COMMONWEALTH OF KENTUCKY DEPARTMENT OF FINANCE ENGINEERING STAFF

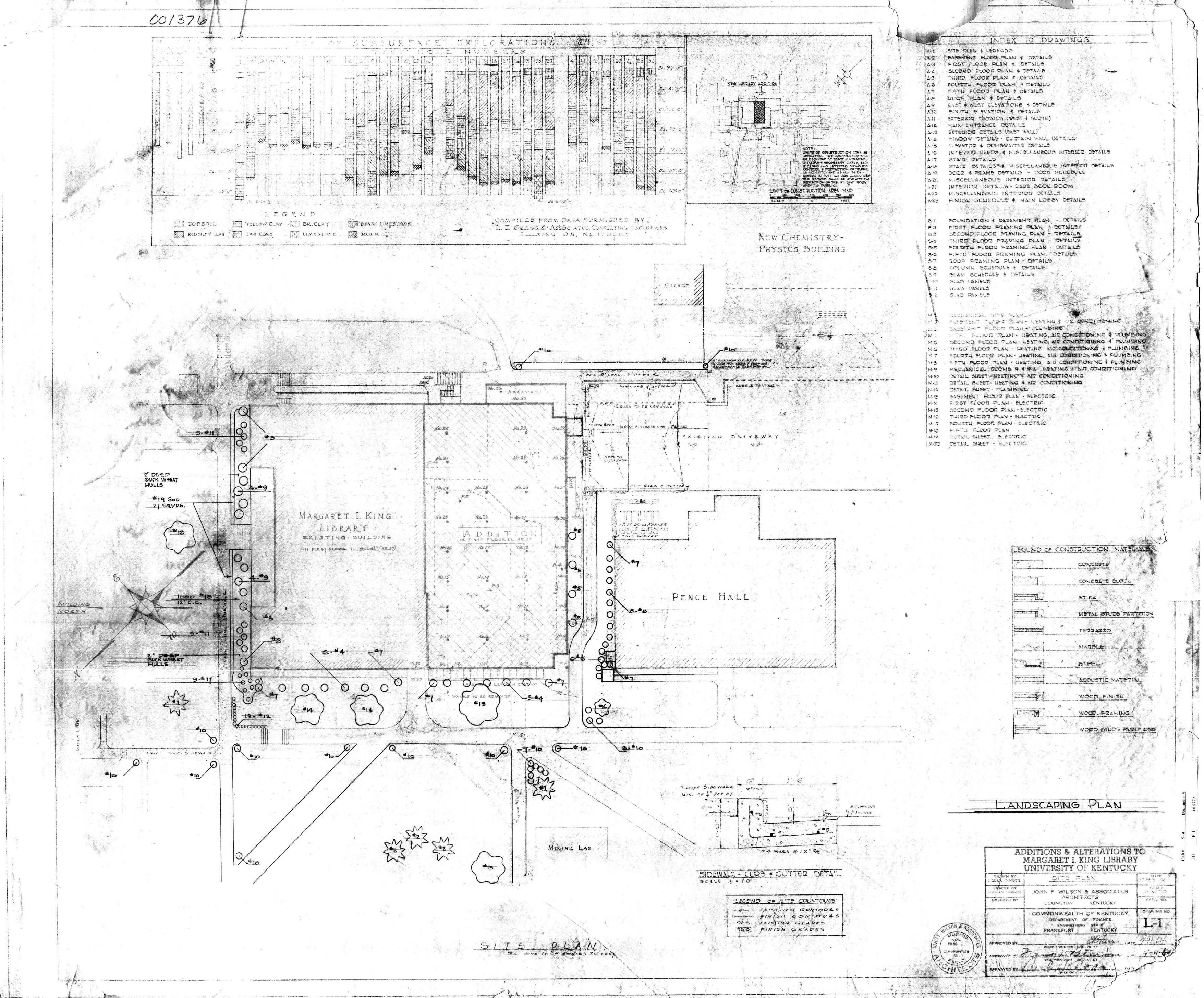
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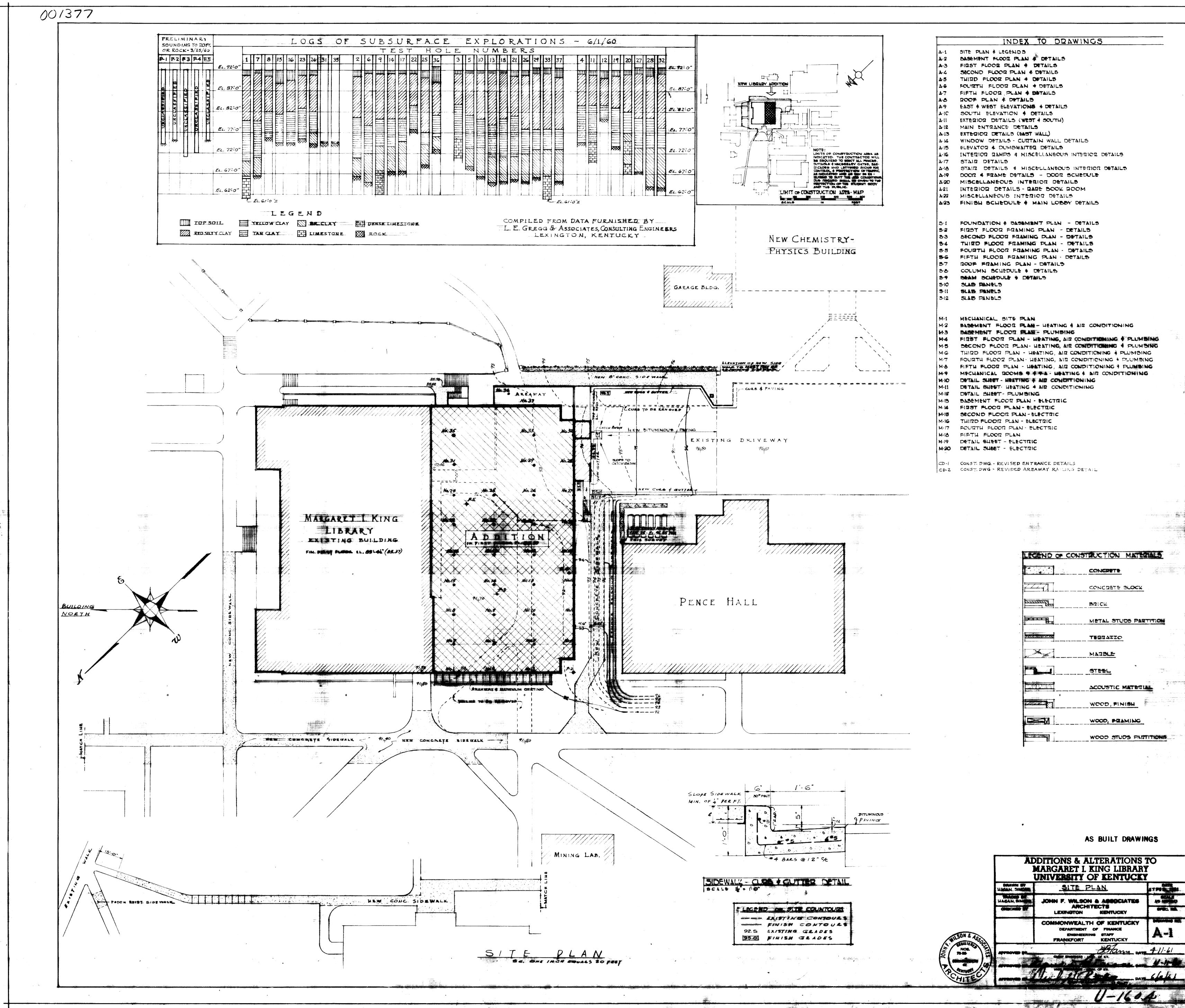
UNIVERSITY OF KENTUCKY
LEXINGTON, KY.

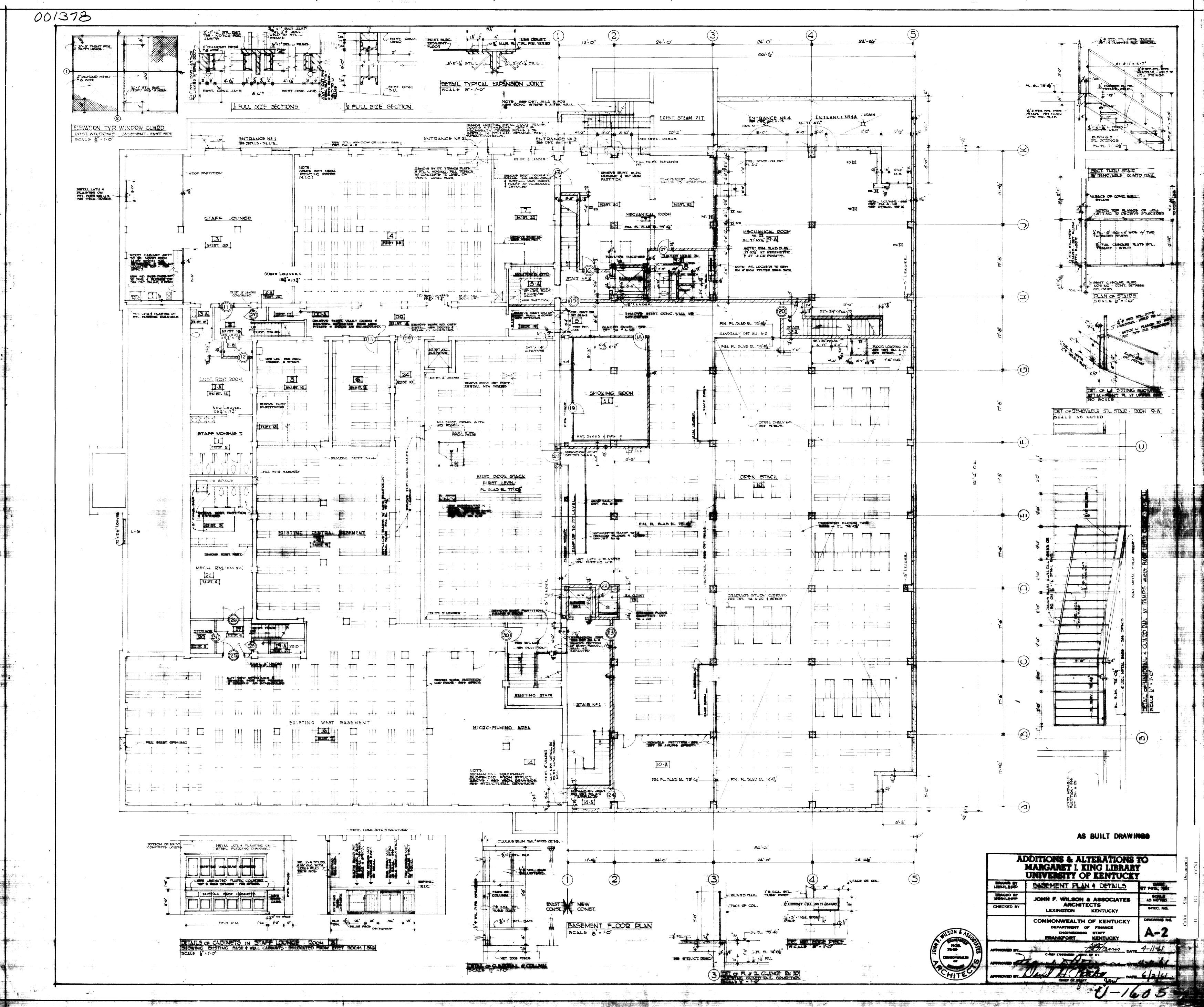
JOHN F. WILSON AND ASSOCIATES — ARCH'TS.

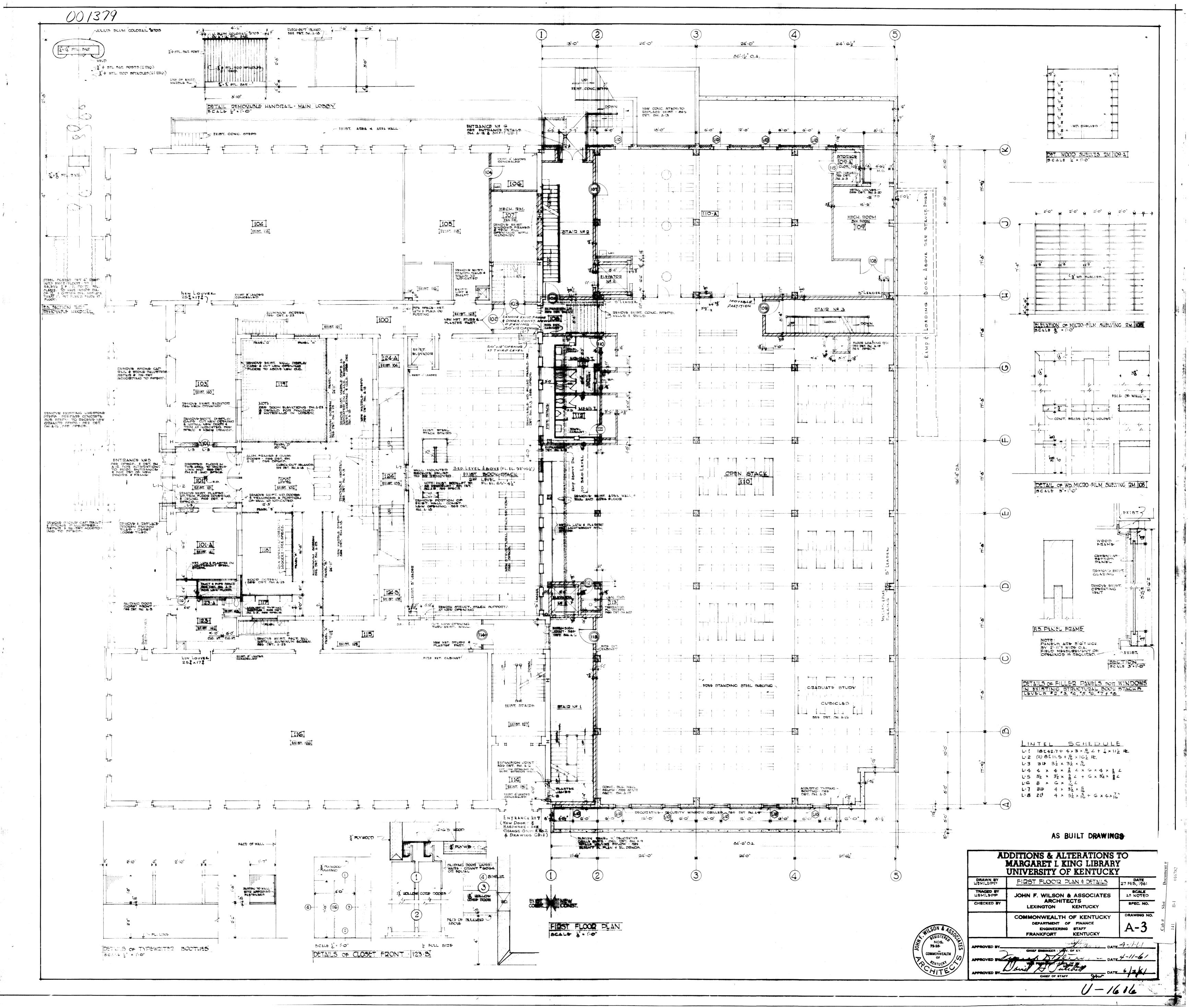
STAGGS & FISHER — CONSULTING ENGRS - INC.

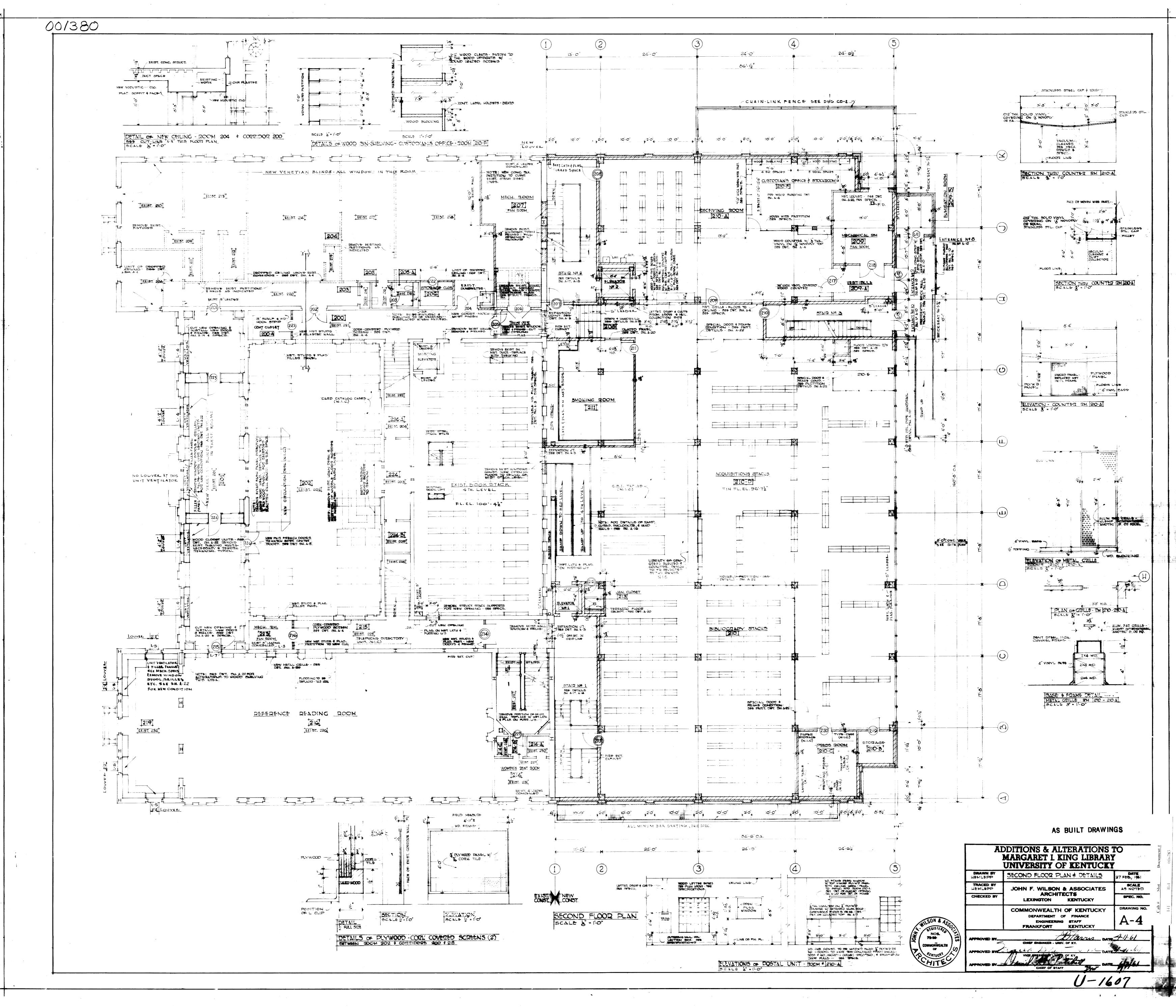
PORTER J. WHITE AND ASSOC. - CONSULT. ENGRS

