

PAGE FIVE

HAIRS AND FIBERS SECTION AND FIREARMS IDENTIFICATION UNIT OF THE FBI LABORATORY AND THE LATENT FINGERPRINT SECTION OF THE FBI IDENTIFICATION DIVISION. THE STATE THEN RESTED ITS CASE AND THE DEFENSE DID NOT OFFER ANY ^{EVIDENCE} PROOF.

JUDGE BATTLE THEN REQUESTED THAT EACH MEMBER OF THE JURY RAISE HIS RIGHT HAND IF HE WAS AGREEABLE TO THE SENTENCE OF NINETYNINE YEARS. ALL JURORS RAISED THEIR RIGHT HAND. JUDGE BATTLE THEN REQUESTED THAT RAY STAND UP AND THEN JUDGE BATTLE SENTENCED RAY TO SERVE A TERM OF NINETYNINE YEARS IN THE STATE PRISON AT NASHVILLE, TENNESSEE.

THROUGHOUT THE TESTIMONY OF THE FIVE WITNESSES PRESENTED BY THE PROSECUTION, AS WELL AS THE EVIDENCE BEING DISCUSSED BY BEASLEY, THE WITNESSES AND BEASLEY UTILIZED THE ^CMOCK UPS PREPARED BY THE EXHIBITS SECTION OF THE ADMINISTRATIVE DIVISION OF THE FBI. THE JURORS, NEWS MEDIA, MEMBERS OF THE COURT AND PUBLIC WERE ATTRACTED TO THE MOCK UPS AND MADE VERY FAVORABLE COMMENTS CONCERNING SAME UPON COMPLETION OF THE HEARING. THE HEARING ENDED AT TWELVE TWENTY P. M., THIS DATE. END.

PGH

FBI WASH DC

CC-MR. ROSEN

MURKIN

4/5/68 - 4/30/68

<u>Employee</u>	<u>Grade</u>	<u>Time Spent</u>	<u>Per Hour</u>	<u>Total</u>
Mann, Kenneth A.	GS-12	3 hrs.	\$6.98	\$ 20.94
Arey, Eugene Paul	GS-11	13 hrs.	5.73	74.49
Mumford, George C., Jr.	GS-11	96 hrs.	5.73	550.08
Heafner, Horace J.	GS-11	72 hrs.	5.57	401.04
			TOTAL	\$1,046.55

Report sent to Shankard 5/16/68
at his request. *JK*

MURKIN 10/28
A/C's + discrepancies

APR 1968

APR 1968

002A

MURKIN

Keen
[Signature]

DIRECTOR, FBI 5/2/68
Attention: Exhibits Section
Administrative Division
SAC, MEMPHIS (44-1987) (P)

MURKIN
CR

CO: ME

Re Bureau routing slip dated 4/30/68 in which certain items were requested to be forwarded to the Exhibits Section, Administrative Division, to the attention of Exhibits Specialist GEORGE C. MUMFORD, JR.

Enclosed herewith is a one-page copy of the results of an engineering survey made by the Memphis PD of the distance from the rooming house window to point where Dr. KING was shot. Also contained in this survey is information regarding the downward angle from the second floor rear bathroom windowsill of 422 1/2 South Main Street to a point 59" above the balcony of the Lorraine Motel.

Being forwarded under separate cover are two copies of an aerial photo of the crime scene, size 40" by 40". Photos of the crime scene taken by the Memphis PD will be forwarded immediately when they are made available.

See attached Xerox

- 2-Bureau (Enc. 1)
- 1-Package (RM)
- 2-Memphis

HDT:PEH
(5)

Photo of survey distance slot

PHOTO OF COPY OF ELEVATION DRAWING ATTACHED

Drawing completed

copy in vault

1773

4/30/68

Lieutenant A. S. ZELINSKI, Inspectional Bureau, Memphis Police Department, Memphis, Tennessee, advised that he and Lieutenant J. L. HARRISON met Memphis City Engineer ARTHUR C. HOLBROOK, P. E., Tennessee License No. 5173, and a surveying crew at the Lorraine Motel on April 23, 1968, at 8:30 a.m. Certain engineering measurements were subsequently taken.

Lieutenant ZELINSKI advised that an engineer's transit was placed over the spot where Dr. MARTIN LUTHER KING, JR., was shot, the telescope being positioned 59 inches above the balcony floor. This height was based on information contained in the autopsy report of Dr. MARTIN LUTHER KING, JR., which indicated that the missile entered his body at a point 59 inches above the right heel with the head positioned to correspond with the path of the missile. He stated that the point where Dr. KING was standing when shot was indicated to them by Reverend JAMES BEVEL, a representative of the Southern Christian Leadership Conference, who was staying at the Lorraine Motel.

