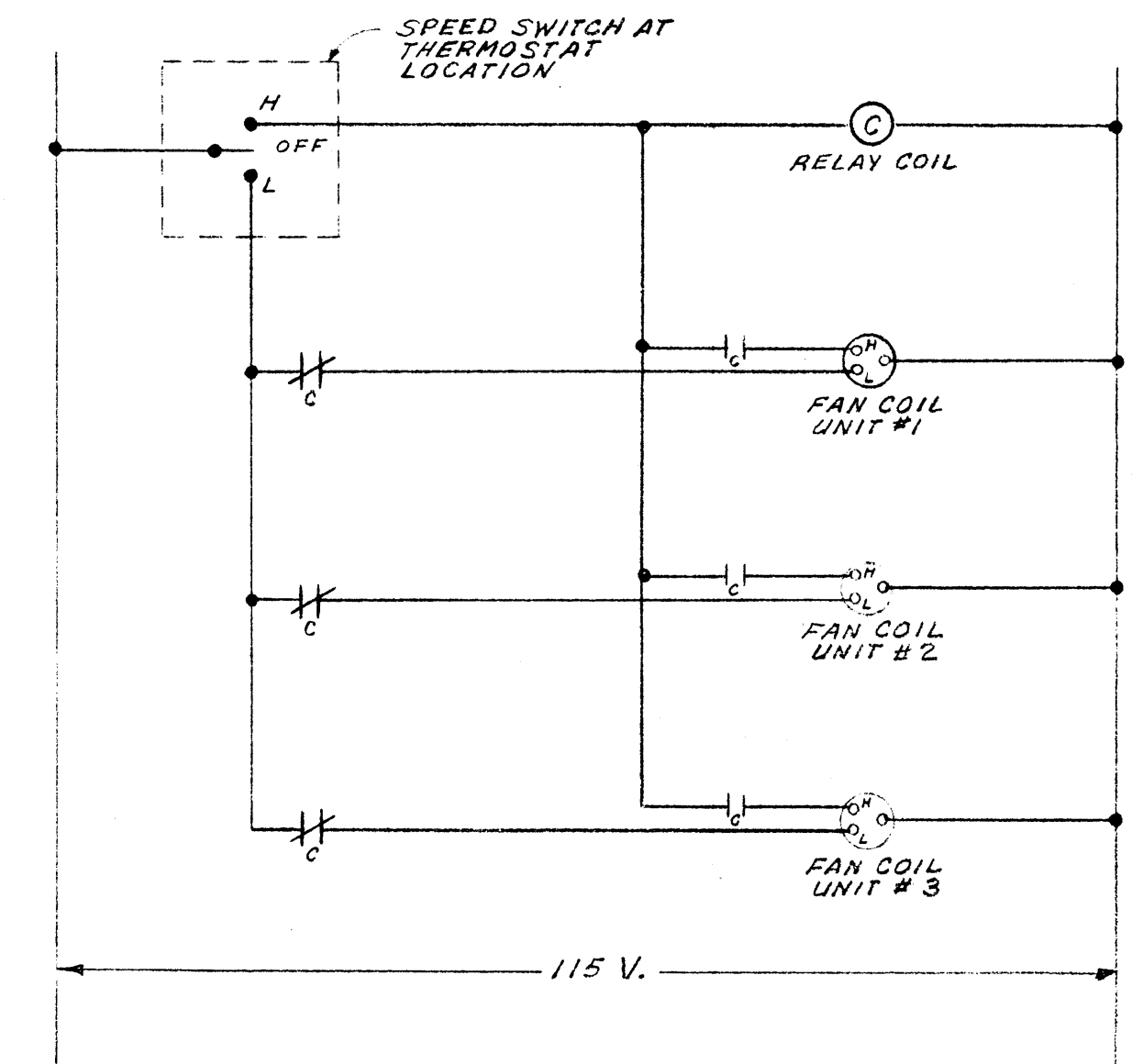
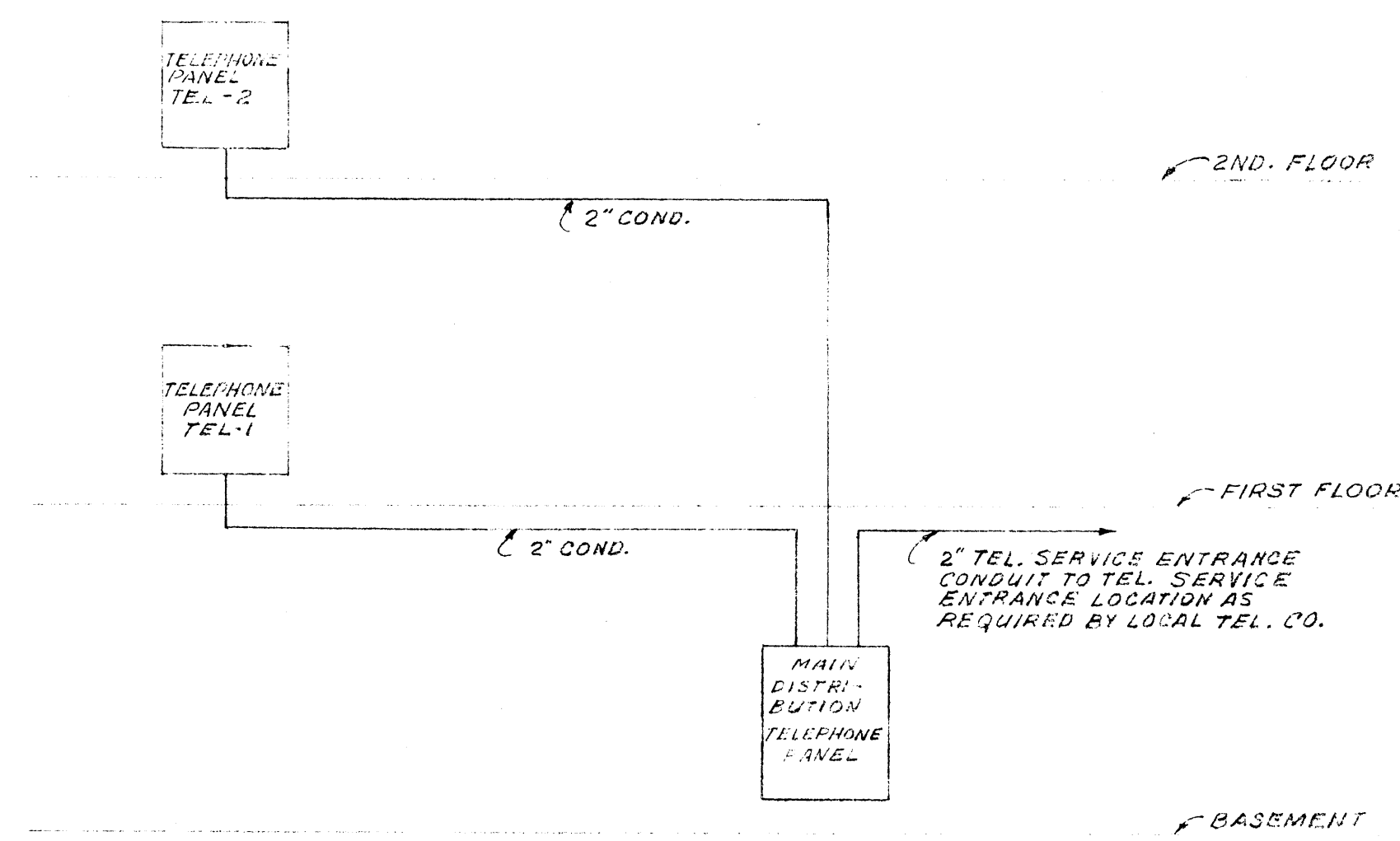
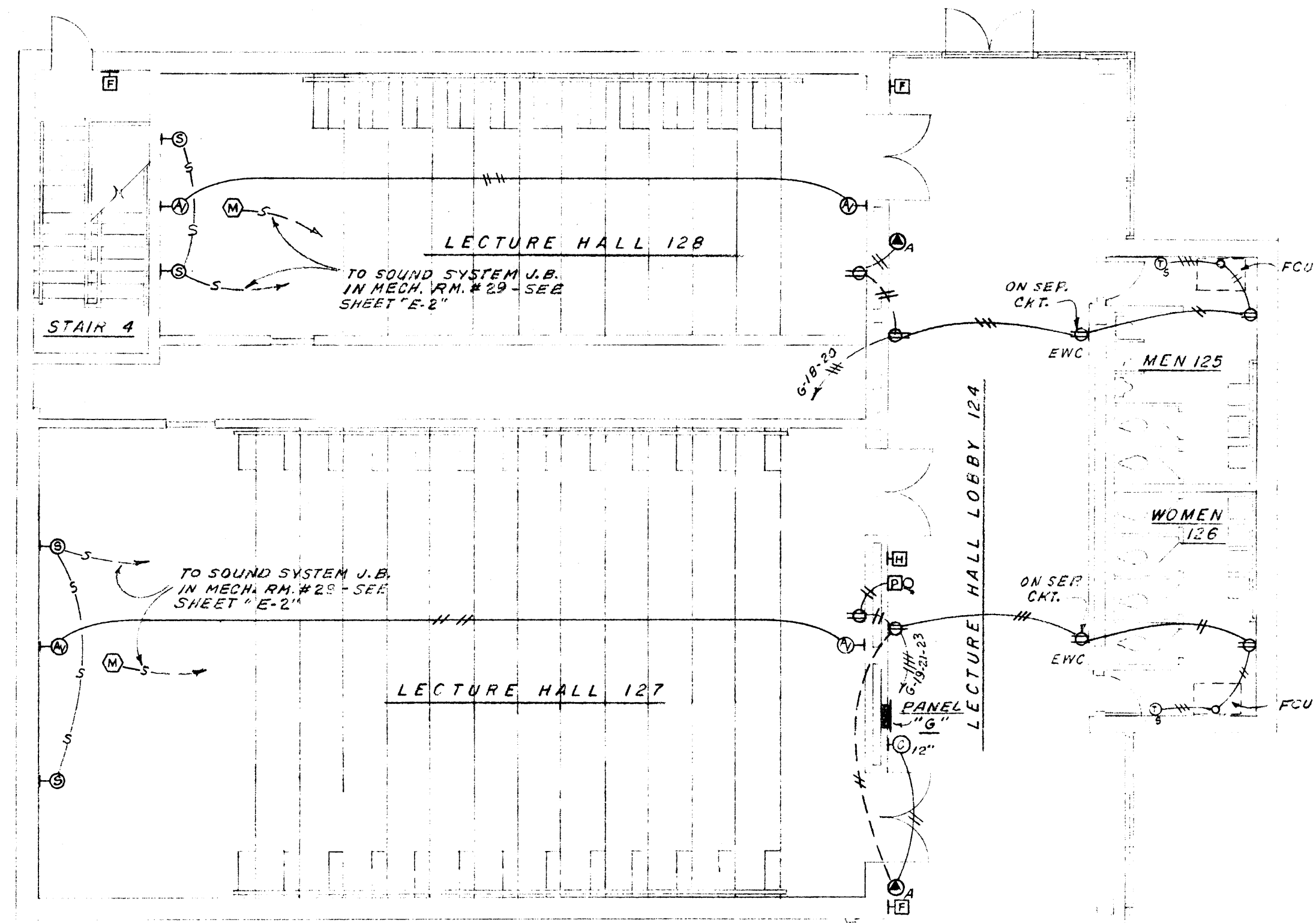
FIRST FLOOR PLAN
SCALE 1/8"=1'-0"



DATE	3-21-66
DRAWN BY	I. L. T.
CHECKED BY	W. B. J.
REVISIONS	

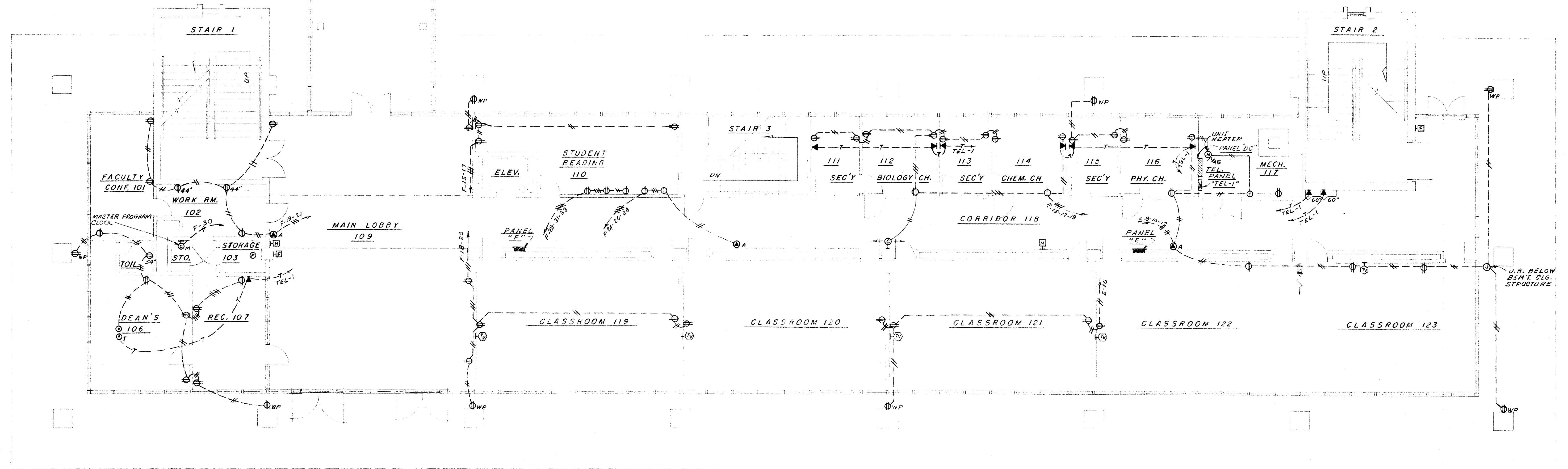
LABORATORY SCIENCES BUILDING
 STUCK, FRIER, LANE & SCOTT, INC., ARCHITECTS
 601 SOUTHWEST DRIVE • JONESBORO, ARKANSAS

SHEET NUMBER	E 3
COMMISSION NUMBER	43066

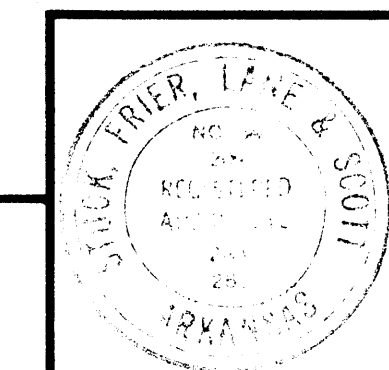
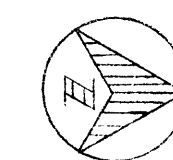


TELEPHONE RISER DIAGRAM
NO SCALE

TYPICAL SCHEMATIC WIRING DIAGRAM FOR MULTIPLE
FAN COIL UNITS ON ONE THERMOSTAT CONTROL
NO SCALE



FIRST FLOOR PLAN
SCALE: 1/8" = 1'-0"

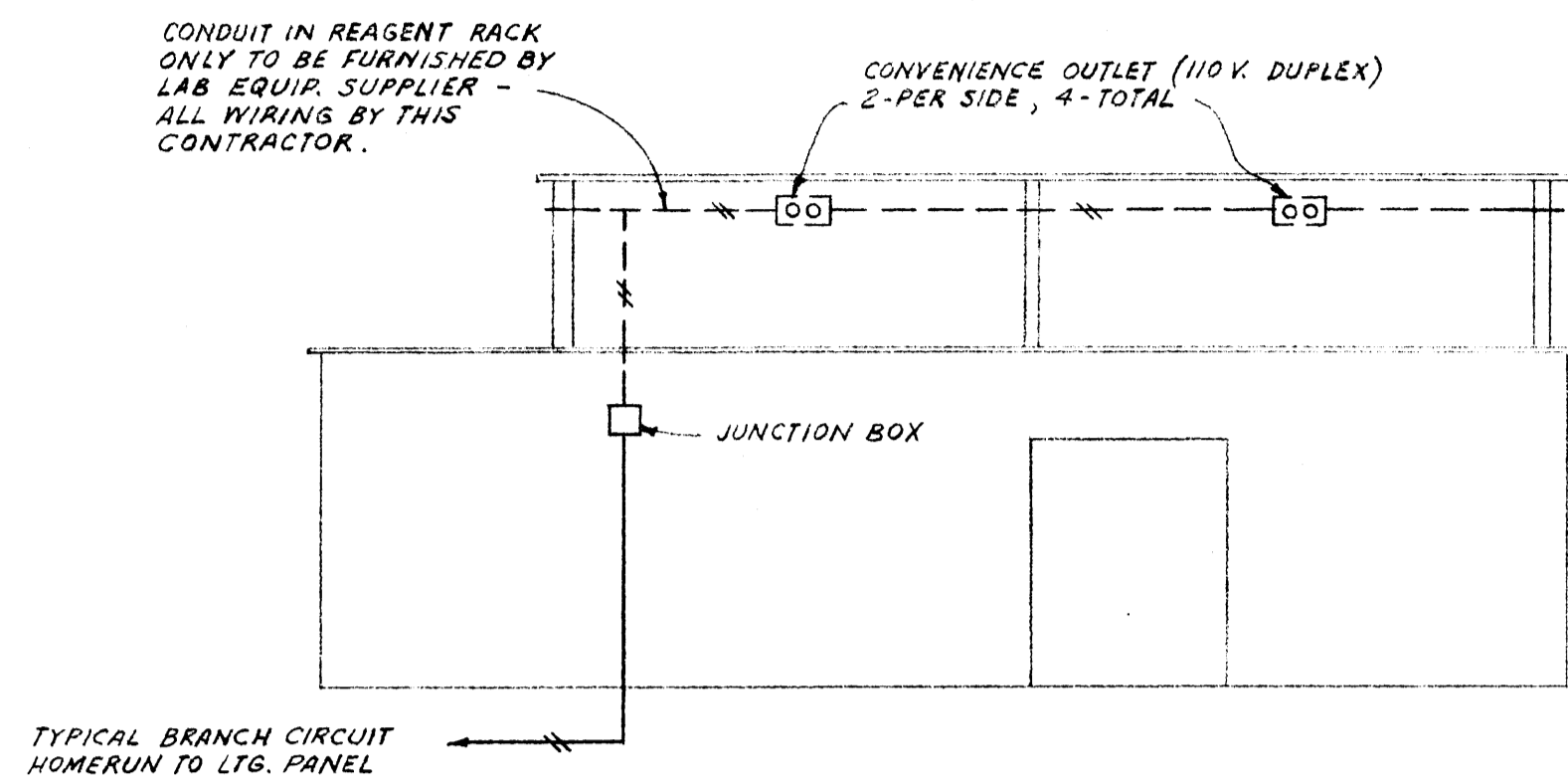


DATE	6-21-66
DRAWN BY	A. L. T.
CHECKED BY	W. B. T.
REVISIONS	

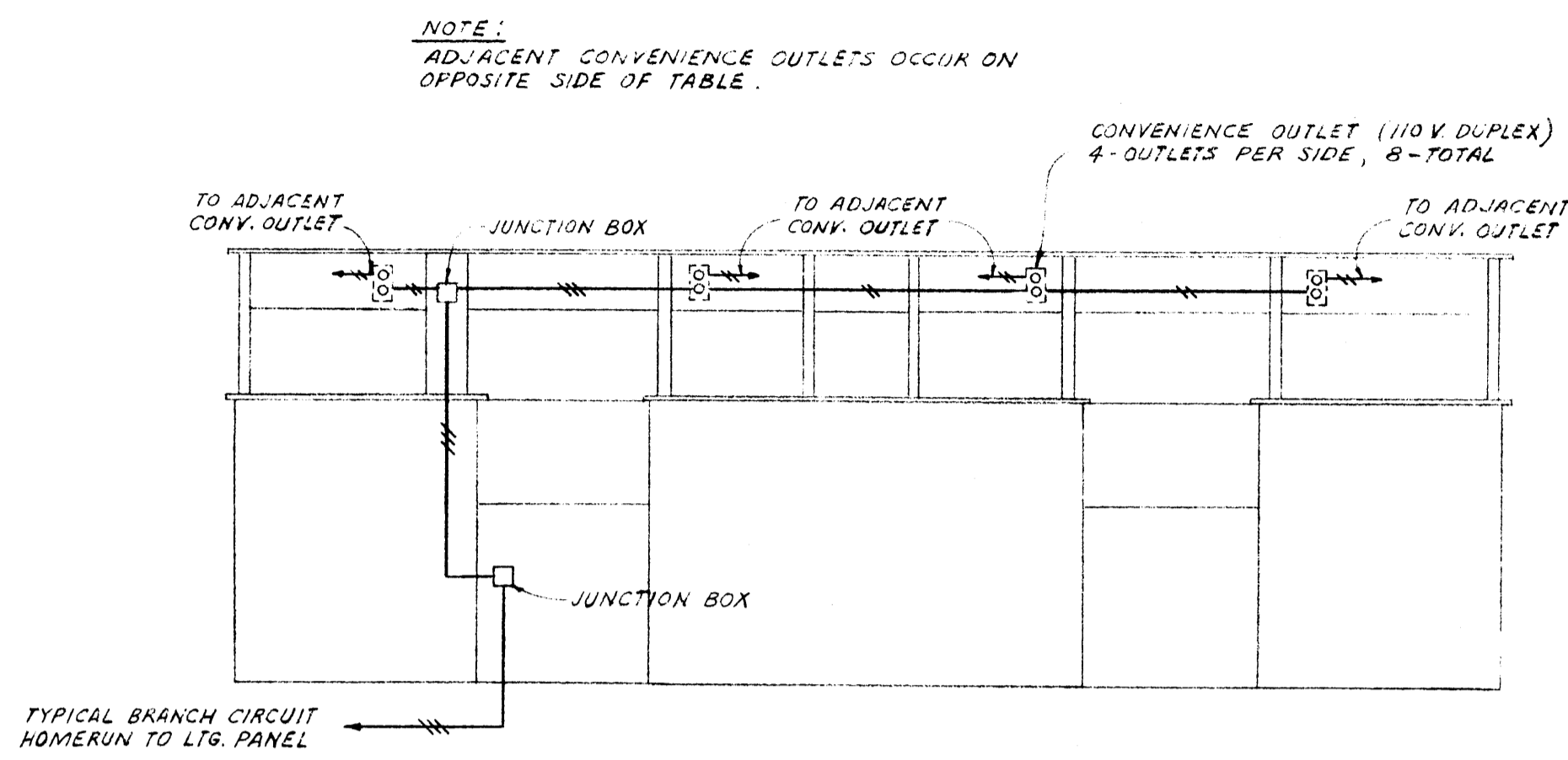
LABORATORY SCIENCES BUILDING
ARKANSAS STATE COLLEGE
JONESBORO, ARKANSAS
PROJECT NO. ARK. 5-1479

STUCK, FRIER, LANE & SCOTT, INC., ARCHITECTS
601 SOUTHWEST DRIVE • JONESBORO, ARKANSAS

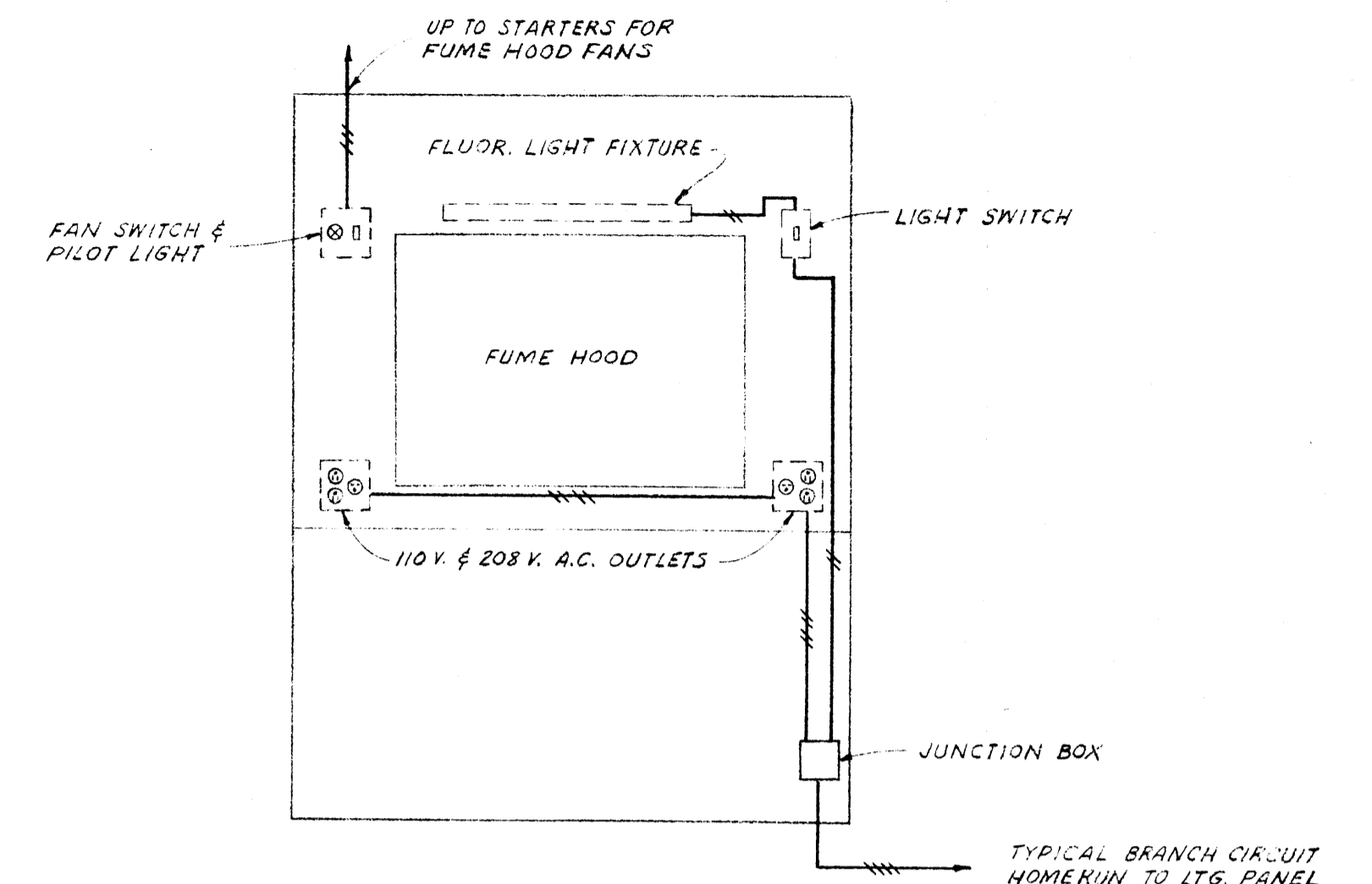
SHEET NUMBER	E 4
COMMISSION NUMBER	43066



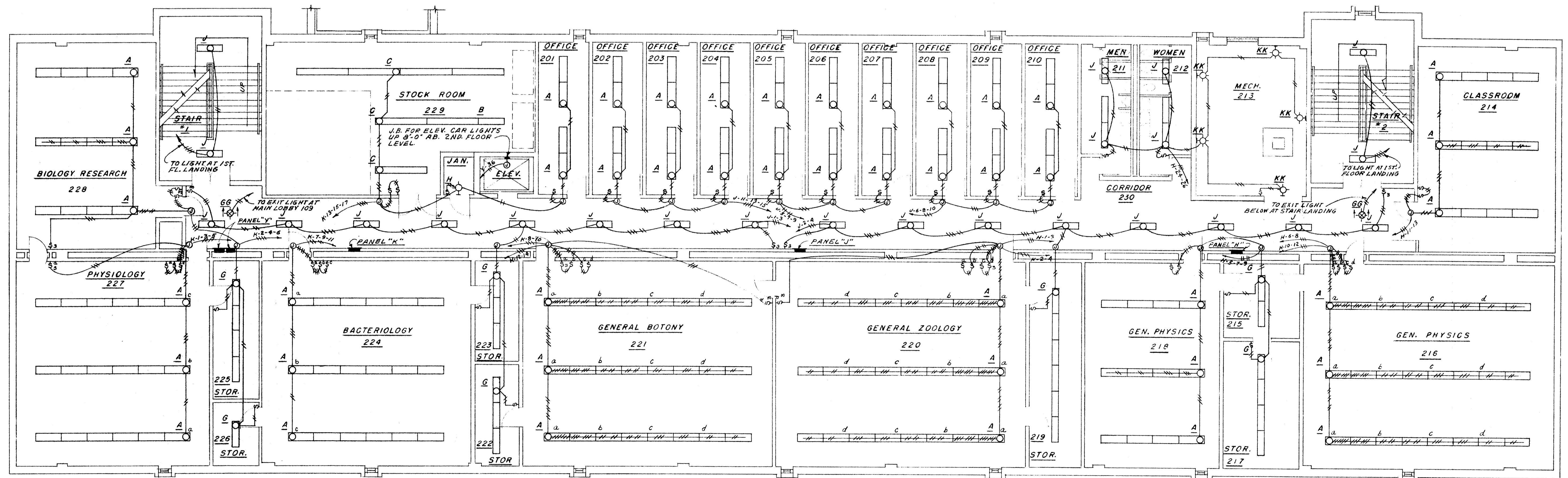
TYPICAL ITEM NO. 152 WIRING
NO SCALE



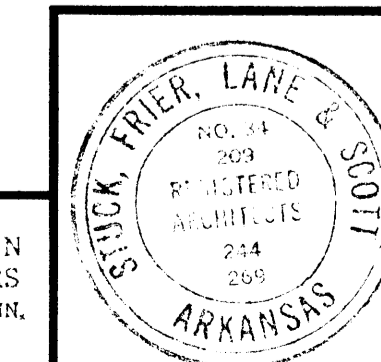
TYPICAL ITEM NO. 170 WIRING
NO SCALE



TYPICAL LAB FUME HOOD WIRING
NO SCALE



SECOND FLOOR PLAN
SCALE: 1/8" = 1'-0"

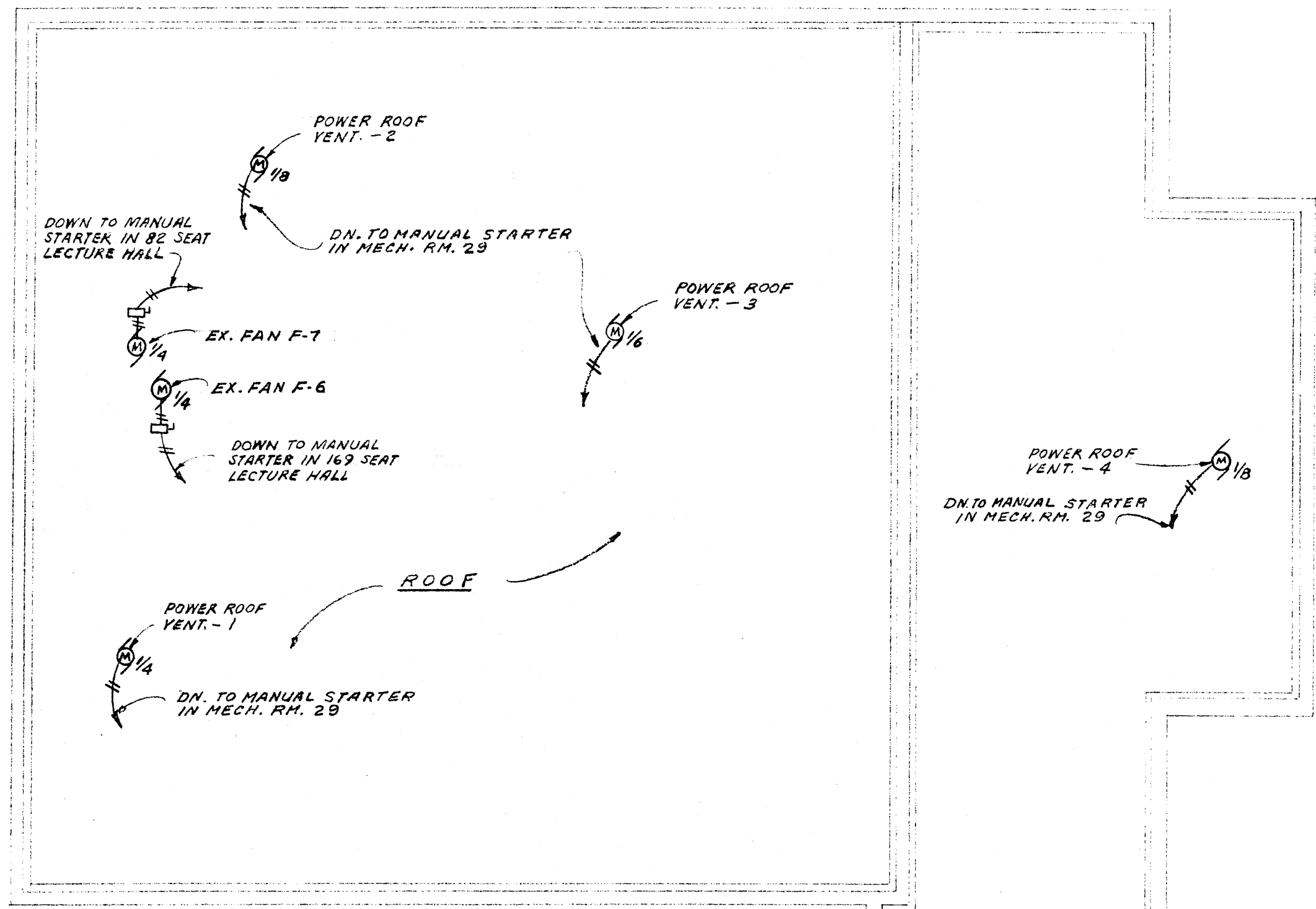


DATE	G-21-66
DRAWN BY	L. L. T.
CHECKED BY	W. B. T.
REVISIONS	

LABORATORY SCIENCES BUILDING
ARKANSAS STATE COLLEGE
JONESBORO, ARKANSAS
PROJECT NO. ARK. 5-1479

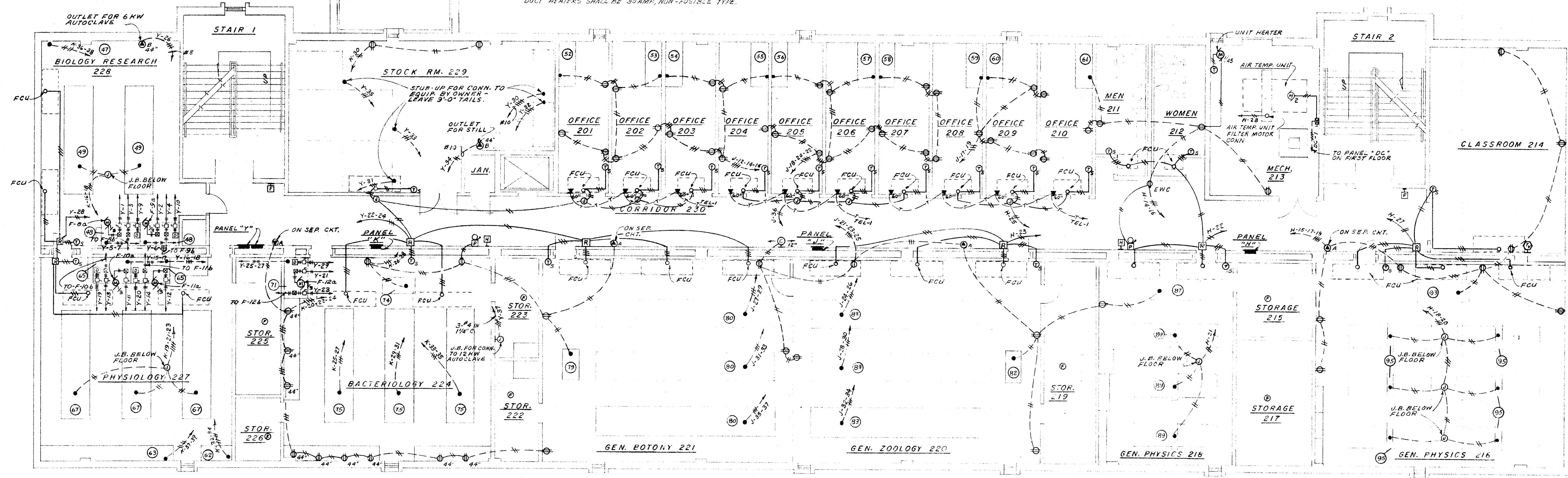
STUCK, FRIER, LANE & SCOTT, INC., ARCHITECTS
601 SOUTHWEST DRIVE • JONESBORO, ARKANSAS

SHEET NUMBER	E 5
COMMISSION NUMBER	43066



LAB FURNITURE ELEC. SERVICE SCHEDULE										
ITEM NO.	FURNITURE DESCRIPTION	VOLTAGE	PHASE	CONVENIENCE OUTLET CONNECTIONS	LIGHTING FIXTURE CONNECTIONS	LIGHT SWITCH CONNECTIONS	FAN CONNECTIONS EXHAUST AIR	FAN CONNECTIONS AUXILIARY AIR	FAN SWITCH CONNECTION	REMARKS
17	WALL ASS'Y	115	1	2						
18	FUME HOOD	115	1	4	1	1	1	1	1	"SEE DETAIL"
19	CHEMISTRY TABLE	115	1	6						
20	RESEARCH WALL TABLE	115	1	1						
21	DO	115	1	1						
22	DO	115	1	1						
23	DO	115	1	1						
24	DO	115	1	1						
25	DO	115	1	1						
26	DO	115	1	1						
27	DO	115	1	1						
28	DO	115	1	1						
29	DO	115	1	1						
30	DO	115	1	1						
31	DO	115	1	1						
32	TABLE	115	1	1						
33	WALL ASS'Y	115	1	3						
34	FUME HOOD	115	1	4	1	1	1	1	1	"SEE DETAIL"
35	CHEMISTRY TABLE	115	1	6						
36	FUME HOOD	115	1	4	1	1	1	1	1	"SEE DETAIL"
37	INSTRUCTOR'S DESK	115	1	1						
38	BIOLOGICAL SCIENCE TABLE	115	1	4	1					
39	INSTRUCTOR'S DESK	115	1	4	1					
40	BIOLOGICAL SCIENCE TABLE	115	1	4	1					
41	INSTRUCTOR'S DESK	115	1	1						
42	BIOLOGICAL SCIENCE TABLE	115	1	4	1					
43	INSTRUCTOR'S DESK	115	1	1						
44	SERVICE ISLAND	115	1	2						
45	INSTRUCTOR'S DESK	115	1	1						
46	SERVICE ISLAND	115	1	1						

NOTE:
DISCONNECT SWITCHES FOR FUME HOOD EXHAUST FANS & DUCT HEATERS SHALL BE 30AMP, NON-FUSIBLE TYPE.



SECOND FLOOR PLAN
SCALE: 1/8"=1'-0"

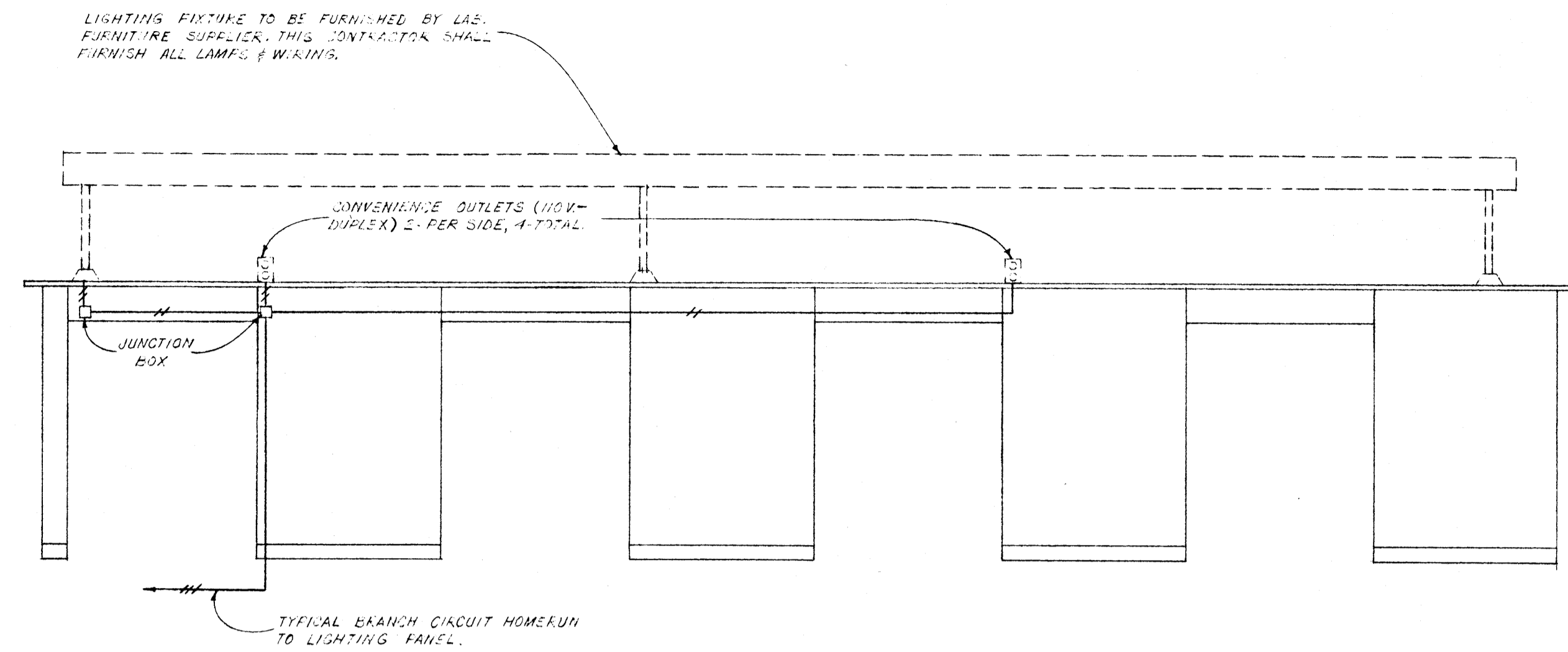
DATE: 6-21-66
DRAWN BY: I. L. T.
CHECKED BY: W. B. T.
REVISIONS:

LABORATORY SCIENCES BUILDING
ARKANSAS STATE COLLEGE
JONESBORO, ARKANSAS
PROJECT NO. ARK. 5-1479

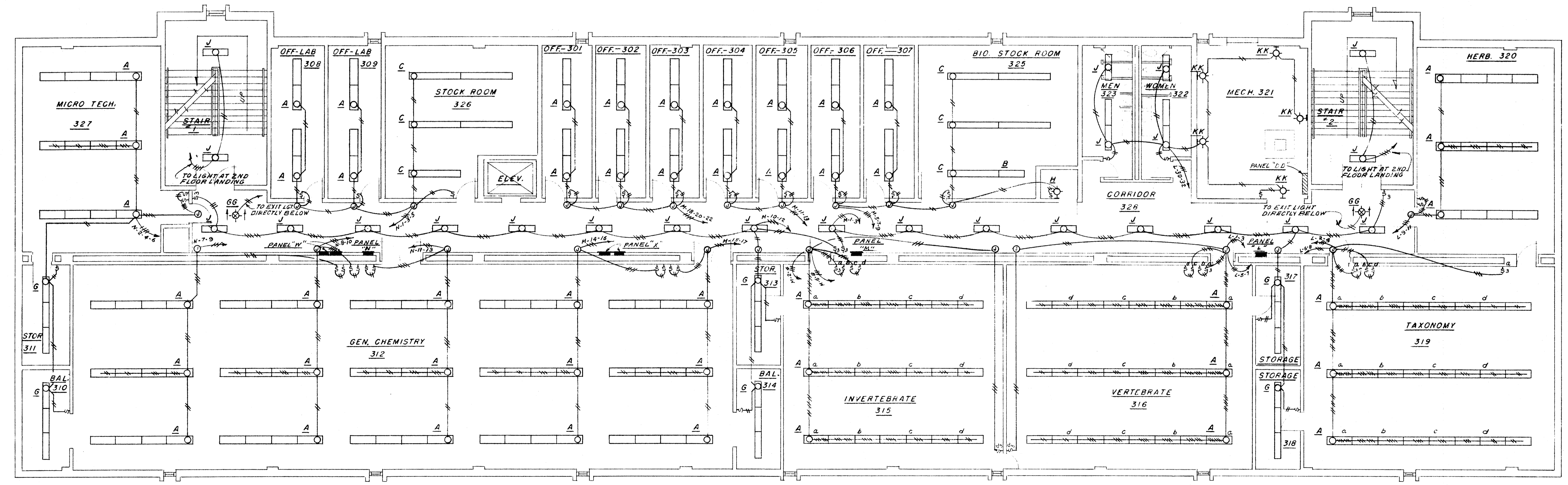
SHEET NUMBER
E 6
COMMISSION NUMBER
43066

WILLIAM B. THOMPSON
MECHANICAL ENGINEERS
FALLS LIDE, MEMPHIS, TENN.

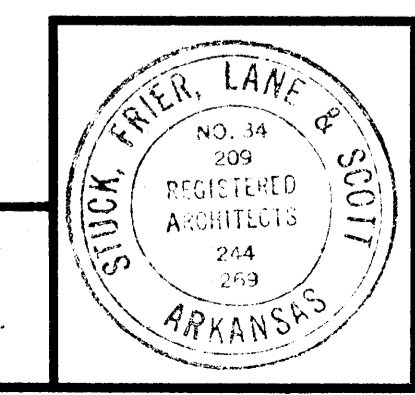
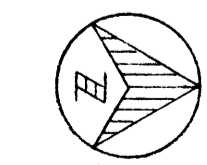
STUCK, FRIER, LANE & SCOTT, INC., ARCHITECTS
601 SOUTHWEST DRIVE • JONESBORO, ARKANSAS



TYPICAL ITEM #140 WIRING
NO SCALE



THIRD FLOOR PLAN
SCALE 1/8"=1'-0"



DATE	6-21-66
DRAWN BY	I. L. T.
CHECKED BY	W. B. T.
REVISIONS	

LABORATORY SCIENCES BUILDING
 ARKANSAS STATE COLLEGE
 JONESBORO, ARKANSAS
 PROJECT NO. ARK. 5-1479

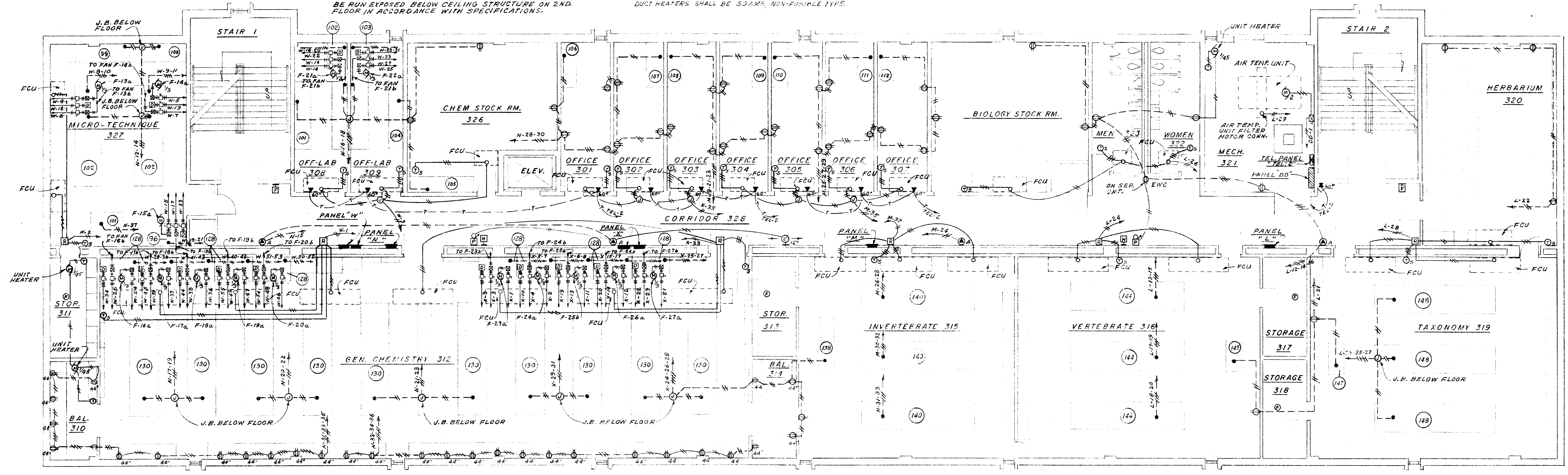
STUCK, FRIER, LANE & SCOTT, INC., ARCHITECTS
 601 SOUTHWEST DRIVE • JONESBORO, ARKANSAS

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 COMMISSION NUMBER
 43066

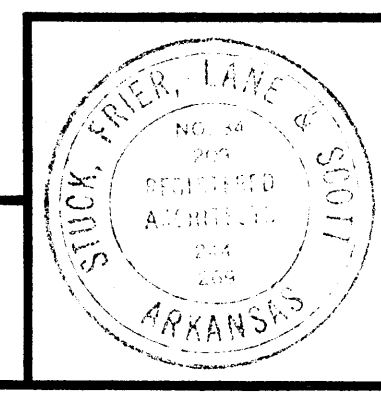
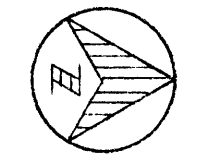
LAB FURNITURE ELEC. SERVICE SCHEDULE

ITEM NO.	FURNITURE DESCRIPTION	VOLTAGE	PHASE	CONVENIENCE OUTLET CONNECTIONS	LIGHTING FIXTURE CONNECTIONS	LIGHT SWITCH CONNECTIONS	FAN CONNECTIONS EXHAUST AIR	FAN CONNECTIONS AUXILIARY AIR	FAN SWITCH CONNECTION	REMARKS
96	FUME HOOD	115	1	4	1	1	1	1	"SEE DETAIL"	
99	WALL ASS'Y	115	1	2						
100	DO	115	1	1						
101	RESEARCH WALL TABLE	115	1	1						
102	RESEARCH WALL TABLE	115	1	2					"SEE DETAIL"	
103	FUME HOOD	115	1	4	1	1	1	1	"SEE DETAIL"	
104	RESEARCH WALL TABLE	115	1	2					"SEE DETAIL"	
105	DO	115	1	1						
106	DO	115	1	1						
107	DO	115	1	1						
108	DO	115	1	1						
109	DO	115	1	1						
110	DO	115	1	1						
111	DO	115	1	1						
112	DO	115	1	1						
113	FUME HOOD	115	1	4	1	1	1	1	"SEE DETAIL"	
114	RESEARCH WALL TABLE	115	1	2						
119	CHEMISTRY TABLE	115	1	6						
120	INSTRUCTOR'S DESK	115	1	1						
140	BIOLOGICAL SCIENCE TABLE	115	1	4	1				"SEE DETAIL"	
143	INSTRUCTOR'S DESK	115	1	1						
144	BIOLOGICAL SCIENCE TABLE	115	1	4	1					
147	INSTRUCTOR'S DESK	115	1	1						
148	BIOLOGY TABLE	115	1	6						

NOTES:
 1. CONDUIT INDICATED TO BE RUN BELOW 3RD. FLOOR SHALL BE RUN EXPOSED BELOW CEILING STRUCTURE ON 2ND. FLOOR IN ACCORDANCE WITH SPECIFICATIONS.
 2. DISCONNECT SWITCHES FOR FUME HOOD EXHAUST FANS & DUCT HEATERS SHALL BE 30AMP. NON-FUSIBLE TYPE.



THIRD FLOOR PLAN
 SCALE: 1/8"=1'-0"



DATE: 6-21-66
 DRAWN BY: I. L. T.
 CHECKED BY: W. B. T.
 REVISIONS:

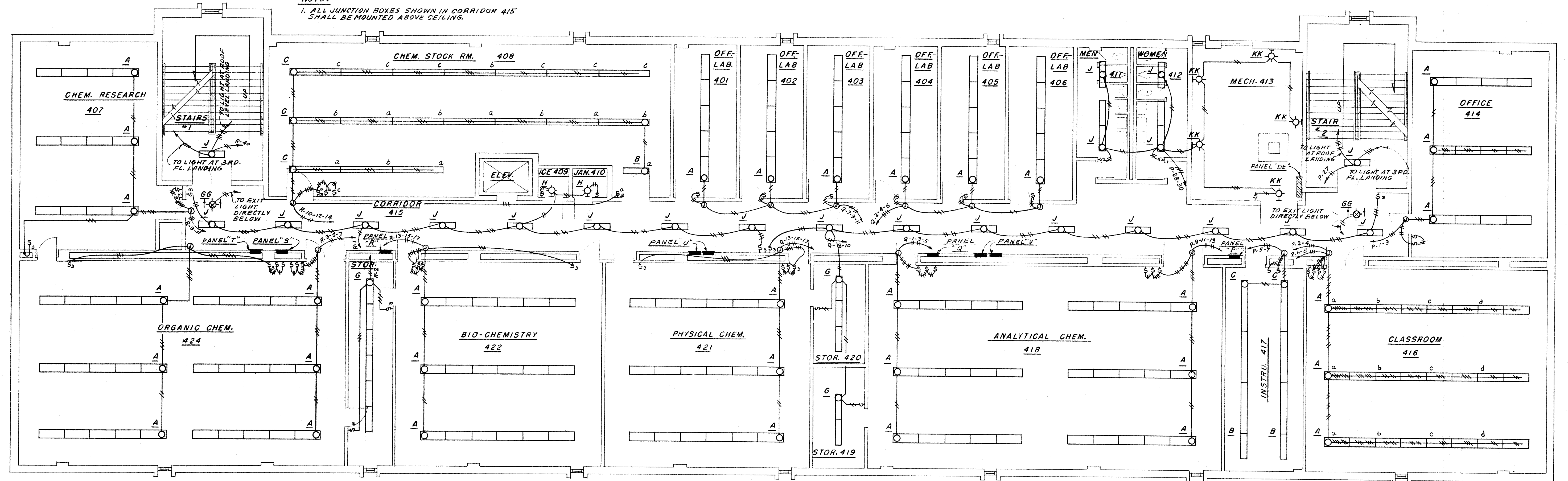
LABORATORY SCIENCES BUILDING
 ARKANSAS STATE COLLEGE
 JONESBORO, ARKANSAS
 PROJECT NO. ARK. 5-1479
STUCK, FRIER, LANE & SCOTT, INC., ARCHITECTS
 601 SOUTHWEST DRIVE • JONESBORO, ARKANSAS

SHEET NUMBER
E 8
 COMMISSION NUMBER
 43066

SPECIAL OUTLET SCHEDULE

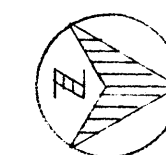
▲	DESCRIPTION	▲	DESCRIPTION
A	2-POLE, 3-WIRE, 20 AMP. 50°/110° TYPE OUTLET EQUAL TO HUBBELL #5561	E	2-POLE, 3-WIRE, 30 AMP. GROUNDING TYPE ARMORED CONNECTOR BODY WITH COAD SKIP EQUAL TO HUBBELL #8341 SUSPENDED 6" ABOVE FLOOR ON #10 A.W.G. TYPE "S" SUPER SERVICE WIRE WITH GREEN GROUNDING CONDUCTOR, FROM OUTLET BOX IN CEILING, SERVICE CORD SHALL BE REINFORCED AT OUTLET BOX WITH KELLEM SERIES 075-03 STRAIN RELIEF GRIP AND AT CONNECTOR BODY WITH KELLEM SERIES 600 CABLE GRIP. OUTLET BOX SHALL BE FLUSH MOUNTED IN CEILING AND SUPPORTED FROM CONCRETE SLAB ABOVE. FURNISH OUTLET BOX WITH ROUND COVERPLATE WITH CENTER KNOCKOUT.
B	2-POLE, 3-WIRE, 30 AMP. GROUNDING TYPE OUTLET EQUAL TO HUBBELL #9344-G	F	2-POLE, 3-WIRE, 15 AMP. GROUNDING TYPE OUTLET EQUAL TO HUBBELL #5662
C	3-POLE, 4-WIRE, 50 AMP. GROUNDING TYPE OUTLET EQUAL TO HUBBELL #3440		
D	2-POLE, 3-WIRE, 15 AMP. GROUNDING TYPE ARMORED CONNECTOR BODY WITH COAD SKIP EQUAL TO HUBBELL #5269 CONNECTED TO AUTOMATIC REWIND JARLE REEL WITH 25' OF #14 AWG 3-CONDUCTOR TYPE "SD" CABLE. CABLE REEL SHALL BE EQUAL TO APPLETON #RL-103 MOUNTED ON CEILING SLAB WITH APPLETON #SEL-RL1 SWIVEL BASE.		

NOTE:
1. ALL JUNCTION BOXES SHOWN IN CORRIDOR 415 SHALL BE MOUNTED ABOVE CEILING.



FOURTH FLOOR PLAN

SCALE 1/8"=1'-0"



WILLIAM B. THOMPSON
MECHANICAL ENGINEERS
FALLS BLDG. MEMPHIS, TENN.



DATE
6-21-66
DRAWN BY
I. L. T.
CHECKED BY
W. B. T.
REVISIONS

LABORATORY SCIENCES BUILDING
ARKANSAS STATE COLLEGE
JONESBORO, ARKANSAS
PROJECT NO. ARK. 5-1479

STUCK, FRIER, LANE & SCOTT, INC., ARCHITECTS
601 SOUTHWEST DRIVE • JONESBORO, ARKANSAS

SHEET NUMBER

E
9

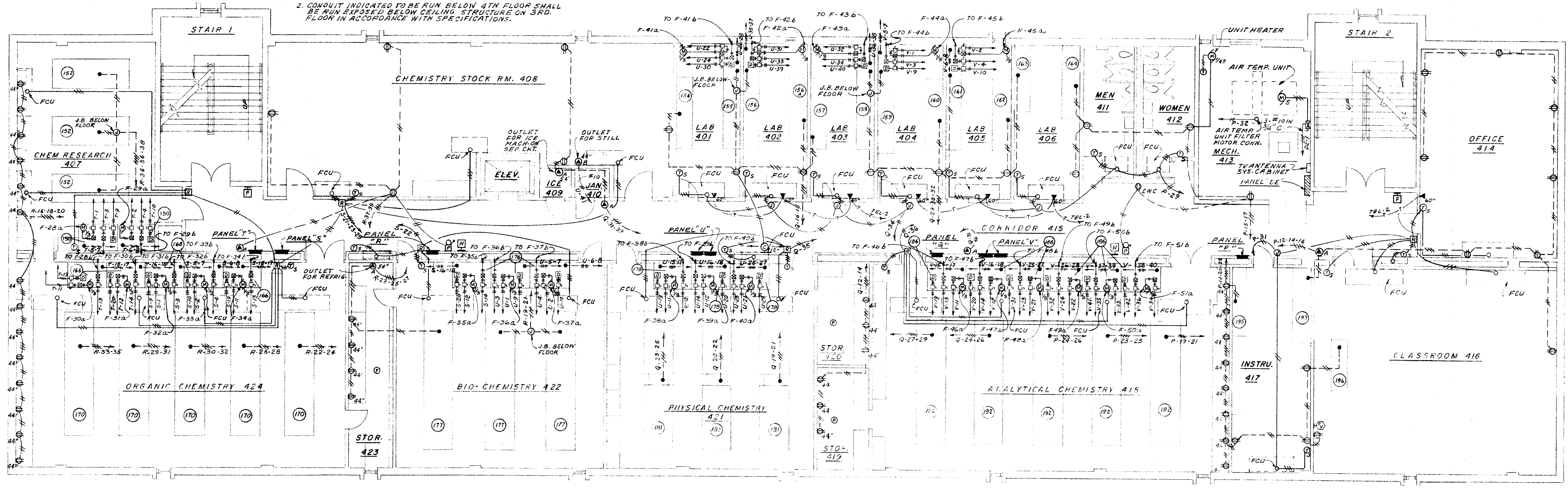
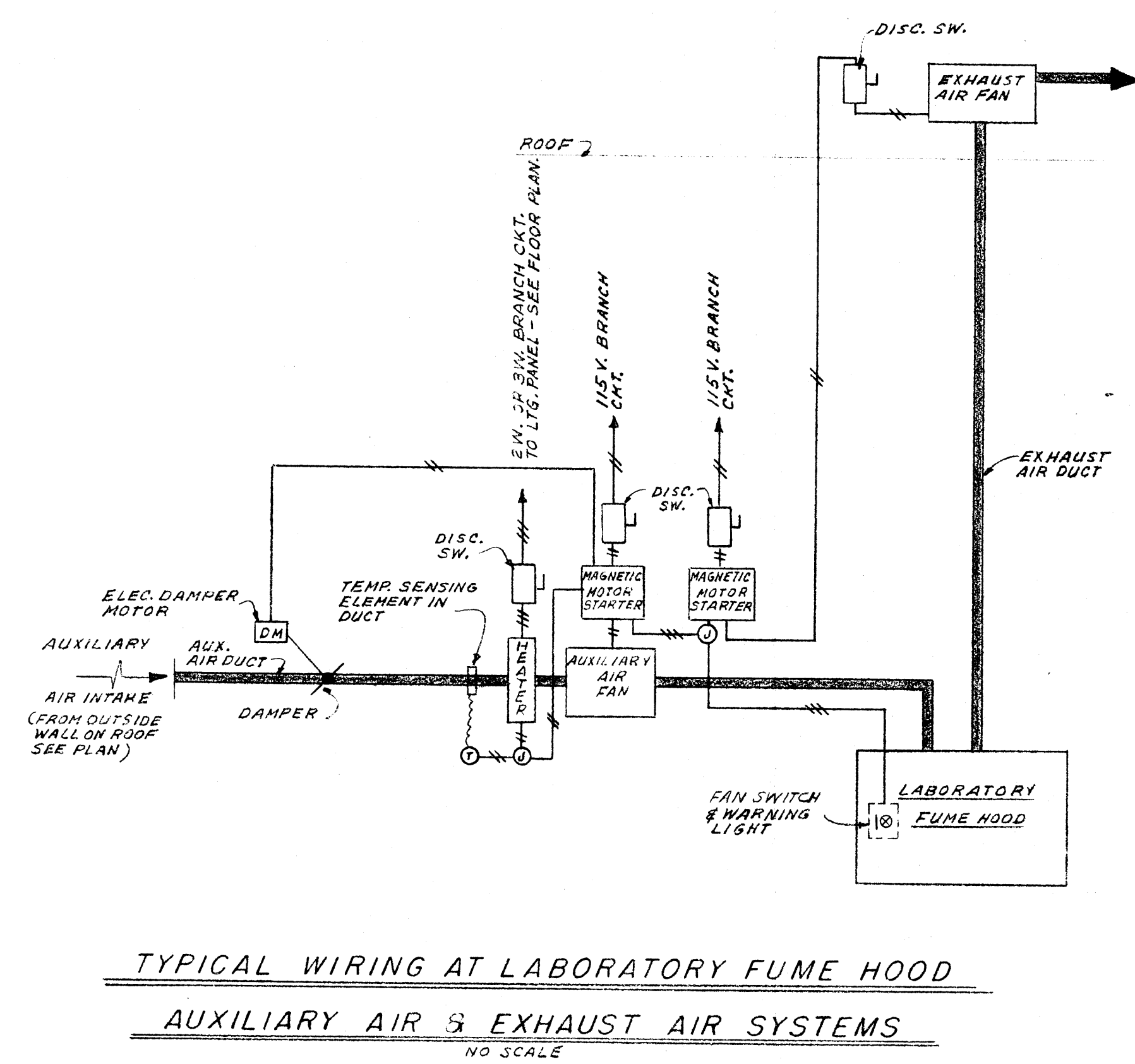
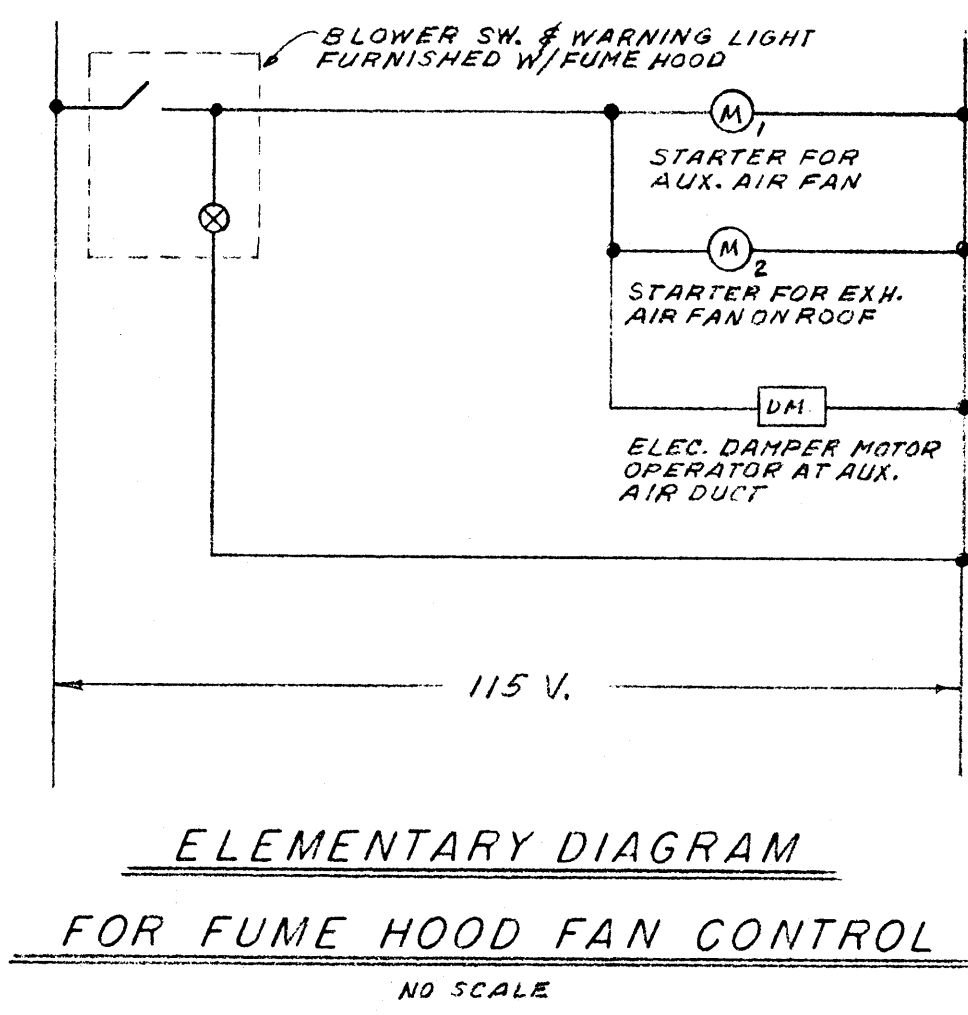
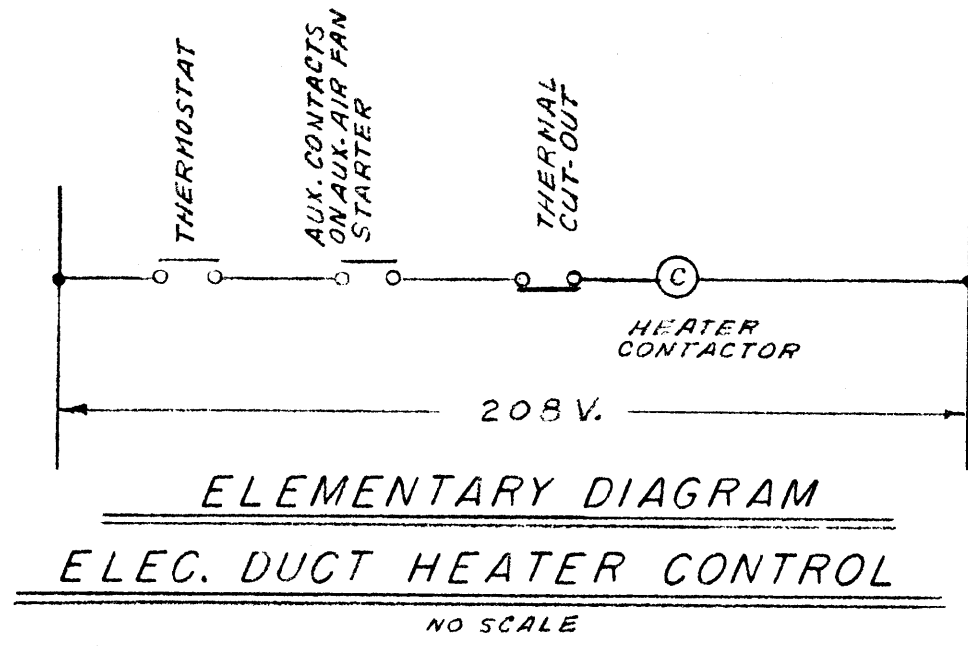
COMMISSION NUMBER
43066

LAB FURNITURE ELEC. SERVICE SCHEDULE

ITEM NO.	FURNITURE DESCRIPTION	VOLTAGE	PHASE	CONVENIENCE OUTLET CONNECTIONS	LIGHTING FIXTURE CONNECTIONS	LIGHT SWITCH CONNECTIONS	FAN CONNECTIONS EXHAUST AIR	FAN CONNECTIONS AUXILIARY AIR	FAN SWITCH CONNECTION	REMARKS
108	FUME HOOD	115	1	4	1	1	1	1	1	"SEE DETAIL"
109	RESEARCH CENTER TABLE	115	1	4						
110	RESEARCH WALL TABLE	115	1	1						
111	RESEARCH WALL TABLE	115	1	2						"SEE DETAIL"
112	FUME HOOD	115	1	4	1	1	1	1	1	
113	RESEARCH WALL TABLE	115	1	2						
114	FUME HOOD	208	1	4	1	1	1	1	1	"DO"
115	RESEARCH WALL TABLE	115	1	1						
116	RESEARCH WALL TABLE	115	1	2						"SEE DETAIL"
117	FUME HOOD	208	1	4	1	1	1	1	1	
118	RESEARCH WALL TABLE	115	1	2						"DO"
119	FUME HOOD	208	1	4	1	1	1	1	1	"SEE DETAIL"
120	RESEARCH WALL TABLE	115	1	1						
121	RESEARCH WALL TABLE	115	1	2						"SEE DETAIL"
122	FUME HOOD	208	1	4	1	1	1	1	1	
123	RESEARCH WALL TABLE	115	1	1						"DO"
124	RESEARCH WALL TABLE	115	1	2						"DO"
125	FUME HOOD	115	1	4	1	1	1	1	1	"SEE DETAIL"
126	RESEARCH WALL TABLE	115	1	2						"DO"
127	FUME HOOD	208	1	4	1	1	1	1	1	"DO"
128	ORGANIC CHEMISTRY TABLE	115	1	8						"DO"
129	FUME HOOD	115	1	4	1	1	1	1	1	"DO"
130	BIOCHEMISTRY TABLE	115	1	4						"SEE DETAIL"
131	FUME HOOD	115	1	4	1	1	1	1	1	
132	RESEARCH WALL TABLE	115	1	2						"DO"
133	FUME HOOD	208	1	4	1	1	1	1	1	"DO"
134	RESEARCH WALL TABLE	115	1	1						"DO"
135	RESEARCH WALL TABLE	115	1	2						"DO"
136	FUME HOOD	115	1	4	1	1	1	1	1	"DO"
137	ORGANIC CHEMISTRY TABLE	115	1	8						"DO"
138	FUME HOOD	115	1	4	1	1	1	1	1	"DO"
139	PHYSICAL CHEMISTRY TABLE	115	1	8						"DO"
140	FUME HOOD	208	1	4	1	1	1	1	1	"DO"
141	CHEMISTRY TABLE	115	1	8						"DO"
142	RESEARCH WALL TABLE	115	1	2						"DO"
143	DO	115	1	1						"DO"
144	DO	115	1	1						"DO"
145	INSTRUCTORS DESK	115	1	1						"DO"

NOTES:

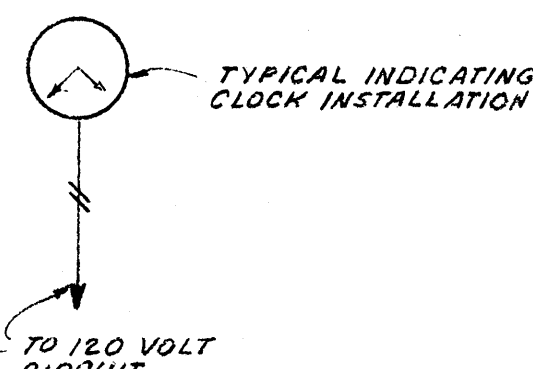
- DISCONNECT SWITCHES FOR FUME HOOD EXHAUST FANS & DUCT HEATERS SHALL BE 30AMP, NON-FUSIBLE TYPE
- CONDUIT INDICATED TO BE RUN BELOW 4TH FLOOR SHALL BE RUN EXPOSED BELOW CEILING STRUCTURE ON 3RD. FLOOR IN ACCORDANCE WITH SPECIFICATIONS.



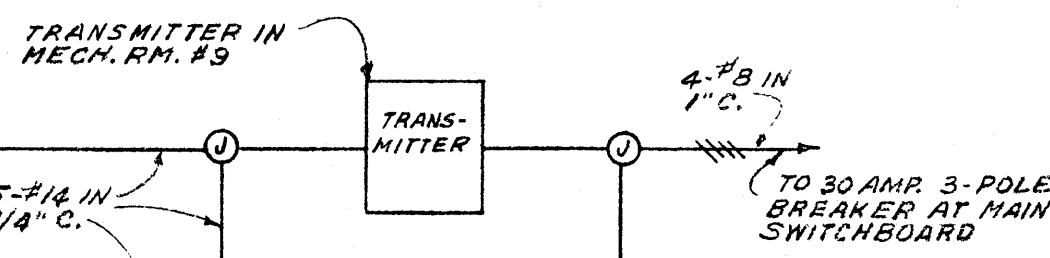
FOURTH FLOOR PLAN
SCALE 1/8"=1'-0"

	DATE	G-21-66	LABORATORY SCIENCES BUILDING ARKANSAS STATE COLLEGE JONESBORO, ARKANSAS PROJECT NO. ARK 5-1479	SHEET NUMBER E 10 COMMISSION NUMBER 43066
	DRAWN BY	J.L.T.		
	CHECKED BY	W.B.T.		
	REVISIONS			
STUCK, FRIER, LANE & SCOTT, INC., ARCHITECTS 601 SOUTHWEST DRIVE • JONESBORO, ARKANSAS				

TYPICAL PROGRAM BELL INSTALLATION

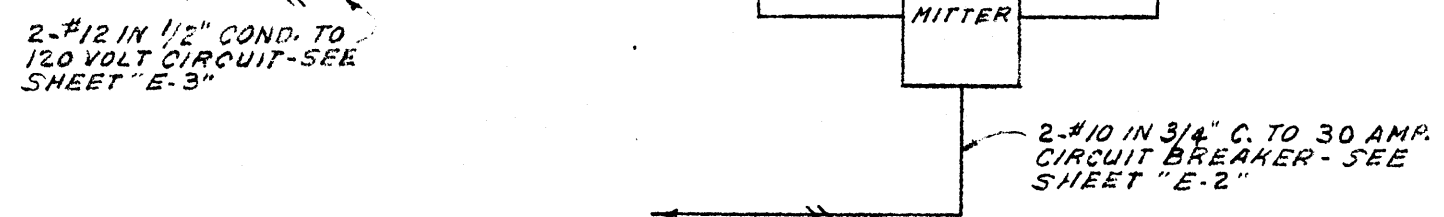


TO 120 VOLT CIRCUIT



TO 30 AMP 3-POLE BREAKER AT MAIN SWITCHBOARD

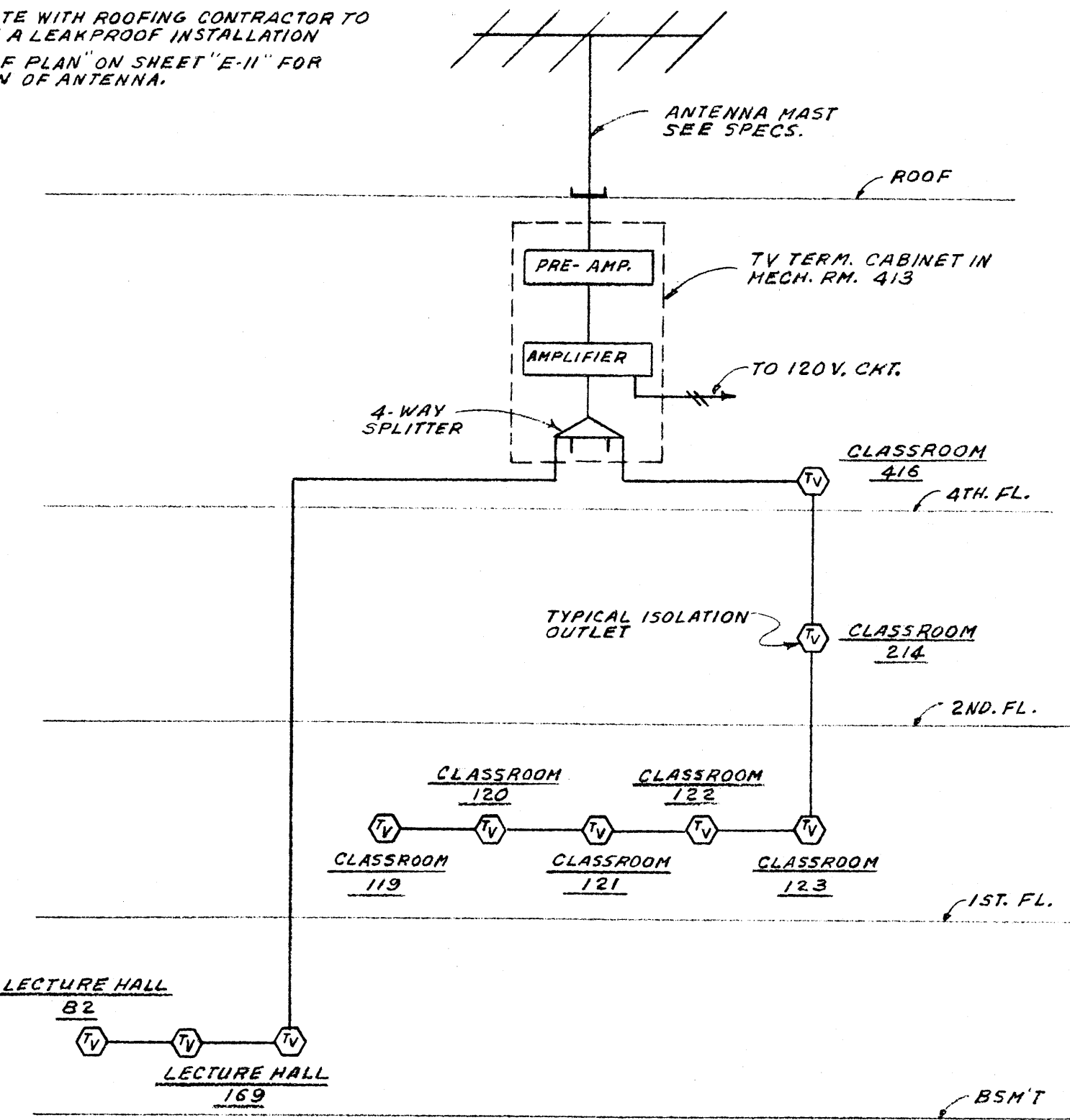
MASTER PROGRAM CLOCK



CLOCK & PROGRAM SYSTEM RISER

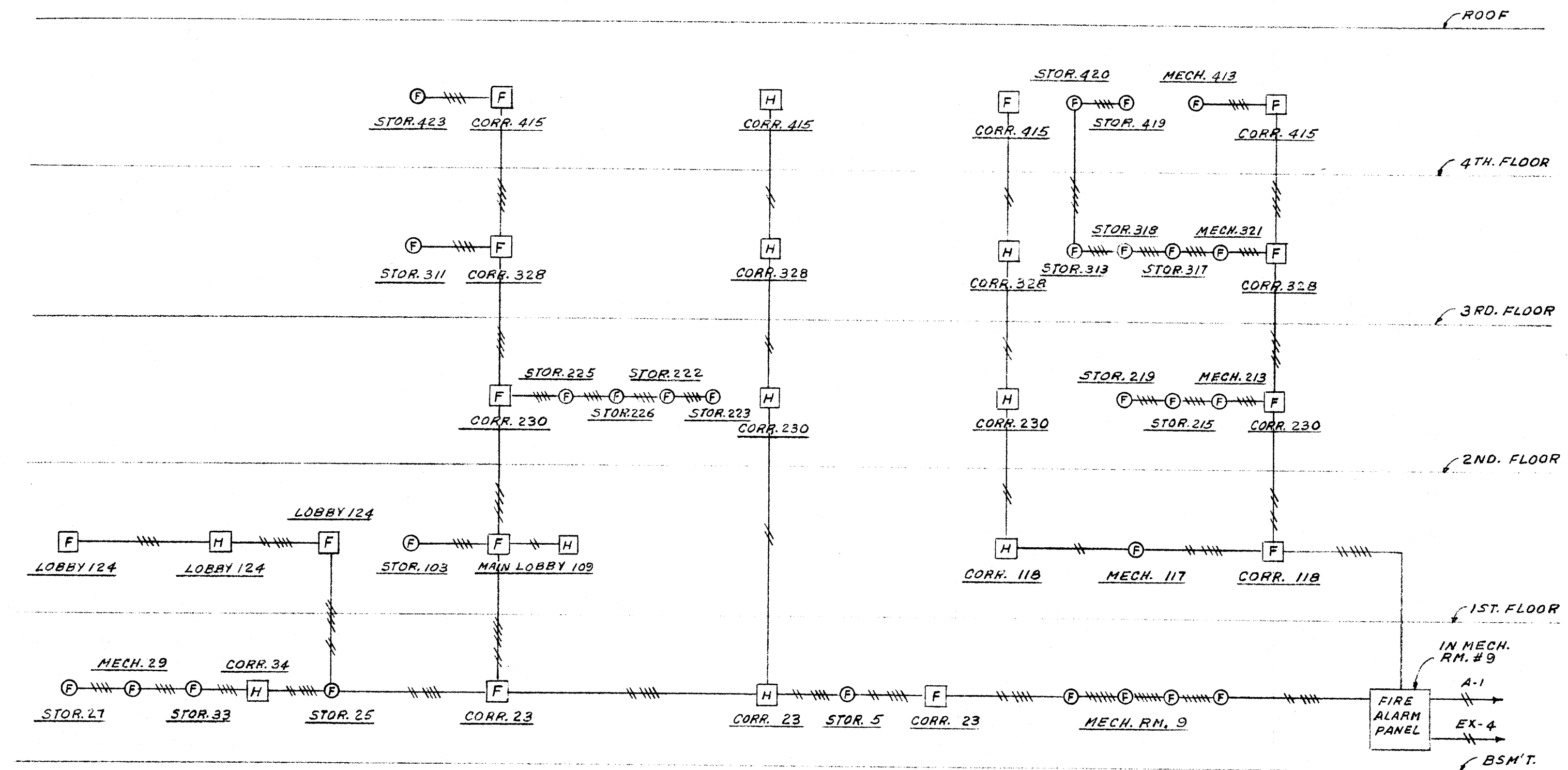
NO SCALE

- NOTES:
1. ELECTRICAL CONTRACTOR SHALL FURNISH METAL PITCH PAN AT TV ANTENNA & SHALL GUY ANCHORS.
 2. COOPERATE WITH ROOFING CONTRACTOR TO PROVIDE A LEAKPROOF INSTALLATION
 3. SEE "ROOF PLAN" ON SHEET "E-11" FOR LOCATION OF ANTENNA.



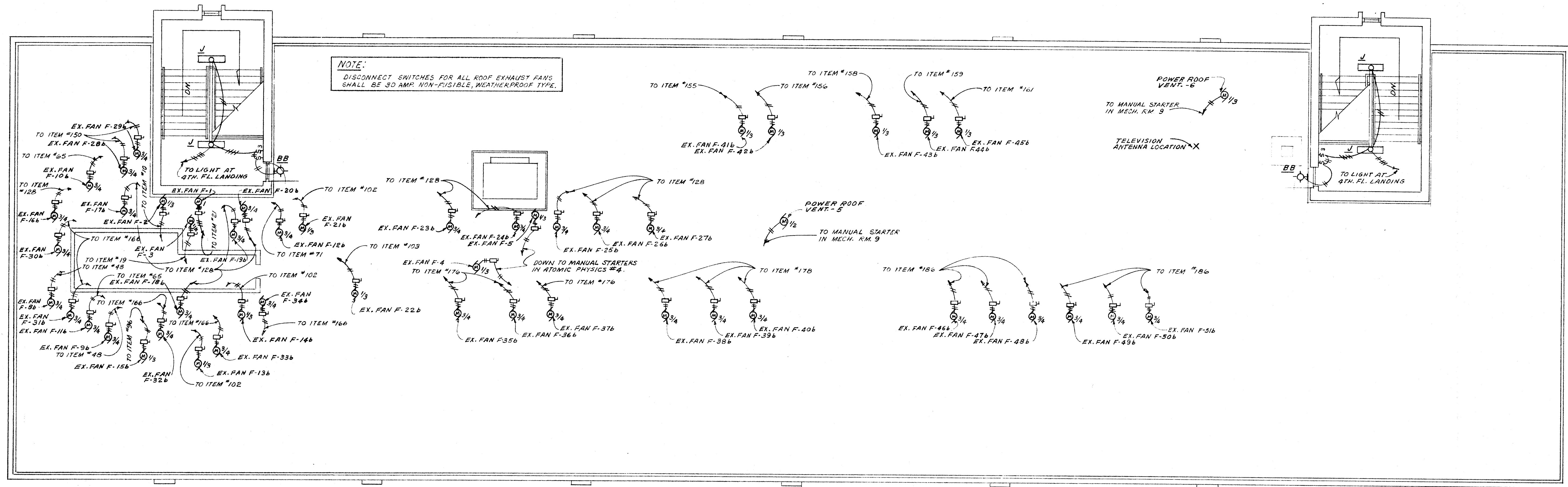
TV ANTENNA SYSTEM RISER

NO SCALE



FIRE ALARM RISER

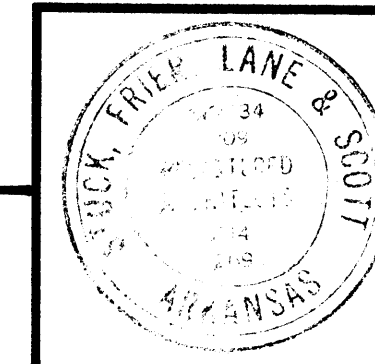
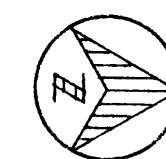
NO SCALE



NOTE: DISCONNECT SWITCHES FOR ALL ROOF EXHAUST FANS SHALL BE 30 AMP. NON-FUSIBLE, WEATHERPROOF TYPE.

ROOF PLAN

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

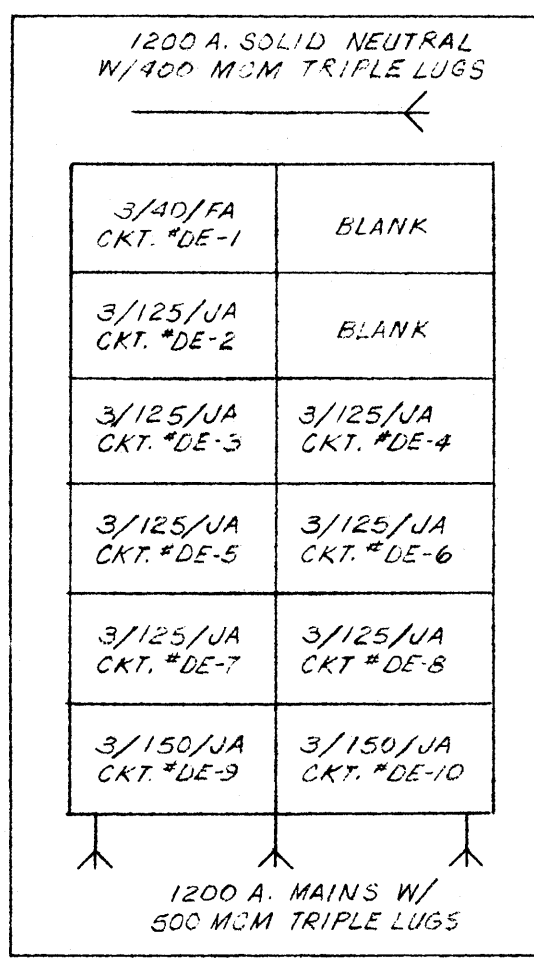


DATE	G-21-66
DRAWN BY	I. L. T.
CHECKED BY	W. B. T.
REVISIONS	

LABORATORY SCIENCES BUILDING
 ARKANSAS STATE COLLEGE
 JONESBORO, ARKANSAS
 PROJECT NO. ARK. 5-1479

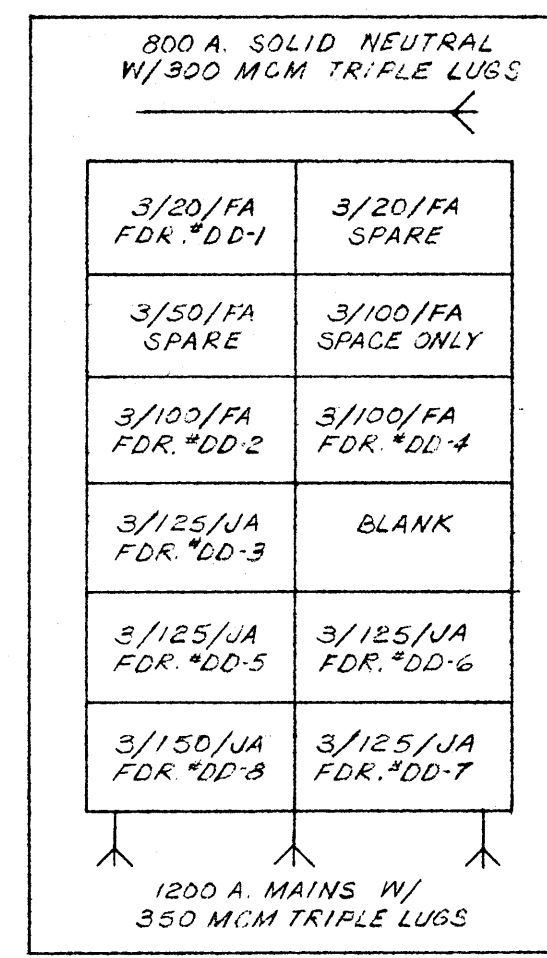
STUCK, FRIER, LANE & SCOTT, INC., ARCHITECTS
 601 SOUTHWEST DRIVE • JONESBORO, ARKANSAS

SHEET NUMBER	E
COMMISSION NUMBER	11
	43066



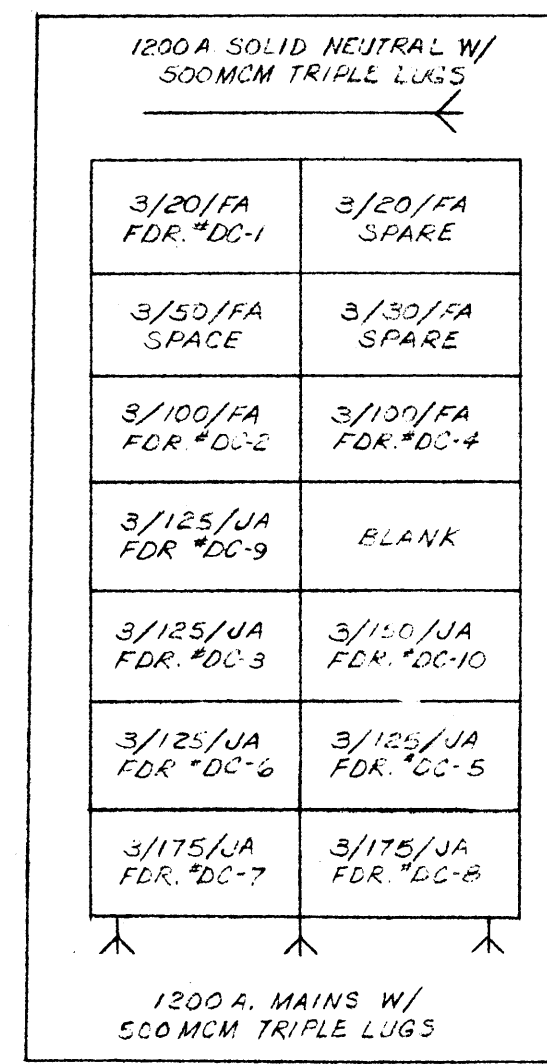
PANEL "DE"

NO SCALE



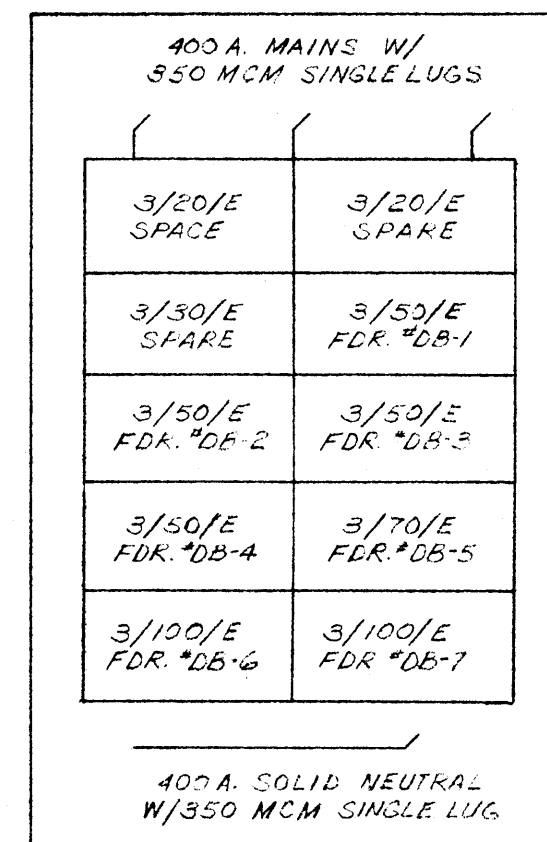
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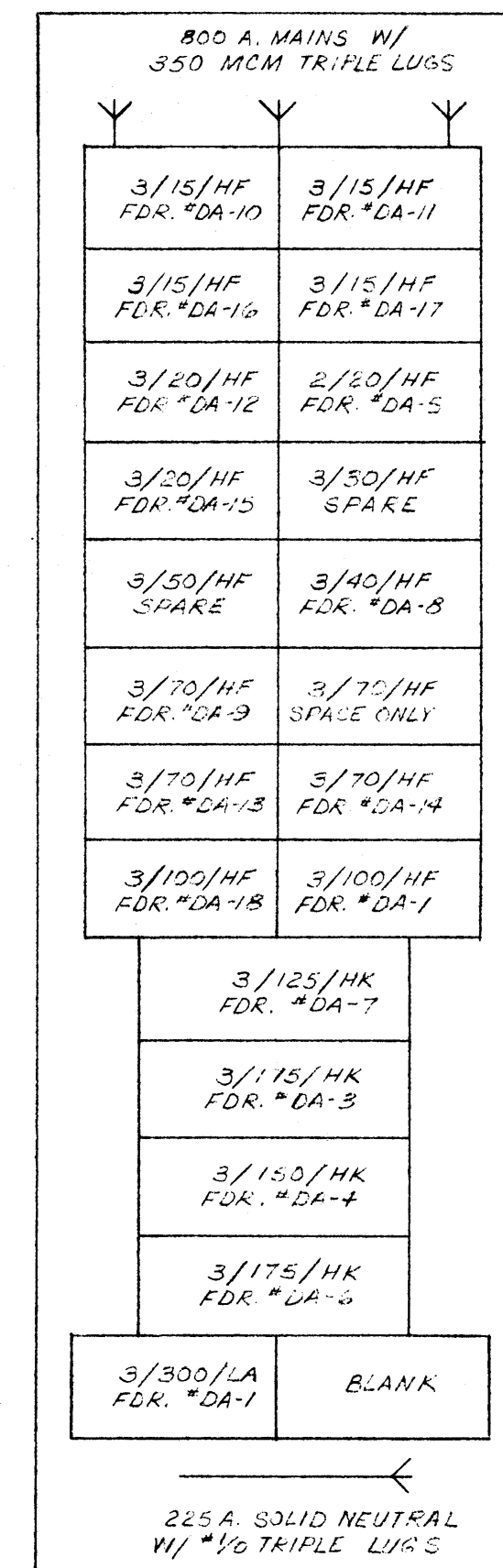
PANEL "DC"

NO SCALE



PANEL "DB"

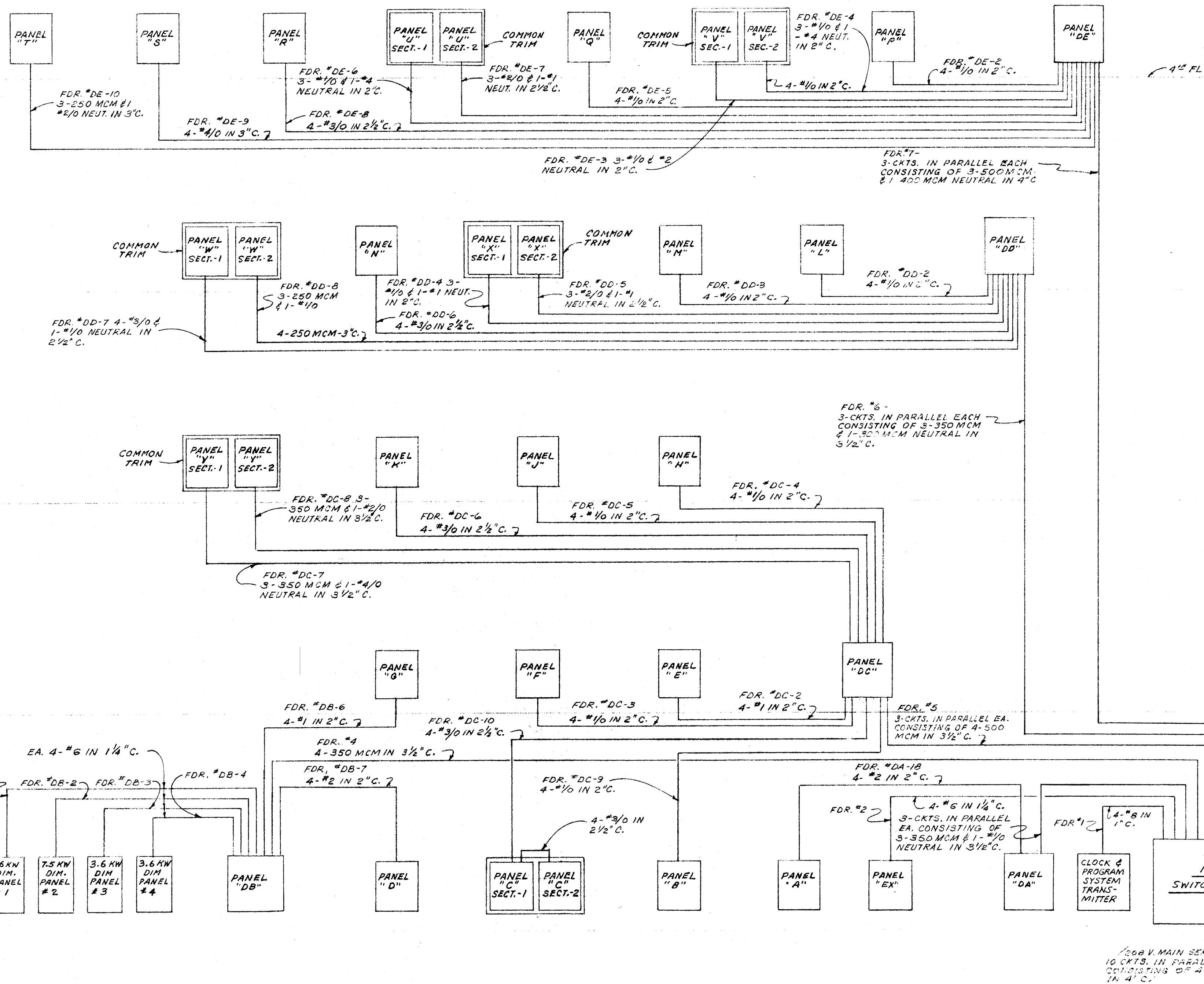
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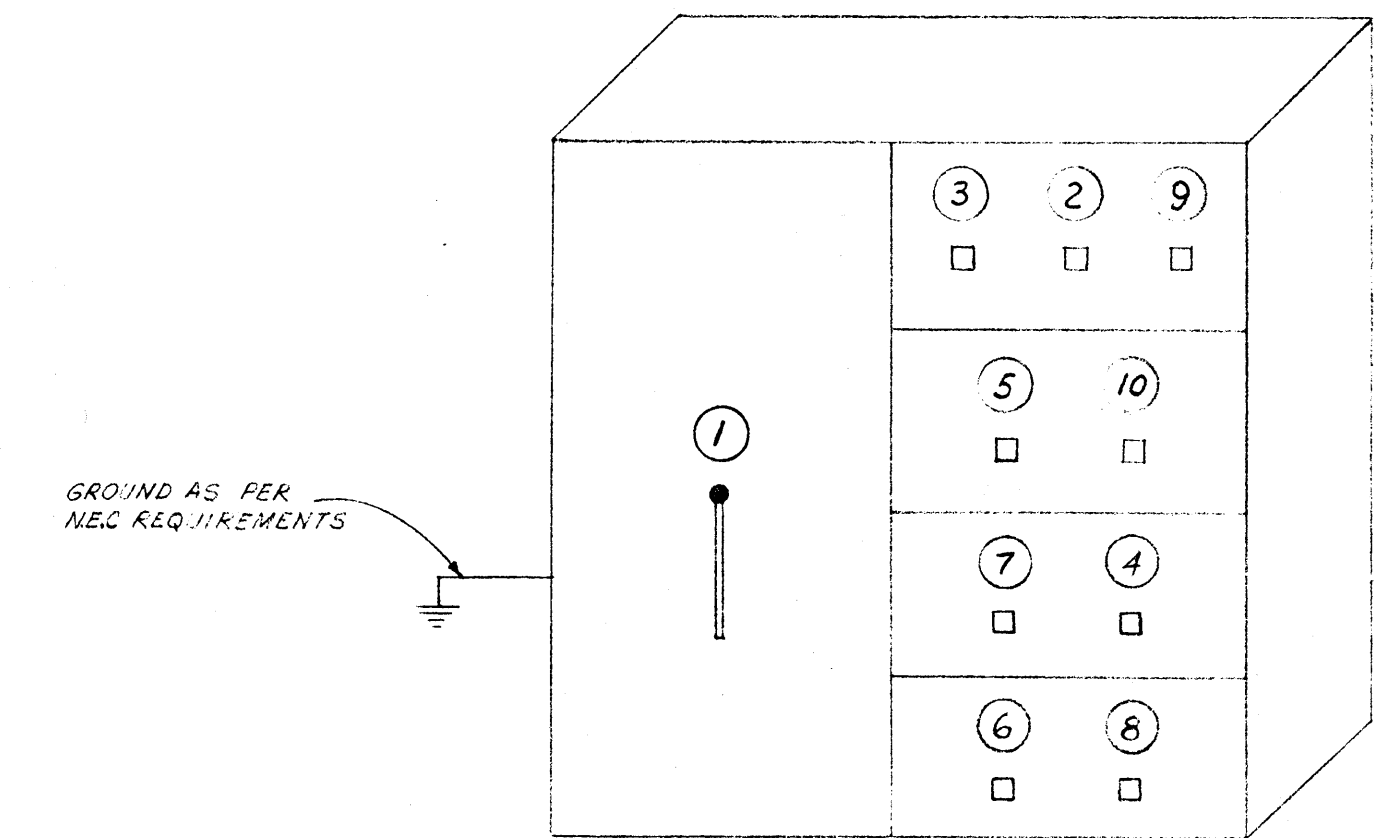
NO SCALE

MAIN SWITCHBOARD SCHEDULE					
MARK	FDR. NO.	POLES	FRAME	TRIP	REMARKS
①	MAIN SWITCH	3	—	—	3-POLE, 4000 AMP. LOAD BREAK SWITCH WITH 4000 AMP. CURRENT LIMITING FUSES
②	1	3	HF	30A	CLOCK & PROGRAM SYSTEM TRANSMITTER
③	2	3	HF	50A	PANEL "EX" TO LINE SIDE OF MAIN SW.
④	3	3	MA	800A.	PANEL "DA"
⑤	4	3	LA	300A.	PANEL "DB"
⑥	5	3	PA	1200A.	PANEL "DC"
⑦	6	3	MA	800A.	PANEL "DD"
⑧	7	3	LM	1000A.	PANEL "DE"
⑨	—	3	HF	—	SPACE ONLY
⑩	—	3	HK	—	DO —



ELECTRICAL RISER DIAGRAM

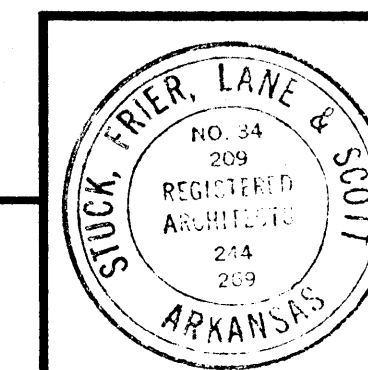
NO SCALE



MAIN SWITCHBOARD

NO SCALE

NOTE:
MAIN SERVICE ENTRANCE & FEEDER CONDUITS SHALL HAVE TYPE THHN INSULATION.



DATE: 6-21-66
DRAWN BY: I. L. T.
CHECKED BY: W. B. T.
REVISIONS:

LABORATORY SCIENCES BUILDING
ARKANSAS STATE COLLEGE
JONESBORO, ARKANSAS
PROJECT NO. ARK. 5-1479
STUCK, FRIER, LANE & SCOTT, INC., ARCHITECTS
601 SOUTHWEST DRIVE • JONESBORO, ARKANSAS

SHEET NUMBER
E 12
COMMISSION NUMBER
43066

PANELBOARD SCHEDULE

Table with columns: PANEL, LOCATION, TYPE, MOUNTING, SYSTEM, VOLTAGE, MAINS, MAIN BKR., BRANCH CIRCUITS, REMARKS. Rows include A through EX, detailing electrical panel configurations.

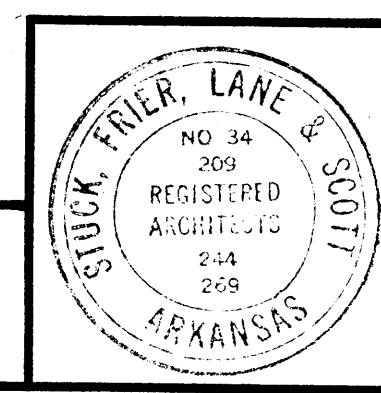
LIGHTING FIXTURE SCHEDULE

Table with columns: SYMBOL, DESCRIPTION, TYPE, LAMP, FINISH, MOUNTING, REMARKS. Rows include A through PP, detailing lighting fixture specifications.

LEGEND

Table with columns: SYMBOL, DESCRIPTION. Lists symbols for lighting fixtures, switches, receptacles, and other electrical components.

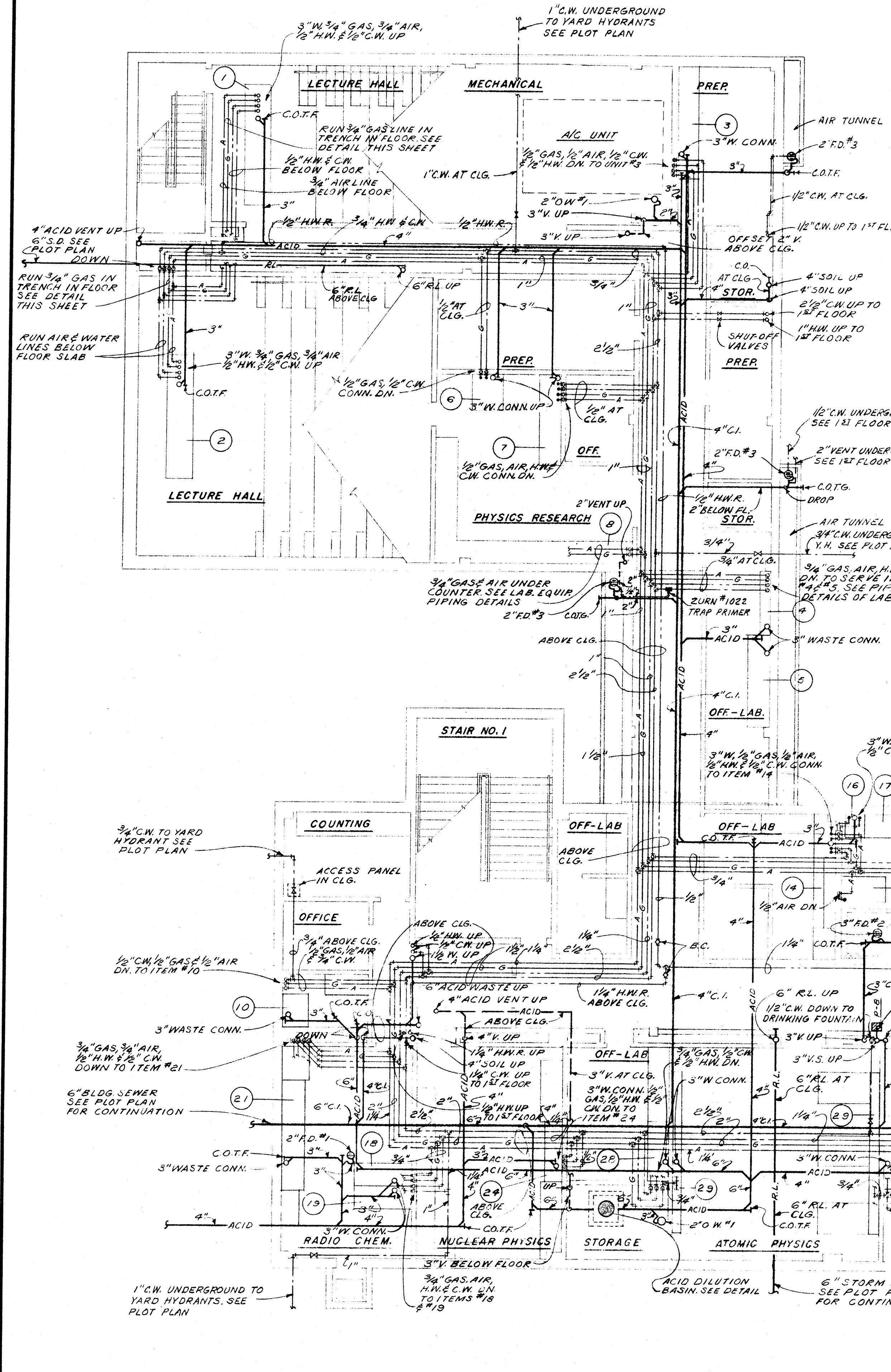
NOTE: PROVIDE & INSTALL FLUORESCENT FIXTURE SUPPORTS EQUAL TO UNISTRUT P-100 SERIES CHANNEL WHERE NECESSARY TO MAINTAIN EVEN HANGERS...