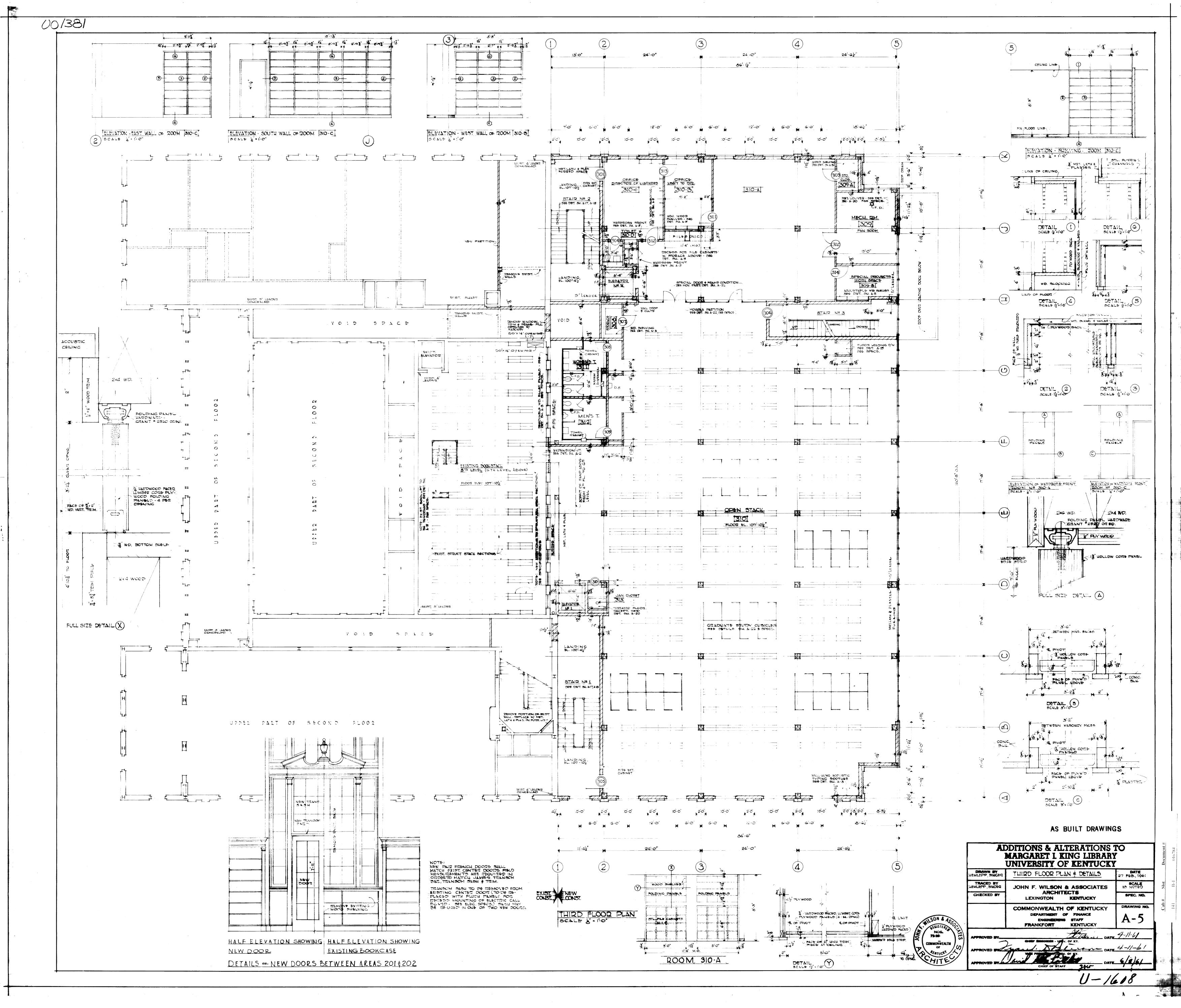


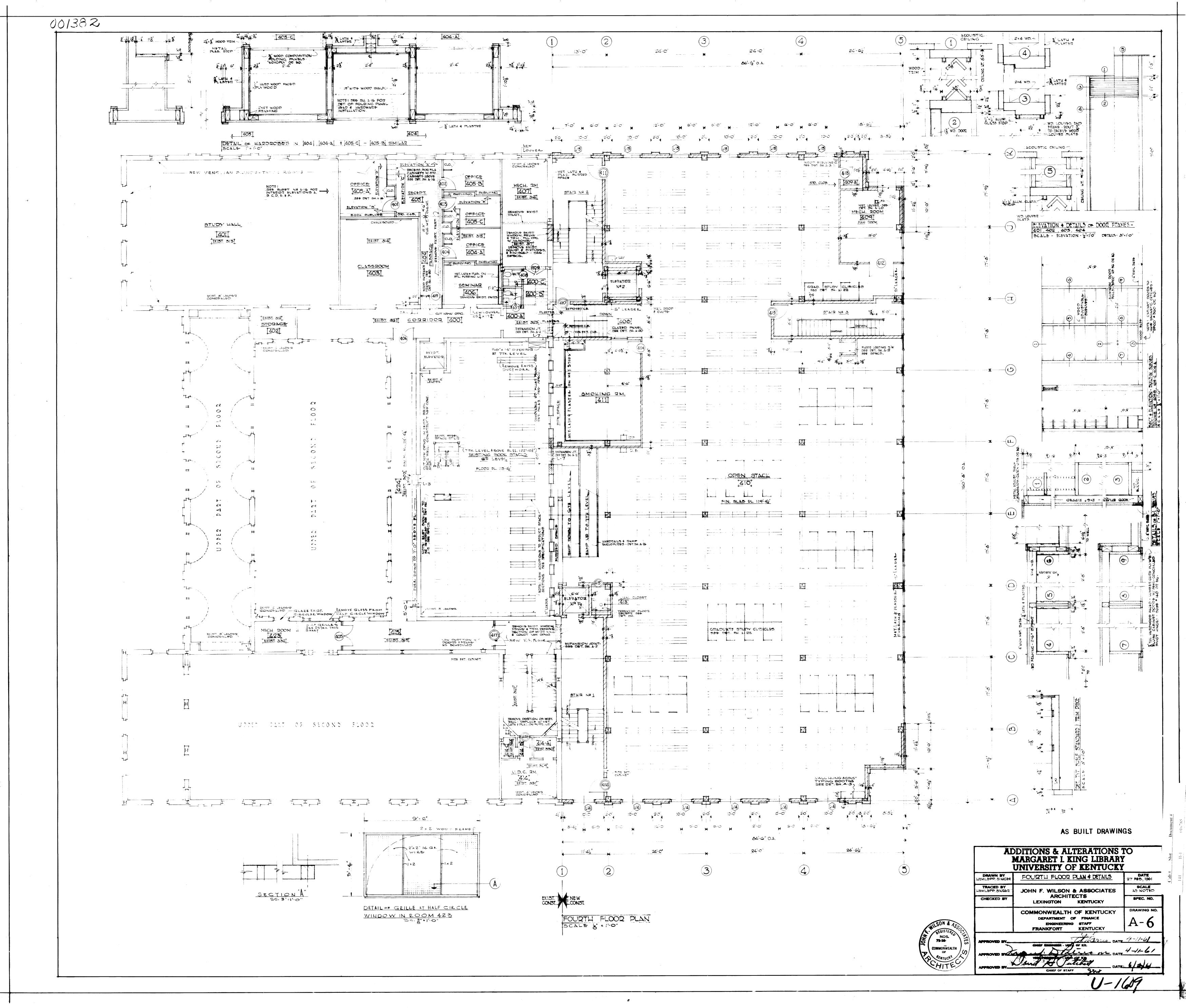


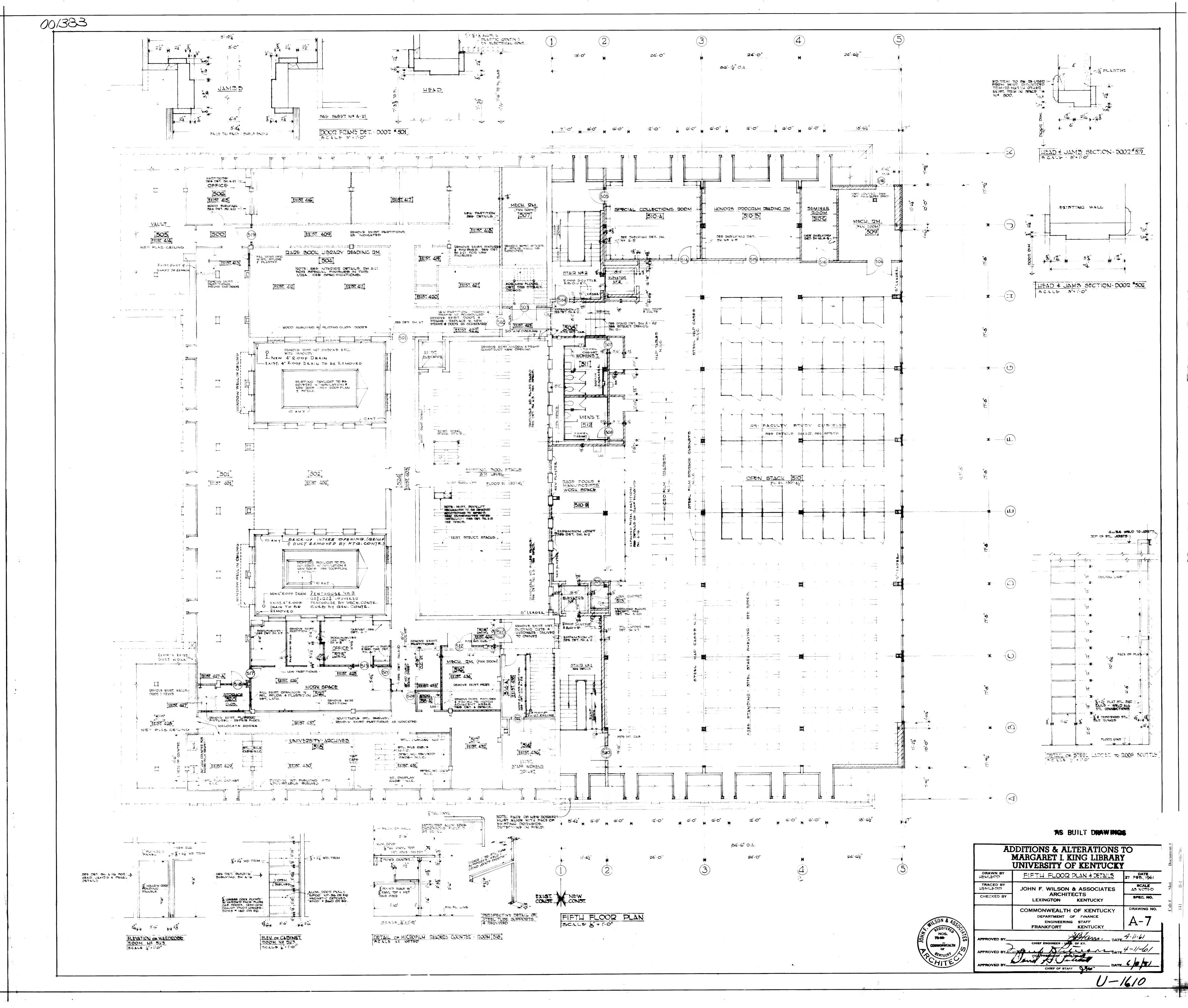


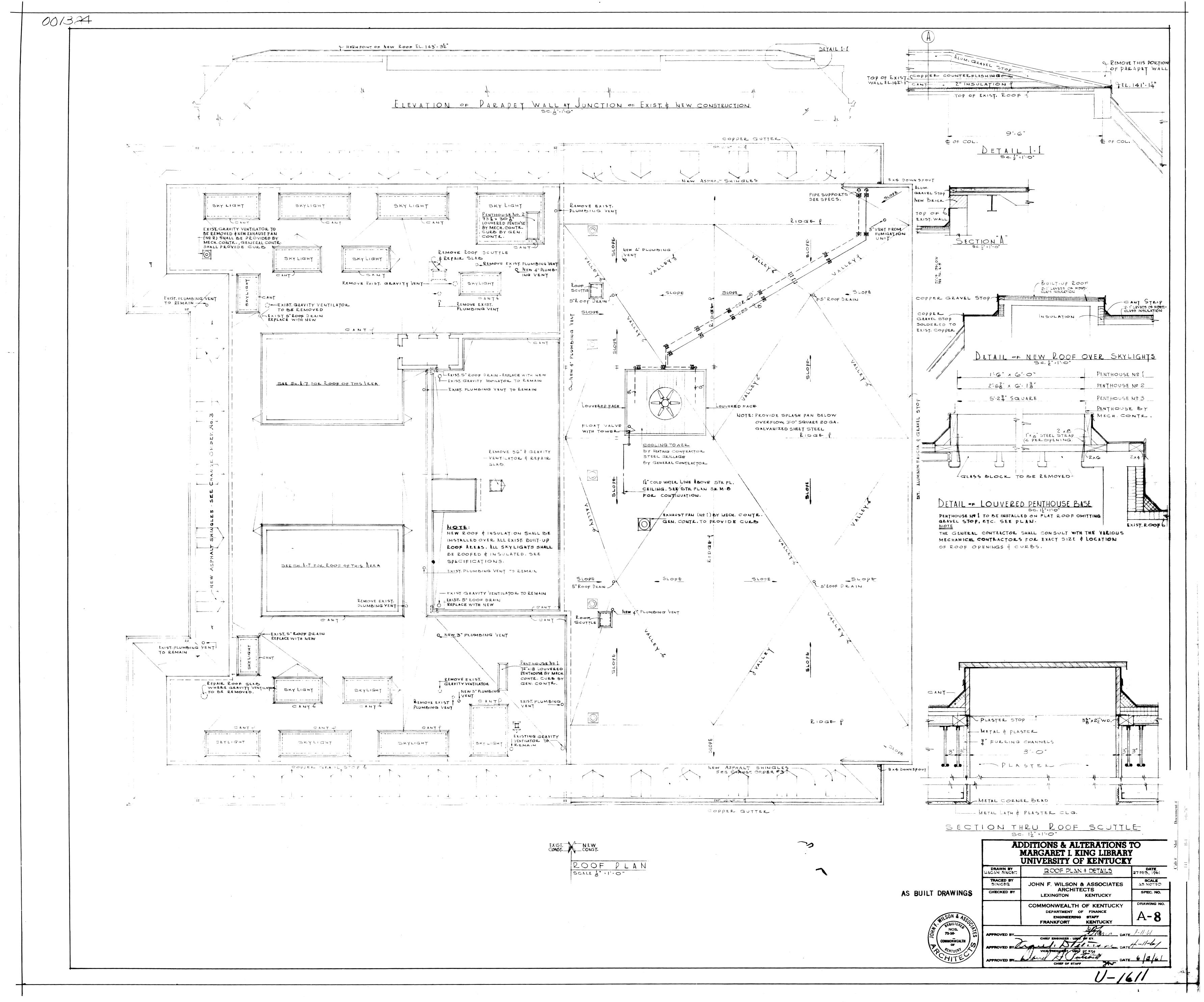


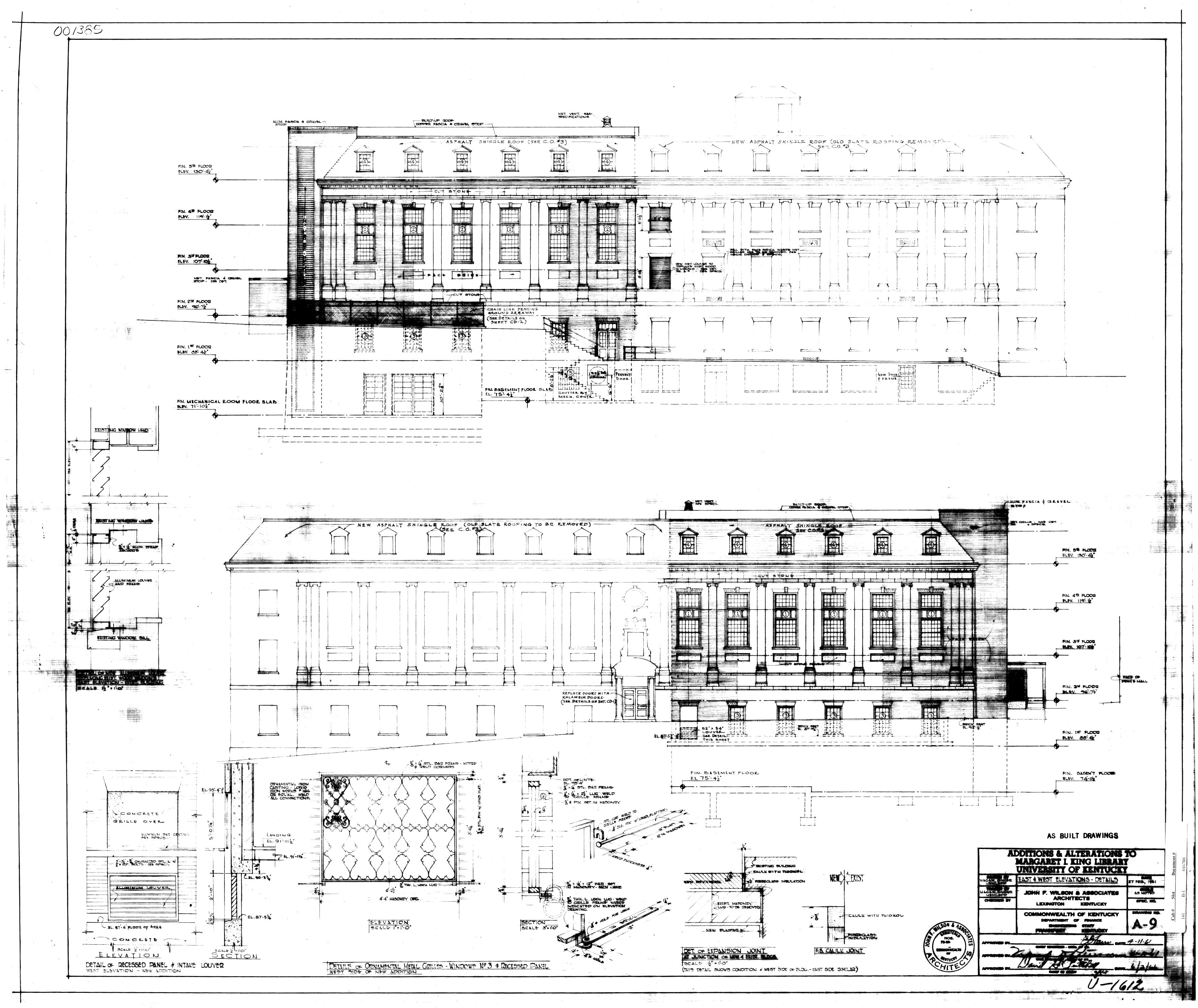


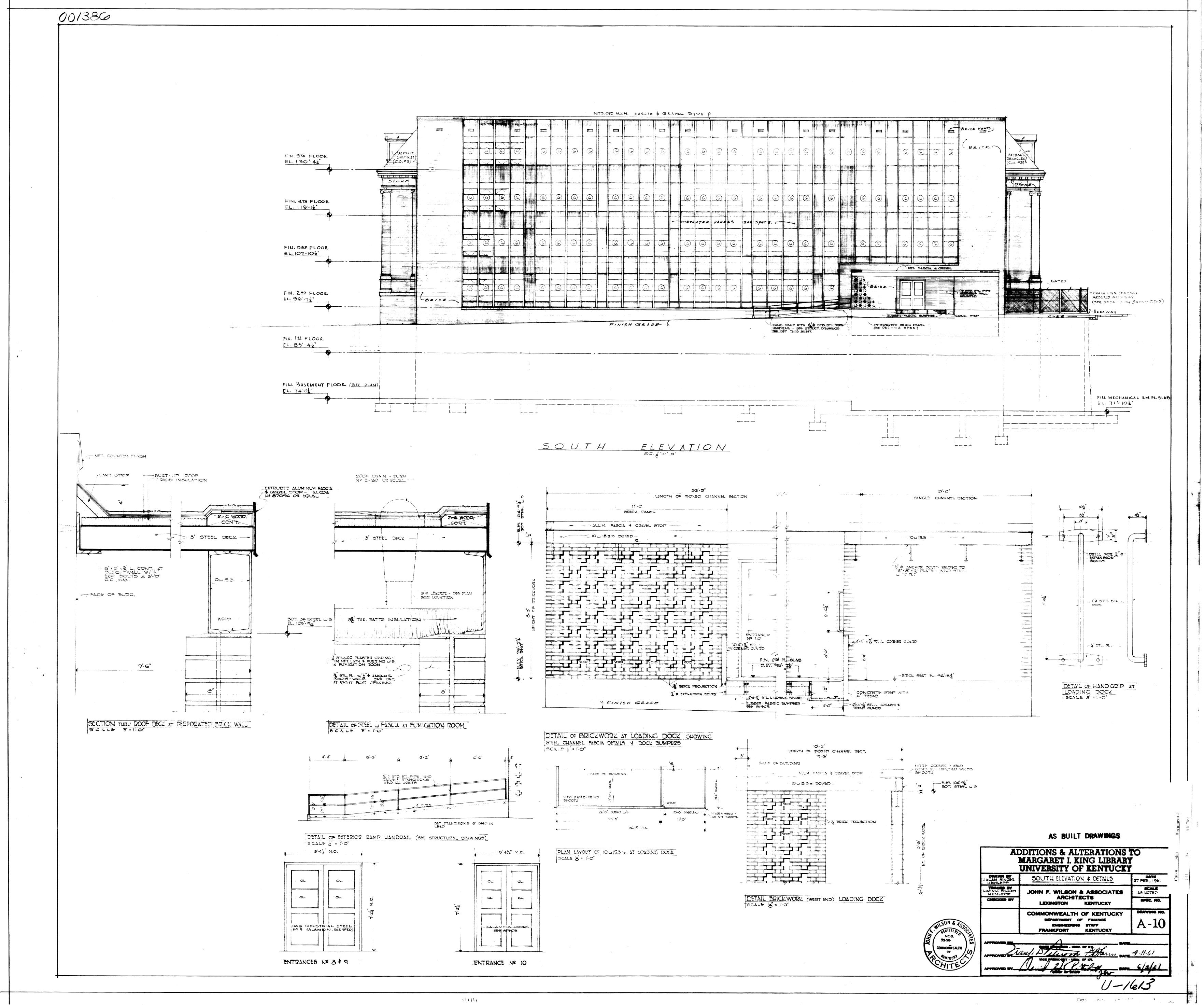


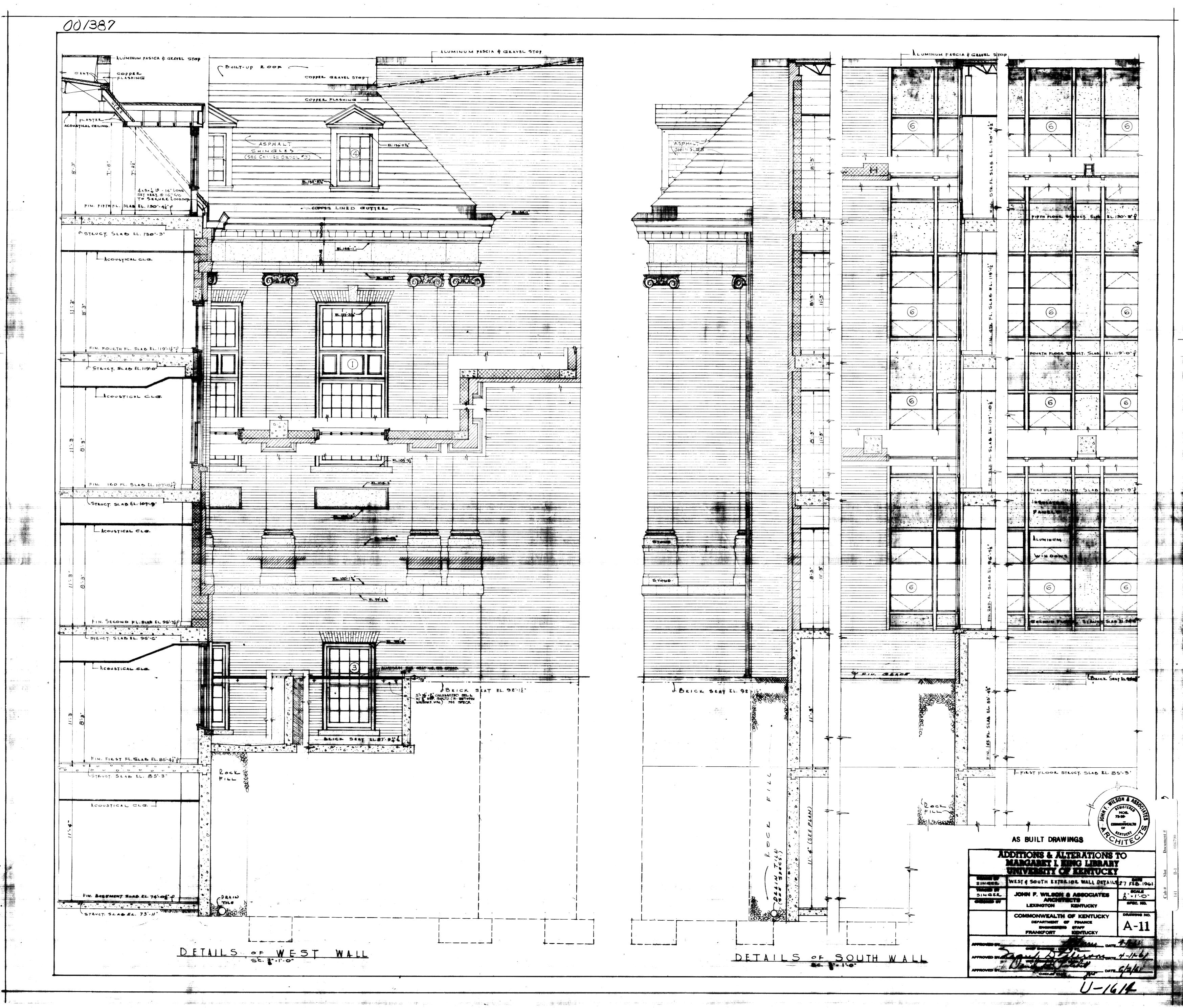


