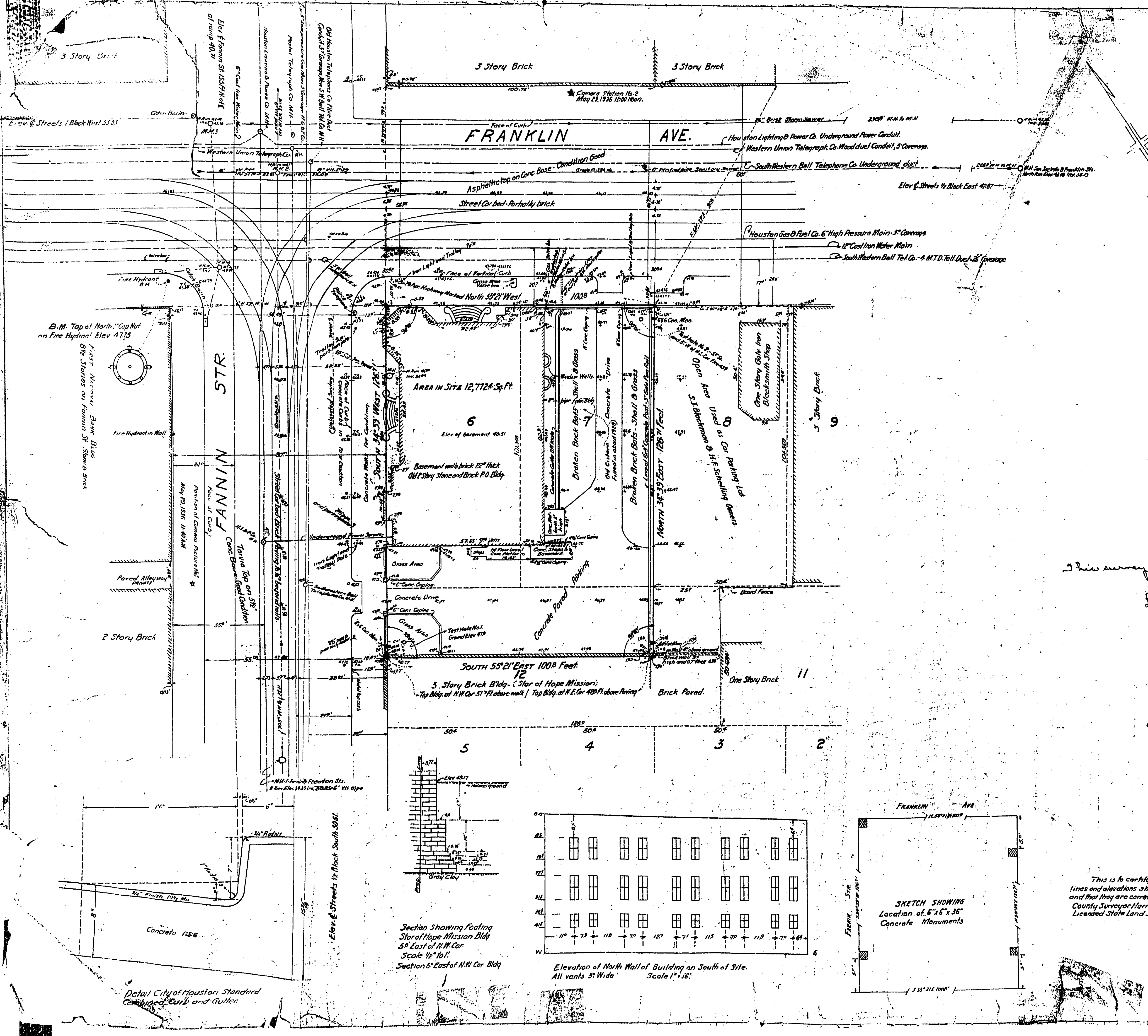


Elevations based upon City of Houston Engineering Department datum B.M. on Southwest corner first granite step West entrance of Court House 21.55.53
 Polaris observation on East Elam Station May 31, 1936 at 3:30 A.M. C.S.T.
 Site is located in Houston, Harris County, Texas, being part of Lots 6 and 7 and north half of Lot 12, of Block 22 S.S.B. Addition. Deed recorded Oct. 29, 1887. Book 33, Page 135 Harris County Deed Records.
 Encroachments: Brick wall and footing of building South of site.
 No old excavations, pits, vaults, old walls, wells, cisterns, cess pools, or trees on site.
 Present curbs, gutters and pavement are at grade. Sidewalks slope 1/4" per foot from top of curbs - City Standard. No abutting alleys.
 Sidewalks to be paved from property line to curb. No established distance from lot line to curb other than is on ground at this date.
 No established building line. No right of way or mains on the site.
 Power - 120-20 volt, 60 cycle - for 3 phase. No Steam mains.
 No cisterns, wells, or sewer disposal dry wells in use.
 No contemplated changes in facilities or proposed street widenings.
 Power - Houston Lighting & Power Co.
 Gas - Houston Gas & Fuel Co.
 Telephone - Southwestern Bell Telephone Co.
 Water - Municipal
 Sewers - Municipal
 Surface Street Cars - Houston Electric Co.
 Survey laid out from City of Houston Survey Monuments No. 9 in E. San Jacinto St. and 5' North of E. Preston Ave. and No. 192 in E. San Jacinto St. and South line of Commerce Ave.

LOG OF CORE BORINGS No. 1		LOG OF CORE BORINGS No. 2	
0 to 9 FT.	Surface Soil	0 to 8 FT.	Surface Soil
9 to 18 FT.	Yellow Clay	8 to 51 FT.	Sandy Clay
18 to 51 FT.	Sandy Clay	51 to 55 FT.	Red Clay
51 to 55 FT.	Red Clay		
Elevation at top of cores.		Elevation at top of cores.	
Surface Elevation 479		Surface Elevation 459	
No. 1	44.4	No. 1	36.9
No. 2	37.9	No. 2	24.9
No. 3	7.9	No. 3	14.9
No. 4	-5.1	No. 4	-5.1
Elevation Ground Water 6-1-1936 = 41.4		Elevation Ground Water 6-3-1936 = 24.8	
Borings taken following a 10 day rainy period.			



This survey agrees with the deed.

Legal Section - 7-6-36

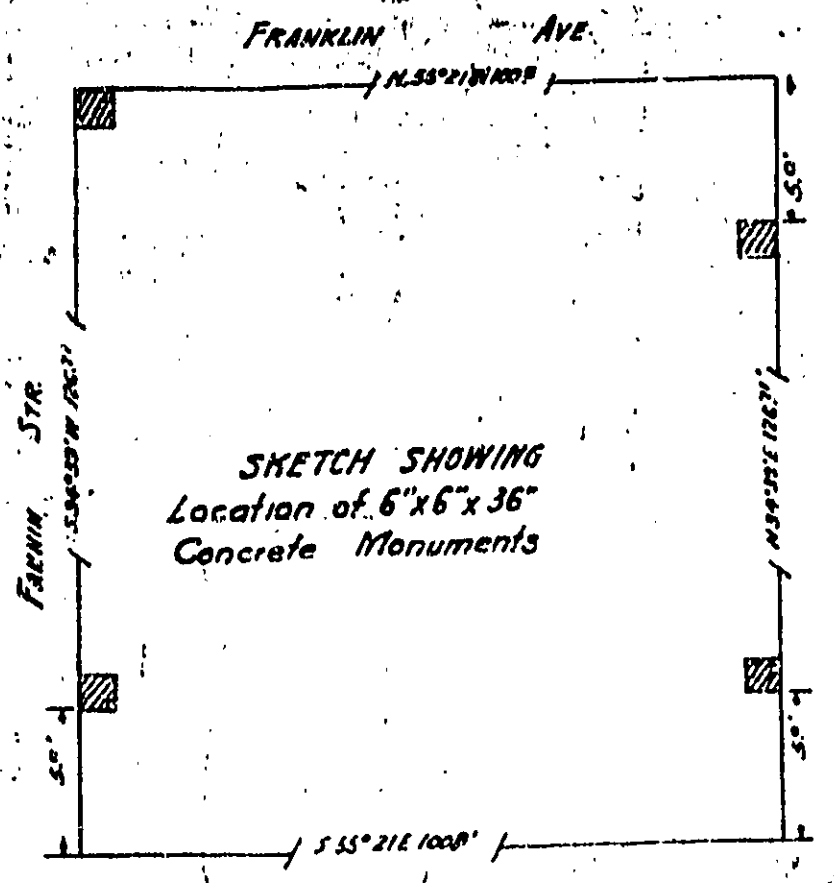
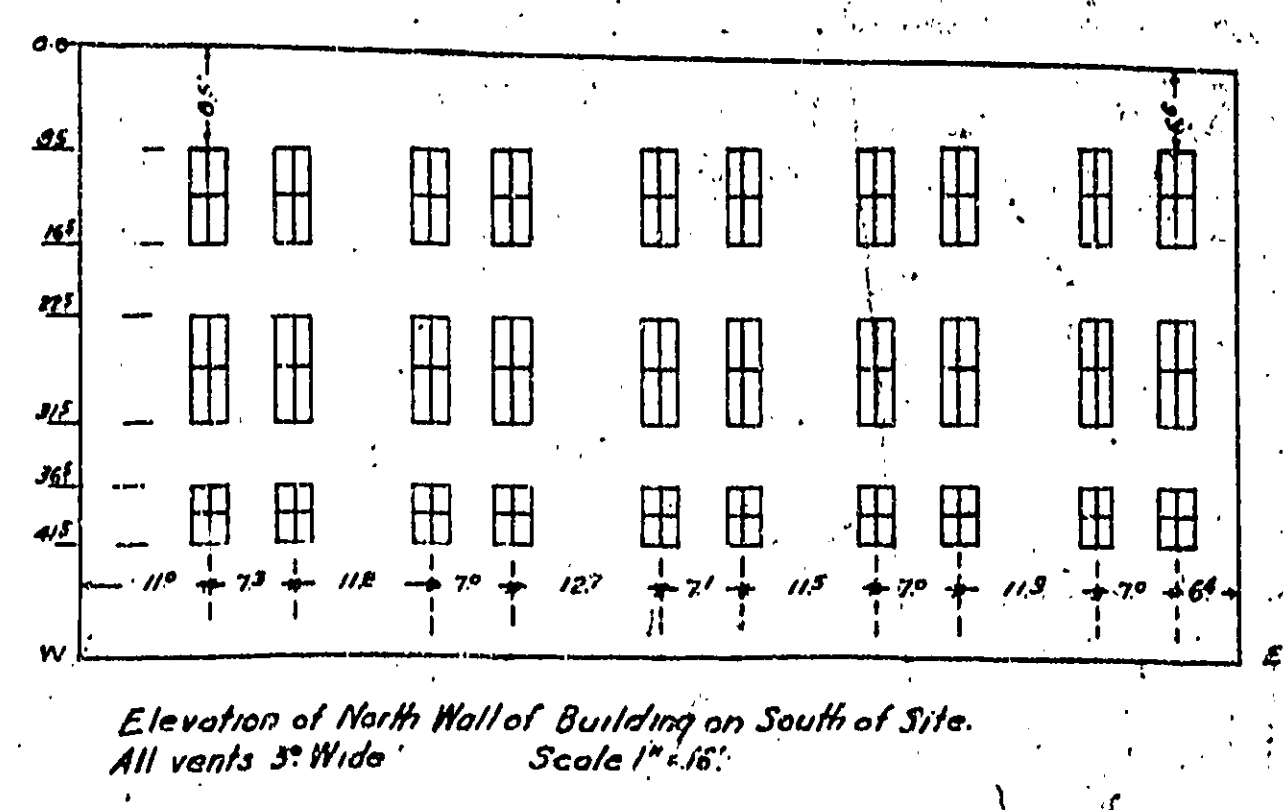
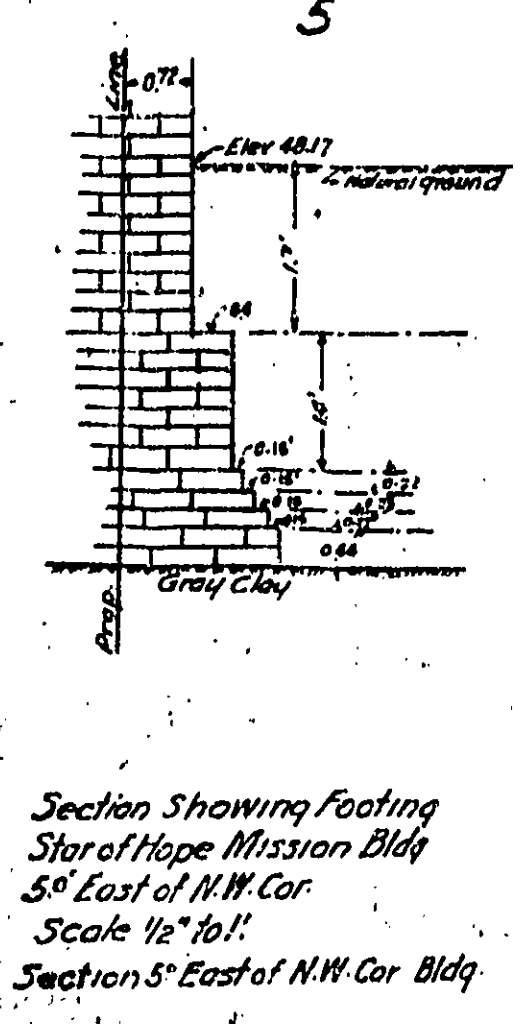
SITE SURVEY
FEDERAL OFFICE BUILDING,
INCLUDING FRANKLIN STATION,
HOUSTON, TEXAS.
 FORMERLY
U.S. CUSTOM HOUSE SITE.

SURVEY INSPECTED BY *Bill [Signature]* JUNE 3, 1936.
 CONST. ENGR. U.S. TREASURY DEPT. SCALE 1"=16'

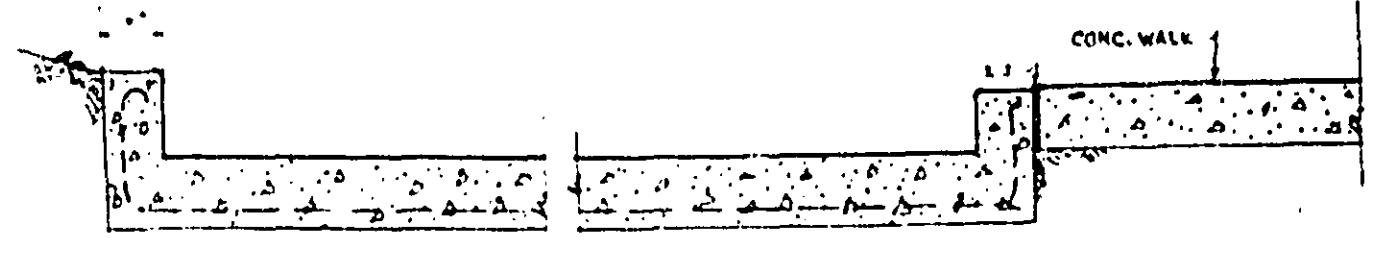
This is to certify that I have run the lines and elevations shown on this map and that they are correct. *[Signature]*
 County Surveyor Harris County, Licensed State Land Surveyor of Texas.

This is to certify that the true Street and lot lines are properly shown hereon, and the officially established grades of curbs, sidewalks and sewers, (and the material used in their construction) are also correctly given.
J. M. Nagle
 CITY ENGINEER OF HOUSTON, TEXAS

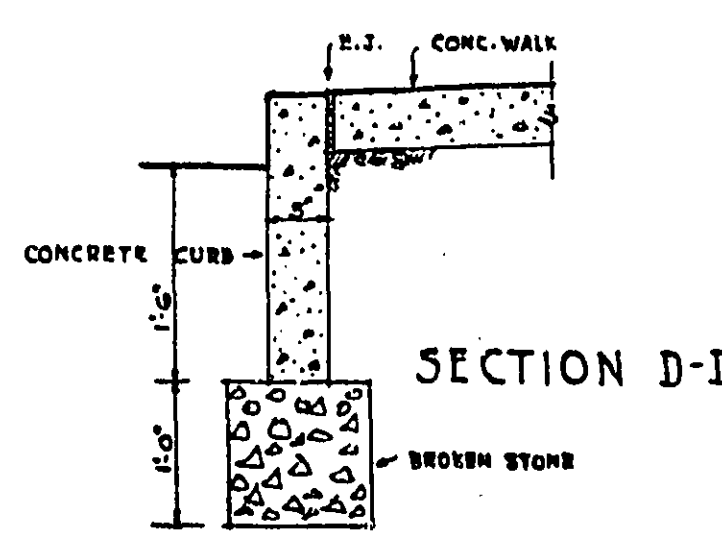
OFFICE OF J. S. BOYLES C.E. HOUSTON, TEXAS
 DATE MAY 29 TO JUNE 3, 1936. FIELD BOOK Vol. V4-Pg. 1
 MAP NO. 1000-CITY. SIZE 4" x 24 1/2" by 37"



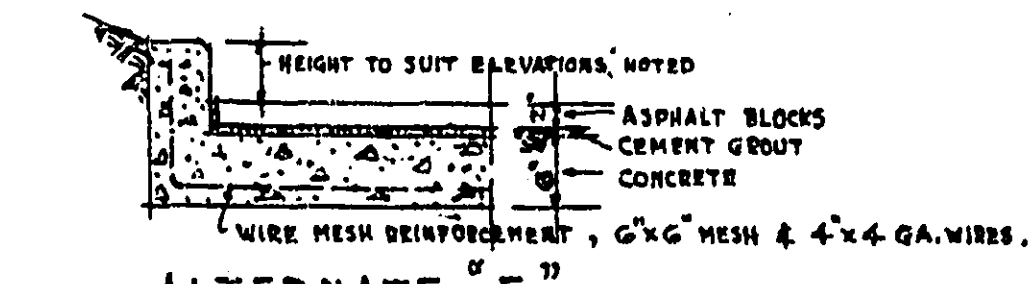
Detail City of Houston Standard Combined Curb and Gutter



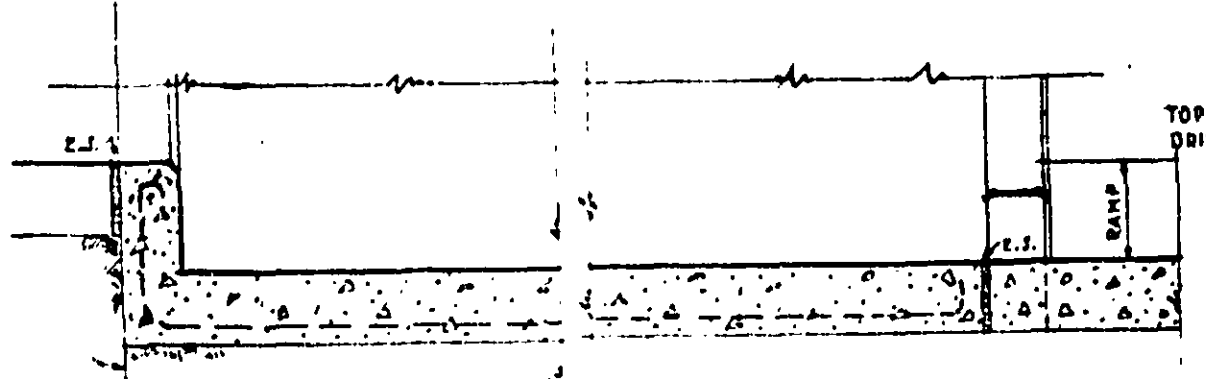
SECTION A-A



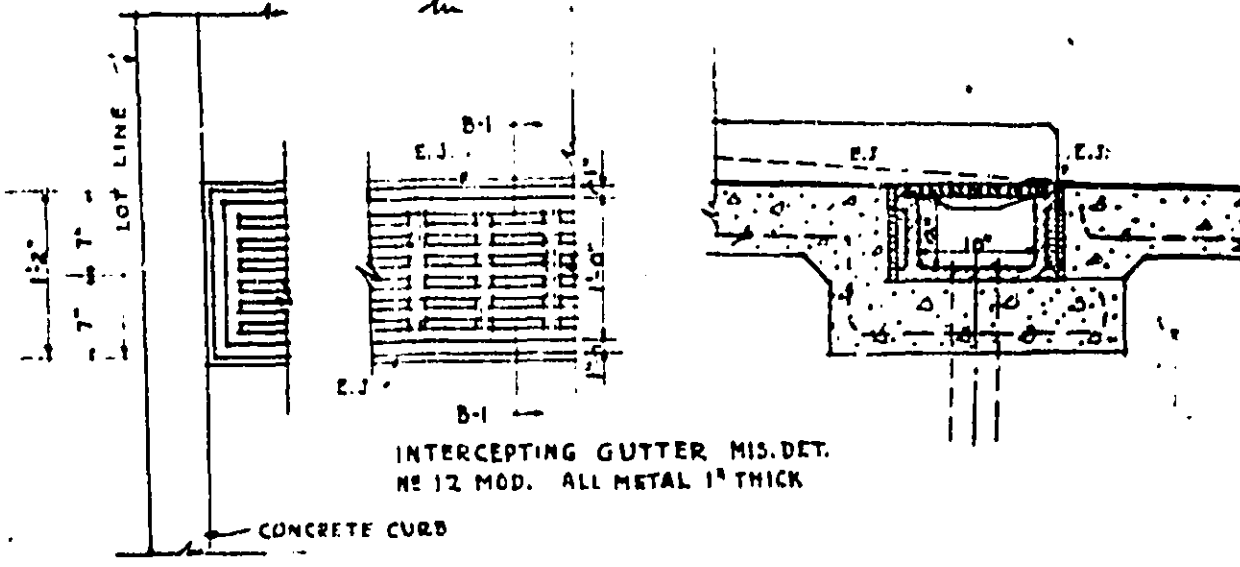
SECTION D-D



ALTERNATE 'F'
 ASPHALT BLOCKS AS SPECIFIED SHALL BE USED IN LIEU OF ASPHALT FINISH FOR DRIVEWAY EXTENDING BETWEEN INTERCEPTING GUTTER ON FRANKLIN AVE. & LOT LINE ON FANNIN STREET.

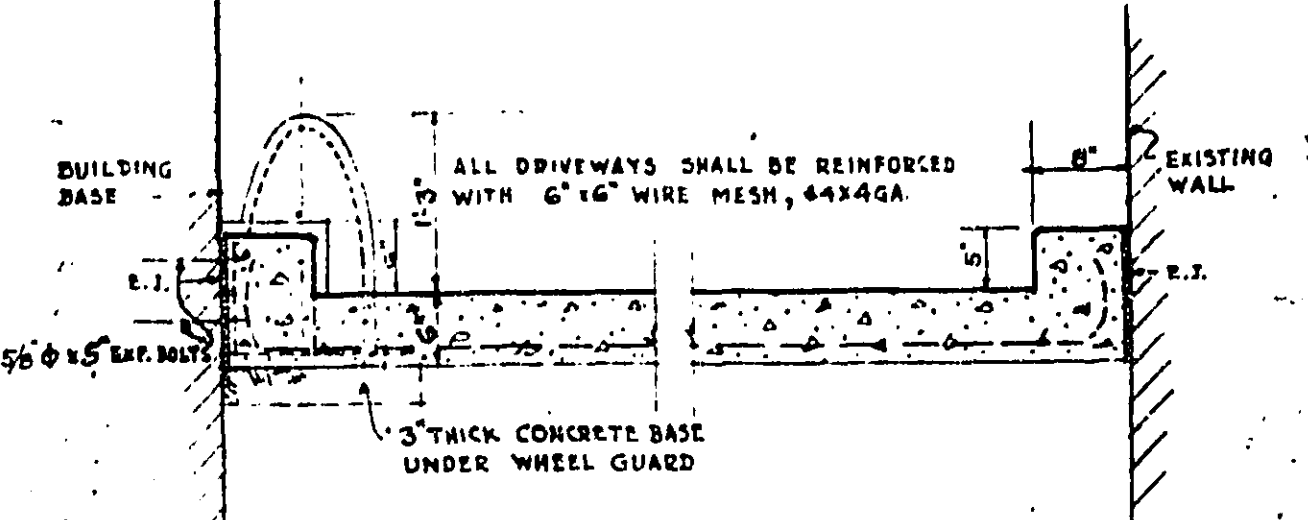


SECTION B-B

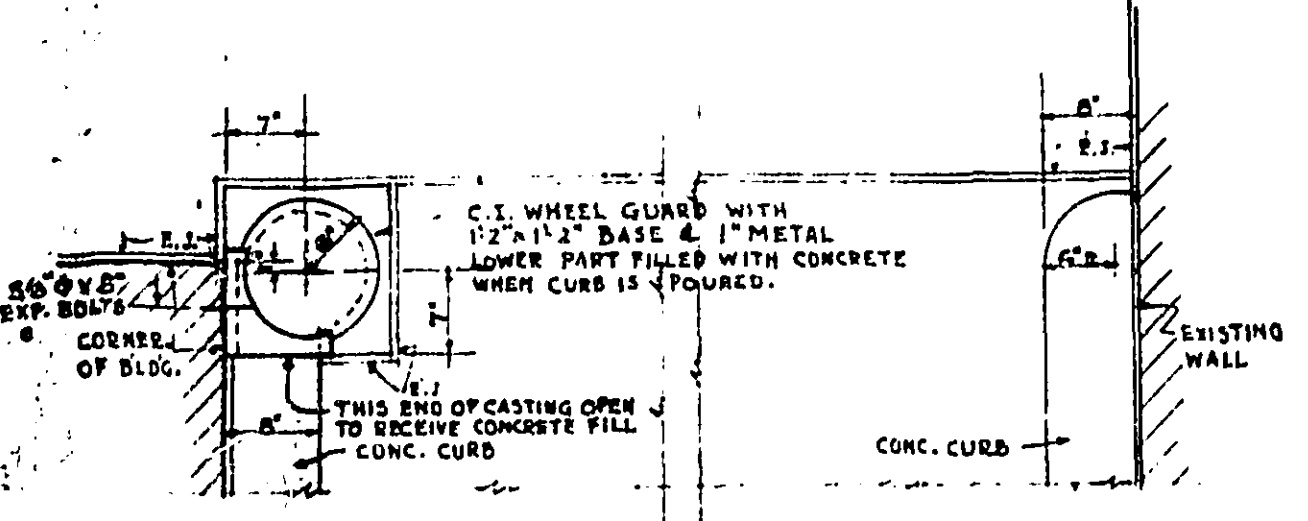


PLAN B-B

SECTION B-1-B-1

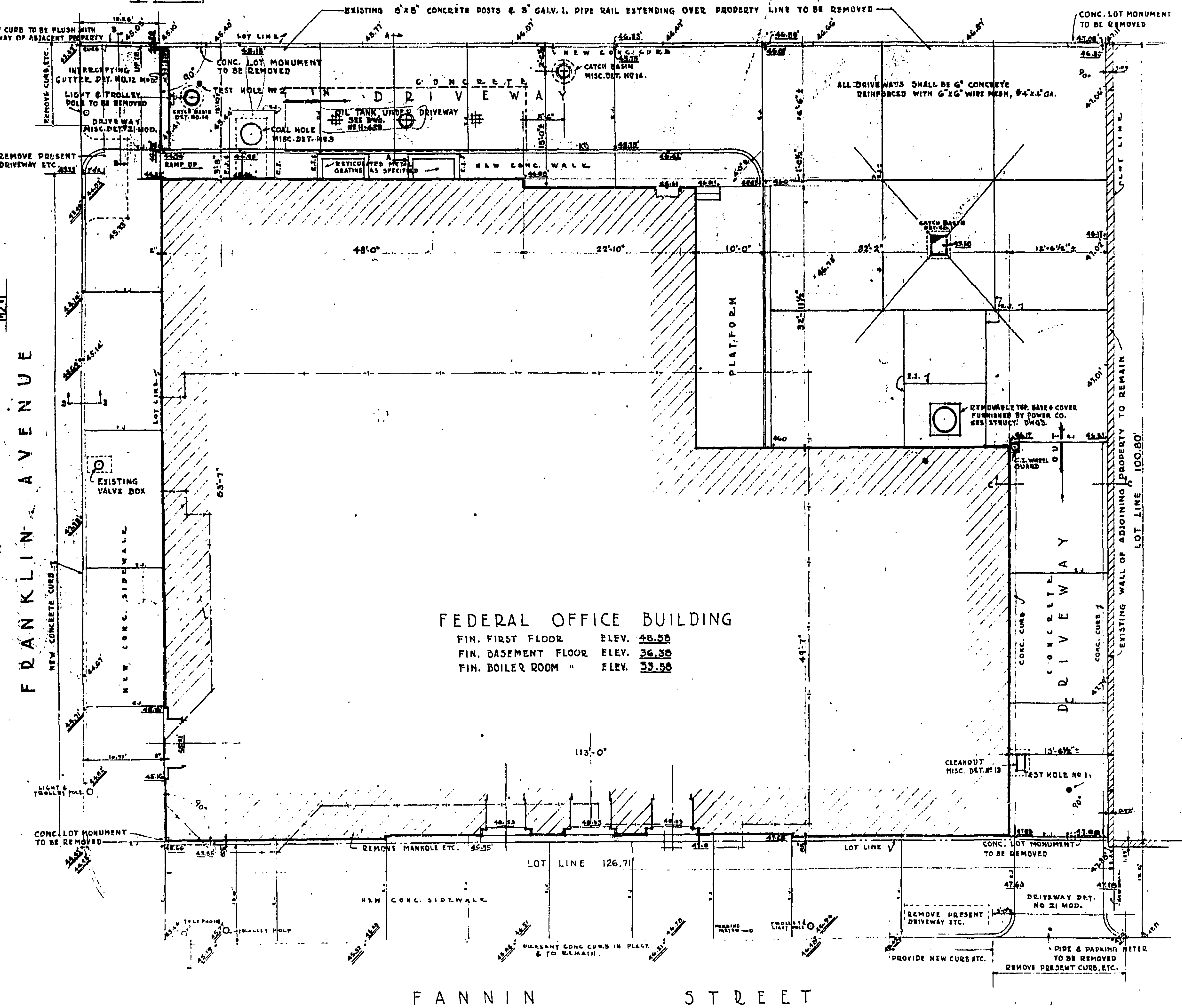


SECTION C-C



PLAN C-C

DETAILS OF CURB, DRIVEWAY, ETC.
 SCALE 3/4" = 1'-0"



FEDERAL OFFICE BUILDING
 FIN. FIRST FLOOR ELEV. 48.50
 FIN. BASEMENT FLOOR ELEV. 36.30
 FIN. BOILER ROOM " ELEV. 33.50

FANNIN STREET

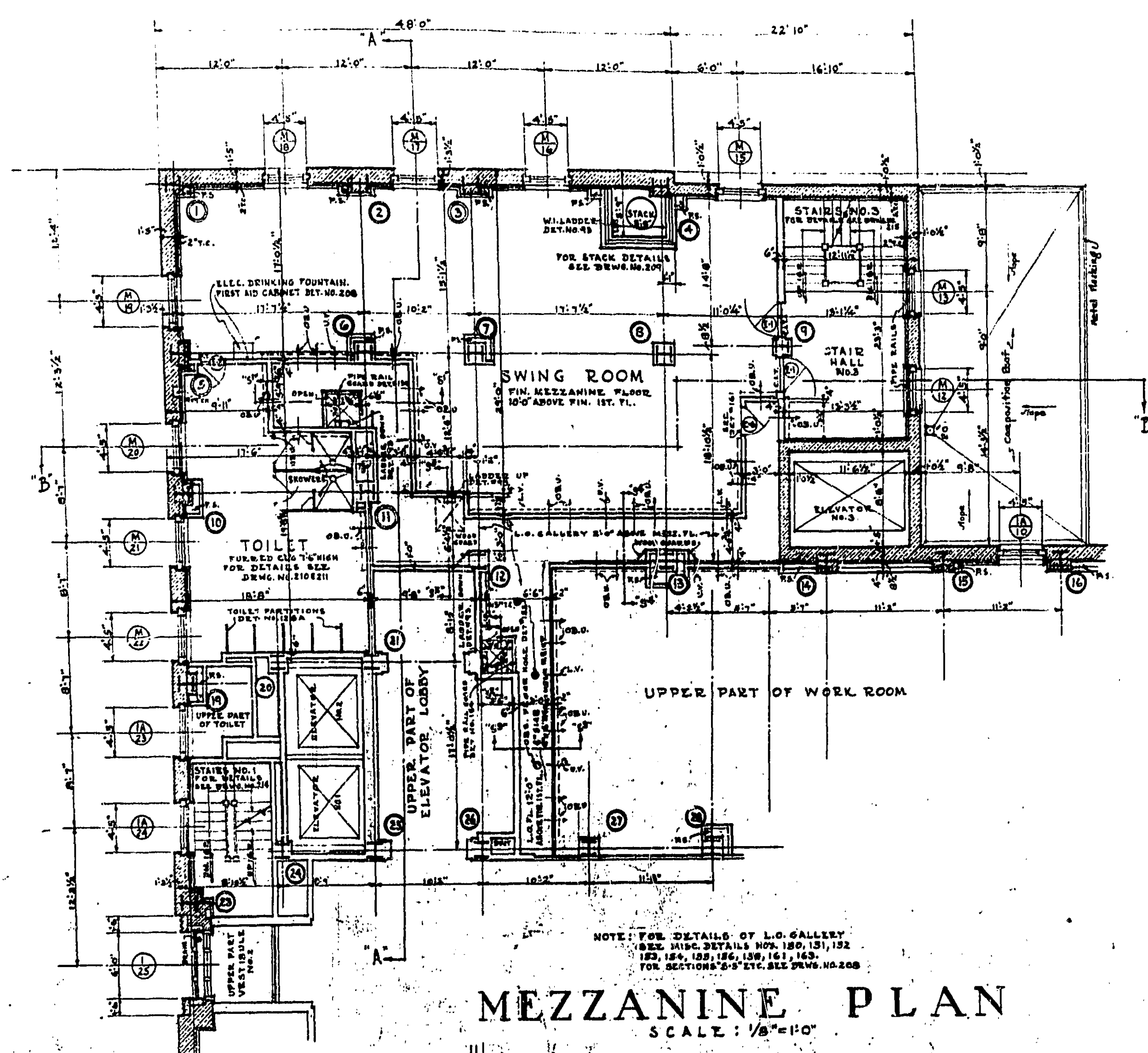
DEATH MARK
 S.W. SIDE FRANKLIN AVE. NEAR N.W. CORNER OF FANNIN STREET & 40' x 11' CAP METER ON FIRE HYDRANT - ELEV. 47.75'

GENERAL NOTES
 PRESENT GRADES SHOWN THUS 0.00
 NEW " " " " 0.00
 ESTABLISHED " " " " 0.00
 ALL GRADES SHALL SLOPE UNIFORMLY BETWEEN NEW ELEVATIONS GIVEN AND BETWEEN NEW ELEVATIONS AND ESTABLISHED GRADES.
 EXPANSION JOINTS NOTED E.J. SHALL BE PROVIDED WHERE INDICATED AND ALSO WHERE WALK AND DRIVEWAY ABUT BUILDING AND SIDEWALK ABUT CURB.
 SECTIONS SHOWN ON THIS DRAWING APPLY TO THIS SHEET ONLY.
 OUTLINE OF EXISTING BLDG. ON SITE IS SHOWN THUS.
 ALL EXISTING BLDGS., DRIVEWAYS, WALKS, ETC. ON SITE SHALL BE REMOVED BY THE GENERAL CONTRACTOR.
 TEST PITS SHALL BE FILLED IN AS SPECIFIED.
 DIMENSIONS OF BUILDING ARE GIVEN AT FIRST FLOOR.
 CONTRACTOR SHALL VERIFY ALL DIMENSIONS BEFORE STARTING WORK.

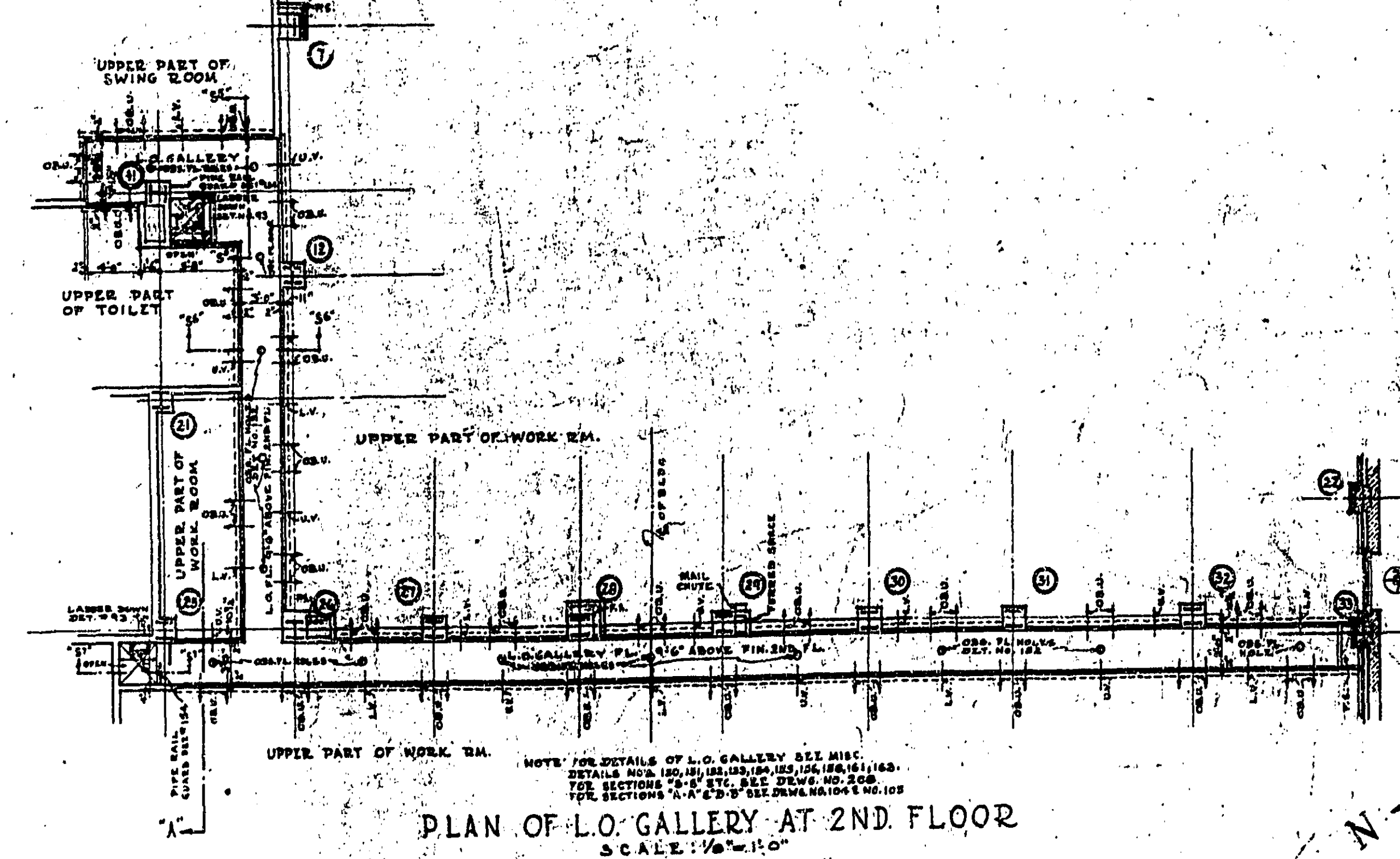
APPROACH PLAN
 SCALE 1/8" = 1'-0"

TREASURY DEPARTMENT
 PROCUREMENT DIVISION
 C. J. FIDDLER, DIRECTOR OF PROCUREMENT
 PUBLIC BUILDINGS BRANCH
 W. E. HEYNGER, ASSISTANT DIRECTOR OF PROCUREMENT
 LOUIS A. SIMON, ARCHITECT
 APPROVED

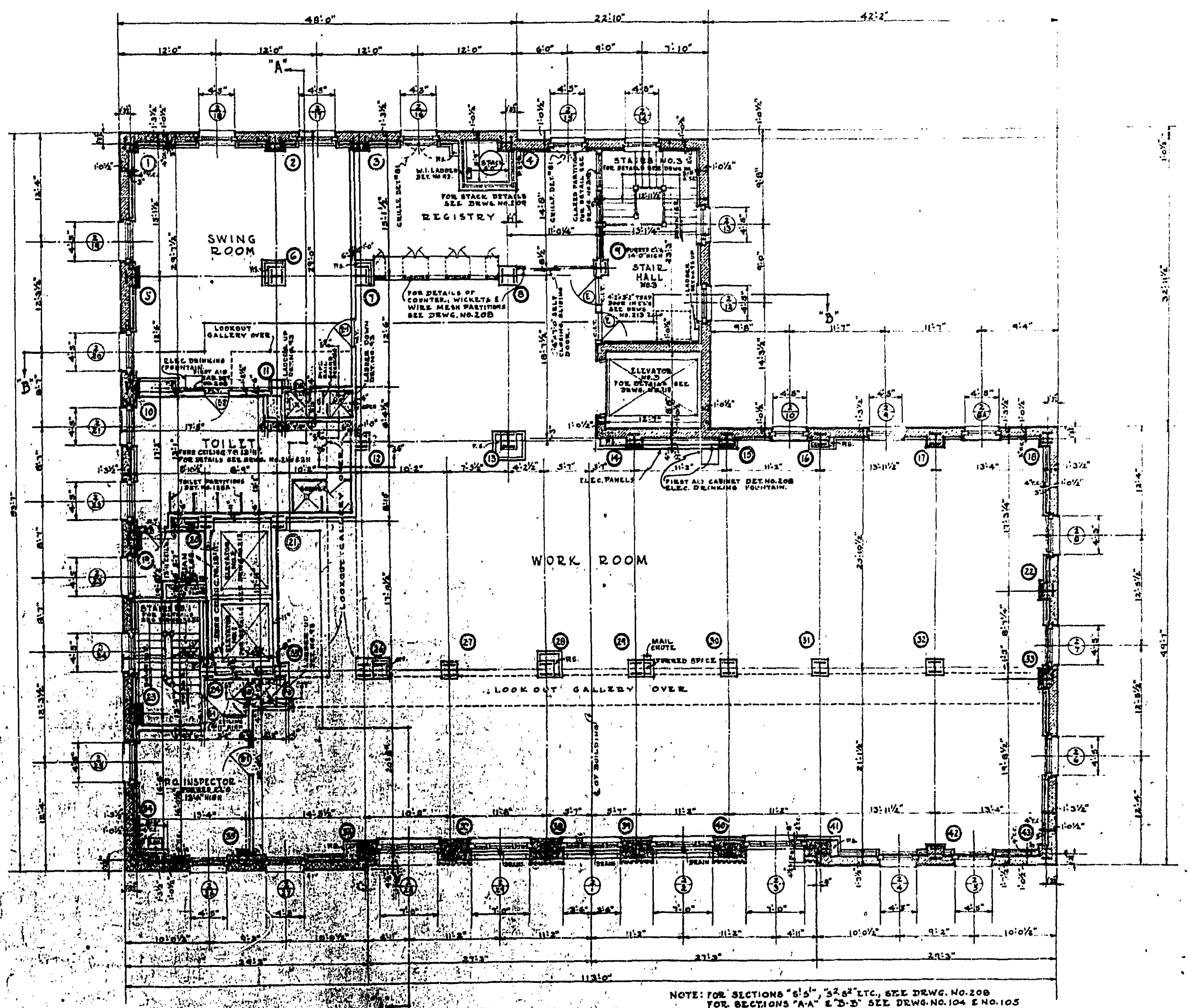
BUILDING FEDERAL OFFICE BLDG.
 CITY, HOUSTON TEXAS
 DRAWN BY ARMED DATE 1/22/53
 CHECKED BY DATE 1/22/53
 DRAWING No. 1



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



PLAN OF L.O. GALLERY AT 2ND FLOOR
SCALE: 1/8"=1'-0"



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

NOTES

- P.S. INDICATES PIER & SPACE.
- M.T. MARBLE THRESHOLD.
- C.I. CAST IRON.
- W.T. WOOD.
- T.C. TERRA COTTA.
- R.O. ROOF OUTLET.
- L.V. LOWER VENT. DET. 156.
- U.V. UPPER VENT. DET. 156.
- O.B. OBSERVATION UNIT.

DIMENSIONS LOCATING T.C. OR BRICK PARTITIONS, ETC., ARE TO UNFINISHED SURFACES UNLESS OTHERWISE SHOWN OR NOTED.

PARTITIONS SHALL BE T.C. UNLESS OTHERWISE SHOWN OR NOTED.

PARTITIONS IN LOOK OUT GALLERY ARE PLASTER. (SEE MISC. DET. NO. 150, & NO. 151).

PURING ON EXTERIOR WALLS SHALL BE T.C. UNLESS OTHERWISE SHOWN OR NOTED.

FREE STANDING PURING AT WALLS TO BE T.C. UNLESS OTHERWISE SHOWN OR NOTED.

FOR DOOR SCHEDULES, FINISH NOTES, ETC., SEE DWG. NO. 200.

