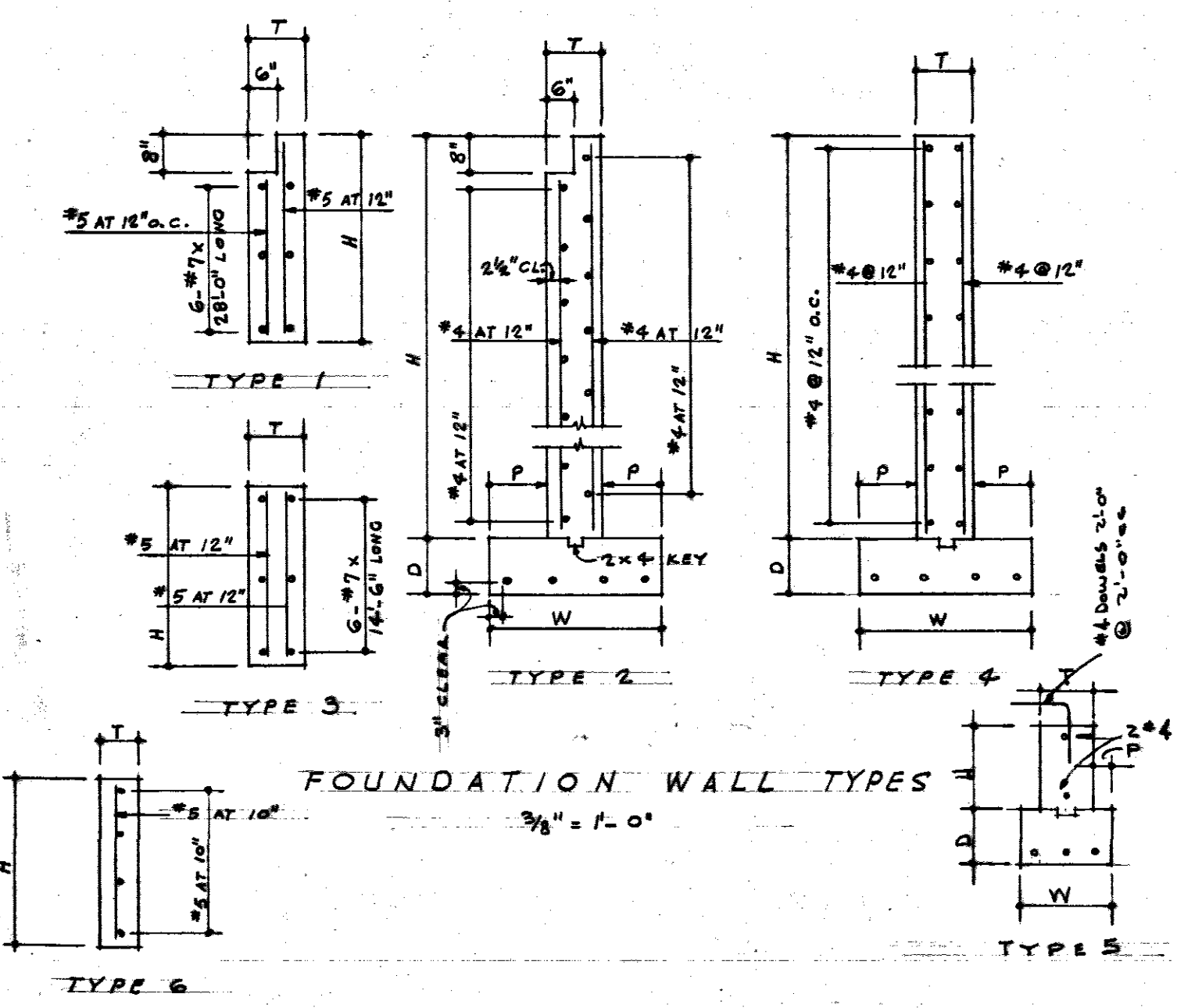


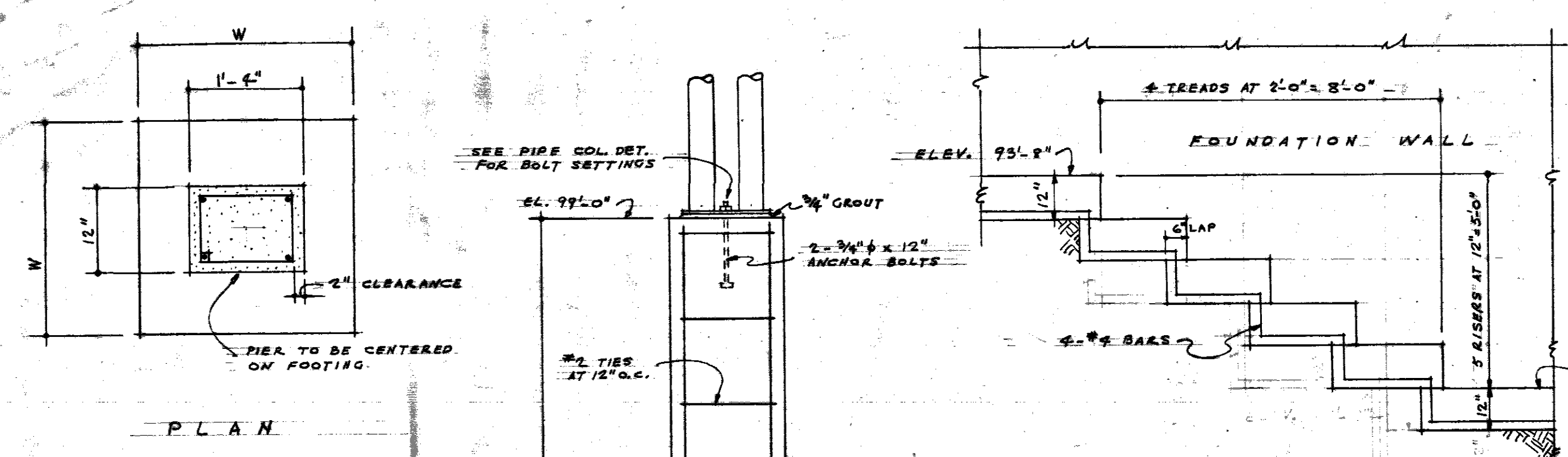
CONCRETE FOUNDATION WALLS											
WALL MARK	TYPE OF WALL	ELEV. TOP WALL	H	T	D	W	D	ELEV. TOP FTO.	FTO. BARS	REMARKS	
W-1	1	100'-0"	3'-8"	12"	GRADE BEAM	1'-2"	88'-8"	DO	DO	DO	
W-2	2	DO	11'-6"	1'-6"	SEE PLAN	1'-2"	88'-8"	DO	DO	DO	
W-3	4	99'-6"	10'-8"	1'-2"	SEE PLAN	1'-2"	DO	DO	DO	DO	
W-4	3	DO	10'-8"	12"	GRADE BEAM	1'-2"	DO	DO	DO	DO	
W-5	4	DO	10'-8"	DO	4"	1'-2"	88'-8"	DO	DO	DO	
W-6	4	DO	DO	DO	DO	DO	DO	DO	DO	DO	
W-7	2	100'-0"	11'-6"	DO	1'-2"	3'-0"	DO	DO	DO	DO	
W-8	2	DO	DO	DO	4"	2'-0"	DO	DO	DO	DO	
W-9	2	DO	DO	DO	DO	DO	DO	DO	DO	DO	
W-10	2	DO	DO	DO	DO	DO	DO	DO	DO	DO	
W-11	4	DO	DO	7'-6"	11"	DO	DO	DO	DO	DO	
W-12	2	DO	11'-6"	12"	9"	DO	DO	DO	DO	DO	
W-13	2	DO	6'-4"	DO	6"	2'-0"	DO	DO	DO	DO	
W-14	2	DO	DO	DO	DO	DO	DO	DO	DO	DO	
W-15	2	DO	11'-6"	DO	1'-2"	3'-0"	DO	DO	DO	DO	
W-16	4	99'-6"	10'-8"	12"	GRADE BEAM	1'-2"	DO	DO	DO	DO	
W-17	3	DO	3'-0"	DO	GRADE BEAM	1'-2"	DO	DO	DO	DO	
W-18	4	DO	10'-8"	1'-2"	SEE PLAN	1'-2"	88'-8"	DO	DO	DO	
W-19	1	100'-0"	5'-8"	DO	GRADE BEAM	1'-2"	88'-8"	DO	DO	DO	
W-20	2	DO	6'-4"	DO	11"	3'-0"	DO	DO	DO	DO	
W-21	2	DO	DO	DO	SEE PLAN	1'-2"	DO	DO	DO	DO	
W-22	4	99'-6"	10'-8"	12"	1'-2"	3'-0"	DO	DO	DO	DO	
W-23	4	100'-0"	11'-6"	12"	1'-2"	DO	DO	DO	DO	DO	
W-24	4	99'-6"	10'-8"	12"	1'-2"	DO	DO	DO	DO	DO	
W-25	2	DO	DO	DO	SEE PLAN	1'-2"	88'-8"	DO	DO	DO	
W-26	4	99'-6"	10'-8"	12"	1'-2"	DO	DO	DO	DO	DO	
W-27	6	99'-6"	10'-8"	12"	1'-2"	DO	DO	DO	DO	DO	
W-28	6	99'-6"	10'-8"	12"	1'-2"	DO	DO	DO	DO	DO	



NOTE: PROVIDE #4 DOWELS X 2'-0" LONG AT 24" O.C. BETWEEN JUNCTION OF FLOOR SLAB & FOUND. WALL (SEE SECTIONS 1/2" OR 3/4")

FOUNDATION PLAN
1/4" = 1'-0"

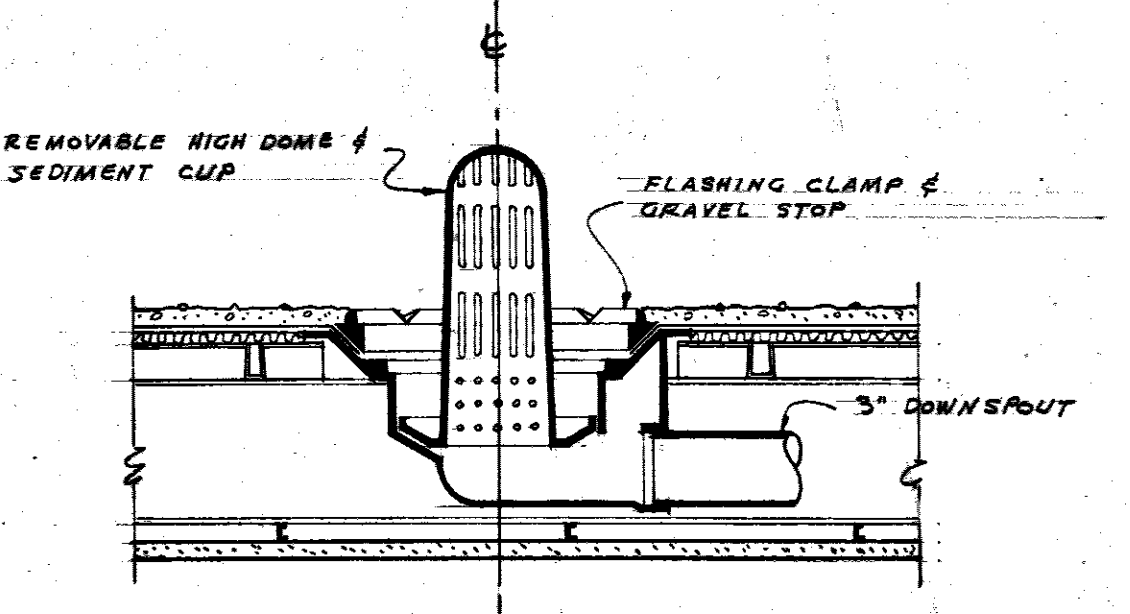
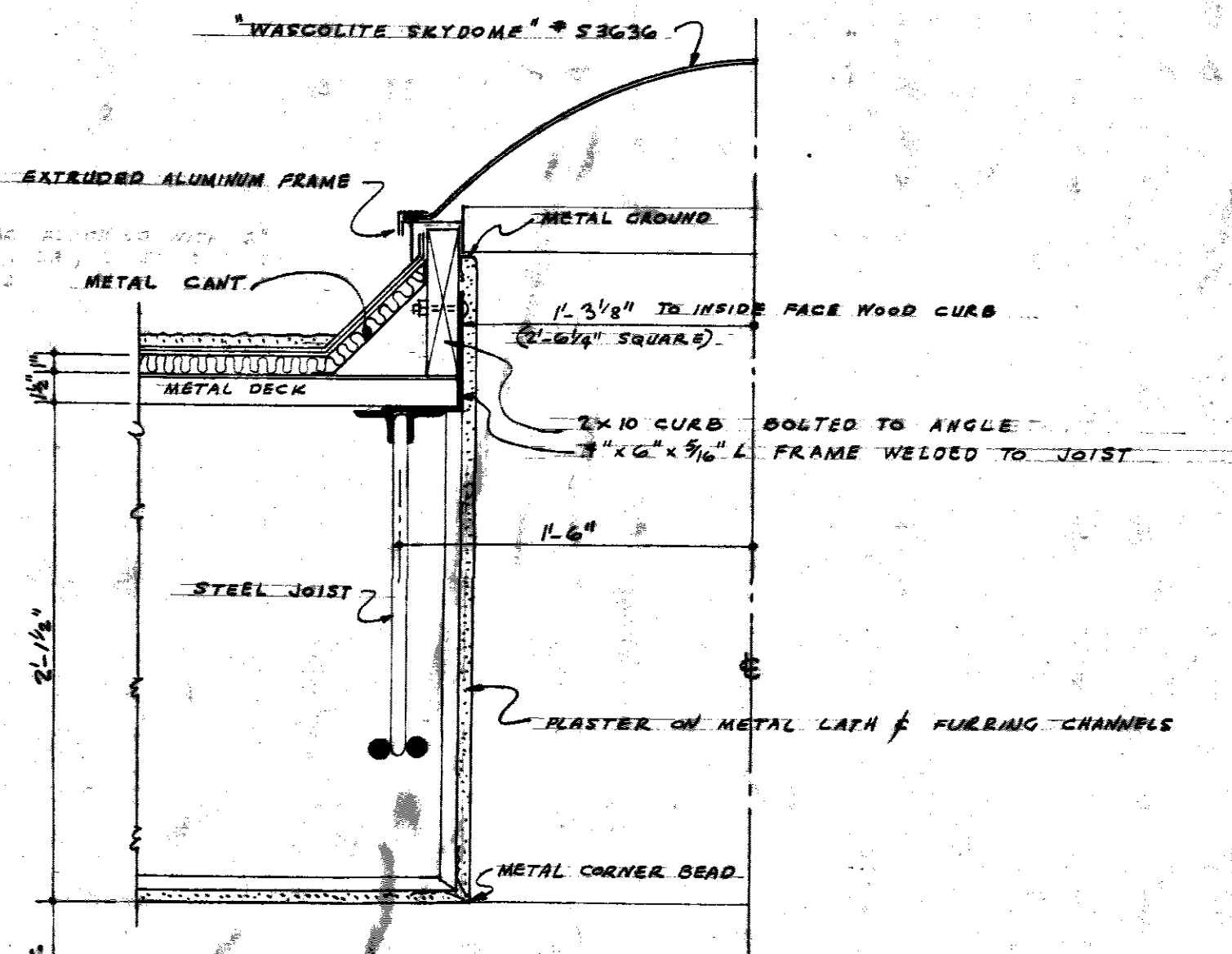
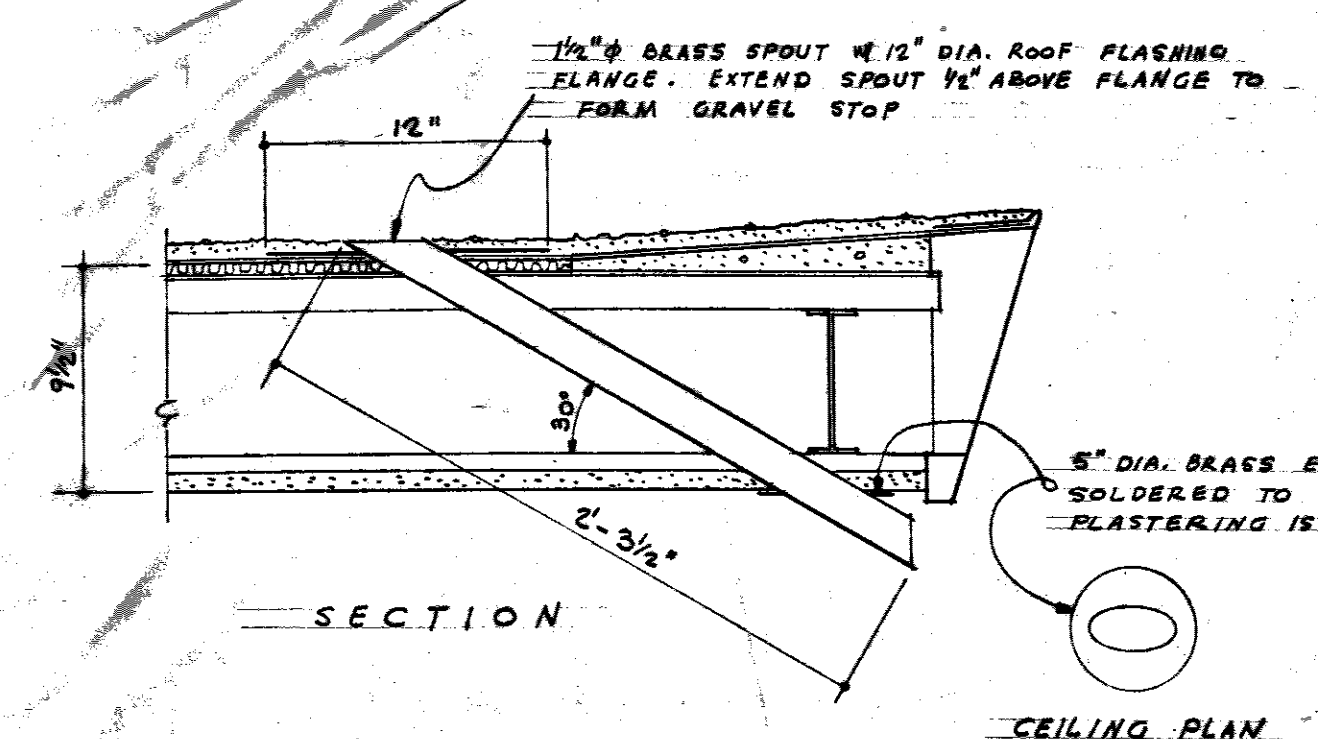
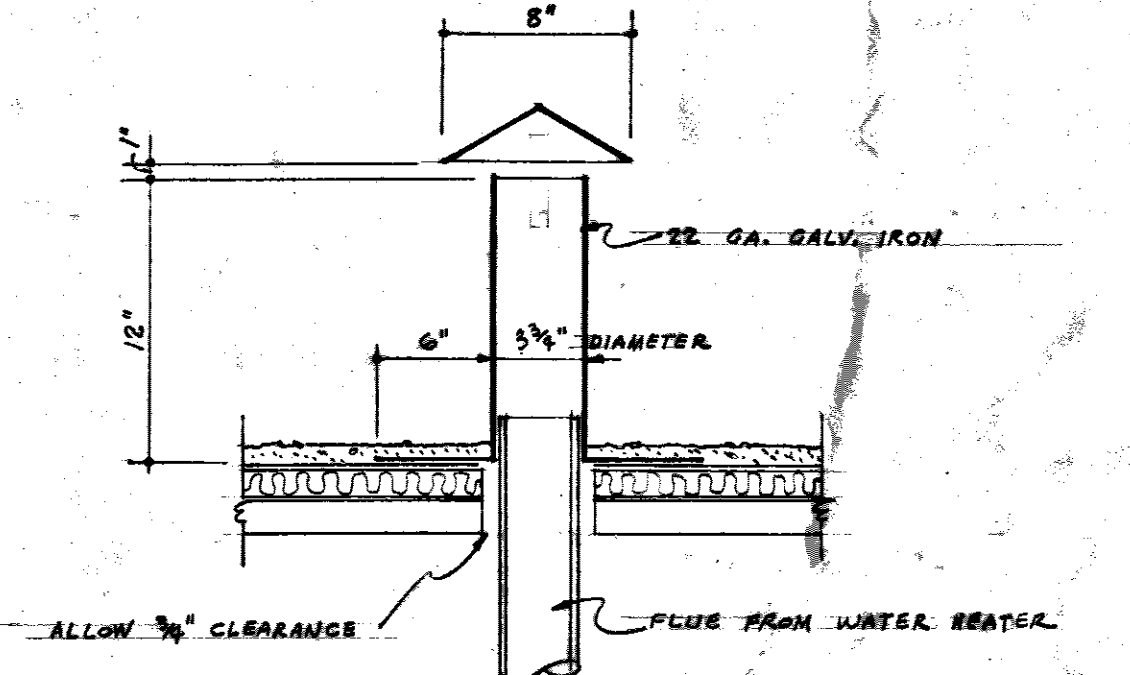
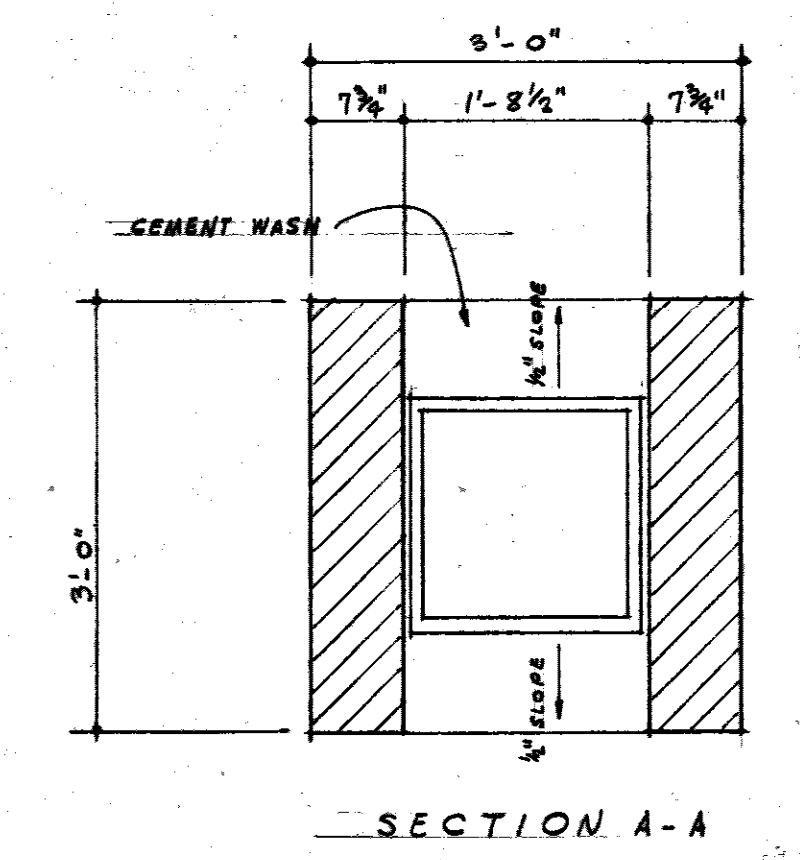
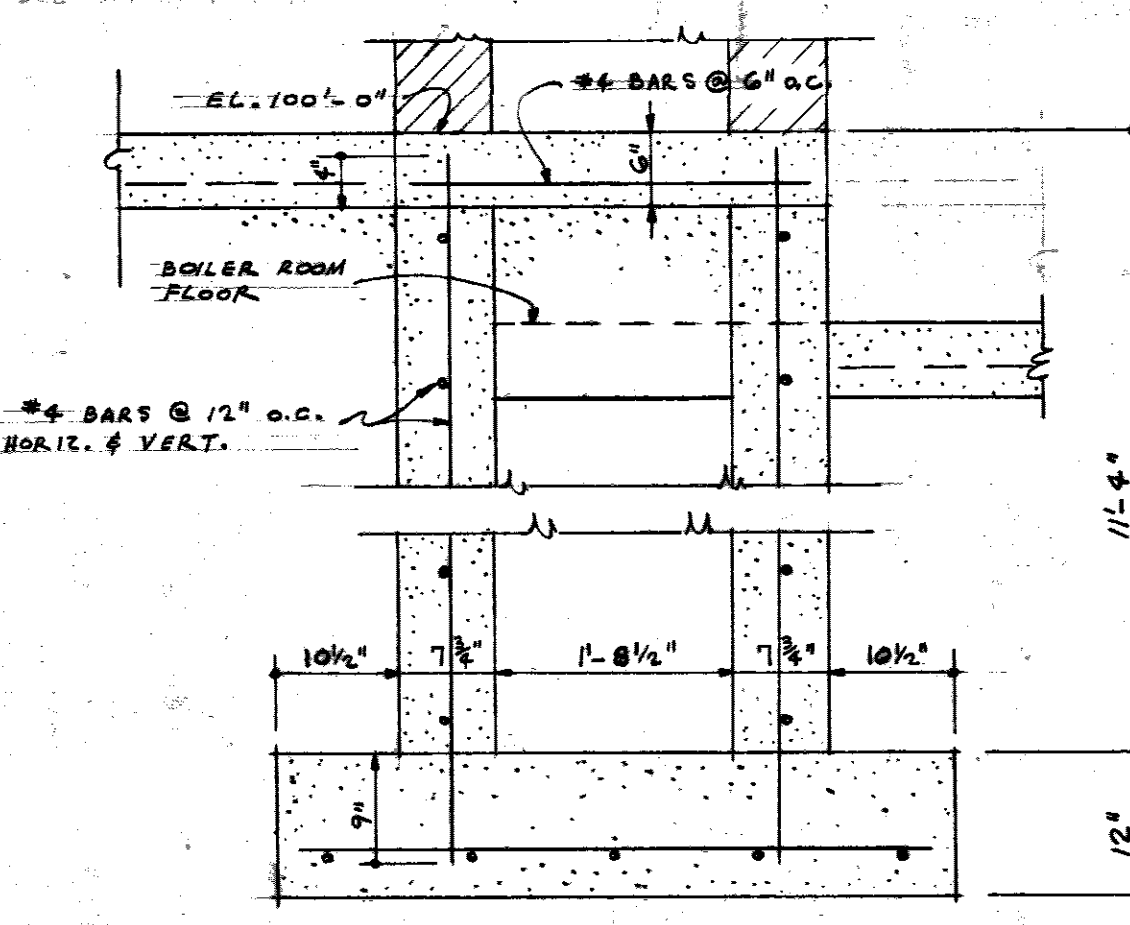
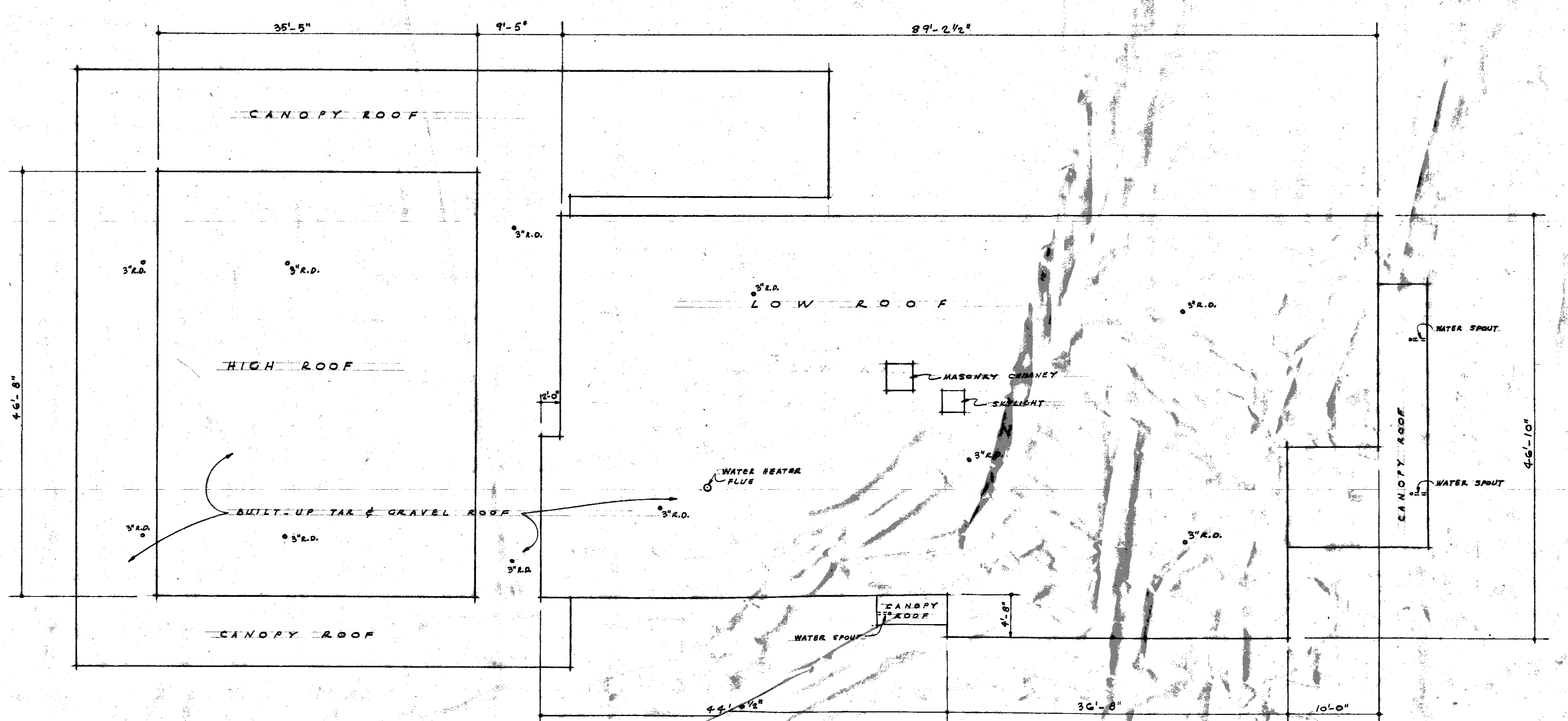
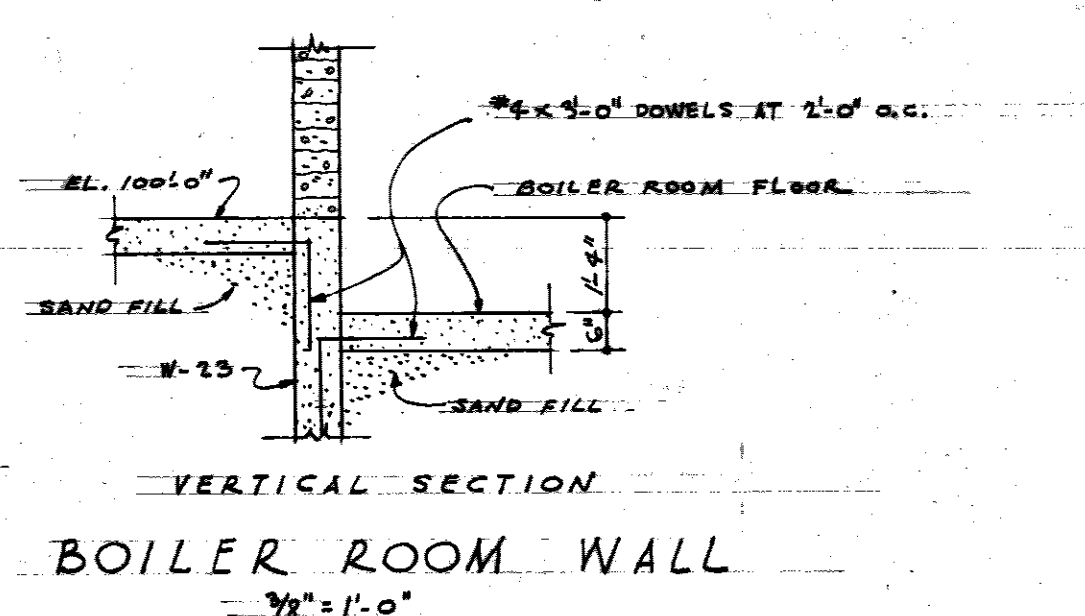
REVISIONS	DATE	DESCRIPTION	BY	DATE	DESCRIPTION	BY
DRAWN BY: T.H.A.T. & S.P.R.Y. CO. CHECKED BY: J.A.L. APPROVED BY: J. D. ... CHIEF ENGINEER			SHEET 7 18 SHEETS TOPEKA, KANSAS JANUARY 1955 C.E.O.T. FILE 2-2183			