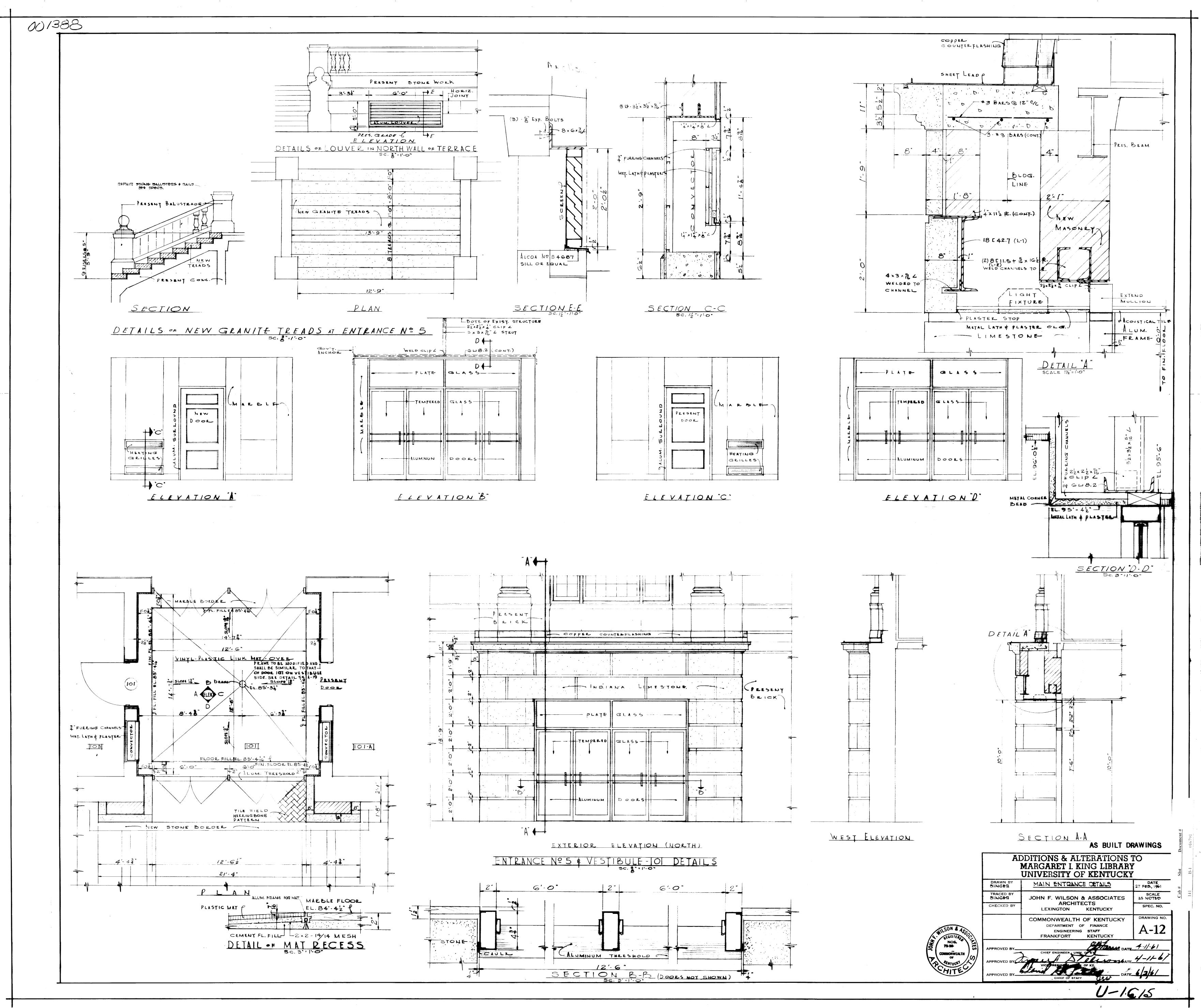


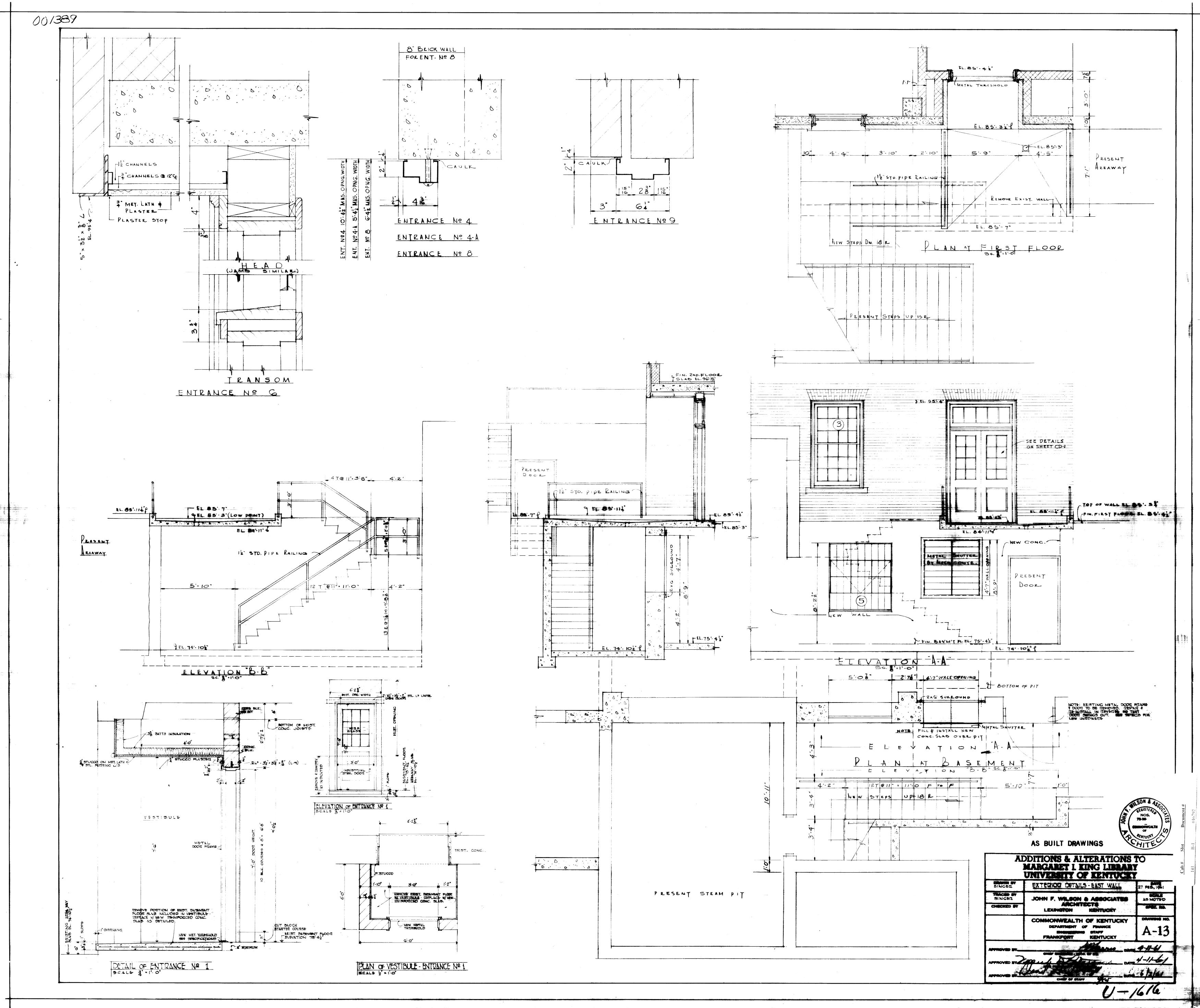


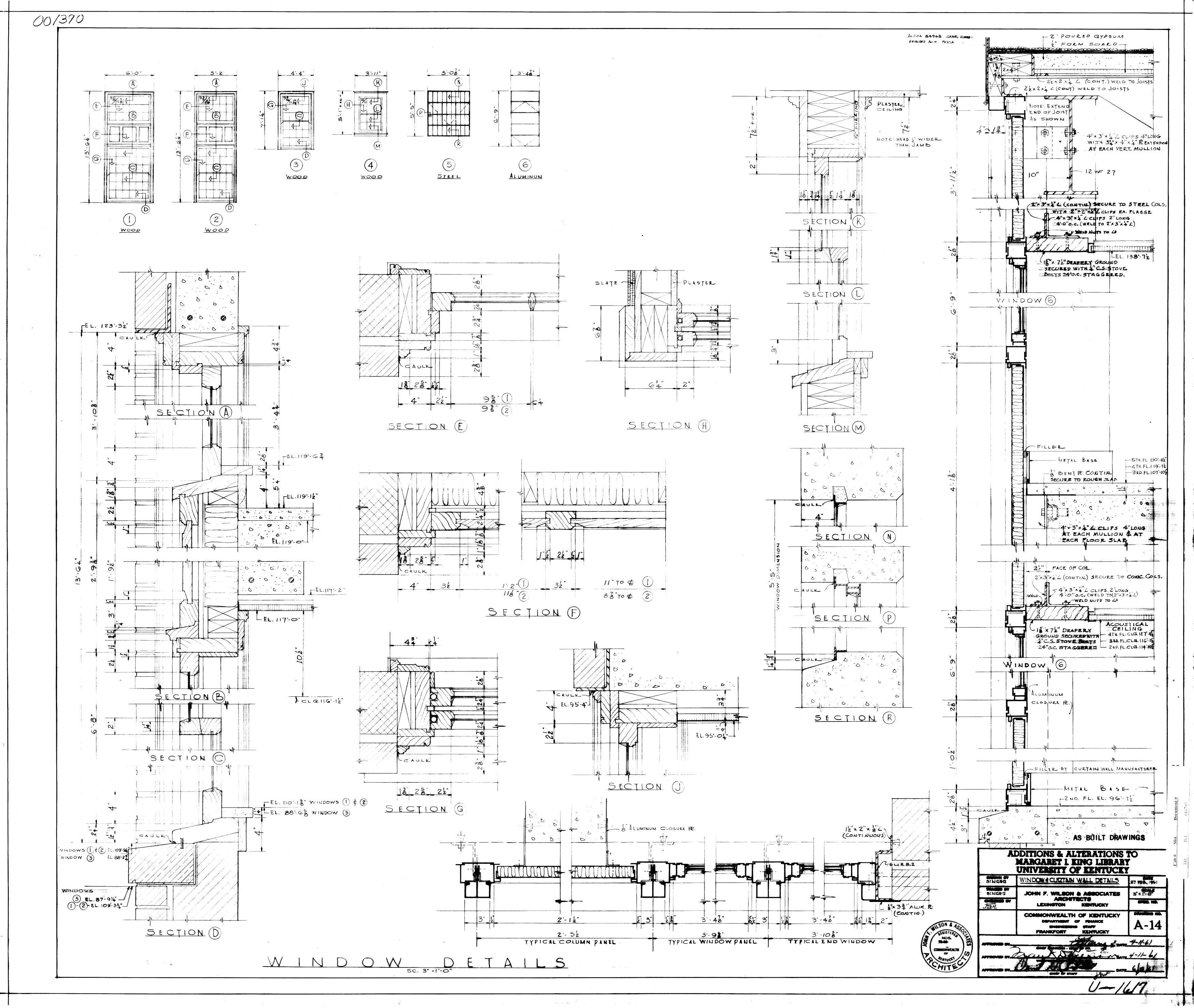


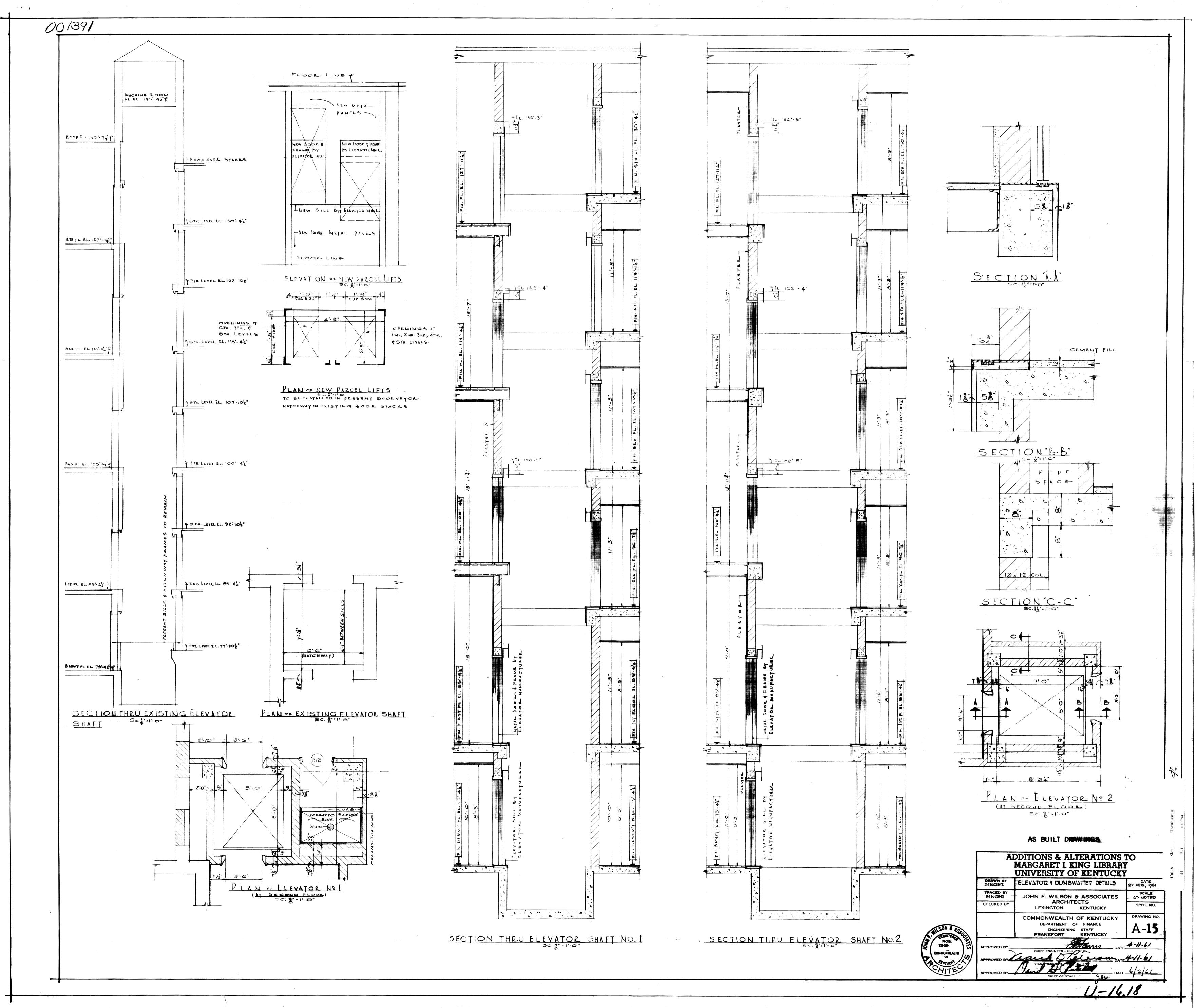


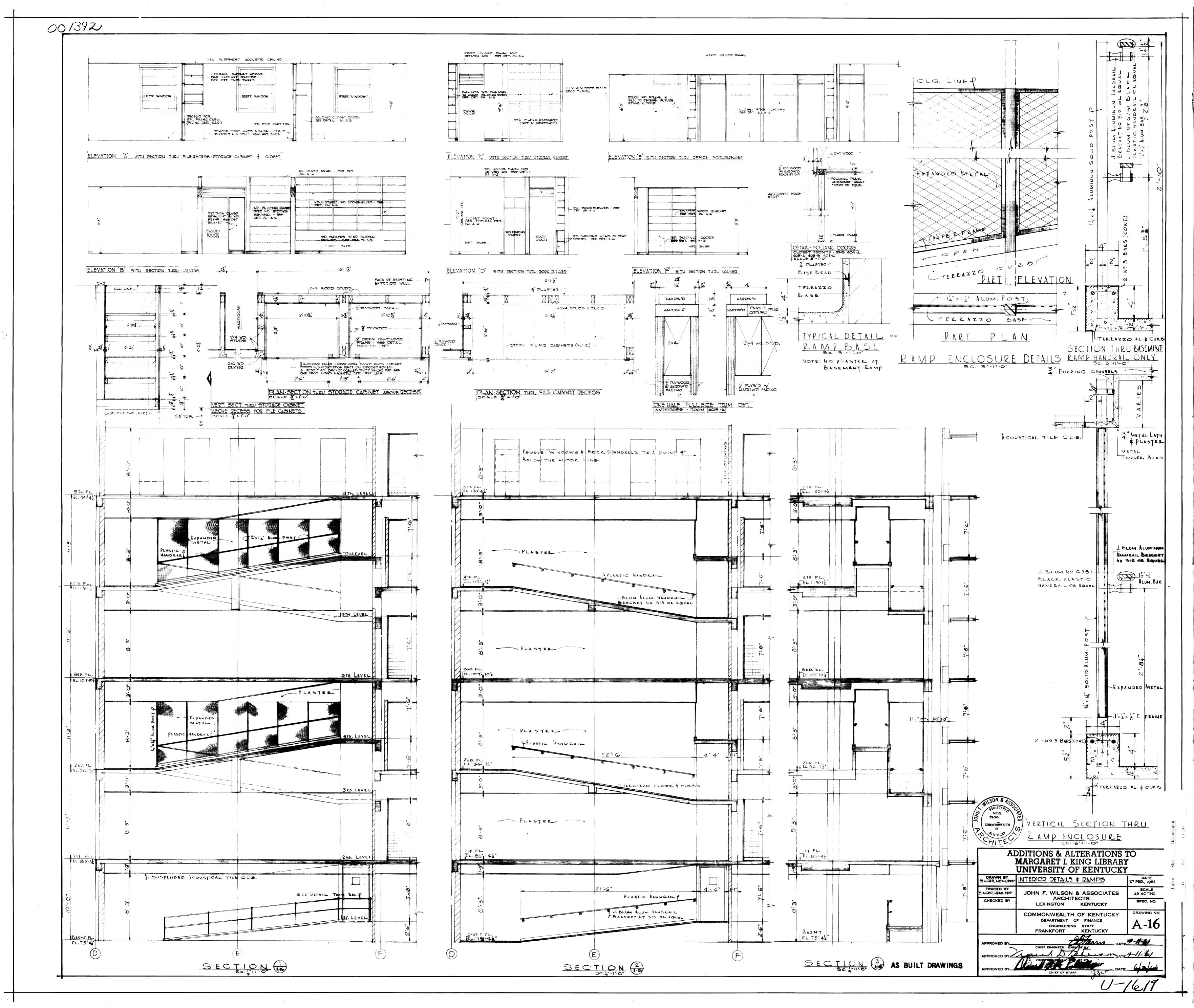


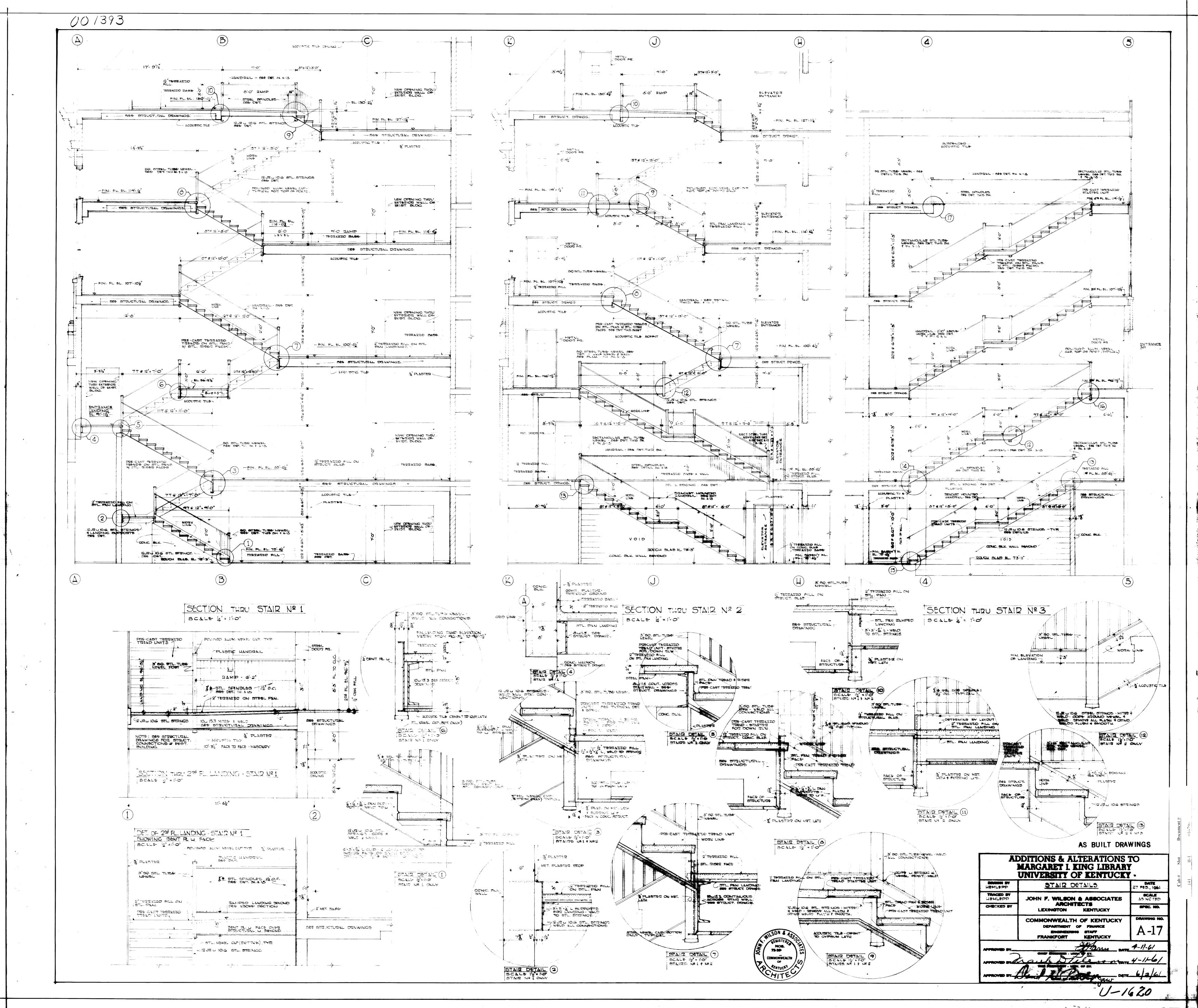