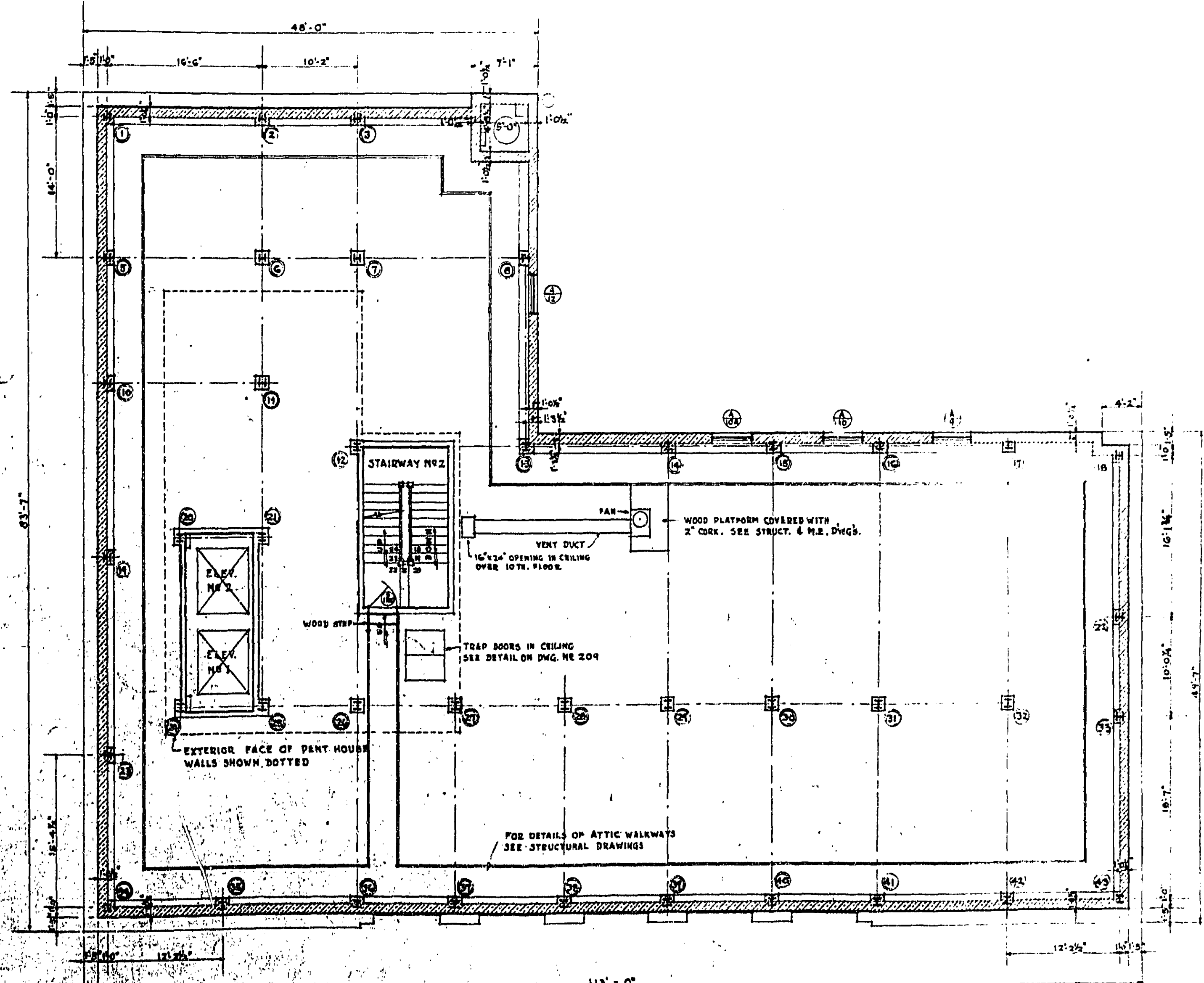
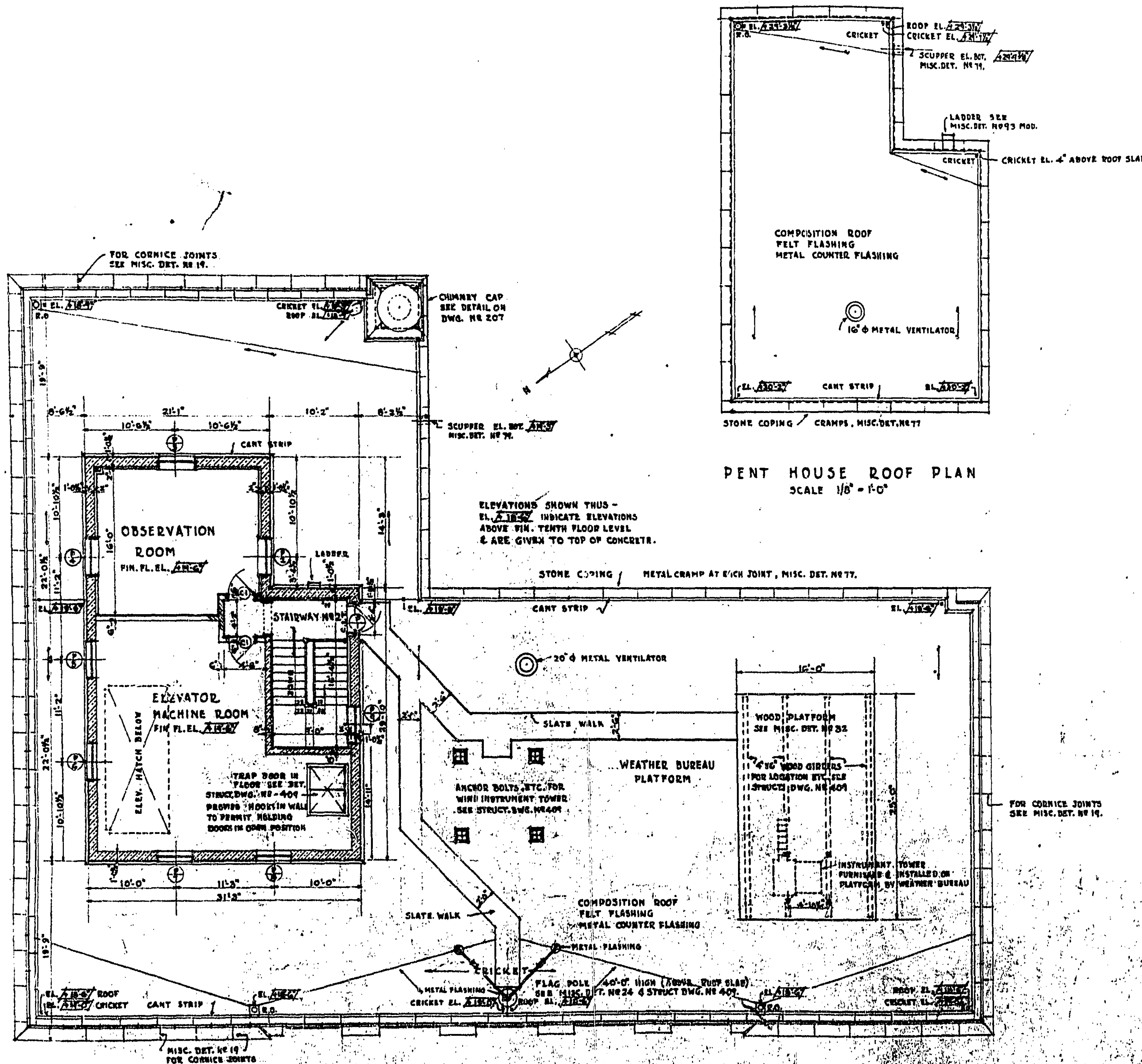
TREASURY DEPARTMENT
PROCUREMENT DIVISION
C. J. PEOPLES, DIRECTOR OF PROCUREMENT

PUBLIC BUILDINGS BRANCH
W. E. REYNOLDS, ASSISTANT DIRECTOR OF PROCUREMENT
LOUIS A. SIKON, SUPERVISING ARCHITECT
NEAL A. MELICK, SUPERVISING ENGINEER

APPROVED

W. D. NOLL, SUPT. OF ARCHITECTURE
N. S. THOMPSON, SUPT. OF MECHANICAL ENGINEERING
T. C. BROOKS, SUPT. OF ELECTRICAL ENGINEERING

FEDERAL OFFICE BLDG.
HOUSTON, TEX.
DRAWN BY WILSON, DATE 1/22/57
CHECKED BY [Signature], DATE 1/22/57
DRAWING **No. 3**



ROOF & PENT HOUSE PLAN

ATTIC PLAN

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

TREASURY DEPARTMENT
PROCUREMENT DIVISION
C. J. PEOPLES, DIRECTOR OF PROCUREMENT

PUBLIC BUILDINGS BRANCH
W. E. REYNOLDS, ASSISTANT DIRECTOR OF PROCUREMENT
LOUIS A. SIMON, SUPERVISING ARCHITECT
NEAL A. KERLOCK, SUPERVISING ENGINEER

APPROVED
H. C. STOLL, CHIEF OF ARCHITECTURE
N. S. THOMPSON, CHIEF OF MECHANICAL ENGINEERING
T. C. WOODS, CHIEF OF ELECTRICAL ENGINEERING

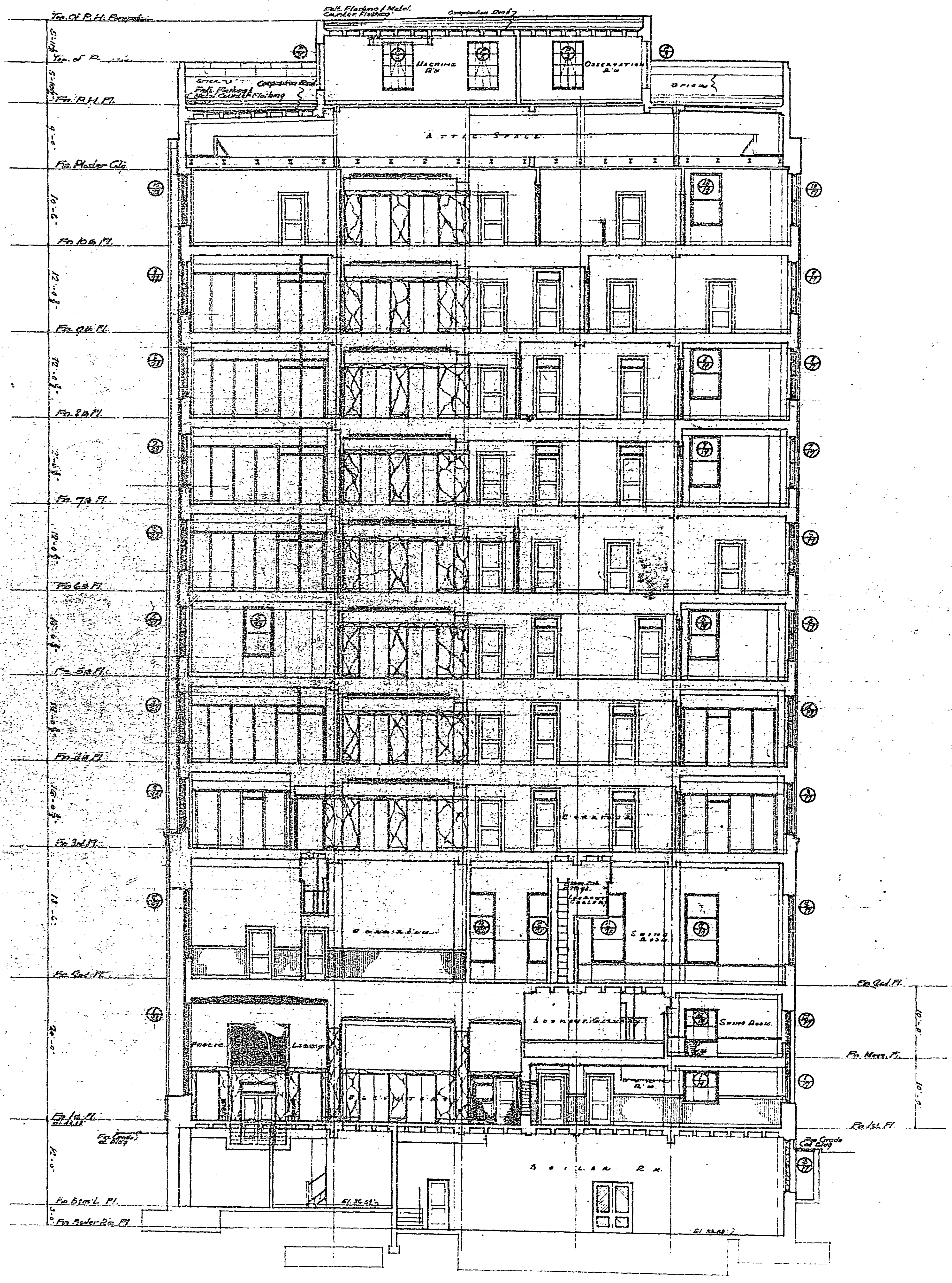
FOR GENERAL NOTES SEE DWG. NO. 4
FOR ALL SCHEDULES, ETC. SEE DWG. NO. 200

FEDERAL OFFICE BLDG.
CITY HOUSTON TEXAS

DRAWN BY ARMIGER DATE 1/22/57
CHECKED BY DATE 1/22/57

DRAWING No. **8**

TREASURY DEPARTMENT
PROCUREMENT DIVISION
 C. J. PROFFER, DIRECTOR OF PROCUREMENT
PUBLIC BUILDINGS BRANCH
 W. J. BROWN, ASSISTANT DIRECTOR
 LOUIS A. SIMON, ASSISTANT DIRECTOR
 SUPERVISING ARCHITECT
 H. A. MELLER, SUPERVISING ARCHITECT
APPROVED
 N. S. THOMPSON, CHIEF OF BUREAU
 T. C. BROOKS, CHIEF OF BUREAU
 ARCHITECT
 DATE: 1/27/31



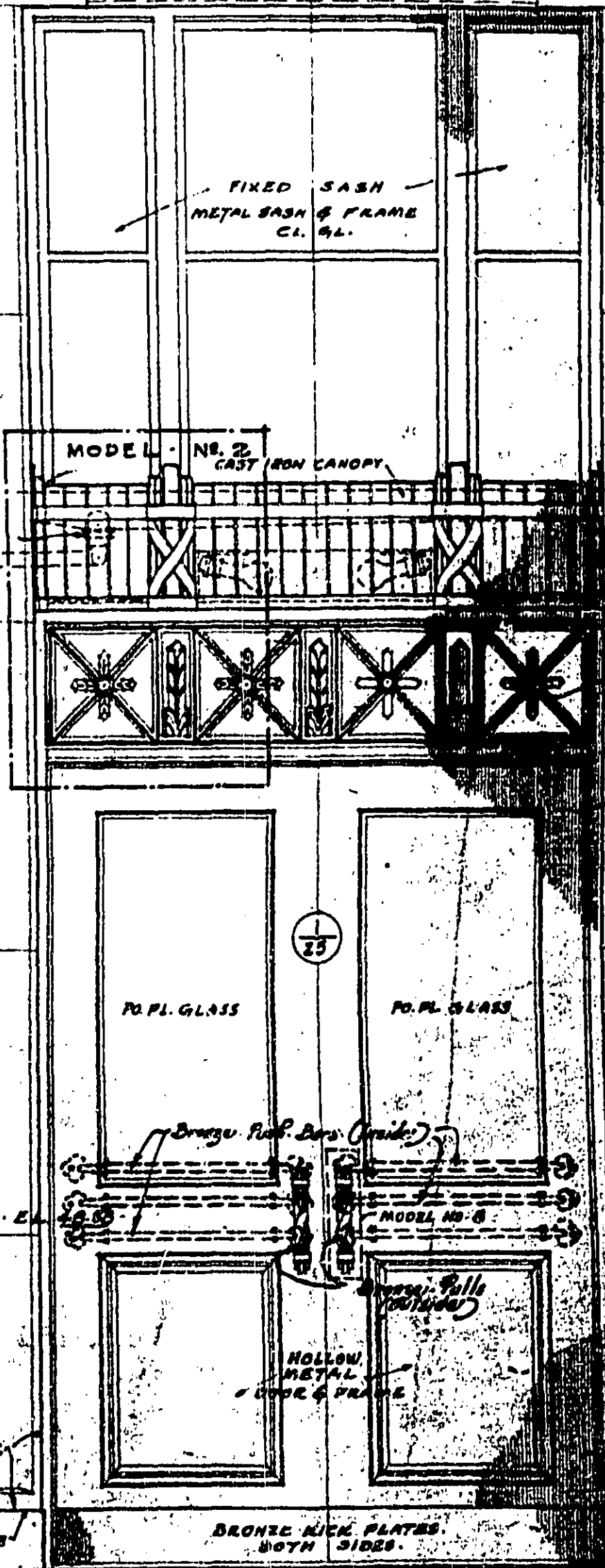
SECTION A-A
 SCALE 1/2" = 1'-0"

BUILDING "FEDERAL OFFICE BLDG."
 CITY, HOUSTON, TEXAS
 DRAWN BY: S. J. ...
 CHECKED BY: ...
 DATE: 1/27/31
No. 104

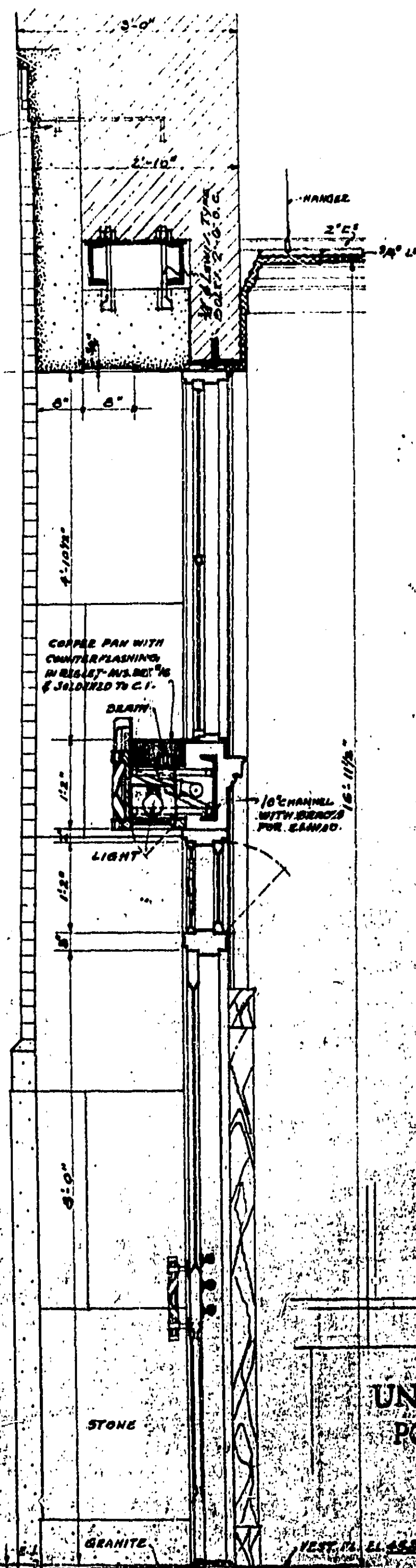
FEDERAL OFFICE BUILDING

INCISED LETTERS

STONE



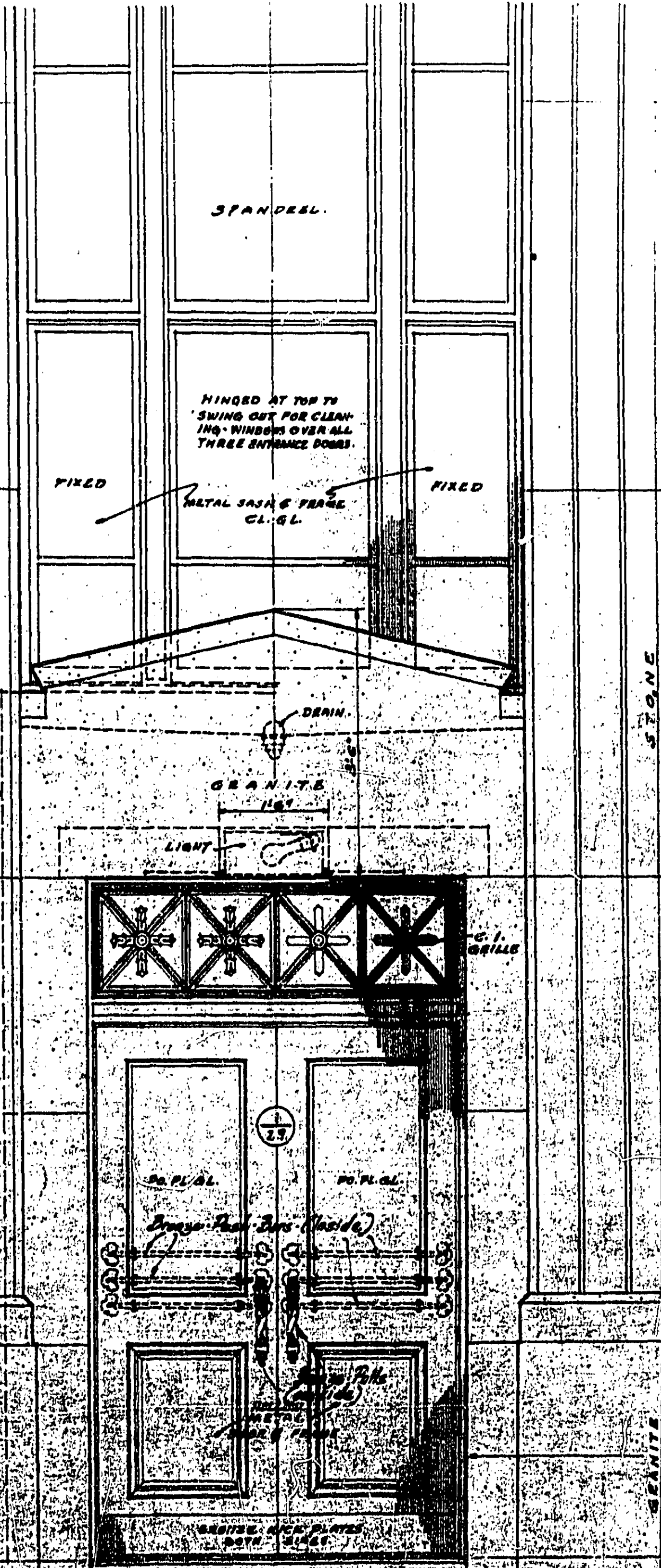
ELEVATION



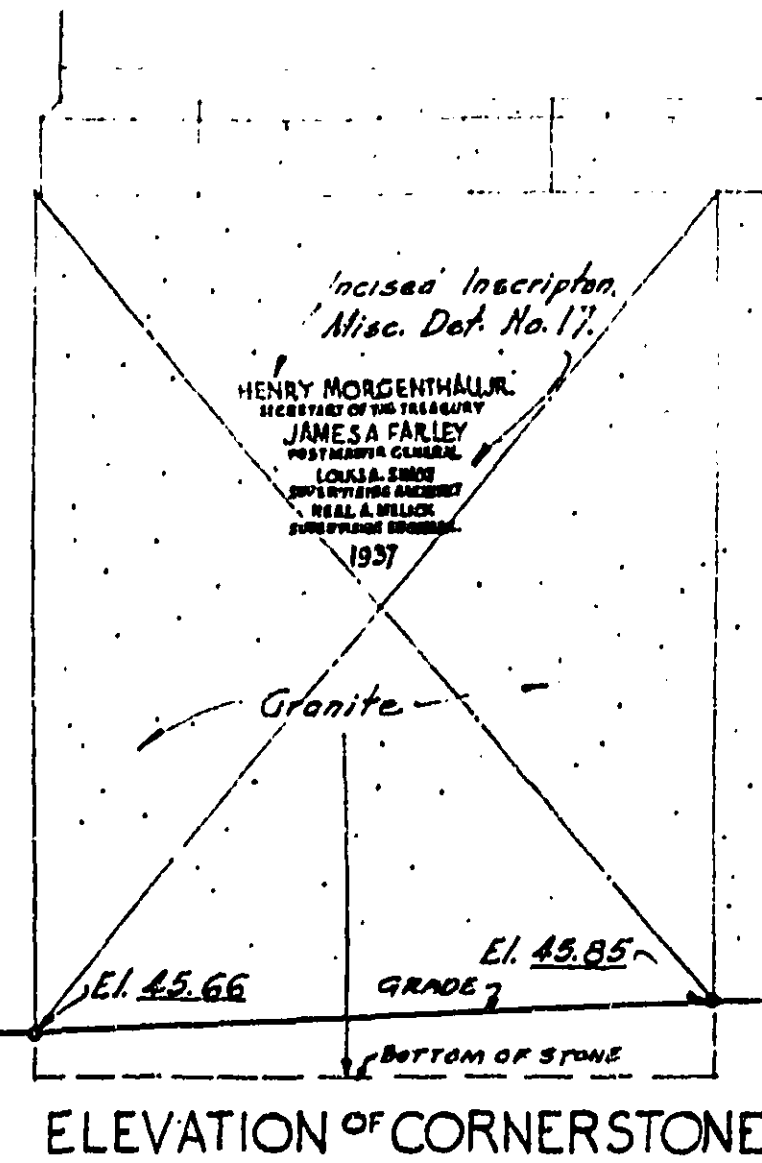
SECTION

UNITED STATES POST OFFICE

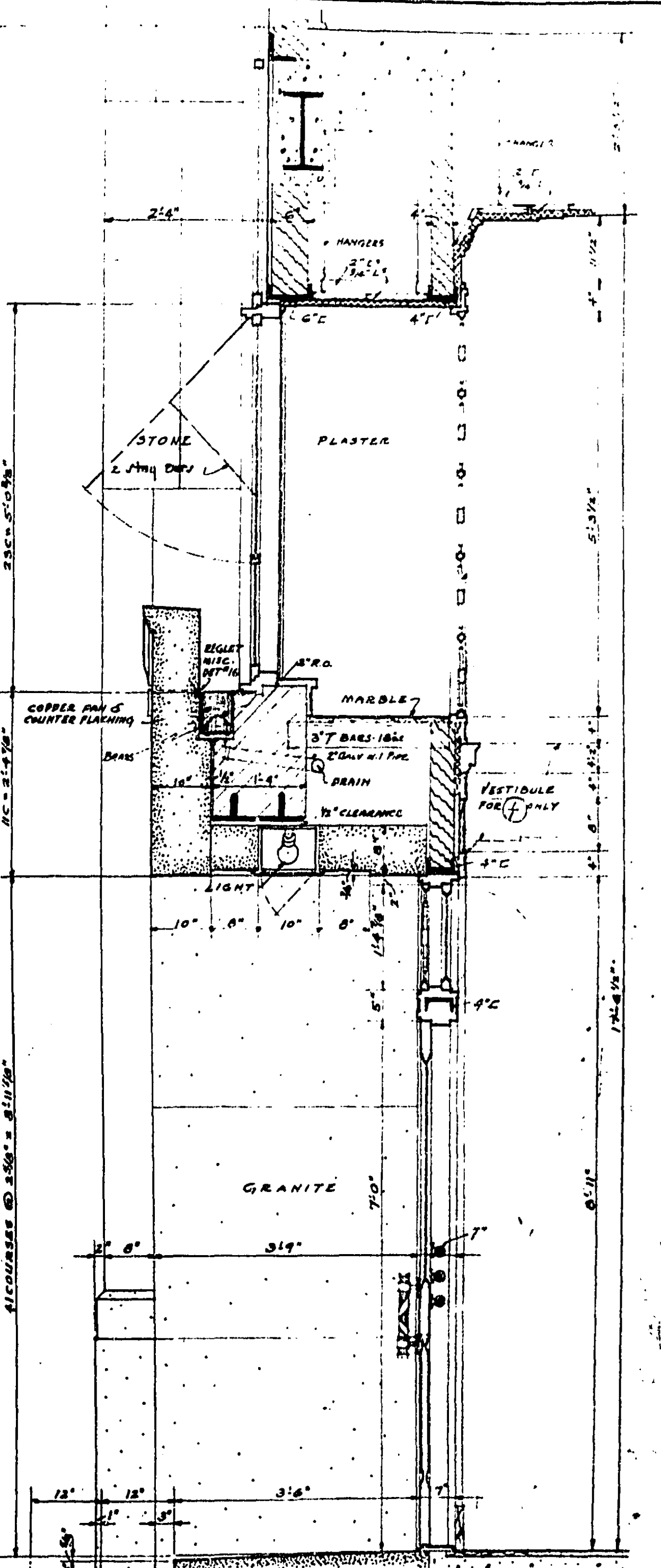
INCISED LETTERS



ELEVATION

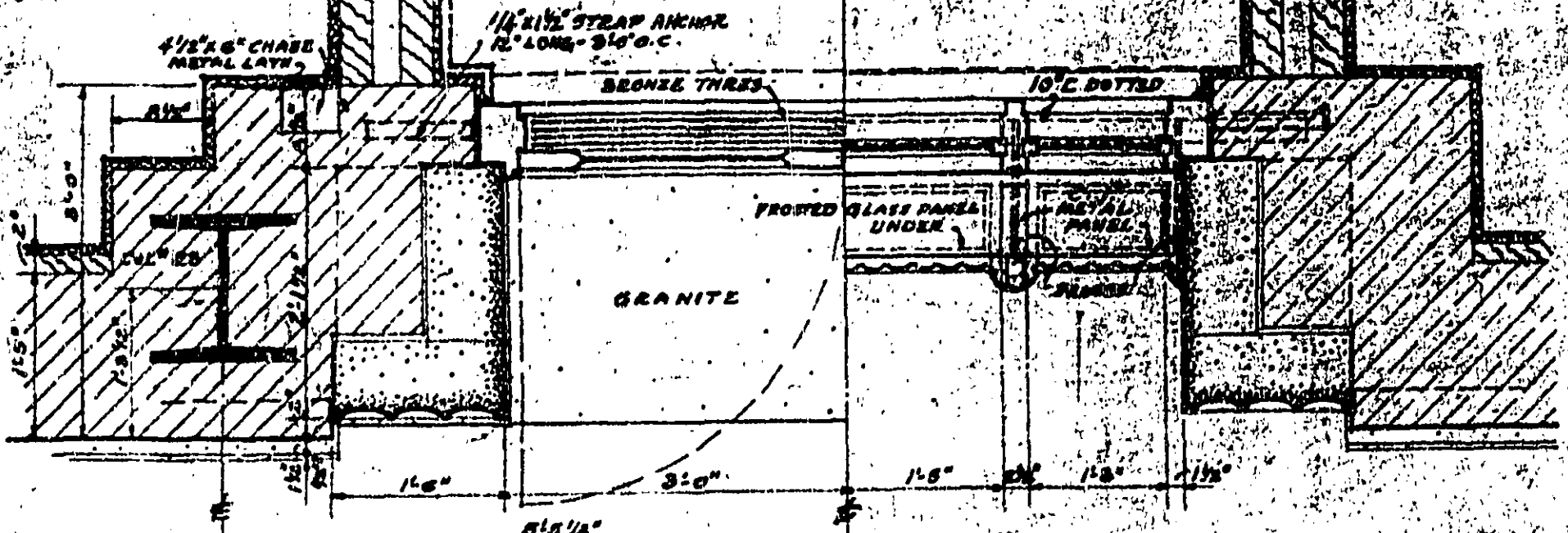


ELEVATION OF CORNERSTONE.



SECTION

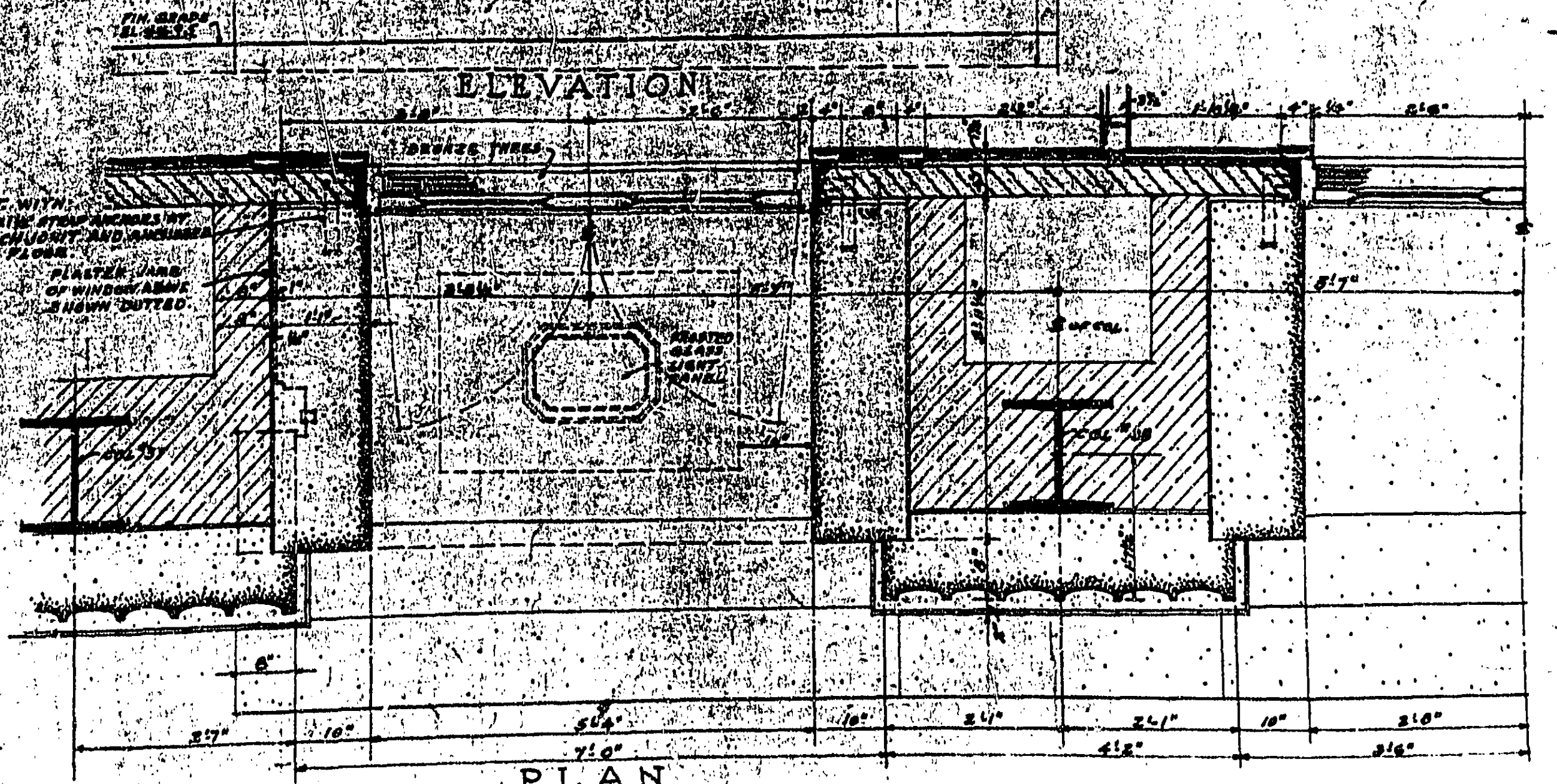
DETAIL OF ENTRANCE NO. 27
ENTRANCES NO. 1 & 2 SIMILAR
SCALE - 3/4" = 1'-0"



PLAN THRU DOOR

PLAN THRU WINDOW

DETAIL OF ENTRANCE NO. 27
SCALE - 3/4" = 1'-0"



PLAN

EXTERIOR DETAILS

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

TREASURY DEPARTMENT
PROCUREMENT DIVISION
C. J. PEOPLES, DIRECTOR OF PROCUREMENT

PUBLIC BUILDINGS BRANCH
W. E. RYAN, ASSISTANT DIRECTOR OF PROCUREMENT
LOUIS A. SIMON, SUPERVISING ARCHITECT
NEAL A. MELLIK, SUPERVISING ENGINEER

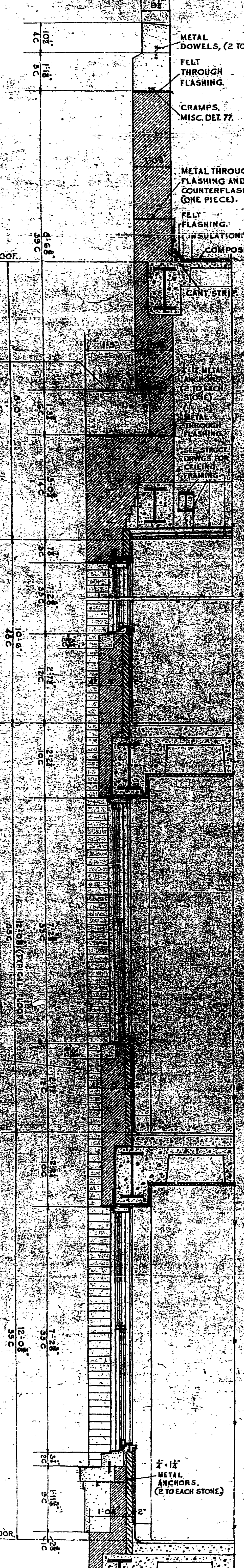
APPROVED
W. G. NOLL, SUPT. OF ARCHITECTURE
N. B. THOMPSON, SUPT. OF STRUCTURAL ENGINEERING
T. C. BROOKS, SUPT. OF ELECTRICAL ENGINEERING

FOR CONCRETE REINFORCEMENT AND SIZE OF STRUCTURAL MEMBERS, SEE STRUCTURAL DRAWINGS.

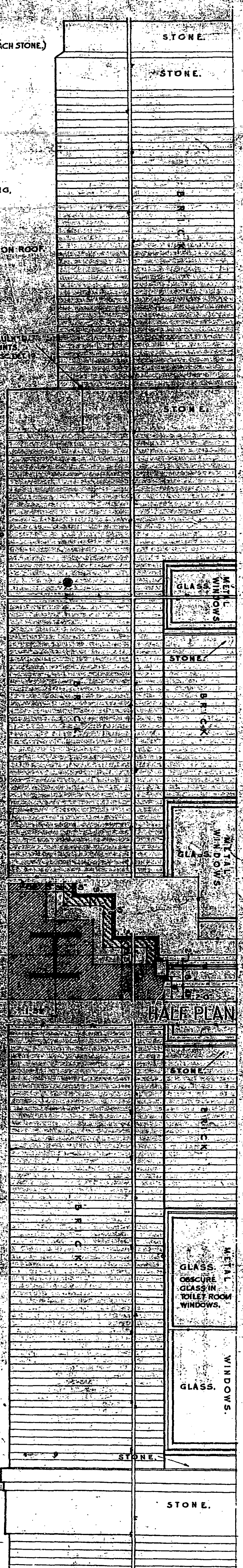
BUILDING: FEDERAL OFFICE BLDG.
CITY: HOUSTON, TEX.
DRAWN BY: H.G. RIEBER, DATE: 1-22-37
CHECKED BY: C.R.J., DATE: 1-22-37
DRAWING No. 201

TRASURY DEPARTMENT
PROCUREMENT DIVISION
 C. J. PETERSON, ASSISTANT DIRECTOR OF PROCUREMENT
 W. E. REYNOLDS, ASSISTANT DIRECTOR OF PROCUREMENT
 APPROVED: H. S. THOMAS, CHIEF ARCHITECT
 T. C. ANDERSON, ARCHITECT

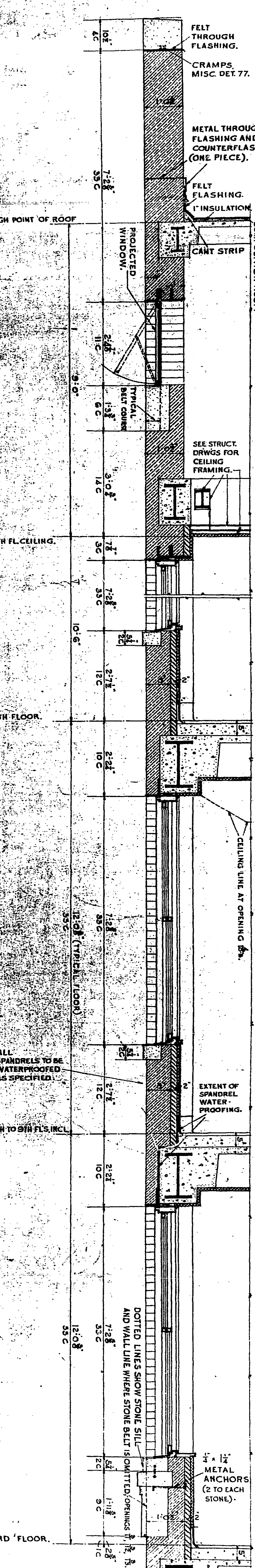
EXTERIOR DETAILS
 SCALE 3/4"=1'-0"



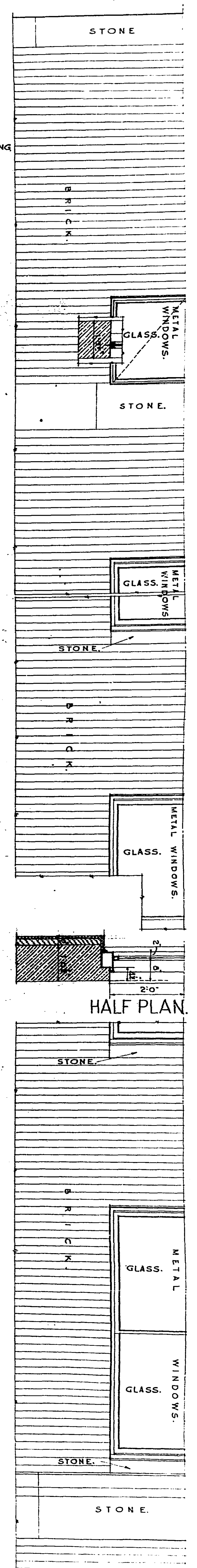
SECTION THRO BRICK SPANDRELS.
 NOTE: WINDOWS IN BRICK SPANDRELS - REAR AND SIDE ELEV'S, TO BE GLAZED WITH WIRE PLATE GLASS.



PART ELEVATION SHOWING BRICK SPANDRELS.
 NOTE: WINDOWS IN BRICK SPANDRELS - REAR AND SIDE ELEV'S, TO BE GLAZED WITH WIRE PLATE GLASS.



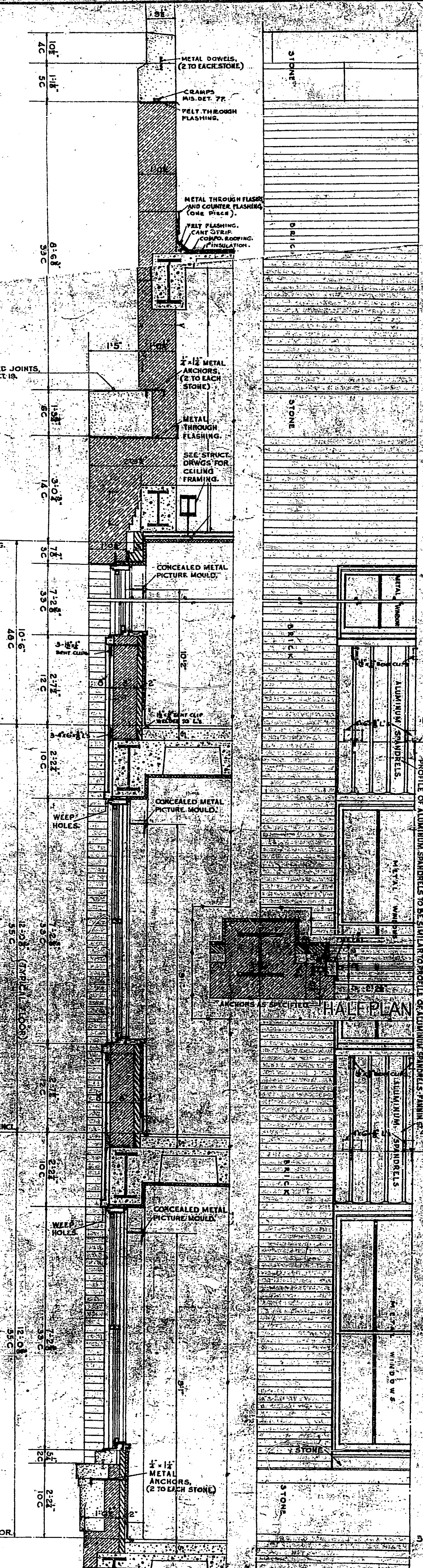
SECTION THRO WINDOWS - REAR & SIDE ELEV'S IN DRIVEWAY COURT.



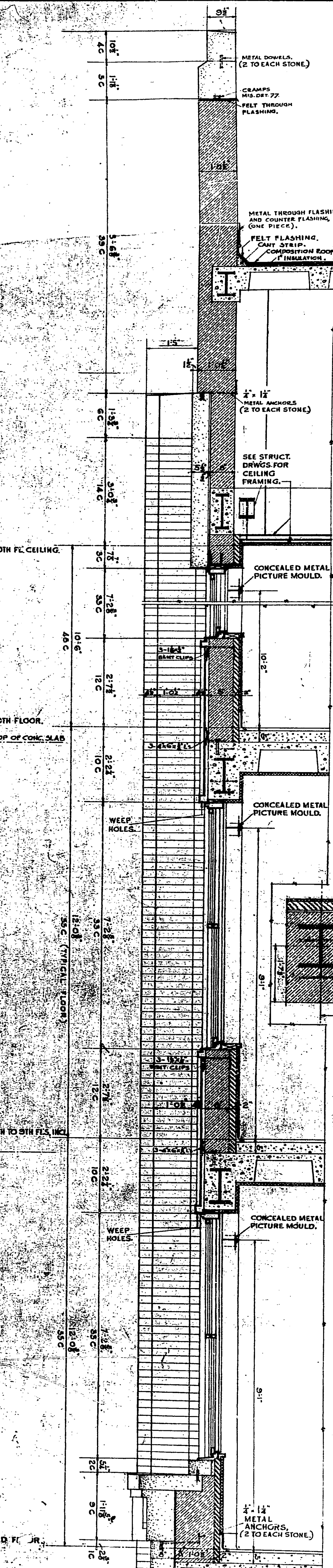
HALF ELEVATION WINDOWS - DRIVEWAY COURT.

ALL SPANDRELS TO BE WATERPROOFED AS SPECIFIED.
 NOTE: WHERE PLASTER AT HEADS OF WINDOWS OR DOORS IS IN CONTACT WITH BOTTOM OF STEEL L, SIZE OF STRUCTURAL MEMBER, SEE METAL LATH SHALL BE APPLIED TO BOTTOM OF L.
 NOTE: FOR EXTERIOR MATERIALS FINISHES, PAINTING, ETC. SEE DRWG. 200.
 FOR CONCRETE REINFORCEMENT AND FINISHES, SEE DRWG. 200.
 DRAWING NO. 203.
 DATE 1-27-37

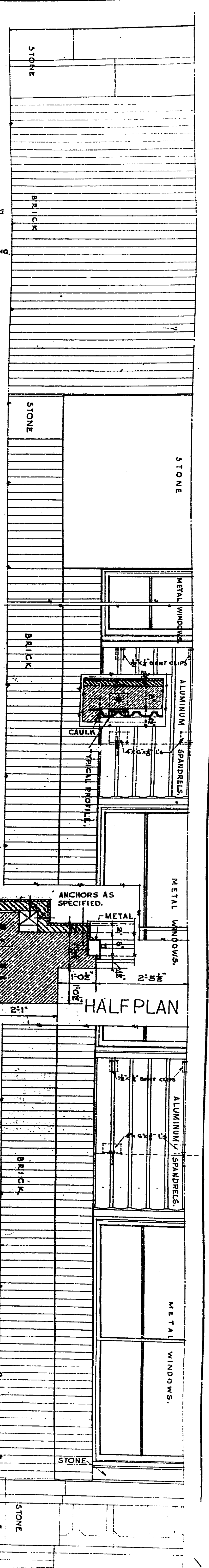
TREASURY DEPARTMENT
PROCUREMENT DIVISION
PUBLIC BUILDINGS BRANCH
 C. J. FRYER, SPECIAL AGENT IN CHARGE
 W. E. KILPATRICK, ARCHITECT
 LOUIS A. SIMON, ARCHITECT
 APPROVED
 N. S. THOMPSON, ARCHITECT
 T. C. BRADY, ARCHITECT



SECTION THRO' METAL SPANDELS-FRANKLIN AVE. PART ELEVATION FRANKLIN AVE.



SECTION THRO' METAL SPANDELS FANNIN ST. PART ELEVATION FANNIN ST.