CANOPY COL. FTGS. & PIERS

COL. NO.	W	D	ELEV. TOP FTG.	ELEV. TOP PIER	H
C-1	2'-0"	12"	88'-8"	93'-0"	10'-4"
C-2	2'-6"	Do	85'-8"	90	8'-4"
C-3	2'-6"	Do	82'-8"	88	10'-4"
C-4	1'-10"	Do	83'-8"	88	8'-4"
C-5	2'-6"	Do	80	80	8'-0"
C-6	2'-6"	Do	80	80	8'-0"
C-7	2'-6"	Do	80	80	8'-0"
C-8	2'-6"	Do	80	80	8'-0"
C-9	1'-10"	Do	80	80	8'-0"
C-10	1'-6"	Do	80	80	8'-0"
C-11	1'-6"	Do	80	80	8'-0"
C-12	1'-6"	Do	80	80	8'-0"

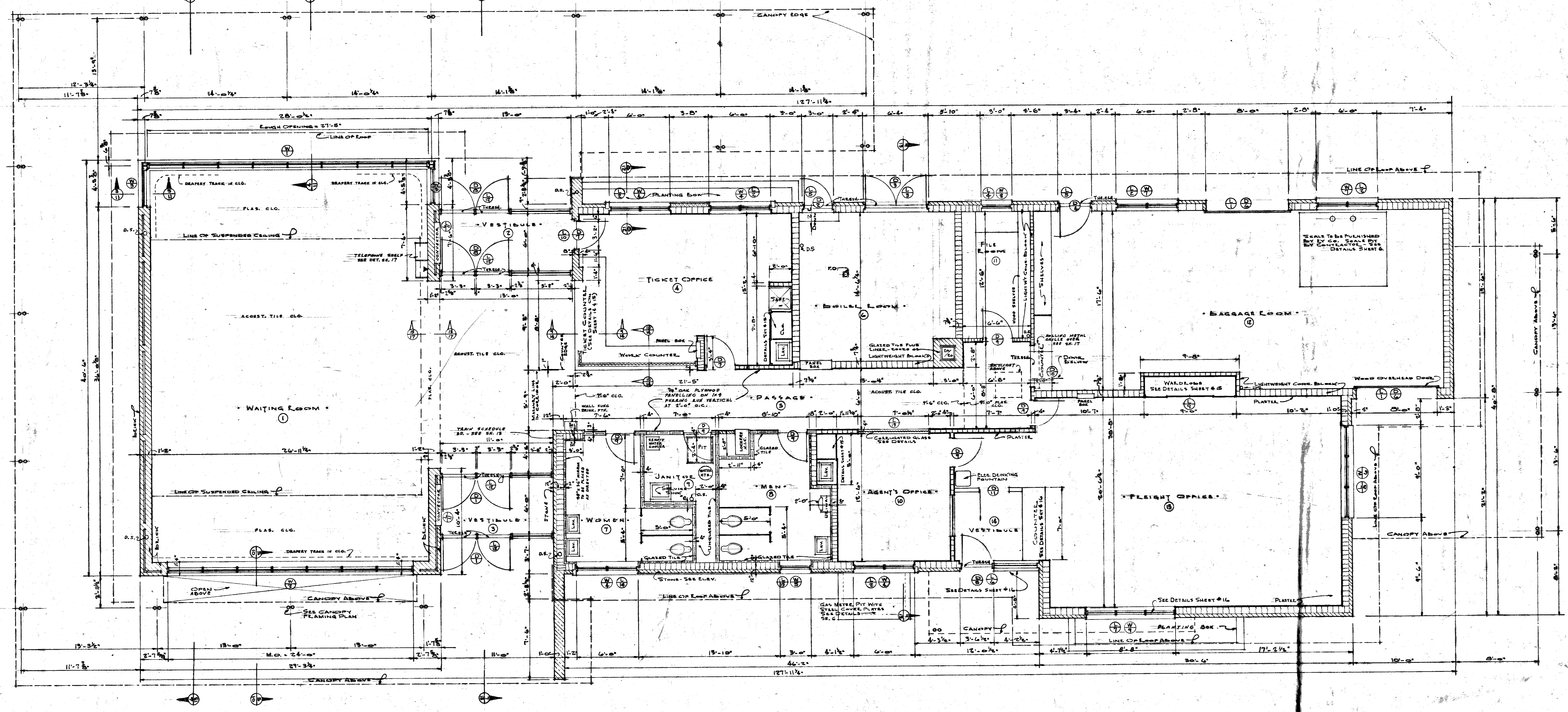
CANOPY COLUMN FOOTING DETAILS
3/4" x 1'-0"



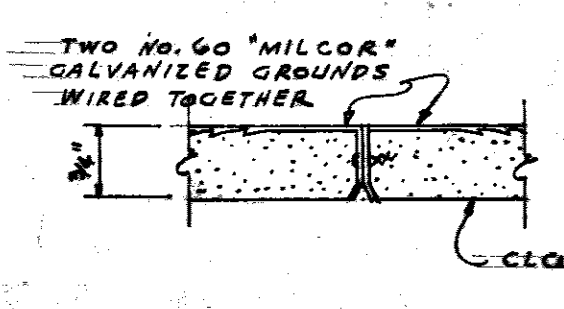
REVISION NO.	DATE	DESCRIPTION	BY	DATE	DESCRIPTION	BY
1			WC			

DRAWN BY: **W.C. FRY**
 CHECKED BY: **W.C. FRY**
 APPROVED: **W.C. FRY**
 LICENSE NO. **1000**
 STATE OF **KANSAS**
 REGISTERED PROFESSIONAL ENGINEER

SHEET **5**
 OF **10**
 PROJECT: **NEW PASSENGER STATION**
 LOCATION: **KANSAS**
 DATE: **JANUARY 1955**
 TITLE: **FILE**
 YEAR: **1955**



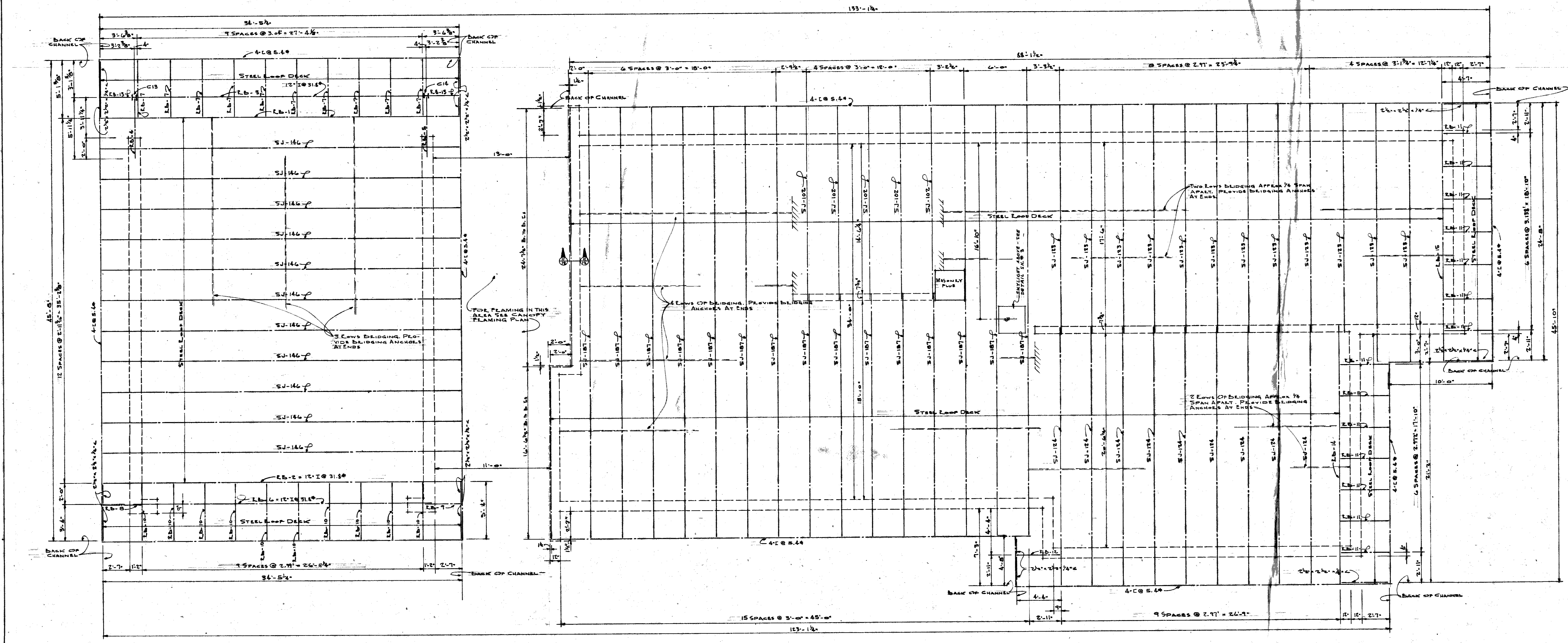
NOTE:
 CEMENT PLASTER, SMOOTH ON CANOPIES & ROOF OVERHANGS TO BE DIVIDED AT APPROX. 10 TO 14 FT. INTERVALS WITH DOUBLE GROUND STRIPS (SEE DETAIL). DIVIDING STRIPS SHOULD CENTER ON CANOPY COLUMNS IF POSSIBLE. LAYOUT SHALL BE APPROVED BY ARCHITECT OR HIS REPRESENTATIVE BEFORE PLASTERING.



FLOOR PLAN

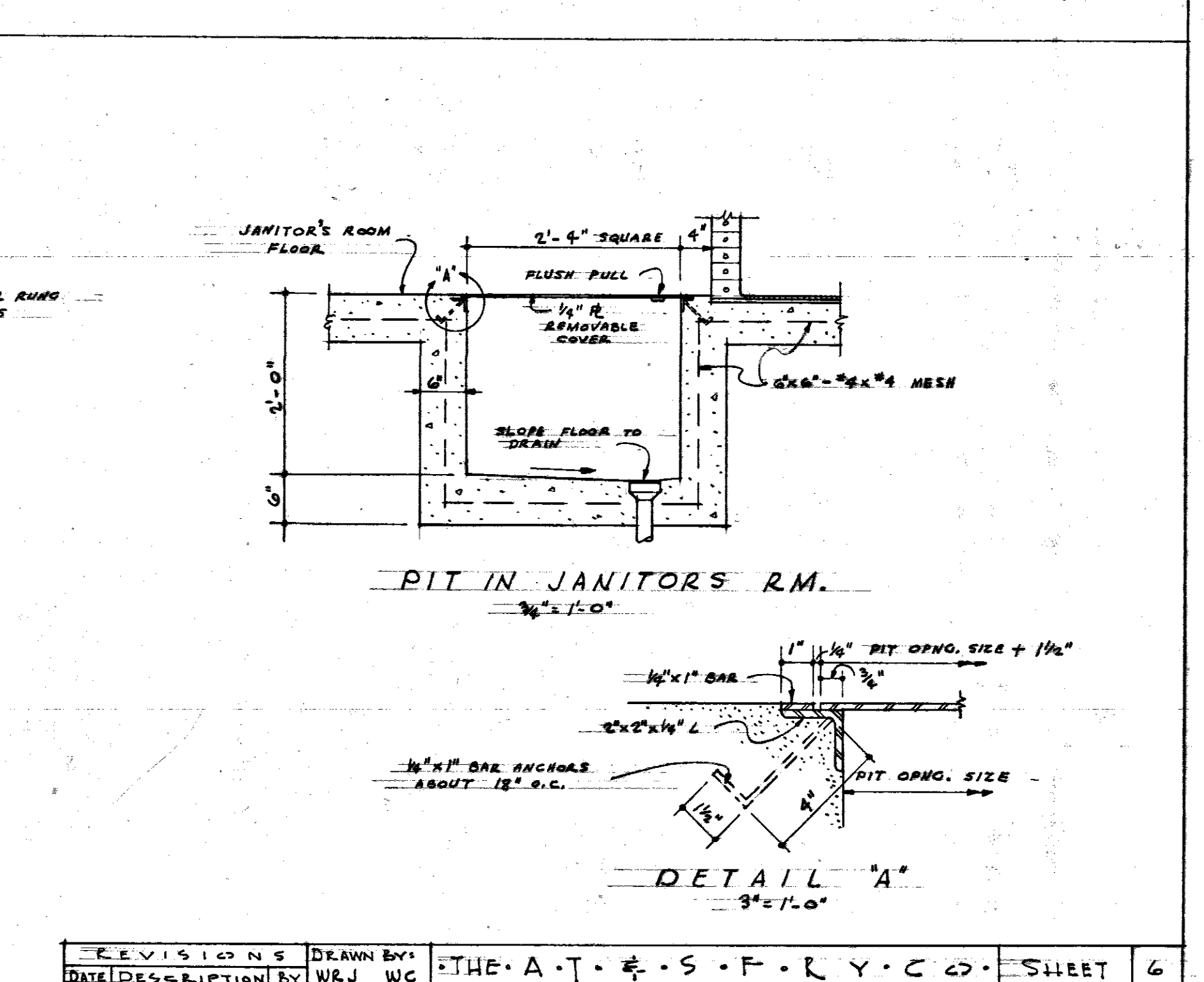
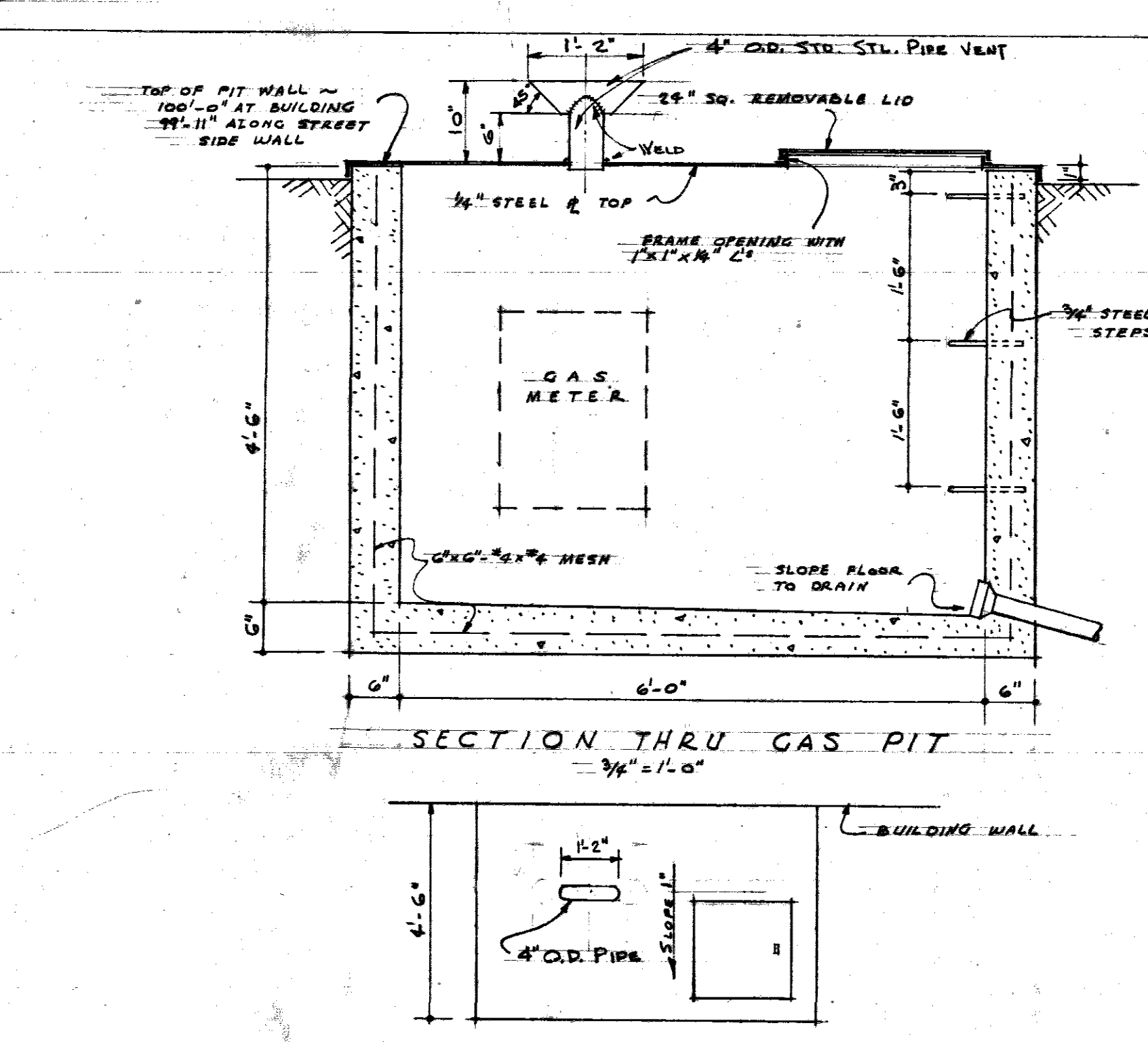
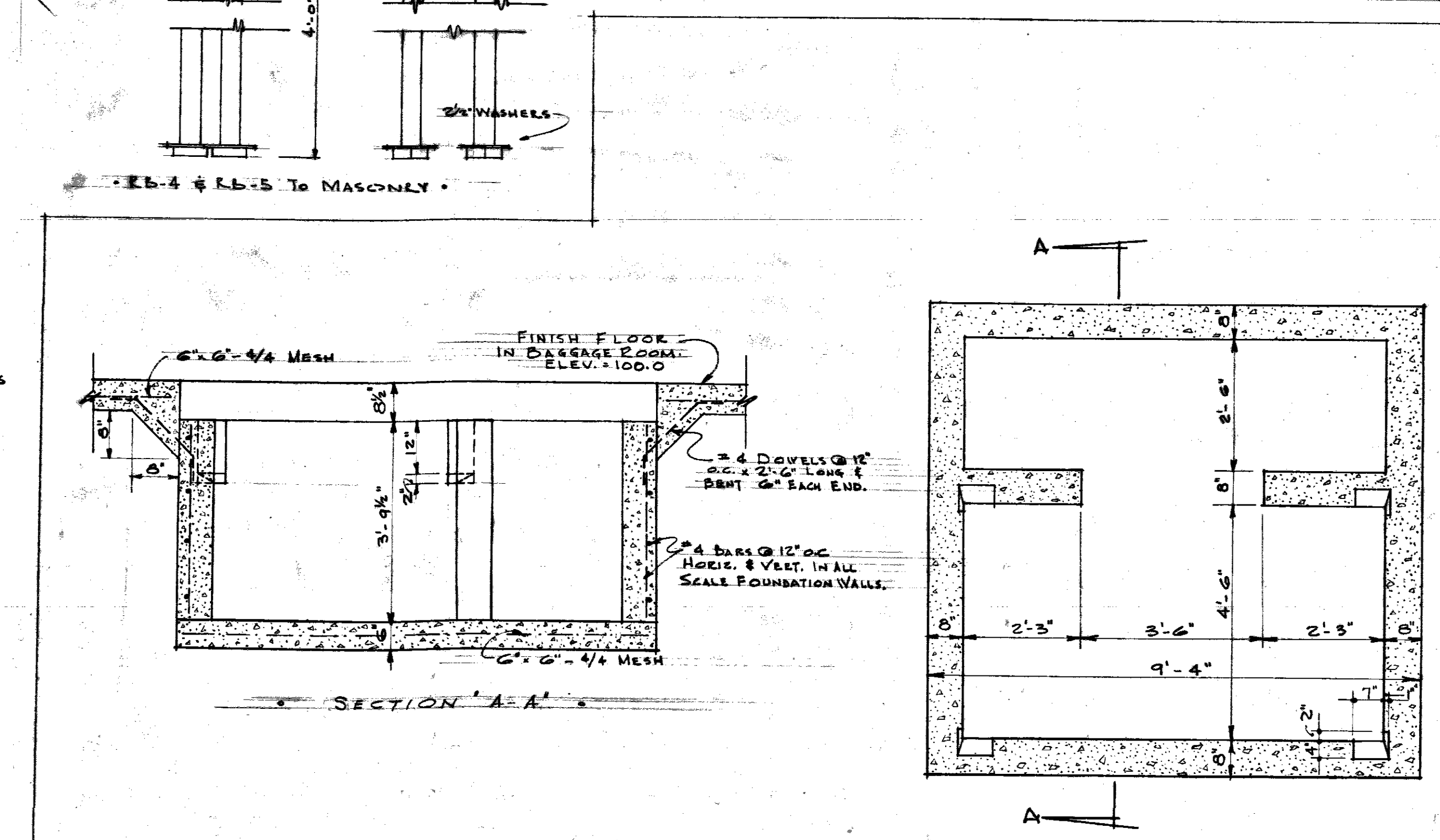
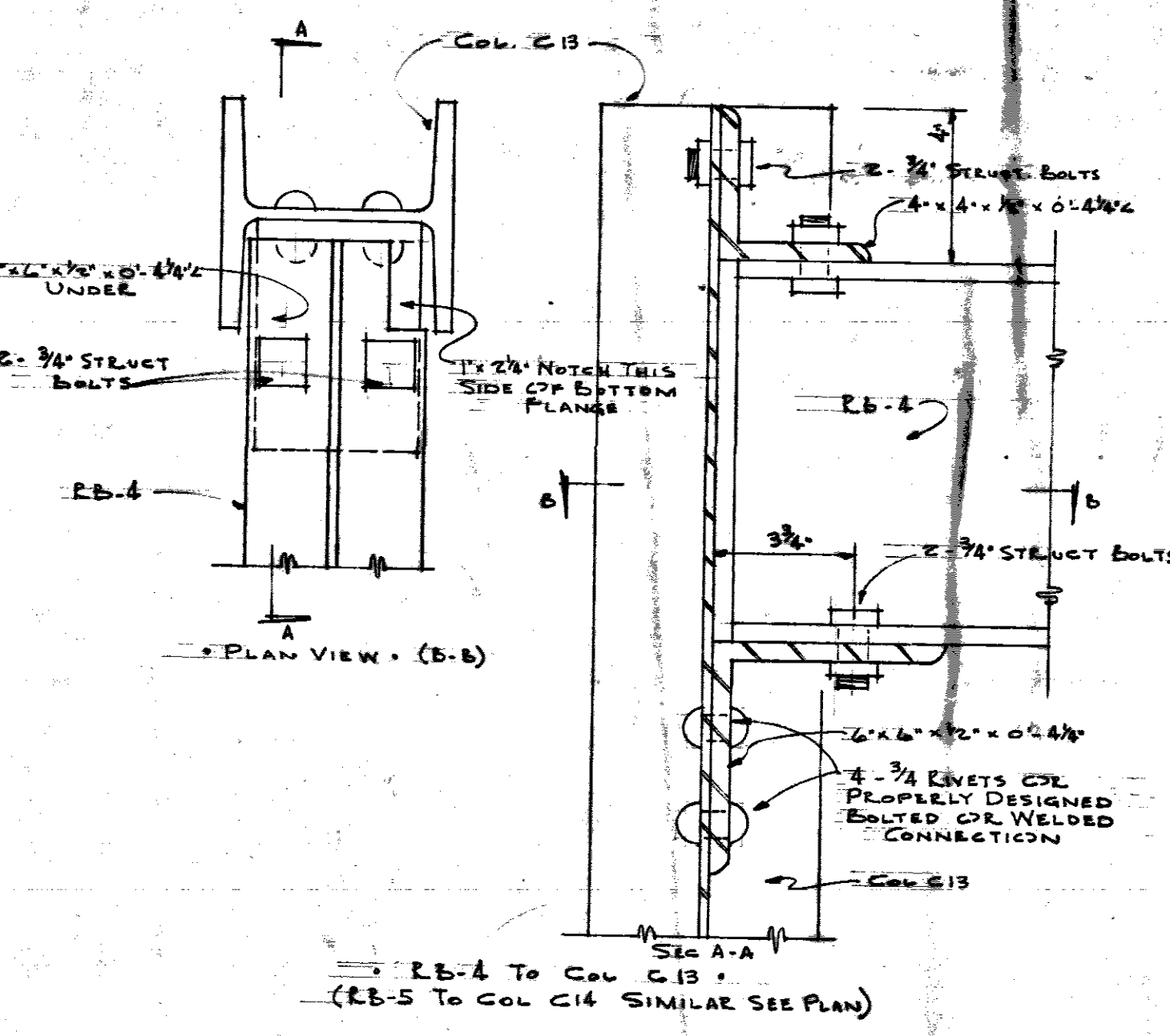
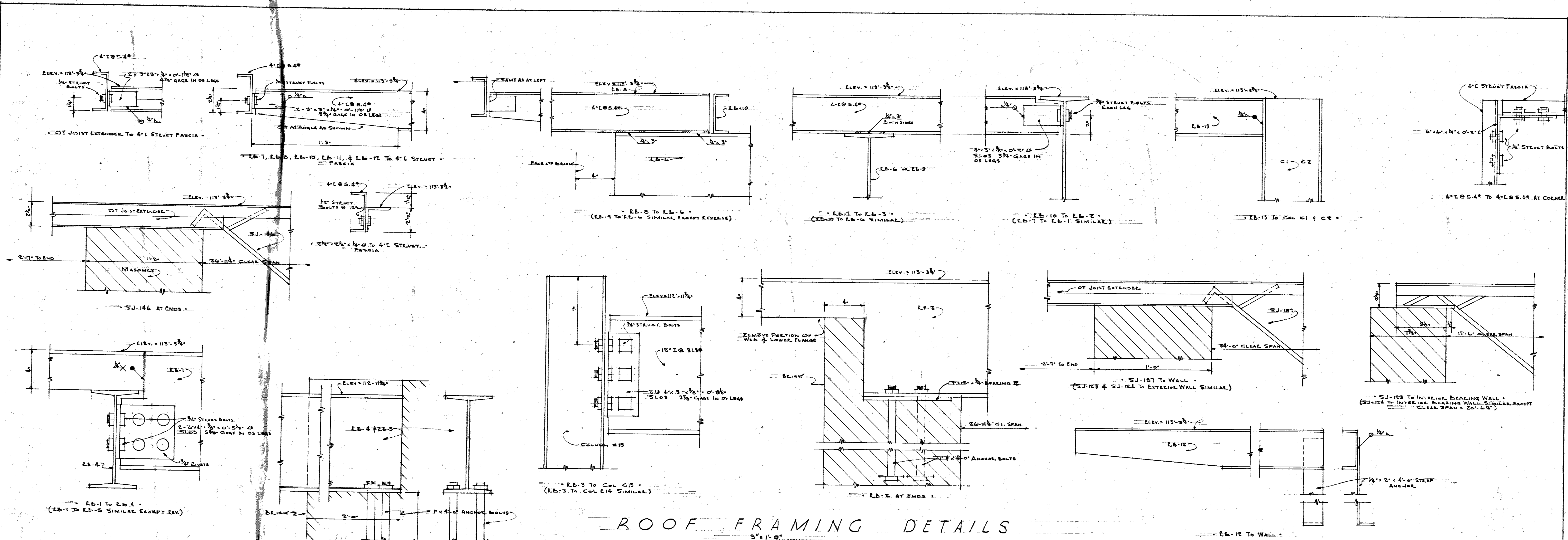
1/8" = 1'-0"

REVISIONS	DATE	DESCRIPTION	BY	THE A. T. & S. P. R. Y. CO.	SHEET 4
1			WRJ		18 SHEETS
2			WRJ		TOPICKA, KANSAS
3			WRJ		JANUARY 1955
FLOOR PLAN					C.E.O.T.
APPROVED:				<i>J. P. Lawrence</i>	FILE
				CHIEF ENGINEER	22183

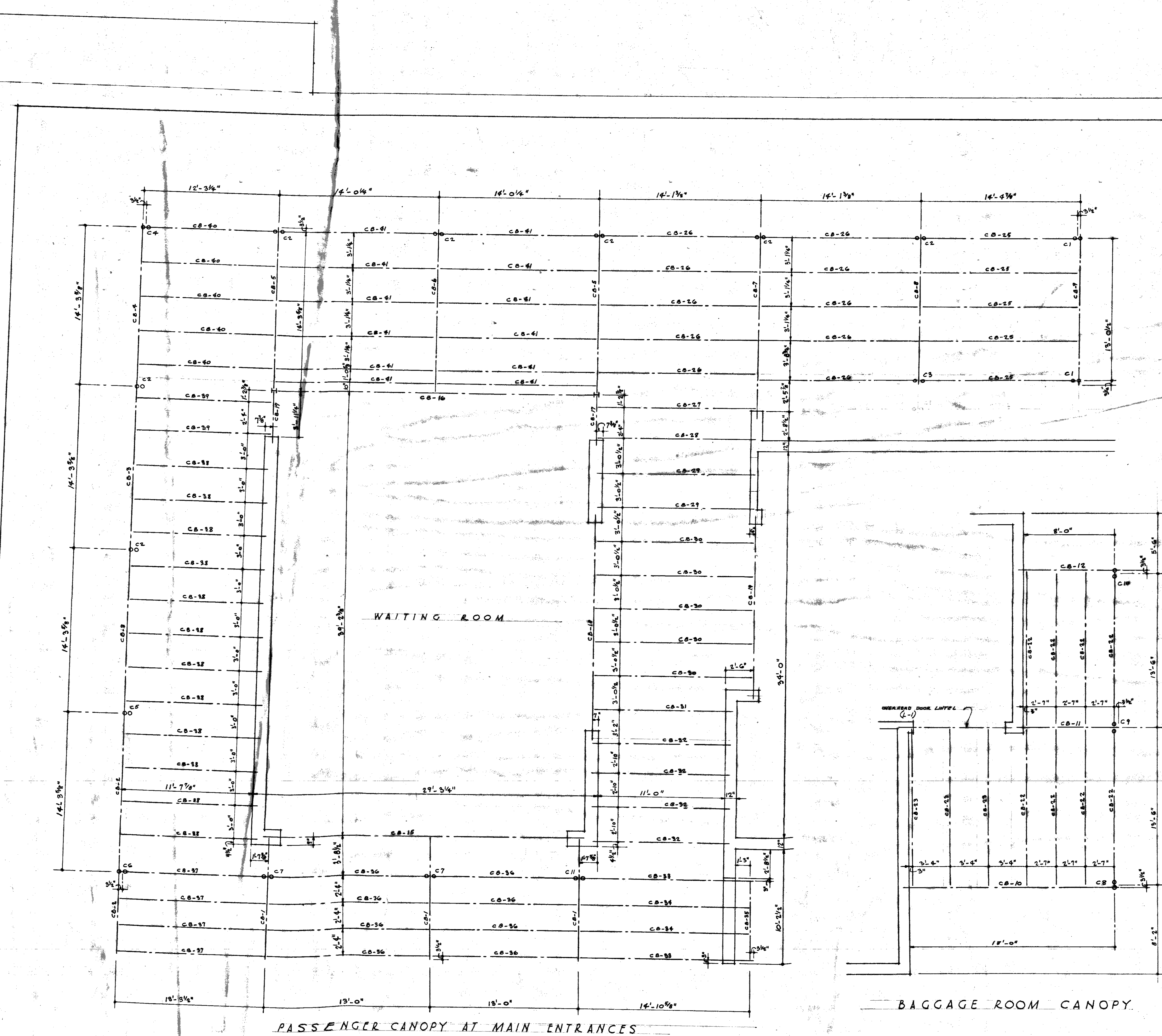


ROOF FRAMING PLAN
1/4" = 1'-0"