From this position, two triangles were established with a baseline common to the two triangles established and measured. Every effort was made to ensure accuracy. It was determined that the level distance from the second floor rear bathroom window sill of 422½ South Main Street to the point where Dr. KING was standing on the balcony of the Lorraine Motel was 206.36 feet and the in-line distance from the window sill to the point where Dr. KING was standing was 207.02 feet. The window sill at the rear of 422½ South Main was determined to be 16.63 feet higher than a point 59 inches above the floor of the balcony of the Lorraine Motel at the location Dr. KING was standing when he was shot. The downward angle of the direct in-line distance from the second floor window sill at the rear of 422½ South Main to a point 59 inches above the balcony of the Lorraine Motel at the point where Dr. KING was standing was determined to be 4 degrees 36 minutes 25 seconds.

ENCLOSURE

LEVEL OF
WINDOW SILL
AT REAR OF
422½ SOUTH
MAIN ST.

16.63

APPROXIMATE PATH OF BULLET

207.02'

4° 36' 25"

LEVEL LINE

206.36'

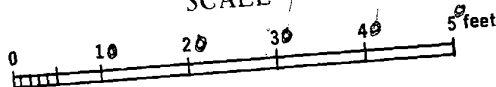
BULLET
STRUCK
MARTIN LUTHER
KING AT THIS
POINT
(59" above
balcony floor)

LORRAINE
MOTEL

59"

LEVEL OF
BALCONY FLOOR

SCALE



12-9-68

AIRTEL

AM

TO: DIRECTOR, FBI (44-38861)
ATTN: EXHIBITS SECTION

FROM: SAC, MEMPHIS (44-1987) P

MURKIN

Being forwarded to the Bureau under separate cover, directly to the Exhibits Section, Room 331, Old Post Office Building, Washington, D. C., are the following:

(1) Two copies of a street light distribution drawing prepared by Memphis Light, Gas & Water Division.

(2) Two copies of a scale drawing of the area around the Lorraine Motel, these drawings having been prepared by ARTHUR C. HOLBROOK.

(3) One copy of a Westinghouse Descriptive Bulletin #60-155, describing roadway lighting used in the area and a one-page legend of abbreviations.

The items enclosed may be useful to the Exhibits Section in preparing the exhibit to be utilized in connection with the trial of JAMES EARL RAY scheduled to convene on 3-3-69.

4 Bureau (AM)

(1 - Package - RM) (Enc. 6)