DATE 6-21-66
DRAWN BY I.L.T.
CHECKED BY W.B.T.
REVISIONS

LABORATORY SCIENCES BUILDING
PROJECT NO. ARK. 5-1479
STUCK, FRIER, LANE & SCOTT, INC., ARCHITECTS
601 SOUTHWEST DRIVE • JONESBORO, ARKANSAS

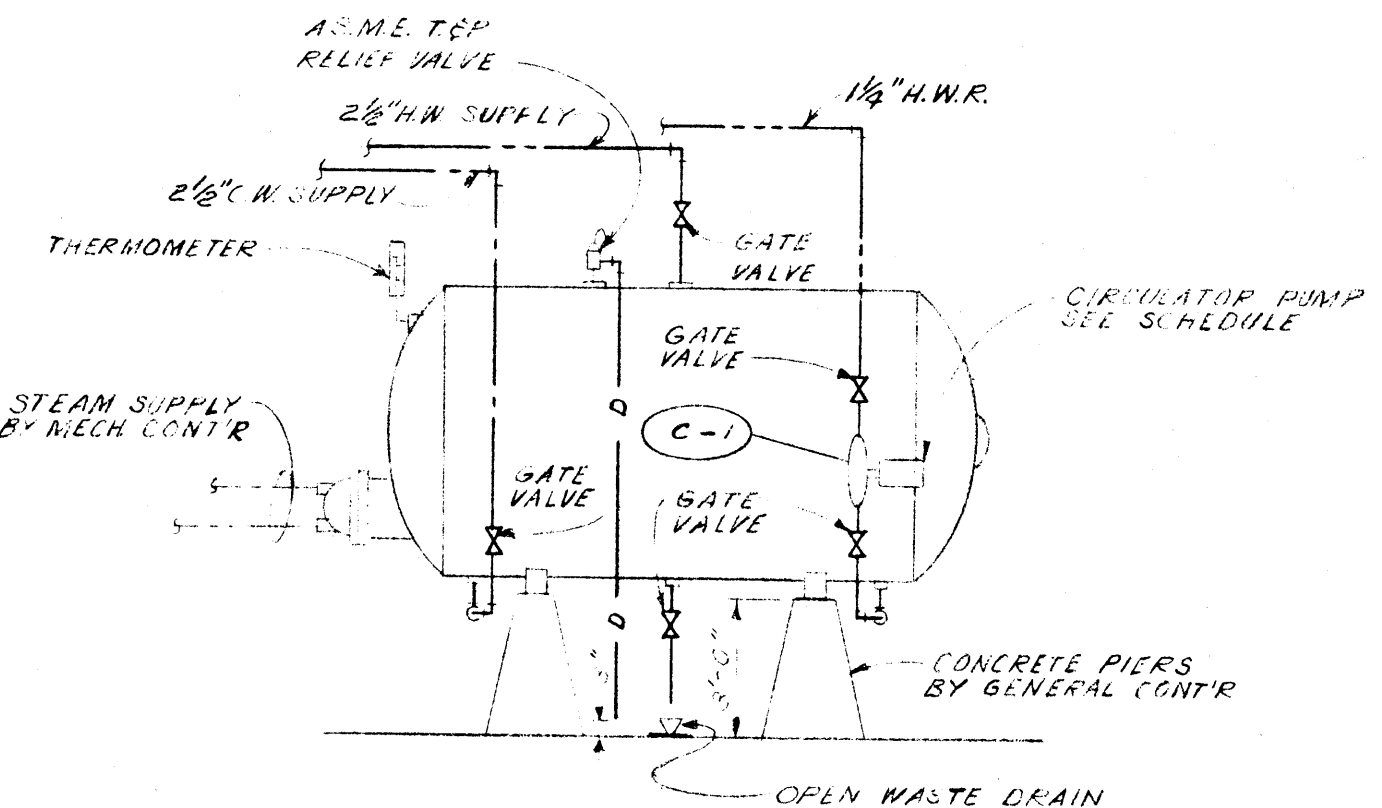
SHEET NUMBER
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13
COMMISSION NUMBER
43066



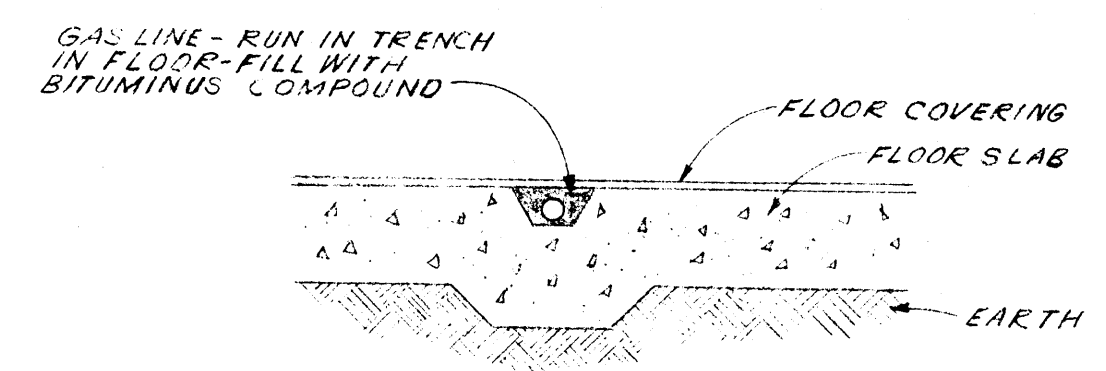
FLOOR DRAIN SCHEDULE			
MARK	BODY	STRAINER OR GRATE	REMARKS
FD#1	C.I.	6" N.B.	WADE # W-1100 OR EQUAL WITH CLAMPING LEVIE
FD#2	C.I.	C.I.	WADE # W-1400 OR EQUAL
FD#3	C.I.	C.I.	WADE # 1100 OR EQUAL WITH 1/2" TRAP PRIMER CONN.
OW#1	C.I.	6" POLISHED BRASS FUNNEL	WADE # 1100-EF OR EQUAL

PLUMBING FIXTURE SCHEDULE							
MARK	DESCRIPTION	SOIL	WASTE	VENT	H.W.	C.V.	REMARKS
P-1	WATER CLOSET	4"	—	2"	—	1"	
P-2	WATER CLOSET	4"	—	2"	—	1"	
P-3	WATER CLOSET	4"	—	2"	—	1"	
P-4	WATER CLOSET	4"	—	2"	—	1"	
P-5	URINAL	2"	—	1/2"	—	3/8"	
P-6	LAVATORY	—	1/2"	1/2"	1/2"	1/2"	
P-7	SERVICE SINK	—	3"	1/2"	1/2"	1/2"	
P-8	ELEC. DRINKING FOUNTAIN	—	1/2"	1/2"	—	1/2"	
P-9	COUNTER TOP SINK	—	1/2"	1/2"	1/2"	1/2"	

SUMP PUMP SCHEDULE				
MARK	G.P.M.	HEAD	MOTOR	REMARKS
SP-1	35 GPM EACH	30 FT	3/4 HP 208/3/60	DUPLEX



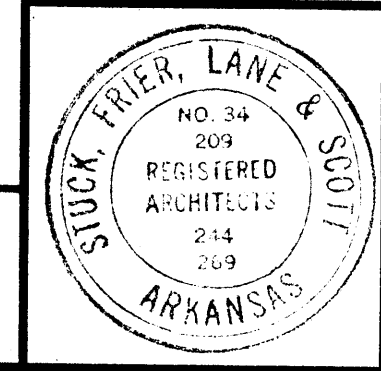
TYPICAL PIPING DETAIL AT H.W. GENERATOR
NO SCALE



DETAIL OF GAS LINE IN FLOOR TRENCH
NO SCALE

BASEMENT FLOOR PLAN
SCALE: 1/8" = 1'-0"

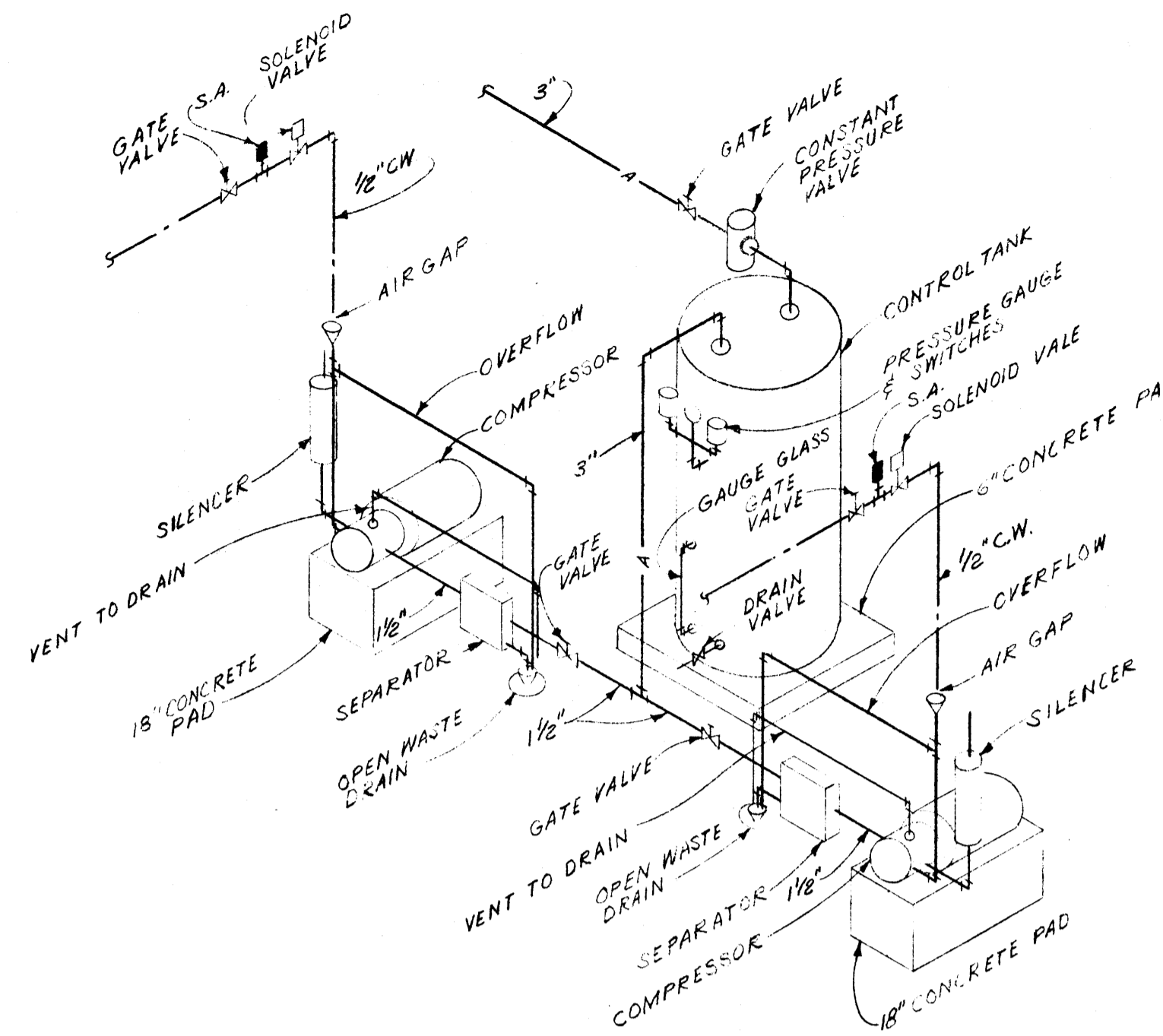
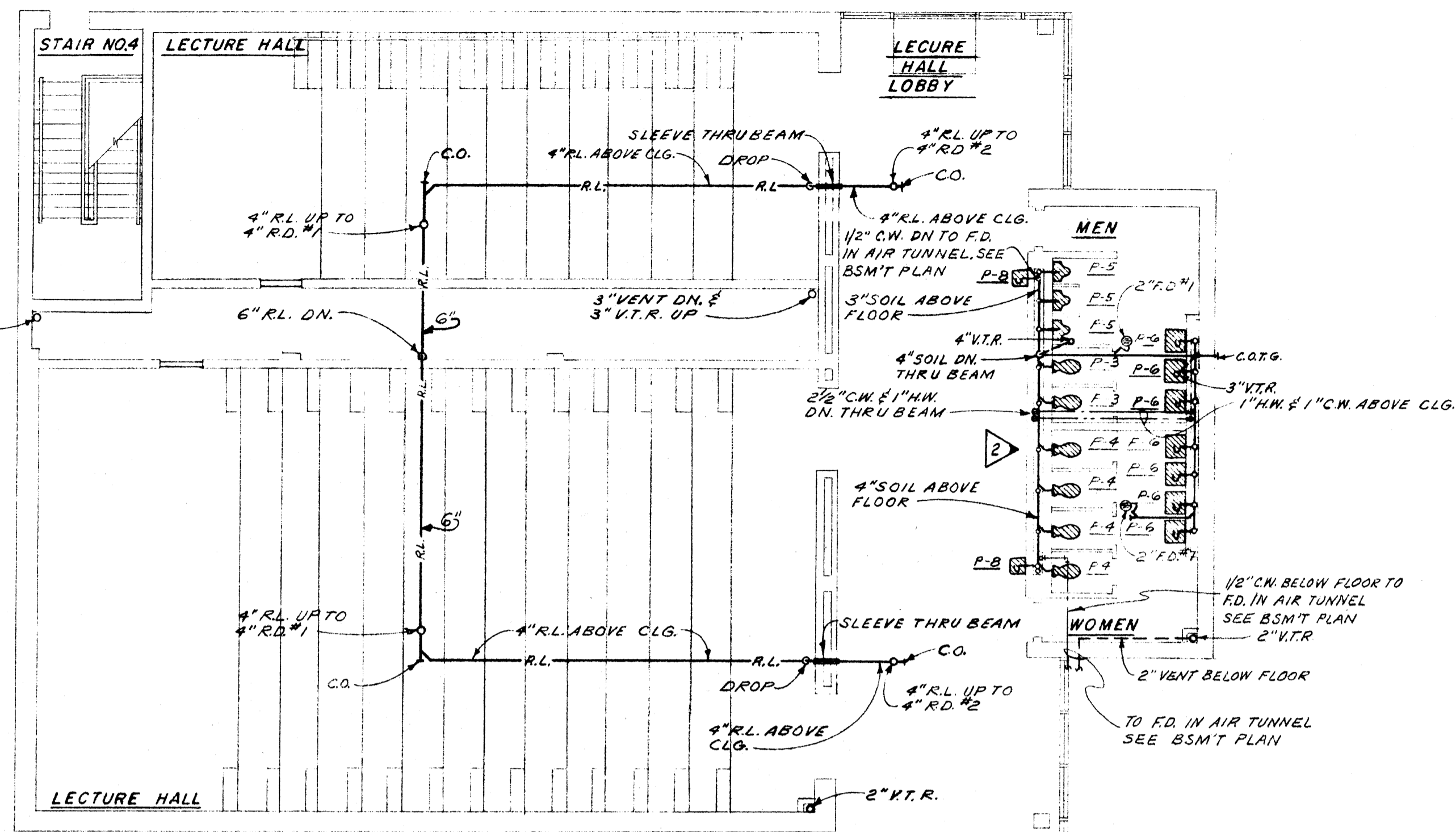
GENERAL NOTE:
ALL BRANCH LINES & VENT LINES ON THE ACID SYSTEM UPSTREAM OF THE ACID DILUTION BASIN SHALL BE ACID RESISTANT PIPING AS PER SPECS.



DATE: 6-21-66
DRAWN BY: D.F. & R.T.
CHECKED BY: W.B.T.
REVISIONS:

LABORATORY SCIENCES BUILDING
STATE COLLEGE
PROJECT NO. ARK. 5-1479
STUCK, FRIER, LANE & SCOTT, INC., ARCHITECTS
601 SOUTHWEST DRIVE • JONESBORO, ARKANSAS

SHEET NUMBER
P 1
43066

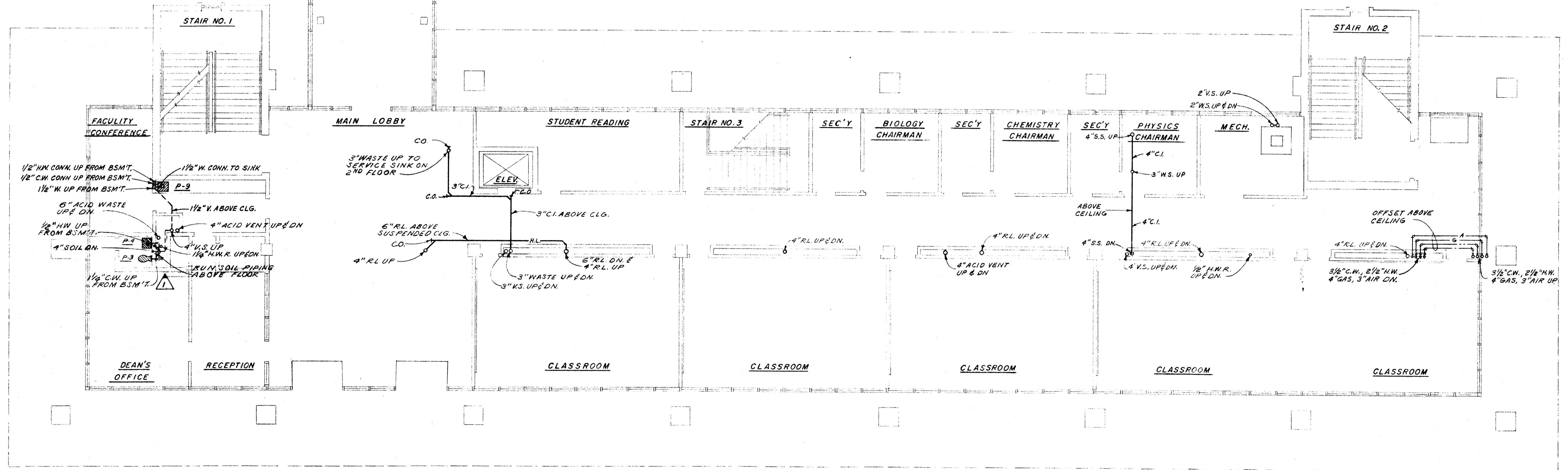


**SCHMATIC PIPING DETAIL
AT AIR COMPRESSOR UNIT**
NO SCALE

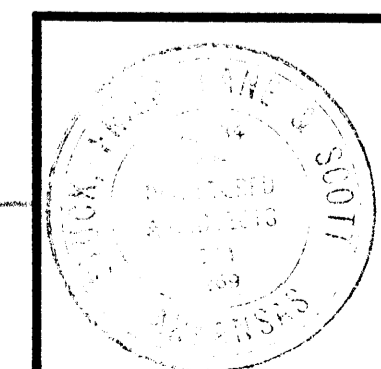
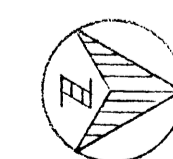
H.W. GENERATOR SCHEDULE				
MARK	STORAGE	RECOVERY	WORKING PRESSURE	REMARKS
HWS-1	330 GALLON (USABLE)	330 G.P.H. (90" - 140")	5 P.S.I. STEAM	

CIRCULATOR PUMP SCHEDULE				
MARK	HEAD	G.P.M.	MOTOR	REMARKS
C-1	12 FT.	10 G.P.M.	1/2 HP 115/1160	THRUSH OR EQUAL BRONZE IN-THE-LINE CIRCULATOR PUMP.

ROOF DRAIN SCHEDULE			
MARK	BODY	DOMES OR STRAINER	REMARKS
R.D.#1	C.I.	C.I.	ZURN#2-100E OR EQUAL
R.D.#2	C.I.	C.I.	ZURN#2-115-1E OR EQUAL
R.D.#3	C.I.	C.I.	ZURN#2-115-ERC OR EQUAL



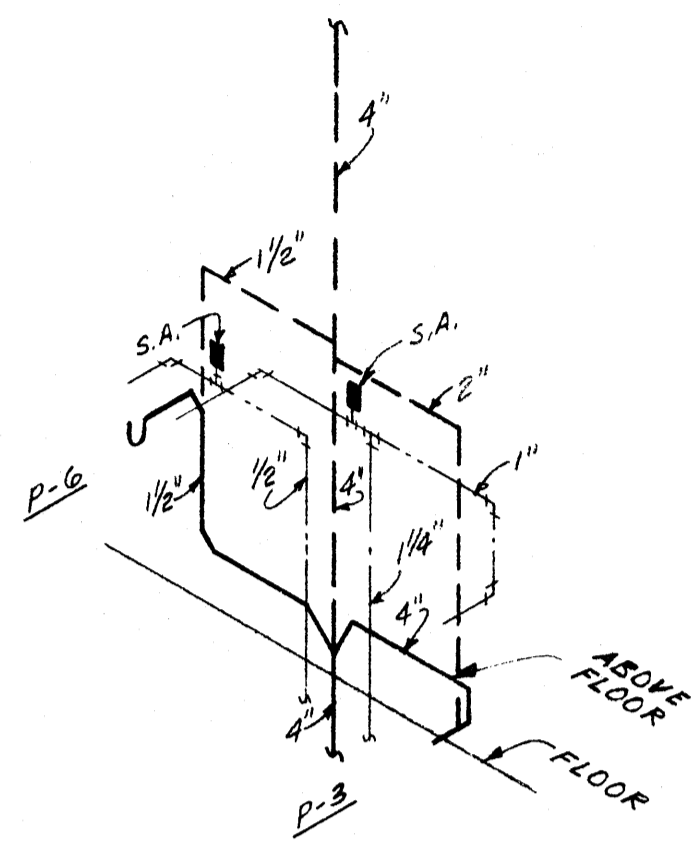
FIRST FLOOR PLAN
SCALE: 1/8" = 1'-0"



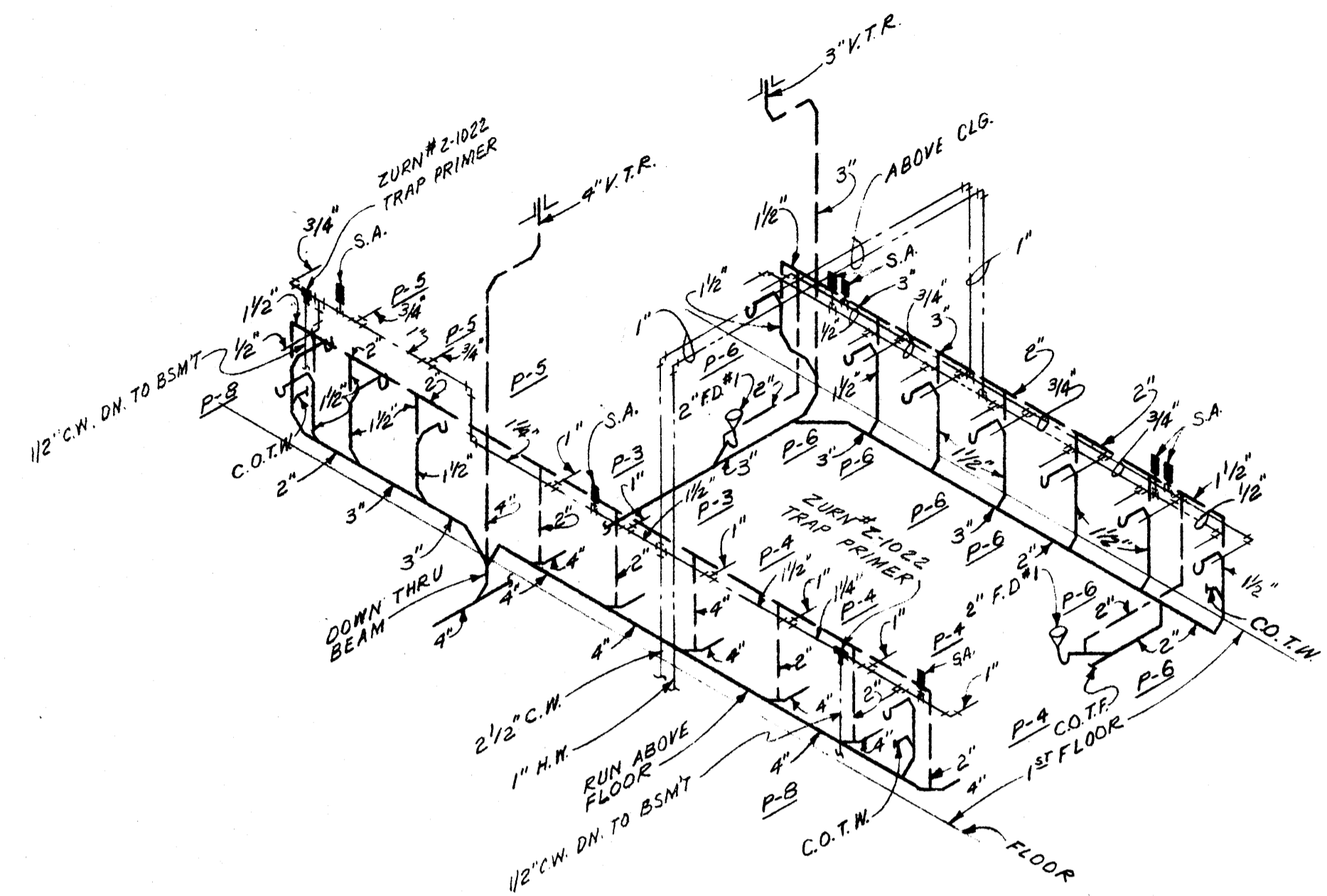
DATE: 6-21-66
DRAWN BY: W.B.T.
CHECKED BY: W.B.T.
REVISIONS:

LABORATORY SCIENCES BUILDING
ARKANSAS STATE COLLEGE
JONESBORO, ARKANSAS
PROJECT NO. ARK. 5-1479
STUCK, FRIER, LANE & SCOTT, INC., ARCHITECTS
601 SOUTHWEST DRIVE • JONESBORO, ARKANSAS

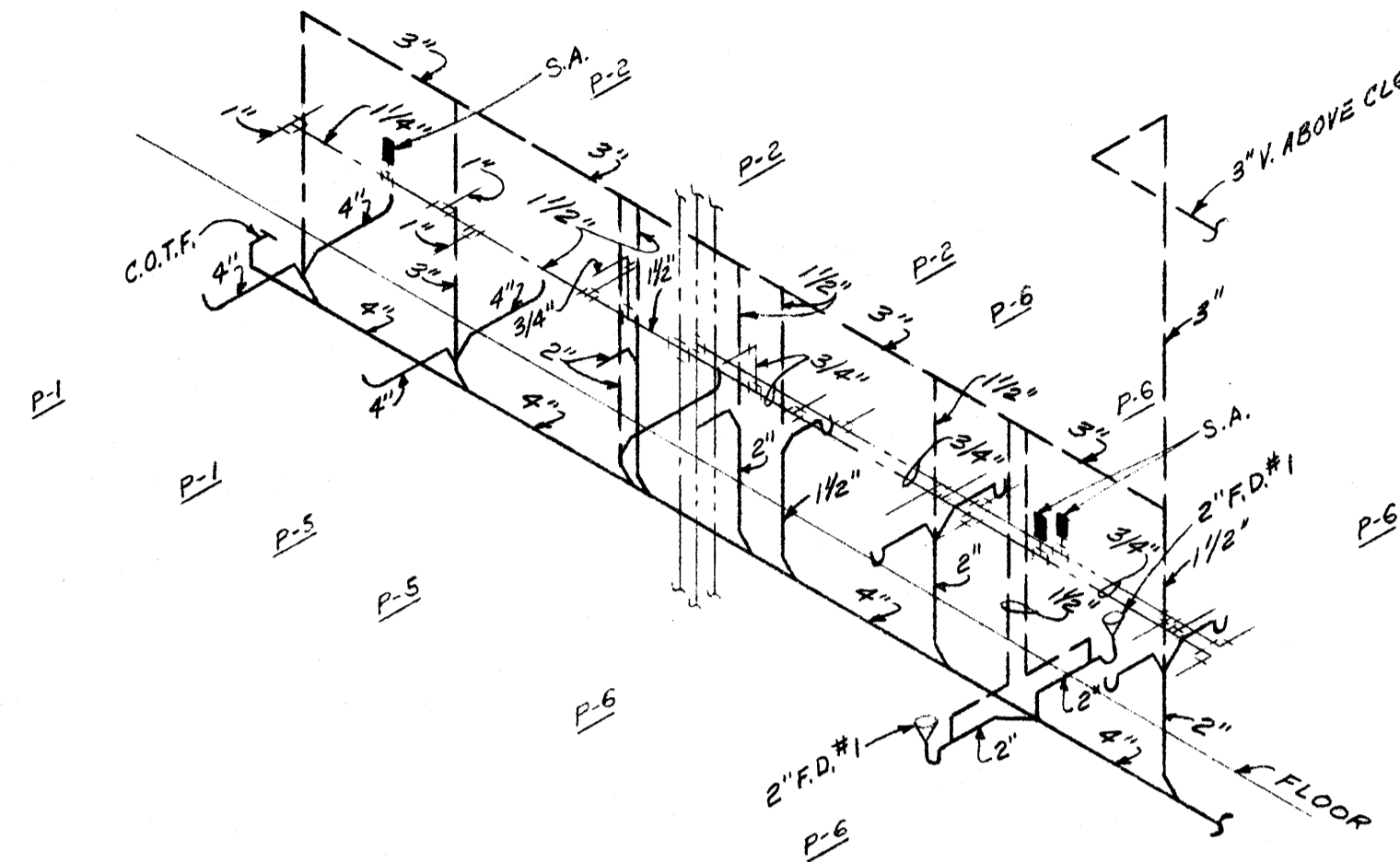
SHEET NUMBER
P 2
COMMISSION NUMBER
43066



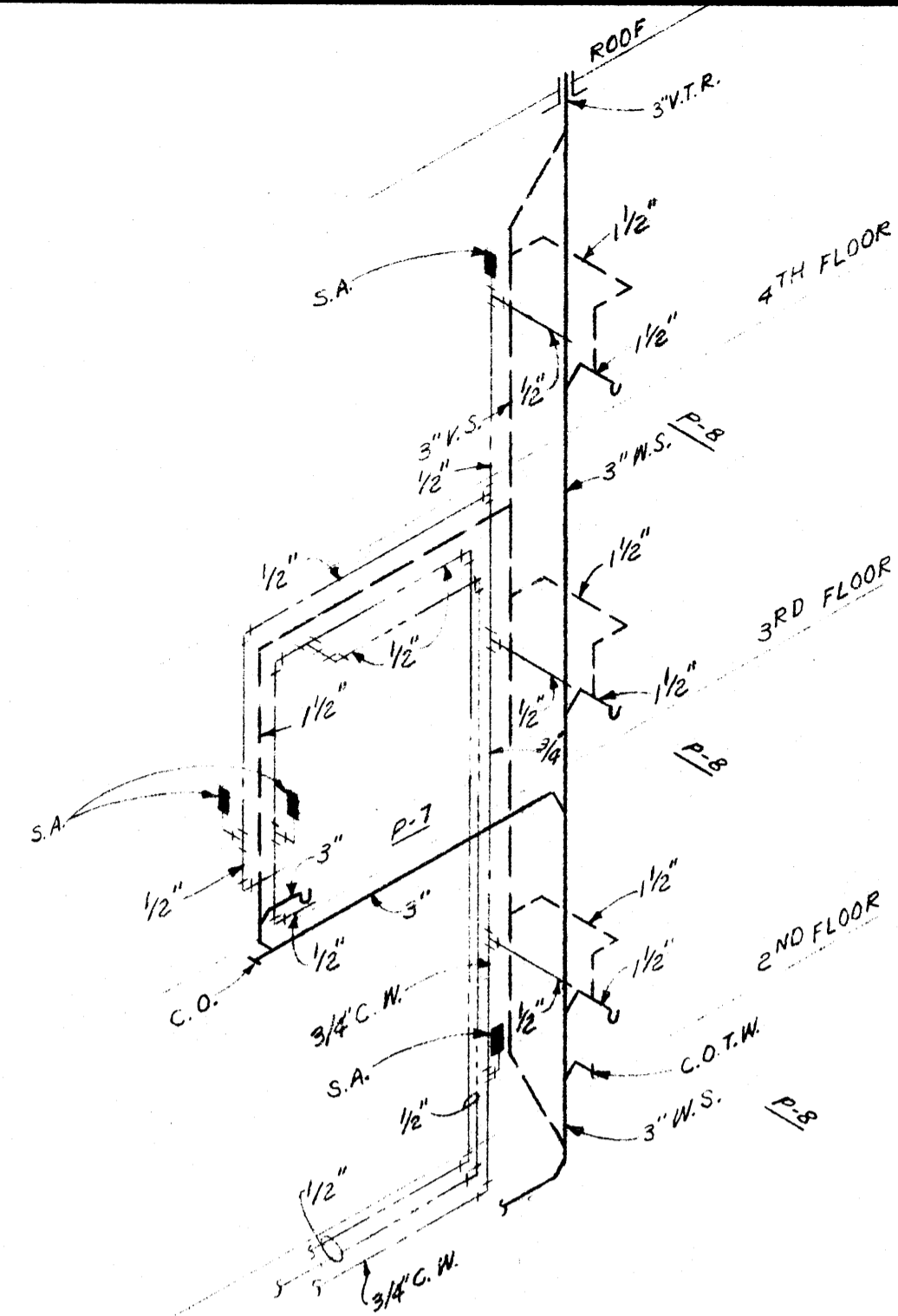
RISER NO. 1
NO SCALE



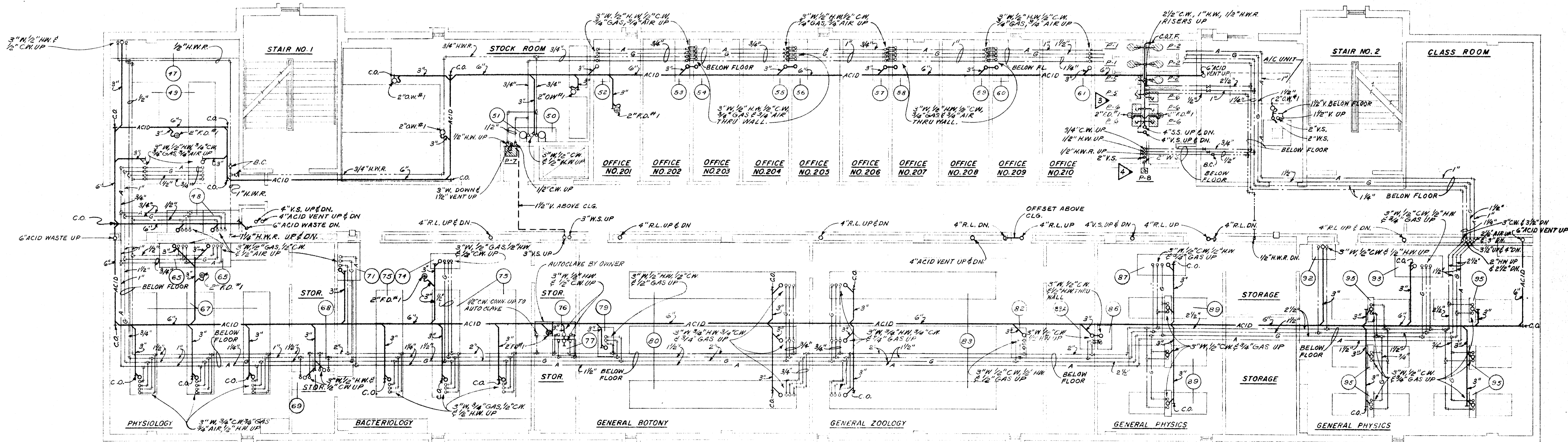
RISER NO. 2
NO SCALE



RISER NO. 3
NO SCALE



RISER NO. 4
NO SCALE

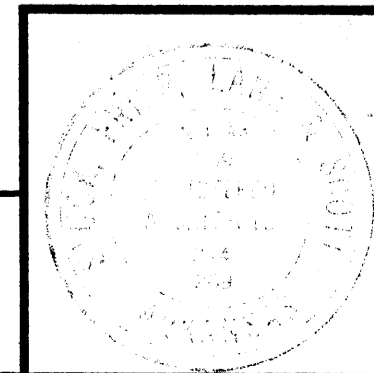
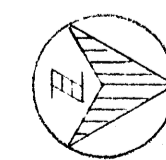


SECOND FLOOR PLAN

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

GENERAL NOTE:
ALL BRANCH LINES & VENT LINES ON THE ACID SYSTEM UPSTREAM OF THE ACID DILUTION BASIN SHALL BE ACID RESISTANT PIPING AS PER SPECS.

GENERAL NOTE:
ALL GAS, WATER, AIR, ACID WASTE & SANITARY WASTE LINES SHOWN ON THIS FLOOR PLAN ARE BELOW THE FLOOR SLAB UNLESS NOTED OTHERWISE.



DATE	6-21-66
DRAWN BY	D.F.B.R.T.
CHECKED BY	W.B.T.
REVISIONS	

LABORATORY SCIENCES BUILDING
ARKANSAS STATE COLLEGE
JONESBORO, ARKANSAS
PROJECT NO. ARK. 5-1479

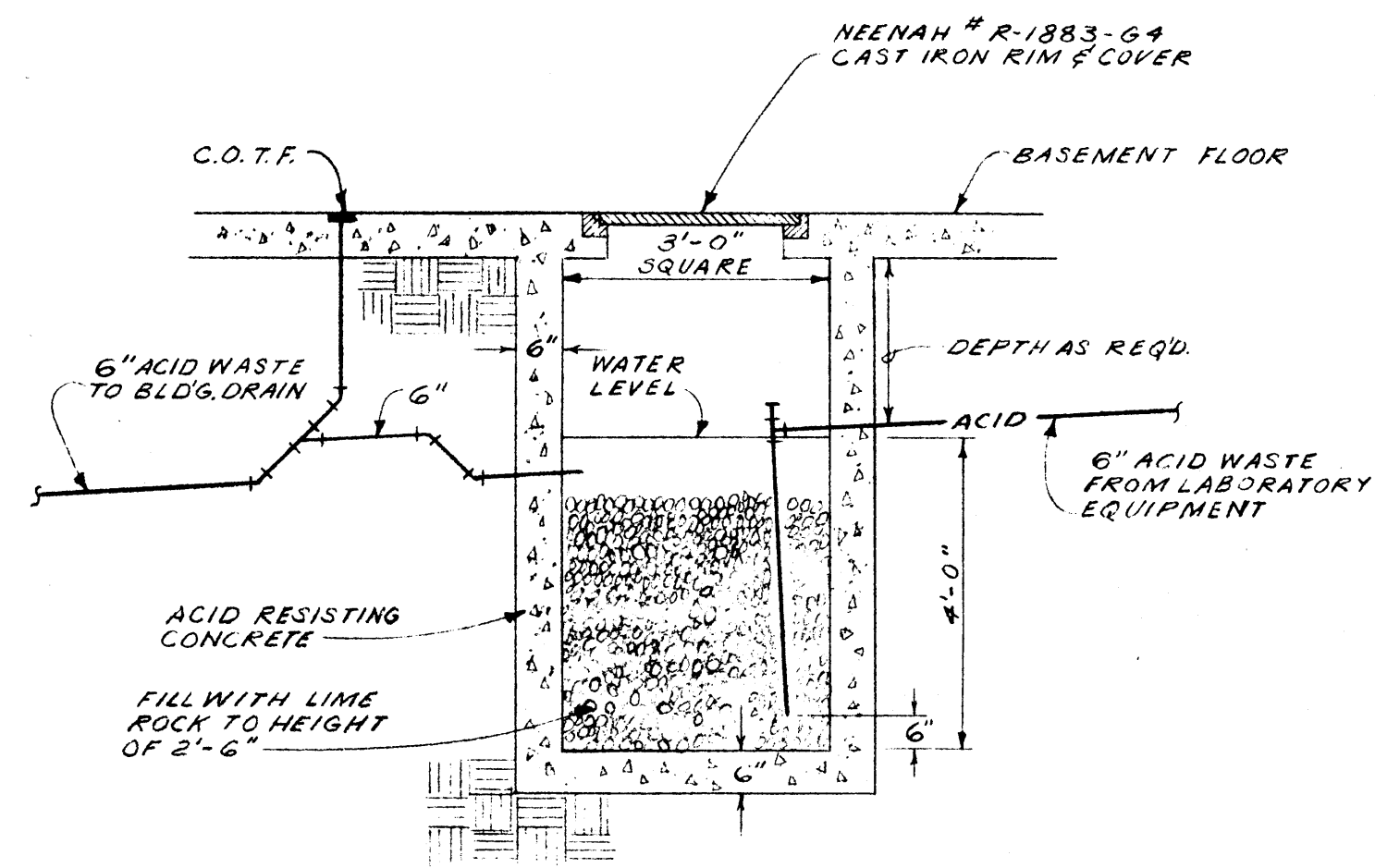
STUCK, FRIER, LANE & SCOTT, INC., ARCHITECTS
601 SOUTHWEST DRIVE • JONESBORO, ARKANSAS

SHEET NUMBER
P 3
COMMISSION NUMBER
43066

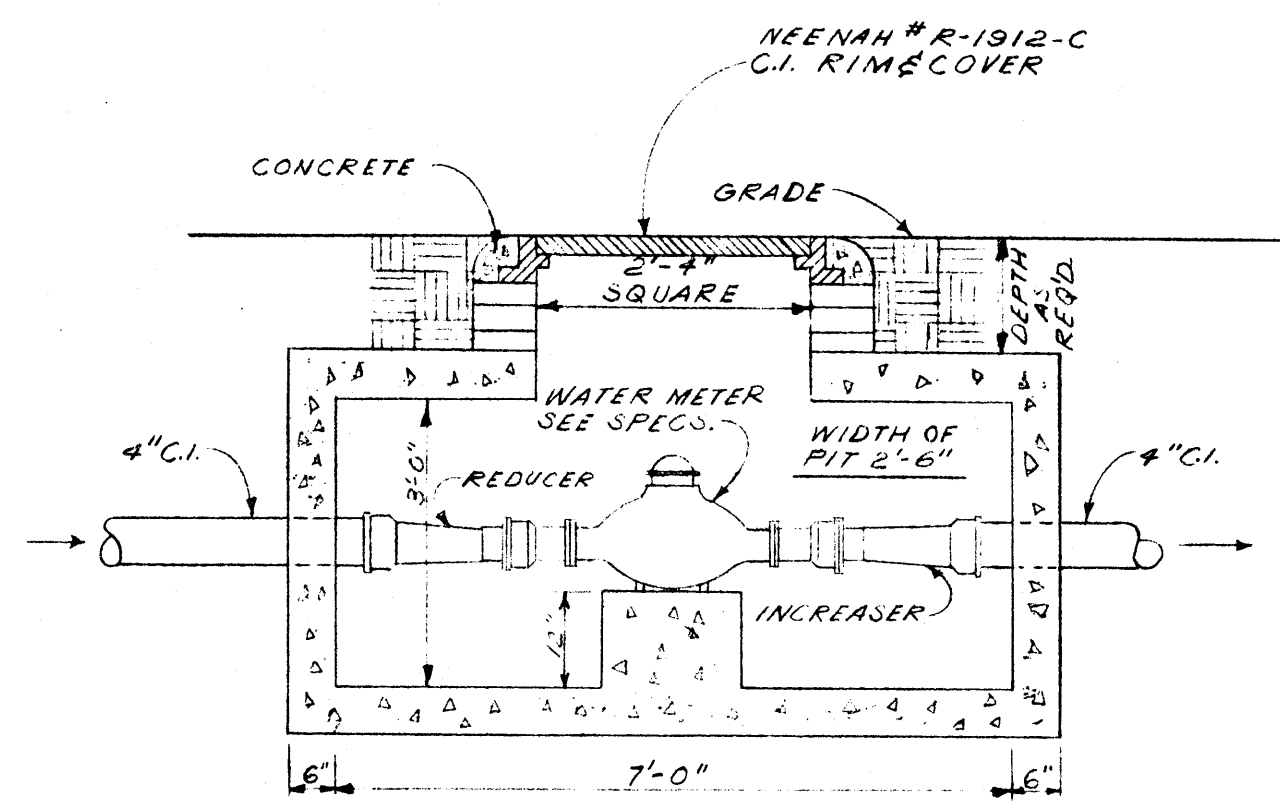
AREA DRAIN SCHEDULE			
MARK	BODY	GRATE OR STRAINER	REMARKS
A.D.#1	C.I.	C.I.	WADE#W-1440 OR EQUAL

LEGEND

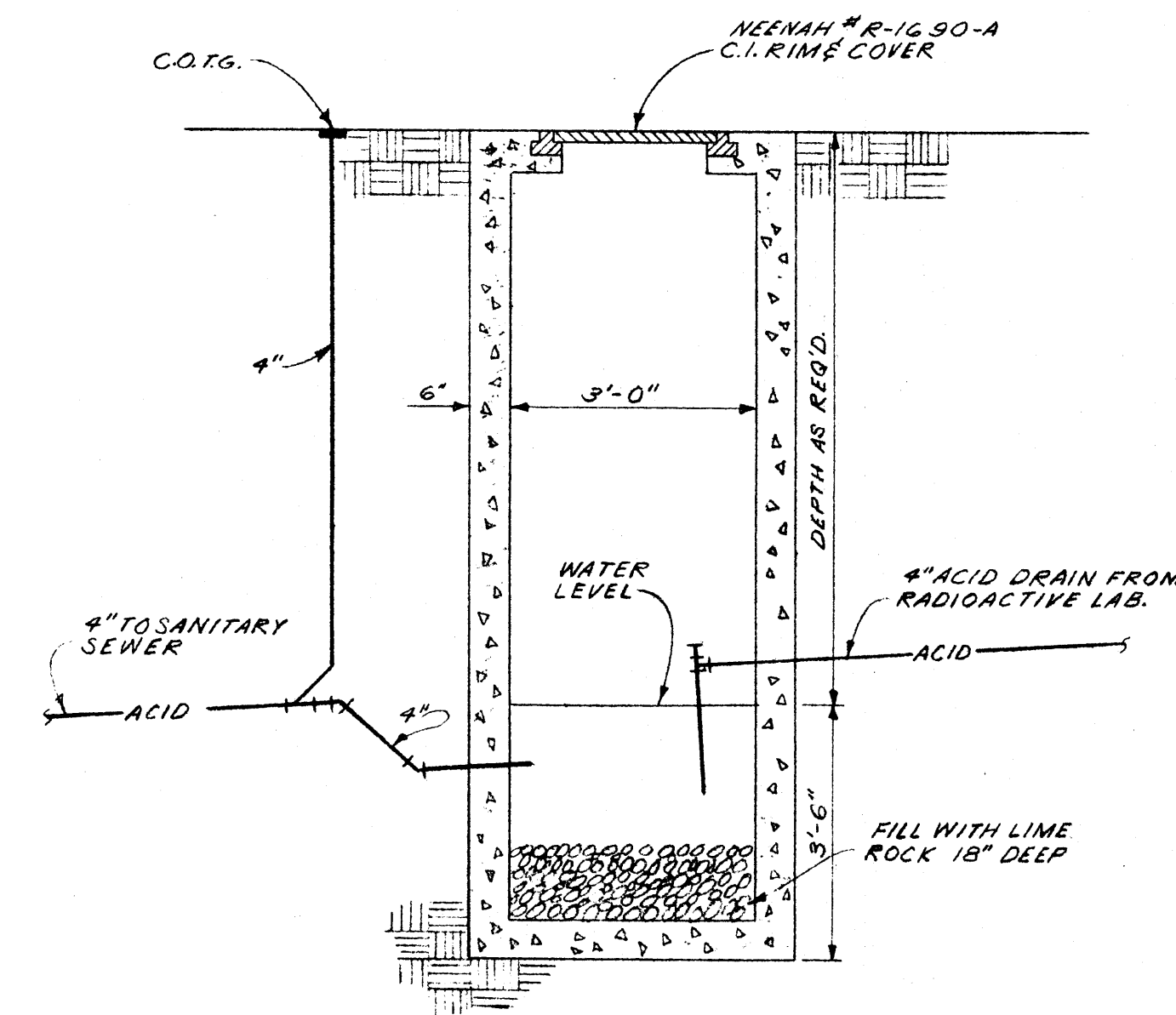
- | | | |
|-------------------------|------------------------------|----------------------|
| — WASTE OR SOIL LINE | A.D. | AREA DRAIN |
| — ACID WASTE LINE | O.M. | OPEN WASTE |
| — VENT LINE | B.C. | BALANCING COCK |
| — ACID VENT LINE | D.F. | DRINKING FOUNTAIN |
| — COLD WATER LINE | Y.H. | YARD HYDRANT |
| — HOT WATER LINE | CONN. | CONNECTION |
| — HOT WATER RETURN LINE | CLG. | CEILING |
| — G | V.T.R. | VENT THRU ROOF |
| — A | S.S. | SOIL STACK |
| — C | C.I. | CAST IRON |
| — R.L. | C.D.T.F. | CLEAN-OUT THRU WALL |
| — S.D. | C.D.T.F. | CLEAN-OUT THRU FLOOR |
| — W | K.S. | VENT STACK |
| — C.W. | INDICATES RISER NO. | |
| — H.W. | INDICATES LAB. FURNITURE NO. | |
| — H.W.R. | 95 | |
| — S.A. | C.O.T.G. | CLEAN-OUT TO GRADE |
| — F.D. | | |
| — R.D. | | |
| — V | | |



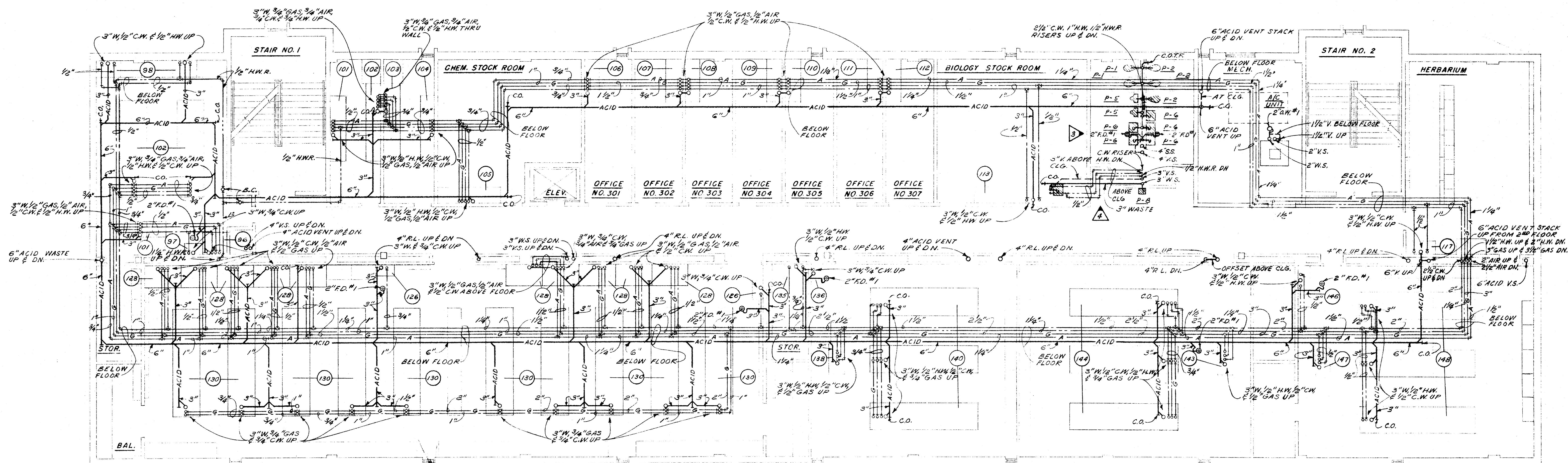
DETAIL OF ACID DILUTION BASIN
NO SCALE



WATER METER PIT DETAIL
NO SCALE



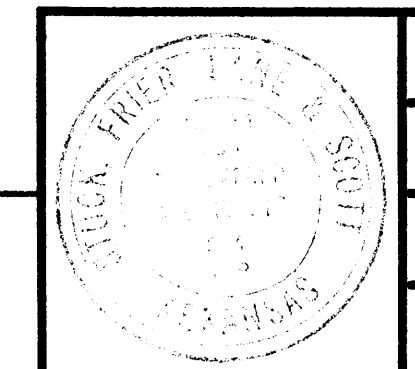
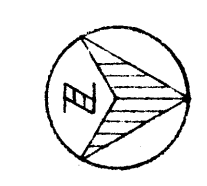
DETAIL OF RADIOACTIVE WASTE MEASURING BASIN
NO SCALE



THIRD FLOOR PLAN
SCALE: 1/8"=1'-0"

GENERAL NOTE:
ALL BRANCH LINES & VENT LINES ON THE ACID SYSTEM UPSTREAM OF THE ACID DILUTION BASIN SHALL BE ACID RESISTANT PIPING AS PER SPECS.

GENERAL NOTE:
ALL GAS, WATER, AIR, ACID WASTE & SANITARY WASTE LINES SHOWN ON THIS FLOOR PLAN ARE BELOW THE FLOOR SLAB UNLESS NOTED OTHER WISE.

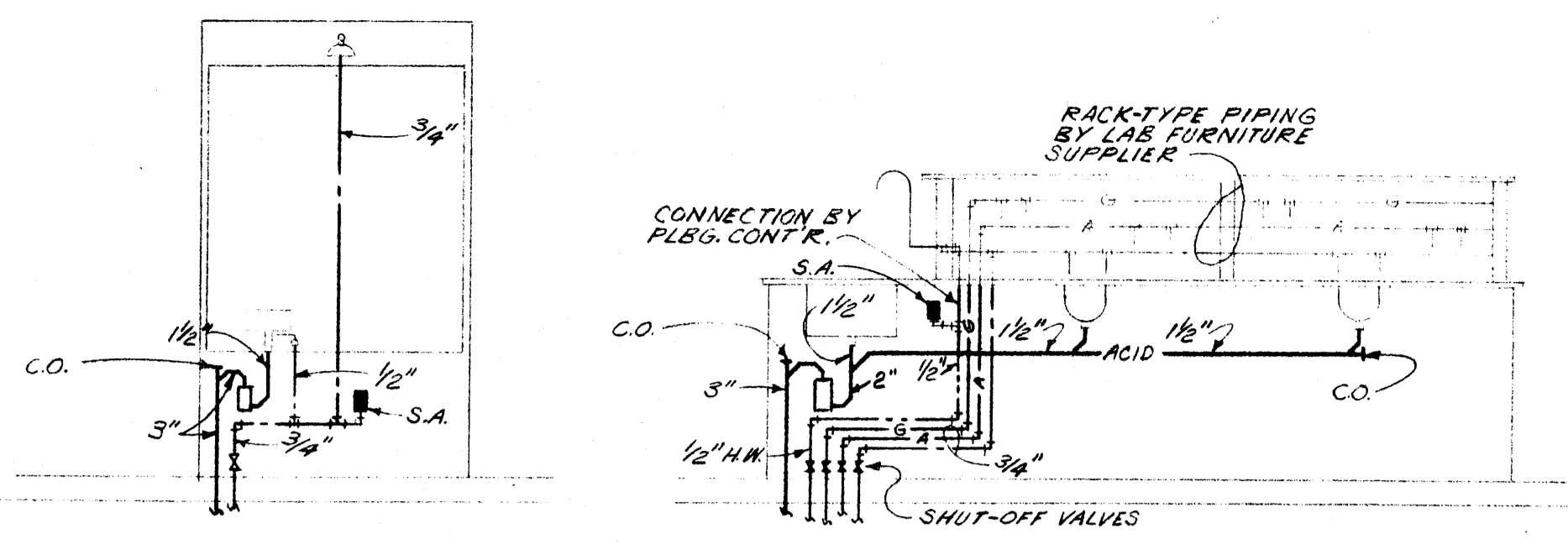


DATE	6-21-66
DRAWN BY	D.F. & R.T.
CHECKED BY	W.B.T.
REVISIONS	

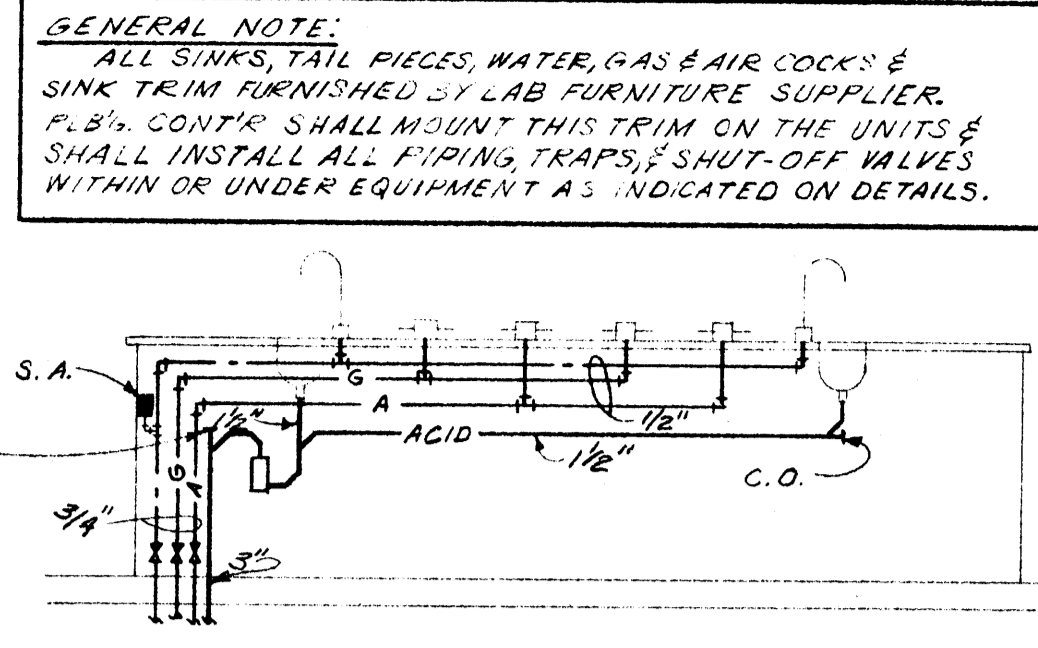
LABORATORY SCIENCES BUILDING
STATE COLLEGE
JONESBORO, ARKANSAS
PROJECT NO. FRK. 5-1479

STUCK, FRIER, LANE & SCOTT, INC., ARCHITECTS
601 SOUTHWEST DRIVE • JONESBORO, ARKANSAS

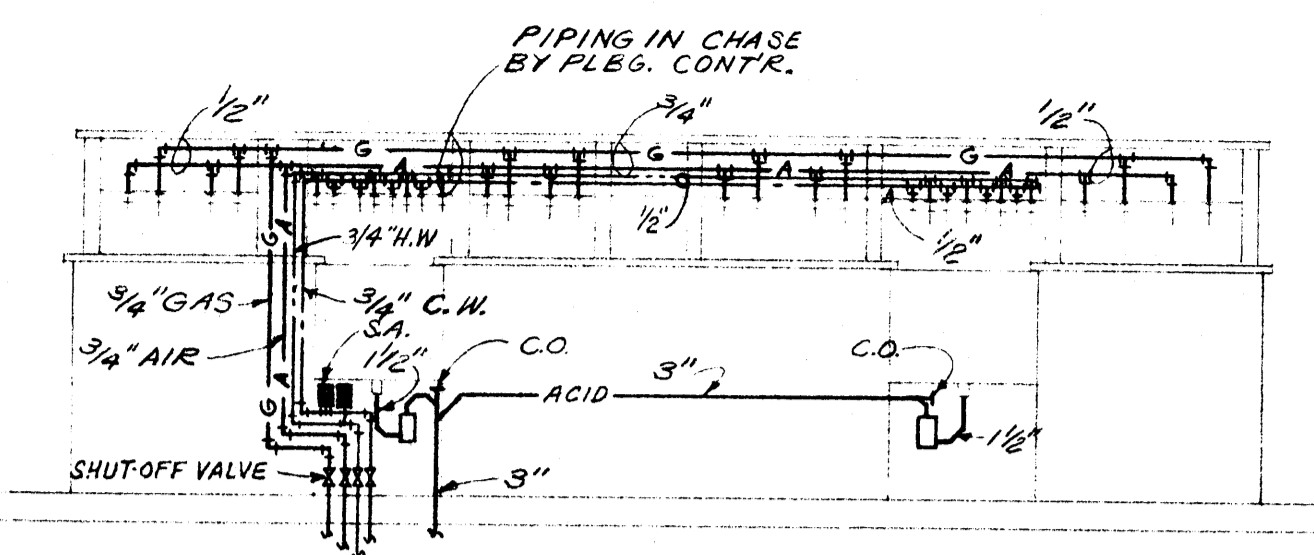
SHEET NUMBER
P 4
COMMISSION NUMBER
43066



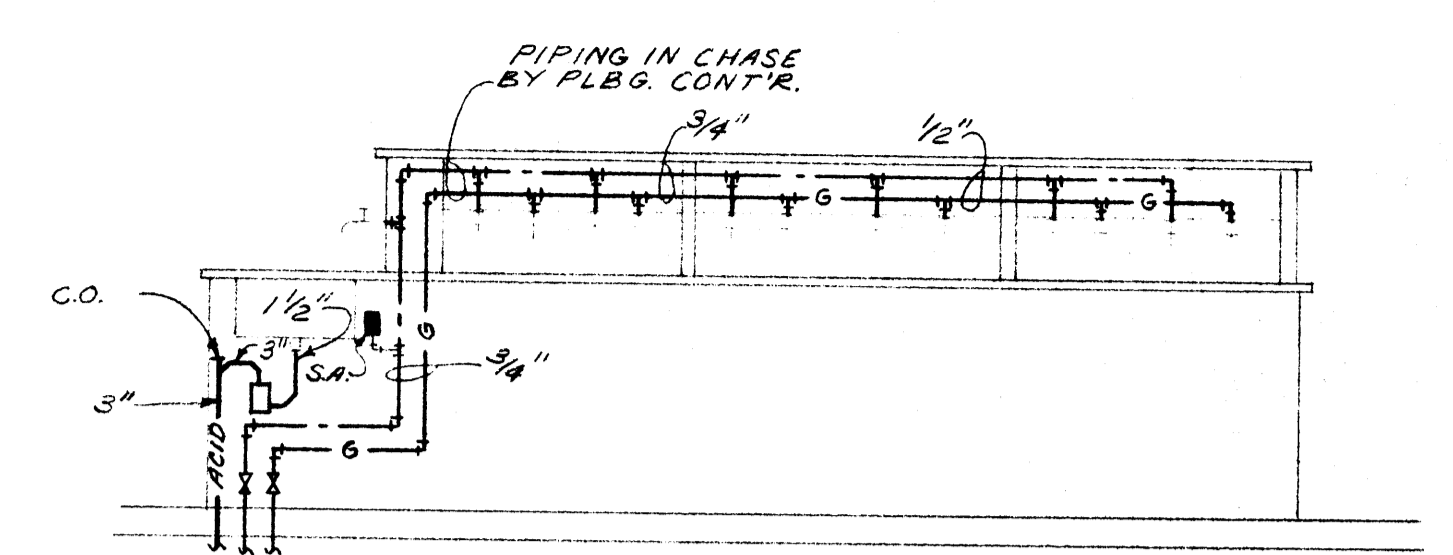
ITEM #97, #126, #136, #151, #167, #175, #191 AS SHOWN.



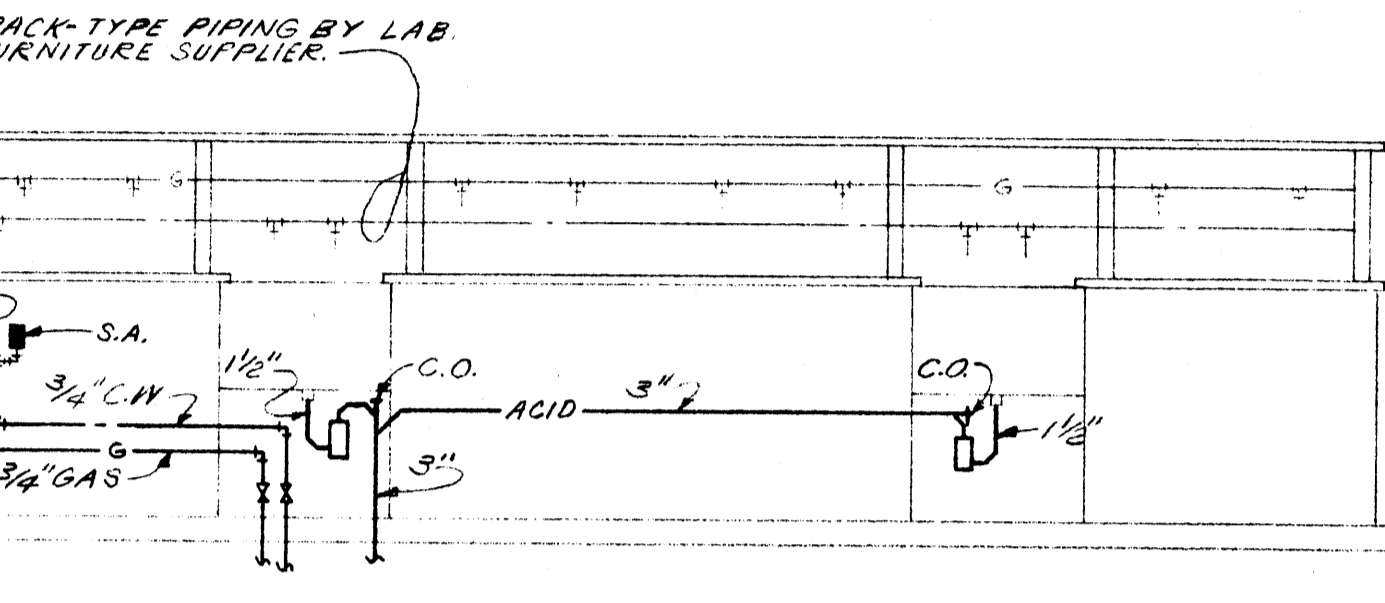
ITEM #164 & #193 AS SHOWN.



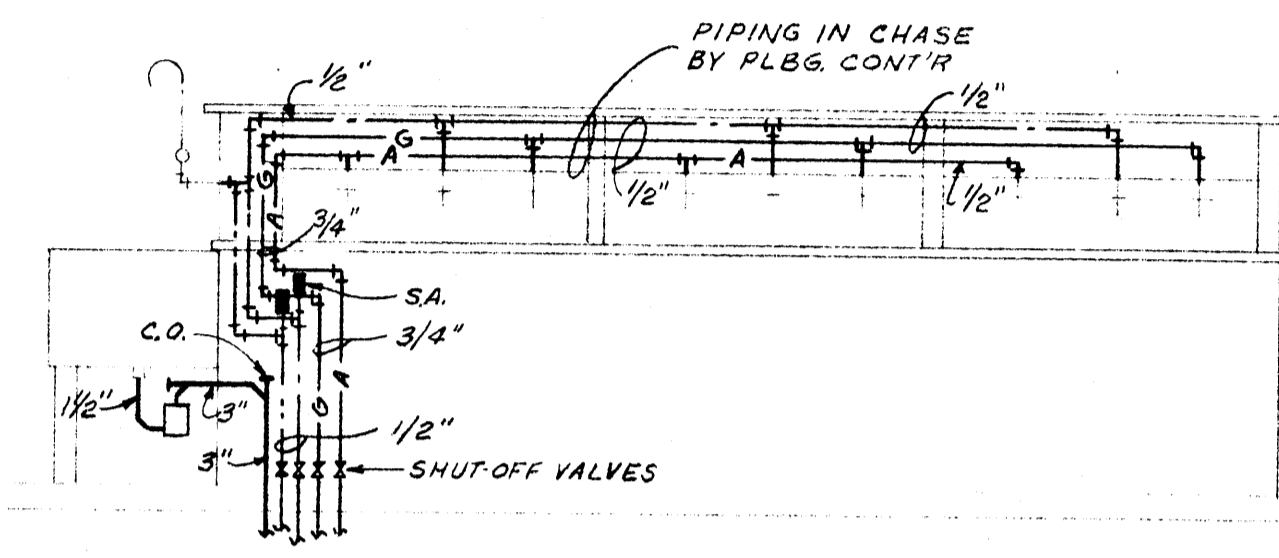
ITEM #170 AS SHOWN.



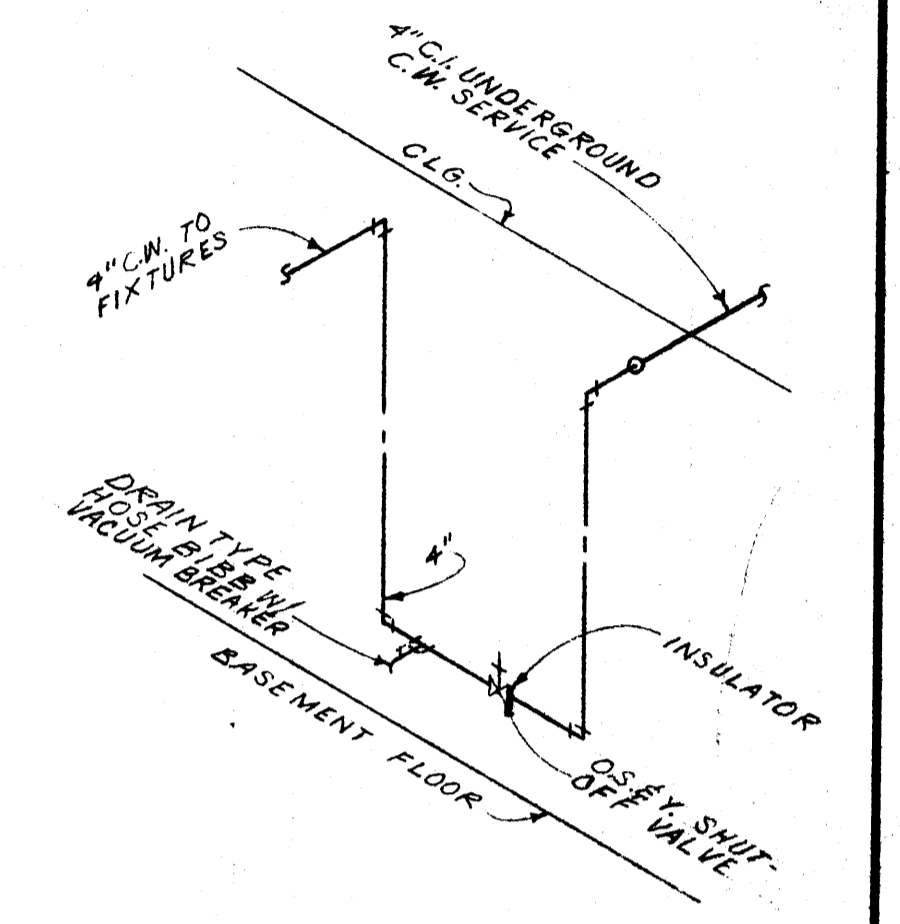
ITEM #177 AS SHOWN.



ITEM #192 AS SHOWN.

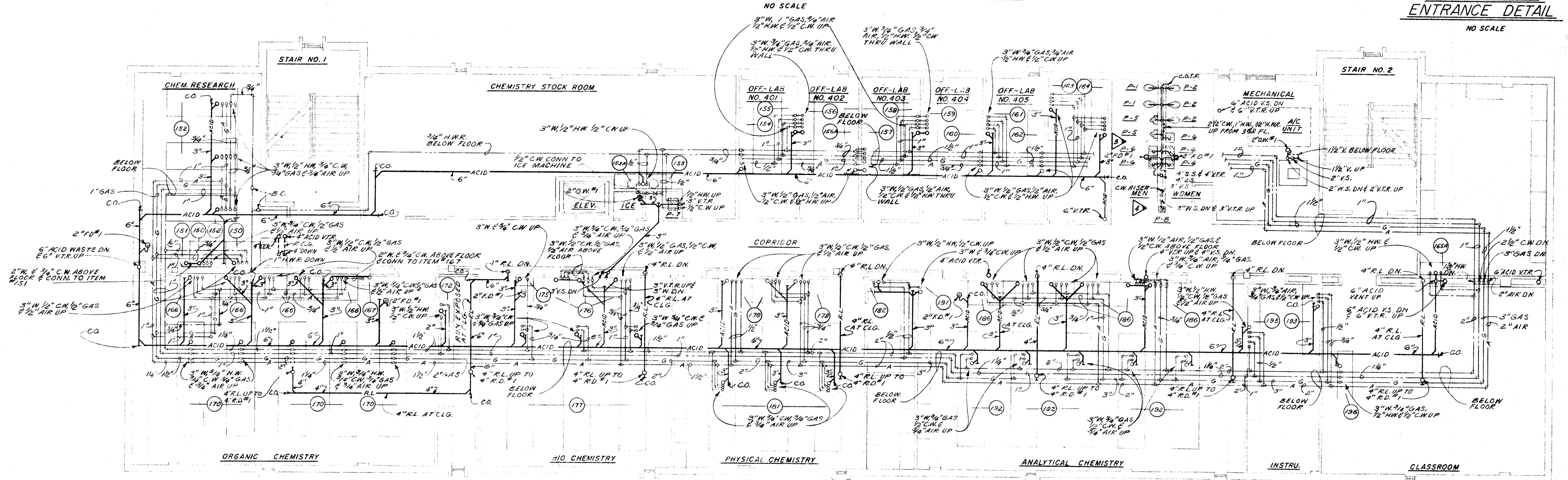


ITEM #3 AS SHOWN.



C.W. SERVICE ENTRANCE DETAIL
NO SCALE

PIPING DETAILS AT LABORATORY FURNITURE

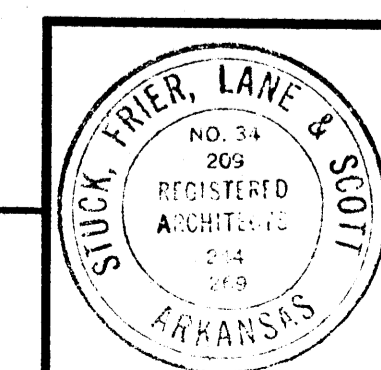


FOURTH FLOOR PLAN

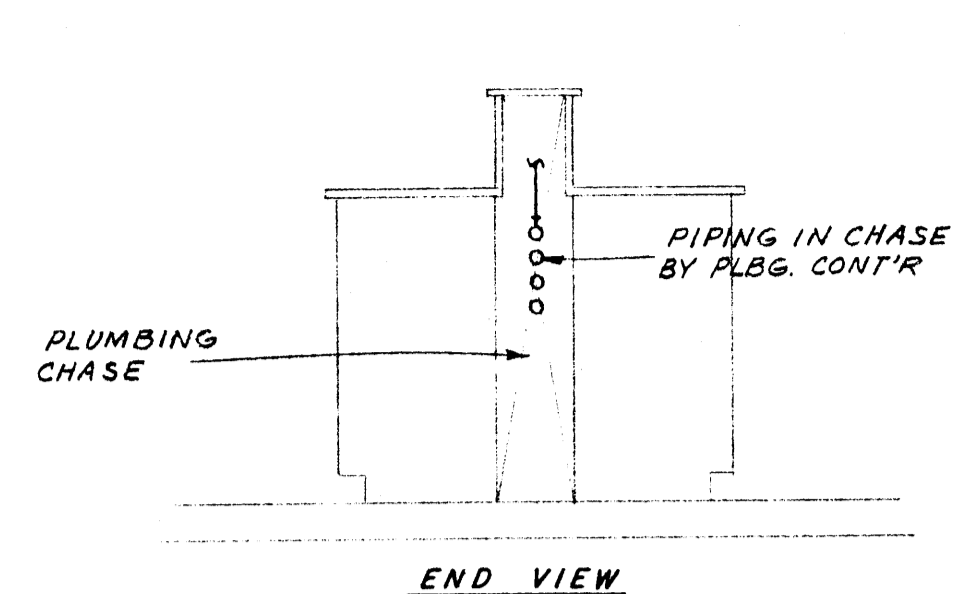
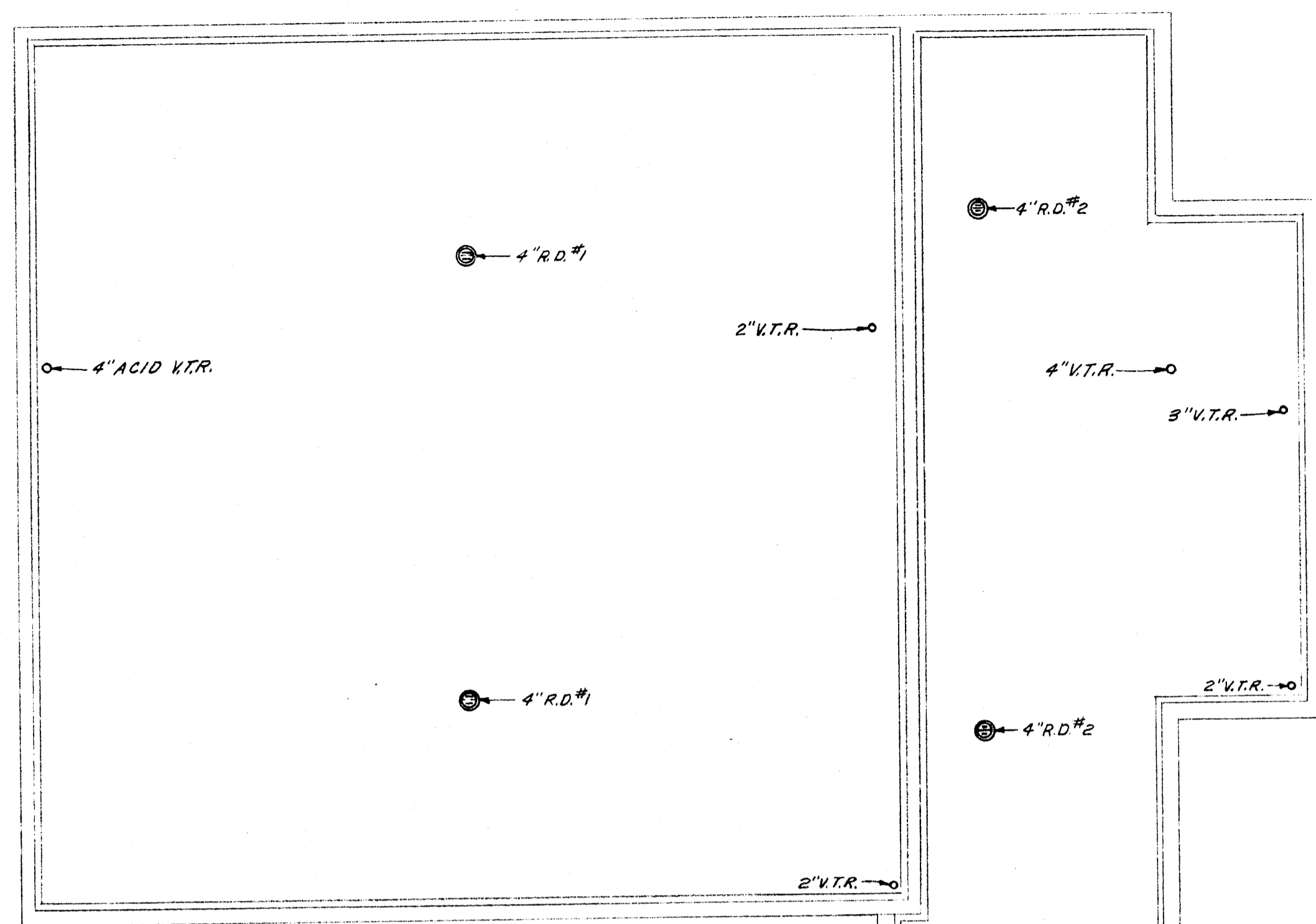
SCALE: 1/8" = 1'-0"

GENERAL NOTE:
ALL BRANCH LINES & VENT LINES ON THE ACID SYSTEM UPSTREAM OF THE ACID DILUTION BASIN SHALL BE ACID RESISTANT PIPING AS PER SPECS.

GENERAL NOTE:
ALL GAS, WATER, AIR, ACID WASTE & SANITARY WASTE LINES SHOWN ON THIS FLOOR PLAN ARE BELOW THE FLOOR SLAB UNLESS NOTED OTHERWISE.

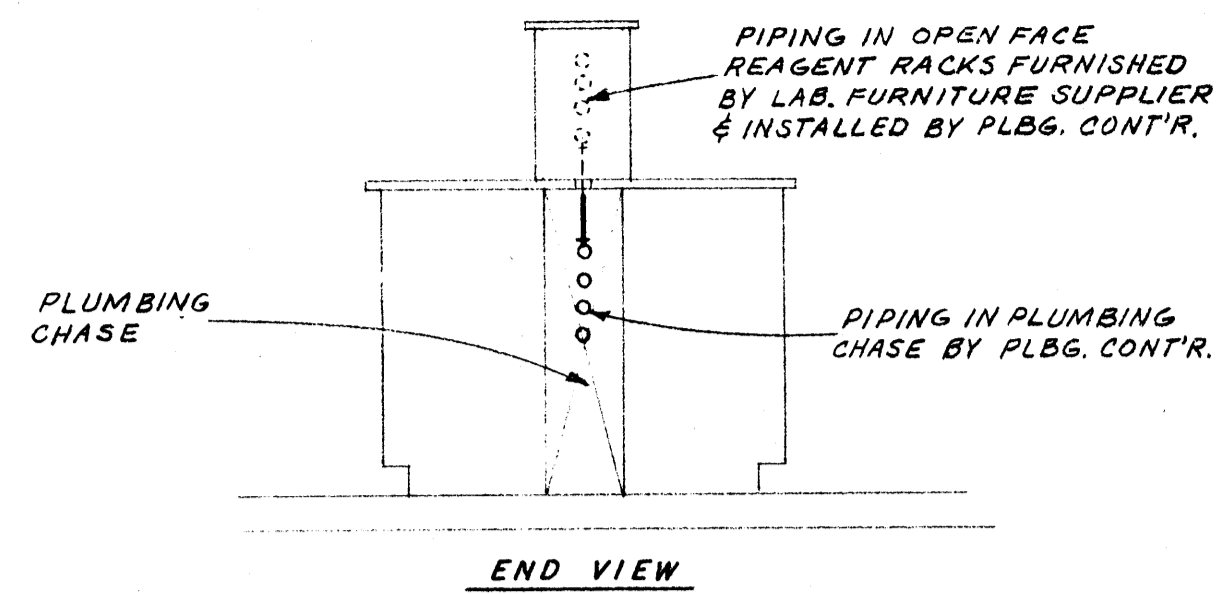


DATE	6-21-66	LABORATORY SCIENCES BUILDING ARKANSAS STATE COLLEGE JONESBORO, ARKANSAS	SHEET NUMBER P 5
DRAWN BY	DF & RT.		
CHECKED BY	W.B.T.	PROJECT NO.	ARK. 5-1479
REVISIONS		STUCK, FRIER, LANE & SCOTT, INC., ARCHITECTS	
		601 SOUTHWEST DRIVE • JONESBORO, ARKANSAS	
			COMMISSION NUMBER 43066



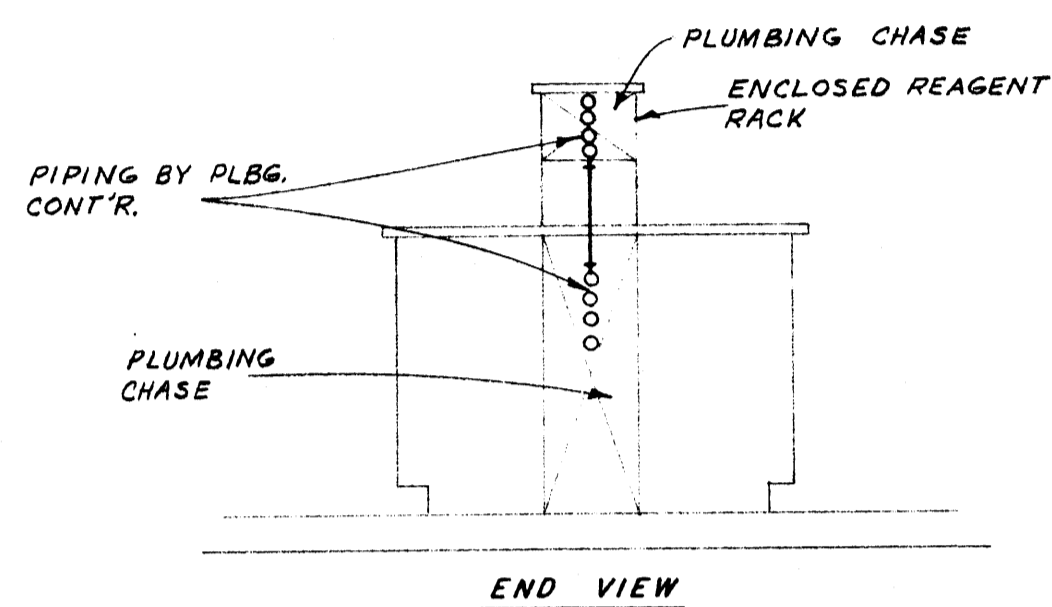
TYPICAL SECTION AT CURB
BOX TYPE TABLE

NO SCALE



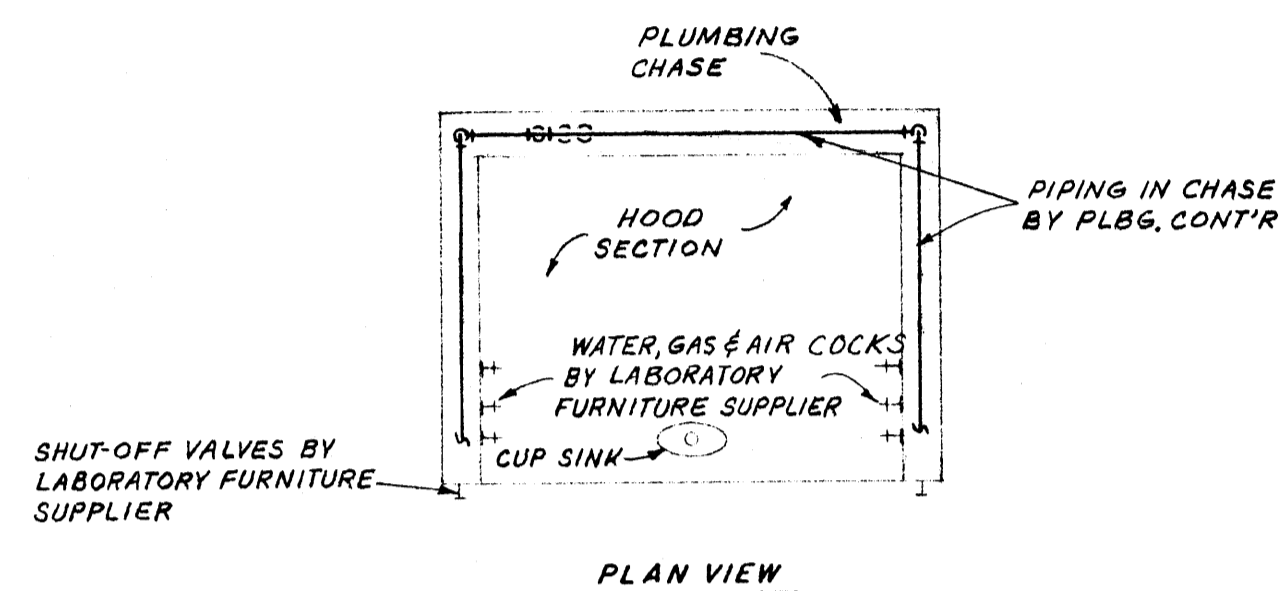
TYPICAL SECTION AT OPEN
FACE REAGENT RACK TYPE TABLE

NO SCALE



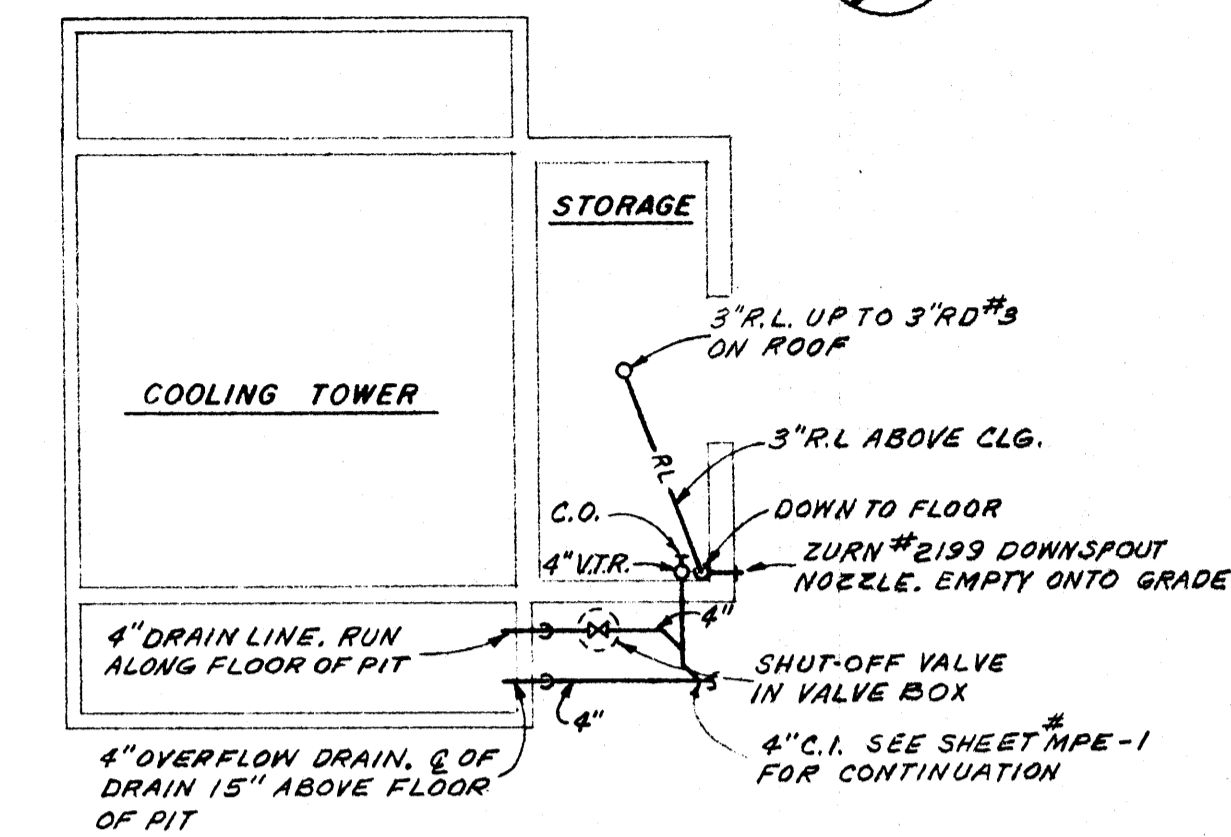
TYPICAL SECTION AT ENCLOSED
REAGENT RACK TYPE TABLE

NO SCALE



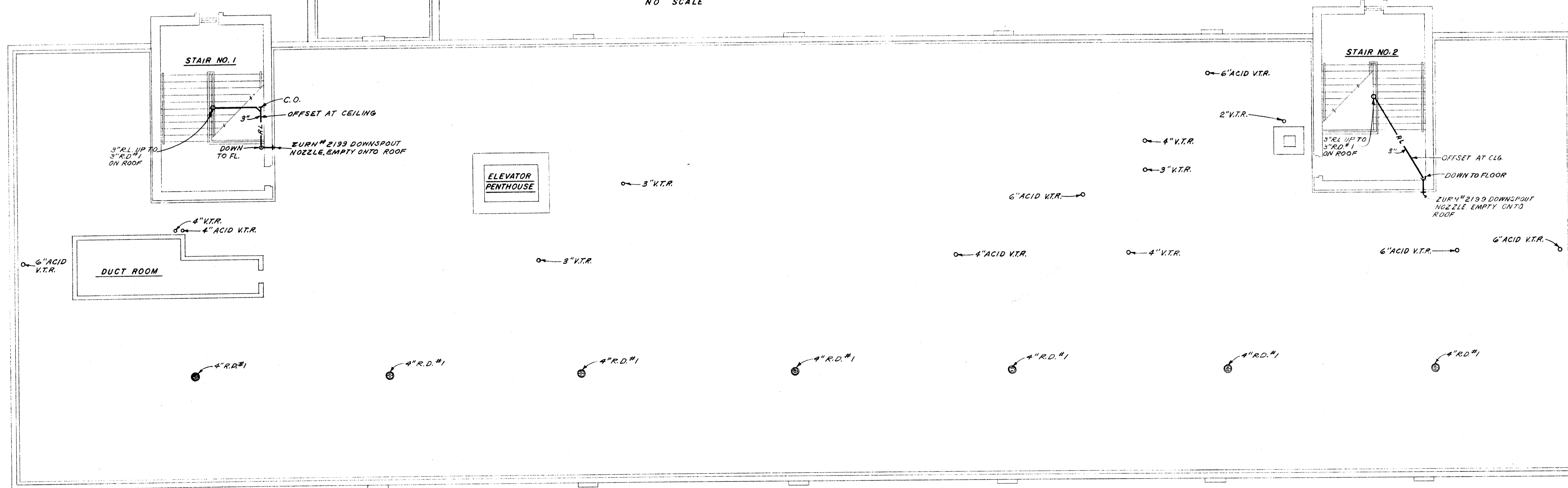
TYPICAL SECTION
AT FUME HOODS

NO SCALE



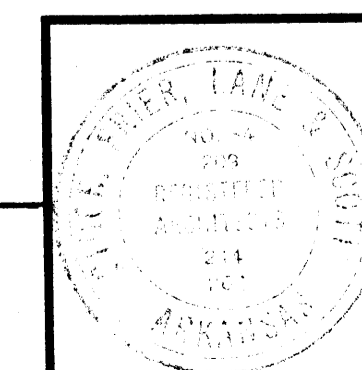
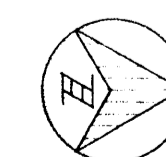
COOLING TOWER & STORAGE
BLDG. FLOOR PLAN

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



ROOF PLAN

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



DATE	6-21-66
DRAWN BY	D.F. & R.T.
CHECKED BY	W.B.T.
REVISIONS	

LABORATORY SCIENCES BUILDING
ARKANSAS STATE COLLEGE
JONESBORO, ARKANSAS
PROJECT NO. ARK. 5-1479

STUCK, FRIER, LANE & SCOTT, INC., ARCHITECTS
601 SOUTHWEST DRIVE • JONESBORO, ARKANSAS

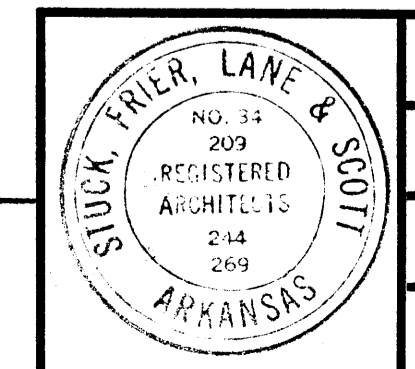
SHEET NUMBER
P
6
COMMISSION NUMBER
43066

LABORATORY FURNITURE SERVICE CONNECTIONS							
ITEM NO.	DESCRIPTION	WASTE	H.W.	C.W.	GAS	AIR	REMARKS
1	LECTURE DEMONSTRATION TABLE	X	X	X	X	X	
2	DO	X	X	X	X	X	
3	RESEARCH WALL TABLE	X	X	X	X	X	
4	SERVICE TABLE	X	X	X	X	X	
5	RESEARCH WALL TABLE	X	X	X	X	X	
6	DISTILLATION BENCH	X	X	X	X	X	
7	RESEARCH WALL TABLE	X	X	X	X	X	
8	WALL ASSEMBLY	X	X	X	X	X	
10	FUME HOOD	X	X	X	X	X	
14	WALL ASSEMBLY	X	X	X	X	X	
15	GLASS BLOWING TABLE	X	X	X	X	X	
16	WALL SINK	X	X	X	X	X	
17	WALL ASSEMBLY	X	X	X	X	X	
18	PREPARATION TABLE	X	X	X	X	X	
19	CHEMICAL PREPARATION BENCH	X	X	X	X	X	
21	RESEARCH WALL TABLE	X	X	X	X	X	WITH FUME HOOD
24	WALL TABLE ASSEMBLY	X	X	X	X	X	
28	DO	X	X	X	X	X	
29	WALL ASSEMBLY	X	X	X	X	X	
33	DISTILLATION BENCH	X	X	X	X	X	
34	WALL TABLE ASSEMBLY	X	X	X	X	X	
36	WALL ASSEMBLY	X	X	X	X	X	
41	DO	X	X	X	X	X	
43	DARKROOM DEVELOPING TABLE	X	X	X	X	X	
47	WALL ASSEMBLY	X	X	X	X	X	
48	FUME HOOD	X	X	X	X	X	
49	ORGANIC CHEMISTRY TABLE	X	X	X	X	X	
50	WALL SINK	X	X	X	X	X	EXTEND 1/2" C.W. LINE UP TO ITEM # 51
51	BARNSTEAD STILL & TANK COMBINATION	X	X	X	X	X	FURNISHED BY OWNER - INSTALLED BY PLB'G. CONTR. (PROVIDE DRAIN)
52	RESEARCH TABLE	X	X	X	X	X	
58	DO	X	X	X	X	X	
54	DO	X	X	X	X	X	
55	DO	X	X	X	X	X	
56	DO	X	X	X	X	X	
57	DO	X	X	X	X	X	
54	DO	X	X	X	X	X	
59	DO	X	X	X	X	X	
60	DO	X	X	X	X	X	
61	DO	X	X	X	X	X	
62	FUME HOOD	X	X	X	X	X	
67	ORGANIC CHEMISTRY TABLE	X	X	X	X	X	

LABORATORY FURNITURE SERVICE CONNECTIONS							
ITEM NO.	DESCRIPTION	WASTE	H.W.	C.W.	GAS	AIR	REMARKS
68	WALL SINK	X	X	X	X	X	
69	DO	X	X	X	X	X	
71	FUME HOOD	X	X	X	X	X	
74	INSTRUCTORS DESK	X	X	X	X	X	
75	BIOLOGICAL SCIENCE TABLE	X	X	X	X	X	
76	WALL SINK	X	X	X	X	X	
77	DO	X	X	X	X	X	
79	INSTRUCTORS DESK	X	X	X	X	X	
80	BIOLOGICAL SCIENCE TABLE	X	X	X	X	X	
82	INSTRUCTORS DESK	X	X	X	X	X	
83	BIOLOGICAL SCIENCE TABLE	X	X	X	X	X	
83A	WALL SINK	X	X	X	X	X	
86	DO	X	X	X	X	X	
87	INSTRUCTORS DESK	X	X	X	X	X	
89	SERVICE ISLAND	X	X	X	X	X	
92	WALL SINK	X	X	X	X	X	
93	INSTRUCTORS DESK	X	X	X	X	X	
95	SERVICE ISLAND	X	X	X	X	X	
96	FUME HOOD	X	X	X	X	X	
97	SAFETY CABINET	X	X	X	X	X	
98	WALL SINK	X	X	X	X	X	
101	RESEARCH WALL TABLE	X	X	X	X	X	WITH FUME HOOD
102	DO	X	X	X	X	X	DO
103	DO	X	X	X	X	X	
104	DO	X	X	X	X	X	
105	DO	X	X	X	X	X	
106	DO	X	X	X	X	X	
107	DO	X	X	X	X	X	
108	DO	X	X	X	X	X	
109	DO	X	X	X	X	X	
110	DO	X	X	X	X	X	
111	DO	X	X	X	X	X	
112	DO	X	X	X	X	X	
113	WALL ASSEMBLY	X	X	X	X	X	
117	WALL SINK	X	X	X	X	X	
126	SAFETY CABINET	X	X	X	X	X	
129	FUME HOOD	X	X	X	X	X	
130	CHEMISTRY TABLE	X	X	X	X	X	
133	WALL SINK	X	X	X	X	X	
136	SAFETY CABINET	X	X	X	X	X	
139	INSTRUCTORS DESK	X	X	X	X	X	

LABORATORY FURNITURE SERVICE CONNECTIONS							
ITEM NO.	DESCRIPTION	WASTE	H.W.	C.W.	GAS	AIR	REMARKS
140	BIOLOGICAL SCIENCE TABLE	X	X	X	X	X	
143	INSTRUCTORS DESK	X	X	X	X	X	
144	BIOLOGICAL SCIENCE TABLE	X	X	X	X	X	
146	WALL SINK	X	X	X	X	X	
147	INSTRUCTORS DESK	X	X	X	X	X	
150	FUME HOOD	X	X	X	X	X	
151	SAFETY CABINET	X	X	X	X	X	
152	RESEARCH TABLE	X	X	X	X	X	
153	GLASS WASH-UP SINK	X	X	X	X	X	EXTEND 1/2" C.W. LINE UP TO ITEM #153A
153A	WATER STILL	X	X	X	X	X	FURNISHED BY OWNER, INSTALLED BY PLB'G. CONTR. (PROVIDE DRAIN)
154	RESEARCH TABLE	X	X	X	X	X	
155	DO	X	X	X	X	X	WITH FUME HOOD
156	DO	X	X	X	X	X	DO
154	DO	X	X	X	X	X	
157	DO	X	X	X	X	X	
158	DO	X	X	X	X	X	WITH FUME HOOD
159	DO	X	X	X	X	X	DO
160	DO	X	X	X	X	X	
161	DO	X	X	X	X	X	WITH FUME HOOD
162	DO	X	X	X	X	X	
163	DO	X	X	X	X	X	
164	RESEARCH WALL TABLE	X	X	X	X	X	
165A	WALL SINK	X	X	X	X	X	
166	FUME HOOD	X	X	X	X	X	
167	SAFETY CABINET	X	X	X	X	X	
170	ORGANIC CHEMISTRY TABLE	X	X	X	X	X	
172	WALL SINK	X	X	X	X	X	
175	SAFETY CABINET	X	X	X	X	X	
176	FUME HOOD	X	X	X	X	X	
177	BIOCHEMISTRY	X	X	X	X	X	
178	FUME HOOD	X	X	X	X	X	
181	PHYSICAL CHEMISTRY TABLE	X	X	X	X	X	
182	WALL SINK	X	X	X	X	X	
183	FUME HOOD	X	X	X	X	X	
191	SAFETY CABINET	X	X	X	X	X	
192	CHEMISTRY TABLE	X	X	X	X	X	
193	RESEARCH WALL TABLE	X	X	X	X	X	
195	DO	X	X	X	X	X	
196	INSTRUCTORS DESK	X	X	X	X	X	

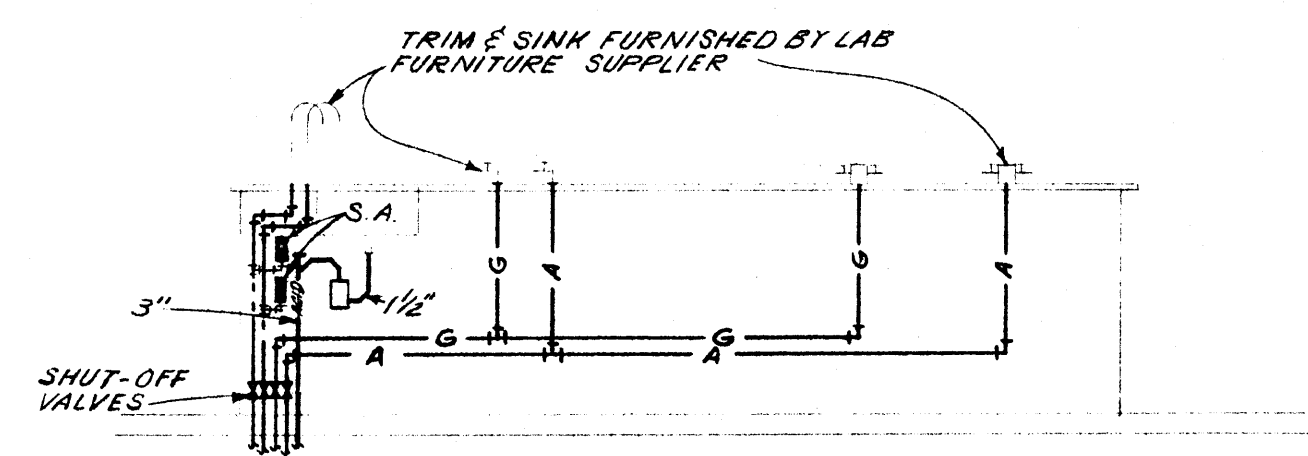
WILLIAM B. THOMPSON
MECHANICAL ENGINEERS
P.O. BOX 1000 JONESBORO, ARK.



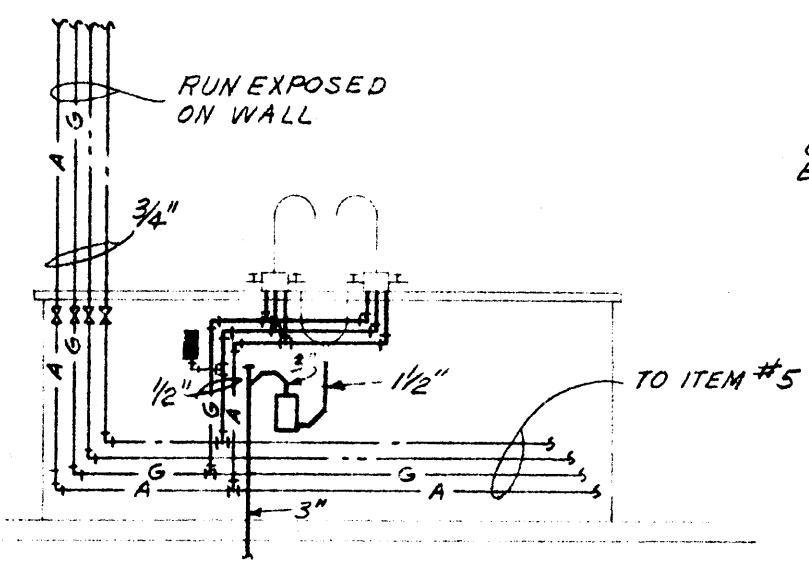
DATE 6-21-66
DRAWN BY DF & RT
CHECKED BY W.B.T.
REVISIONS

LABORATORY SCIENCES BUILDING
ARKANSAS COLLEGE STATE ARKANSAS
JONESBORO, ARKANSAS
PROJECT NO. ARK. 5-1479
STUCK, FRIER, LANE & SCOTT, INC., ARCHITECTS
601 SOUTHWEST DRIVE • JONESBORO, ARKANSAS

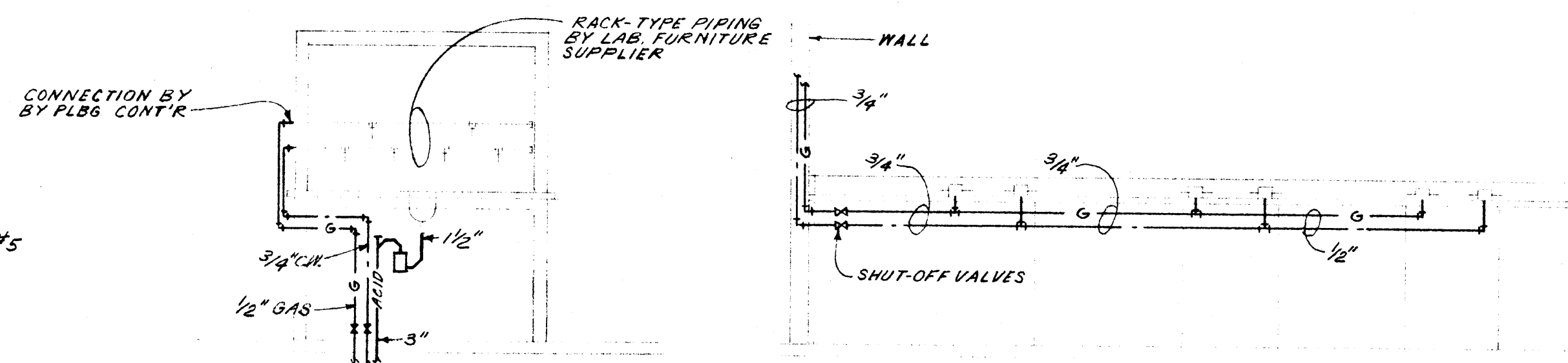
SHEET NUMBER
P 7
COMMISSION NUMBER
43066



ITEM # 1 & 2 AS SHOWN.
ITEM # 3 SAME AS # 1 EXCEPT GAS & AIR COCKS SHALL BE SINGLE TYPE.
ITEM # 4, # 52 THRU # 61, # 101, # 104 THRU # 112, # 134, # 136, # 157, # 160, # 162, # 163, # 135 SAME AS # 1 EXCEPT OMIT THE SINGLE GAS & AIR OUTLETS.

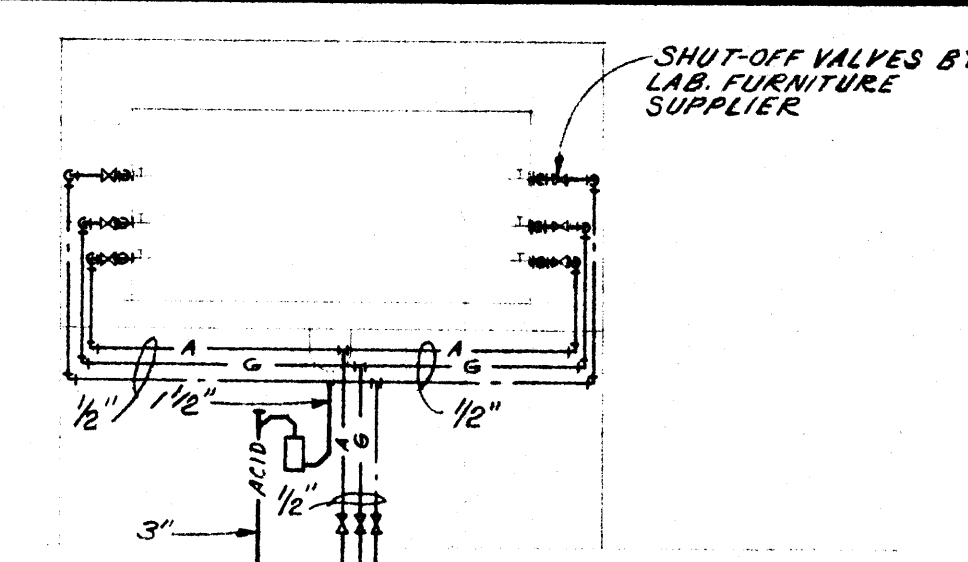


ITEM # 4 AS SHOWN.



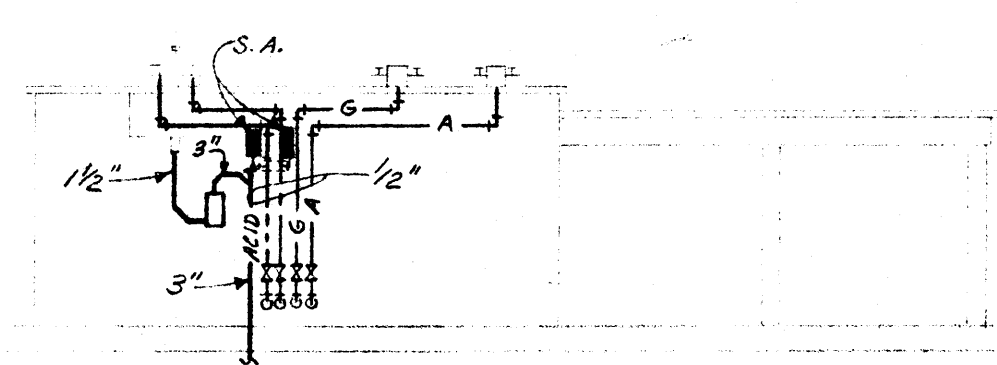
ITEM # 6 AS SHOWN.
ITEM # 8 SAME AS # 6 EXCEPT WITH # 6 GAS & WATER COCKS.

ITEM # 8 AS SHOWN.

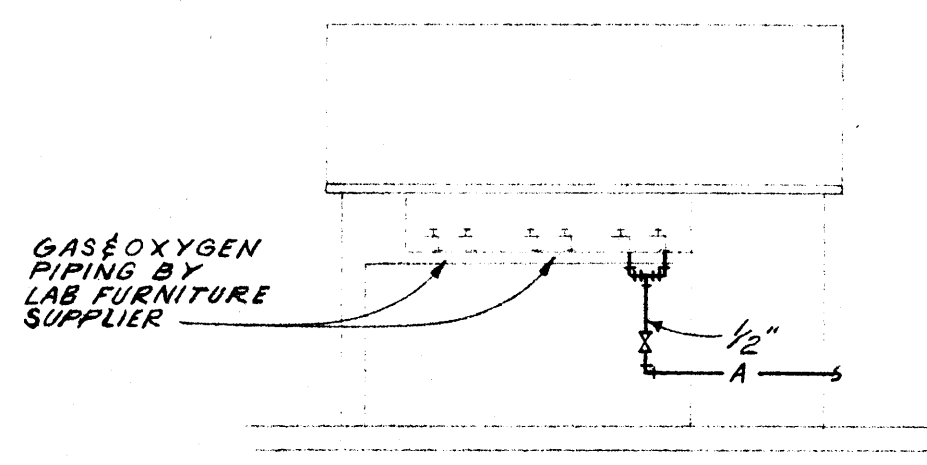


ITEM # 10, # 49, # 65, # 71, # 96, # 128, # 150, # 166, # 176, # 178, # 186 AS SHOWN.

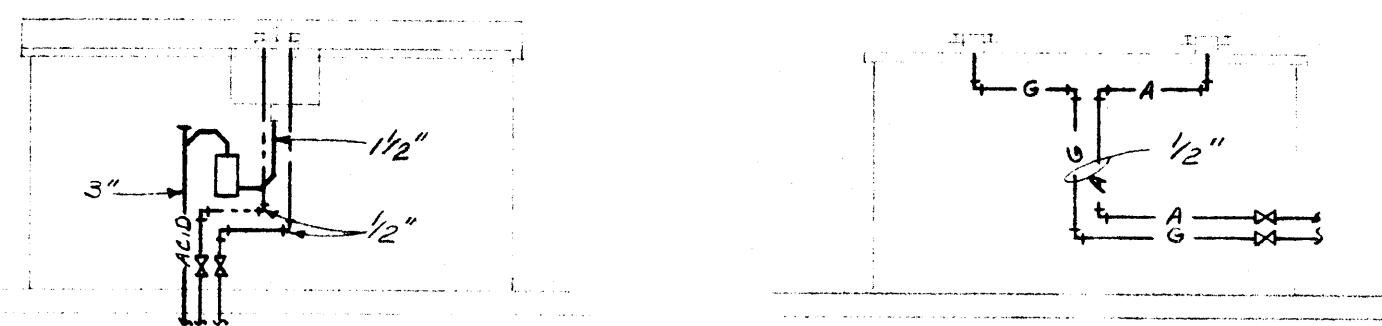
GENERAL NOTE:
ALL SINKS TAIL PIECES, WATER, GAS & AIR COCKS & SINK TRIM FURNISHED BY LAB FURNITURE SUPPLIER. PLB&G CONTR. SHALL MOUNT THIS TRIM ON THE UNITS & SHALL INSTALL ALL PIPING, TRAPS & SHUT-OFF VALVES WITHIN OR UNDER EQUIPMENT AS INDICATED ON DETAILS.



ITEM # 14 AS SHOWN.

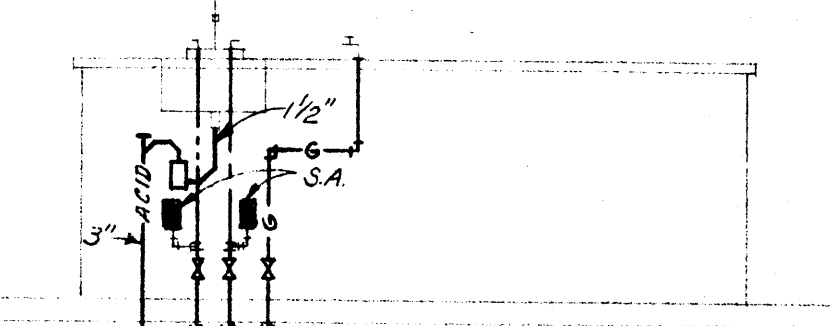


ITEM # 15 AS SHOWN.

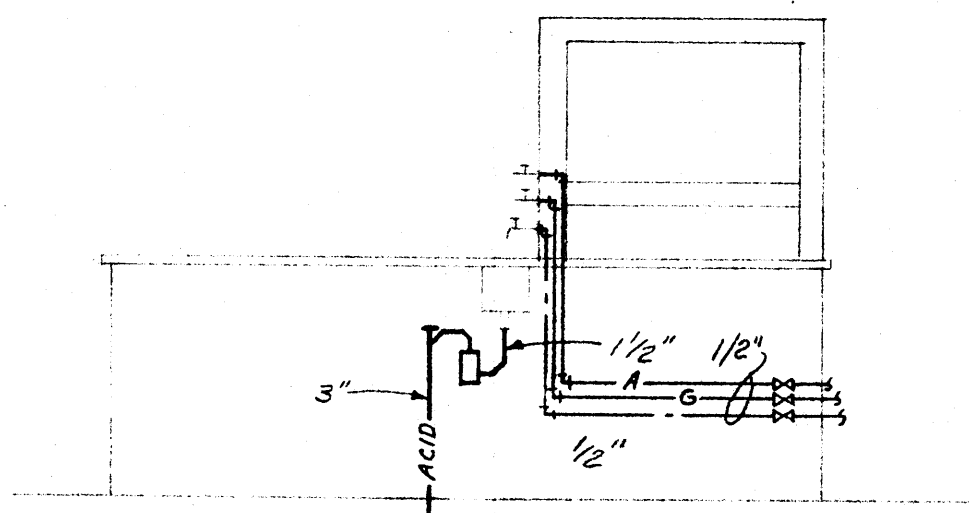


ITEM # 16 # 50 # 64 # 69 # 76 # 77 # 83A # 98 # 99 # 98 # 117 # 135 # 146 # 148 # 153 # 163A # 172 # 182 AS SHOWN.