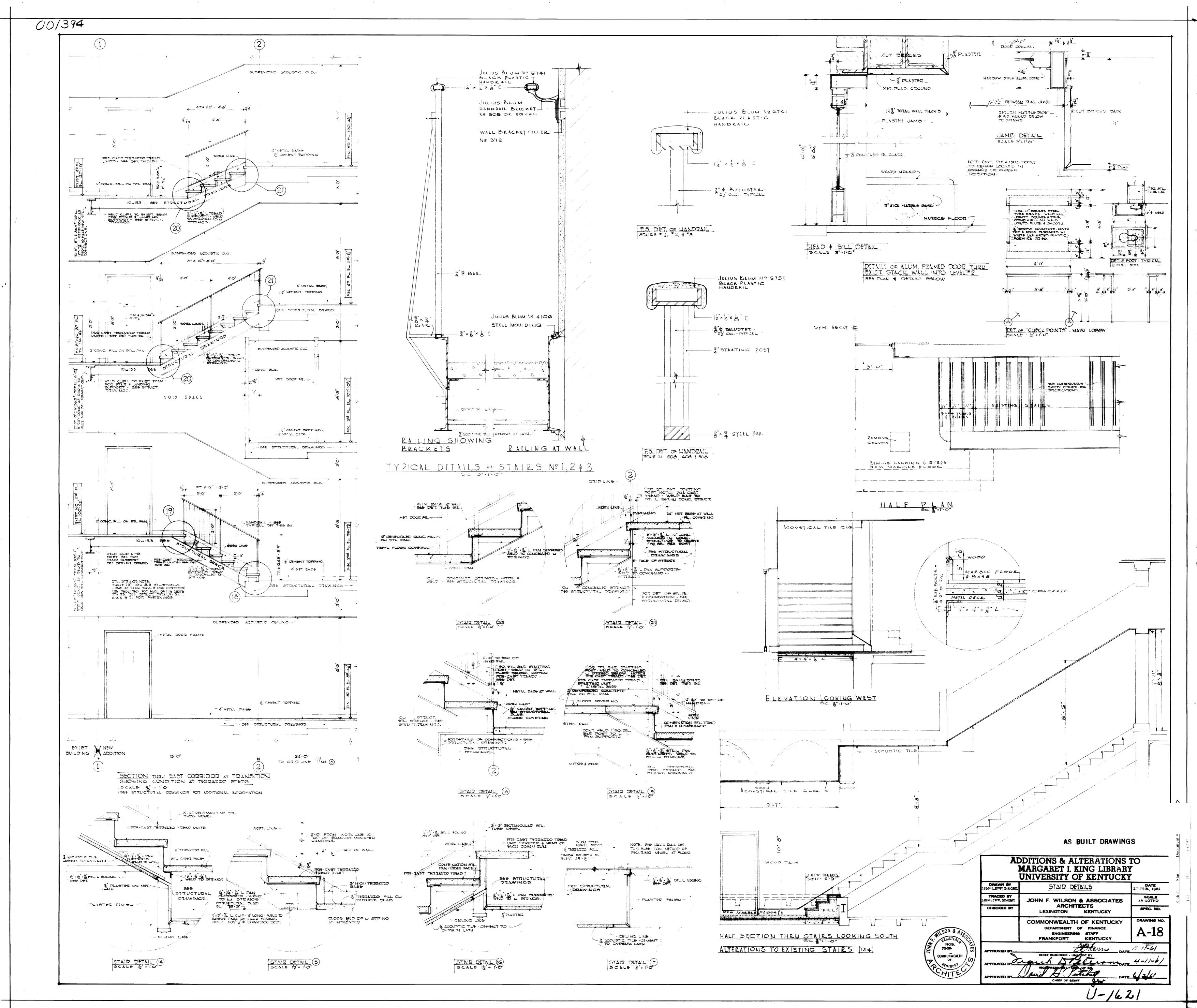


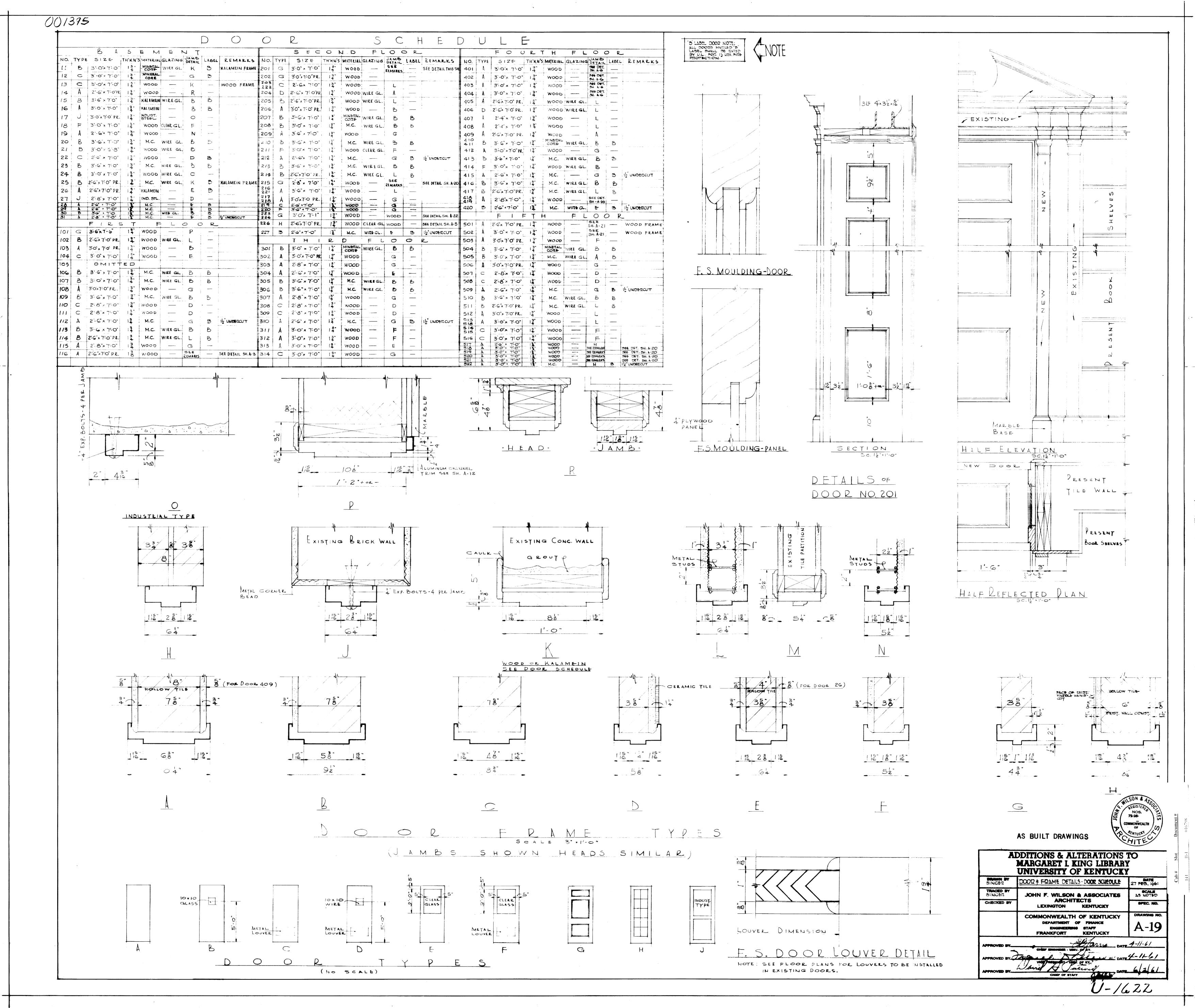


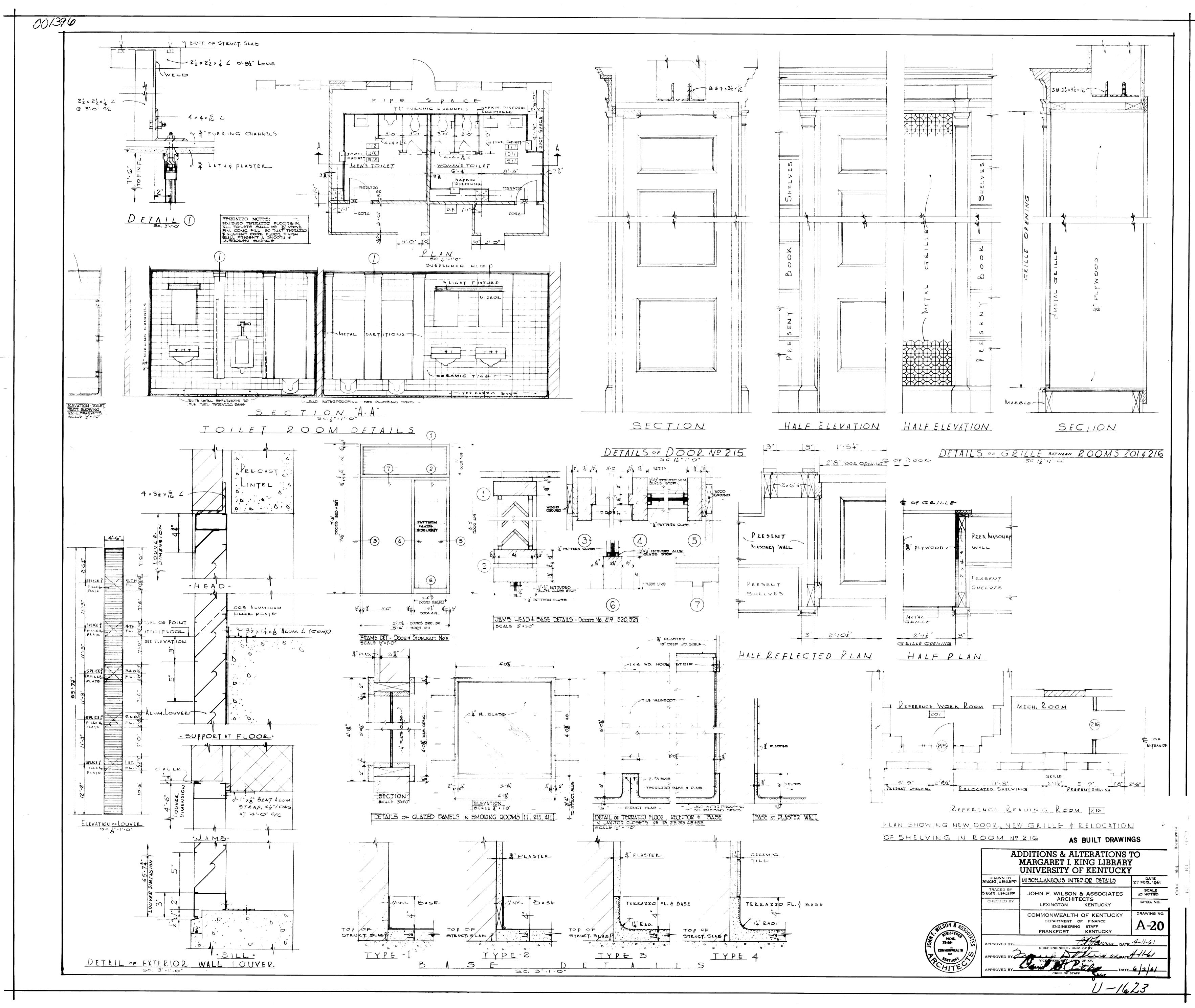


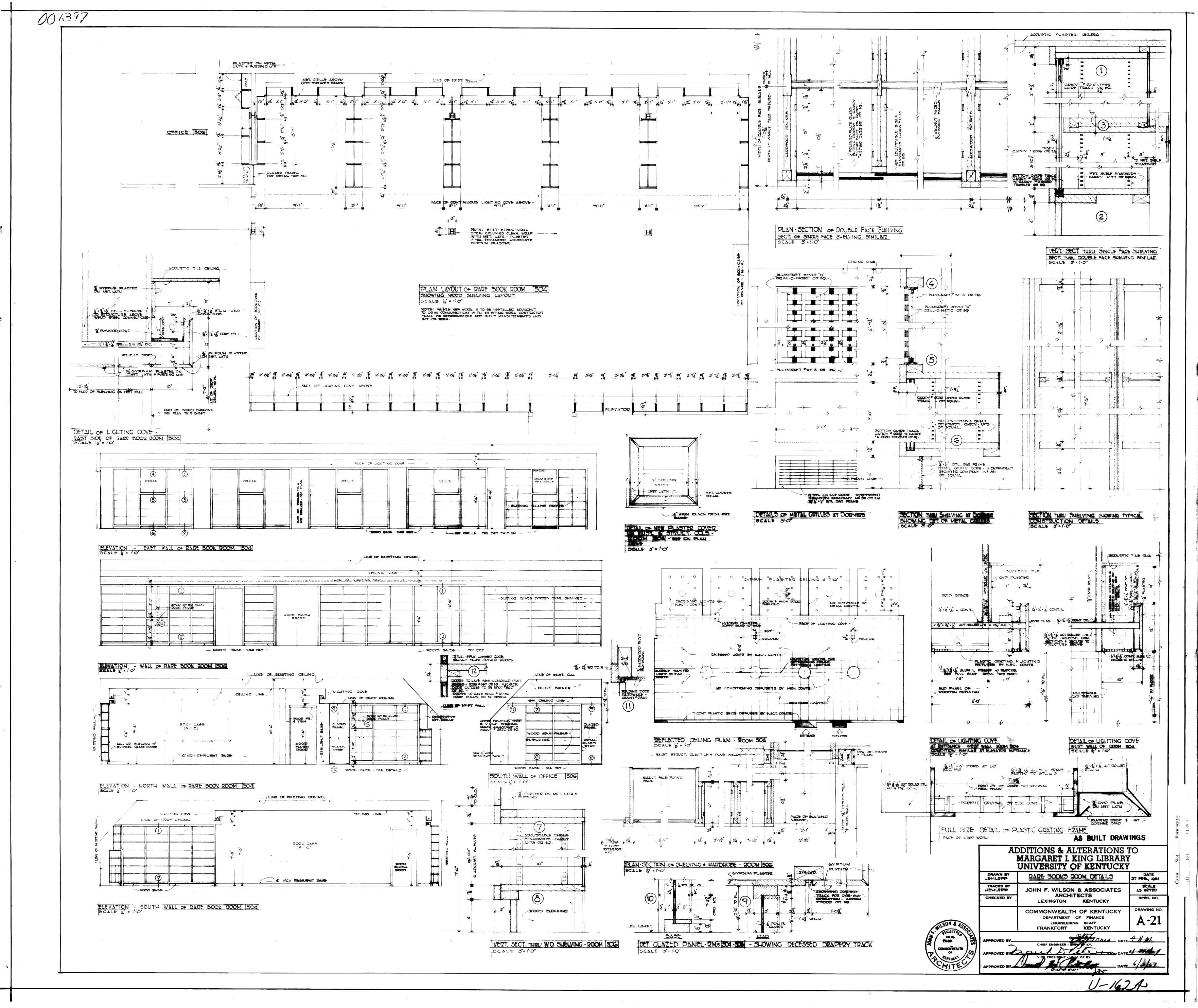


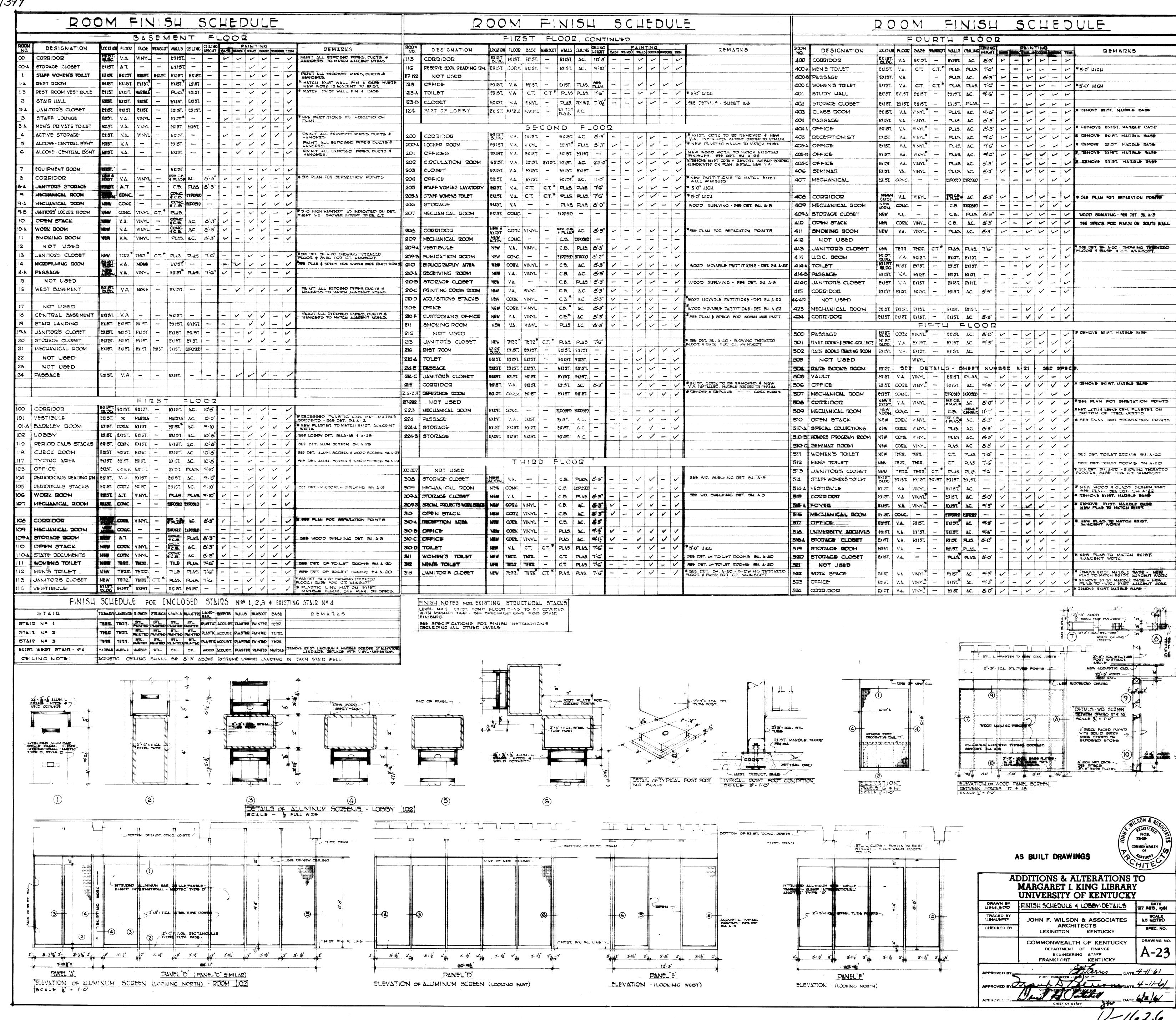


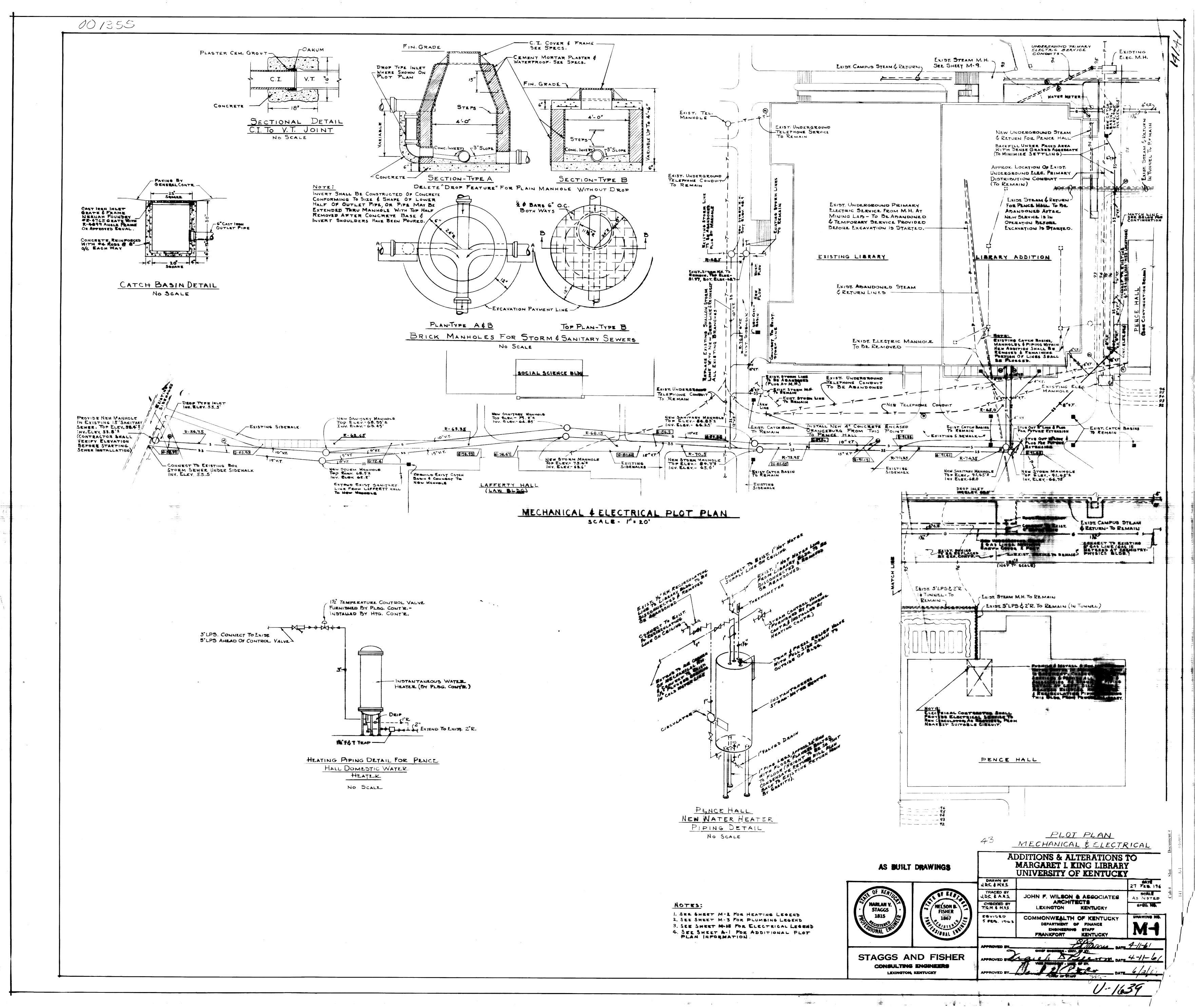


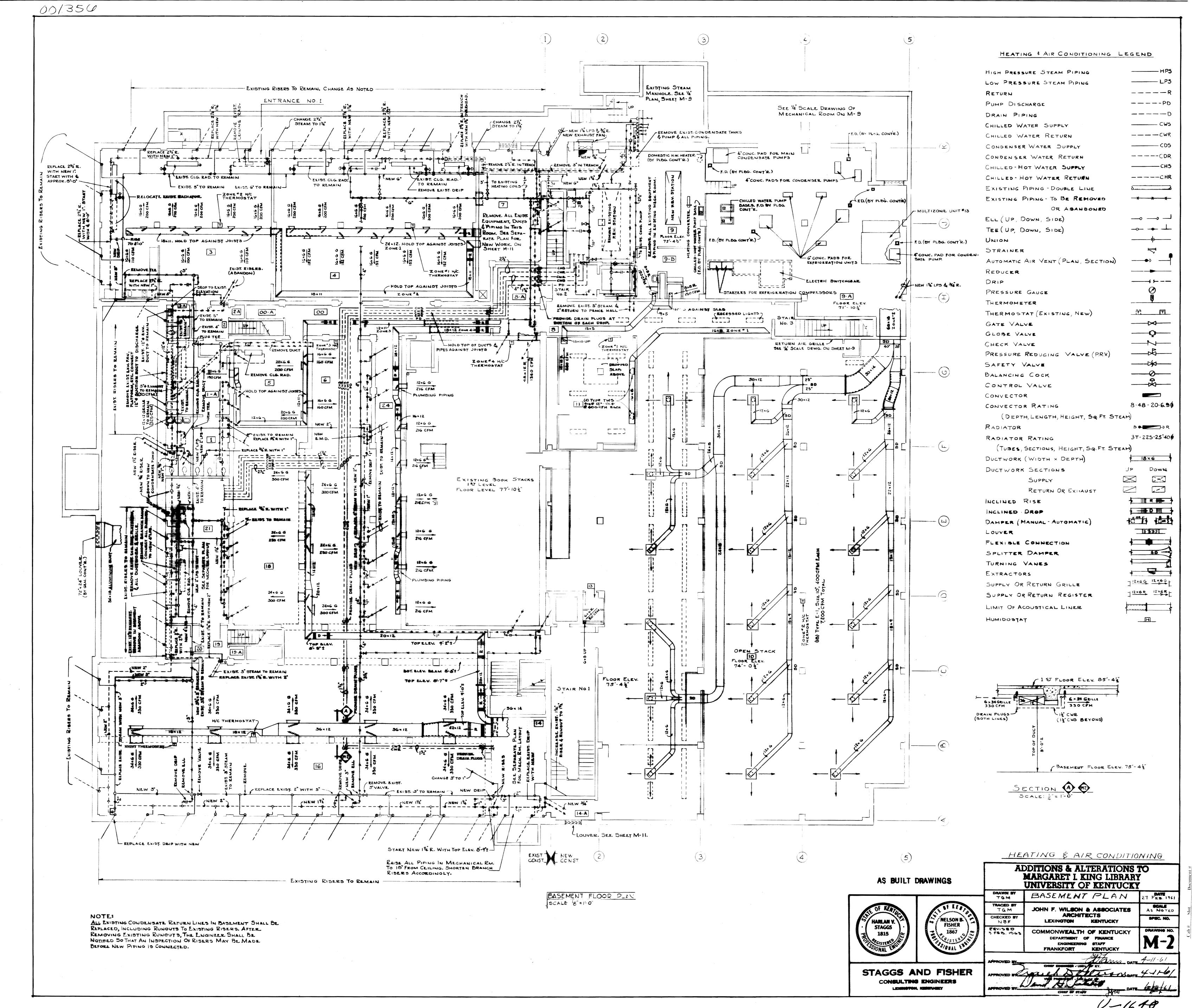