1 Memphis

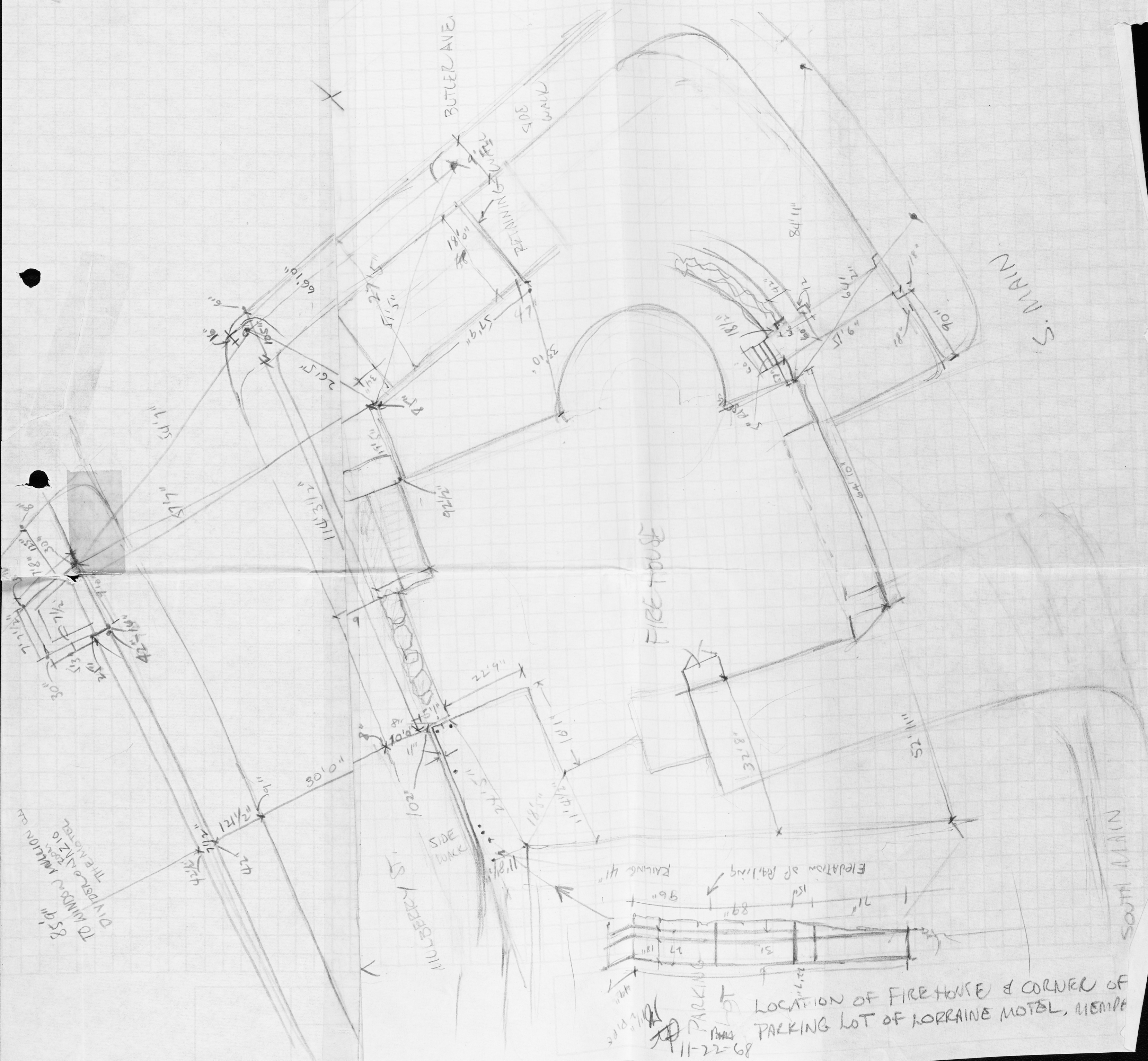
JCH:BN

(5)

ALL INFORMATION CONTAINED

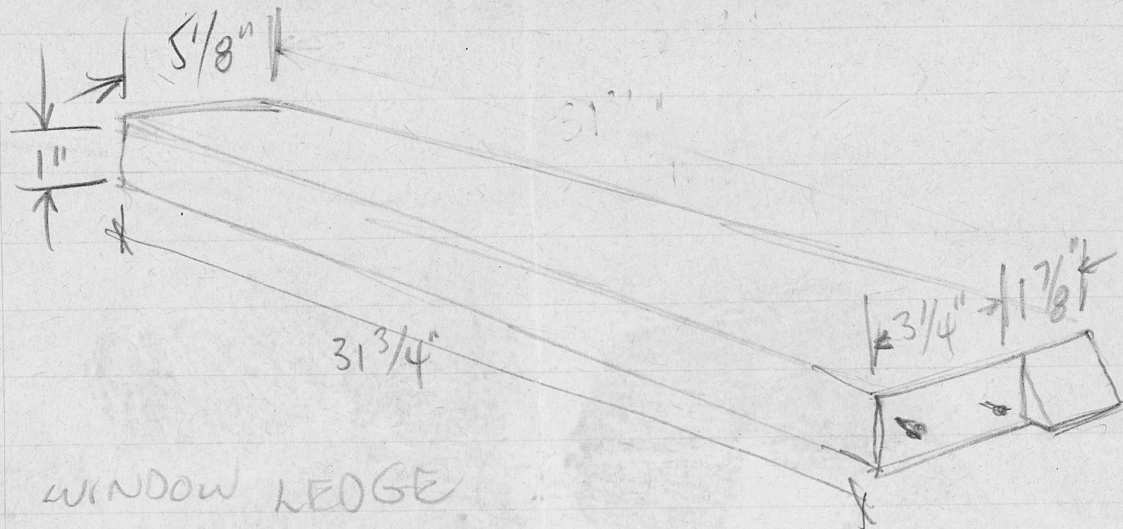
HEREIN IS UNCLASSIFIED

DATE 10/22/01 BY SP/CLP/ade




TO WINDOR MALLION CO
DIVISION 21210
THE HOTEL

LOCATION OF FIREHOUSE & CORNER OF
PARKING LOT OF LORRAINE MOTEL, MEMPHIS
11-22-68
PARKING
ELEVATION OF RAILING
96"
89"
71"
31"
27"
18"
42"
11-22-68
PARKING
ELEVATION OF RAILING
96"
89"
71"
31"
27"
18"
42"



WINDOW LEDGE

11-22-68
[Signature]



RETAINING WALL: 8'6" HI

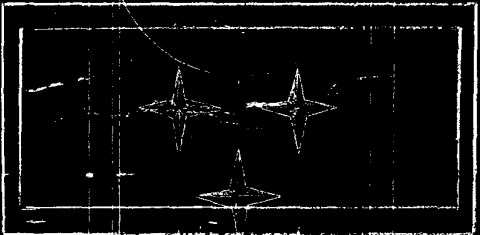
DECORATIVE WALL: 4'8" HI

BLOCKS: 12" SQ.