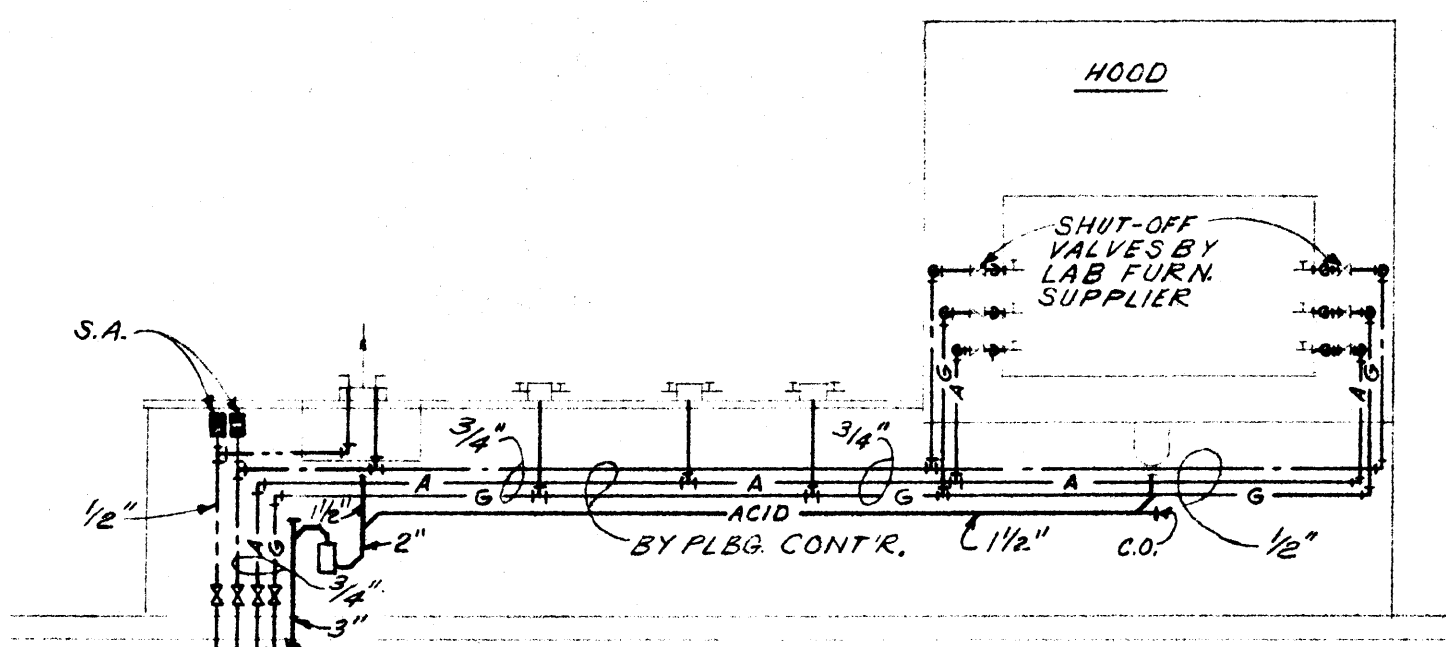
ITEM # 17 AS SHOWN.



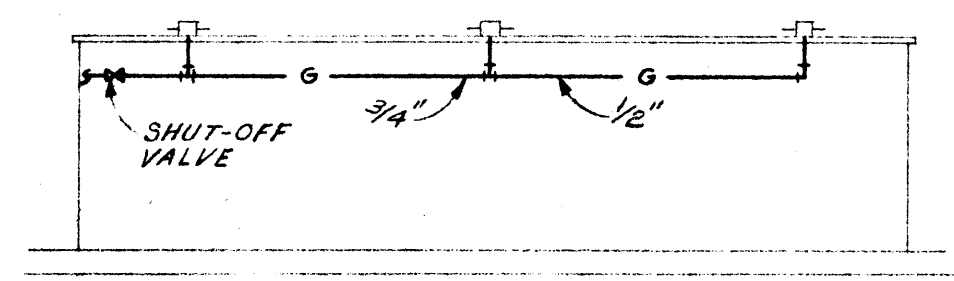
ITEM # 18 AS SHOWN.
ITEM # 74, # 79, # 82, # 138, # 143, # 147 SAME AS # 18.
ITEM # 24, # 28, # 34 SAME AS # 18 EXCEPT WITH DOUBLE GAS COCK.
ITEM # 13 SAME AS # 18 EXCEPT OMIT GAS.



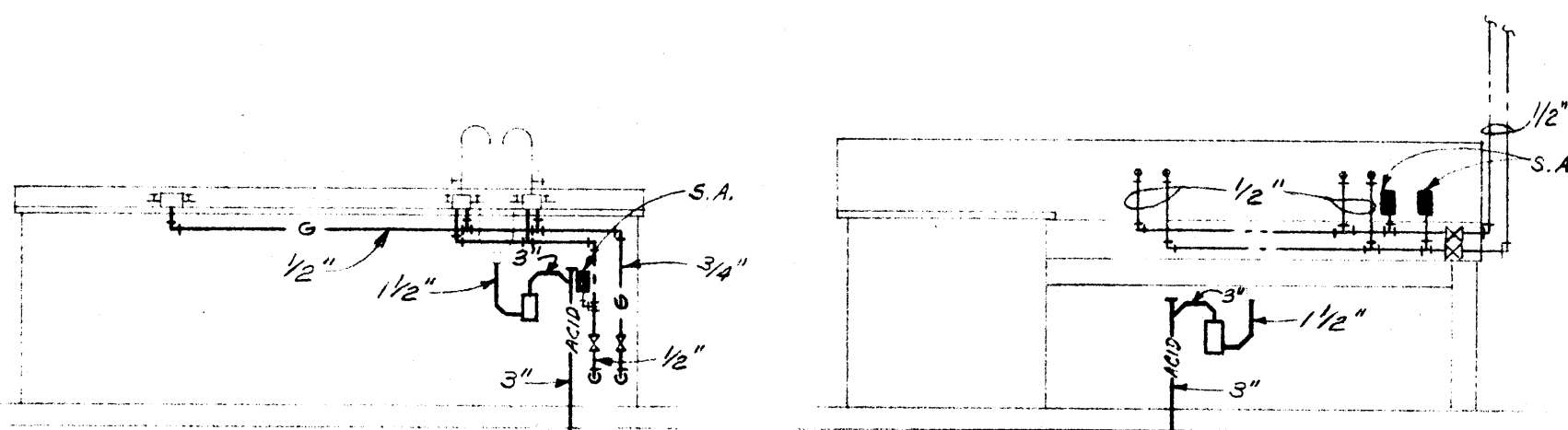
ITEM # 19 AS SHOWN.



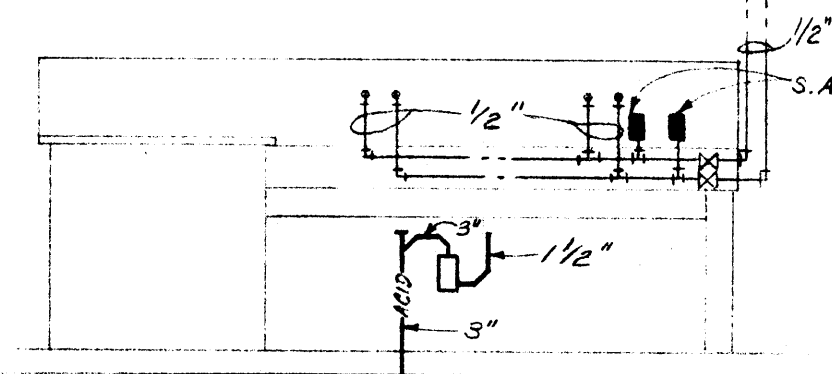
ITEM # 21, # 102, # 103, # 155, # 156, # 158, # 159, # 161 AS SHOWN.



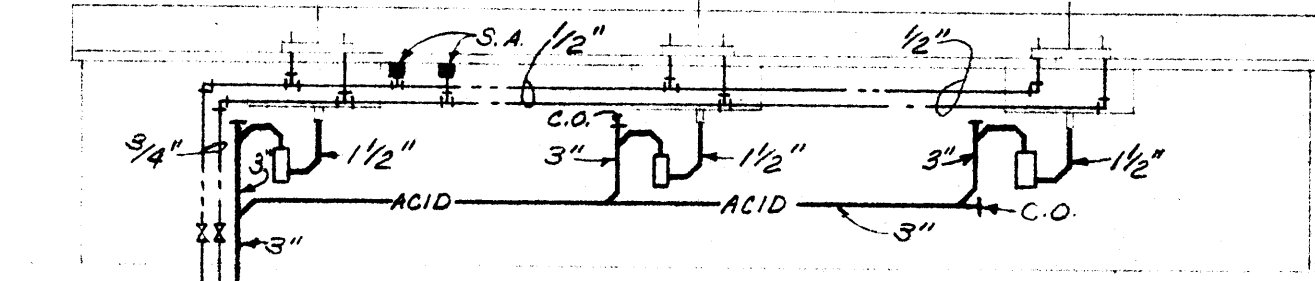
ITEM # 29 & 36 AS SHOWN.



ITEM # 41 AS SHOWN.

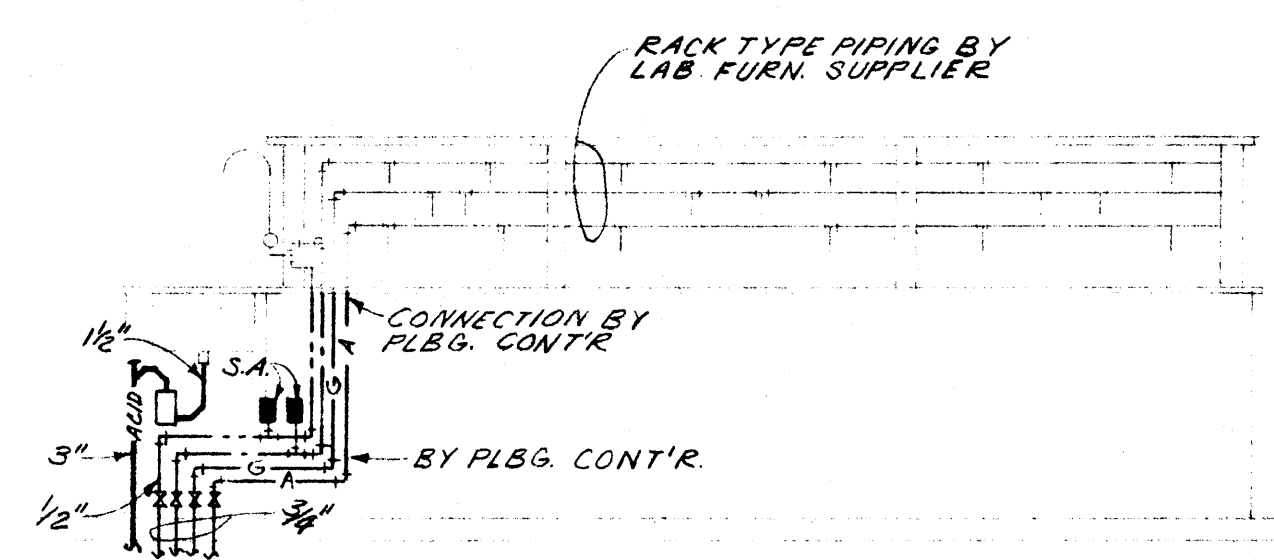


ITEM # 45 AS SHOWN.

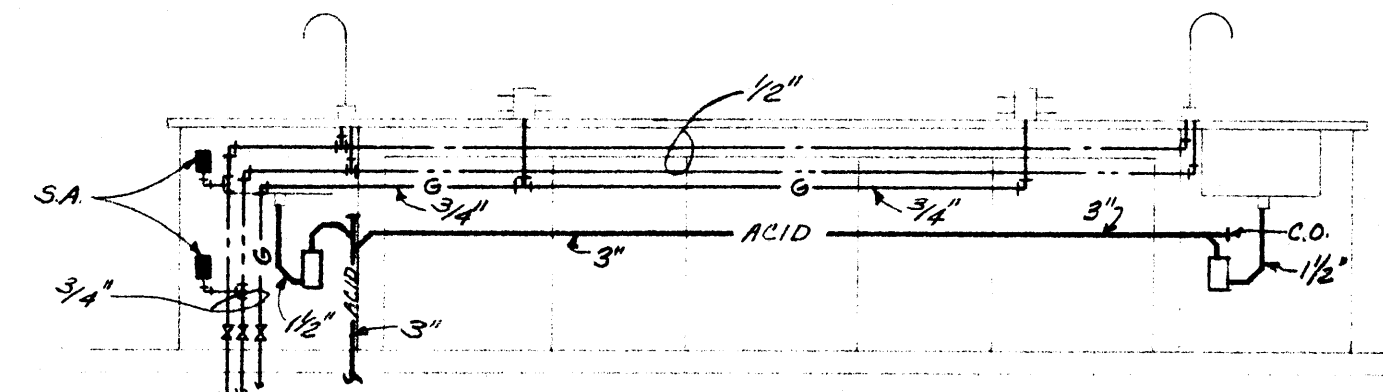


ITEM # 47 AS SHOWN.

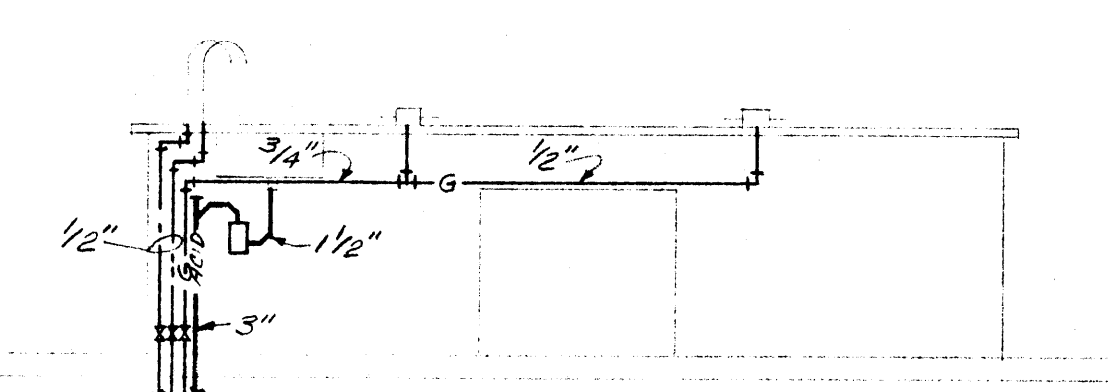
SEE SECTION II-A OF THE LABORATORY FURNITURE SPECIFICATION FOR CONSTRUCTION DETAILS OF LABORATORY FURNITURE



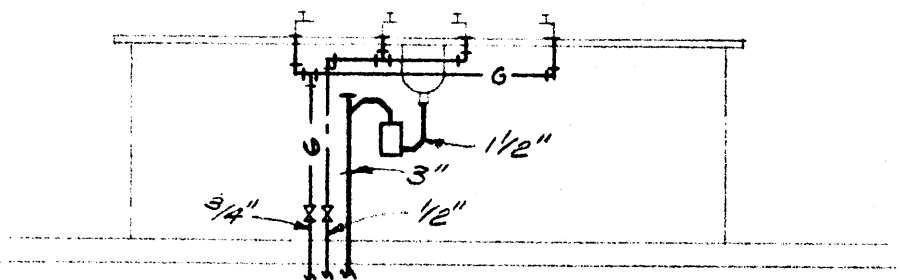
ITEM # 49 & 67 AS SHOWN.
ITEM # 130 SAME AS # 49 EXCEPT OMIT H.W. LINE & AIR LINE.



ITEM # 75 AS SHOWN.
ITEM # 80 & 83 SAME AS # 75.
ITEM # 140 & 144 SAME AS # 75 EXCEPT OMIT SINK & FAUCET & DRAIN AT RIGHT END OF TABLE.



ITEM # 97, # 93, # 136 AS SHOWN.

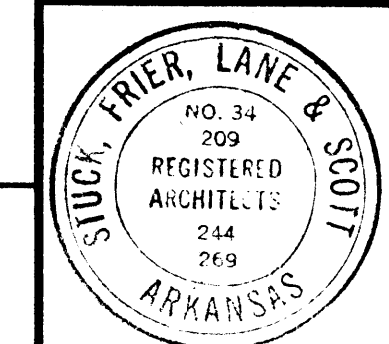


ITEM # 89 & 95 AS SHOWN.

PIPING DETAILS AT LABORATORY FURNITURE

NO SCALE

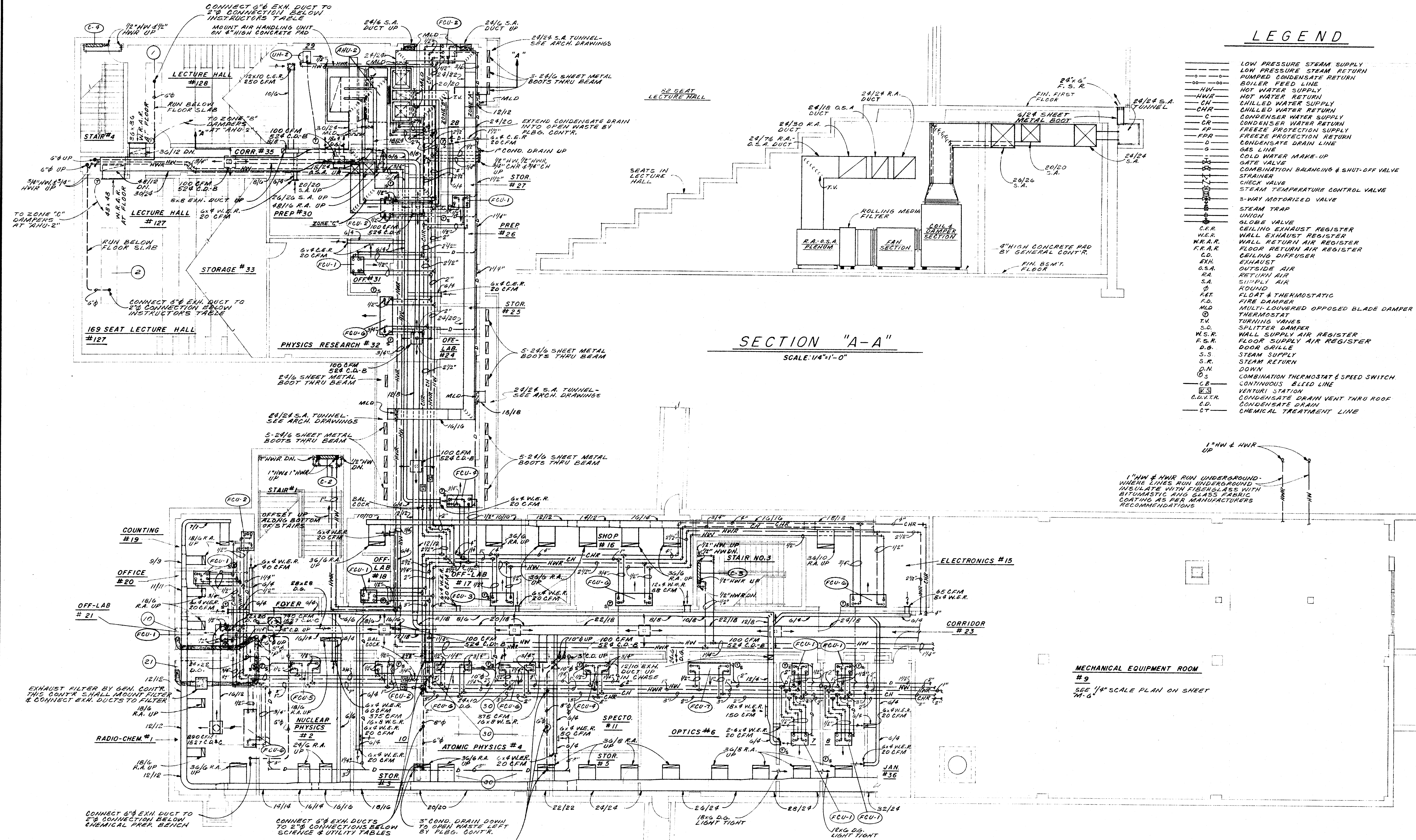
WILLIAM B. THOMPSON
MECHANICAL ENGINEERS
MEMBER A.S.H.P.E.



DATE	6-21-66
DRAWN BY	D.F. B. R.T.
CHECKED BY	W.B.T.
REVISIONS	

LABORATORY SCIENCES BUILDING	
ARKANSAS STATE COLLEGE	JONESBORO, ARKANSAS
PROJECT NO. ARK. 5-1479	
STUCK, FRIER, LANE & SCOTT, INC., ARCHITECTS	
601 SOUTHWEST DRIVE • JONESBORO, ARKANSAS	

SHEET NUMBER	P 8
COMMISSION NUMBER	43066



LEGEND

- LOW PRESSURE STEAM SUPPLY
- LOW PRESSURE STEAM RETURN
- PUMPED CONDENSATE RETURN
- BOILER FEED LINE
- HOT WATER SUPPLY
- HWR HOT WATER RETURN
- CHWR CHILLED WATER SUPPLY
- CHR CHILLED WATER RETURN
- C CONDENSER WATER SUPPLY
- CR CONDENSER WATER RETURN
- FP FREEZE PROTECTION SUPPLY
- FPR FREEZE PROTECTION RETURN
- CD CONDENSATE DRAIN LINE
- G GAS LINE
- CW MAKE-UP COLD WATER MAKE-UP
- GATE VALVE
- CB COMBINATION BALANCING & SHUT-OFF VALVE
- S STRAINER
- C CHECK VALVE
- STV STEAM TEMPERATURE CONTROL VALVE
- B-WAY MOTORIZED VALVE
- S-T STEAM TRAP
- U UNION
- GLOBE VALVE
- C.E.R. CEILING EXHAUST REGISTER
- W.E.R. WALL EXHAUST REGISTER
- W.R.A.R. WALL RETURN AIR REGISTER
- F.R.A.R. FLOOR RETURN AIR REGISTER
- C.D. CEILING DIFFUSER
- E.H. EXHAUST
- O.S.A. OUTSIDE AIR
- R.A. RETURN AIR
- S.A. SUPPLY AIR
- R ROUND
- F.A.T. FLOAT & THERMOSTATIC
- F.D. FIRE DAMPER
- MLD MULTI-LOUVERED OPPOSED BLADE DAMPER
- T THERMOSTAT
- TV TURNING VANES
- S.O. SPLITTER DAMPER
- W.S.R. WALL SUPPLY AIR REGISTER
- F.S.R. FLOOR SUPPLY AIR REGISTER
- D.D. DOOR SILL
- S.S. STEAM SUPPLY
- S.R. STEAM RETURN
- D.N. DOWN
- C.T. COMBINATION THERMOSTAT & SPEED SWITCH
- C.B. CONTINUOUS BLEED LINE
- V VENTURI STATION
- C.D.V.T.R. CONDENSATE DRAIN VENT THRU ROOF
- C.T. CHEMICAL TREATMENT LINE

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

BASEMENT FLOOR PLAN
SCALE: 1/8"=1'-0"

GENERAL NOTES:
1. ALL FUME HOOD EXHAUST DUCTS & AUXILIARY AIR DUCTS SHALL BE 10" I.D. EXCEPT WHERE SPECIFICALLY INDICATED OTHERWISE.
2. ALL CONDENSATE DRAIN RUN-OUTS TO FAN COIL UNITS SHALL BE 3/4"

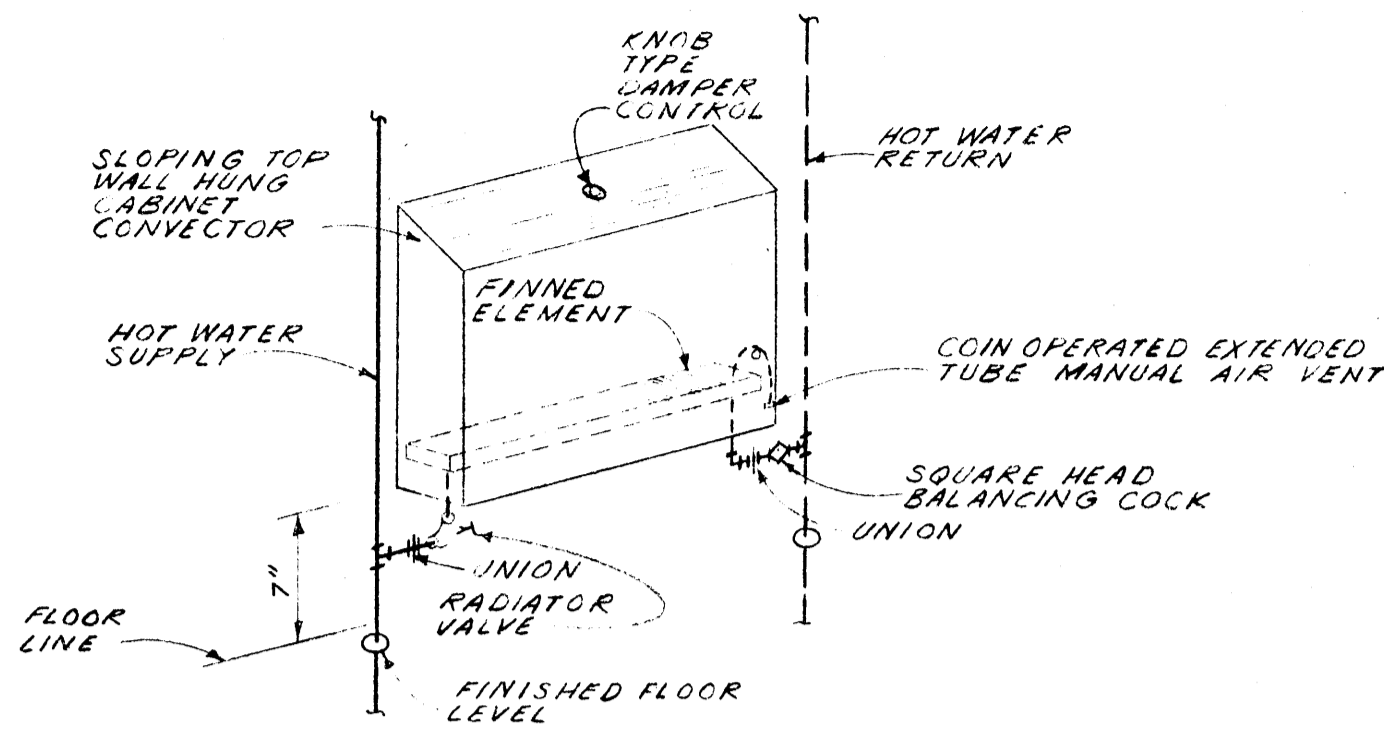
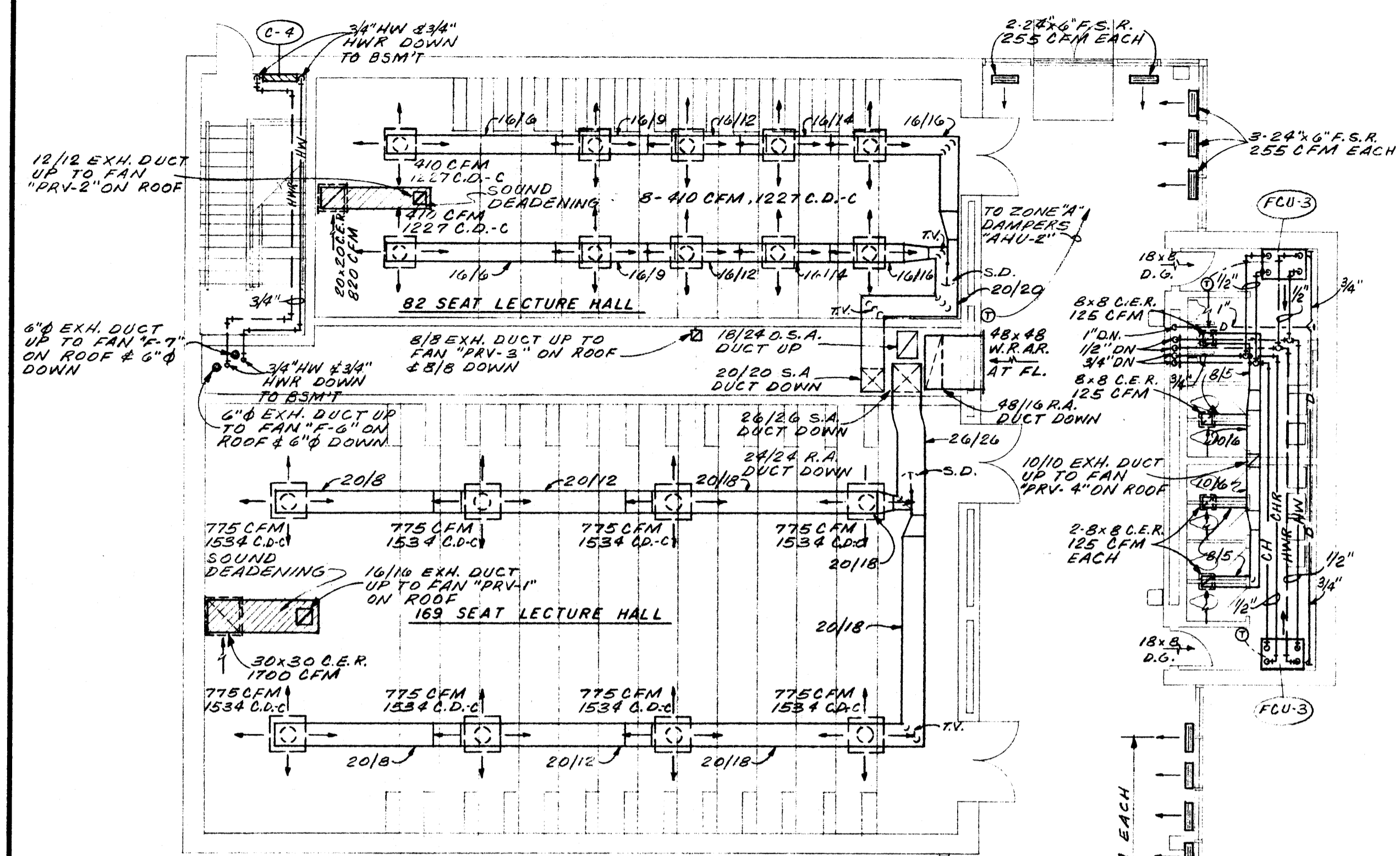
MECHANICAL EQUIPMENT ROOM #9
SEE 1/4" SCALE PLAN ON SHEET M-6



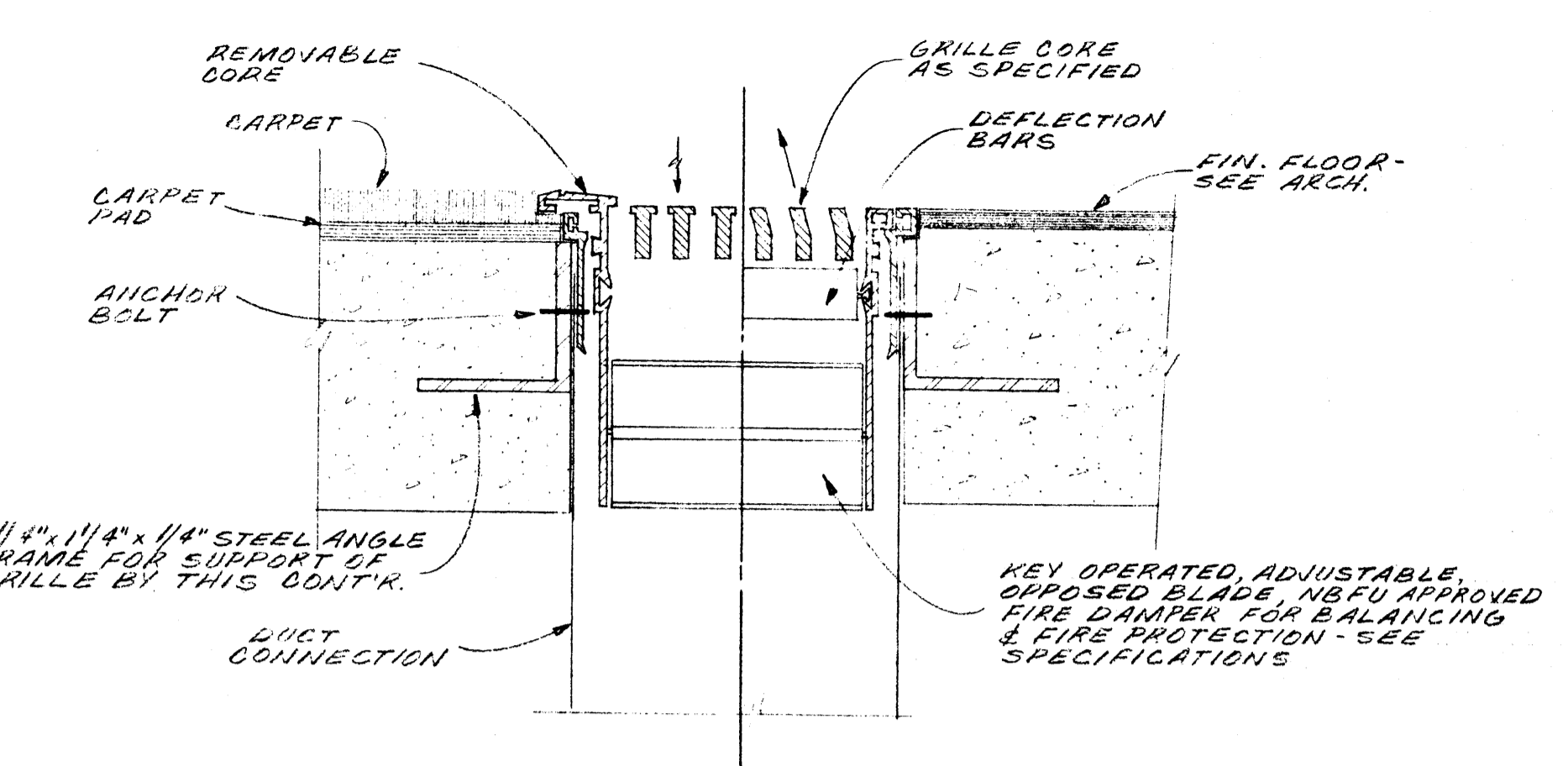
DATE: 6-21-66
DRAWN BY: J.G.
CHECKED BY: W.B.T.
REVISIONS:

LABORATORY SCIENCES BUILDING
ARKANSAS STATE COLLEGE
JONESBORO, ARKANSAS
PROJECT NO. ARK. 5-1479
STUCK, FRIER, LANE & SCOTT, INC., ARCHITECTS
601 SOUTHWEST DRIVE • JONESBORO, ARKANSAS

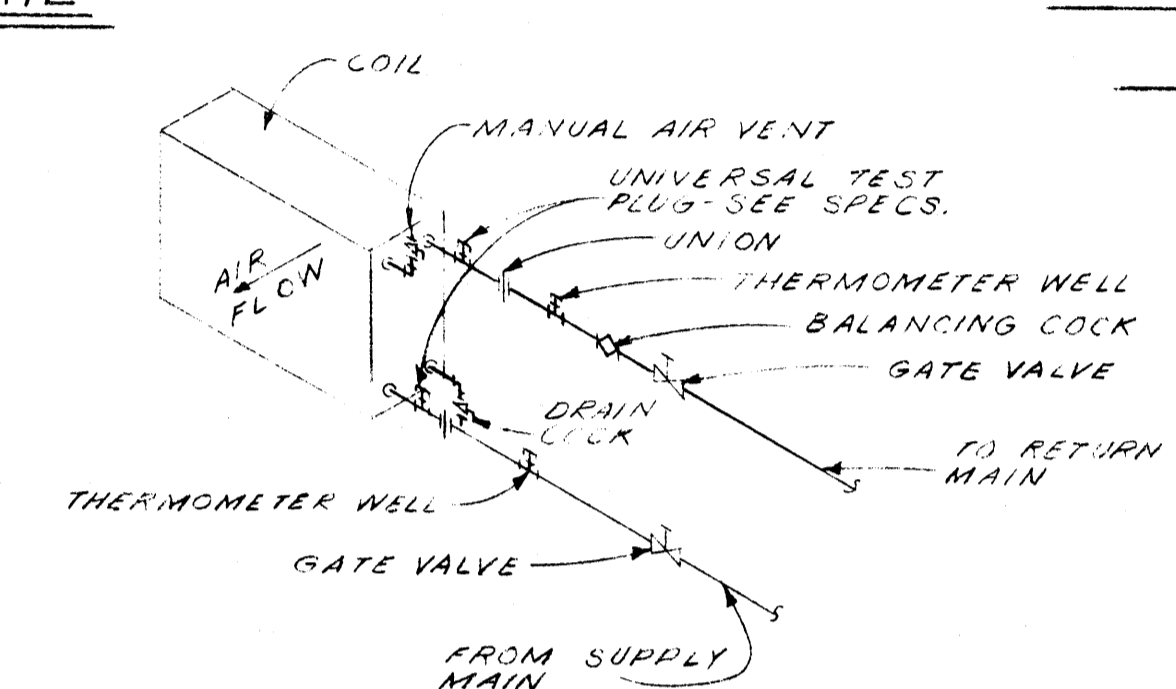
SHEET NUMBER
M
1
COMMISSION NUMBER
43066



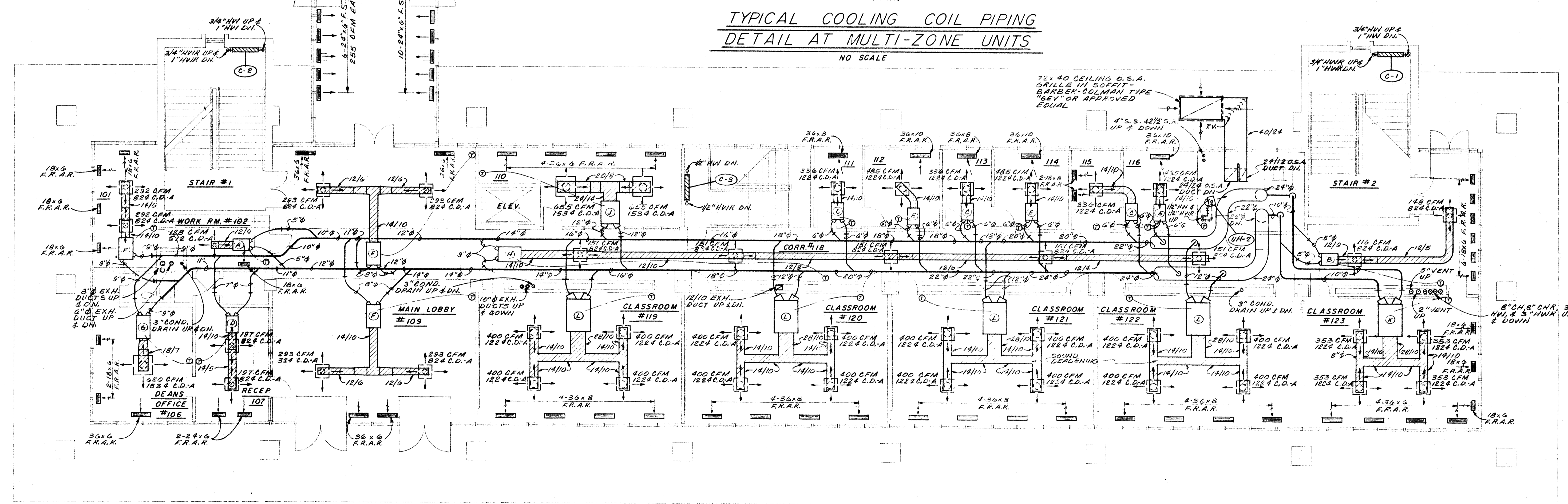
TYPICAL CONVECTOR PIPING DETAIL
NO SCALE



TYPICAL FLOOR REGISTER MOUNTING DETAIL
NO SCALE

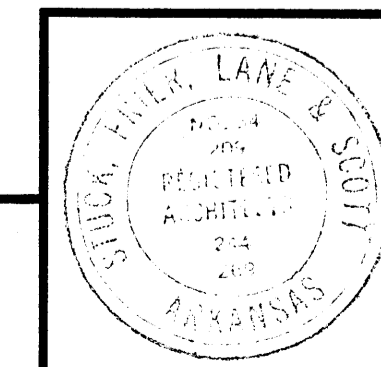
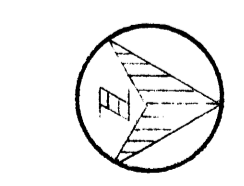


TYPICAL COOLING COIL PIPING DETAIL AT MULTI-ZONE UNITS
NO SCALE



GENERAL NOTES:
1. ALL FUME HOOD EXHAUST DUCTS & AUXILIARY AIR DUCTS SHALL BE 10" Ø ID. EXCEPT WHERE SPECIFICALLY INDICATED OTHERWISE.
2. ALL CONDENSATE DRAIN RUN-OUTS TO FAN COIL UNITS SHALL BE 3/4".

FIRST FLOOR PLAN
SCALE: 1/8" = 1'-0"

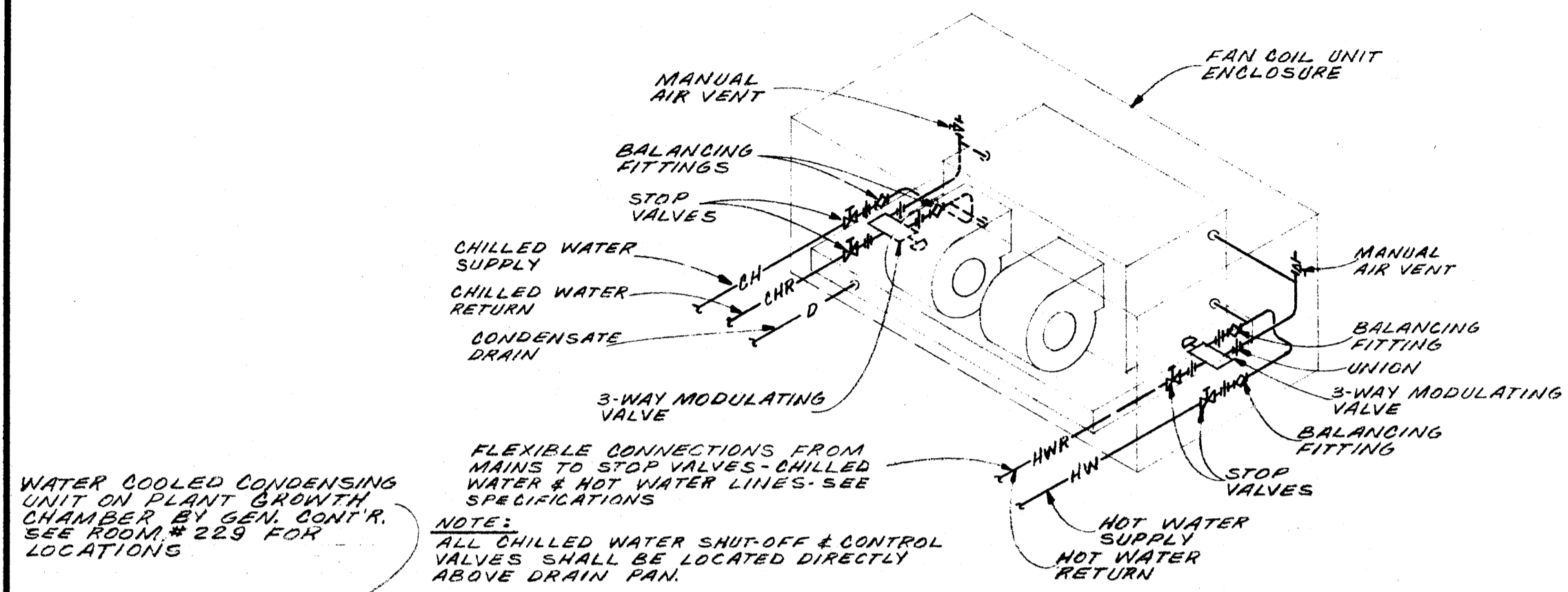


DATE	6-21-66
DRAWN BY	J.G.
CHECKED BY	M.B.T.
REVISIONS	

LABORATORY SCIENCES BUILDING
ARIZONA STATE UNIVERSITY
JONESBORO, ARIZONA
PROJECT NO. ARK. 5-1479

STUCK, FRIER, LANE & SCOTT, INC., ARCHITECTS
601 SOUTHWEST DRIVE • JONESBORO, ARIZONA

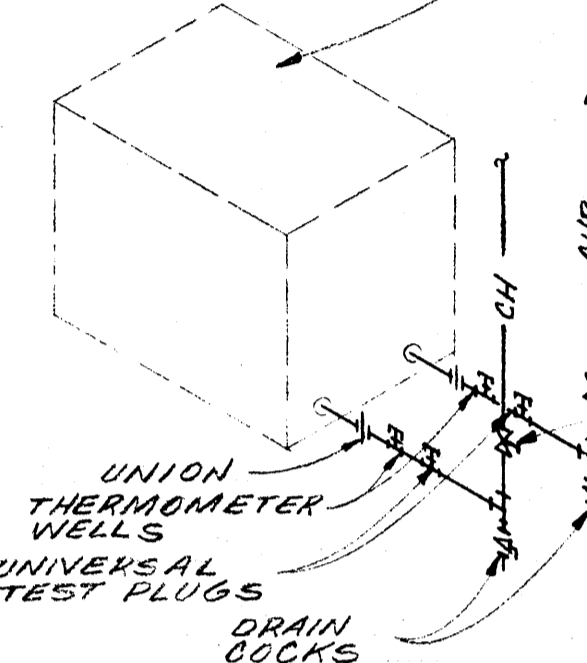
SHEET NUMBER	M
	2
COMMISSION NUMBER	43066



TYPICAL FAN COIL UNIT PIPING DETAIL

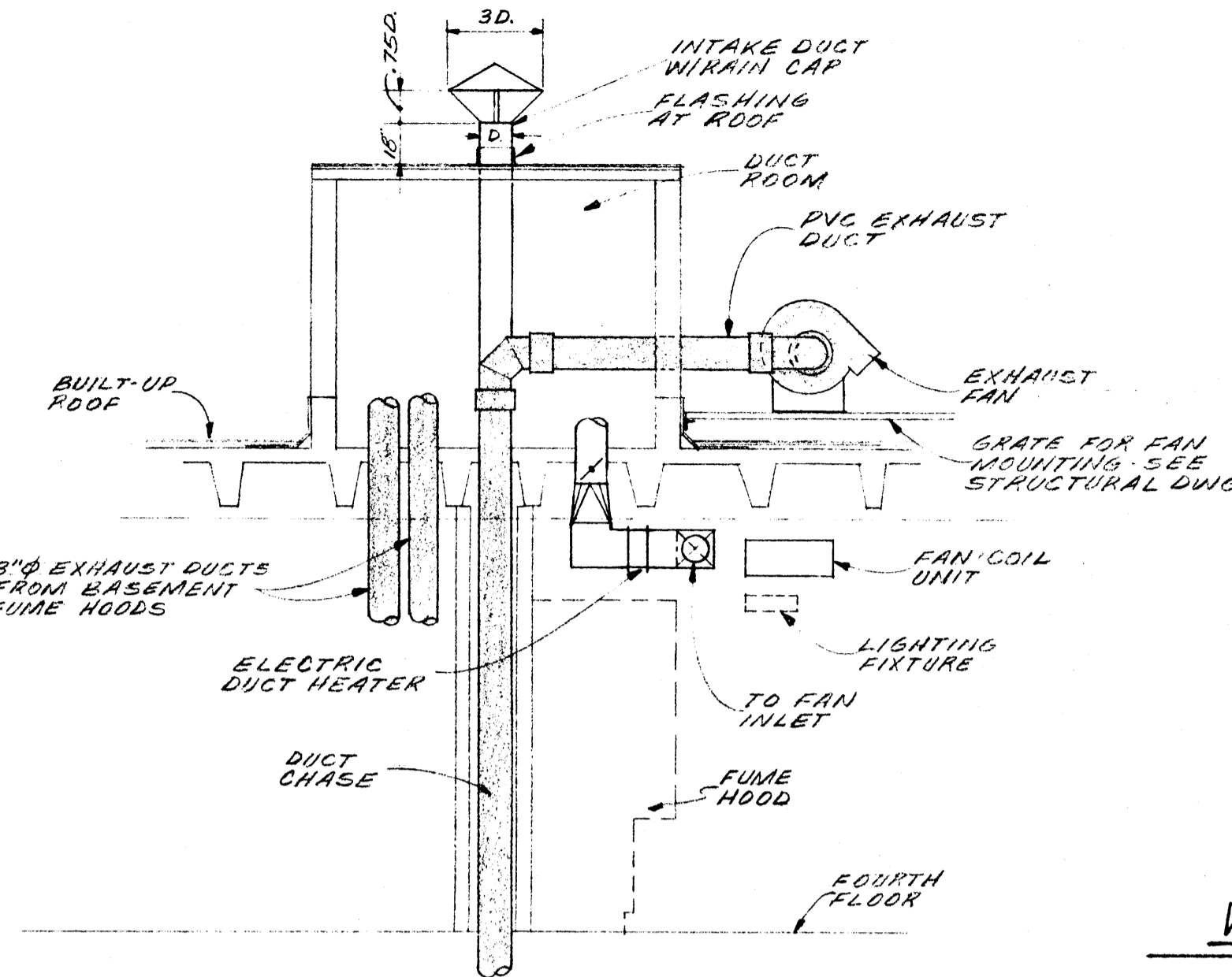
NO SCALE

WATER COOLED CONDENSING UNIT ON PLANT GROWTH CHAMBER BY GEN. CONTR. SEE ROOM # 229 FOR LOCATIONS



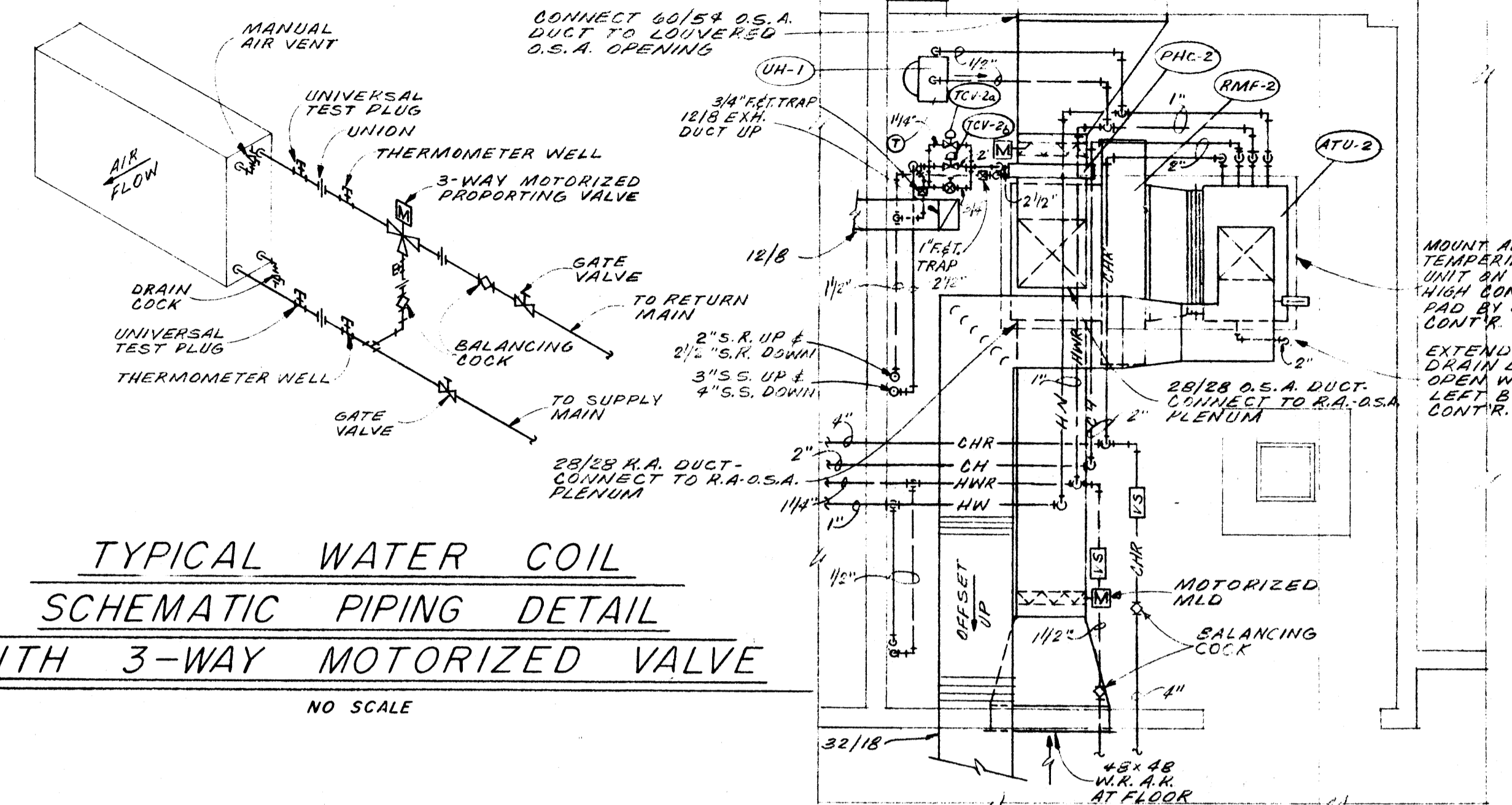
TYPICAL SCHEMATIC PIPING DETAIL AT CONNECTIONS TO PLANT GROWTH CHAMBER CONDENSING UNIT

NO SCALE



SECTION THRU FOURTH FLOOR & ROOF AT DUCT CHASE IN CENTER OF BUILDING

NO SCALE

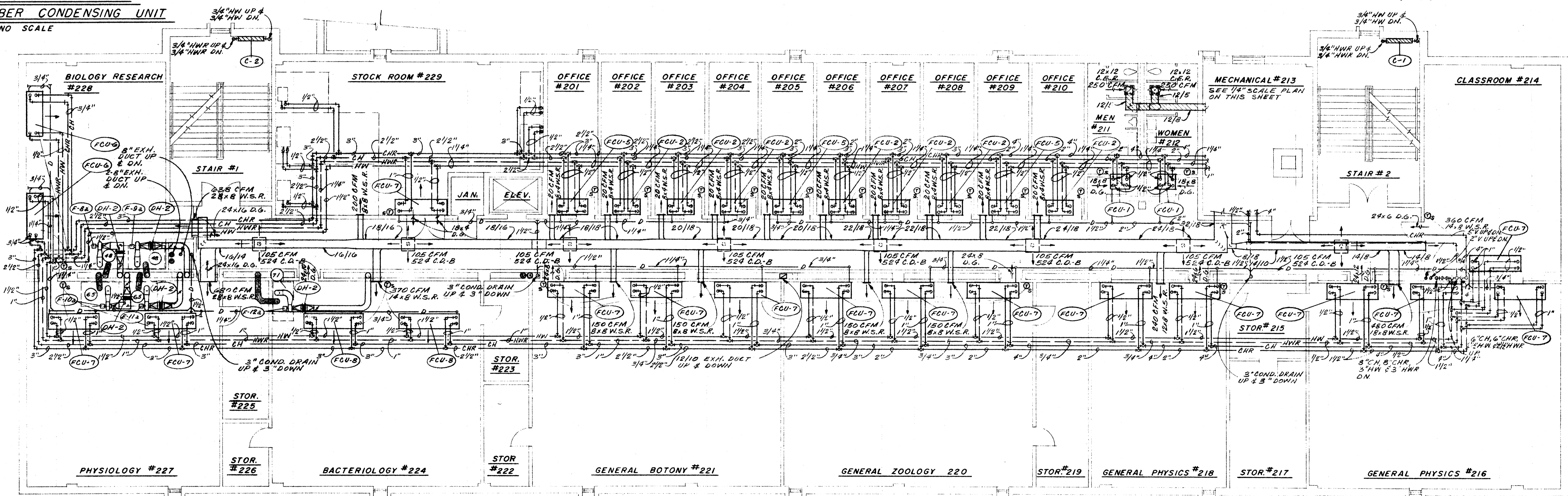


TYPICAL WATER COIL SCHEMATIC PIPING DETAIL WITH 3-WAY MOTORIZED VALVE

NO SCALE

MECH. ROOM # 213 FLOOR PLAN

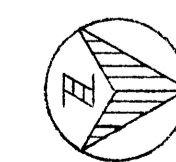
SCALE: 1/4"=1'-0"



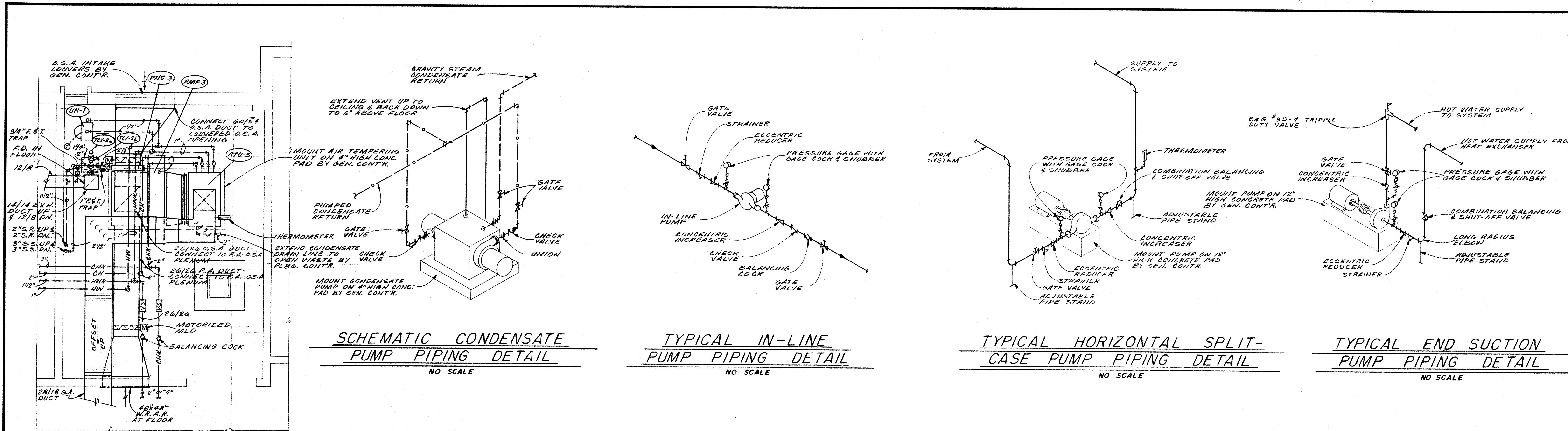
SECOND FLOOR PLAN

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

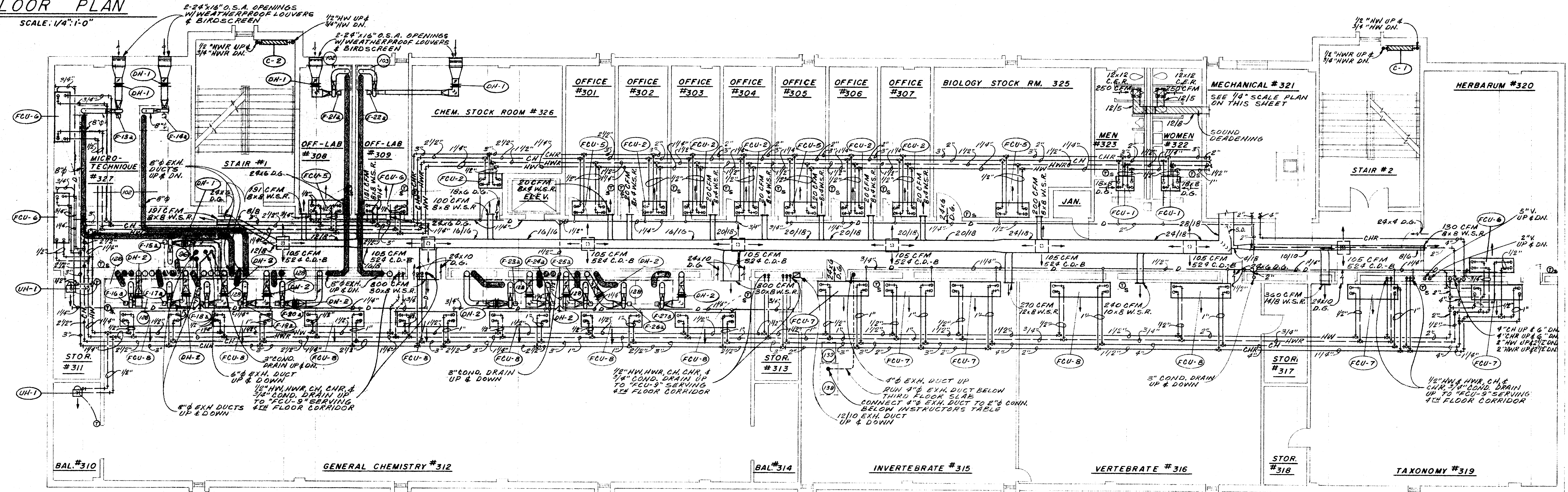
GENERAL NOTES:
 1. ALL FUME HOOD EXHAUST DUCTS & AUXILIARY AIR DUCTS SHALL BE 10" Ø. EXCEPT WHERE SPECIFICALLY INDICATED OTHERWISE.
 2. ALL CONDENSATE DRAIN RUN-OUTS TO FAN COIL UNITS SHALL BE 3/4"



	DATE	6-21-66	LABORATORY SCIENCES BUILDING ARKANSAS STATE COLLEGE JONESBORO, ARKANSAS PROJECT NO. ARK. 5-1479	SHEET NUMBER	M 3		
	DRAWN BY	J. G.		STUCK, FRIER, LANE & SCOTT, INC., ARCHITECTS 601 SOUTHWEST DRIVE • JONESBORO, ARKANSAS		COMMISSION NUMBER	43066
	CHECKED BY	W. B. T.					
	REVISIONS						



MECH. ROOM # 321
FLOOR PLAN
SCALE: 1/4" = 1'-0"



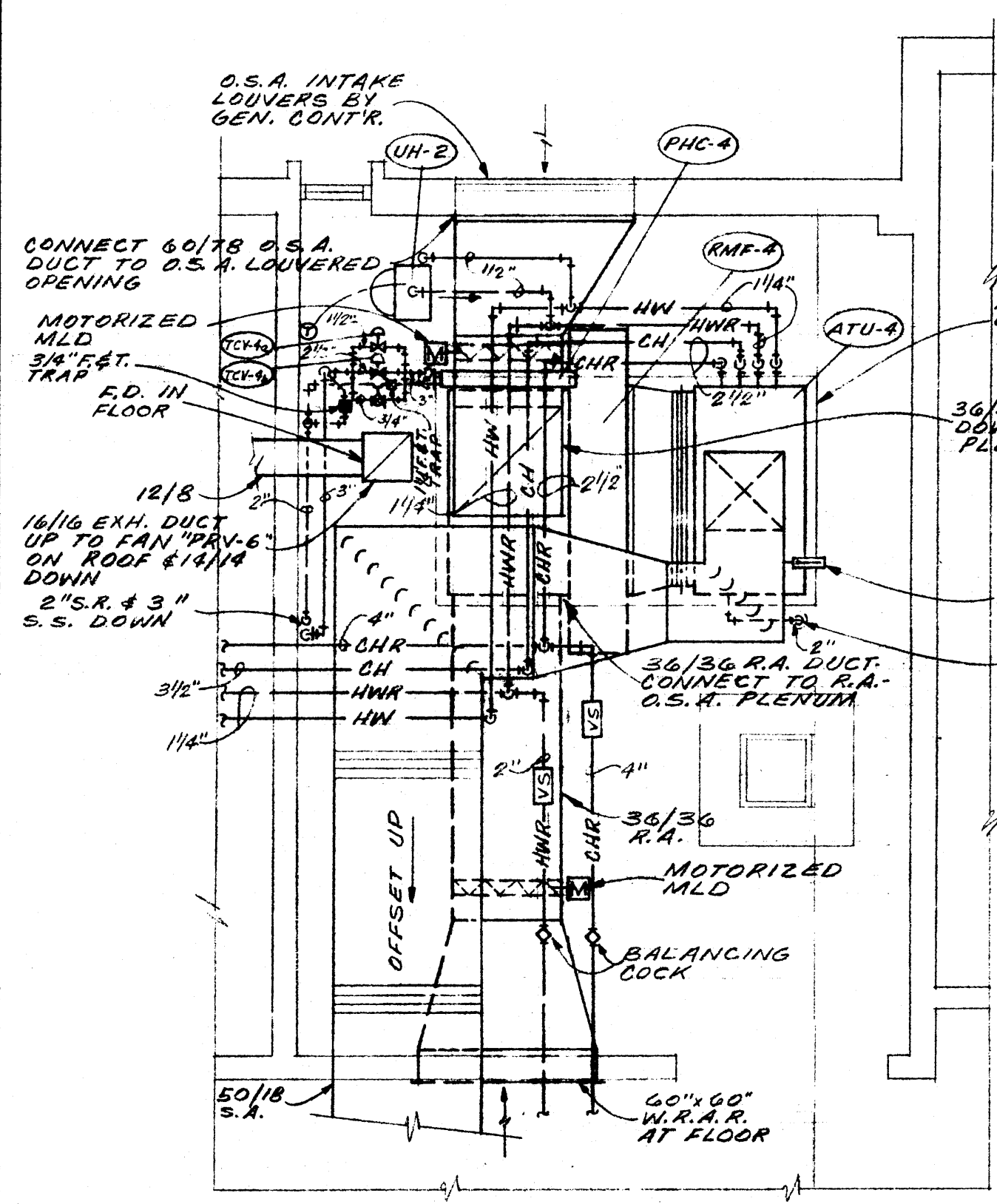
THIRD FLOOR PLAN
SCALE: 1/8" = 1'-0"

GENERAL NOTE:
1. ALL FUME HOOD EXHAUST DUCTS & AUXILIARY AIR DUCTS SHALL BE 10" I.D. EXCEPT WHERE SPECIFICALLY INDICATED OTHERWISE.
2. ALL CONDENSATE DRAIN RUN-OUTS TO FAN COIL UNITS SHALL BE 3/4"

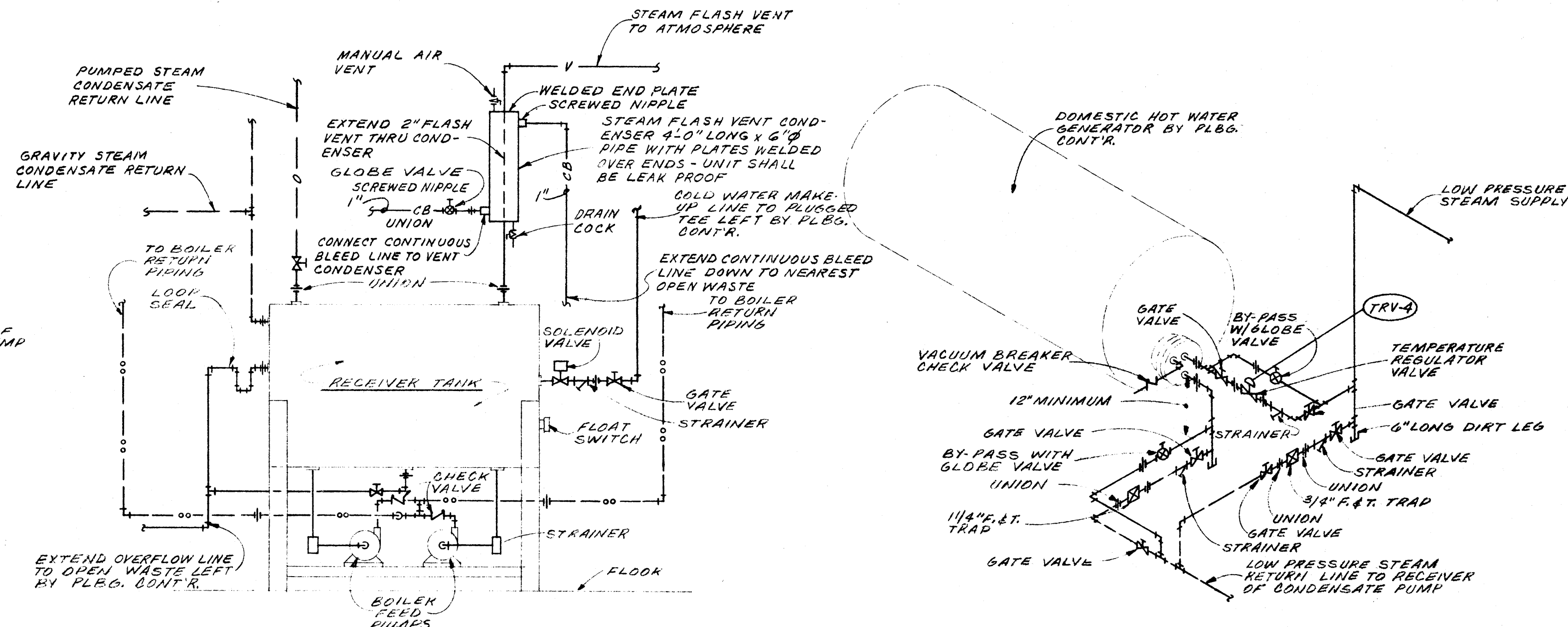
	DATE	6-21-66	LABORATORY SCIENCES BUILDING ARKANSAS STATE COLLEGE JONESBORO, ARKANSAS PROJECT NO. ARK. 5-1479	SHEET NUMBER	M 4	
	DRAWN BY	J.G.		COMMISSION NUMBER		43066
	CHECKED BY	W.B.T.				
	REVISIONS					

WILLIAM B. THOMPSON
MECHANICAL ENGINEER
FALLS BLVD., MEMPHIS, TENN.

STUCK, FRIER, LANE & SCOTT, INC., ARCHITECTS
601 SOUTHWEST DRIVE • JONESBORO, ARKANSAS



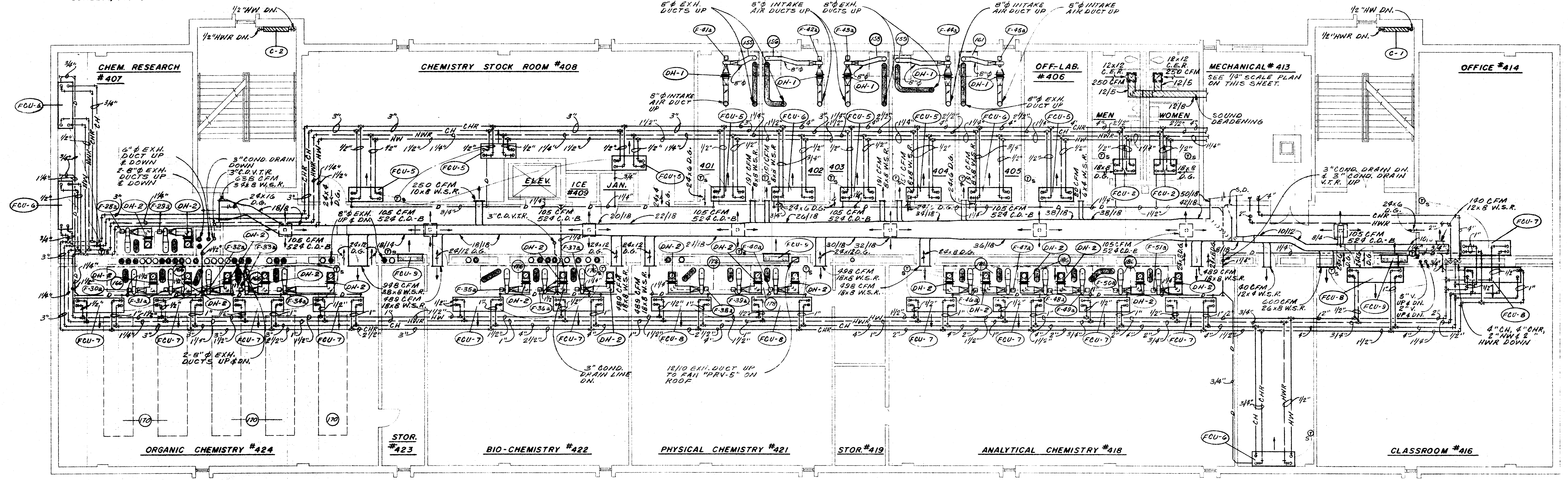
SCHEMATIC HEAT EXCHANGER PIPING DETAIL
NO SCALE



SCHEMATIC BOILER FEED UNIT PIPING DETAIL
NO SCALE

SCHEMATIC STEAM PIPING DETAIL AT DOMESTIC HOT WATER GENERATOR
NO SCALE

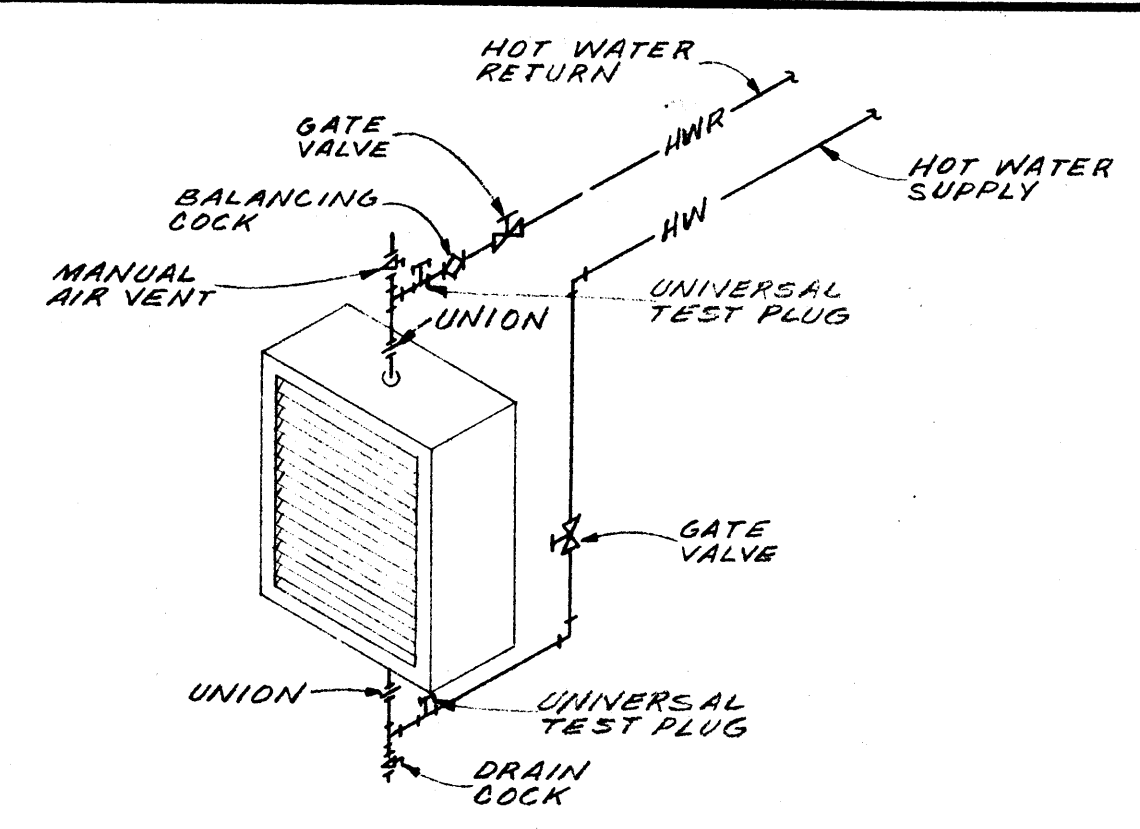
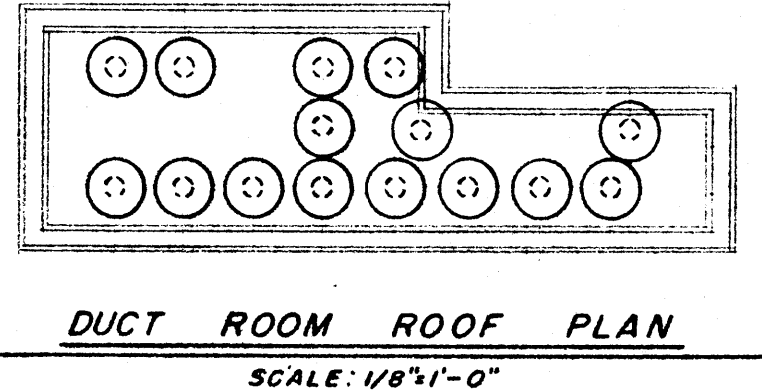
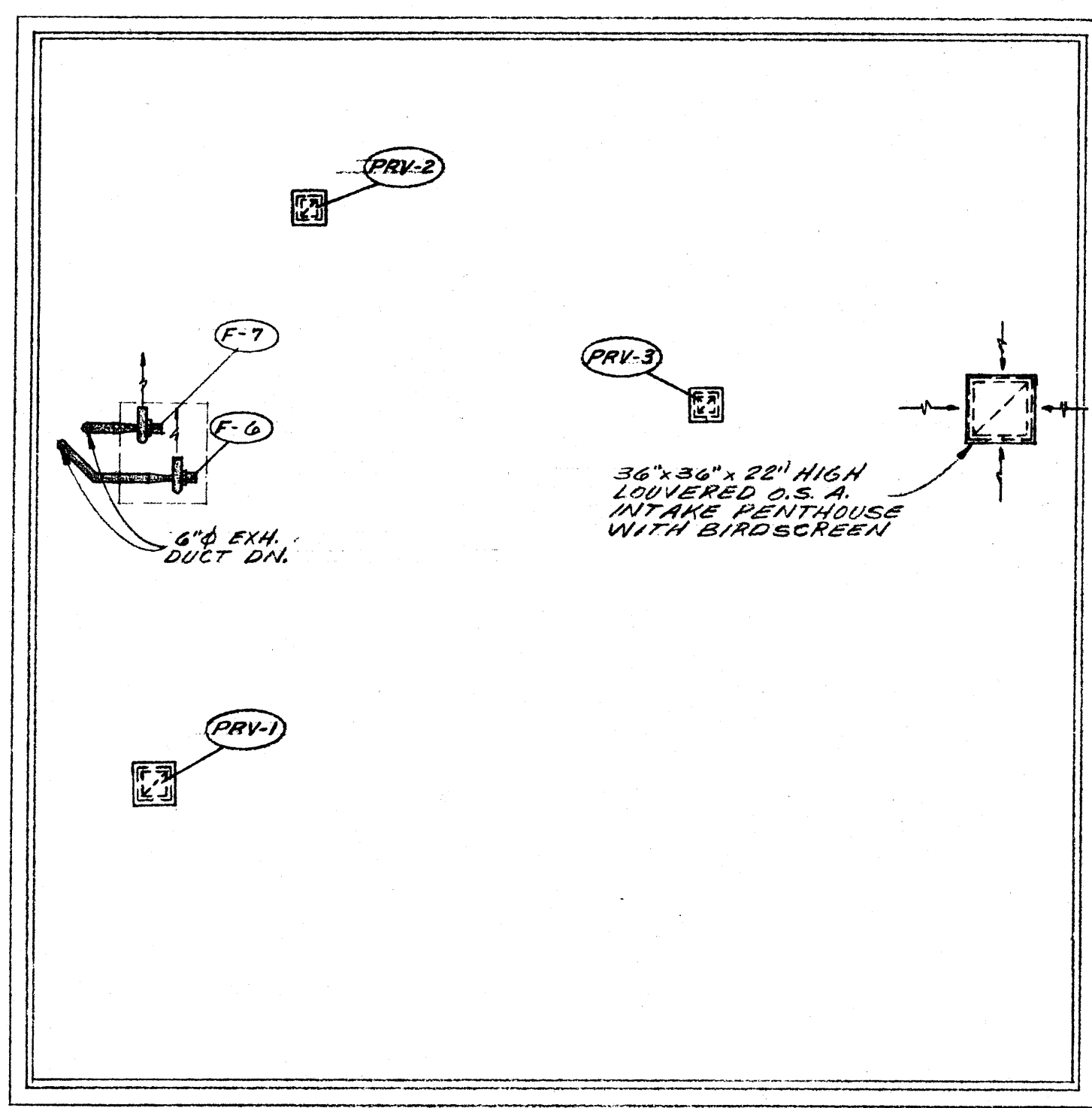
MECH. ROOM #413 FLOOR PLAN
SCALE: 1/4"=1'-0"



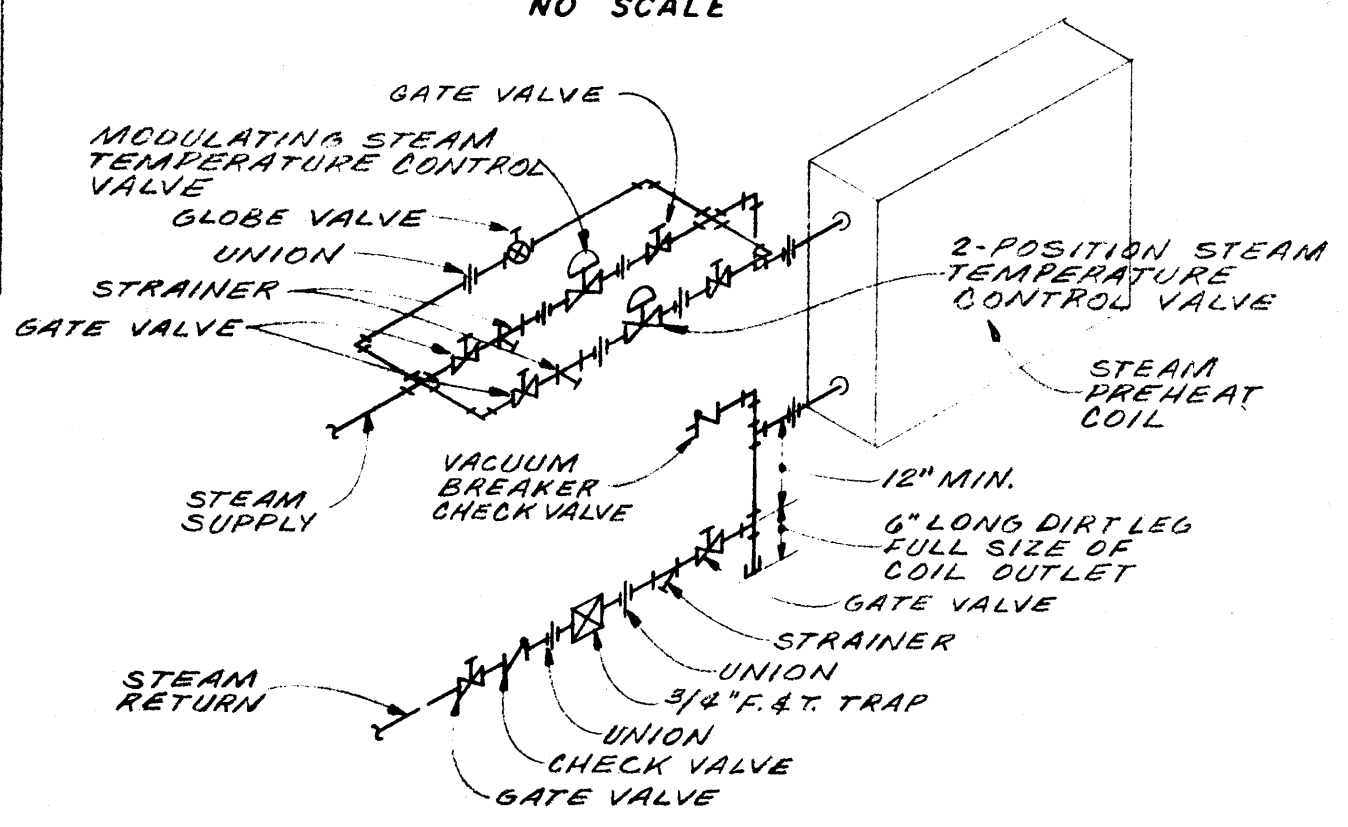
FOURTH FLOOR PLAN
SCALE: 1/8"=1'-0"

GENERAL NOTES:
1. ALL FUME HOOD EXHAUST DUCTS & AUXILIARY AIR DUCTS SHALL BE 10" ID EXCEPT WHERE SPECIFICALLY INDICATED OTHERWISE.
2. ALL CONDENSATE DRAIN RUN-OUTS TO FAN COIL UNITS SHALL BE 3/4"

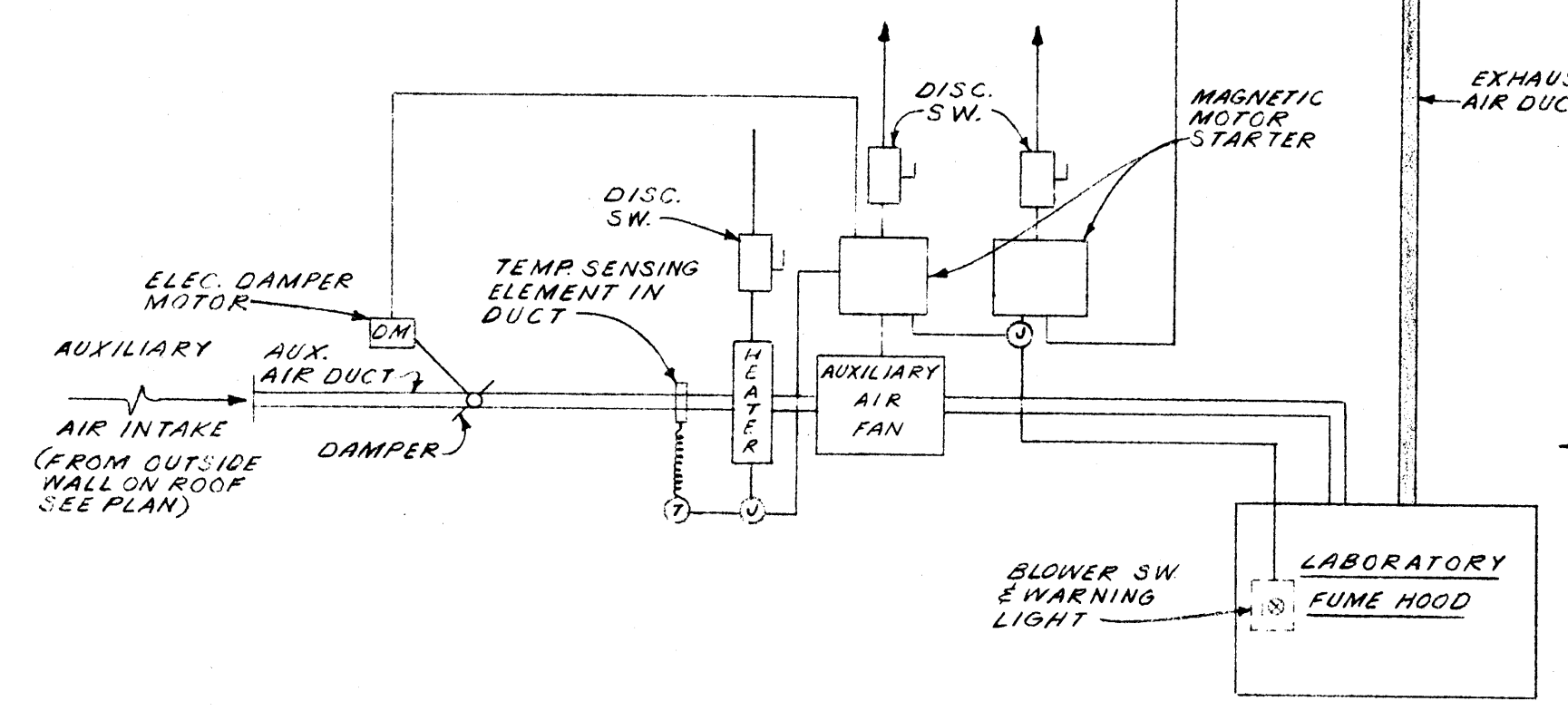
	DATE	6-21-66	LABORATORY SCIENCES BUILDING ARKANSAS STATE COLLEGE JONESBORO, ARKANSAS PROJECT NO. ARK. 5-1479	SHEET NUMBER	M 5		
	DRAWN BY	V.G.		STUCK, FRIER, LANE & SCOTT, INC., ARCHITECTS 601 SOUTHWEST DRIVE • JONESBORO, ARKANSAS		COMMISSION NUMBER	43066
	CHECKED BY	W.B.T.					
	REVISIONS						



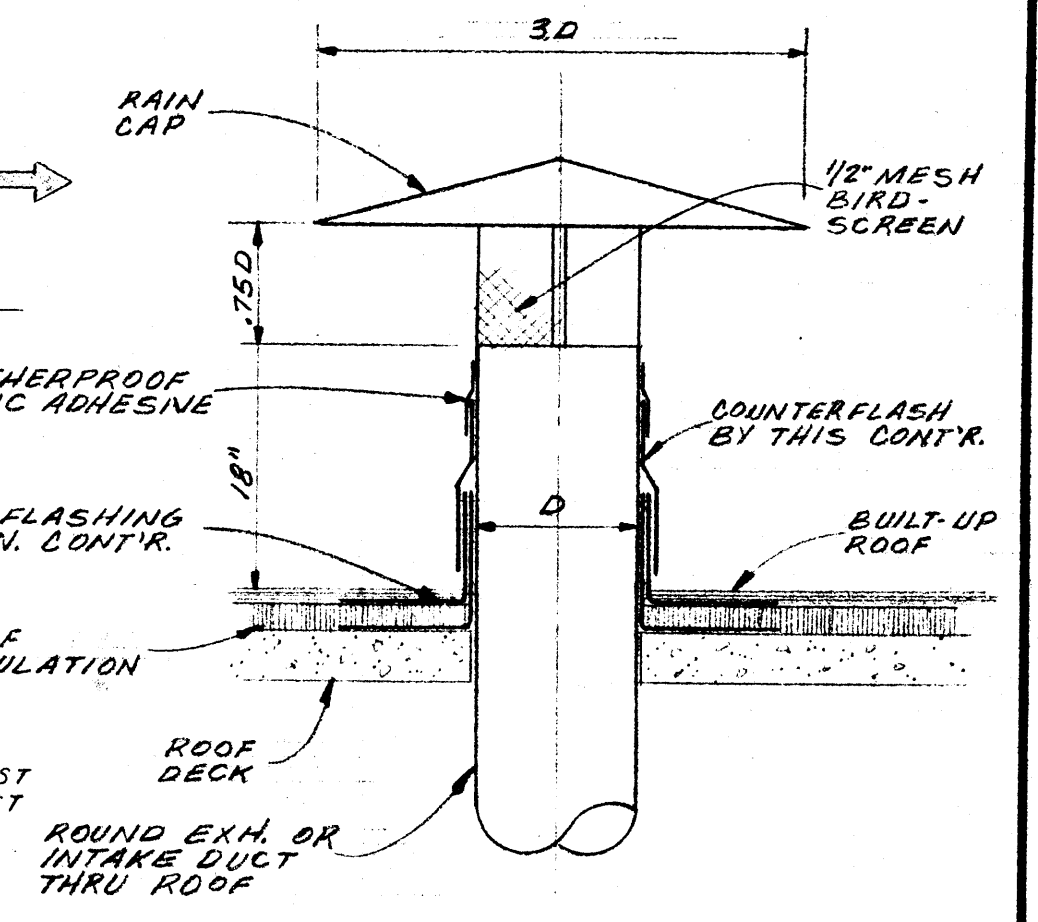
**HOT WATER UNIT
HEATER PIPING DETAIL**
NO SCALE



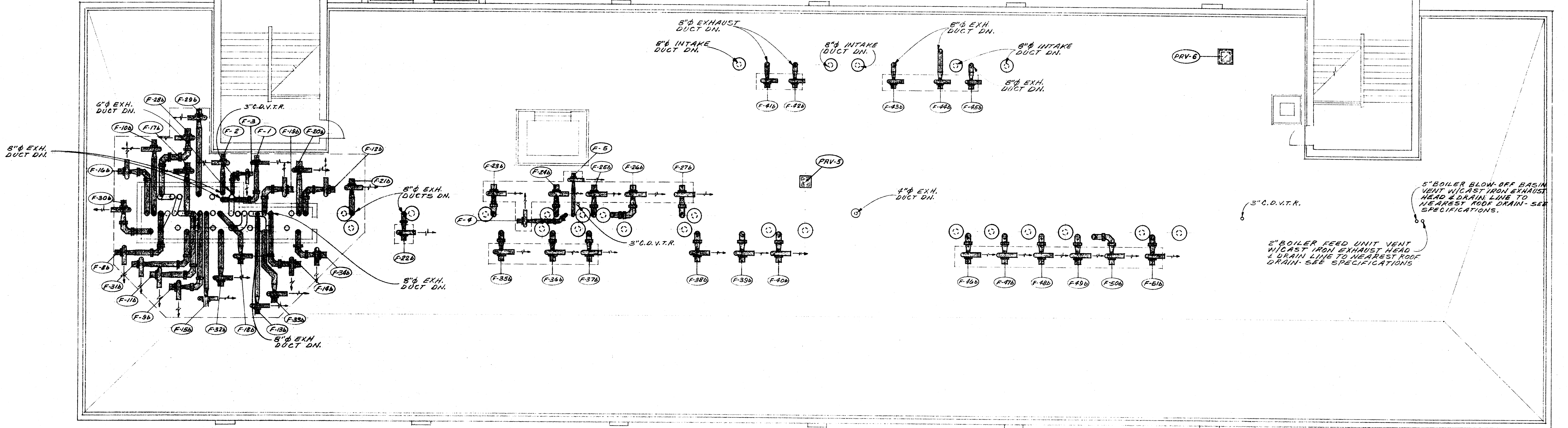
**SCHEMATIC STEAM PREHEAT
COIL PIPING DETAIL**
NO SCALE



**TYPICAL INTERLOCK WIRING DIAGRAM FOR
LABORATORY FUME HOODS WITH EXHAUST
FAN, AUXILIARY AIR DUCT HEATER & AUXILIARY AIR FAN**
NO SCALE



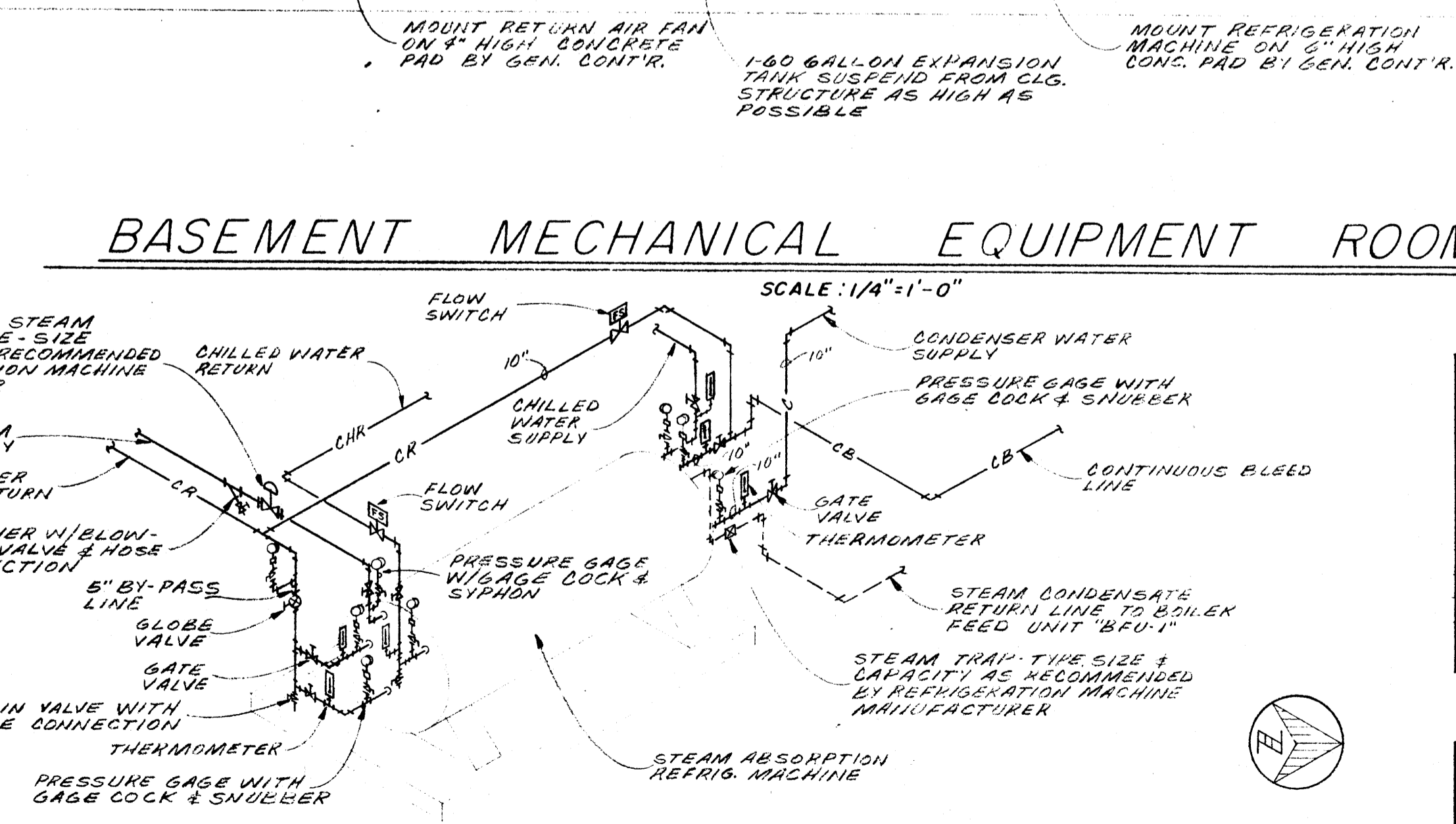
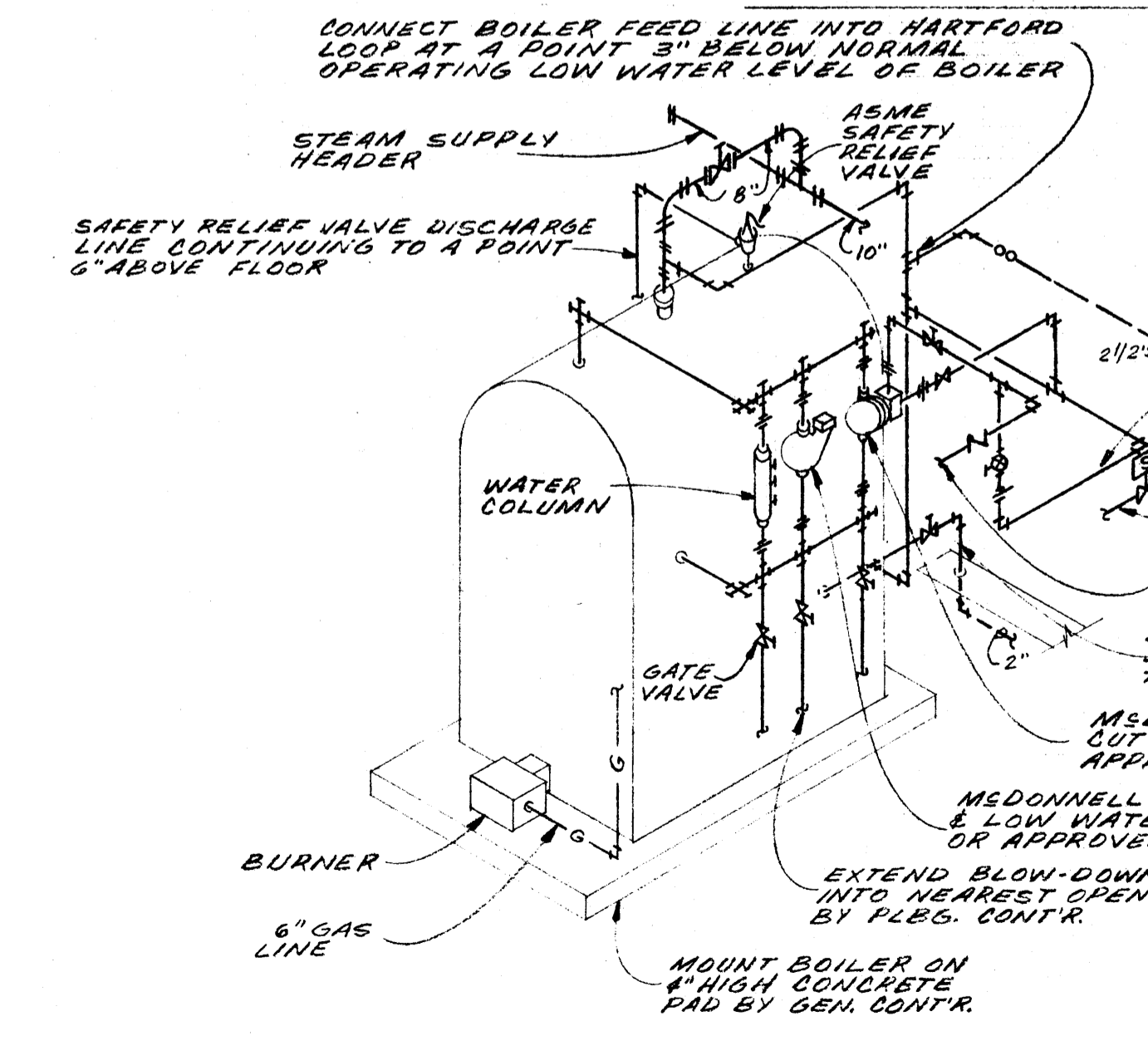
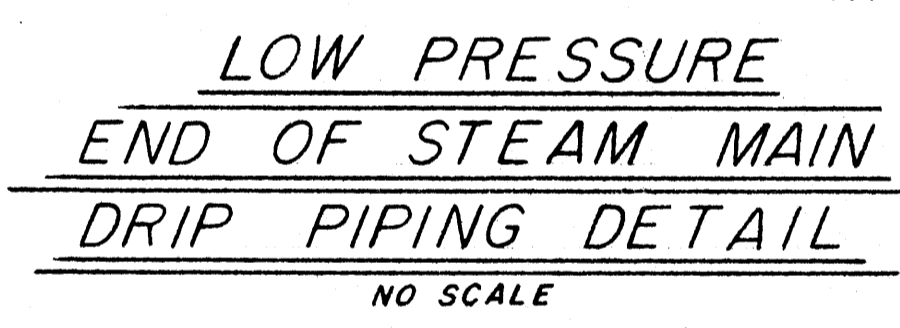
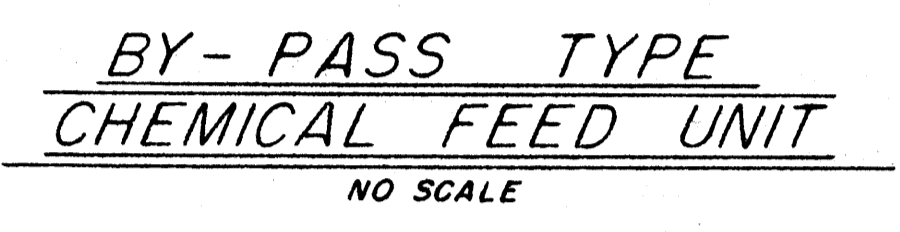
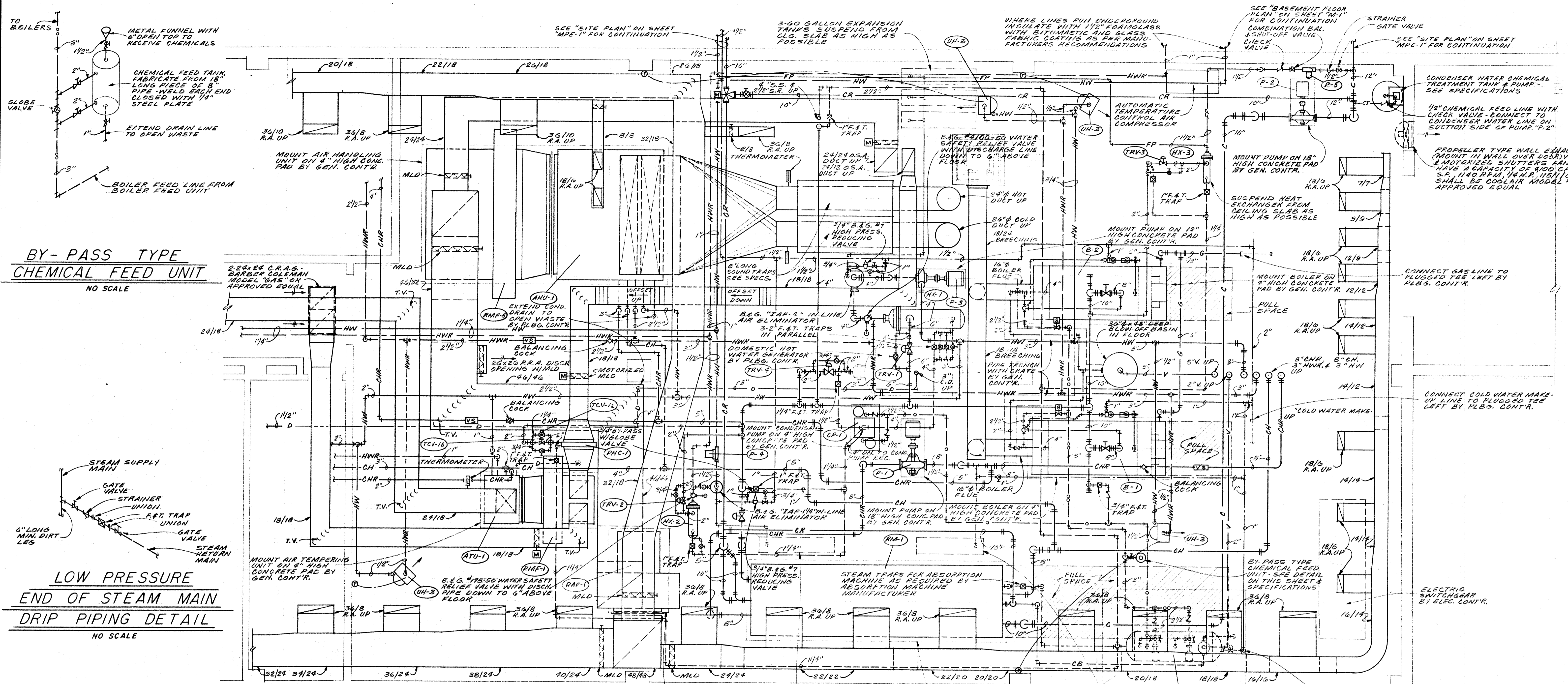
**TYPICAL ROUND DUCT
FLASHING DETAIL AT ROOF**
SCALE: 1" = 1'-0"



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

GENERAL NOTE:
ALL FUME HOOD EXHAUST DUCTS & AUXILIARY AIR DUCTS SHALL BE 10" DIA. EXCEPT WHERE SPECIFICALLY INDICATED OTHERWISE.

	DATE	6-21-66	LABORATORY SCIENCES BUILDING ARKANSAS STATE COLLEGE JONESBORO, ARKANSAS PROJECT NO. ARK. 5-1478	SHEET NUMBER	
	DRAWN BY	J.G.		STUCK, FRIER, LANE & SCOTT, INC., ARCHITECTS 601 SOUTHWEST DRIVE • JONESBORO, ARKANSAS	M 6 COMMISSION NUMBER 43066
	CHECKED BY	W.B.T.			
	REVISIONS				



BASEMENT MECHANICAL EQUIPMENT ROOM #9 PLAN

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

PNEUMATIC TEMPERATURE CONTROL VALVE SCHEDULE

MARK	TYPE	STEAM CAP. #/HR	MAX. STEAM PD. THRU VALVE	INITIAL STEAM PRESS.
TCV-1a	STEAM 2-POSITION	46	7	12
TCV-1b	STEAM MODULATING	139	7	12
TCV-2a	STEAM 2-POSITION	62	7	12
TCV-2b	STEAM MODULATING	194	7	12
TCV-3a	STEAM 2-POSITION	62	7	12
TCV-3b	STEAM MODULATING	186	7	12
TCV-4a	STEAM 2-POSITION	112	7	12
TCV-4b	STEAM MODULATING	310	7	12



DATE: 6-21-66
 DRAWN BY: J.G.
 CHECKED BY: W.B.T.
 REVISIONS:

LABORATORY SCIENCES BUILDING
 ARKANSAS STATE COLLEGE
 JONESBORO, ARKANSAS
 PROJECT NO. ARK. 5-1470
STUCK, FRIER, LANE & SCOTT, INC., ARCHITECTS
 601 SOUTHWEST DRIVE • JONESBORO, ARKANSAS

SHEET NUMBER
M
7
 COMMISSION NUMBER
 43066

ATTENUATOR MIXING UNIT SCHEDULE							
MARK	CAPACITY CFM	MAX. REQ'D. OPER. S.P. INCHES H ₂ O	MAX. NC @ 3" S.P.	MARK	CAPACITY CFM	MAX. REQ'D. OPER. S.P. INCHES H ₂ O	MAX. NC @ 3" S.P.
A	128	.35	34	G	620	.45	36
B	264	.50	43	H	775	.61	41
C	336	.32	35	J	1,300	.45	40
D	394	.45	34	K	1,412	.55	43
E	485	.65	41	L	1,600	.70	45
F	586	.38	34				

STEAM BOILER SCHEDULE								
MARK	TYPE	GAS INPUT BTU/HR	GROSS OUTPUT BTU/HR	MIN. SQ. FT. HEATING SURFACE ASME	LB/STEAM PER HR	OPERATING PRESSURE	NET CU. FT. FURNACE VOLUME	BURNER MOTOR DATA
(B-1)	LOW PRESSURE PACKAGE FIRE TUBE	4,880,000	3,900,000	562	4,150	15	88	1/2 H.P. 208/3/60
(B-2)		SAME AS BOILER "B-1"						

BOILER FEED UNIT SCHEDULE						
MARK	TYPE	GROSS STORAGE CAPACITY	CAPACITY GPM/PUMP	DISCHARGE PRESSURE	MOTOR DATA	REMARKS
(BFU-1)	PACKAGE DUPLEX PUMP & RECEIVER UNIT	500 GAL.	34	20 PSI	1 H.P./PUMP 208/3/60	

DUPLEX CONDENSATE PUMP SCHEDULE						
MARK	TYPE	NET RECEIVER CAPACITY	GPM/PUMP	DISCHARGE PRESSURE PSI	MOTOR DATA	REMARKS
(CP-1)	DUPLEX PUMP UNIT W/CAST IRON RECEIVER	18	20	10	1/8 H.P./PUMP 115/1/60	

PUMP SCHEDULE						
MARK	TYPE	GPM	HEAD IN FT. H ₂ O	MOTOR DATA		SERVICE
				H.P.	RPM	
(P-1)	HORIZ. SPLIT CASE DOUBLE SUCTION W/MECH. SEAL	1,080	120	50 HP * 208/3/60	1750	DRIP PROOF CHILLED WATER
(P-2)	HORIZ. SPLIT CASE DOUBLE SUCTION W/MECH. SEAL	1,300	70	30 HP * 208/3/60	1750	-DO- CONDENSER WATER
(P-3)	VERT. SPLIT CASE W/MECH. SEAL	280	75	10 H.P. 208/3/60	1750	-DO- HOT WATER - HEATING
(P-4)	IN-LINE CIRCULATOR	16	25	1/4 H.P. 208/3/60	1750	-DO- HOT WATER - CONNECTORS...
(P-5)	IN-LINE CIRCULATOR	20	20	1/4 H.P. 208/3/60	1750	-DO- HOT WATER - FREEZE PROTECTION

* FURNISH WITH REDUCED VOLTAGE STARTER

HEAT EXCHANGER SCHEDULE									
MARK	CAPACITY BTU/HR	GPM	ENT. WATER TEMP.	LVG. WATER TEMP.	MAXIMUM WATER VEL. FT./SEC.	MAXIMUM WATER RD. HEATING SURFACE	MIN. SQ. FT. HEATING SURFACE	STEAM OPERATING PRESSURE	REMARKS
(HX-1)	3,880,000	286	113°	140°	3	5	100	5 PSIG	
(HX-2)	184,000	16	176°	200°	3	3	14	5 PSIG	
(HX-3)	200,000	20	35°	55°	3	3	4	5 PSIG	

TEMPERATURE REGULATOR VALVE SCHEDULE					
MARK	CAPACITY LBS/STEAM/HR	INITIAL STEAM PRESSURE (PSIG)	MAX. PRESSURE DROP THRU VALVE (PSI)	ADJUSTABLE WATER TEMP. RANGE (MIN)	TYPE
(TRV-1)	4,000	13	7	160°-120°	PNEUMATICALLY CONTROLLED TEMP. CONTROL VALVE
(TRV-2)	190	13	7	220°-180°	-DO-
(TRV-3)	208	13	7	95°-55°	-DO-
(TRV-4)	286	13	7	120°-160°	SELF CONTAINED "FAIL SAFE" TYPE VALVE

POWER ROOF VENTILATOR SCHEDULE						
MARK	TYPE	CFM	S.P. IN INCHES H ₂ O	MAX. FAN RPM	MAX. FAN TIP SPEED	FAN DRIVE MOTOR DATA
(PRV-1)	ALUM. COVERED HORIZ. DISCH. CENTRIFUGAL POWER ROOF VENTILATOR	1,700	1/8"	500	2,870	ADJUST. V-BELT 1/4 H.P. 115/1/60
(PRV-2)	-DO-	820	1/8"	750	2,570	-DO- 1/8 H.P. 115/1/60
(PRV-3)	-DO-	370	1/2"	985	3,400	-DO- 1/4 H.P. 115/1/60
(PRV-4)	-DO-	500	1/4"	850	2,700	-DO- 1/8 H.P. 115/1/60
(PRV-5)	-DO-	865	3/4"	990	4,200	-DO- 1/2 H.P. 115/1/60
(PRV-6)	-DO-	1,500	1/2"	640	3,500	-DO- 1/2 H.P. 115/1/60

ABSORPTION REFRIGERATION MACHINE SCHEDULE														
MARK	TYPE	CAP. TONS	STEAM RATE #/HR/TON (MAX.)	OPER. STEAM PRESS. PSIG	ENT. CHILLED WATER TEMP.	LVG. CHILLED WATER TEMP.	CHILLED WATER GPM	CHILLED WATER RD. FL. H ₂ O	ENT. CONDENSER WATER TEMP.	LVG. CONDENSER WATER TEMP.	MAX. CONDENSER WATER GPM	CONDENSER WATER RD. FT. H ₂ O	APPROX. MOTOR H.P.	COOLER & CONDENSER FOULING FACTOR
(RM-1)	LOW PRESS. STEAM	326	20.8	10	49.2°	42.0°	1,086	35'	85.0°	100.5°	1300	25'	3-5 H.P. 4 1/8 H.P. 208/3/60	.0005

AIR HANDLING UNIT SCHEDULE															
MARK	TYPE	SERVICE	TOTAL CFM	O.S.A. CFM	EXT. SP. IN IN H ₂ O	COOLING COIL DATA				HEATING COIL DATA				MOTOR DATA	
						TOTAL % COOLING BTU/HR	ENT. AIR DB	LVG. AIR WB	LVG. AIR DB	W.B. GPM	OUTPUT BTU/HR	ENT. AIR DB	LVG. AIR WB		LVG. AIR DB
(AHU-1)	LOW PRESSURE VERT. DRAW-THRU	BASEMENT MAKE-UP AIR	3,280	100%	1.1"	225,000	95.0	78.0	59.0	58.5	39	88,500	45.0	9	2 H.P. 208/3/60
(AHU-2)	-DO-	SECOND FLOOR MAKE-UP AIR	4,600	100%	0.9"	337,000	95.0	78.0	59.0	58.5	55	124,000	45.0	12	2 H.P. 208/3/60
(AHU-3)	-DO-	THIRD FLOOR MAKE-UP AIR	4,400	100%	0.90"	312,000	95.0	78.0	59.0	58.5	52	118,500	45.0	12	2 H.P. 208/3/60
(AHU-4)	-DO-	FOURTH FLOOR MAKE-UP AIR	7,370	100%	0.90"	522,000	95.0	78.0	59.0	58.5	87	198,000	45.0	20	5 H.P. 208/3/60
(AHU-1)	HIGH VELOCITY DUAL DUCT UNIT	FIRST FLOOR	15,300	4,525	4.9"	950,000	86.0	70.0	50.0	49.5	159	784,365 @ 14,450 CFM	49.8	79	208/3/60
(AHU-2)	LOW PRESSURE MULTI-ZONE UNIT	LECTURE HALLS	14,820	3,180	1.0"	548,000	83.2	68.6	58.0	57.0	92	471,540 @ 11,500 CFM	55.0	47	10 H.P. 208/3/60

* COOLING CAPACITIES BASED ON 42° ENT. WATER & HEATING CAPACITIES BASED ON 140° ENT. WATER. NOTE: WATER PRESSURE DROPS THRU COOLING COIL SHALL NOT EXCEED 10 FT. W.C. & THRU HEATING COIL SHALL NOT EXCEED 5 FT. W.C.