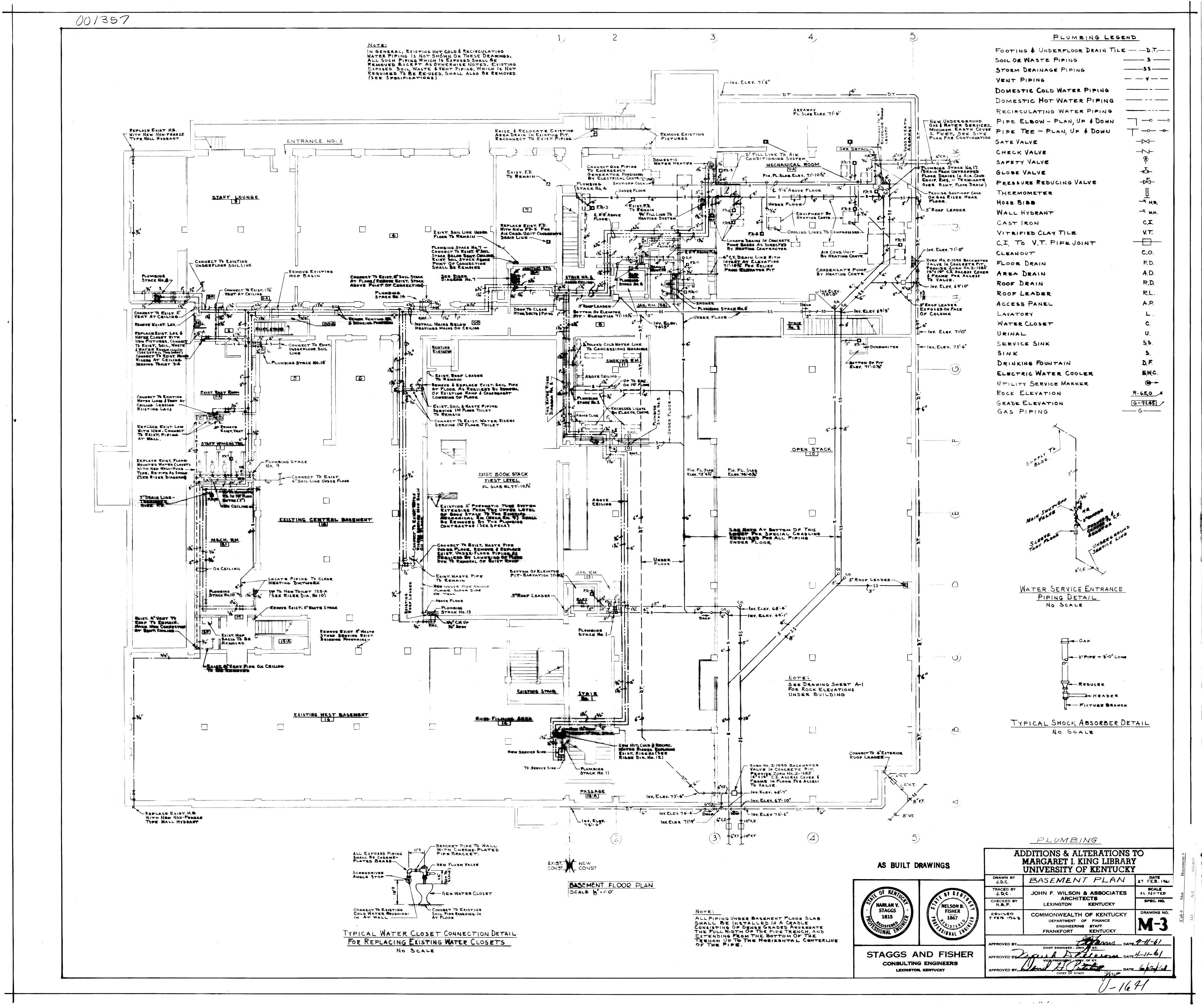


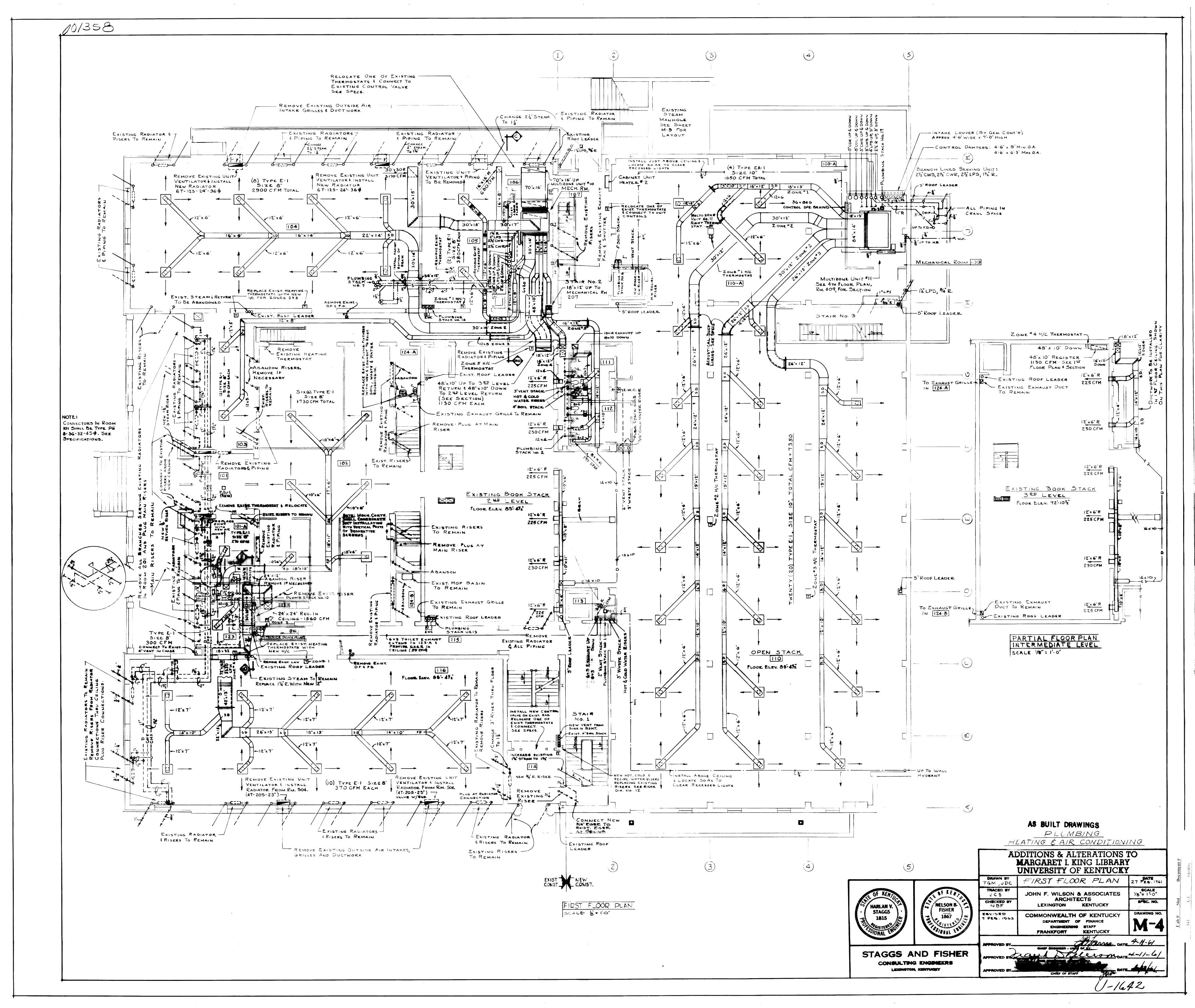


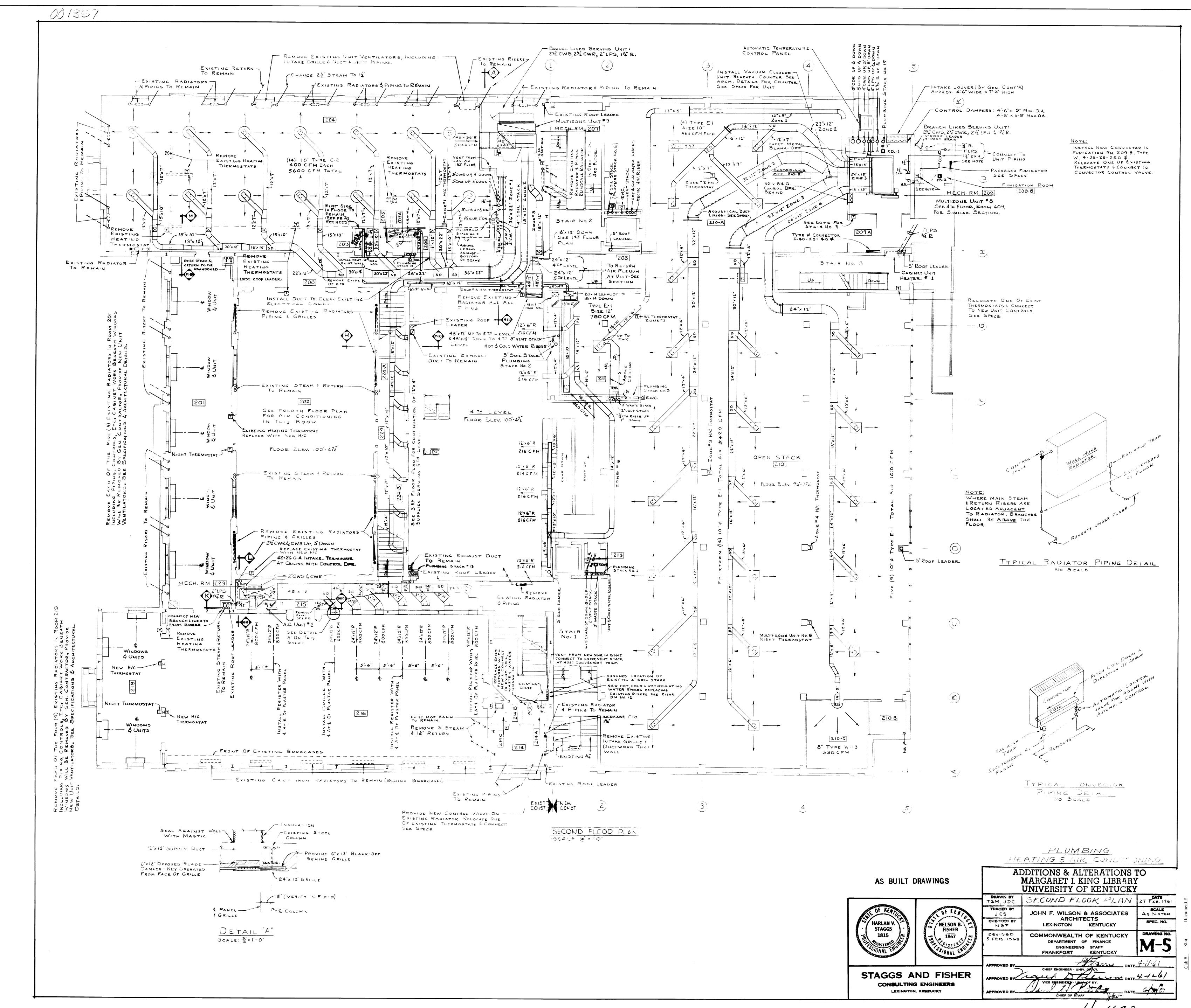




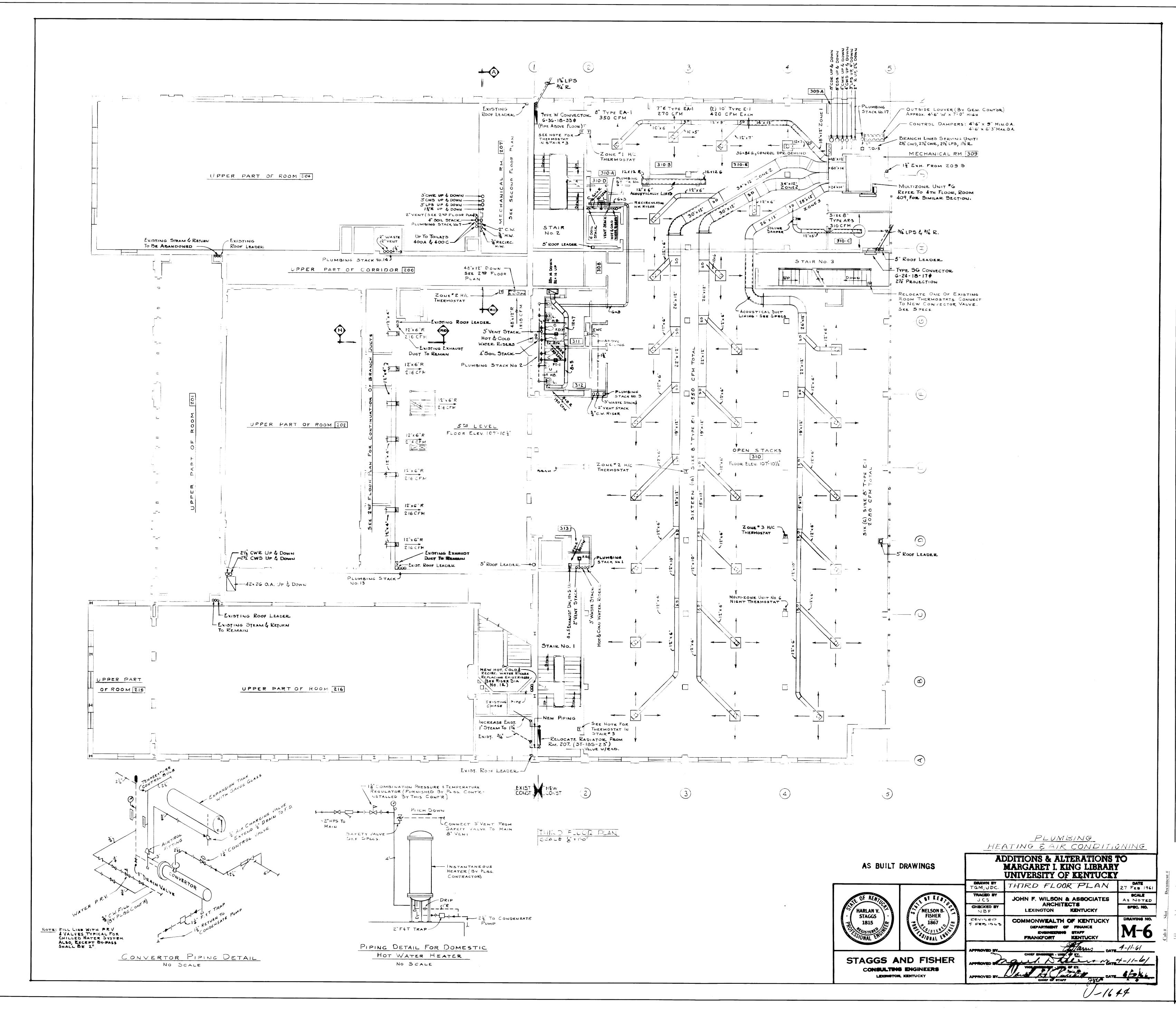
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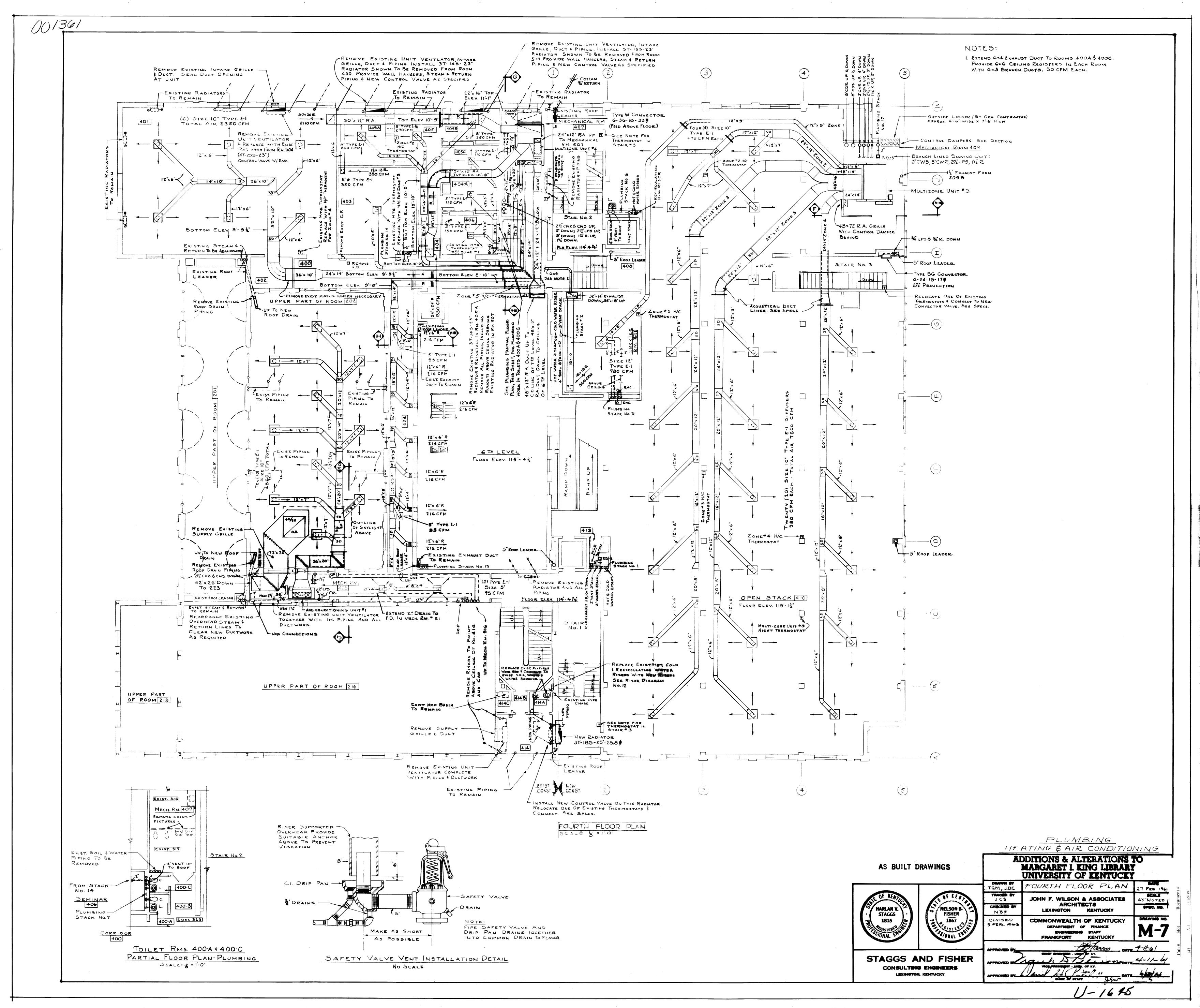