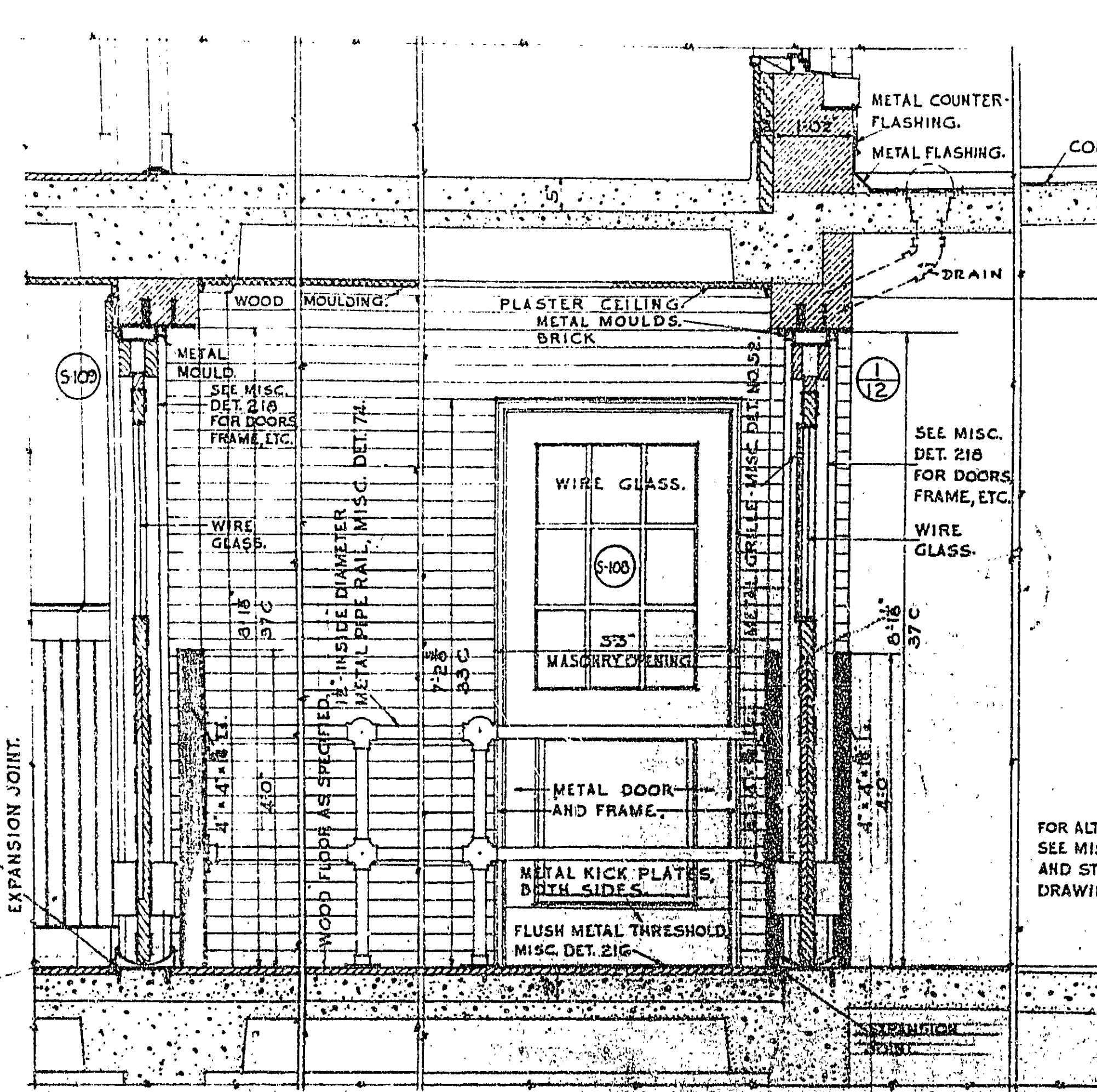
HALF PLAN

EXTERIOR DETAILS.

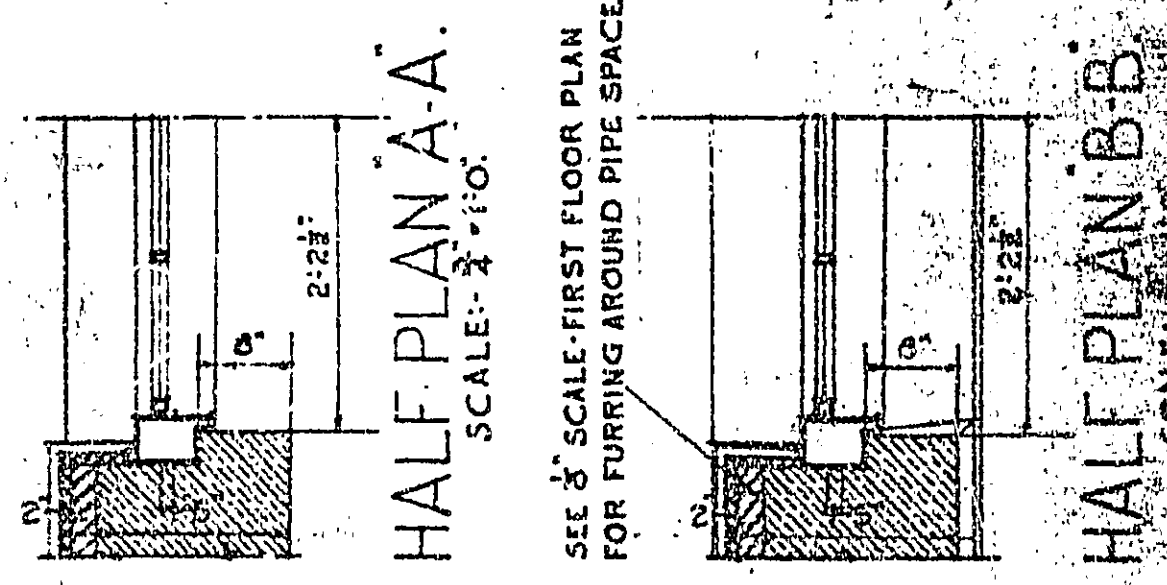
SCALE 3/4"=1'-0"

FOR CONCRETE REINFORCEMENT AND
 SIZE OF STRUCTURAL MEMBERS AND
 STRUCTURAL DRAWINGS.

BUILDING FEDERAL OFFICE BLDG
 HOUSTON, TEXAS
 DATE 1-23-37
 CHECKED BY
 DRAWING No 204

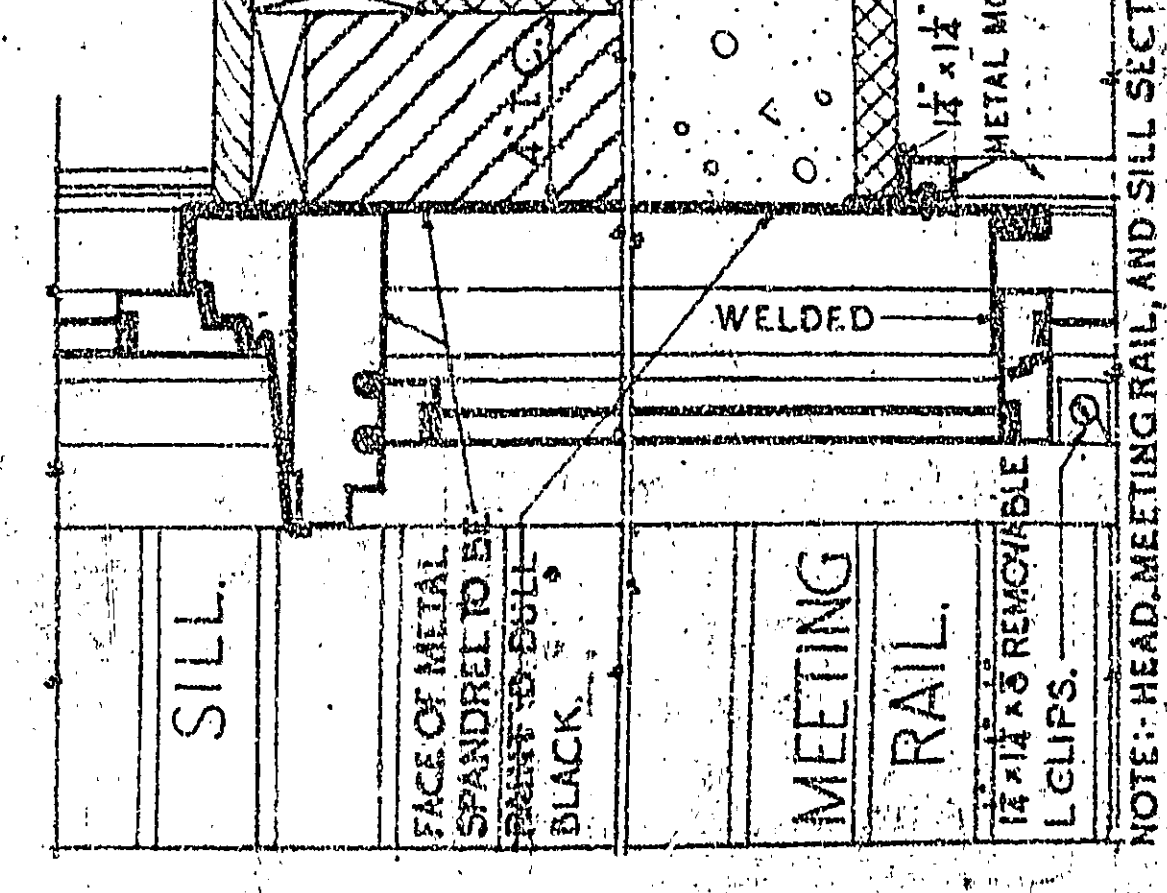


SECTION THRO VESTIBULE AND MAILING PLATFORM.
SCALE: 1/4" = 1'-0"



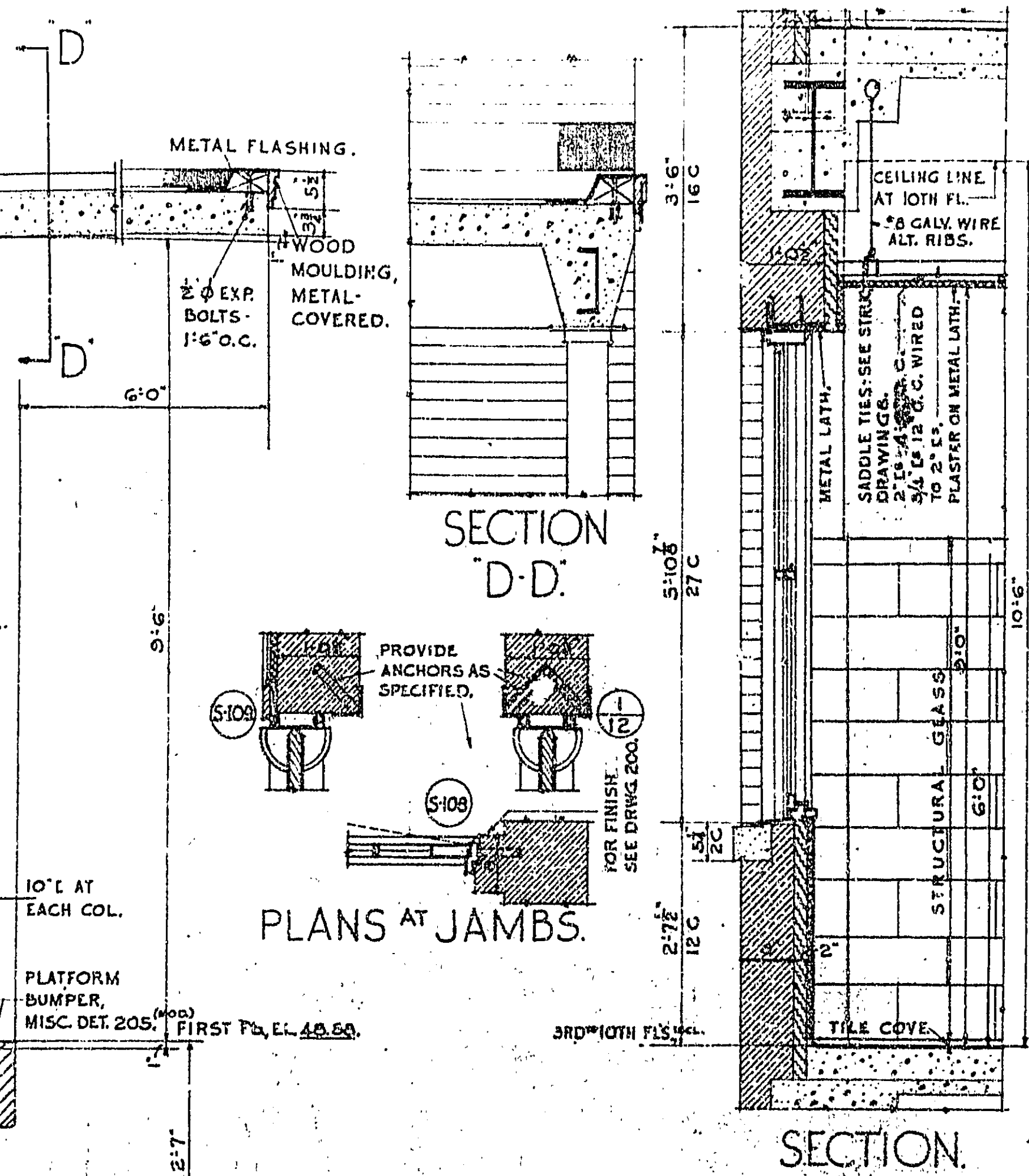
HALF PLAN A-A
SCALE: 1/4" = 1'-0"

HALF PLAN B-B
SCALE: 1/4" = 1'-0"



SPANDREL DETAILS AT MEZZ. FL.
SCALE: 3/4" = 1'-0"

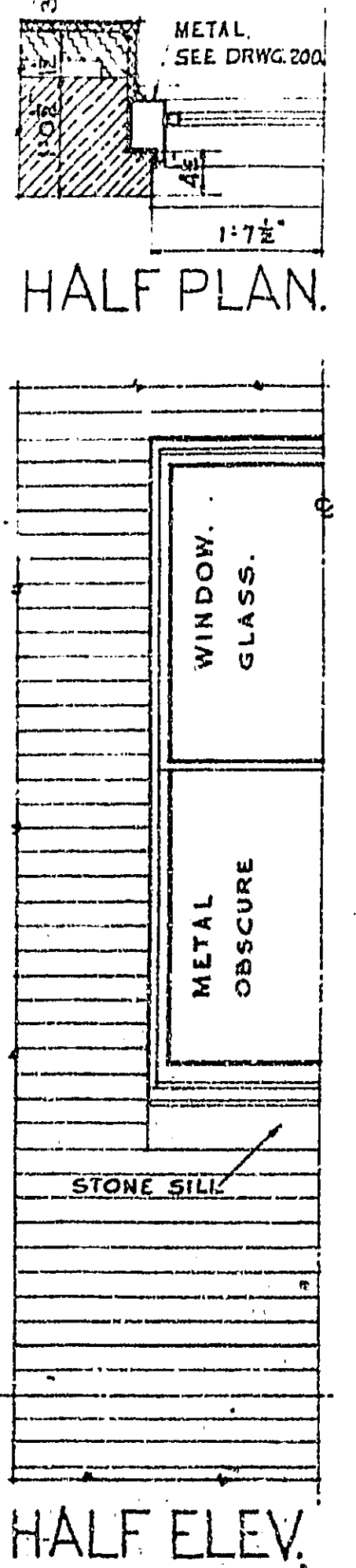
TREASURY DEPARTMENT
PROCUREMENT DIVISION
C. J. FROST, DIRECTOR OF PROCUREMENT
PUBLIC BUILDINGS BRANCH
W. E. REYNOLDS, ASSISTANT DIRECTOR OF PROCUREMENT
LEWIS A. SIMON, ARCHITECT
NEAL A. SZELICK, SUPERVISING ARCHITECT
APPROVED
N. S. THOMPSON, CHIEF OF MECHANICAL ENGINEERING
T. C. BROOKS, CHIEF OF ELECTRICAL ENGINEERING



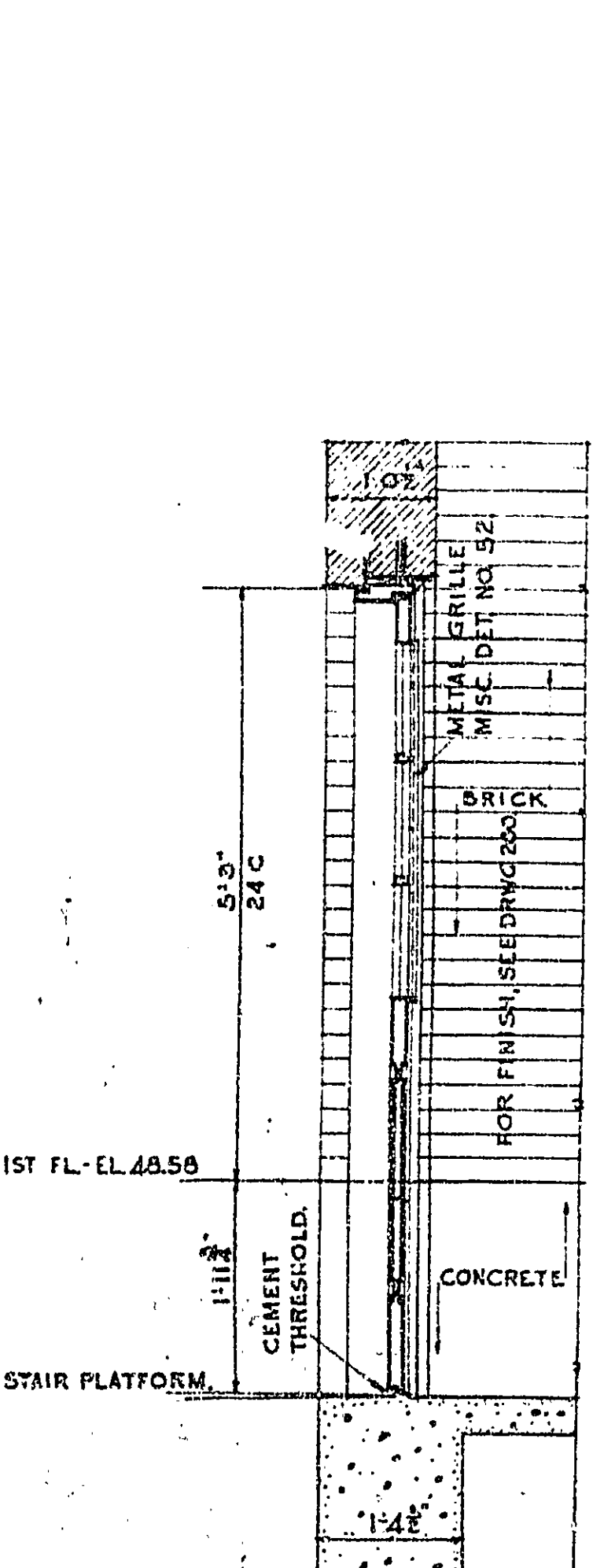
SECTION D-D

PLANS AT JAMBS

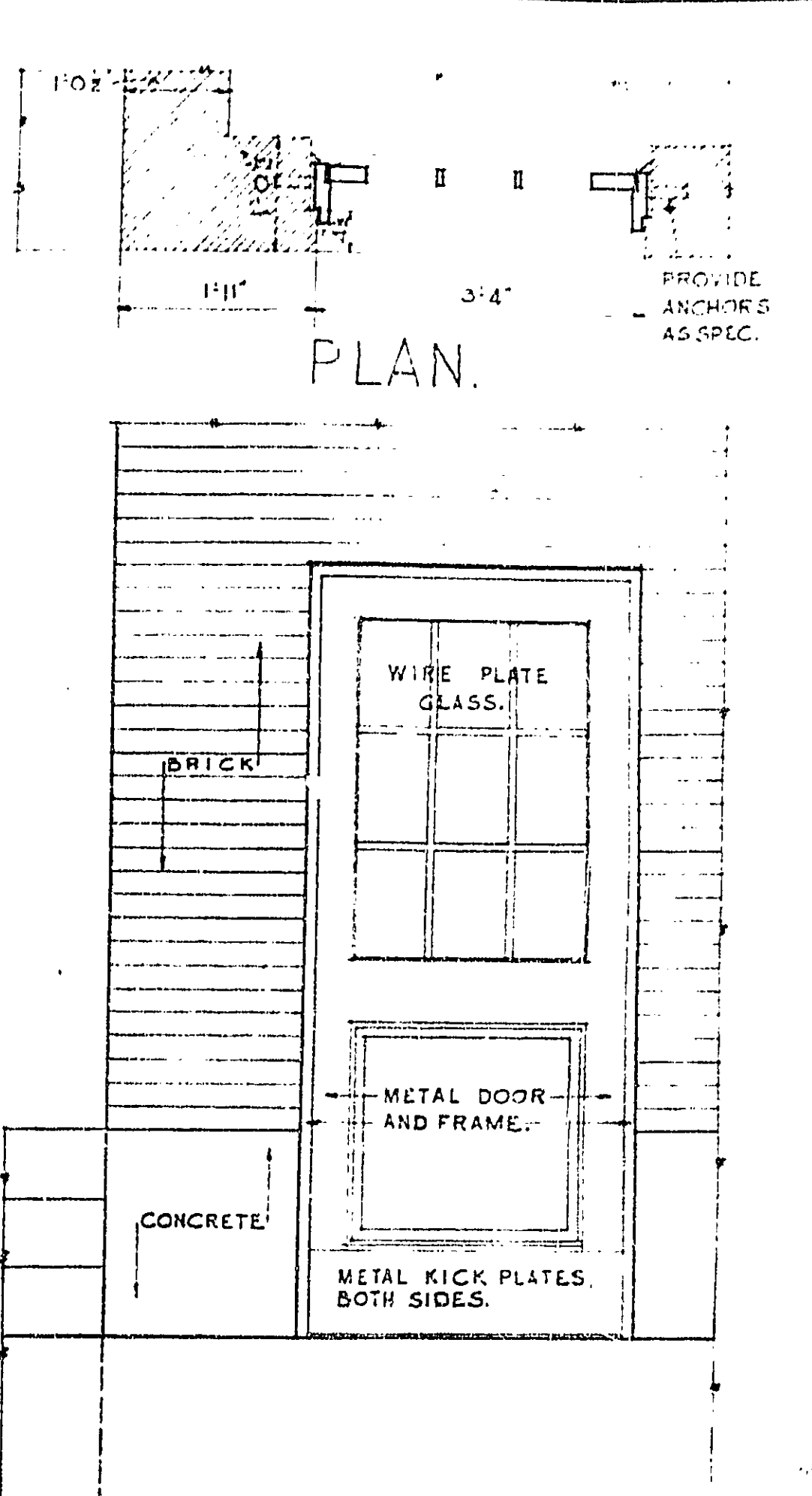
SECTION HALF ELEV. DETAILS OF WINDOWS IN MEN'S TOILET RM, 3RD TO 10TH FLS, INCL.
SCALE: 1/4" = 1'-0"



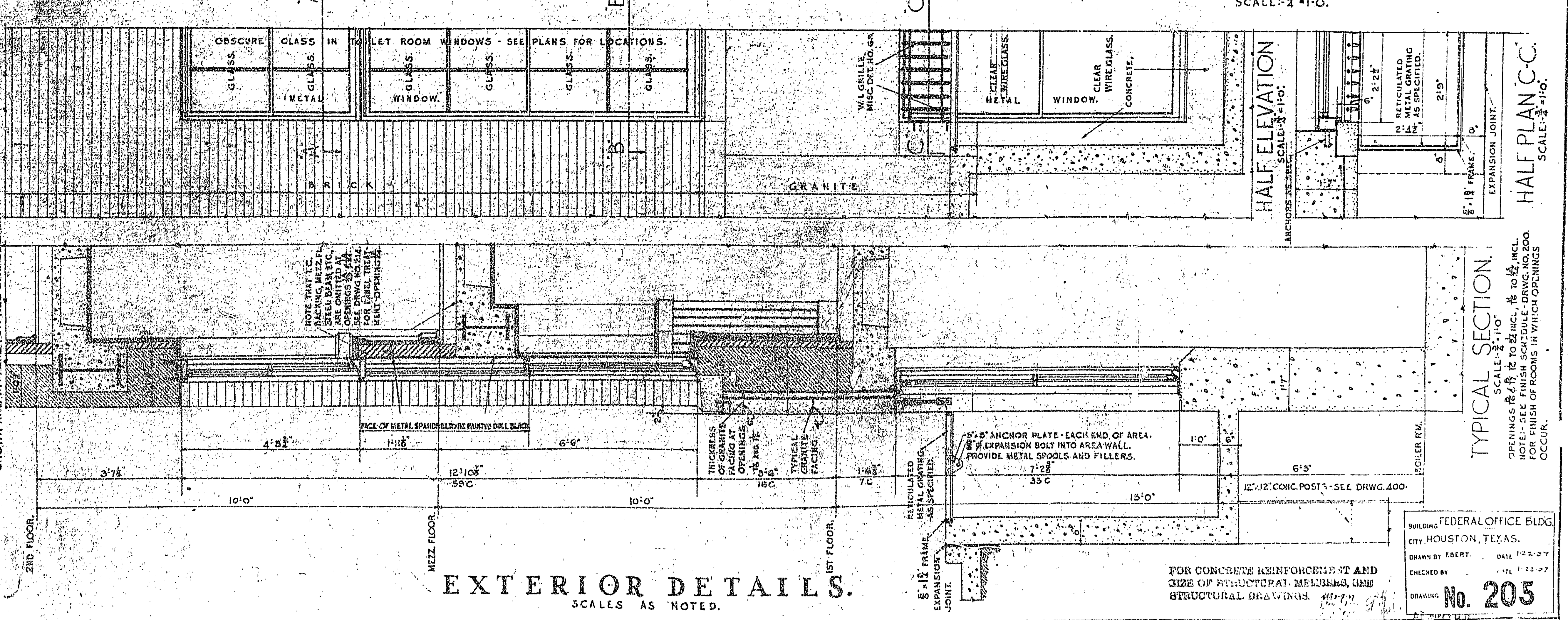
HALF PLAN



SECTION HALF ELEV. DETAILS OF OPENING
SCALE: 1/4" = 1'-0"



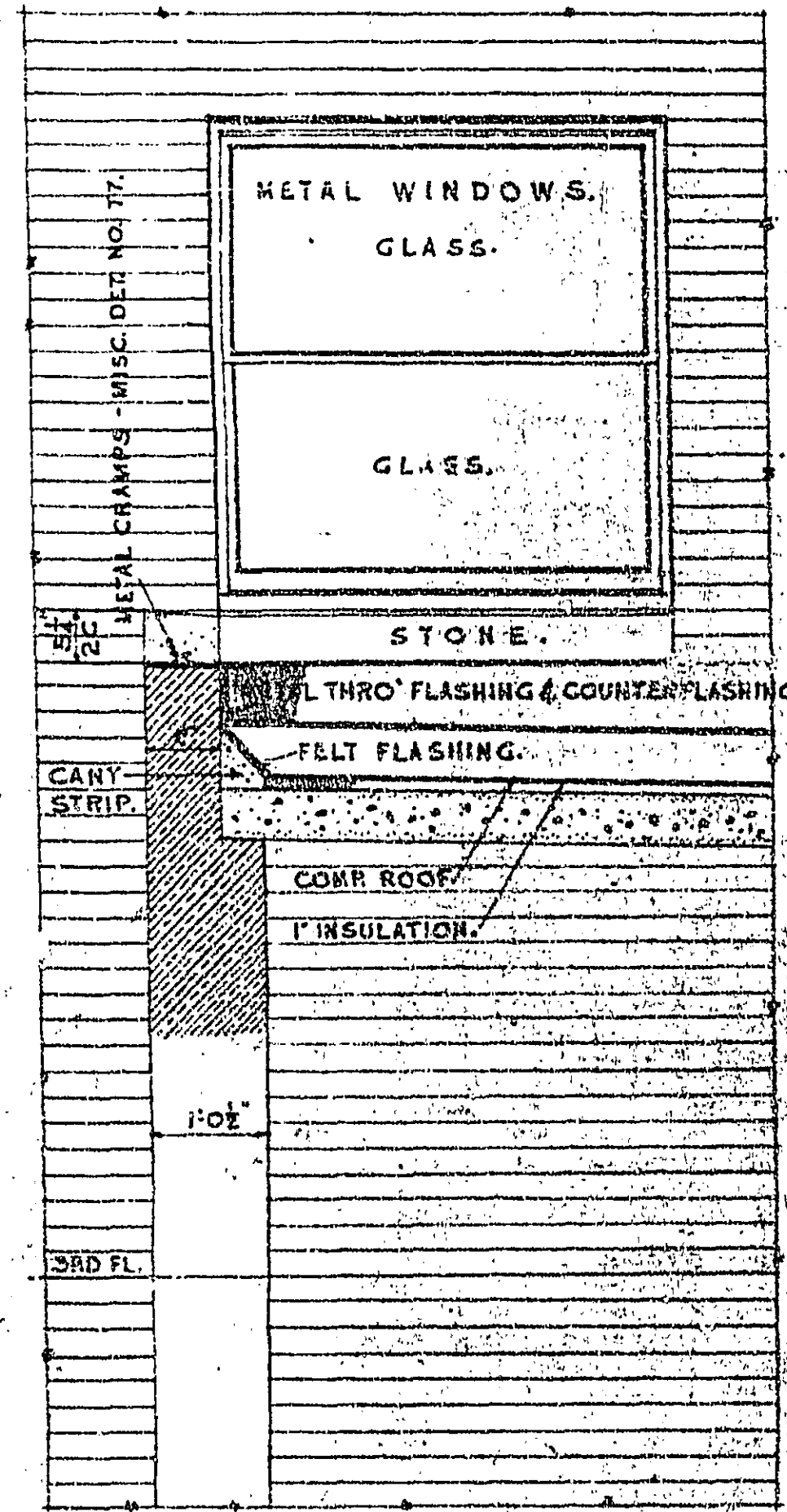
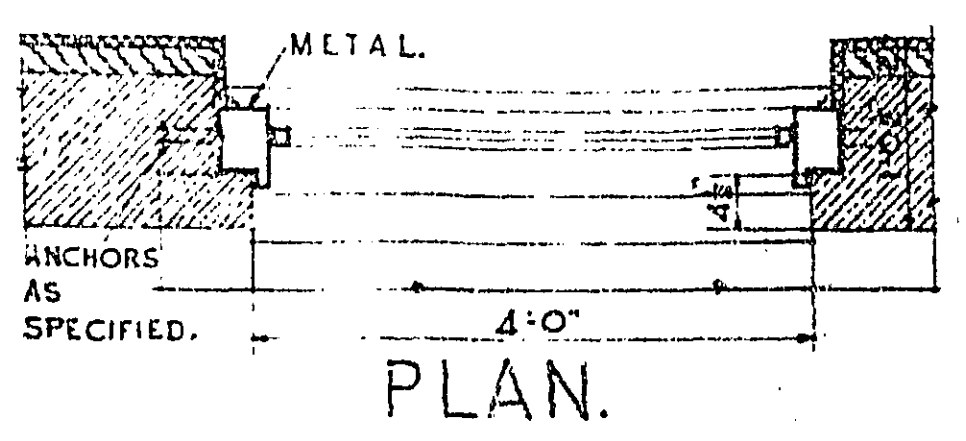
PLAN



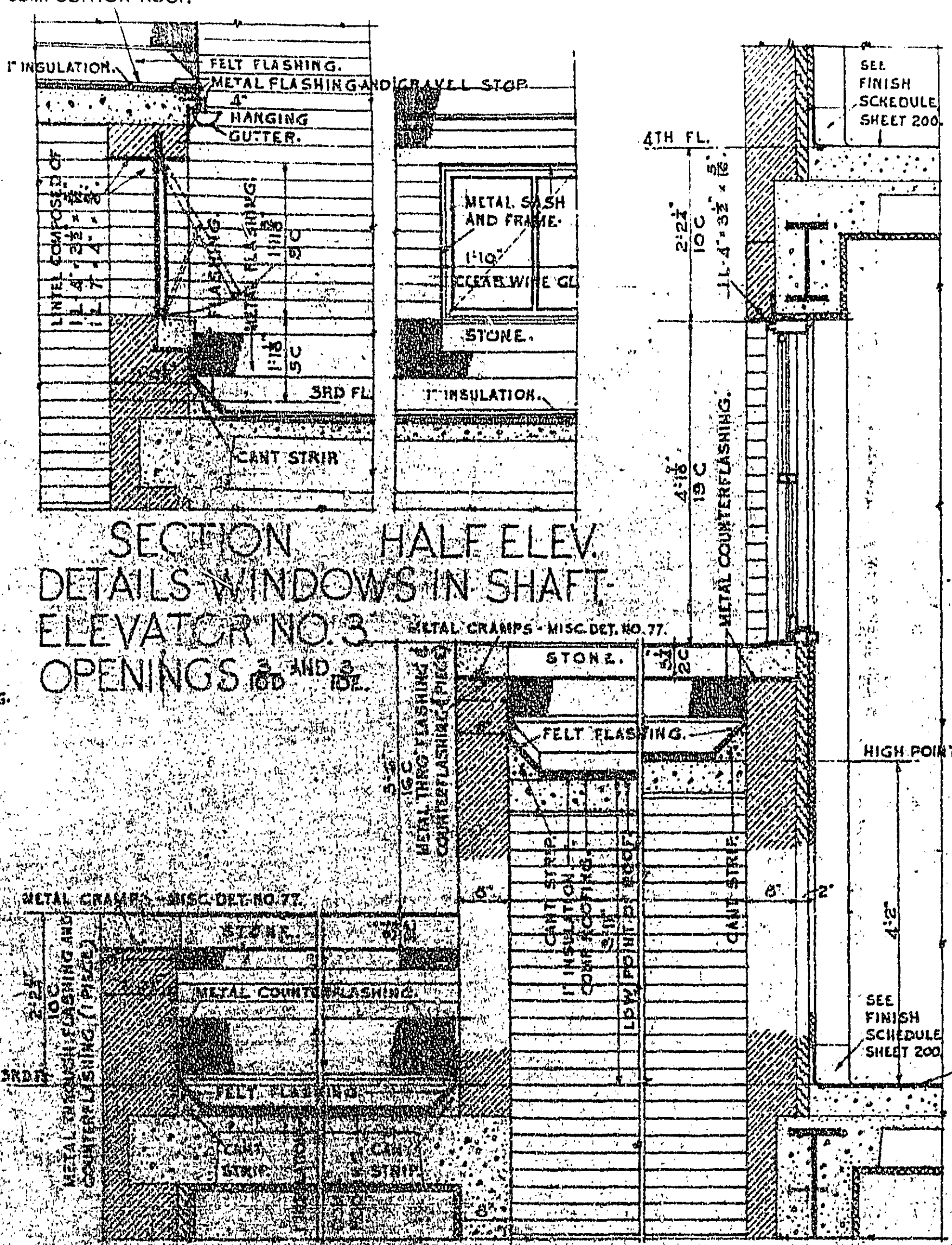
EXTERIOR DETAILS.
SCALES AS NOTED.

FOR CONCRETE REINFORCEMENT AND SIZE OF STRUCTURAL MEMBERS, USE STRUCTURAL DRAWING.

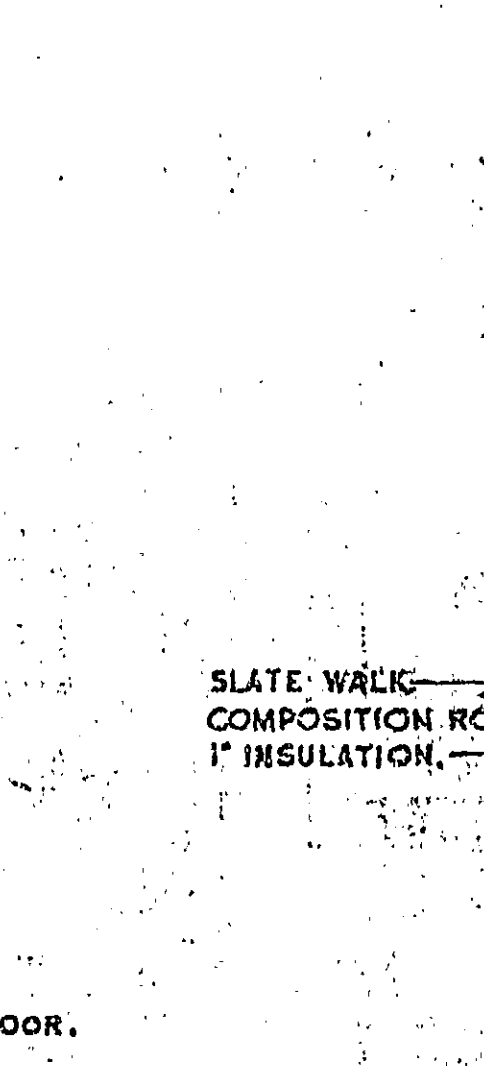
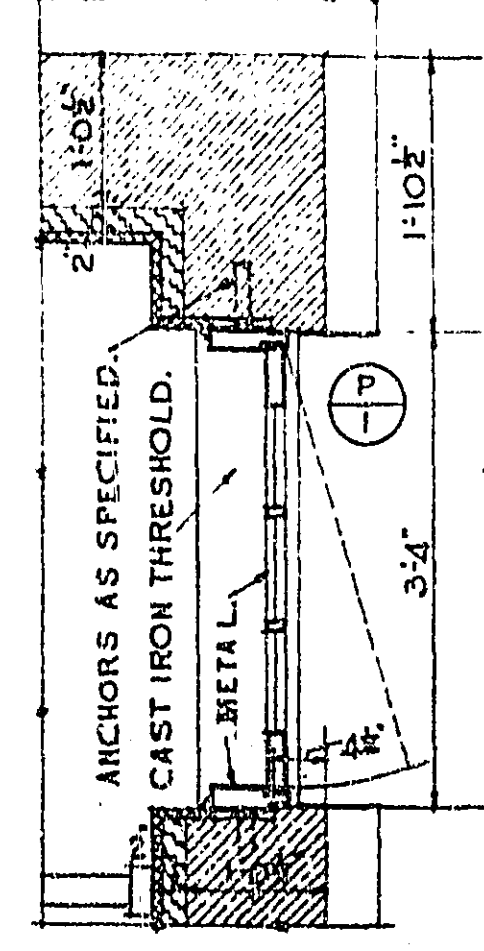
BUILDING FEDERAL OFFICE BLDG.
CITY HOUSTON, TEXAS.
DRAWN BY EDERT. DATE 1-22-27
CHECKED BY DATE 1-22-27
DRAWING No. 205



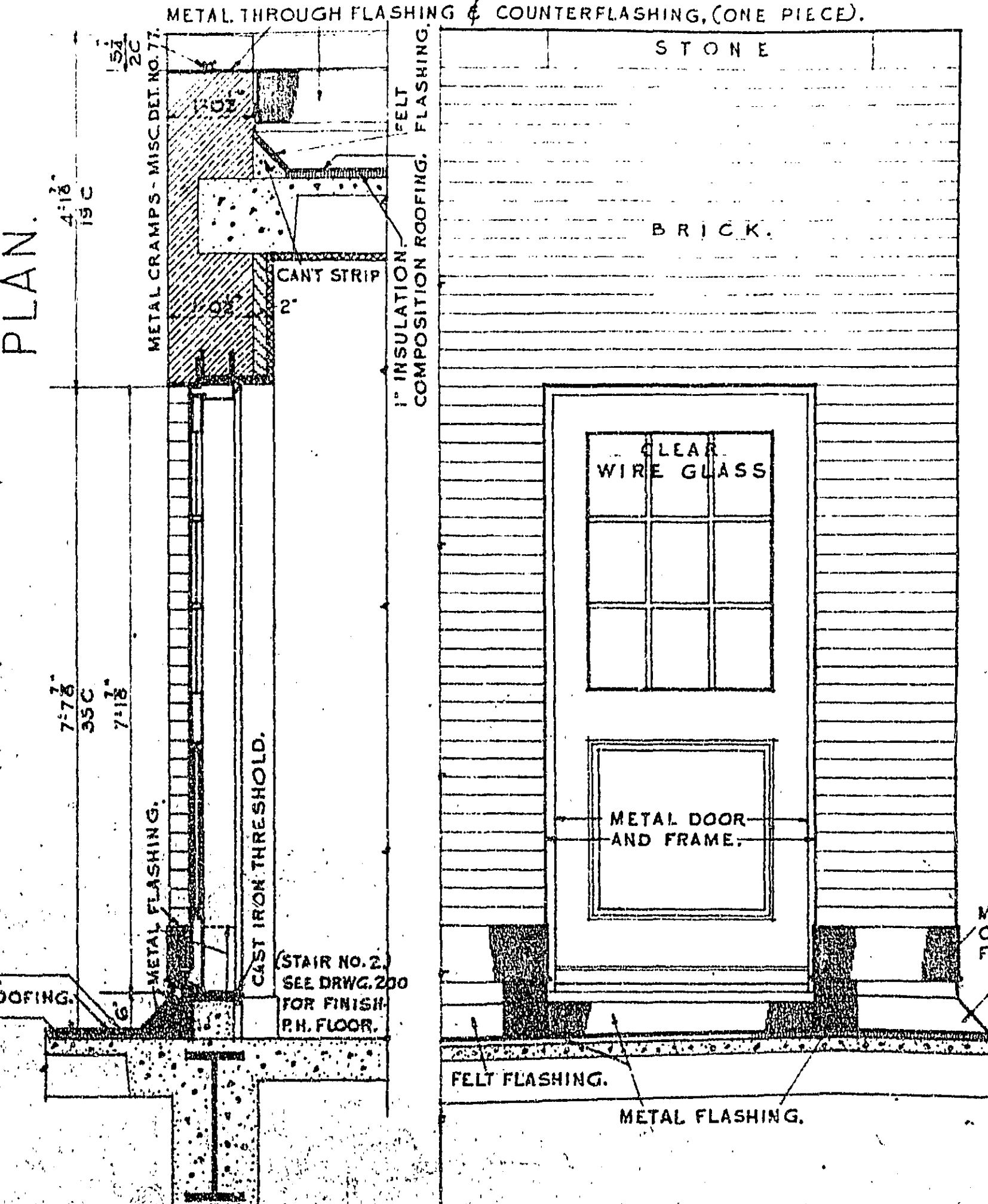
SECTION THRO ROOF OF PENTHOUSE-ELEVATOR NO. 3, AND ELEV. OF OPENING 10A. OPENING 10B SIMILAR.



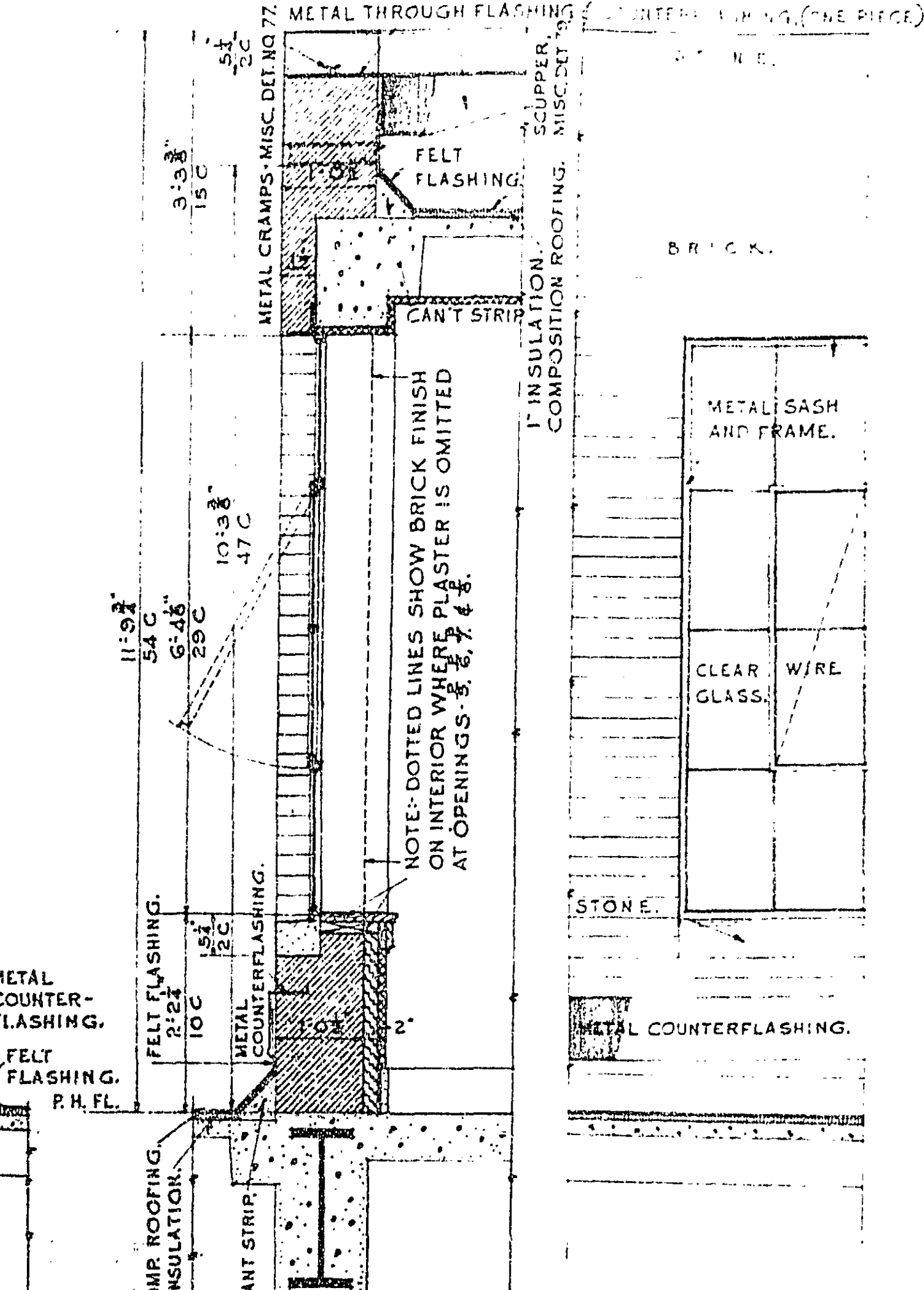
SECTION THRO ROOFS OVER STAIR NO. 3, PENTHOUSE-ELEVATOR NO. 3, AND OPENINGS 10A AND 10B.