Lorraine

MOTEL



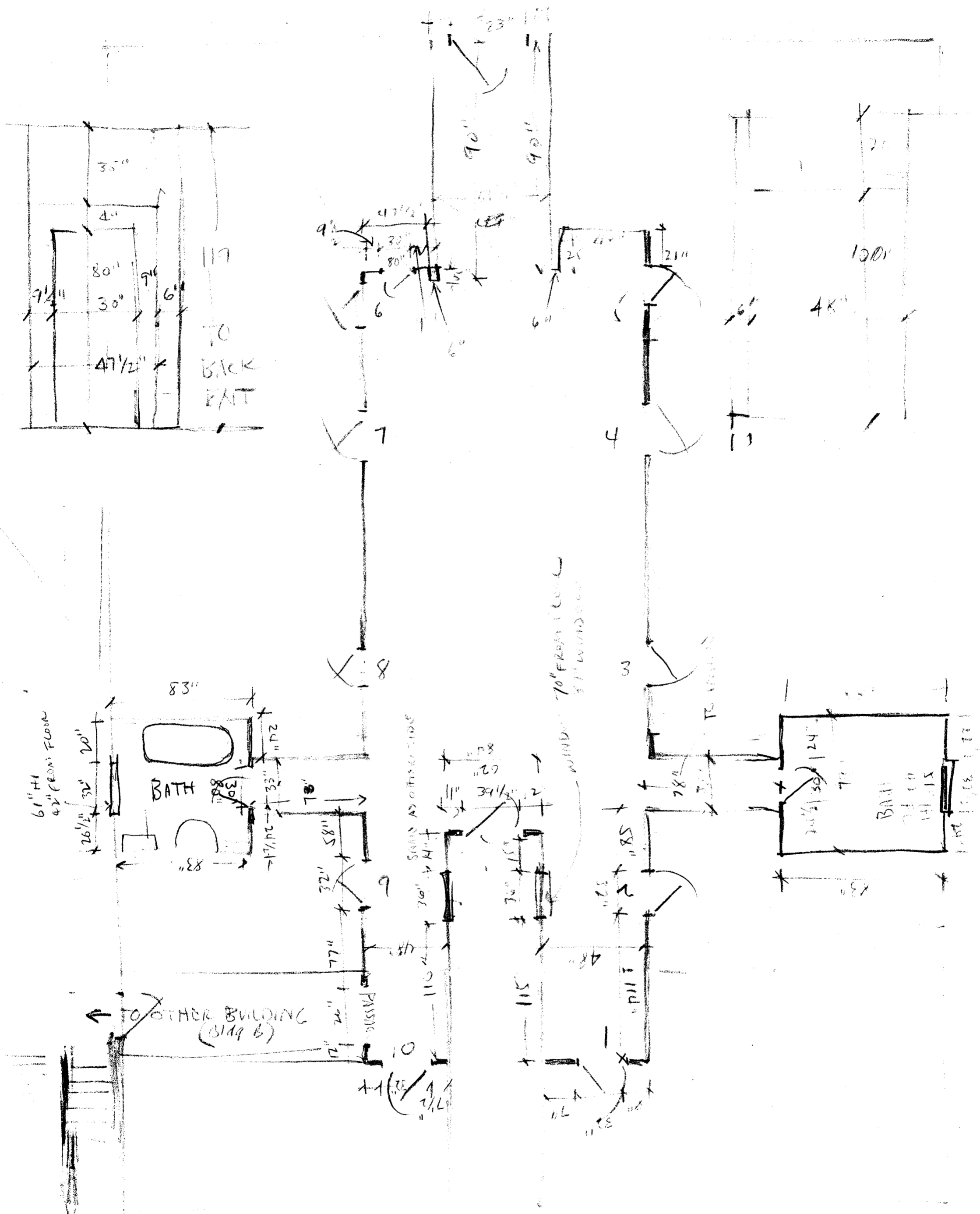
10'-0"

CUMMINGS & CO. INC.
NEON



1'-0"