REVISIONS	DATE	DESCRIPTION	BY	THE A. T. & S. F. R. Y. C. O.	SHEET 5
				NEW PASSENGER STATION	NO SHEETS 18
				LAWRENCE, KANSAS	JANUARY 1953
				ROOF FRAMING PLAN	FILE
				APPROVED: <i>J. Olin</i>	C. E. O. T.
				CHIEF ENGINEER	22133



REVISIONS	DATE	DESCRIPTION	BY	THE A. T. S. F. R. Y. C. O.	SHEET 6
				NEW PASSENGER STATION	18 SHEETS
				LAWRENCE,	TOWNSHIP, KANSAS
					JANUARY 1955
				STEEL FRAMING CONNECTIONS (ROOF)	FILE
				APPROVED: <i>J. Williams</i>	C. E. O. T.
				STEEL ENGINEER	22103

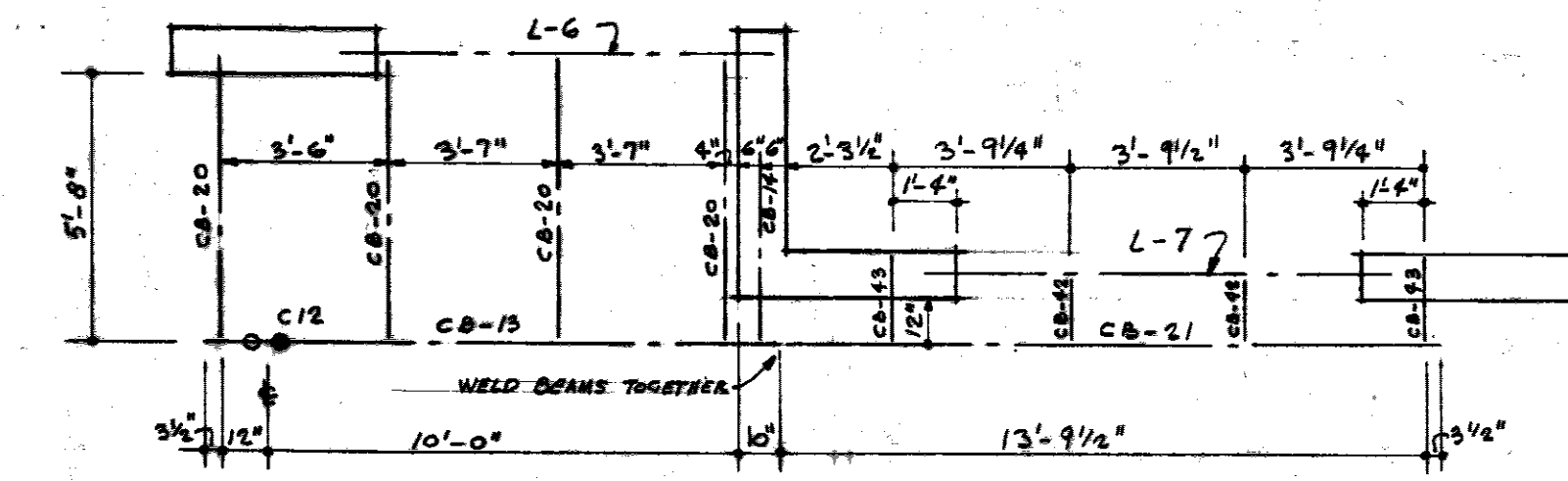
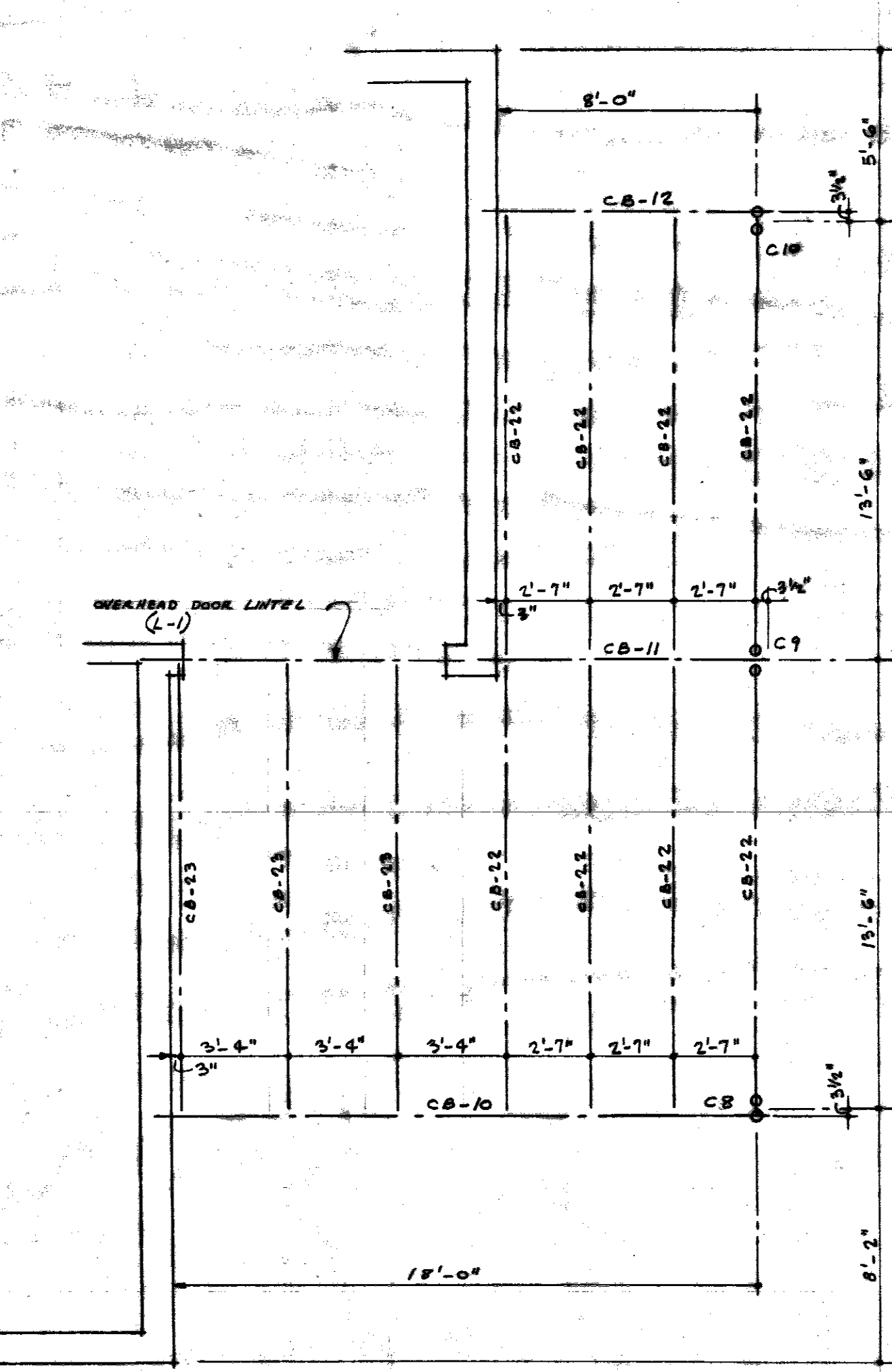


STEEL COLUMN SCHEDULE							
MARK NO.	REQD.	SECTION	APPROX. L.G.T.	BL. TOP	BASE #	BASE #	REMARKS
C1	2	Two-12" x 12" x 1/2"	10'-0"	10'-0"	10'-0"	10'-0"	
C2	7	10" x 10" x 1/2"	10'-0"	10'-0"	10'-0"	10'-0"	
C3	1	10" x 10" x 1/2"	10'-0"	10'-0"	10'-0"	10'-0"	
C4	1	10" x 10" x 1/2"	10'-0"	10'-0"	10'-0"	10'-0"	
C5	1	10" x 10" x 1/2"	10'-0"	10'-0"	10'-0"	10'-0"	
C6	1	10" x 10" x 1/2"	10'-0"	10'-0"	10'-0"	10'-0"	
C7	2	10" x 10" x 1/2"	10'-0"	10'-0"	10'-0"	10'-0"	
C8	1	10" x 10" x 1/2"	10'-0"	10'-0"	10'-0"	10'-0"	
C9	1	10" x 10" x 1/2"	10'-0"	10'-0"	10'-0"	10'-0"	
C10	1	10" x 10" x 1/2"	10'-0"	10'-0"	10'-0"	10'-0"	
C11	1	10" x 10" x 1/2"	10'-0"	10'-0"	10'-0"	10'-0"	
C12	1	10" x 10" x 1/2"	10'-0"	10'-0"	10'-0"	10'-0"	
C13	1	10" x 10" x 1/2"	10'-0"	10'-0"	10'-0"	10'-0"	
C14	1	10" x 10" x 1/2"	10'-0"	10'-0"	10'-0"	10'-0"	
C15	1	10" x 10" x 1/2"	10'-0"	10'-0"	10'-0"	10'-0"	

STEEL BEAM SCHEDULE							
MARK NO.	REQD.	SECTION	APPROX. L.G.T.	BL. TOP	BASE #	BASE #	REMARKS
CB-1	1	10 I 31.8	5'-5 1/2"	5'-5 1/2"	5'-5 1/2"	5'-5 1/2"	
CB-2	1	10 I 25.4	5'-11"	5'-11"	5'-11"	5'-11"	
CB-3	1	10 I 25.4	5'-11"	5'-11"	5'-11"	5'-11"	
CB-4	1	10 I 25.4	5'-11"	5'-11"	5'-11"	5'-11"	
CB-5	1	10 I 25.4	5'-11"	5'-11"	5'-11"	5'-11"	
CB-6	1	10 I 25.4	5'-11"	5'-11"	5'-11"	5'-11"	
CB-7	10	10 I 25.4	5'-5 1/2"	5'-5 1/2"	5'-5 1/2"	5'-5 1/2"	
CB-8	1	10 I 25.4	5'-11"	5'-11"	5'-11"	5'-11"	
CB-9	1	10 I 25.4	5'-11"	5'-11"	5'-11"	5'-11"	
CB-10	10	10 I 25.4	5'-5 1/2"	5'-5 1/2"	5'-5 1/2"	5'-5 1/2"	
CB-11	10	10 I 25.4	5'-5 1/2"	5'-5 1/2"	5'-5 1/2"	5'-5 1/2"	
CB-12	1	10 I 25.4	5'-11"	5'-11"	5'-11"	5'-11"	
CB-13	2	10 I 25.4	5'-11"	5'-11"	5'-11"	5'-11"	
CB-14	1	10 I 25.4	5'-11"	5'-11"	5'-11"	5'-11"	
CB-15	1	10 I 25.4	5'-11"	5'-11"	5'-11"	5'-11"	

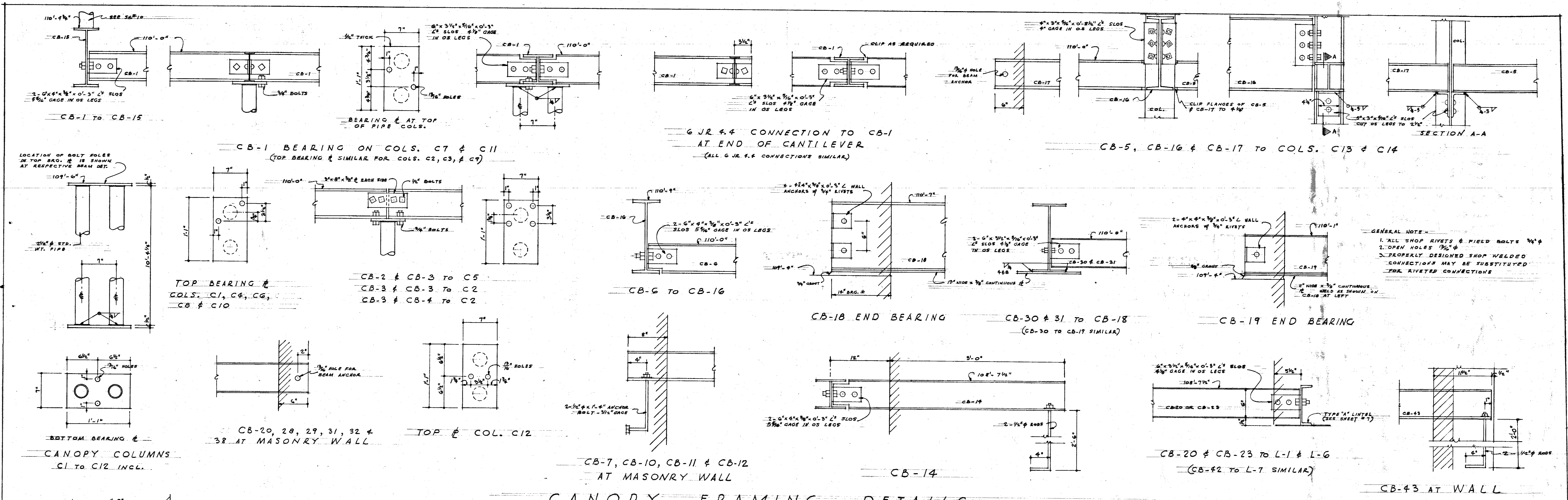
LINTEL SCHEDULE							
LINTEL MARK	NO.	SECTION	LINTEL TYPE	REMARKS	TYPES	DETAILS	REMARKS
L-1	2	3" x 12" x 1/2"	T-4	A	SEE DETAIL FOR CONNECTION TO WALL		
L-2	5	3" x 12" x 1/2"	T-4	L			
L-3	1	3" x 12" x 1/2"	T-4	C			
L-4	7	3" x 12" x 1/2"	T-4	L			
L-5	2	3" x 12" x 1/2"	T-4	C			
L-6	1	3" x 12" x 1/2"	T-4	A	DETAILS SHOWN		
L-7	1	3" x 12" x 1/2"	T-4	D			
L-8	1	3" x 12" x 1/2"	T-4	B			
L-9	1	3" x 12" x 1/2"	T-4	G			
L-10	1	3" x 12" x 1/2"	T-4	D			
L-11	2	3" x 12" x 1/2"	T-4	L	SEE DETAIL ON MECHANICAL ENTRY		
L-12	4	3" x 12" x 1/2"	T-4	SUM	SEE ENTL. DOOR DETAILS		
L-13	1	3" x 12" x 1/2"	T-4	E	PRELANT		
L-14	1	3" x 12" x 1/2"	T-4	H			
L-15	1	3" x 12" x 1/2"	T-4	H			

CB-16	1	10 I 31.8	5'-5 1/2"	5'-5 1/2"	5'-5 1/2"	5'-5 1/2"	
CB-17	1	10 I 25.4	5'-11"	5'-11"	5'-11"	5'-11"	
CB-18	1	10 I 25.4	5'-11"	5'-11"	5'-11"	5'-11"	
CB-19	1	10 I 25.4	5'-11"	5'-11"	5'-11"	5'-11"	
CB-20	1	10 I 25.4	5'-11"	5'-11"	5'-11"	5'-11"	
CB-21	1	10 I 25.4	5'-11"	5'-11"	5'-11"	5'-11"	
CB-22	1	10 I 25.4	5'-11"	5'-11"	5'-11"	5'-11"	
CB-23	1	10 I 25.4	5'-11"	5'-11"	5'-11"	5'-11"	
CB-24	1	10 I 25.4	5'-11"	5'-11"	5'-11"	5'-11"	
CB-25	1	10 I 25.4	5'-11"	5'-11"	5'-11"	5'-11"	
CB-26	1	10 I 25.4	5'-11"	5'-11"	5'-11"	5'-11"	
CB-27	1	10 I 25.4	5'-11"	5'-11"	5'-11"	5'-11"	
CB-28	1	10 I 25.4	5'-11"	5'-11"	5'-11"	5'-11"	
CB-29	1	10 I 25.4	5'-11"	5'-11"	5'-11"	5'-11"	
CB-30	1	10 I 25.4	5'-11"	5'-11"	5'-11"	5'-11"	
CB-31	1	10 I 25.4	5'-11"	5'-11"	5'-11"	5'-11"	
CB-32	1	10 I 25.4	5'-11"	5'-11"	5'-11"	5'-11"	
CB-33	1	10 I 25.4	5'-11"	5'-11"	5'-11"	5'-11"	
CB-34	1	10 I 25.4	5'-11"	5'-11"	5'-11"	5'-11"	
CB-35	1	10 I 25.4	5'-11"	5'-11"	5'-11"	5'-11"	
CB-36	1	10 I 25.4	5'-11"	5'-11"	5'-11"	5'-11"	
CB-37	1	10 I 25.4	5'-11"	5'-11"	5'-11"	5'-11"	
CB-38	1	10 I 25.4	5'-11"	5'-11"	5'-11"	5'-11"	
CB-39	1	10 I 25.4	5'-11"	5'-11"	5'-11"	5'-11"	
CB-40	1	10 I 25.4	5'-11"	5'-11"	5'-11"	5'-11"	
CB-41	1	10 I 25.4	5'-11"	5'-11"	5'-11"	5'-11"	
CB-42	1	10 I 25.4	5'-11"	5'-11"	5'-11"	5'-11"	
CB-43	1	10 I 25.4	5'-11"	5'-11"	5'-11"	5'-11"	

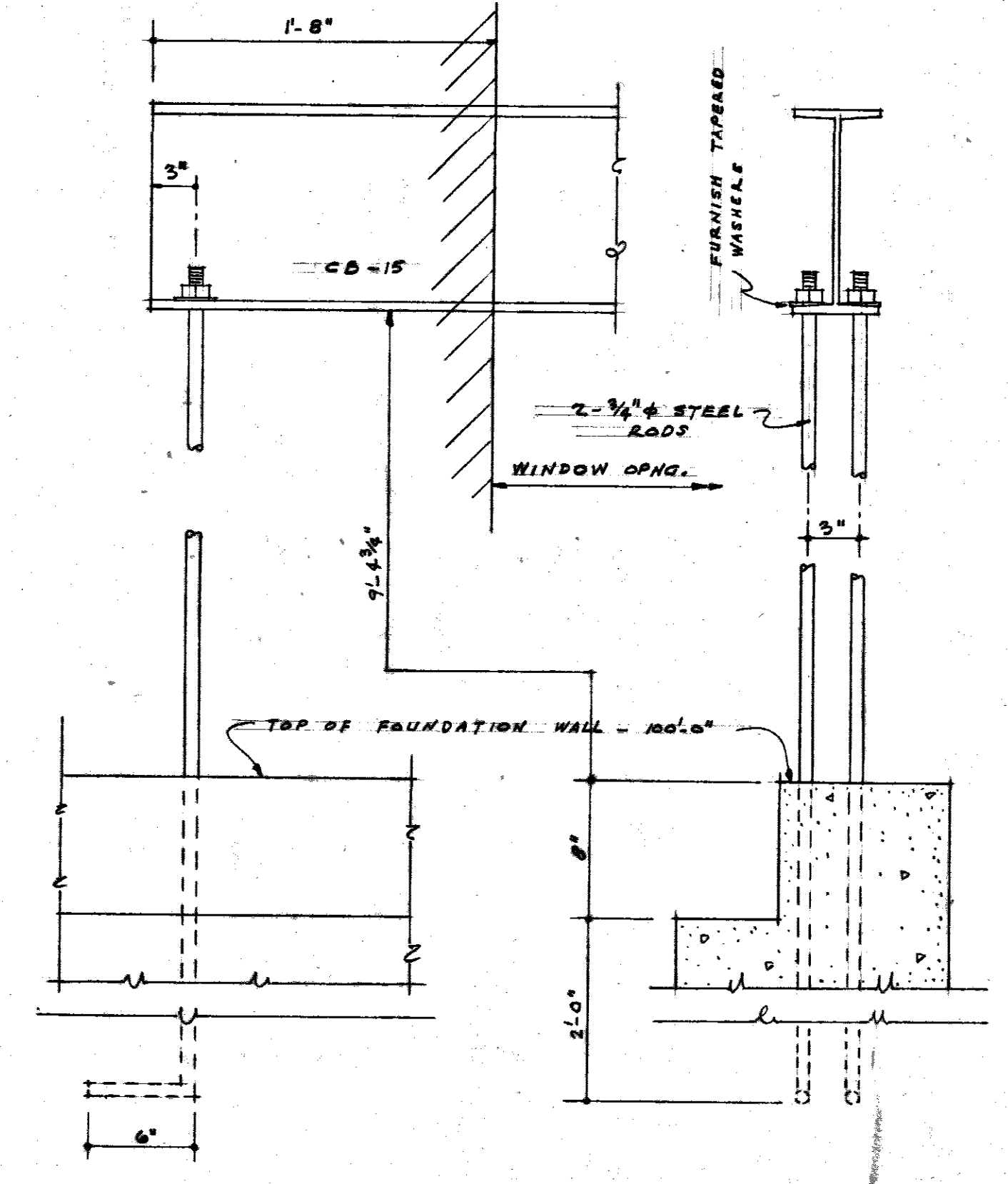


CANOPY FRAMING PLANS
1/4" = 1'-0"

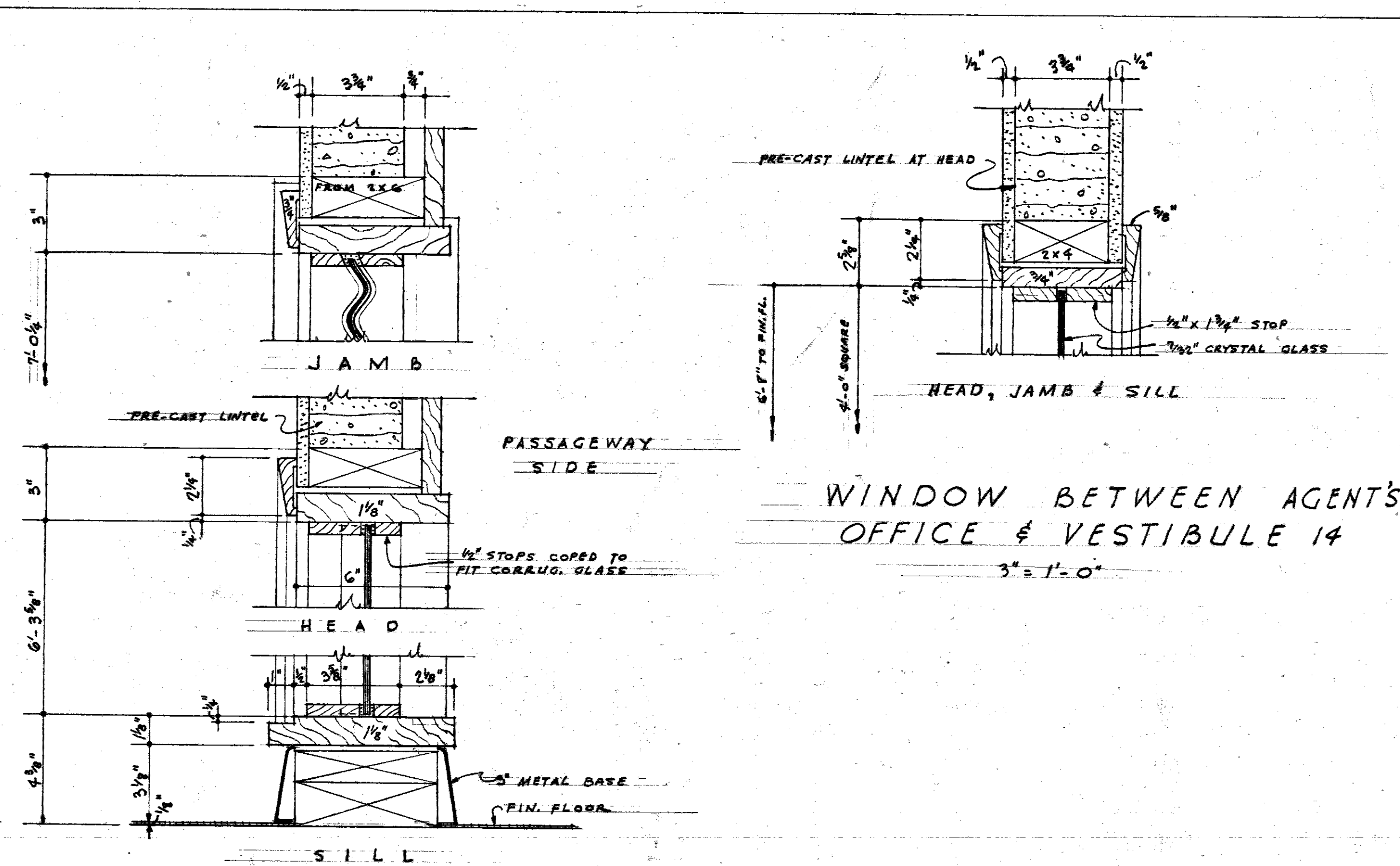
REVISIONS	DATE	DESCRIPTION	BY	THE	NO.	SHEET
				THE	18	7
				NEW	18	
				LAWRENCE	18	
				CANOPY FRAMING PLANS & STEEL SCHEDULES	18	
				APPROVED: J. D. ...	18	
				FILE	18	
				72183	18	