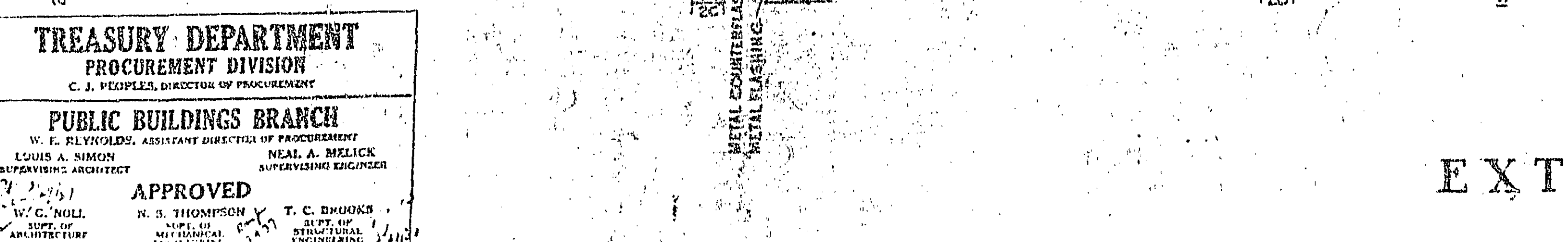
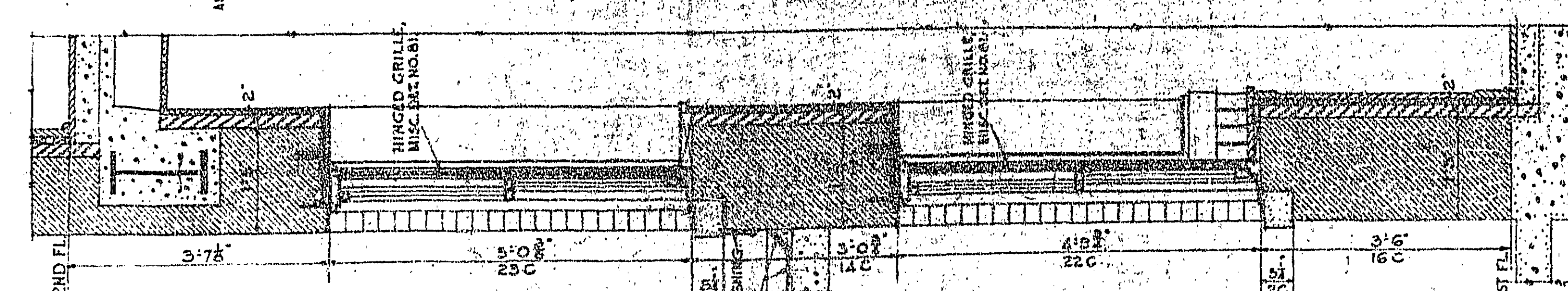
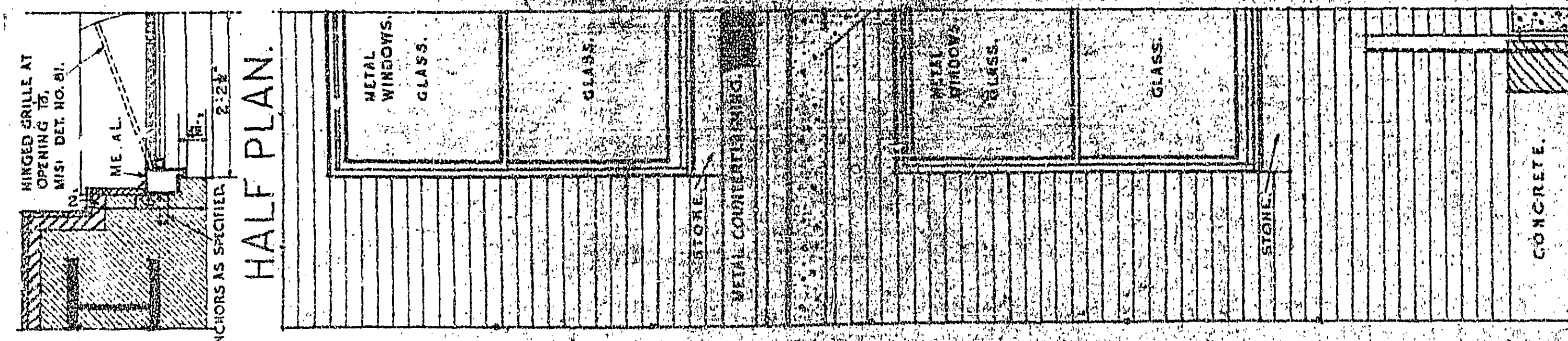
SECTION DETAILS-PENTHOUSE DOOR-OPENING 1.



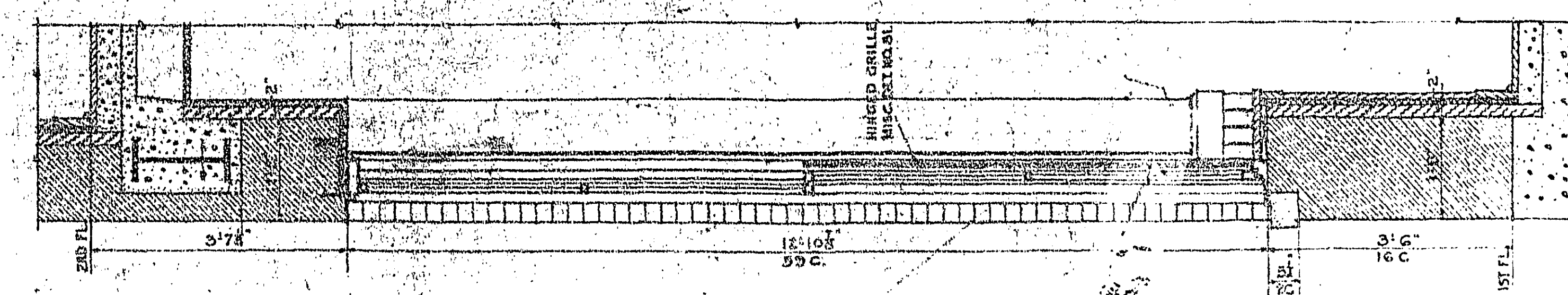
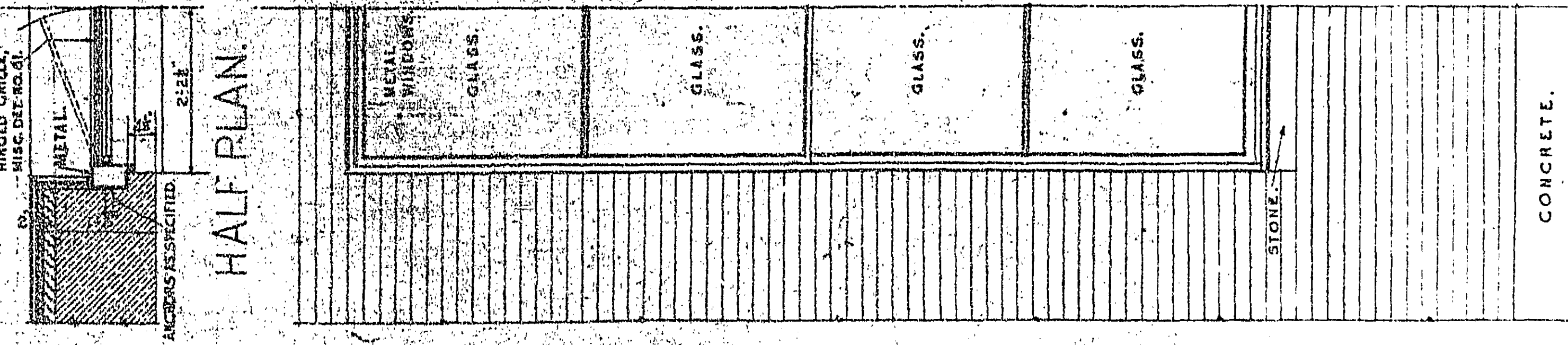
ELEVATION.



SECTION HALF ELEV. DETAILS-PENTHOUSE OPENINGS 2, 3, 4, 5, 6, 7, 8, 9. SIMILAR AS NOTED.



SECTION HALF ELEV. DETAILS OF OPENINGS 15 AND 16.



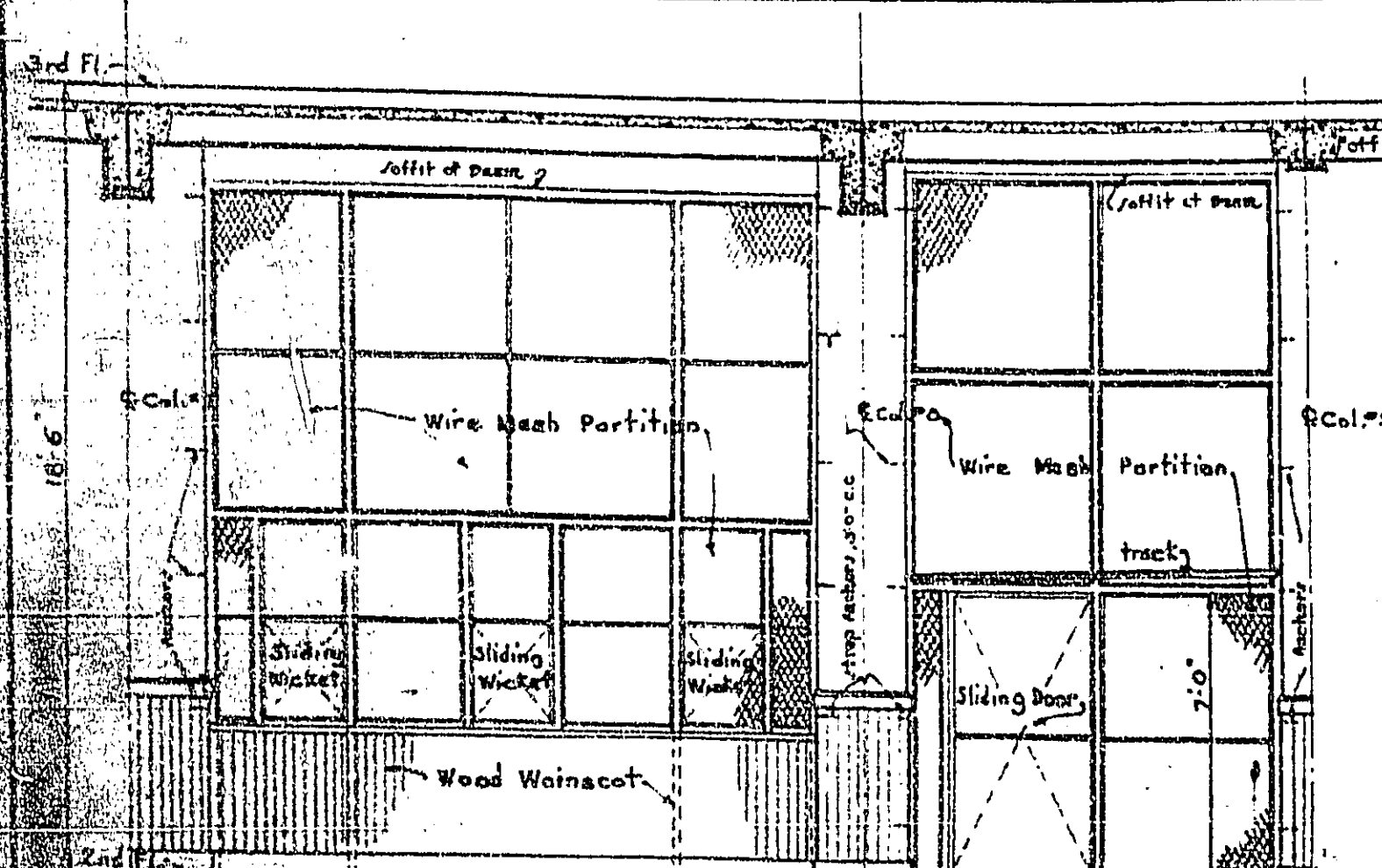
SECTION HALF ELEV. DETAILS OF OPENING 18.

SECTION HALF ELEV. DETAILS OF OPENING 19.

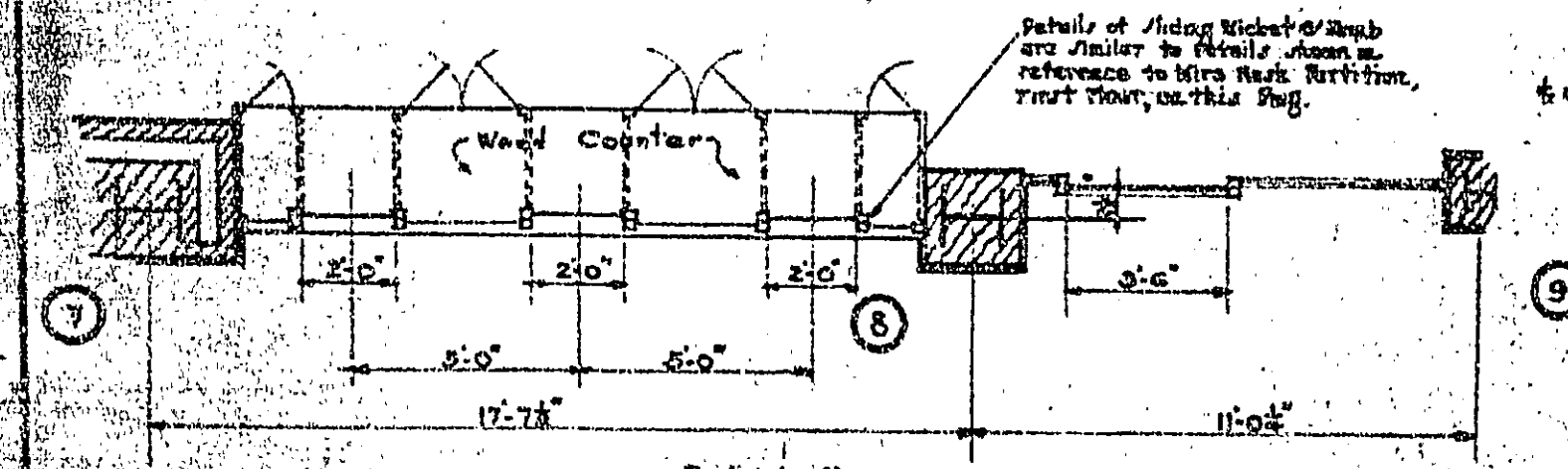
TREASURY DEPARTMENT
PROCUREMENT DIVISION
C. J. VEKPLER, DIRECTOR OF PROCUREMENT
PUBLIC BUILDINGS BRANCH
W. E. RLYNOLDS, ASSISTANT DIRECTOR OF PROCUREMENT
LOUIS A. SIMON, SUPERVISING ARCHITECT
NEAL A. MELICK, SUPERVISING ENGINEER
APPROVED
W. C. NOLL, ARCHITECT
N. S. THOMPSON, SUPERVISOR OF MECHANICAL ENGINEERING
T. C. DRUOKS, SUPERVISOR OF STRUCTURAL ENGINEERING

EXTERIOR DETAILS.
SCALE 3/8"=1'-0"

BUILDING FEDERAL OFFICE BLDG
CITY HOUSTON, TEXAS
DRAWN BY LDERT. DATE 1-22-37
CHECKED BY DATE 1-22-37
REINFORCEMENT AND SIZE OF STRUCTURAL MEMBERS, SEE STRUCTURAL DRAWINGS.
DRAWING No. 206.



FRONT ELEVATION

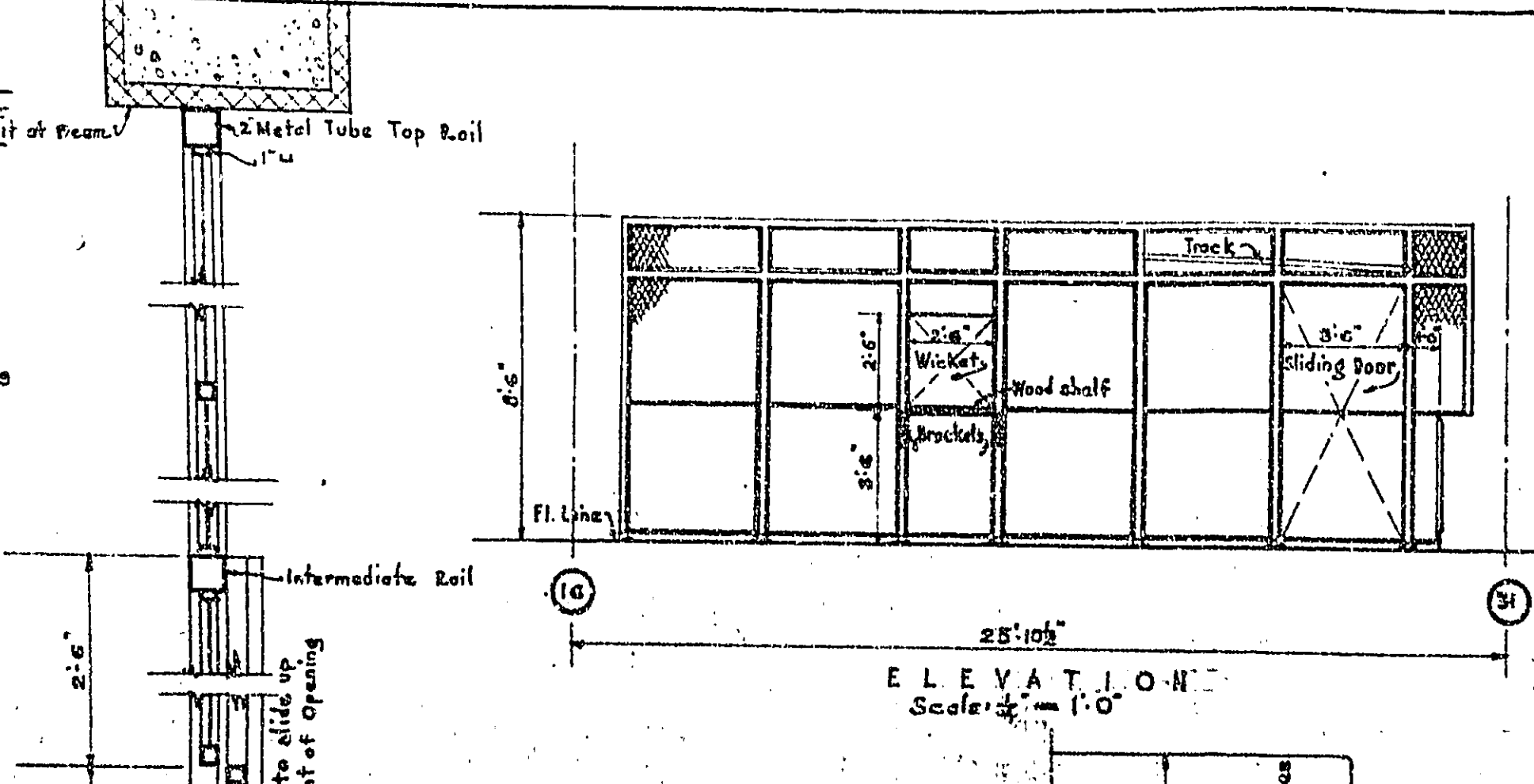


PLAN Scale: 1/4" = 1'-0"

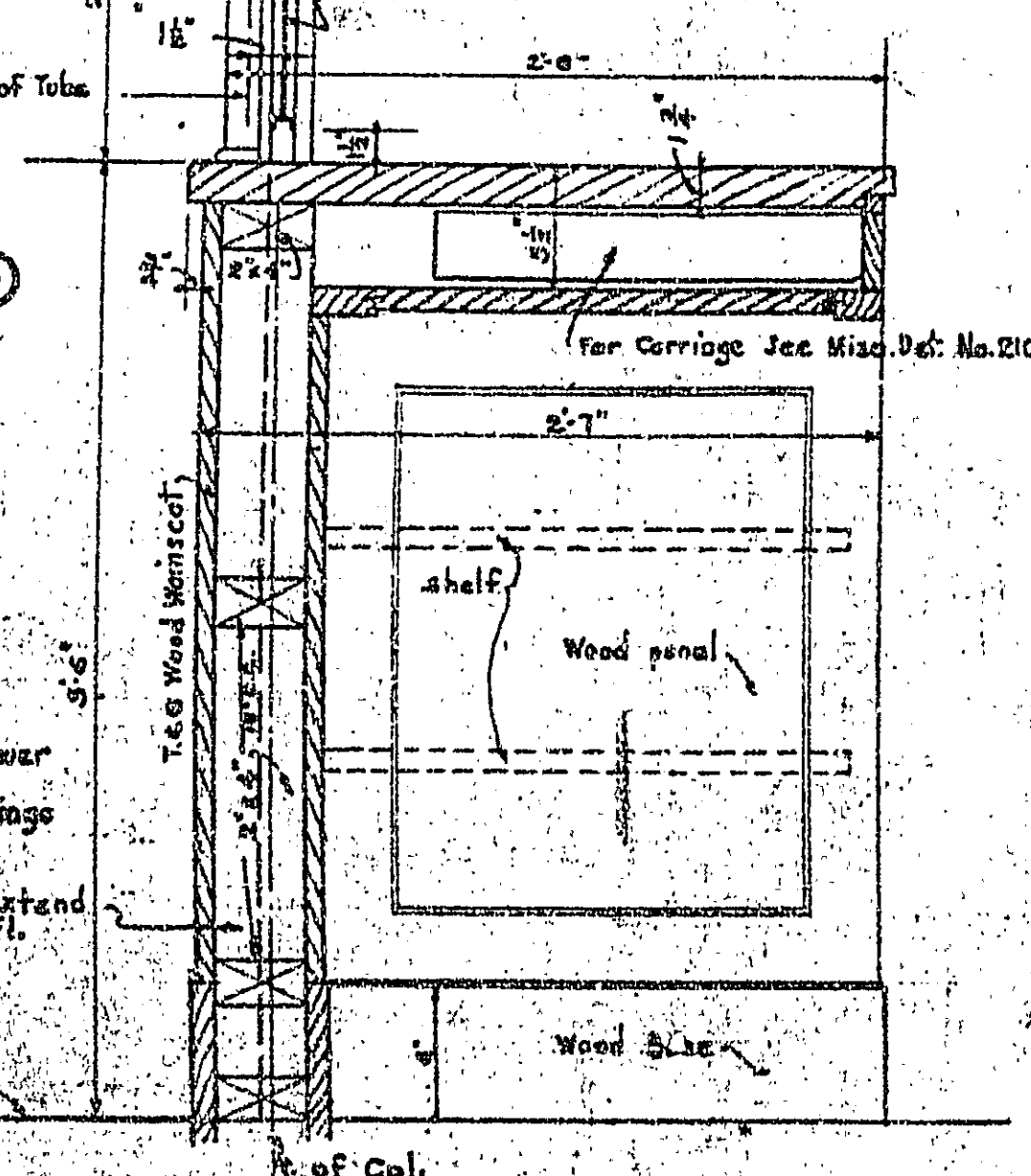


REAR ELEVATION

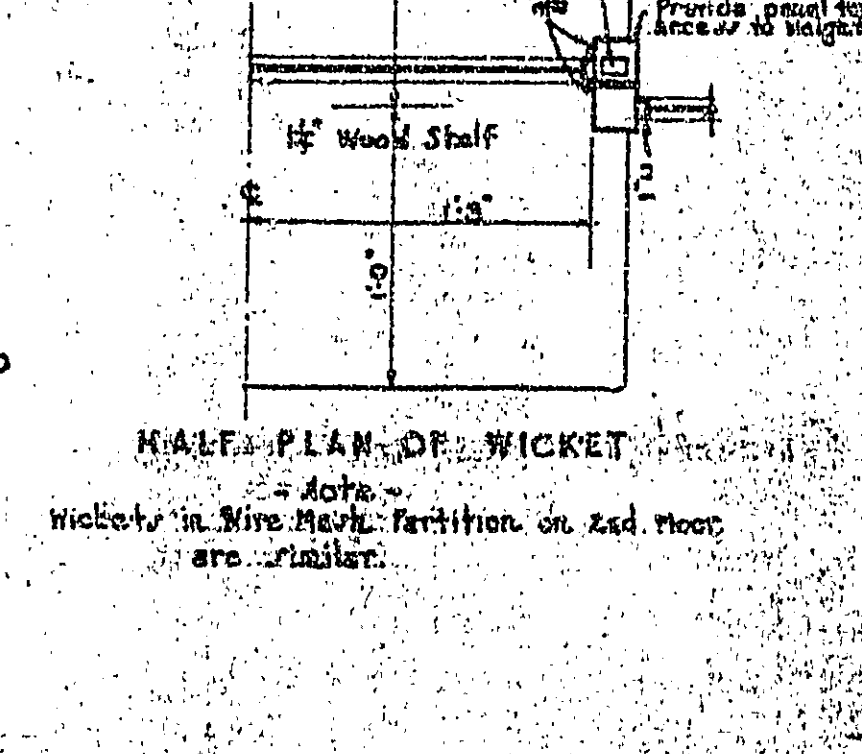
- WIRE MESH PARTITION - 2ND FLOOR -



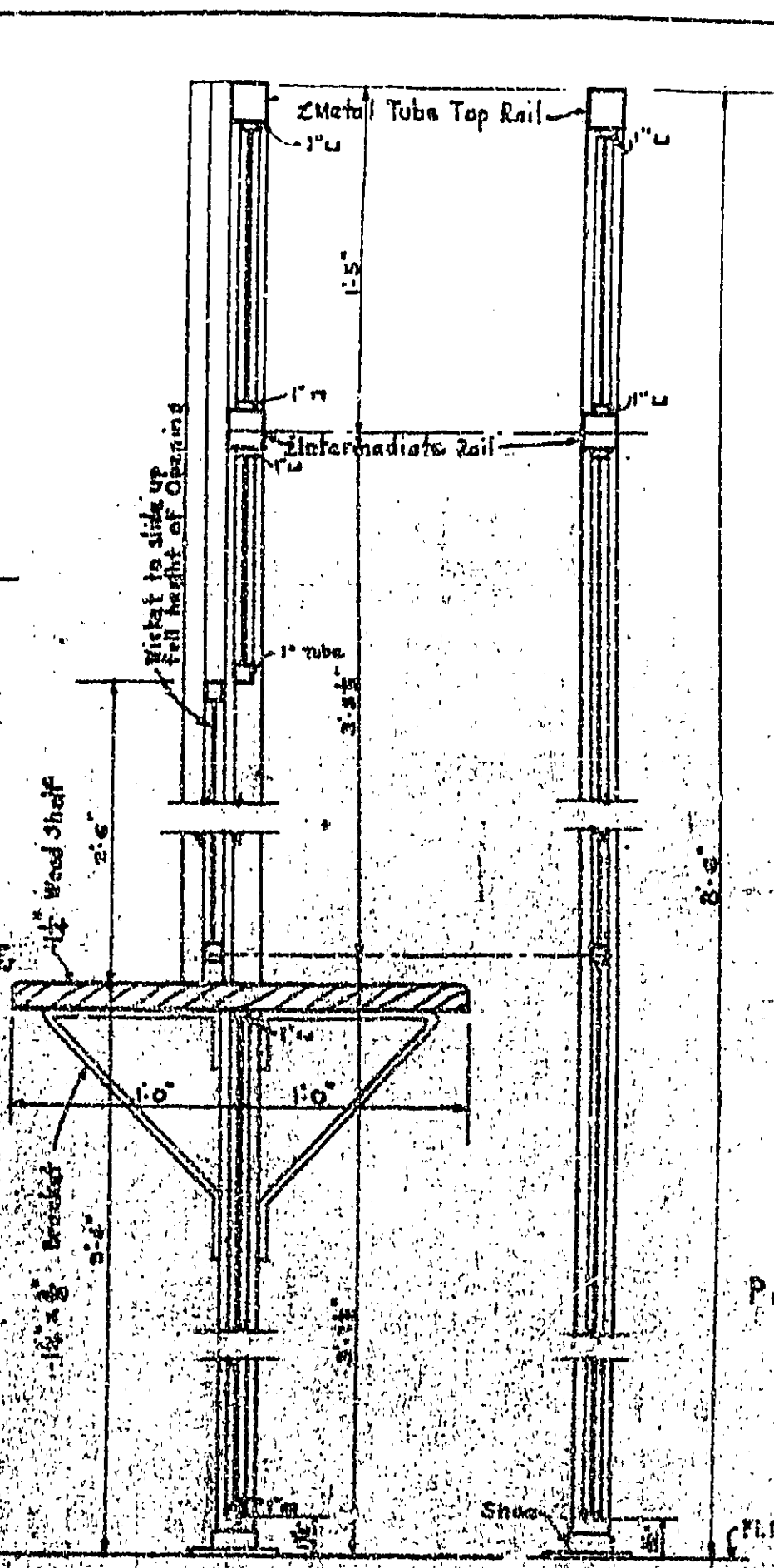
ELEVATION Scale: 1/4" = 1'-0"



SECTION COUNTER & SCREEN Scale: 1/2" = 1'-0"

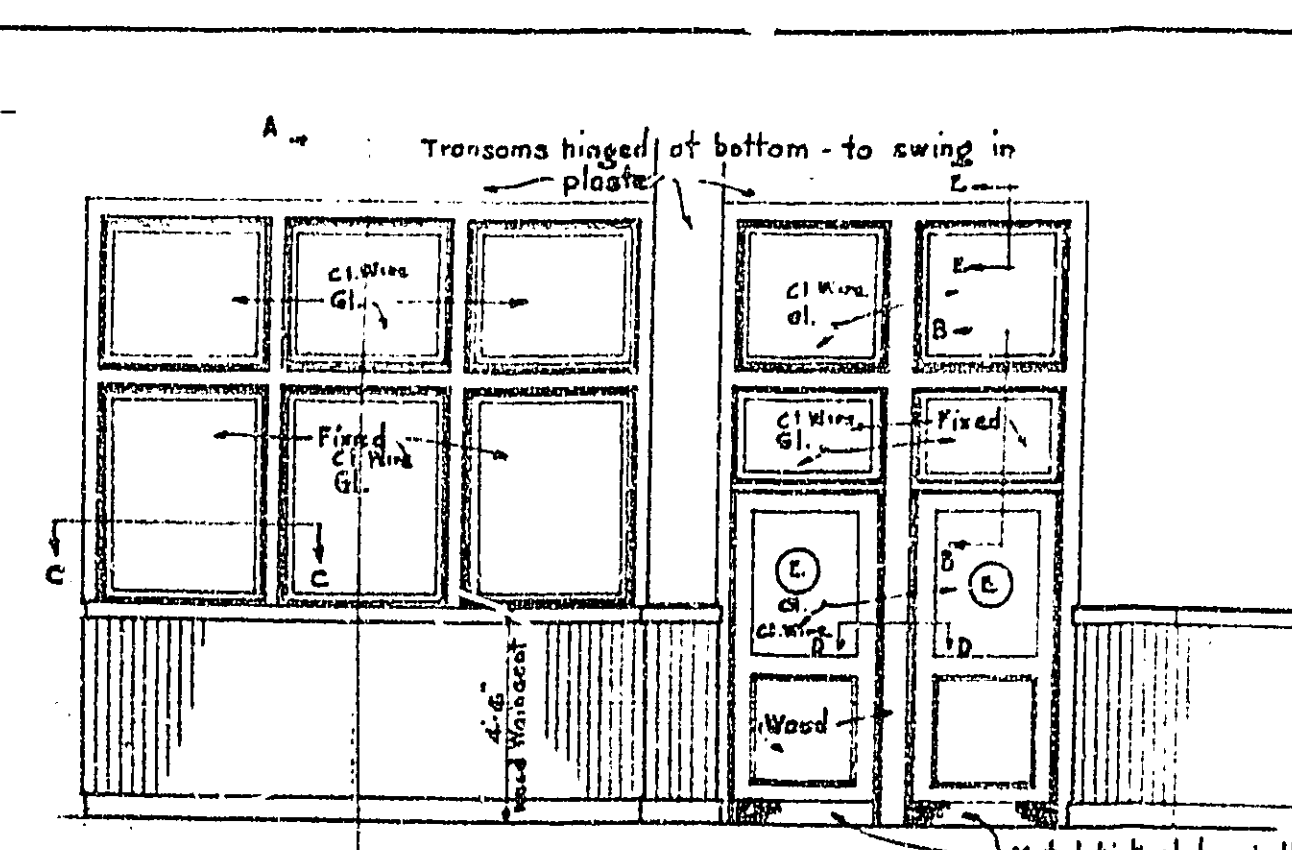


HALF PLAN OF WICKET Scale: 1/2" = 1'-0"

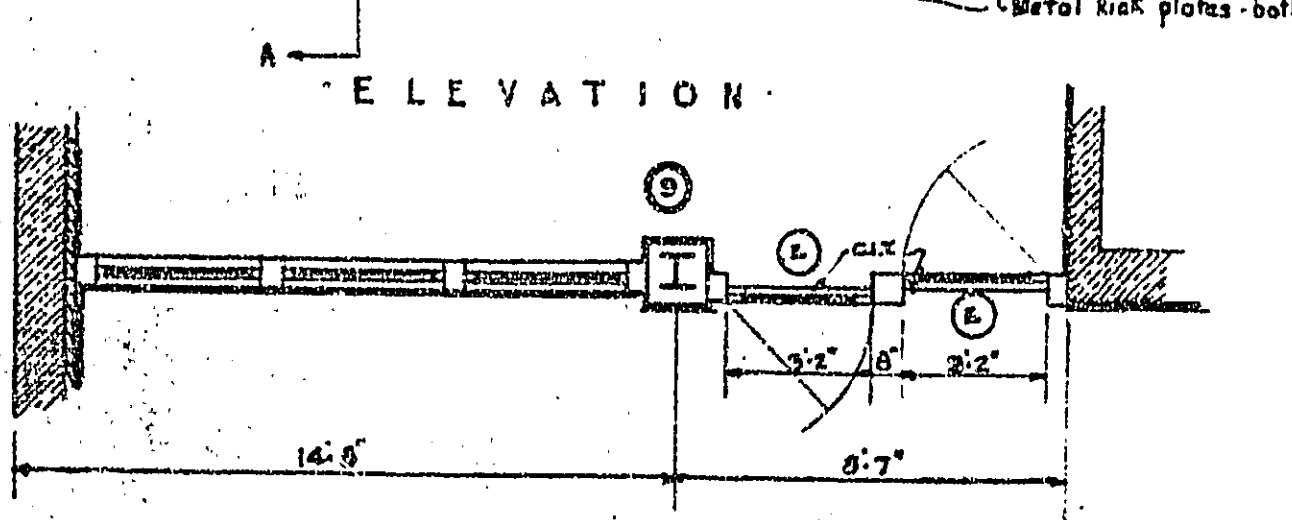


WICKET SECTION PARTITION SECTION Scale: 1/2" = 1'-0"

WIRE MESH PARTITION FIRST FLOOR

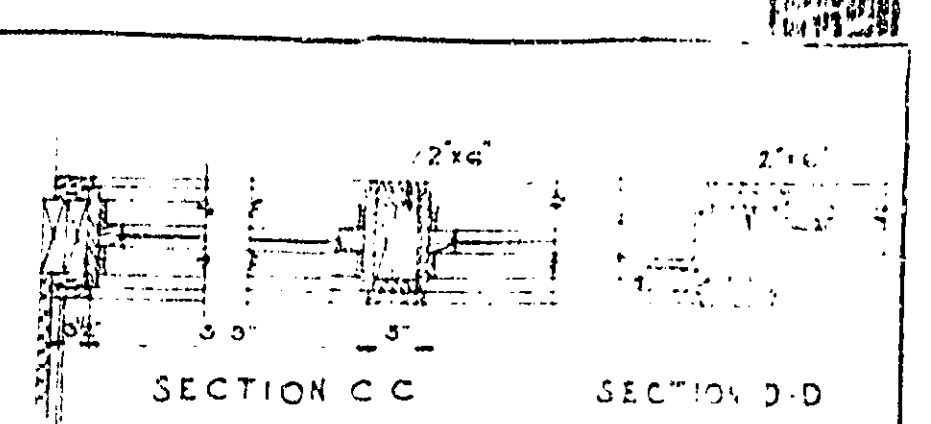


ELEVATION

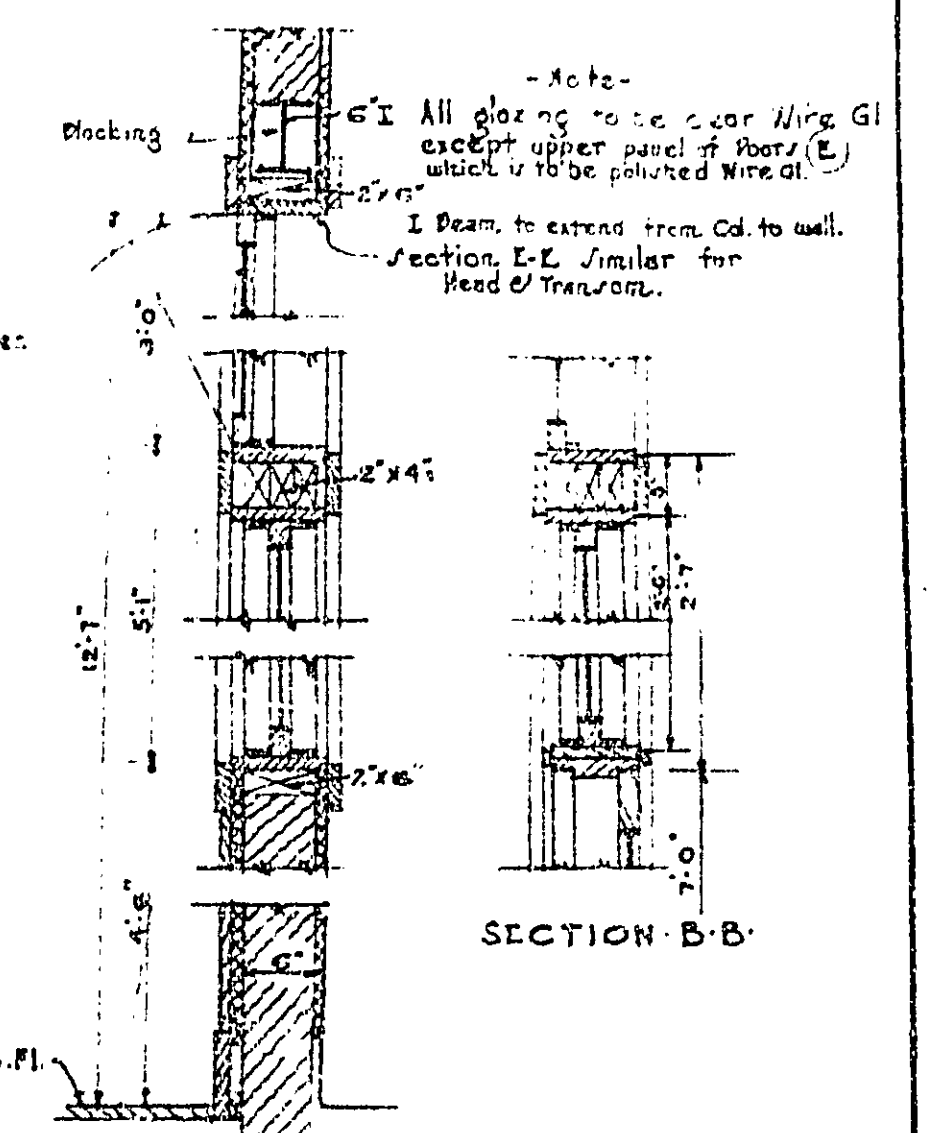


PLAN Scale: 1/4" = 1'-0"

PARTITION BETWEEN WORKROOM & STAIR-HALL 2ND FL.

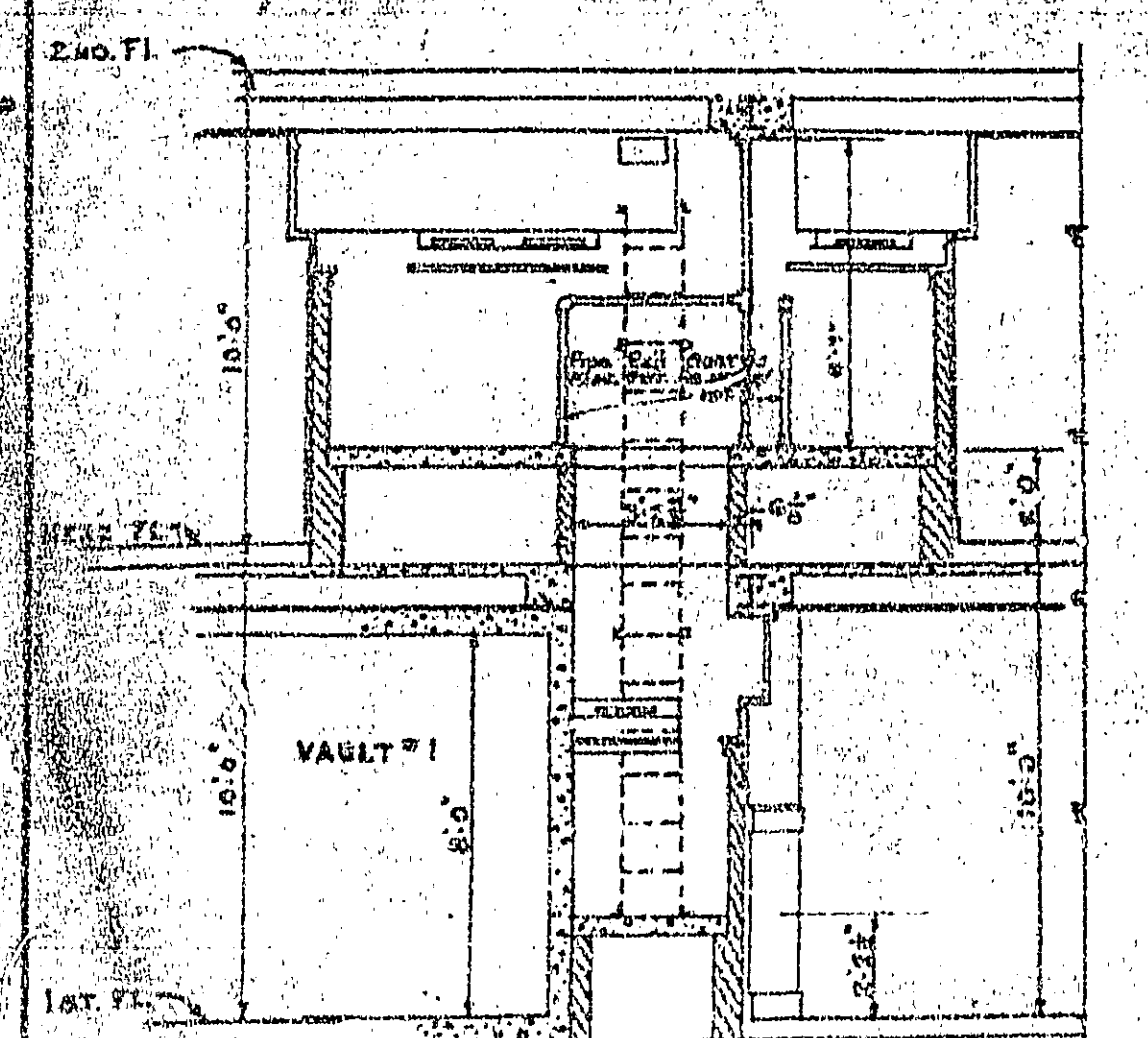


SECTION C-C SECTION D-D

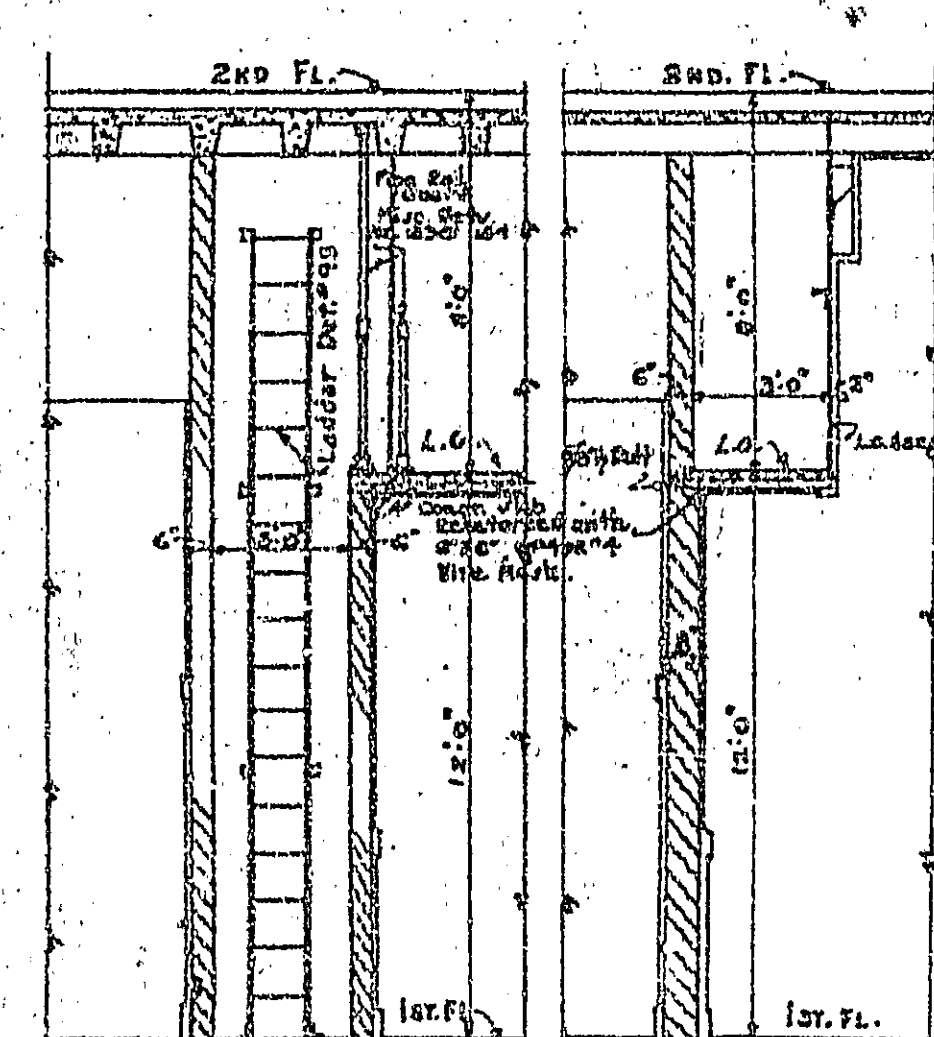


SECTION A-A SECTION B-B

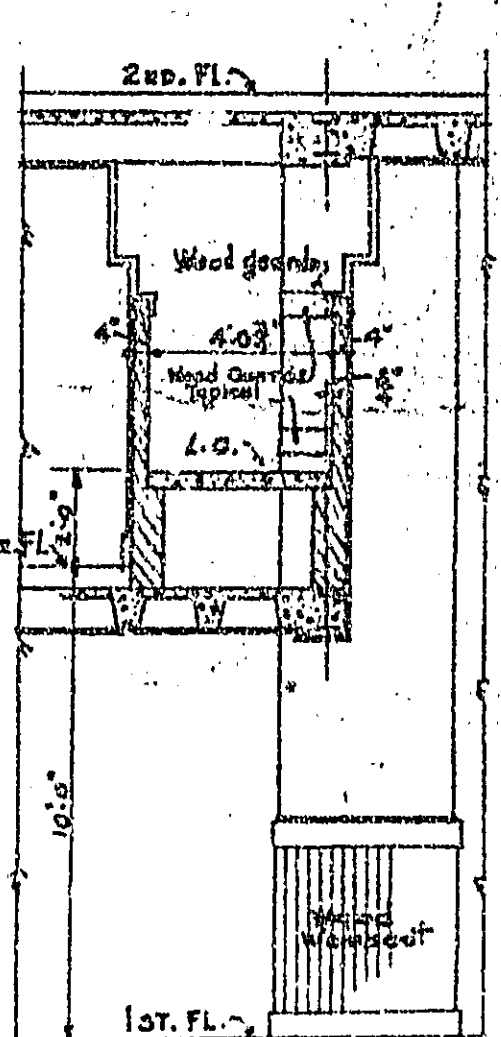
Scale: 1/4" = 1'-0"



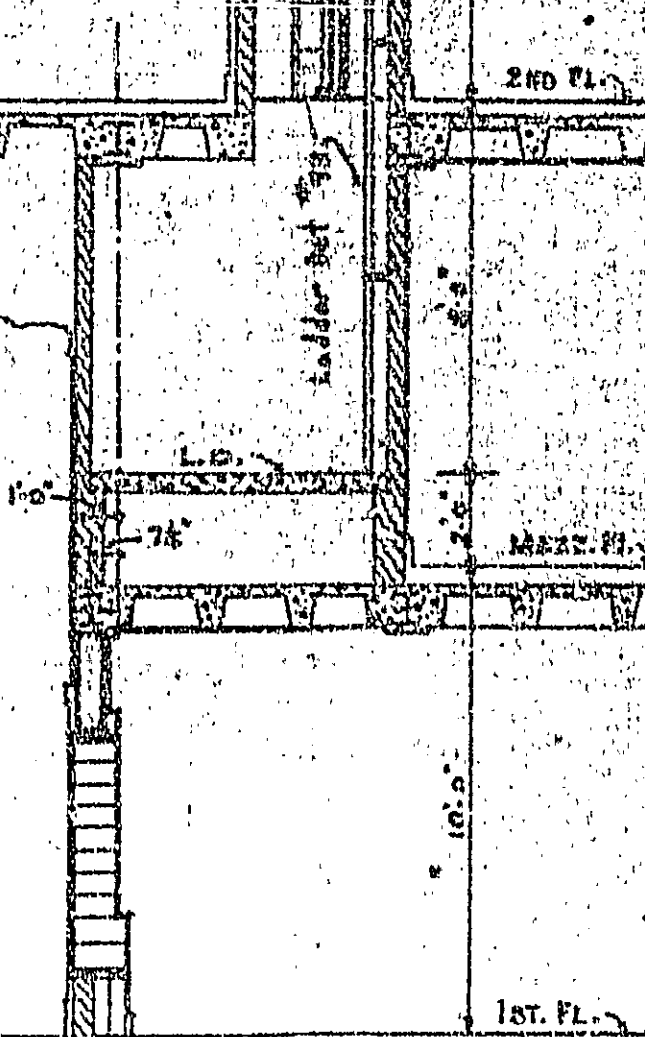
SECTION S-S'