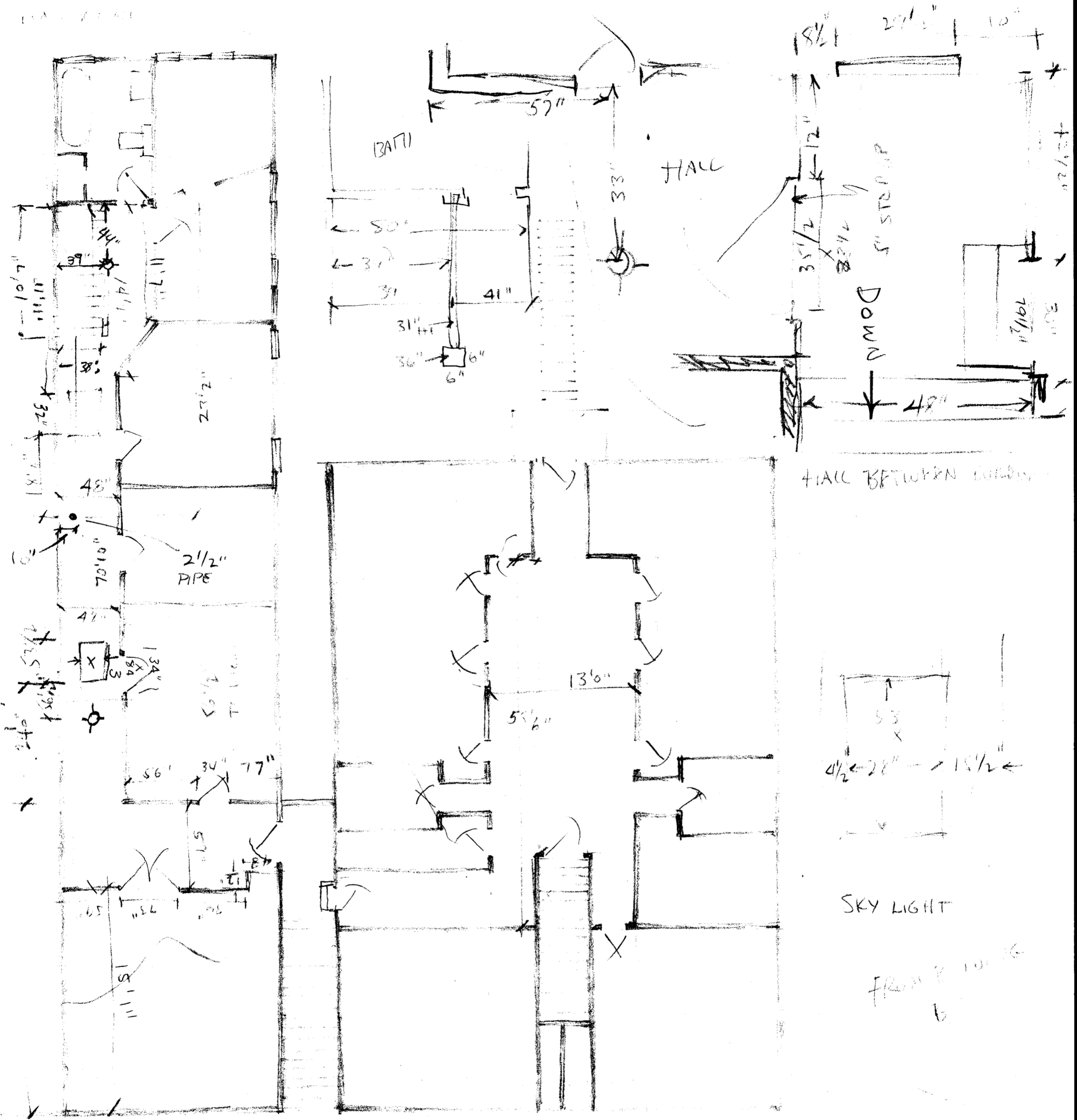
PHOTO OF RENDERING OF MOTEL SIGN FROM
CUMMINGS & CO., MEMPHIS - NOT ACCURATE.



ROOMING HOUSE AT 422 1/2 S. MAIN ST., MEMPHIS
 FLOOR PLAN OF BLDG. A + ELEVATION BACK DOOR.

[Handwritten signature]

11-21-68



418-420

422

422 1/2

424

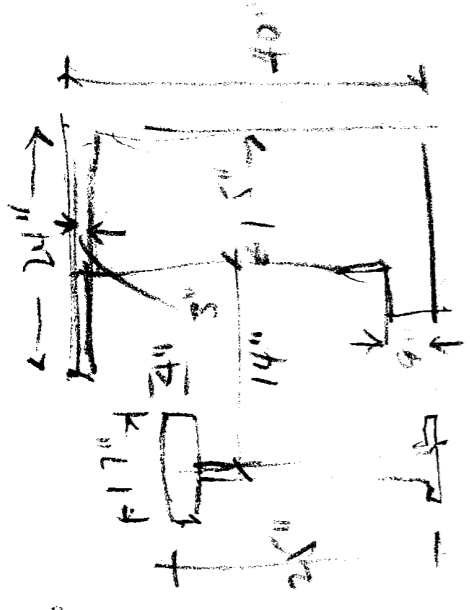
CURB LINE ↗

S. MAIN STREET

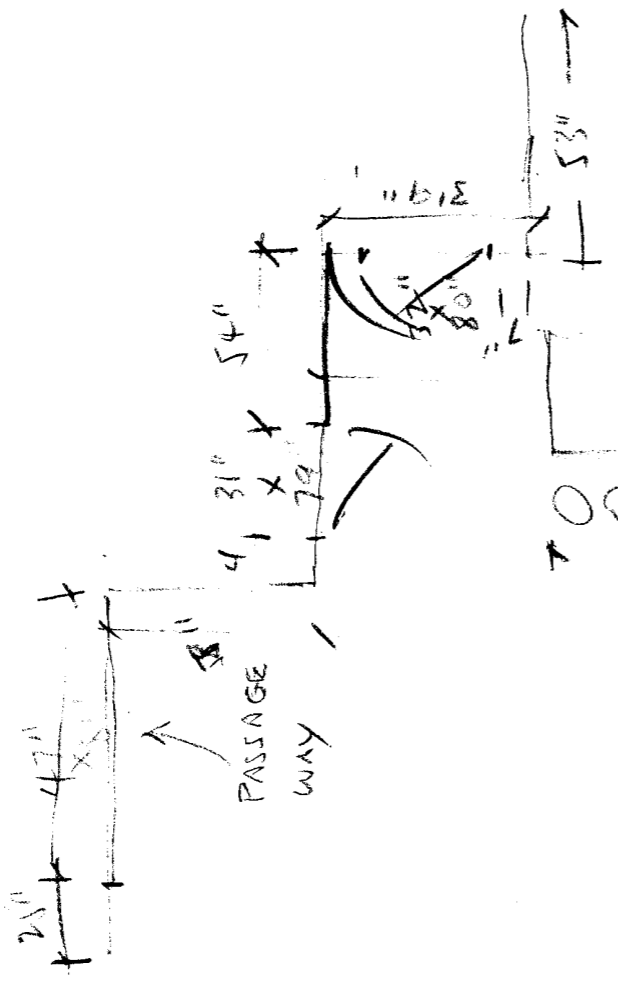
GENERAL FLOOR PLAN - BUILDINGS A & B -
ROOMING HOUSE, 422 1/2 S. MAIN ST., MEMPHIS, TENN.