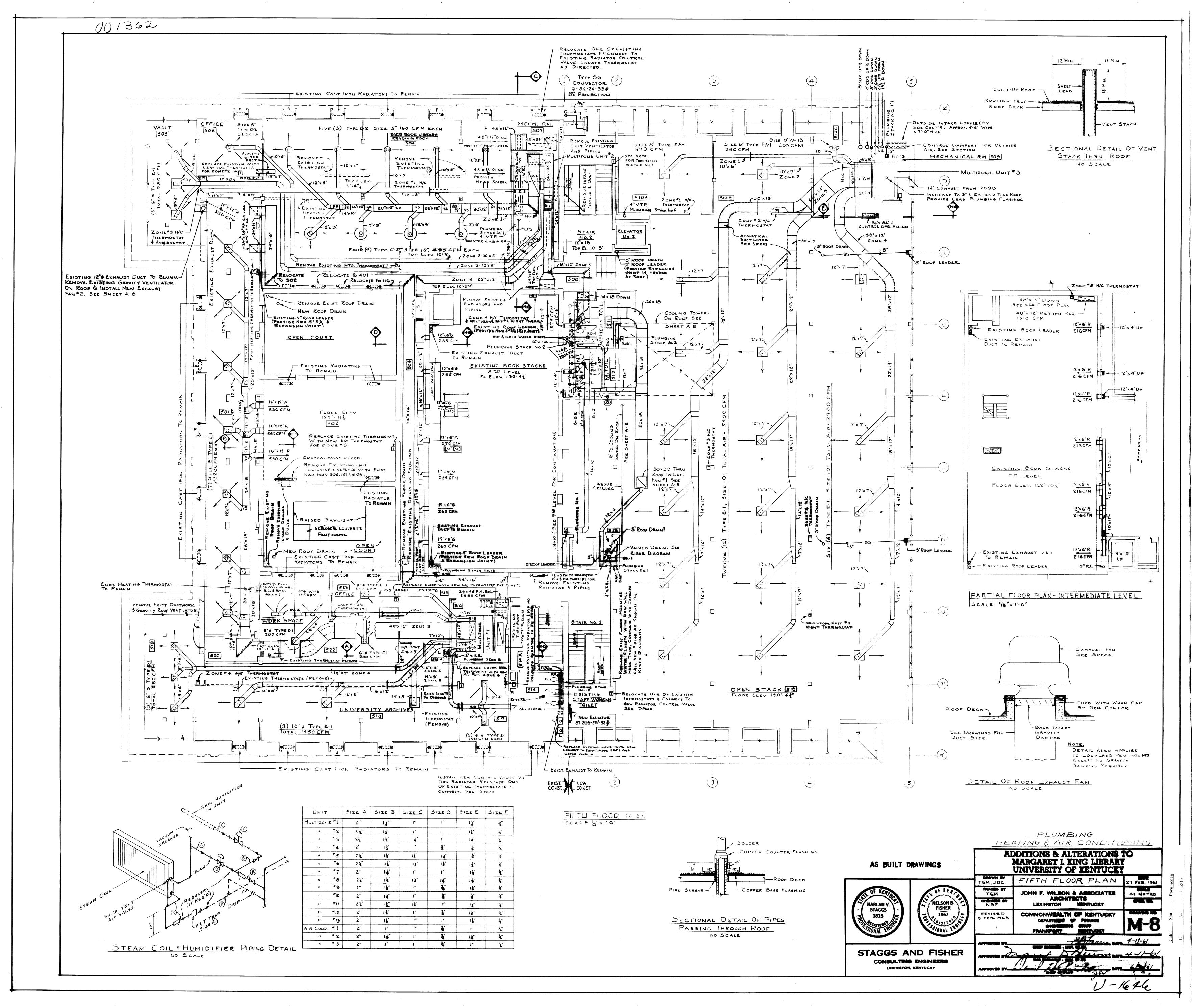


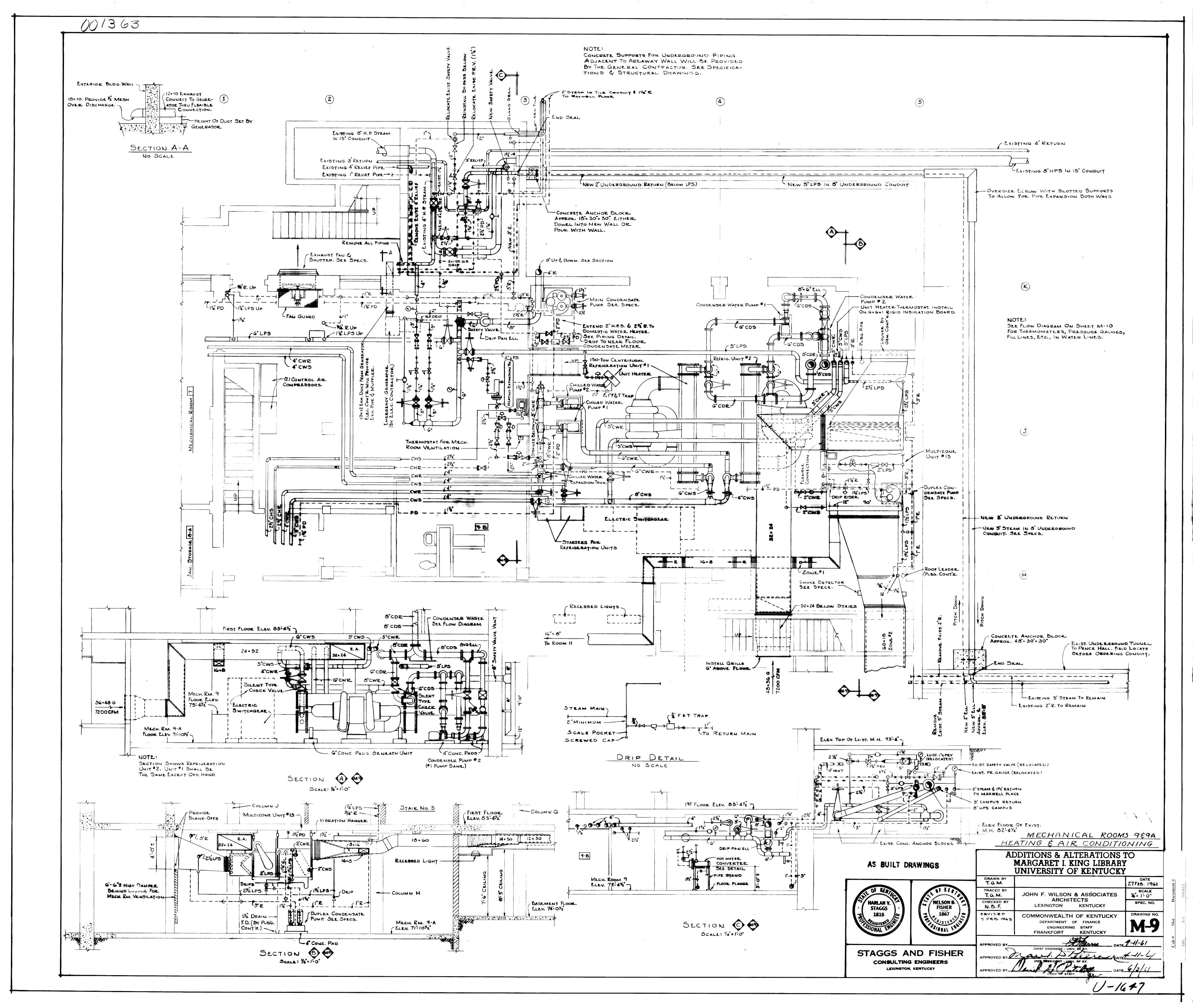


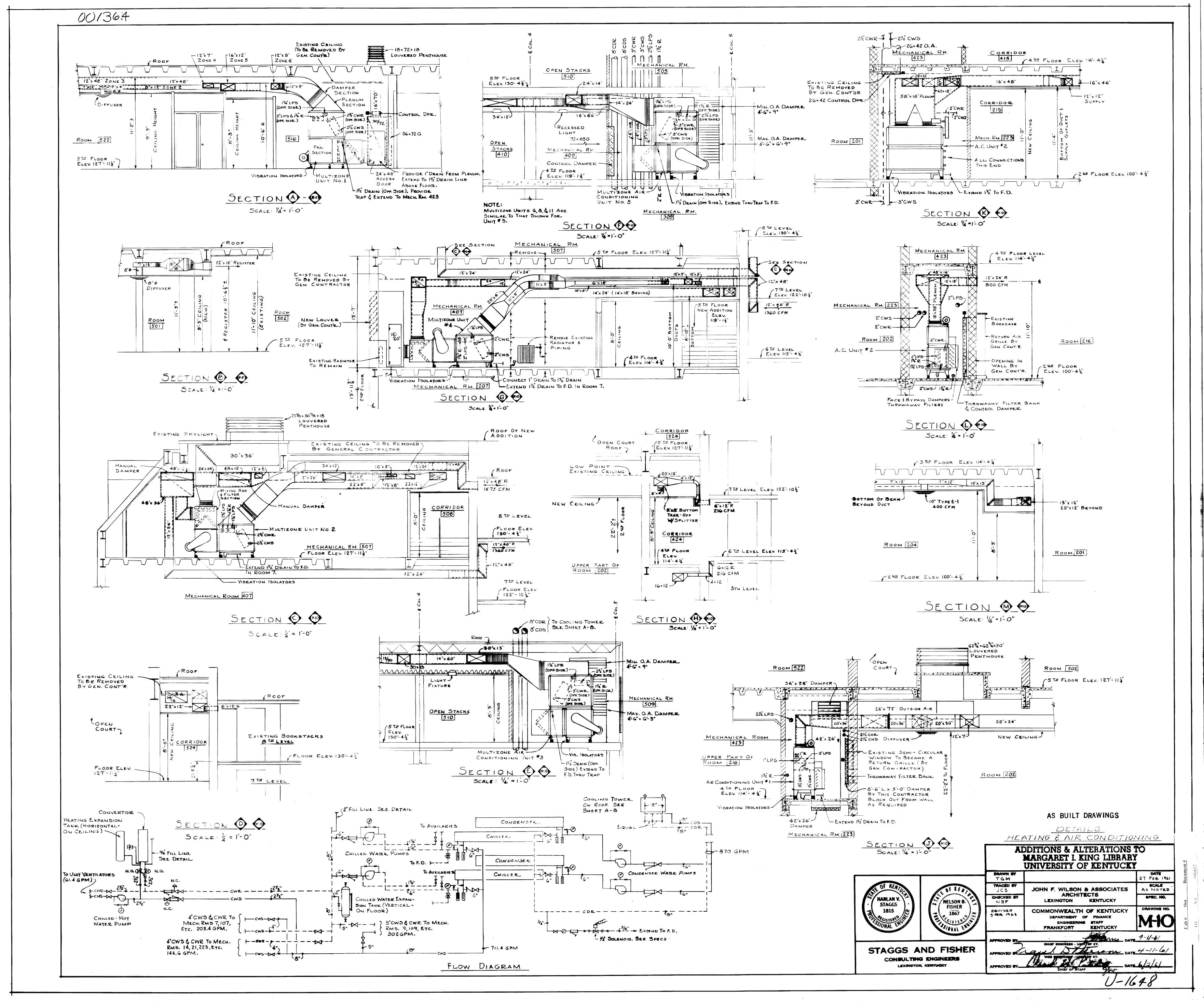
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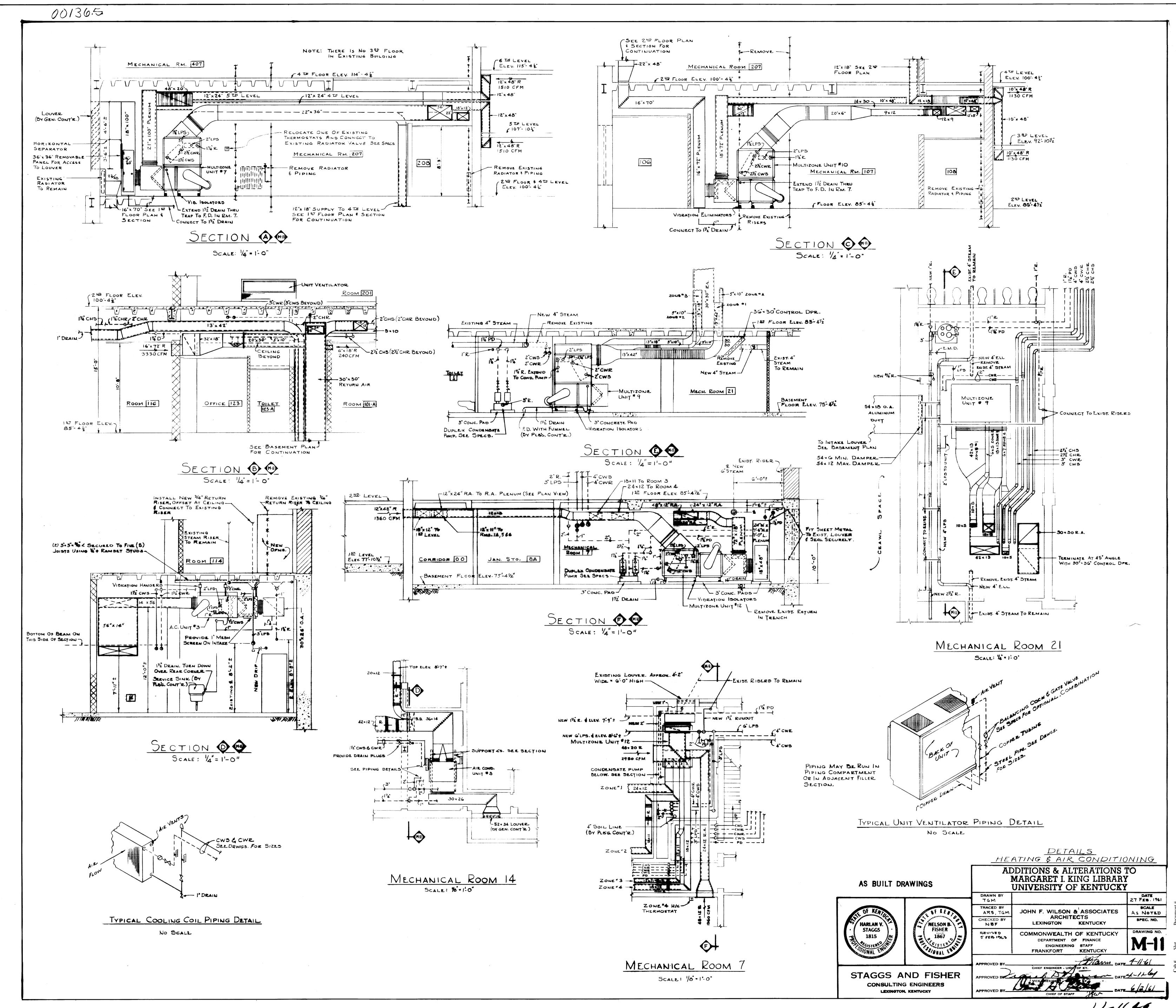




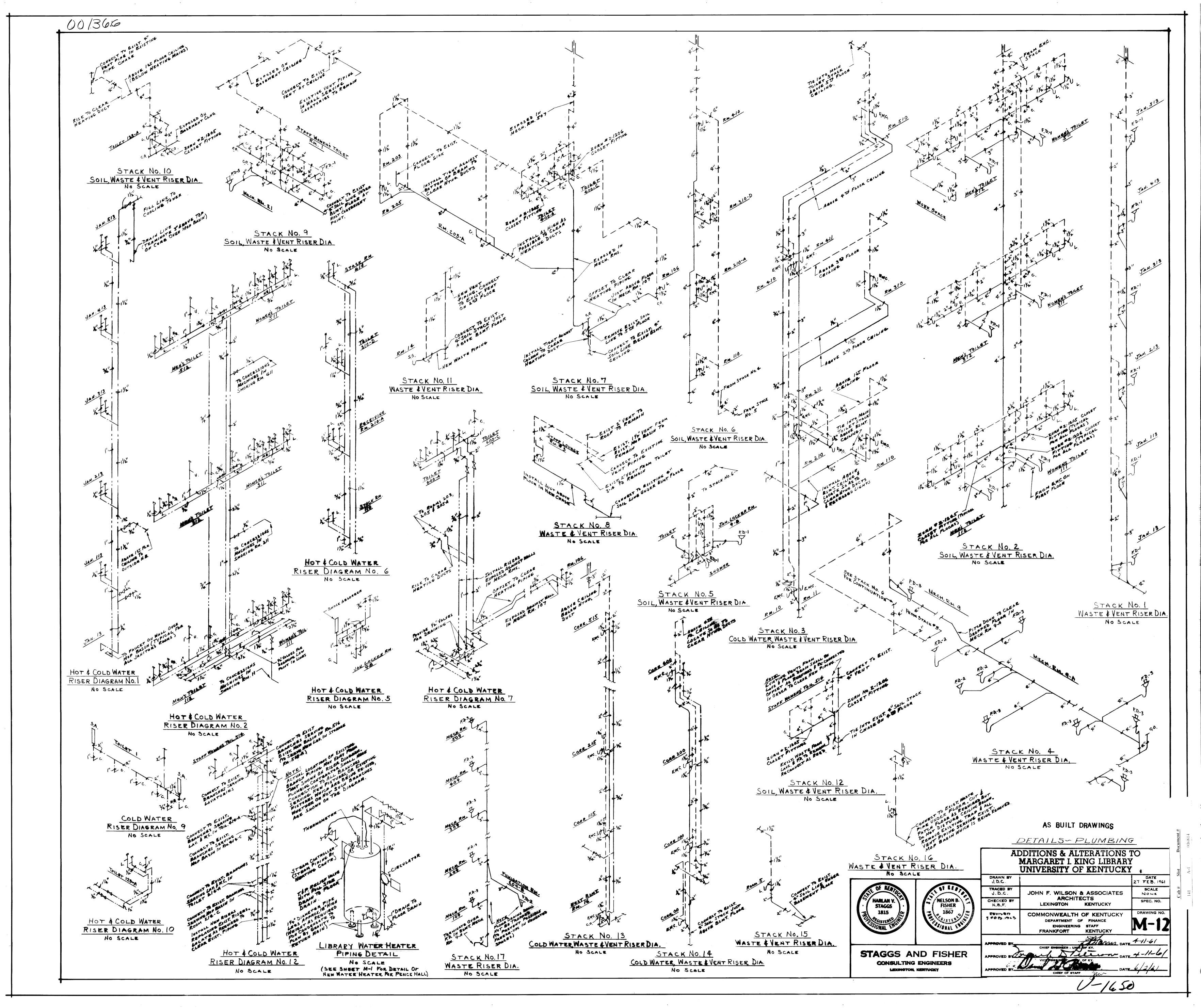


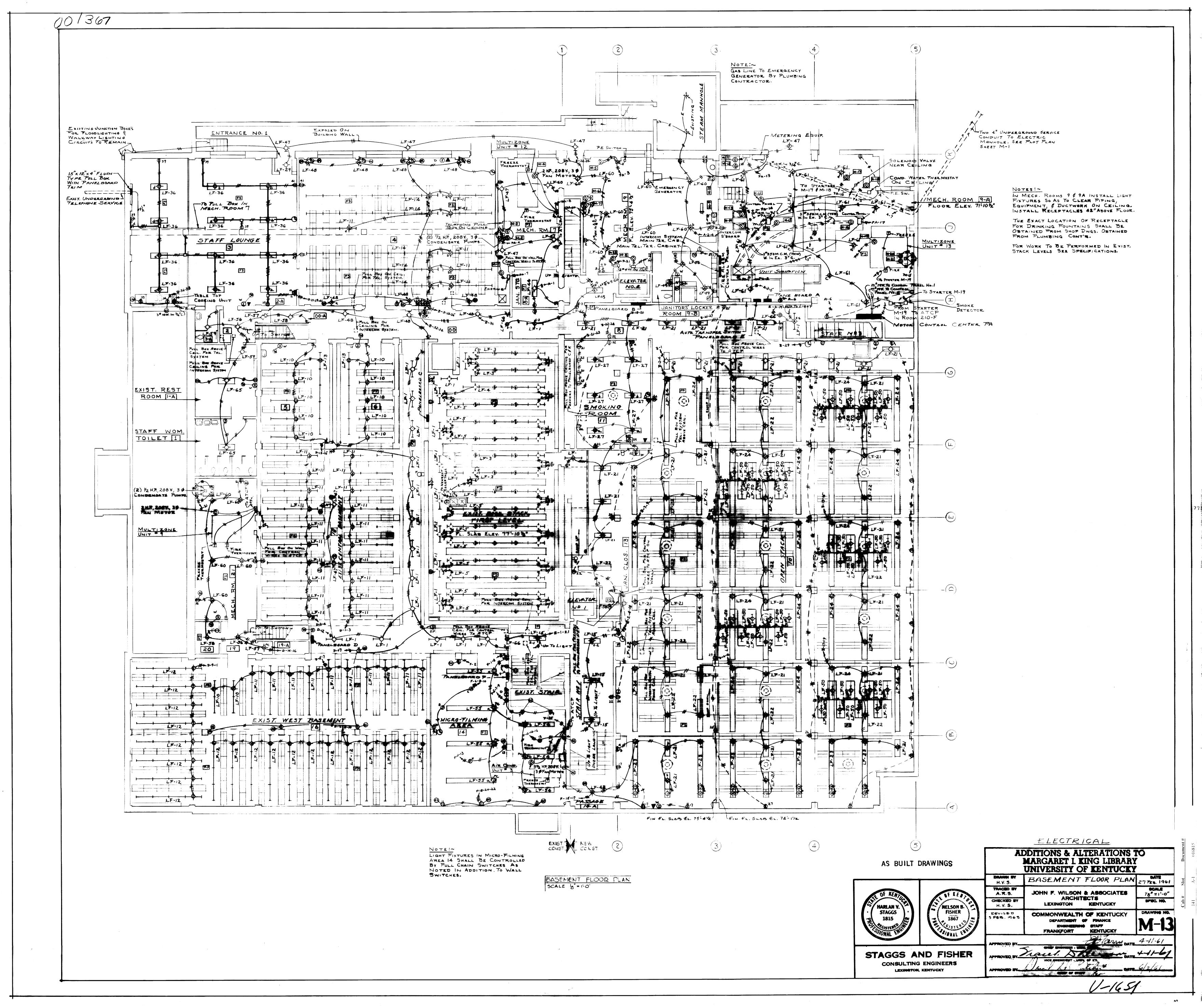


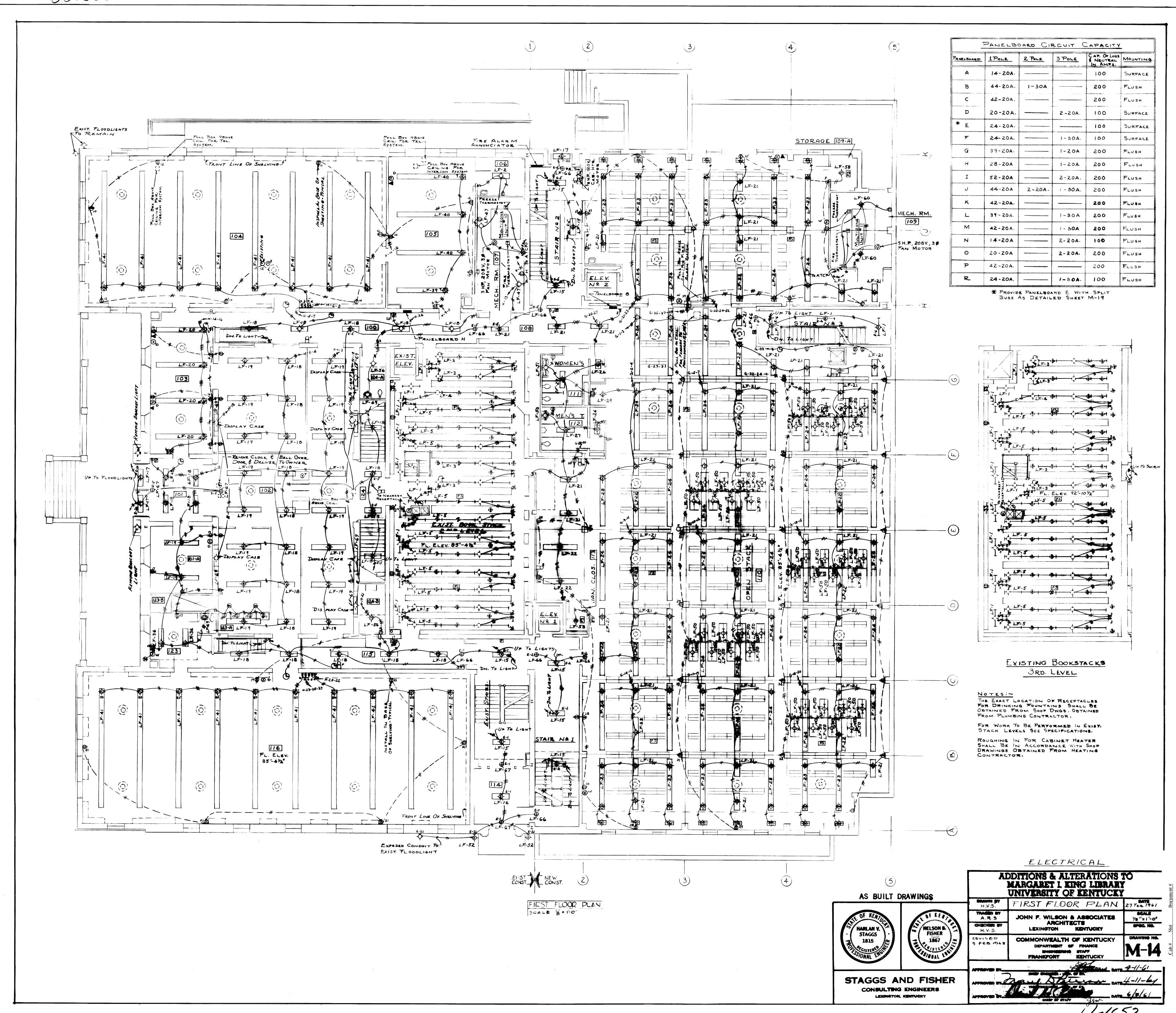


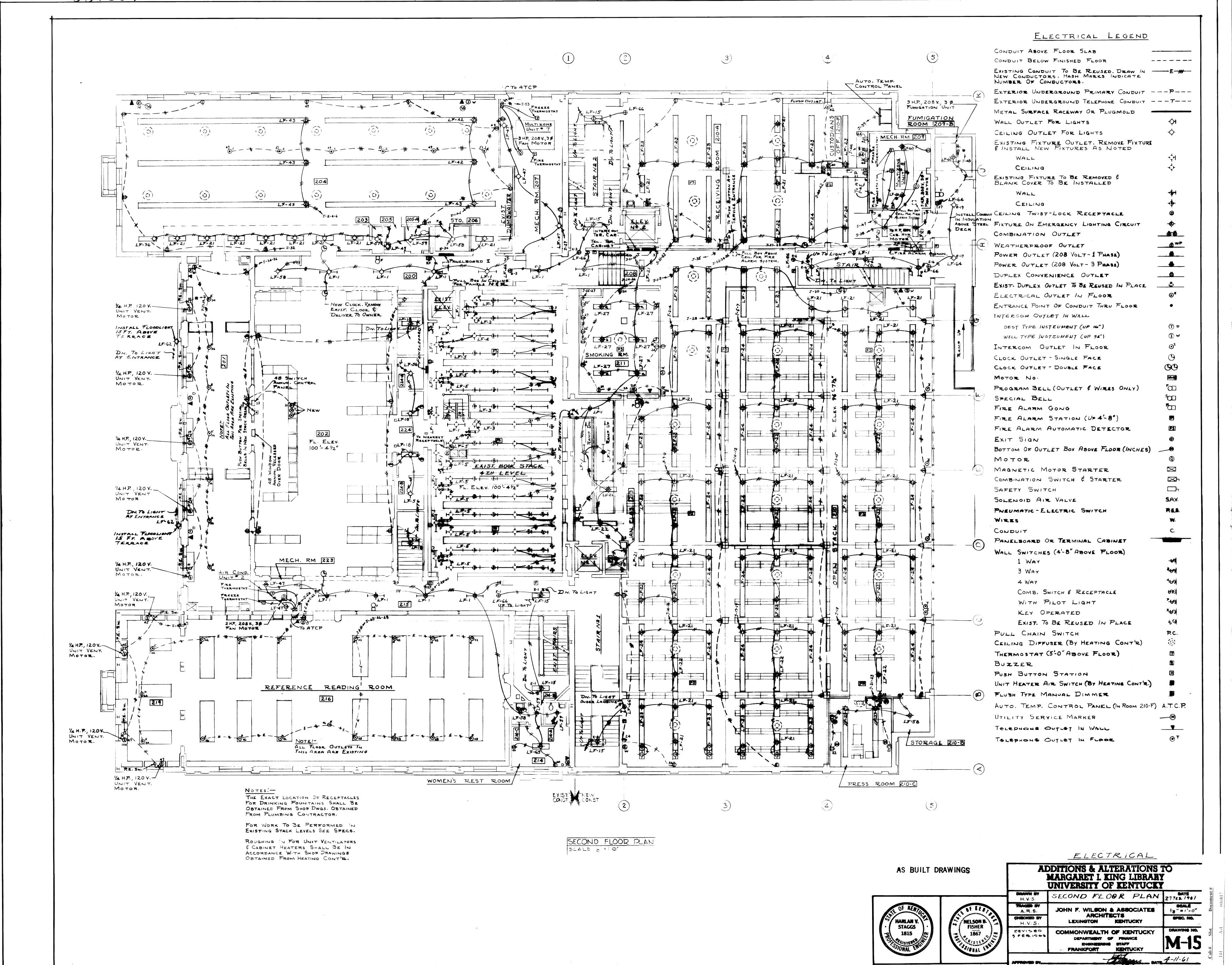


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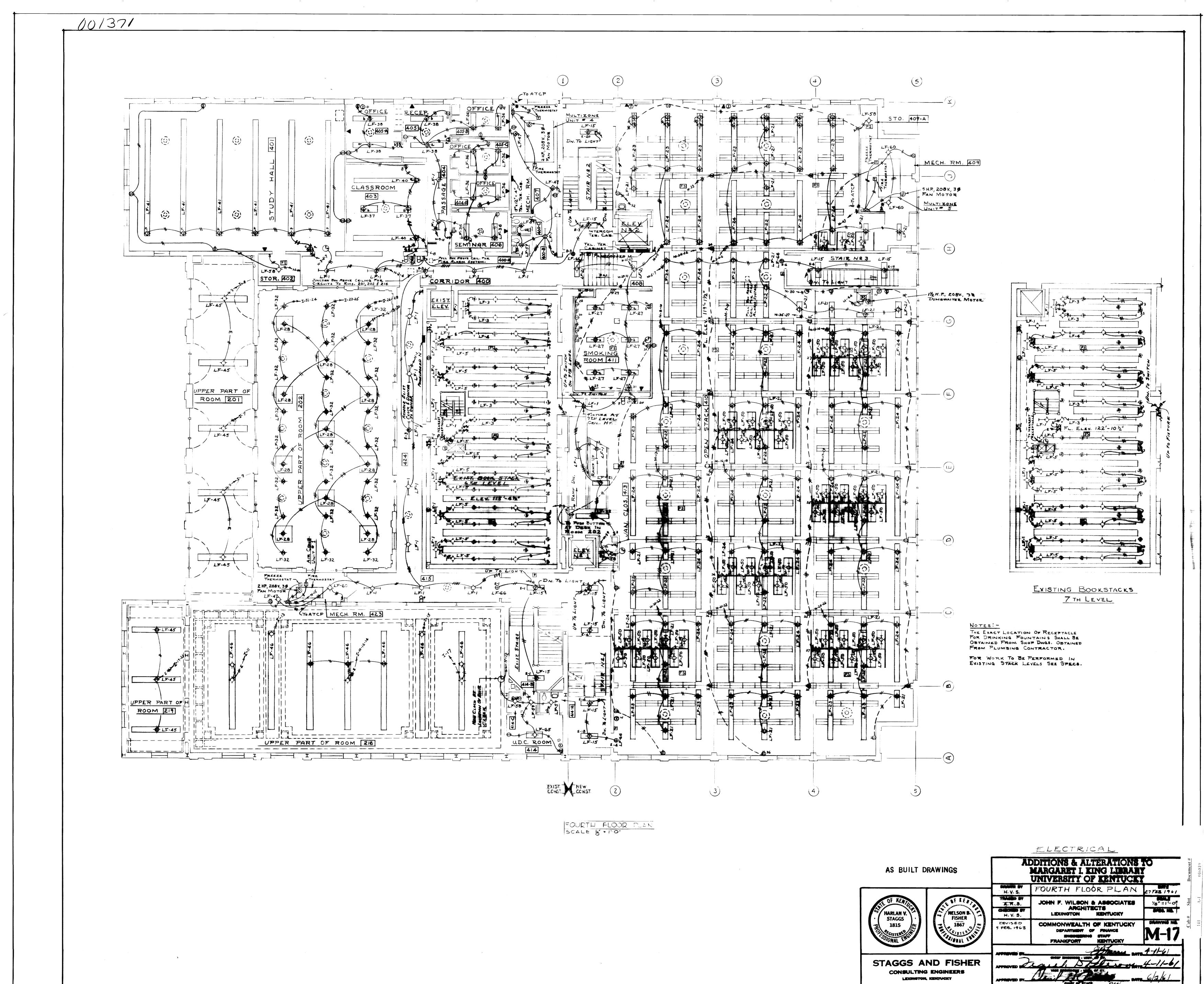