SECTION S2-S2'



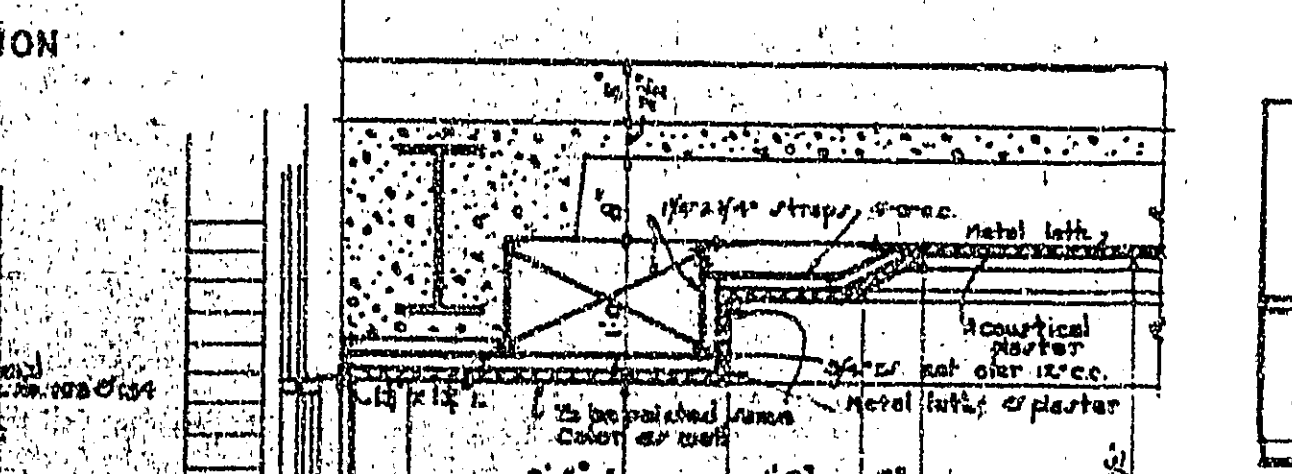
SECTION S4-S4'



SECTION S5-S5'

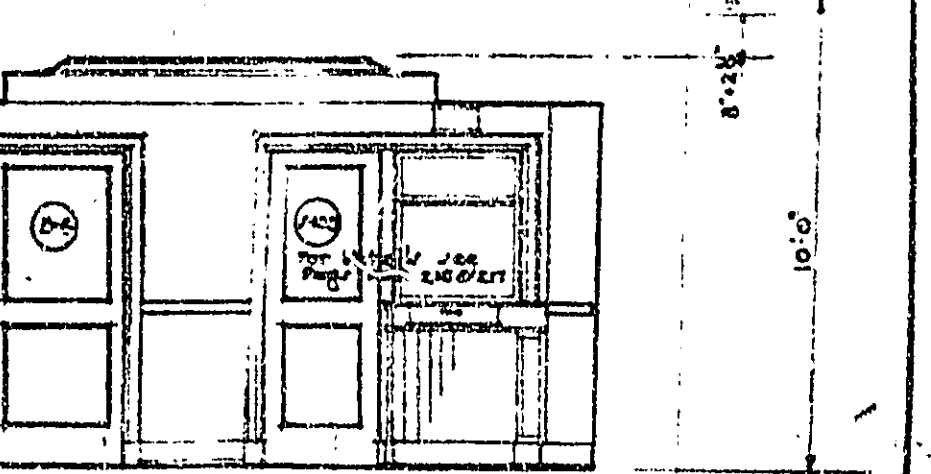
SECTIONS THRU L.O. GALLERIES

FOR LOCATION OF SECTIONS SEE FLOOR PLANS.
FOR DETAILS OF L.O. GALLERY SEE MISC. DETS. Nos. 150, 151, 152, 153, 154, 155, 156, 158, 161, 162.
Scale: 1/4" = 1'-0"

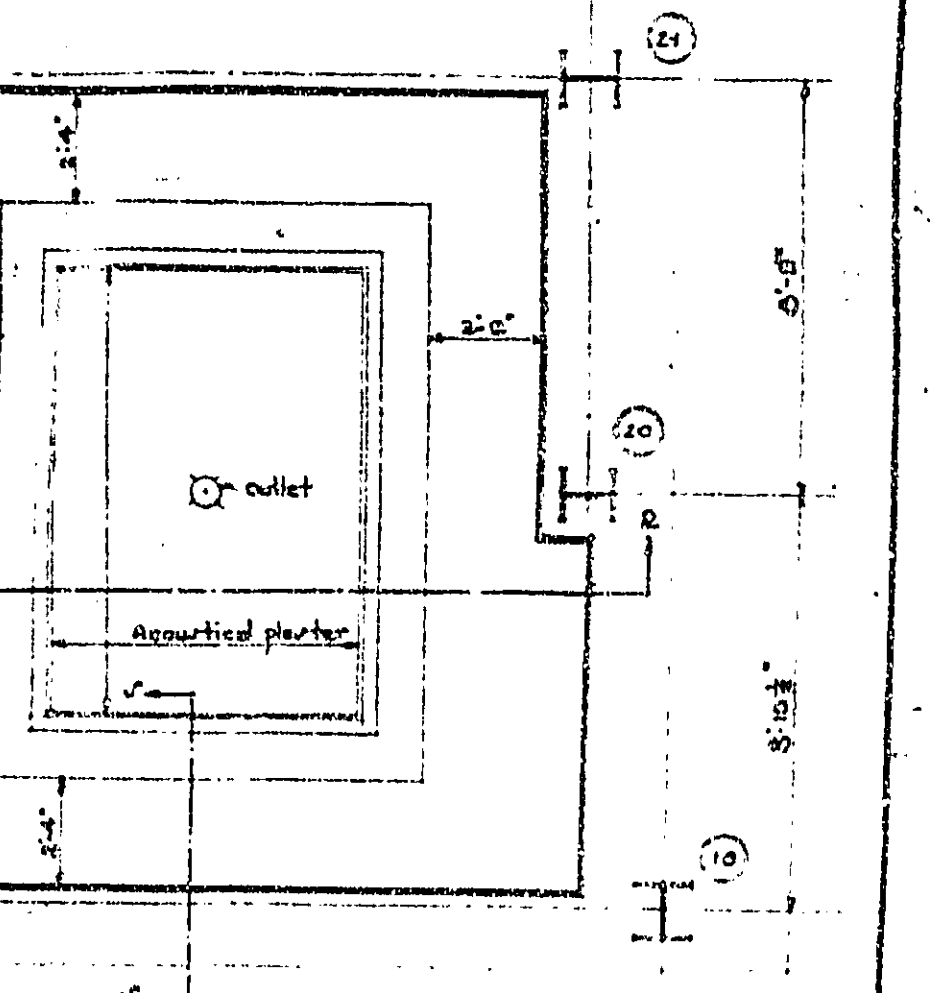


DETAIL SECTION OF CEILING AT JUNCTION Scale: 1/4" = 1'-0"

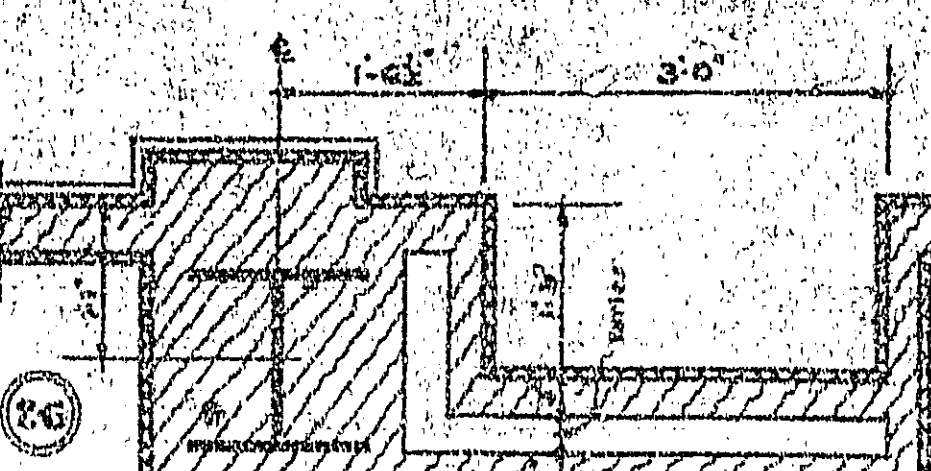
DETAILS OF FURRED SPACE AROUND COL. No. 28 All other furred Cols. generally similar



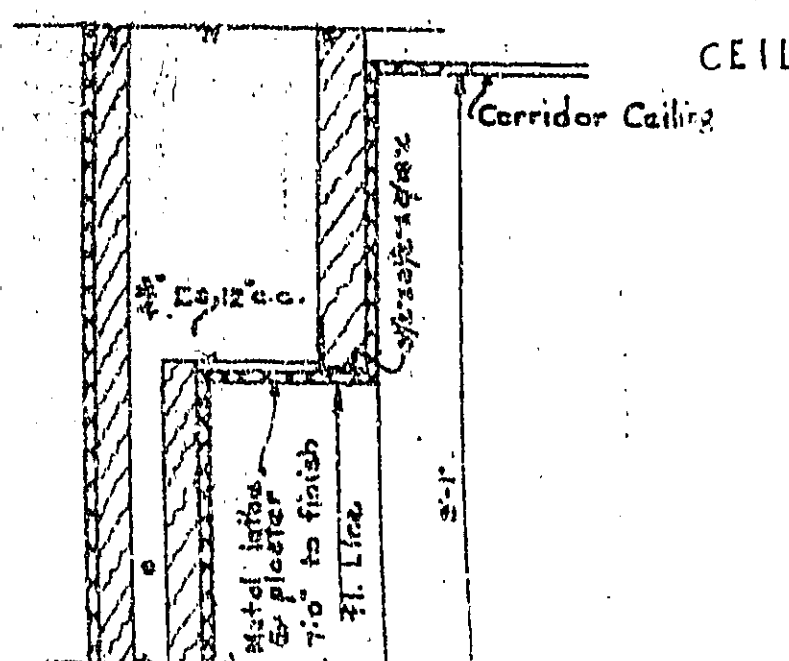
SECTION R-R'



CEILING PLAN SUPERINTENDENTS OFFICE Scale: 1/4" = 1'-0"



DETAIL - RECESS FOR DRINKING FOUNTAIN

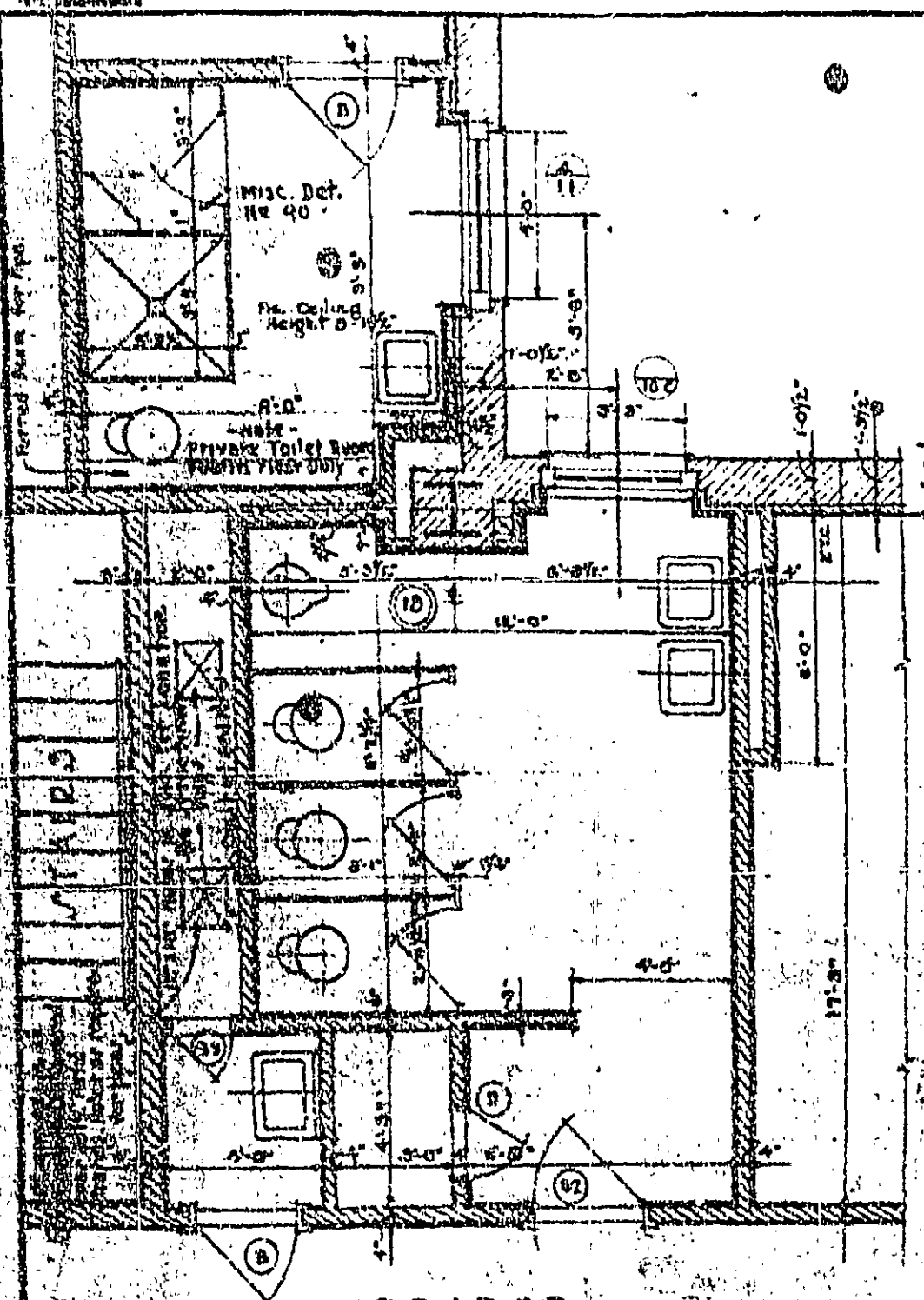


SECTION THRU HEAD OF RECESS

TREASURY DEPARTMENT
PROCUREMENT DIVISION
C. J. PEOPLES, DIRECTOR OF PROCUREMENT
PUBLIC BUILDINGS BRANCH
W. E. REYNOLDS, ASSISTANT DIRECTOR OF PROCUREMENT
LOUIS A. SIMON, SUPERVISING ARCHITECT
NEAL A. BELLOCK, SUPERVISING ENGINEER
APPROVED
W. C. HULL, CHIEF OF ARCHITECTURE
H. S. THOMPSON, CHIEF OF MECHANICAL ENGINEERING
T. C. BRIDGEMAN, CHIEF OF ELECTRICAL ENGINEERING

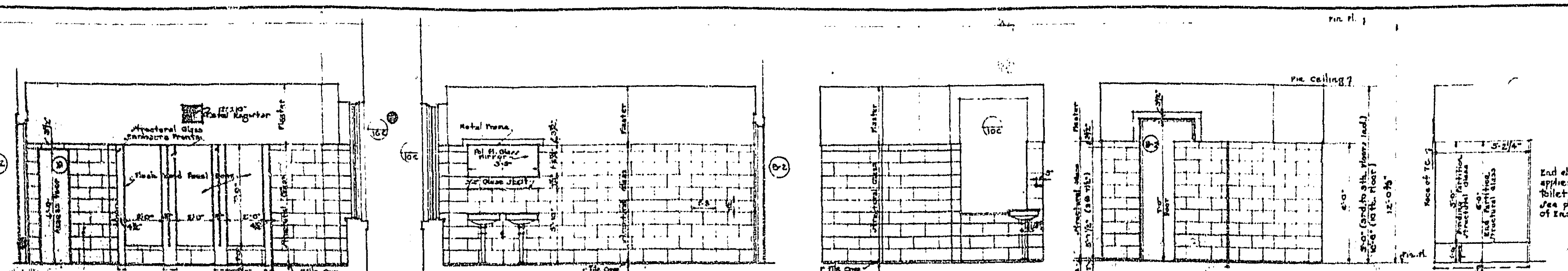
INTERIOR DETAILS

BUILDING FEDERAL OFFICE BLDG
CITY HOUSTON, TEXAS
DRAWN BY WILSON - A PERIODIC
CHECKED BY DATE
DRAWING No. 208

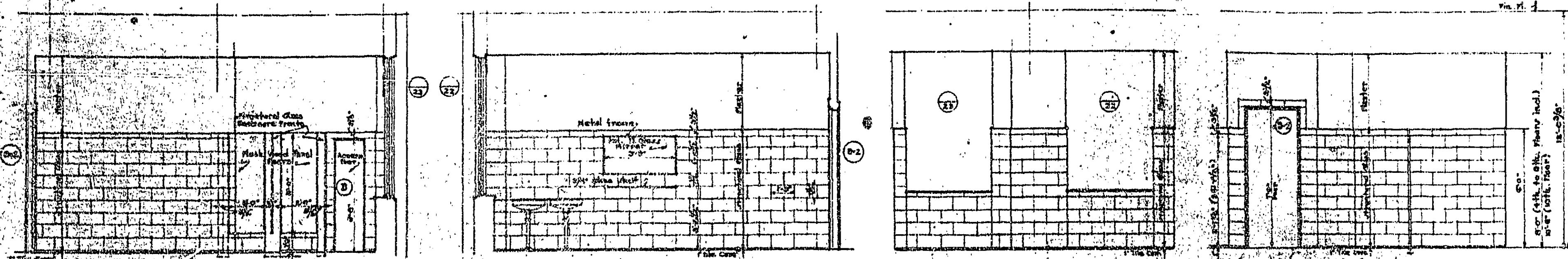


CORRIDOR

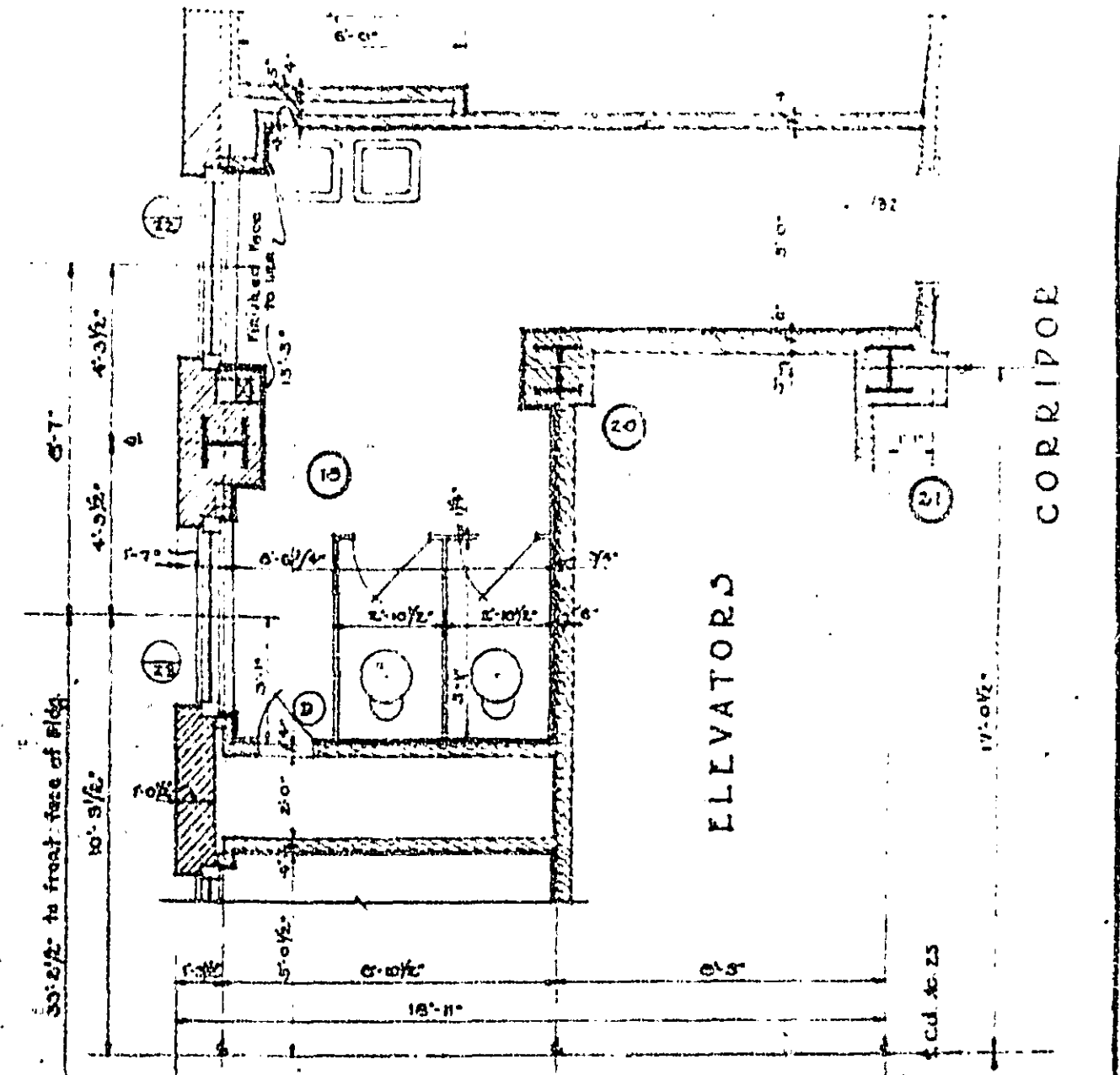
- PLAN of MEN'S TOILET ROOM - 3RD. FLOOR to 10TH. FLOOR INCL. -
- SCALE 1/4" = 1'-0" -



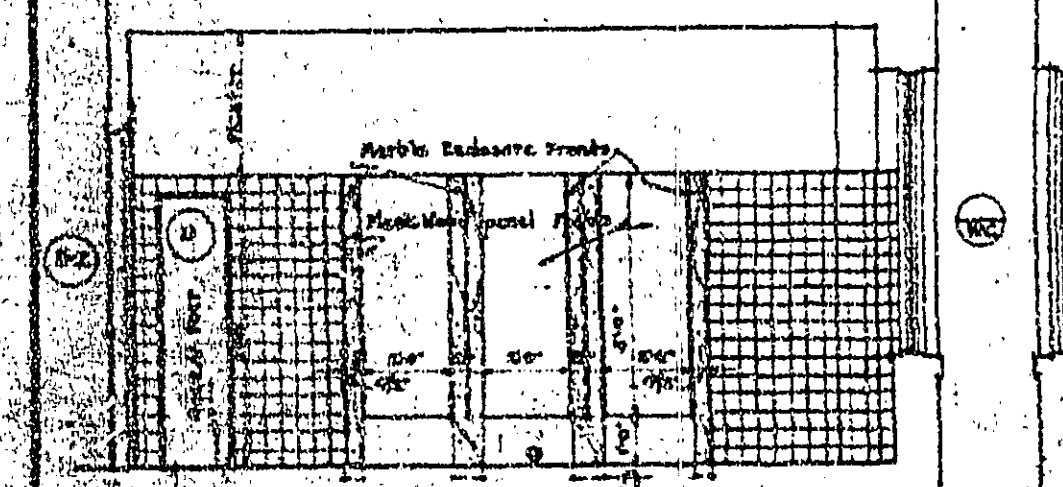
- ELEVATIONS of MEN'S TOILET ROOM - 3RD. to 10TH. FLOORS INCL. -
- SCALE 1/4" = 1'-0" -



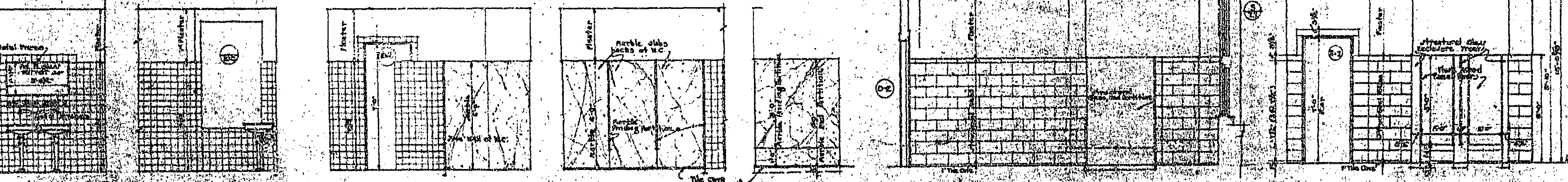
- ELEVATIONS of WOMENS TOILET ROOM - 4TH. to 10TH. FLOORS INCL. -
- SCALE 1/4" = 1'-0" -



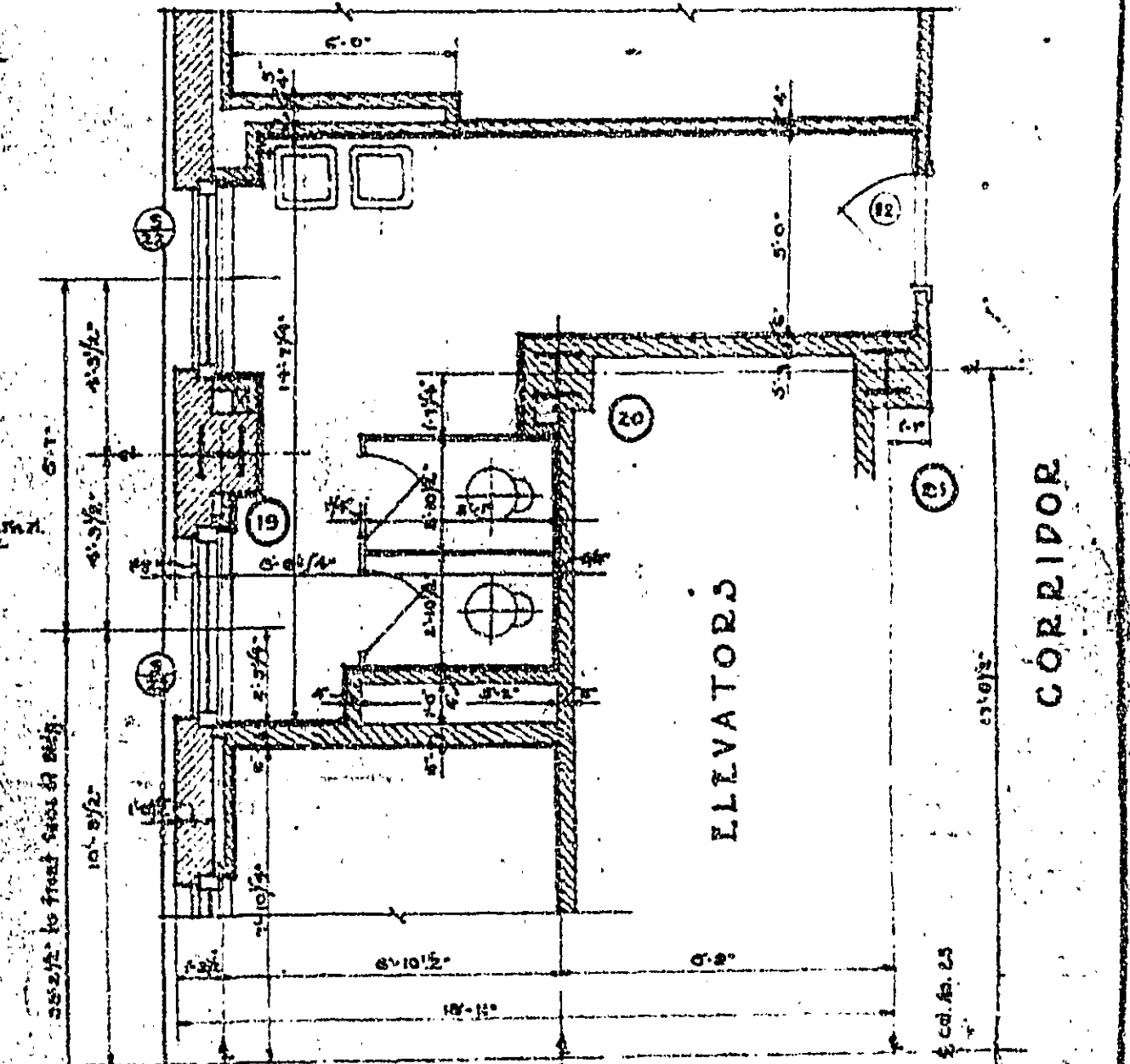
- PLAN of WOMEN'S TOILET ROOM - 4TH. FLOOR to 10TH. FLOOR INCL. -
- SCALE 1/4" = 1'-0" -



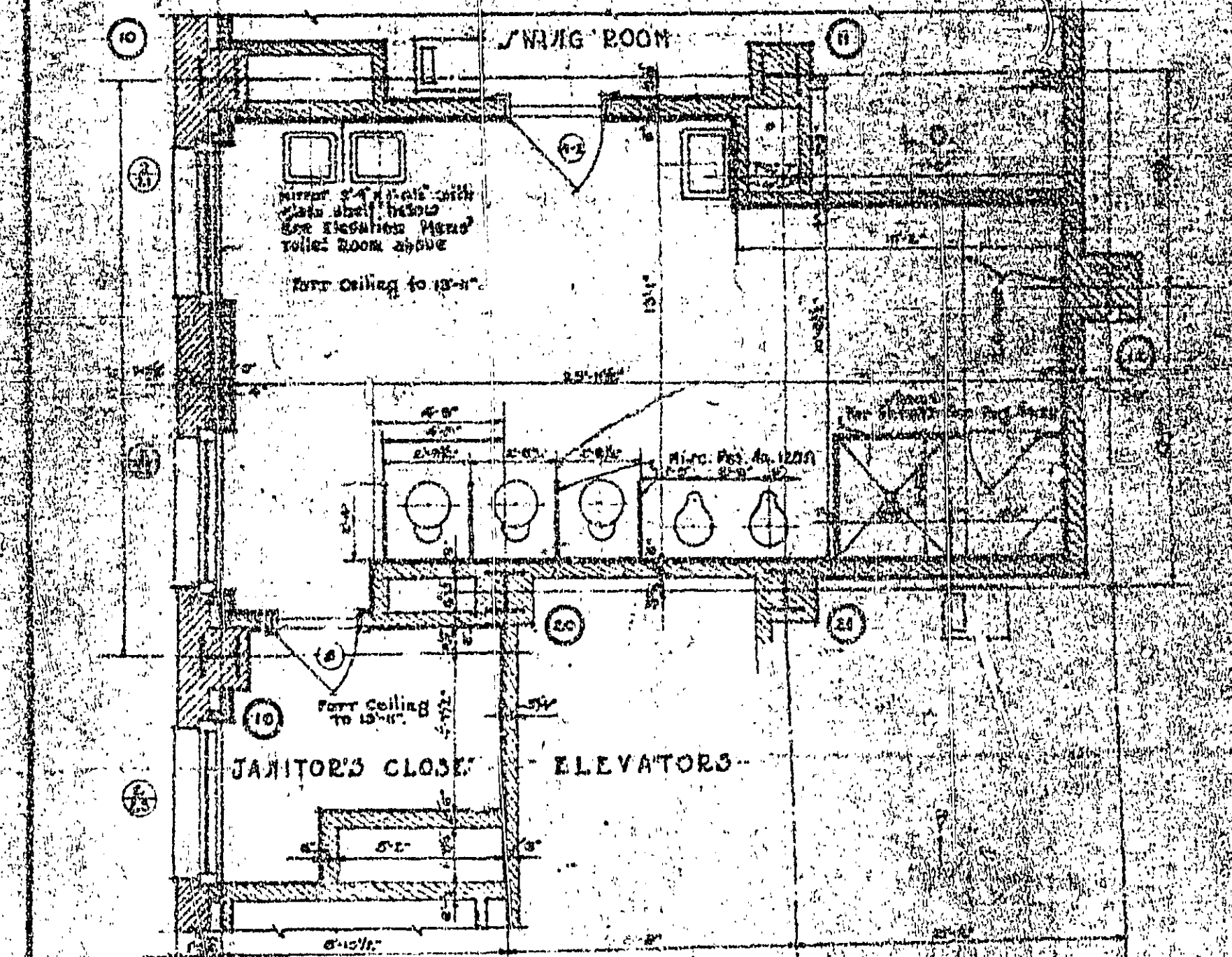
(ALTERNATE for TILE & MARBLE) - MEN'S TOILET ROOM - 3RD. to 10TH. FLOORS INCL. -
- Note - Women's Toilet Rooms - 3rd. to 10th. Floors incl. generally similar. -
- SCALE 1/4" = 1'-0" -



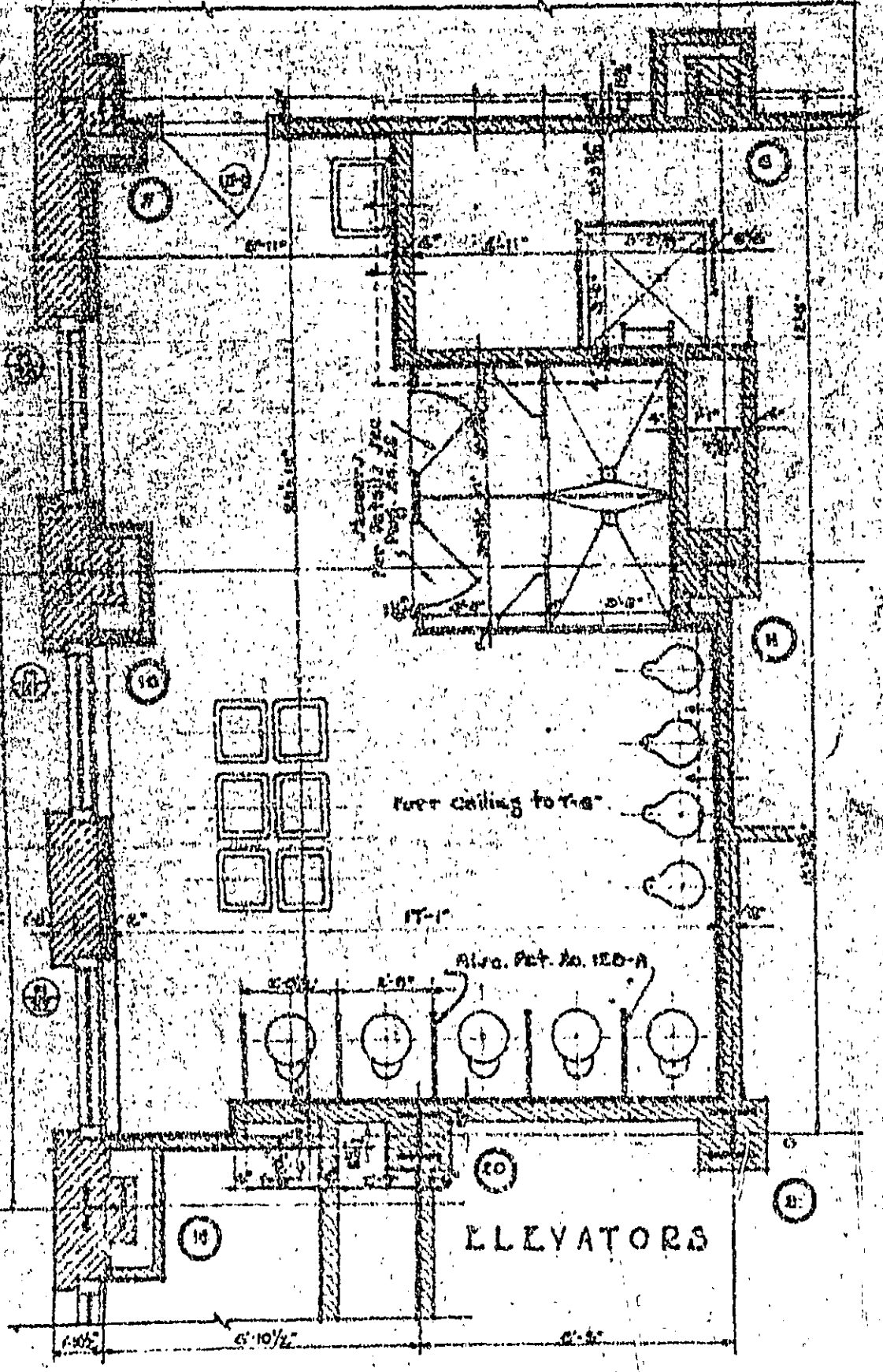
- ELEVATIONS of WOMEN'S TOILET ROOM - 3RD. FLOOR -
- Note - Other Elevations similar to Elevations of Women's Toilet Room on 4th. floor. -
- SCALE 1/4" = 1'-0" -



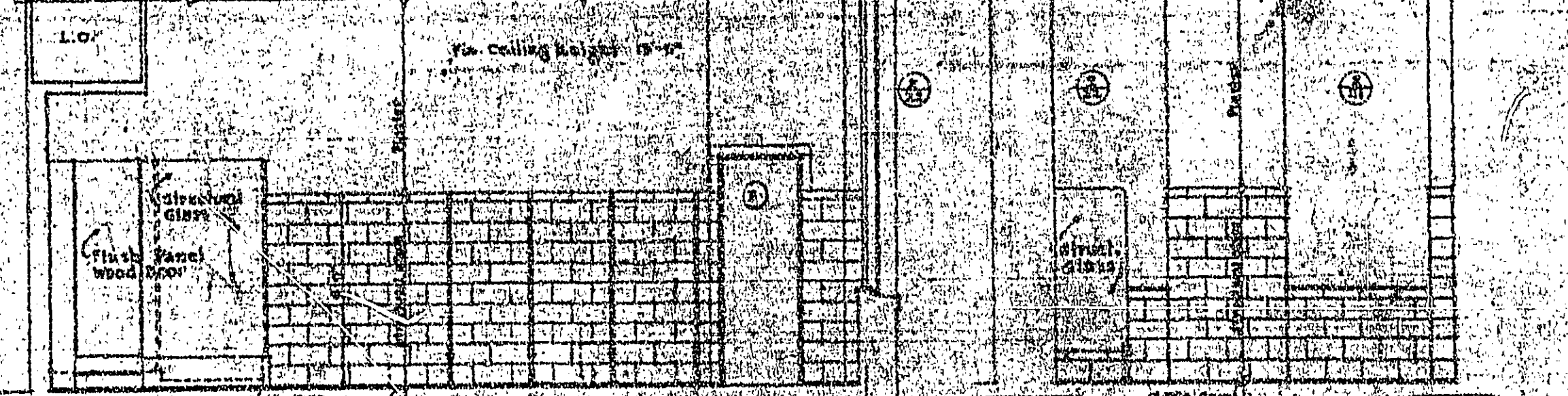
- PLAN of WOMEN'S TOILET ROOM - 3RD. FLOOR -
- SCALE 1/4" = 1'-0" -



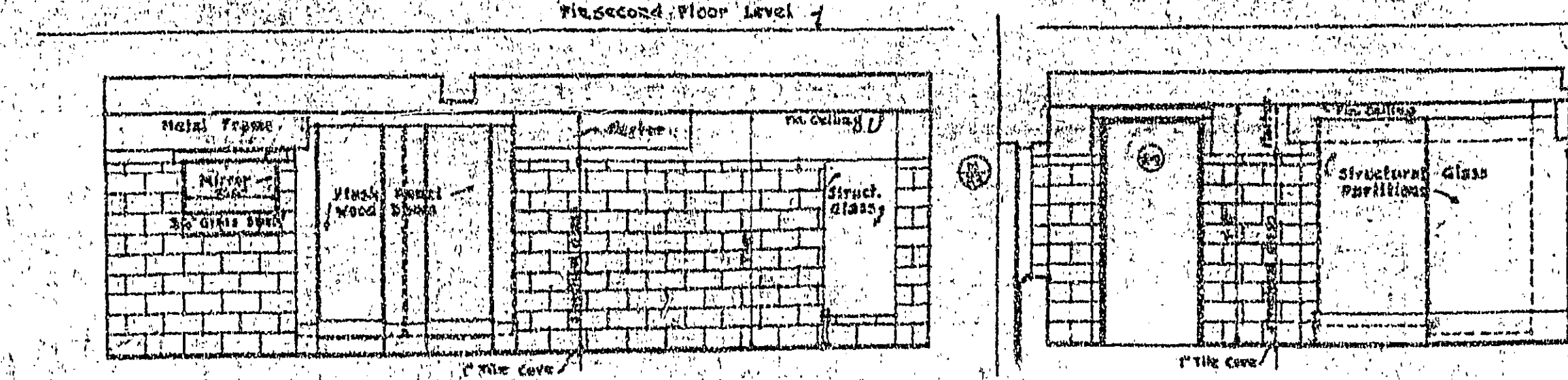
- PLAN of SWING ROOM TOILET - 2ND FLOOR -
- SCALE 1/4" = 1'-0" -



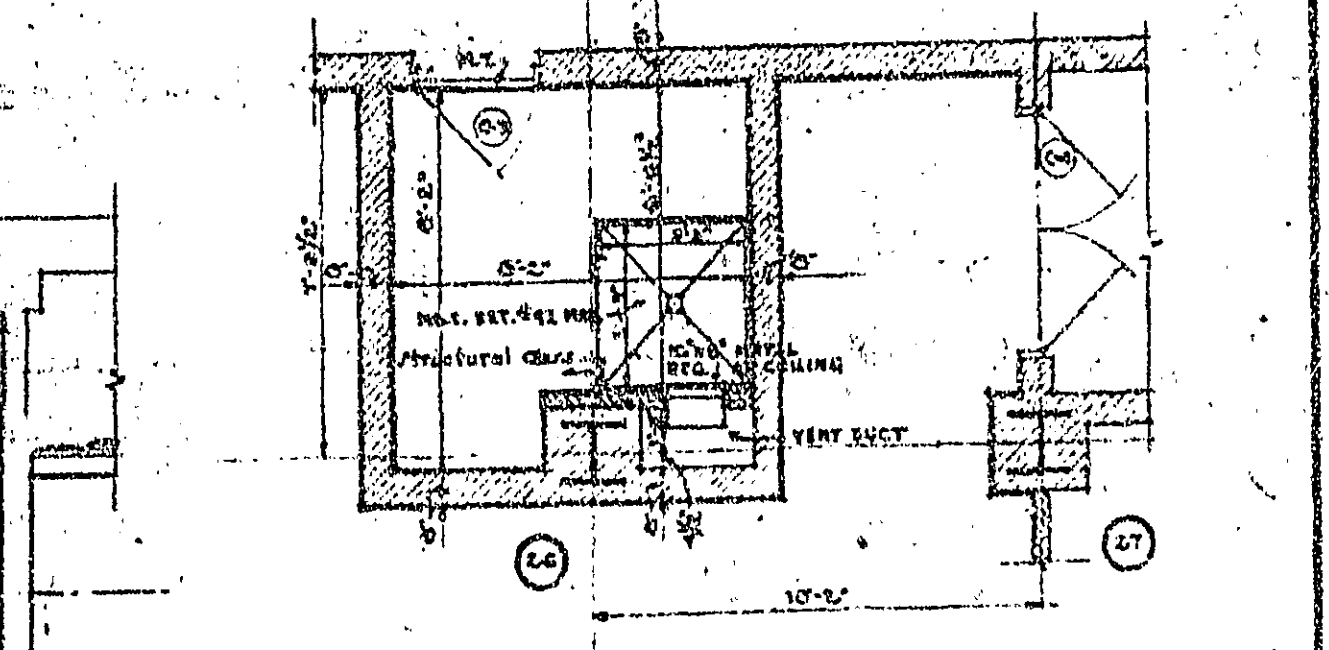
- PLAN of SWING ROOM TOILET - MEZZ. FLOOR -
- SCALE 1/4" = 1'-0" -



- ELEVATIONS of SWING ROOM TOILET - SECOND FLOOR -
- Note - Elevations of walls not shown shall be finished in a similar manner to those above -



- ELEVATIONS of SWING ROOM TOILET - MEZZANINE FLOOR -
- Note - Elevations of walls not shown shall be finished in a similar manner to those above -