[Handwritten signature]

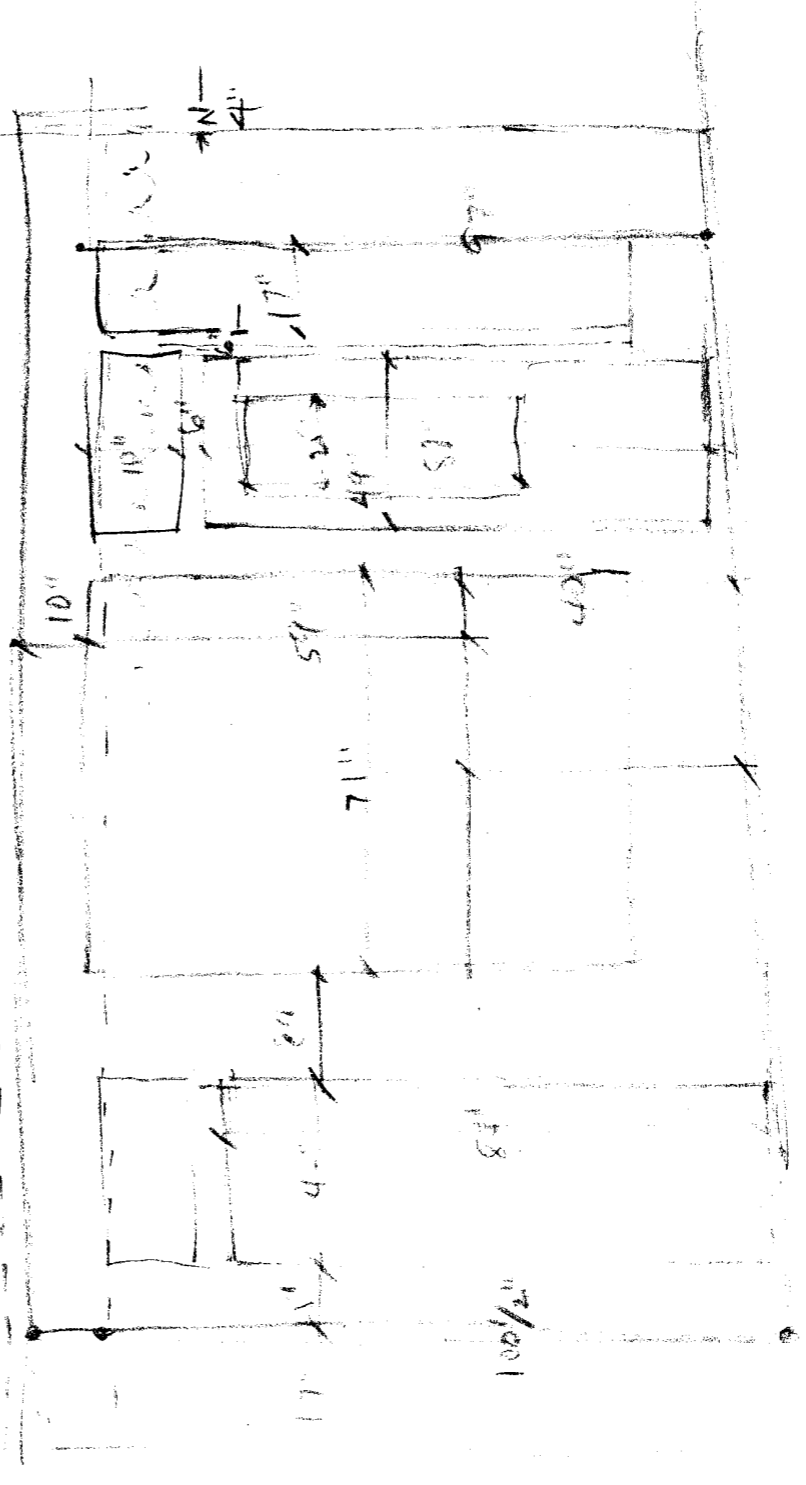
11-20-68



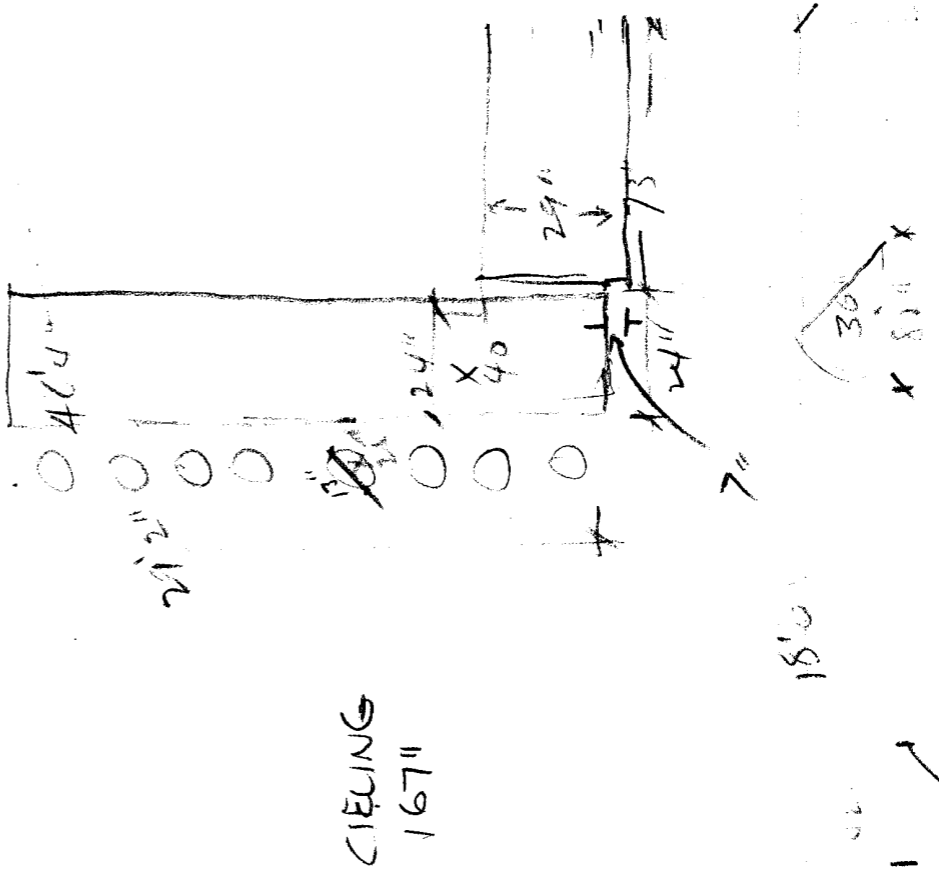
CORNER BUILDING



PASSAGE WAY



JIM'S GRILL



CEILING 167"

Garage Building

10"