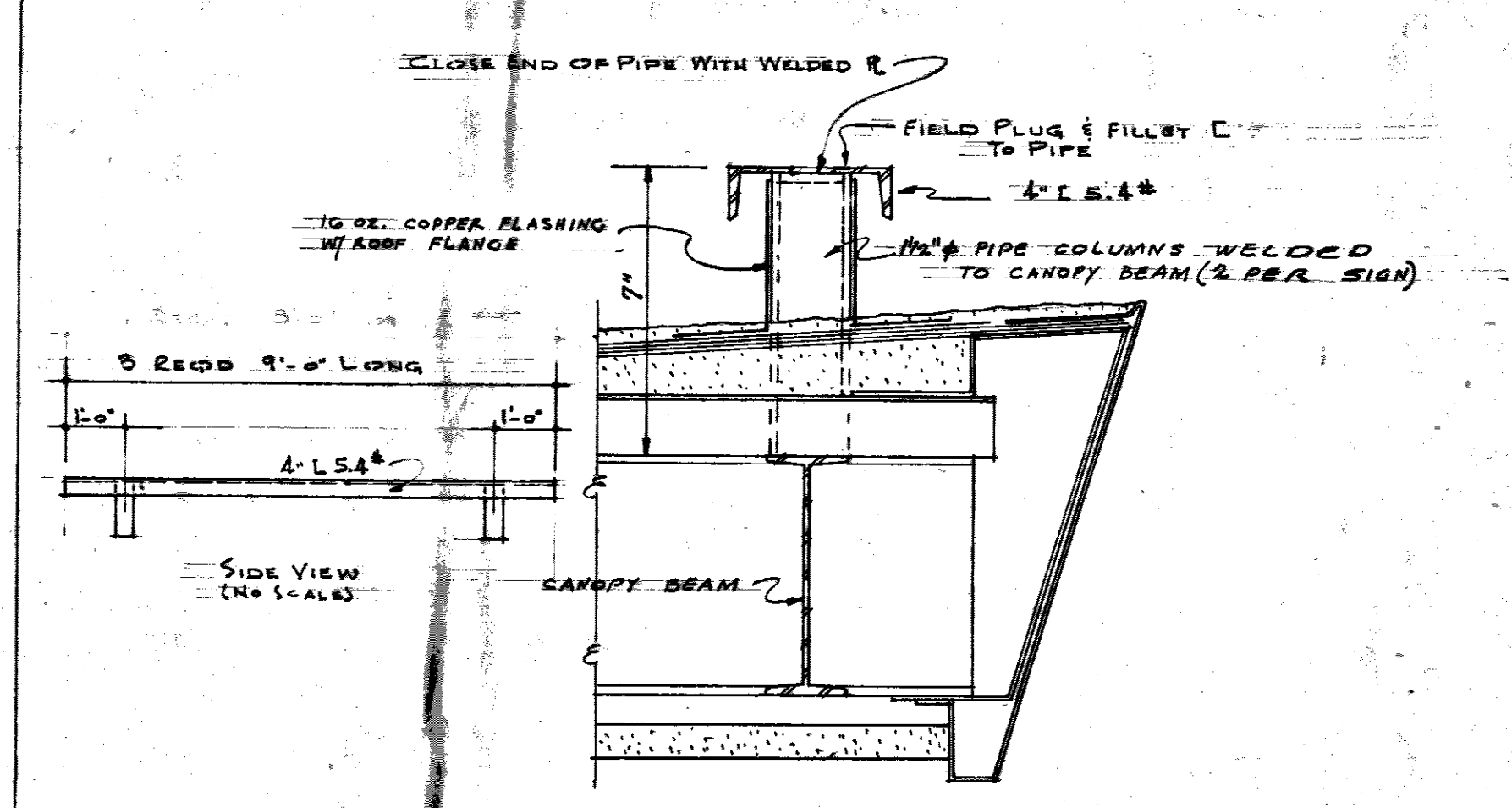
CANOPY FRAMING DETAILS



CB-15 END BEARING & ANCHORAGE

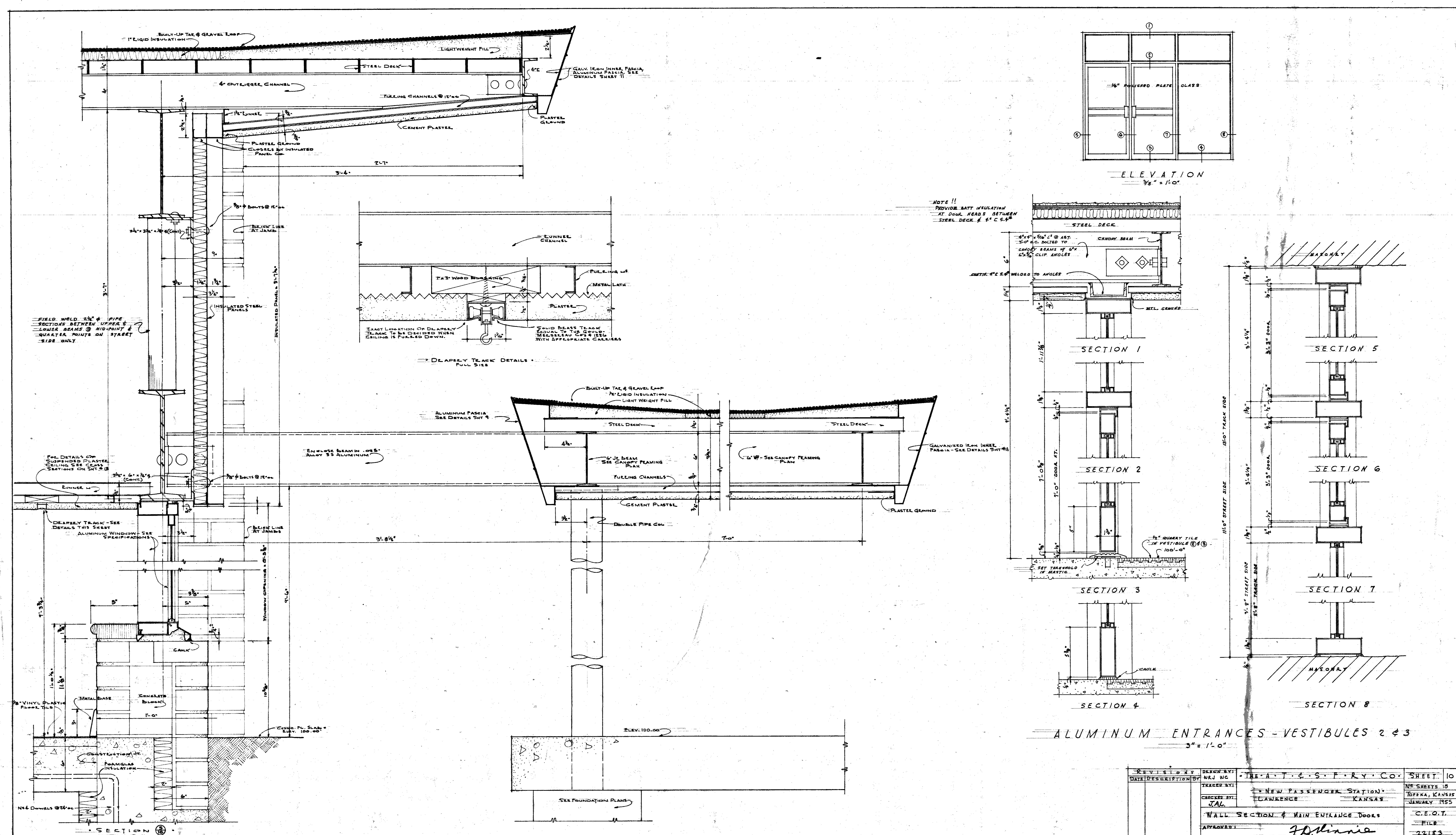


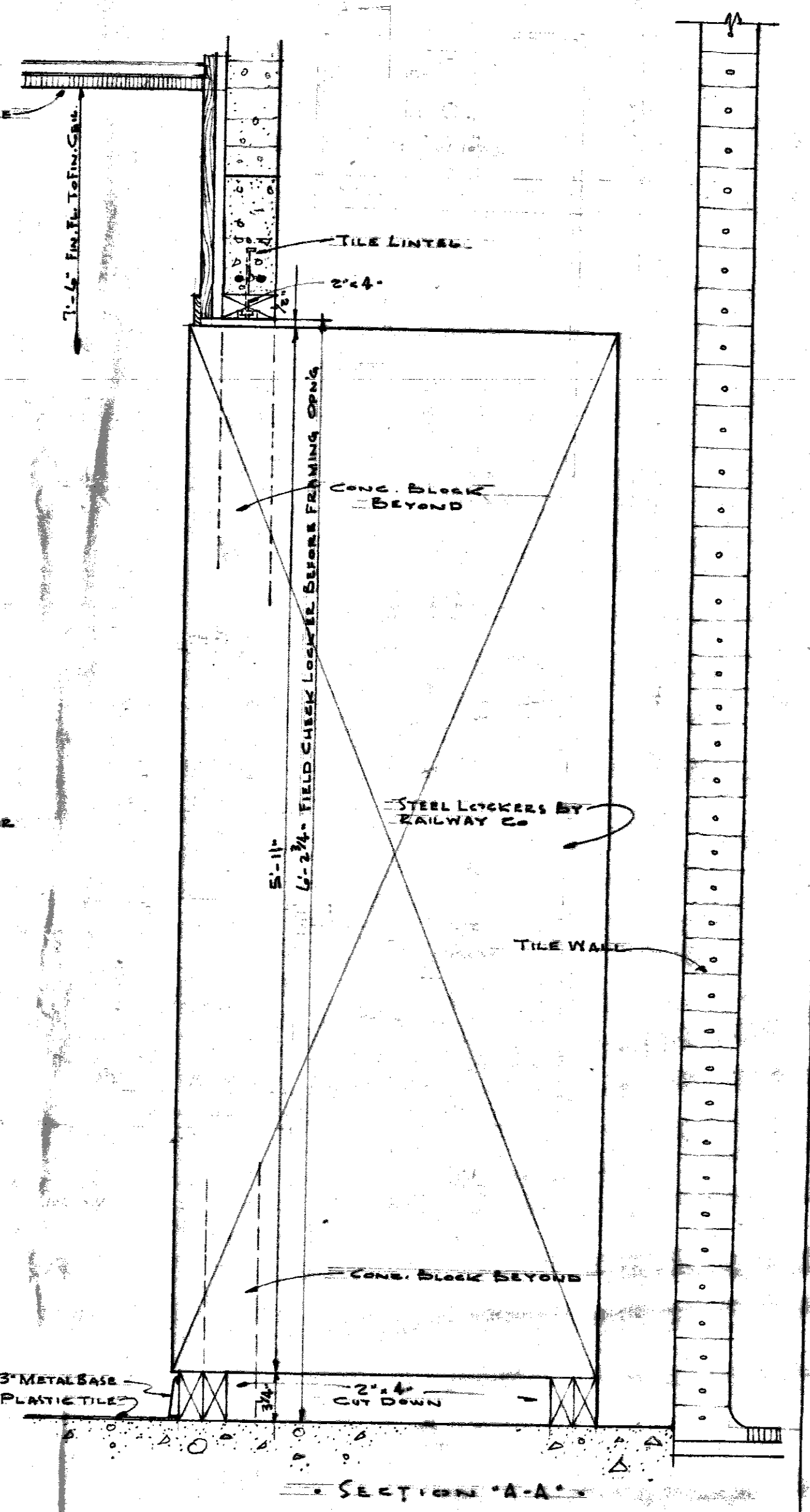
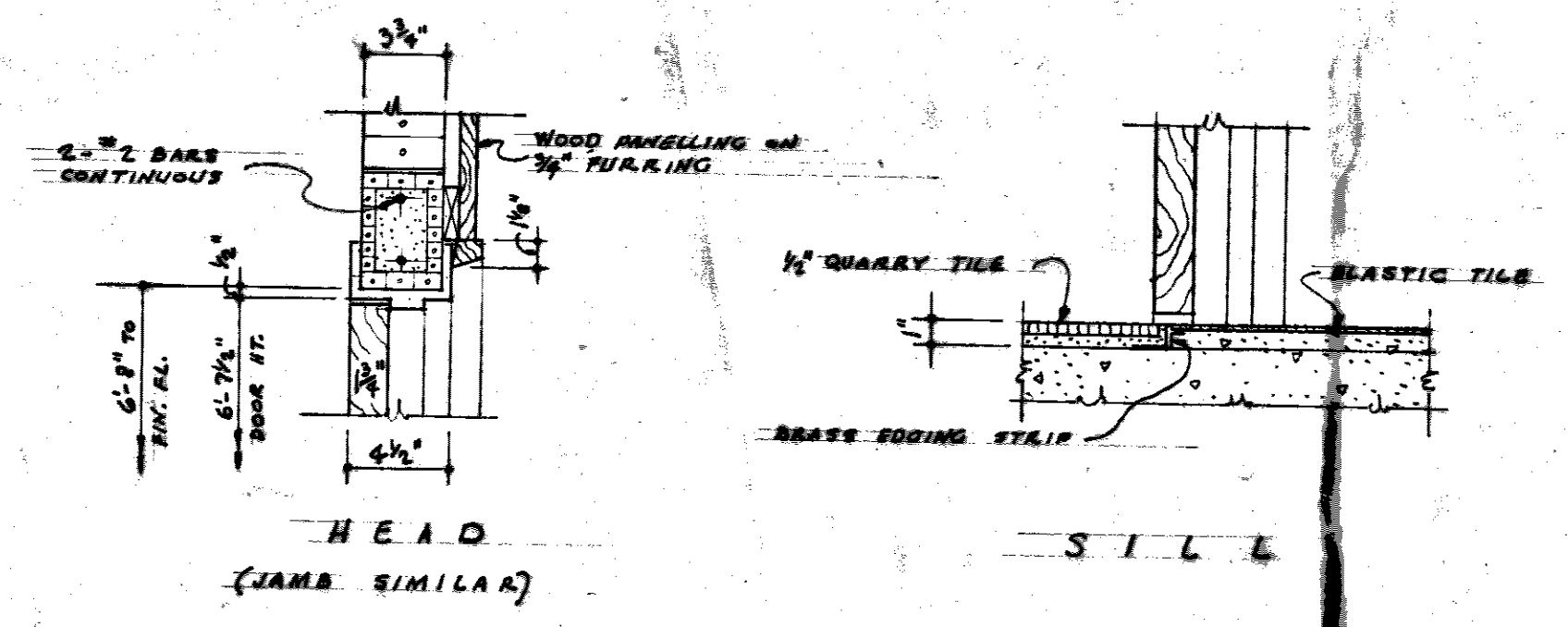
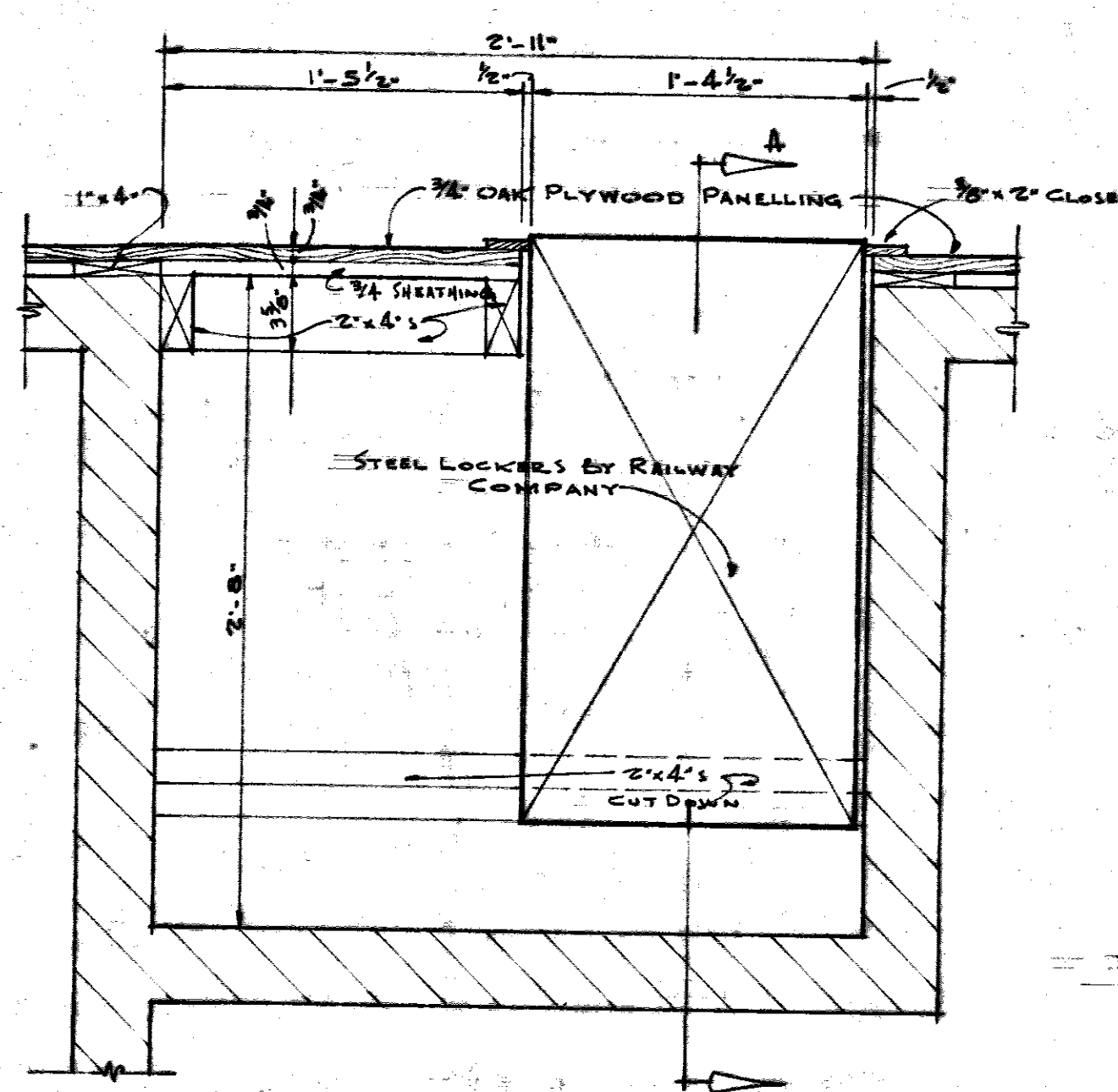
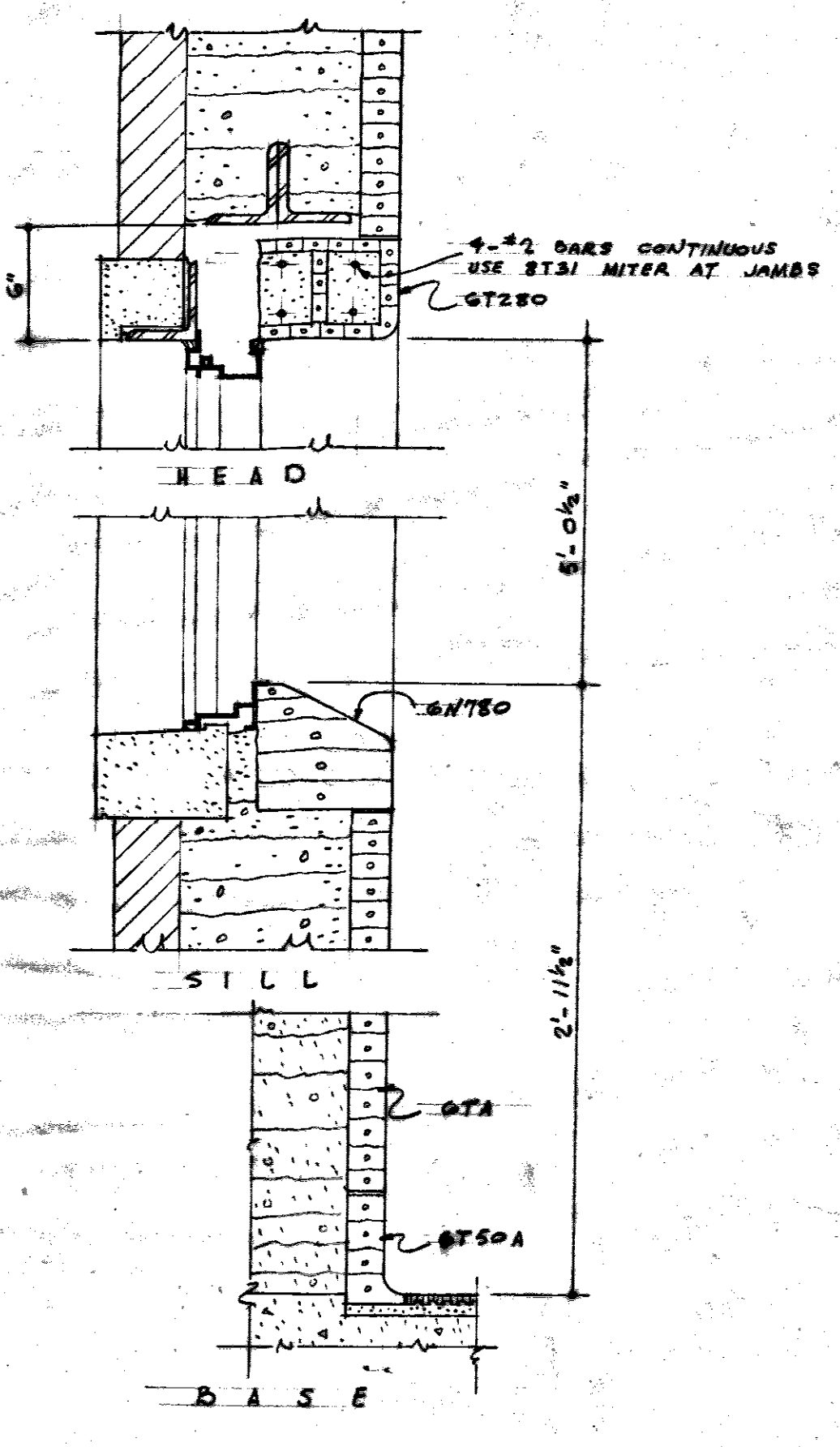
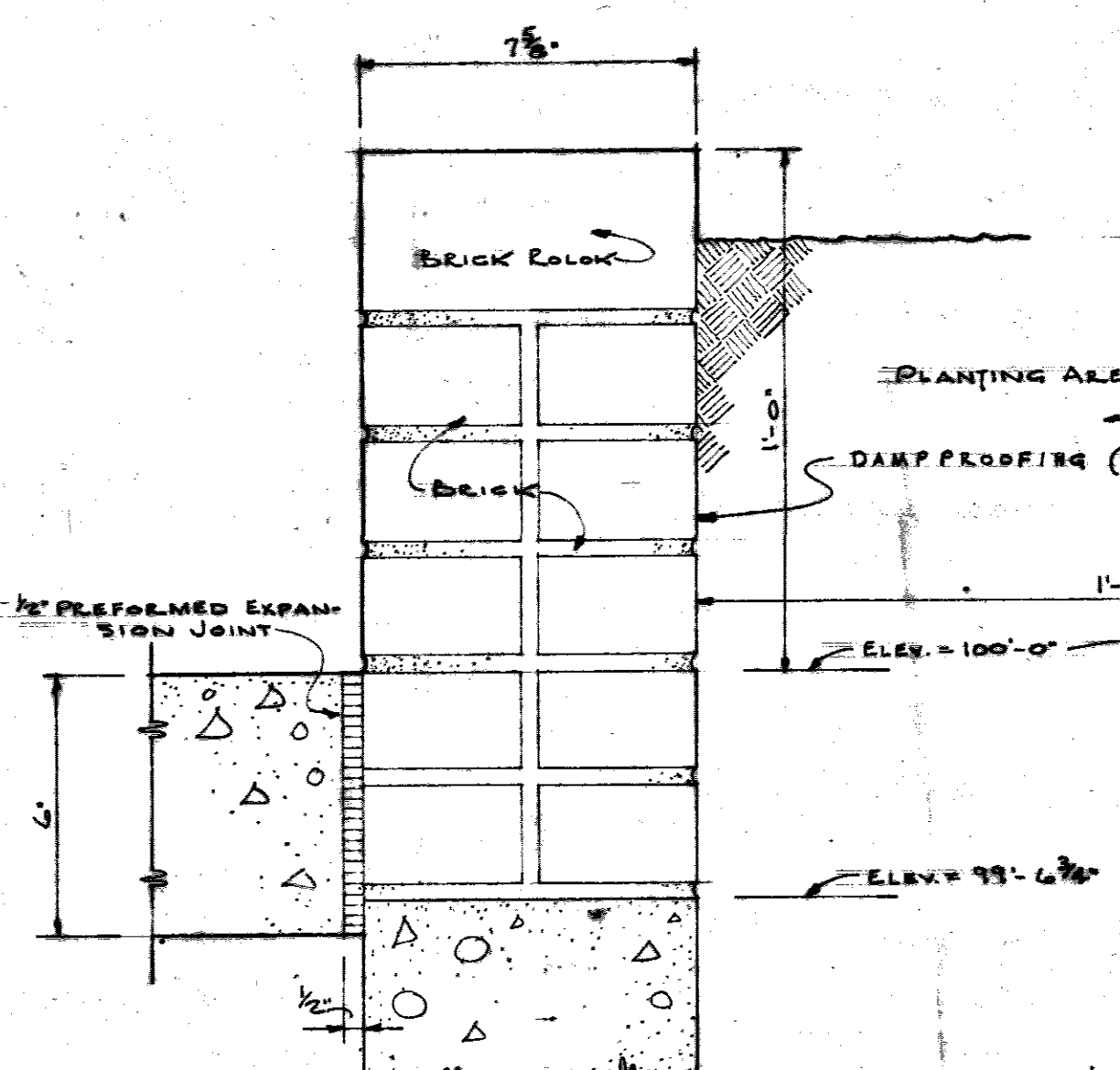
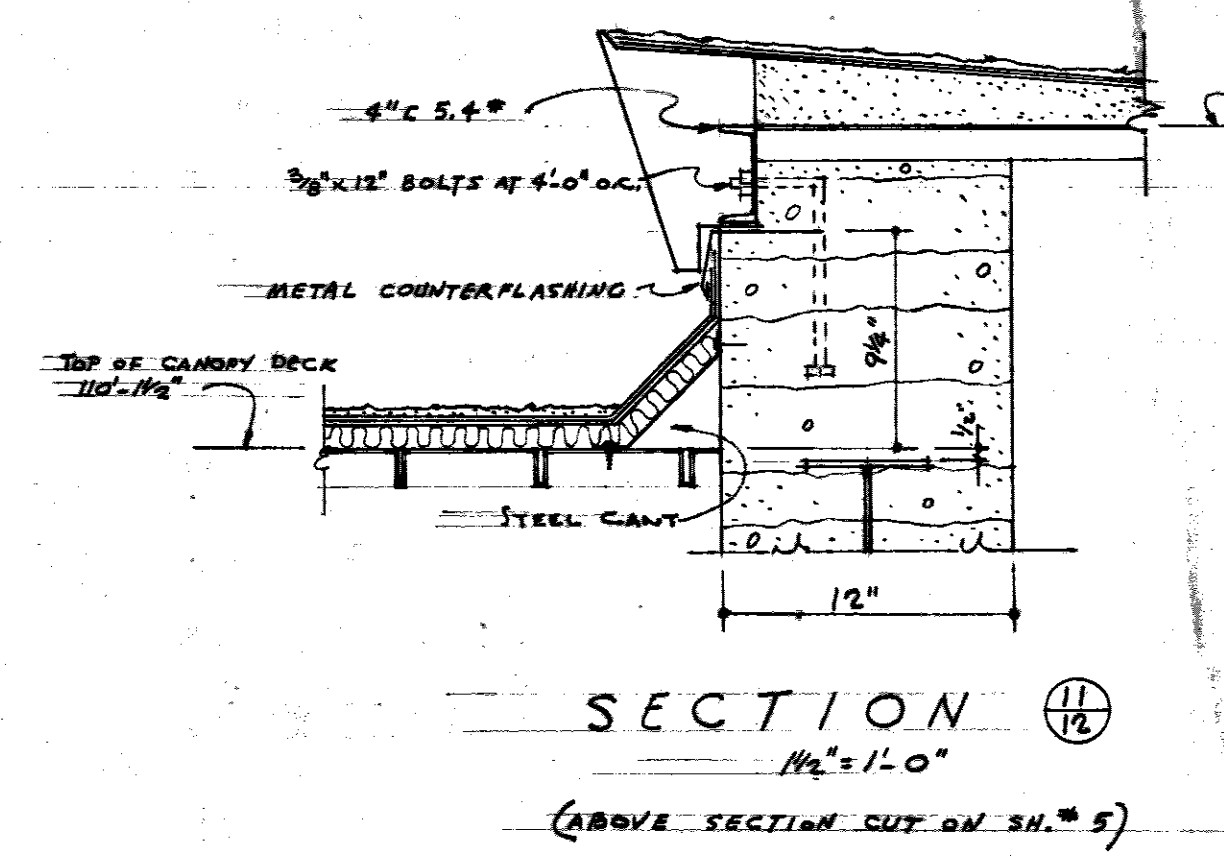
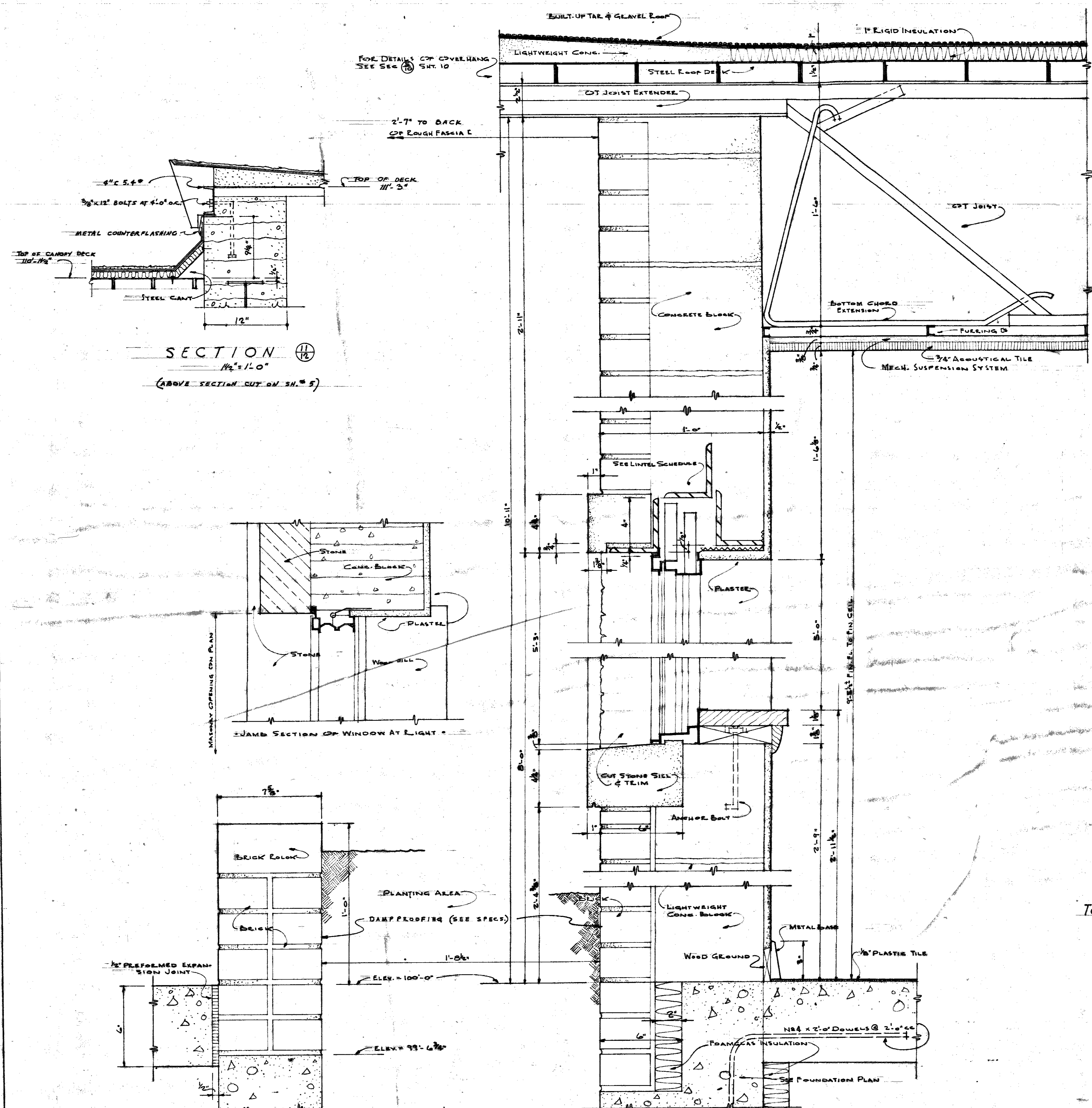
WINDOW BETWEEN AGENT'S OFFICE & VESTIBULE 14