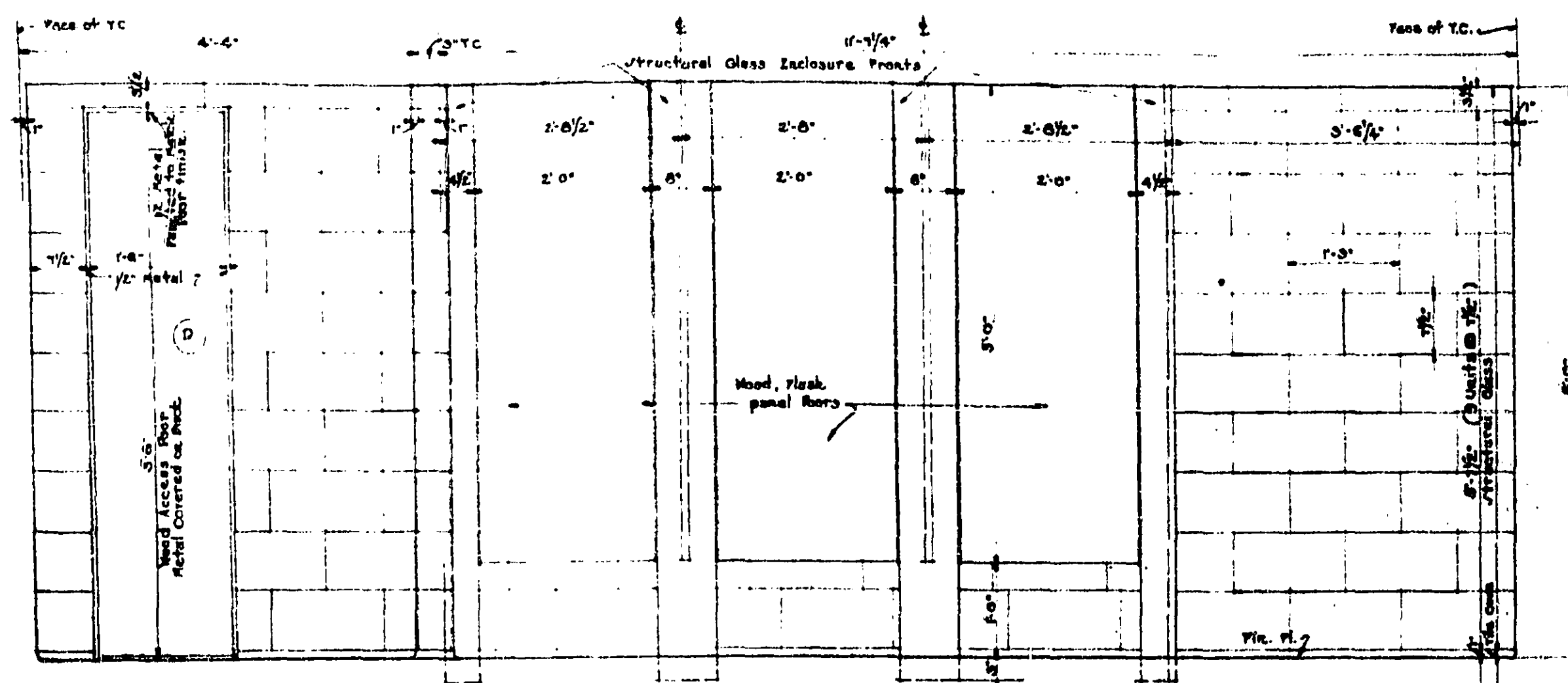


- PLAN of TOILET ROOM in BASEMENT -
- SCALE 1/4" = 1'-0" -

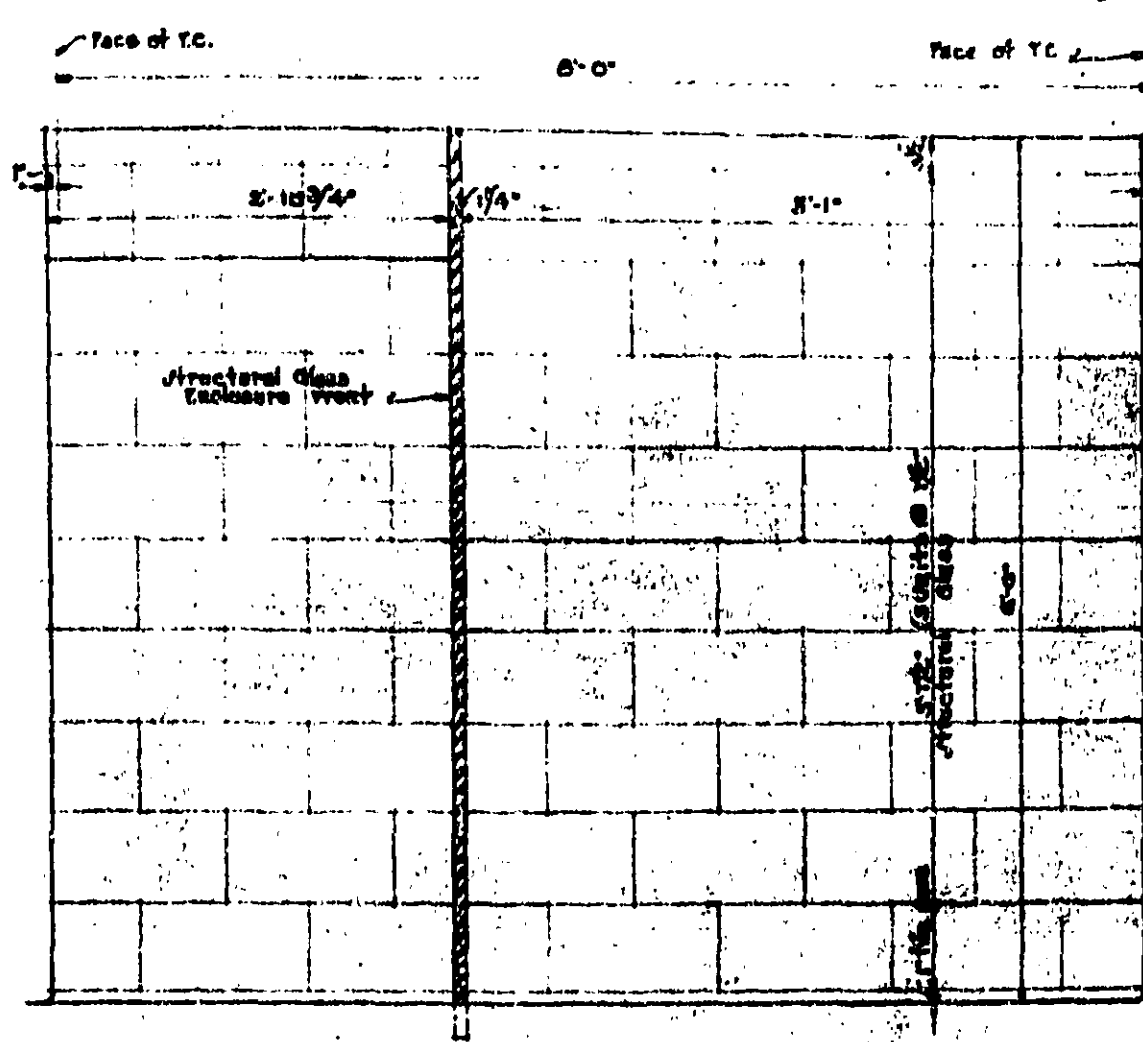
TREASURY DEPARTMENT
PROCUREMENT DIVISION
C. J. PEOPLES, DIRECTOR OF PROCUREMENT
PUBLIC BUILDINGS BRANCH
W. E. RUYHOLZ, ASSISTANT DIRECTOR OF PROCUREMENT
LOUIS A. SHADEN, ARCHITECT
APPROVED
N. S. THOMPSON, MECH. ENGR.
T. C. BROOKS, SUPV. OF STRUCTURING ENGINEERING

BUILDING FEDERAL OFFICE BLDG.
HOUSTON TEXAS
DRAWN BY DATE 1/24/51
CHECKED BY DATE 1/24/51
DRAWING No. 210

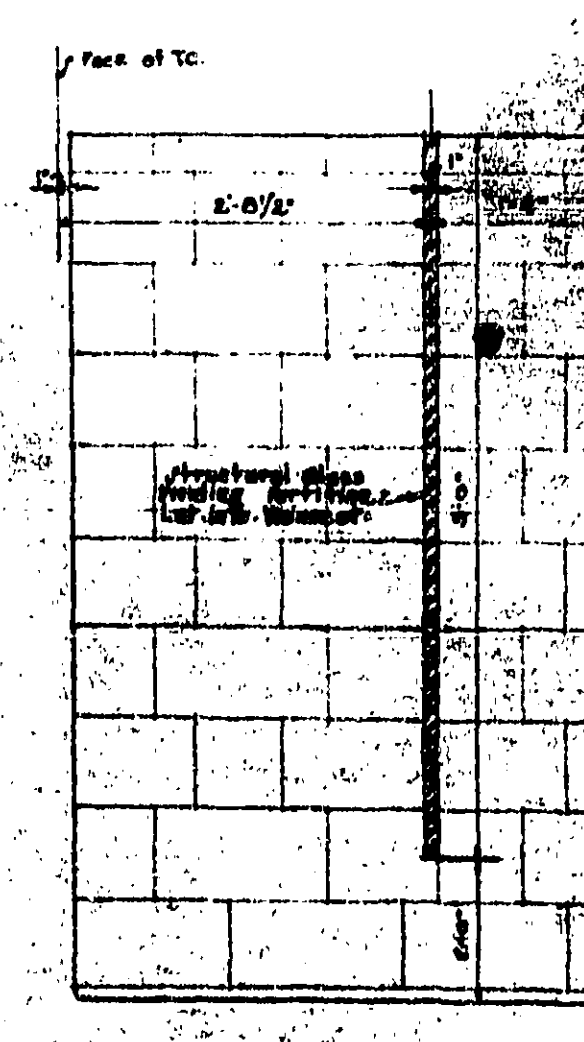
TOILET DETAILS



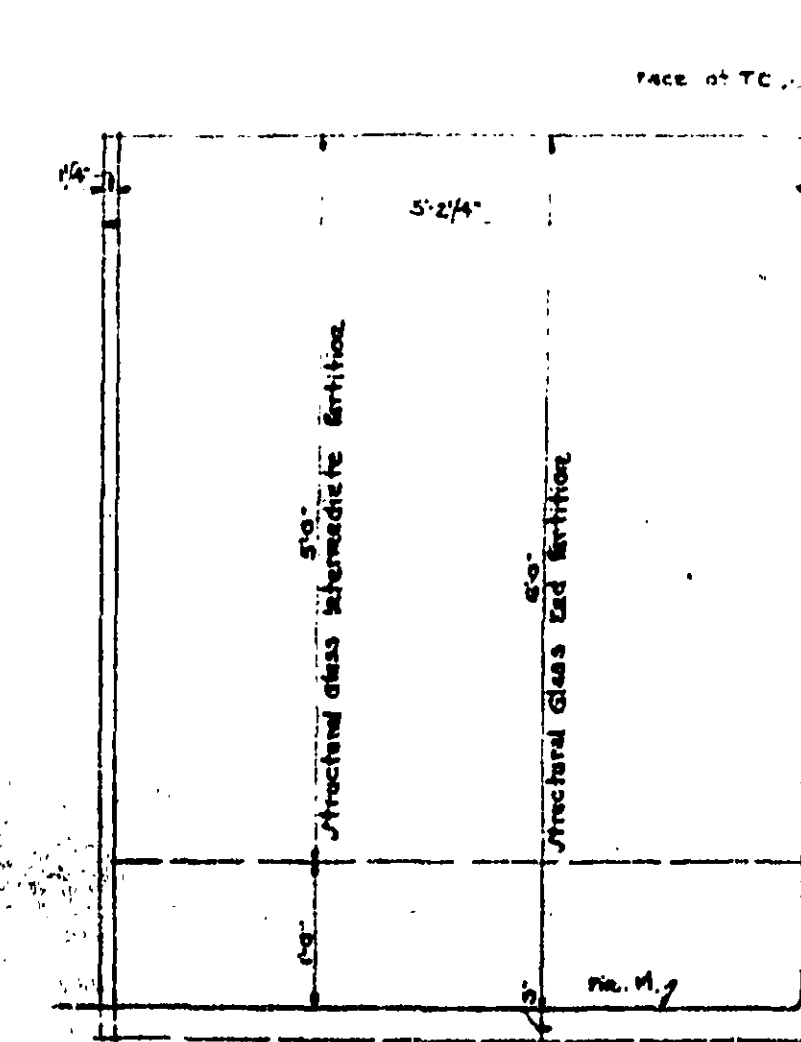
-FRONT ELEVATION OF W.C. ENCLOSURES (MEN'S TOILET ROOM)-



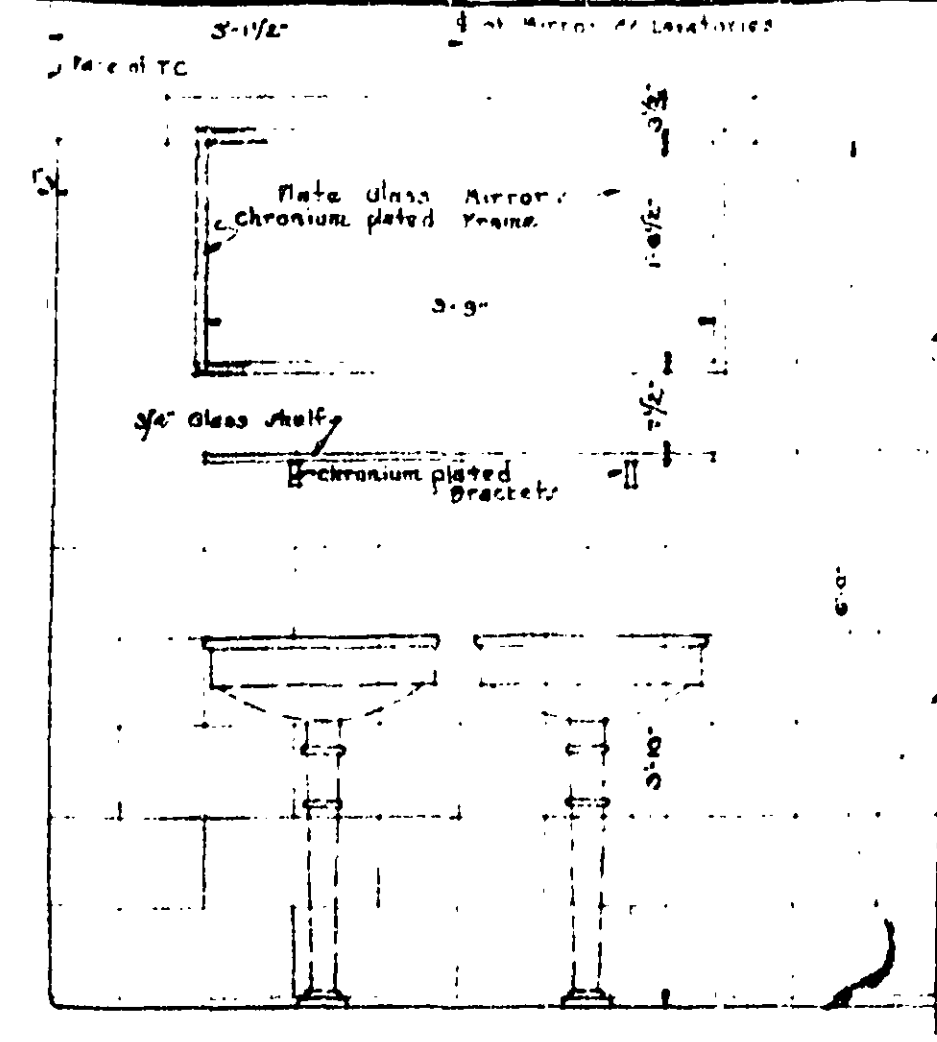
-SIDE WALL ELEVATION OF W.C. ENCLOSURE - (MEN'S TOILET ROOM)-



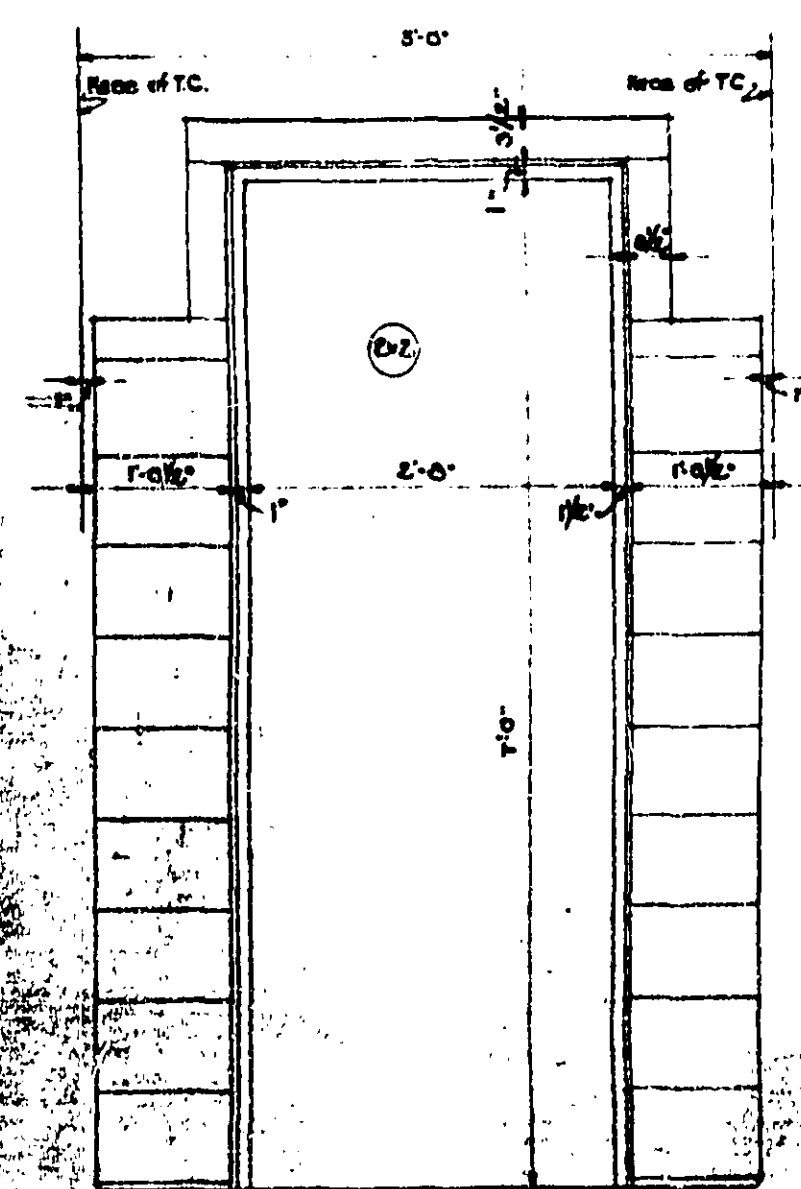
-REAR WALL ELEVATION - (MEN'S TOILET ROOM)-



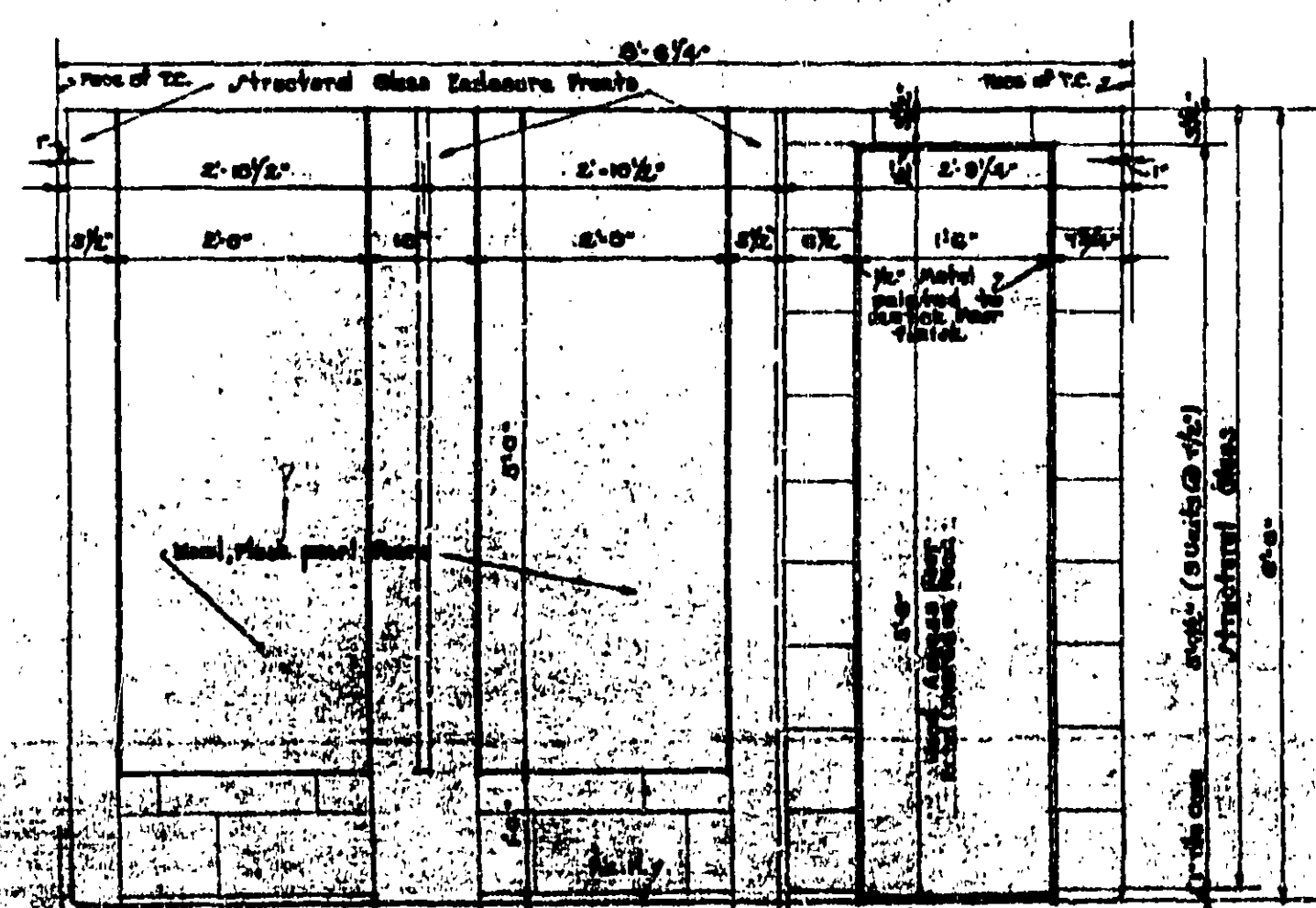
-END PARTITION - (MEN'S TOILET ROOM)-



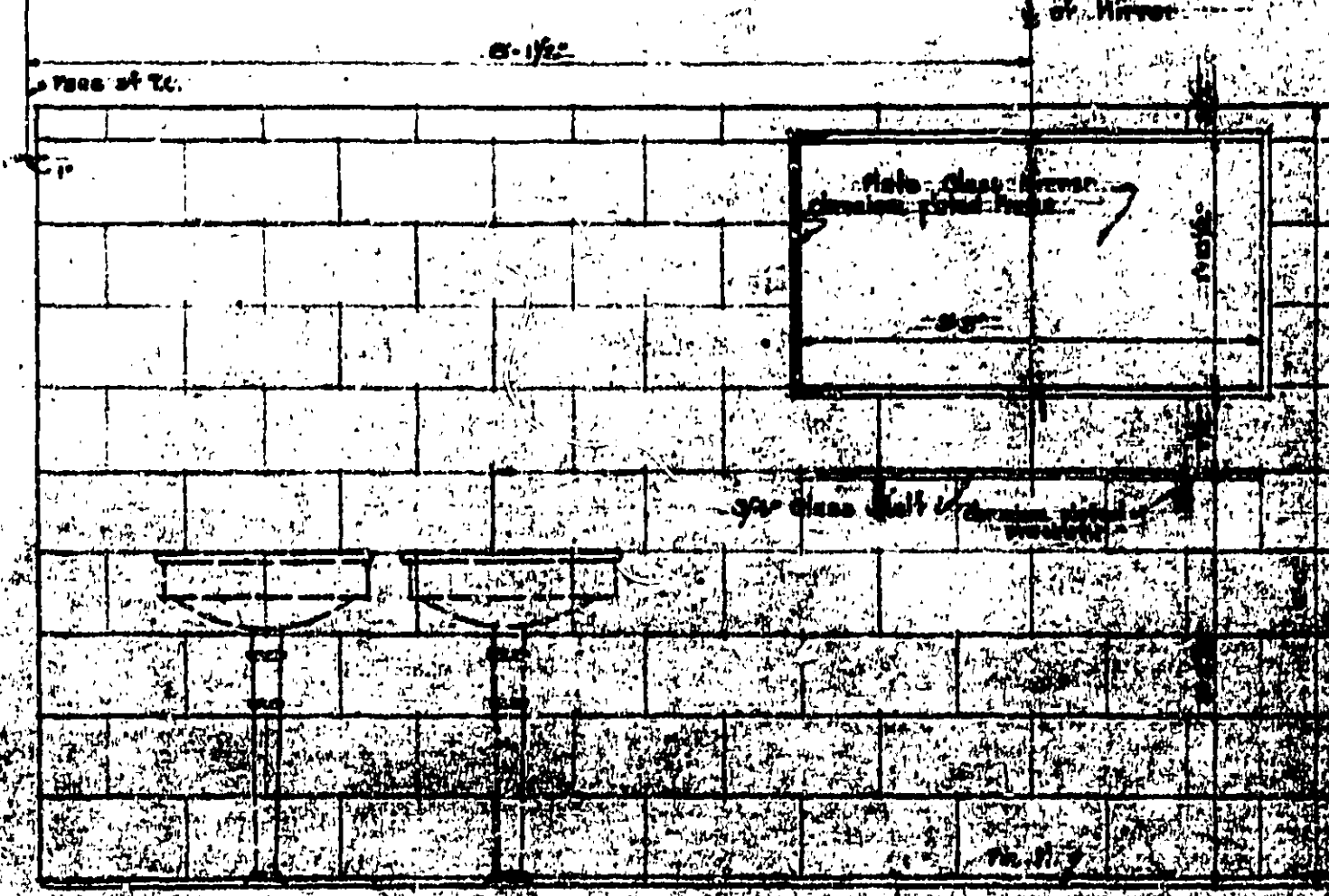
-ELEVATION OF MIRROR & SHELF - (MEN'S TOILET ROOM)-



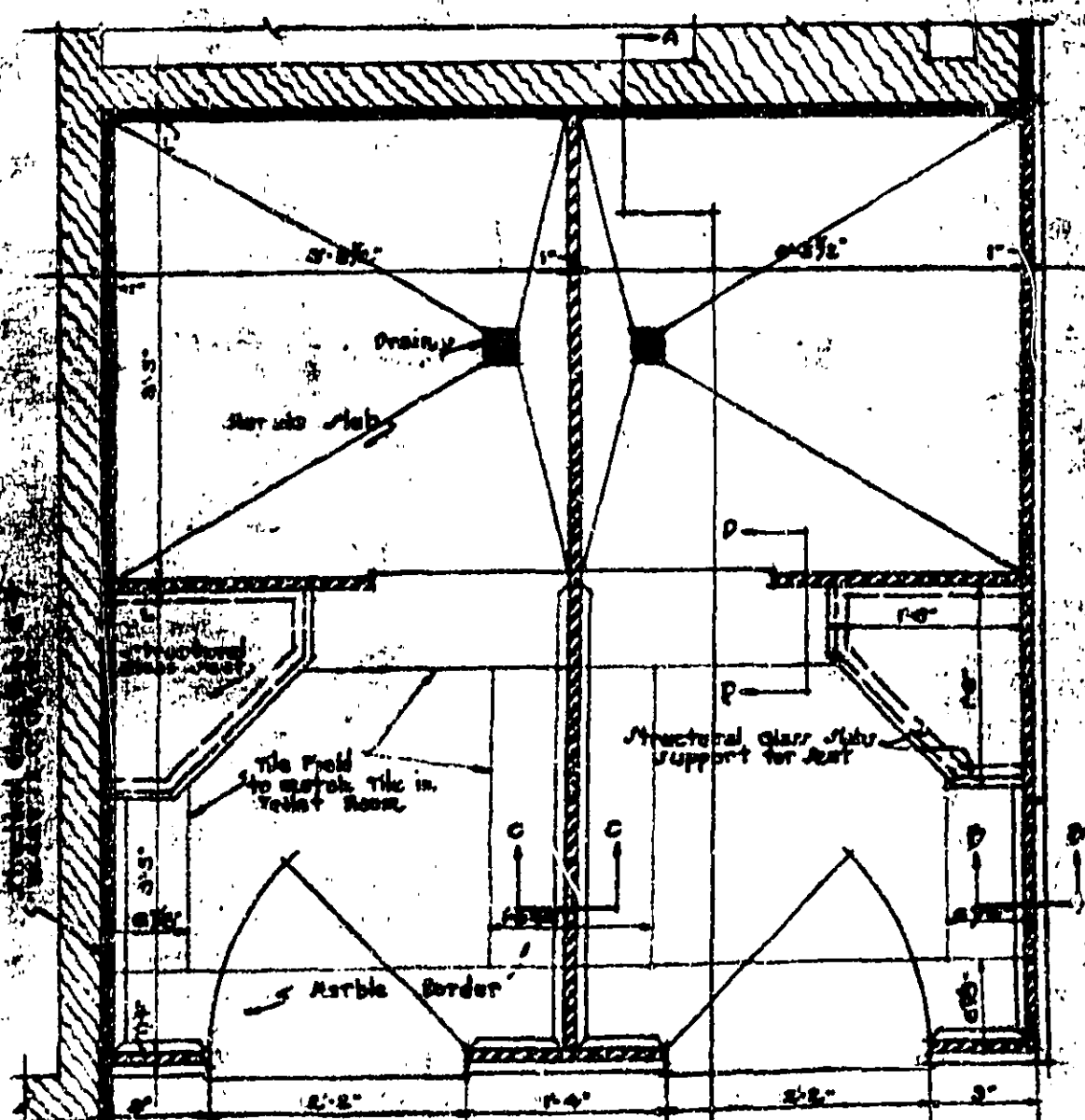
-ELEVATION OF ENTRANCE DOOR - (WOMEN'S TOILET ROOM)-



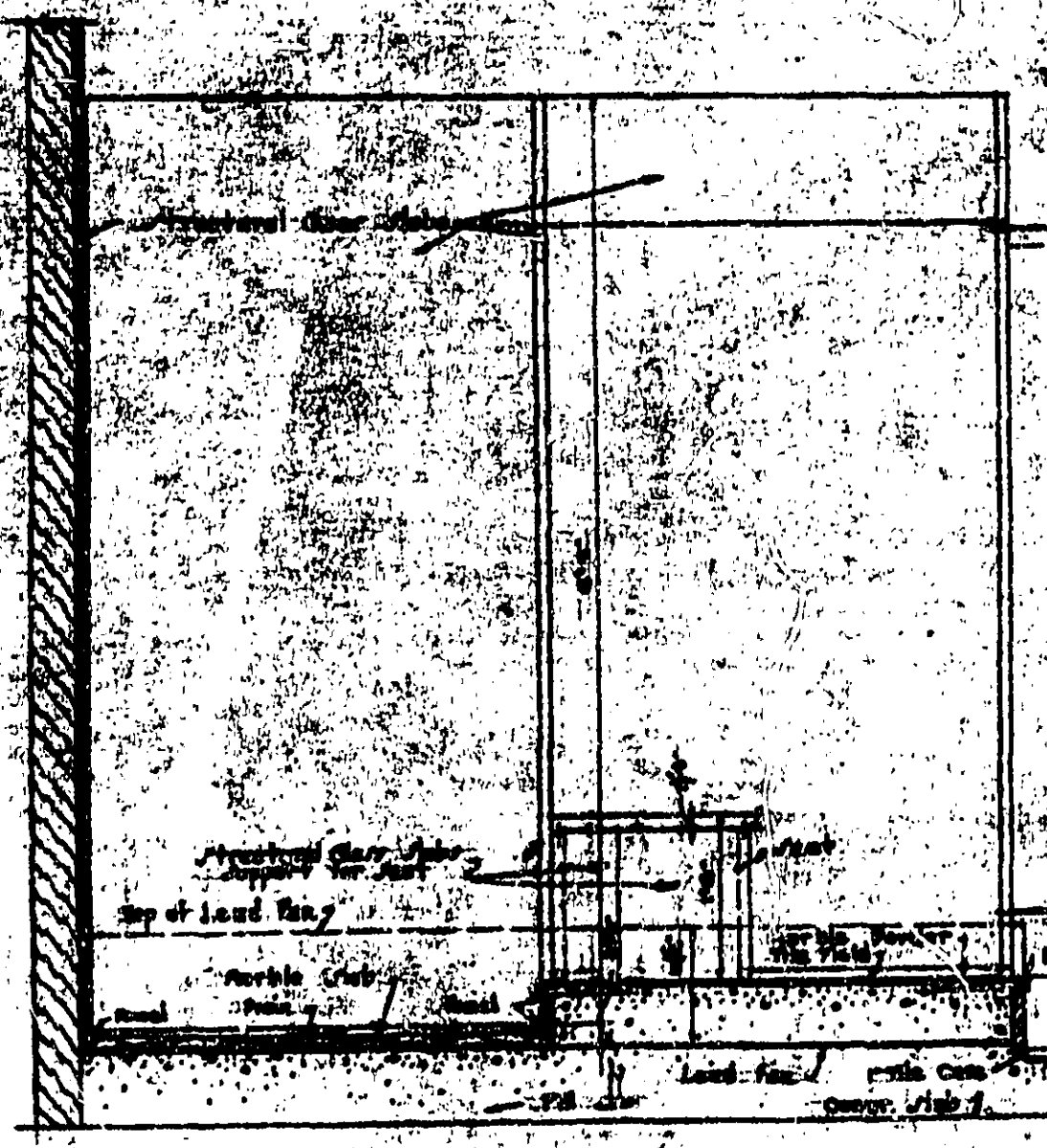
-FRONT ELEVATION OF W.C. ENCLOSURES - (WOMEN'S TOILET ROOM - 4TH & 10TH FLOORS (M.C.))-



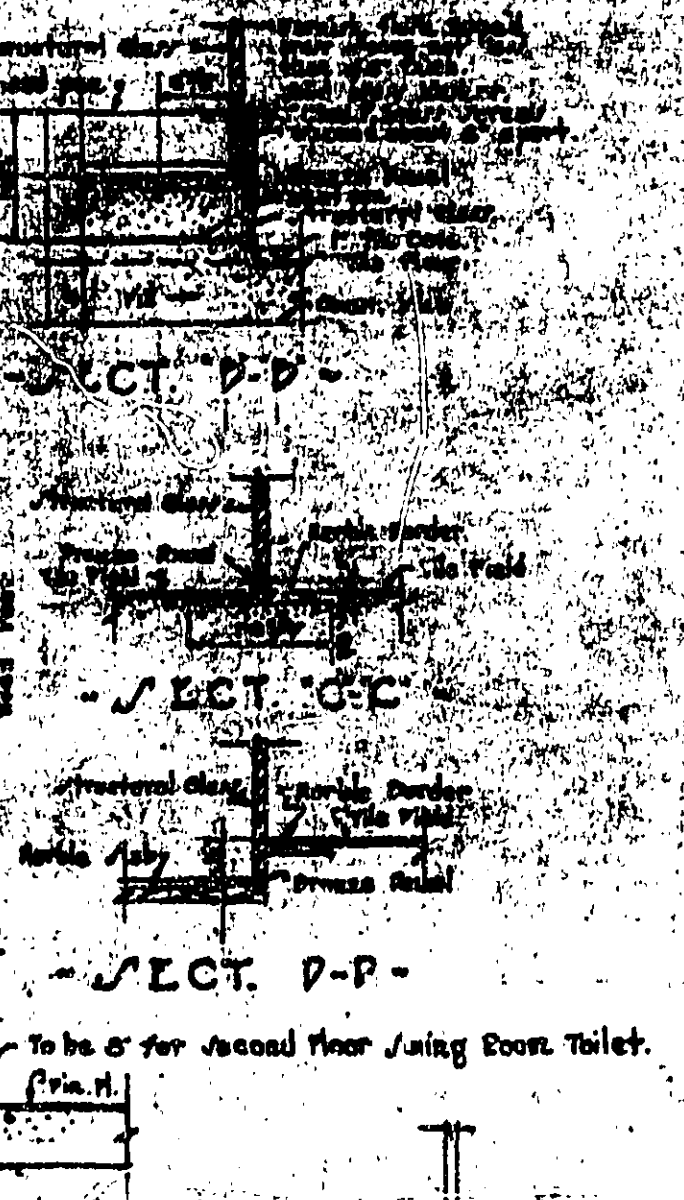
-ELEVATION OF MIRROR & SHELF - (WOMEN'S TOILET ROOM)-



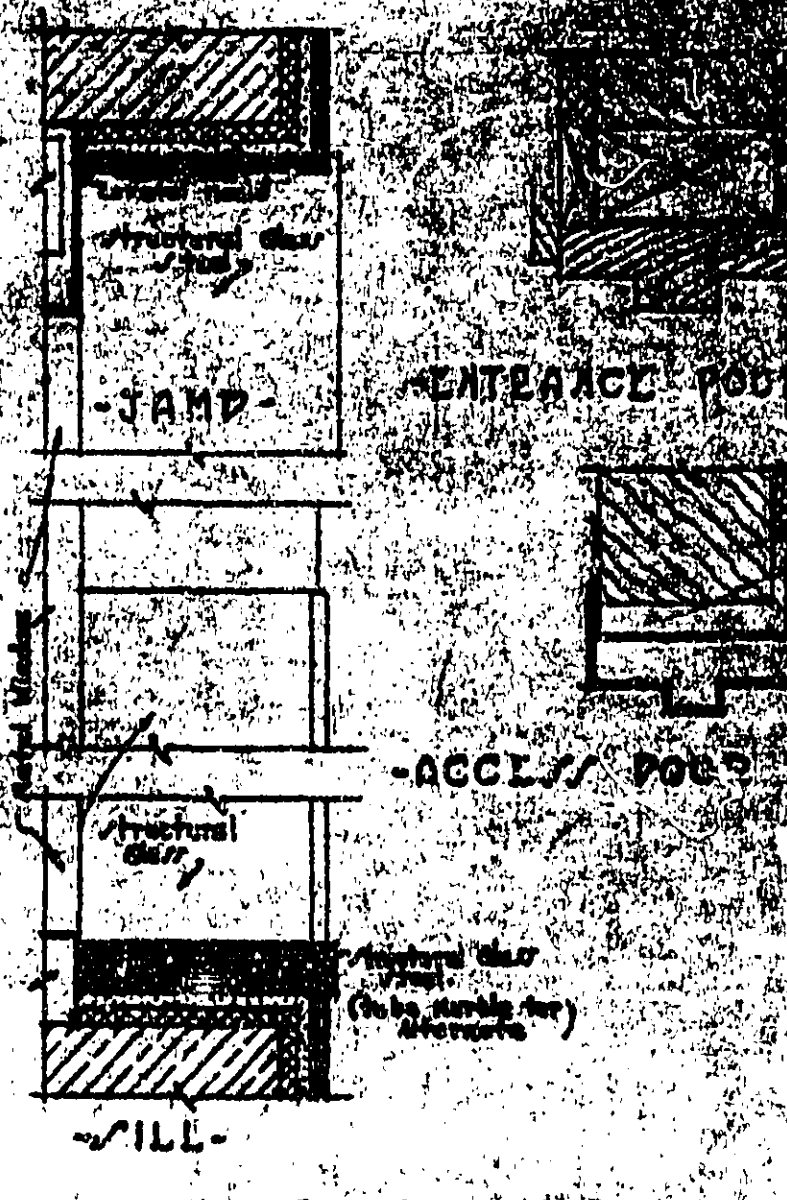
-PLAN-



-SECTION A-A-



-SECTION G-G-



-SECTION P-P-

-S- DETAILS-

-3/4" DETAILS OF SHOWER BATH ENCLOSURES -
 -SWING ROOM TOILET - MEZZ. FLOOR -
 -ALL OTHER SHOWER BATH ENCLOSURES GENERALLY SIMILAR -

-Note -
 -Misc. Det. No. 80 shall apply to all Shower Bath Enclosures except as modified -
 by these details -