STEAM HEATING COIL SCHEDULE									
MARK	SERVICE	CFM	OUTPUT BTU/HR	ENT. AIR TEMP.	LVG. AIR TEMP.	STEAM PRESS. PSIG	STEAM CAPACITY #/HR	MAX. COIL FACE VEL. CFM	MAX. FINS PER INCH
(PHC-1)	UNIT "ATU-1"	3,280	177,000	0°	50°	5	185	800	4
(PHC-2)	UNIT "ATU-2"	4,600	249,000	0°	50°	5	259	800	4
(PHC-3)	UNIT "ATU-3"	4,400	237,000	0°	50°	5	248	800	4
(PHC-4)	UNIT "ATU-4"	7,365	394,000	0°	50°	5	414	800	4

AUTOMATIC ROLLING MEDIA FILTER SCHEDULE						
MARK	CFM	MAX. FACE VEL.	MAX. S.P. IN IN H ₂ O (CLEAN)	APPROX. FACE AREA SQ. FT.	MOTOR ELEC. SERVICE	REMARKS
(RMF-1)	3,280	550 FPM	0.6	50"x18"	115/1/60	SERVES UNIT "ATU-1"
(RMF-2)	4,600	-DO-	-DO-	50"x28"	-DO-	SERVES UNIT "ATU-2"
(RMF-3)	4,400	-DO-	-DO-	50"x28"	-DO-	SERVES UNIT "ATU-3"
(RMF-4)	7,370	-DO-	-DO-	64"x32"	-DO-	SERVES UNIT "ATU-4"
(RMF-5)	15,300	-DO-	-DO-	109"x42"	-DO-	SERVES UNIT "AHU-1"
(RMF-6)	14,820	-DO-	-DO-	109"x42"	-DO-	SERVES UNIT "AHU-2"

CENTRIFUGAL RETURN AIR FAN SCHEDULE									
MARK	TYPE	INCLINE OF BLADE	CFM	S.P. IN IN H ₂ O	FAN CLASS	MAX. RPM	MAX. TIP SPEED	DRIVE	MOTOR DATA
(RAF-1)	CENTRIFUGAL AIRFOIL	BACKWARD	15,300	0.75	1	654	6,220	BELT	5 H.P. 208/3/60

HOT WATER UNIT HEATER SCHEDULE							
MARK	TYPE	CAPACITY BTU/HR	MAX. CFM	MOTOR DATA	GPM	MAX. WATER RD. FT. H ₂ O	REMARKS
(UH-1)	HORIZ. DISCH. PROPELLER UNIT HR	5050	320	1/4 H.P. 115/1/60	0.5	1.0'	FURNISH W/4-WAY ADJUST. DISCH. LOUVERS
(UH-2)	-DO-	10,000	520	1/2 H.P. 115/1/60	1.0	1.0'	-DO-
(UH-3)	-DO-	43,500	1670	1/2 H.P. 115/1/60	4.4	2.0'	-DO-

* CAPACITIES BASED ON 140° ENT. WATER TEMP. & 65° ENT. AIR TEMP.

CONVECTOR SCHEDULE							
MARK	TYPE	CAPACITY BTU/HR	CABINET DIMENSIONS			GPM	REMARKS
			LENGTH	HEIGHT	DEPTH		
(C-1)	SLOPING TOP WALL HUNG CONVECTOR	4,523	48"	32"	10"	1.5	FURNISH WITH TYP. DAMPER CONTROL & EXTENDED AIR VENT.
(C-2)	-DO-	12,692	48"	32"	8"	1.3	-DO-
(C-3)	-DO-	9,000	48"	26"	6"	1.0	-DO-
(C-4)	-DO-	6,814	32"	18"	8"	0.7	-DO-

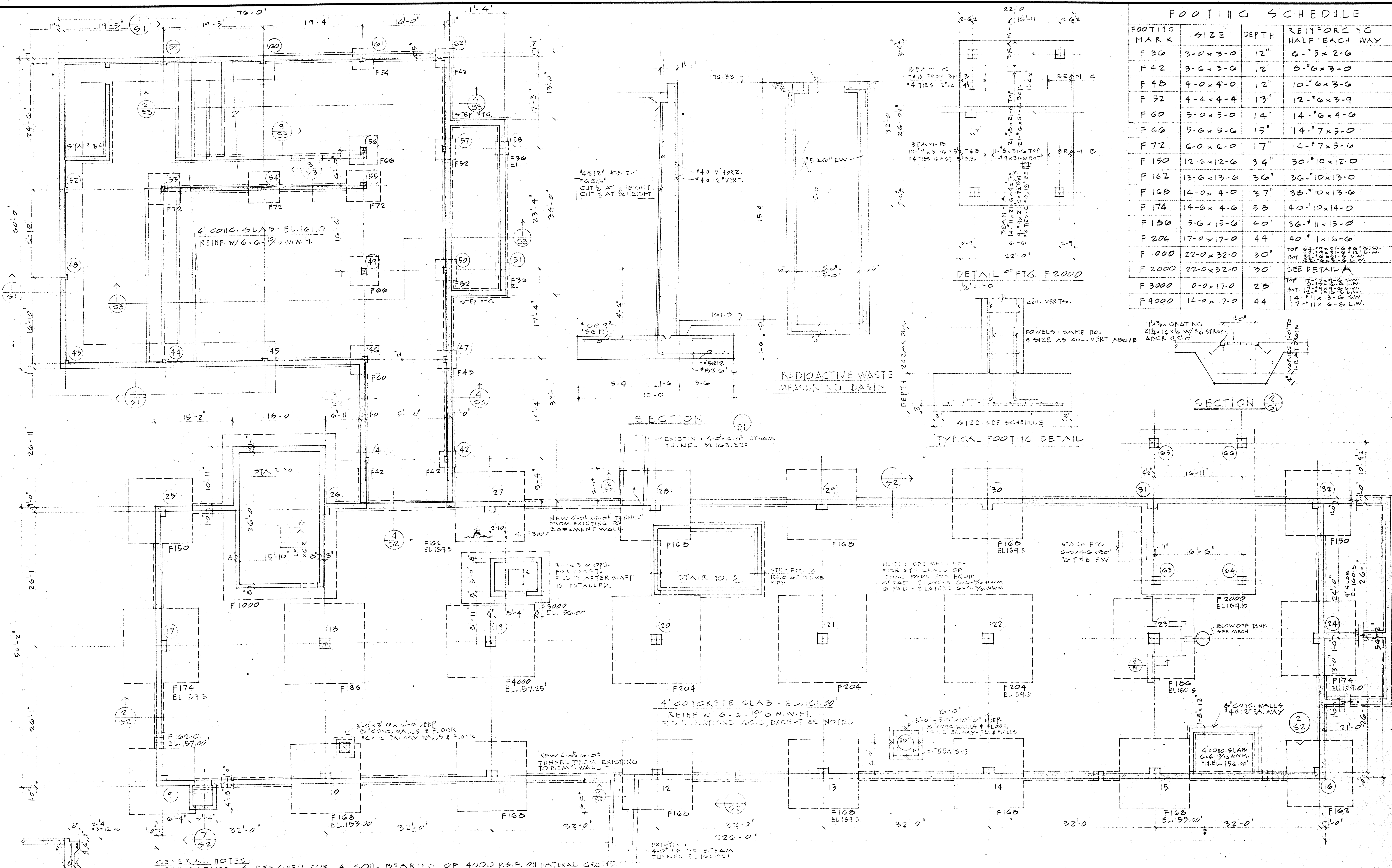
* CAPACITIES BASED ON 190° AVERAGE WATER TEMP. & 65° ENT. AIR TEMP.

ELECTRIC DUCT HEATER SCHEDULE								
MARK	CAPACITY WATTS	DUCT DIMENSIONS		ELECTRICAL RATING		NO. OF CIRCUITS	AIR FLOW	REMARKS
		HEIGHT (IN)	WIDTH (IN)	VOLTAGE	PHASE			
(DH-1)	3,000	8	12	208	1	1	HORIZ.	
(DH-2)	5,000	12	12	208	3	1	HORIZ.	

FAN COIL UNIT SCHEDULE										
MARK	TYPE	CFM	COOLING COIL DATA			HEATING COIL DATA			MOTOR DATA	
			TOTAL SENSIBLE COOLING BTU/HR	COOLING SURFACE SQ. FT.	CFM	AT	BTU/HR	GPM	AT	HP
(FCU-1)	HORIZ. SUSPENDED CABINET UNIT - CRAPT DISCHARGE & BOTTOM RETURN WITH THROW AWAY FILTERS	200	5,900	4,327	0.75	13.4°	3,000 S.F. LOW SPD.	0.3	21°	50 WATTS 115/1/60
(FCU-2)	-DO-	300	9,750	6,684	2.0	12.0°	6,425 S.F. LOW SPD.	0.7	20°	80 WATTS 115/1/60
(FCU-3)	-DO-	400	11,650	8,600	1.6	14.0°	5,000 S.F. LOW SPD.	0.25	40°	85 WATTS 115/1/60
(FCU-4)	-DO-	525	16,000	11,562	3.2	12.0°	6,290 S.F. LOW SPD.	0.22	40°	110 WATTS 115/1/60
(FCU-5)	-DO-	630	17,700	13,684	2.6	13.4°	8,741 S.F. LOW SPD.	0.60	29°	130 WATTS 115/1/60
(FCU-6)	-DO-	820	25,100	17,784	4.6	11.0°	14,368 S.F. LOW SPD.	0.86	35°	150 WATTS 115/1/60
(FCU-7)	-DO-	1,050	33,400	25,293	8.5	8.0°	12,822 S.F. LOW SPD.	1.00	40°	220 WATTS 115/1/60
(FCU-8)	-DO-	1,260	40,400	27,937	10.0	8.0°	13,951 S.F. LOW SPD.	1.50	28°	230 WATTS 115/1/60
(FCU-9)	VERTICAL, RECESSED FAN COIL UNIT WITH THROW AWAY FILTERS	400	14,500	8,550	1.70	14.0°	6,450	0.85	15°	95 WATTS 115/1/60

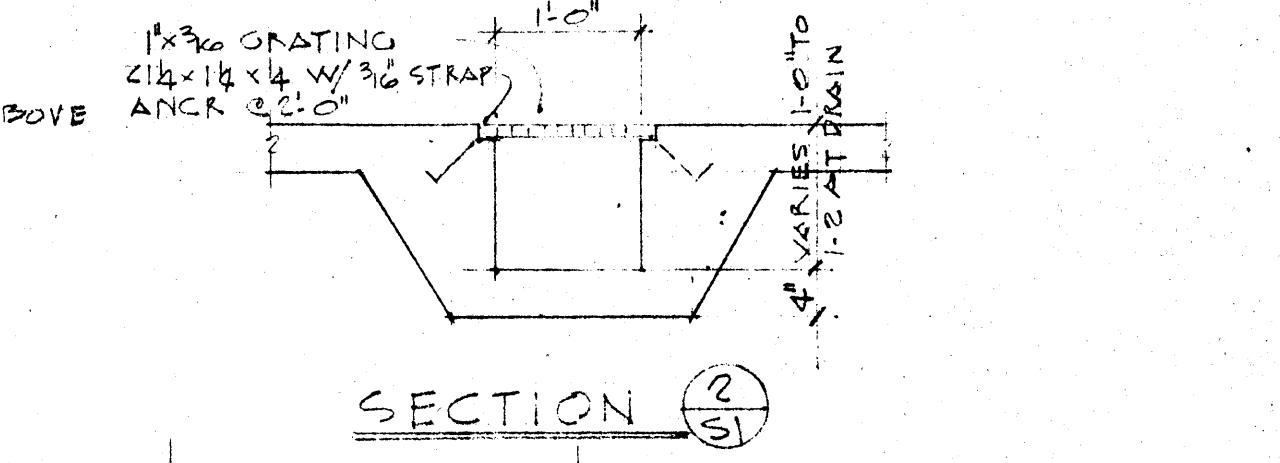
COOLING CAPACITIES BASED ON 42° ENT. WATER, 78° DB & 65° WB ENTERING AIR TEMP. HEATING CAPACITIES BASED ON 140° ENT. WATER & 70° ENT. AIR TEMP. HEATING CAPACITIES BASED ON 140° ENT. WATER & 70° ENT. AIR TEMP. WATER PRESSURE DROP THRU HEATING COIL SHALL NOT EXCEED 5 FT. W.C.

FUME HOOD FAN SCHEDULE													
MARK	SERVICE	CFM	S.P. IN IN H ₂ O	MAX. RPM	MAX. TIP SPEED	MOTOR DATA	SAME AS FAN "F-80"						
							MARK	SERVICE	CFM	S.P. IN IN H ₂ O	MAX. RPM	MAX. TIP SPEED	MOTOR DATA
(F-1)	EXHAUST	638	3"	3,450	9,600	1 H.P. 208/3/60	(F-25B)						
(F-2)	EXHAUST	638	1"	1,725	4,050	1/8 H.P. 115/1/60	(F-26B)						
(F-3)	EXHAUST	150	1/2"	1,725	2,700	1/4 H.P. 115/1/60	(F-27B)						
(F-4)	EXHAUST	680	1"	1,725	4,050	1/8 H.P. 115/1/60	(F-28B)						
(F-5)	EXHAUST	680	1/4"	1,725	4,050	1/8 H.P. 115/1/60	(F-29B)						
(F-6)	EXHAUST	150	1/2"	1,725	2,700	1/4 H.P. 115/1/60	(F-30B)						
(F-7)	EXHAUST	150	1/2"	1,725	2,700	1/4 H.P. 115/1/60	(F-31B)						
(F-8)	AUXILIARY AIR	784	5/8"	1,725	4,050	1/8 H.P. 115/1/60	(F-32B)						
(F-8A)	EXHAUST	1062	1/4"	1,725	4,780	3/4 H.P. 115/1/60	(F-33B)						
(F-8B)							(F-34B)						
(F-9)							(F-35B)						
(F-9A)							(F-36B)						
(F-9B)							(F-37B)						
(F-10)							(F-38B)						
(F-10A)							(F-39B)						
(F-10B)							(F-40B)						
(F-11)							(F-41B)						
(F-11A)							(F-42B)						



FOOTING SCHEDULE

FOOTING MARK	SIZE	DEPTH	REINFORCING HALF EACH WAY
F 30	3-0 x 3-0	12"	6-#5 x 2-6
F 42	3-6 x 3-6	12"	8-#6 x 3-0
F 48	4-0 x 4-0	12"	10-#6 x 3-6
F 52	4-4 x 4-4	13"	12-#6 x 3-9
F 60	5-0 x 5-0	14"	14-#6 x 4-0
F 66	5-6 x 5-6	15"	14-#7 x 5-0
F 72	6-0 x 6-0	17"	14-#7 x 5-6
F 150	12-6 x 12-6	34"	30-#10 x 12-0
F 162	13-6 x 13-6	36"	36-#10 x 13-0
F 168	14-0 x 14-0	37"	38-#10 x 13-6
F 174	14-6 x 14-6	38"	40-#10 x 14-0
F 186	15-6 x 15-6	40"	36-#11 x 15-0
F 204	17-0 x 17-0	44"	40-#11 x 16-0
F 1000	22-0 x 32-0	30"	TOP: 22-#12 x 22-0 BOT: 22-#12 x 32-0
F 2000	22-0 x 32-0	30"	SEE DETAIL A
F 3000	10-0 x 17-0	28"	TOP: 10-#12 x 17-0 BOT: 10-#12 x 17-0
F 4000	14-0 x 17-0	44"	TOP: 14-#12 x 17-0 BOT: 14-#12 x 17-0



DETAIL OF FTG F2000
1/8" = 1'-0"

SECTION (S2)
1/8" = 1'-0"

TYPICAL FOOTING DETAIL

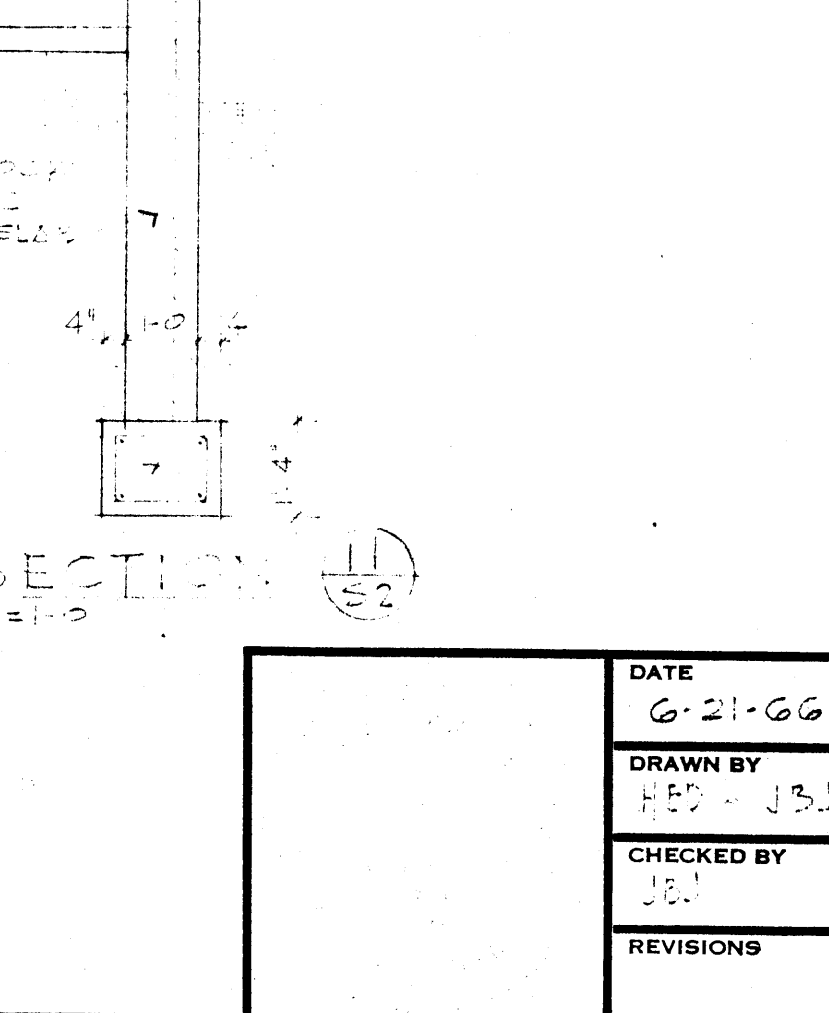
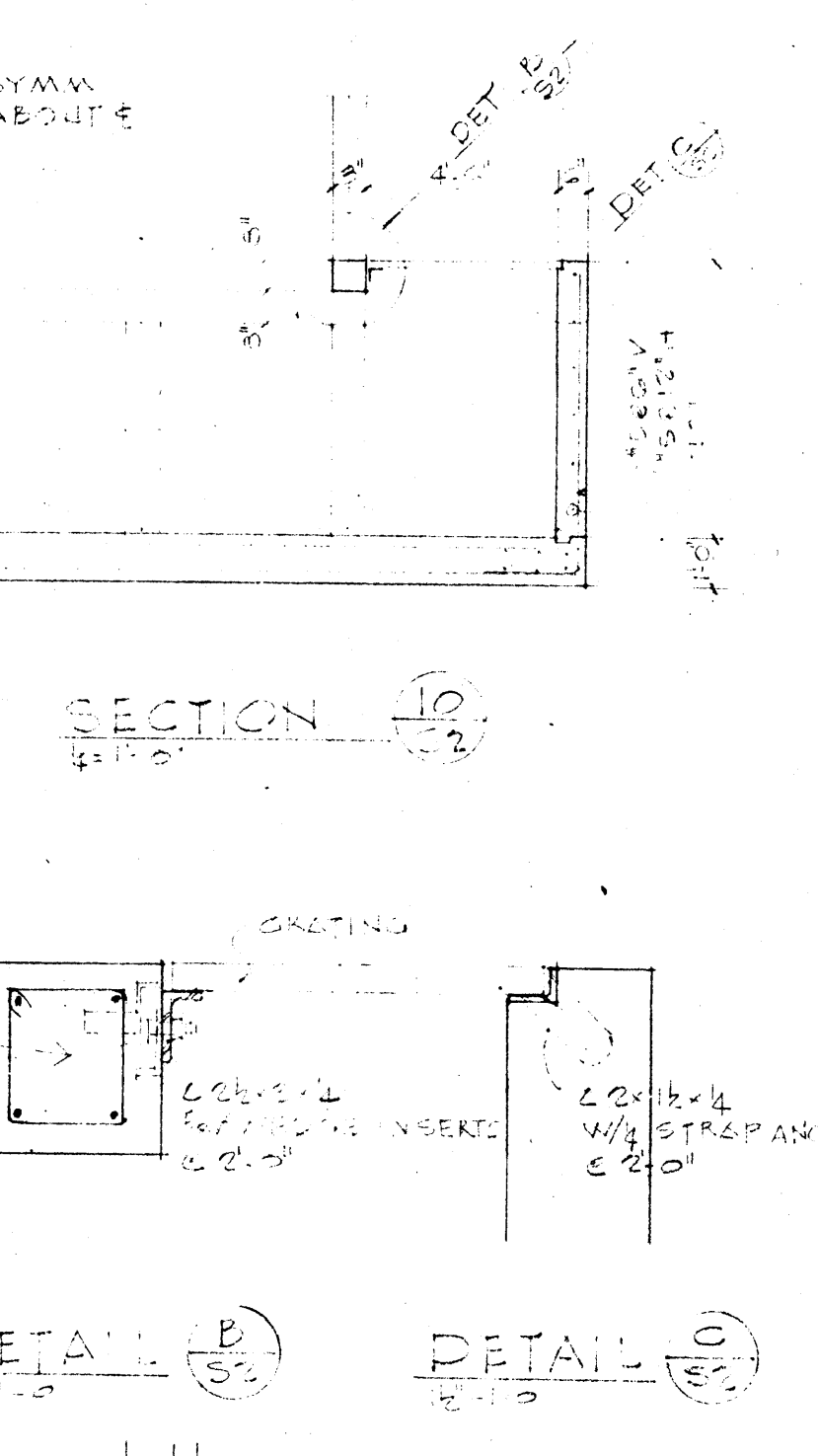
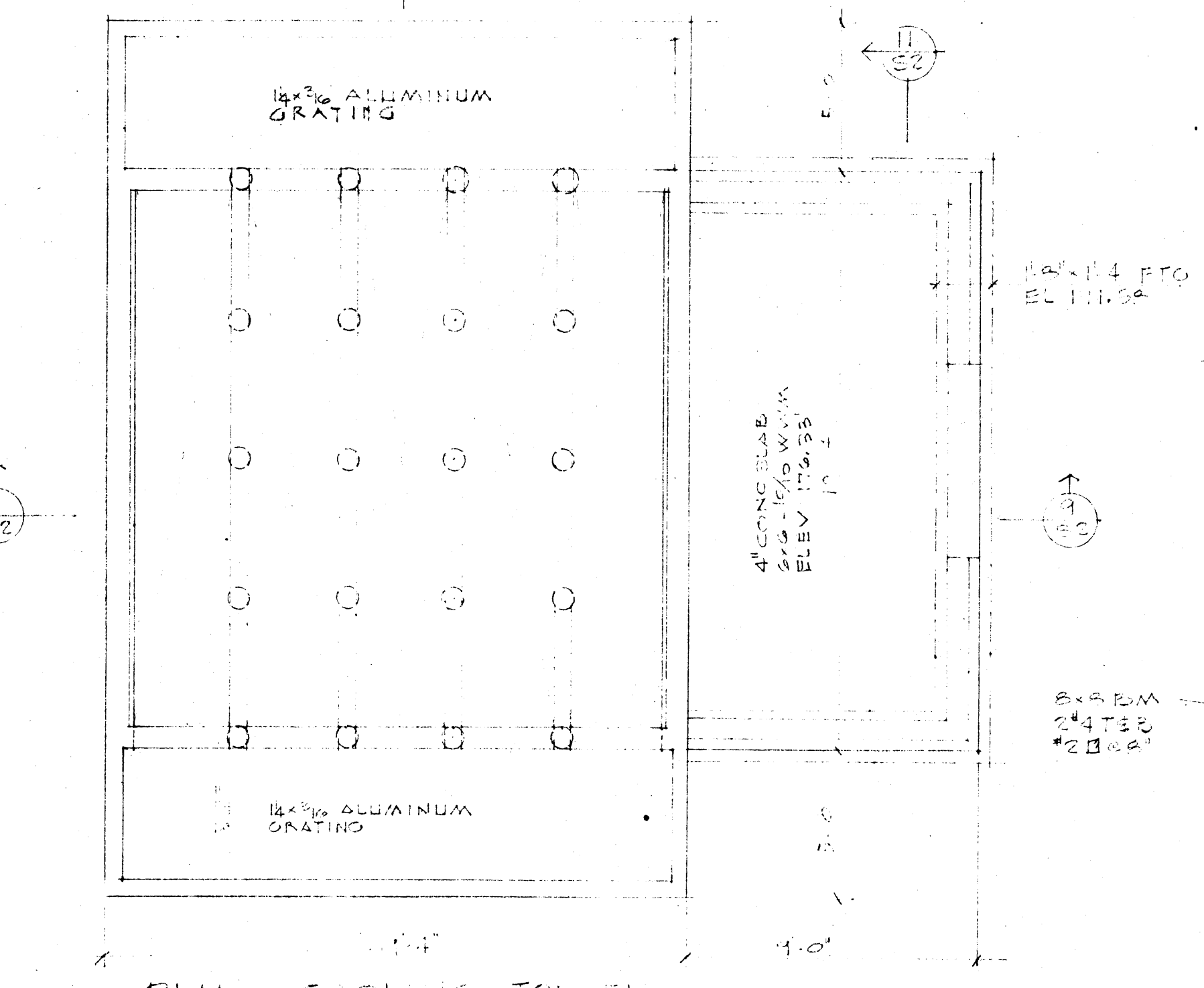
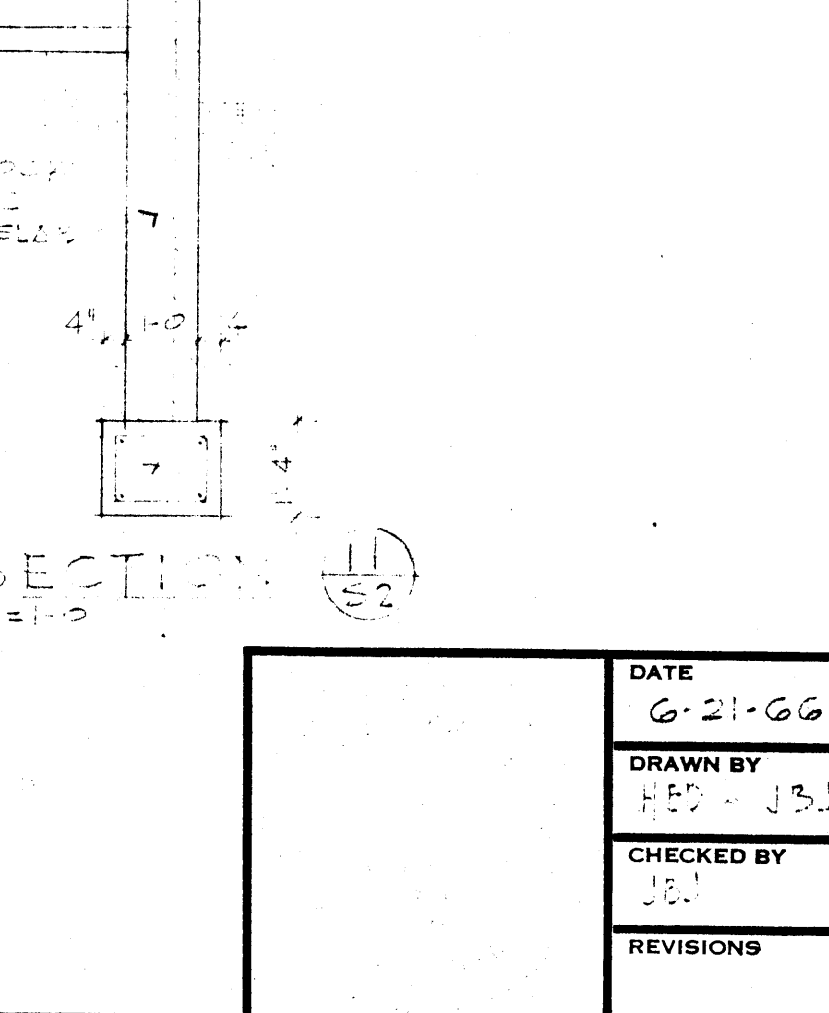
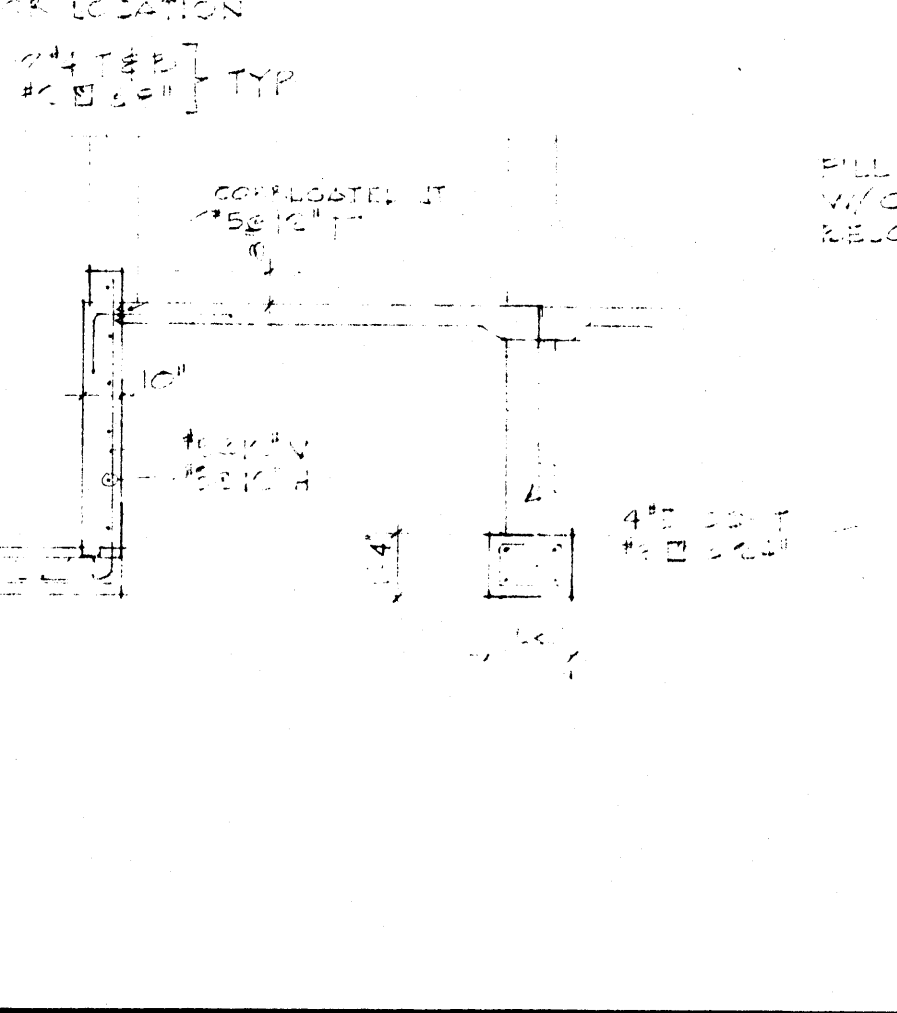
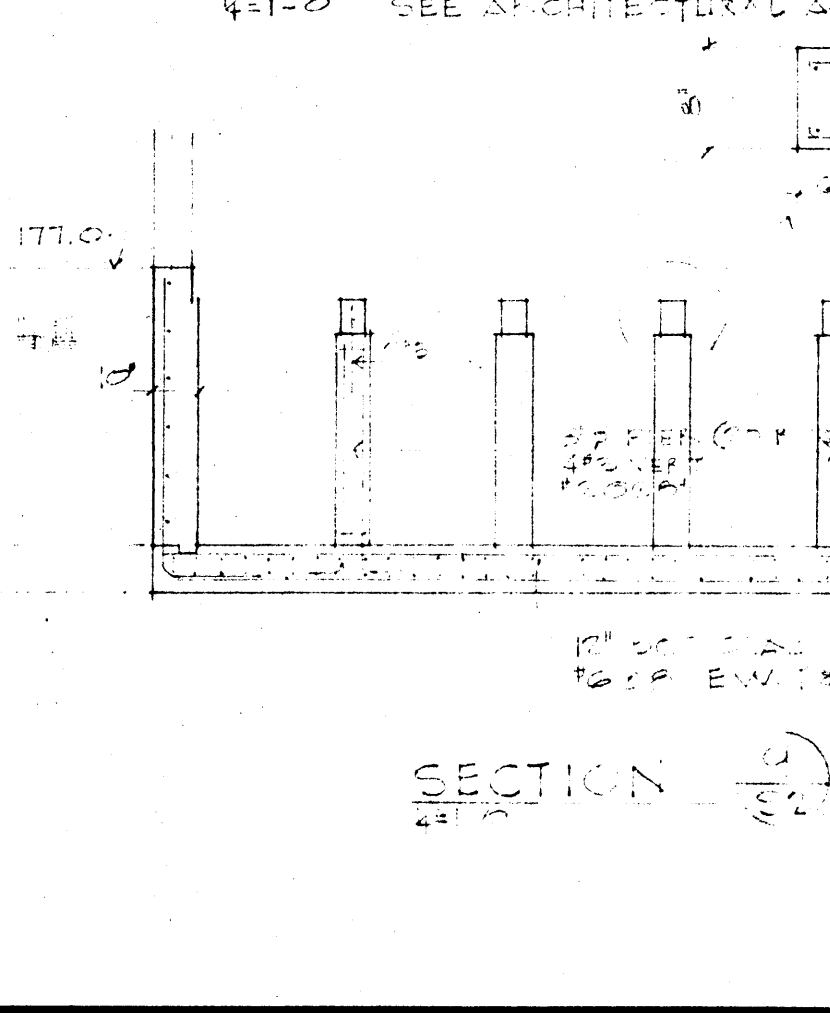
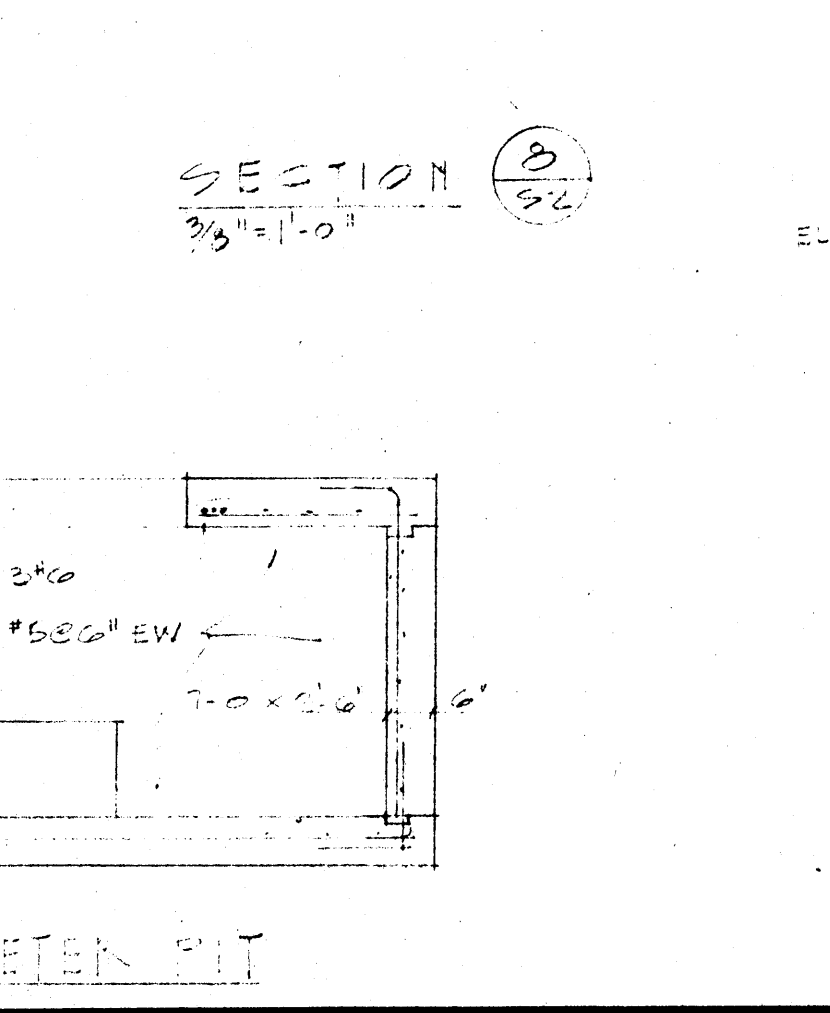
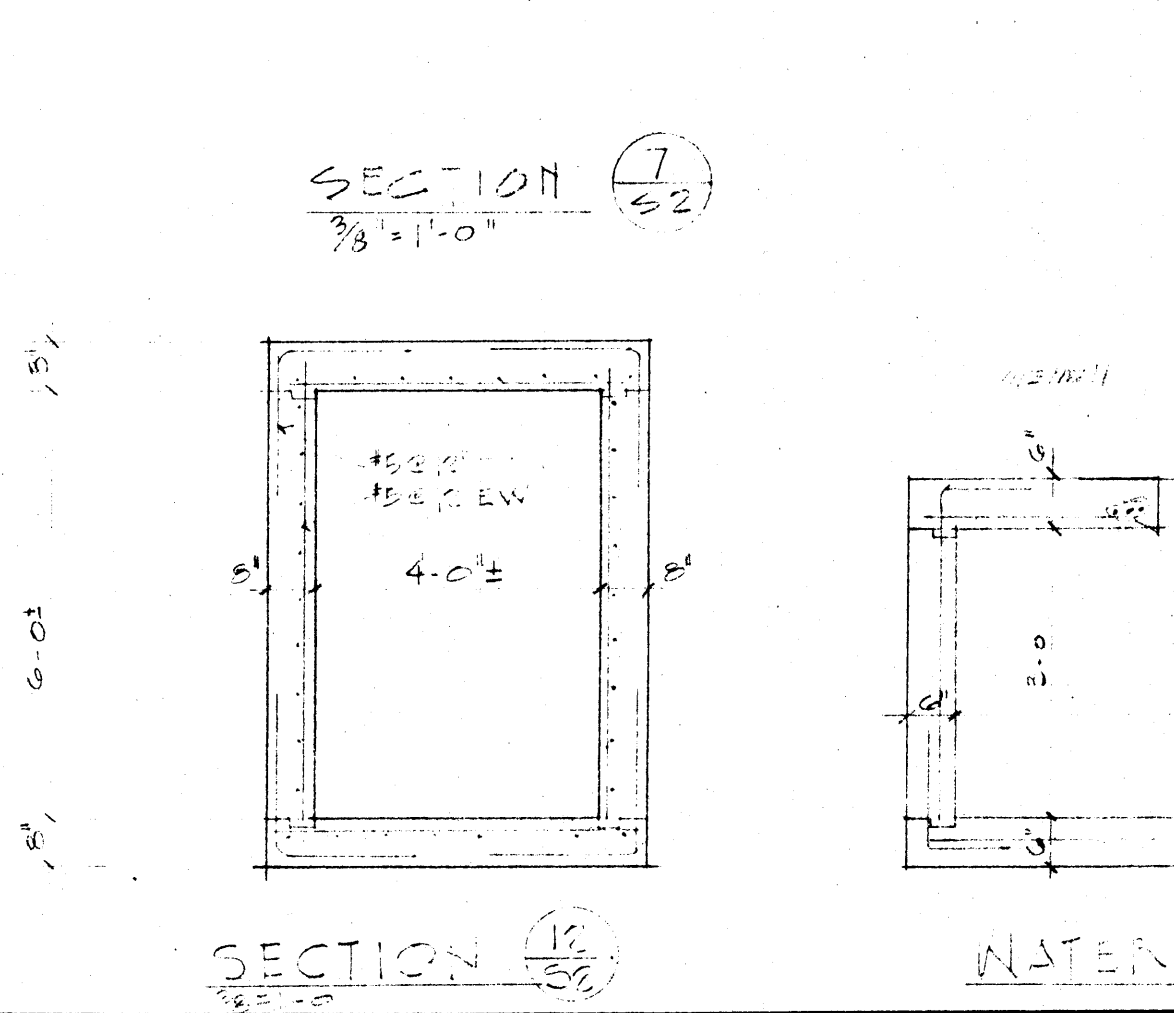
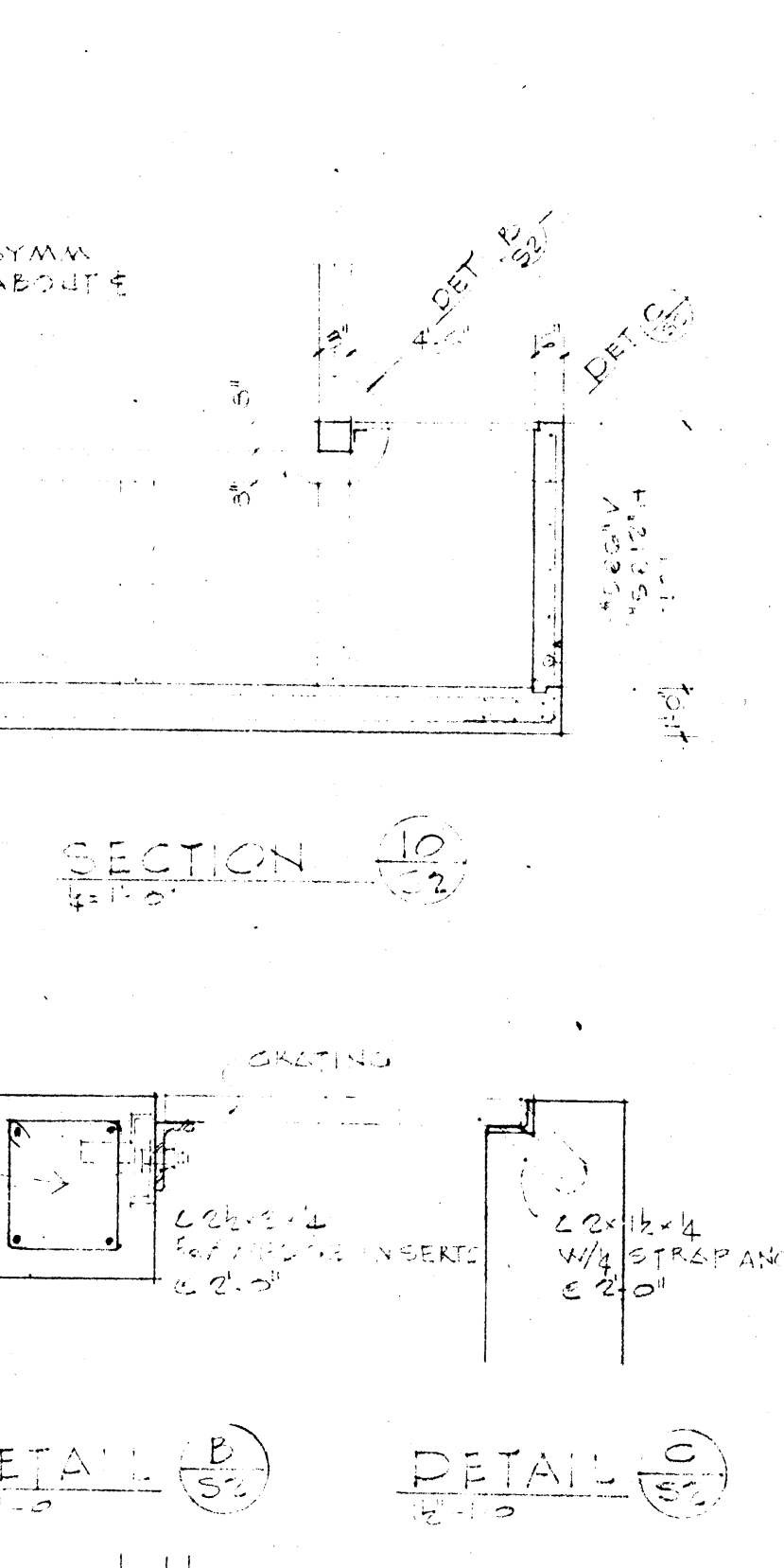
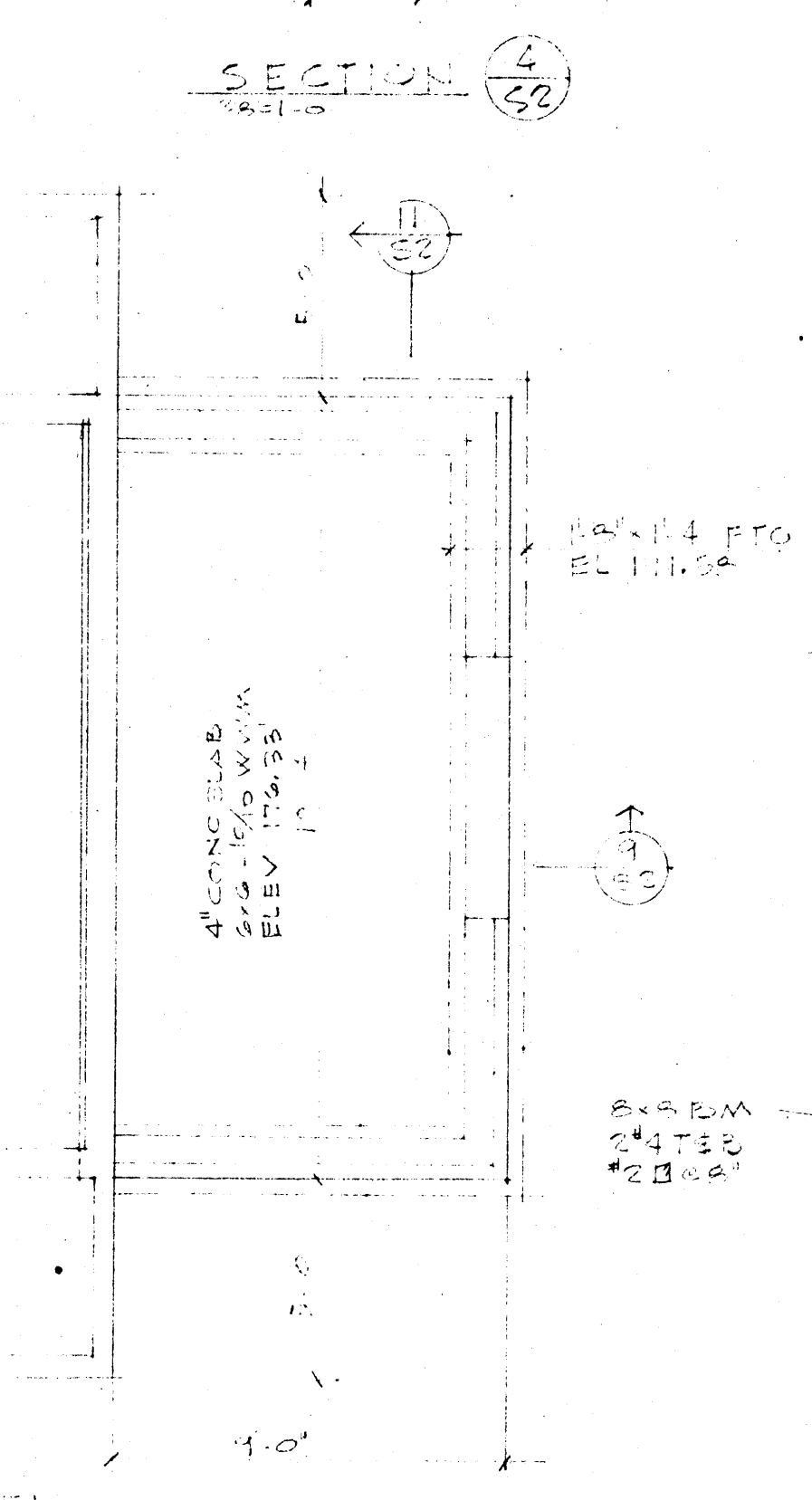
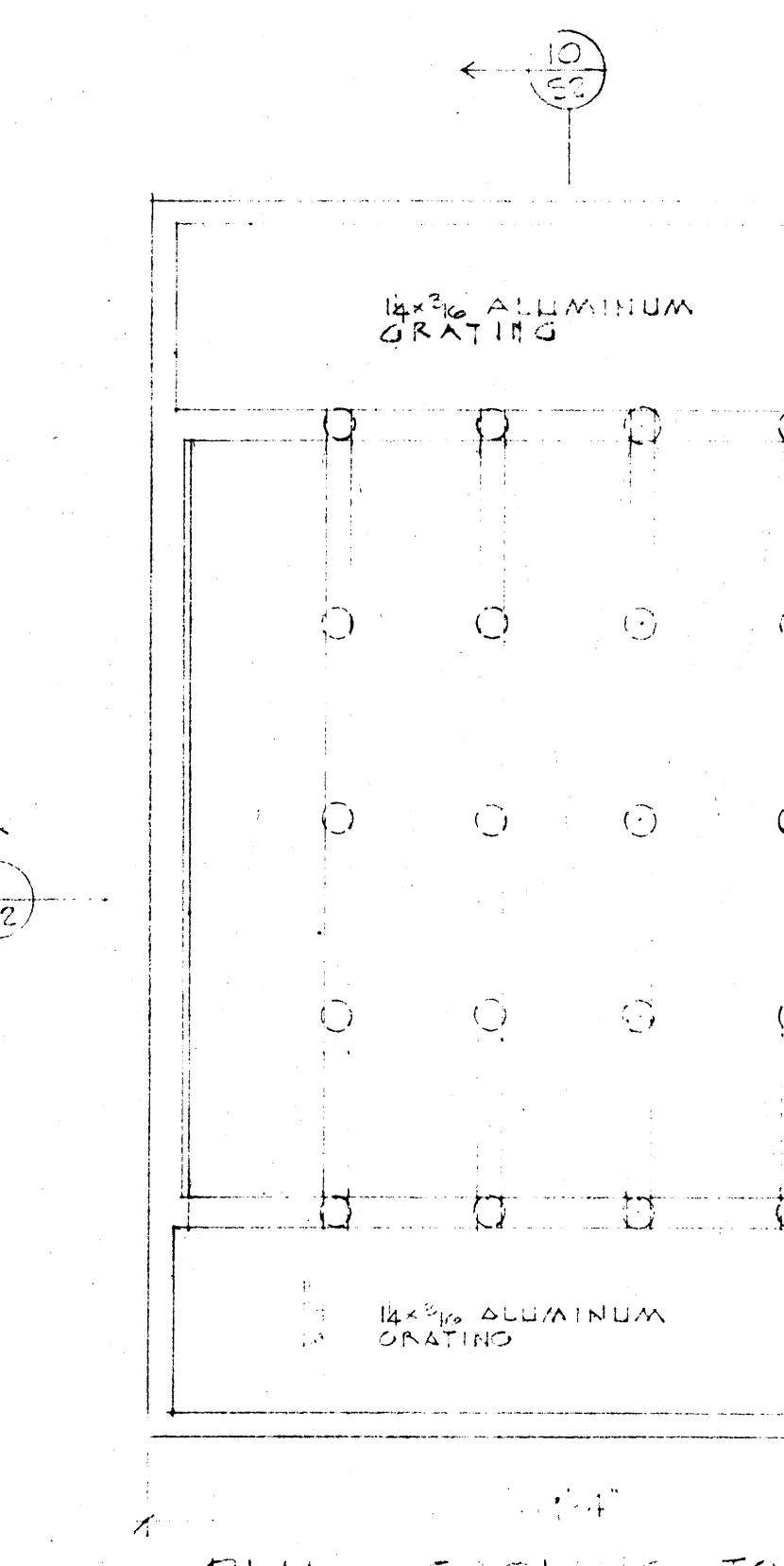
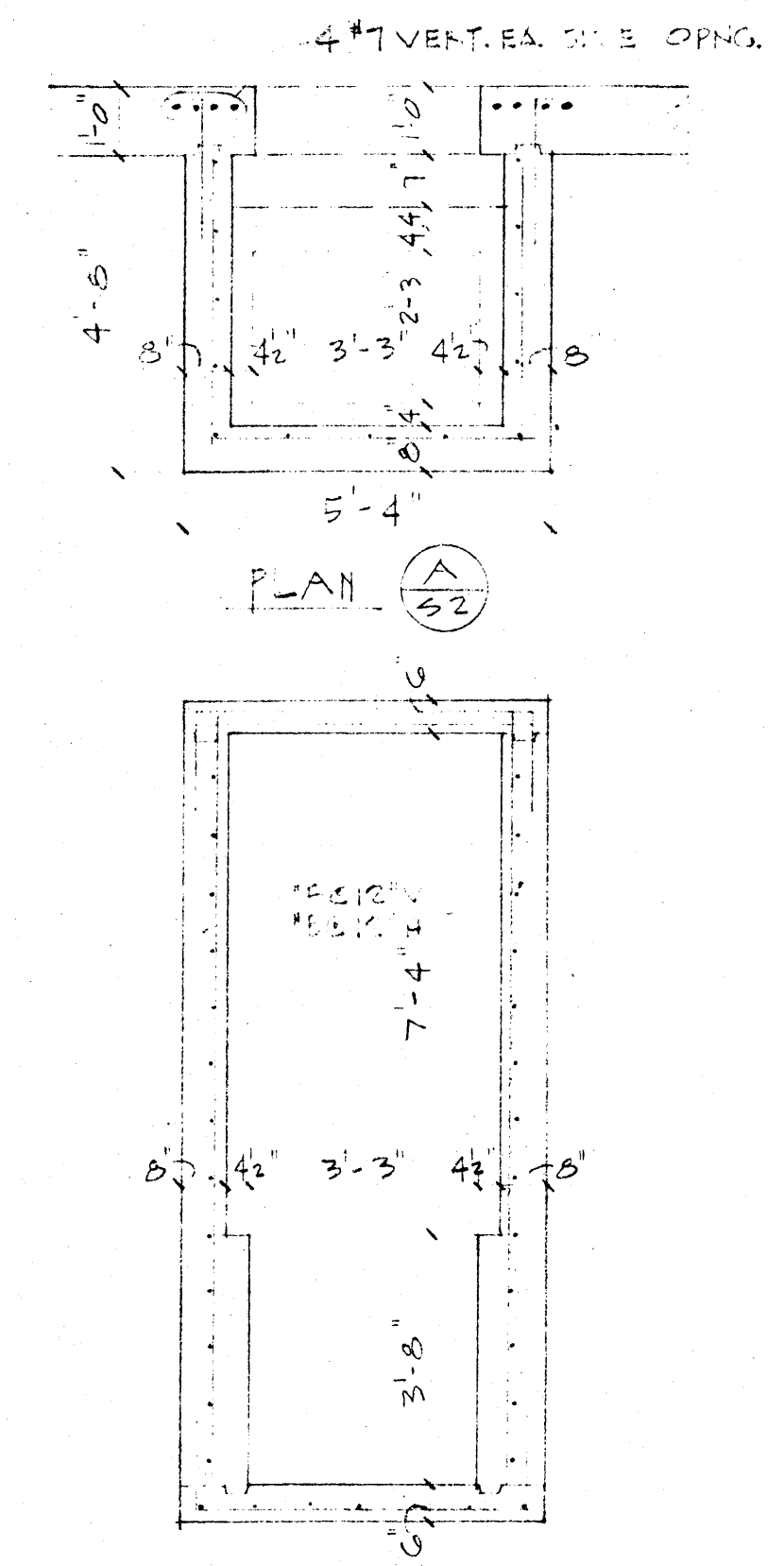
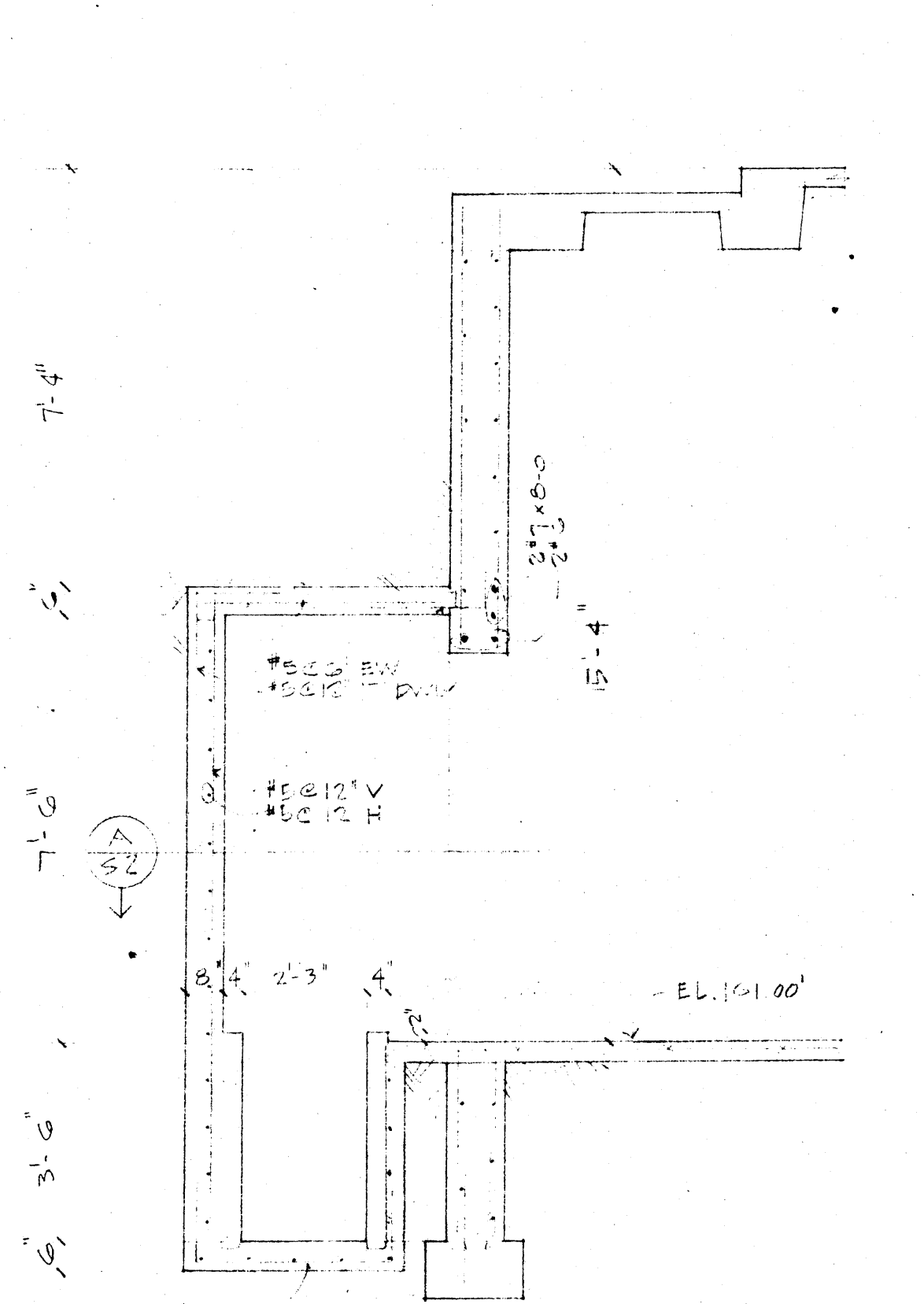
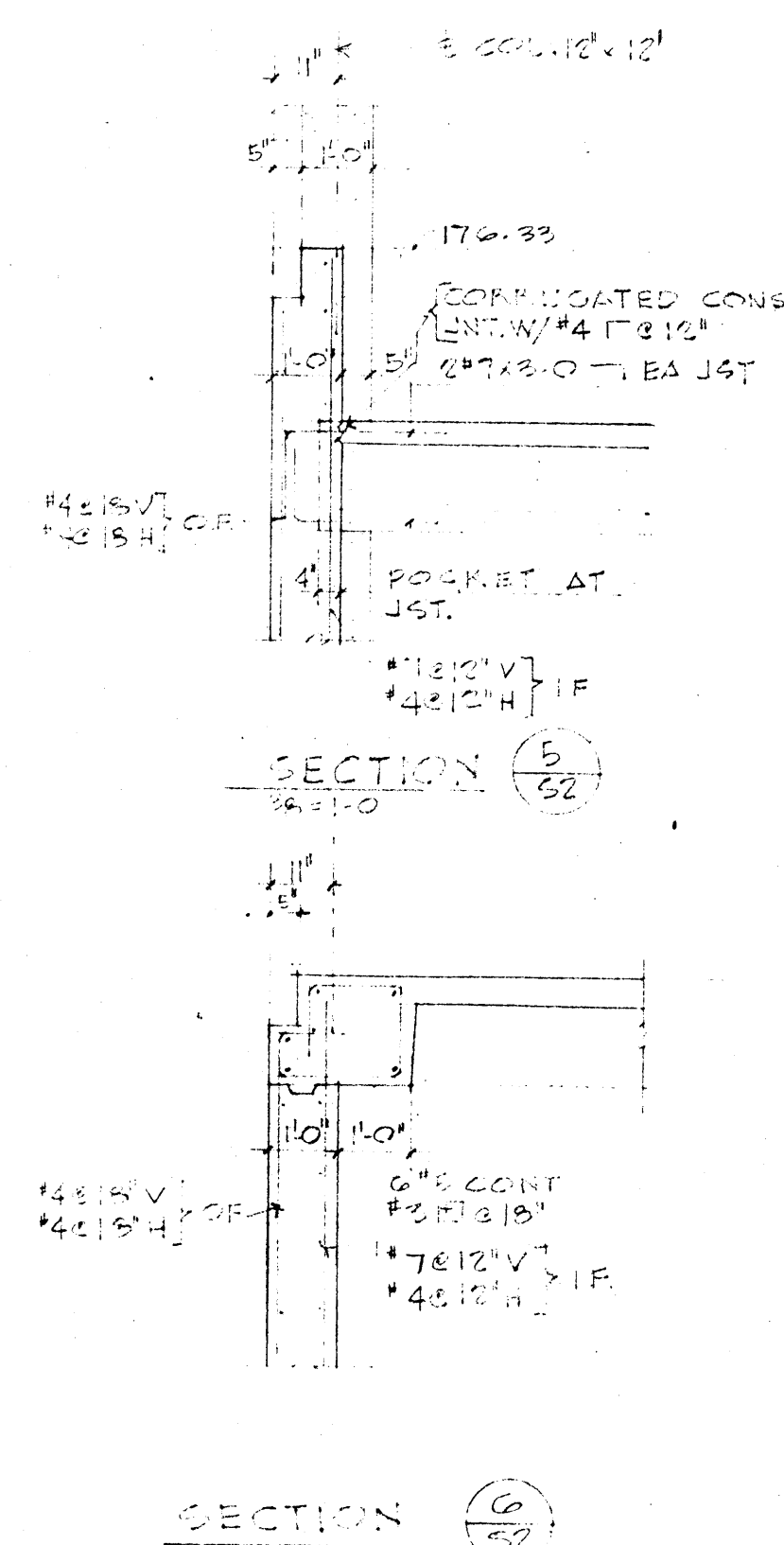
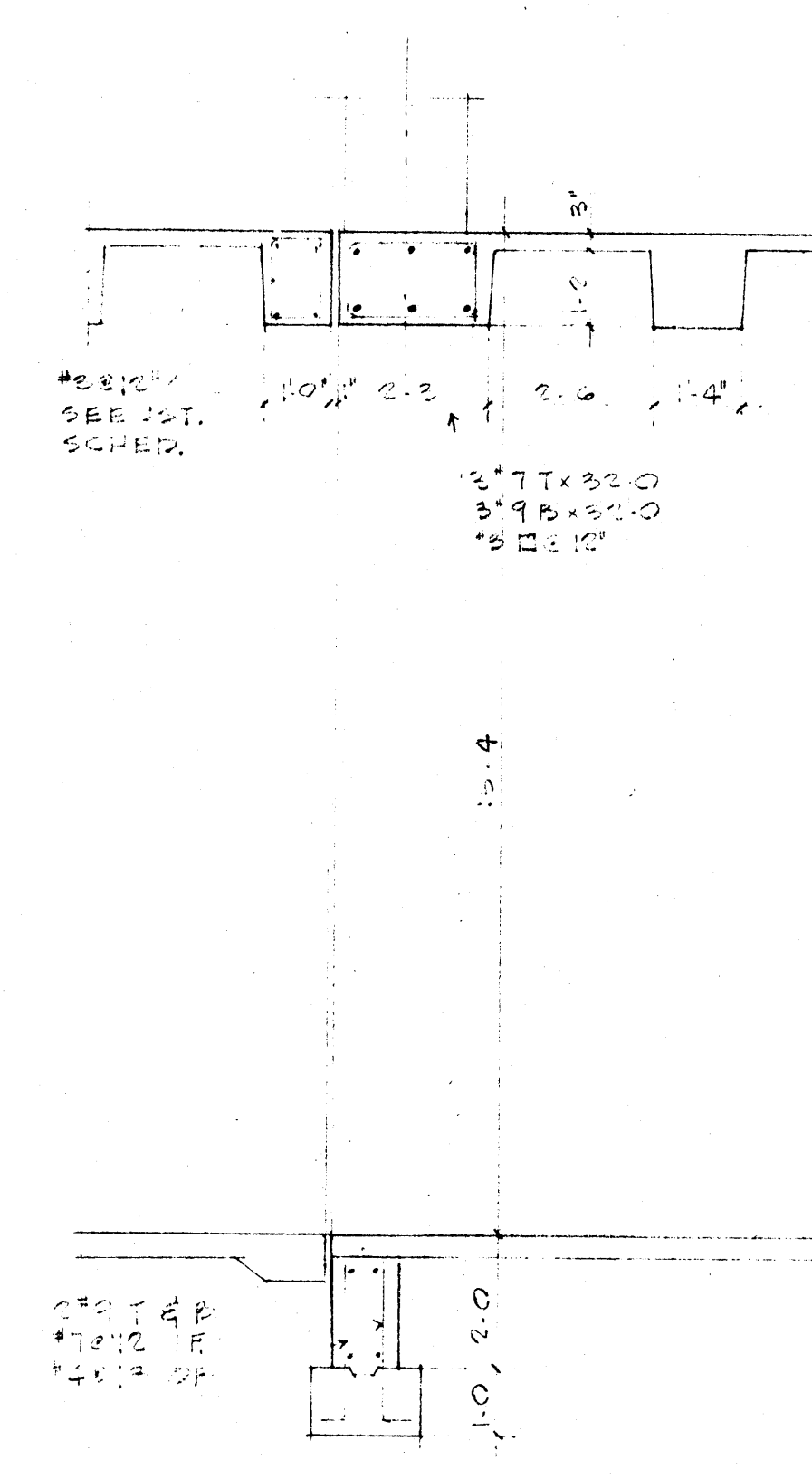
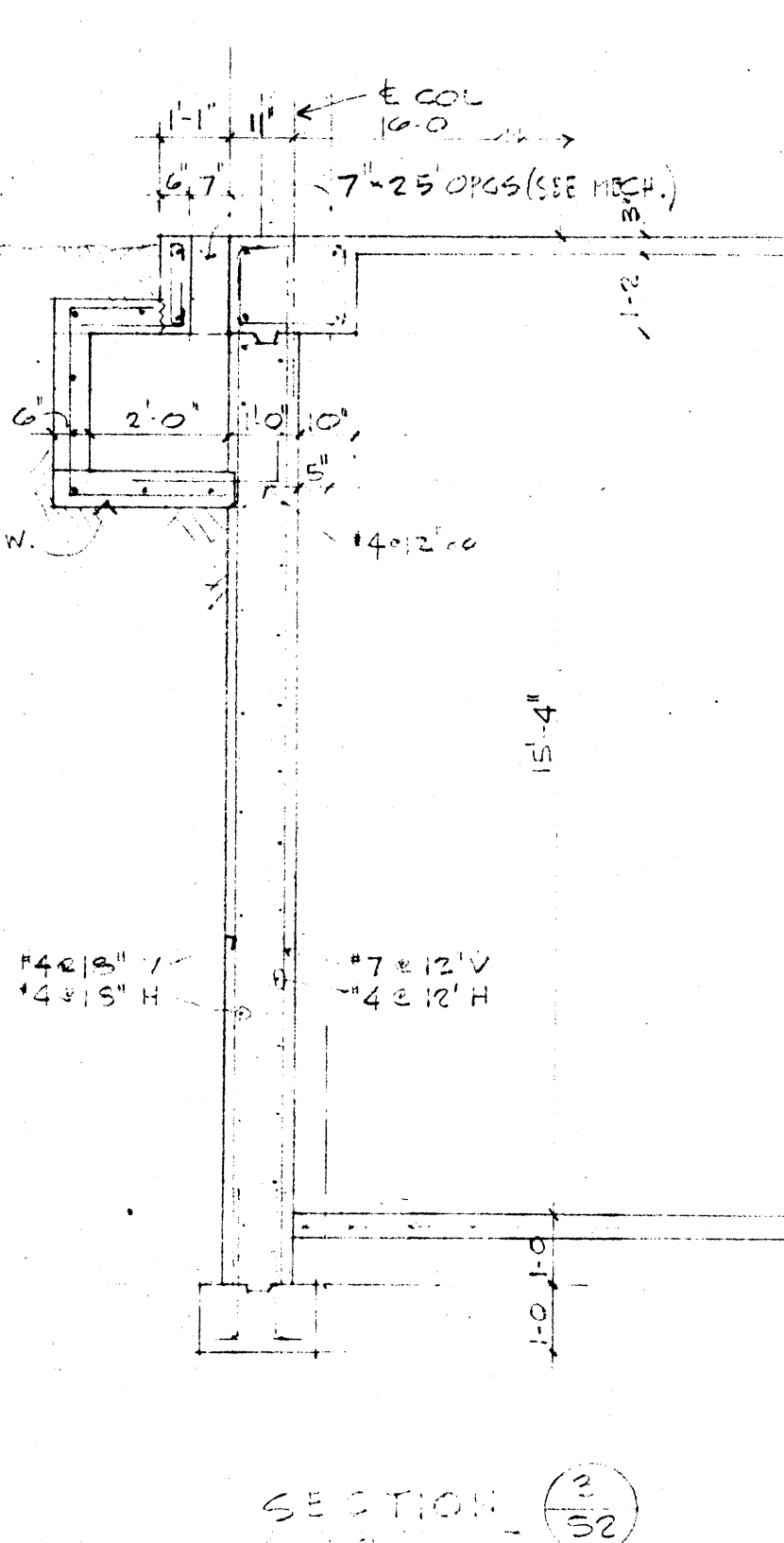
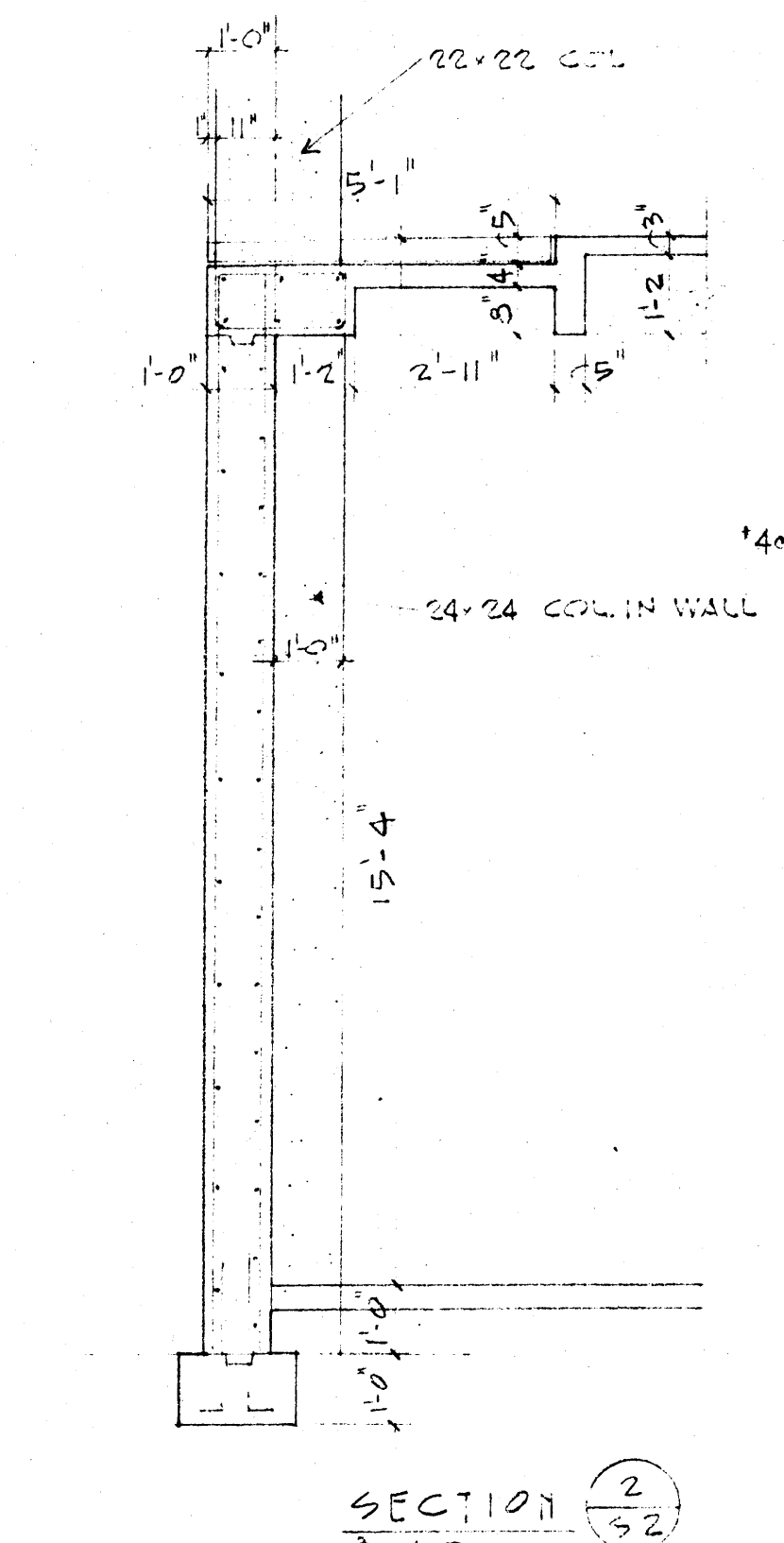
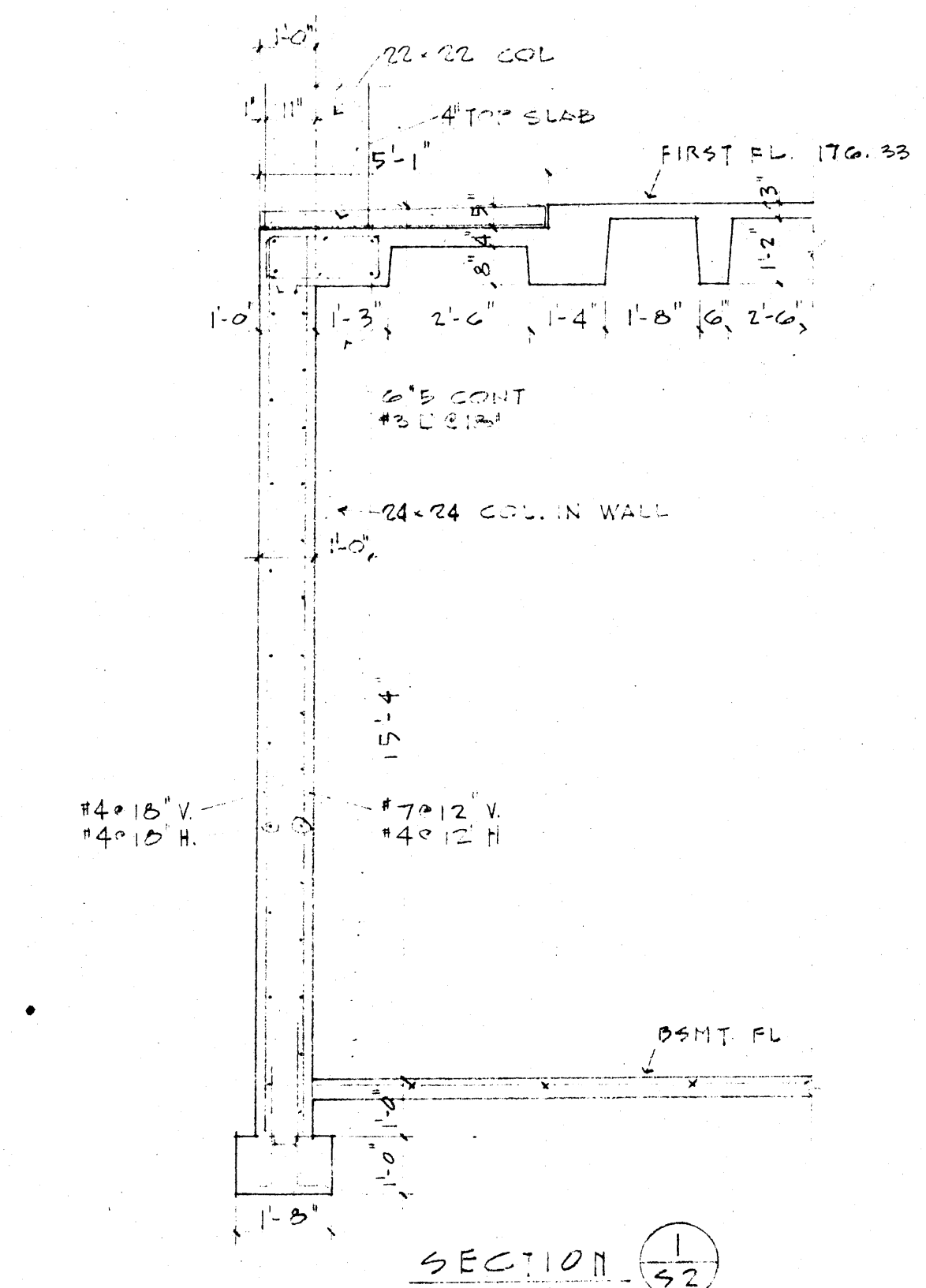
- GENERAL NOTES:**
- FOUNDATION IS DESIGNED FOR A SOIL BEARING OF 4000 P.S.F. ON NATURAL GROUND.
 - ELEVATIONS SHOWN ON FTGS. ARE TOPS OF FOOTINGS AND ARE FOR ESTIMATING PURPOSES.
 - ONLY ALL FTGS. TO BREAK ON SOLID NATURAL GROUND.
 - ALL CONC. SHALL BE 3000 P.S.I. AT 28 DAYS EXCEPT COLUMNS AS NOTED IN COLUMN SCHEDULE TO BE 4000 P.S.I.
 - REINFORCING STEEL TO BE A-5 EXCEPT FOR COLUMN VERTICALS WHICH SHALL BE A-431.
 - CONTINUOUS REINFORCING 24 BAR DIA. AT CORNERS & SPLICES. PROVIDE 2" PARS.
 - BASE OF ORGS. IN SLABS & WALLS. PROJECT BARS 2" BEYOND STJS.
 - SLABS ON GRADE SHALL BE TOURED IN A CHECKERBOARD PATTERN - MAXIMUM 16' x 25'.
 - DO NOT BACKFILL WALLS UNTIL SLABS HAVE BEEN POURED & REACHED THEIR STRENGTH.
 - PROVIDE GATEWAY ACCESSORIES AS SHOWN IN A.C.I. DETAILING MANUAL.

FOUNDATION AND BASEMENT PLAN
SCALE: 3/8" = 1'-0"

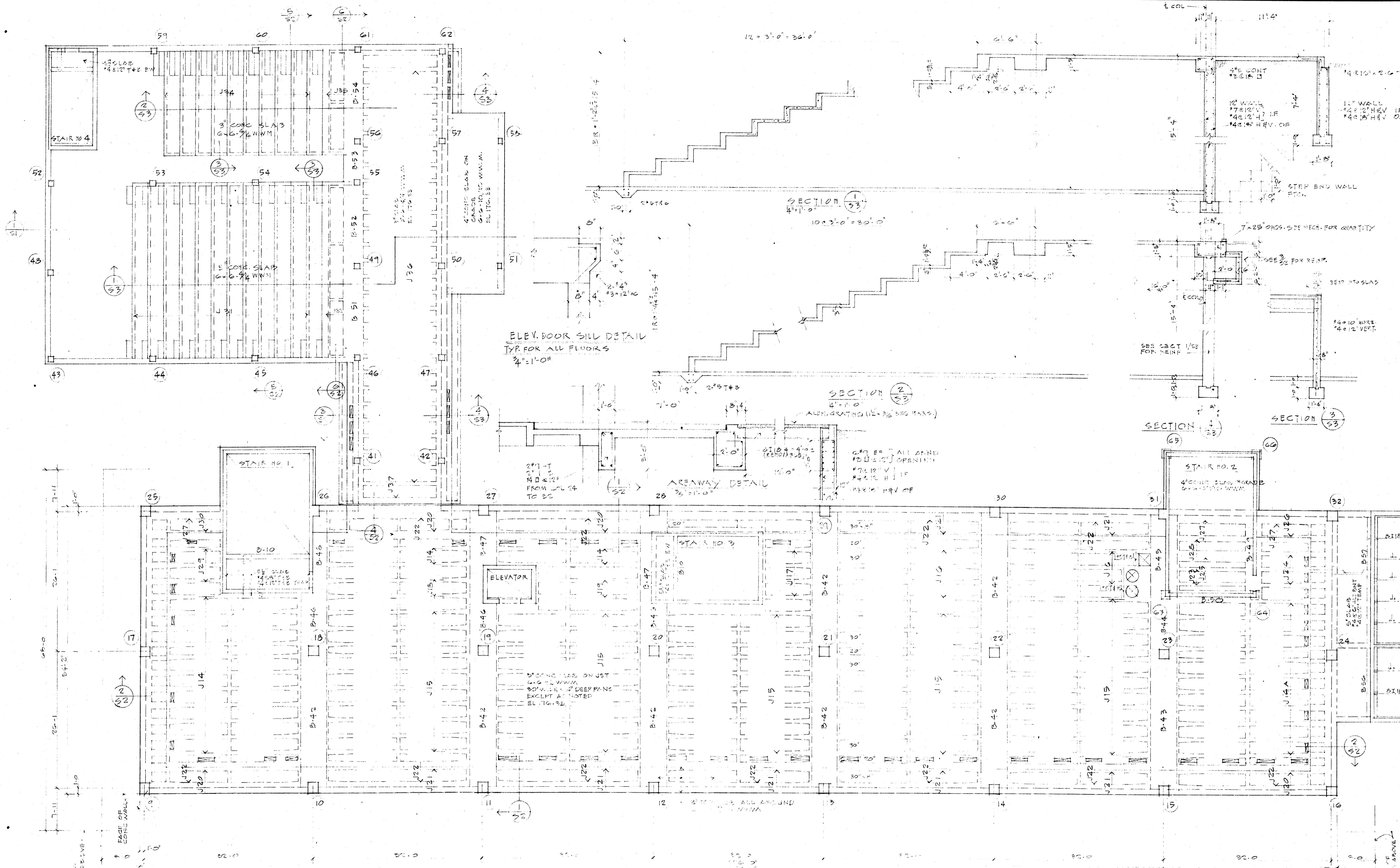
DATE 6-21-66	LABORATORY SCIENCES BUILDING ARKANSAS STATE COLLEGE JONESBORO, ARKANSAS PROJECT NO. ARK. 53479	SHEET NUMBER S 1	
DRAWN BY JED		COMMISSION NUMBER 42066	
CHECKED BY JBJ		STUCK, FRIER, LANE & SCOTT, INC., ARCHITECTS 601 SOUTHWEST DRIVE • JONESBORO, ARKANSAS	
REVISIONS			

CONCRETE JOIST SCHEDULE

JOIST MARK	WIDTH	DEPTH	REINF. FOR ONE JOIST		TRUSSED	SKETCH
			TOP	BOTTOM		
J-1	6"	14+3"	1-#6	1-#6	-	
J-2	6"	14+3"	1-#6	1-#6	1-#6	
J-2A	6"	14+3"	-	1-#6	1-#6	
J-3	6"	14+3"	1-#6	1-#7	1-#7	
J-3A	6"	14+3"	-	1-#7	1-#7	
J-4	6"	14+3"	-	1-#11	1-#10	
J-5	6"	14+3"	1-#6	1-#6	-	
J-6	6"	14+3"	-	1-#6	1-#7	
J-7	6"	14+3"	-	1-#6	1-#5	
J-8	6"	14+3"	-	1-#5	1-#5	
J-9	6"	14+3"	1-#5	1-#5	-	
J-10	6"	14+3"	-	1-#6	1-#9	
J-11	6"	14+3"	-	1-#6	1-#8	
J-12	6"	14+3"	-	1-#11	1-#10	
J-13	6"	14+3"	FROM J-12	1-#9	-	
J-14	6"	14+3"	-	1-#9	1-#9	
J-15	6"	14+3"	1-#6	1-#6	1-#8	
J-16	6"	14+3"	-	1-#9	1-#8	
J-17	6"	14+3"	1-#6	1-#5	-	
J-18	6"	14+3"	-	1-#11	1-#11	
J-19	6"	14+3"	-	1-#6	1-#8	
J-20	16"	14+3"	-	2-#9	2-#9	
J-21	16"	14+3"	-	2-#8	2-#8	
J-22	27"	24+4"	3-#5	3-#5	-	
J-23	6"	14+3"	1-#6	1-#6	-	
J-24	6"	14+3"	1-#5	1-#7	-	
J-25	26"	14+3"	-	3-#7	3-#7	
J-26	16"	14+3"	2-#5	2-#7	-	
J-27	16"	14+3"	3-#5	3-#5	-	
J-28	16"	14+3"	2-#6	2-#6	-	
J-29	6"	14+3"	-	2-#6	2-#6	
J-30	16"	14+3"	-	1-#6	1-#6	
J-31	6"	14+3"	1-#7	1-#9	-	
J-32	18"	14+3"	2-#9	3-#9	-	
J-33	NOT USED					
J-34	6"	14+3"	1-#6	1-#7	-	
J-35	18"	14+3"	1-#6	1-#7	-	
J-36	6"	14+3"	-	1-#7	1-#7	
J-37	12"	14+3"	2-#7	2-#5	-	
J-38	6"	14+3"	1-#7	1-#11	1-#10	
J-39	6"	14+3"	1-#6	1-#6	-	
J-40	6"	14+3"	1-#6	1-#8	1-#8	
J-41	6"	14+3"	1-#6	1-#7	1-#7	
J-41A	6"	14+3"	-	1-#7	1-#7	
J-42	6"	14+3"	1-#6	1-#6	-	
J-43	6"	14+3"	-	1-#8	1-#8	
J-44	6"	14+3"	-	1-#11	1-#10	
J-45	6"	14+3"	-	1-#6	1-#7	
J-46	11"	14+3"	2-#6	3-#9	2-#9	

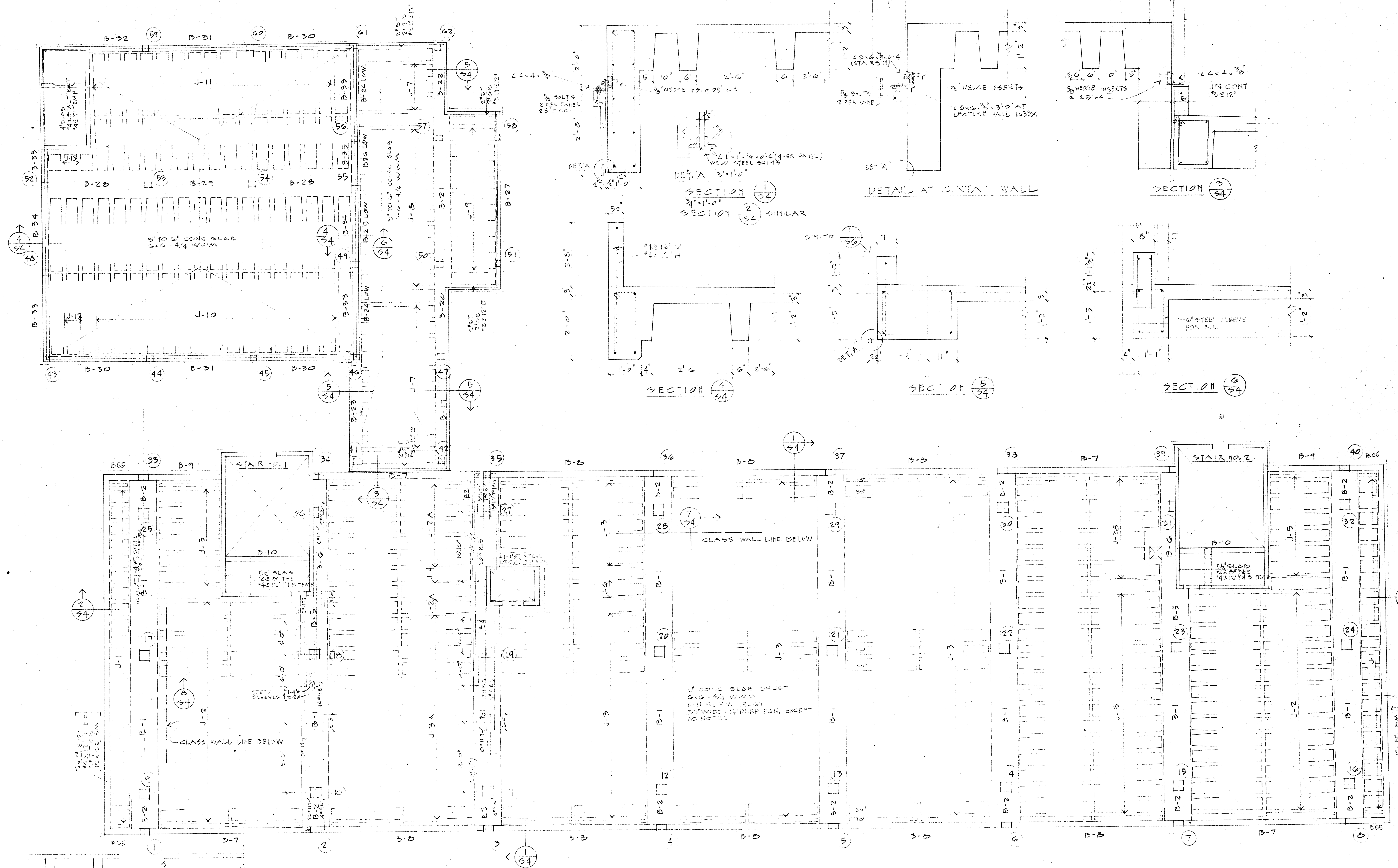


DATE 6-21-66	LABORATORY SCIENCES BUILDING ARKANSAS COLLEGE JONESBORO, ARKANSAS PROJECT NO. ARK. 50479	SHEET NUMBER 52
DRAWN BY HED - JBJ		COMMISSION NUMBER 42066
CHECKED BY JBJ	STUCK, FRIER, LANE & SCOTT, INC., ARCHITECTS 601 SOUTHWEST DRIVE • JONESBORO, ARKANSAS	
REVISIONS		

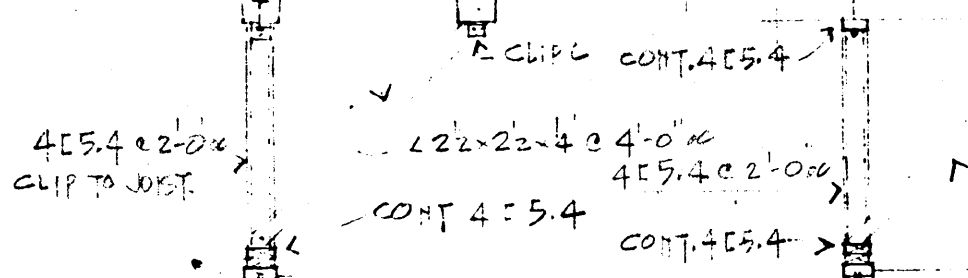


FIRST FLOOR FRAMING PLAN
 SCALE 3/8" = 1'-0"

DATE 6-21-66	LABORATORY SCIENCE BUILDING ARKANSAS STATE COLLEGE JONESBORO, ARKANSAS PROJECT NO. ANK 64479	SHEET NUMBER 3
DRAWN BY J30		
CHECKED BY J30	STUCK, FRIER, LANE & SCOTT, INC., ARCHITECTS 601 SOUTHWEST DRIVE • JONESBORO, ARKANSAS	COMMISSION NUMBER 43066
REVISIONS		



SECOND FLOOR FRAMING PLAN
SCALE 1/8" = 1'-0"

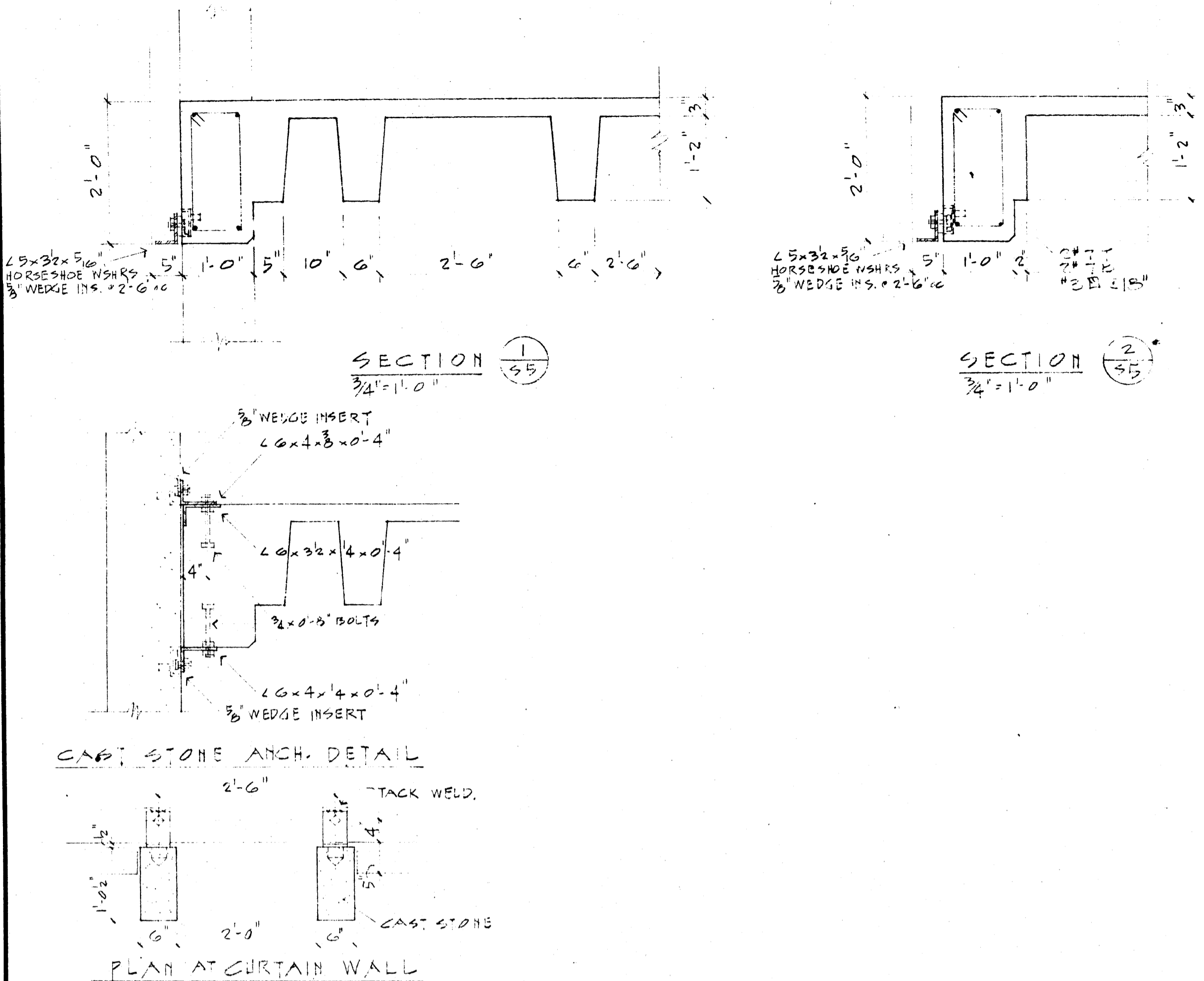


NOTE:
NO ADDITIONAL CLIPPING SHALL BE PLACED IN BEAMS
OTHER THAN SHOWN IN THIS LOCATION & APPROVED
BY ARCHITECTS.

SECTION 7
3/8" = 1'-0"

SECTION 8
3/8" = 1'-0"

DATE 6-21-66	LABORATORY SCIENCES BUILDING ARKANSAS STATE COLLEGE JONESBORO, ARKANSAS PROJECT NO. ARK. 5-1479	SHEET NUMBER S 4
DRAWN BY HED - JBC		
CHECKED BY JBJ	STUCK, FRIER, LANE & SCOTT, INC., ARCHITECTS 601 SOUTHWEST DRIVE • JONESBORO, ARKANSAS	COMMISSION NUMBER 42086
REVISIONS		



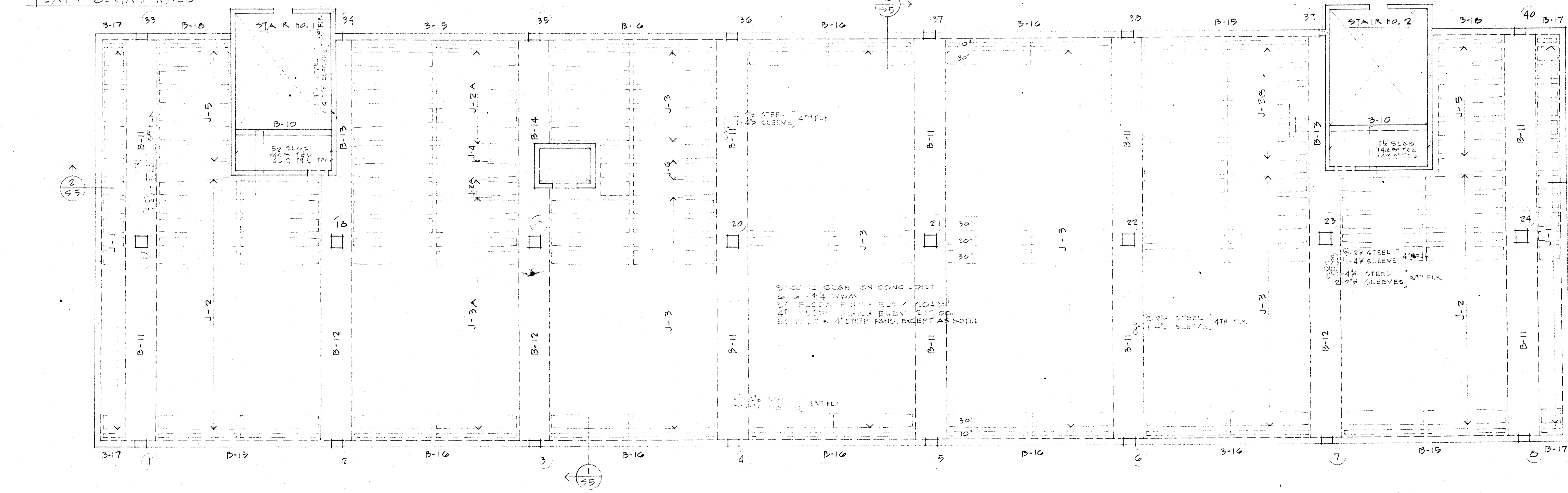
BEAM SCHEDULE

BEAM MARK	SIZE	REINFORCING FOR ONE BEAM		TRUSSED	STIRRUPS	SPACE BARS	SKETCH
		TOP	BOTTOM				
B-1	12 x 24	10#	4#	-	#4 @ 18"	6# @ 12" OC	
B-2	60 x 42	30#	14#	-	#4 @ 18"	6# @ 12" OC	
B-3	60 x 42	10#	4#	FROM B-1	#4 @ 18"	6# @ 12" OC	
B-4	60 x 42	10#	4#	FROM B-1	#4 @ 18"	6# @ 12" OC	
B-5	60 x 42	10#	4#	FROM B-1	#4 @ 18"	6# @ 12" OC	
B-6	41 x 42	10#	4#	-	#4 @ 18"	6# @ 12" OC	
B-7	12 x 24	2#	2#	-	#4 @ 18"	6# @ 12" OC	
B-8	12 x 24	2#	2#	-	#4 @ 18"	6# @ 12" OC	
B-9	12 x 24	2#	2#	-	#4 @ 18"	6# @ 12" OC	
B-10	12 x 20	2#	2#	-	#4 @ 18"	6# @ 12" OC	
B-11	60 x 22	4#	5#	6#	#4 @ 18"	6# @ 12" OC	
B-12	60 x 22	4#	5#	6#	#4 @ 18"	6# @ 12" OC	
B-13	60 x 22	4#	5#	6#	#4 @ 18"	6# @ 12" OC	
D-14	60 x 22	6#	10#	-	#4 @ 18"	6# @ 12" OC	
D-15	12 x 24	2#	2#	-	#4 @ 18"	6# @ 12" OC	
B-16	12 x 24	2#	2#	-	#4 @ 18"	6# @ 12" OC	
B-17	12 x 24	FROM B-5	FROM B-5	-	#4 @ 18"	6# @ 12" OC	
B-18	12 x 24	2#	2#	-	#4 @ 18"	6# @ 12" OC	
B-19	30 x 20	2#	2#	-	#4 @ 18"	6# @ 12" OC	
B-20	35 x 20	5#	4#	-	#4 @ 18"	6# @ 12" OC	
B-21	35 x 20	4#	4#	-	#4 @ 18"	6# @ 12" OC	
B-22	35 x 20	3#	3#	-	#4 @ 18"	6# @ 12" OC	
B-23	30 x 20	4#	4#	-	#4 @ 18"	6# @ 12" OC	
B-24	13 x 17	2#	2#	-	#4 @ 18"	6# @ 12" OC	
B-25	13 x 17	2#	2#	-	#4 @ 18"	6# @ 12" OC	
B-26	13 x 17	2#	2#	-	#4 @ 18"	6# @ 12" OC	

BEAM SCHEDULE

BEAM MARK	SIZE	REINFORCING FOR ONE BEAM		TRUSSED	STIRRUPS	SPACE BARS	SKETCH
		TOP	BOTTOM				
B-27	8 x 23	2#	2#	-	#4 @ 18"	6# @ 12" OC	
B-28	60 x 23	4#	5#	-	#4 @ 18"	6# @ 12" OC	
B-29	60 x 23	4#	5#	-	#4 @ 18"	6# @ 12" OC	
B-30	12 x 27	2#	2#	-	#4 @ 18"	6# @ 12" OC	
B-31	12 x 27	4#	2#	-	#4 @ 18"	6# @ 12" OC	
B-32	12 x 27	2#	2#	-	#4 @ 18"	6# @ 12" OC	
B-33	12 x 27	2#	2#	-	#4 @ 18"	6# @ 12" OC	
B-34	12 x 27	2#	2#	-	#4 @ 18"	6# @ 12" OC	
B-35	12 x 27	2#	2#	-	#4 @ 18"	6# @ 12" OC	
B-36	60 x 23	SAME AS B-11	-	-	#4 @ 18"	6# @ 12" OC	
B-37	60 x 23	SAME AS B-11	-	-	#4 @ 18"	6# @ 12" OC	
B-38	60 x 23	SAME AS B-11	-	-	#4 @ 18"	6# @ 12" OC	
B-39	60 x 23	SAME AS B-11	-	-	#4 @ 18"	6# @ 12" OC	
B-40	12 x 27	SAME AS B-11	-	-	#4 @ 18"	6# @ 12" OC	
B-41	12 x 27	SAME AS B-11	-	-	#4 @ 18"	6# @ 12" OC	
B-42	60 x 23	4#	5#	5#	#4 @ 18"	10# @ 12" OC	
B-43	60 x 23	4#	5#	-	#4 @ 18"	6# @ 12" OC	
B-44	60 x 22	4#	4#	-	#4 @ 18"	6# @ 12" OC	
B-45	60 x 23	7#	13#	-	#4 @ 18"	6# @ 12" OC	
B-46	60 x 22	FROM B-42	FROM B-42	-	#4 @ 18"	6# @ 12" OC	
B-47	60 x 23	4#	5#	5#	#4 @ 18"	10# @ 12" OC	
B-48	41 x 23	4#	4#	-	#4 @ 18"	6# @ 12" OC	
B-49	36 x 17	4#	3#	-	#4 @ 18"	6# @ 12" OC	
B-50	26 x 17	4#	3#	-	#4 @ 18"	6# @ 12" OC	
B-51	41 x 17	3#	5#	-	#4 @ 18"	6# @ 12" OC	
B-52	41 x 17	3#	5#	-	#4 @ 18"	6# @ 12" OC	
B-53	41 x 17	FROM B-51	FROM B-51	-	#4 @ 18"	6# @ 12" OC	
B-54	41 x 17	3#	5#	-	#4 @ 18"	6# @ 12" OC	
B-55	12 x 24	FROM B-17	FROM B-17	-	#4 @ 18"	6# @ 12" OC	
B-56	14 x 21	4#	3#	-	#4 @ 18"	6# @ 12" OC	
B-57	14 x 21	4#	3#	-	#4 @ 18"	6# @ 12" OC	

BEAM SCHEDULE NOTES:
 1. ALL BEAMS TO BE CAST IN PLACE IN TOP OF BEAMS TO SUPPORT STAIRS WHEN NO STRAIN CAP IS CALLED FOR.
 2. REINFORCING TO BE DETAILED ACCORDING TO A.C.I. CODE (LATEST) DETAILS.
 3. REINFORCING TO BE INTERMEDIATE GRADE (A709) OR NEW BILLET STEEL MEETING A.C.I. CODE.



NOTE:
 NO ADDITIONAL REVISIONS SHALL BE MADE IN BEAM SCHEDULES THAN SHOWN UNLESS LOCATION IS APPROVED BY ARCHITECT

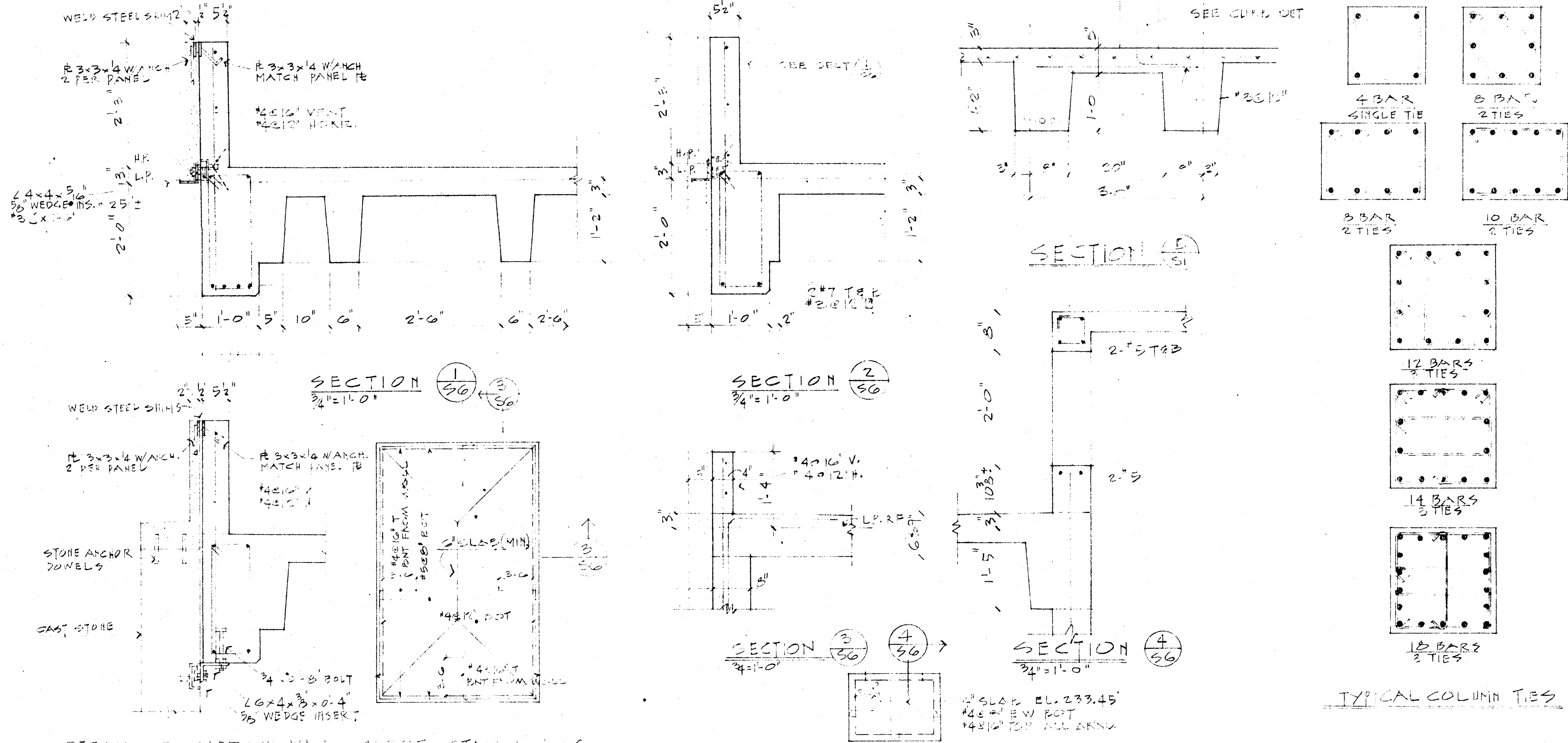
THIRD AND FOURTH FLOOR FRAMING PLAN
 SCALE 1/8" = 1'-0"

DATE 6-21-66	DRAWN BY HED - JBJ	CHECKED BY HJ	REVISIONS	LABORATORY SERVICES BUILDING ARKANSAS COLLEGE JONESBORO, ARKANSAS PROJECT NO. ARK. 5-1479	SHEET NUMBER 5

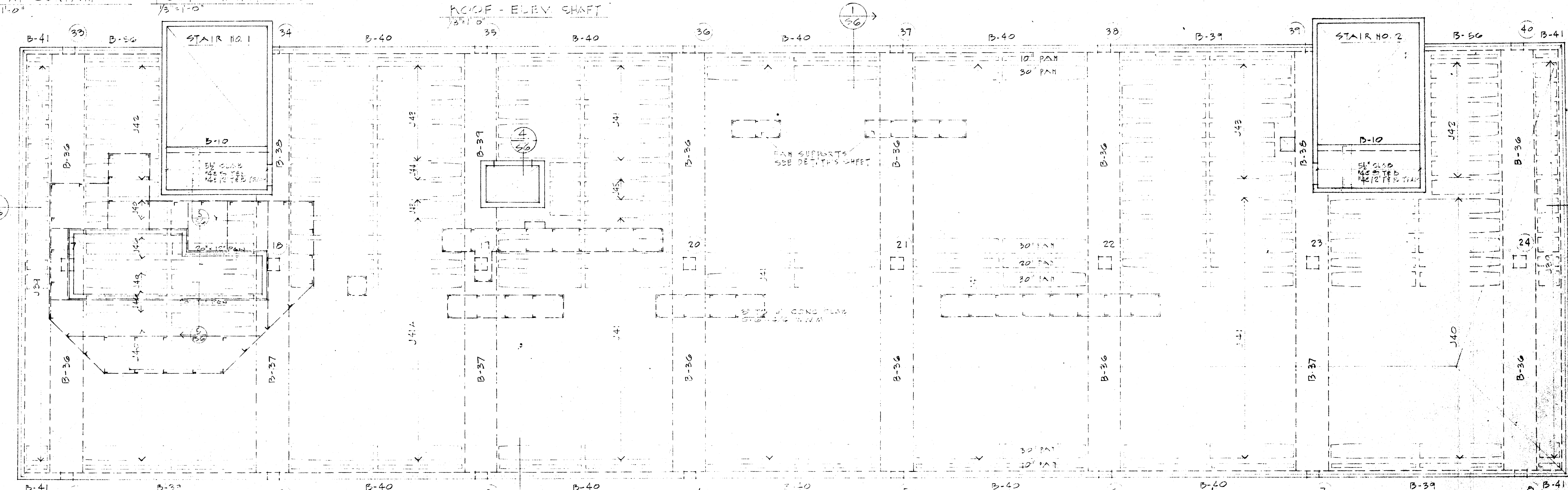
C O L U M N S C H E D U L E

THRU	9	16	17	20	21	18	19	23	26	31	34	39	41	42	47	43	48	46	49	53	56	51	58	53	54	63	THRU	
33	36	37	25	27	28	22	24						50	57	62	46	52	59	60	61							65	
38	40		29	30	32																							
SIZE	12 x 22		22 x 22	22 x 22	22 x 22	8 x 22	12 x 22																					
VERTS	8-9		8-13	8-7	8-7	8-7	8-7																					
TIES	#3		#3	#3	#3	#3	#3																					
SPAC.	PR5-12"		PR5-16"	PR5-14"	PR5-8"	PR5-12"																						
SIZE	12 x 22		22 x 22	22 x 22	22 x 22	8 x 22	12 x 22																					
VERTS	8-9		8-9	8-13	8-7	8-7	8-7																					
TIES	#3		#3	#3	#3	#3	#3																					
SPAC.	PR5-12"		PR5-15"	PR5-16"	PR5-8"	PR5-12"																						
SIZE	12 x 22		22 x 22	22 x 22	8 x 22	12 x 22																						
VERTS	10-10		8-10	8-9	8-7	8-7																						
TIES	#3		#3	#3	#3	#3																						
SPAC.	3/SET-18"		3/SET-15"	3/SET-15"	3/SET-14"	PR5-8"	12"																					
SIZE	22 x 22		22 x 22	22 x 22	22 x 22	8 x 22	12 x 12	12 x 12	12 x 12	12 x 12	8 x 12	14 x 14																
VERTS	14-10		14-11	8-10	12-7	3-13	4-6	4-6	4-7	4-6	4-6	8-9																
TIES	#3		#3	#3	#3	#3	#3	#3	#3	#3	#3	#3																
SPAC.	3/SET-18"		3/SET-15"	3/SET-15"	3/SET-14"	PR5-8"	12"	12"	12"	12"	8"	PR5-14																
SIZE	24 x 24		24 x 24	24 x 24	25 x 24	8-22	12 x 12	12 x 12	12 x 12	8 x 12	14 x 14	20 x 20																
VERTS	14-10		15-11	14-11	12-7	8-13	4-6	4-6	4-9	4-6	8-9	8-9																
TIES	#3		#3	#3	#3	#3	#3	#3	#3	#3	#3	#3																
SPAC.	3/SET-18"		3/SET-15"	3/SET-15"	3/SET-14"	PR5-8"	12"	12"	12"	8"	PR5-14	PR5-18"																

COLUMNS SHADED TO BE 4000 PSI CONCRETE. OTHER COLS. TO BE 3000 PSI. VERTICAL REINFORCING TO BE A432, TIES A15. SEE SHEET E-7 FOR COLUMN REINFORCING IN ELEVATOR AND STAIR WALLS.