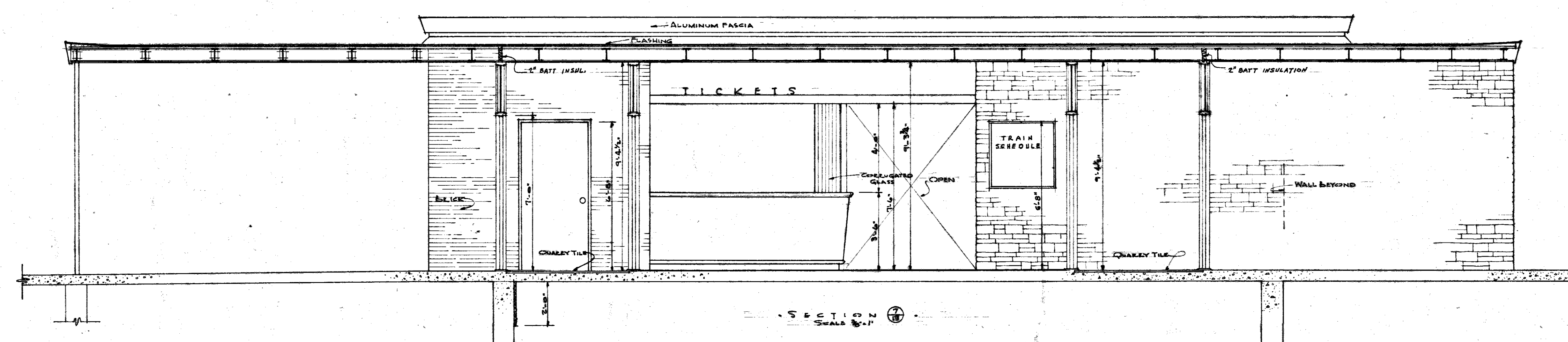
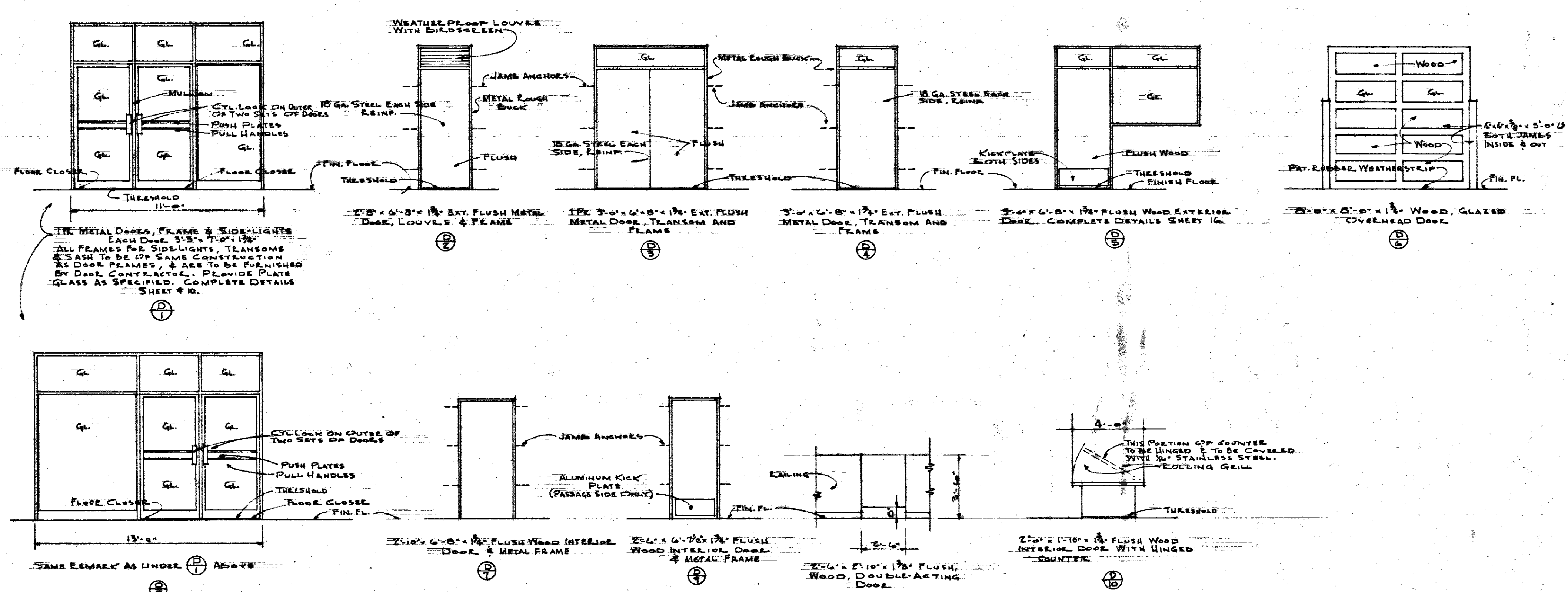
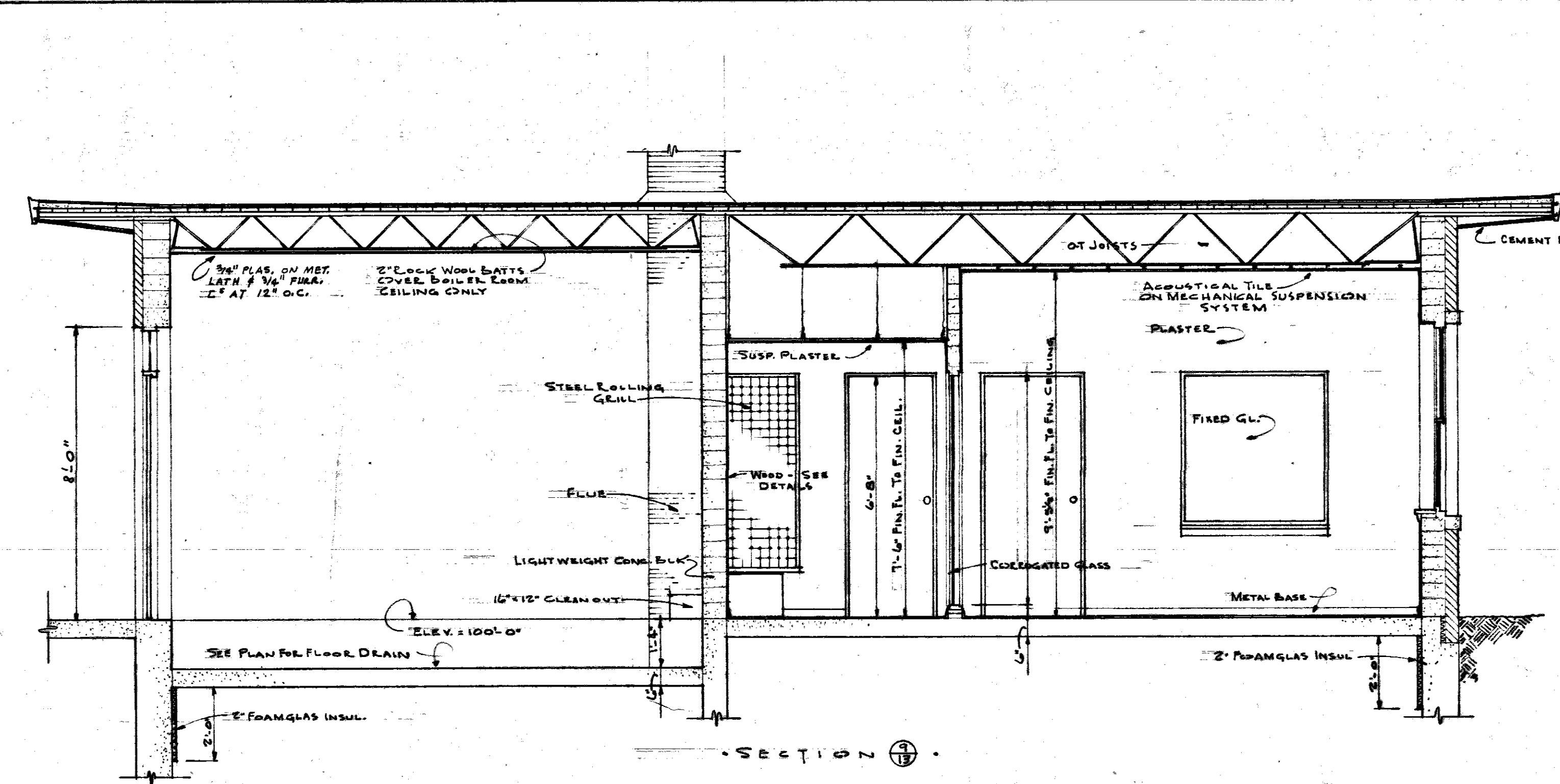
SIGN MOUNTING DETAIL

REVISIONS	DATE	DESCRIPTION	DR. BY	WC	THE A. & S. P. RY. CO.	SHEET	8
TRACED BY					NEW PASSENGER STATION	NO.	10
CHECKED BY					LAWRENCE	FILE	22183
APPROVED					J. D. Kinzie	FILE	
					CHIEF ENGINEER		



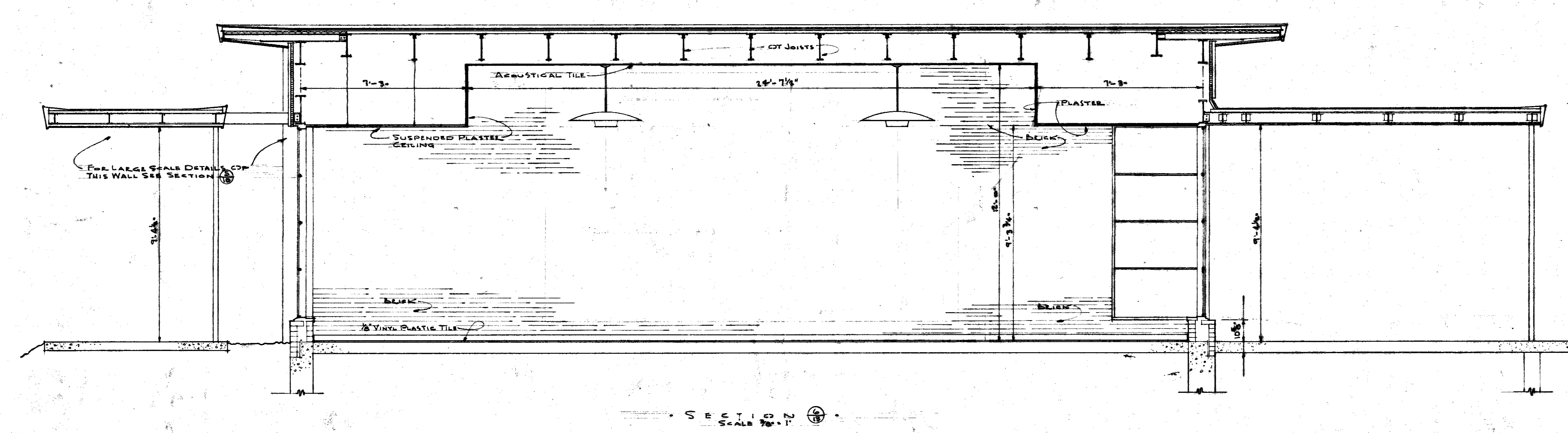


REVISIONS	DATE	DESCRIPTION	BY	DRWN BY	THE A. T. & S. FRY CO.	SHEET 12
				W.A.J. WC	NEW PASSENGER STATION - KANSAS	NO. SHEETS 18
				CHECKED BY: J.A.L.		TOPEKA, KANSAS
				APPROVED: J.H. Kinnis		JANUARY 1932
					WALL SECTIONS, TELEPHONE COUNTER DETAILS	C.E.O.T.
					GLAZED TILE DETAILS	FILE
						ZZ103



WINDOW SCHEDULE

MARK	MATERIAL	WIDTH	HEIGHT	TYPE	NO. EACH	REMARKS
1	ALUMINUM	27'-11"	8'-5 1/2"	BASE WINDOW	1	EQUAL TO GEYSERBANK WINDOWS
2	D.	24'-0"	8'-5 1/2"	D.	1	D.
3	D.	3'-8 1/2"	8'-5 1/2"	D.	2	D.
4	D.	4'-0"	5'-3"	DOUBLE HUNG	4	2 UNITS WITH 1/2\"/>
5	D.	3'-0"	5'-3"	D.	1	EQUAL TO THE ADAMS & WESTLAKE CO'S 'COMMERCIAL' 600\"/>
6	D.	9'-0"	4'-6"	D.	1	2 UNITS WITH 1/2\"/>
7	D.	4'-0"	2'-6"	D.	2	2 UNITS WITH 1/2\"/>
8	WOOD	3'-0"	7'-2 1/2"	FIXED WITH VENTS	1	EQUAL TO ADAMS & WESTLAKE CO'S 'COMMERCIAL' 600\"/>



FINISH SCHEDULE

ROOM DESIGNATION	FLOOR		BASE		WALLS		CEILING		REMARKS
	WALL PLASTER	CONCRETE	WOOD	PAINT	WOOD	PAINT	UNPAINTED	PAINTED	
1. WAITING ROOM	0	0	0	0	0	0	0	0	1/2\"/>
2. VESTIBULE	0	0	0	0	0	0	0	0	1/2\"/>
3. VESTIBULE	0	0	0	0	0	0	0	0	D.
4. TICKET OFFICE	0	0	0	0	0	0	0	0	1/2\"/>
5. PASSAGE	0	0	0	0	0	0	0	0	1/2\"/>
6. BRIDGE ROOM	0	0	0	0	0	0	0	0	1/2\"/>
7. WOMEN'S TOILET	0	0	0	0	0	0	0	0	1/2\"/>
8. MEN'S TOILET	0	0	0	0	0	0	0	0	1/2\"/>
9. JANITOR'S CLOSET	0	0	0	0	0	0	0	0	1/2\"/>
10. AGENT'S OFFICE	0	0	0	0	0	0	0	0	1/2\"/>
11. FILE ROOM	0	0	0	0	0	0	0	0	1/2\"/>
12. BAGGAGE ROOM	0	0	0	0	0	0	0	0	-
13. FREIGHT OFFICE	0	0	0	0	0	0	0	0	1/2\"/>
14. VESTIBULE	0	0	0	0	0	0	0	0	1/2\"/>

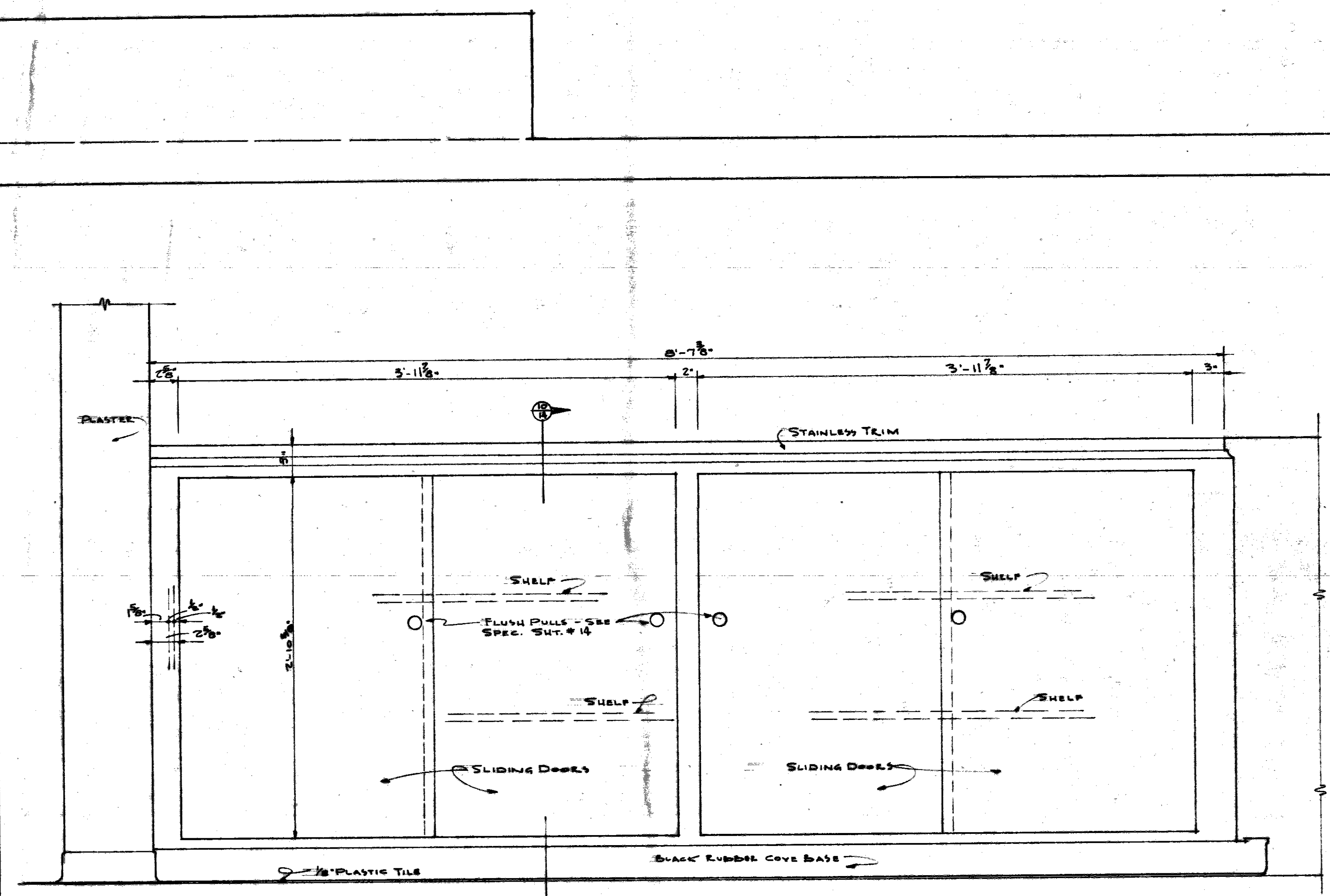
REVISIONS: DRAWN BY: W.R.J. CHECKED BY: J.A.L. APPROVED BY: J.D. Kline

THE S. F. RY. CO. SHEET 13

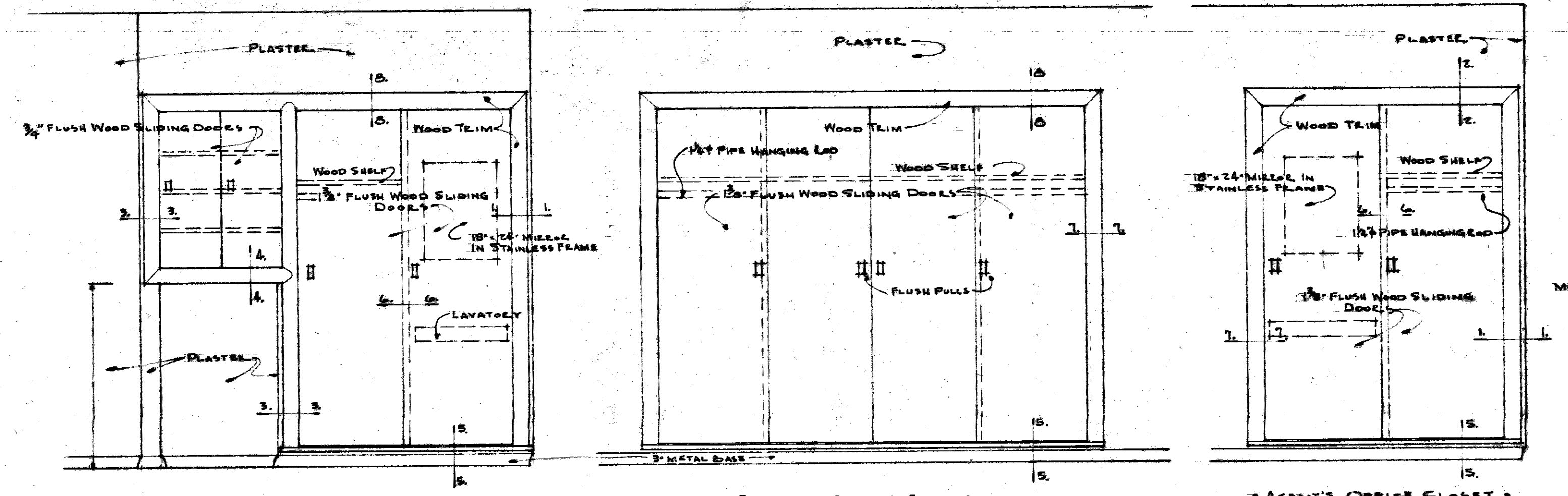
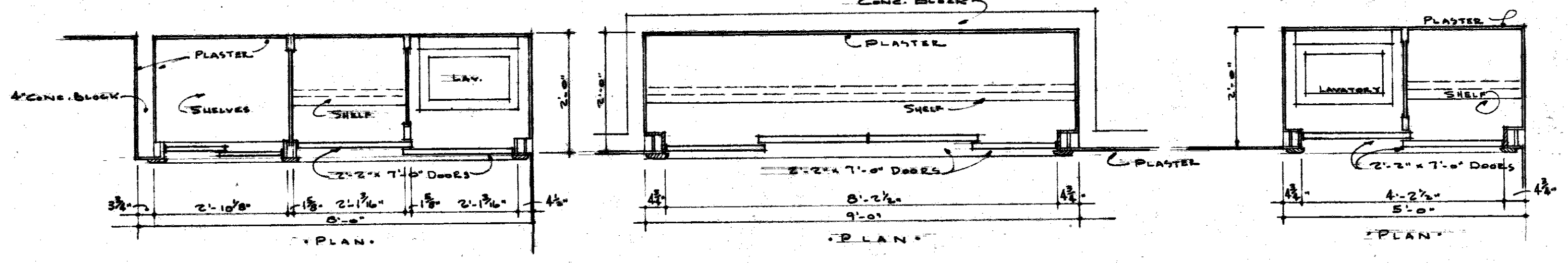
NEW PASSENGER STATION, TOPEKA, KANSAS, JANUARY, 1955

CROSS SECTIONS & SCHEDULES

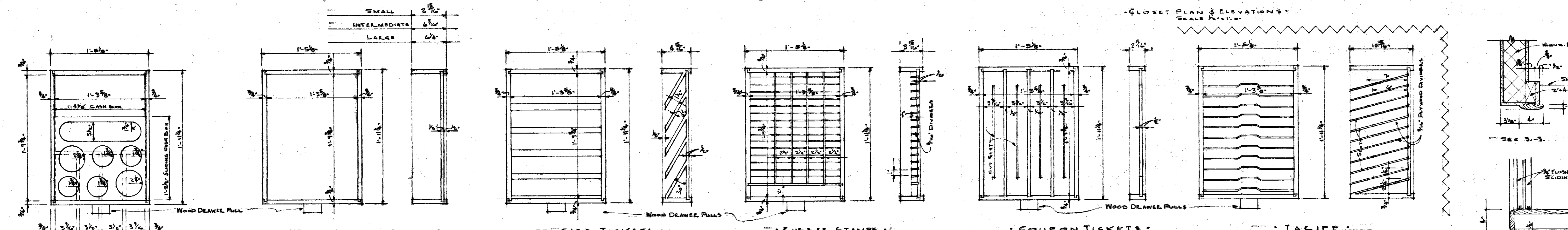
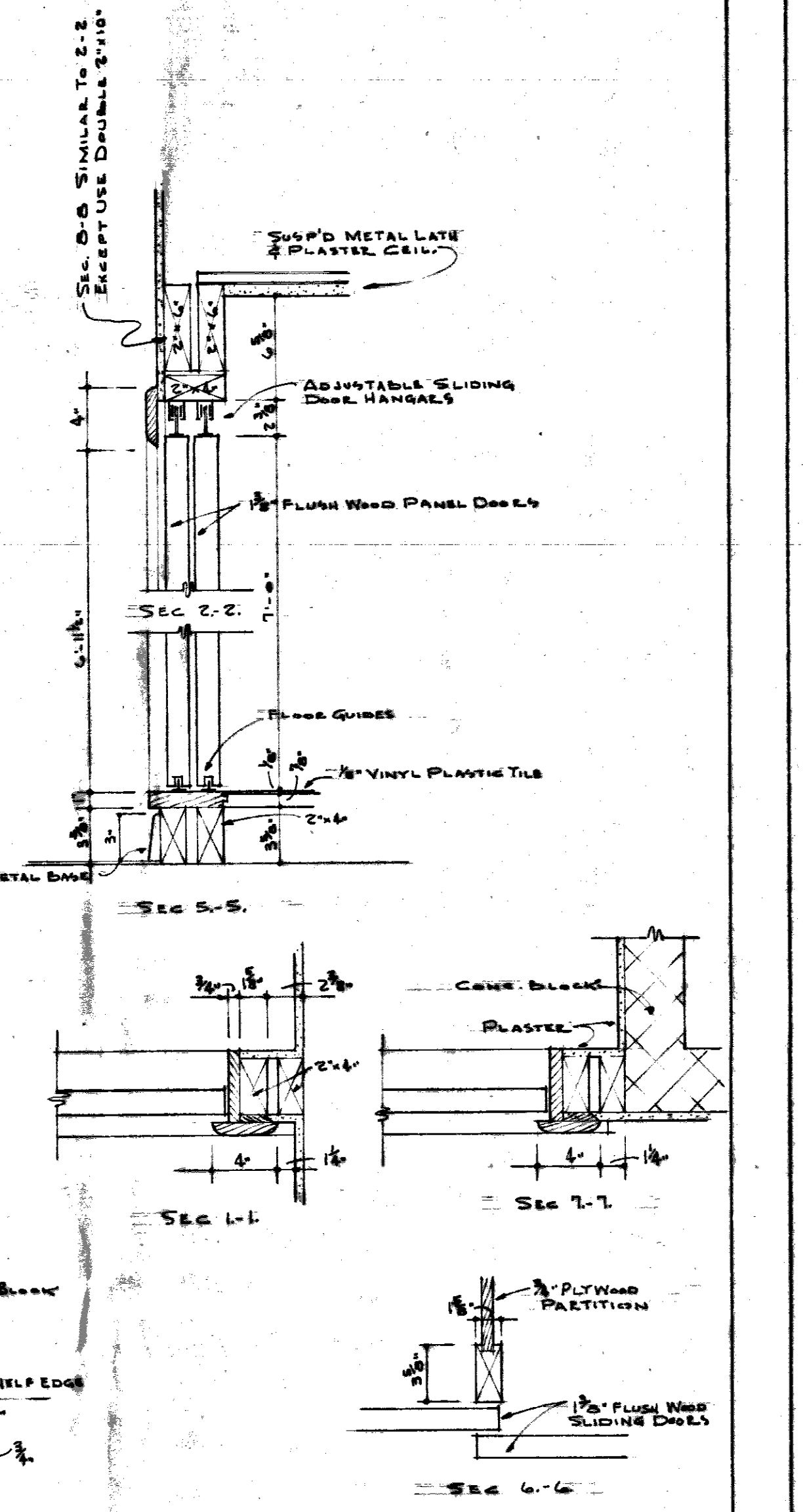
FILE: 22188



WORK COUNTER IN TICKET OFFICE
SCALE 1/4" = 1'-0"



TICKET OFFICE CLOSET
AGENT'S OFFICE CLOSET
CLOSET PLAN & ELEVATIONS
SCALE 1/4" = 1'-0"



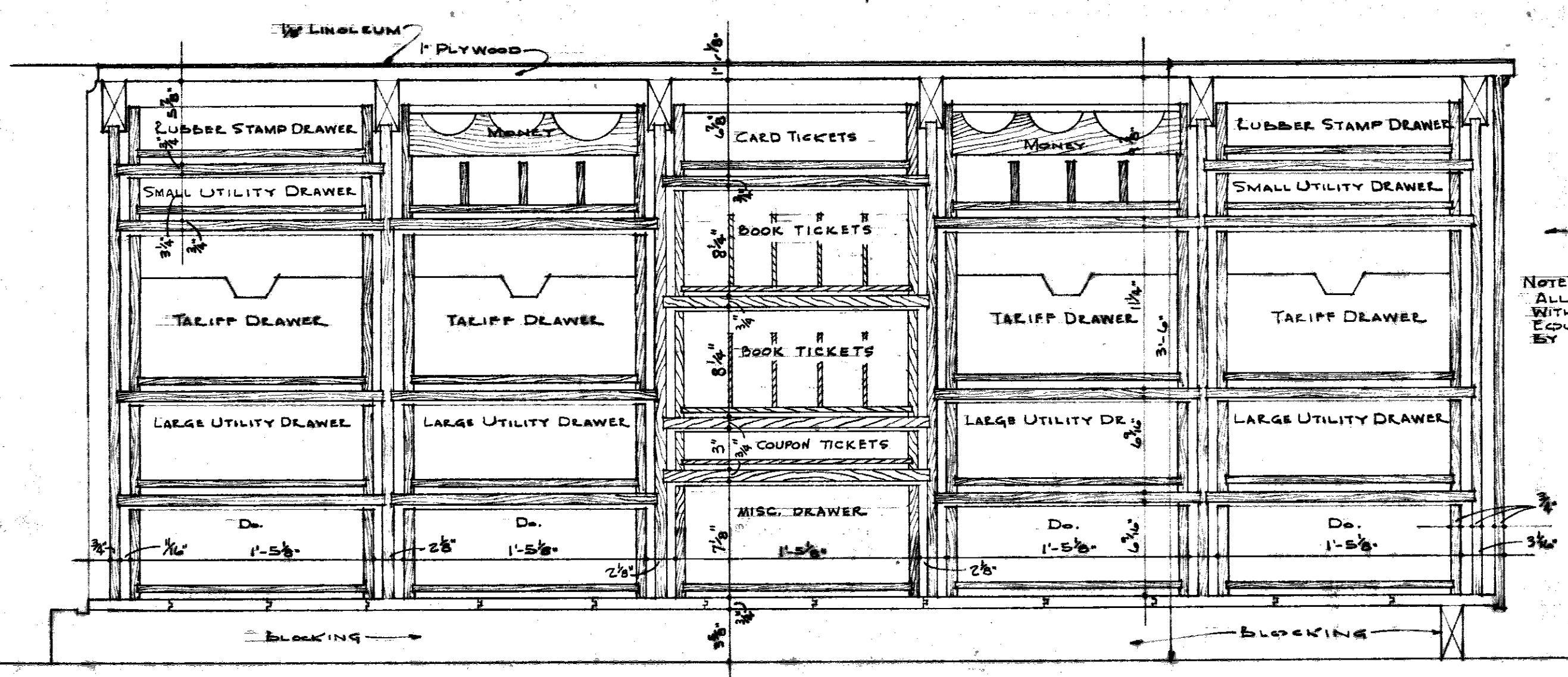
UTILITY

CARD TICKETS

LUBRICATION STAMPS

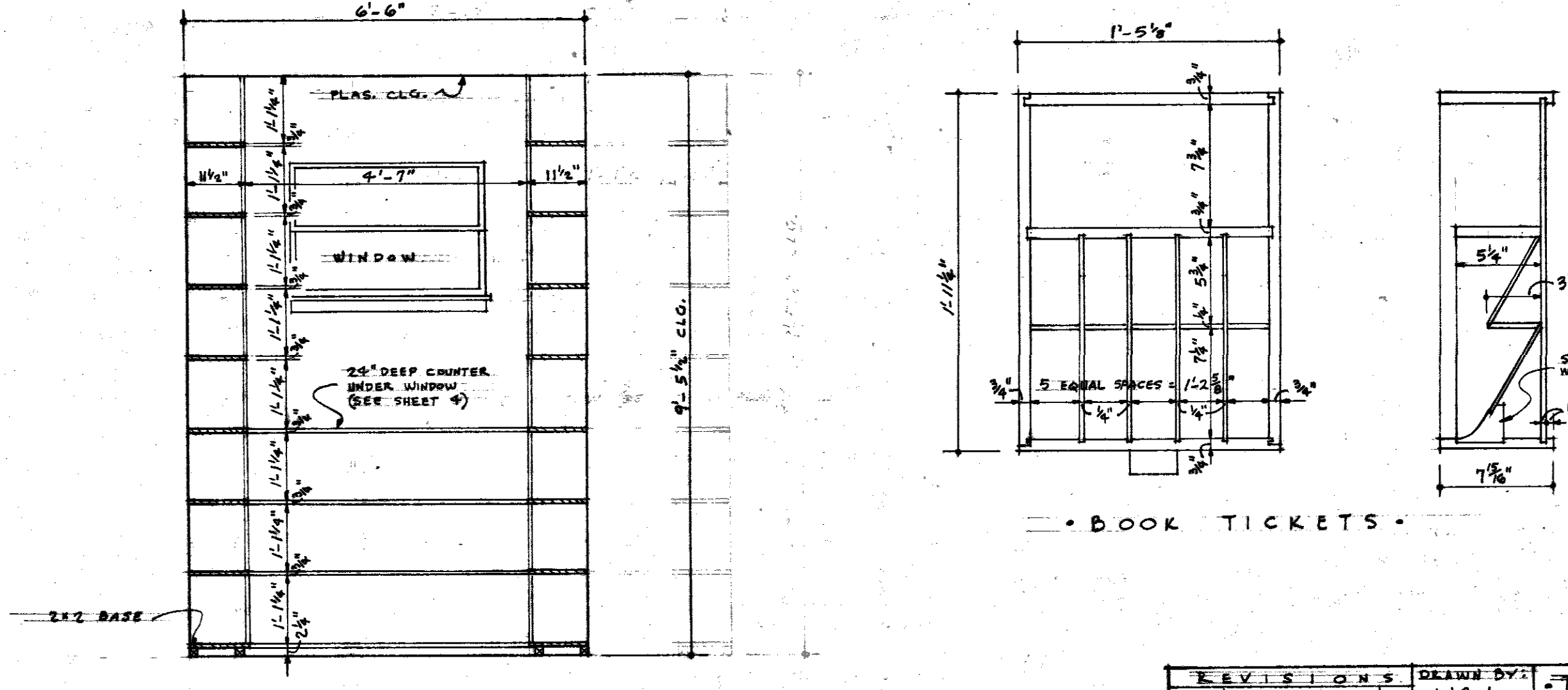
COUPON TICKETS

TARIFF



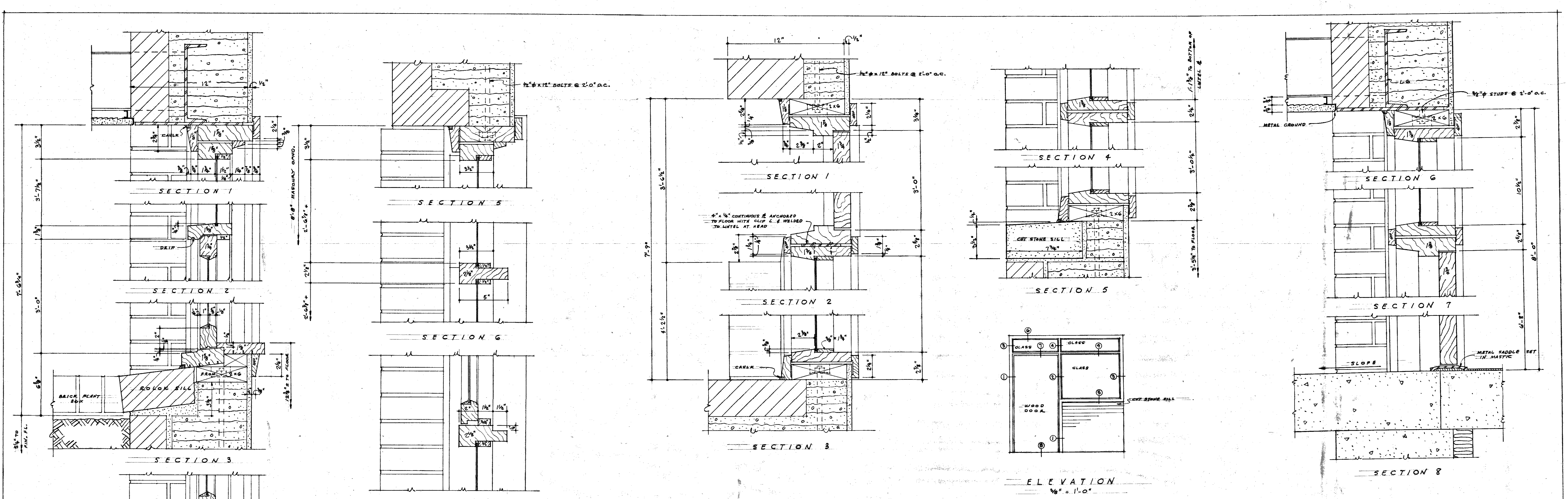
LONGITUDINAL SECTION THROUGH TICKET COUNTER
SCALE 1/4" = 1'-0"

NOTE: ALL DRAWERS TO BE EQUIPPED WITH FRICTIONLESS DRAWER SLIDES EQUAL TO NO. 1400 AS MANUFACTURED BY KNAPP & VOIGT.