-SECT. THRO. SILL -
 -SHOWER BATH in -
 -BASEMENT-

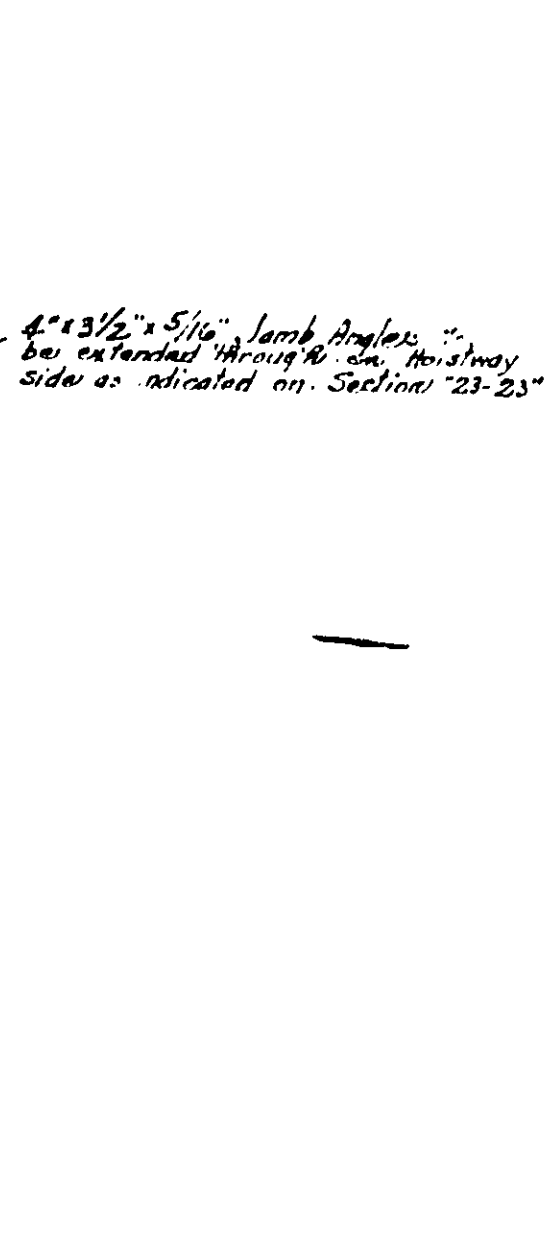
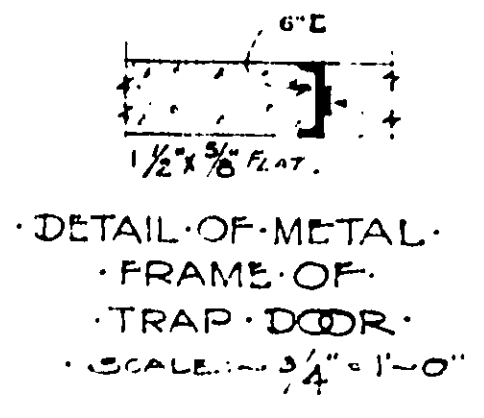
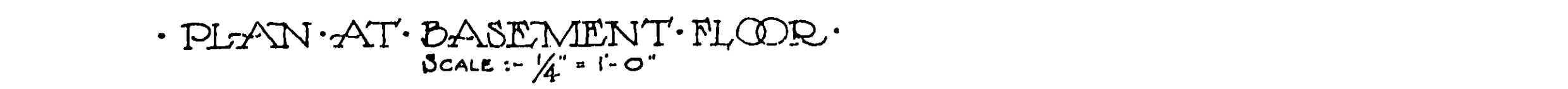
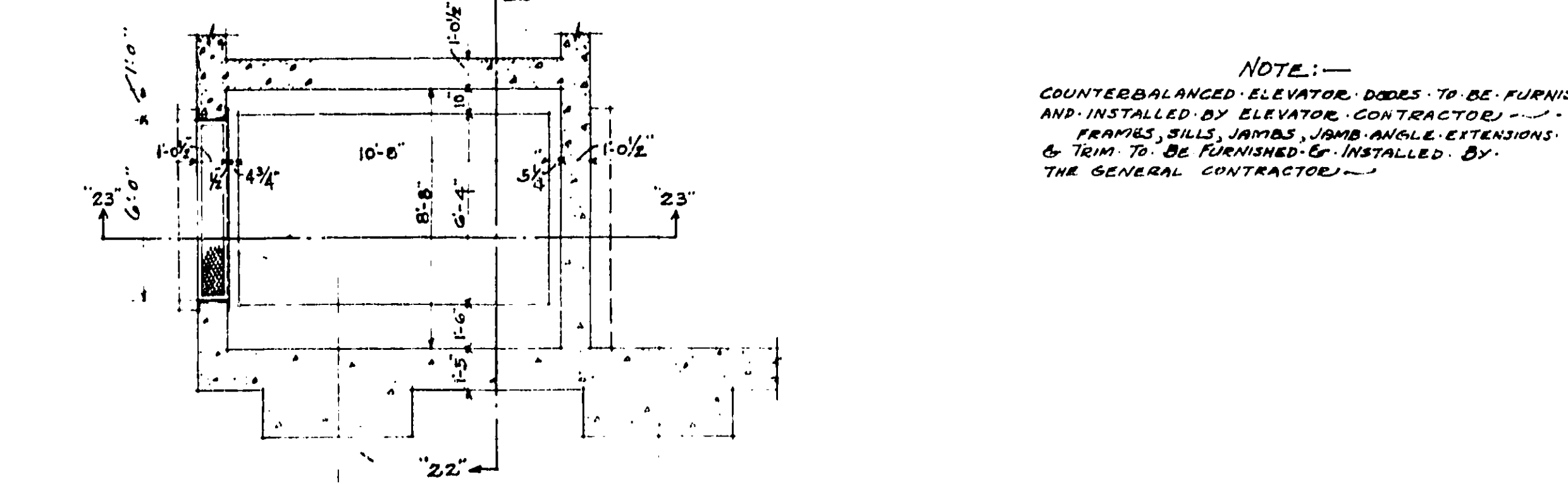
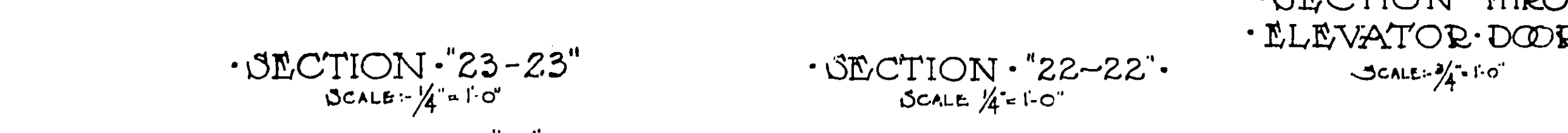
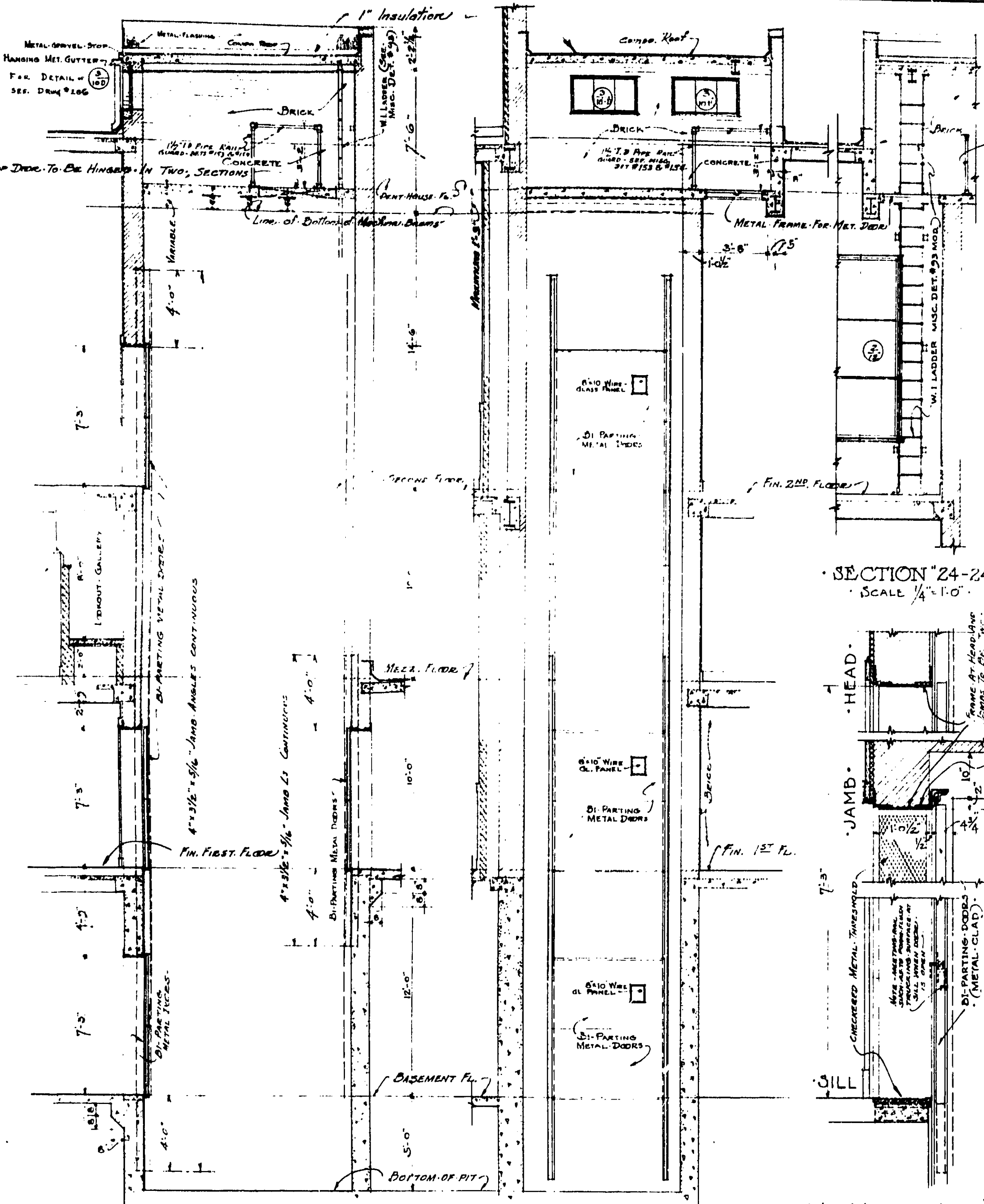
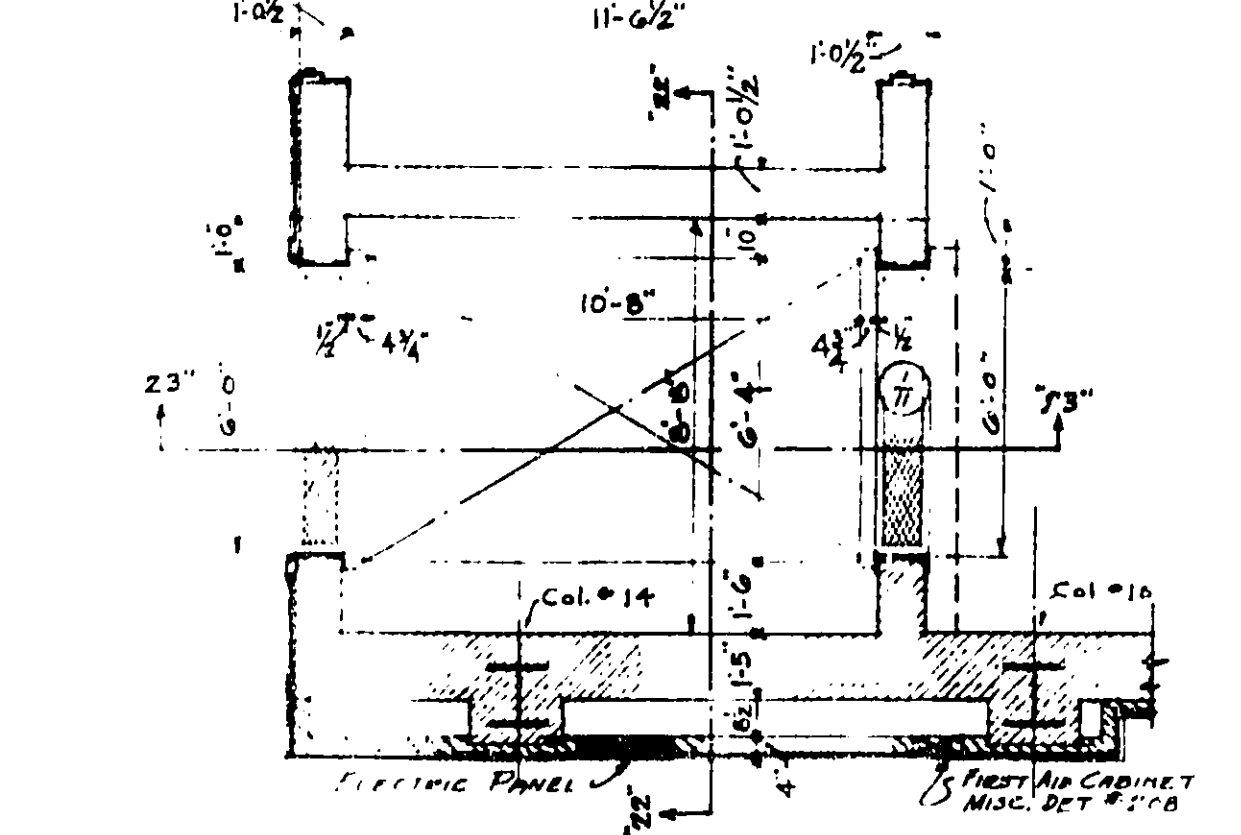
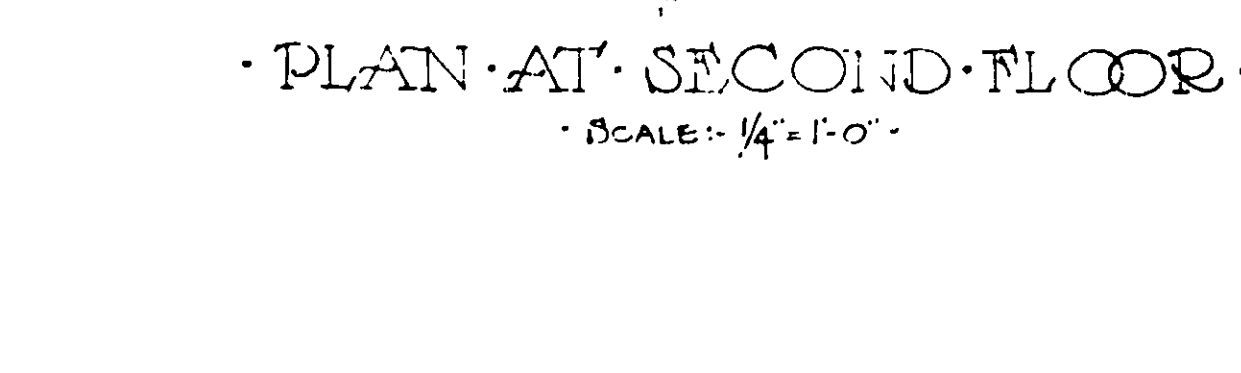
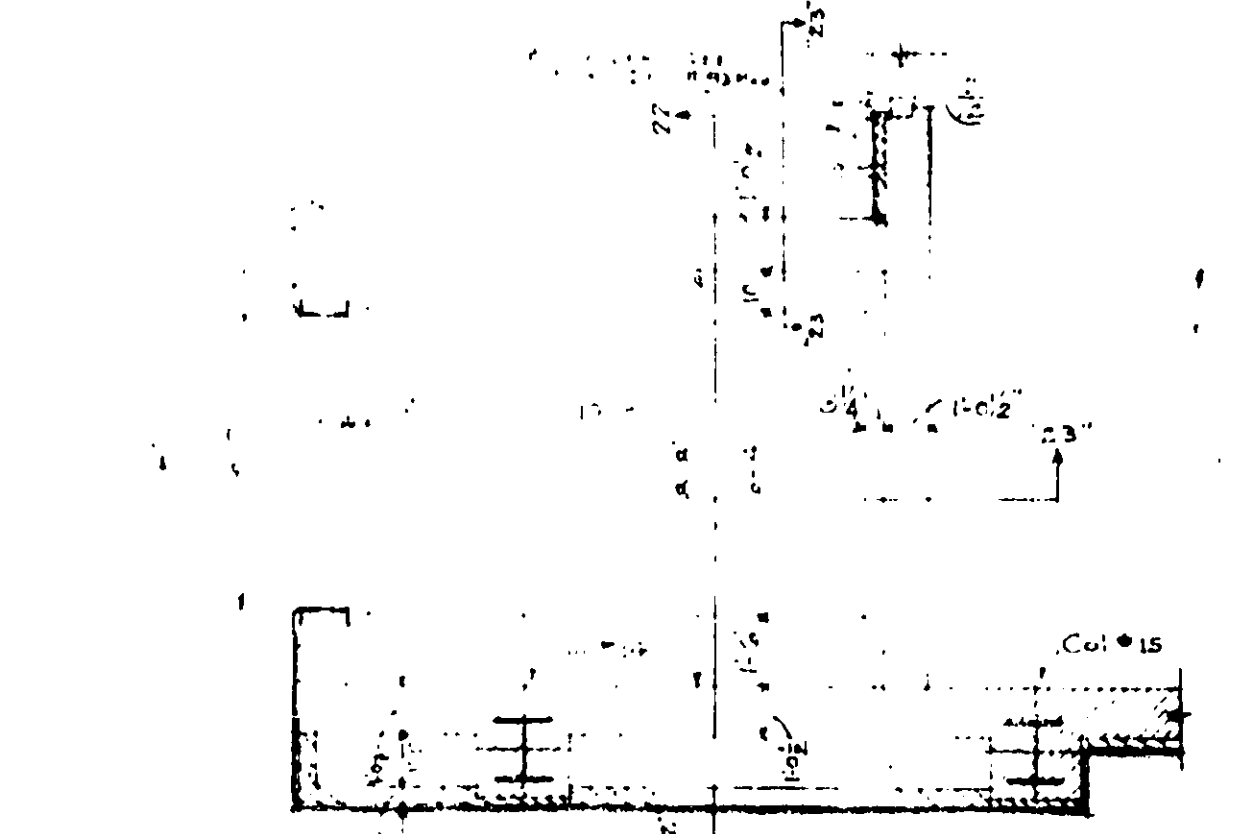
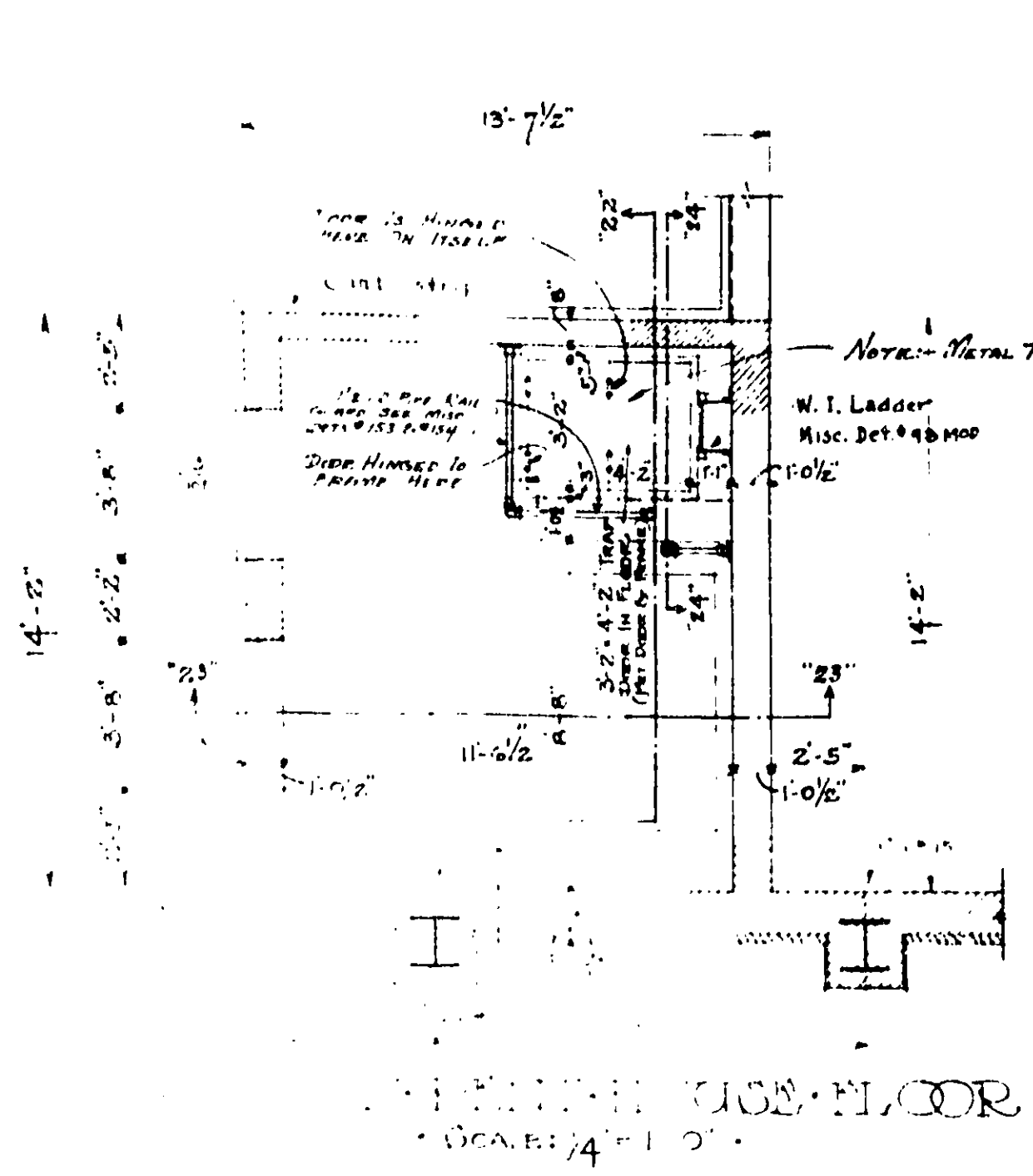
TOILET DETAILS
 -SCALE 3/4" = 1'-0" UNLESS OTHERWISE NOTED-

TREASURY DEPARTMENT
PROCUREMENT DIVISION
 C. J. PROFFER, DIRECTOR OF PROCUREMENT

PUBLIC BUILDINGS BRANCH
 W. E. REYNOLDS, ASSISTANT DIRECTOR OF PROCUREMENT
 LOUIS A. SIMON, ARCHITECT
 NEAL A. MELJOCK, SUPERVISING ENGINEER

APPROVED
 W. G. NOLL, CHIEF OF ARCHITECTURE
 N. S. THOMPSON, CHIEF OF MECHANICAL ENGINEERING
 T. C. BROOKS, CHIEF OF STRUCTURAL ENGINEERING

BUILDING FEDERAL OFFICE BLDG
 CITY HOUSTON, TEX.
 DRAWN BY J. M. SMITH DATE 1/22/31
 CHECKED BY J. L. DATE 1/22/31
 DRAWING No. 211



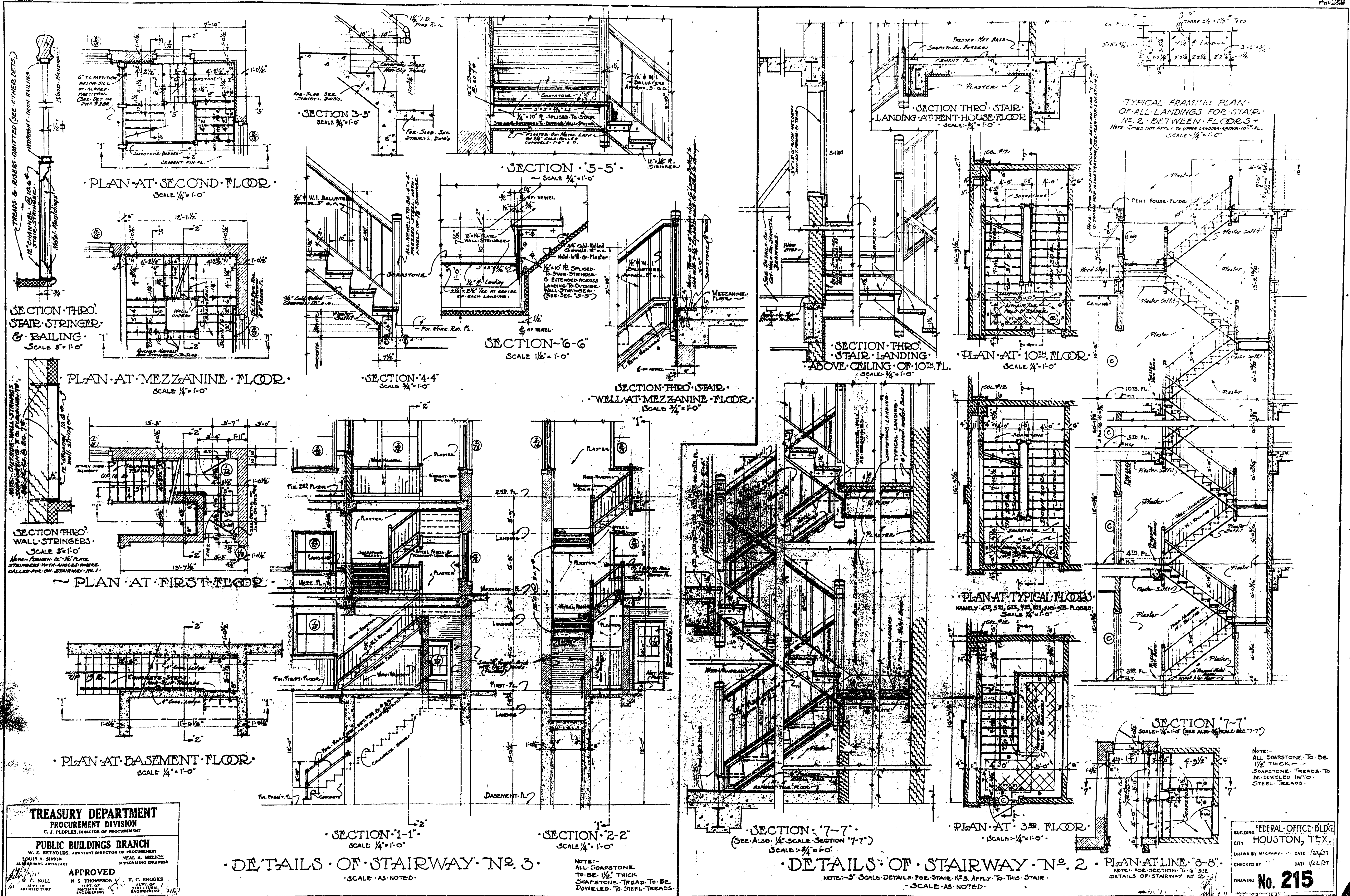
NOTE:—
COUNTERBALANCED ELEVATOR DOORS TO BE FURNISHED AND INSTALLED BY ELEVATOR CONTRACTOR.
FRAMES, SILLS, JAMBS, JAMB ANGLE EXTENSIONS & TRIM TO BE FURNISHED & INSTALLED BY THE GENERAL CONTRACTOR.

ELEVATION
APPLIED TO...
PROVIDE...
BASEMENT...
DETAILS OF SIGNALING...
FOR ELEVATORS...
SCALE: HALF SIZE...
NOTE: THESE PANELS TO BE FURNISHED...

TREASURY DEPARTMENT
PROCUREMENT DIVISION
PUBLIC BUILDINGS BRANCH
APPROVED
NEAL A. MELICK
SUPERVISING ARCHITECT

DETAILS OF FREIGHT ELEVATOR NO. 3
SCALE AS NOTED

U.S. FEDERAL GOVERNMENT
No. 213



TREASURY DEPARTMENT
PROCUREMENT DIVISION
 C. J. PEOPLES, DIRECTOR OF PROCUREMENT

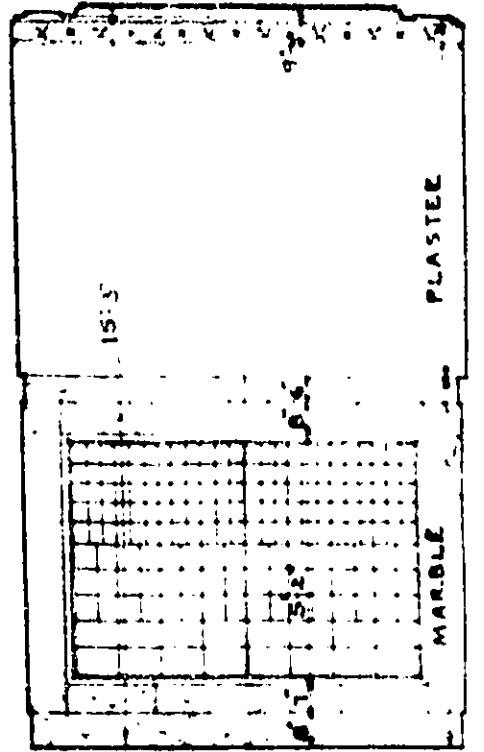
PUBLIC BUILDINGS BRANCH
 W. E. REYNOLDS, ASSISTANT DIRECTOR OF PROCUREMENT
 LOUIS A. SIMON, ARCHITECT
 NEAL A. MELNICK, ASSISTANT ARCHITECT

APPROVED
 N. S. THOMPSON, CHIEF OF MECHANICAL ENGINEERING
 T. C. BROOKS, CHIEF OF ELECTRICAL ENGINEERING

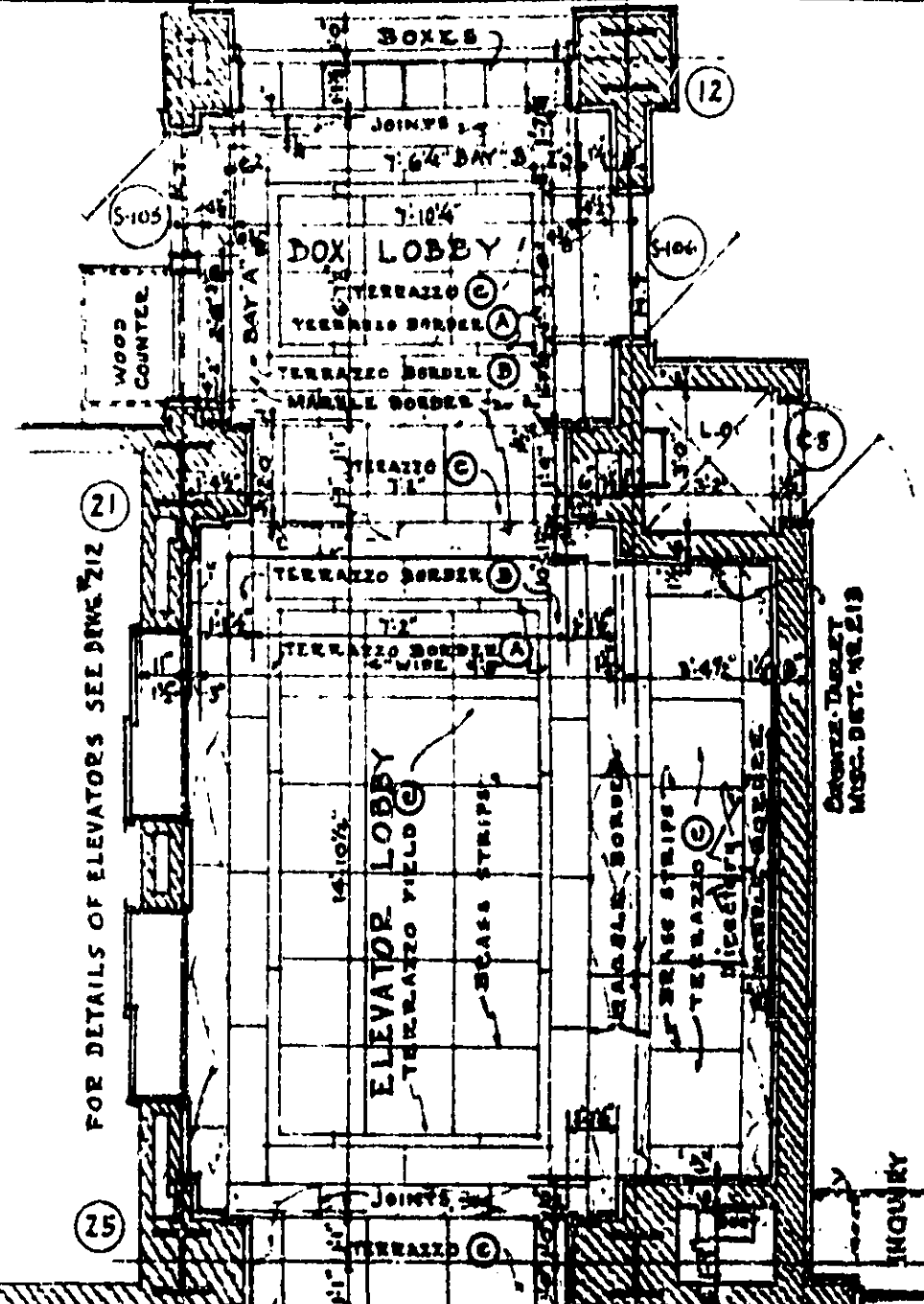
DETAILS OF STAIRWAY NO. 3
 SCALE AS NOTED

DETAILS OF STAIRWAY NO. 2
 SCALE AS NOTED

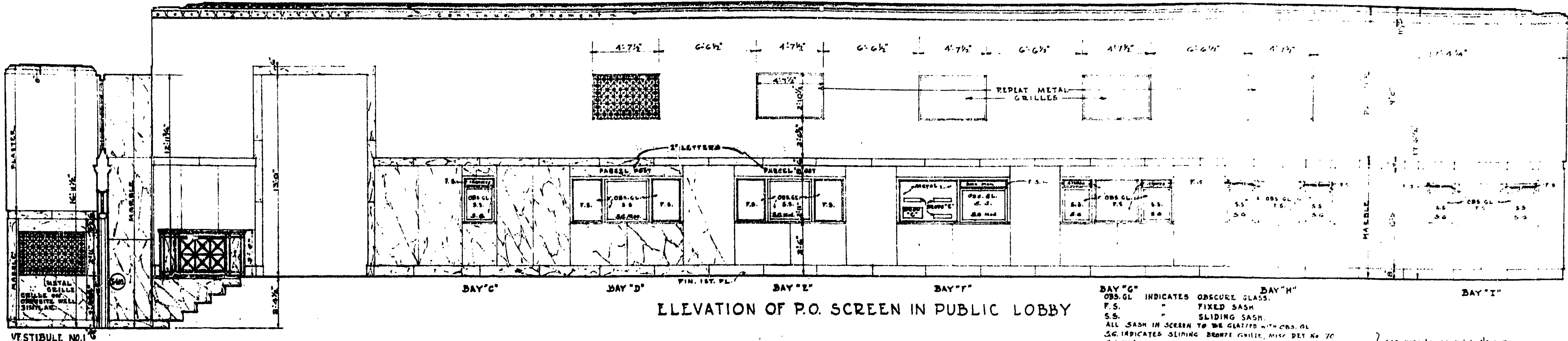
FEDERAL OFFICE BLDG.
 HOUSTON, TEX.
 DRAWN BY MCGRAW DATE 1/22/57
 CHECKED BY DATE 1/22/57
DRAWING No. 215



FRONT ELEVATION OF BOX BAY BAY "D"

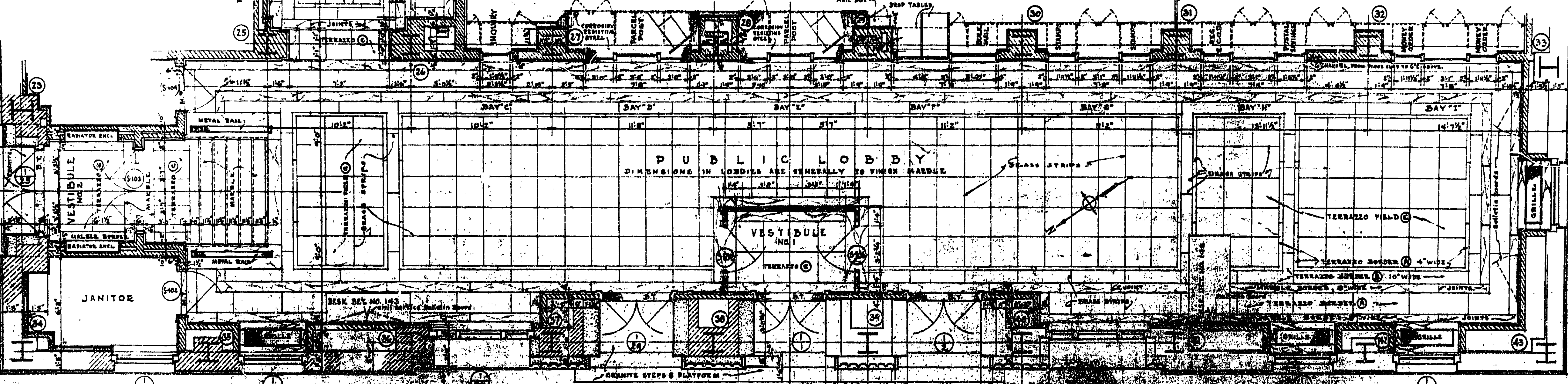


FOR DETAILS OF ELEVATORS SEE DRAWING NO. 217



ELEVATION OF P.O. SCREEN IN PUBLIC LOBBY

BAY "G" OBS. GL. INDICATES OBSCURE GLASS
 F.S. FIXED SASH
 S.S. SLIDING SASH
 ALL SASH IN SCREEN TO BE GLAZED WITH OBS. GL.
 S.C. INDICATES SLIDING BRASS GRILLE, HANG DET. NO. 70
 S.C. MOD. } SEE DETAILS ON DRAWING NO. 217



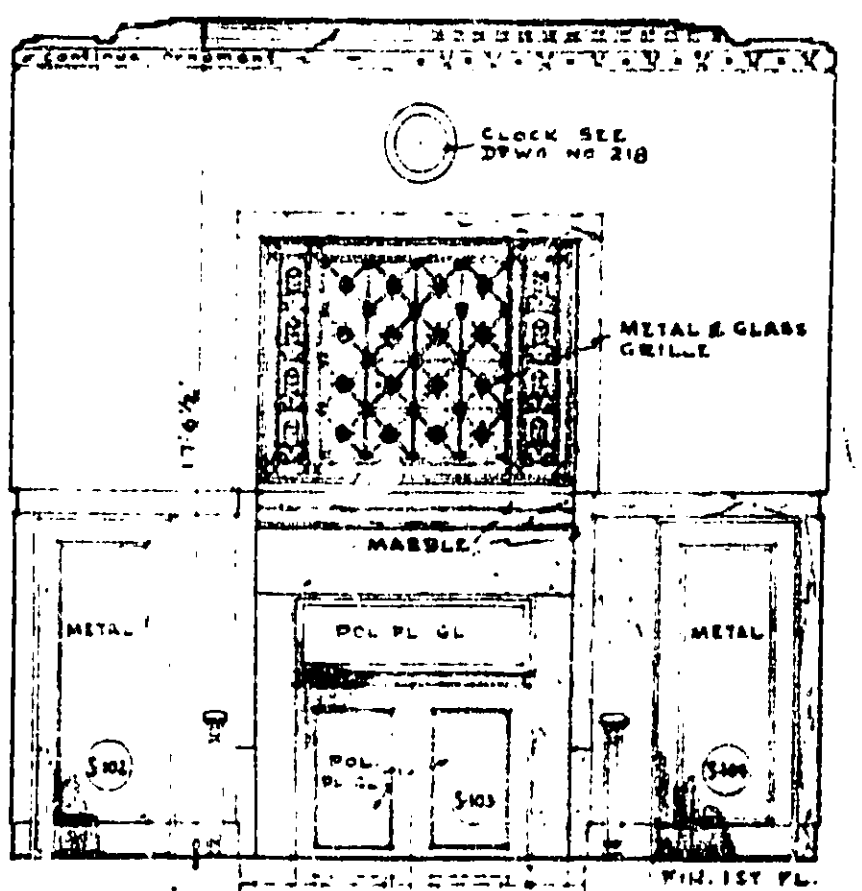
PLAN OF PUBLIC LOBBY 1ST FLOOR

BOX SCHEDULE

NO. 1 BOXES	120
NO. 2 DRAWERS	48
NO. 3 DRAWERS	16
TOTAL	184

BOXES, DRAWERS IN BOX BAY & DROPS TO BE FURNISHED BY THE GOVERNMENT & INSTALLED BY CONTRACTOR.
 S E DROPS
 C DROPS
 BOXES & DRAWERS OF DROVE IN GREEN DESIGN. DROPS TO BE BRONZE.

FOR DETAILS SEE DWGS. 217 TO 219 INCL.



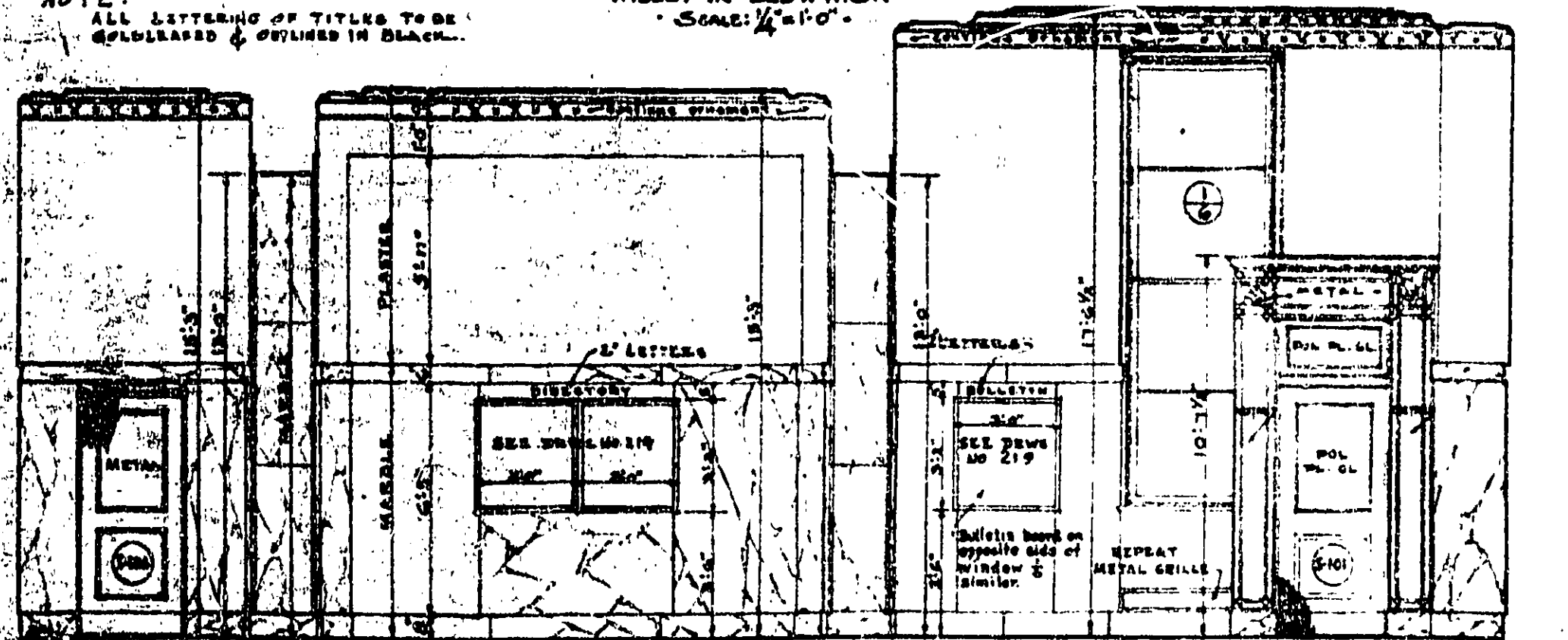
NORTH ELEVATION IN PUBLIC LOBBY

NOTE: FOR CONCRETE REINFORCEMENT AND SIZE OF STRUCTURAL MEMBERS, SEE STRUCTURAL DRAWINGS.

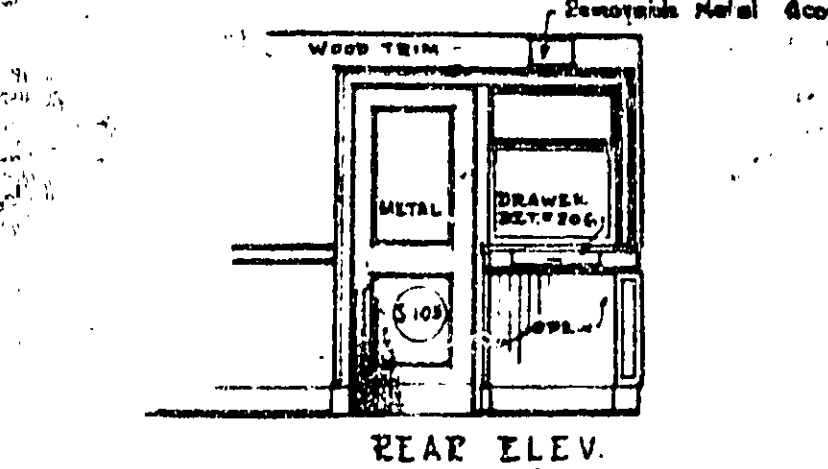
SECTION - THRO. SOUTH SIDE OF ELEVATOR LOBBY SHOWING BRONZE TABLET IN ELEVATION SCALE: 1/4" = 1'-0"



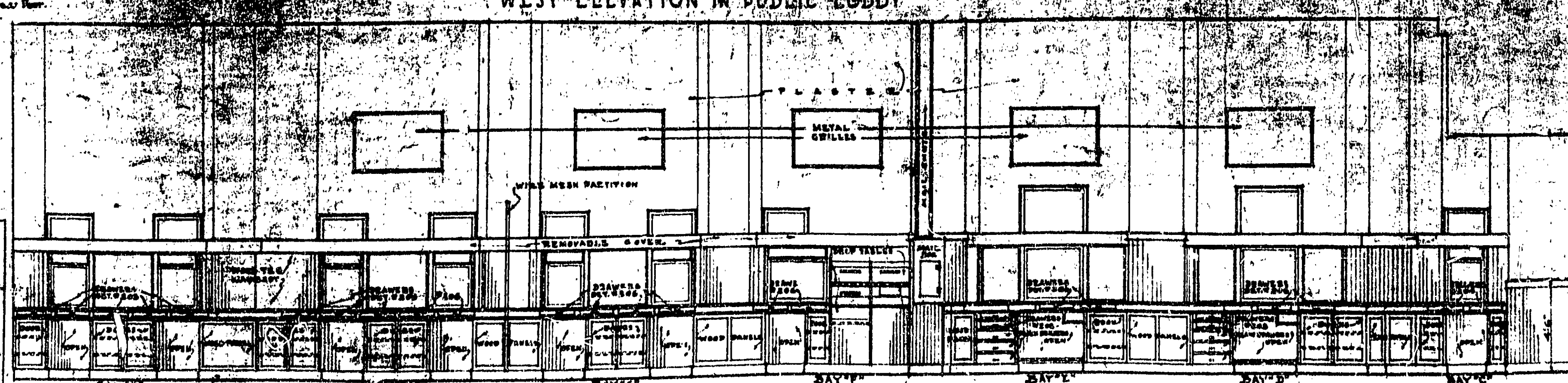
WEST ELEVATION IN PUBLIC LOBBY



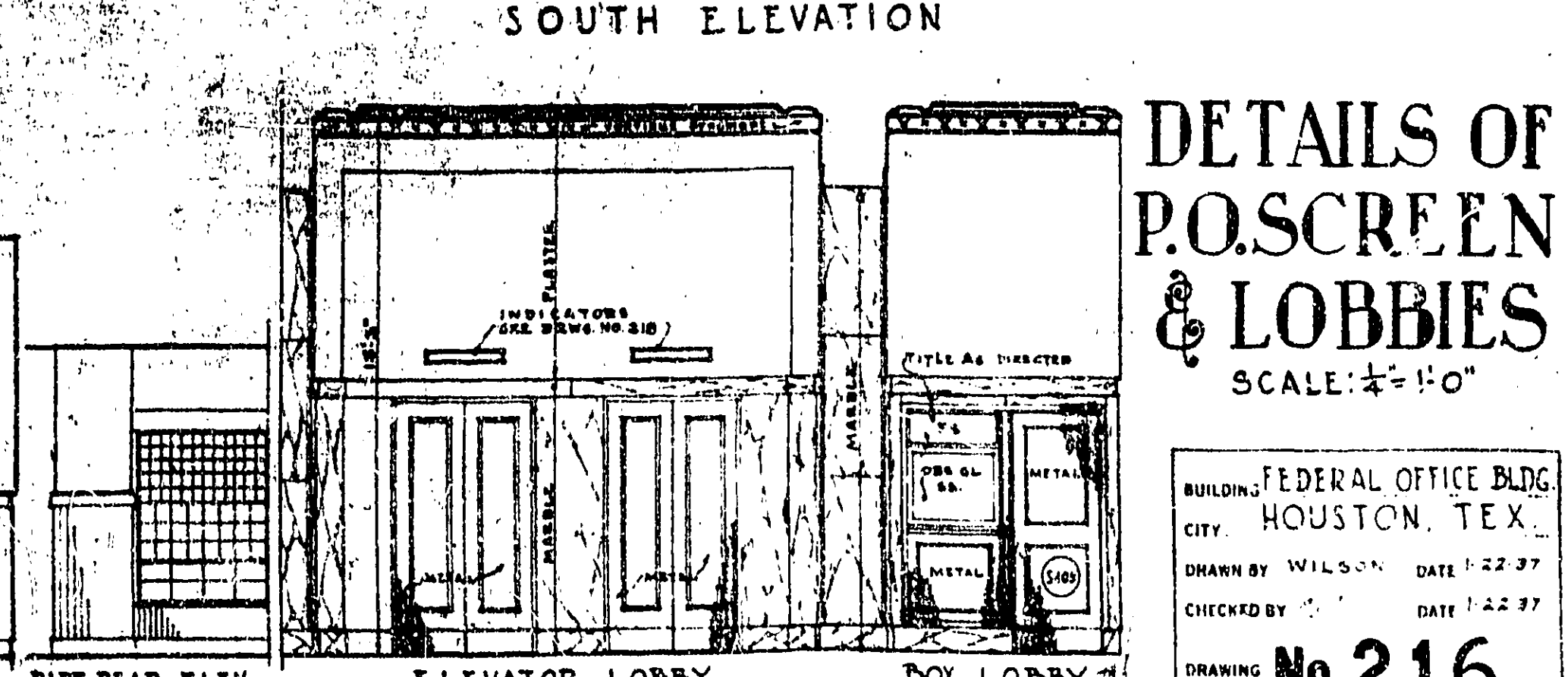
SOUTH ELEVATION



REAR ELEV. BAY "A"



REAR ELEVATION OF SCREEN

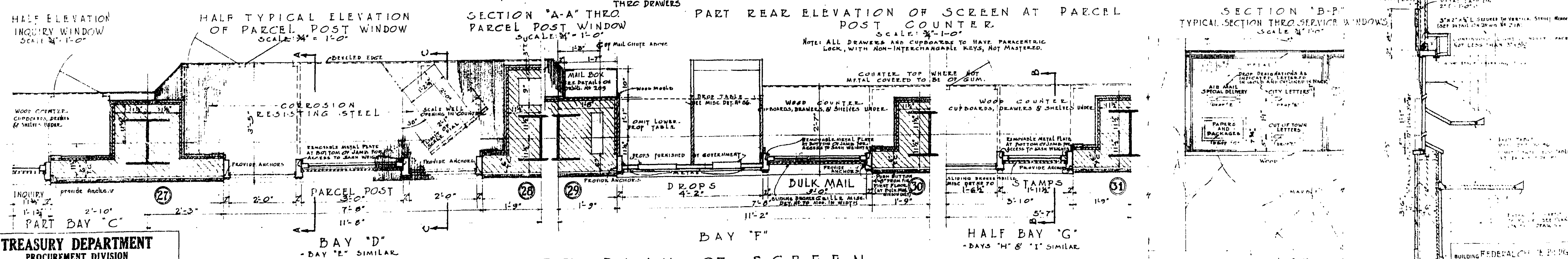
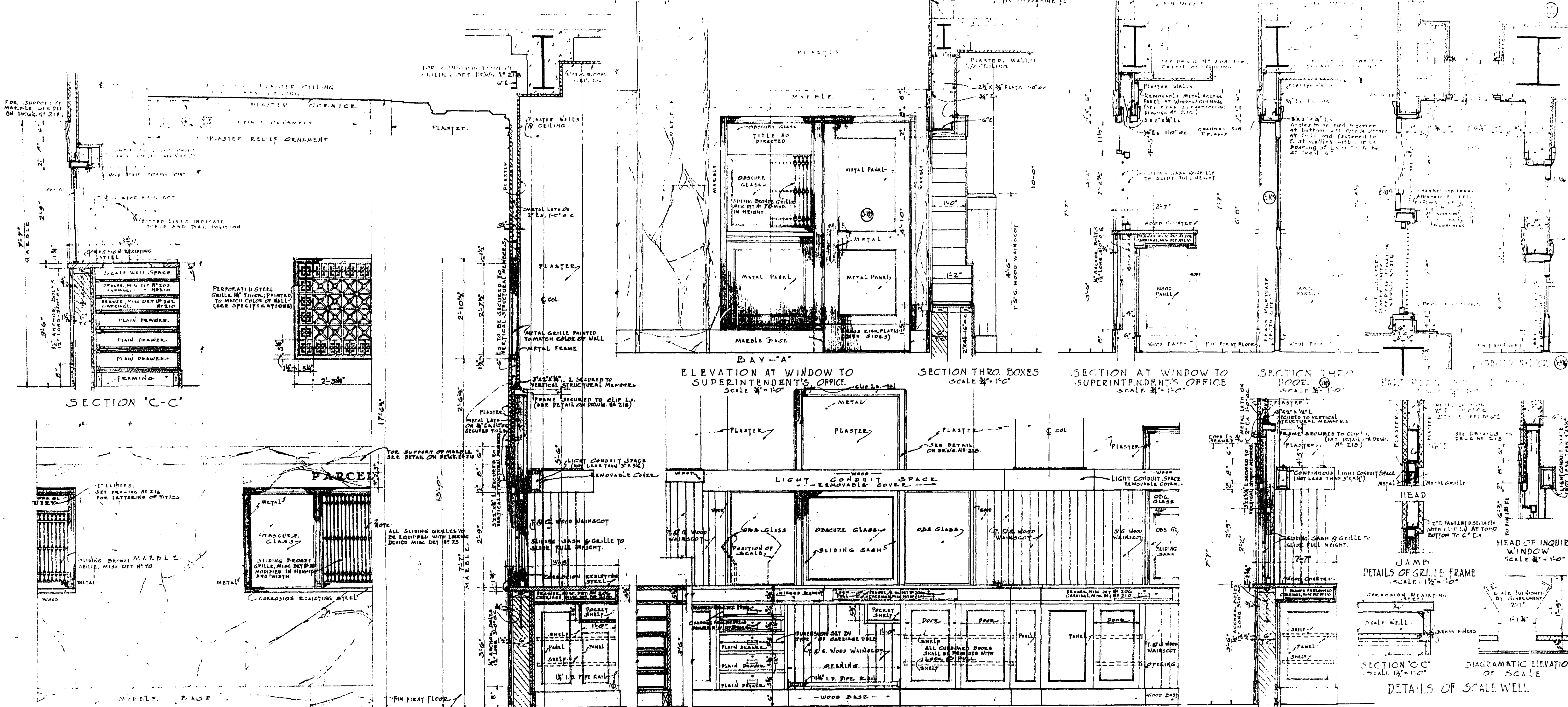


ELEVATOR LOBBY NORTH ELEVATION

DETAILS OF P.O. SCREEN & LOBBIES
 SCALE: 1/4" = 1'-0"

BUILDING: FEDERAL OFFICE BLDG.
 CITY: HOUSTON, TEX.
 DRAWN BY: WILSON DATE: 1-22-37
 CHECKED BY: DATE: 1-22-37
 DRAWING No. 216

TREASURY DEPARTMENT
PROCUREMENT DIVISION
PUBLIC BUILDINGS BRANCH
 W. E. REYNOLDS, ASSISTANT DIRECTOR OF PROCUREMENT
 LOUIS A. SIMON, SUPERVISING ARCHITECT
 NEAL A. MELICK, SUPERVISING ENGINEER
APPROVED
 W. G. NOLL, SUPT. OF ARCHITECTURE
 N. S. THOMPSON, SUPT. OF MECHANICAL ENGINEERING
 T. C. BROOKS, SUPT. OF ELECTRICAL ENGINEERING