TYPICAL COLUMN TIES

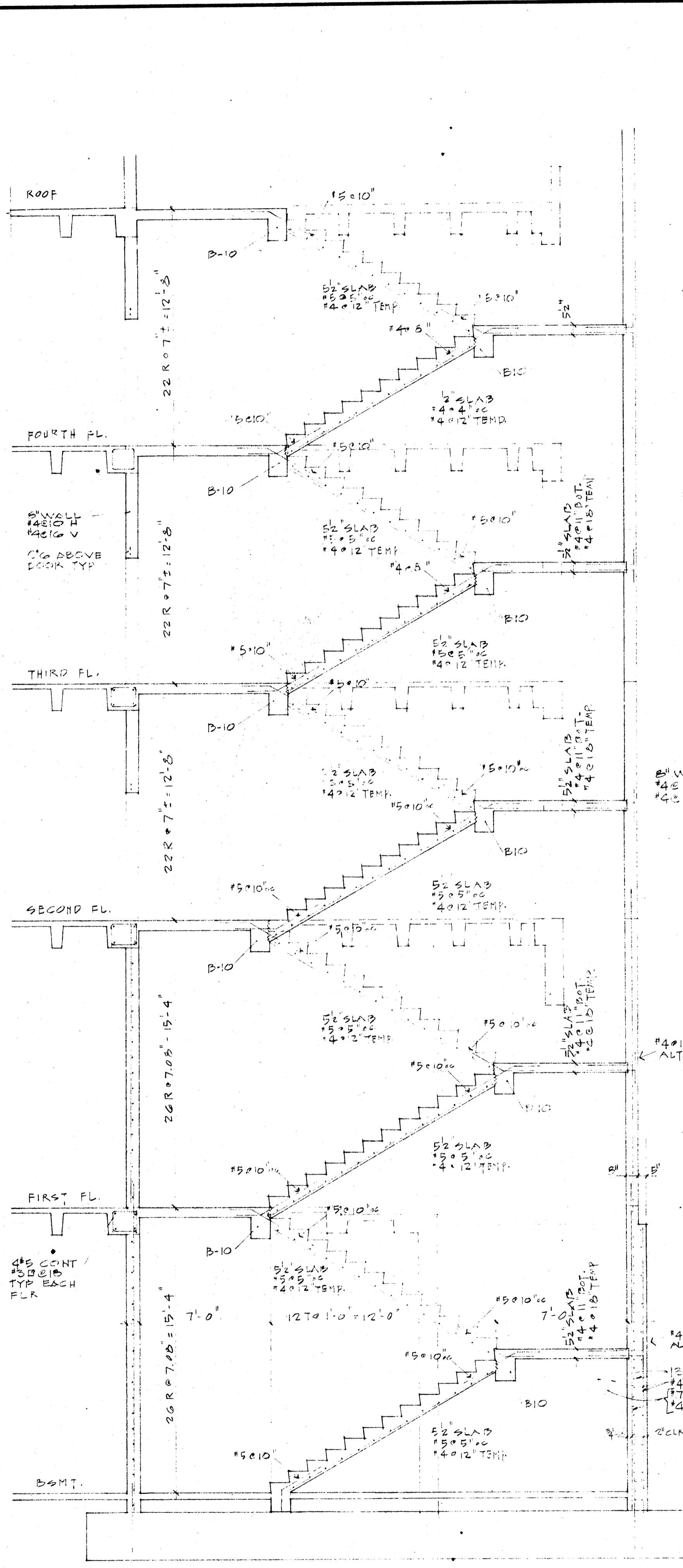


ROOF FRAMING PLAN SCALE 1/8" = 1'-0"

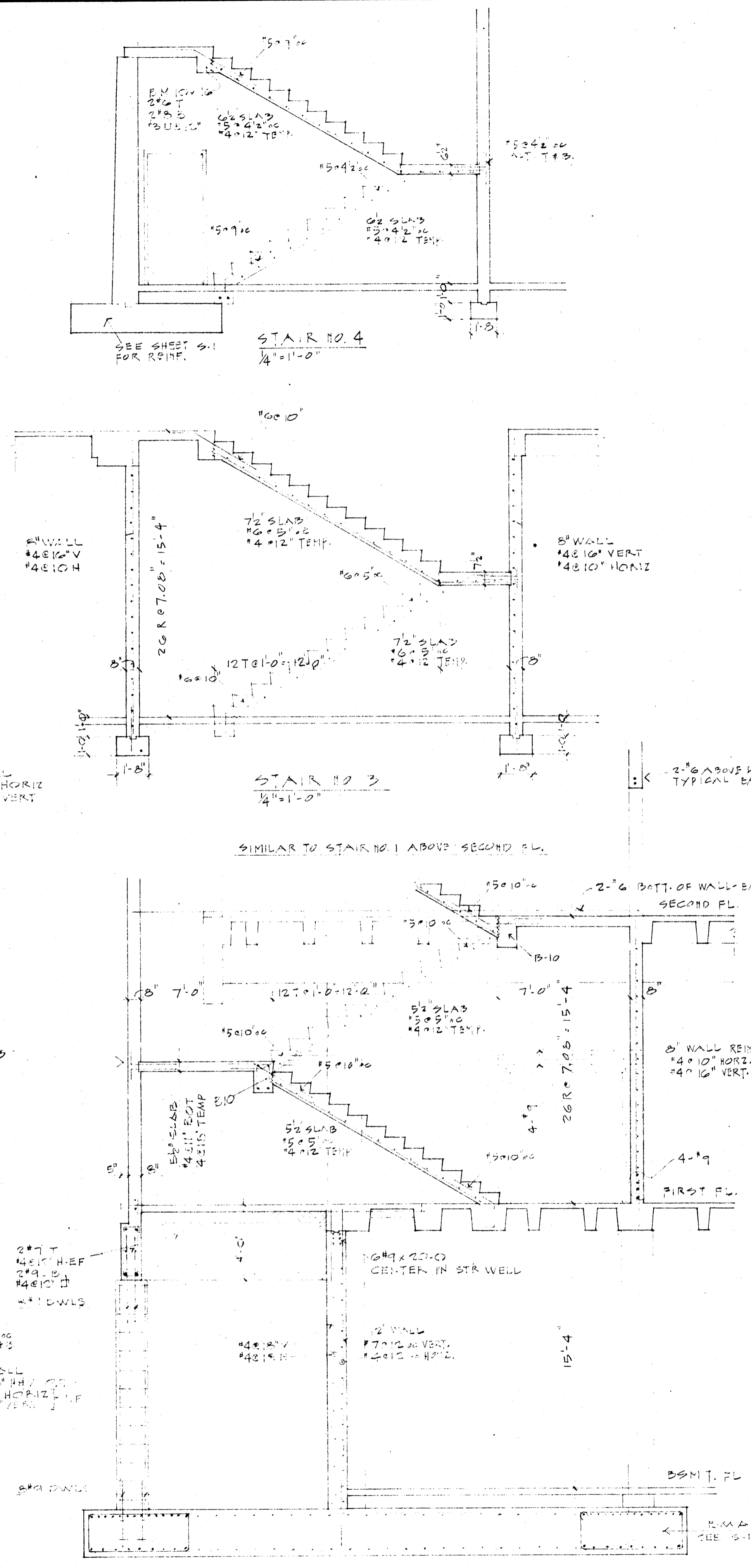
DUCT ROOM ROOF PLAN SCALE 1/8" = 1'-0"

DUCT ROOM CHAS DETAIL SCALE 1/4" = 1'-0"

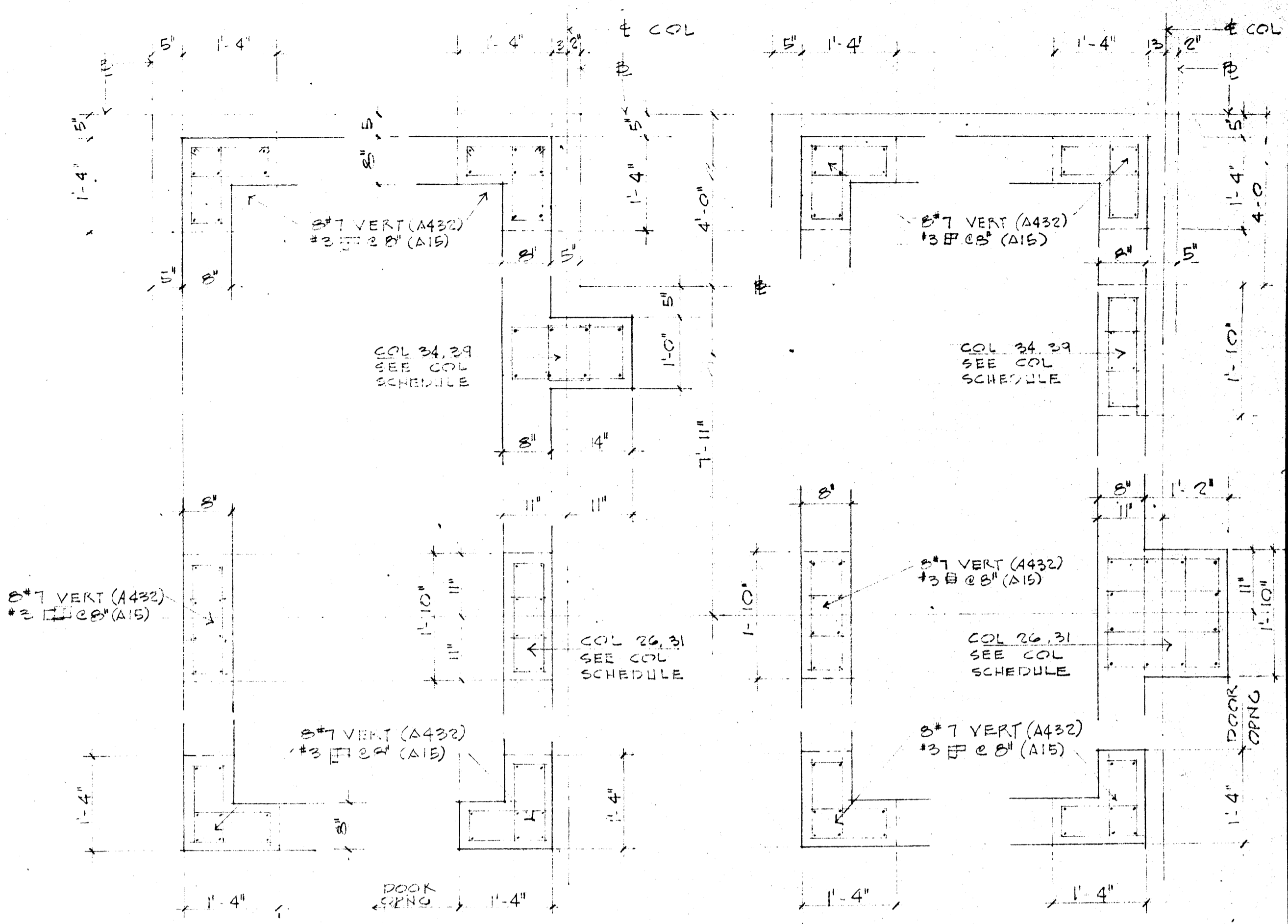
	DATE 6-21-66	LABORATORY SCIENCES BUILDING COLLEGE OF ARKANSAS JONESBORO, ARKANSAS PROJECT NO. ARK. 5-1479	SHEET NUMBER S 6
	DRAWN BY E. J. ...		COMMISSION NUMBER 43066
	CHECKED BY J. ...		
	REVISIONS		
STUCK, FRIER, LANE & SCOTT, INC., ARCHITECTS 601 SOUTHWEST DRIVE • JONESBORO, ARKANSAS			



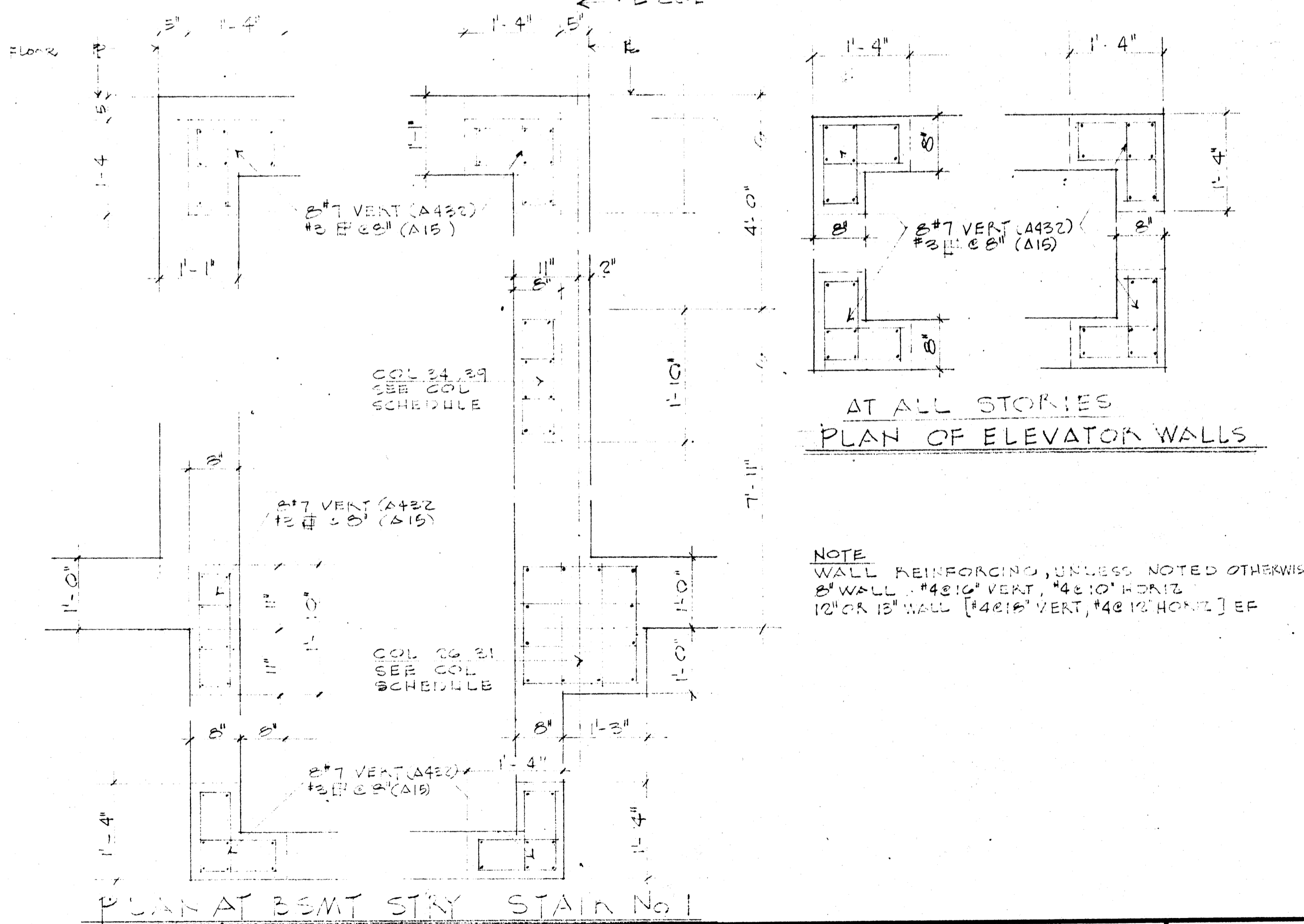
STAIR NO. 1
4" = 1'-0"



STAIR NO. 2
4" = 1'-0"



AT 2ND, 3RD & 4TH STORY
PLAN OF STAIR No 1
STAIR NO. 2 OPPOSITE HAND

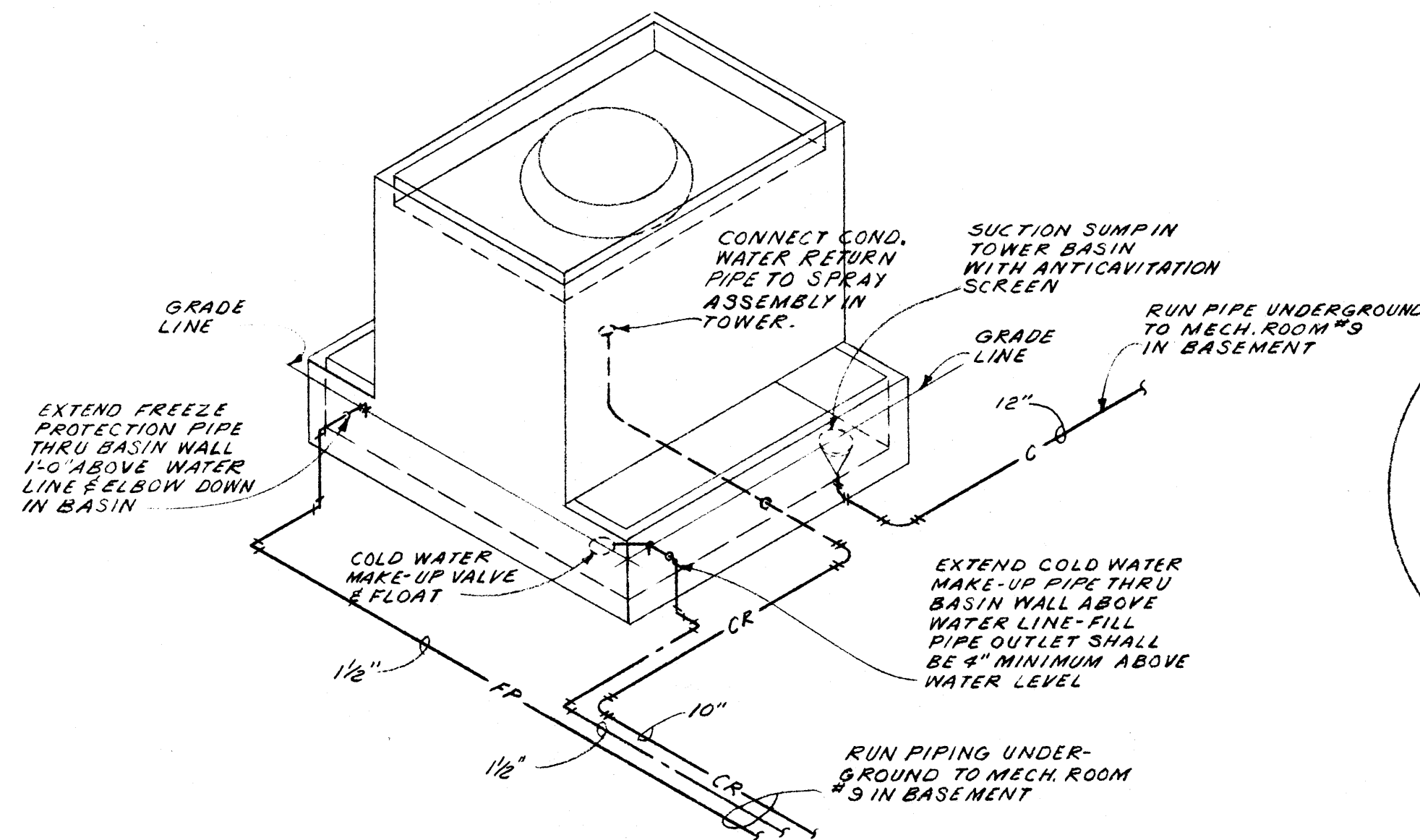


PLAN AT BSMT STORY STAIR No 1

AT ALL STORIES
PLAN OF ELEVATOR WALLS

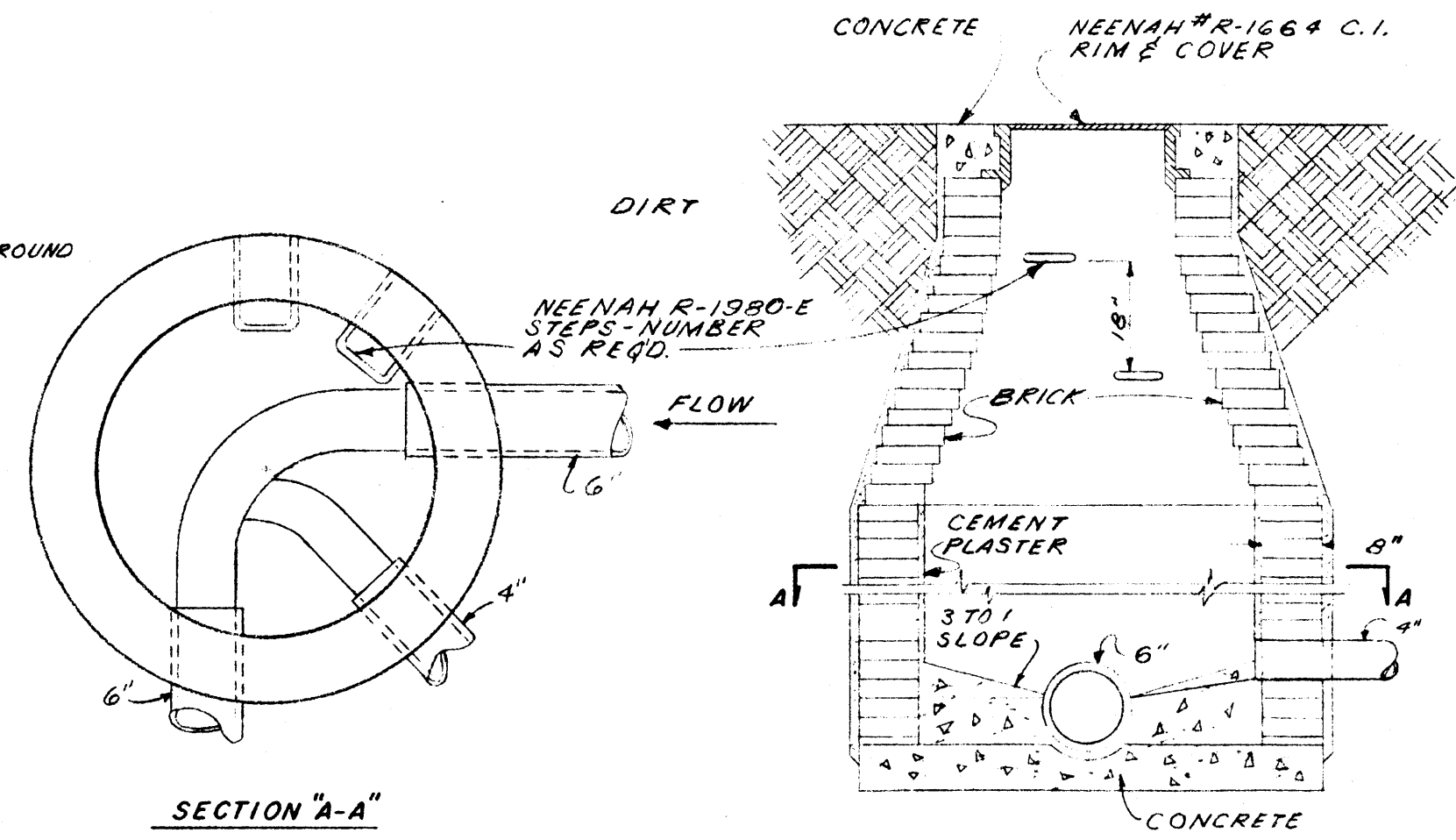
NOTE
WALL REINFORCING, UNLESS NOTED OTHERWISE
8" WALL [4#8 VERT, 4#10 HORIZ
10" OR 12" WALL [4#8 VERT, 4#12 HORIZ] EF

DATE 6-21-66	LABORATORY SCIENCES BUILDING ARKANSAS JONESBORO, PROJECT NO. ARK. 5-1479	SHEET NUMBER S 7
DRAWN BY JBJ	GALLERY ANNAPOLIS	COMMISSION NUMBER 48066
CHECKED BY JBJ	STUCK, FRIER, LANE & SCOTT, INC., ARCHITECTS	
REVISIONS	601 SOUTHWEST DRIVE • JONESBORO, ARKANSAS	



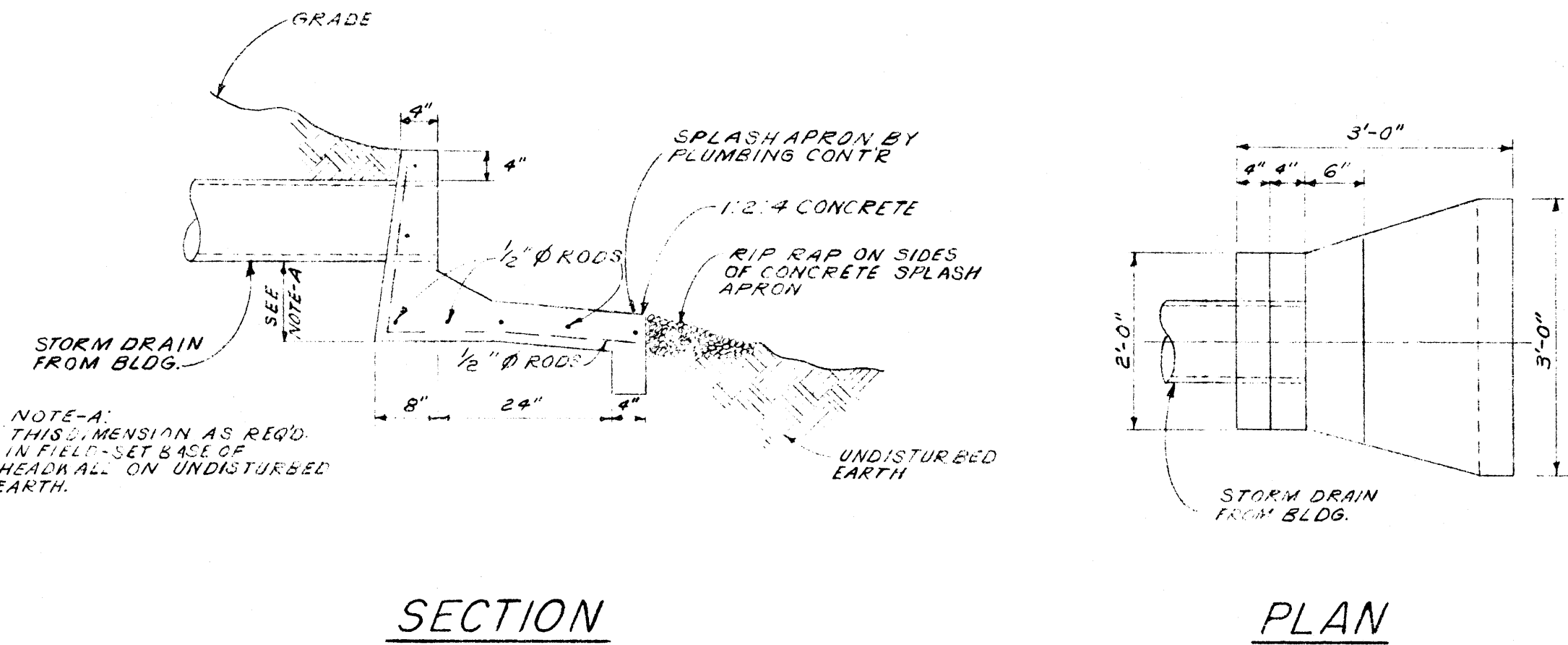
COOLING TOWER PIPING DETAIL

NO SCALE



TYPICAL SANITARY MANHOLE SECTIONS

NO SCALE



SECTION

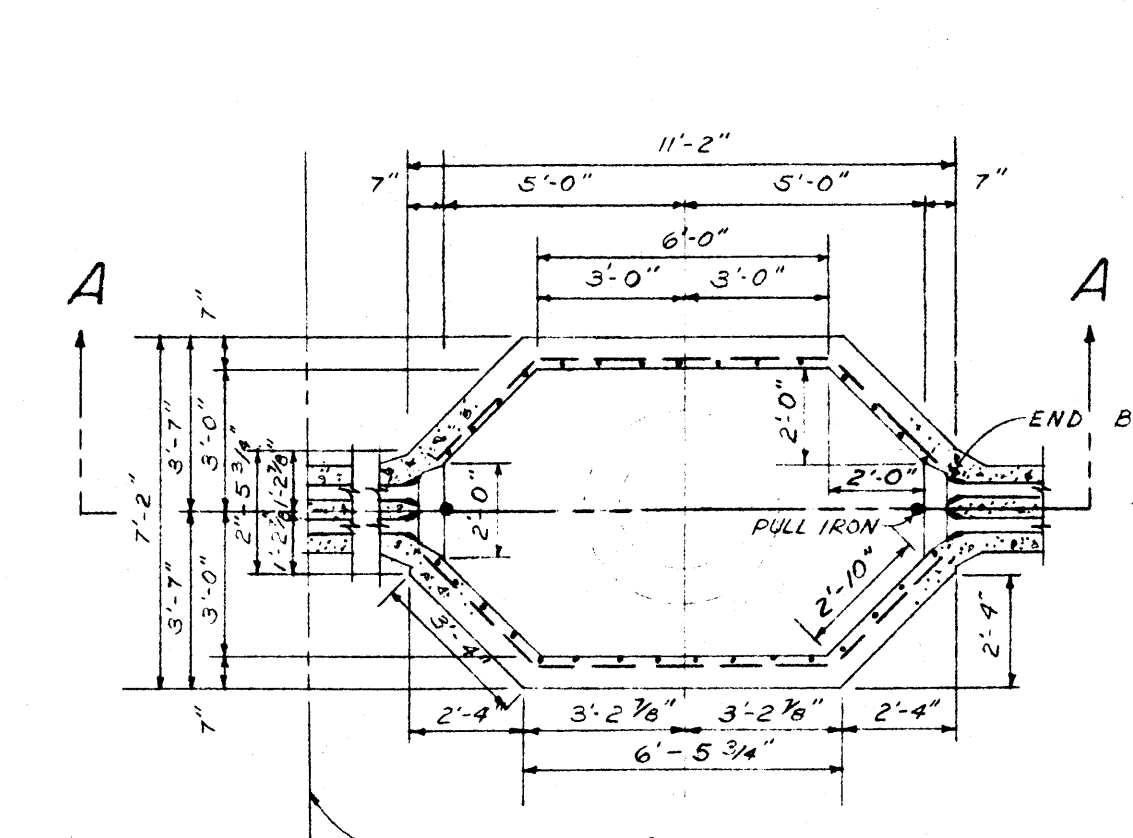
PLAN

NO SCALE

NOTE-1 (E.E.C. CONTRACTOR)
 PROVIDE & INSTALL 2" SYMBOL "N" LIGHTING FIXTURES 7'-0" IN FRONT OF BUILDING SIGN ON CONCRETE PEDESTAL. PROVIDE FLUSH WATER-TIGHT PULL BOX IN PEDESTAL. ADJUST MOUNTING HEIGHT & AIMING OF FIXTURES ON JOB TO PROPERLY ILLUMINATE THE BUILDING SIGN WITHOUT OBSTRUCTING VIEW OF THE SIGN. WIRE LIGHTS TO CIRCUIT #2-14 AND TO TIME CONTROLLED RELAY IN MECH. RM. 117.

NOTES:
 1. FLUG DUCTS AT PROPERTY LINE FOR CONNECTION BY LOCAL UTILITY COMPANY.
 2. SEE SHEET MPE-1 FOR MANHOLE LOCATION.

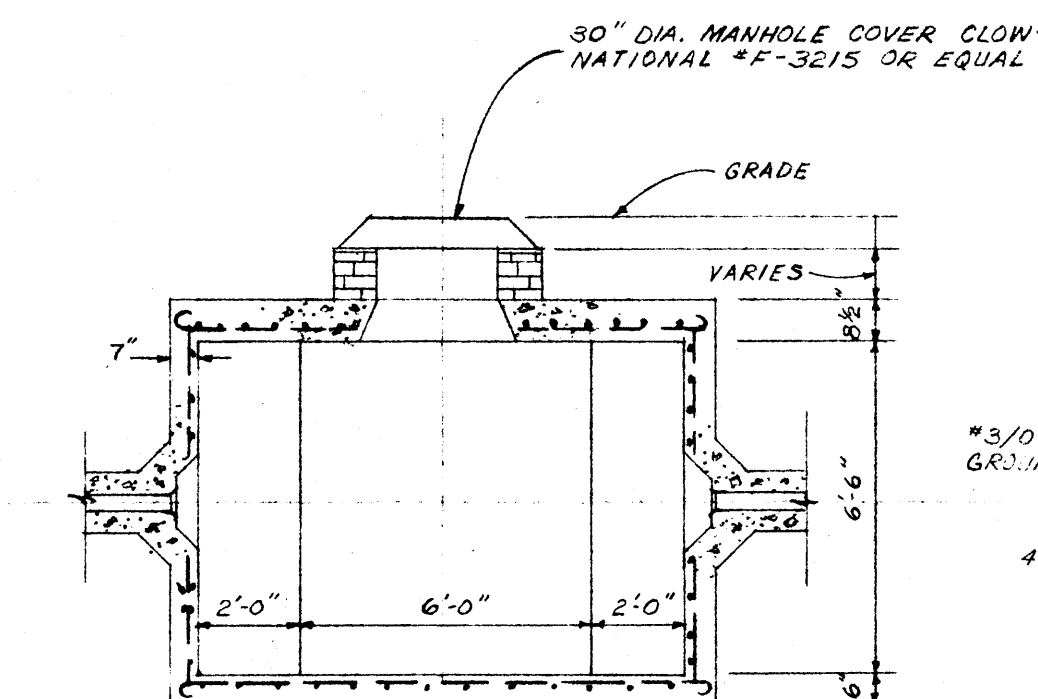
REINFORCEMENT:
 TOP - 5 BARS 7" O.C. BOTH WAYS
 BOTTOM - 5 BARS 8" O.C. BOTH WAYS
 SIDE WALL - VERT. #4 BARS 9" O.C.
 HORIZ. #4 BARS 12" O.C.
 CUT OUT STEEL FOR DUCT ENTRANCES



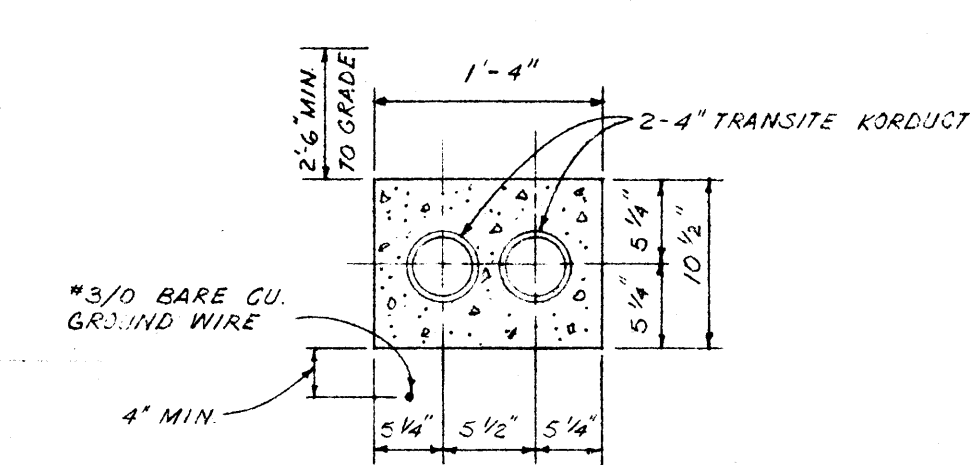
SECTIONAL PLAN

ELEC. MANHOLE

SCALE 1/4" = 1'-0"

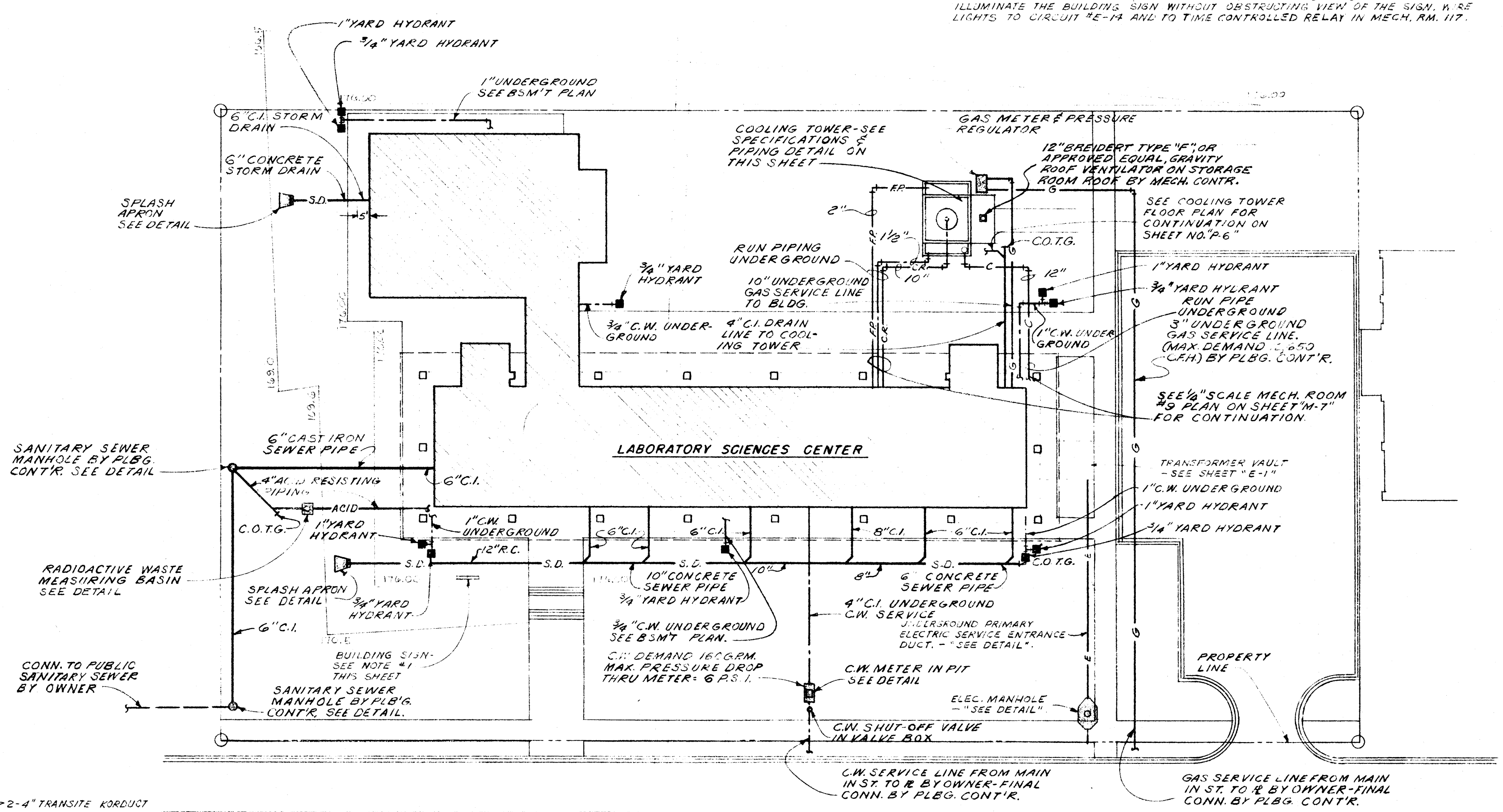


SECTION "A-A"



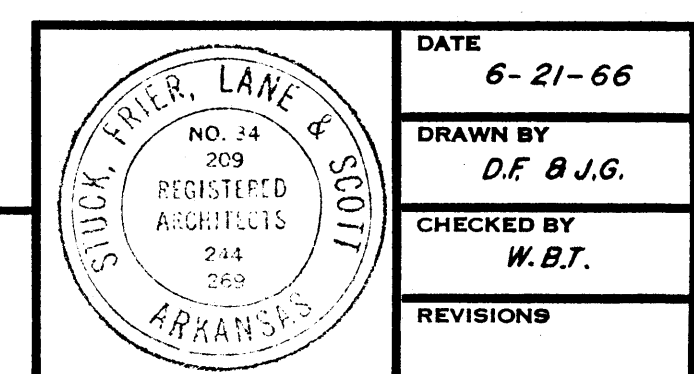
TYPICAL SECTION AT UNDERGROUND DUCT

SCALE: 1" = 1'-0"



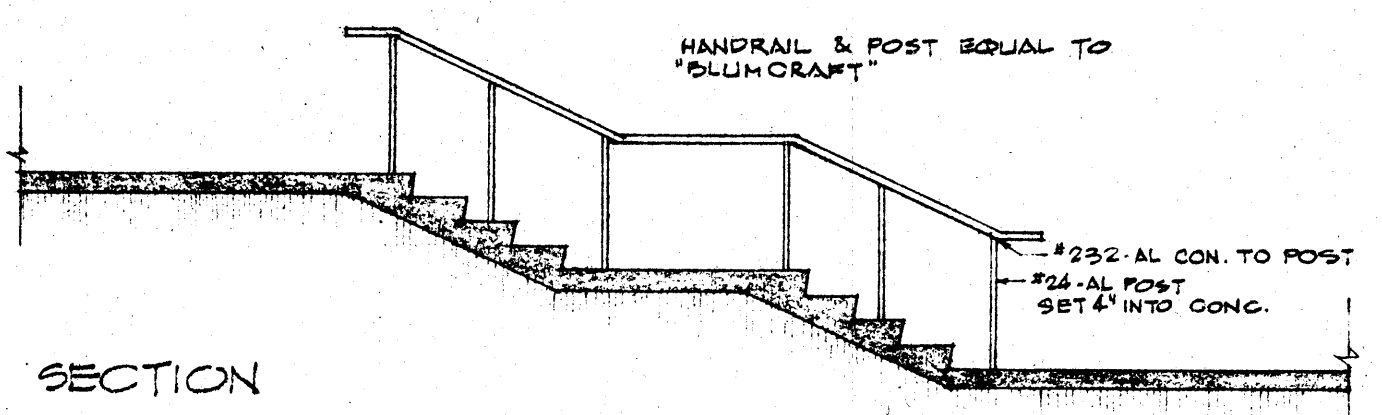
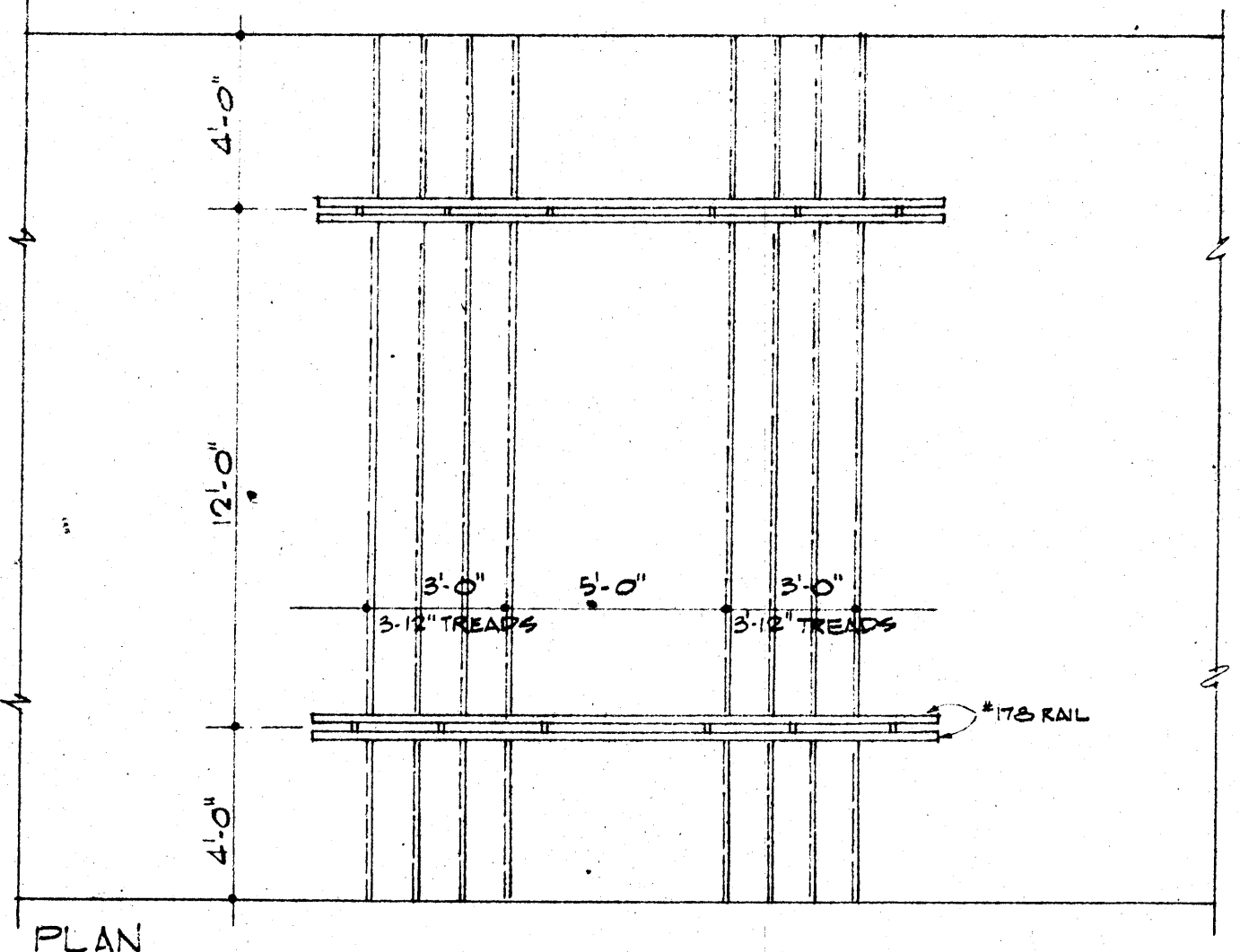
SITE PLAN

SCALE: 1" = 30'-0"

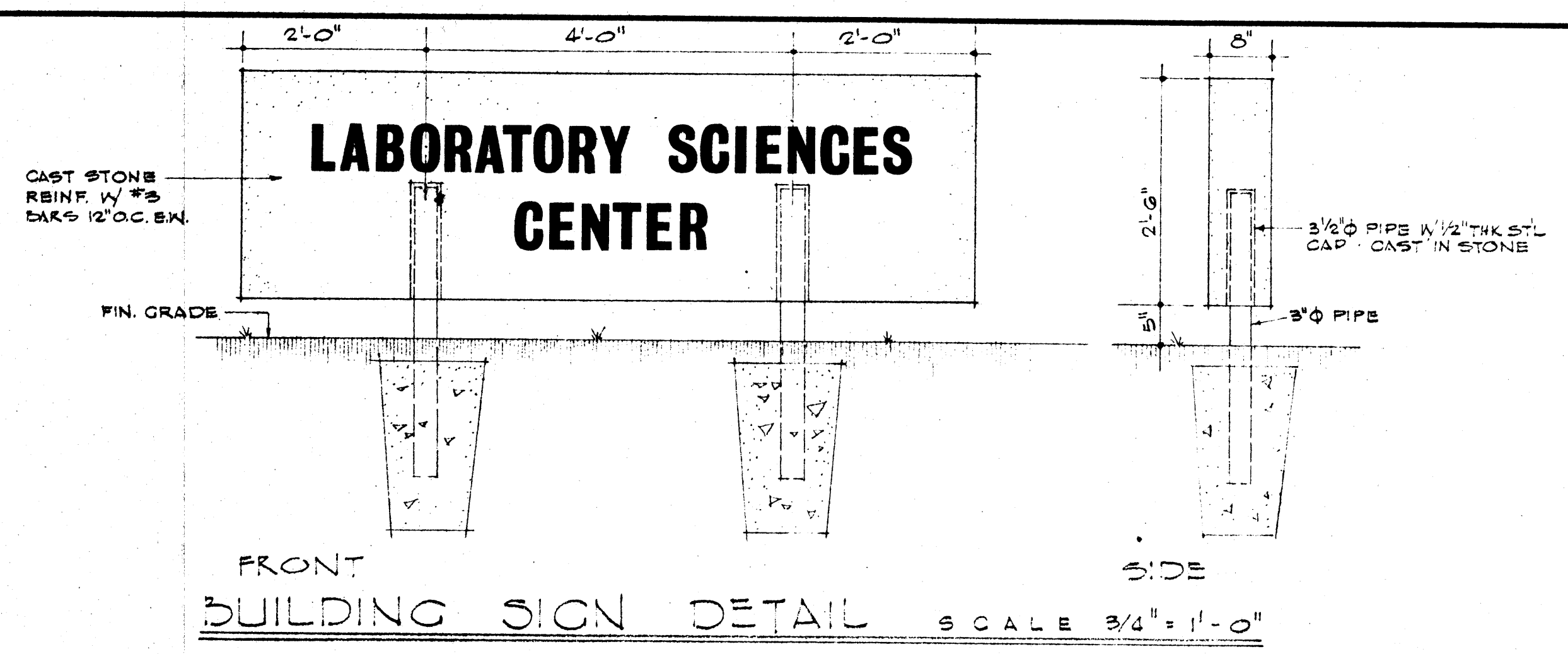


LABORATORY SCIENCES BUILDING
 ARKANSAS STATE COLLEGE
 JONESBORO, ARKANSAS
 PROJECT NO. ARK. 5-1479
STUCK, FRIER, LANE & SCOTT, INC., ARCHITECTS
 601 SOUTHWEST DRIVE • JONESBORO, ARKANSAS

SHEET NUMBER
MPE
1
COMMISSION NUMBER
 43066



EXTERIOR STEP DETAILS SCALE 1/4" = 1'-0"



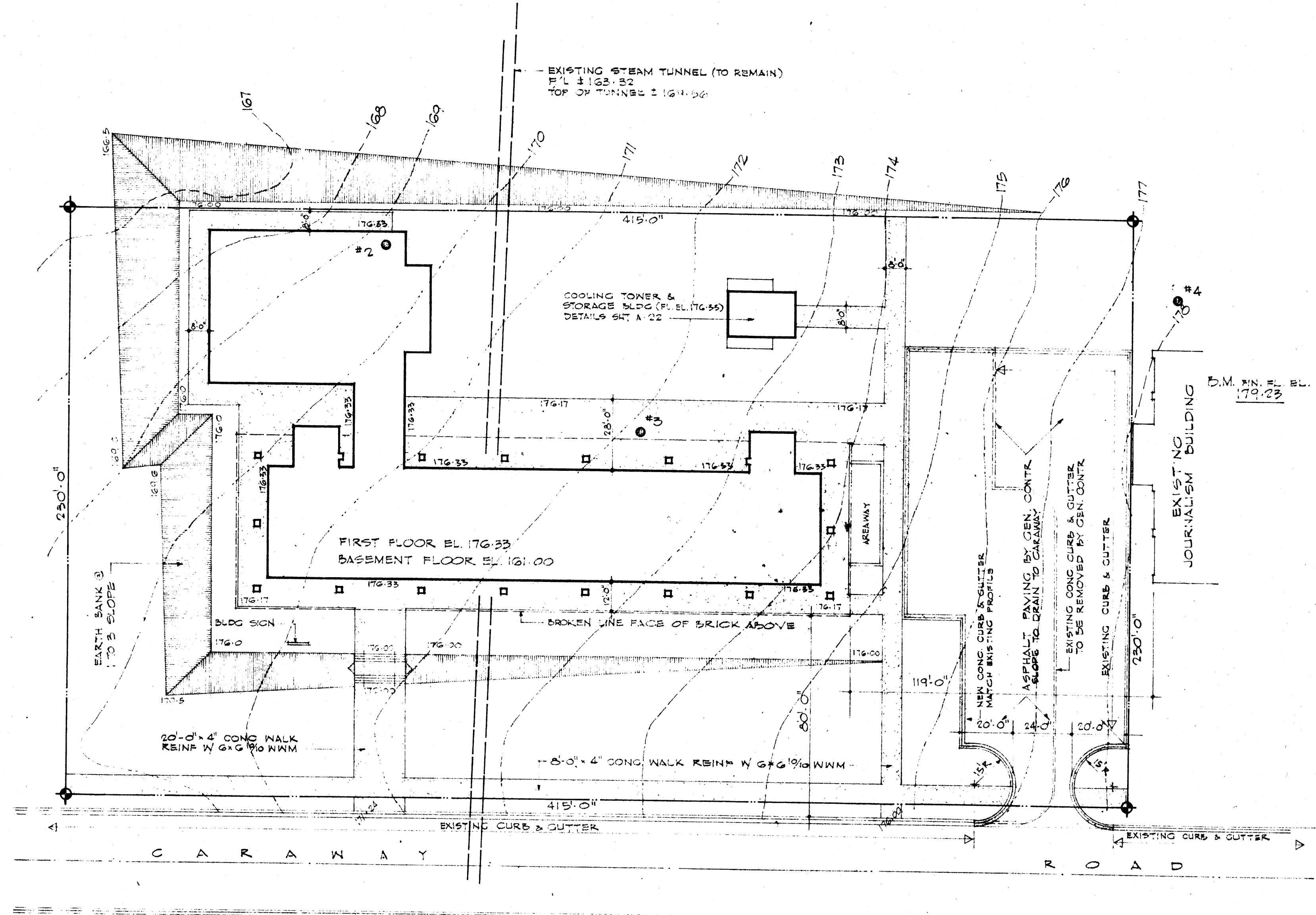
FRONT SIDE BUILDING SIGN DETAIL SCALE 3/4" = 1'-0"

MATERIAL LEGEND

- EARTH
- CONCRETE (SMALL SCALE)
- CONCRETE (LARGE SCALE)
- BRICK
- CONCRETE BLOCK
- WOOD (FINISH)
- WOOD (BLOCKING)
- INSULATION
- CLAY TILE
- MAREZ
- PLASTER
- STEEL
- BATT INSULATION

TEST BORING DATA

ELEV. TOP OF BORING 172.3			ELEV. TOP OF BORING 169.0			ELEV. TOP OF BORING 172.0			ELEV. TOP OF BORING 171.8		
BORING No. 1			BORING No. 2			BORING No. 3			BORING No. 4		
DEPTH	DESCRIPTION	BLOWS PER FT.	DEPTH	DESCRIPTION	BLOWS PER FT.	DEPTH	DESCRIPTION	BLOWS PER FT.	DEPTH	DESCRIPTION	BLOWS PER FT.
14			18	FIRM TOP SOIL AND BROWN CLAYEY SILT		16	VERY STIFF GRAY SILT - DRY		22		
18			17			20			21	HARD TO VERY STIFF BROWN AND GRAY CLAYEY SILT	
19	STIFF TO VERY STIFF BROWN AND GRAY SILT		15	VERY STIFF BROWN AND GRAY CLAYEY SILT		13	VERY STIFF BROWN AND GRAY CLAYEY SILT		18		
22			19			19			19		
15			16			18			31		
9	FIRM BROWN AND TAN CLAYEY SILT		10	STIFF BROWN AND GRAY CLAYEY SILT WITH BEAMS OF SAND		14	STIFF BROWN AND TAN CLAYEY SILT		14		
7			10			7	FIRM BROWN SANDY CLAY		10	STIFF BROWN SANDY CLAY	
29'-6"	VERY DENSE RED AND BROWN SAND CLAY GRAVEL		29'	STIFF TAN AND YELLOW SANDY AND SILTY CLAY		28'-4"	FIRM BROWN SANDY CLAY GRAVEL		28'-4"	DENSE BROWN SAND AND GRAVEL	
30'	BORING TERMINATED		31'	VERY STIFF TAN AND GRAY SANDY CLAY WITH SMALL GRAVEL		29'-6"	FIRM BROWN SANDY CLAY GRAVEL		30'	DENSE RED AND BROWN COARSE SAND	
							BORING TERMINATED				
			24'	FIRM BROWN AND TAN CLAYEY MED. SAND		24'			45'		
			37'			50'					
			50'	VERY DENSE TAN AND YELLOW COARSE SAND		50'					
			50'	BORING TERMINATED							



SITE PLAN SCALE 1" = 30'-0"

- LEGEND**
- EXISTING GRADE
 - NEW GRADES
 - S.G. GENERAL CONTRACTOR
 - TO TOP OF CURB
 - N.E. CONTRACT
 - PROPERTY LINE
 - 1" M. BINDER MARK
 - SOUTH SINK 1" TO 3" SLOPE

DATE
6-21-66

DRAWN BY
DES

CHECKED BY
TOP

REVISIONS

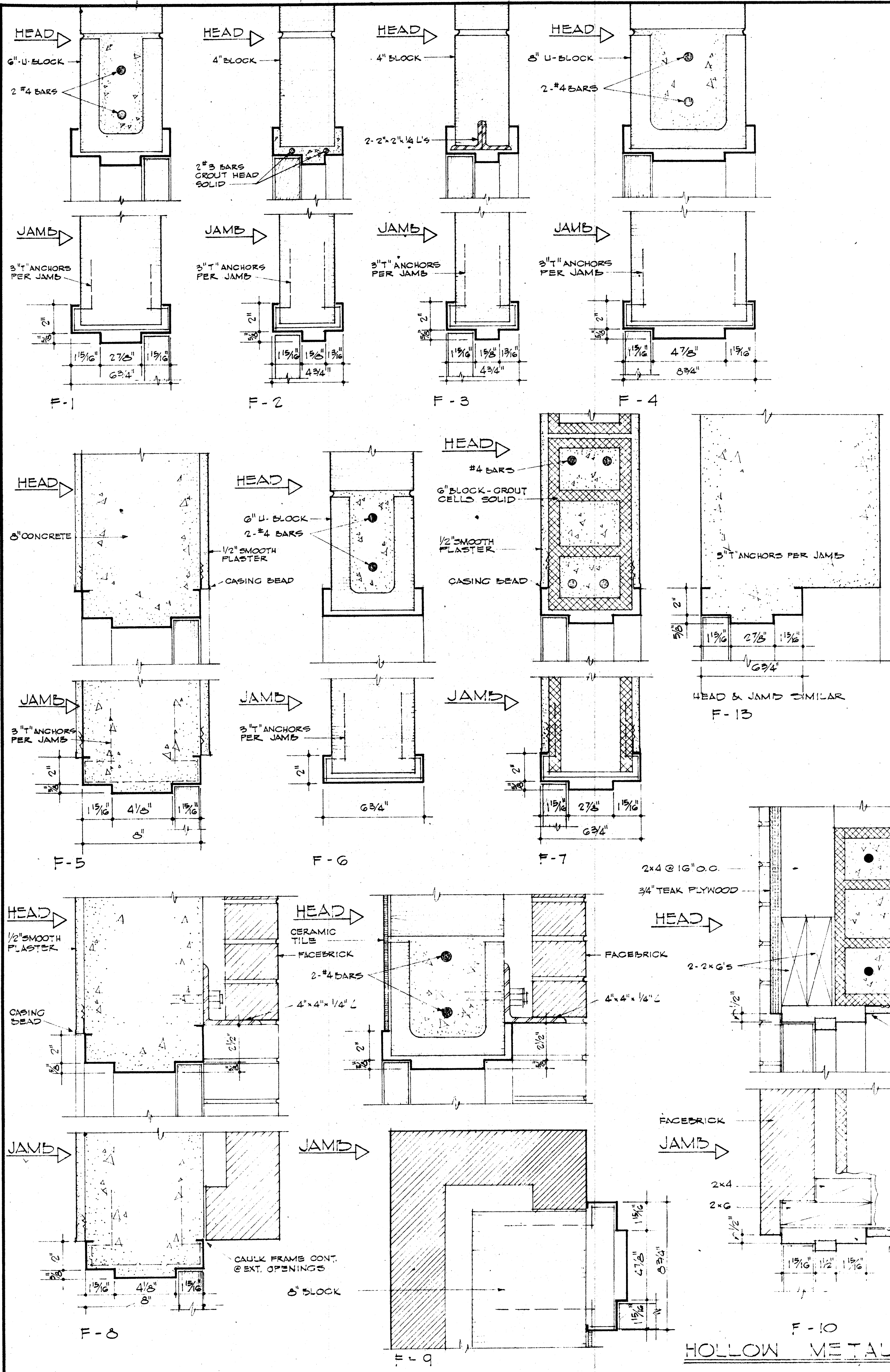
LABORATORY SCIENCES BUILDING
ARKANSAS STATE COLLEGE
JONESBORO, ARKANSAS

PROJECT NO. ARK. 5-1479

STUCK, FRIER, LANE & SCOTT, INC., ARCHITECTS
601 SOUTHWEST DRIVE • JONESBORO, ARKANSAS

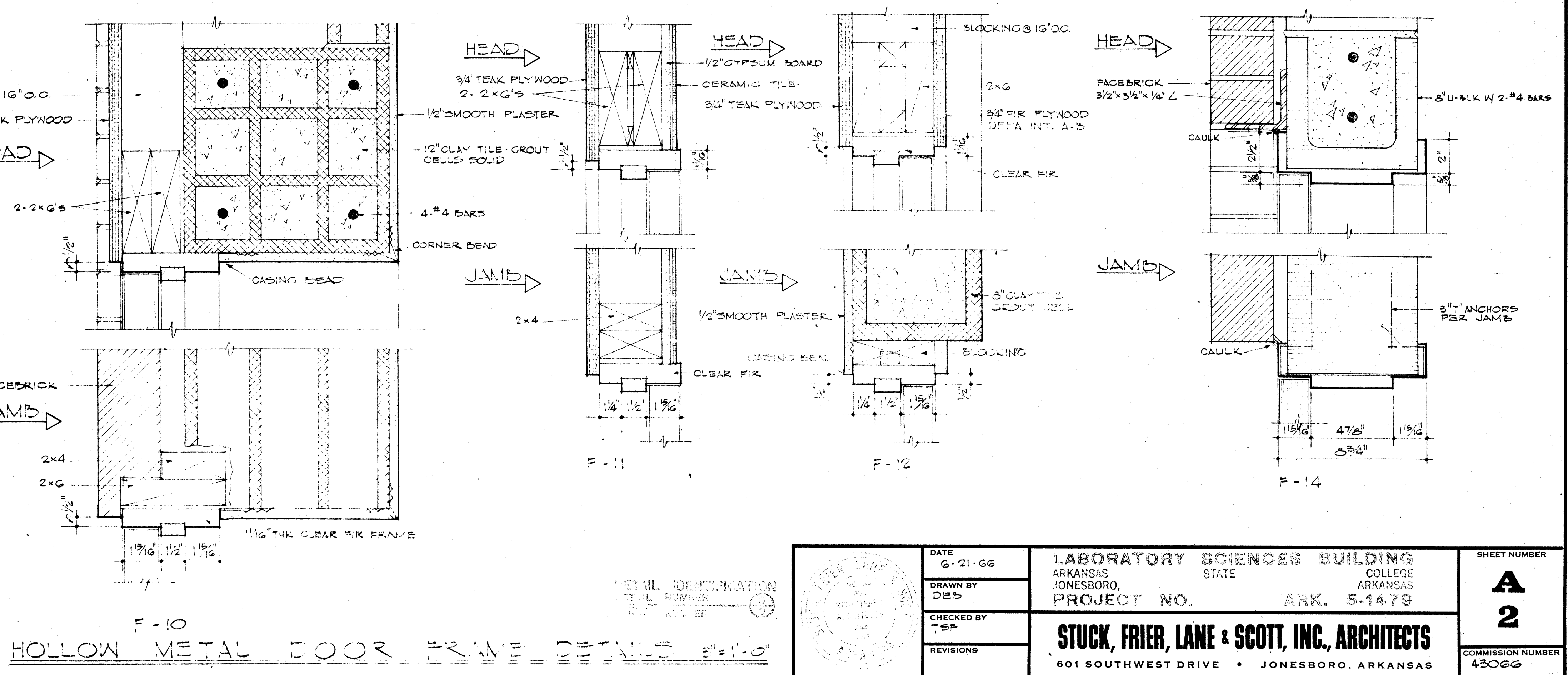
SHEET NUMBER
A
1

COMMISSION NUMBER
42006



INTERIOR FINISH SCHEDULE

MARK	FLOOR	BASE	WAINSCOT	WALLS	CEILING	CLG. HGT.	REMARKS
F-1	EXPOSED CONCRETE	4" VINYL TOP SET	---	CONCRETE BLOCK OR EXPOSED CONCRETE - PAINTED	EXPOSED CONCRETE - PAINTED	---	
F-2	EXPOSED CONCRETE TREADS & RISERS - PAINTED	---	---	EXPOSED CONCRETE - PAINTED	EXPOSED CONCRETE @ UNDERSIDE OF LANDINGS & STAIRS - PAINTED SUS. ACOUSTICAL	8'-0"	
F-3	SEAMLESS PLASTIC ON CONCRETE	4" VINYL TOP SET	---	SEAMLESS PLASTIC ON CONCRETE BLOCK OR EXPOSED CONCRETE	SEAMLESS PLASTIC ON SUS. PLASTER	9'-0"	
F-4	1/4" MAREZ	SAME	---	CONCRETE BLOCK OR EXPOSED CONCRETE - PAINT GLAZE SMOOTH PLASTER @ ELEVATOR & STAIR-WALLS	SUS. ACOUSTICAL	8'-0"	
F-5	1/8" VINYL ASBESTOS	SAME	---	CONCRETE BLOCK OR EXPOSED CONCRETE - PAINTED	EXPOSED CONCRETE - PAINTED	---	
F-6	CERAMIC TILE	CERAMIC TILE	---	CERAMIC TILE	SUS. ACOUSTICAL	8'-0"	SEE ROOM ELEVATIONS SHT A-21
F-7	1/4" MAREZ	4" VINYL TOP SET	---	1/2" SMOOTH PLASTER ON EXPOSED CONCRETE - PAINT GLAZE	1/2" SMOOTH PLASTER @ UNDERSIDE OF LANDINGS & STAIRS - PAINT GLAZE SUS. ACOU. CLG. TOP LANDING	8'-0"	SEE STAIR SECTION SHT A-15
F-8	EXPOSED CONCRETE	---	---	CONCRETE BLOCK OR EXPOSED CONCRETE	EXPOSED CONCRETE	---	
F-9	1/8" VINYL ASBESTOS	4" VINYL TOP SET	---	CONCRETE BLOCK OR EXPOSED CONCRETE - PAINTED	SUS. ACOUSTICAL	---	
F-10	1/4" MAREZ	4" VINYL TOP SET	---	1/2" SMOOTH PLASTER ON CONCRETE OR CLAY TILE - PAINTED FACEBRICK - GLAZE 3/4" TEAK PANELING	SUS. ACOUSTICAL	10'-6"	TEAK PANELING - SEE DET. SHT A-3 8'-0" CLG. HGT. CORRIDOR #10
F-11	CARPET	SAME	---	1/2" SMOOTH PLASTER ON CLAY TILE GLAZE	SAME	10'-6"	
F-12	SAME	SAME	---	1/2" SMOOTH PLASTER ON CLAY TILE GLAZE TEAK PANELING ON WOOD STUDS	SAME	10'-6"	
F-13	SAME MAREZ @ 8FT LEVEL	SAME	---	1/2" SMOOTH PLASTER ON CLAY TILE OR CONCRETE	SUS. SMOOTH PLASTER OILED TEAK @ DOORS	---	SEE ROOM ELEVATIONS SHT A-19 & A-20
F-14	EXPOSED CONCRETE	---	---	CONCRETE BLOCK - PAINTED	3/16" GPM. ASS. SP. - PAINTED	---	



F-10
HOLLOW METAL DOOR FRAME DETAILS 8'-11-0"

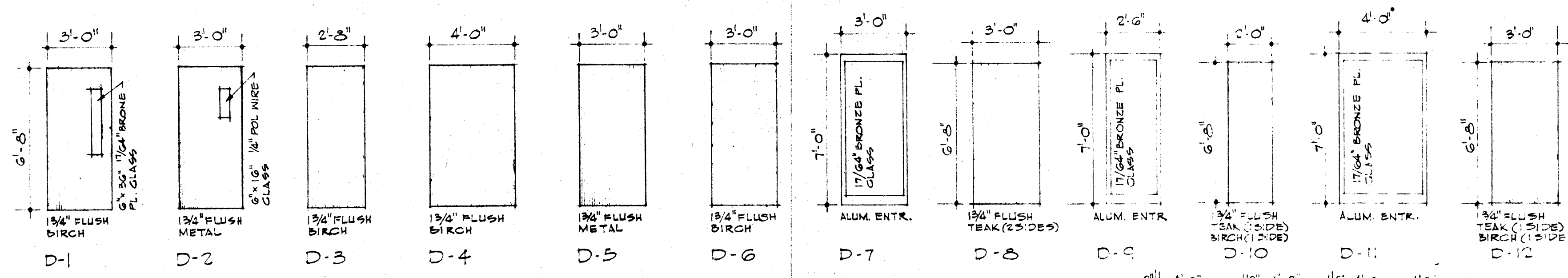
	DATE 6-21-66	LABORATORY SCIENCES BUILDING ARKANSAS STATE COLLEGE JONESBORO, ARKANSAS PROJECT NO. ARK. 5-1479	SHEET NUMBER A 2
	DRAWN BY DES		COMMISSION NUMBER 43066
	CHECKED BY T.S.F.		
	REVISIONS		
STUCK, FRIER, LANE & SCOTT, INC., ARCHITECTS 601 SOUTHWEST DRIVE • JONESBORO, ARKANSAS			

DOOR REFERENCE SCHEDULE

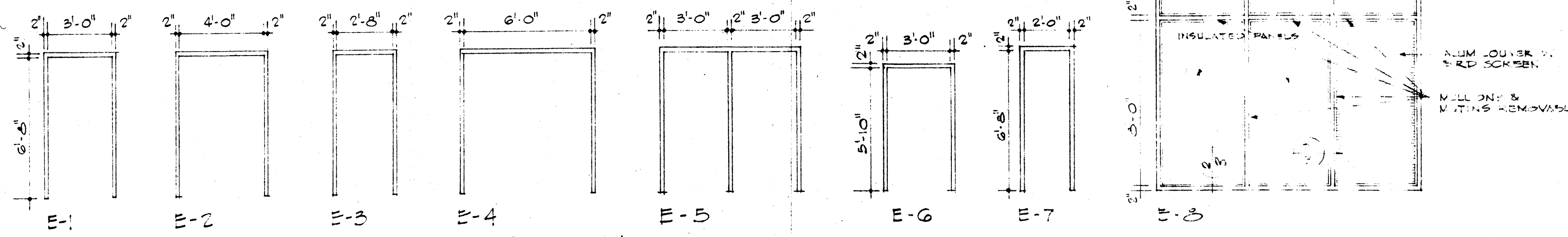
BASEMENT								FIRST FLOOR						SECOND FLOOR						THIRD FLOOR						FOURTH FLOOR						
OPENING	DOOR TYPE LABEL	THRESHOLD TYPE	FRAME			HWDB GROUP	GRILL SIZE	OPENING	DOOR TYPE LABEL	THRESHOLD TYPE	FRAME			HWDB GROUP	GRILL SIZE	OPENING	DOOR TYPE LABEL	THRESHOLD TYPE	FRAME			HWDB GROUP	GRILL SIZE	OPENING	DOOR TYPE LABEL	THRESHOLD TYPE	FRAME			HWDB GROUP	GRILL SIZE	
			TYPE	ELEV	MAT'L						TYPE	ELEV	MAT'L					TYPE	ELEV	MAT'L						TYPE	ELEV	MAT'L				
1	D-5	B	ALUM	F-5	E-1	H.M.	4	101	D-5		ALUM	F-5	E-1	H.M.	11	201	D-6		ALUM	F-2	E-1	H.M.	6	301	D-6		ALUM	F-2	E-1	H.M.	6	
2	D-12		ALUM	F-12		WOOD	4	102			ALUM					202	D-6		ALUM	F-1	E-1	H.M.	6	302	D-6		ALUM	F-6	E-4	H.M.	6	
3	D-12		ALUM	F-12		WOOD	4	103	(2) D-5		ALUM	F-10		WOOD	12	203	D-1		ALUM	F-1	E-1	H.M.	9	303	D-1		ALUM	F-1	E-1	H.M.	9	
4	(2) D-5	B	ALUM	F-5	E-4	H.M.	5	104	D-5		MARBLE	F-9	E-3	H.M.	13	204	(2) D-2	B		F-5	E-5	H.M.	3	304	(2) D-2	B		F-5	E-5	H.M.	3	
5	D-1		ALUM	F-1	E-1	H.M.	2	105	(2) D-5		ALUM	F-10		WOOD	12	205	D-1		ALUM	F-2	E-1	H.M.	9	305	D-1		ALUM	F-1	E-1	H.M.	2	
6	D-6		ALUM	F-1	E-1	H.M.	6	106	(2) D-6		ALUM	F-10		WOOD	12	206	D-1		ALUM	F-2	E-1	H.M.	9	306	D-1		ALUM	F-1	E-1	H.M.	2	
7	D-1		ALUM	F-1	E-1	H.M.	2	107	D-5		MARBLE	F-9	E-3	H.M.	13	207	D-6		ALUM	F-1	E-1	H.M.	6	307	(2) D-1		ALUM	F-3	E-4	H.M.	15	
8	D-1		ALUM	F-1	E-1	H.M.	2	108	(2) D-9		ALUM					208	D-6		ALUM	F-1	E-1	H.M.	6	308	D-4		ALUM	F-1	E-2	H.M.	2	
9	D-6		ALUM	F-1	E-1	H.M.	6	109	(2) D-9		ALUM					209	(2) D-9		ALUM	F-1	E-4	H.M.	7	309	D-1		ALUM	F-1	E-1	H.M.	2	
10				F-6	E-1	H.M.		110	(2) D-7		ALUM					210	D-3		ALUM	F-1	E-3	H.M.	6	310	D-1		ALUM	F-1	E-1	H.M.	2	
11	(2) D-1		ALUM	F-1	E-4	H.M.	7	111	(2) D-2	B		F-8	E-5	H.M.	3	211	D-6		ALUM	F-1	E-1	H.M.	6	311	D-1		ALUM	F-1	E-1	H.M.	2	
12	D-5	B	ALUM	F-1	E-1	H.M.	6	112	D-6		ALUM	F-7	E-1	H.M.	2	212	D-6		ALUM	F-1	E-1	H.M.	6	312	D-1		ALUM	F-1	E-1	H.M.	2	
13	D-4		ALUM	F-1	E-2	H.M.	2	113	D-6		ALUM	F-7	E-1	H.M.	10	213	D-1		ALUM	F-2	E-1	H.M.	9	313	D-1		ALUM	F-1	E-1	H.M.	2	
14	D-1		ALUM	F-1	E-1	H.M.	2	114	D-10		MARBLE	F-11		WOOD	14	214	D-1		ALUM	F-1	E-1	H.M.	2	314	D-1		ALUM	F-1	E-1	H.M.	2	
15				F-6	E-1	H.M.		115	D-3		ALUM	F-7	E-3	H.M.	10	215	D-1		ALUM	F-1	E-1	H.M.	2	315	D-1		ALUM	F-1	E-1	H.M.	2	
16	D-1		ALUM	F-1	E-1	H.M.	2	116	D-3		ALUM	F-7	E-3	H.M.	6	216	D-1		ALUM	F-1	E-1	H.M.	2	316	D-4		ALUM	F-1	E-2	H.M.	2	
17	D-2	B		F-5	E-1	H.M.	5	117	D-6		ALUM	F-7	E-1	H.M.	2	217	D-1		ALUM	F-1	E-1	H.M.	2	317	(2) D-1		ALUM	F-3	E-4	H.M.	15	
18	D-4		ALUM	F-1	E-2	H.M.	9	118	D-7		ALUM					218	D-1		ALUM	F-1	E-1	H.M.	2	318	D-1		ALUM	F-1	E-1	H.M.	2	
19	D-1		ALUM	F-1	E-1	H.M.	2	119	(2) D-11		ALUM					219	D-1		ALUM	F-1	E-1	H.M.	2	319	D-6		ALUM	F-1	E-1	H.M.	6	
20	D-14			F-13	E-6	H.M.	6	120	(2) D-11		ALUM					220	D-1		ALUM	F-1	E-1	H.M.	2	320				F-6	E-4	H.M.		
21	D-1		ALUM	F-1	E-1	H.M.	2	121	D-1		ALUM	F-7	E-1	H.M.	9	221	D-1		ALUM	F-1	E-1	H.M.	2	321	D-3		ALUM	F-1	E-3	H.M.	6	
22	D-1		ALUM	F-1	E-1	H.M.	2	122	D-7		ALUM					222	D-1		ALUM	F-1	E-1	H.M.	2	322	D-3		MARBLE	F-1	E-3	H.M.	15	
23	D-4			F-3	E-2	H.M.	9	123	D-2	B		F-7	E-1	H.M.	6	223	D-1		ALUM	F-1	E-1	H.M.	2	323	D-3		MARBLE	F-1	E-3	H.M.	15	
24	D-5	B		F-13	E-1	H.M.	6	124	D-1		ALUM	F-7	E-1	H.M.	9	224	D-1		ALUM	F-2	E-1	H.M.	9	324	(2) D-5	B		ALUM	F-4	E-4	H.M.	5
25	D-4			F-3	E-2	H.M.	9	125	D-1		ALUM	F-7	E-1	H.M.	9	225	D-6		ALUM	F-1	E-1	H.M.	6	325	(2) D-2	B		F-5	E-5	H.M.	3	
26	D-1		ALUM	F-2	E-1	H.M.	9	126	D-1		ALUM	F-7	E-1	H.M.	2	226	D-6		ALUM	F-1	E-1	H.M.	6	326	D-1		ALUM	F-1	E-1	H.M.	2	
27	D-6		ALUM	F-1	E-1	H.M.	6	127	D-6		ALUM	F-7	E-1	H.M.	2	227	D-3		MARBLE	F-1	E-3	H.M.	13	327	D-6		ALUM	F-2	E-1	H.M.	6	
28	D-4		ALUM	F-3	E-2	H.M.	9	128	D-6		ALUM	F-7	E-1	H.M.	2	228	D-3		MARBLE	F-1	E-3	H.M.	13	328	D-1		ALUM	F-2	E-1	H.M.	9	
29				F-6	E-1	H.M.		129	D-1		ALUM	F-7	E-1	H.M.	9	229	(2) D-9	B		ALUM	F-4	E-4	H.M.	5	329	D-1		ALUM	F-2	E-1	H.M.	9
30	(2) D-1		ALUM	F-4	E-4	H.M.	7	130	D-1		ALUM	F-7	E-1	H.M.	9	230	D-1		ALUM	F-2	E-1	H.M.	9	330	D-6		ALUM	F-1	E-1	H.M.	6	
31	D-4		ALUM	F-3	E-2	H.M.	9	131	D-1		ALUM	F-7	E-1	H.M.	2	231	D-6		ALUM	F-1	E-1	H.M.	6	331	D-6		ALUM	F-1	E-1	H.M.	6	
32	D-6		ALUM	F-1	E-1	H.M.	6	132	D-6		ALUM	F-7	E-1	H.M.	2	232	D-6		ALUM	F-1	E-1	H.M.	6	332	D-15		ALUM	F-1	E-7	H.M.	6	
33	D-4		ALUM	F-3	E-2	H.M.	9	133	D-6		ALUM	F-7	E-1	H.M.	2	233	D-6		ALUM	F-1	E-1	H.M.	6									
34	D-2	B		F-5	E-1	H.M.	5	134	D-1		ALUM	F-7	E-1	H.M.	2	234	D-1		ALUM	F-2	E-1	H.M.	9									
35	D-4		ALUM	F-4	E-2	H.M.	9	135	D-6		ALUM	F-7	E-1	H.M.	2	235	(2) D-1		ALUM	F-1	E-4	H.M.	12									
36	D-1		ALUM	F-2	E-1	H.M.	2	136	D-6		ALUM	F-7	E-1	H.M.	2	236	(2) D-2	B		F-5	E-5	H.M.	3									
37	D-1		ALUM	F-2	E-1	H.M.	2	137	D-1		ALUM	F-7	E-1	H.M.	9																	
38	D-6		ALUM	F-1	E-1	H.M.	2	138	D-1		ALUM	F-7	E-1	H.M.	9																	
39	D-6		ALUM	F-1	E-1	H.M.	10	139	(2) D-5	B		F-7	E-4	H.M.	5																	
40	D-1		ALUM	F-2	E-1	H.M.	6	140	D-1		ALUM	F-7	E-1	H.M.	9																	
41	(2) D-5	B		F-4	E-4	H.M.	5	141	D-15																							
42	D-2	B		F-13	E-1	H.M.	9	142	D-1		ALUM	F-7	E-1	H.M.	9																	
43	SEE E-8 THIS SHEET							143	(2) D-2	B		F-8	E-5	H.M.	3																	
44	D-5		ALUM	F-13	E-1	H.M.	9	144	(2) D-7		ALUM																					
45	D-14			F-13	E-6	H.M.	6	145	D-6		ALUM	F-7	E-1	H.M.	2																	
								146	(2) D-2		ALUM	F-14	E-4	H.M.	5																	
								147	D-1		ALUM	F-7	E-1	H.M.	9																	

ROOF

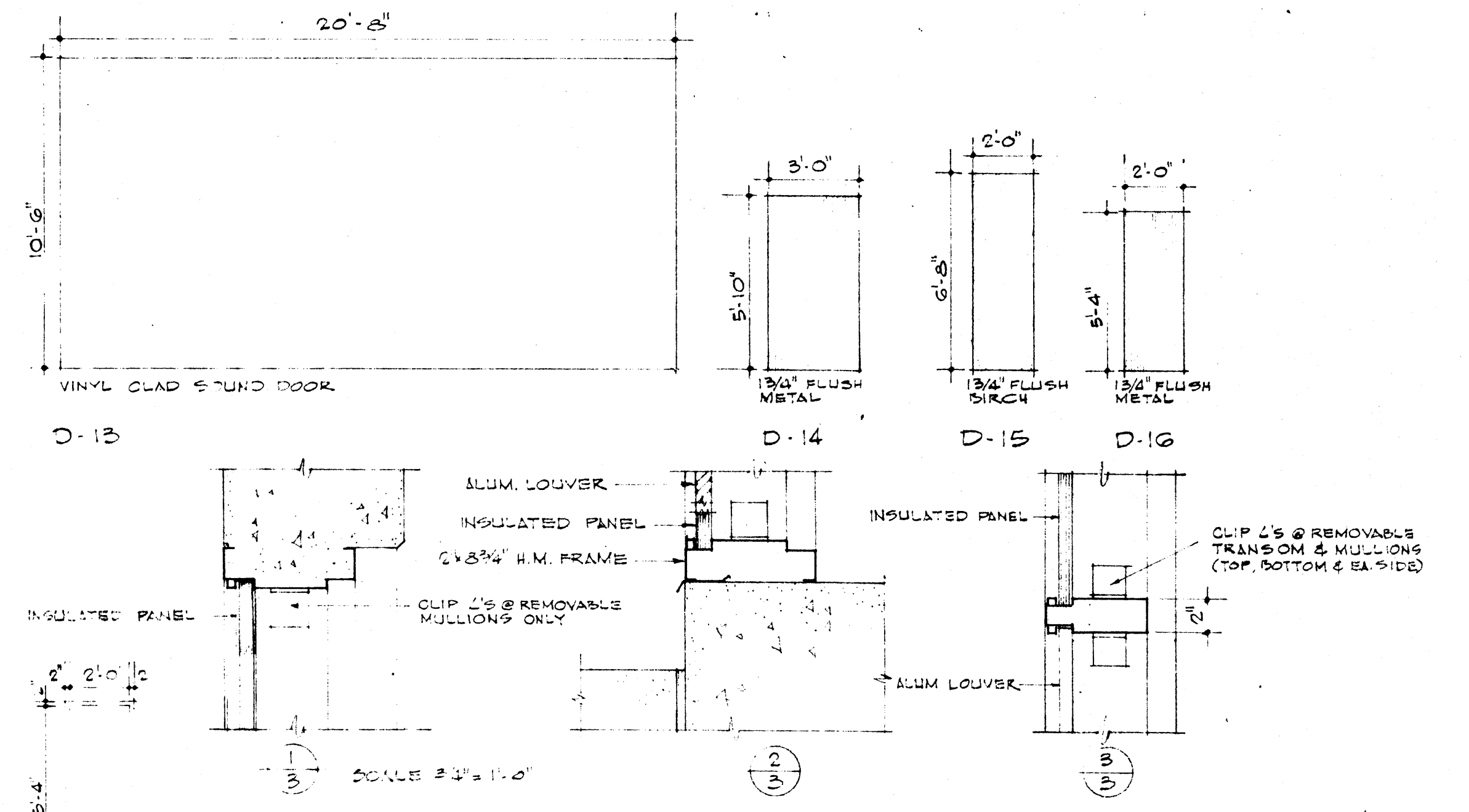
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503	D-6		ALUM	F-4	E-9	H.M.	9



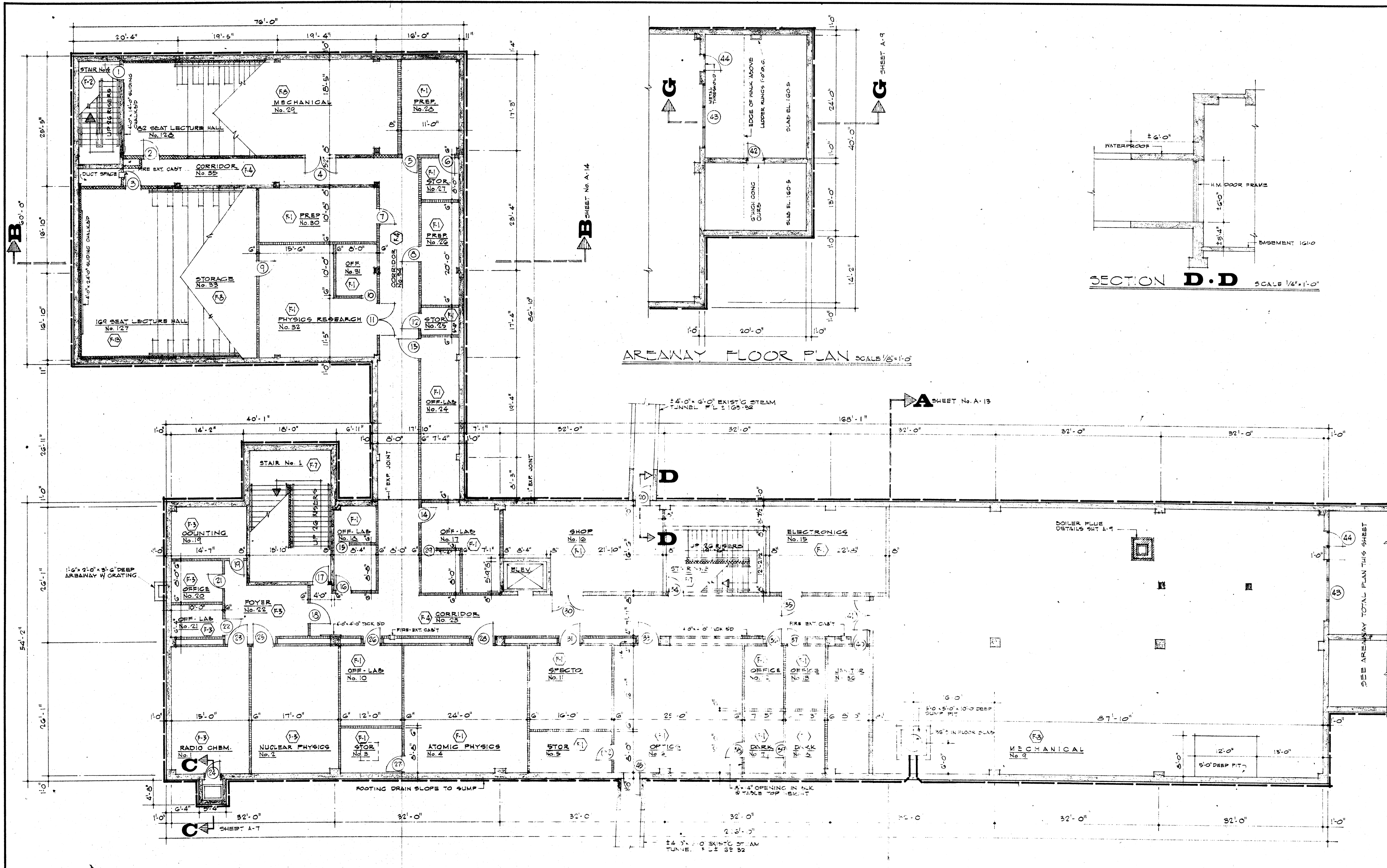
DOOR SCHEDULE SCALE 1/4" = 1'-0"



DOOR FRAME ELEVATIONS SCALE 1/4" = 1'-0"



DATE 6-21-66	LABORATORY SCIENCES BUILDING ARKANSAS STATE COLLEGE JONESBORO, ARKANSAS PROJECT NO. ARK. 54479	SHEET NUMBER A
DRAWN BY DEB		3
CHECKED BY -d-	STUCK, FRIER, LANE & SCOTT, INC., ARCHITECTS 601 SOUTHWEST DRIVE • JONESBORO, ARKANSAS	COMMISSION NUMBER 43066
REVISIONS		

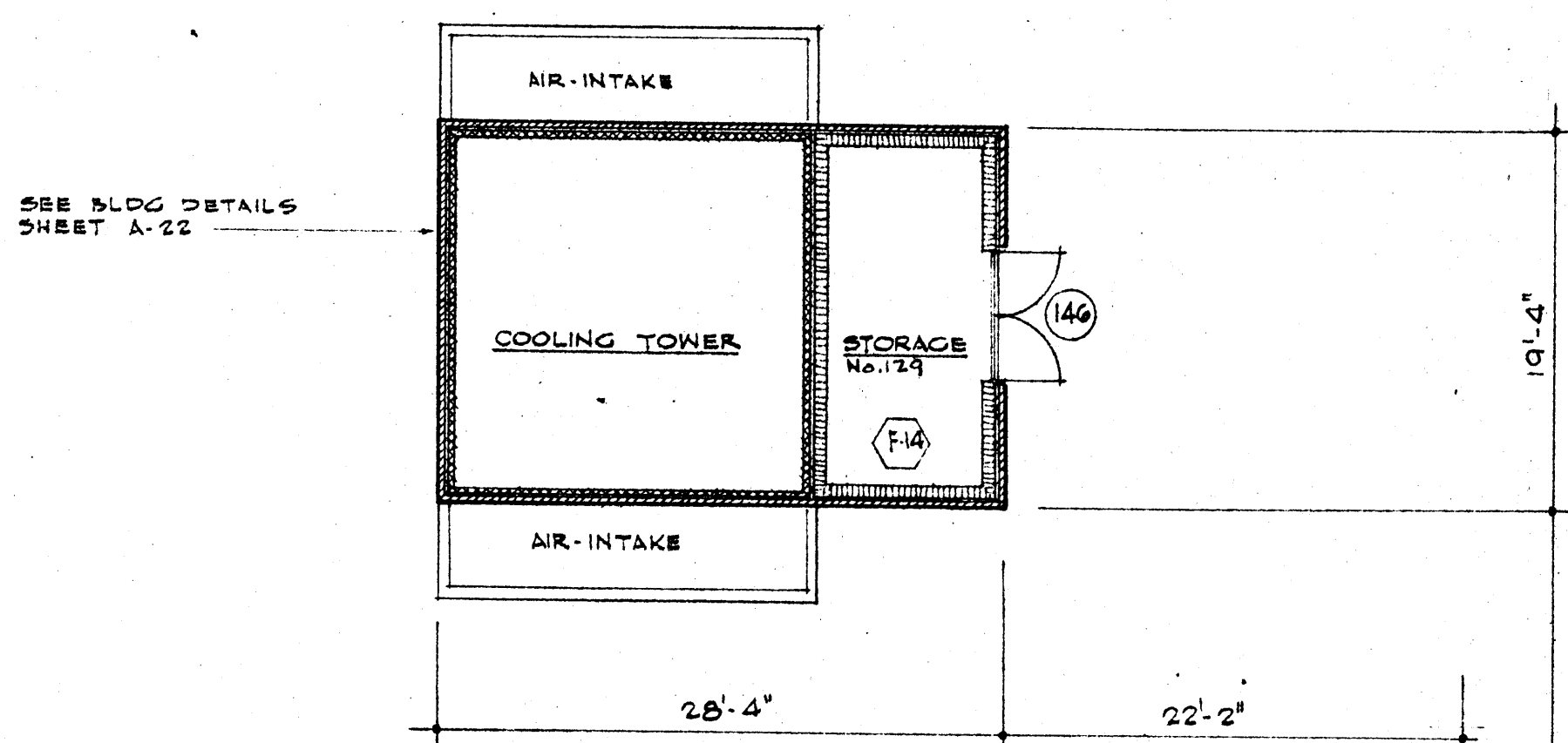
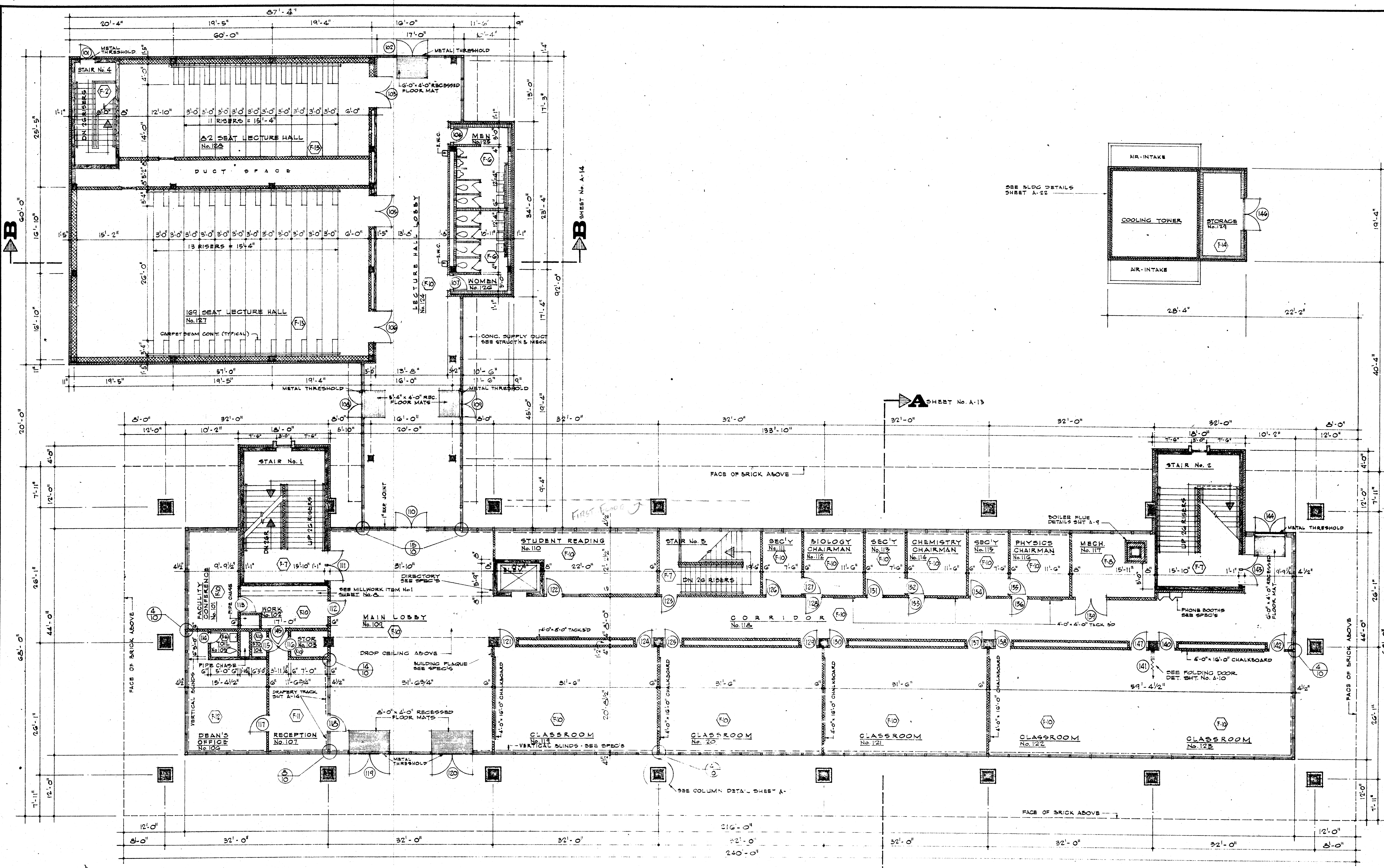


AREAWAY FLOOR PLAN SCALE 1/8"=1'-0"

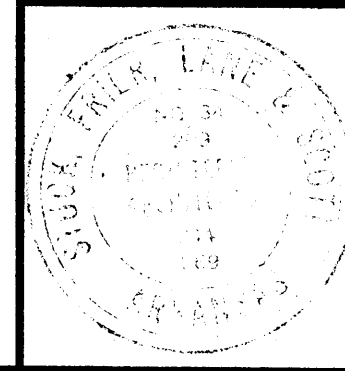
SECTION D-D SCALE 1/4"=1'-0"

BASEMENT FLOOR PLAN SCALE 1/8"=1'-0"

DATE	6-21-66	LABORATORY SCIENCES BUILDING ARKANSAS STATE COLLEGE JONESBORO, ARKANSAS PROJECT NO. ARK. 5-1479	SHEET NUMBER	A
DRAWN BY	DEB		COMMISSION NUMBER	43066
CHECKED BY	TSP			
REVISIONS				
STUCK, FRIER, LANE & SCOTT, INC., ARCHITECTS 601 SOUTHWEST DRIVE • JONESBORO, ARKANSAS				



FIRST FLOOR PLAN SCALE = 1/8" = 1'-0"



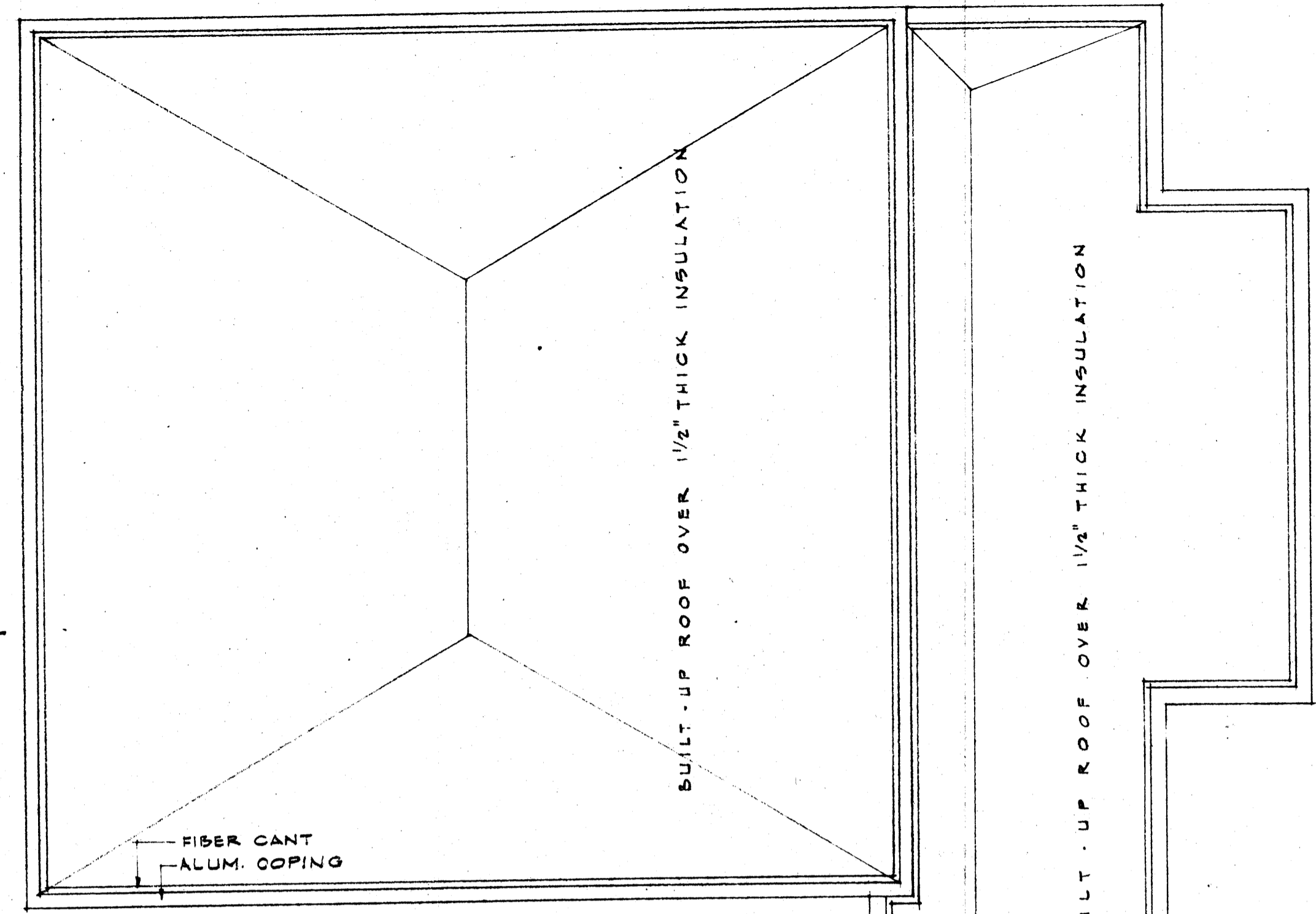
DATE	6-21-66
DRAWN BY	DSB
CHECKED BY	TSE
REVISIONS	

LABORATORY SCIENCES BUILDING
 ARKANSAS STATE COLLEGE
 JONESBORO, ARKANSAS
 PROJECT NO. ARK. 5-1479
STUCK, FRIER, LANE & SCOTT, INC., ARCHITECTS
 601 SOUTHWEST DRIVE • JONESBORO, ARKANSAS

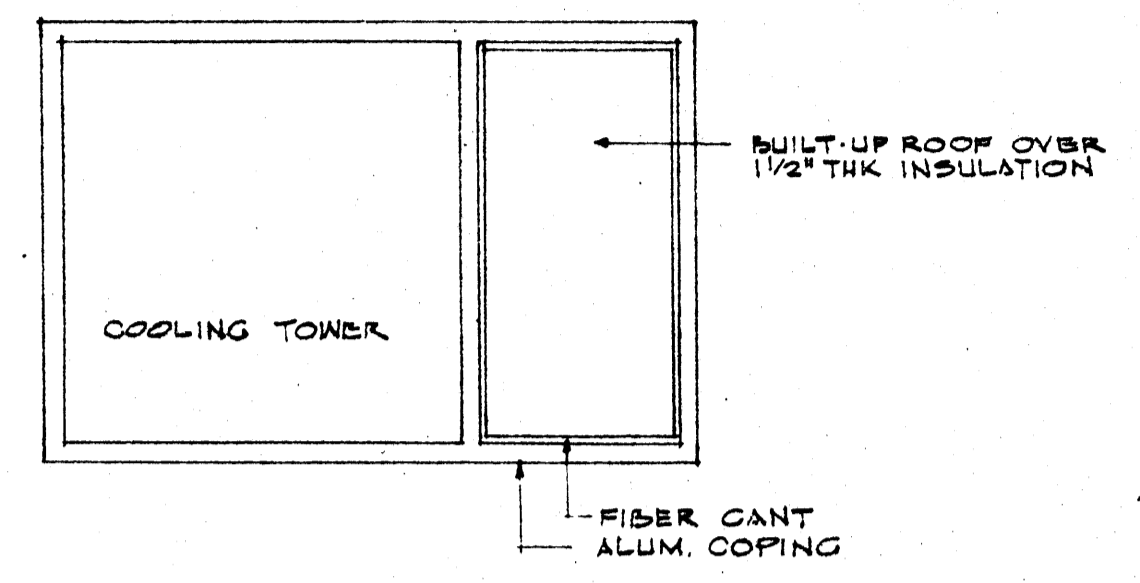
SHEET NUMBER
A
5
 COMMISSION NUMBER
 43066

LEGAL IDENTIFICATION
 LICENSE NUMBER
 EXPIRES

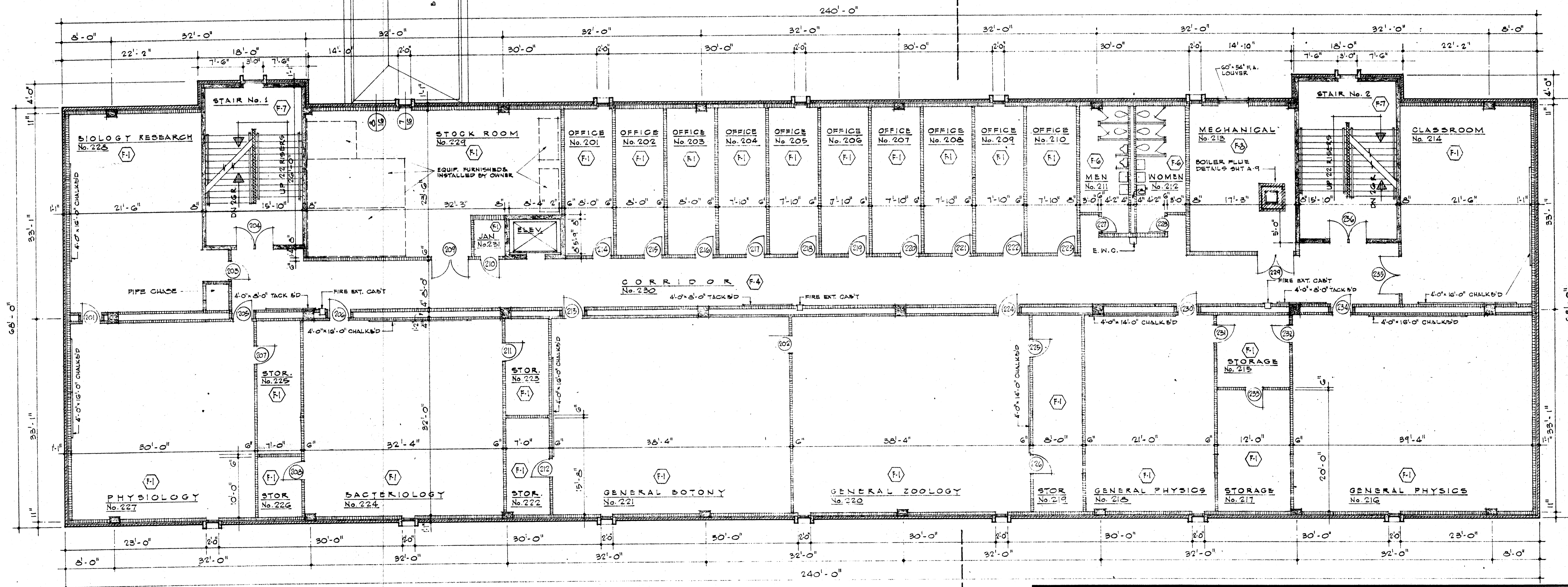
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B SHEET No. A-14

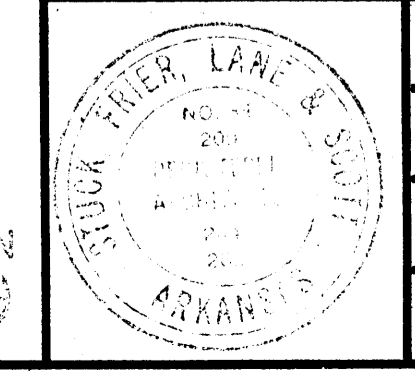


A SHEET No. A-13



SECOND FLOOR PLAN SCALE 1/8" = 1'-0"