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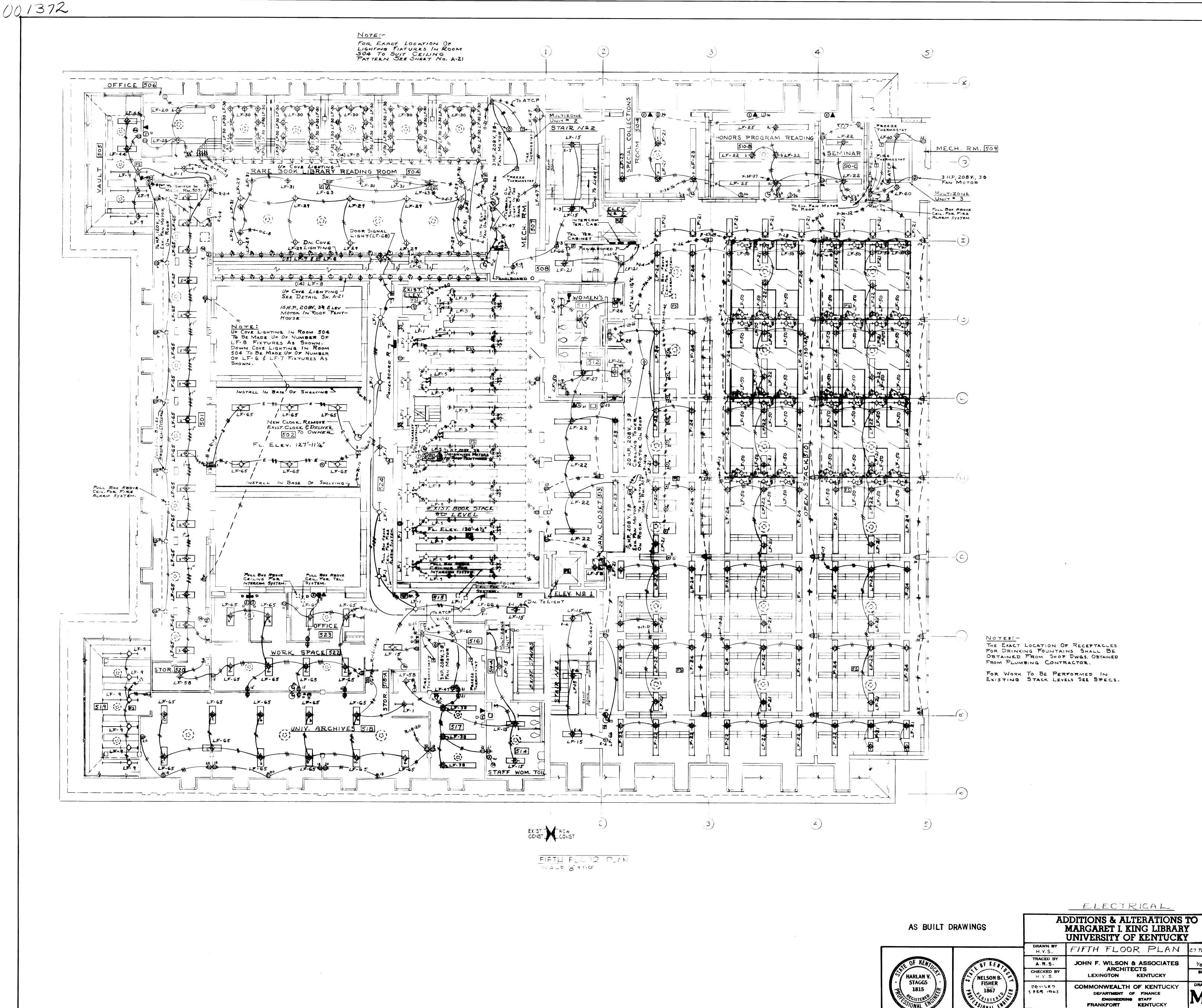
STAGGS AND FISHER

CONSULTING ENGINEERS
LIBURGTON, KENTUCKY



U-1655

M- 111



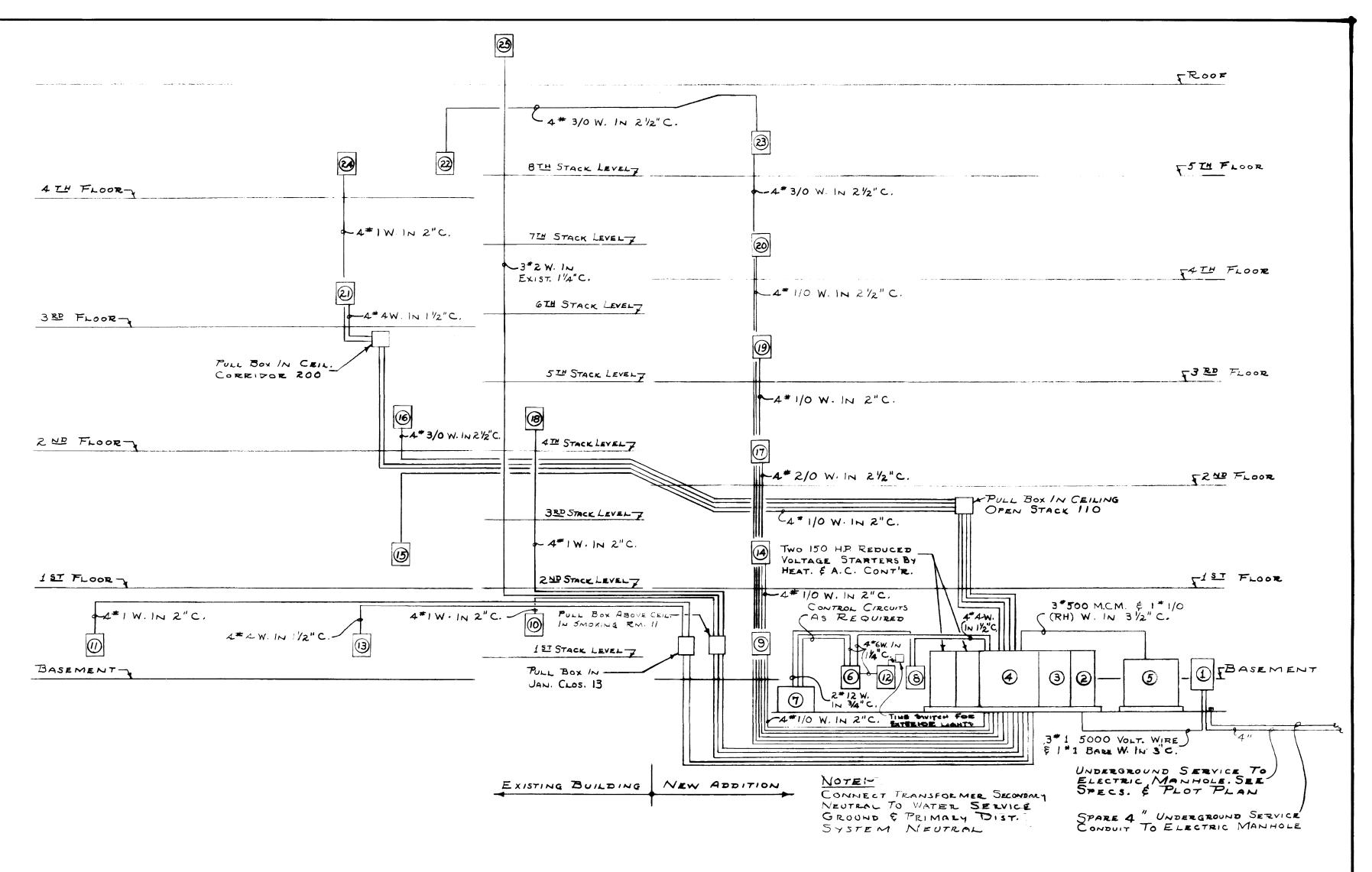
STAGGS AND FISHER

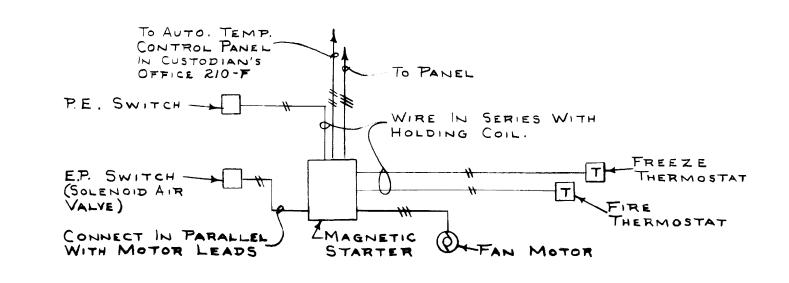
CONSULTING ENGINEERS LEXINGTON, KENTUCKY

27 TEB. 1961

%8" = 1'-0"

SPEC. NO.





TYPICAL BLOCK WIRING DIAGRAM FOR MULTIZONE & AIR CONDITIONING UNITS No SCALE

1	36"x 72"x 14" DEEP GALY. STEEL WALL-MOUNTED METERING TRANSFORMER CABINET.
2	PRIMARY ENTRANCE SECTION OF UNIT SUB- STATION.
3	TRANSFORMER SECTION OF UNIT SUBSTATION

750 KVA, 4160 VOLT & PRIMARY, 2084./120V LOW VOLTAGE SECTION P' OF UNIT SUB-STATION. SEE SCHEDULE. PROVIDE REMOVABLE REAR PANEL FOR FEEDER CONNECTIONS.

MOTOR CONTROL CENTER PA'- MECH. ROOM 9-A. SEE SCHEDULE.

60 AMPERE AUTOMATIC TRANSFER SWITCH,-MECH. ROOM 9-A. 10 KW., 2084. / 1204., 30, AUTO. GENERATOR. MECHANICAL ROOM 9-A.

PANEL BOARD C-EXIST. BOOK STACK-191 LEVEL

PANELBOARD A - MECH. ROOM 9-A PANELBOARD B - CORRIDOR 8

PANELBOARD D - STACK AREA 16 EMERG. PANELBOARD E - MECH. ROOM 9-A PANELBOARD F - MICROFILMING 14 PANELBOARD G- CORRIDOR 108 PANELBOARD H - CORRIDOR 100 PANELBOARD I - CORRIDOR 200 PANELBOARD J - CORRIDOR 208 PANEL BOARD K-EXIST. BOOK STACK-4Th LEVEL PANELBOARD L -- OPEN STACK 310 PANEL BOARD M - CORRIDOR 408 PANELBOARD N- CORRIDOR 424 PANELBOARD O- CORRIDOR 508 PANELBOARD P - CORRIDOR 508 PANELBOARD R - CORRIDOR 524 SAFETY SWITCH IN ROOF PENTHOUSE FOR EXIST. ELEVATOR DRIVE.

-			
L LECTRICAL	DISTRIBUTION	RISER	DIAGRAM
	A / - C		

	į.	1		
MOTOR No.	APPLICATION	H.P. VOLTAGE PHASE	CONTROL	REMARKS
M-1	EXISTING DUMBWAITER	2-208-3	CONTROL BOARD	
M-2	CONDENSATE PUMP	1/2-208-3	FLOAT SWITCH \$ ALTERNATOR	
M-3	CONDENSATE PUMP No. 1	1/2-208-3	FLOAT SWITCH \$ ALTERNATOR	
M-4	MULTI-ZONE UNIT No. 12	2-208-3	PE SWITCH	
M-5	EXHAUST FAN	1/2-208-3	PE SWITCH	2 - SPEED 2 - WINDING.
M-6	AIR COMPRESSOR	3-208-3	PRESSURE SWITCH	
M-7	AIR COMPRESSOR	5-208-5	PRESSURE SWITCH	
M - 8	ELEVATOR No. 2	15-208-3	CONTROL PANEL	
M-9	CHILLED-HOT WATER	1/2-208-3	MANUAL	
M-10	Dom. HOT WATER RECIRCULATOR	1/6-120-1	RISERTHERM	
M-11	CONDENSATE PUMP	3-208-3	FLOAT SWITCH ALTERNATOR	
M-12	CONDENSATE PUMP No. 2	3-208-3	FLOAT SWITCH & ALTERNATOR	
M-13	CHILLED WATER PUMP	72-208-3	CONTROL PANEL	
M-14	CHILLED WATER PUMP	71/2-208-3	CONTROL PANEL	
M-15	REFRIG. UNIT	150-208 -3	CONTROL PANEL	
M-16	REFRIG. UNIT COMPRESSOR	150-208-3	CONTROL PANEL	
M-17	CONDENSER WATER PUMP	5-208-3	CONTROL PANEL	
M-18	CONDENSER WATER PUMP	5-208-3	CONTROL PANEL	
M-19	MULTI - ZONE UNIT	E-808-E	PE SWITCH	
M-20	CONDENSATE PUMP	1/2-208-3	FLOAT SWITCH & ALTERNATOR	
M-21	CONDENSATE PUMP	Y2-208-3	FLOAT SWITCH # ALTERNATOR	
M-ZZ	UNIT HEATER	YB-120-1	THERMOSTAT	

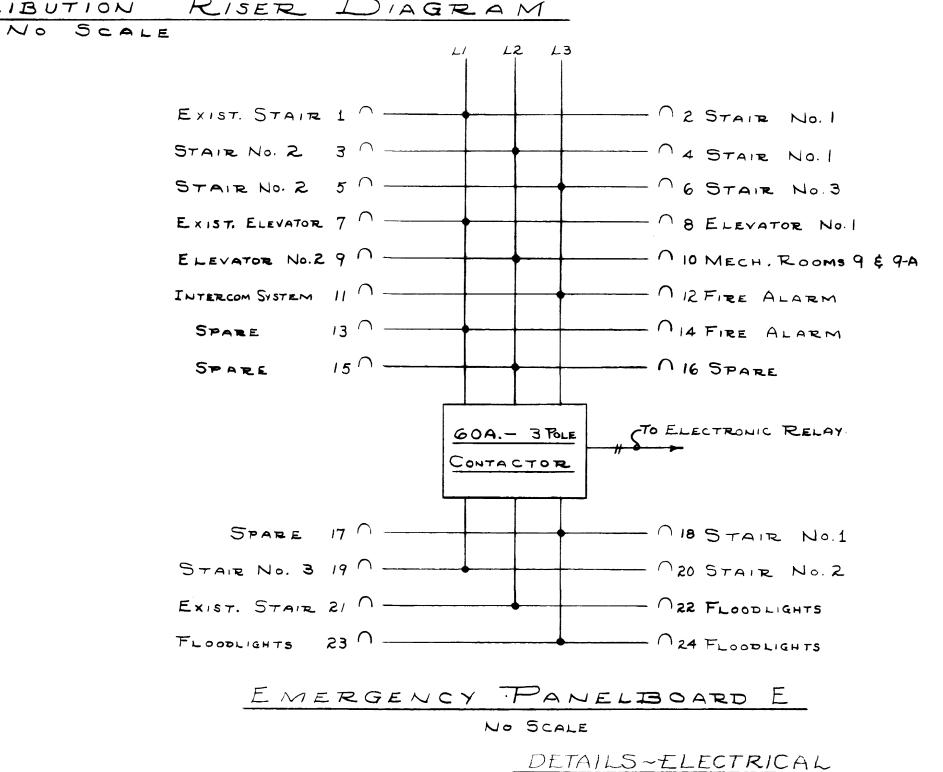
15-208-3 CONTROL PANEL

M-23 | ELEVATOR No. 1

50	CHEDULE OF MO-	TOR CONTROL CE	ENTER (PA)
No.	APPLICATION	CIRCUIT	REMARKS
PA-1	CONTROL PANEL No. 1	20A 2 POLE	
PA-2	CONTROL PANEL No. 2	20A 2 Pole	
PA-3	EXHAUST FAN	2.8A 3 POLE	MOTOR M-5
PA-4	CONDENSATE PUMP No. 1	6A 3 POLE	MOTORS M-2 & M-
PA-5	CONDENSATE PUMP No. 3	6A 3 POLE	MOTORS M-20 \$ M-2
PA-6	CHILLED-HOT WATER PUMP	7A 3 POLE WITH AUTO, MOTOR STARTER	MOTOR M-9. PROVIDE START- STOP PUSH BUTTON IN COVER.
PA-7	Exist. Dumbwaiter Drive	9A 3 POLE	MOTOR M-1. CONNECT EXIST. SAFETY SWITCH
PA-8	MULTI - ZONE UNIT No. 12	9A 3 POLE	MOTOR M-4
PA-9	MULTI-ZONE UNIT No. 13	12 A 3 Pole WITH AUTO. MOTOR STARTER	MOTOR M-19
PA-10	CONDENSER WATER PUMP	* 20A 3 Pole WITH AUTO, MOTOR STARTER	MOTOR M-17 PROVIDE EXTRA SE OF CONTACTS.
PA-11	CONDENSER WATER PUMP No. 2	* 20A 3 POLE WITH AUTO, MOTOR STARTER	MOTOR M-18 PROVIDE EXTRA SET OF CONTACTS.
PA-12	AIR COMPRESSORS	30A 3 Pole	MOTORS M-6 & M-
P A-13	CONDENSATE PUMP No. 2	30A. — 3 Pole	Мотокs M-11 & M-1
PA-14	CHILLED WATER PUMP	*30A-3 POLE (60A, FRAME) WITH AUTO, MOTOR STARTER	MOTOR M-13
PA-15	CHILLED WATER PUMP	*30A 3 POLE (GOA . FRAME) WITH AUTO. MOTOR STARTER	MOTOR M-14
PA-16	COOLING TOWER FAN MOTOR	* 70A. 3 POLE WITH AUTO. MOTOR STARTER	MOTOR ON ROOF CONTROL FROM REFRIG. UNIT NO. 1 CONTROL PANEL.
PA-17	REFRIG. COMPRESSORS OIL PUMPS	20 A - 3 Pole	STARTERS MOUNTED ON RE OF REFRIG. CONTROL PANE

K	PROVIDE	120	VOLT	HOLDING	Co

	SUBSTATION LOW		AGE
No.	APPLIC ATION	POLES	CAP. IA
	MAIN BREAKER	3	2500
P-1	REFRIG. COMPRESSOR	3	600
P-2	REFRIG. COMPRESSOR	3	600
P-3	MOTOR CONTROL CTR. PA	3	400
P-4	PANELBOARD A	3	70
P-5	PANELBOARD B	3	125
P-6	PANELBOARD C	3	100
P-7	PANELBOARD D	3	100
P-8	PANELBOARD E	3	50
P-9	Panelboard F	3	70
P-10	Panelboard G	3	125
P-11	PANELBOARD H	3	125
P-12	Panelboard I	3	175
P-13	PANELBOARD J	3	150
P-14	PANELBOARD K	3	100
P-15	PANELBOARD L	3	125
P-16	PanelBoard M	3	125
P-17	PANELBOARD N	3	70
P-18	PANELBOARDS OF P	3	175
P-19	PANELBOARD R	3	100
P-20	EXIST. ELEVATOR	3	70
P-21	ELEVATOR No. 1	3	70
P-22	ELEVATOR No. 2	3	70



ADDITIONS & ALTERATIONS TO AS BUILT DRAWINGS MARGARET I. KING LIBRARY UNIVERSITY OF KENTUCKY H. V. S. JOHN F. WILSON & ASSOCIATES A.R. 5. ARCHITECTS NELSON B. FISHER CHECKED BY LEXINGTON KENTUCKY STAGGS H. V. S. 1815 RモVISED

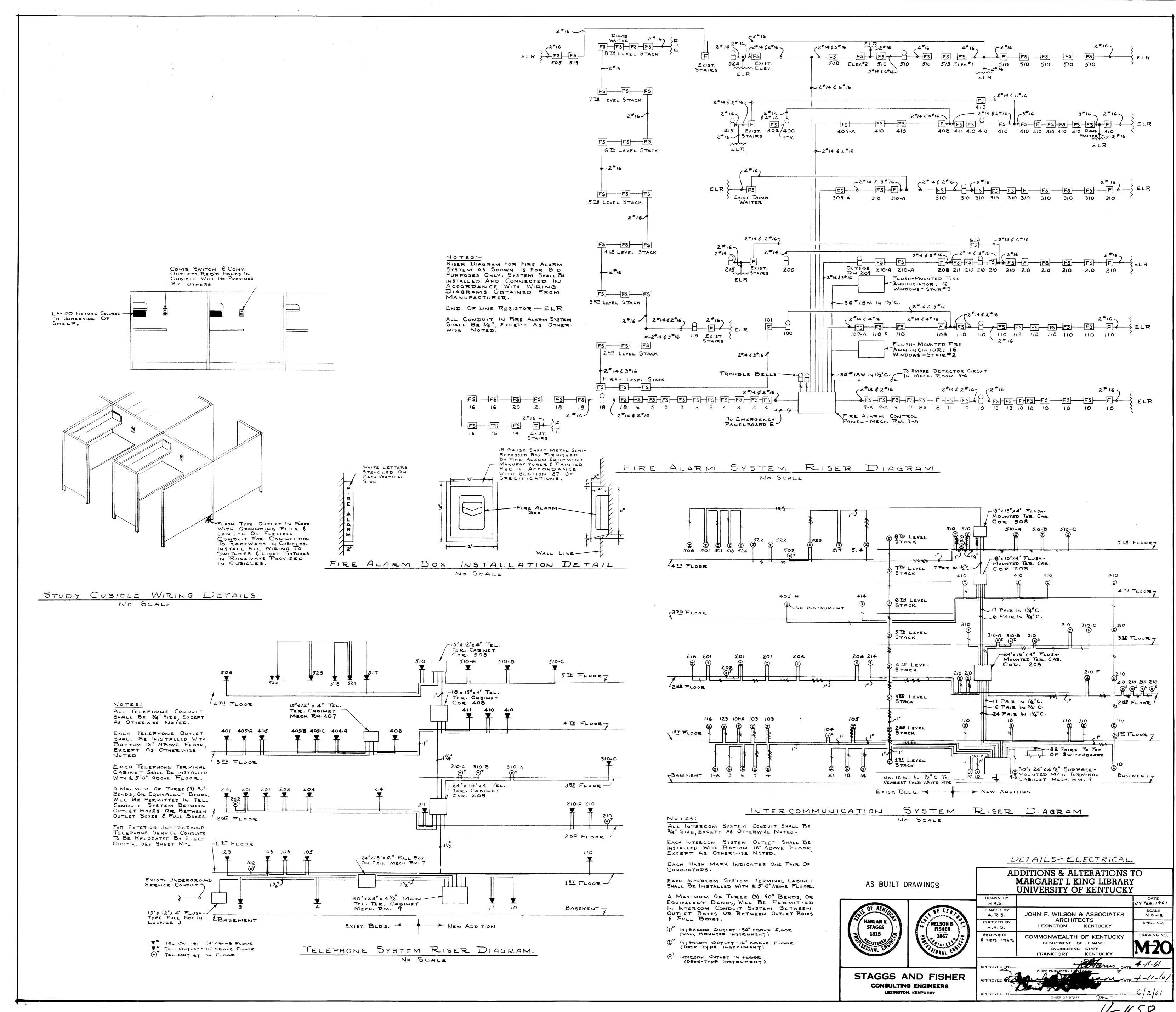
STAGGS AND FISHER CONSULTING ENGINEERS LEXINGTON, KENTUCKY

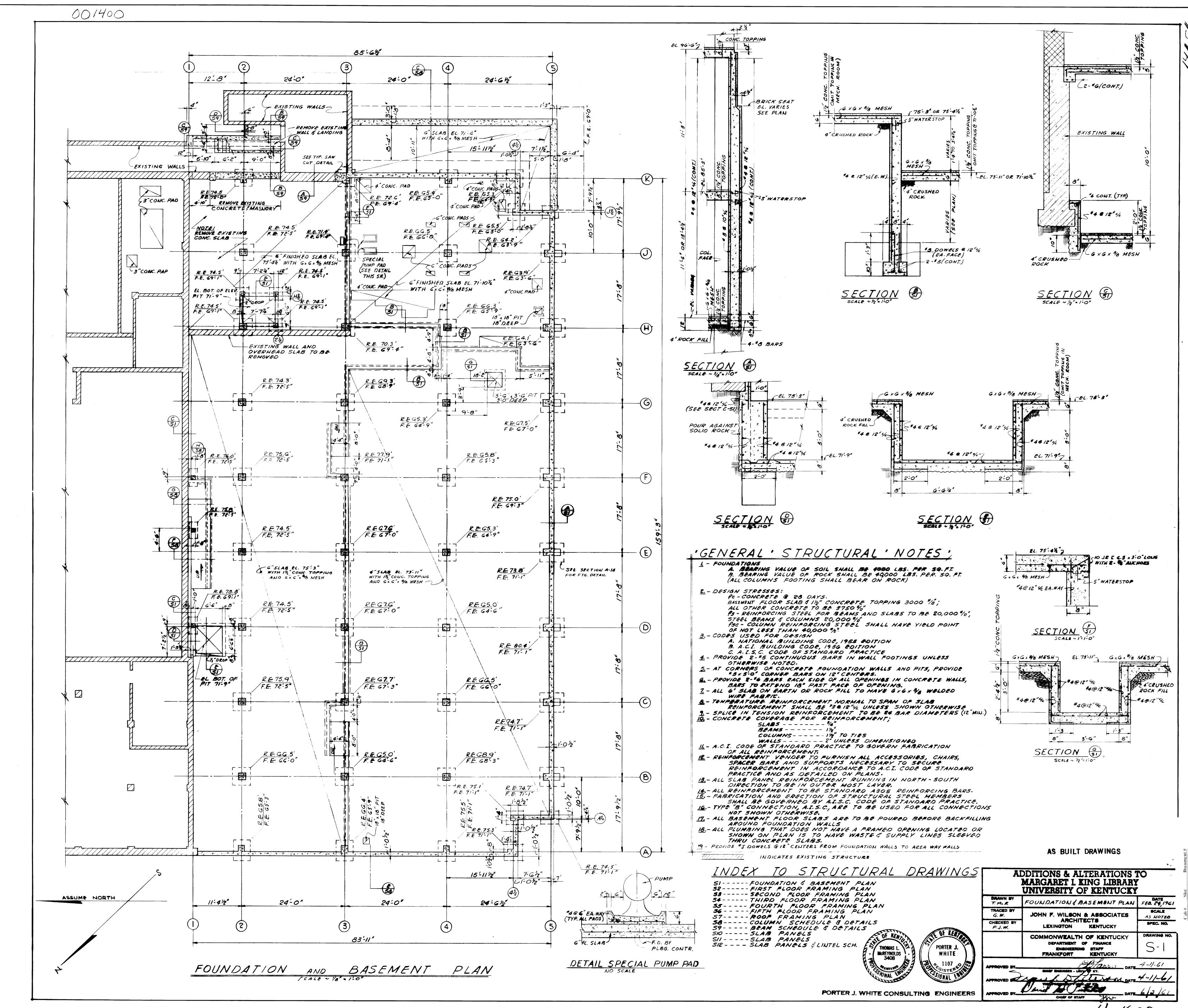
DRAWING NO. COMMONWEALTH OF KENTUCKY 5 FEB. 1963 ENGINEERING STAFF FRANKFORT KENTUCKY Charris DATE 4-11-61