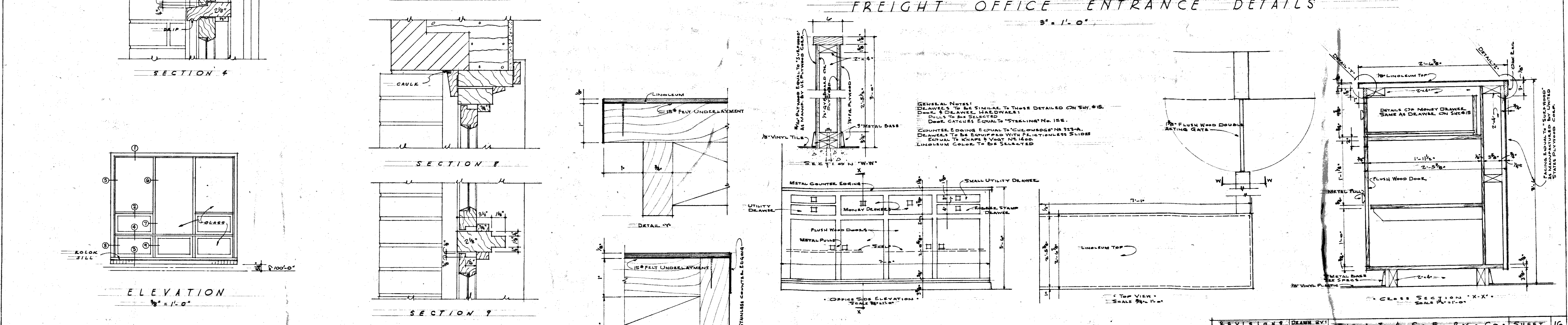


SECTION THROUGH FILE ROOM
SCALE 1/4" = 1'-0"

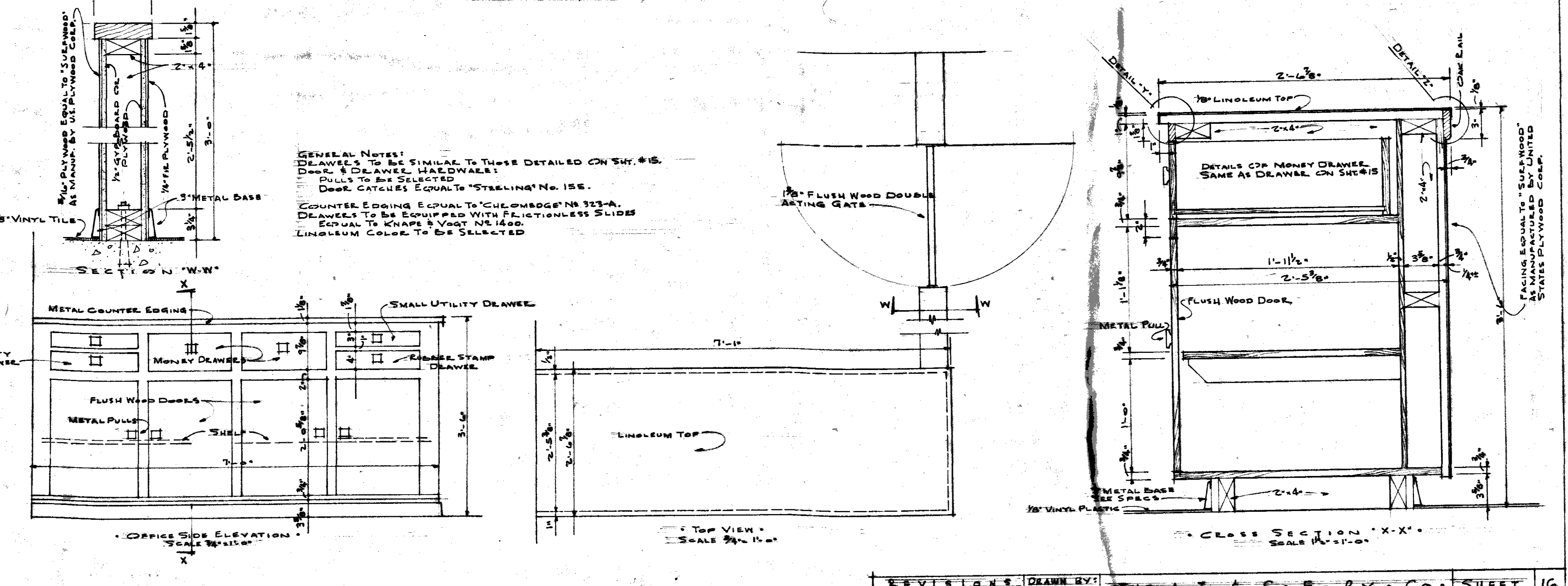
REVISIONS	DATE	DESCRIPTION	BY	THE T. & S. F. LY. CO.	SHEET 15
				NEW PASSENGER STATION	NO. SHEETS 18
				LAWRENCE	TOPICKA, KANSAS
					JANUARY 1955
				MILLWORK	C.E.O.T.
					FILE
					22183



FREIGHT OFFICE ENTRANCE DETAILS
3' - 11" 0"

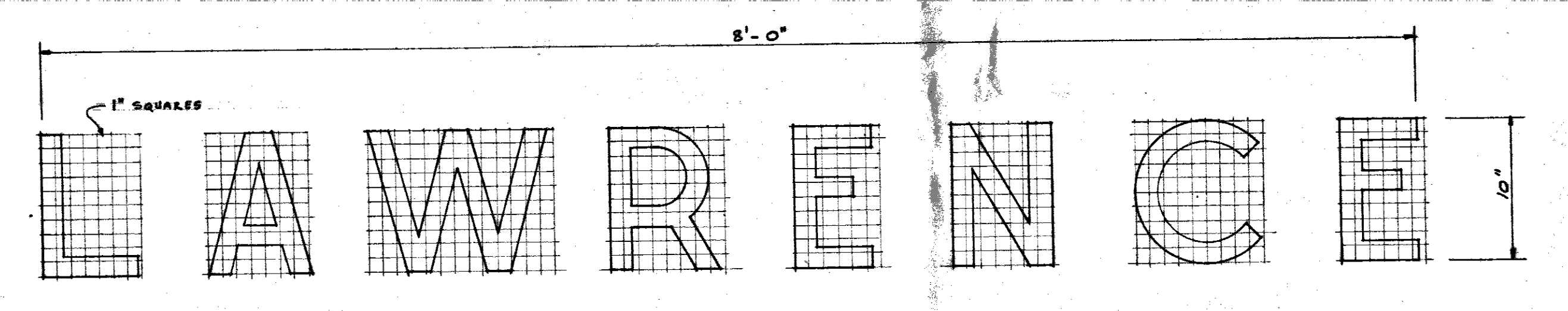
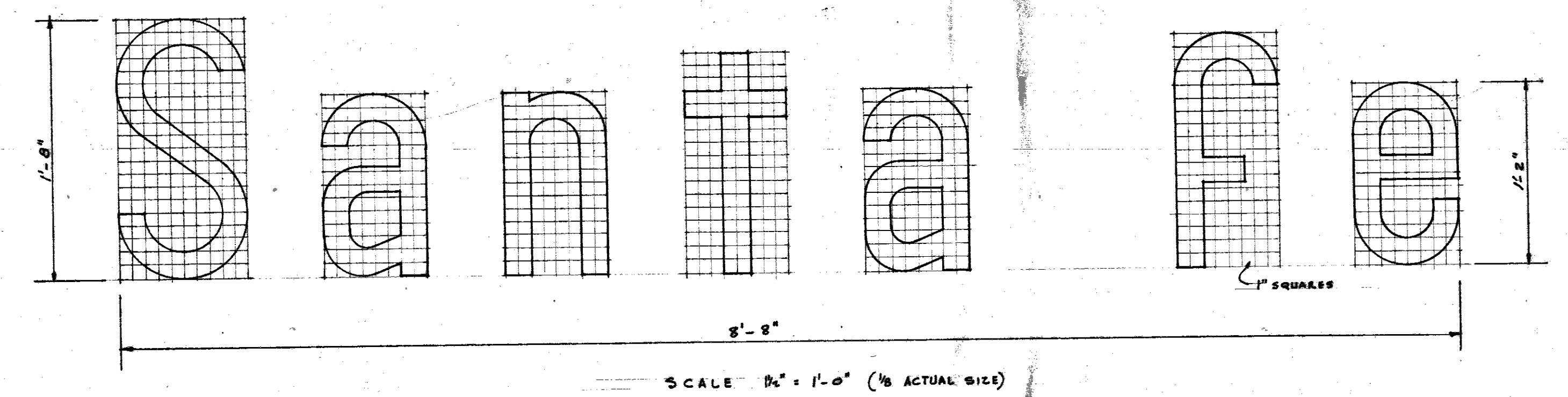
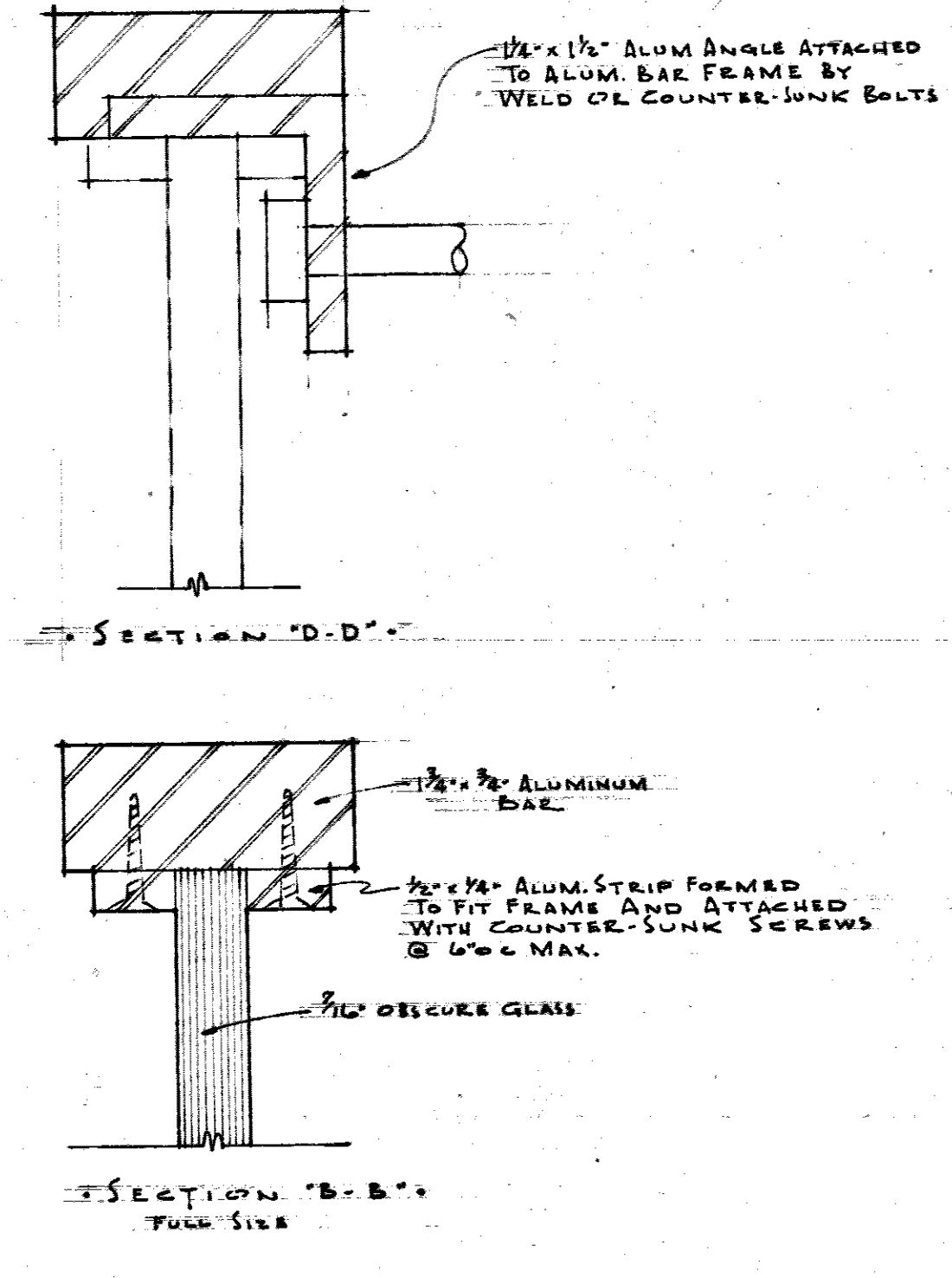
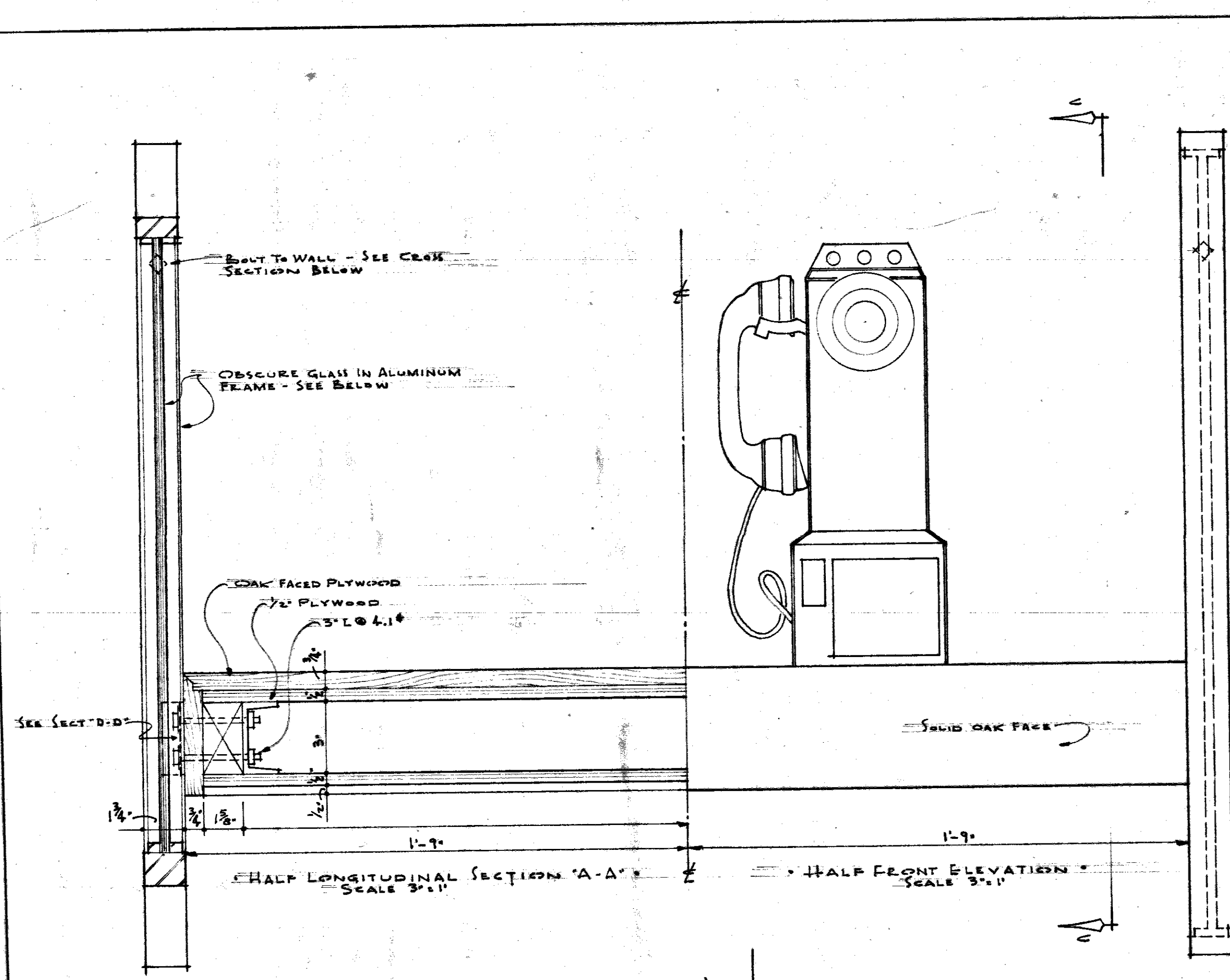


FREIGHT OFFICE WINDOW DETAILS

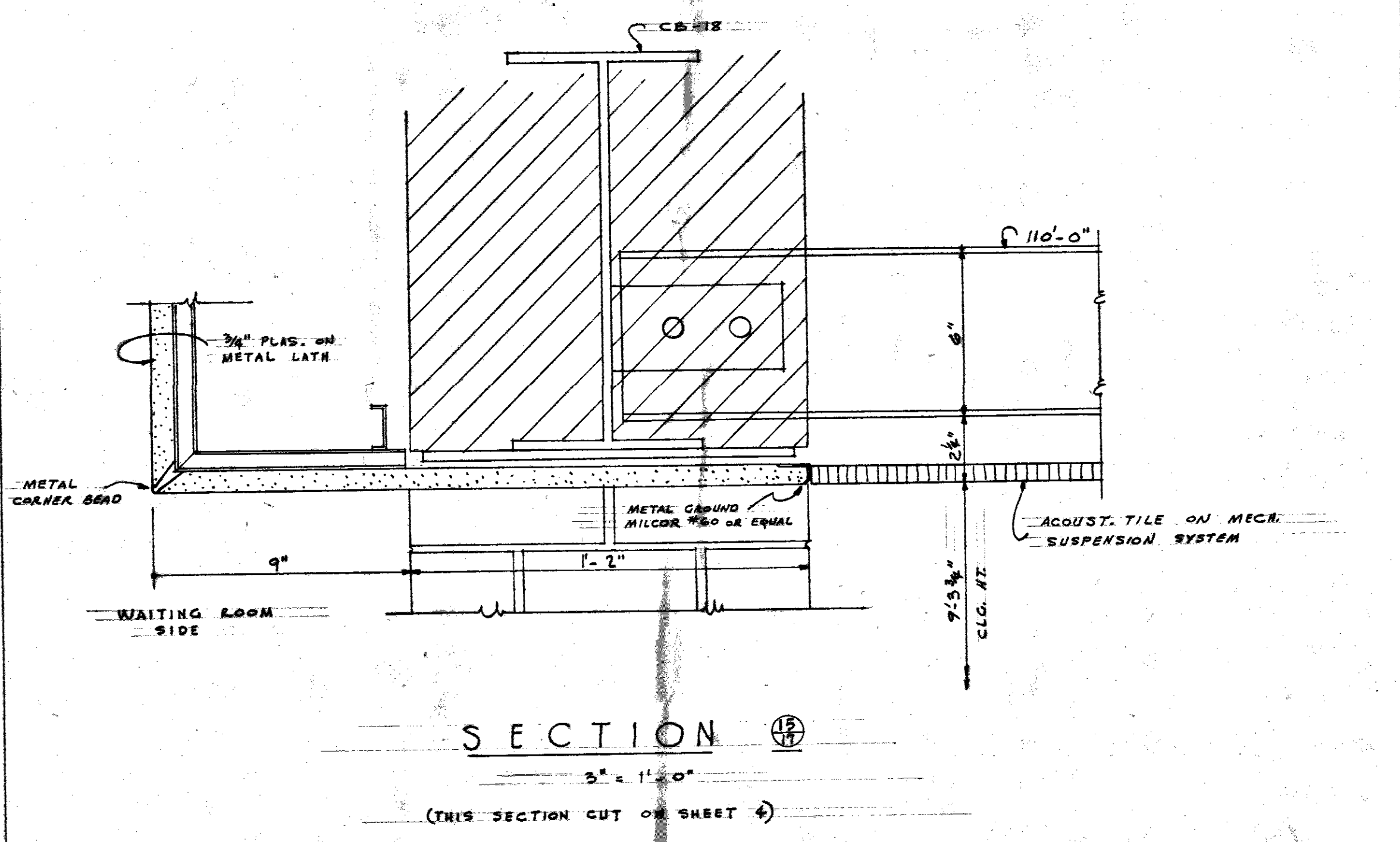
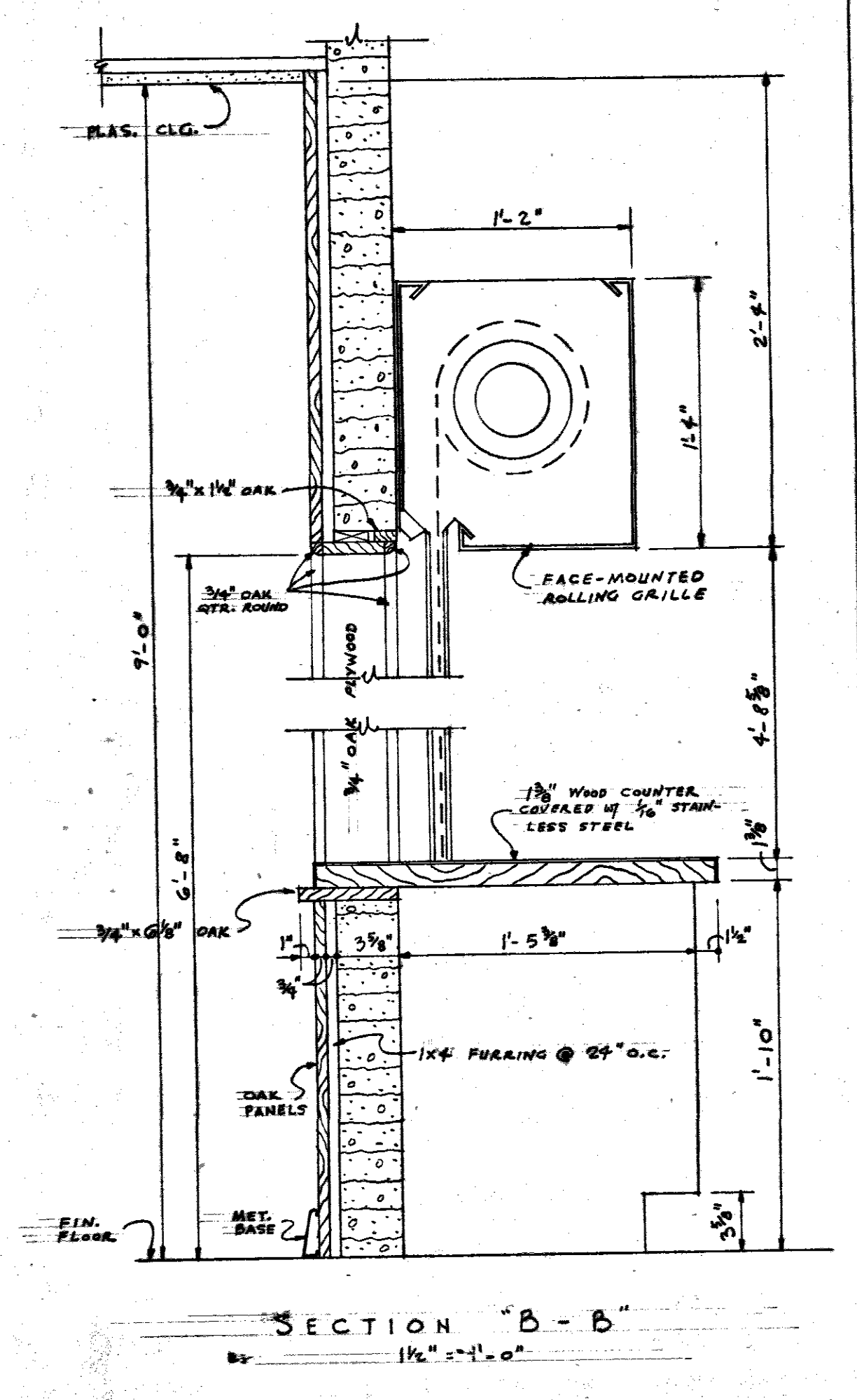
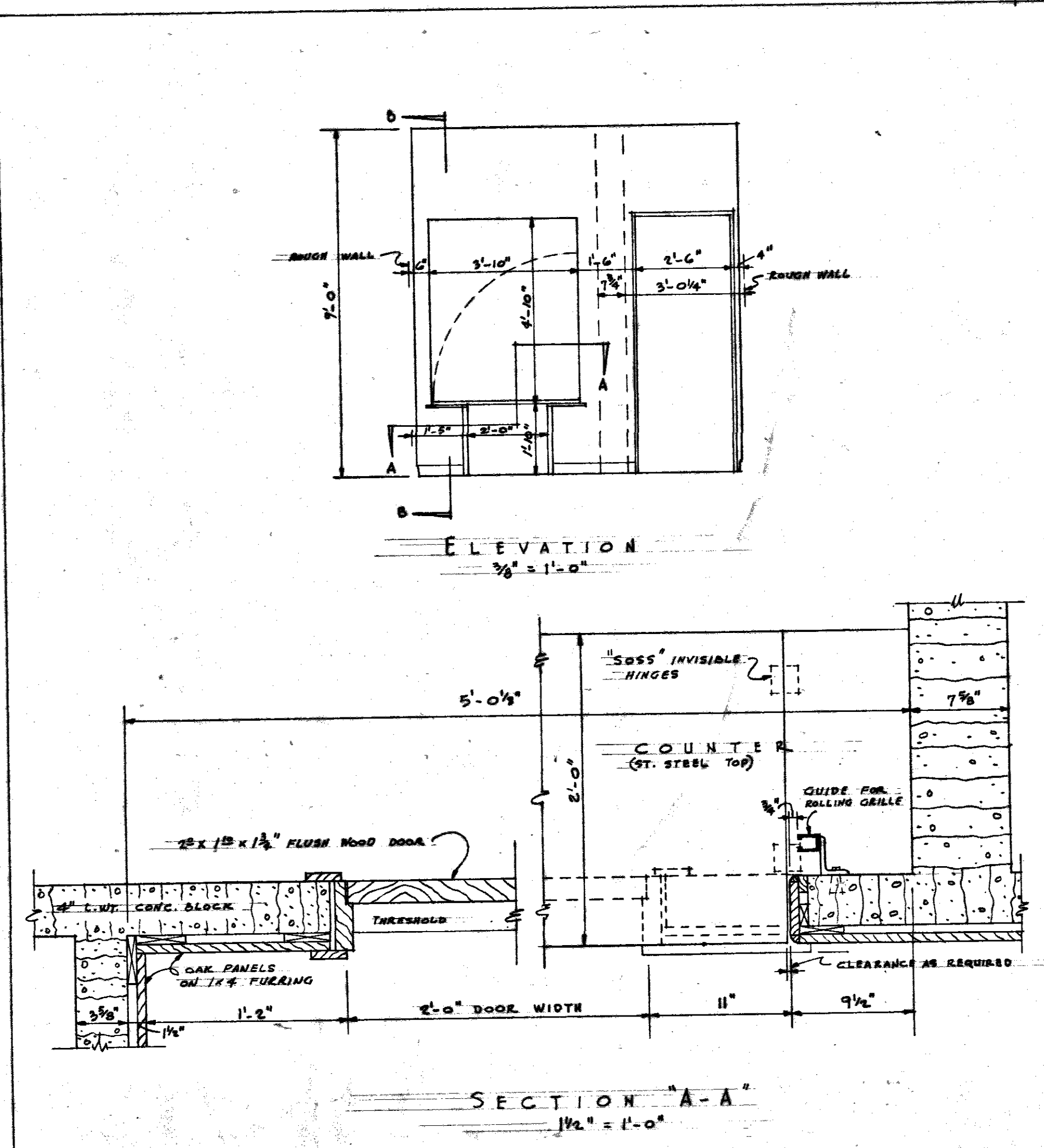
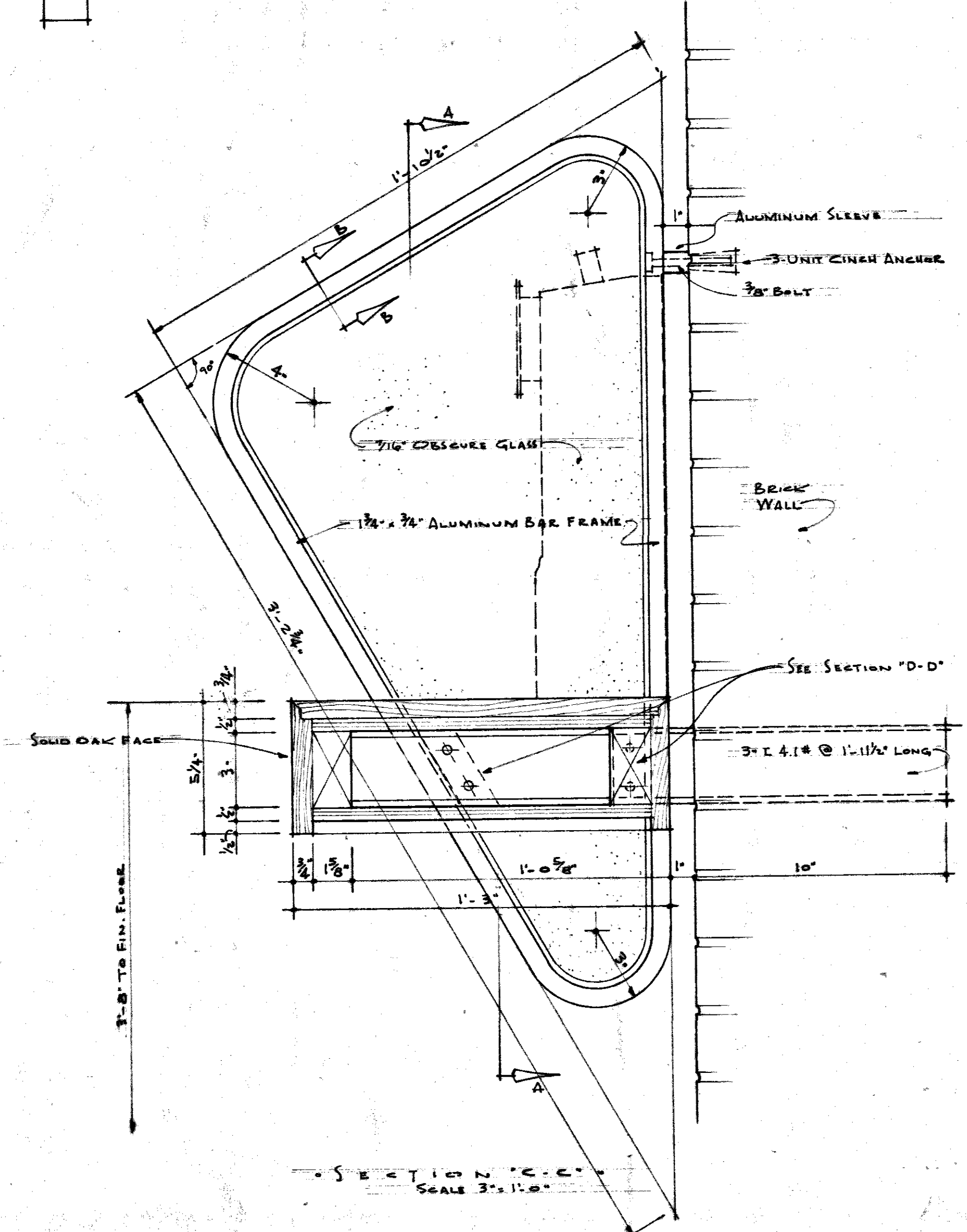