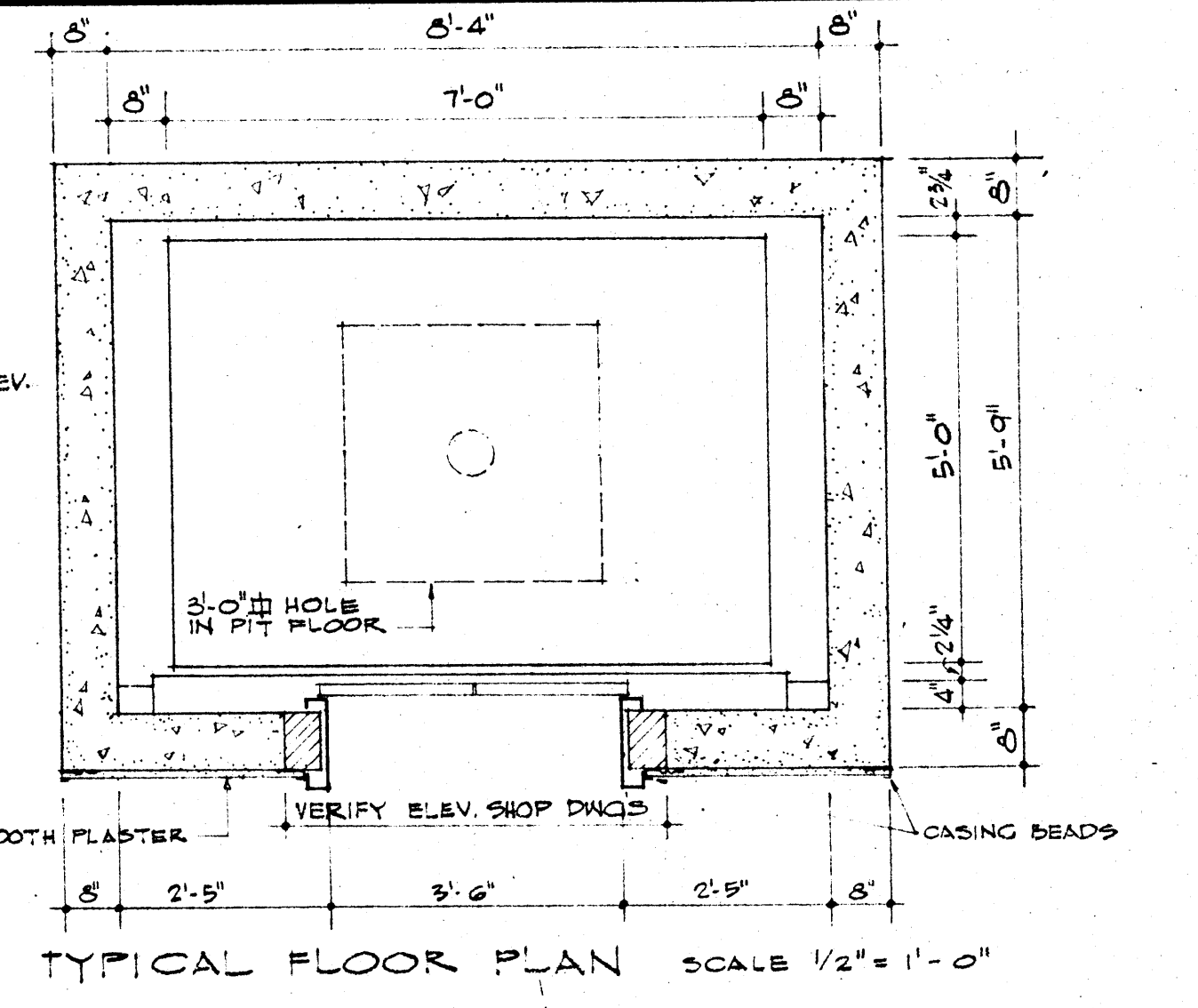
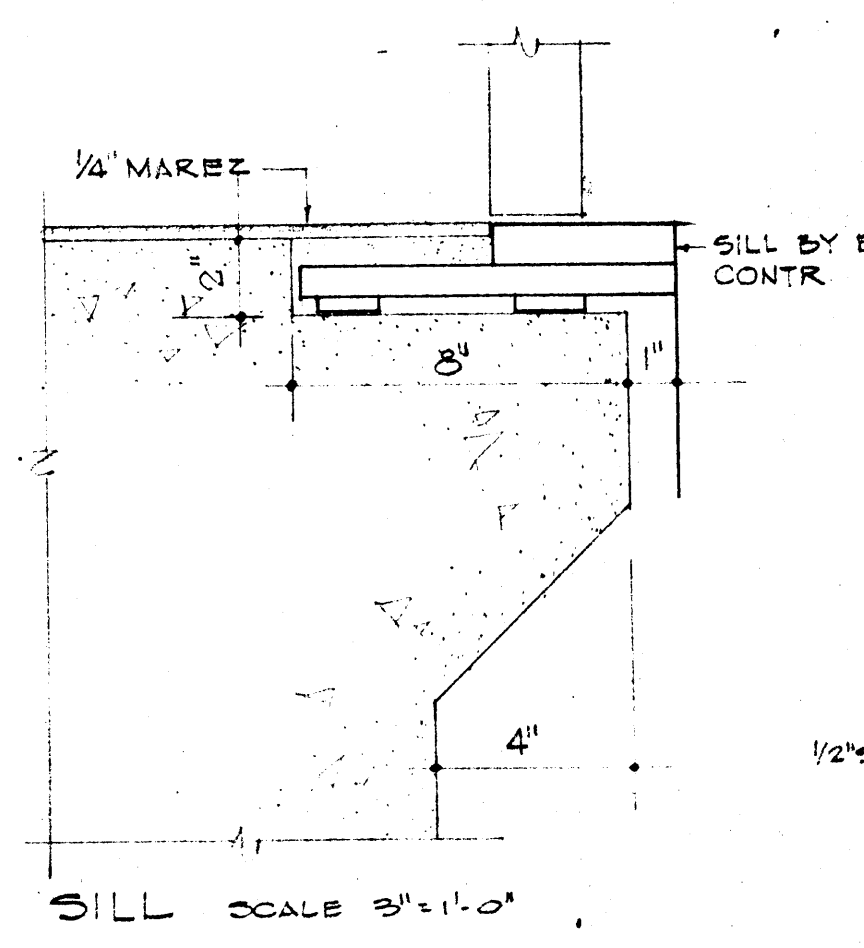
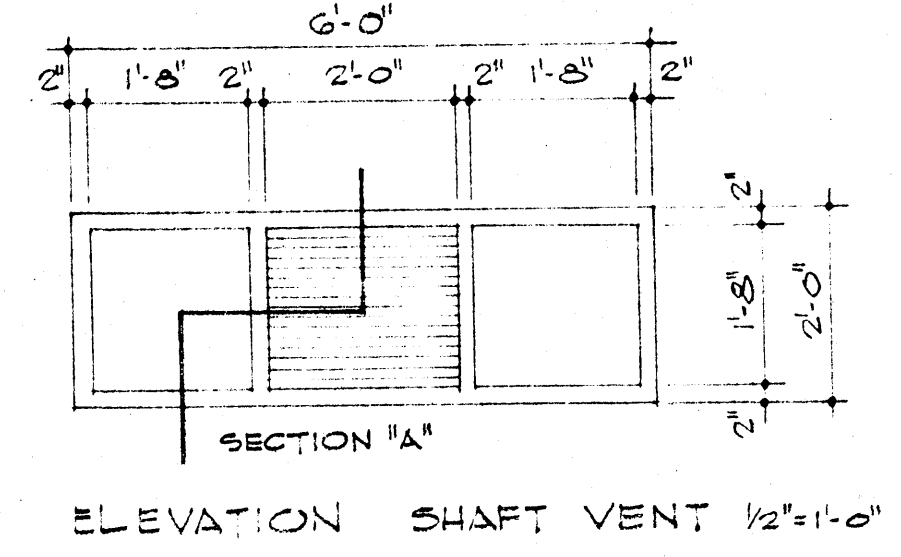
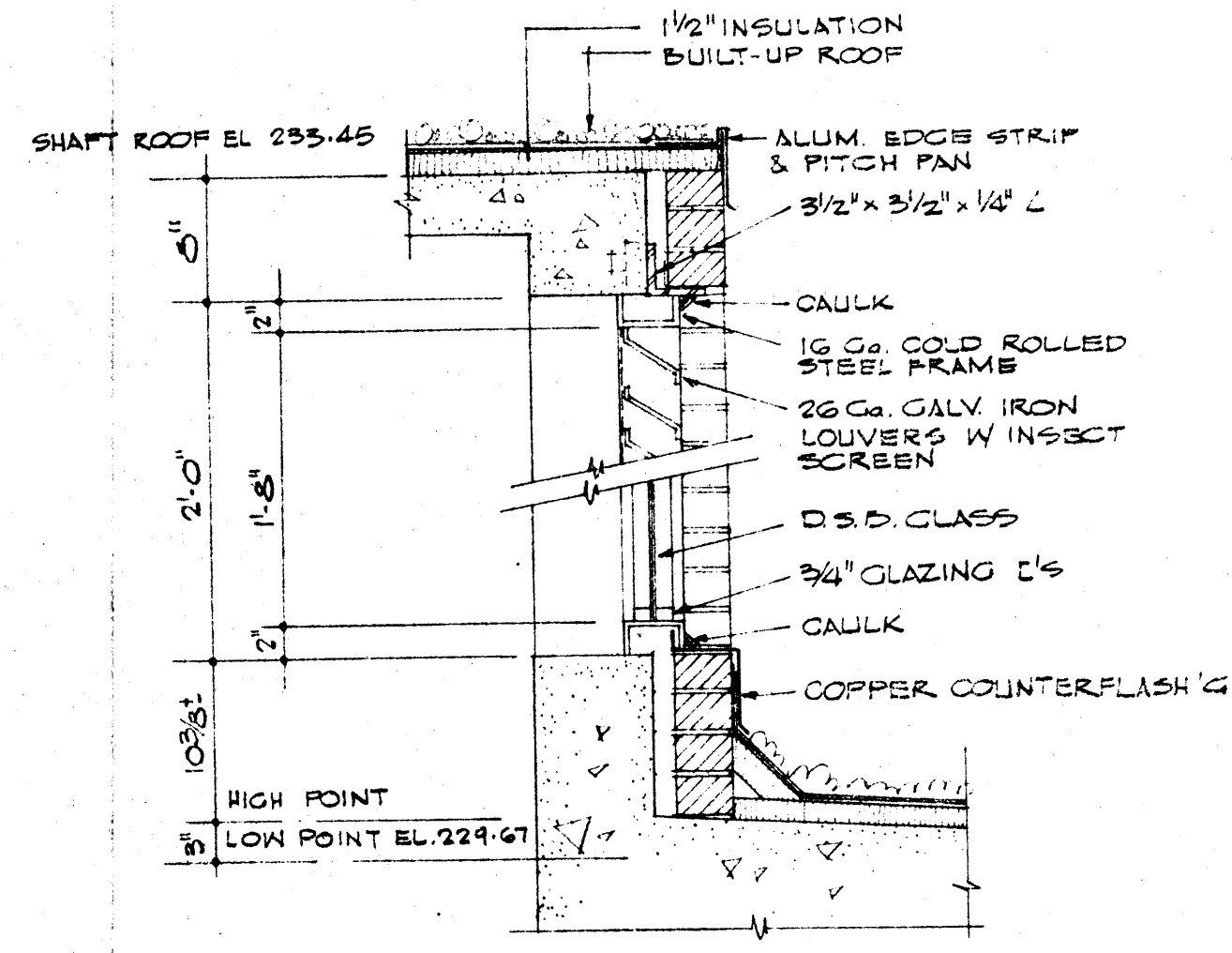
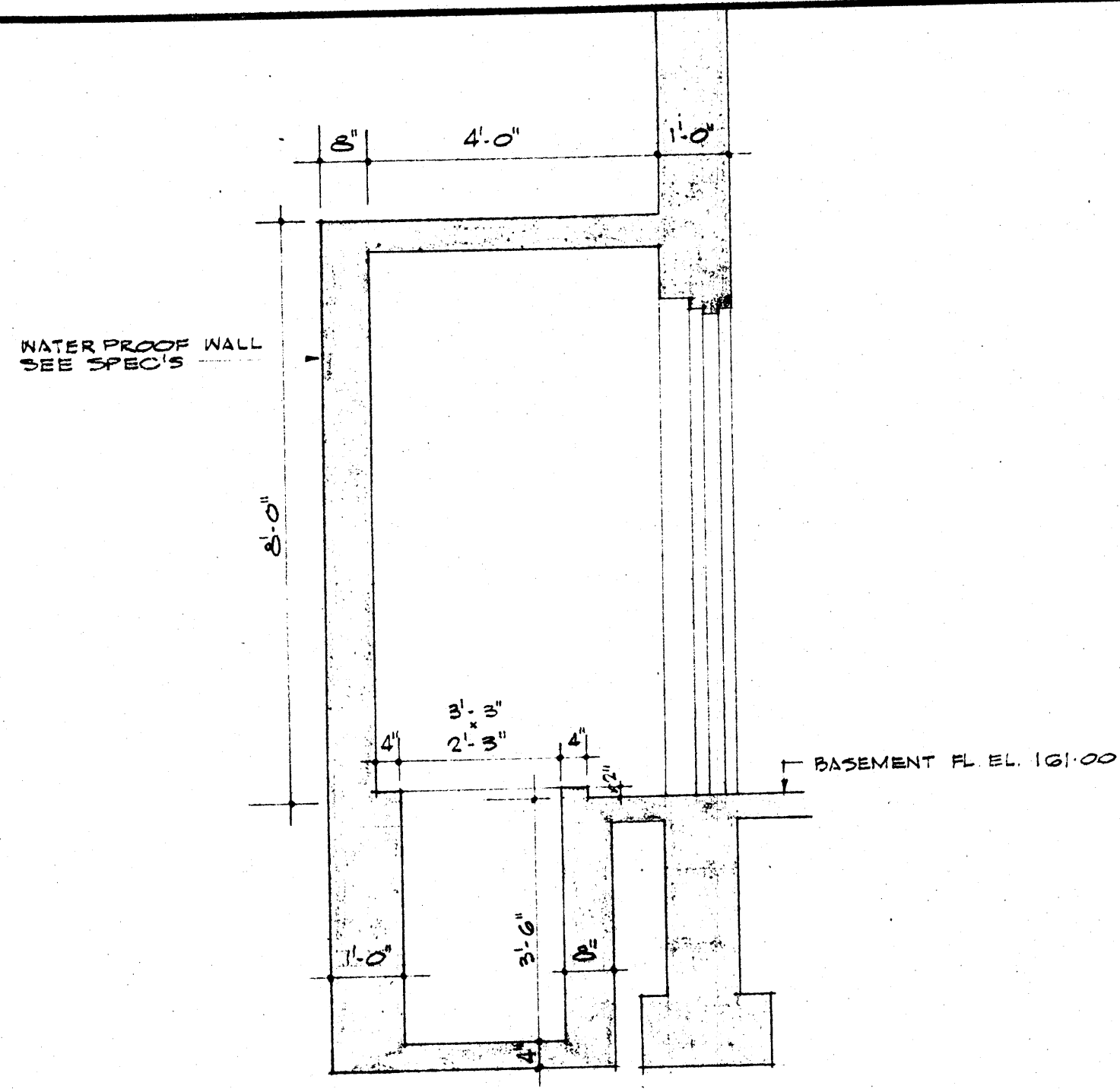
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DATE	6-21-66
DRAWN BY	DEB
CHECKED BY	TSP
REVISIONS	

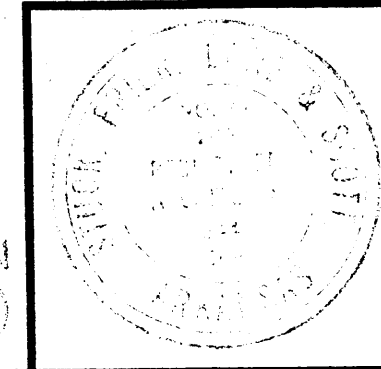
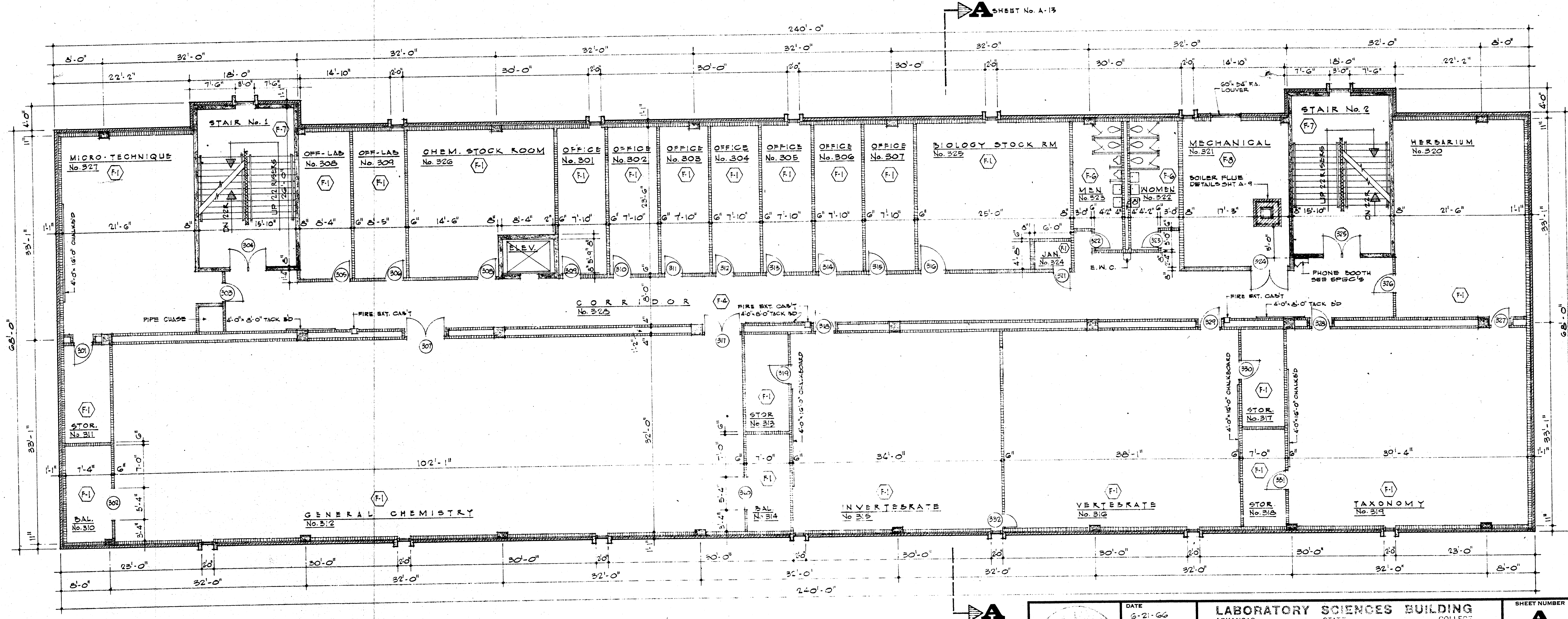
LABORATORY SCIENCES BUILDING
 ARKANSAS STATE COLLEGE
 JONESBORO, ARKANSAS
 PROJECT NO. ARK. 5-1479
STUCK, FRIER, LANE & SCOTT, INC., ARCHITECTS
 601 SOUTHWEST DRIVE • JONESBORO, ARKANSAS

SHEET NUMBER	A
	6
COMMISSION NUMBER	45066



ELEVATOR SHAFT DETAILS

SECTION C-C SCALE 1/2"=1'-0"

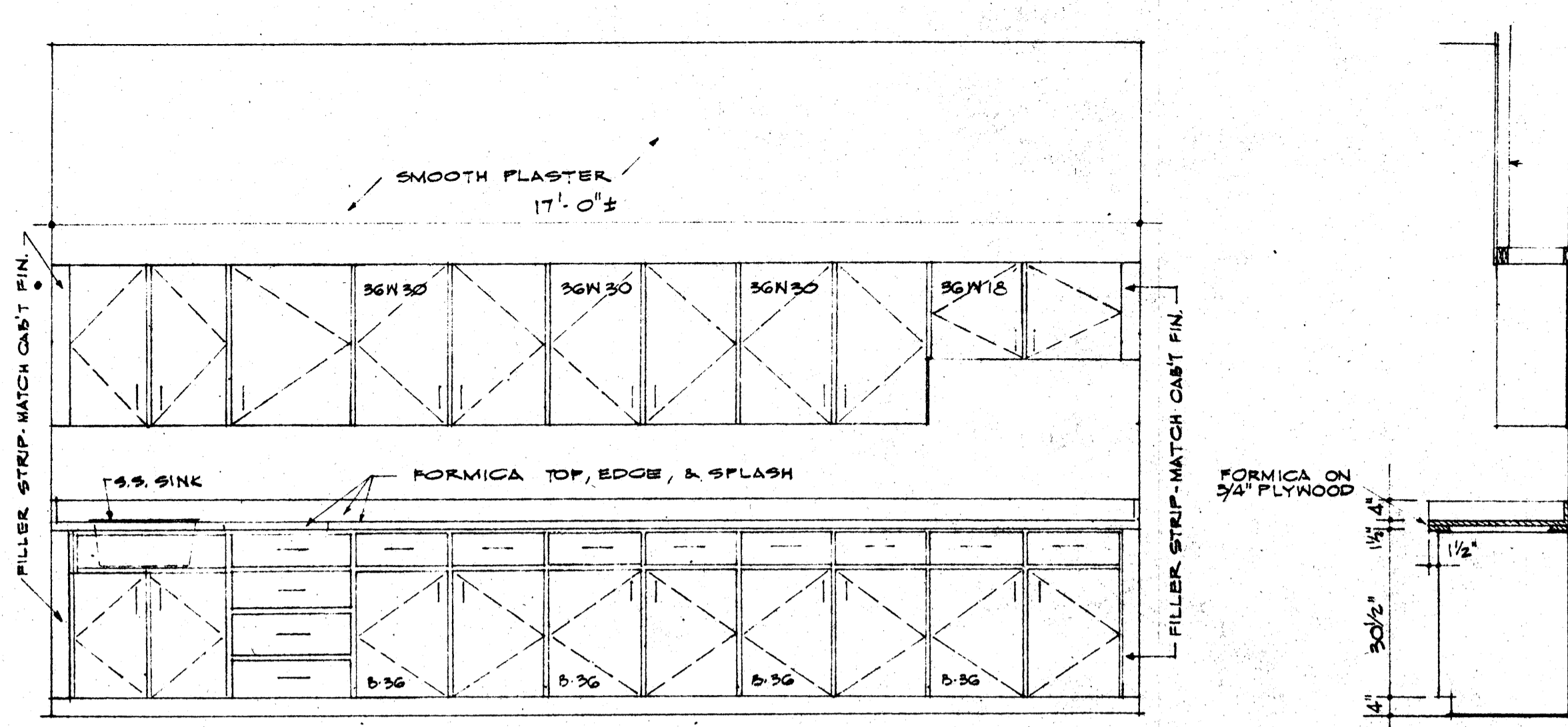


DATE	6-21-66
DRAWN BY	DES
CHECKED BY	DES
REVISIONS	

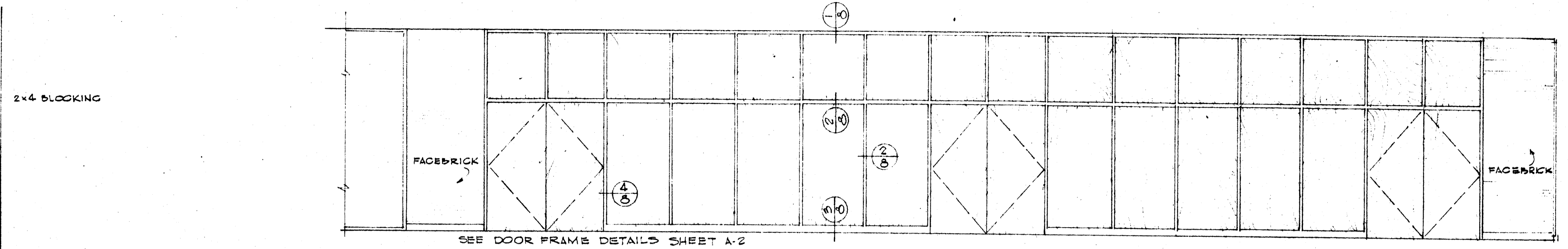
LABORATORY SCIENCES BUILDING
 ARKANSAS STATE COLLEGE
 JONESBORO, ARKANSAS
 PROJECT NO. ARK. 5-1479

STUCK, FRIER, LANE & SCOTT, INC., ARCHITECTS
 601 SOUTHWEST DRIVE • JONESBORO, ARKANSAS

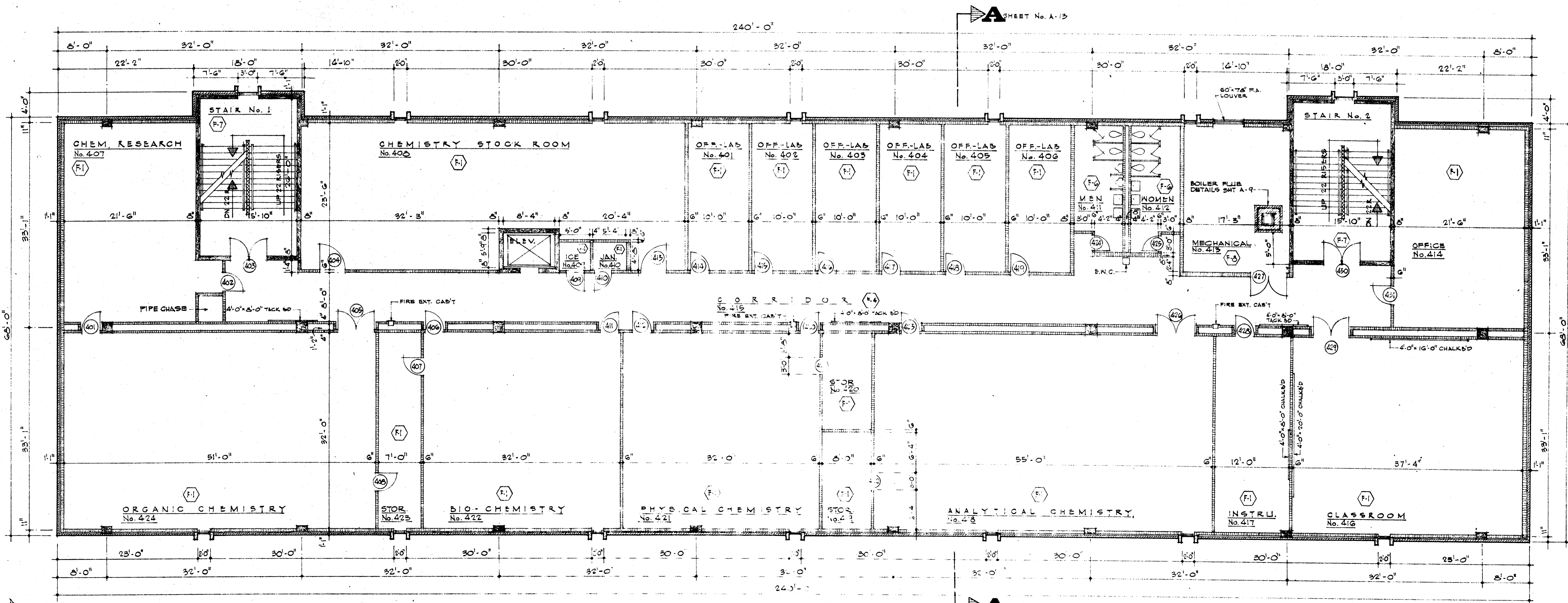
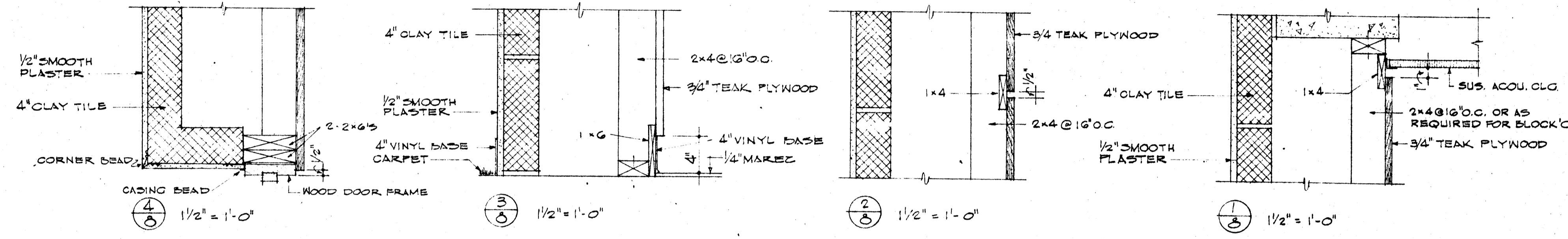
SHEET NUMBER
A
7
 COMMISSION NUMBER
 43066



ELEVATION
MILLWORK ITEM No. 1. SCALE 1/2" = 1'-0"

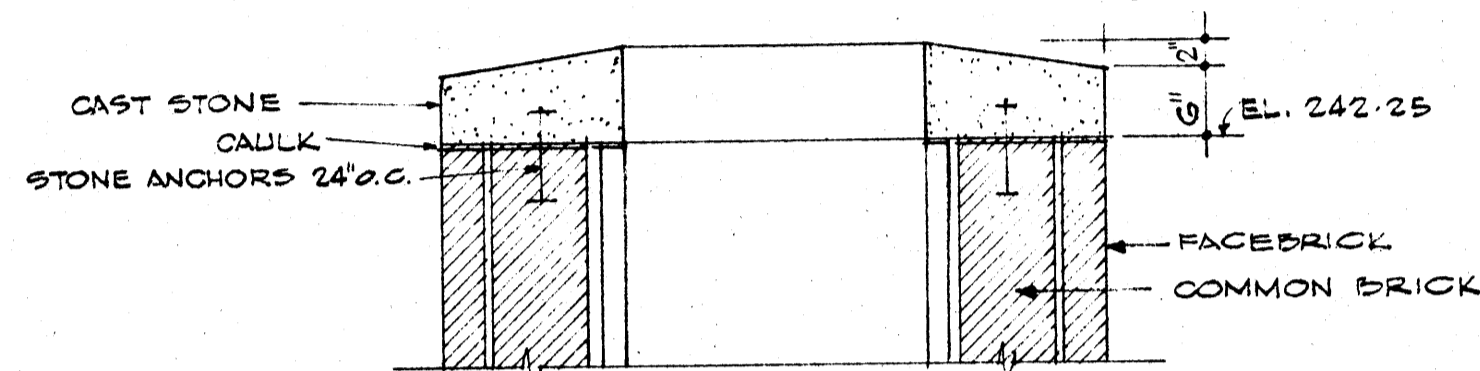
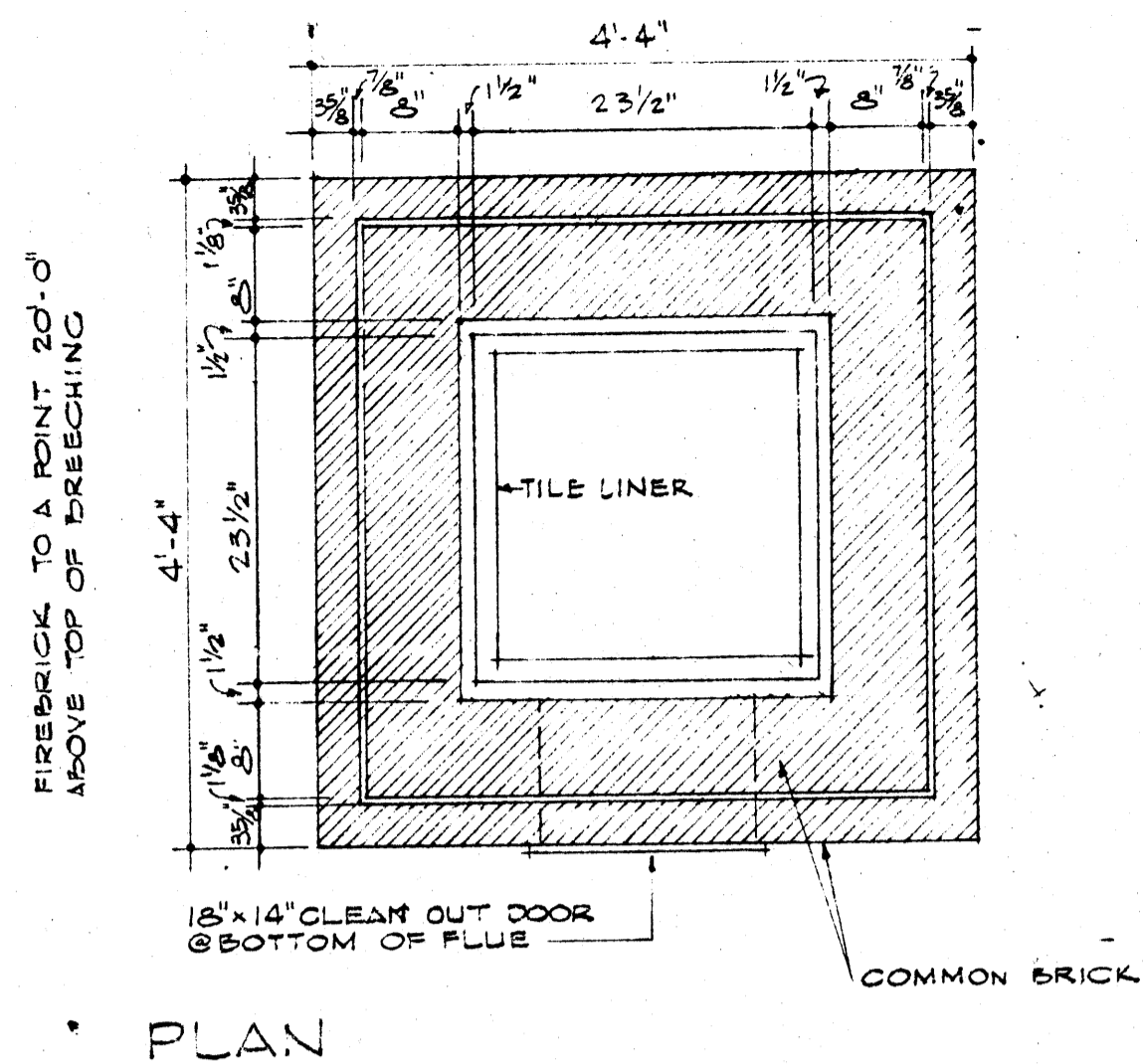


PARTIAL SOUTH ELEVATION OF LECTURE HALL LOBBY SCALE 1/4" = 1'-0"



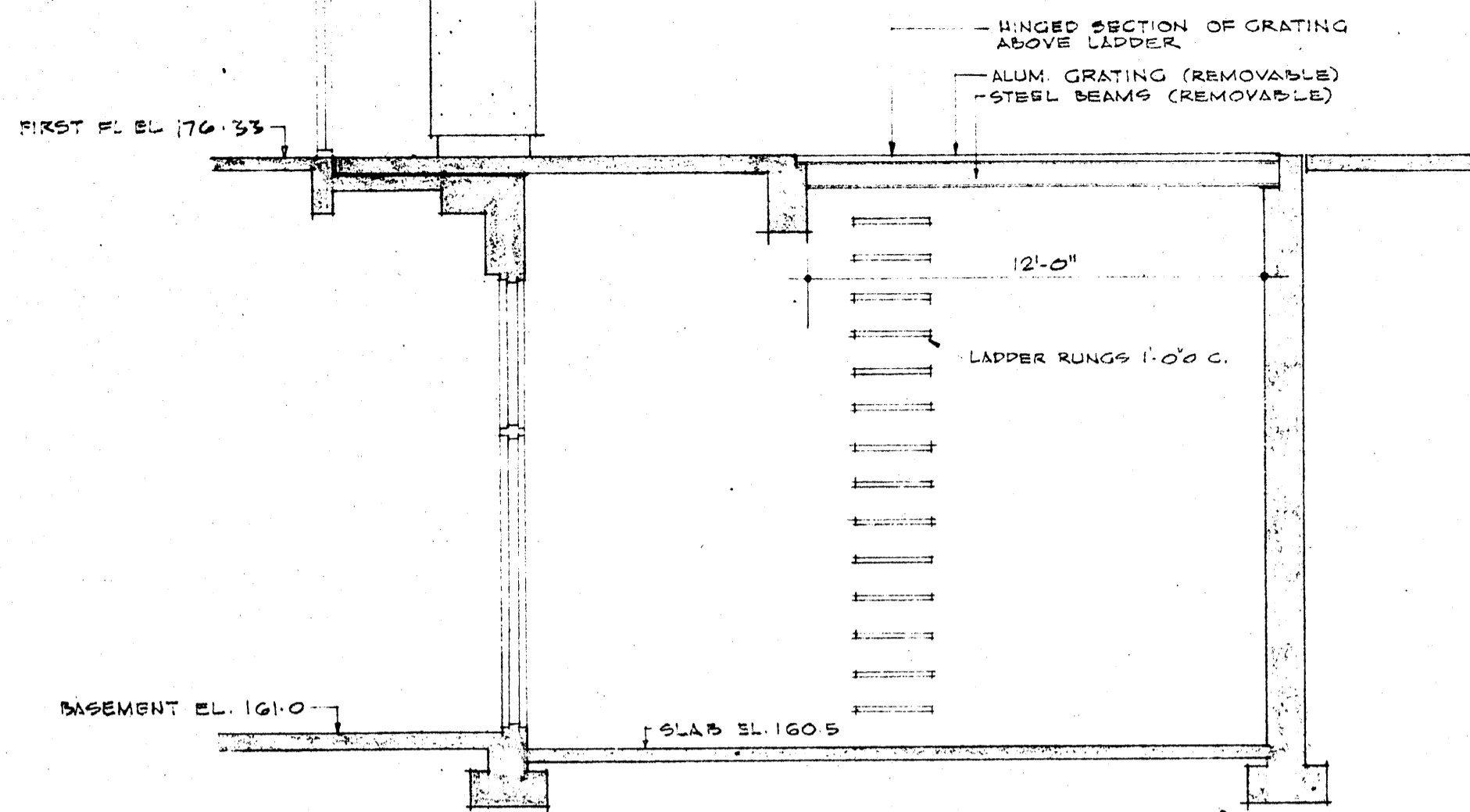
FOURTH FLOOR PLAN SCALE 1/8" = 1'-0"

	DATE 6-21-36	LABORATORY SCIENCES BUILDING ARKANSAS STATE COLLEGE JONESBORO, ARKANSAS PROJECT NO. ARK. 5-1479	A 8 COMMISSION NUMBER 43066
	DRAWN BY L.S.B.		
	CHECKED BY S.S.		
	REVISIONS		
STUCK, FRIER, LANE & SCOTT, INC., ARCHITECTS 601 SOUTHWEST DRIVE • JONESBORO, ARKANSAS			

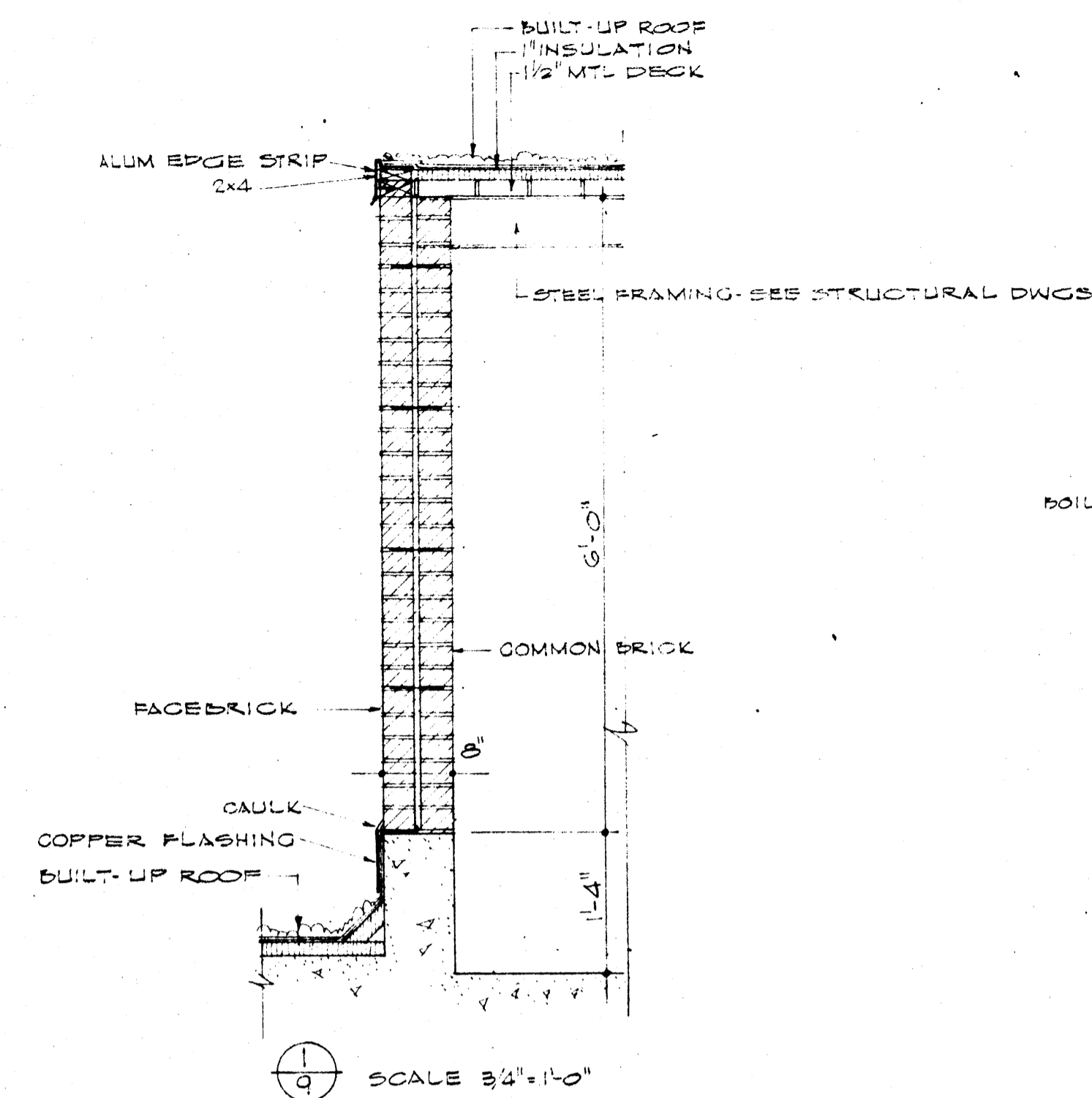


SECTION G · G SCALE 1/4" = 1'-0"

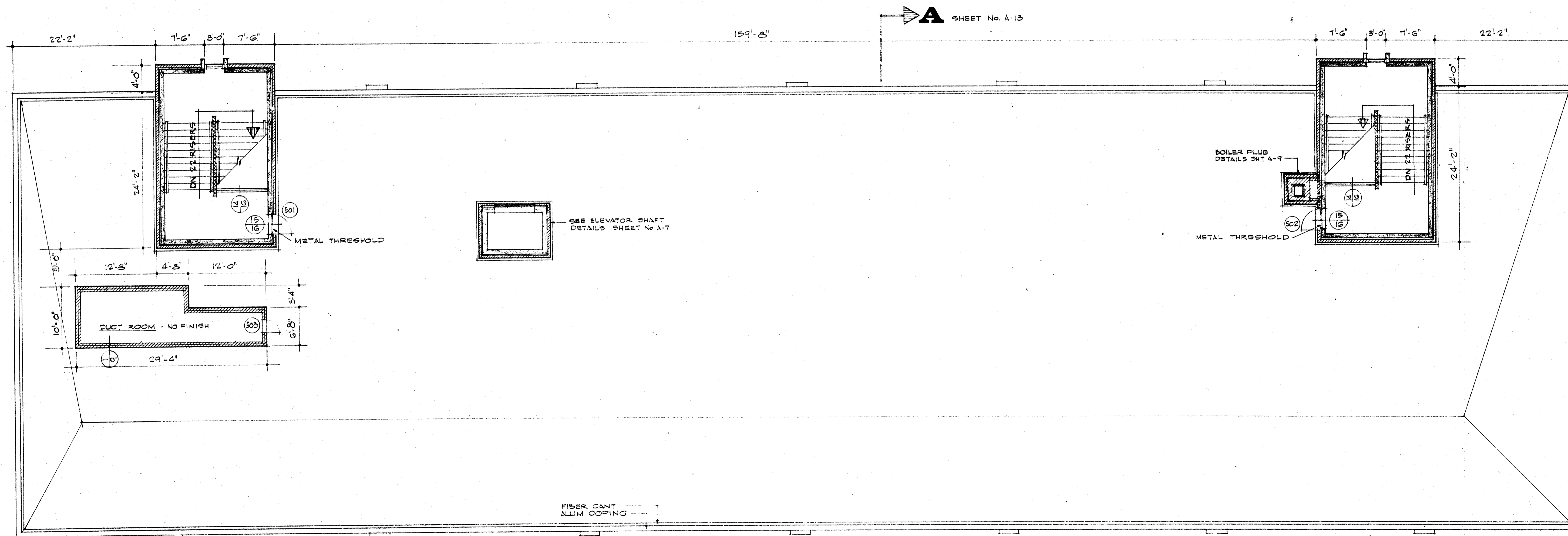
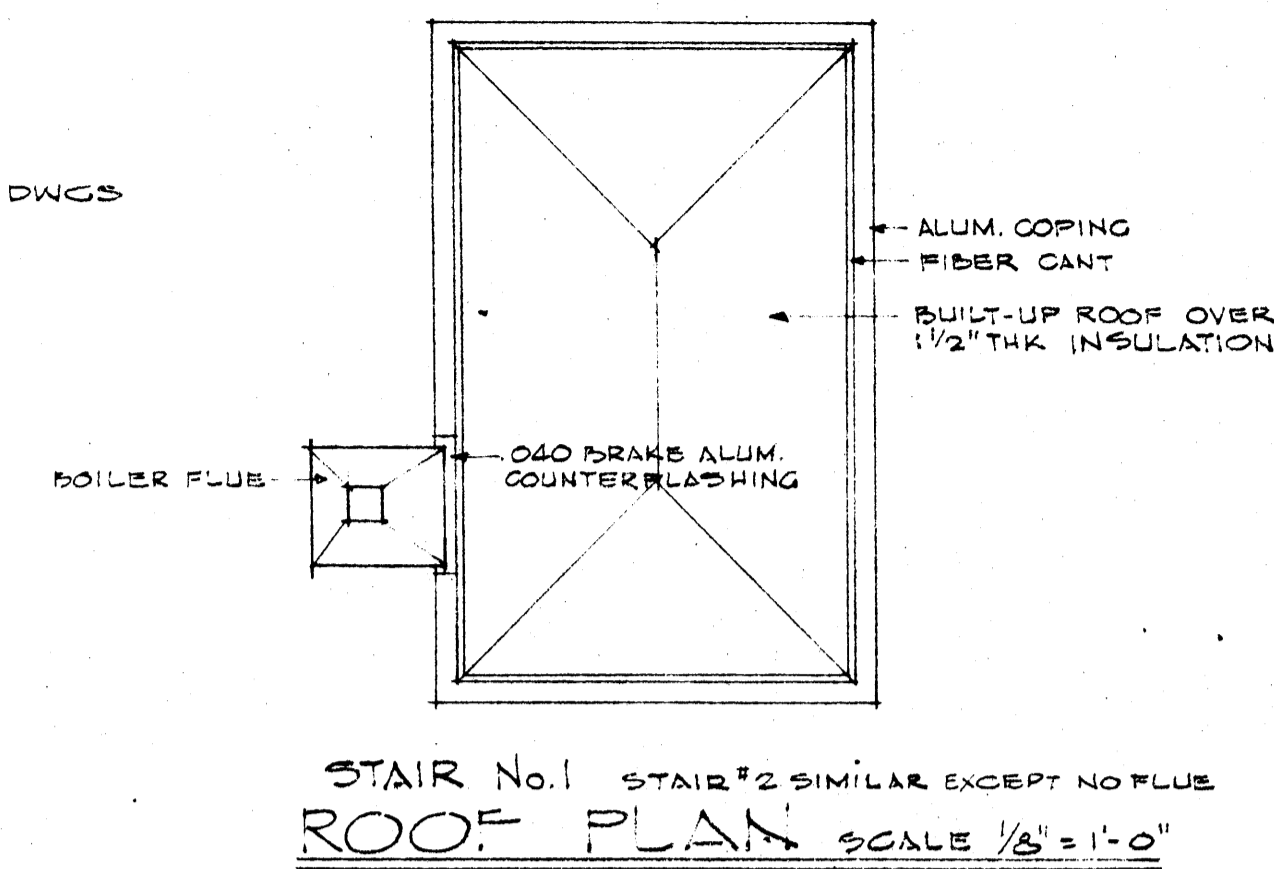
SECTION Q CAP
BOILER FLUE DETAILS SCALE 3/4" = 1'-0"



SECTION G · G SCALE 1/4" = 1'-0"



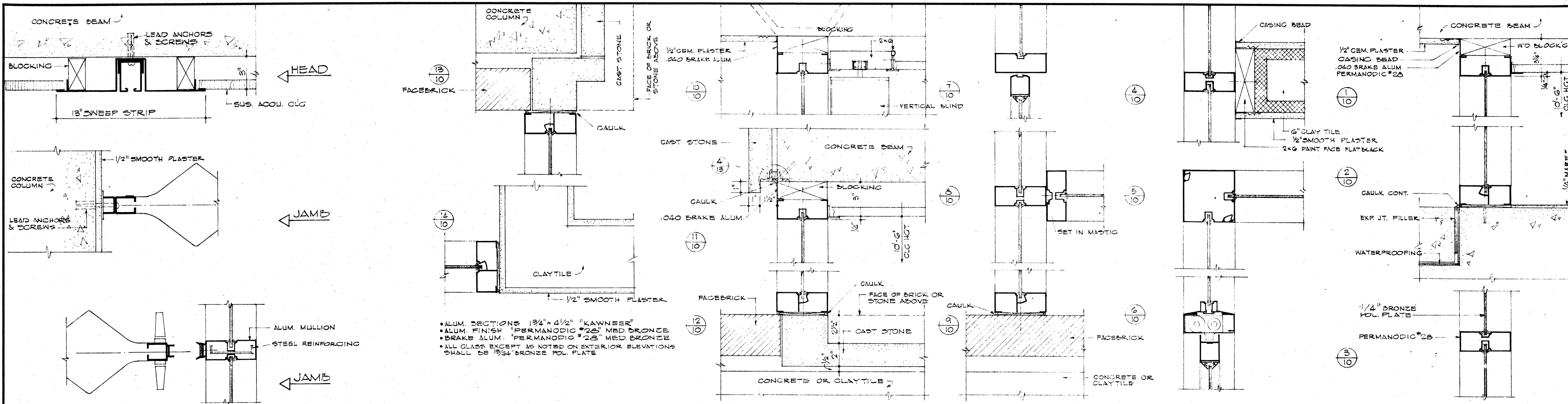
SECTION Q SCALE 3/4" = 1'-0"



A SHEET No. A-13

A

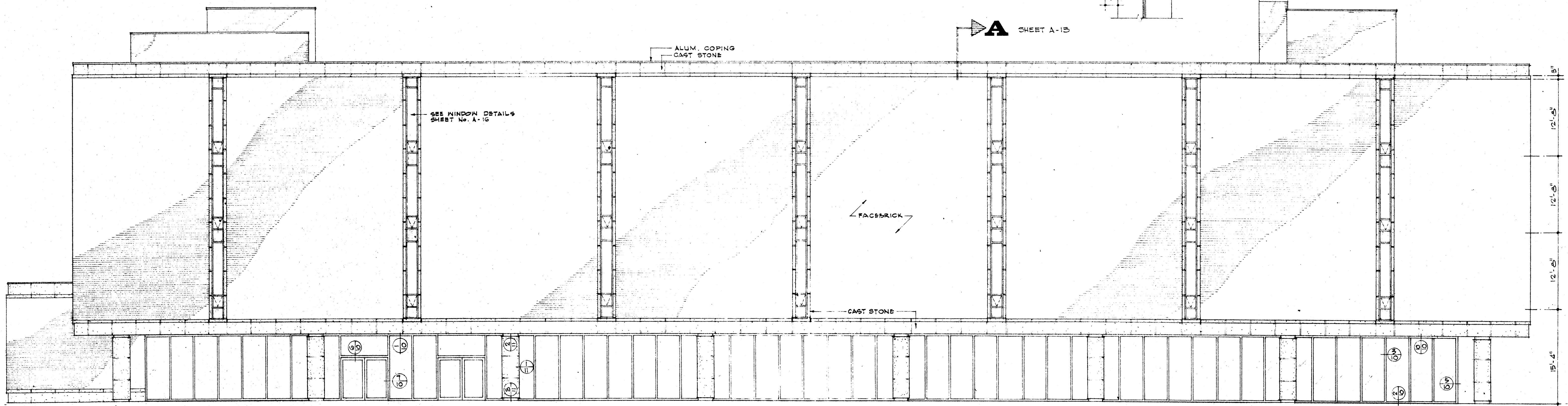
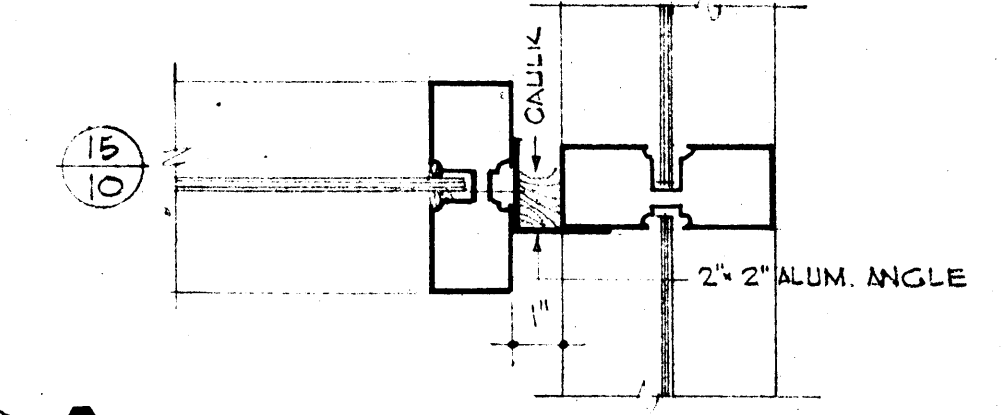
	DATE 6-21-66	LABORATORY SCIENCES BUILDING ARKANSAS STATE COLLEGE JONESBORO, ARKANSAS PROJECT NO. ARK. 5-1479	SHEET NUMBER A	
	DRAWN BY DSB		STUCK, FRIER, LANE & SCOTT, INC., ARCHITECTS 601 SOUTHWEST DRIVE • JONESBORO, ARKANSAS	COMMISSION NUMBER 42066
	CHECKED BY TSF			
	REVISIONS			



141 FOLDING DOOR DETAIL
SCALE 3" = 1'-0"

ALUMINUM FRAME DETAILS SCALE 3" = 1'-0"

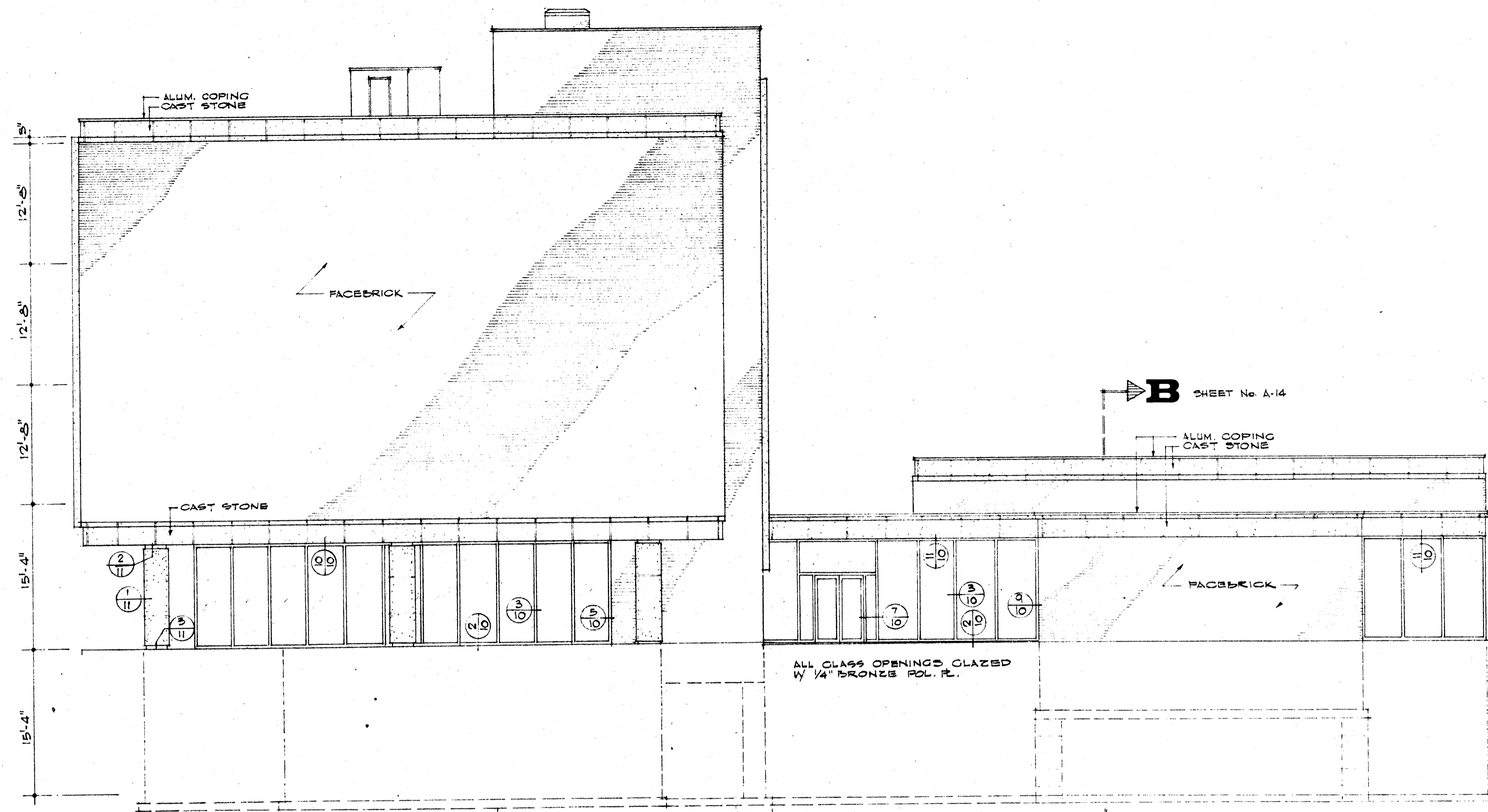
- ALUM. SECTIONS 1 3/4" x 4 1/2" "KAWNEER"
- ALUM. FINISH "PERMANODIC #28" MED BRONZE
- BRAKE ALUM. "PERMANODIC #28" MED BRONZE
- ALL GLASS EXCEPT AS NOTED ON EXTERIOR ELEVATIONS SHALL BE 1/4" BRONZE POL. PLATE



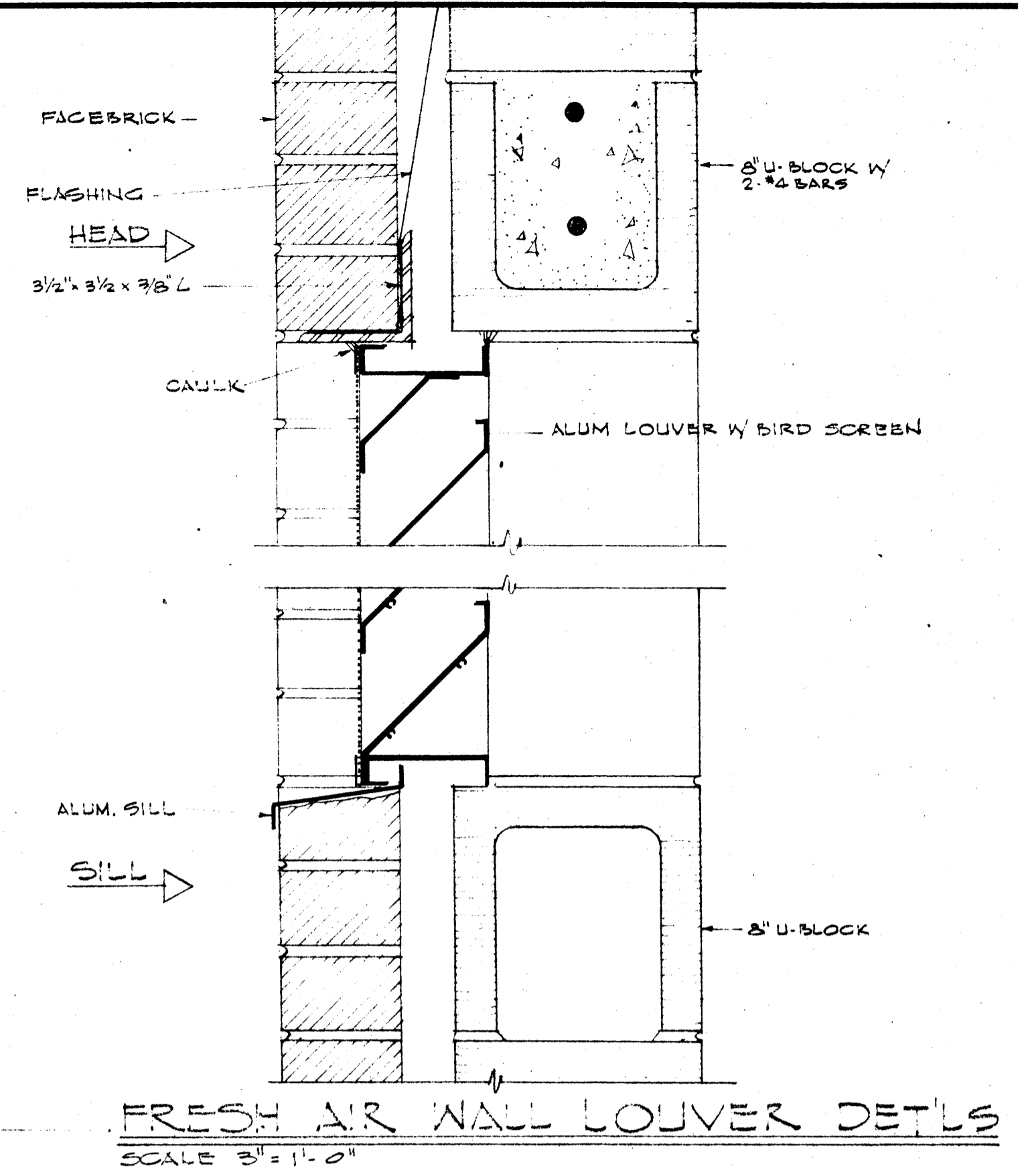
EAST ELEVATION SCALE 1/8" = 1'-0"

ALL GLASS OPEN NOS GLAZED WITH 1/4\"/>

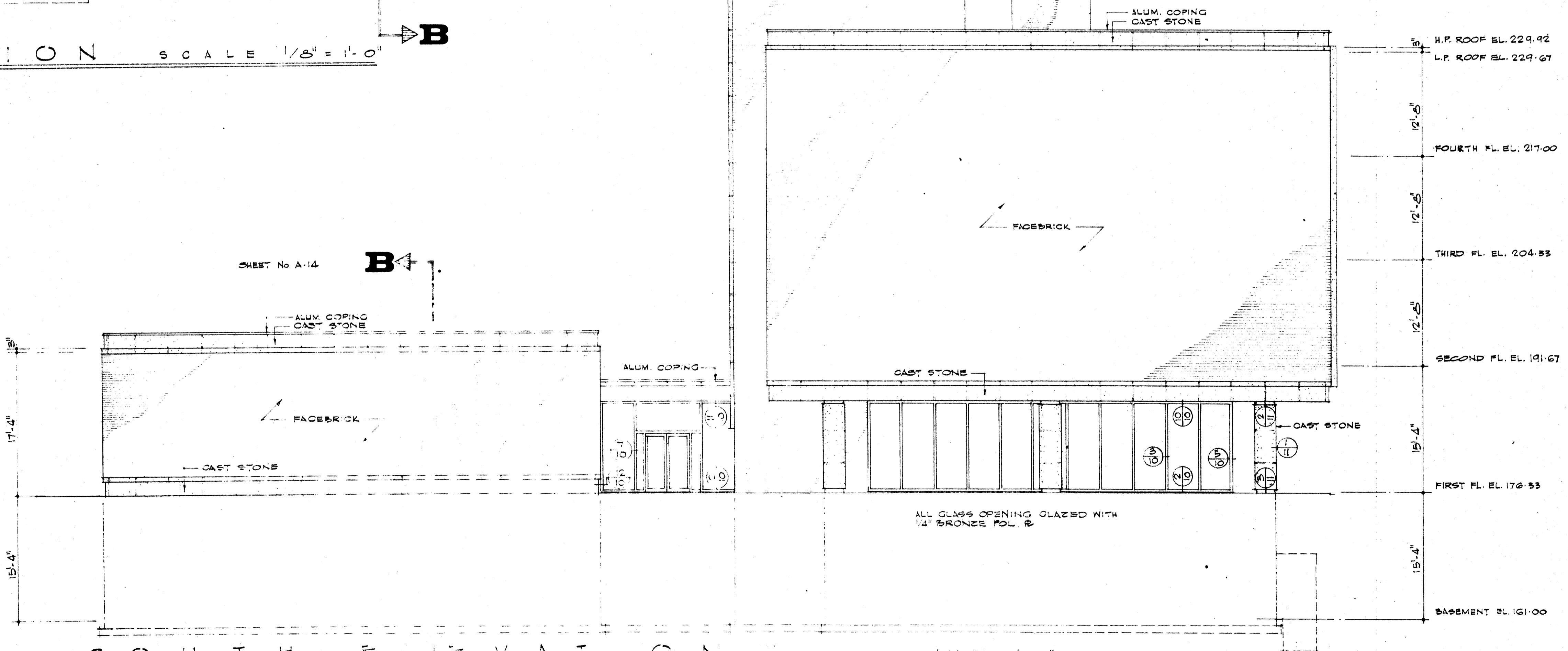
	DATE 6-21-66	LABORATORY SCIENCES BUILDING ARKANSAS STATE COLLEGE JONESBORO, ARKANSAS PROJECT NO. ARK. 5-1479	SHEET NUMBER A 10
	DRAWN BY DEB		STUCK, FRIER, LANE & SCOTT, INC., ARCHITECTS 601 SOUTHWEST DRIVE • JONESBORO, ARKANSAS
	CHECKED BY TSF		
	REVISIONS		



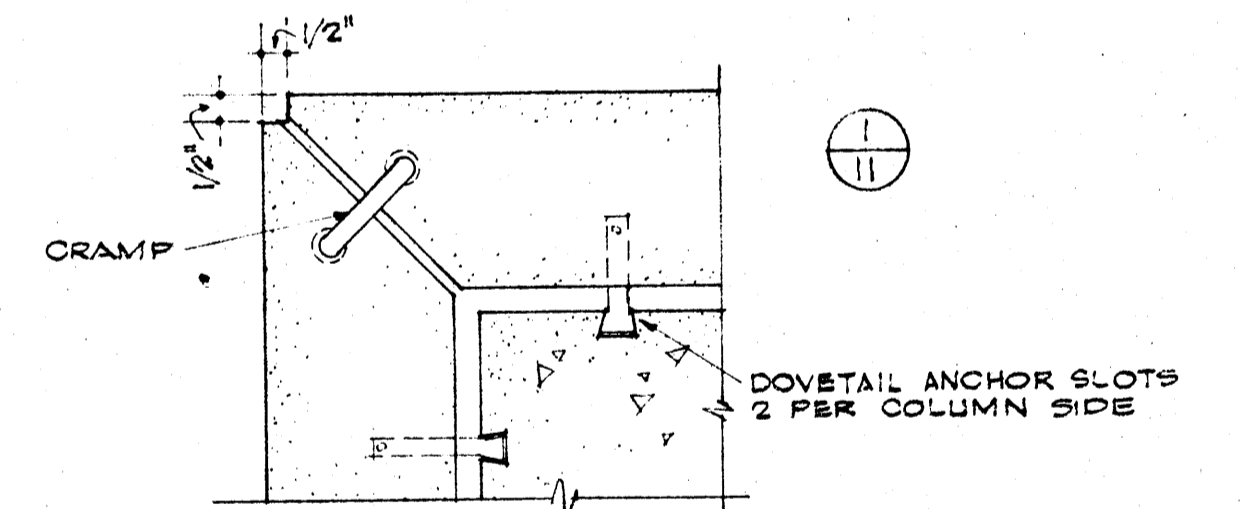
NORTH ELEVATION SCALE 1/8" = 1'-0"



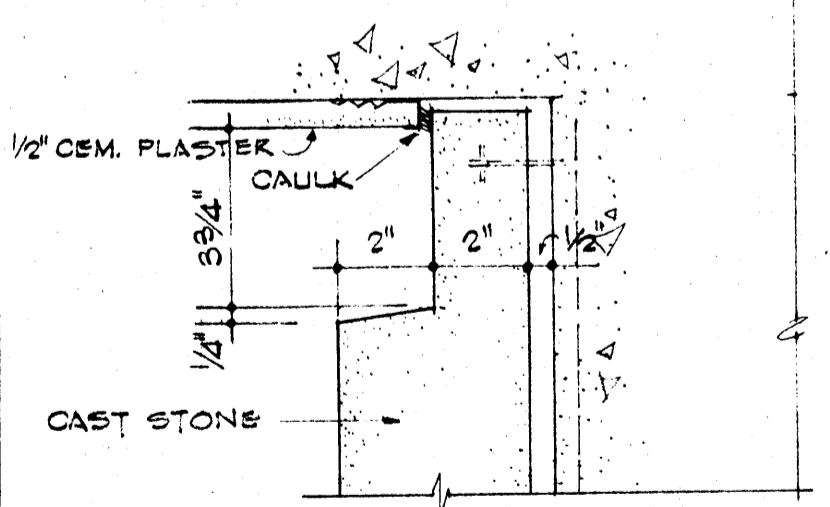
FRESH AIR WALL LOUVER DET'L SCALE 3/4" = 1'-0"



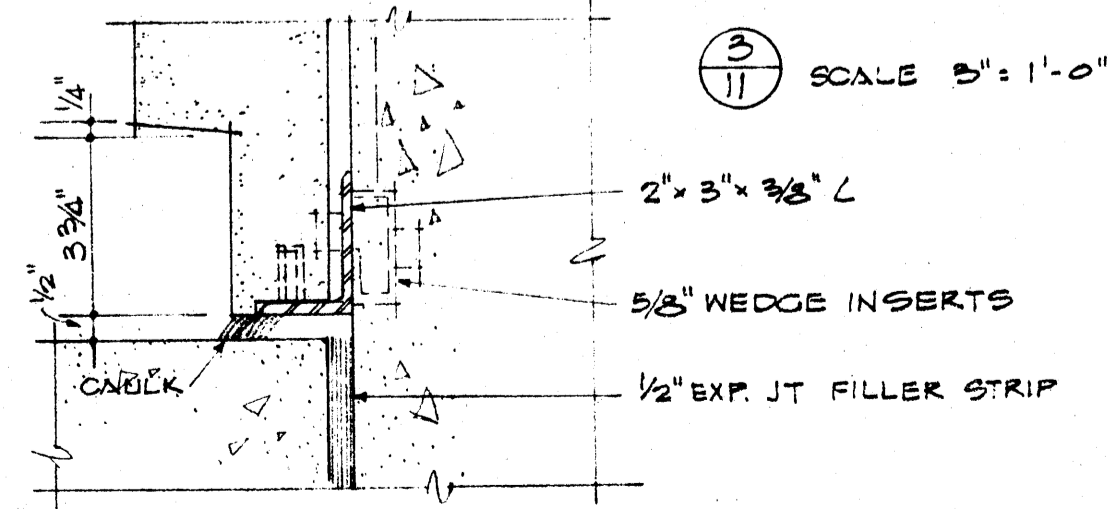
SOUTH ELEVATION SCALE 1/8" = 1'-0"



1

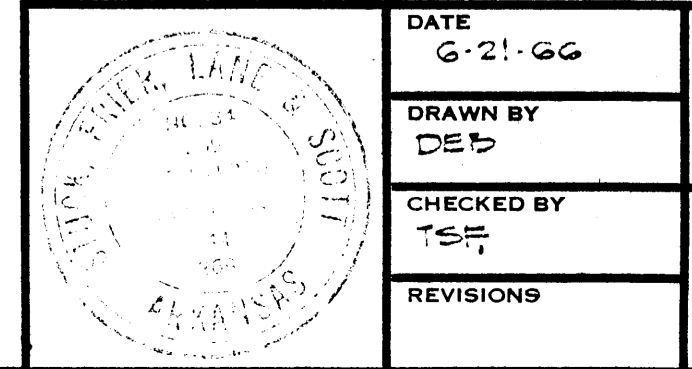


2

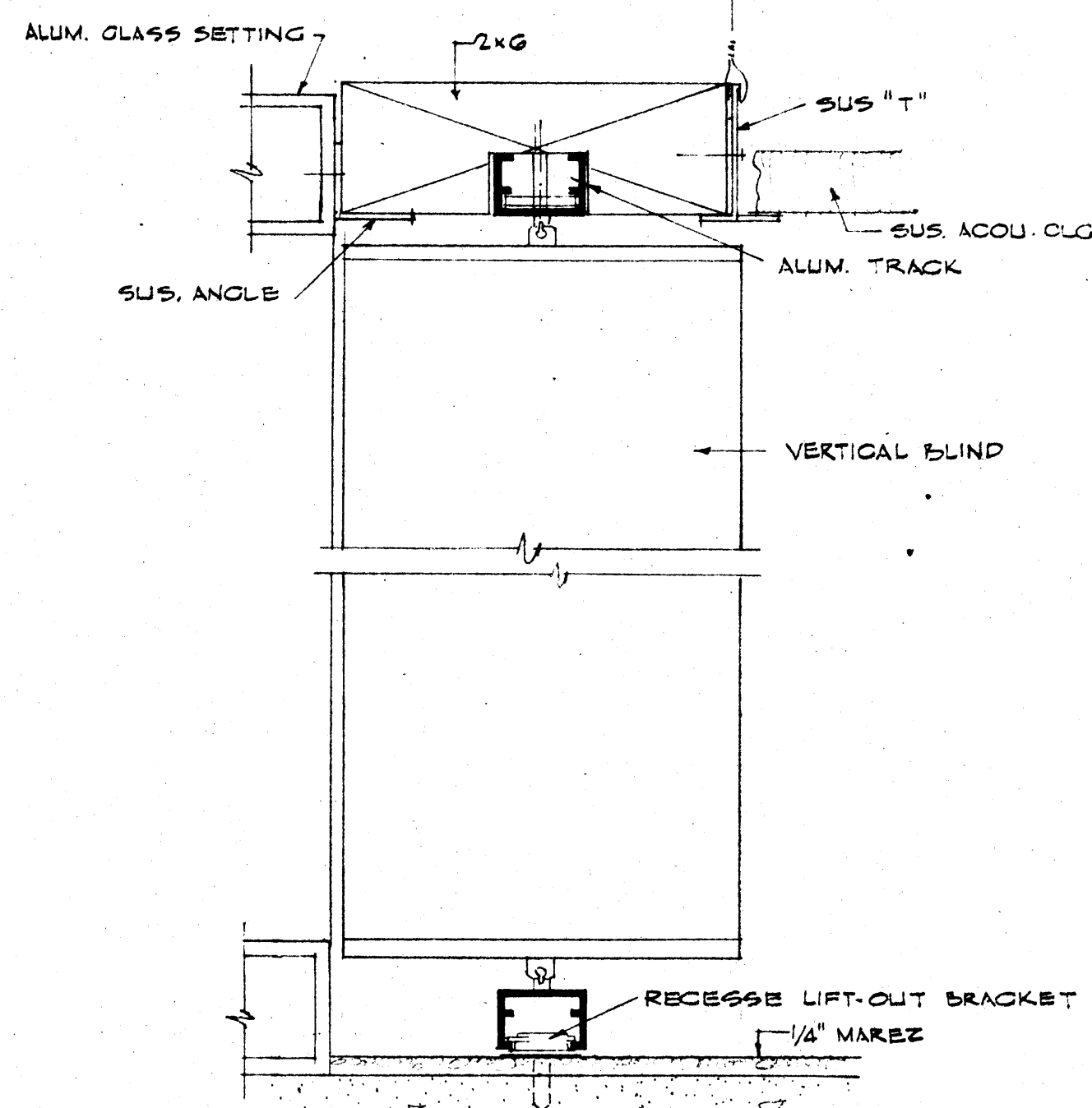


3

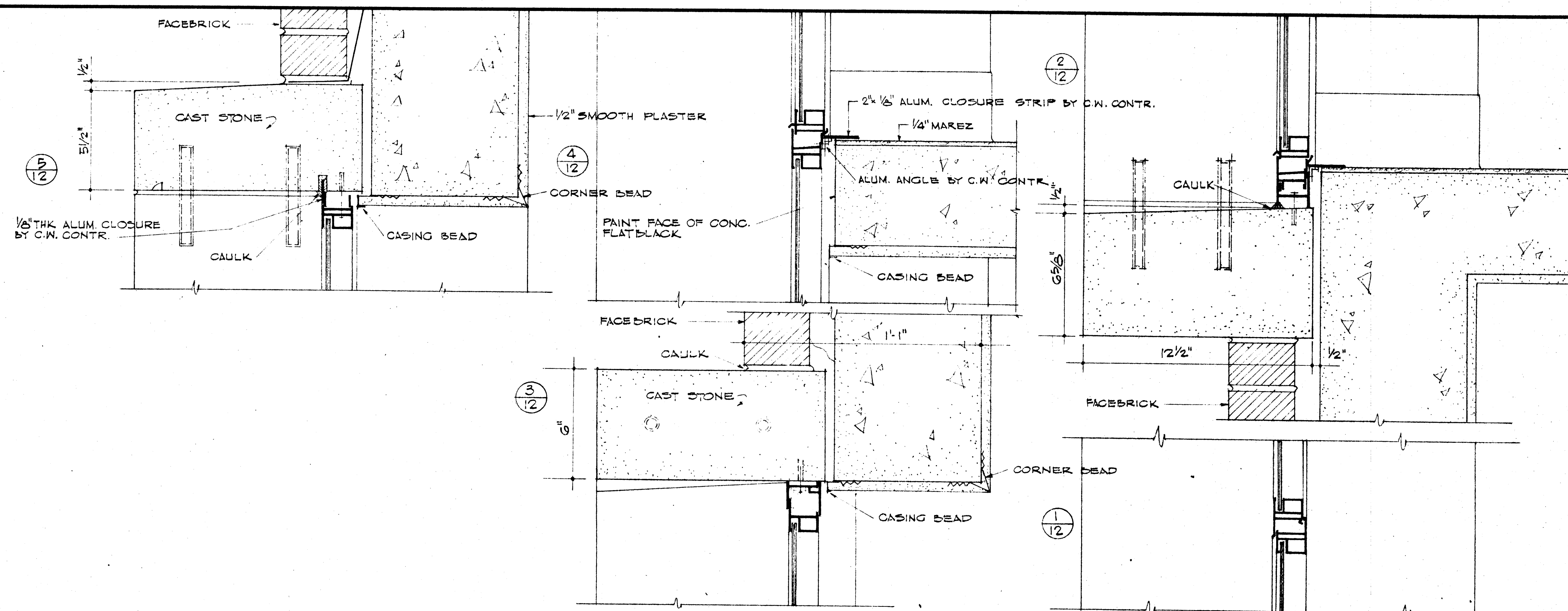
SCALE 3/4" = 1'-0"



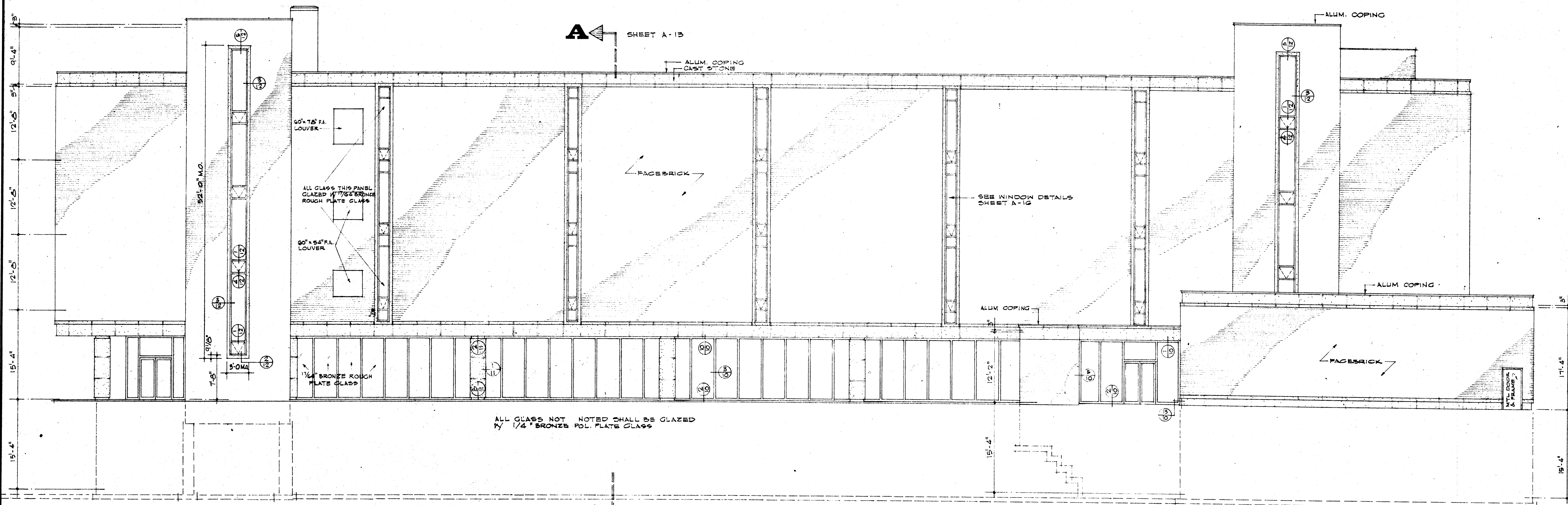
DATE 6-21-66	LABORATORY SCIENCES BUILDING ARKANSAS STATE COLLEGE JONESBORO, ARKANSAS PROJECT NO. ARK. 5-1479 STUCK, FRIER, LANE & SCOTT, INC., ARCHITECTS 601 SOUTHWEST DRIVE • JONESBORO, ARKANSAS	SHEET NUMBER A 11
DRAWN BY DEB		COMMISSION NUMBER 43066
CHECKED BY TSE		
REVISIONS		



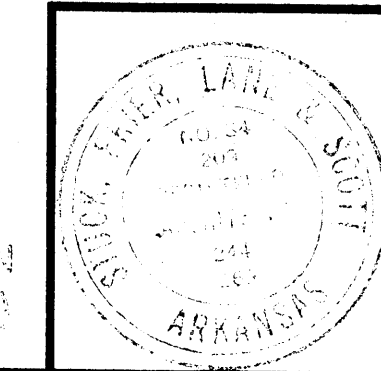
VERTICAL BLIND DETAIL SCALE 1/2" = 1"



STAIR No. 1 & No. 2 CURTAIN WALL DETAILS SCALE 3/4" = 1'-0"



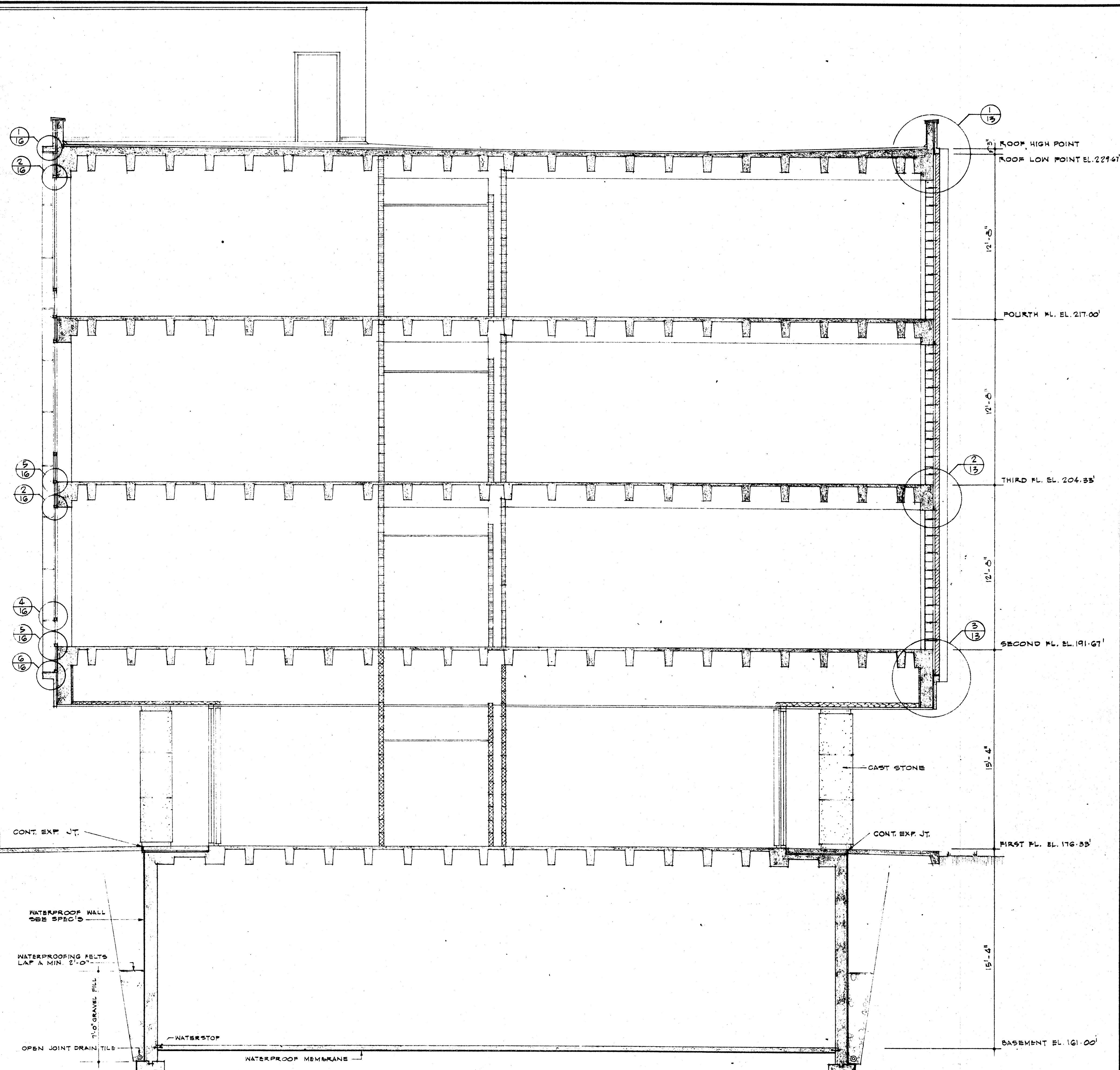
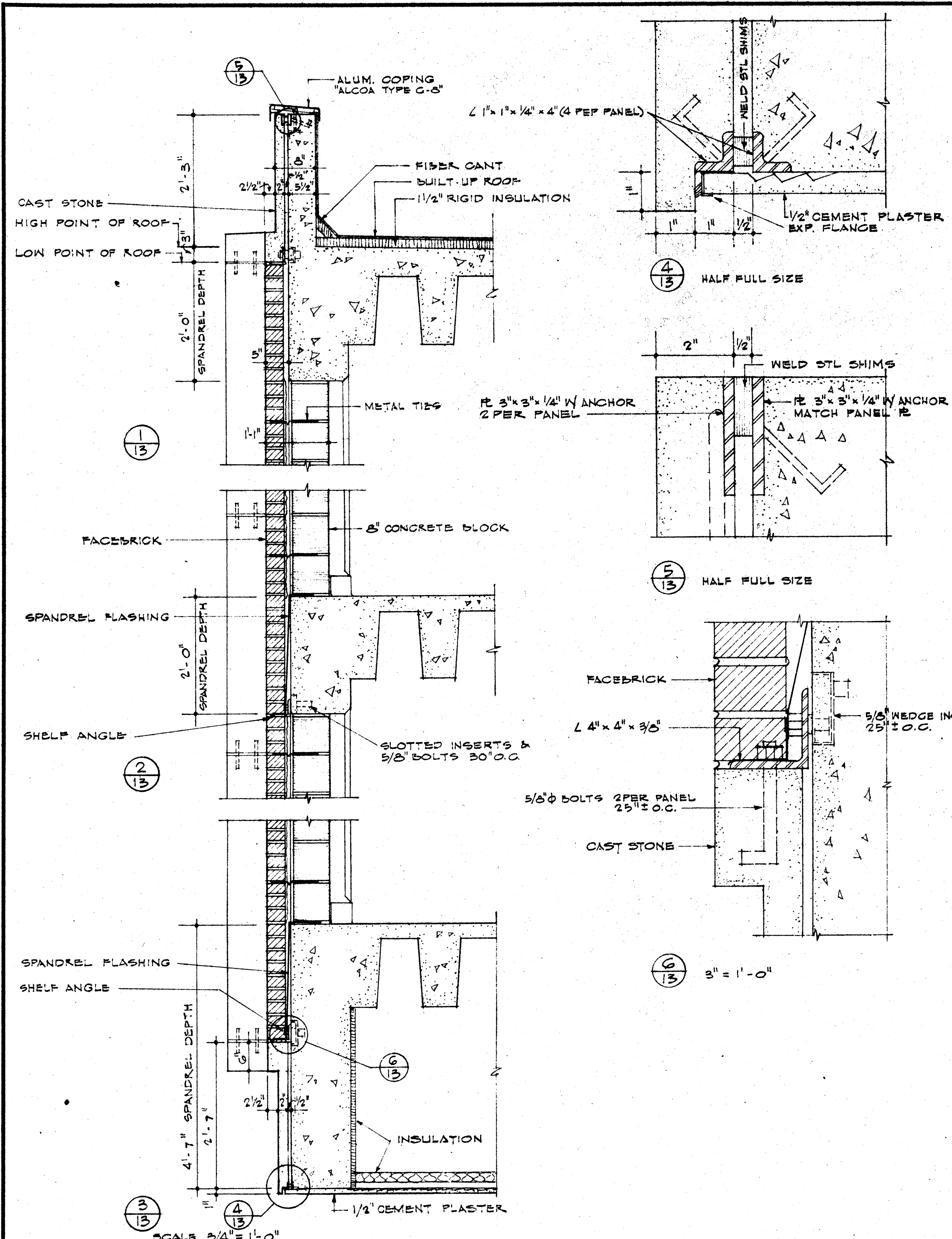
WEST ELEVATION SCALE 1/8" = 1'-0"



DATE	6-21-66
DRAWN BY	DEB
CHECKED BY	TSP
REVISIONS	

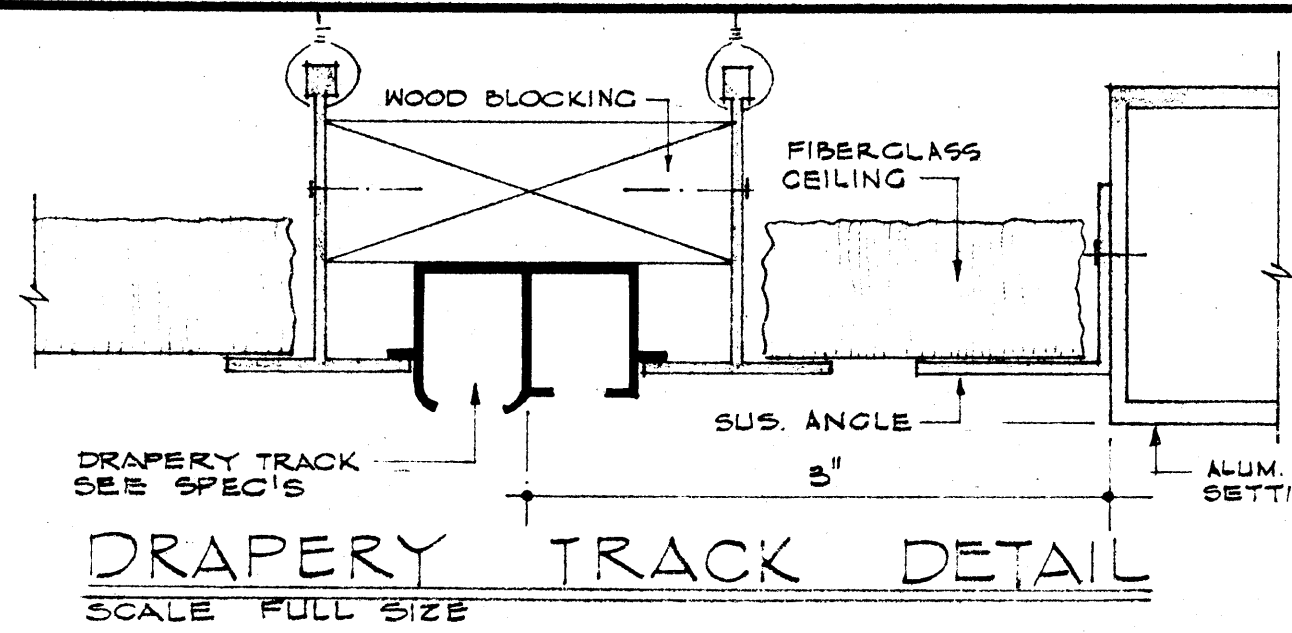
LABORATORY SCIENCES BUILDING
 ARKANSAS STATE COLLEGE
 JONESBORO, ARKANSAS
 PROJECT NO. ARK. 5-1479
STUCK, FRIER, LANE & SCOTT, INC., ARCHITECTS
 601 SOUTHWEST DRIVE • JONESBORO, ARKANSAS

SHEET NUMBER
A
12
 COMMISSION NUMBER
 43062

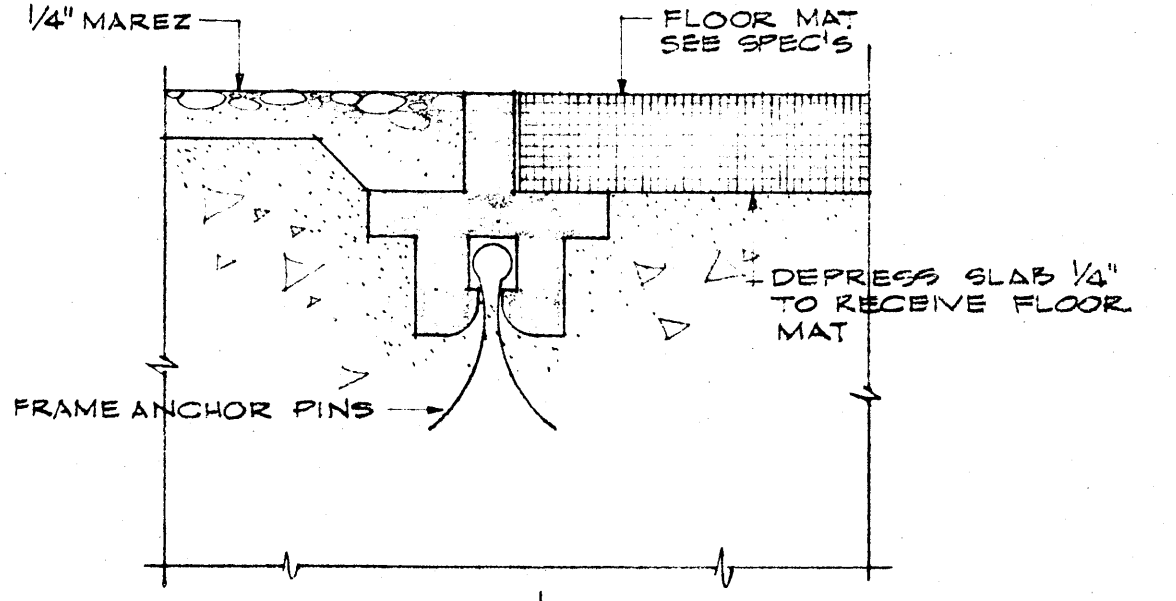


SECTION A-A SCALE 1/4" = 1'-0"

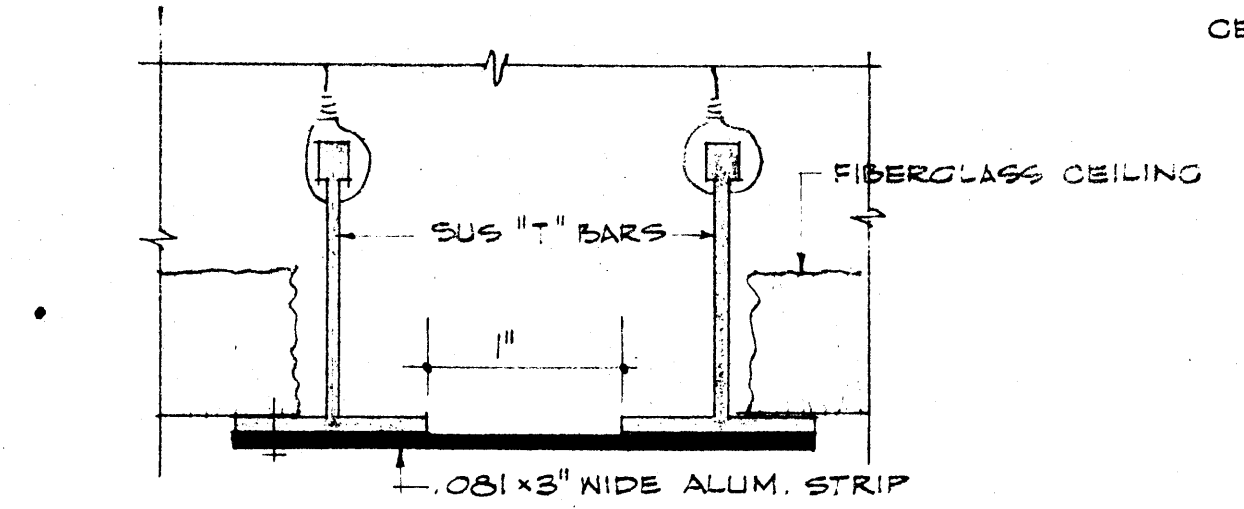
	DATE	6-21-66	LABORATORY SCIENCES BUILDING ARKANSAS STATE COLLEGE JONESBORO, ARKANSAS PROJECT NO. ARK. 5-1479	A 13 COMMISSION NUMBER 43066
	DRAWN BY	DEB		
	CHECKED BY	TSE		
	REVISIONS			
STUCK, FRIER, LANE & SCOTT, INC., ARCHITECTS 601 SOUTHWEST DRIVE • JONESBORO, ARKANSAS				



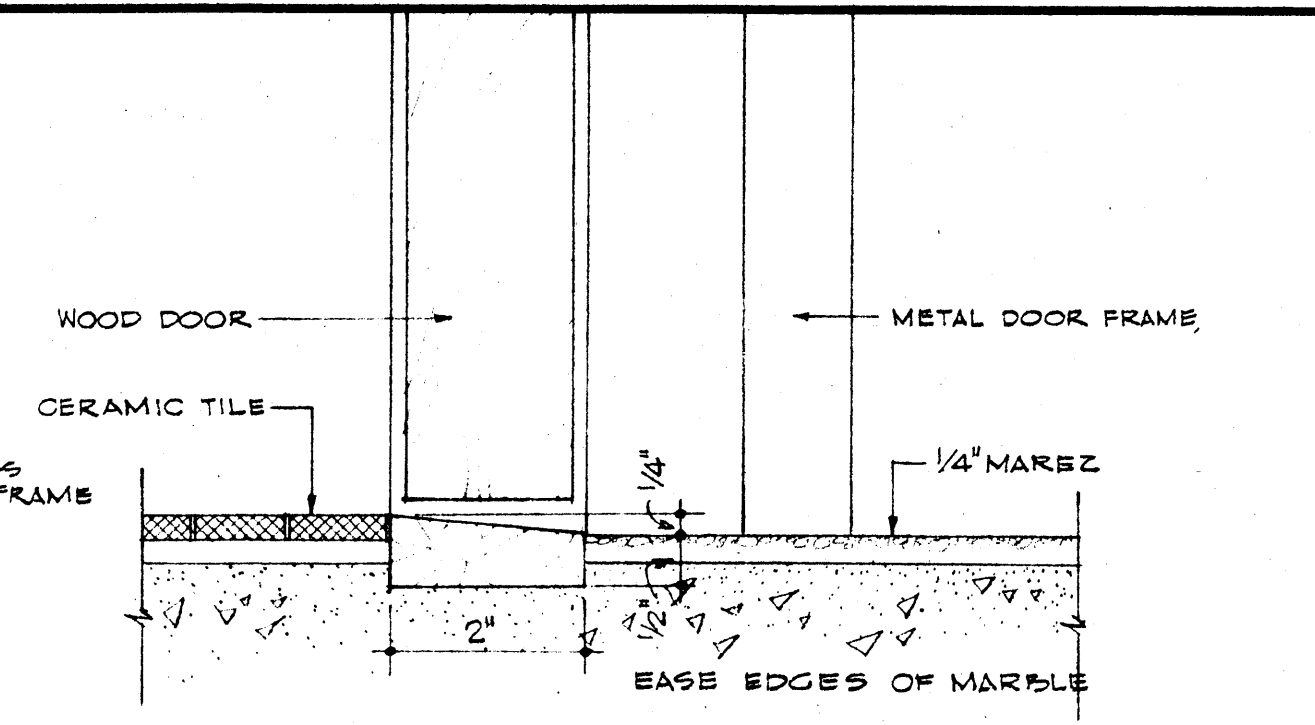
DRAPERY TRACK DETAIL
SCALE FULL SIZE



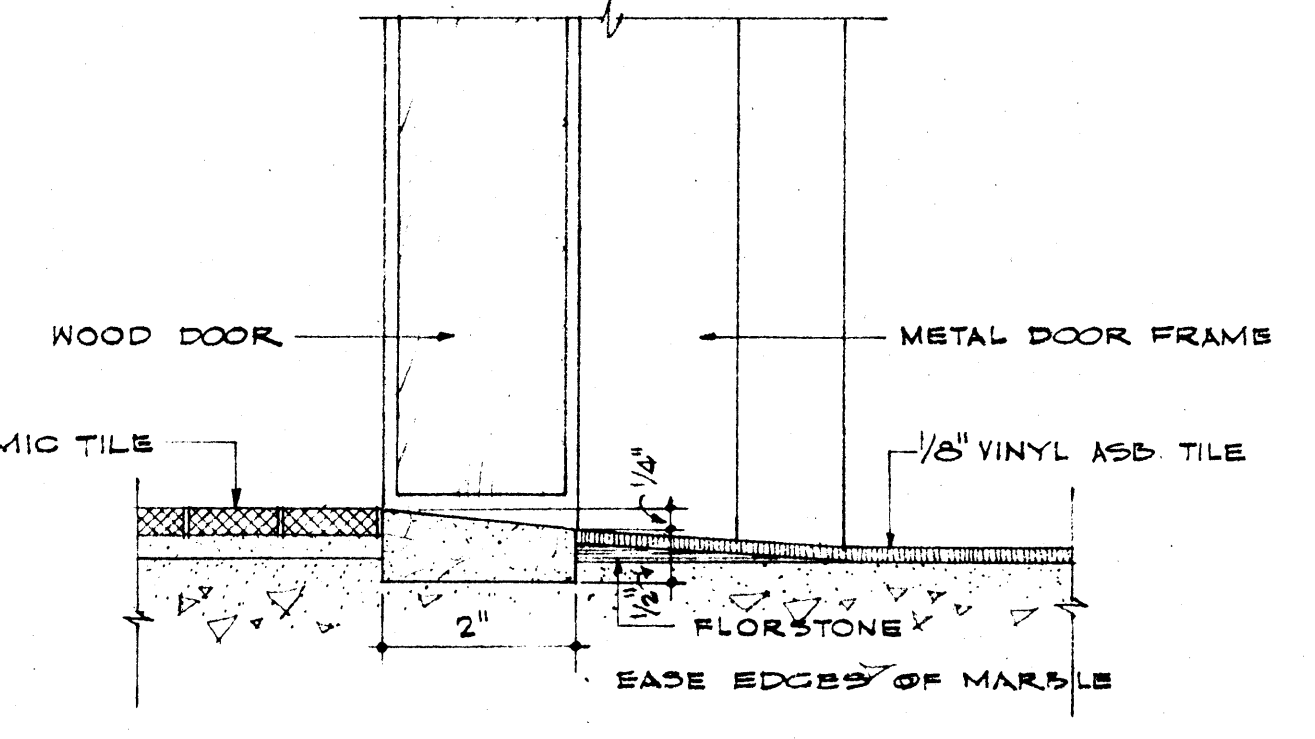
RECESSED FUR MAT DETAIL
SCALE FULL SIZE



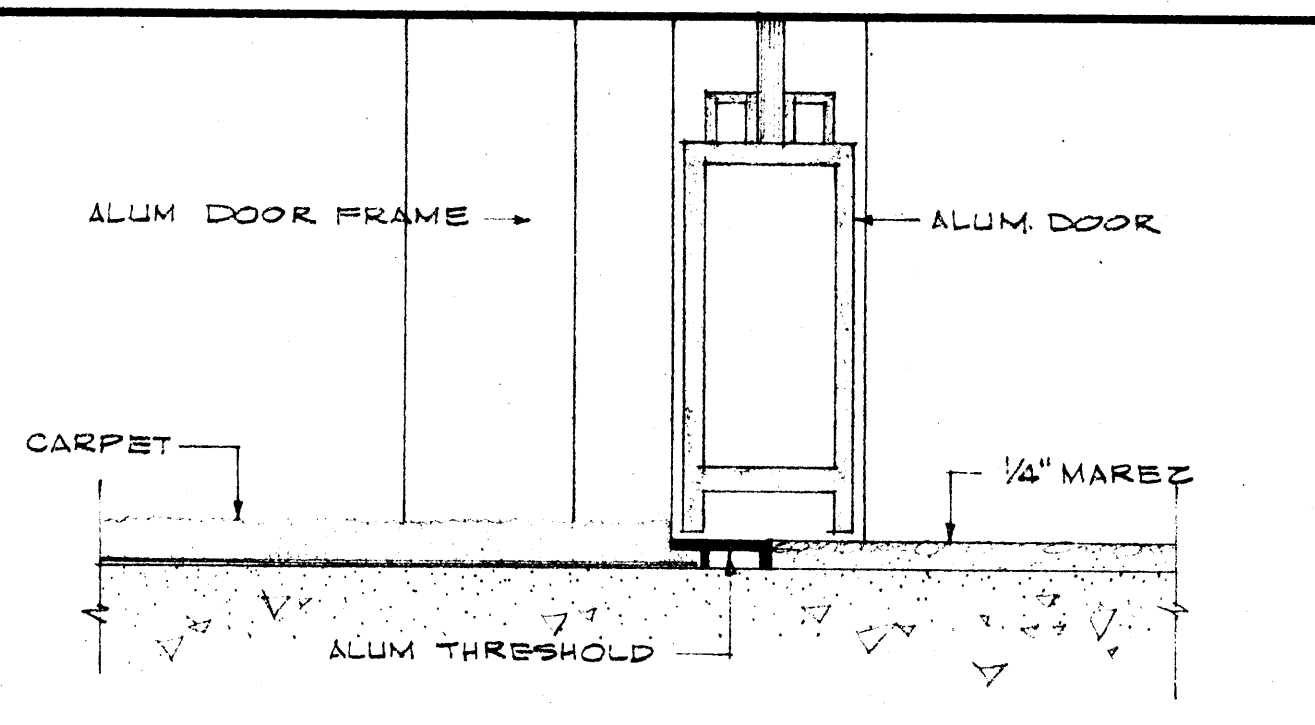
FIRST FUR CEILING EXPANSION JT.
SCALE FULL SIZE



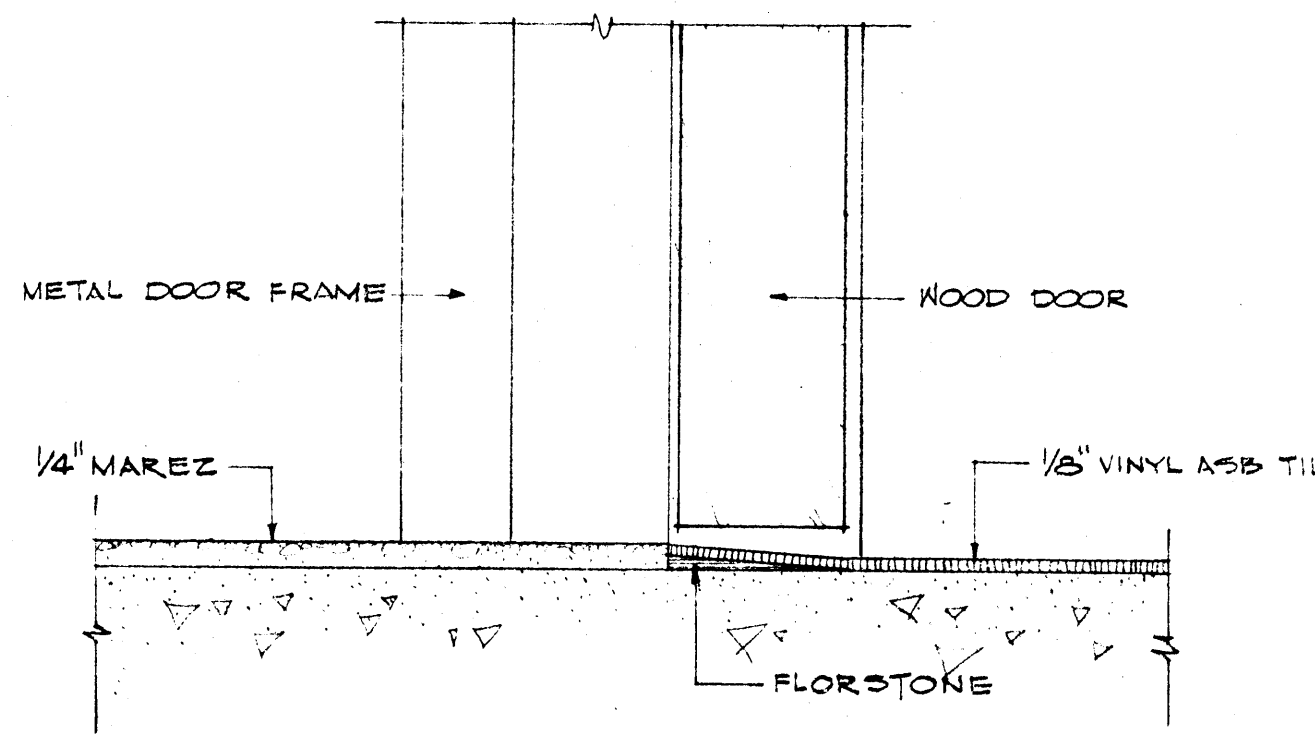
MARBLE THRESHOLD DETAIL
SCALE HALF FULL SIZE



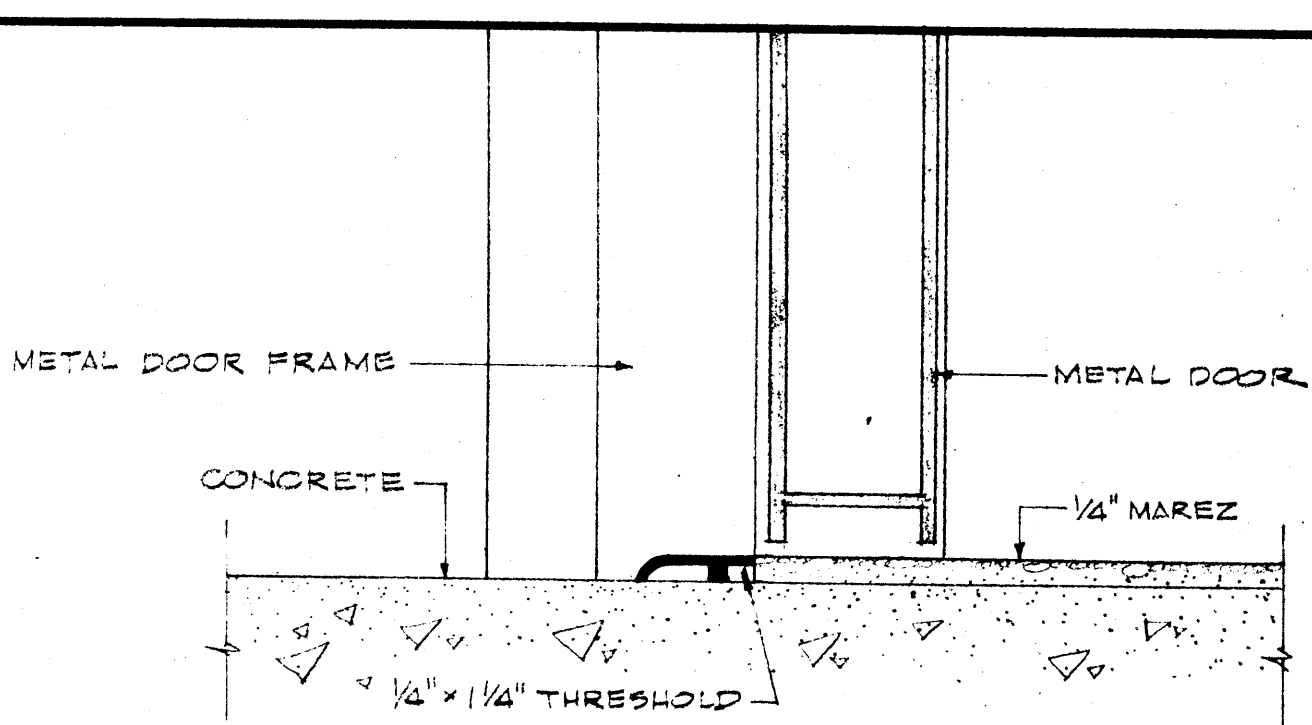
MARBLE THRESHOLD DETAIL
SCALE HALF FULL SIZE



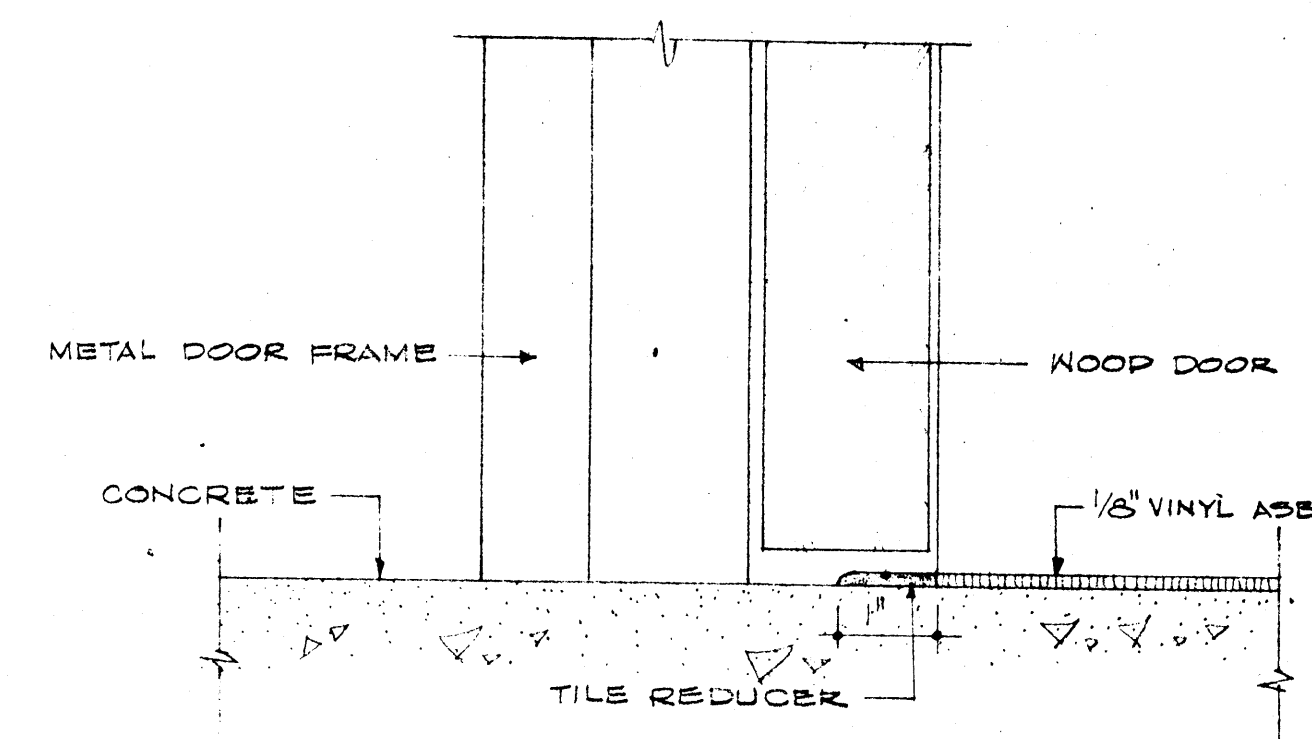
TRANSITION FROM CARPET TO MAREZ @ DOOR OPENINGS
SCALE HALF FULL SIZE



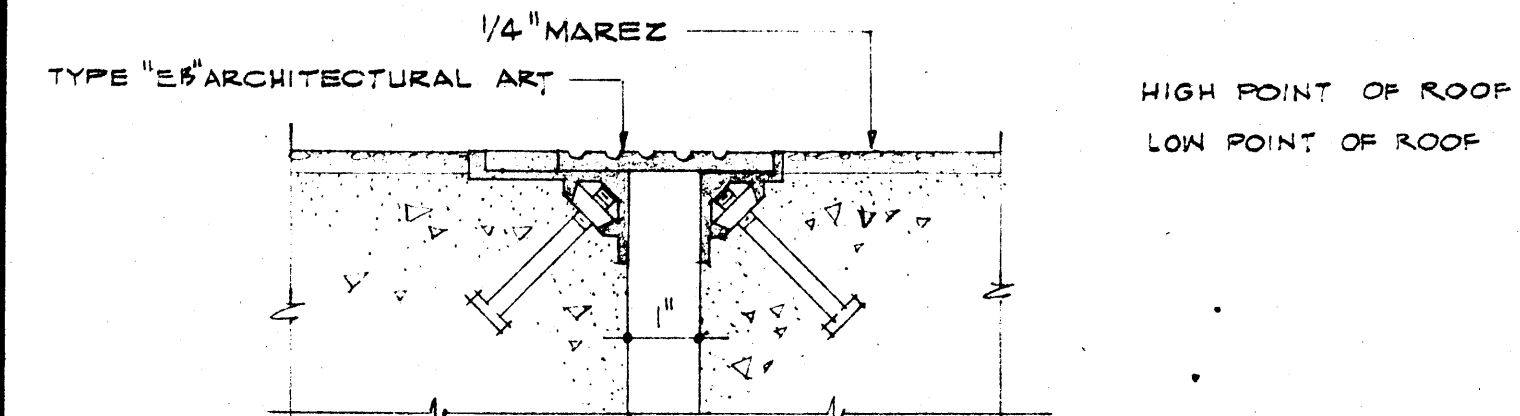
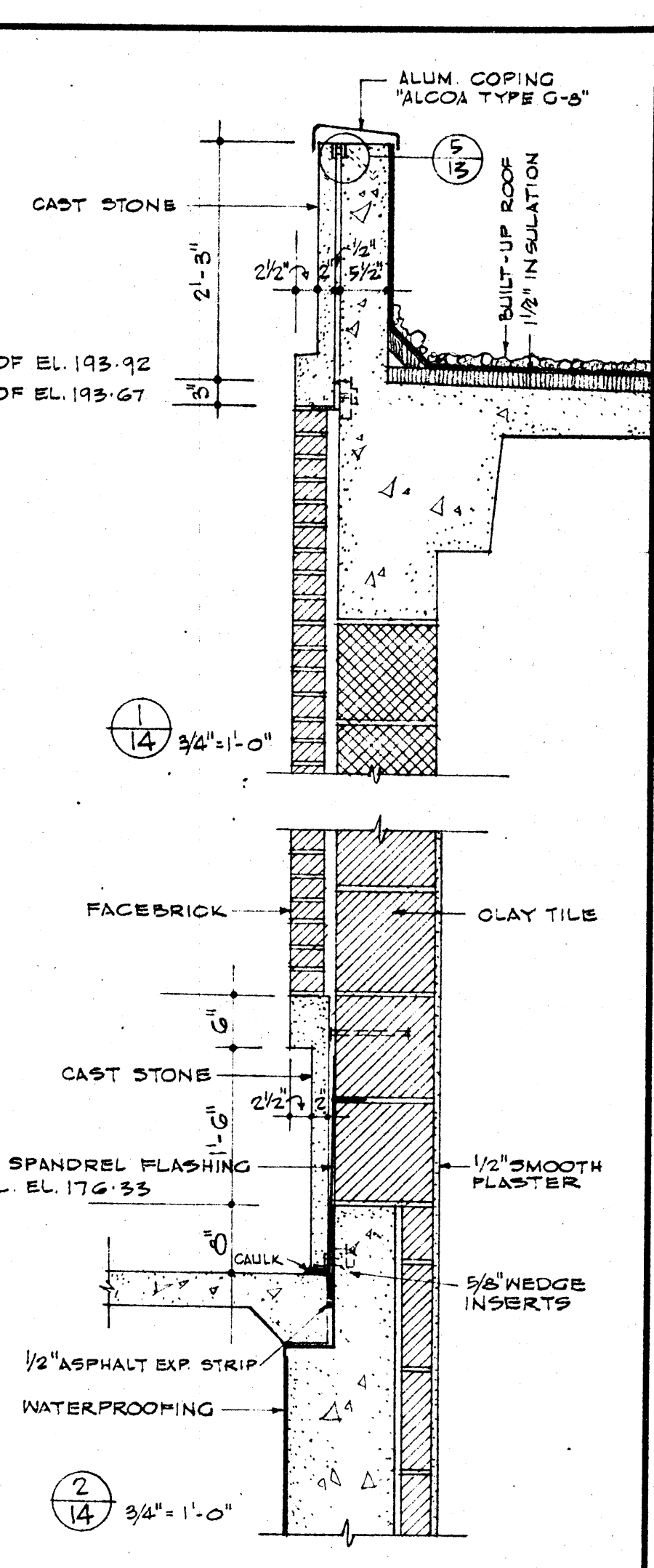
TRANSITION FROM V.A.T TO MAREZ @ DOOR OPENINGS
SCALE HALF FULL SIZE