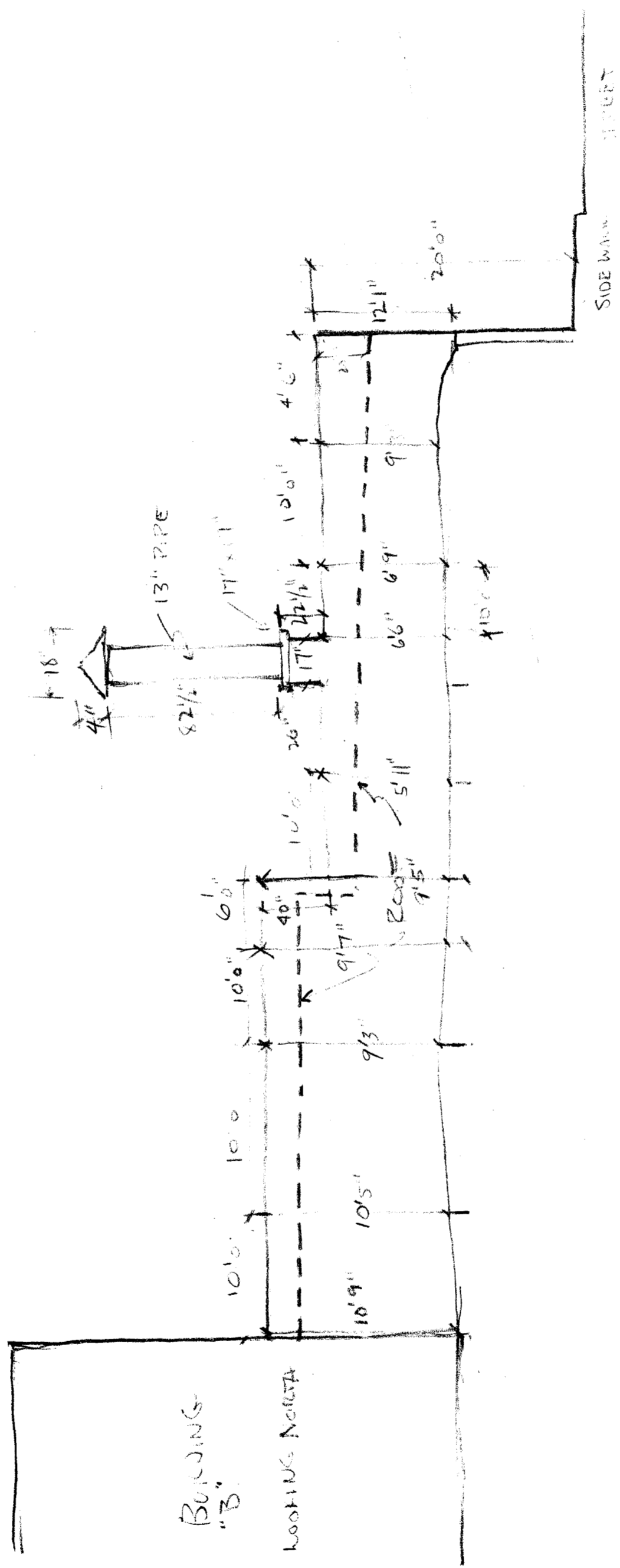
BUILDING A

Middle of BUILDING C

JIM'S GRILL 418-420 S. MAIN ST., MEMPHIS

FLOOR PLAN & ELEVATIONS 11-21-68

BRE

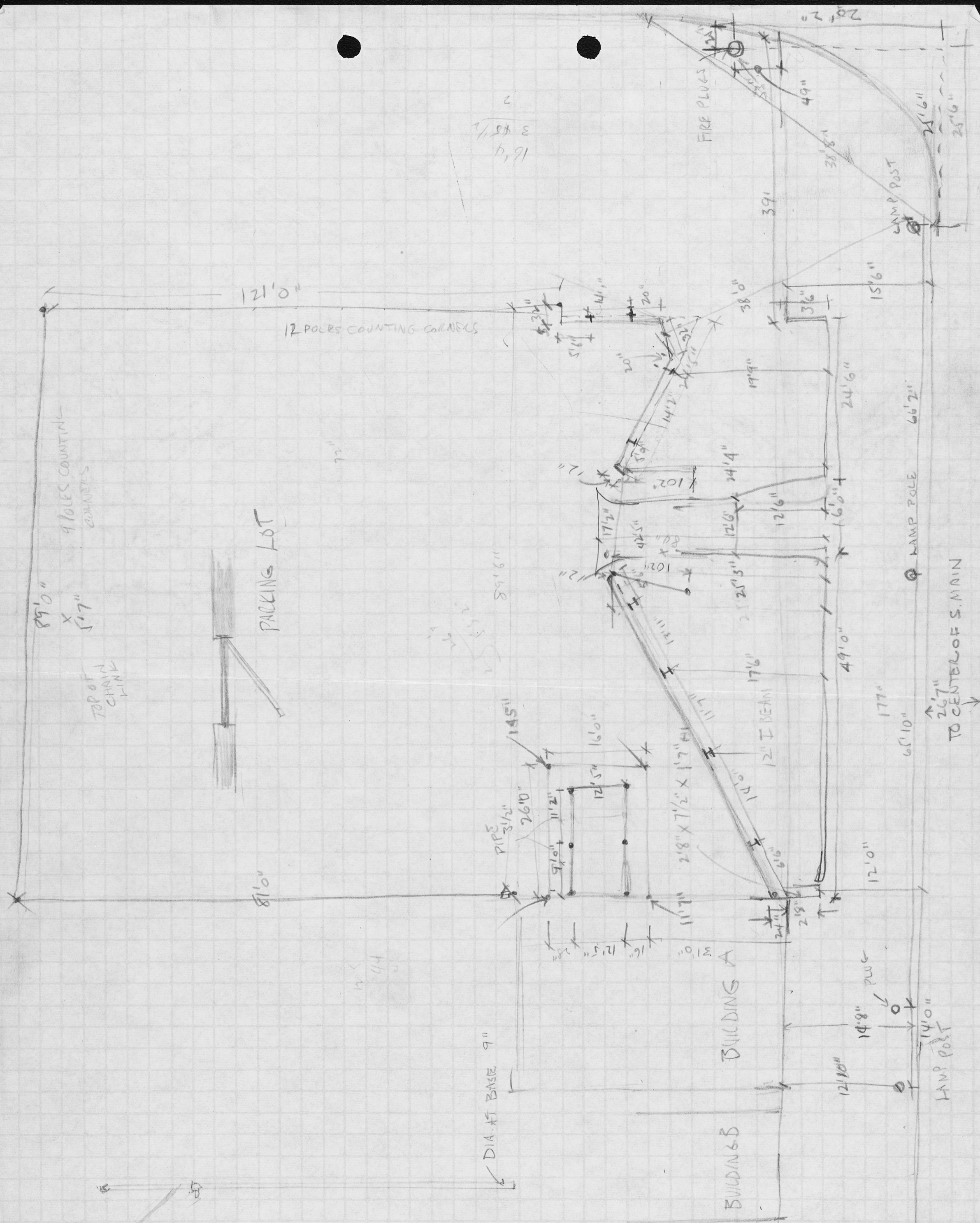


ELEVATION LOOKING NORTH FROM BACKYARD

BUILDINGS A & B -

11-21-68

BA



16'4
3 1/4
2

30

[Handwritten signature]

PARKING LOT LOCATED BETWEEN BUILDING A (42 1/2 S. MAIN) & ENGINE HOUSE NO. 2, MEMPHIS TENN
11-22-68