DETAILS - COUNTER IN FREIGHT OFFICE - SCALE NOTED

REVISED BY	DATE	DESCRIPTION	BY	THE A. T. & S. P. RY. CO.	SHEET 16
CHECKED BY				NEW PASSENGER STATION	TOPEKA, KANSAS
				LAWRENCE	KANSAS
				FREIGHT OFFICE MILLWORK	C.E.O.T.
					FILE
					22185

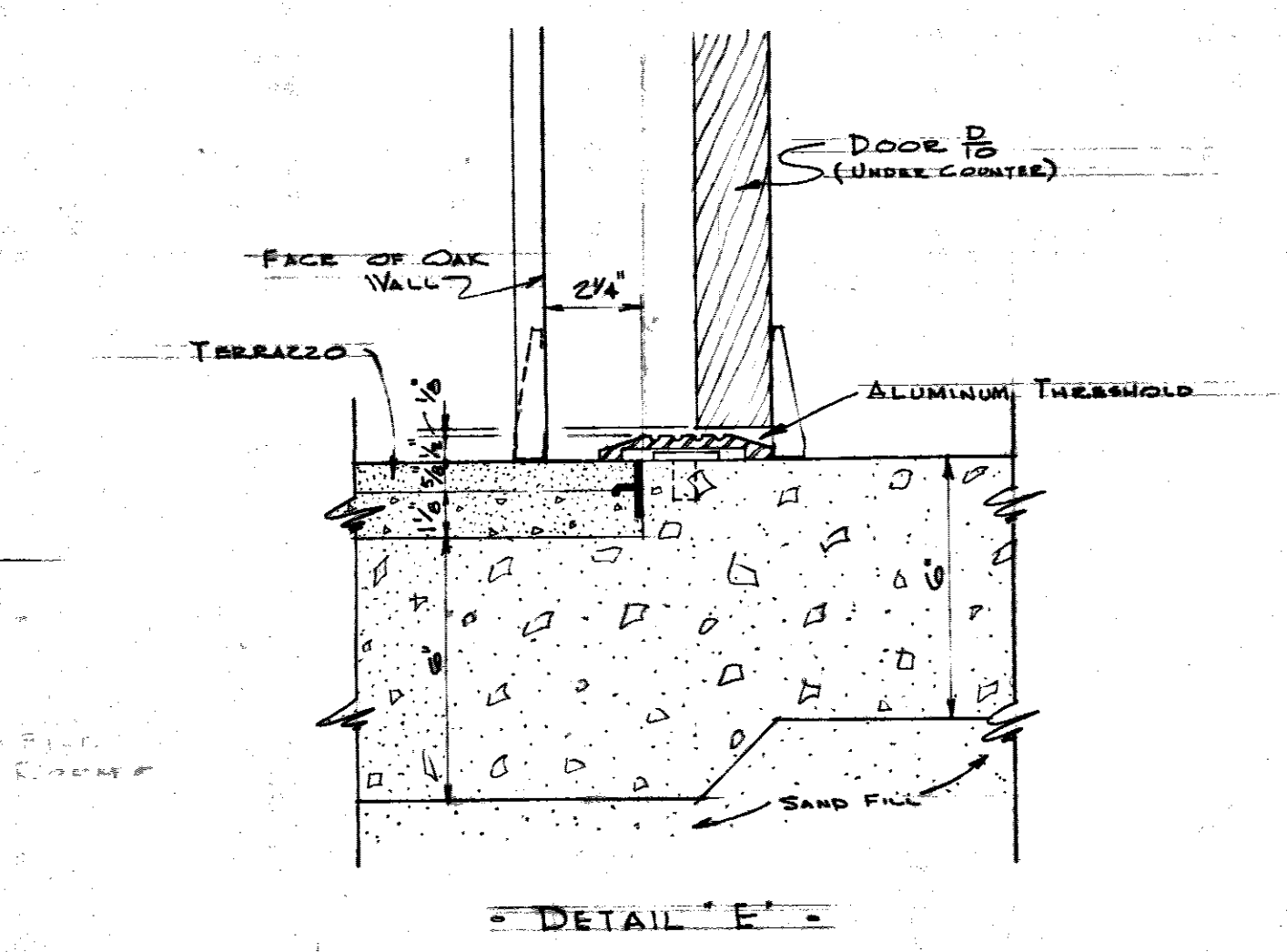
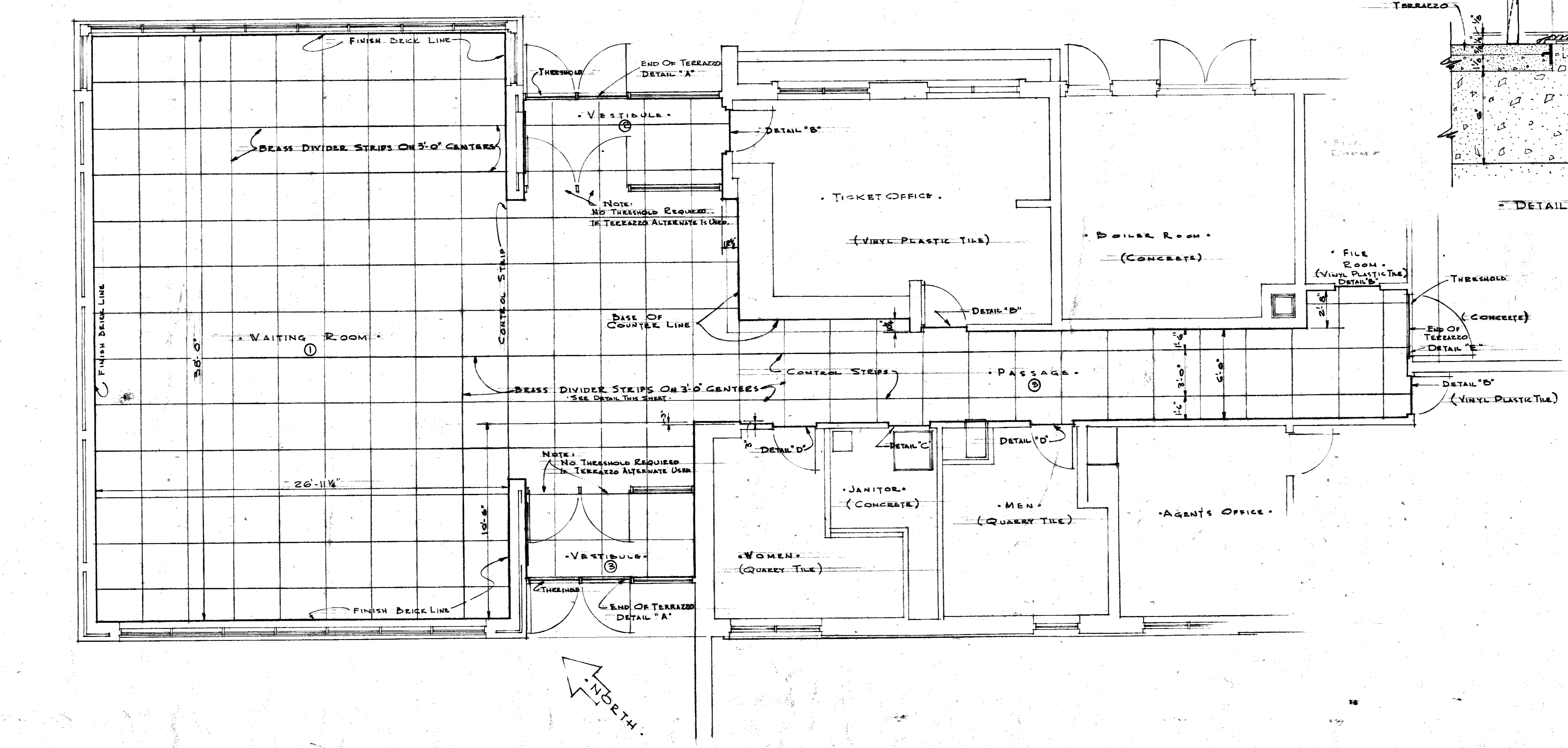
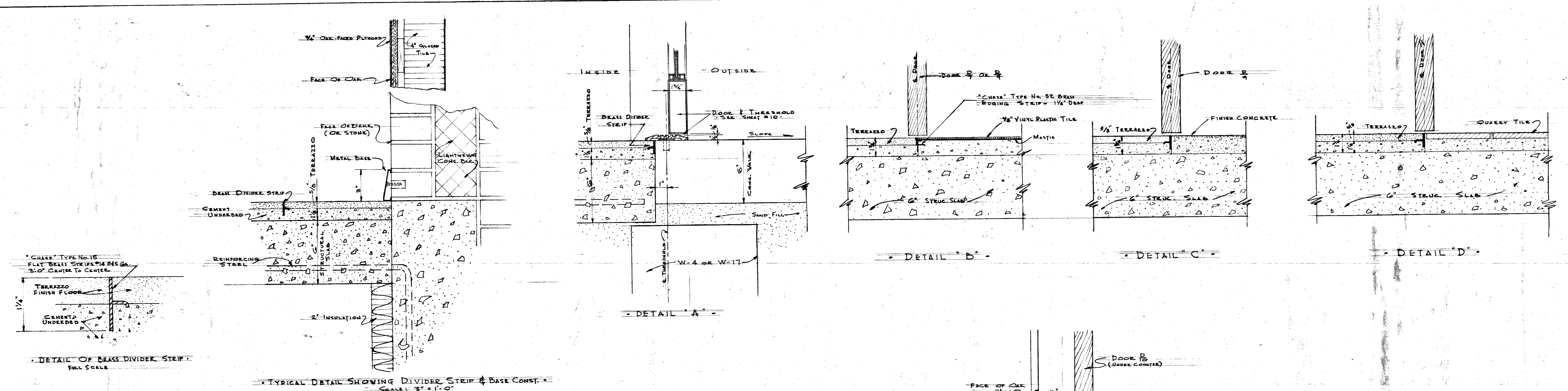


EXTERIOR SIGNS
(SEE SPECIFICATIONS)



BAGGAGE COUNTER DETAILS

REVISIONS	DATE	DESCRIPTION	THE A. T. & S. F. R. Y. Co.	SHEET 17
			NEW PASSENGER STATION	18
			LAWRENCE	19
				JANUARY 1955
				C. E. O. T.
				FILE
				22183

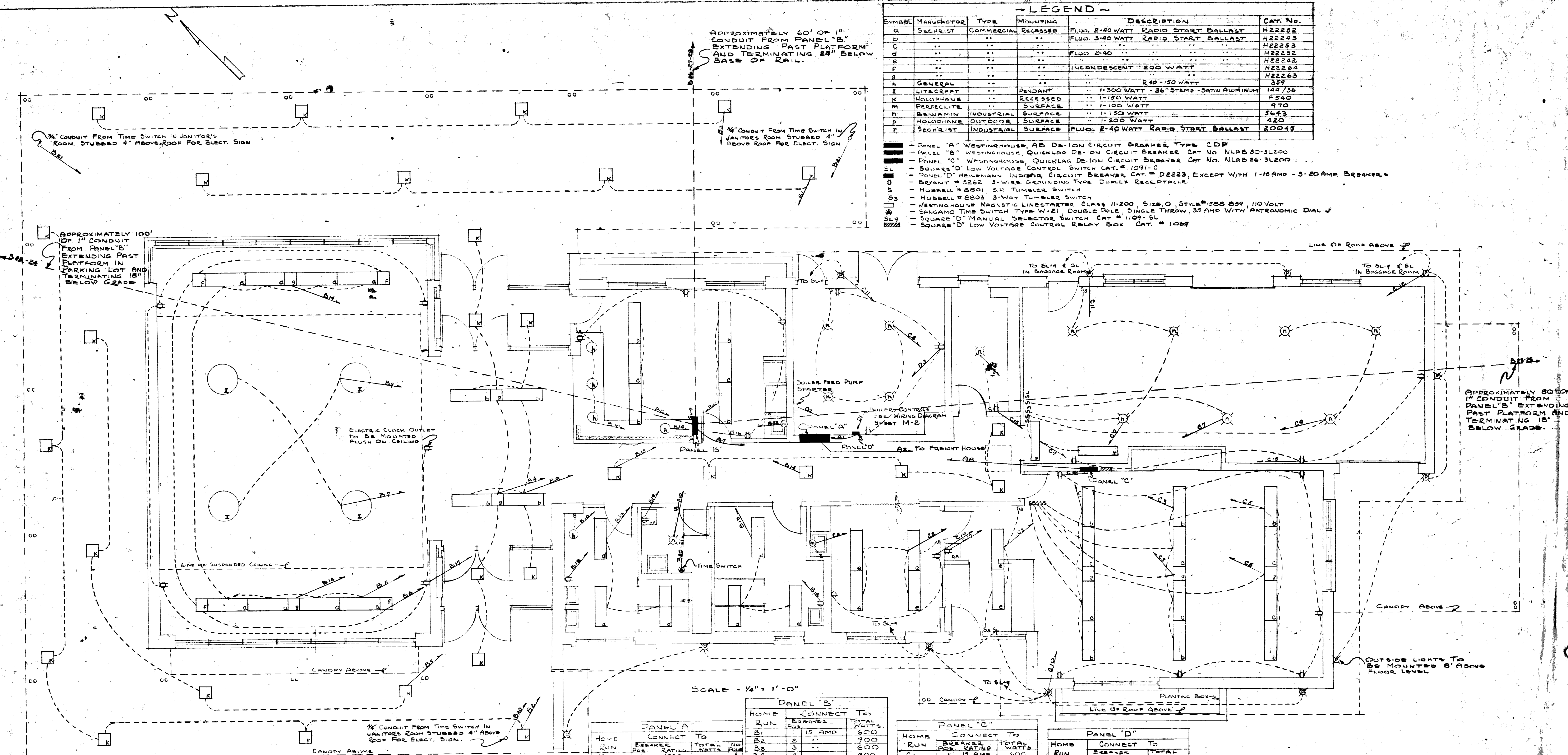


REVISIONS	DATE	DESCRIPTION	BY	DRAWN BY	THE A. T. & S. F. RY. CO.	SHEET
				C.J.P.		18
					NEW PASSENGER STATION	18
					LAWRENCE, KANSAS	FEBRUARY 10, 1938
					TERRAZZO PLAN & DETAILS	C.E.Q.T.
					APPROVED: <i>J. Blum</i>	FILE
					CHIEF ENGINEER	22109

- LEGEND -

SYMBOL	MANUFACTURER	TYPE	MOUNTING	DESCRIPTION	CAT. No.
A	SECHRIST	COMMERCIAL	RECESSED	FLUO. 2-40 WATT RADIO START BALLAST	H22252
B	"	"	"	FLUO. 3-40 WATT RADIO START BALLAST	H22253
C	"	"	"	"	H22253
D	"	"	"	FLUO. 2-40 " " " "	H22252
E	"	"	"	"	H22242
F	"	"	"	INCANDESCENT 200 WATT	H22264
G	"	"	"	"	H22263
H	GENERAL	"	"	" 240 - 150 WATT	359
I	GENERAL	"	PENDANT	" 1-300 WATT - 36" STEMS - SATIN ALUMINUM	149/36
J	LITECRAFT	"	"	" 1-150 WATT	F540
K	HOLOPHANE	"	RECESSED	" 1-150 WATT	970
L	PERFECTITE	"	SURFACE	" 1-100 WATT	5643
M	BENJAMIN INDUSTRIAL	"	SURFACE	" 1-150 WATT	420
N	HOLOPHANE	OUTDOOR	SURFACE	" 1-200 WATT	20045
O	SECHRIST	INDUSTRIAL	SURFACE	FLUO. 2-40 WATT RADIO START BALLAST	

- PANEL "A" WESTINGHOUSE AB DE-ION CIRCUIT BREAKER TYPE CDP
- PANEL "B" WESTINGHOUSE QUICKLAG DE-ION CIRCUIT BREAKER CAT. NO. NLAB 30-3L200
- PANEL "C" WESTINGHOUSE QUICKLAG DE-ION CIRCUIT BREAKER CAT. NO. NLAB 26-3L200
- SQUARE "D" LOW VOLTAGE CONTROL SWITCH CAT. # 1091-C
- PANEL "D" HENNINGMANN INDUSTR. CIRCUIT BREAKER CAT. # D2223, EXCEPT WITH 1-15 AMP - 3-20 AMP BREAKERS
- BRYANT # 5262 3-WIRE GROUNDING TYPE DUPLEX RECEPTACLE
- HUBBELL # 8801 3-P. TUMBLER SWITCH
- HUBBELL # 8893 3-WAY TUMBLER SWITCH
- WESTINGHOUSE MAGNETIC LINESTARTER CLASS II-200 SIZE C, STYLE # 1588 859, 110 VOLT
- SANGAMO TIME SWITCH TYPE W-21, DOUBLE POLE, SINGLE THROW, 35 AMP WITH ASTRONOMIC DIAL
- SQUARE "D" MANUAL SELECTOR SWITCH CAT. # 1109-SL
- SQUARE "D" LOW VOLTAGE CONTROL RELAY BOX CAT. # 1069



PANEL "A"

HOME RUN BREAKER POS.	CONNECT TO	TOTAL WATTS	NO. BREAKERS
A1	1 40	2000	2
A2	2 100	5000	2
A3	3 SPACE		3
A4	4 SPACE		3
A5	5 40 AMP 10 HP		3
A6	6 40 AMP 10 HP		3
A7	7 200 AMP	26,550	2
A8	8 200 AMP	13,540	2

PANEL "B"

HOME RUN BREAKER POS.	CONNECT TO	TOTAL WATTS
B1	1 15 AMP	600
B2	2	900
B3	3	600
B4	4	900
B5	5	600
B6	6	8300
B7	7	600
B8	8	900
B9	9	600
B10	10	600
B11	11	8240
B12	12	700
B13	13	600
B14	14	720
B15	15	600
B16	16 20 AMP	720
B17	17	720
B18	18	360
B19	19	500
B20	20	2000

PANEL "C"

HOME RUN BREAKER POS.	CONNECT TO	TOTAL WATTS
C1	1	600
C2	2	700
C3	3	800
C4	4	750
C5	5	1000
C6	6	
C7	7	800
C8	8	
C9	9	450
C10	10	1000
C11	11	800
C12	12	800
C13	13 20 AMP	1080
C14	14	900
C15	15	720
C16	16	360
C17	17	300

PANEL "D"

HOME RUN BREAKER POS.	CONNECT TO	TOTAL WATTS
D1	1 15 AMP	500 WATT
D2	2 20 AMP	1/2 HP
D3	3	540 WATT
D4	4	SPACE

Pos. 29 - 30 TO BE 20 AMP SPARES
Pos. 22-24, 25-28 TO HAVE HANDLE TIES

B23	23	1200
B24	24	800
B25	25	1200

C20	20	900
-----	----	-----

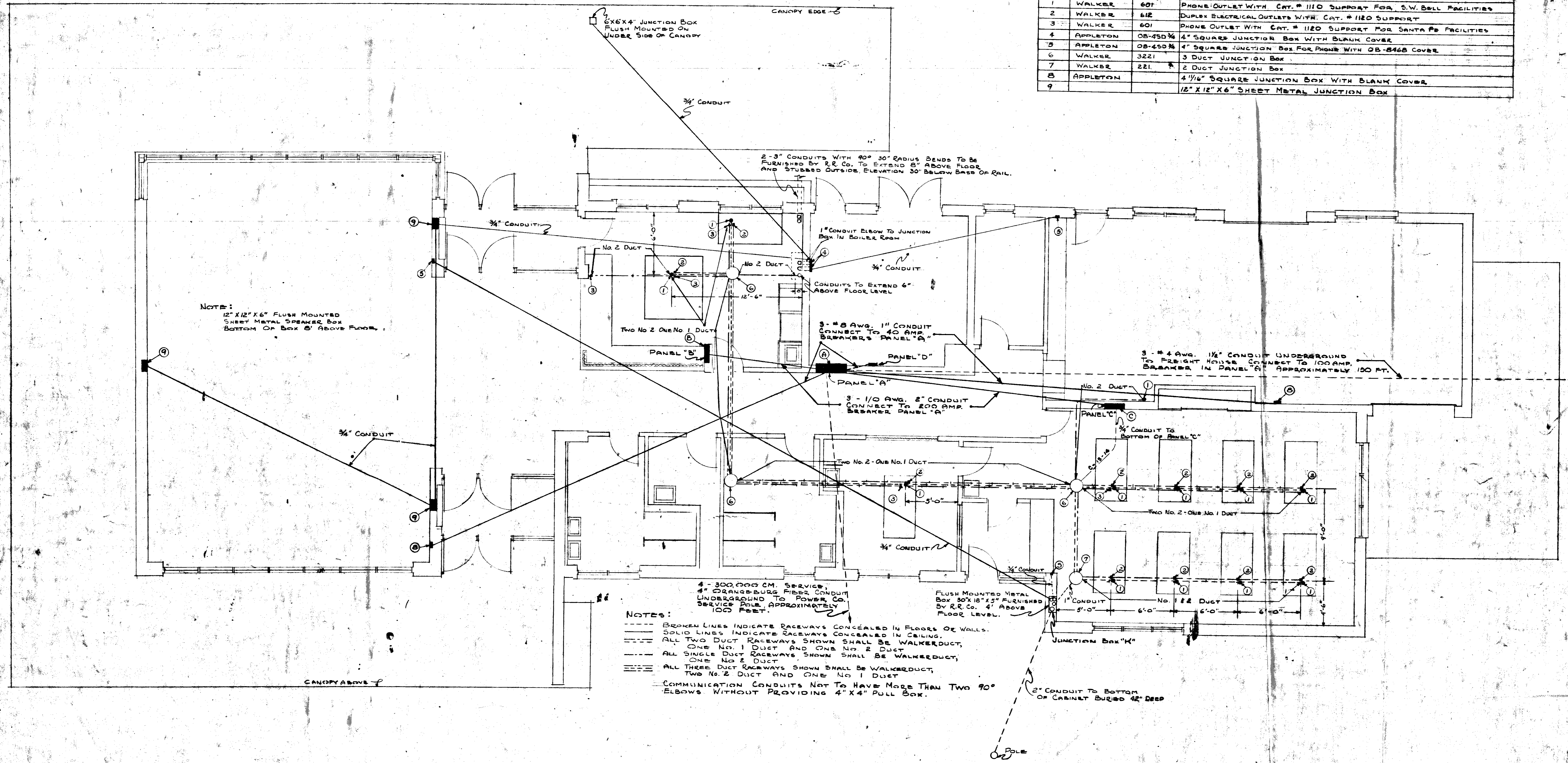
Pos. 21 THRU 26 TO BE 20 AMP SPARES

C.E.O.T. FILE 2218
- A - T - S - O - F - R - E -
LAWRENCE KANSAS
ELECTRICAL INSTALLATION FOR
NEW COMBINATION DEPOT

2218

2218

-LEGEND-			
SYMBOL	MANUFACTURER	CAT. No.	DESCRIPTION
A, C, D			SEE SHEET No. 1
1	WALKER	601	PHONE OUTLET WITH CAT. # 1110 SUPPORT FOR S.W. BELL FACILITIES
2	WALKER	612	DUPLEX ELECTRICAL OUTLETS WITH CAT. # 1120 SUPPORT
3	WALKER	601	PHONE OUTLET WITH CAT. # 1120 SUPPORT FOR SANTA FE FACILITIES
4	APPLETON	OB-450 1/2	4" SQUARE JUNCTION BOX WITH BLANK COVER
5	APPLETON	OB-450 3/4	4" SQUARE JUNCTION BOX FOR PHONE WITH OB-846B COVER
6	WALKER	321	3" DUCT JUNCTION BOX
7	WALKER	221	2" DUCT JUNCTION BOX
8	APPLETON		4 1/16" SQUARE JUNCTION BOX WITH BLANK COVER
9			12" X 12" X 6" SHEET METAL JUNCTION BOX



NOTE:
12" X 12" X 6" FLUSH MOUNTED SHEET METAL SPEAKER BOX BOTTOM OF BOX 8" ABOVE FLOOR.

NOTES:
 - - - - - BROKEN LINES INDICATE RACEWAYS CONCEALED IN FLOORS OR WALLS.
 - - - - - SOLID LINES INDICATE RACEWAYS CONCEALED IN CEILING.
 - - - - - ALL TWO DUCT RACEWAYS SHOWN SHALL BE WALKER DUCT, ONE NO. 1 DUCT AND ONE NO. 2 DUCT.
 - - - - - ALL SINGLE DUCT RACEWAYS SHOWN SHALL BE WALKER DUCT, ONE NO. 2 DUCT.
 - - - - - ALL THREE DUCT RACEWAYS SHOWN SHALL BE WALKER DUCT, TWO NO. 2 DUCT AND ONE NO. 1 DUCT.
 - - - - - COMMUNICATION CONDUITS NOT TO HAVE MORE THAN TWO 90° ELBOWS WITHOUT PROVIDING 4" X 4" PULL BOX.

DISTRIBUTION CONDUITS - COMMUNICATION CONDUITS

SCALE 1/4" = 1' 0"

C.E.O.T. FILE 22183

-A-T-E-S-F-R-

LAWRENCE KANSAS

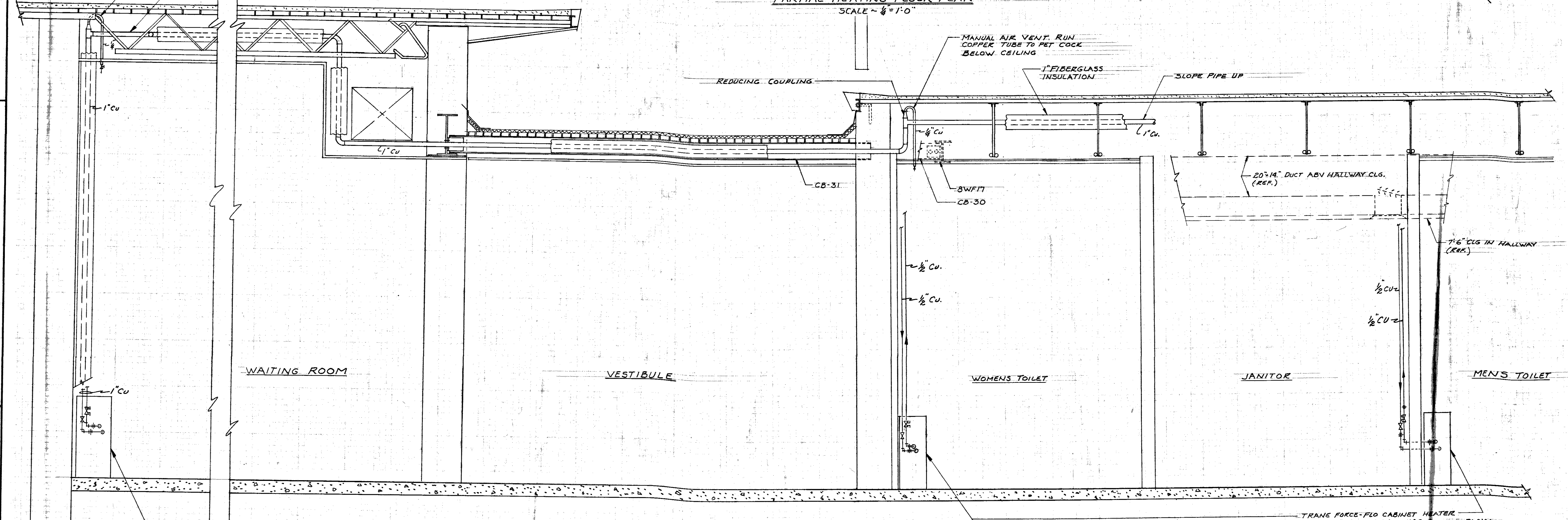
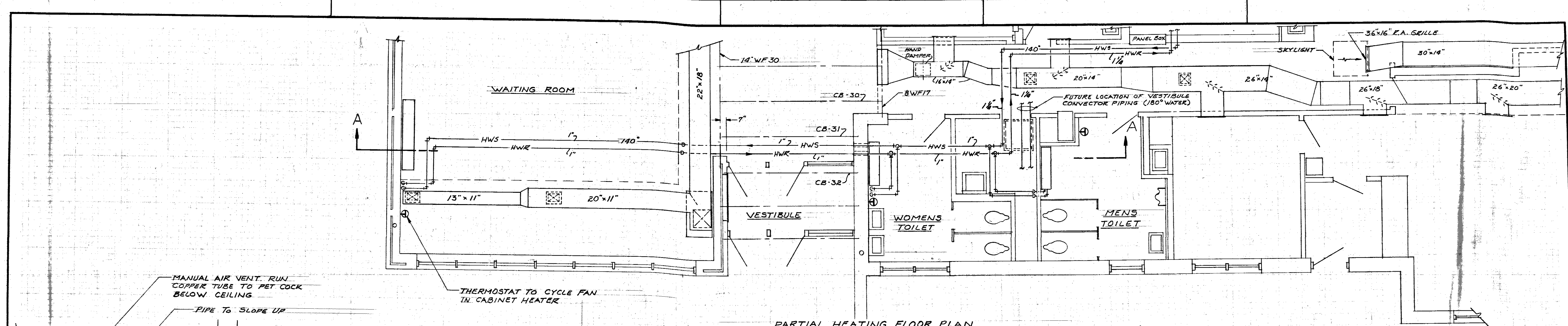
ELECTRICAL INSTALLATION FOR NEW COMBINATION DEPT.