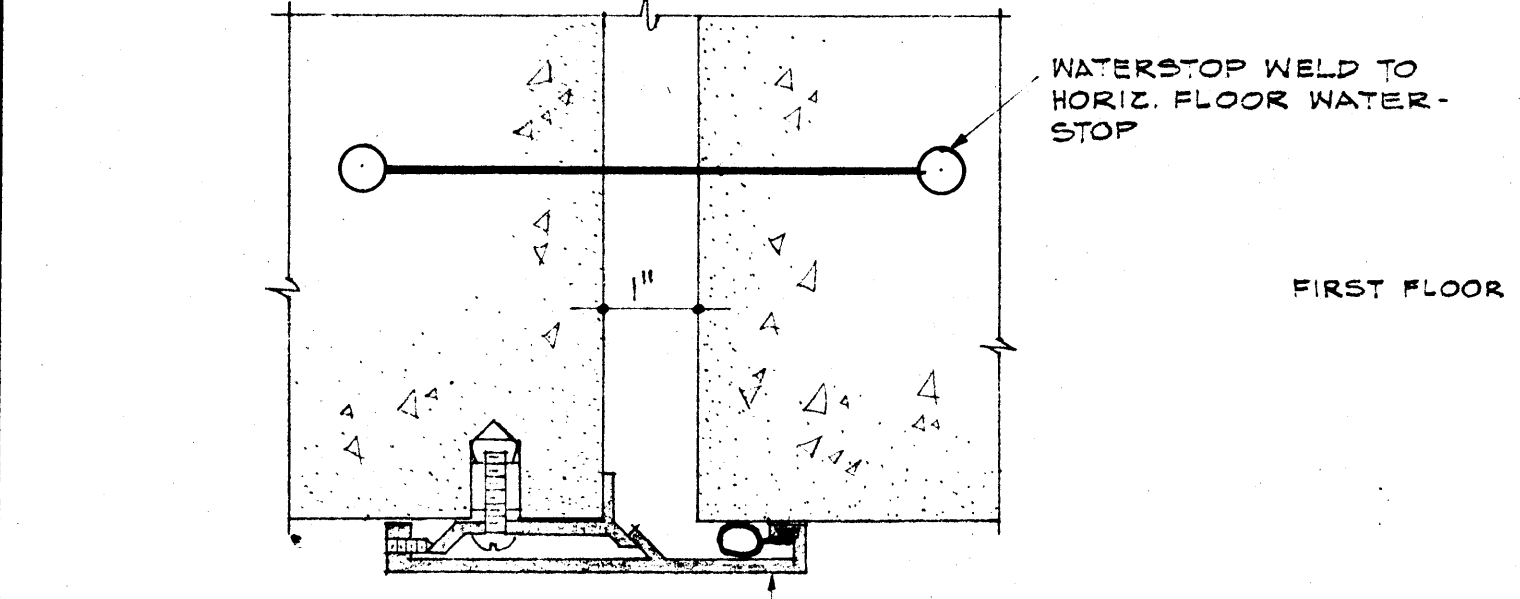
TRANSITION FROM CONCRETE TO MAREZ @ DOOR OPENINGS
SCALE HALF FULL SIZE



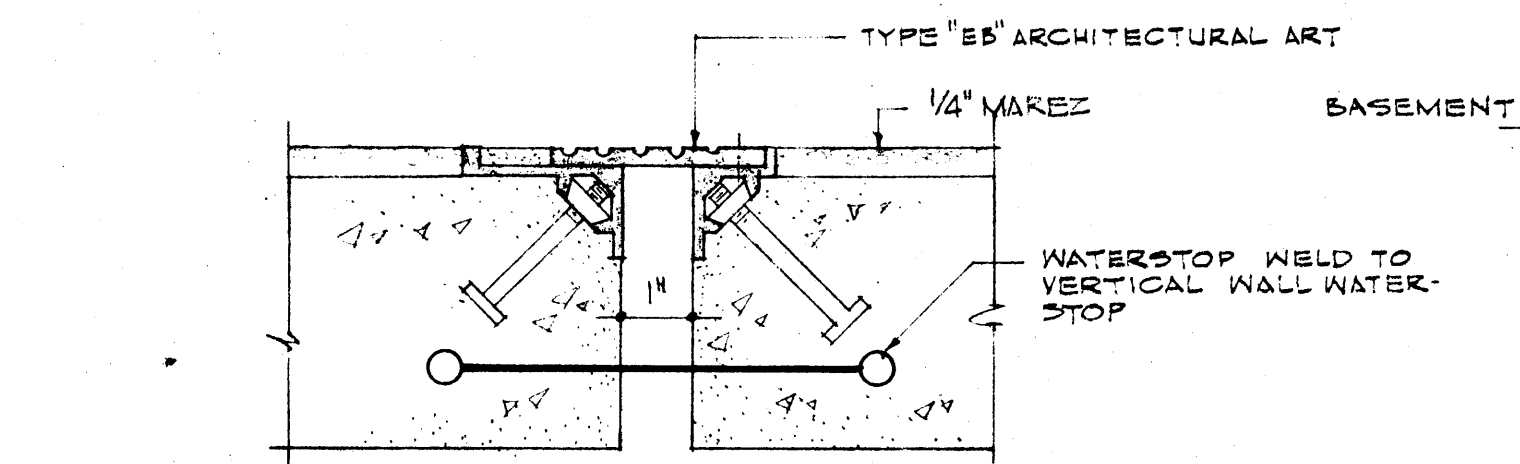
TRANSITION FROM CONCRETE TO V.A.T @ DOOR OPENINGS
SCALE HALF FULL SIZE



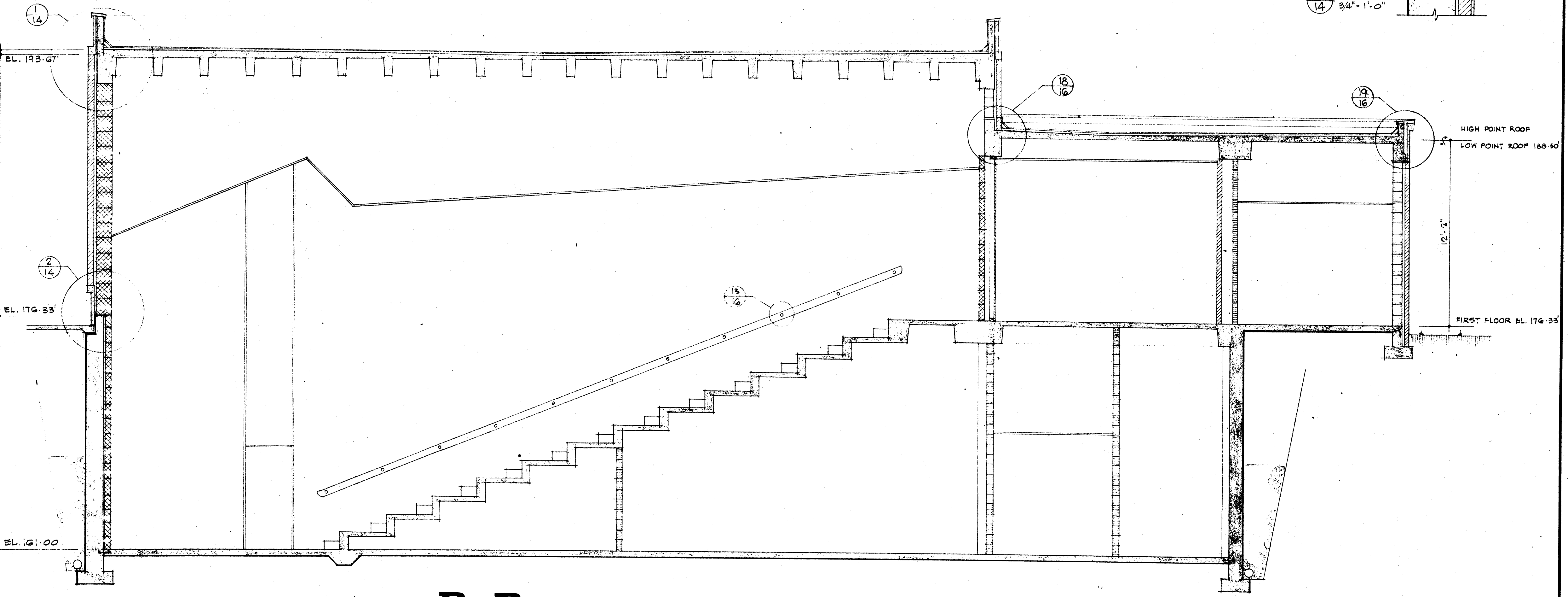
FIRST FUR FLOOR EXPANSION JT.
SCALE 3/8" = 1"



BASEMENT WALL EXPANSION JT.
SCALE 1/2" = 1"



BASEMENT FLOOR EXPANSION JT.
SCALE 3/8" = 1"



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

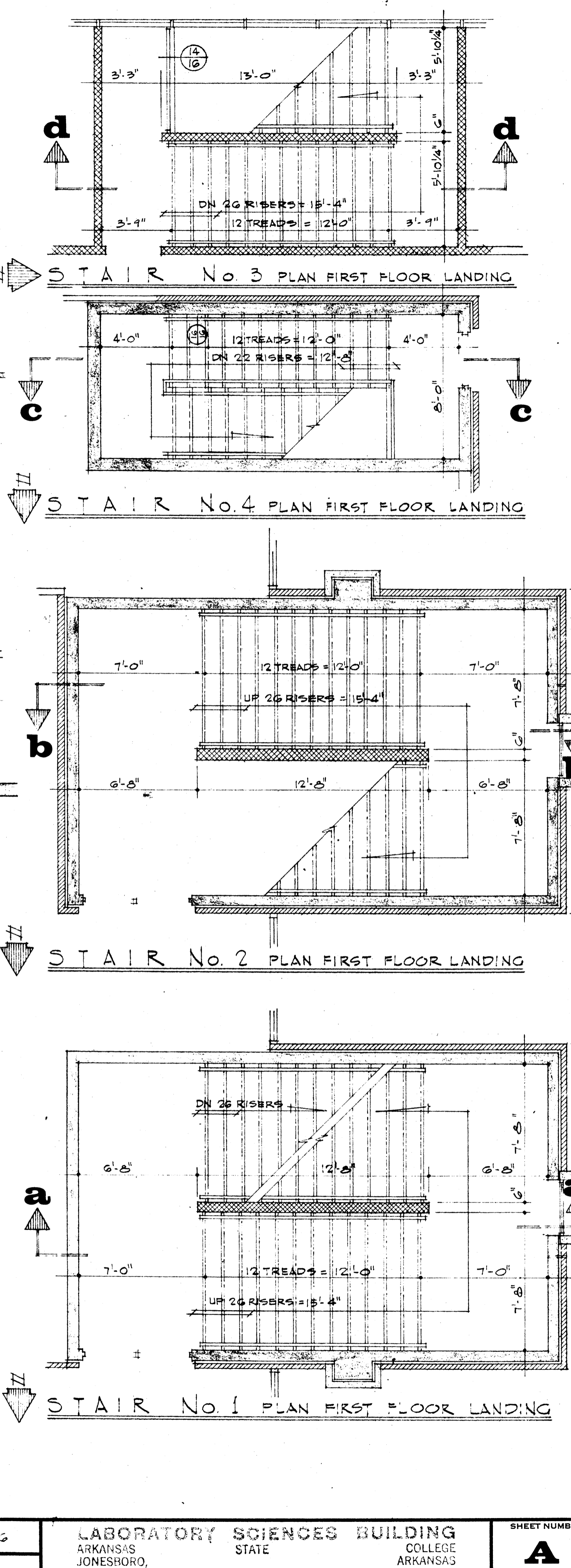
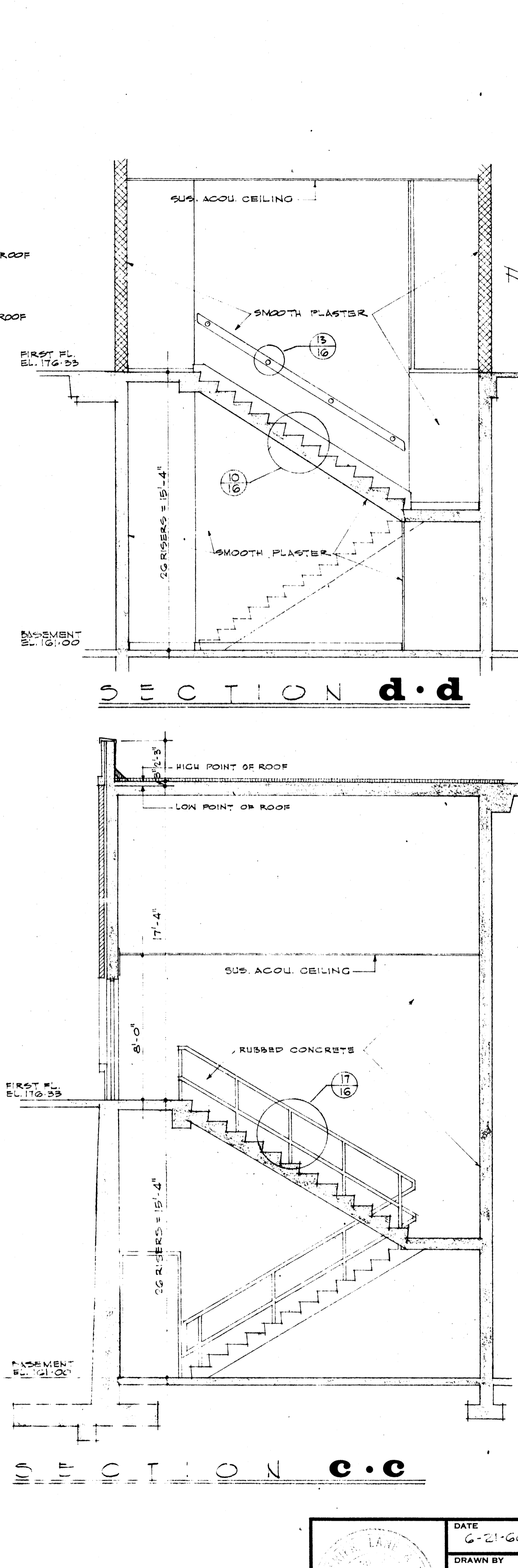
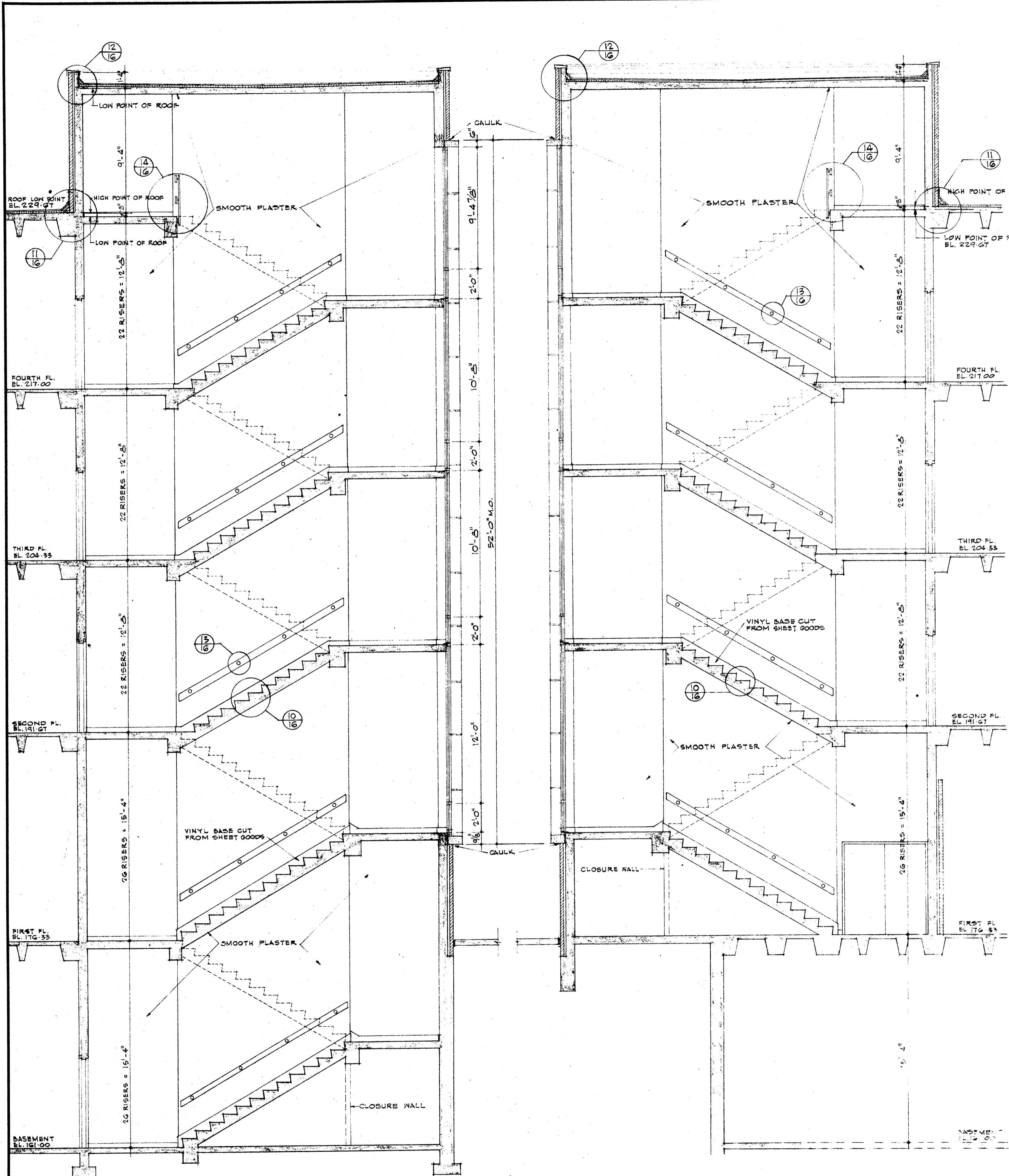
DATE	6-21-66
DRAWN BY	DEB
CHECKED BY	TSF
REVISIONS	

LABORATORY SCIENCES BUILDING
ARKANSAS STATE COLLEGE
JONESBORO, ARKANSAS
PROJECT NO. ARK. 5-1479

STUCK, FRIER, LANE & SCOTT, INC., ARCHITECTS
601 SOUTHWEST DRIVE • JONESBORO, ARKANSAS

SHEET NUMBER
A
14
COMMISSION NUMBER
43066

AERO BLUE PRINT CO., INC.



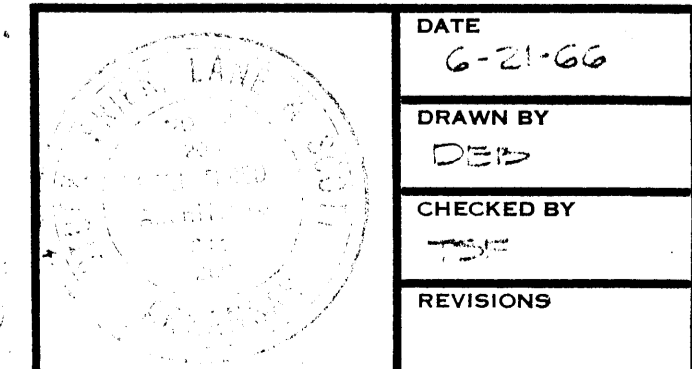
SECTION a-a

SECTION b-b

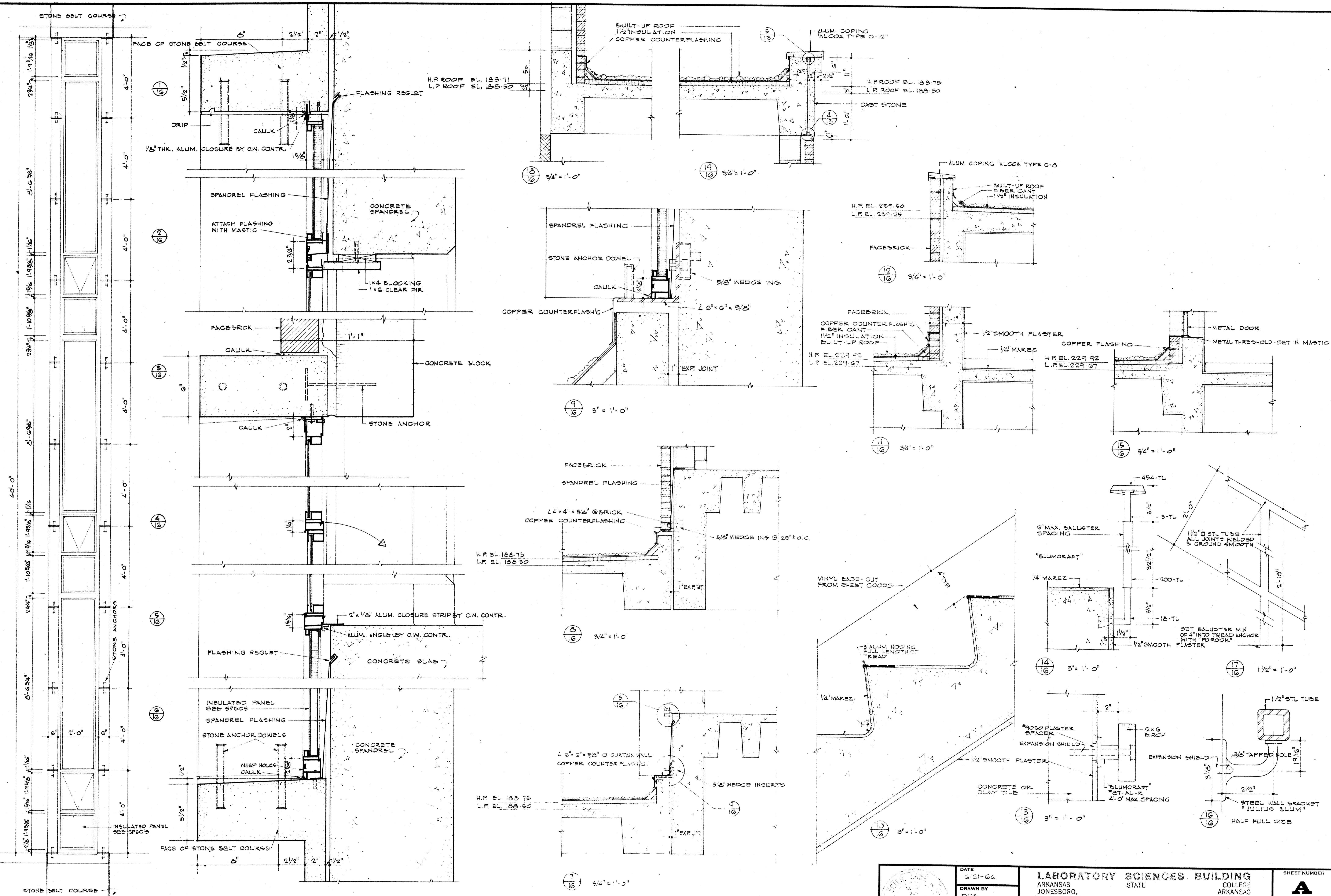
SECTION d-d

SECTION c-c

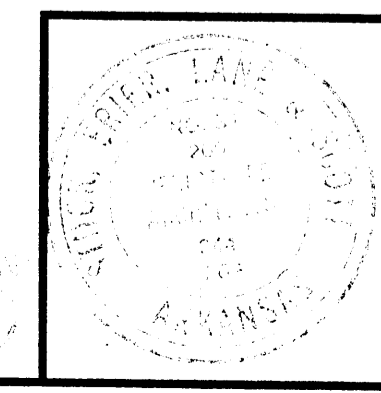
SCALE 1/4" = 1'-0" FOR THIS SHEET UNLESS OTHERWISE NOTED



DATE 6-21-66	LABORATORY SCIENCES BUILDING ARKANSAS STATE COLLEGE JONESBORO, ARKANSAS PROJECT NO. ARK. 5-1479	SHEET NUMBER A 15	
DRAWN BY DBB		STUCK, FRIER, LANE & SCOTT, INC., ARCHITECTS 601 SOUTHWEST DRIVE • JONESBORO, ARKANSAS	
CHECKED BY			COMMISSION NUMBER 42063
REVISIONS			



ELEVATION - TYPICAL PANEL SCALE 1/2" = 1'-0"
 ALUMINUM CURTAIN WALL DETAILS

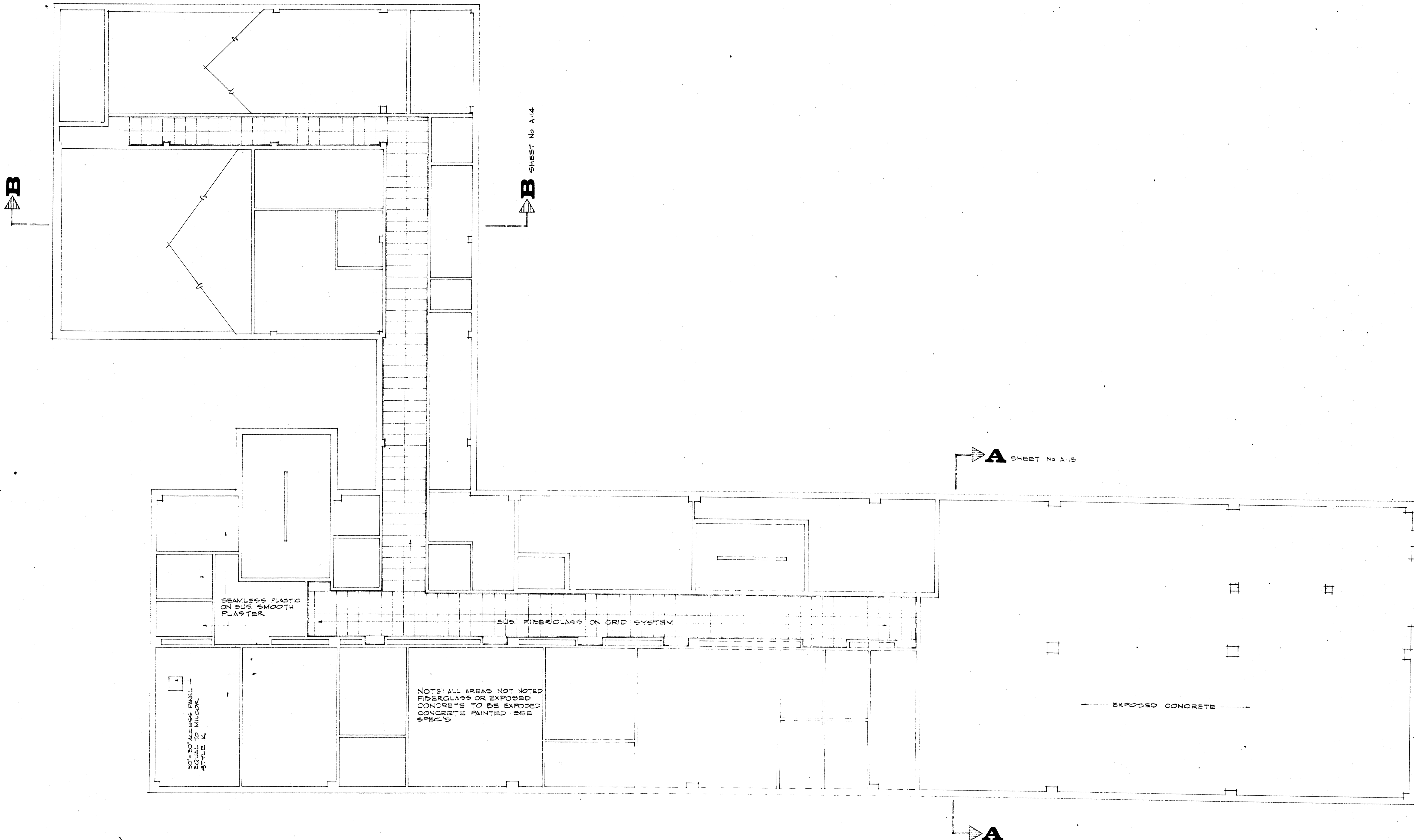


DATE	6-21-66
DRAWN BY	DEB
CHECKED BY	TSB
REVISIONS	

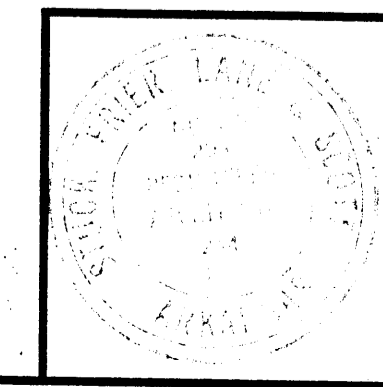
LABORATORY SCIENCES BUILDING
 ARKANSAS STATE COLLEGE
 JONESBORO, ARKANSAS
 PROJECT NO. ARK. 5-1479

STUCK, FRIER, LANE & SCOTT, INC., ARCHITECTS
 601 SOUTHWEST DRIVE • JONESBORO, ARKANSAS

SHEET NUMBER
A 16
 COMMISSION NUMBER
 42066



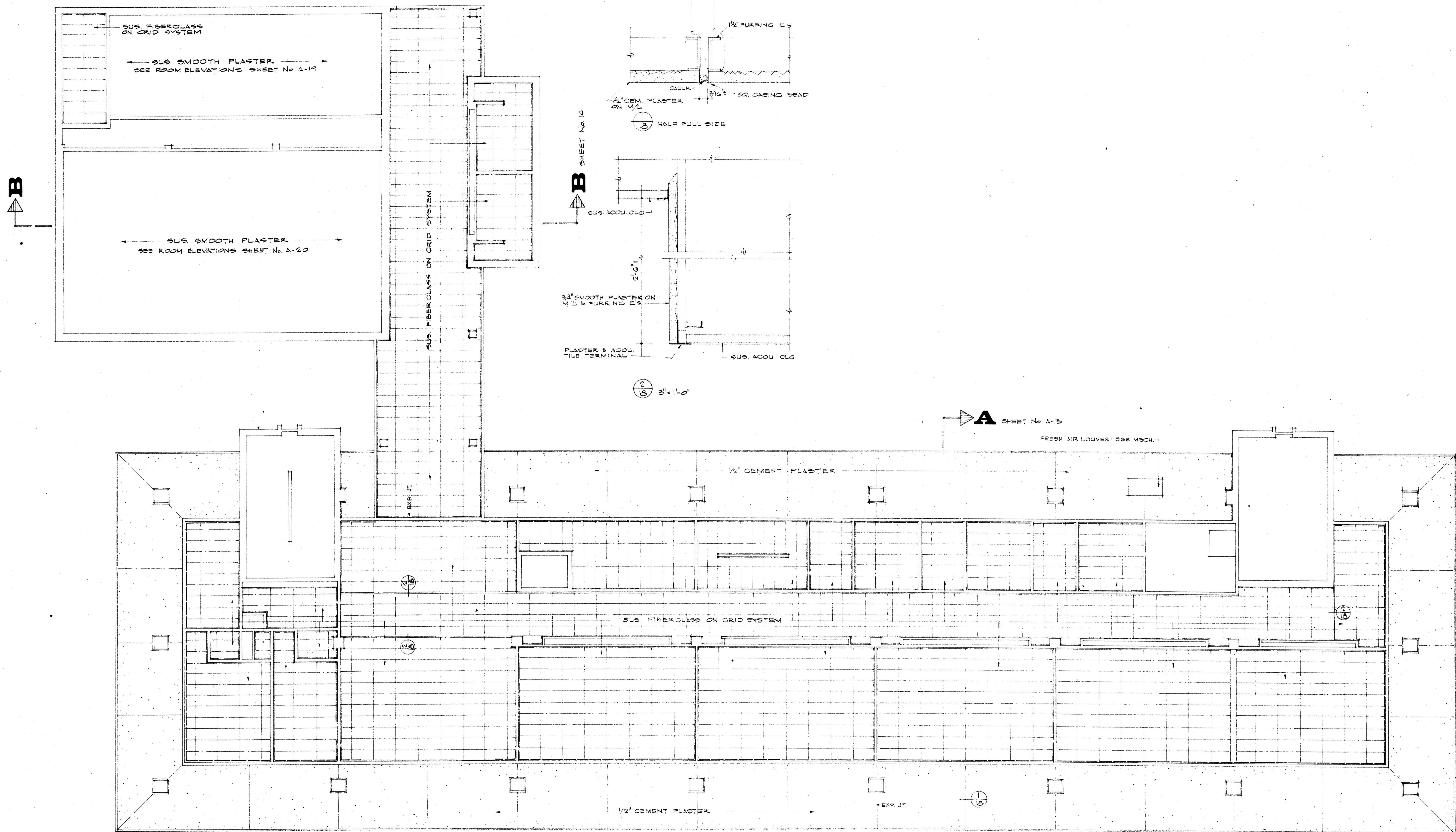
N BASEMENT REFLECTED CEILING PLAN



DATE
9-21-66
DRAWN BY
DEB
CHECKED BY
TSE
REVISIONS

LABORATORY SCIENCES BUILDING
ARKANSAS STATE COLLEGE
JONESBORO, ARKANSAS
PROJECT NO. ARK. 5-1479
STUCK, FRIER, LANE & SCOTT, INC., ARCHITECTS
601 SOUTHWEST DRIVE • JONESBORO, ARKANSAS

SHEET NUMBER
A
17
COMMISSION NUMBER
43066



N FIRST FLOOR REFLECTED CEILING PLAN SCALE 1/8" = 1'-0"

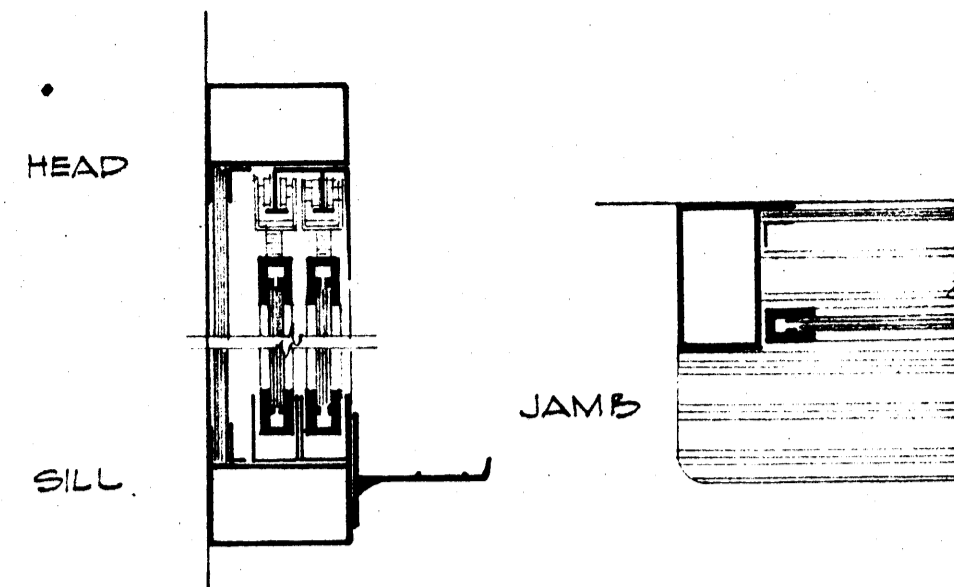
A SHEET No. A-15

B SHEET No. 14

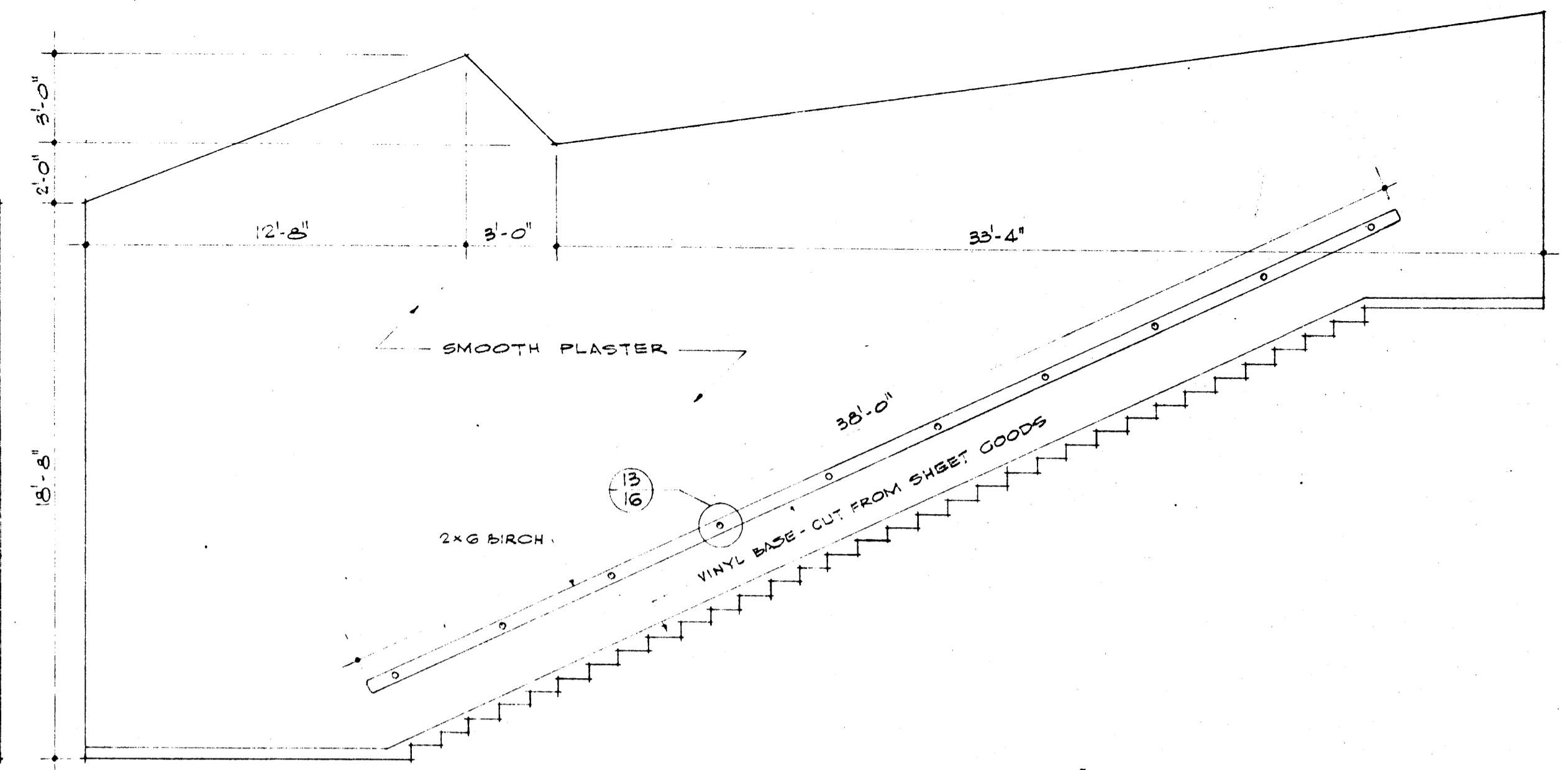
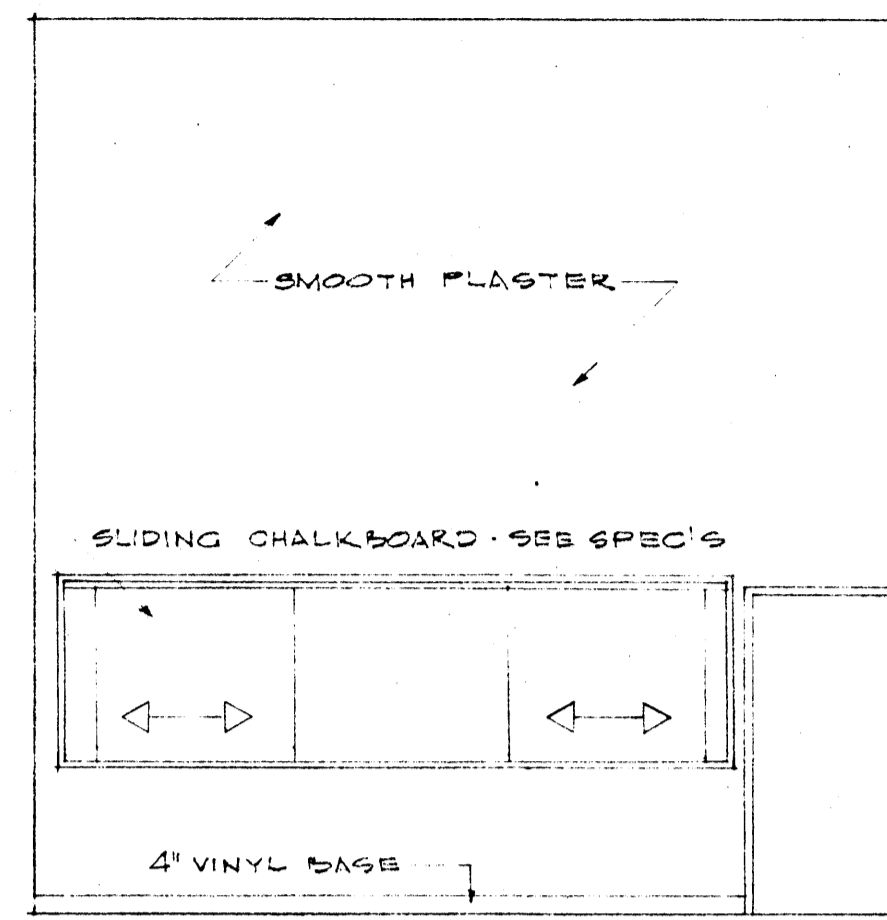
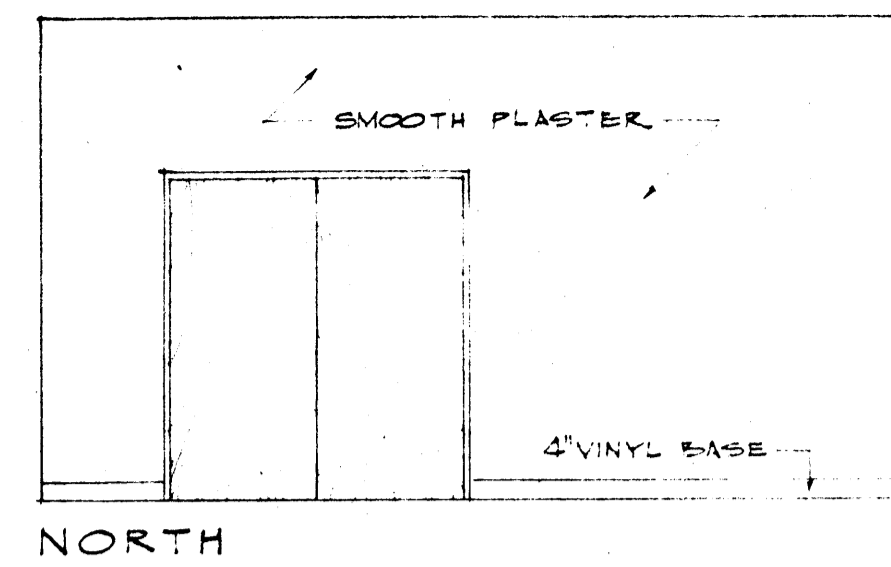
B

A

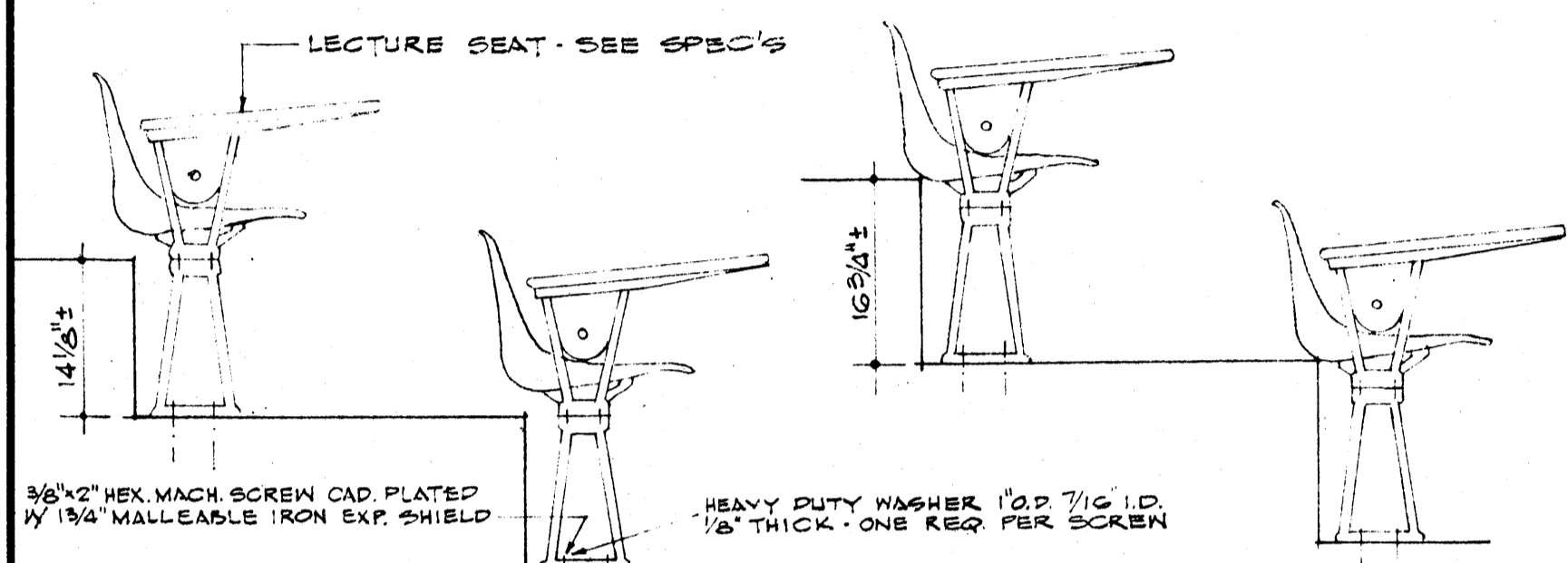
DATE 6-21-66	LABORATORY SCIENCES BUILDING ARKANSAS STATE COLLEGE JONESBORO, ARKANSAS	SHEET NUMBER A 18
DRAWN BY DEB		PROJECT NO. ARK. 5-1479
CHECKED BY TSP	STUCK, FRIER, LANE & SCOTT, INC., ARCHITECTS 601 SOUTHWEST DRIVE • JONESBORO, ARKANSAS	COMMISSION NUMBER 2000
REVISIONS		



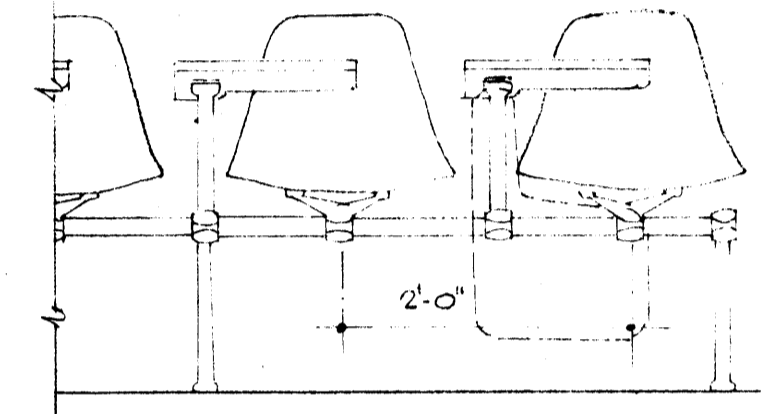
SLIDING CHALKBOARD DETAIL
SCALE 3"=1'-0"



82 SEAT LECTURE HALL ELEVATIONS
SCALE 1/4"=1'-0"

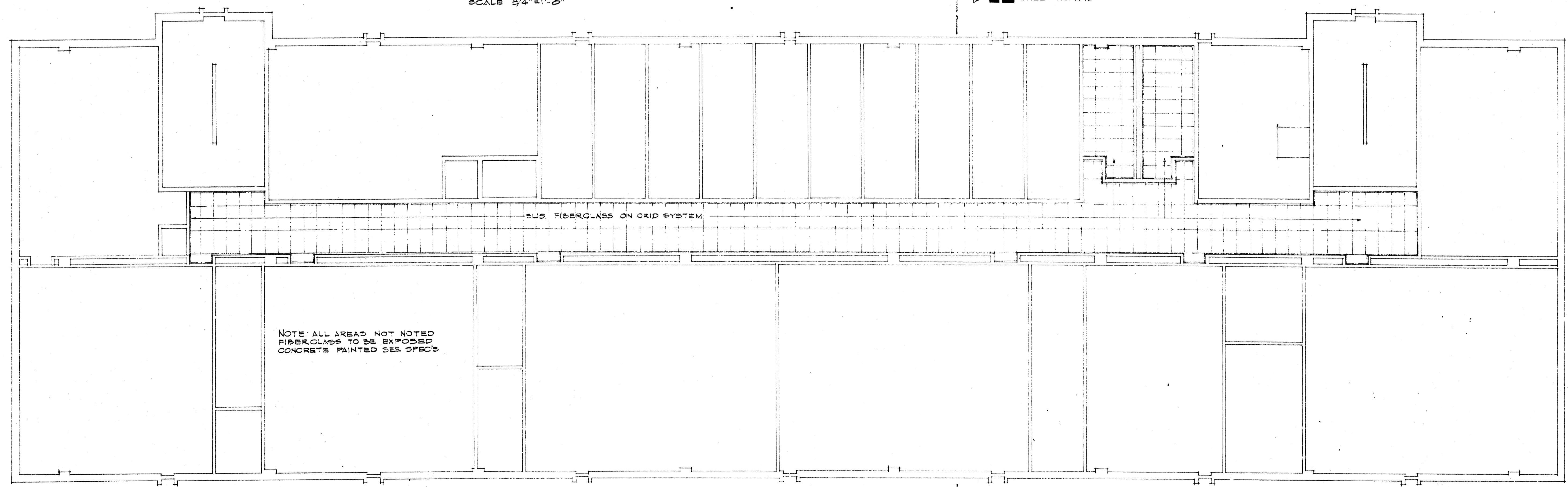


LECTURE HALL SEATING DETAILS
SCALE 3/4"=1'-0"



LECTURE HALL SEATING ELEVATION
SCALE 3/4"=1'-0"

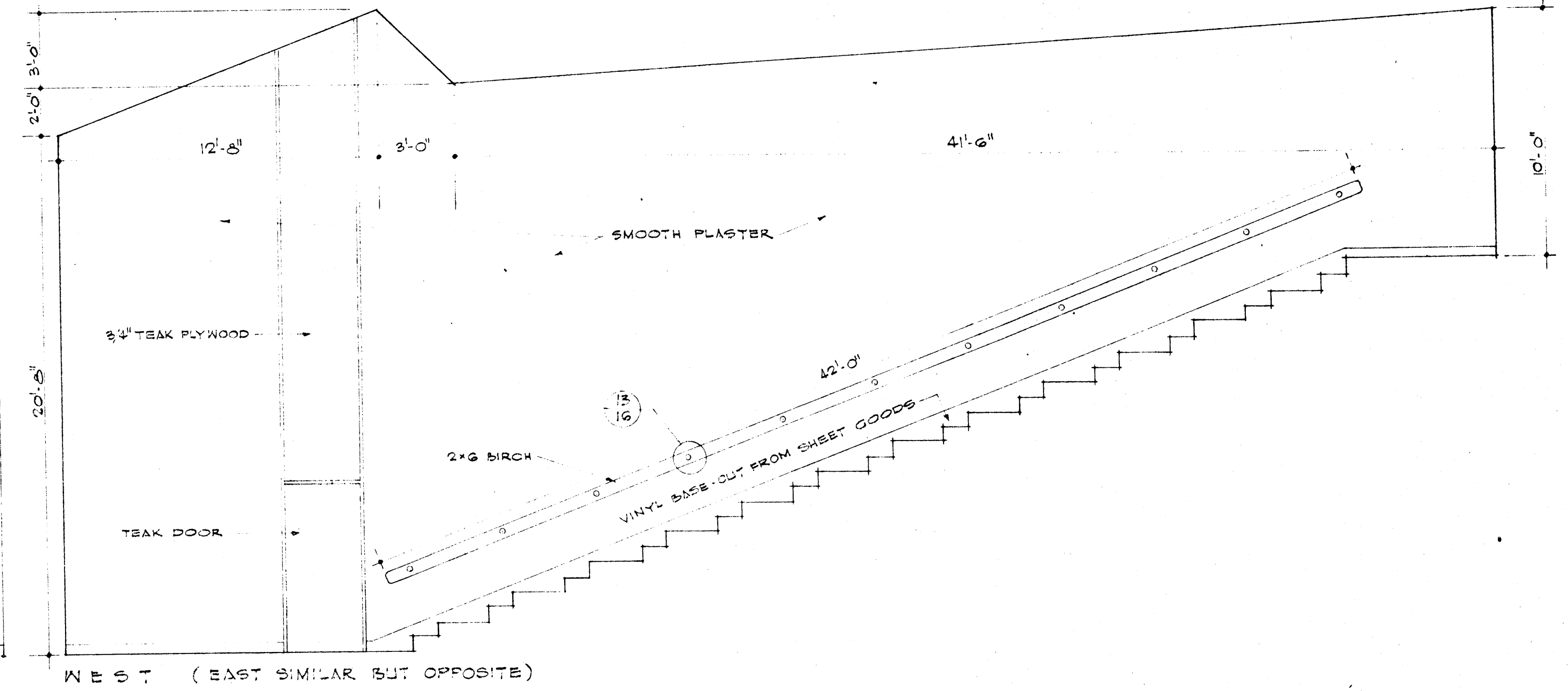
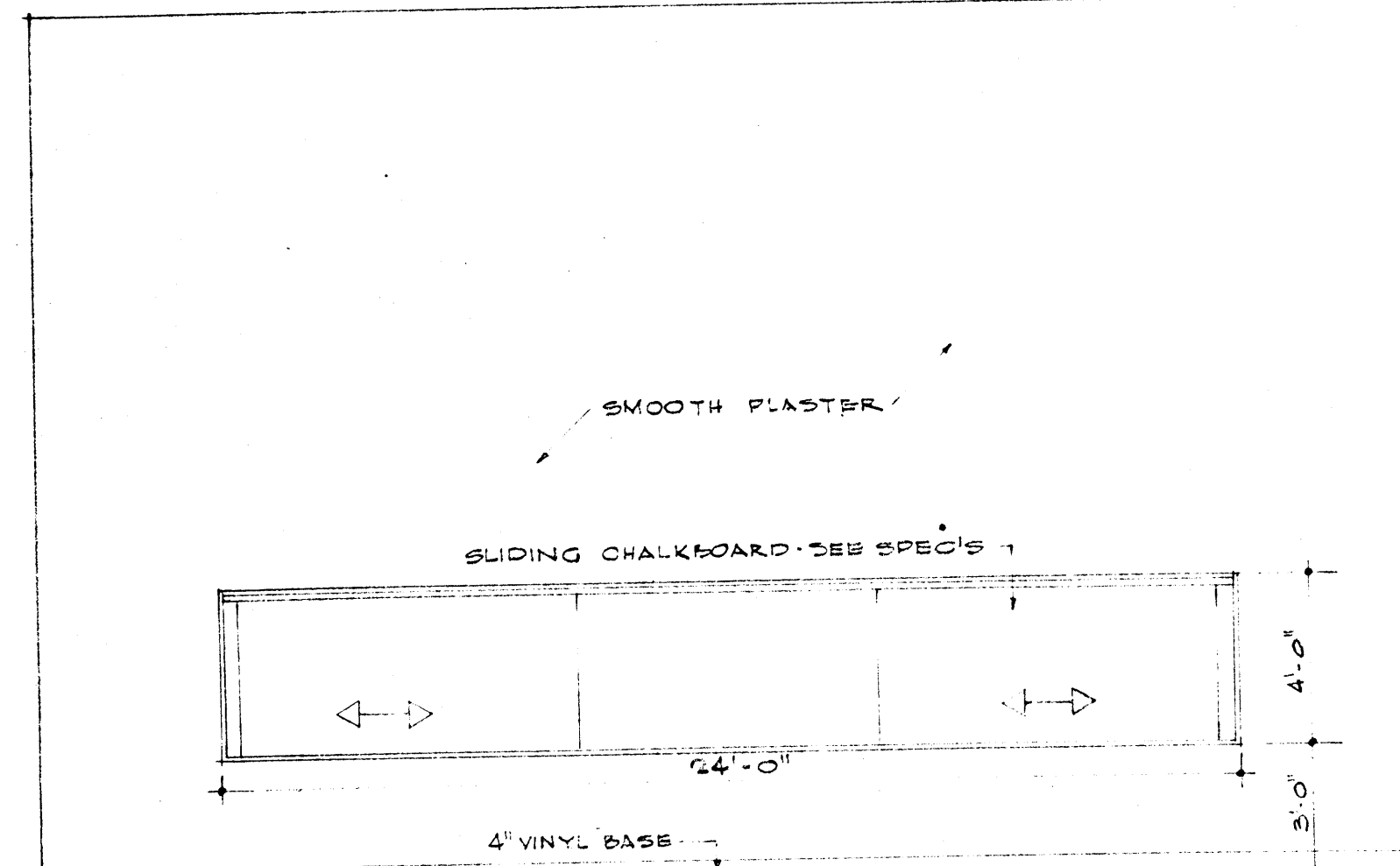
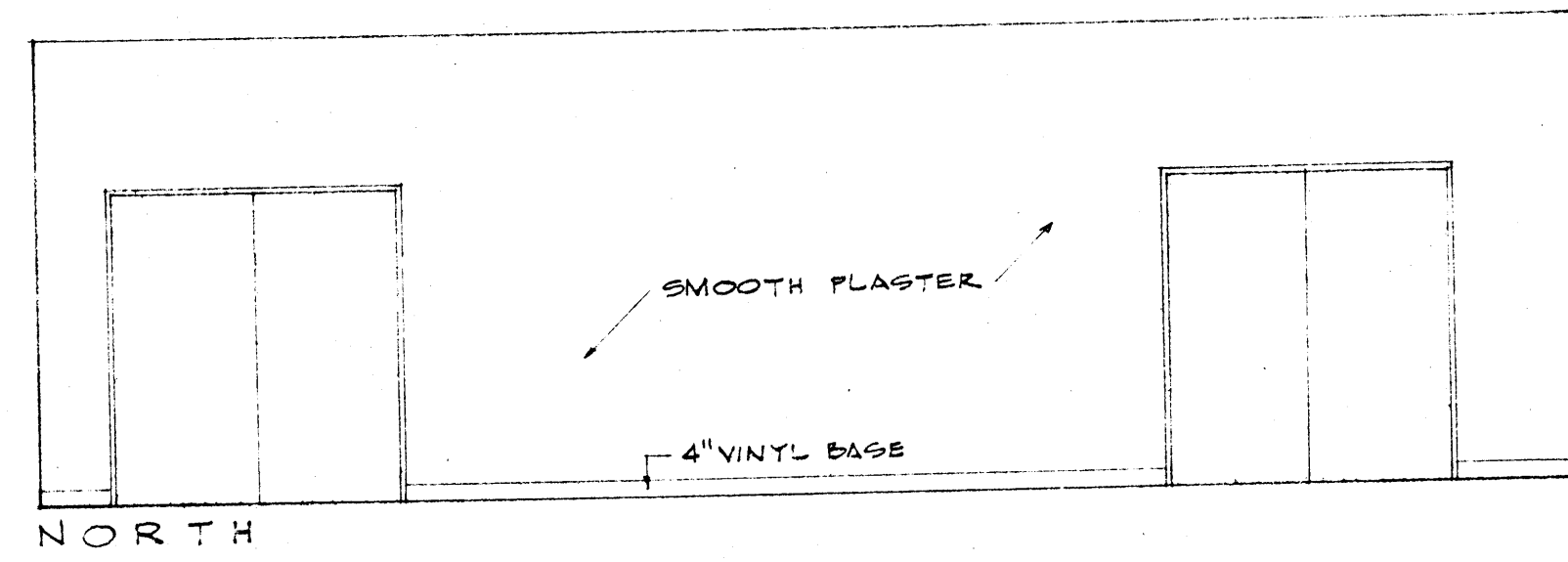
A SHEET NO. A-1B



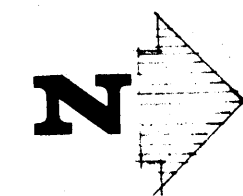
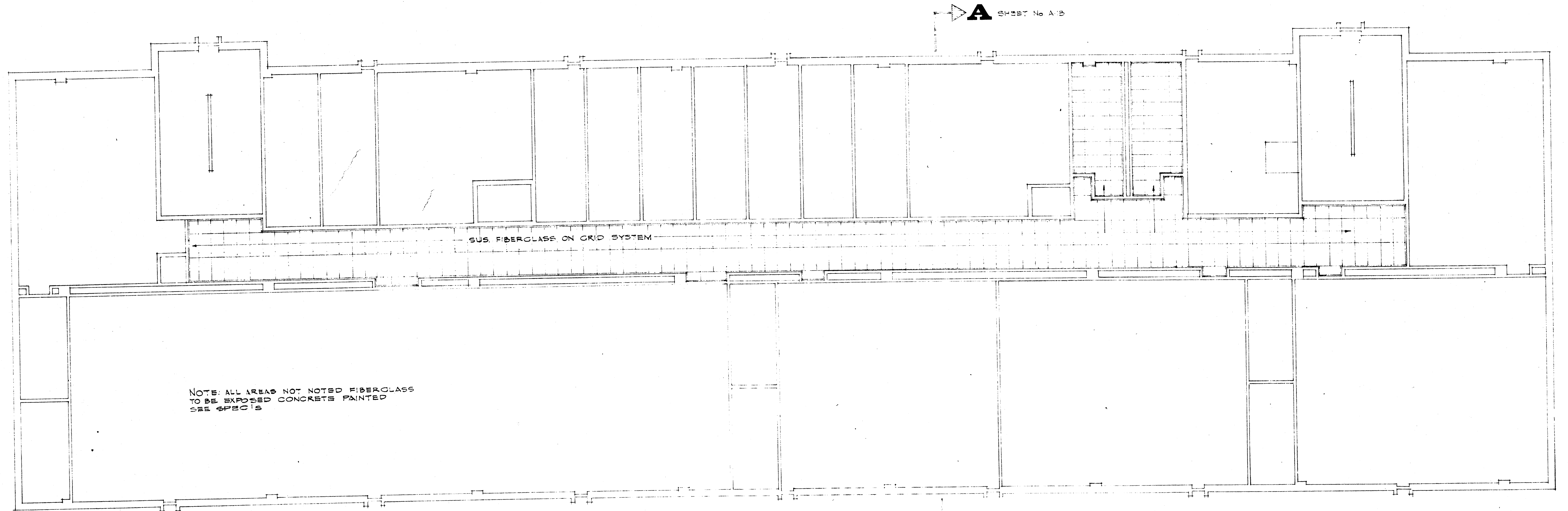
NOTE: ALL AREAS NOT NOTED FIBERGLASS TO BE EXPOSED CONCRETE PAINTED SEE SPEC'S

SECOND FLOOR REFLECTED CEILING PLAN
SCALE 1/8"=1'-0"

	DATE 6-21-66	LABORATORY SCIENCES BUILDING ARKANSAS COLLEGE JONESBORO, ARKANSAS PROJECT NO. ARK. 5-1479	SHEET NUMBER A 19	
	DRAWN BY DEB		STUCK, FRIER, LANE & SCOTT, INC., ARCHITECTS 601 SOUTHWEST DRIVE • JONESBORO, ARKANSAS	COMMISSION NUMBER 45066
	CHECKED BY TSP			
	REVISIONS			

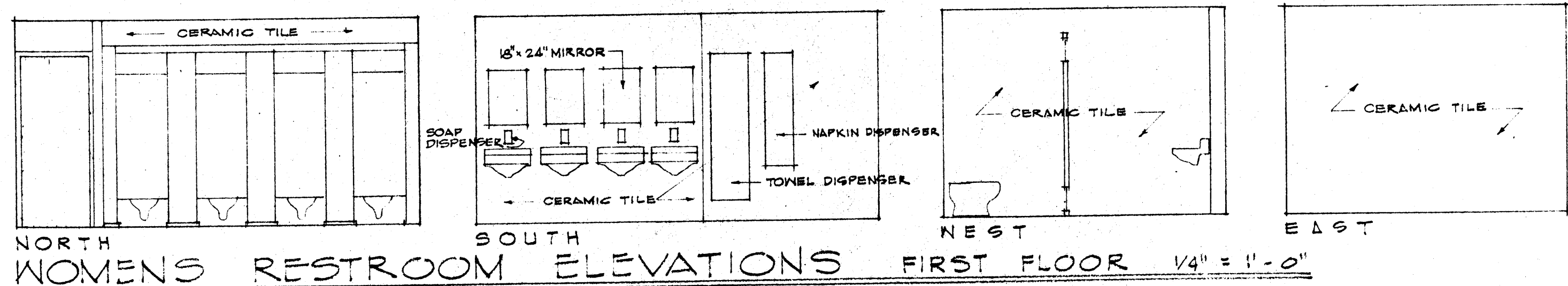


169 SEAT LECTURE HALL ELEVATIONS 1/4" = 1'-0"

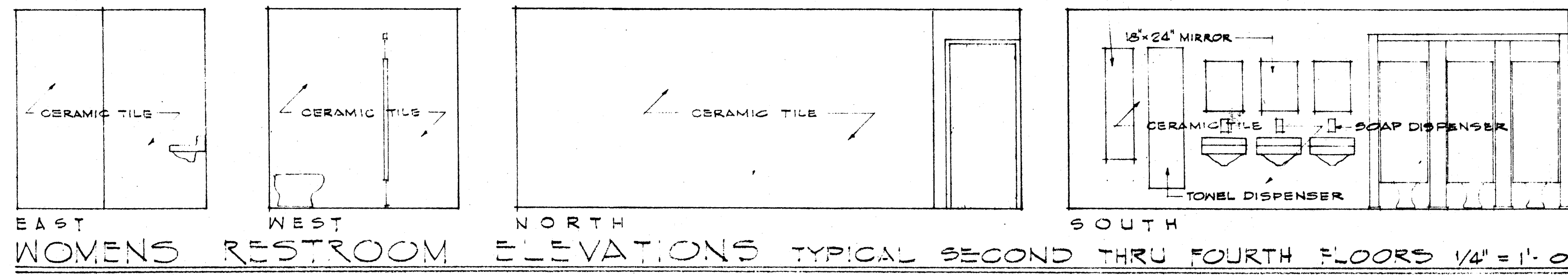


THIRD FLOOR REFLECTED CEILING PLAN SCALE 1/8" = 1'-0"

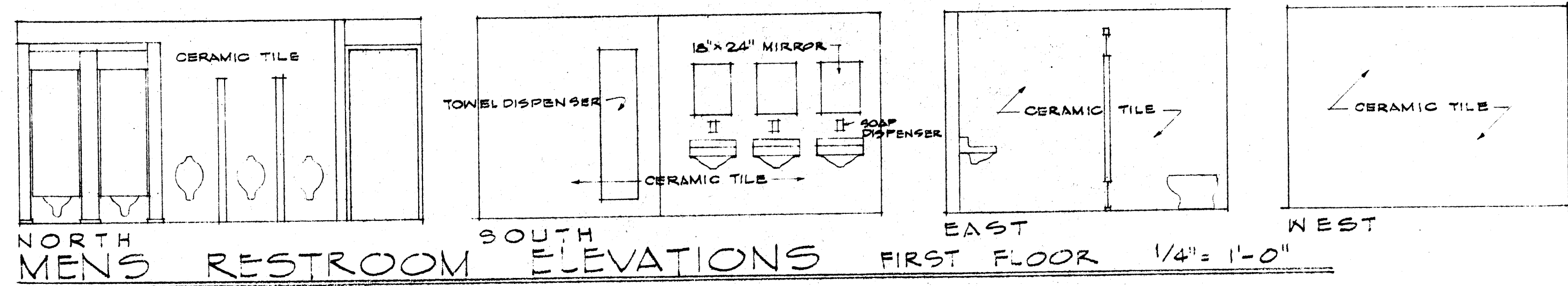
	DATE	6-21-60	LABORATORY SCIENCES BUILDING ARKANSAS STATE COLLEGE JONESBORO, ARKANSAS PROJECT NO. ARK. 5-1479	SHEET NUMBER	
	DRAWN BY	DEB		STUCK, FRIER, LANE & SCOTT, INC., ARCHITECTS 601 SOUTHWEST DRIVE • JONESBORO, ARKANSAS	A
	CHECKED BY				COMMISSION NUMBER
	REVISIONS				4800



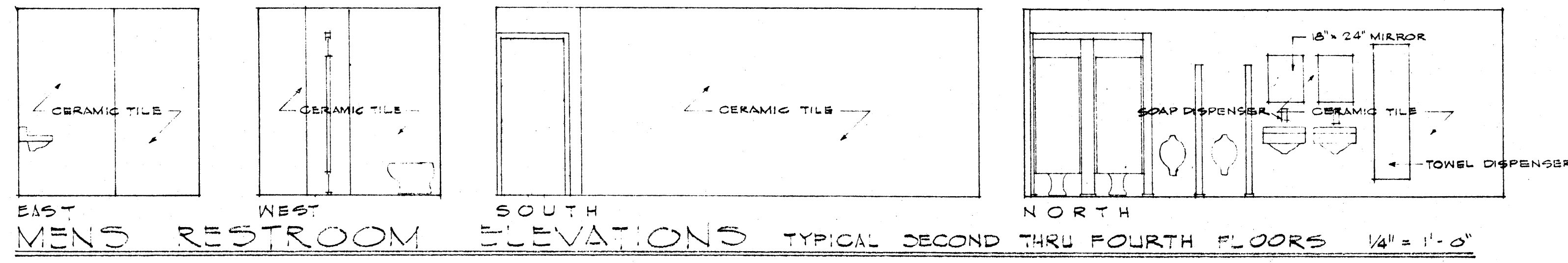
NORTH WOMENS RESTROOM ELEVATIONS FIRST FLOOR 1/4" = 1'-0"



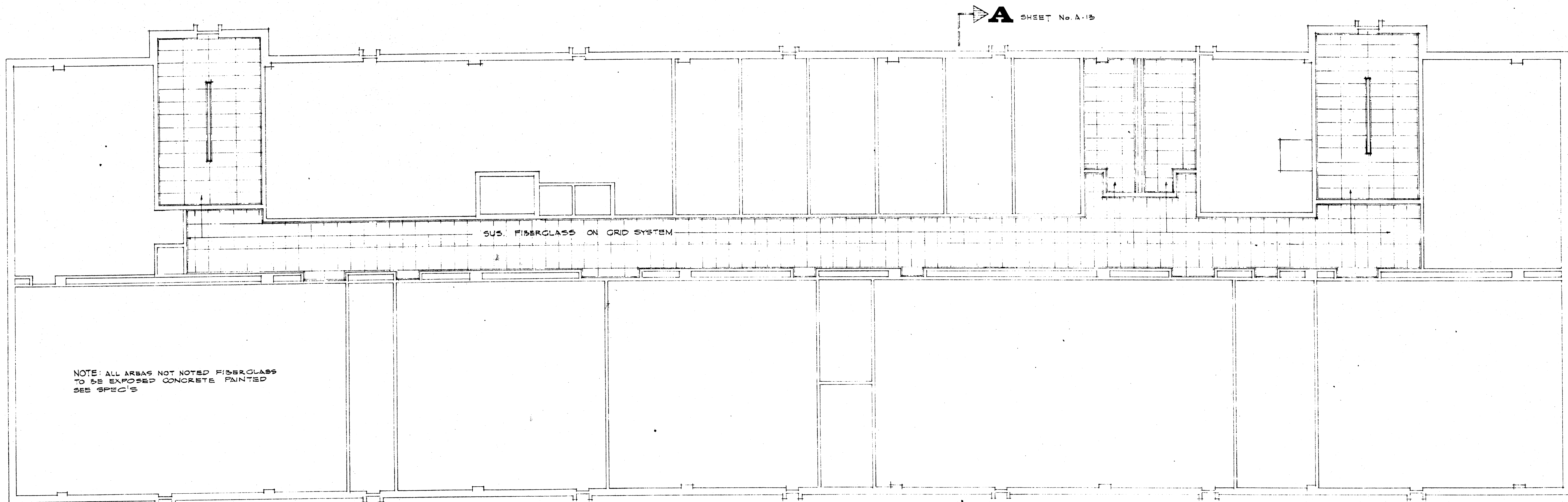
EAST WOMENS RESTROOM ELEVATIONS TYPICAL SECOND THRU FOURTH FLOORS 1/4" = 1'-0"



NORTH MENS RESTROOM ELEVATIONS FIRST FLOOR 1/4" = 1'-0"



EAST MENS RESTROOM ELEVATIONS TYPICAL SECOND THRU FOURTH FLOORS 1/4" = 1'-0"



NOTE: ALL AREAS NOT NOTED FIBERGLASS TO BE EXPOSED CONCRETE PAINTED SEE SPEC'S

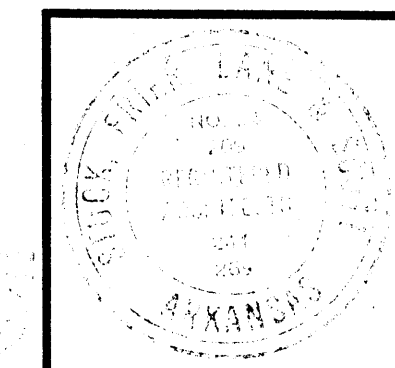
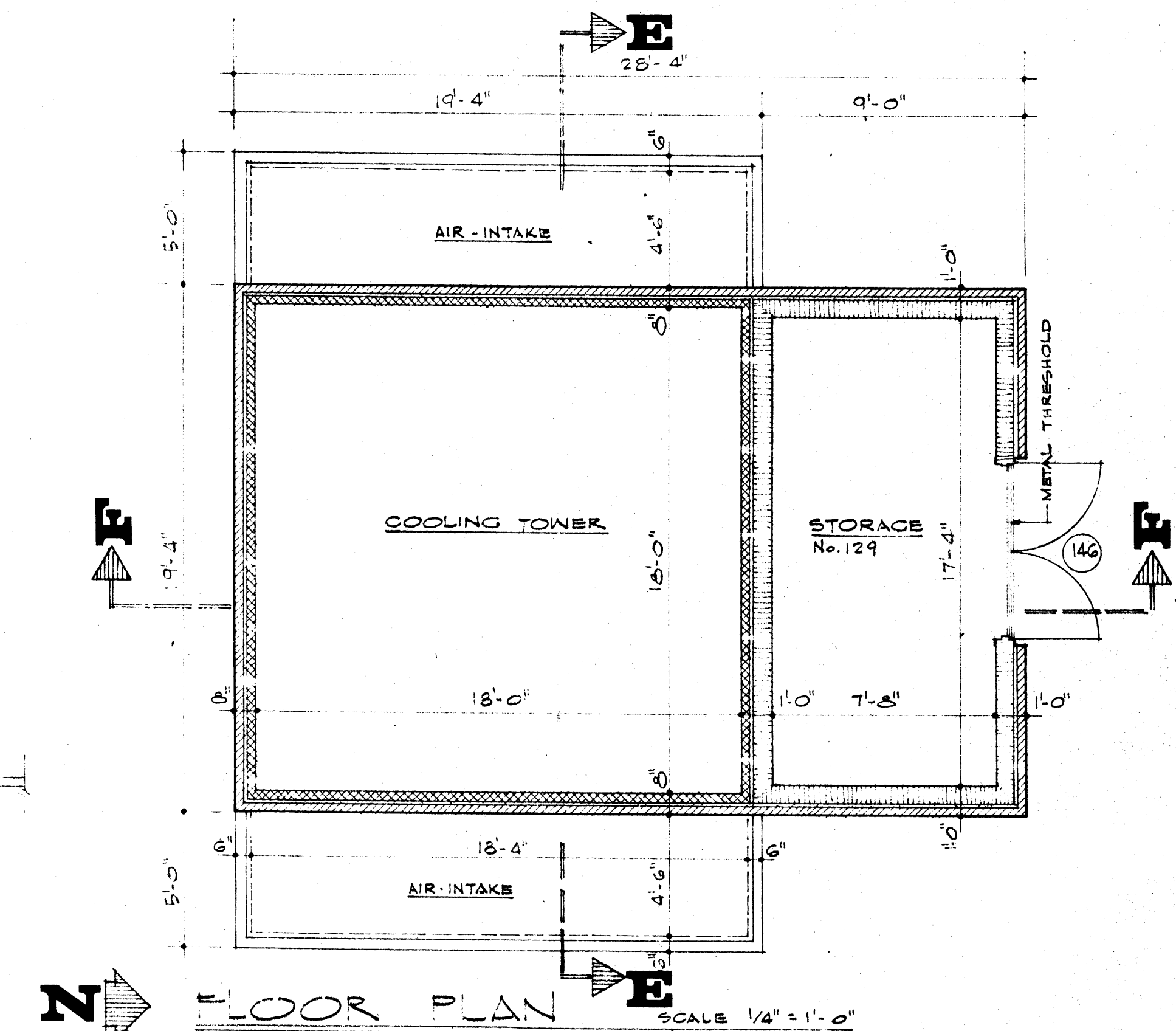
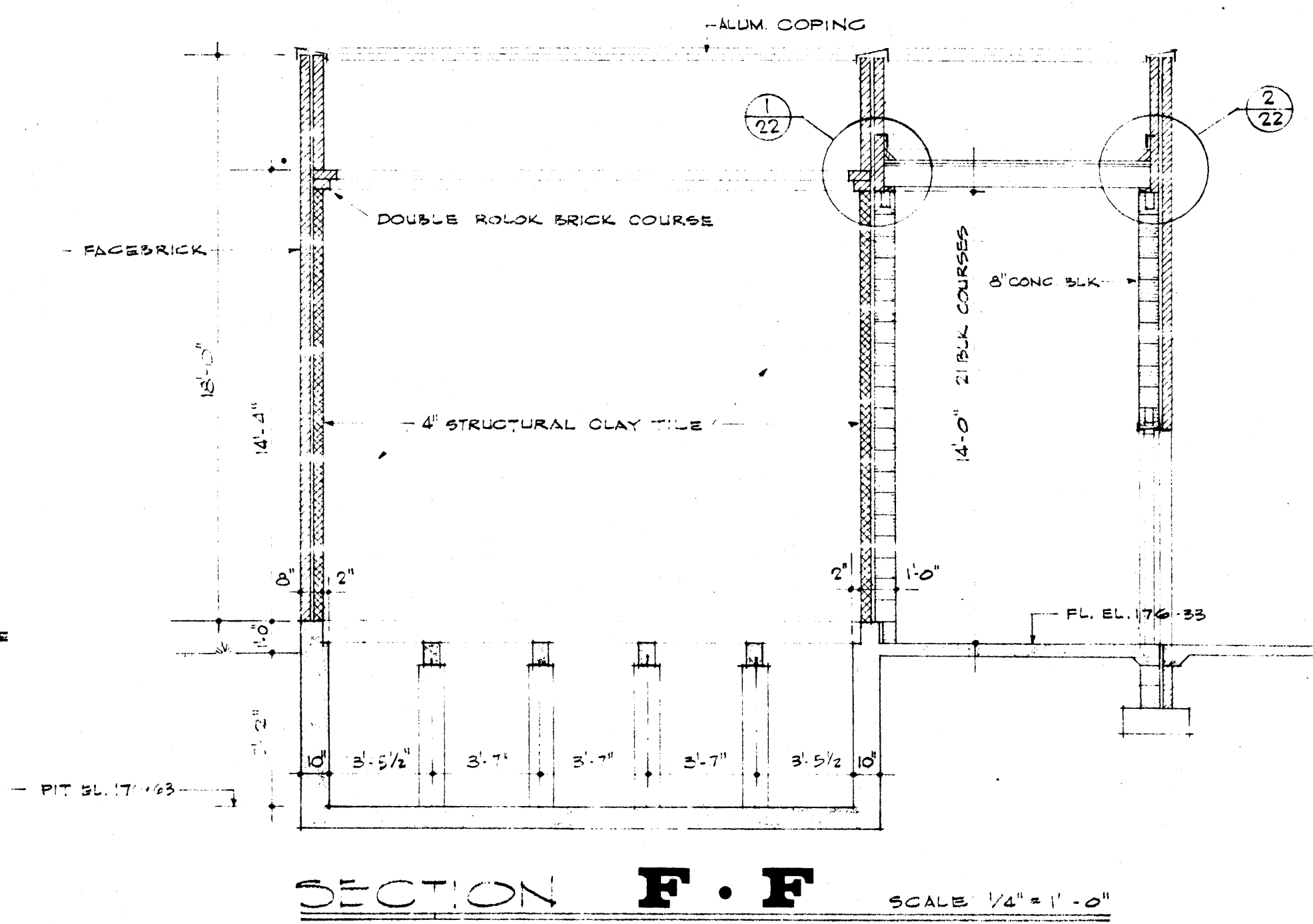
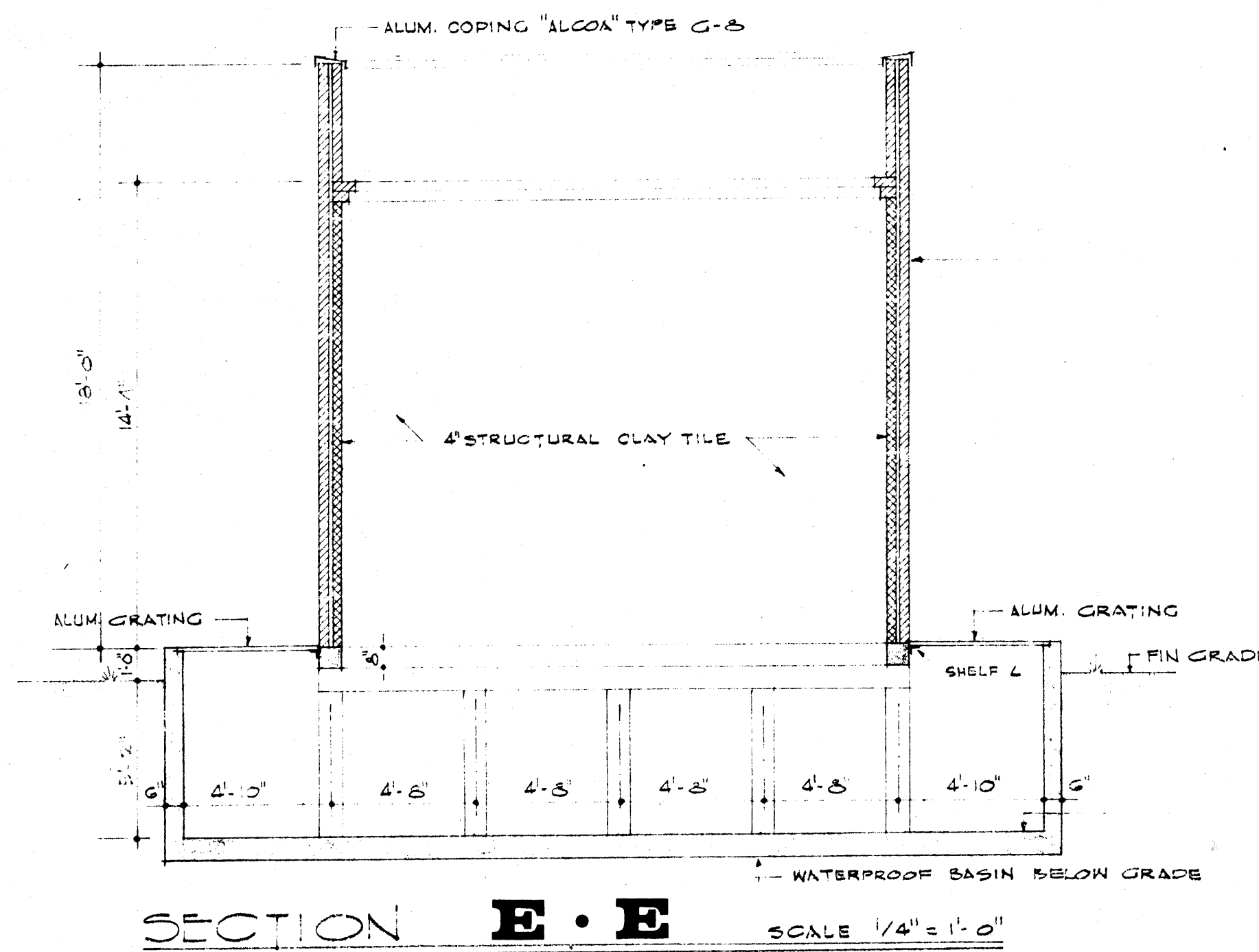
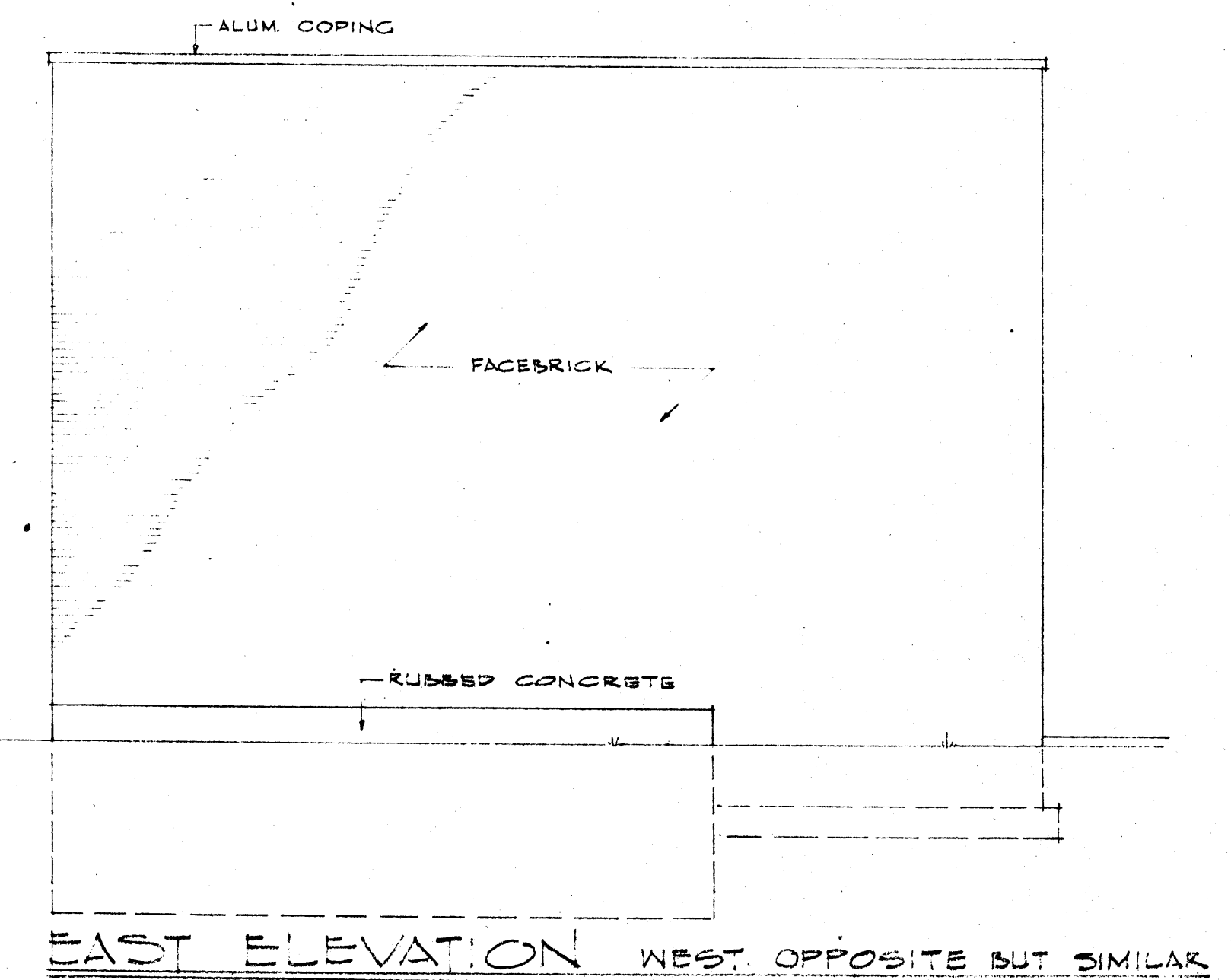
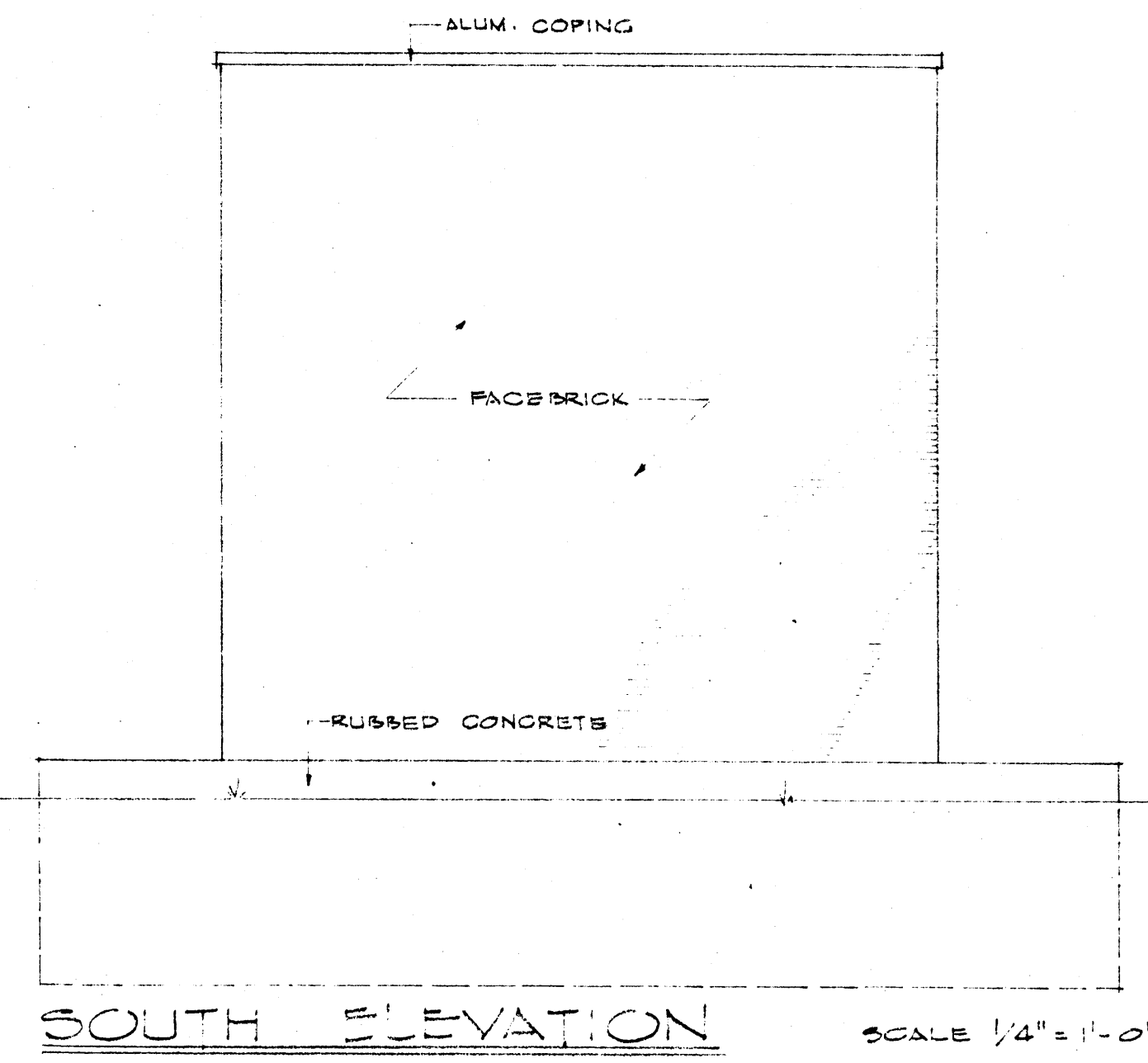
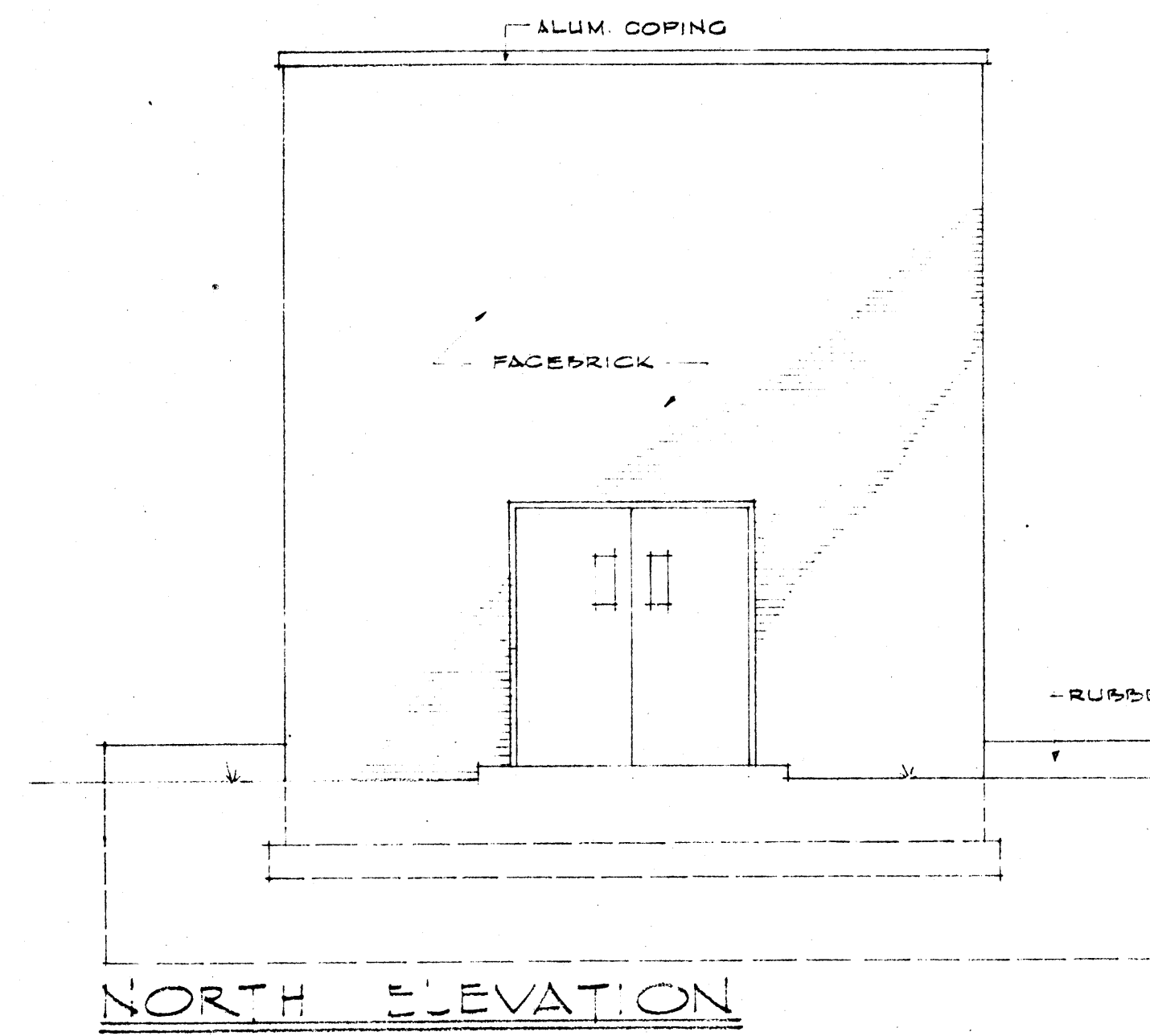
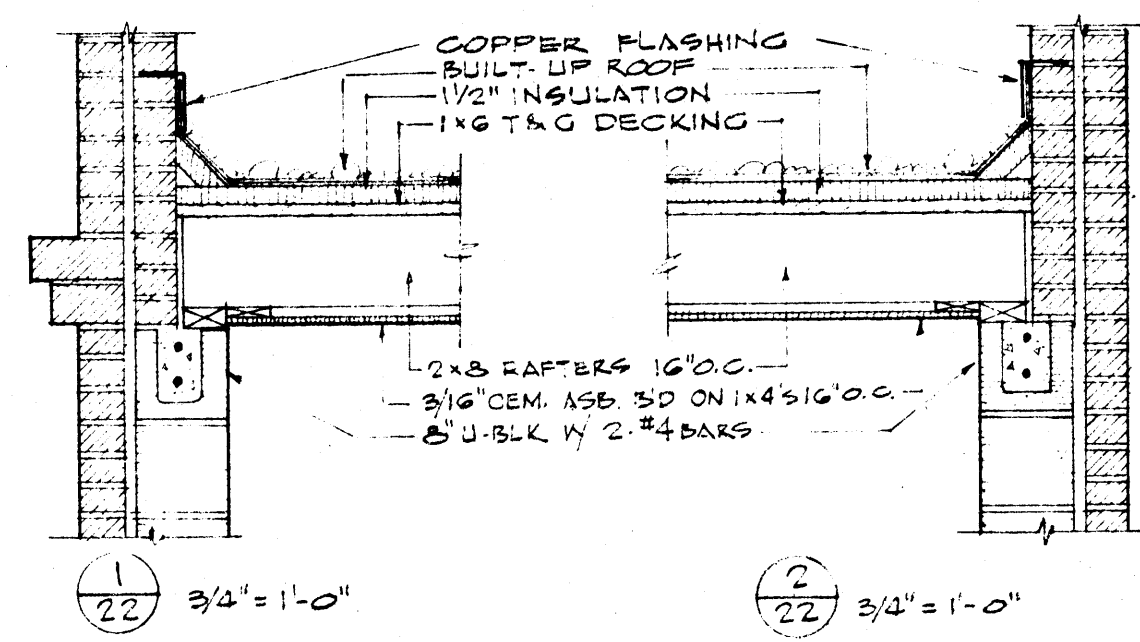
FOURTH FLOOR REFLECTED CEILING PLAN SCALE 1/8" = 1'-0"

A SHEET No. A-13

A



	DATE 6-21-66	LABORATORY SCIENCES BUILDING ARKANSAS COLLEGE STATE ARKANSAS JONESBORO, ARKANSAS PROJECT NO. APK. 5-1479	SHEET NUMBER A 21
	DRAWN BY CBB		STUCK, FRIER, LANE & SCOTT, INC., ARCHITECTS 601 SOUTHWEST DRIVE • JONESBORO, ARKANSAS
	CHECKED BY TSP		
	REVISIONS		

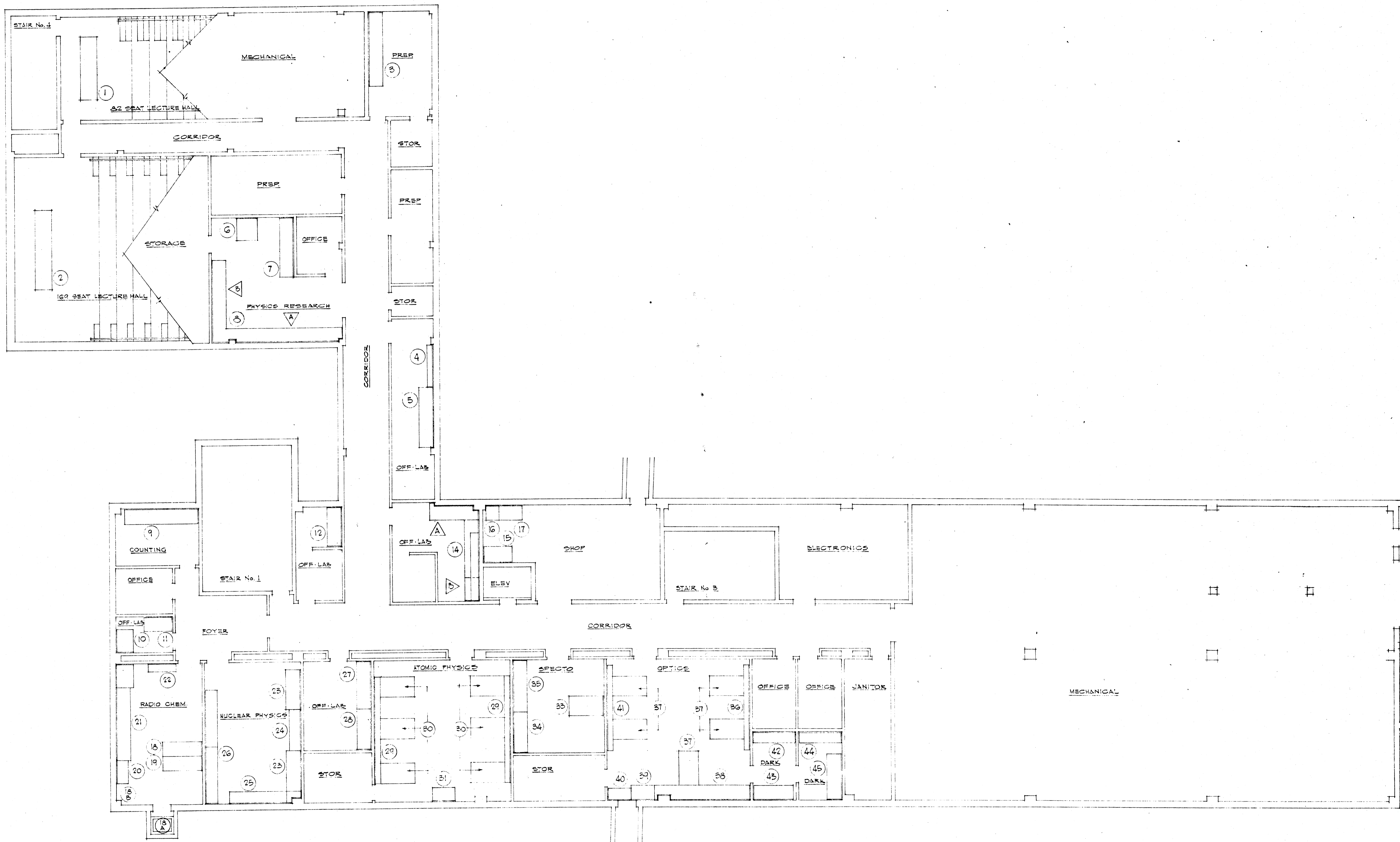


DATE	6-21-66
DRAWN BY	DBD
CHECKED BY	TJR
REVISIONS	

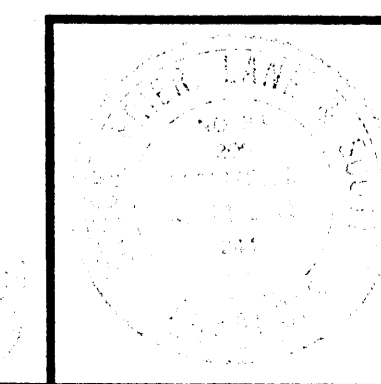
LABORATORY SCIENCES BUILDING
 ARKANSAS STATE COLLEGE
 JONESBORO, ARKANSAS
 PROJECT NO. ARK. 5-1479

STUCK, FRIER, LANE & SCOTT, INC., ARCHITECTS
 601 SOUTHWEST DRIVE • JONESBORO, ARKANSAS

SHEET NUMBER
A 22
 COMMISSION NUMBER
 43-066



BASEMENT FLOOR LABORATORY CASEWORK EQUIPMENT LAYOUT SCALE 1/8" = 1'-0"

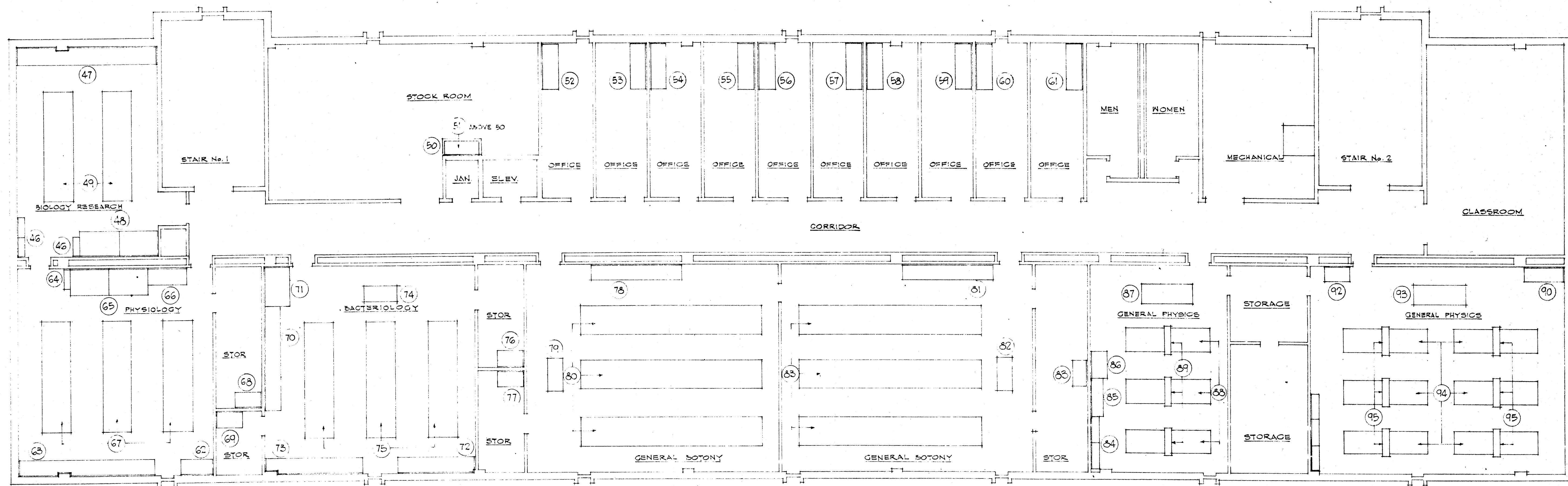


DATE	2-21-66
DRAWN BY	CSB
CHECKED BY	TEF
REVISIONS	

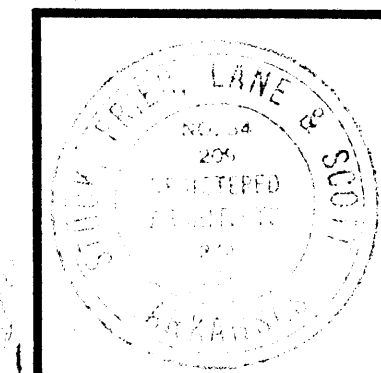
LABORATORY SCIENCES BUILDING
 ARKANSAS STATE COLLEGE
 JONESBORO, ARKANSAS
 PROJECT NO. ARK. 5-1479

STUCK, FRIER, LANE & SCOTT, INC., ARCHITECTS
 601 SOUTHWEST DRIVE • JONESBORO, ARKANSAS

SHEET NUMBER	A
	23
COMMISSION NUMBER	48066



N SECOND FLOOR LABORATORY CASEWORK EQUIPMENT LAYOUT SCALE 1/8" = 1'-0"

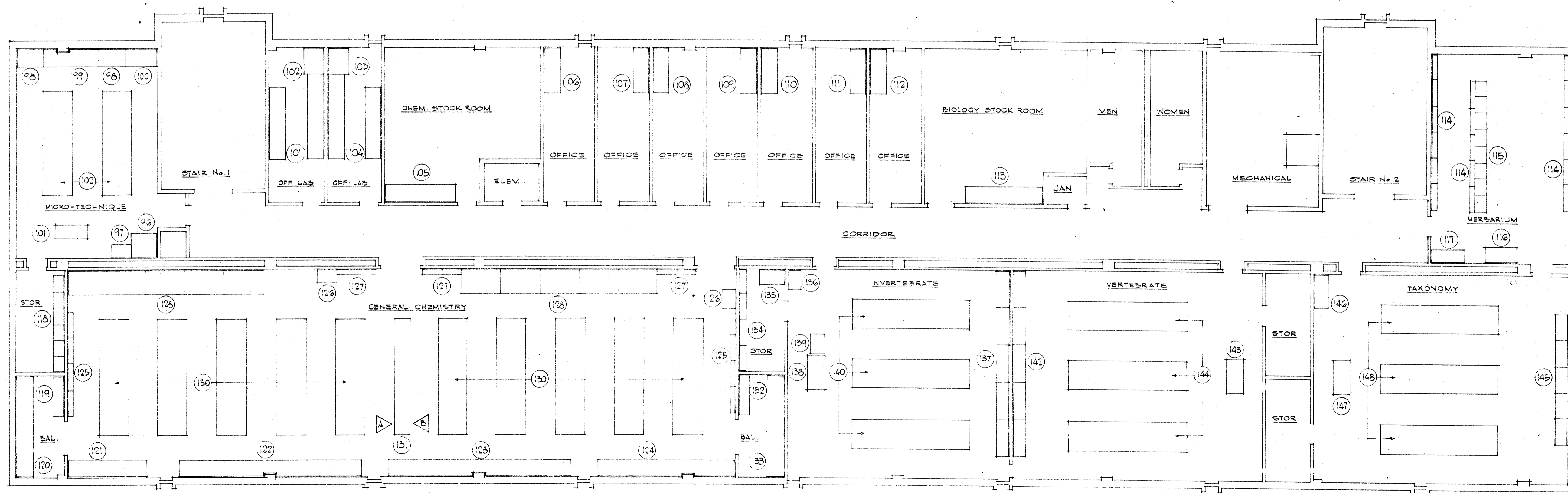


DATE	6-21-56
DRAWN BY	DES
CHECKED BY	T.F.
REVISIONS	

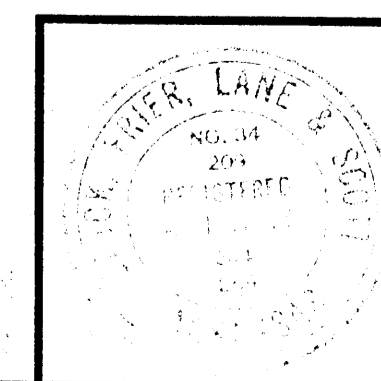
LABORATORY SCIENCES BUILDING
 ARKANSAS STATE COLLEGE
 JONESBORO, ARKANSAS
 PROJECT NO. ARK. 5-1479

STUCK, FRIER, LANE & SCOTT, INC., ARCHITECTS
 601 SOUTHWEST DRIVE • JONESBORO, ARKANSAS

SHEET NUMBER
A
24
 COMMISSION NUMBER
 43066



N → THIRD FLOOR LABORATORY CASEWORK EQUIPMENT LAYOUT SCALE 1/8" = 1'-0"