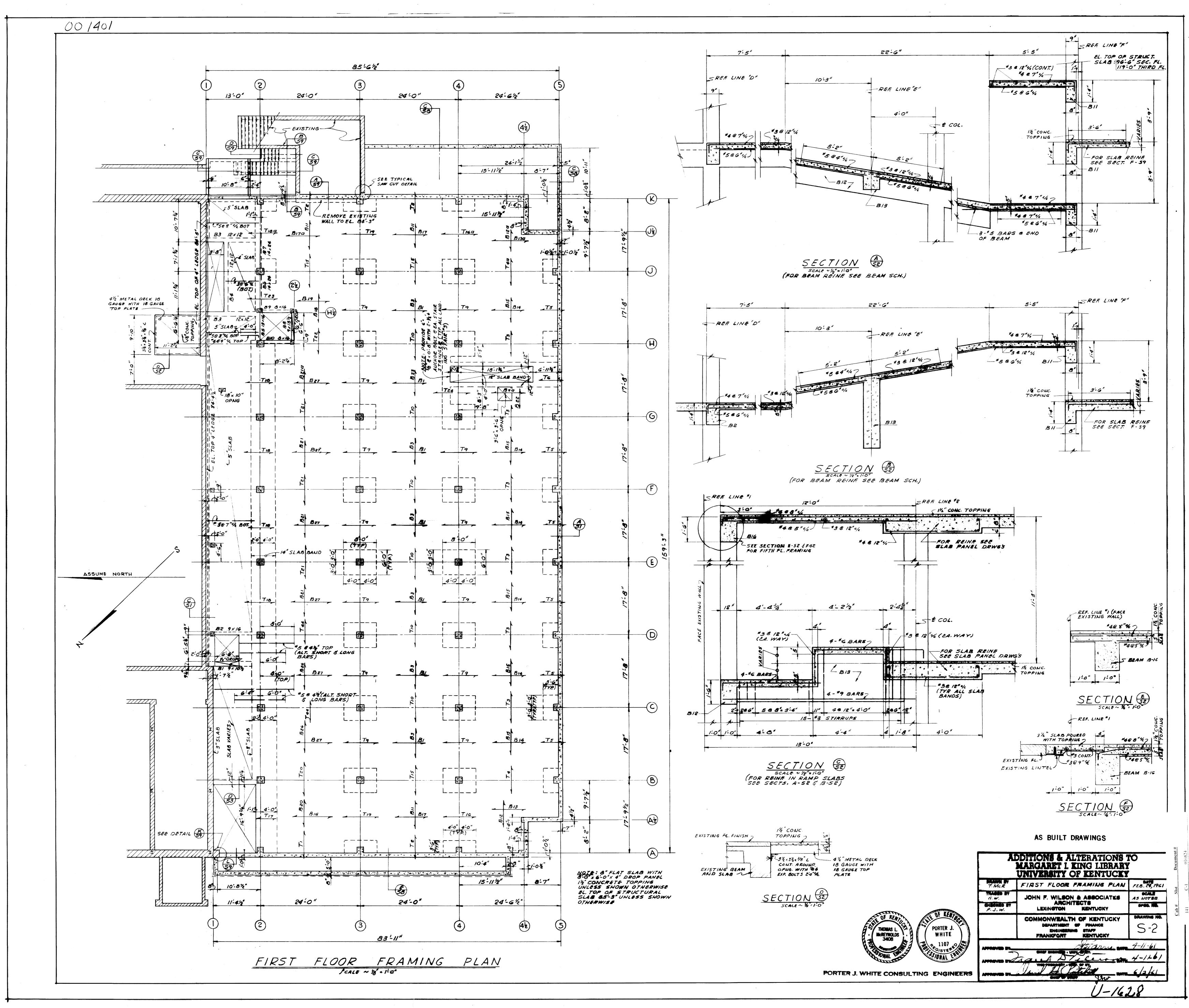
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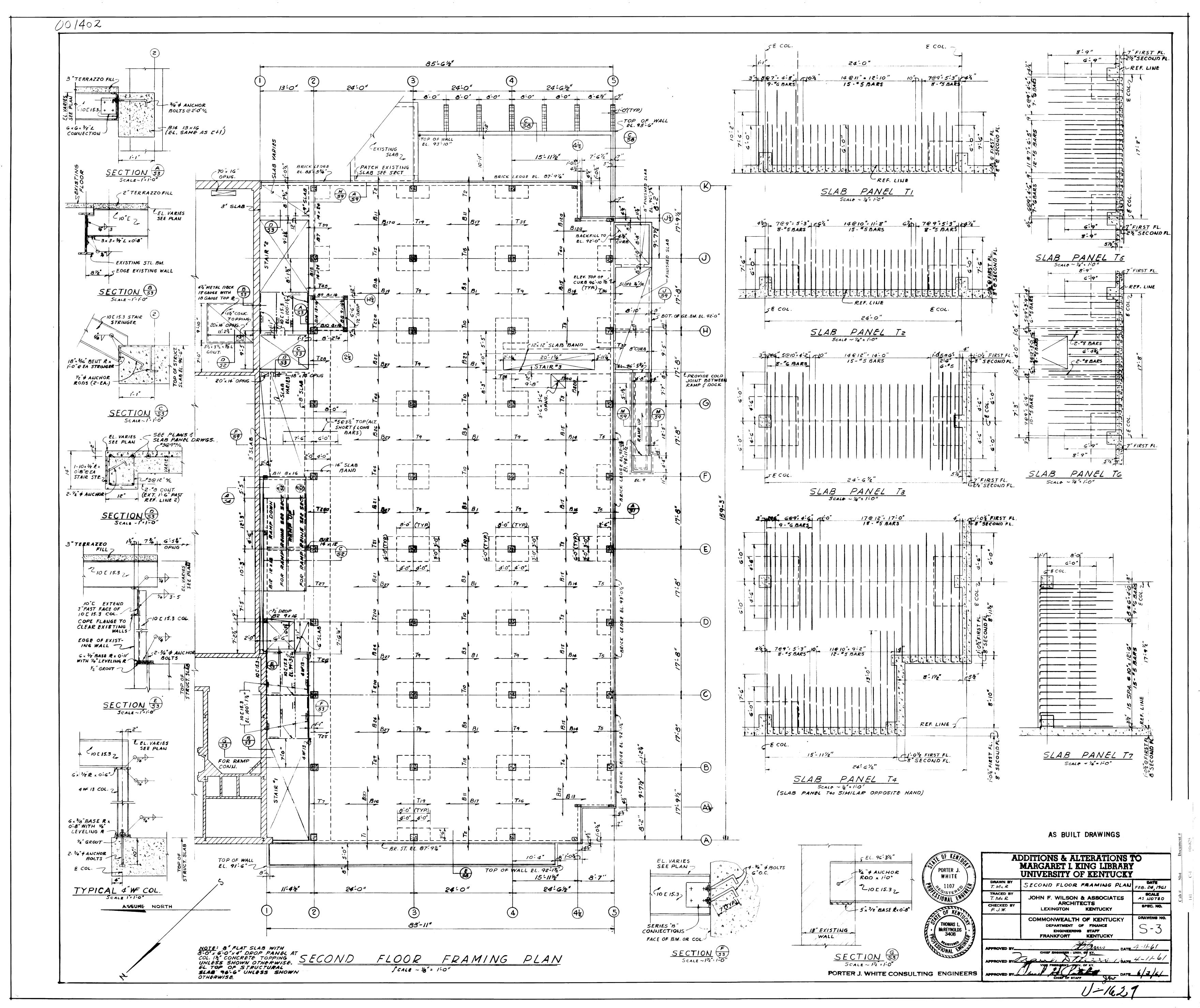
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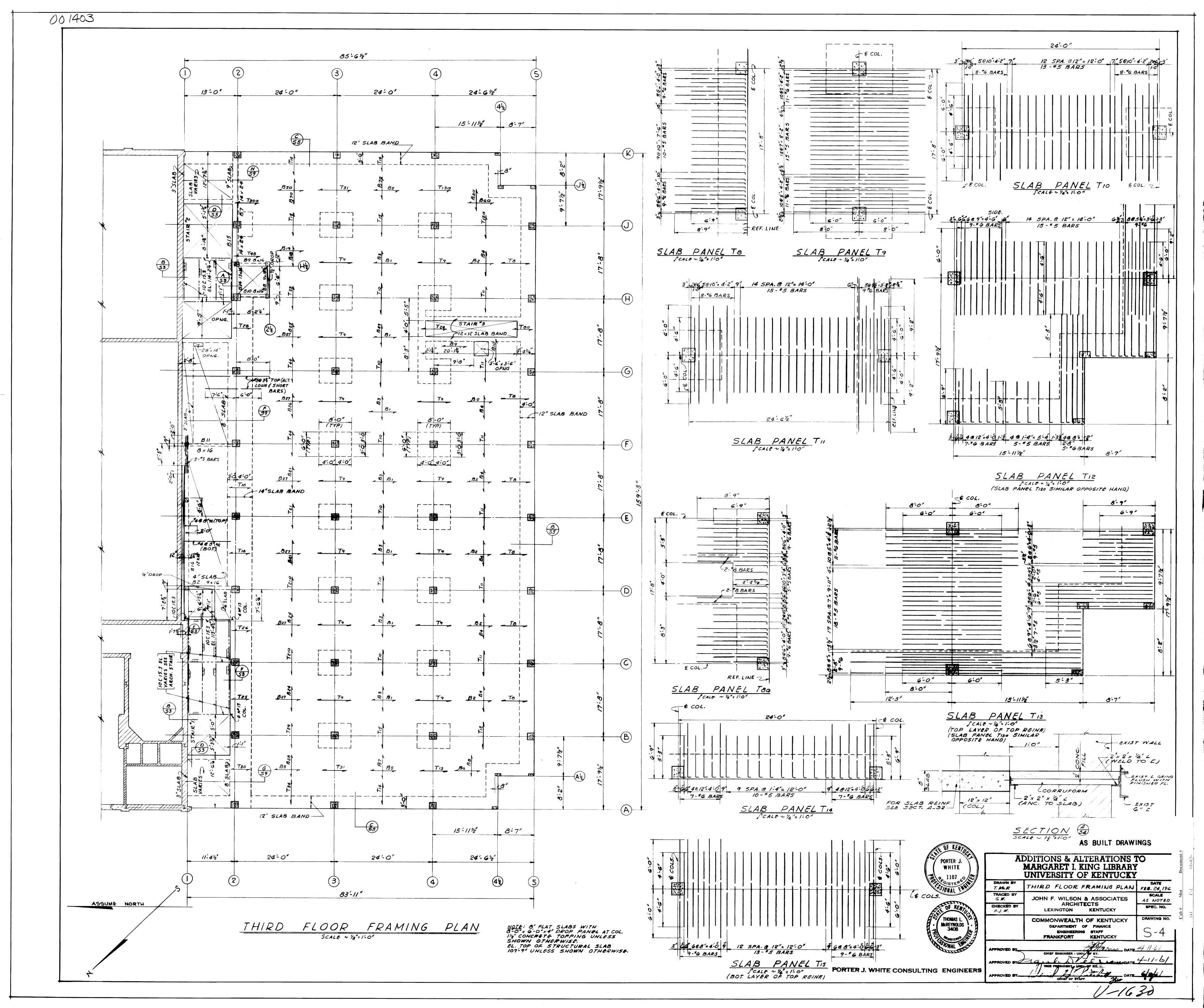
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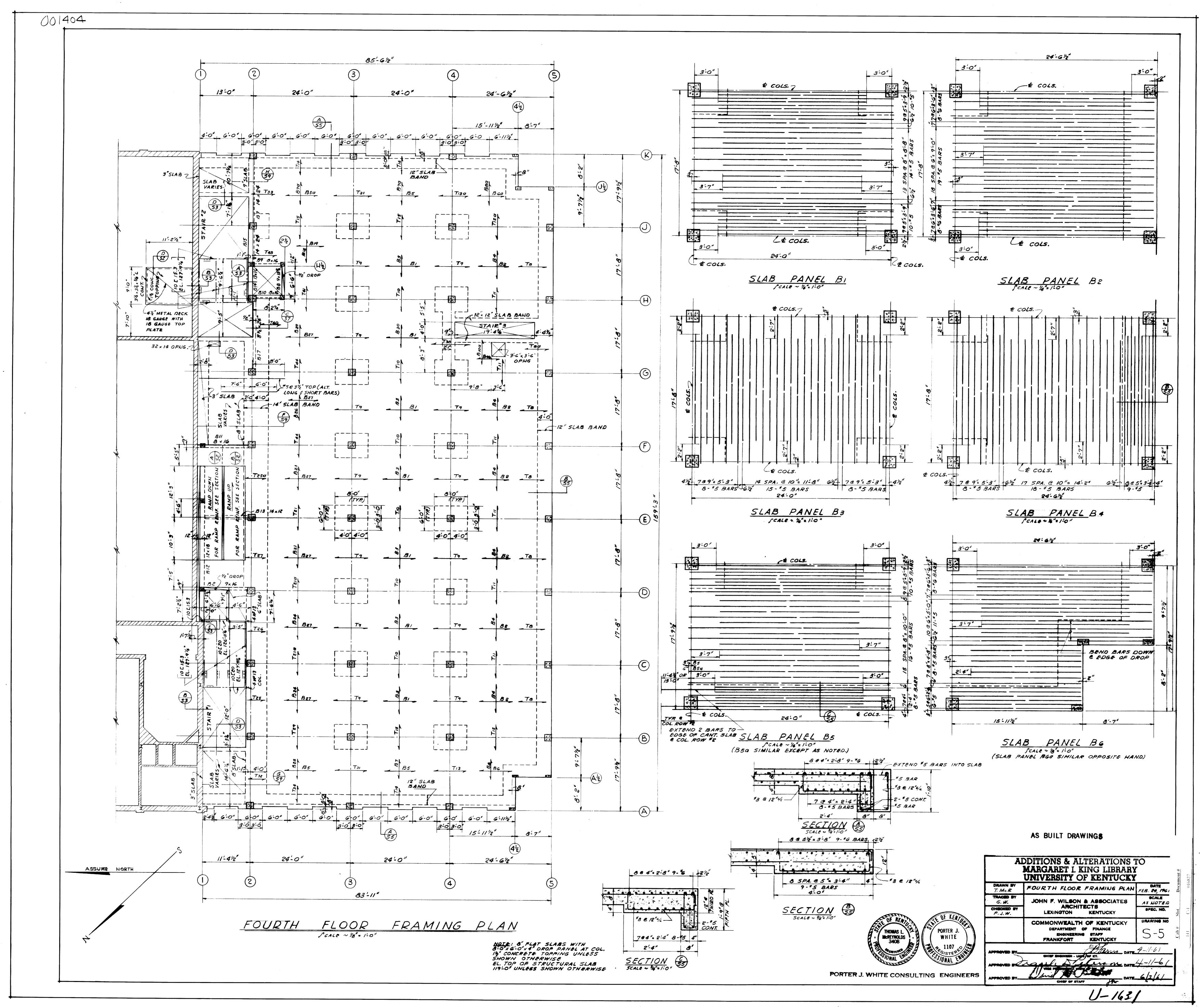


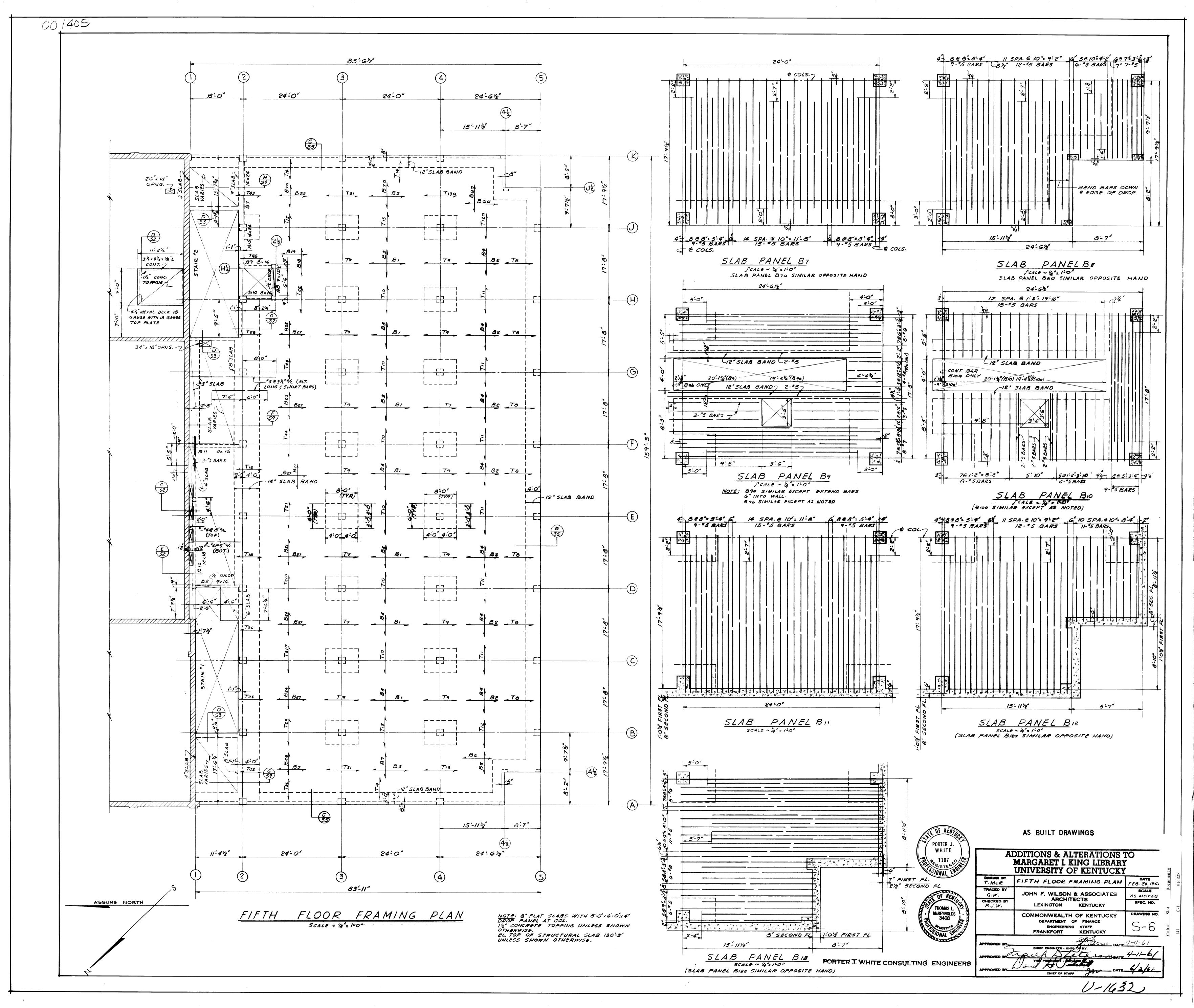


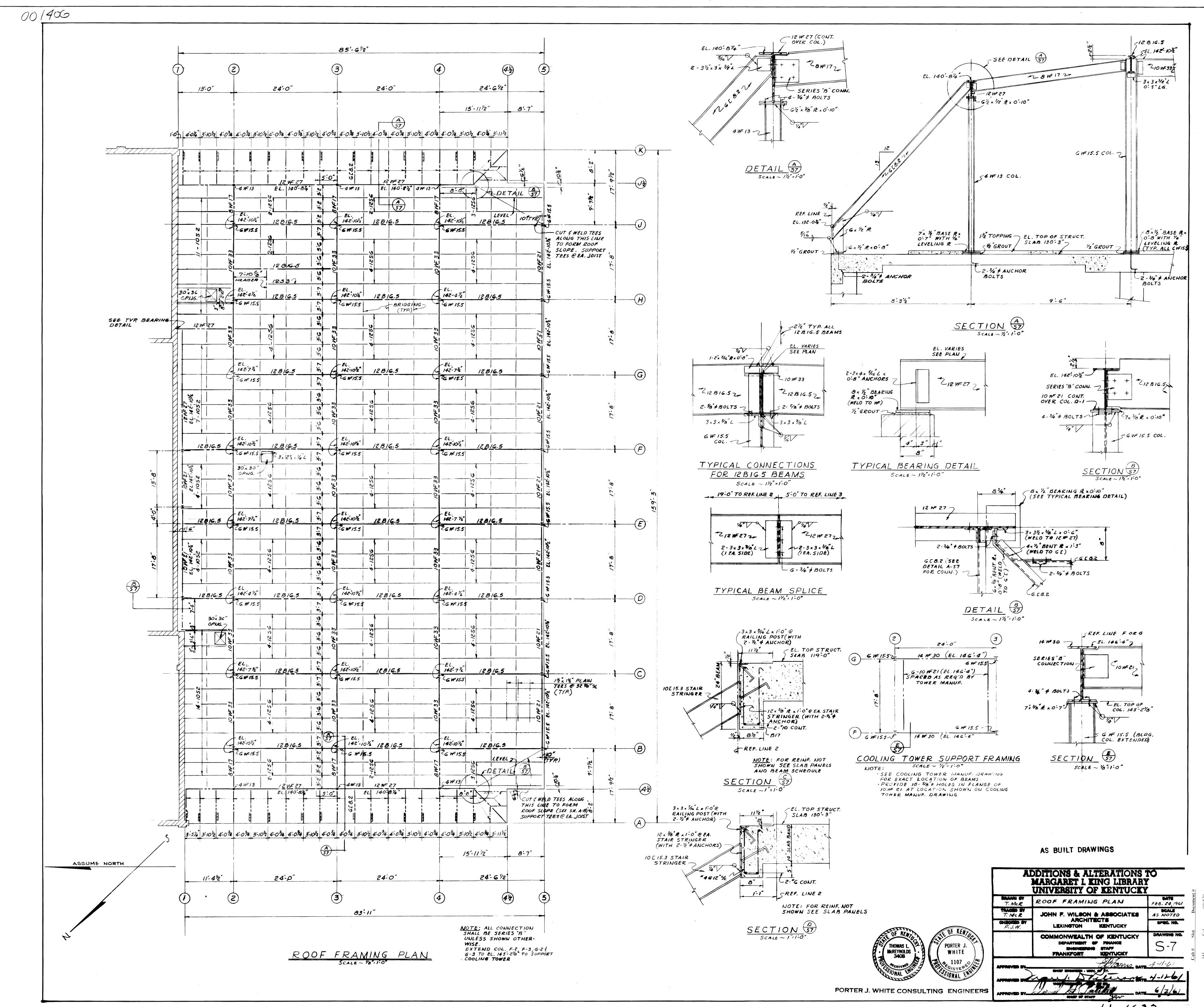












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