OFFICE ENGINEER SHOP EXTENSIONS E-85

TOPKA, KANSAS FEBRUARY 1953 SHEET 21 OF 2

88188

88188



TRANE FORCE-FLO CABINET HEATER
MODEL B12A02E WITH HOB CONTROL PACKAGE
5100 BTUH @ 140° WATER
8.5 GPM WITH 20° DROP
6.57 FT. PRESSURE DROP
1000 CFM

TRANE FORCE-FLO CABINET HEATER
MODEL B12A02E WITH HOB CONTROL PACKAGE
14700 BTUH @ 140° WATER
237 GPM WITH 20° DROP
2.5 FT. PRESSURE DROP
200 CFM
2 REQD

REVISIONS			SEAL	DRAWN BY	THE A. T. & S. F. RY. CO. EASTERN LINES, TOPEKA, KANSAS		SHEET NO.
DATE	DESCRIPTION	BY		JEA	WAITING ROOM HEATING REARRANGMENT		M-1A
					LAWRENCE DEPOT		OF 1
					LAWRENCE KANSAS		SEPT 1982
					ARCHITECT (Signed) D.E. Voth		TOPEKA, KAN.
					ASST. ENR. MGR.-ENGINEERING		E.O.T.
					13133-C. L. HOLMAN		DRAWING NO.
							22183

88188

EQUIPMENT KEY

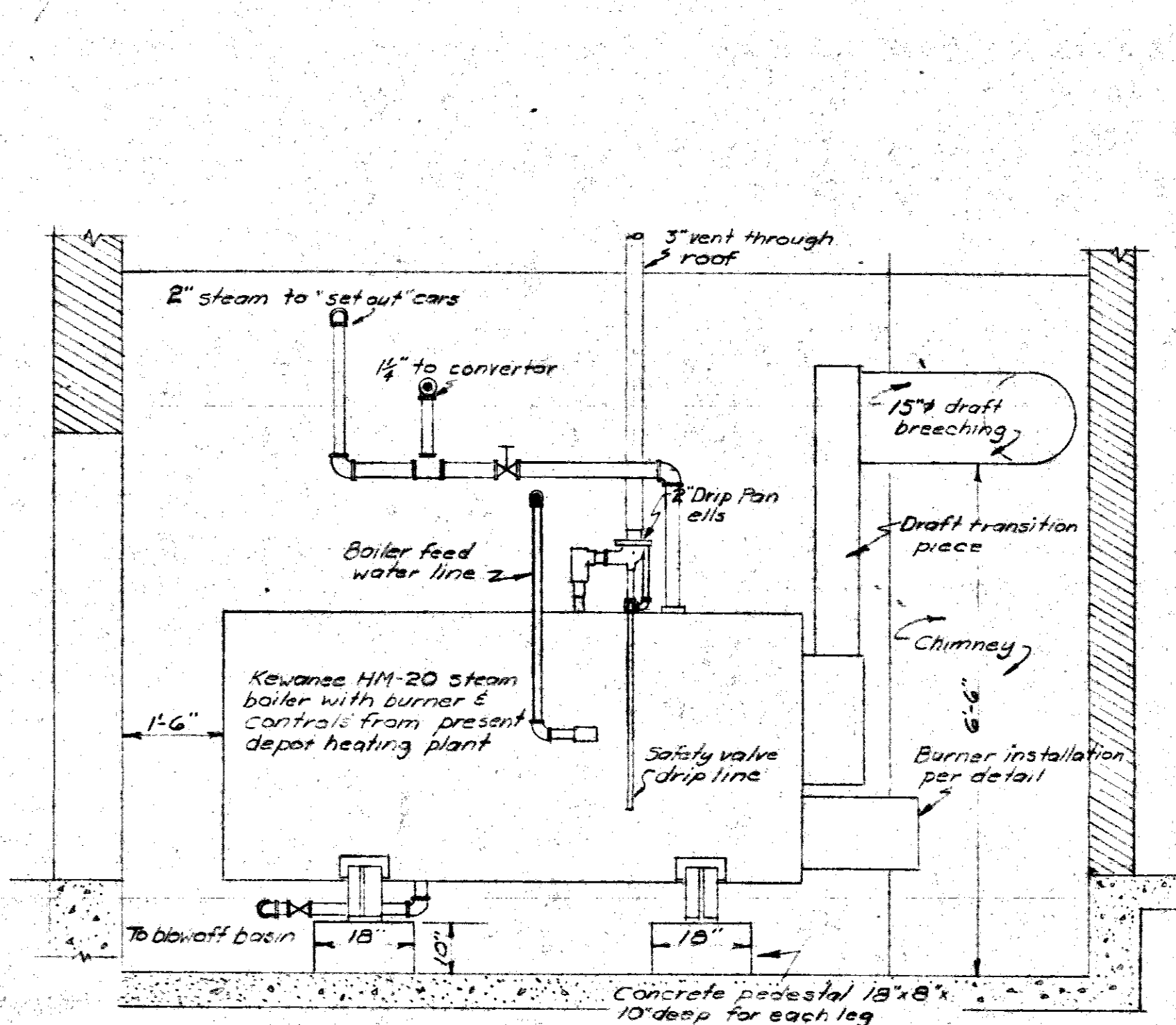
- 1 Kewanee HM-20 steam boiler from present depot
- 2 Webster N°33 Kinetic gas burner from present depot
- 3 Minneapolis-Honeywell diaphragm gas valve from present depot
- 4 Minneapolis gas pressure regulator from present depot
- 5 Mercoid DA-31 pressure control from present depot
- 6 McDaniel-Miller N°150
- 7 Latic L-3 pressure reducing valve from present depot
- 8 Armstrong trap N°800 with 3/4" orifice from present depot
- 9 Self-Gosssett compressor tank N°40
- 10 Air tank fitting ATF N°12
- 11 Simplex relief valve
- 12 Type 3U converter, N°UG4-2
- 13 Air tank fitting 2" ABF
- 14 2" booster pump, 30 gpm @ 14" TDH, 2 required
- 15 1/2" 3 gpm @ 8" TDH
- 16 Sarcotherm type ST-1 modulating outdoor control set for 140°F water at -10°F OA temp. & 90°F water at 65°F OA temp.
- 17 Powers N°11 indicating regulator with logic seated valve and style D remote bulb 100 psi steam, 120°F water temp.
- 18 Fairbanks-Morse Fig. 6871 boiler feed set-simplex N°E-4R10-1/2
- 19 Bell & Gossett N°500 self filling valve
- 20 General Controls hydramotor valve N°22R3272 (4 required)
- 21 Steam pressure gage O-25 psi, 3/8" dia.
- 22 Dial thermometer, 50°F-150°F, 3/8" dia.
- 23 Dial thermometer, 50°F-150°F, 1/2"
- 24 Field type "M-S" barometric draft damper.

PIPING LEGEND

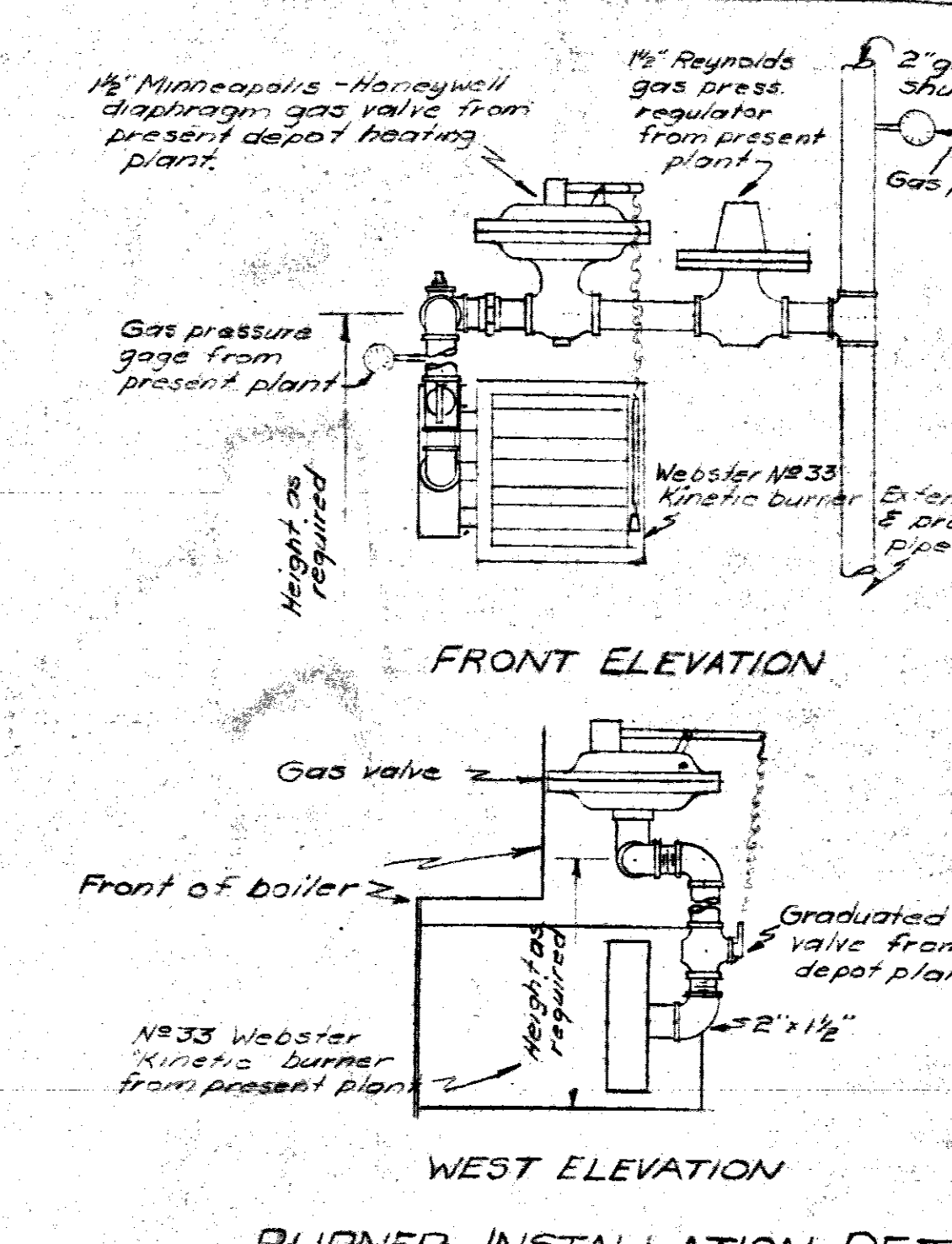
Gate valve	⊗
Globe valve	⊕
Cold water	—
Panel water	—
Converter water	—
Steam	—
Gas	—
Vent	—
Check valve	⊗
Balancing cock	⊕

CIRCUIT SETTER

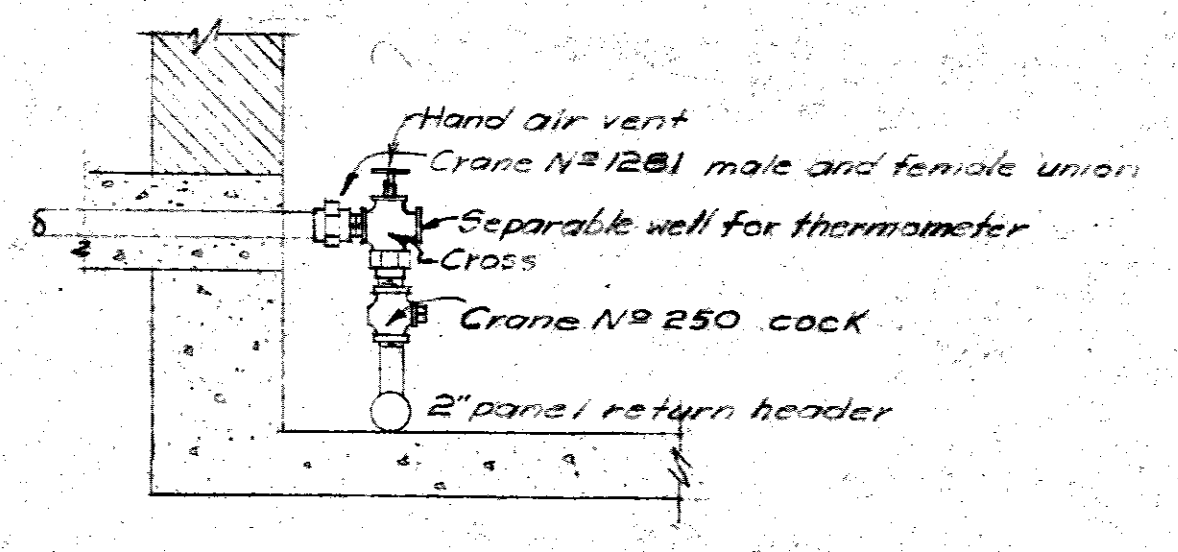
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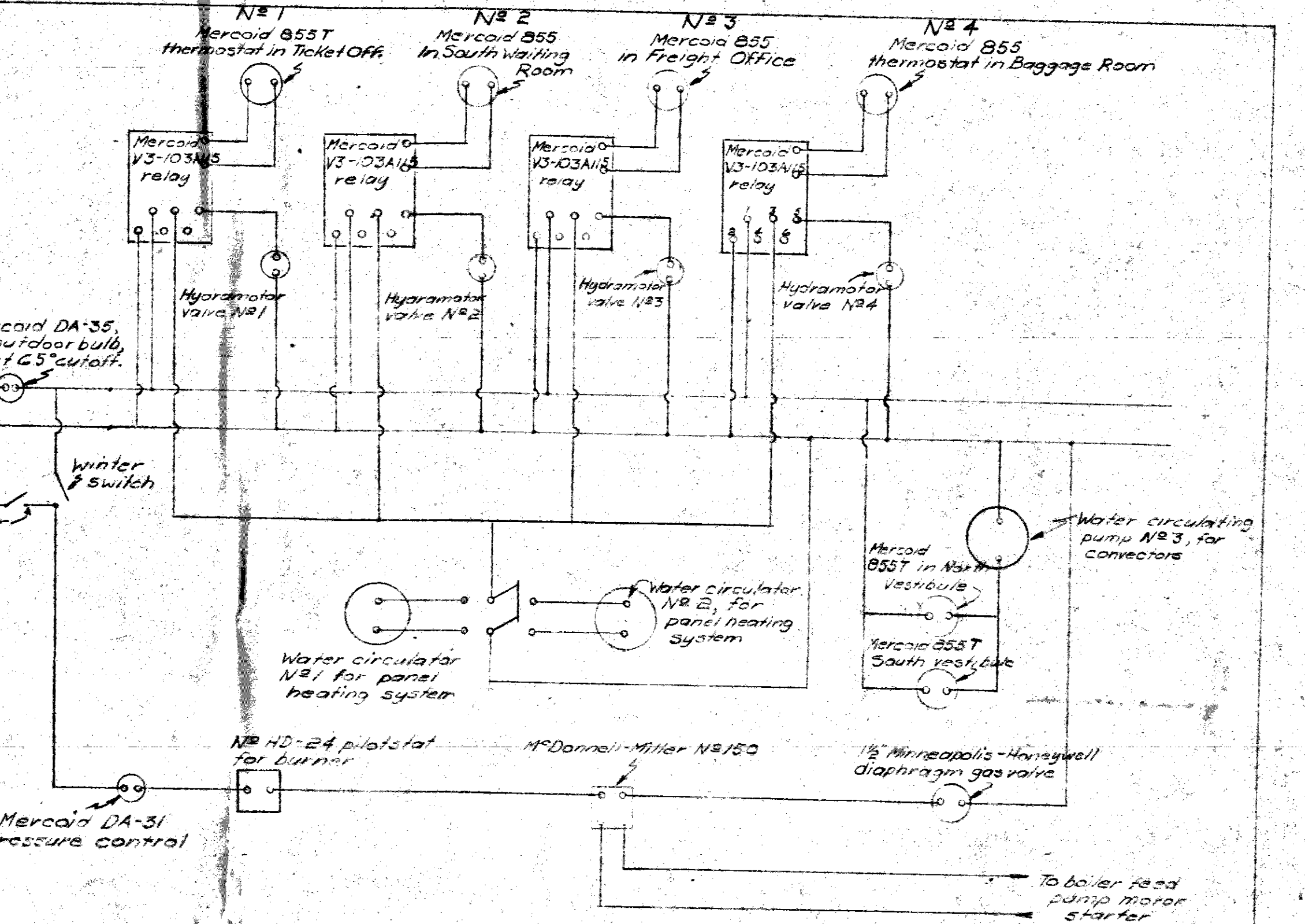
WEST ELEVATION OF BOILER
Scale: 1/2"=1'-0"



FRONT ELEVATION
WEST ELEVATION
BURNER INSTALLATION DETAIL
Scale: 1"=1'-0"

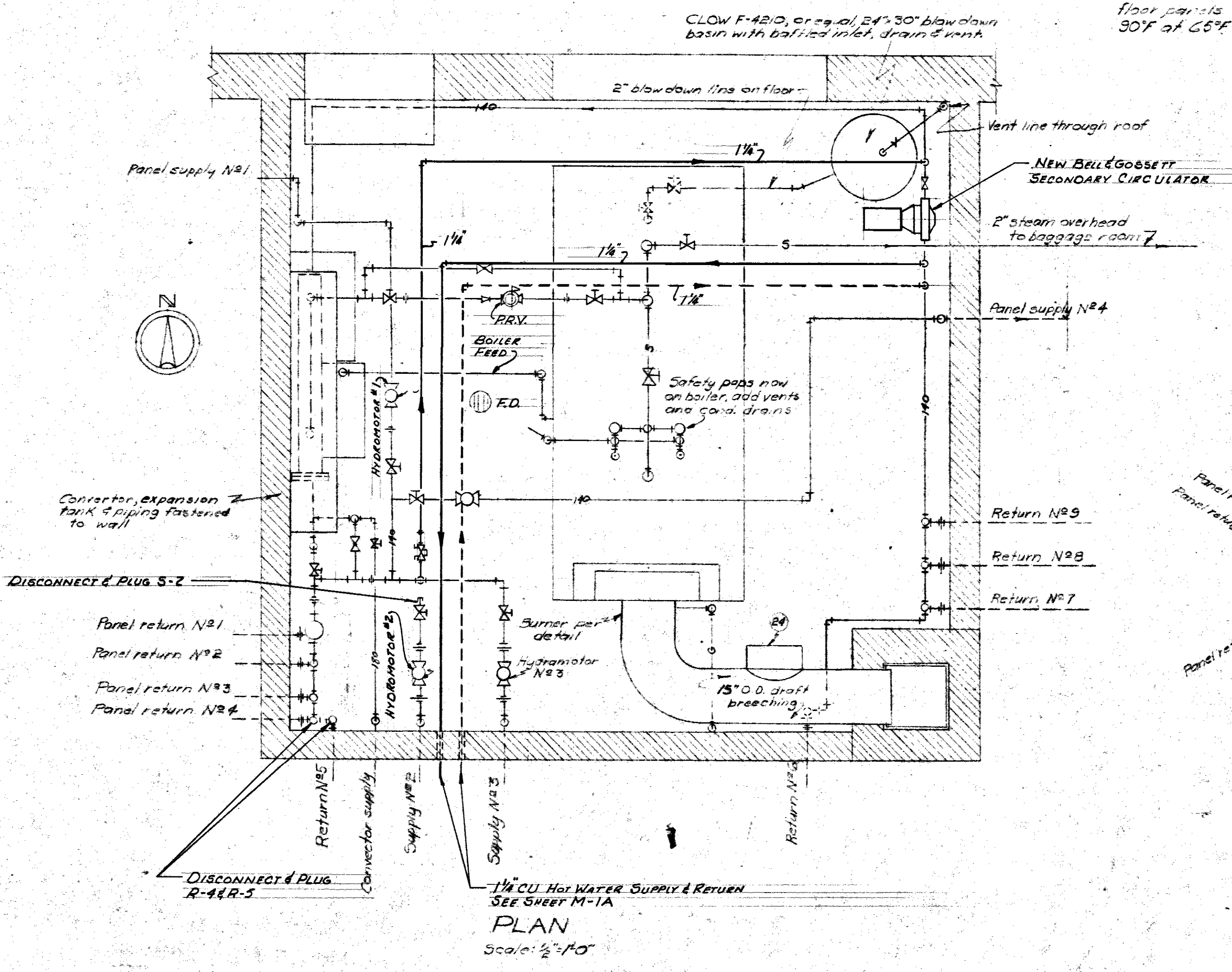


PANEL RETURN DETAIL
Scale: 1"=1'-0"

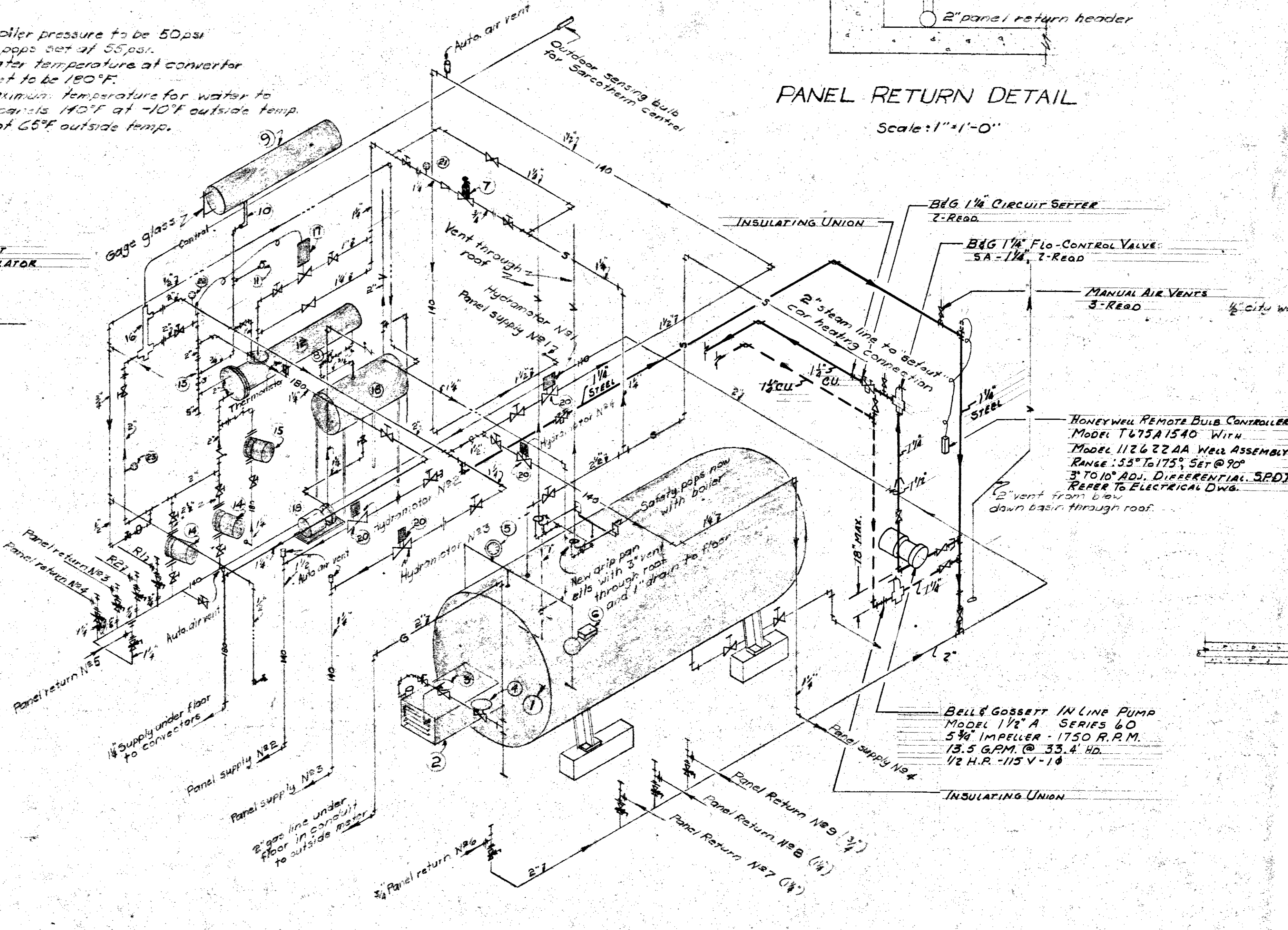


SCHEMATIC WIRING DIAGRAM
No Scale

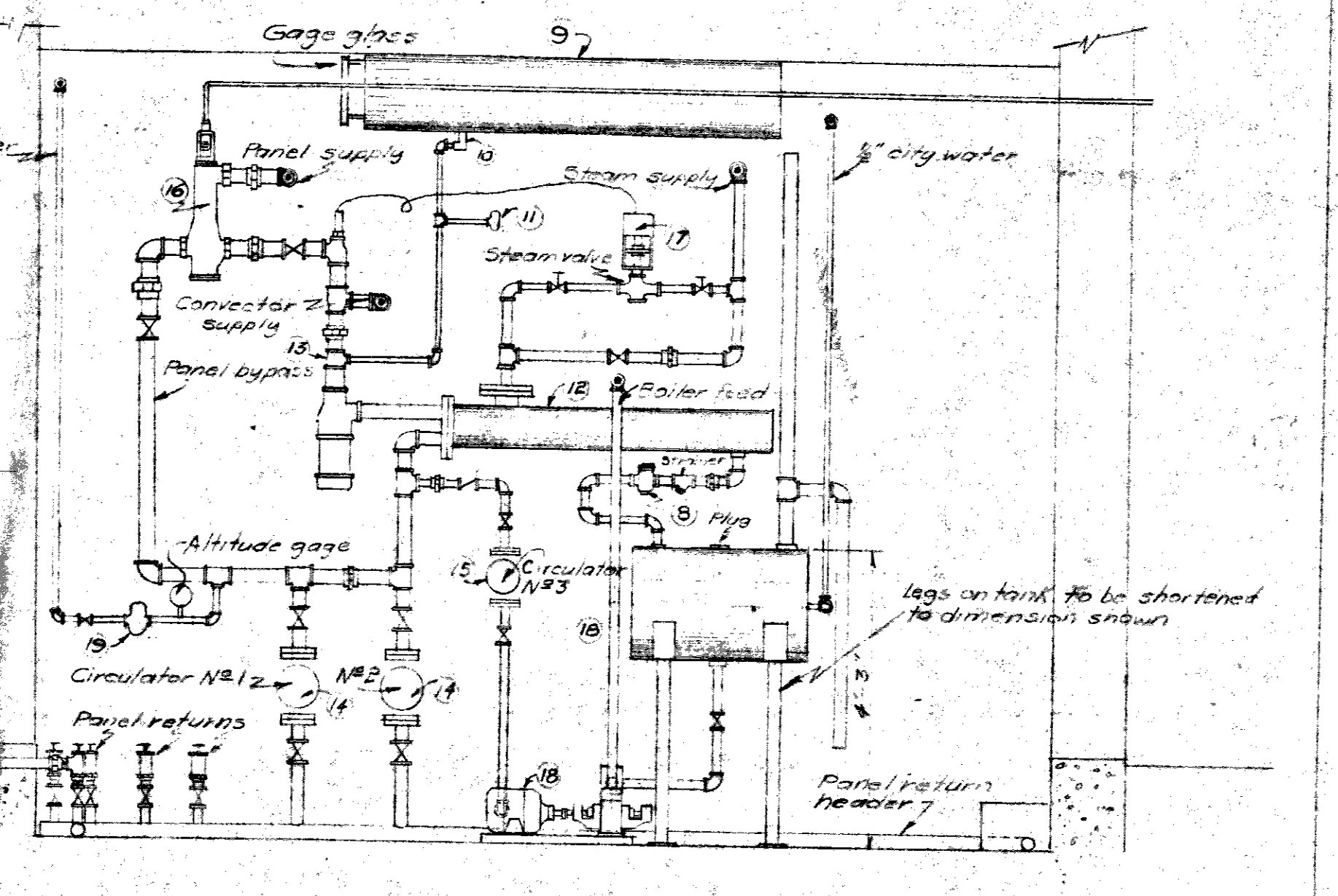
NOTE: Boiler pressure to be 50psi with caps set at 55psi. Water temperature at converter outlet to be 180°F. Maximum temperature for water to floor panels 140°F at -10°F outside temp. 50°F at 65°F outside temp.



PLAN
Scale: 1/2"=1'-0"



SCHEMATIC PIPING DIAGRAM
No Scale

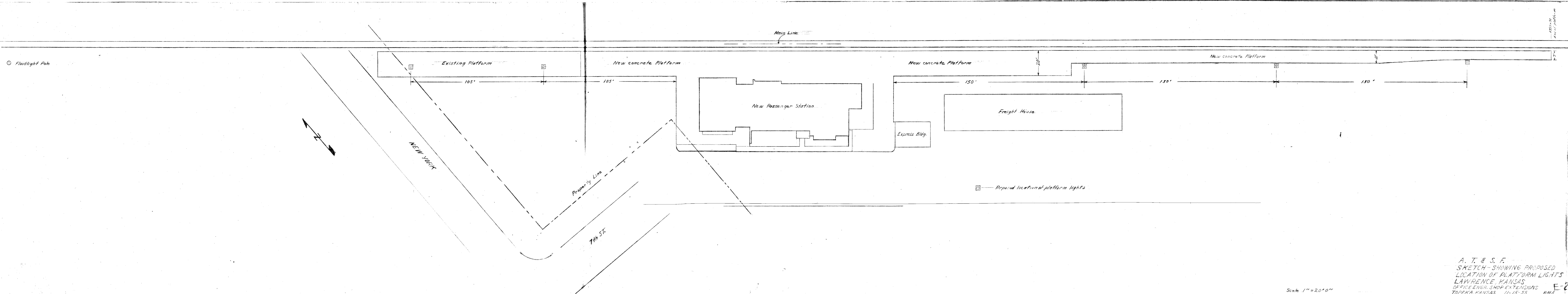


ELEVATION OF WEST WALL OF BOILER ROOM
Scale: 1/2"=1'-0"

REVISIONS	DRAWN BY	T. A. T. & S. F. RY CO.	SHEET N°2
Date Description	BY		N° SHEET 3
10/18/20 APPROVED	TRACED BY	NEW PASSENGER STATION	TOPEKA, KANSAS
Drawn to Scale	CHECKED BY	LAWRENCE,	
	APPROVED:	BOILER ROOM	CEOT
			FILE
		CHIEF ENGINEER	22183



CEOT FILE
22183



Scale 1" = 20' 0"

A. T. & S. F.
 SKETCH - SHOWING PROPOSED
 LOCATION OF PLATFORM LIGHTS
 LAWRENCE, KANSAS
 OFFICE ENGR. SHOP EXTENSIONS
 TOPEKA, KANSAS 11-15-55 RMA

E-236

BOOK