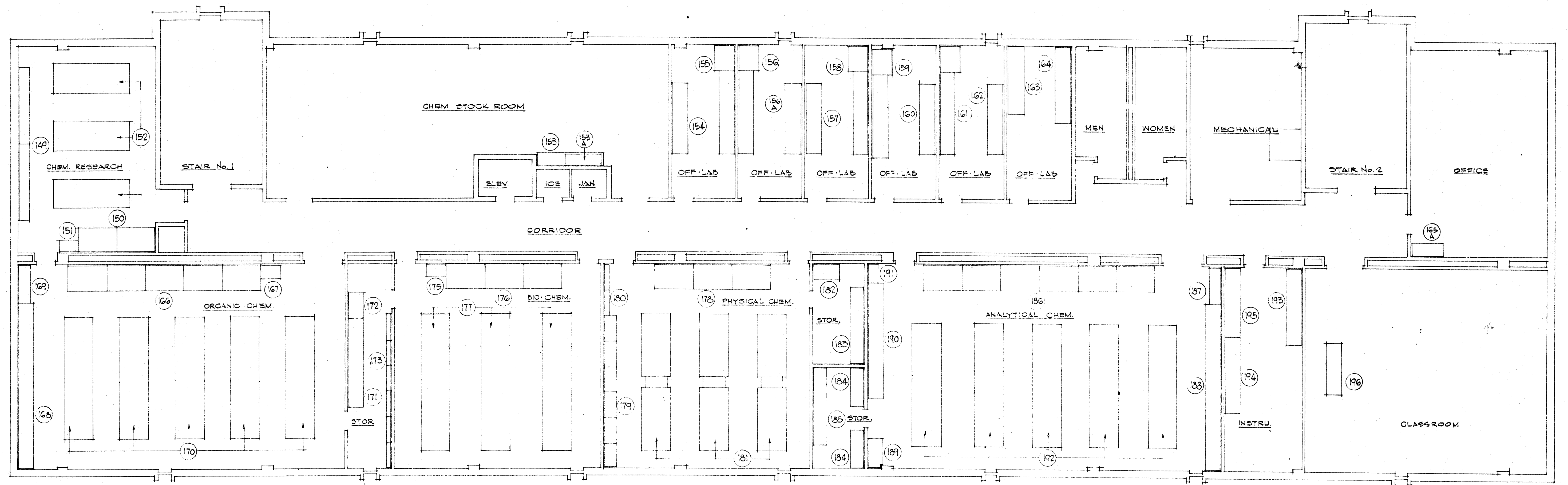


DATE	6-21-66
DRAWN BY	DES
CHECKED BY	T.F.F.
REVISIONS	

LABORATORY SCIENCES BUILDING
 ARKANSAS STATE COLLEGE
 JONESBORO, ARKANSAS
 PROJECT NO. ARK. 5-1479

STUCK, FRIER, LANE & SCOTT, INC., ARCHITECTS
 601 SOUTHWEST DRIVE • JONESBORO, ARKANSAS

SHEET NUMBER
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25
 COMMISSION NUMBER
 43066



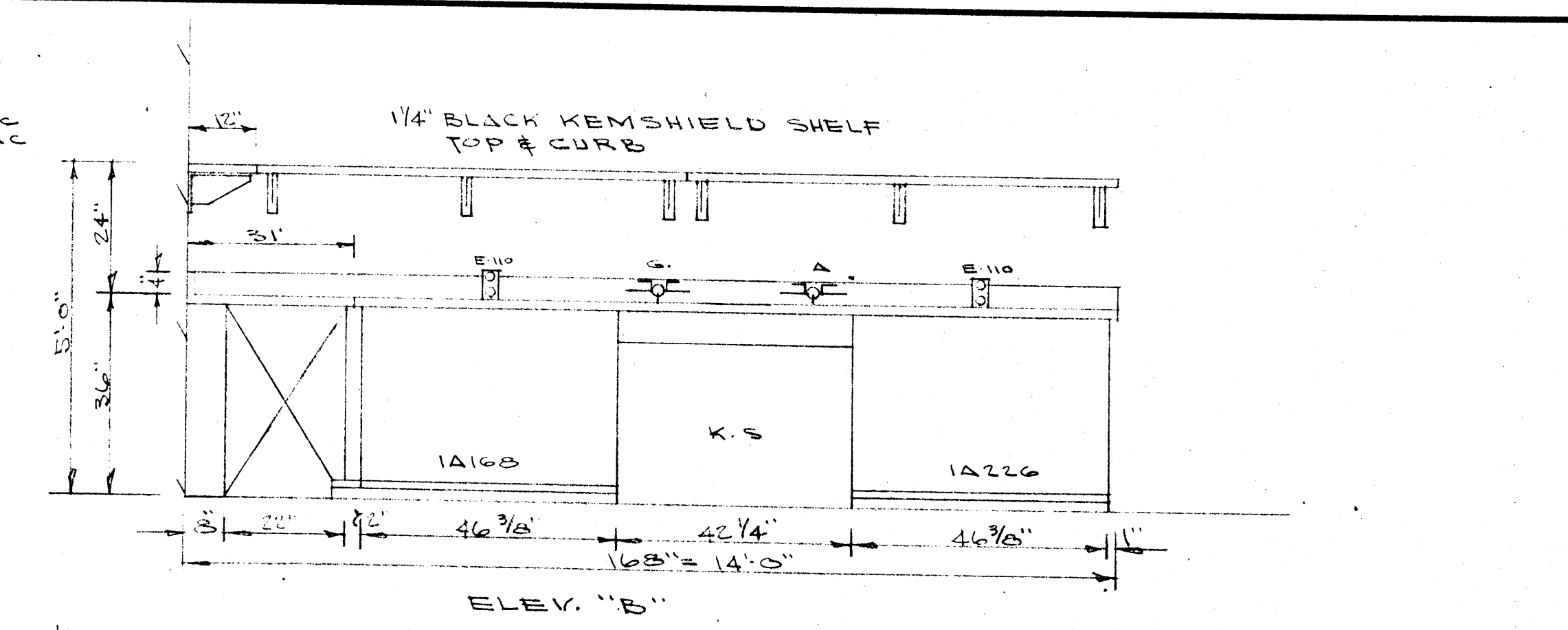
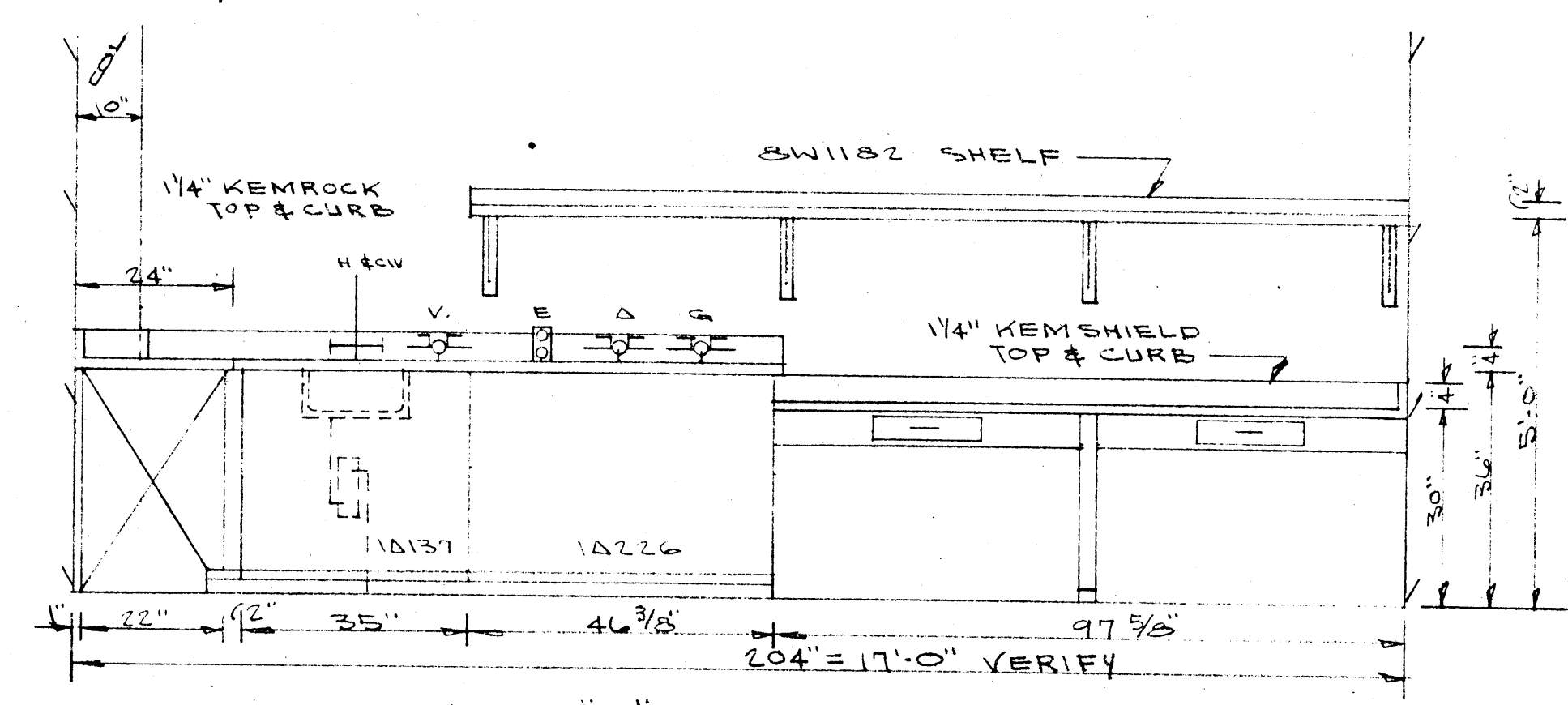
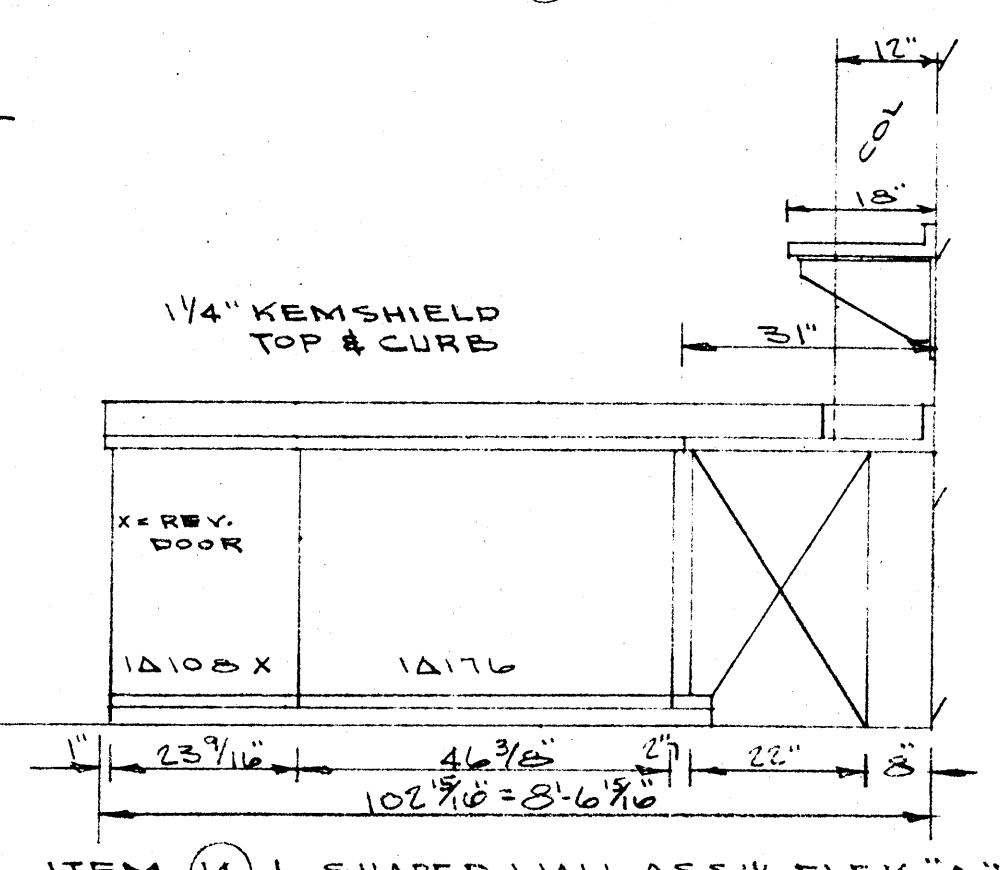
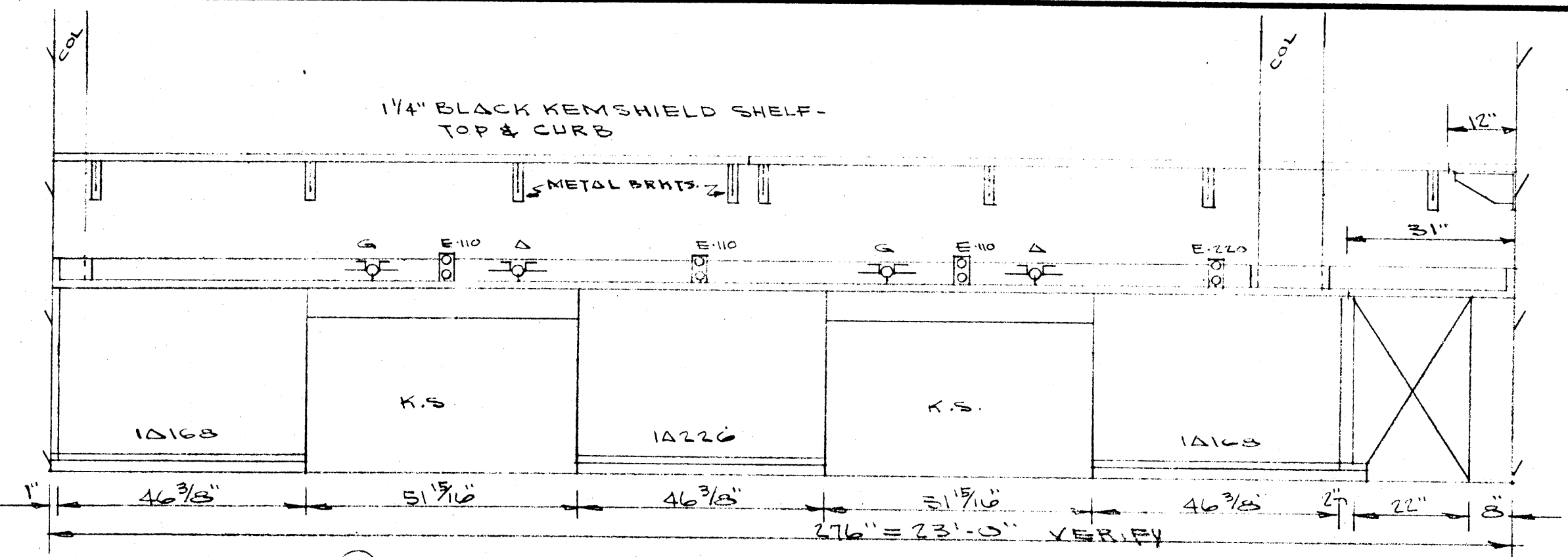
N → FOURTH FLOOR LABORATORY CASEWORK EQUIPMENT LAYOUT SCALE 1/8" = 1'-0"

	DATE	6-21-66	LABORATORY SCIENCES BUILDING ARKANSAS COLLEGE JONESBORO, ARKANSAS STATE PROJECT NO. ARK. 5-1479	A 26
	DRAWN BY	DEB		
	CHECKED BY	TFP		
	REVISIONS			
STUCK, FRIER, LANE & SCOTT, INC., ARCHITECTS 601 SOUTHWEST DRIVE • JONESBORO, ARKANSAS			COMMISSION NUMBER	45066

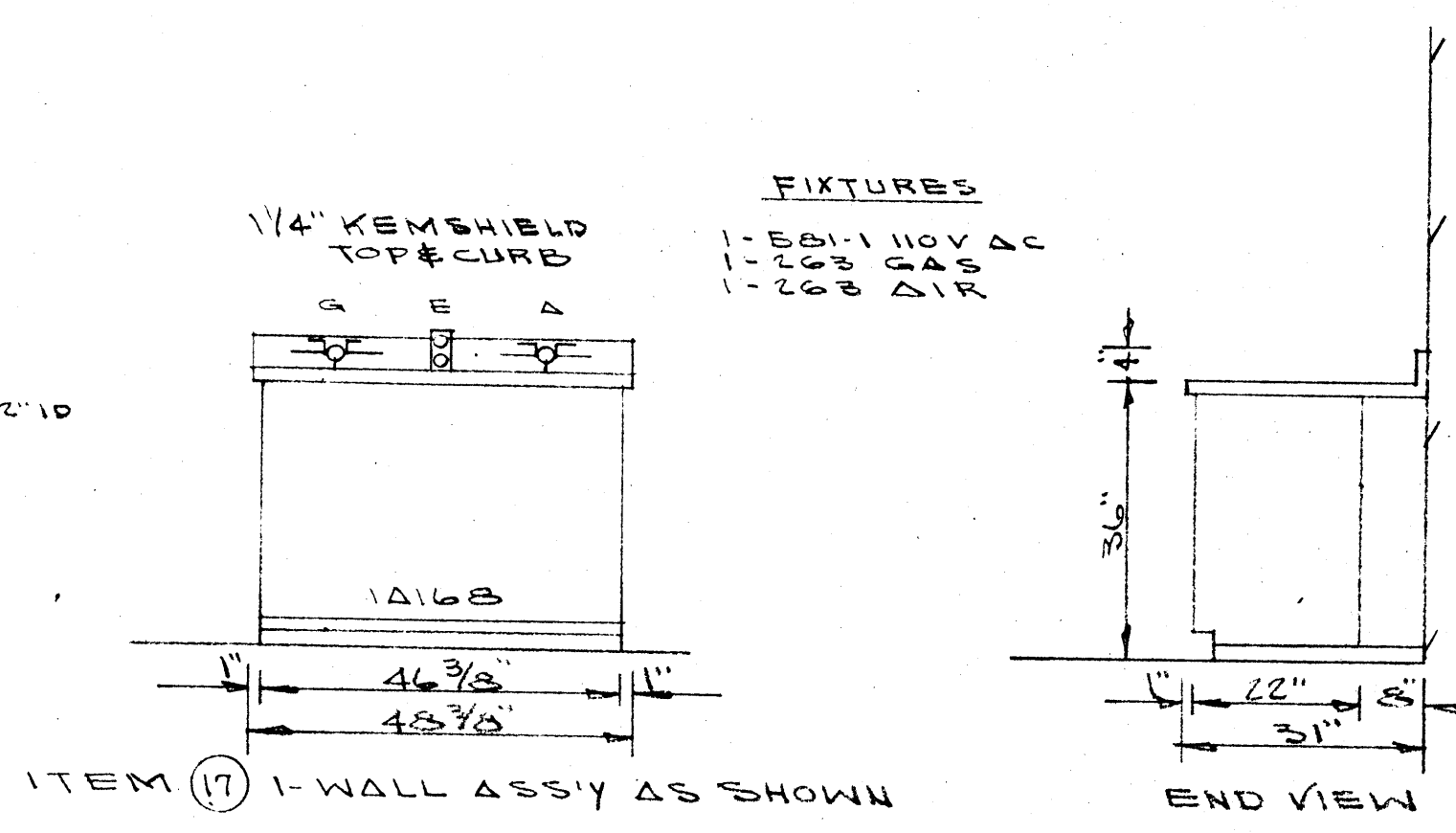
- ITEM 1 1-SW1340X LECTURE DEMONSTRATION TABLE. OMIT ONE MOVABLE TABLE OVERALL LENGTH 11'-1"
- " 2 1-SW1340 LECTURE DEMONSTRATION TABLE
- " 3 1-SW1344 RESEARCH WALL TABLE
- " 4 1-SW1477 SERVICE TABLE X=ADD 2-F263 AIR
- " 5 1-SW1333 RESEARCH WALL TABLE
- " 6 1-SW1353 DISTILLATION BENCH
- " 7 1-SW1357 RESEARCH WALL TABLE

- ITEM 4 1-SW1950X COUNTING BENCH-X=OMIT BASE - UNITS & ADD 1A31 BASE UNITS
- " 10 1-2W1314 FUME HOOD
- " 11 1-SW1387X WALL TABLE ASSY-X=OMIT 1- UNIT & ADD LEGS W/ST. TOP
- " 12 1-SW1387 WALL TABLE ASSY
- " 13 OMITTED

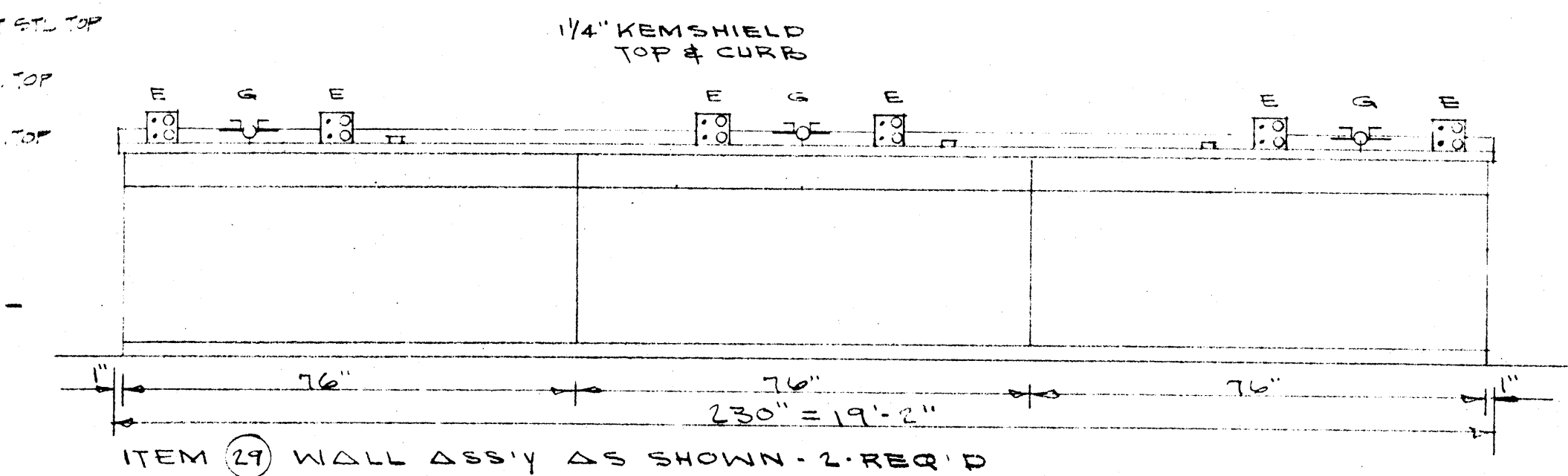
- ITEM 15 1-SW1491 GLASS BLOWING TABLE
- " 16 1-1D202 WALL SINK
- ITEM 18 1-SW1456X PREPARATION TABLE W/ST. TOP
- " 19 1-SW1950 CHANNEL & PIPE STORAGE RACK
- ITEM 20 1-SW1965 HYDRAULIC LIFT-NOT SHOWN ON FR
- " 21 1-SW1973X CHEMICAL PREPARATION BENCH W/ST. TOP
- " 22 1-SW1973D STORAGE COUNTER ASSY
- " 23 1-SW1950X RESEARCH WALL TABLE PROVIDE CN1614, 353, 354, 355 FILTER SYSTEM W/ST. TOP
- " 24 1-SW1042X SCIENCE & UTILITY TABLE W/ST. TOP
- " 25 2-SW1387X WALL TABLE ASSY'S W/ST. TOP
- " 26 1-SW1360X " " ASSY W/ST. TOP
- " 27 1-SW1235 STORAGE & DISPLAY CASE
- " 28 2-SW1184X UTILITY TABLE'S W/ST. TOP
- " 29 1-SW1340 WALL TABLE ASSY & 1-SW1182 - WALL MOUNTED SHELF ABOVE.
- " 30 1-SW1366 WALL TABLE ASSY



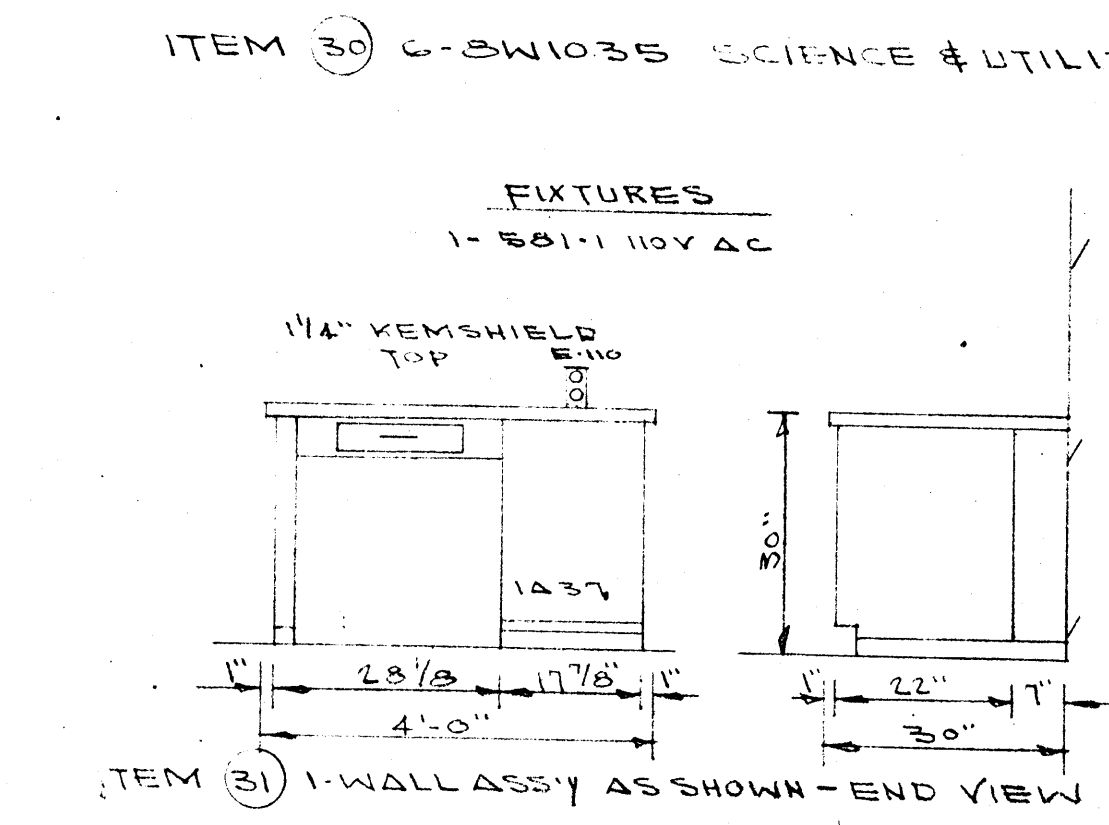
- FIXTURES**
- 1-340 H&CIV
 - 1-581-1 110V AC
 - 1-263 GAS
 - 1-263 AIR
- PLUMBING**
- 1-1008 KEMRESIN SINK 10" X 8" X 12" ID



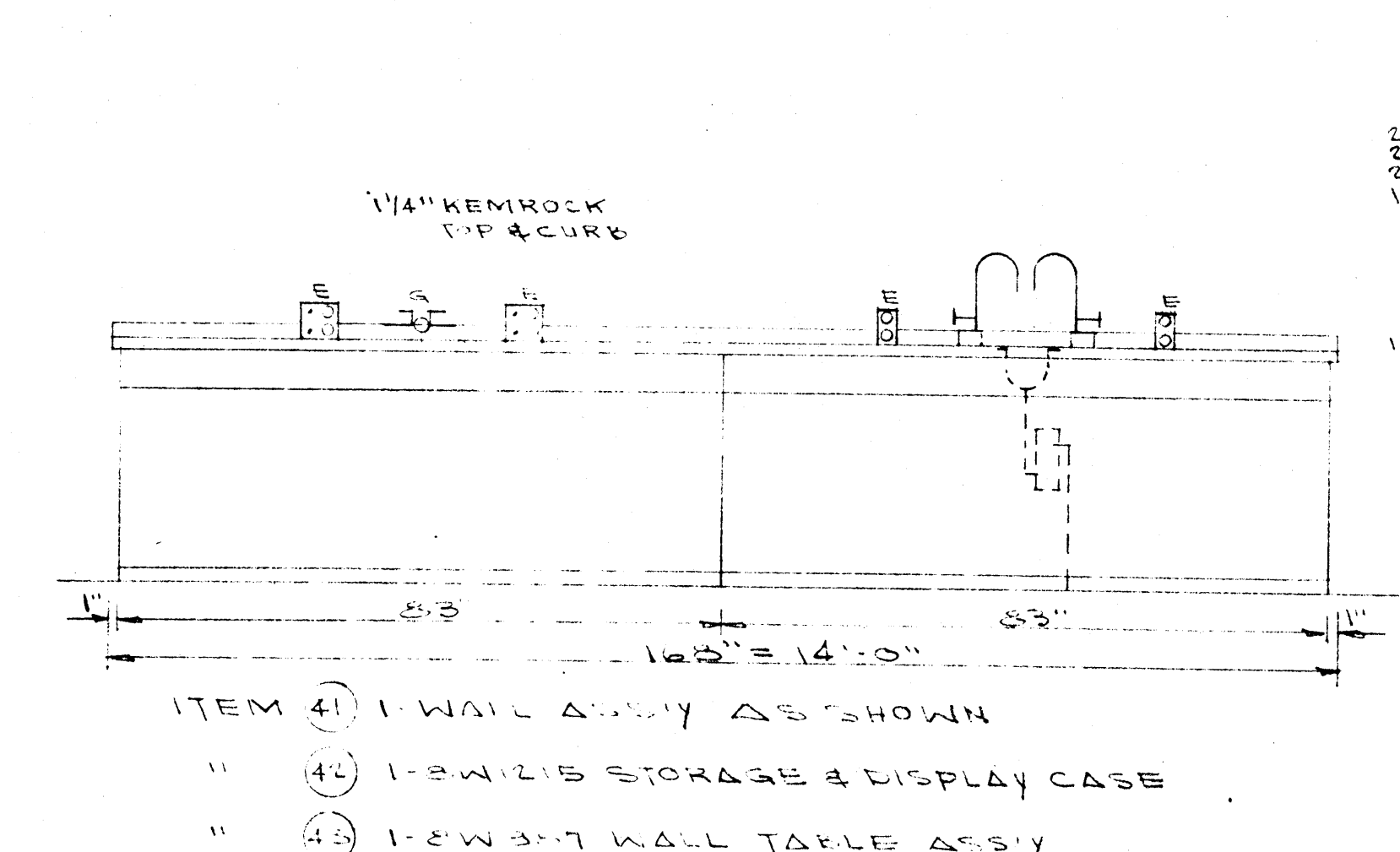
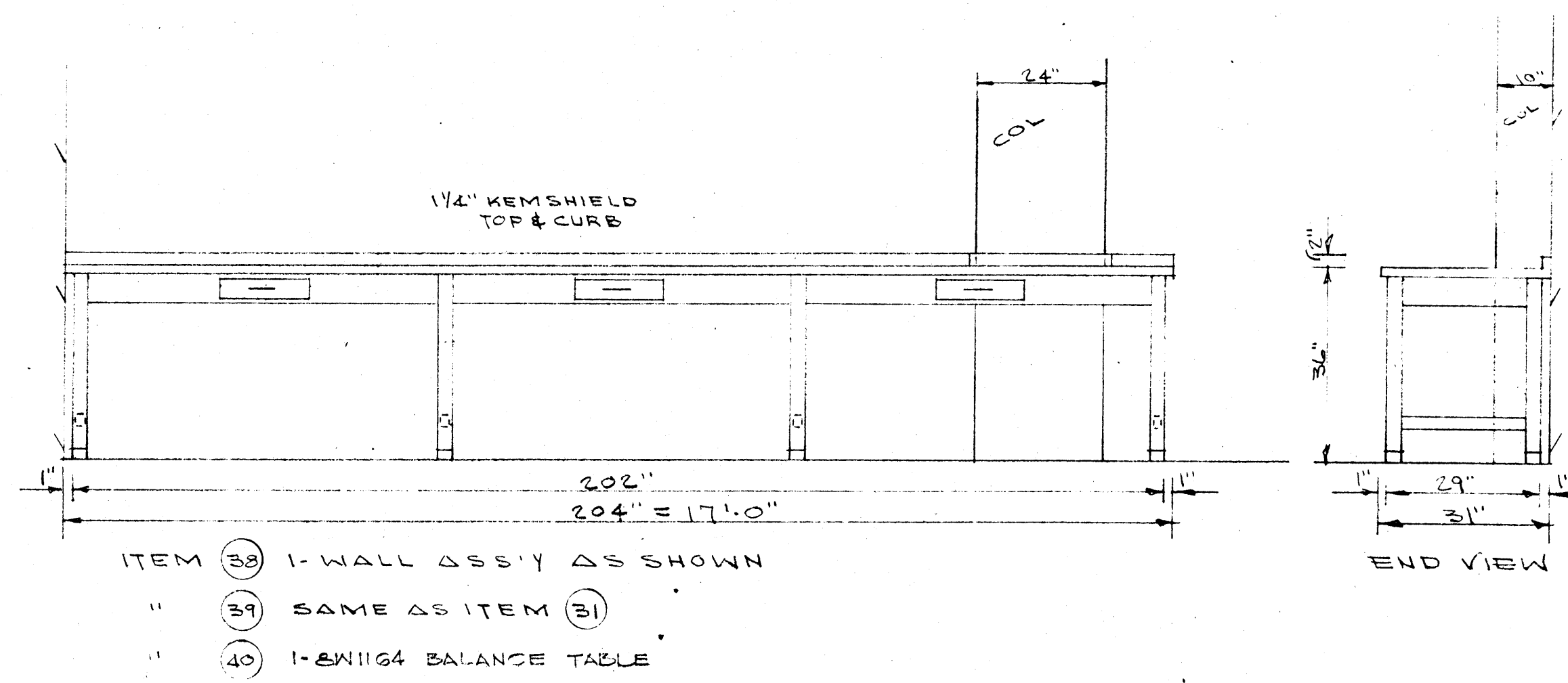
- ITEM 29 1-WALL ASSY AS SHOWN - 2 REQ'D
- " 31 1-WALL ASSY AS SHOWN - END VIEW
- " 32 OMITTED
- " 33 1-SW1366 DISTILLATION BENCH
- " 34 1-SW1366 WALL TABLE ASSY
- " 35 1-SW1366X WALL TABLE ASSY-X=10'-0" LONG- & 1-SW1182 SHELF ABOVE
- " 36 SAME AS ITEM (29) EXCEPT 15'-0" LONG & OMIT DUCT OUTLET VALVE. 1-ASSY REQ'D
- " 37 5-SW1109 SCIENCE & UTILITY TABLES



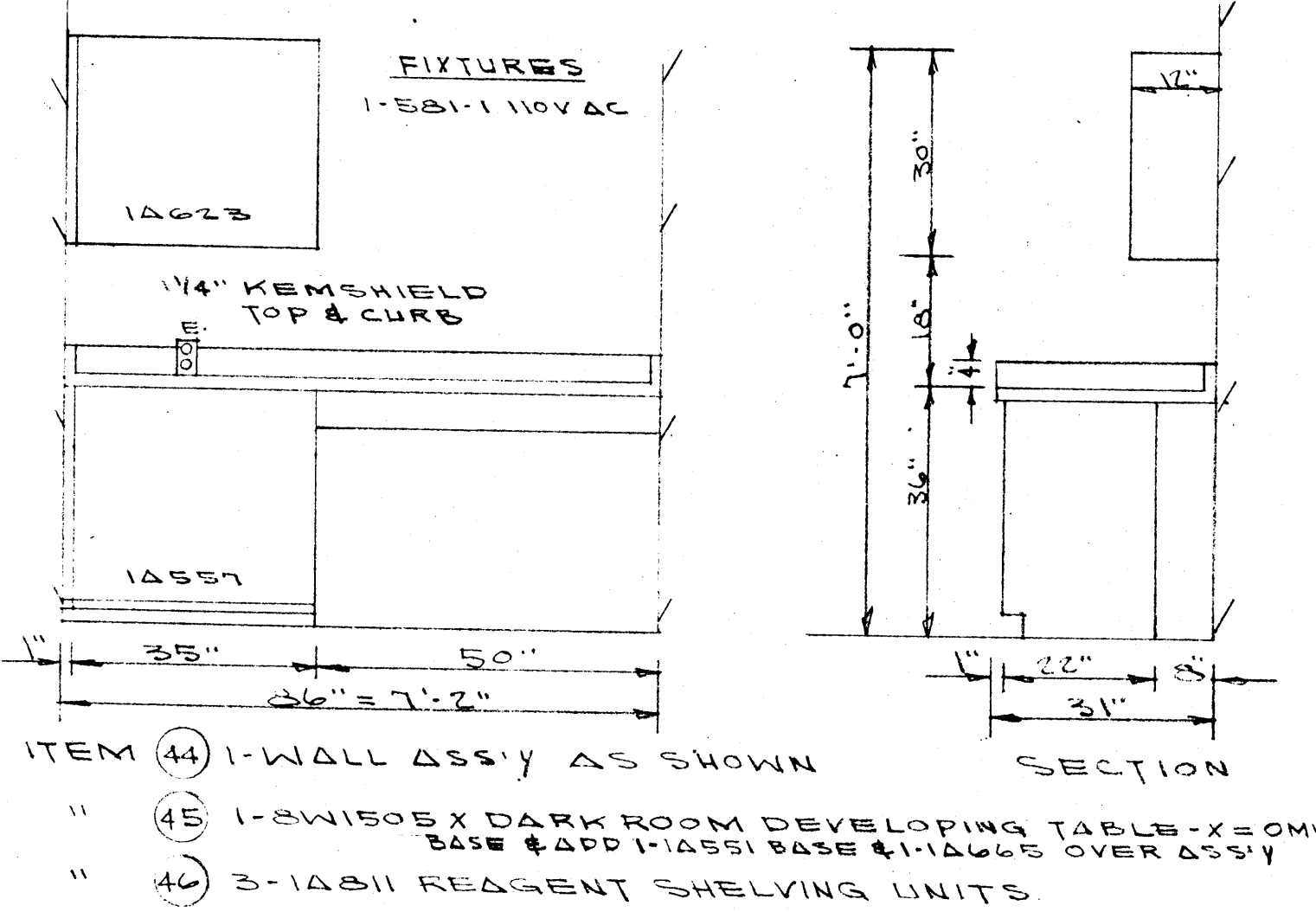
- FIXTURES**
- 3-263 GAS
 - 2-816-7
 - 3-861 DUCT OUTLET VALVE



- FIXTURES**
- 1-581-1 110V AC



- FIXTURES**
- 2-273-2 COMB FIX.
 - 2-581-1 110V AC
 - 1-263 GAS
- PLUMBING**
- 1-413 CUP SINK



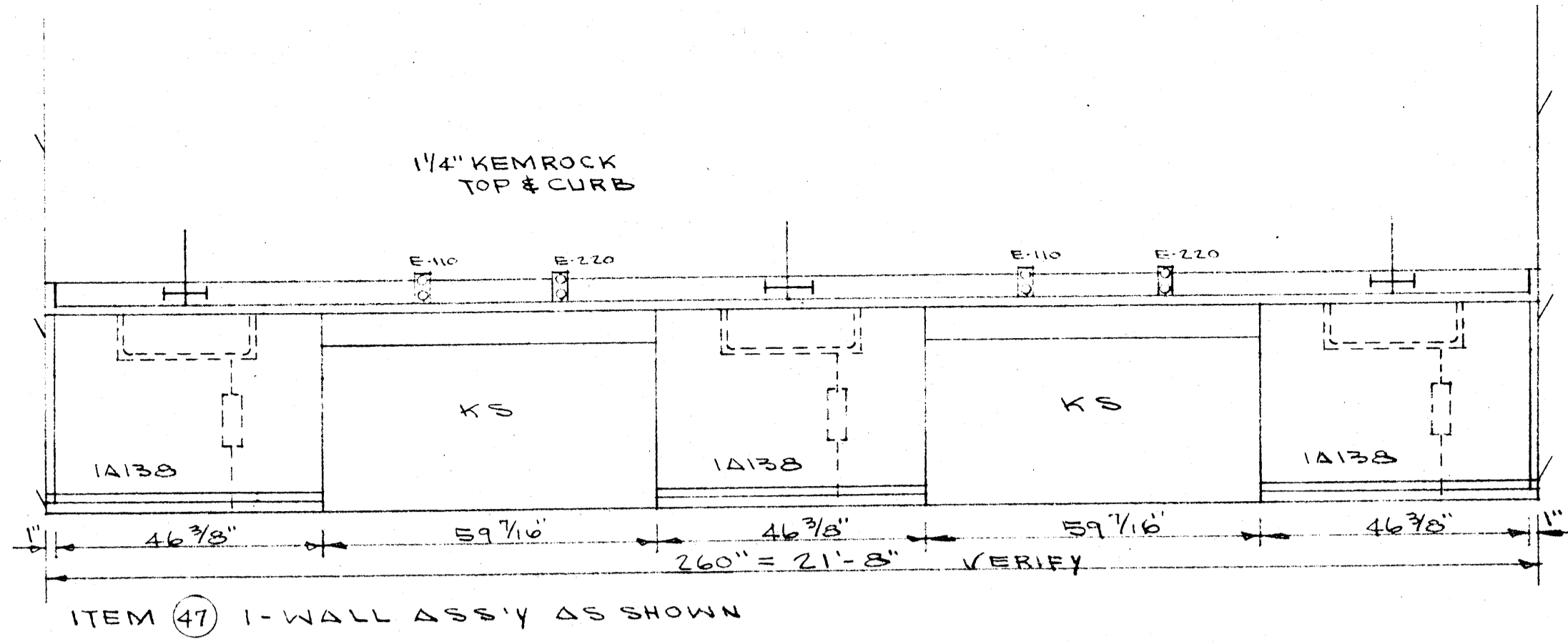
- ITEM 38 1-WALL ASSY AS SHOWN
- " 39 SAME AS ITEM (31)
- " 40 1-SW1164 BALANCE TABLE

- ITEM 41 1-WALL ASSY AS SHOWN
- " 42 1-SW1235 STORAGE & DISPLAY CASE
- " 43 1-SW1387 WALL TABLE ASSY

- ITEM 44 1-WALL ASSY AS SHOWN
- " 45 1-SW1505X DARK ROOM DEVELOPING TABLE-X=OMIT BASE & ADD 1-A551 BASE & 1-A665 OVER ASSY
- " 46 3-1A811 REAGENT SHELVING UNITS

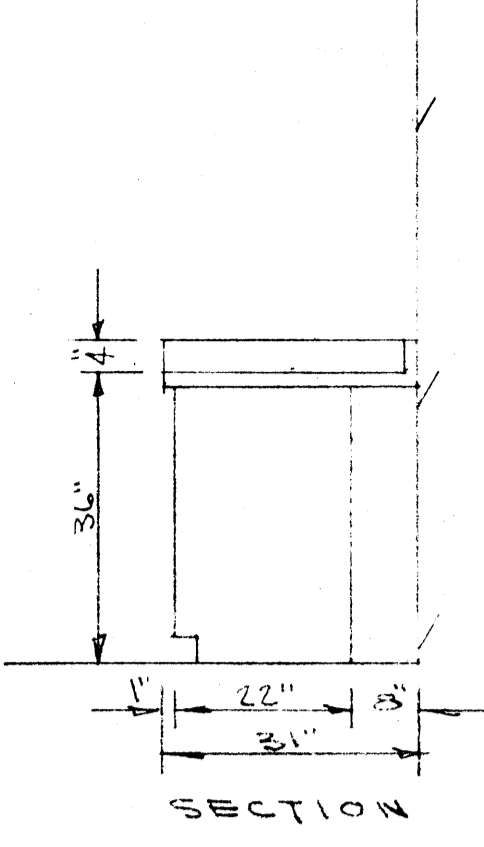
SCALE 1/2" = 1'-0"
ALL DIM EQUIPMENT TO BE VERIFIED

	DATE	G-2-66	LABORATORY SCIENCES BUILDING ARKANSAS STATE COLLEGE JONESBORO, ARKANSAS PROJECT NO. ARK. 51479	SHEET NUMBER	A 27	
	DRAWN BY			STUCK, FRIER, LANE & SCOTT, INC., ARCHITECTS 601 SOUTHWEST DRIVE • JONESBORO, ARKANSAS	COMMISSION NUMBER	42064
	CHECKED BY	TFP				
	REVISIONS					

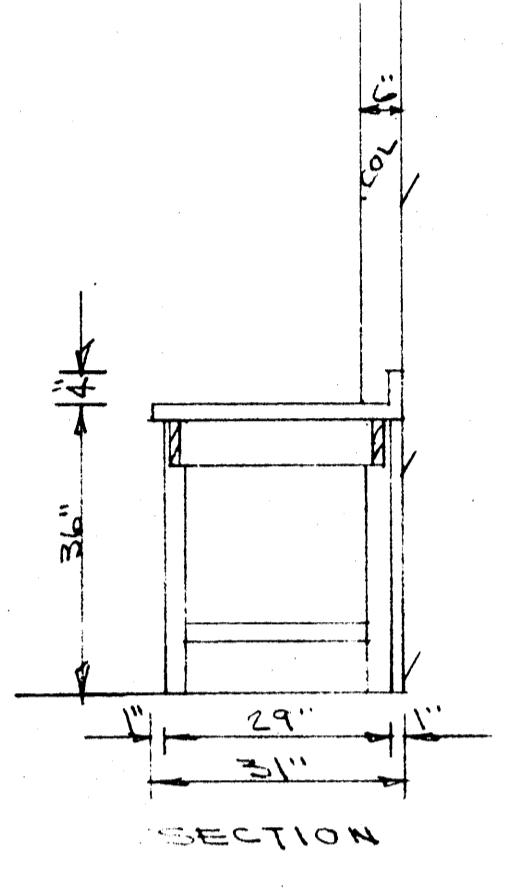
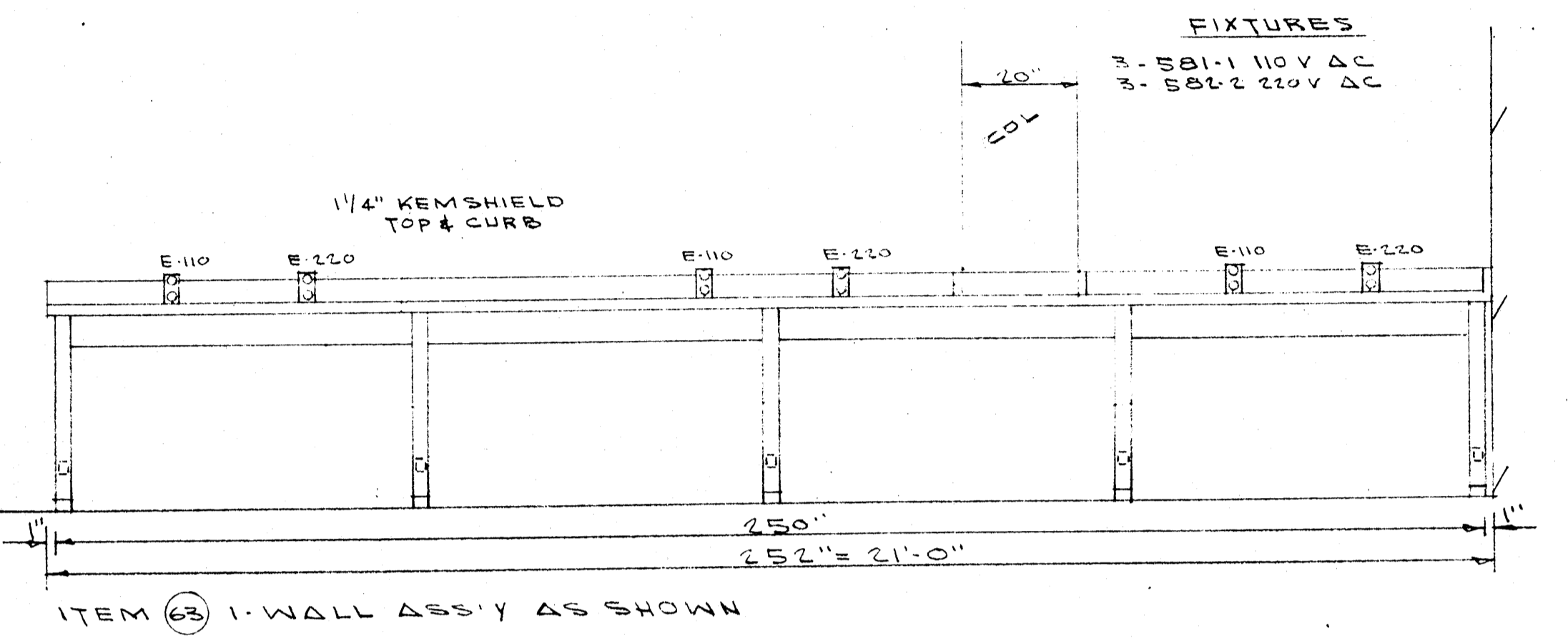
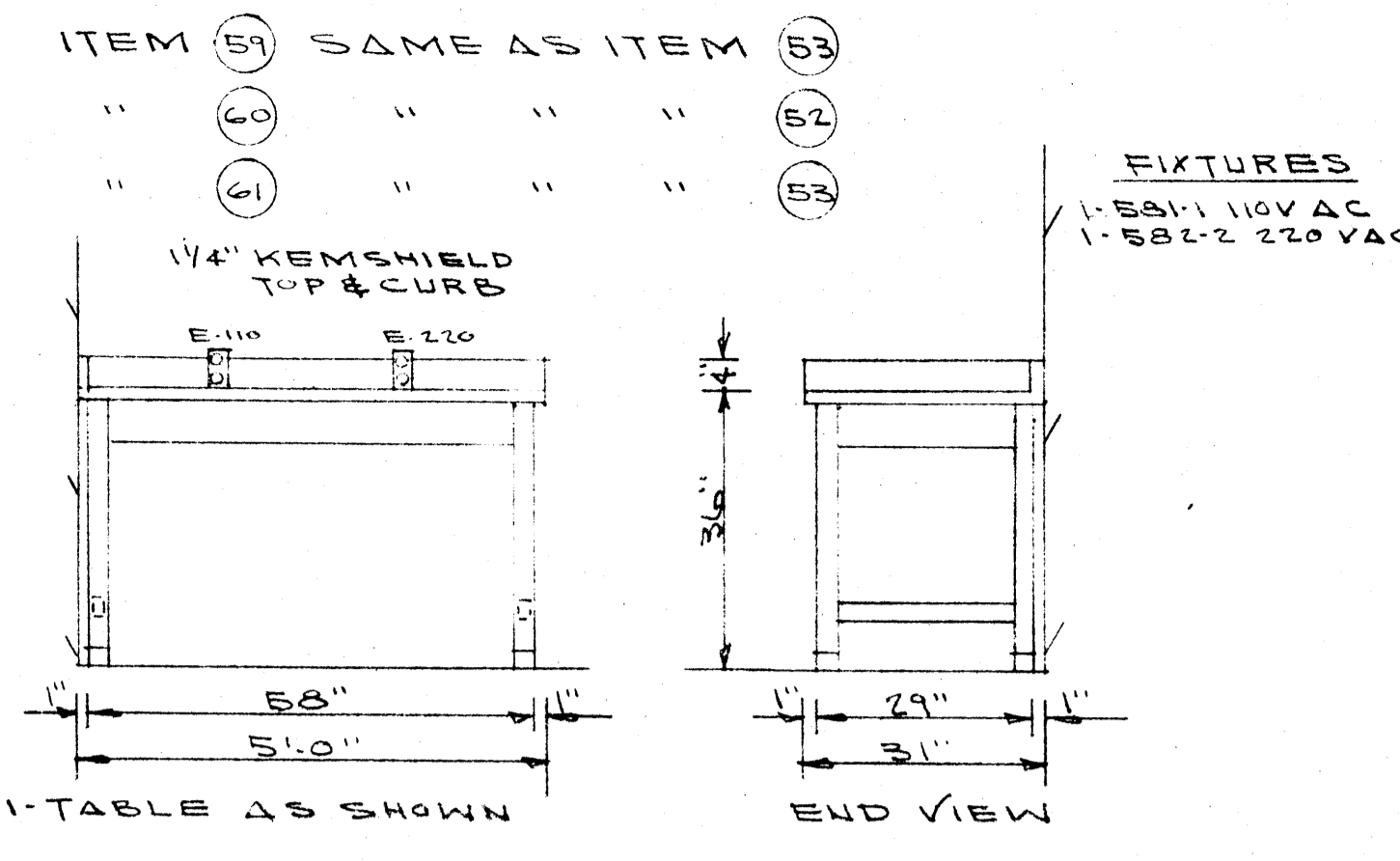


FIXTURES
 2-340 H&CW
 2-581-1 110V AC
 1-582-2 220V AC

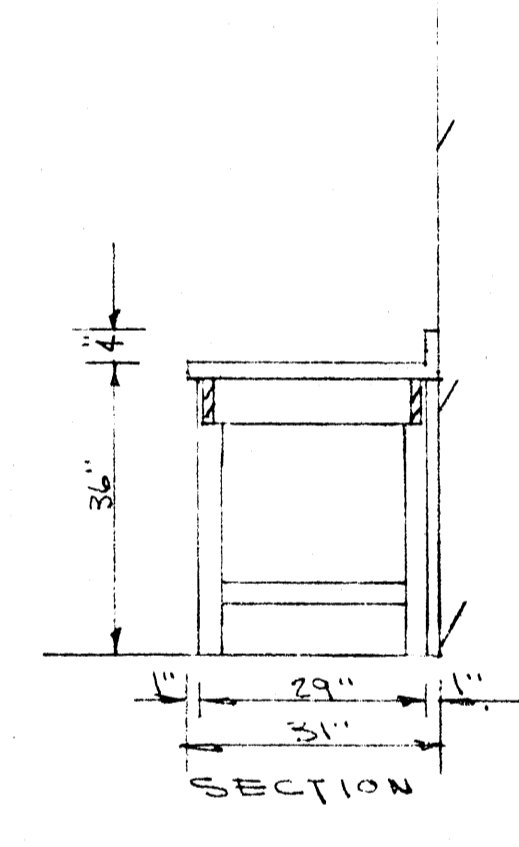
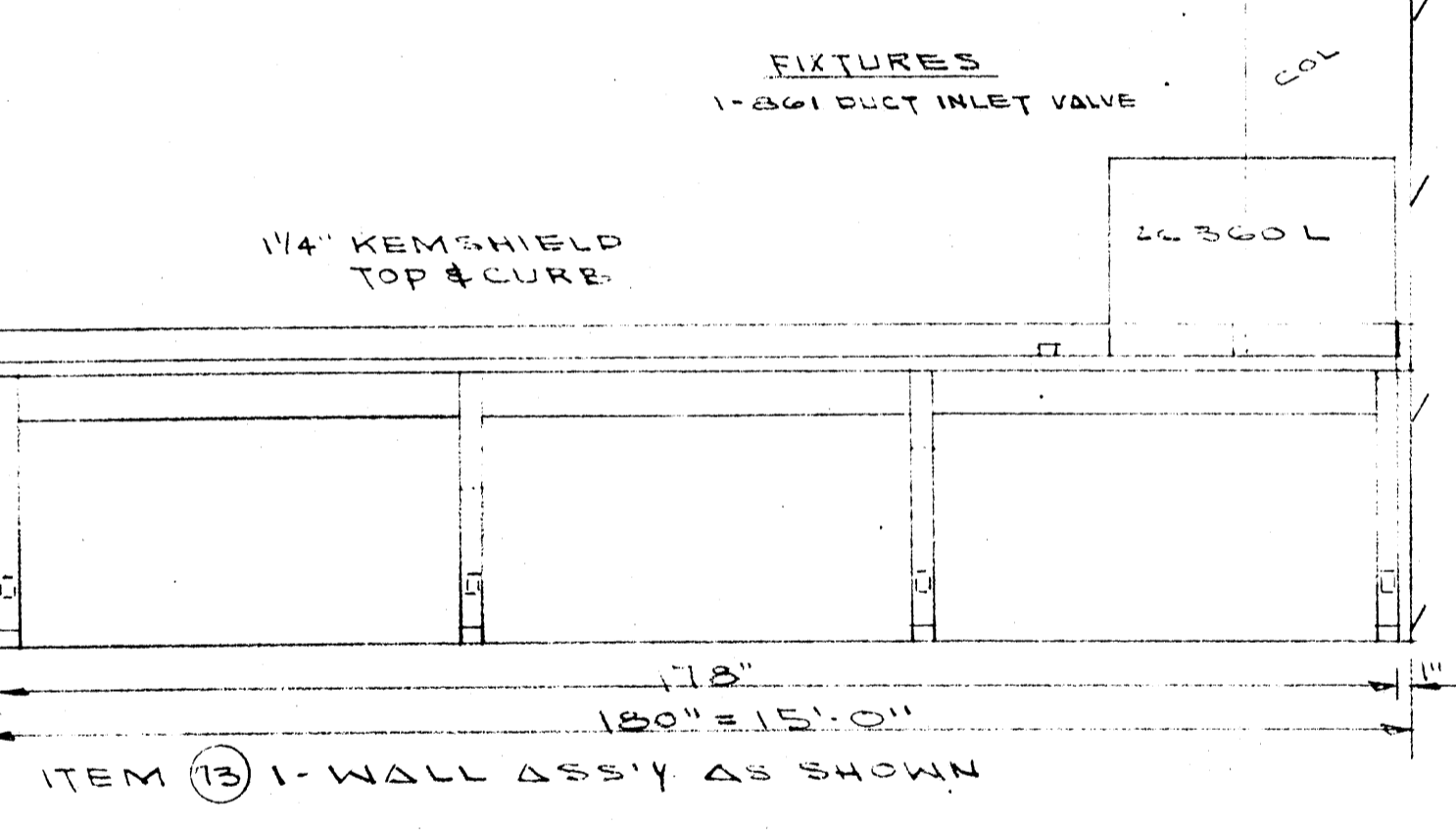
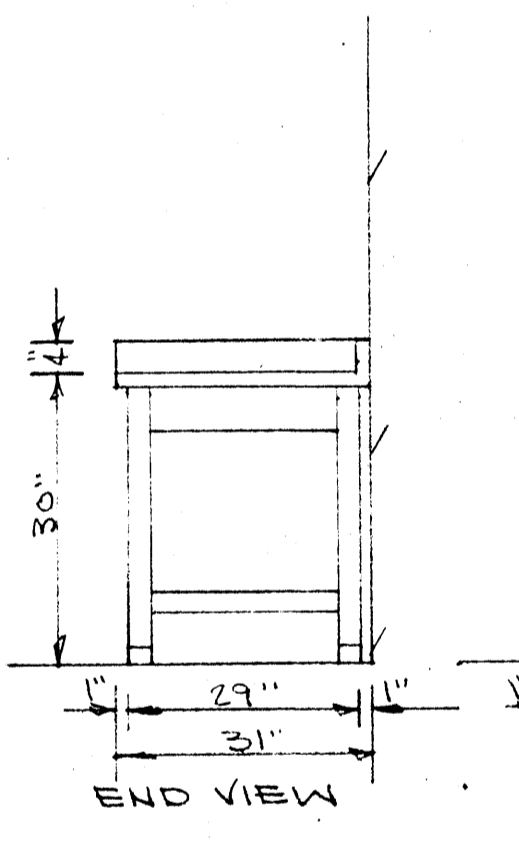
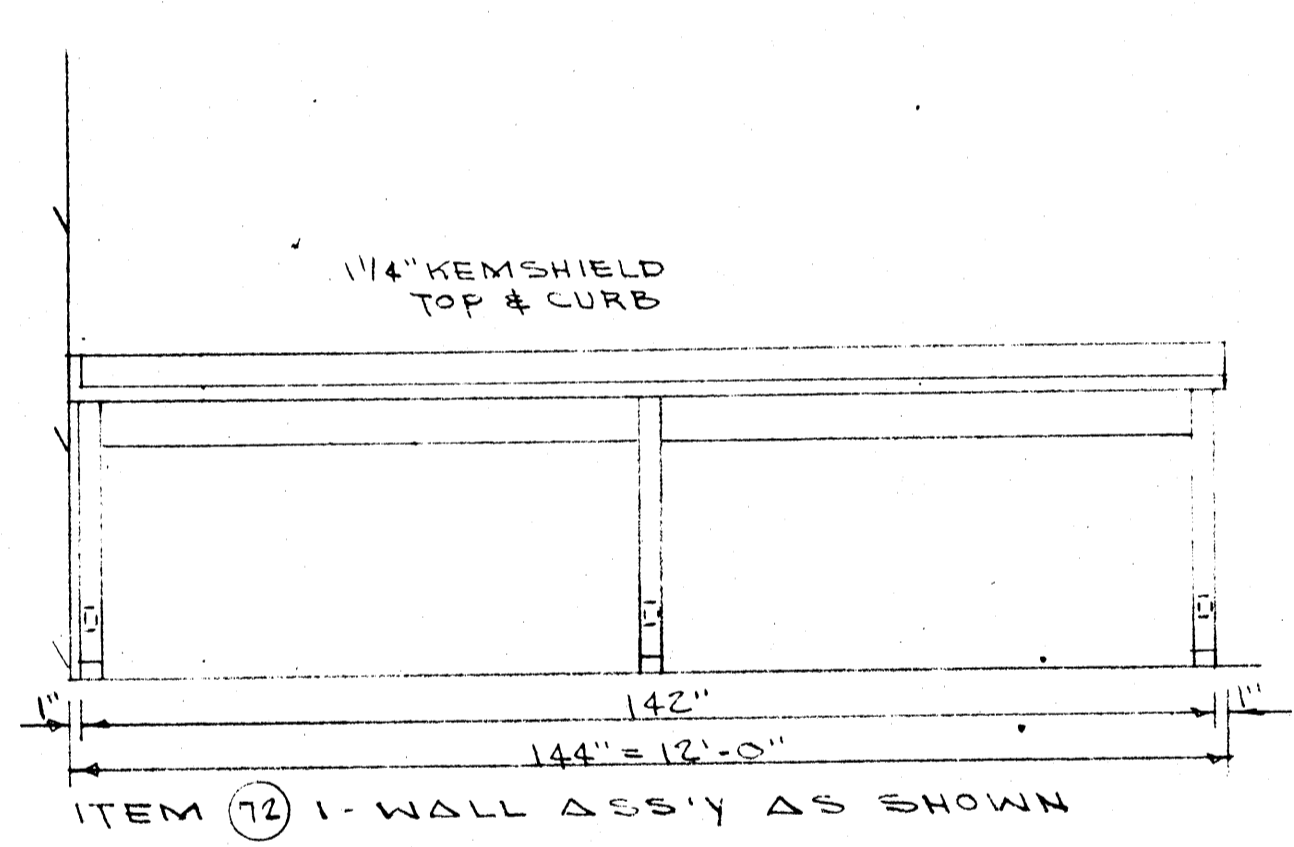
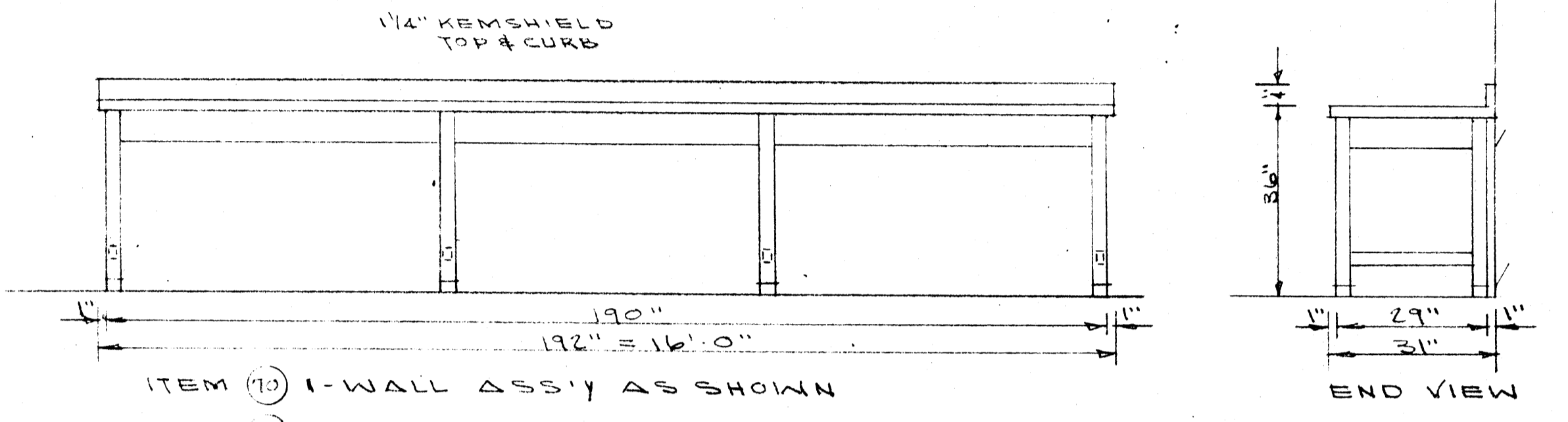
PLUMBING
 3-1007 KEMRESIN SINKS
 24\"/>



- ITEM 48 2-2W1916 KR FUME HOODS
- " 49 2-2W215X CHEMISTRY TABLES-X=OMIT SINK & STEAM-#ADD 1-#1D235B END SINK
- " 50 1-1D376 WALL WASH-UP SINK
- " 51 1-#01044 BARNSTEAD STILL & TANK COMBINATION BY OWNER
- " 52 1-3W857X RESEARCH WALL TABLE-X=OMIT DESK & REVERSE 432Y & W/1-1D1916 PEGBOARD
- " 53 1-3W857X RESEARCH WALL TABLE-X=OMIT DESK & W/1-1D1916 PEGBOARD
- " 54 SAME AS ITEM 52
- " 55 " " " 53
- " 56 " " " 52
- " 57 " " " 53
- " 58 " " " 52

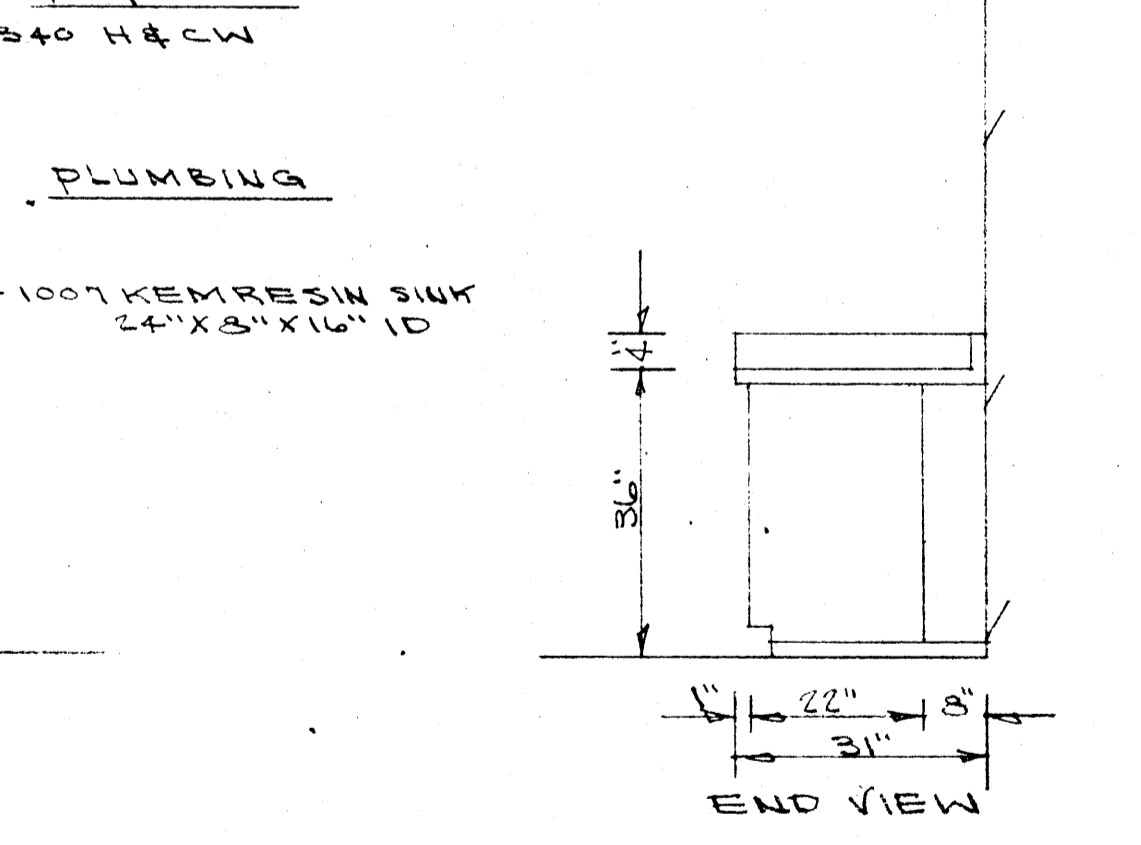
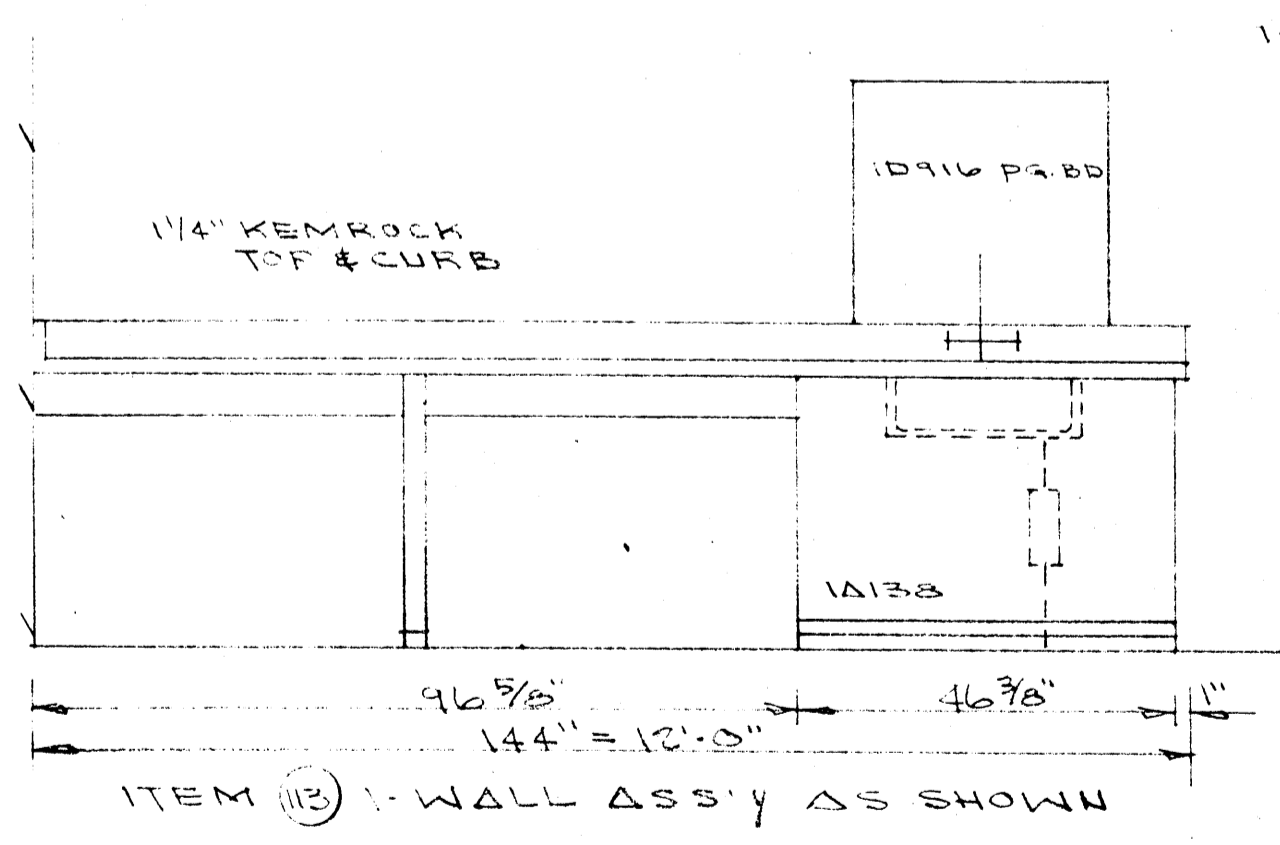
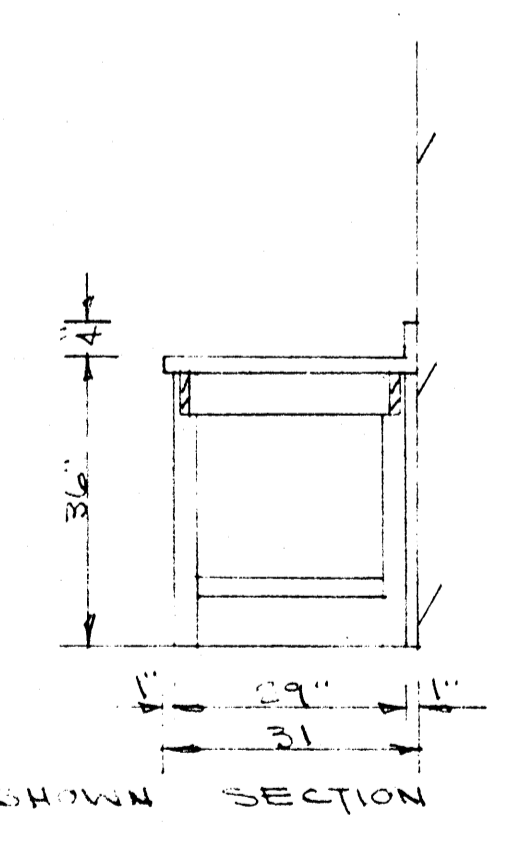
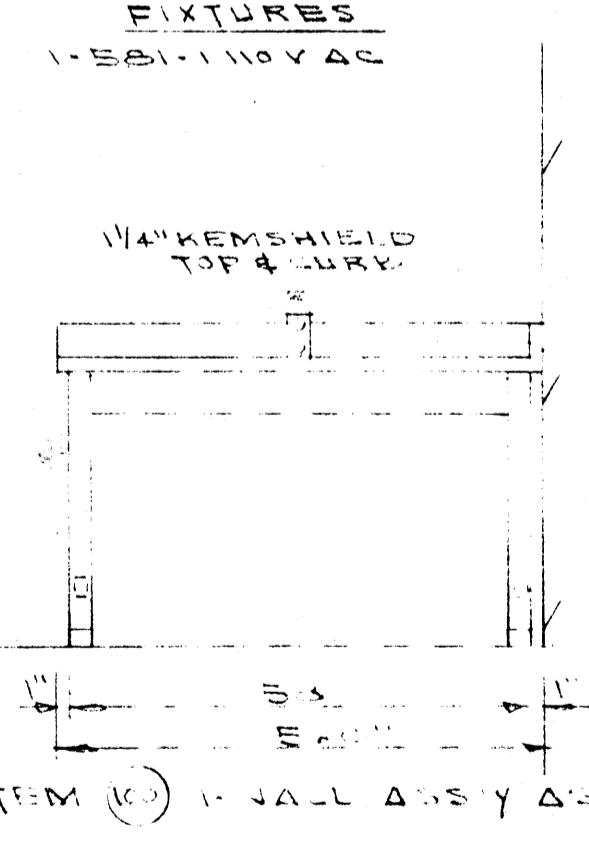
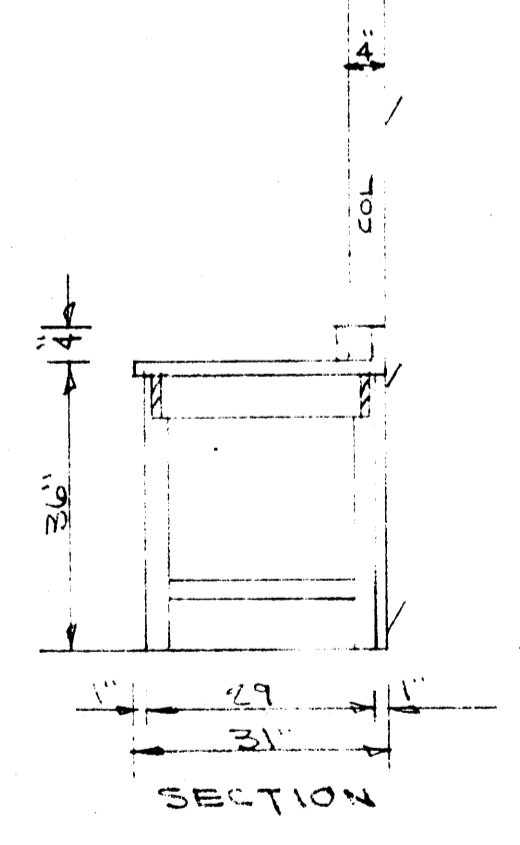
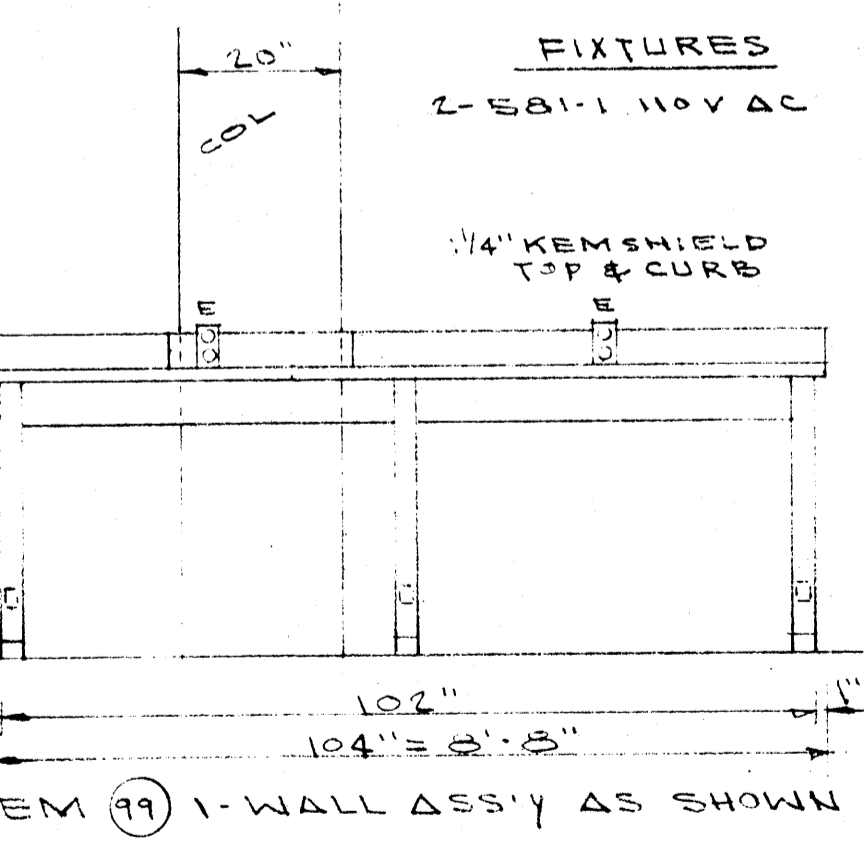


- ITEM 64 1-1A2811 REAGENT SHELVING UNIT
- " 65 2-2W1916 KR FUME HOODS
- " 66 1-3W1073 UTILITY TABLE
- " 67 SAME AS ITEM 47 EXCEPT 3 REQ'D
- " 68 1-1D204 WALL SINK & 1-#1D1916 PEGBOARD
- " 69 " " " " " "



- ITEM 14 1-3W1315 INSTRUCTOR'S DESK
- " 15 3-2W1537X BIOLOGICAL SCIENCE TABLES-X=OMIT SINK & ADD 2-1D235A- END SINKS FOR EA. TABLE & 2-340 H&CW FOR EA. TABLE
- " 16 1-1D204 WALL SINK & 1-1D1916 PEGBOARD
- " 17 " " " " " "
- " 18 1-3W1240 STORAGE & DISPLAY CASE
- " 19 1-3W1315 INSTRUCTOR'S DESK
- " 20 3-2W1537X BIOLOGICAL SCIENCE TABLES-X=OMIT SINK-ADD 2-1A40 L.NITS ON EA. SIDE & 2-1D235A END SINKS FOR EA. TABLE & 2-340 H&CW FOR EA. TABLE-10-STUD. 28'-0"
- " 21 SAME AS ITEM 16
- " 22 " " " 19
- " 23 " " " 20

- ITEM 25 1-1D204 WALL SINK
- " 24 2-1A886 STORAGE CASES
- " 25 1-1A914 STORAGE CASE
- " 26 1-1D204 WALL SINK
- " 27 1-3W1320 INSTRUCTOR'S DESK
- " 28 6-2W1324 4-STUDENT PHYSICS TABLES
- " 29 3-3W453X SERVICE ISLANDS-X=OMIT-FUME VENT CONNECTORS
- " 30 SAME AS ITEM 25
- " 31 " " " 24 EXCEPT 3 REQ'D
- " 32 " " " 26
- " 33 " " " 27
- " 34 " " " 28 EXCEPT 12 REQ'D
- " 35 " " " 29 EXCEPT 6 REQ'D
- " 36 1-2W1914KR FUME HOOD
- " 37 1-3W1375 SAFETY CABINET
- " 38 2-1D204 WALL SINKS & 2-1D1916 PEGBOARDS



- ITEM 101 1-3W857X RESEARCH WALL TABLE
- " 102 1-3W850X RESEARCH WALL TABLE-X=REVERSE ASS'Y PROVIDE 2W1914KR W/FIN FACE
- " 103 1-3W850X RESEARCH WALL TABLE PROVIDE 2W1914KR
- " 104 SAME AS ITEM 101
- " 105 " " " 101
- " 106 1-3W857X RESEARCH WALL TABLE-X=OMIT DESK
- " 107 SAME AS ITEM 106
- " 108 " " " 106

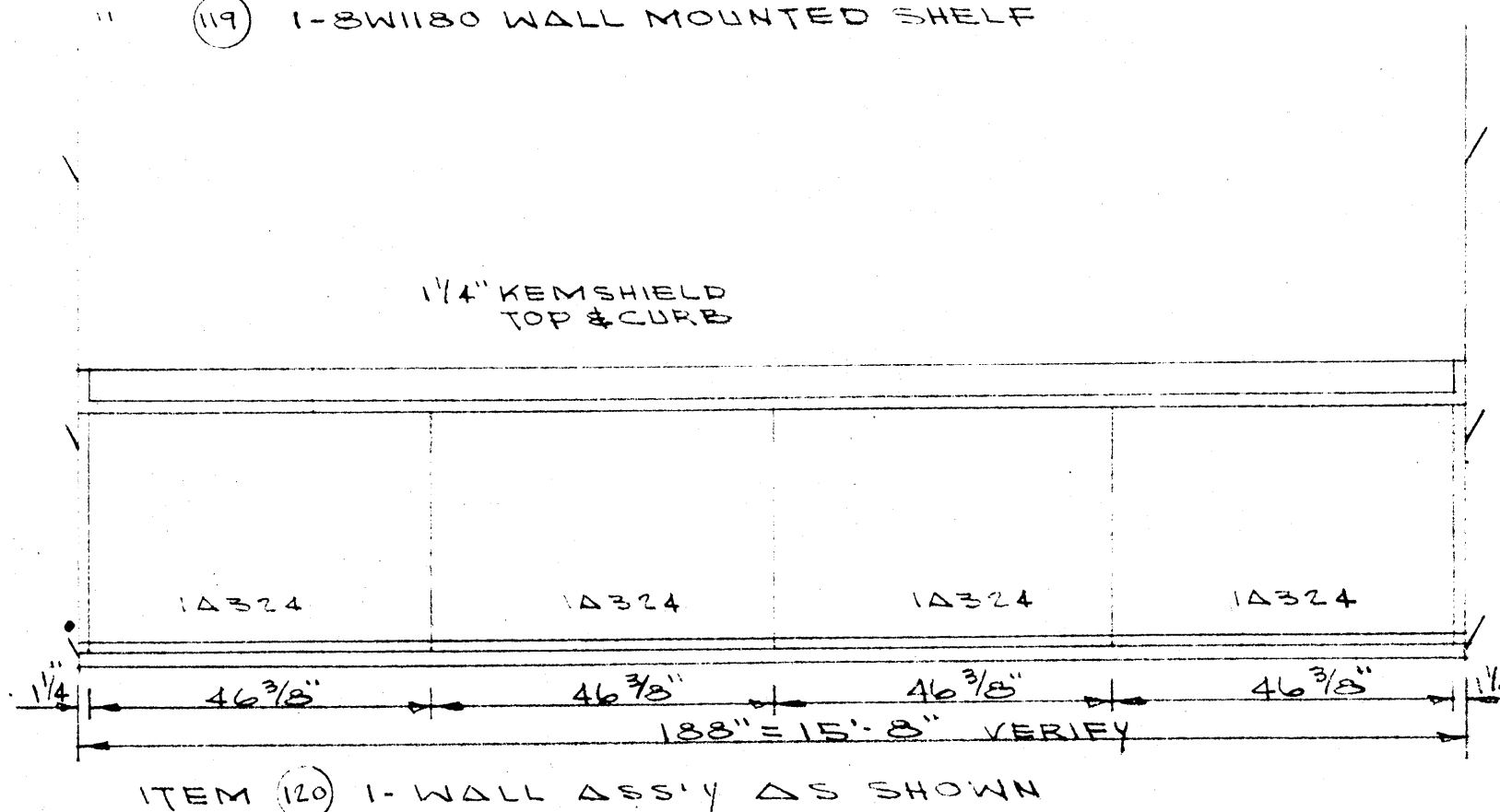
- ITEM 109 SAME AS ITEM 106
- " 110 " " " 106
- " 111 " " " 106
- " 112 " " " 106

- ITEM 114 11-1A212 REAGENT SHELVING CASES
- " 115 3-1A200 HERBARIUM CASES
- " 116 1-3W607 TABLE & 1-1A622 STORAGE-CASE ON WALL OVER TABLE
- " 117 1-1D204 WALL SINK

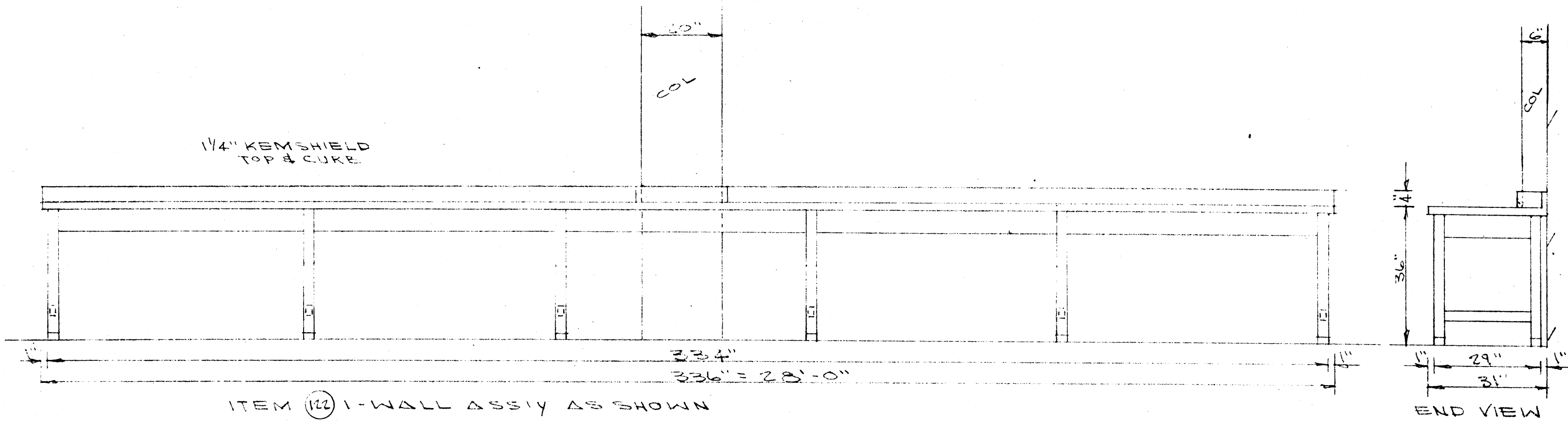
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 ALL DIM. EQUIPMENT TO VERIFIED

DATE 6-21-66	LABORATORY SCIENCES BUILDING ARKANSAS STATE COLLEGE JONESBORO, ARKANSAS PROJECT NO. ARK. 5-1478	SHEET NUMBER A 28
DRAWN BY		COMMISSION NUMBER 45063
CHECKED BY TSP	STUCK, FRIER, LANE & SCOTT, INC., ARCHITECTS 601 SOUTHWEST DRIVE • JONESBORO, ARKANSAS	
REVISIONS		

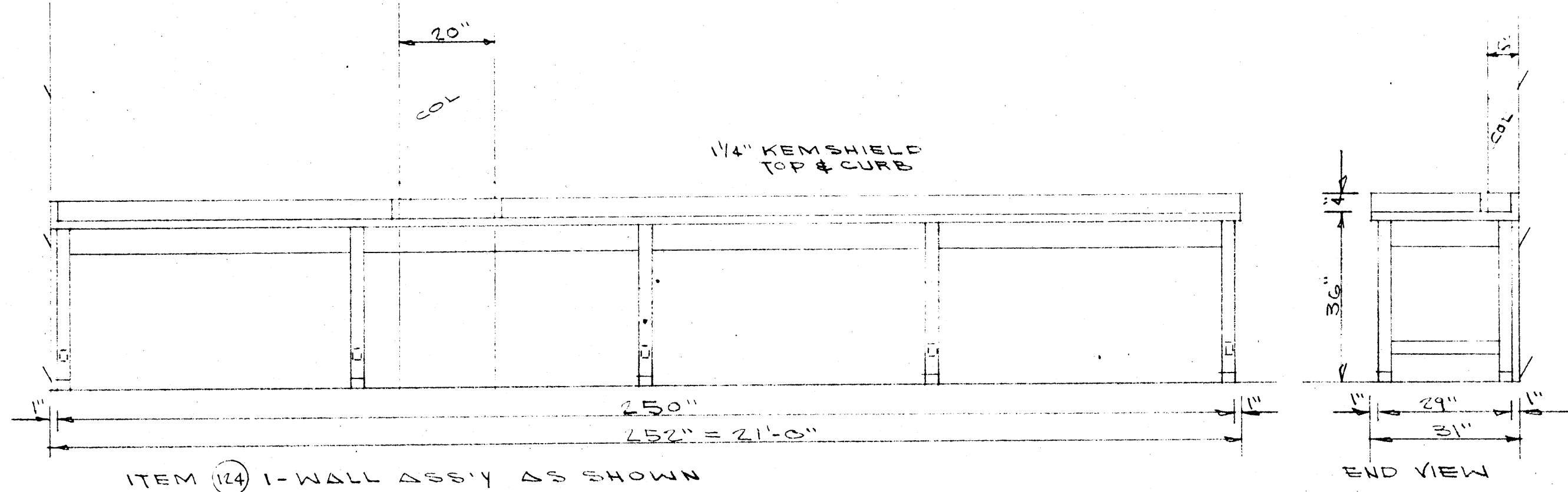
- ITEM (118) 6-1A1200 HERBARIUM CASES
- " (119) 1-SW1180 WALL MOUNTED SHELF



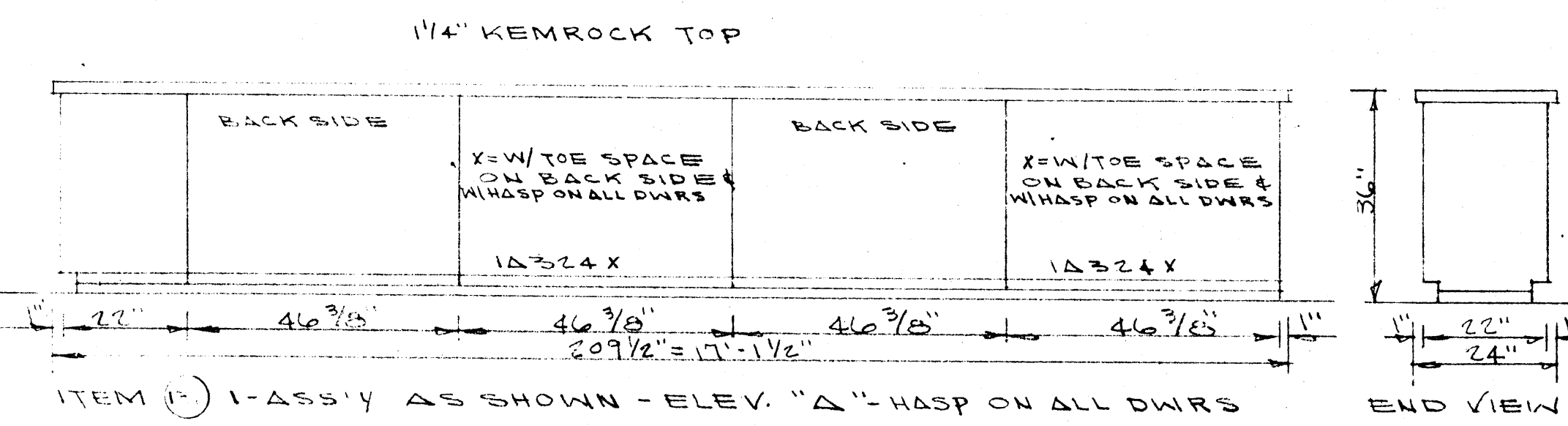
- ITEM (121) SAME AS ITEM (12) EXCEPT REVERSE-WALL LINE



- ITEM (123) SAME AS ITEM (122)



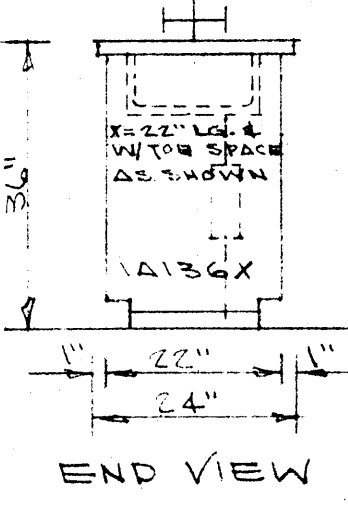
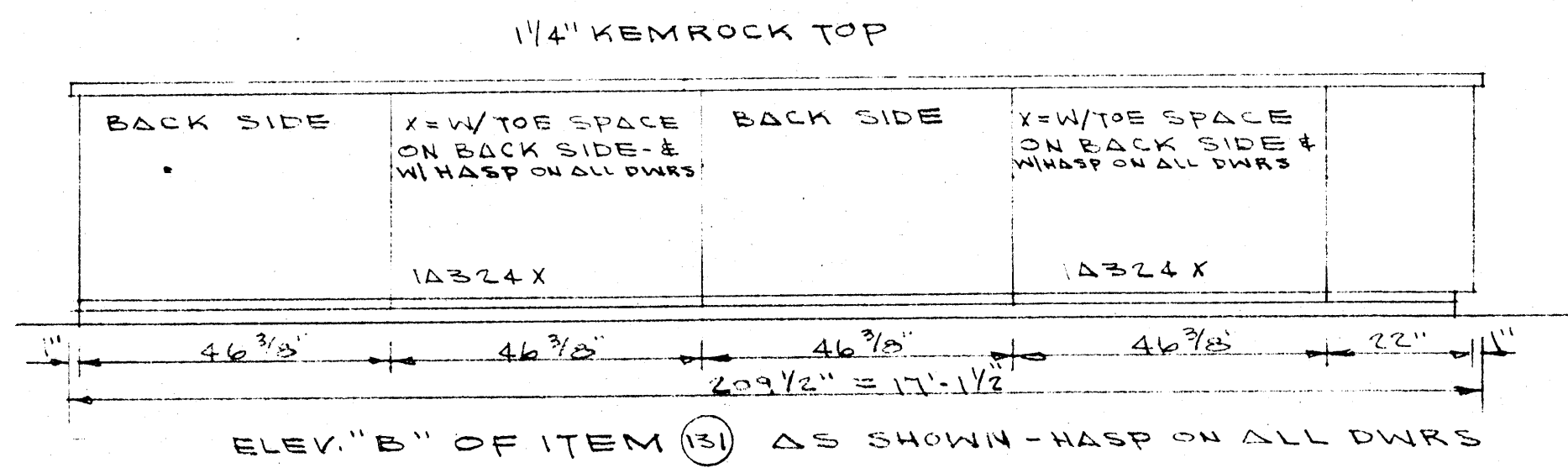
- ITEM (125) 8-1A312 REAGENT SHELVING CASES
- " (126) 2-SW1375 SAFETY CABINETS
- " (127) 6-1A311 REAGENT SHELVING CASES
- " (128) 10-2W1916 KR X FUME HOODS-X= OMIT GLASS-IN SASH & ADD CHALKBOARDS
- " (129) OMITTED
- " (130) 10-SW147X CHEMISTRY TABLES-X= OMIT BASE-UNITS & ADD 1A324 BASE UNITS-X= W/HASP ON ALL DWRS & DOORS & W/KEMRESIN TROUGH



FIXTURES
1-340 H&CW

PLUMBING

1-1008 KEMRESIN SINK
16"X20"X12"ID



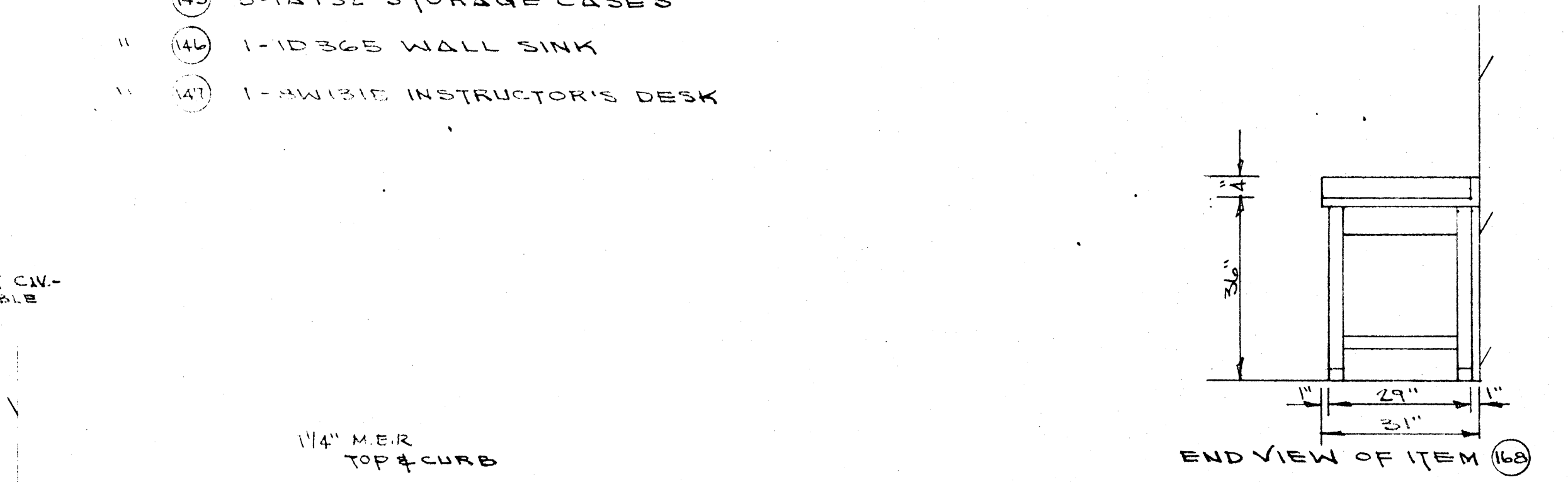
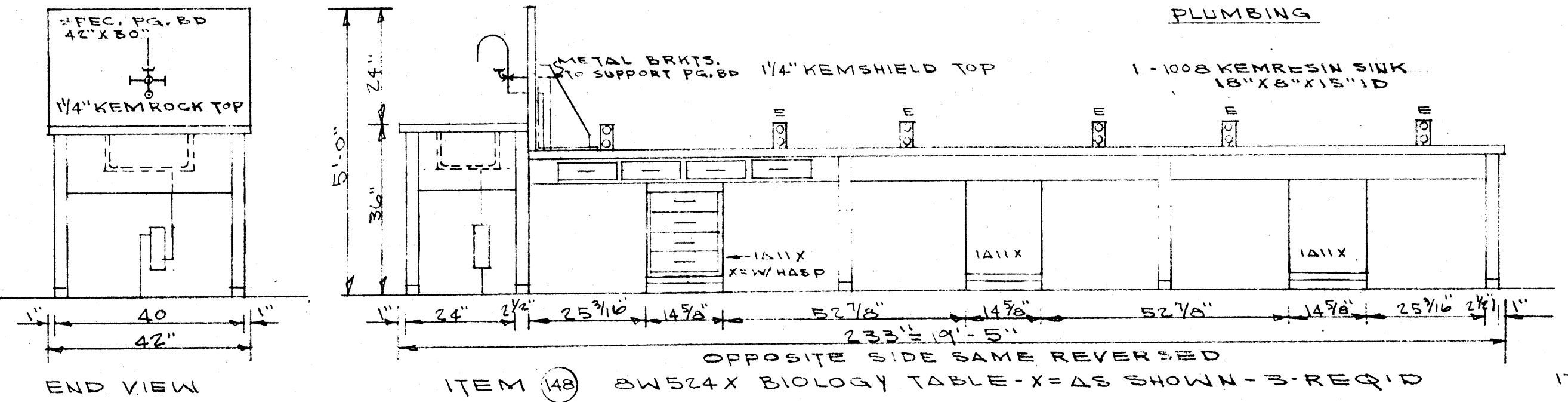
- ITEM (131) 1-SW1180 WALL MOUNTED SHELF
- " (132) SAME AS ITEM (131)
- " (134) 4-1A322 OPEN STORAGE CASES
- " (135) 1-ID204 WALL SINK & 1-ID1916 PEGBOARD
- " (136) 1-SW1375 SAFETY CABINET
- " (137) 5-1A934 STORAGE CASES
- " (138) 1-SW1312 INSTRUCTOR'S DESK
- " (139) 1-SW205R FLEXHOOD ASS'Y
- " (140) 3-SW537X BIOLOGICAL SCIENCE TABLES-X= OMIT C/W-SINK-ADD 1-340 H&CW & 1-ID235A END SINK FOR EQ. TABLE
- " (141) OMITTED
- " (142) SAME AS ITEM (137)

- ITEM (143) SAME AS ITEM (136)
- " (144) " " " (140)
- " (145) 5-1A932 STORAGE CASES
- " (146) 1-ID365 WALL SINK
- " (147) 1-SW1312 INSTRUCTOR'S DESK

FIXTURES
1-360-G H&CW
6-551-B 110V AC

PLUMBING

1-1008 KEMRESIN SINK
15"X8"X15"ID

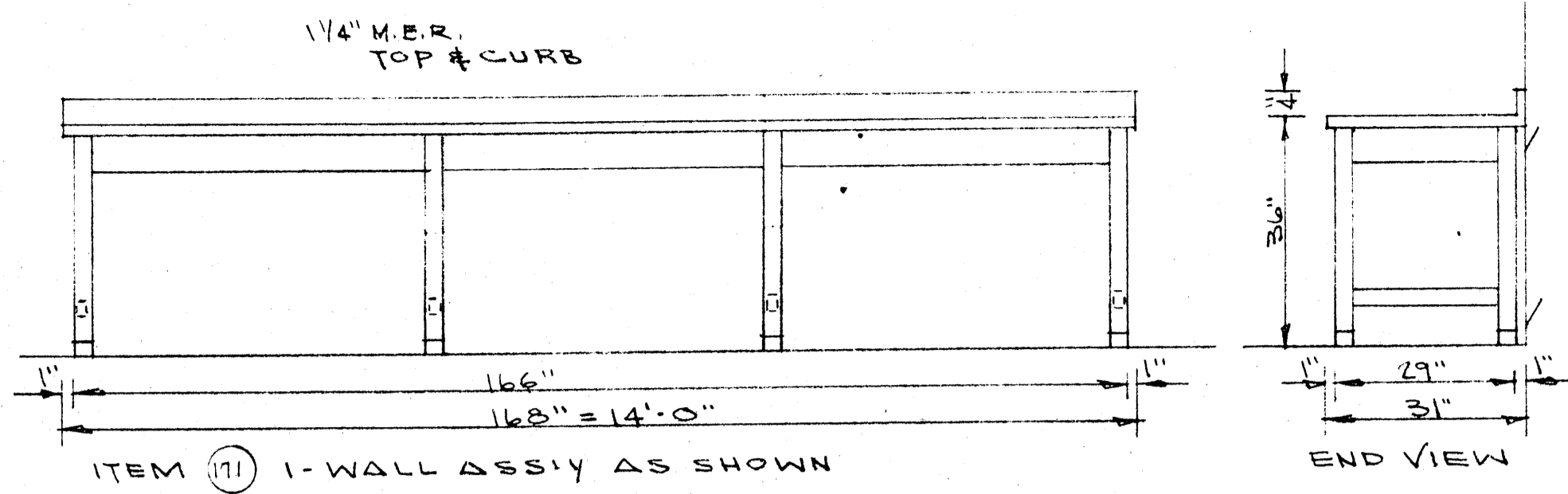


- ITEM (168) 1-WALL ASS'Y AS SHOWN
- " (169) 1-SW1175 UTILITY & BALANCE TABLE M.E.R.
- " (170) 5-SW201X ORGANIC CHEMISTRY TABLES-X= OMIT VAC. & ADD AIR & HOODS ADD HOT WATER @ SINK M.E.R.

- ITEM (149) 2-SW1182 WALL MOUNTED SHELVES
- " (150) 2-2W1916 KR FUME HOODS
- " (151) 1-SW1375 SAFETY CABINET
- " (152) 3-SW1800X RESEARCH CENTER TABLE-X= W/HASP ON ALL DWRS & DOORS M.E.R.
- " (153) 1-ID395 GLASS WASH-UP SINK M.E.R.
- " (154) 1-SW857 RESEARCH WALL TABLE M.E.R.
- " (155) 1-SW850X RESEARCH WALL TABLE-X= REVERSE ASS'Y PROVIDE 2W1916KR M.E.R.
- " (156) 1-SW850X RESEARCH WALL TABLE PROVIDE 2W1916KR M.E.R.
- " (157) SAME AS ITEM (156) M.E.R.
- " (158) SAME AS ITEM (151)
- ITEM (157) SAME AS ITEM (154) M.E.R.
- " (158) " " " (155) M.E.R.
- " (159) " " " (156) M.E.R.
- " (160) " " " (154) M.E.R.
- " (161) " " " (156) M.E.R.
- " (162) " " " (154) M.E.R.
- " (163) " " " (154) M.E.R.
- ITEM (165) OMITTED
- " (166) 6-2W1916KR FUME HOODS
- " (167) 1-SW1375 SAFETY CABINET
- " (168) 1-ID355 WALL SINK
- ITEM (164) 1-SW839 RESEARCH WALL TABLE M.E.R.

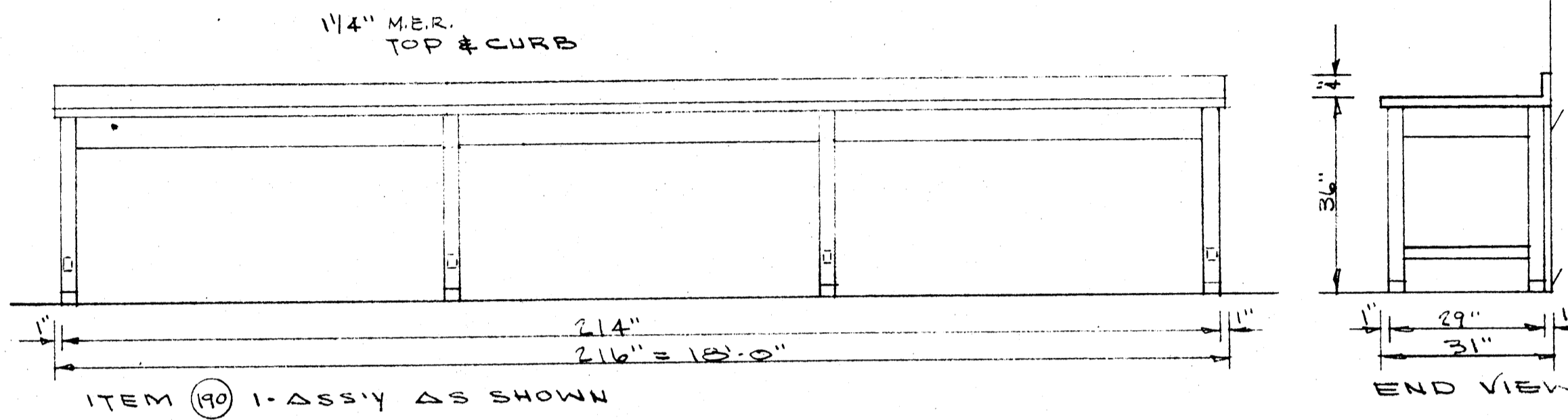
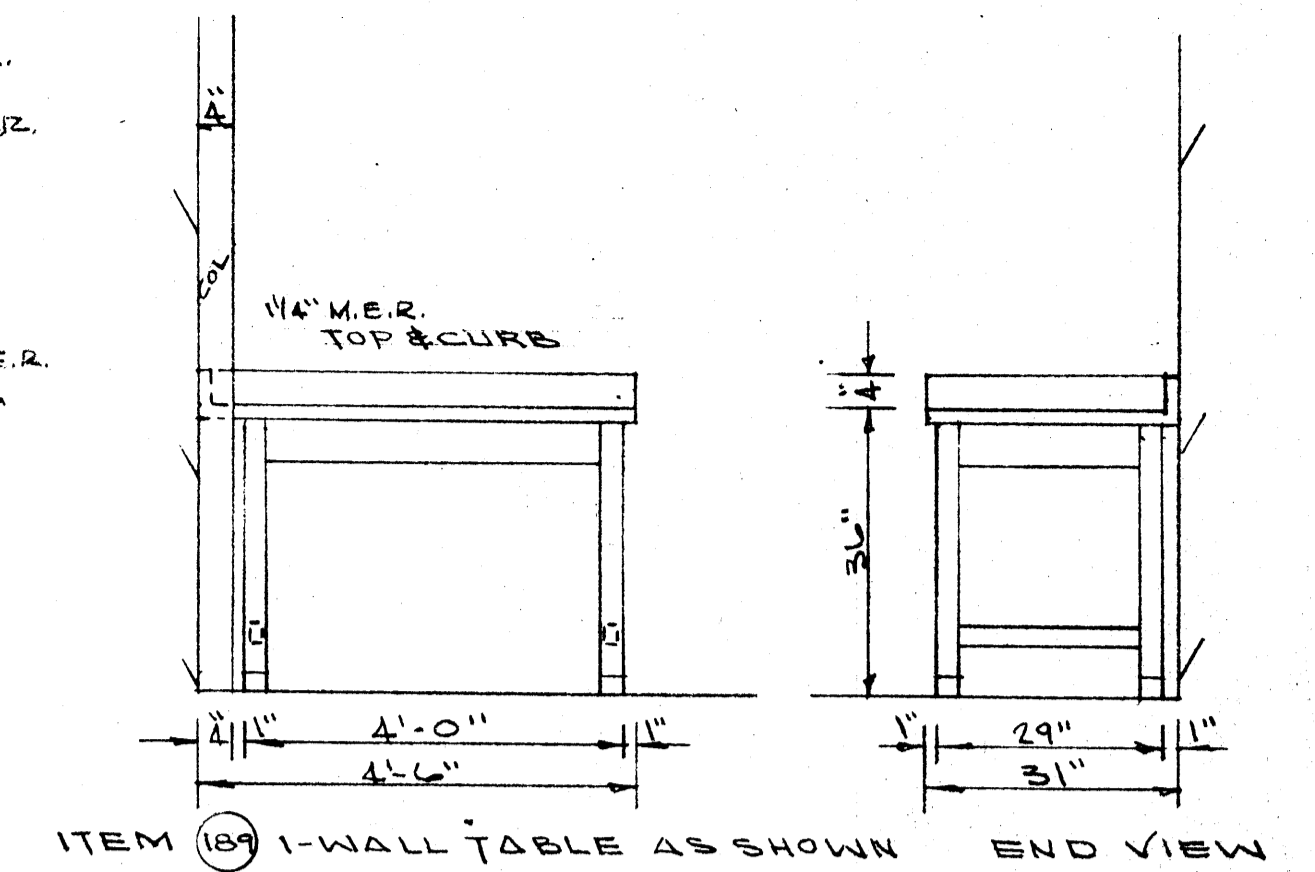
SCALE 1/2" = 1'-0"
ALL DIM. EQUIPMENT TO BE VERIFIED
M.E.R. MOULDED EPOXY RESIN

DATE 6-21-66	LABORATORY SCIENCES BUILDING ARKANSAS STATE COLLEGE JONESBORO, ARK. PROJECT NO. ARK. 5-1479	SHEET NUMBER A 29
DRAWN BY		
CHECKED BY TOS	STUCK, FRIER, LANE & SCOTT, INC., ARCHITECTS 601 SOUTHWEST DRIVE • JONESBORO, ARKANSAS	COMMISSION NUMBER 43066
REVISIONS		



- ITEM 112 1-1D204 WALL SINK M.E.R.
- " 113 6-1A812 REAGENT SHELVING CASES
- " 114 OMITTED
- " 115 1-SW1375 SAFETY CABINET
- " 116 3-2W1916KR FUME HOODS
- " 117 3-SW240X BIOCHEMISTRY TABLES-X=H/W/HASP ON ALL DWRS. & DOORS M.E.R.
- " 118 3-2W1916KR FUME HOODS
- " 119 6-1A932 STORAGE CASES
- " 120 2-1A812 REAGENT SHELVING CASES
- " 121 3-SW229X PHYSICAL CHEMISTRY TABLES-X=H/W/HASP ON ALL DWRS. & DOORS M.E.R.
- " 122 1-1D204X WALL SINK-X=OMIT WATER FIX. & ADD 1-240 H & CW M.E.R.

- ITEM 123 1-SW1177 UTILITY & BALANCE TABLE M.E.R.
- " 124 2-SW1175 UTILITY & BALANCE TABLES M.E.R.
- " 125 SAME AS ITEM 123 M.E.R.
- " 126 6-2W1916KR FUME HOODS
- " 127 1-SW1175 UTILITY & BALANCE TABLE M.E.R.
- " 128 SAME AS ITEM 126 M.E.R.



- ITEM 141 1-SW1375 SAFETY CABINET
- " 142 5-SW166X CHEMISTRY TABLES-X=H/W/HASP ON ALL DWRS. & DOORS M.E.R.
- " 143 1-SW889 RESEARCH WALL TABLE M.E.R.
- " 144 1-SW1141 UTILITY TABLE M.E.R.
- " 145 1-SW857 RESEARCH WALL TABLE M.E.R.
- " 146 1-SW1320 INSTRUCTOR'S DESK M.E.R.

SCALE 1/2" = 1'-0"
 ALL DIM. EQUIPMENT TO BE VERIFIED
 M.E.R. - MOULDED EPOXY RESIN

	DATE 6-21-66	LABORATORY SCIENCES BUILDING ARKANSAS STATE COLLEGE JONESBORO, ARKANSAS PROJECT NO. ARK. 5-1479	SHEET NUMBER A 30
	DRAWN BY		STUCK, FRIER, LANE & SCOTT, INC., ARCHITECTS 601 SOUTHWEST DRIVE • JONESBORO, ARKANSAS
	CHECKED BY TSP		
	REVISIONS		