TREASURY DEPARTMENT
PROCUREMENT DIVISION
C. J. PEPPER, DIRECTOR OF PROCUREMENT

PUBLIC BUILDINGS BRANCH
W. L. REYNOLDS, ASSISTANT DIRECTOR OF PROCUREMENT
LOUIS A. SIMON, SUPERVISING ARCHITECT
NEAL A. HELICK, ARCHITECT

APPROVED
W. C. NOEL, ARCHITECT
N. S. THOMPSON, SUPERVISOR
T. C. BROOKS, ARCHITECT

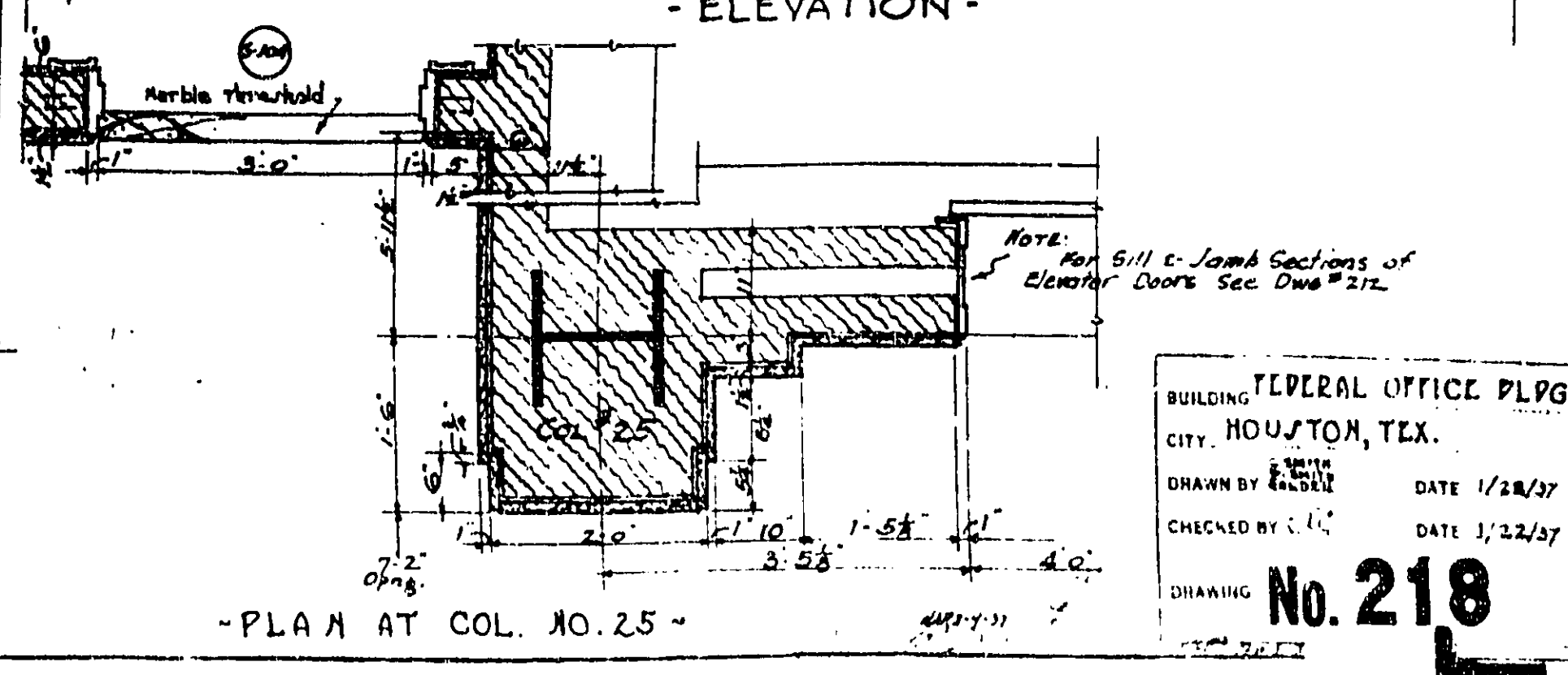
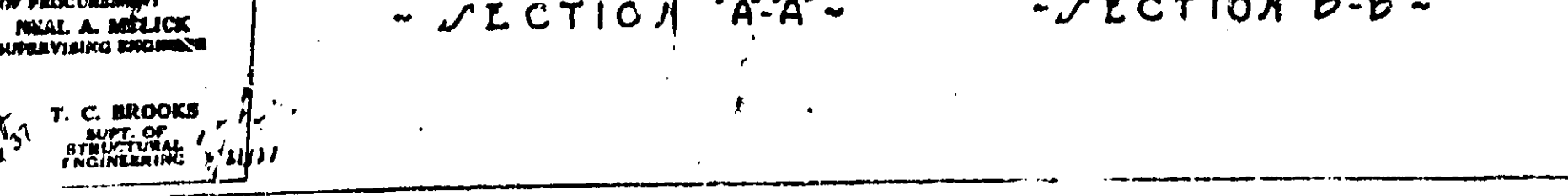
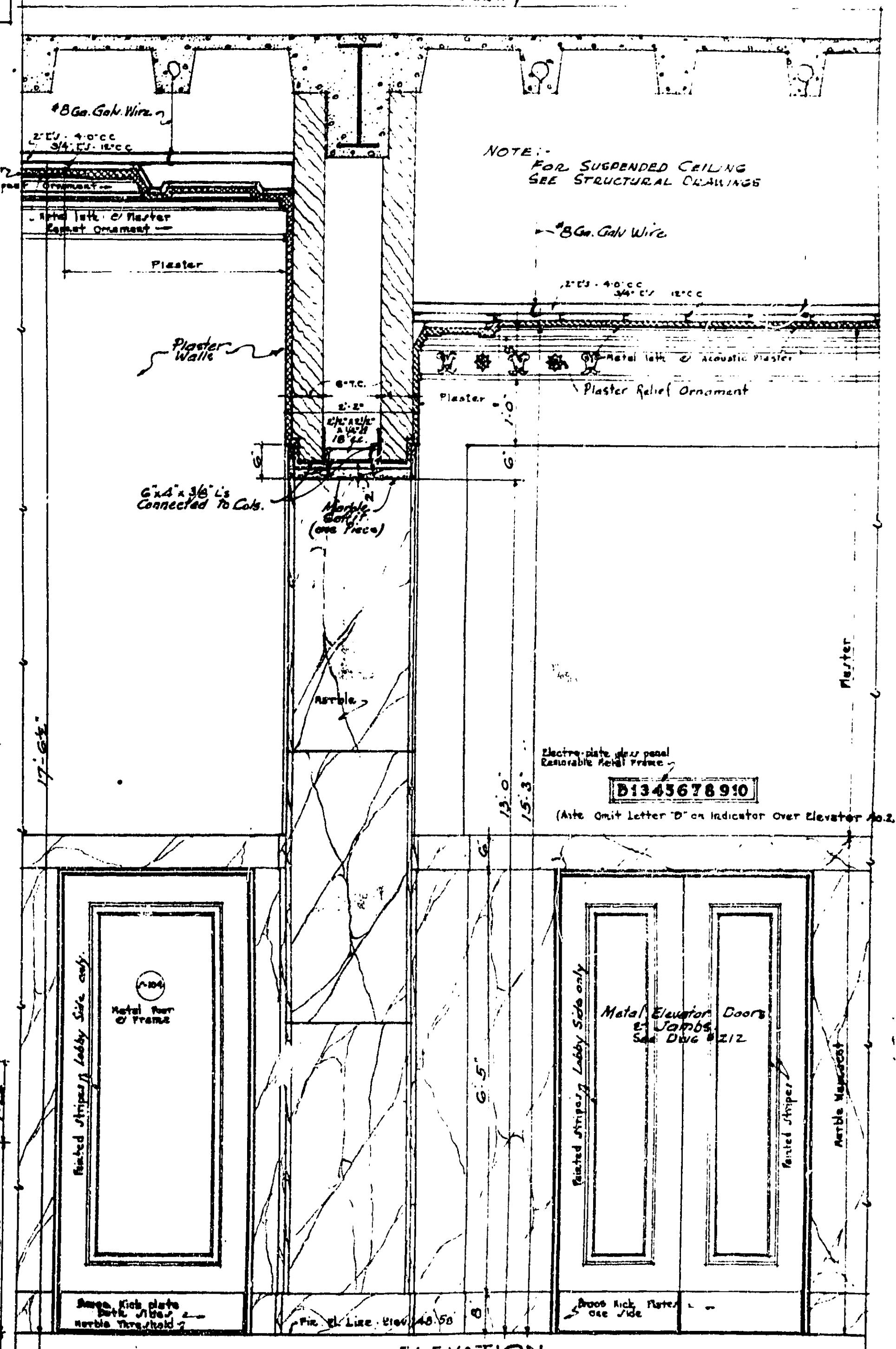
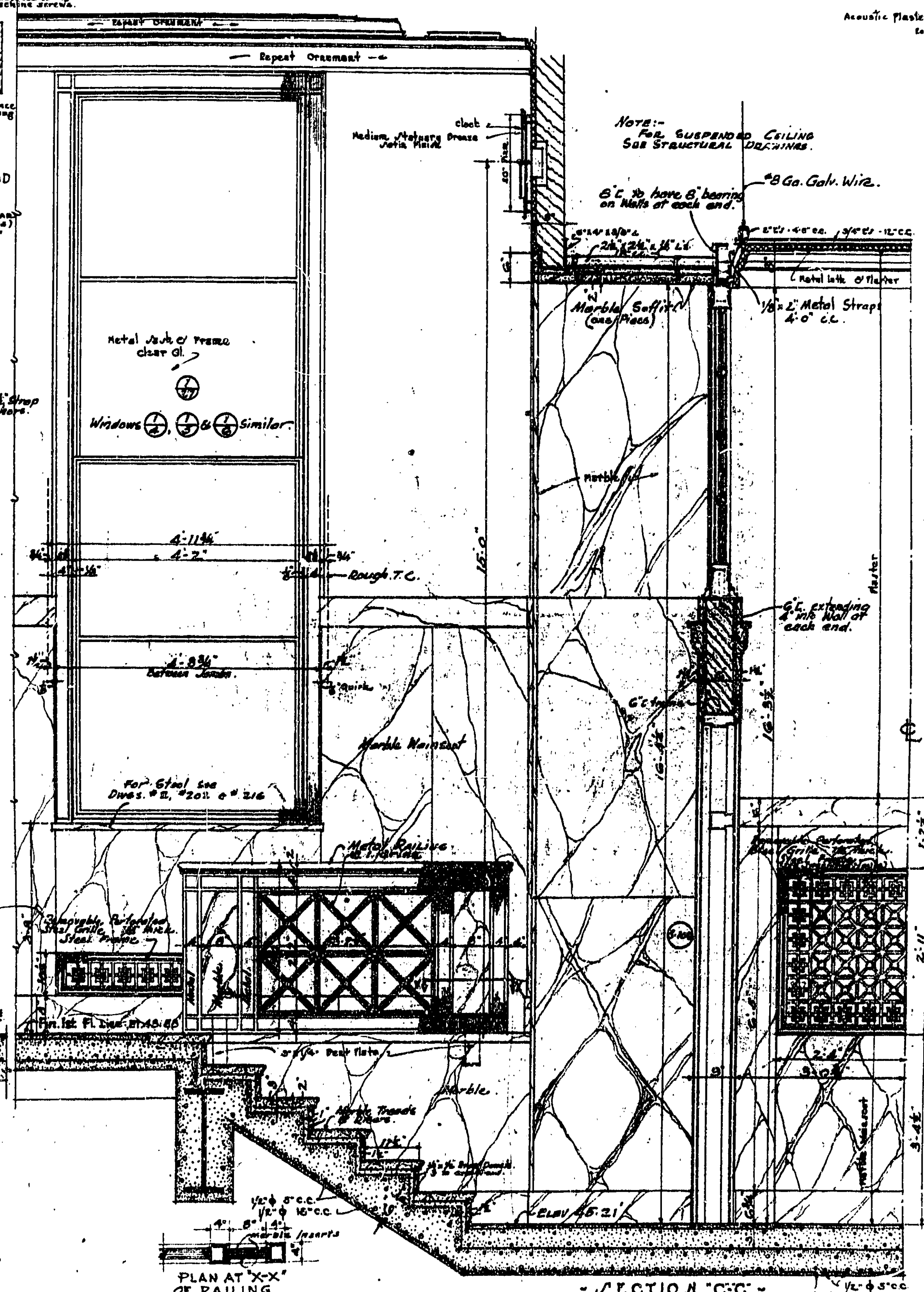
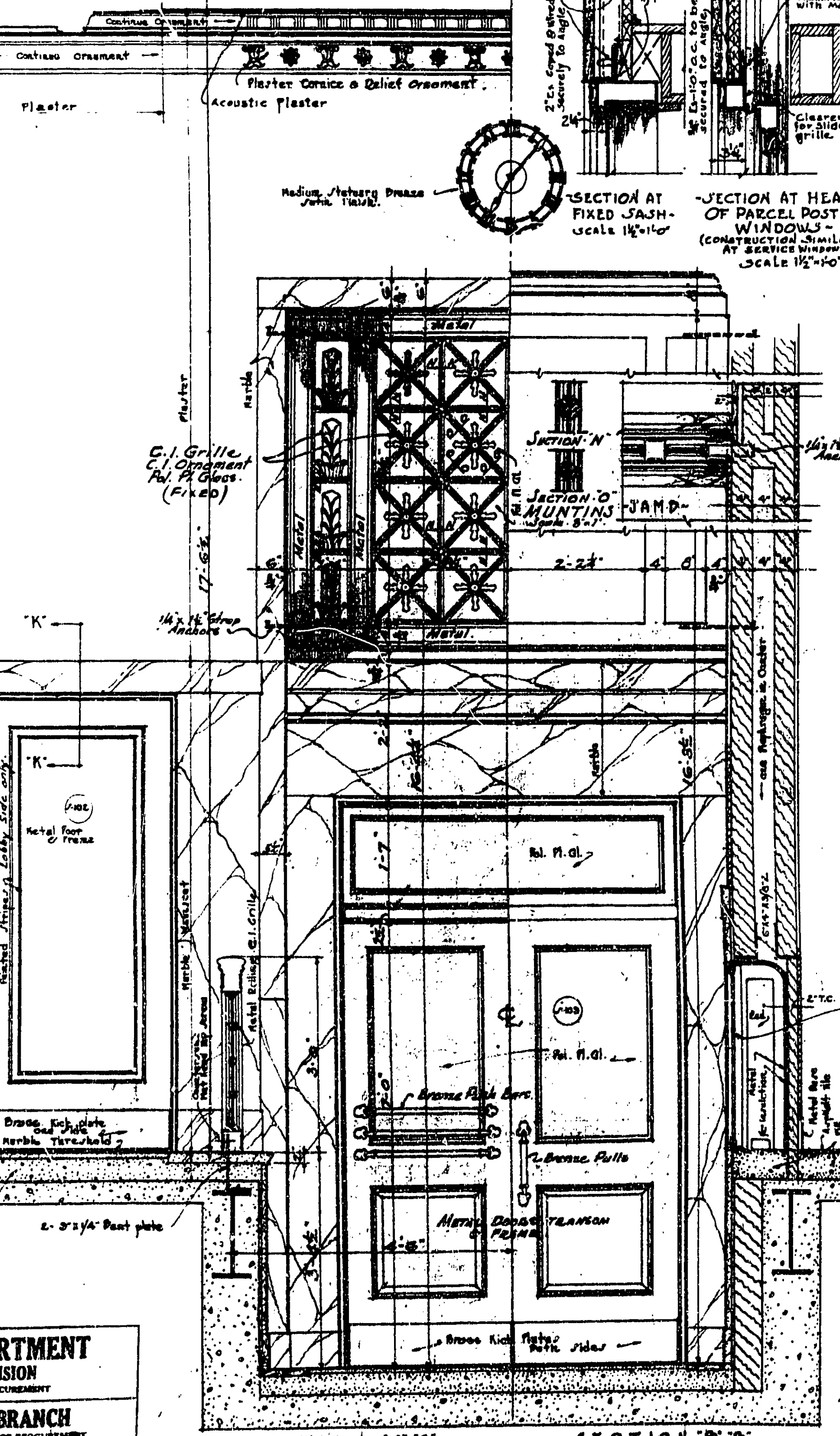
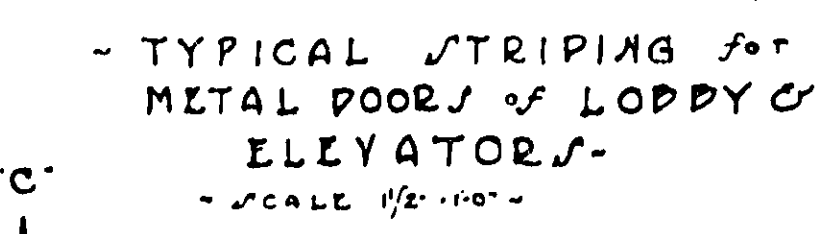
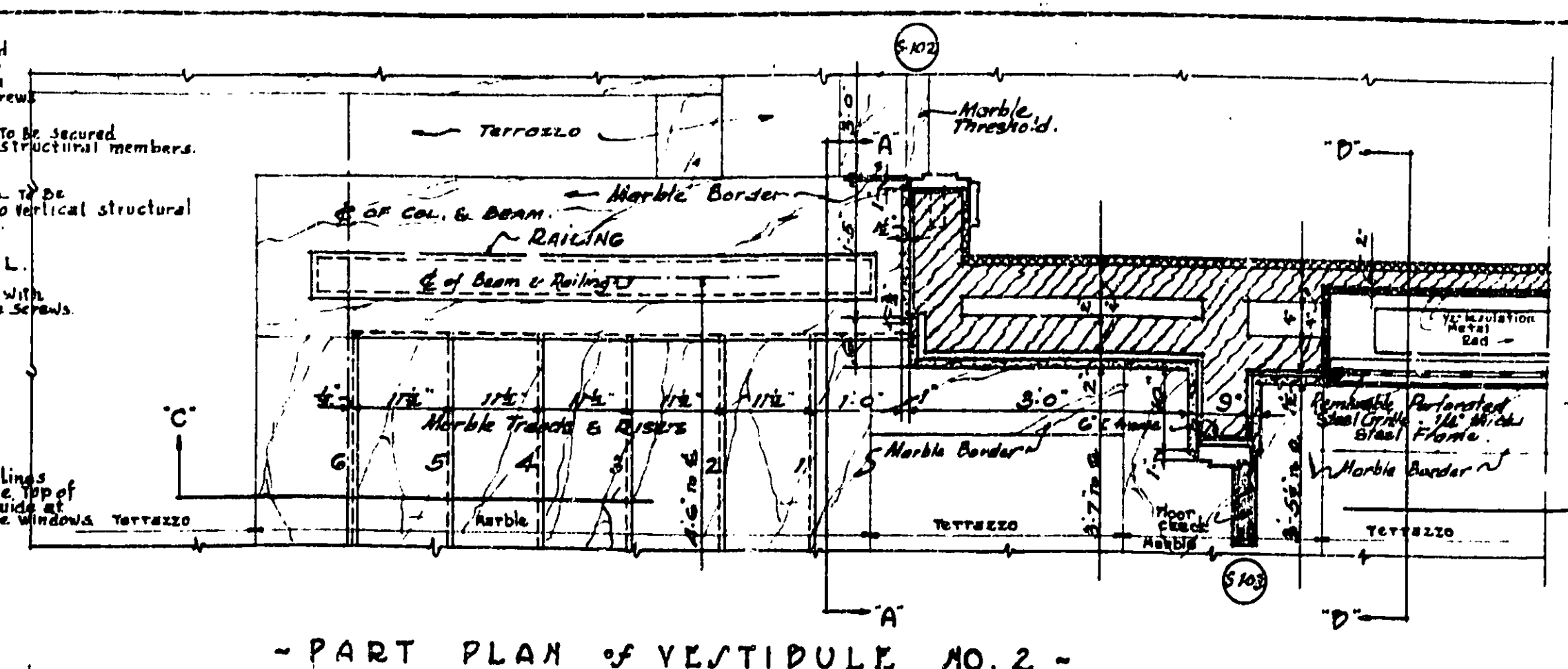
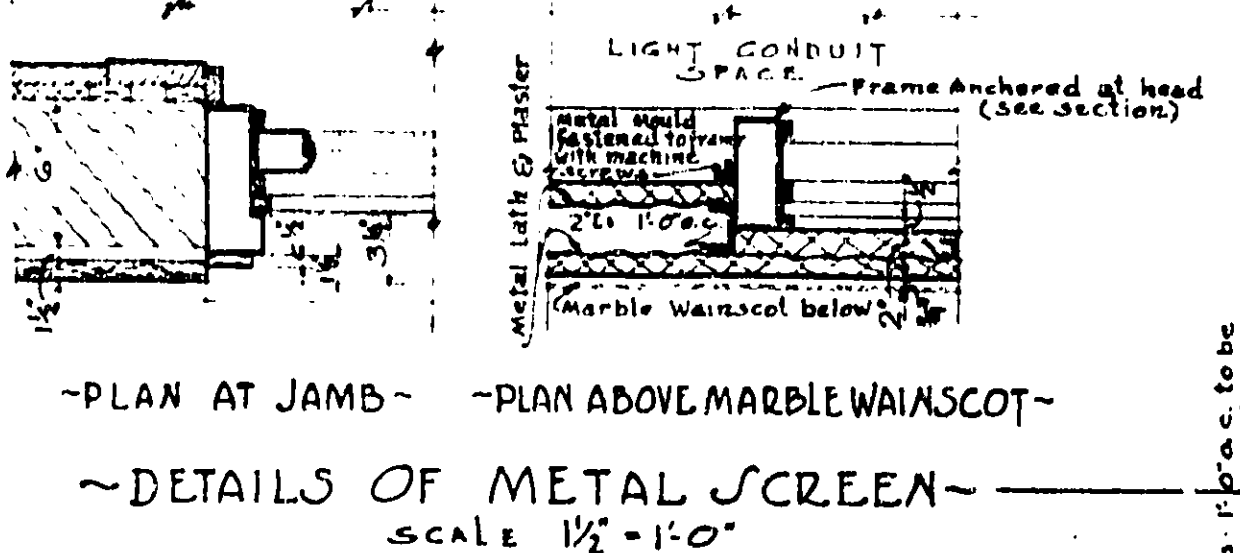
NOTE: FIGURED DIMENSIONS MUST BE FOLLOWED IN PREFERENCE TO SCALE DIMENSIONS FOR CONCRETE REINFORCEMENT AND SIZE OF STRUCTURAL MEMBERS, SEE STRUCTURAL DRAWINGS.

PARTS NOT SHOWN ARE SIMILAR (FOR COMPLETE SCREEN SEE PLAN ON DRAWING NO. 216)
SCALE 1/4" = 1'-0"

SCREEN DETAILS

BUILDING FEDERAL OFFICE BLDG.
CITY OF WASHINGTON, D.C.

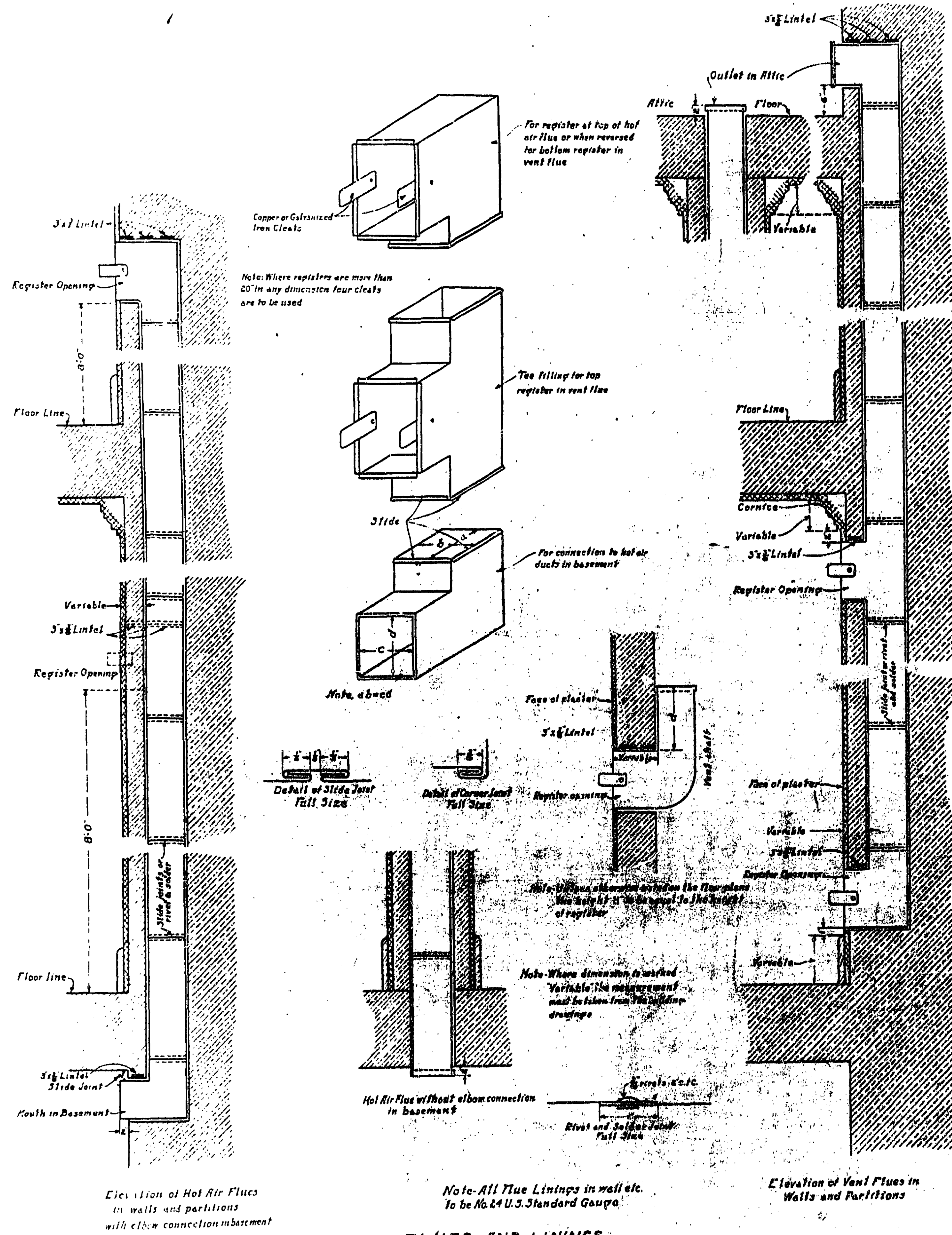
DRAWN BY: DATE: 1/24/27
CHECKED BY: DATE: 1/24/27
DRAWING No. 217



LOBBY DETAILS
SCALE 3/4" = 1'-0"

TREASURY DEPARTMENT
PROCUREMENT DIVISION
C. J. PEOPLES, DIRECTOR OF PROCUREMENT
PUBLIC BUILDINGS BRANCH
W. E. REYNOLDS, ASSISTANT DIRECTOR OF PROCUREMENT
LOUIS A. SIMON, SUPERVISING ARCHITECT
APPROVED
N. S. THOMPSON, CHIEF OF DIVISION
T. C. BROOKS, CHIEF OF DIVISION

BUILDING FEDERAL OFFICE PLBG
CITY, HOUSTON, TEX.
DRAWN BY [Signature] DATE 1/24/37
CHECKED BY [Signature] DATE 1/22/37
DRAWING **No. 218**

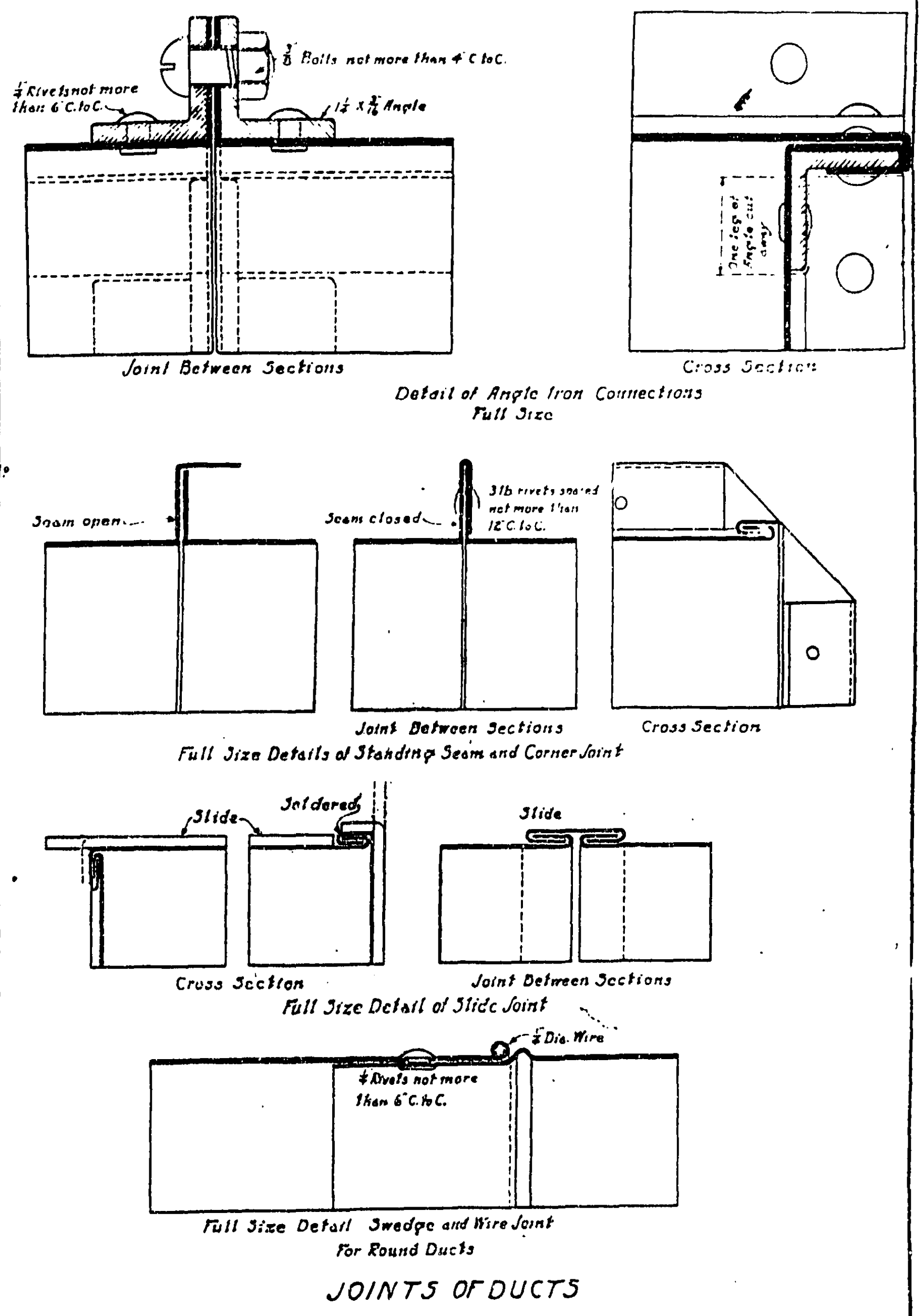


FLUES AND LININGS

SCHEDULE

The dimensions of the flue linings are given on the floor plans. The dimensions of the register openings for same are to be taken from this schedule

Size of Flue		Size of Register		Size of Flue		Size of Register	
Depth Ins.	Width Ins.	Width Ins.	Weight Ins.	Depth Ins.	Width Ins.	Width Ins.	Height Ins.
6	6	6	9	12	30	30	18
6	8	8	10	12	36	36	18
6	10	10	10				
6	12	12	9	13	9	9	20
6	14	14	7	13	12	12	20
6	16	16	9	13	14	14	20
				13	16	16	20
8	6	6	12	13	18	18	21
8	8	8	12	13	20	20	20
8	10	10	12	13	22	22	20
8	12	12	12	13	24	24	20
8	14	14	12	13	26	26	20
8	16	16	12	13	28	28	20
8	18	18	12	13	30	30	20
8	20	20	12	13	36	36	20
8	22	22	14				
8	24	24	12	14	10	10	24
				14	12	12	24
9	9	9	14	14	14	14	22
9	10	10	14	14	16	16	22
9	12	12	14	14	18	18	21
9	14	14	14	14	20	20	22
9	16	16	14	14	22	22	22
9	18	18	14	14	24	24	22
9	20	20	14	14	26	26	22
9	22	22	14	14	28	28	22
9	24	24	16	14	30	30	22
				14	36	36	22
10	8	8	16				
10	10	10	16	16	10	10	24
10	12	12	16	16	12	12	24
10	14	14	16	16	14	14	24
10	16	16	16	16	16	16	24
10	18	18	16	16	18	18	24
10	20	20	16	16	20	20	24
10	22	22	16	16	22	22	24
10	24	24	16	16	24	24	24
10	26	26	16	16	30	30	24
10	28	28	16	16	32	32	24
10	30	30	16	16	36	36	24
12	8	8	10				
12	10	10	10	18	12	12	30
12	12	12	18	18	14	14	22
12	14	14	10	18	16	16	22
12	16	16	18	18	18	18	27
12	18	18	18	18	20	20	22
12	20	20	20	18	22	22	22
12	22	22	20	18	24	24	27
12	24	24	18	18	26	26	22
12	26	26	20	18	30	30	22
12	28	28	20	18	36	36	22



JOINTS OF DUCTS

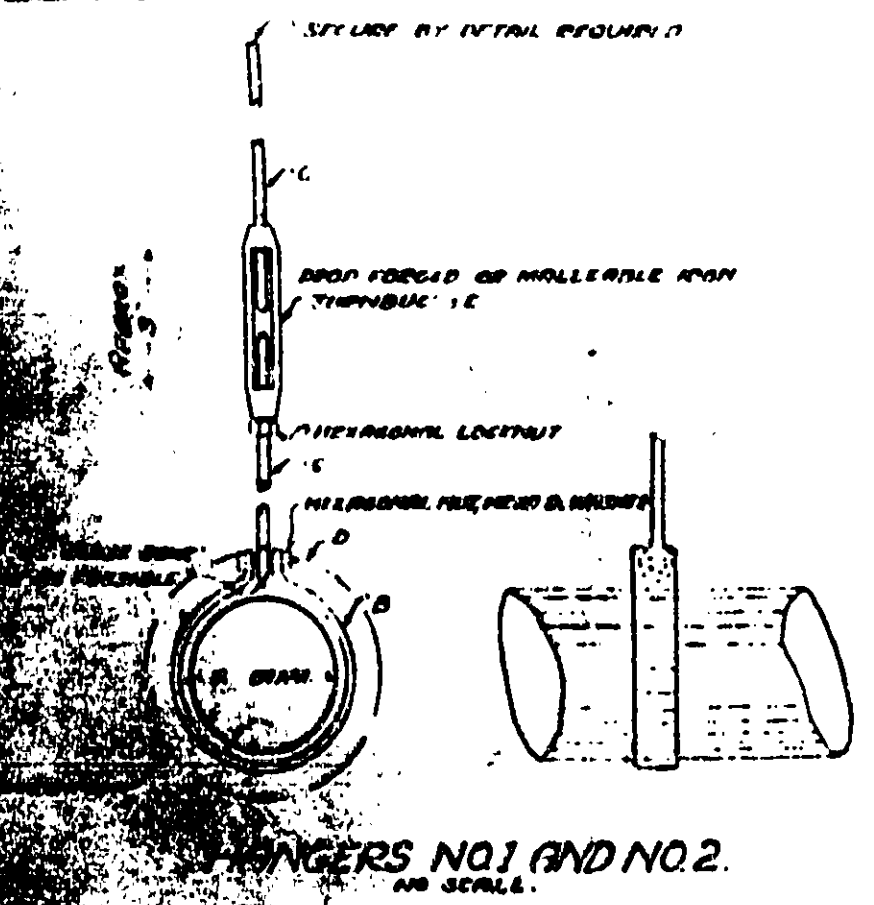
Longest Dimension of Ducts	Thickness U.S. Std.	Kind of Joint		Remarks
		Between Sections	Corner	
Up to 24"	16	Slide Joint	Double lock seams	Ducts 40" wide and over to be stiffened with 1/4" angles riveted to wide sides with 2 rivets spaced not more than 6" C to C. Angles to be not more than 24" C to C.
25" to 40"	22	Standing Seam	" "	
41" and over	20	Angle Iron	Angle Iron	
In all cases where the branch duct is 22" and smaller in depth than the main duct to which it connects, the connection is to be made by flanging out branch and riveting it to main duct.				
Round Ducts Diam.	Thickness U.S. Std.	Kind of Joint		Remarks
		Girth	Longitudinal	
Up to 24"	16	Slide Joint	Rivet & Solder	Where the depth of branch duct is within 22" of the depth of main duct to which it connects, connection to be made up as fitting.
25" to 40"	22	Sledge & Wire Joint	" "	
41" to 60"	20	Angle Iron Joint	" "	
61" and over	18	" "	" "	

TREASURY DEPARTMENT
PROCUREMENT DIVISION
PUBLIC BUILDINGS BRANCH
APPROVED

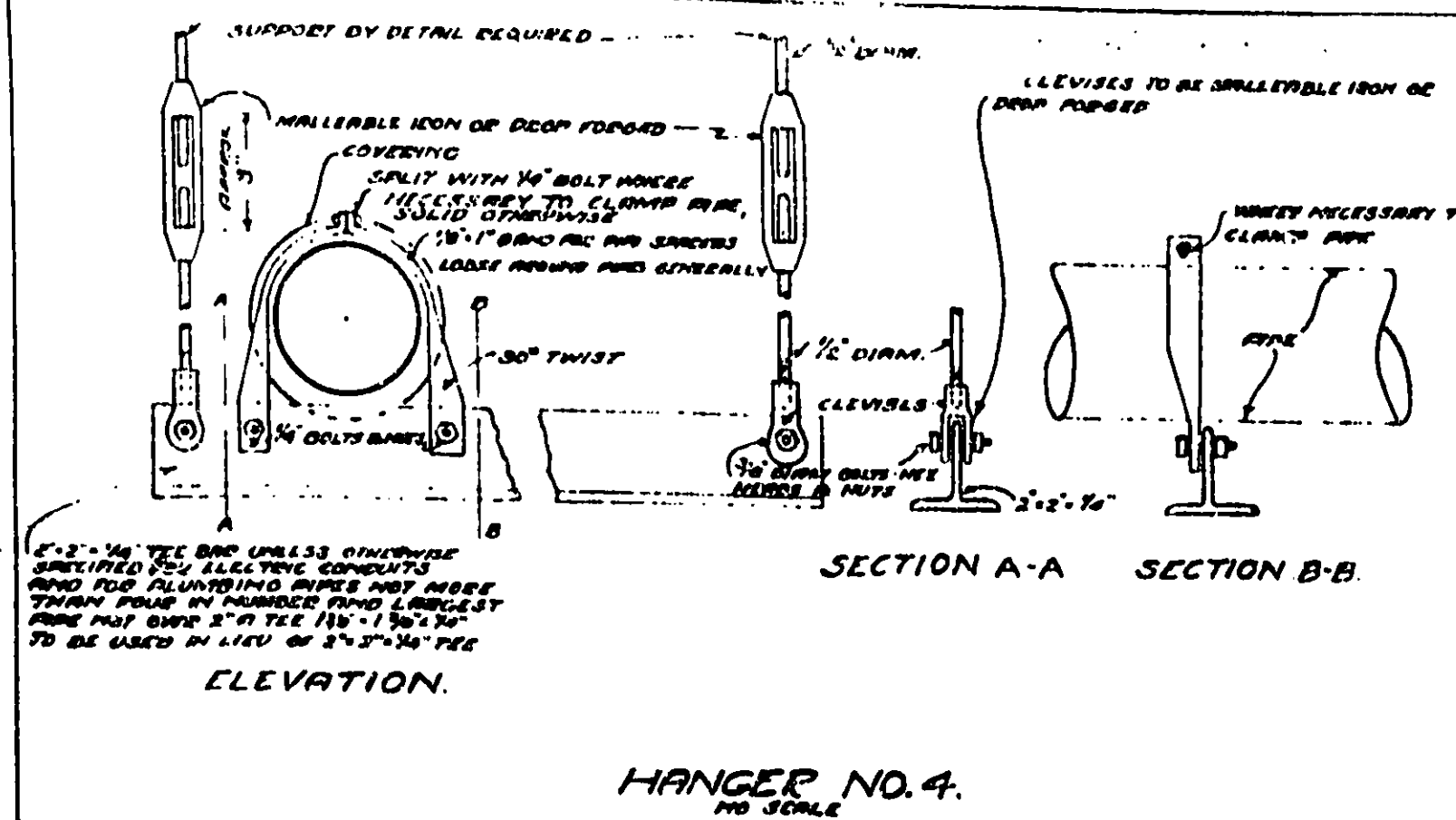
MISCL. DRAWING NO.300-C

DETAIL OF GALVANIZED IRON FLUES AND DUCTS

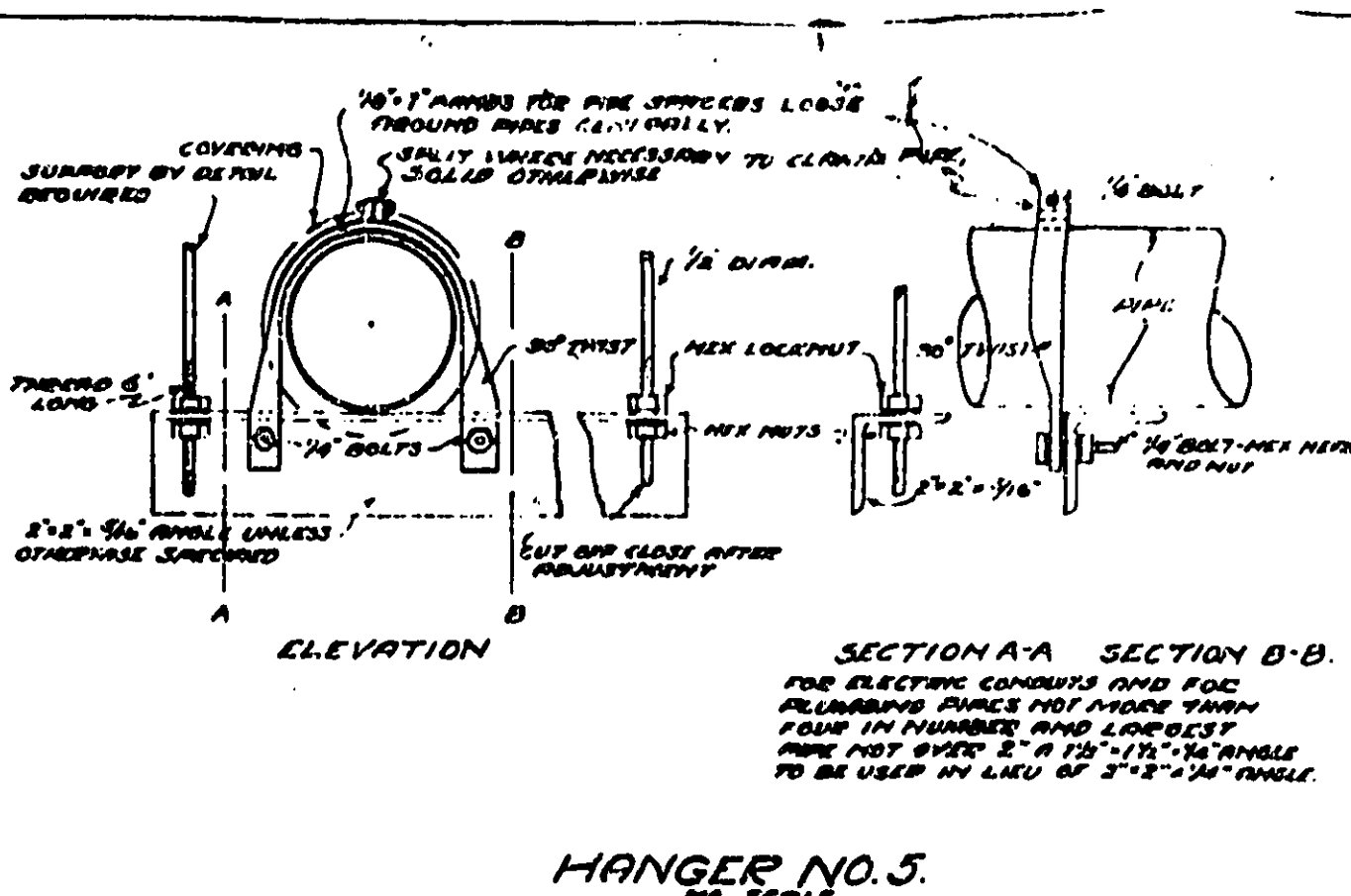
MISC. DR. NO.300-D



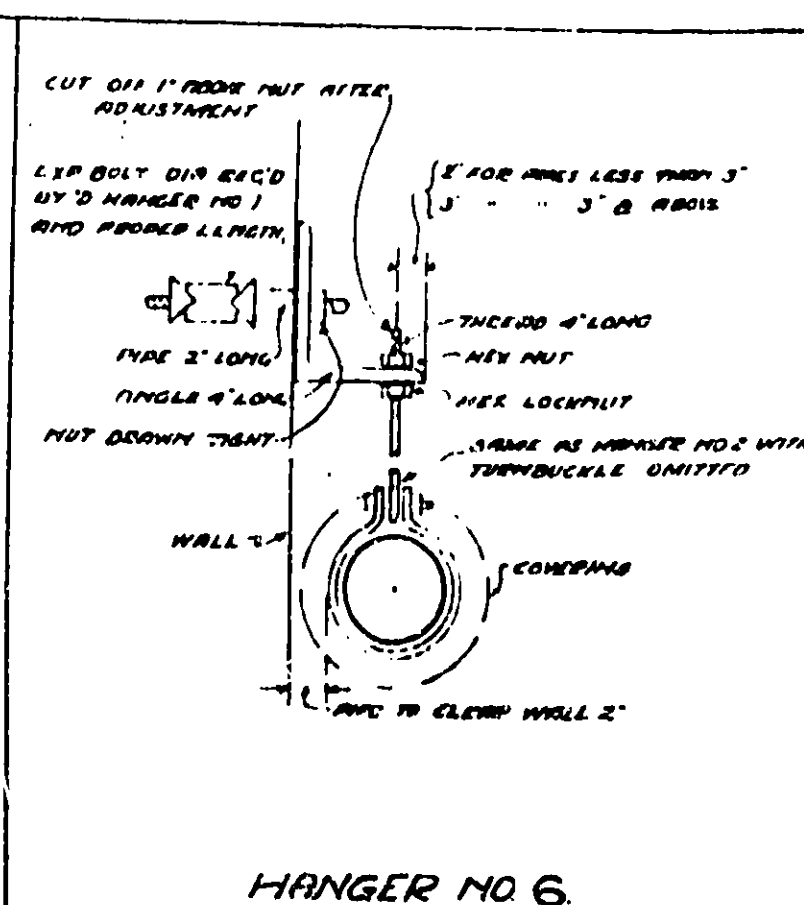
HANGER NO. 1 AND NO. 2. NO SCALE.



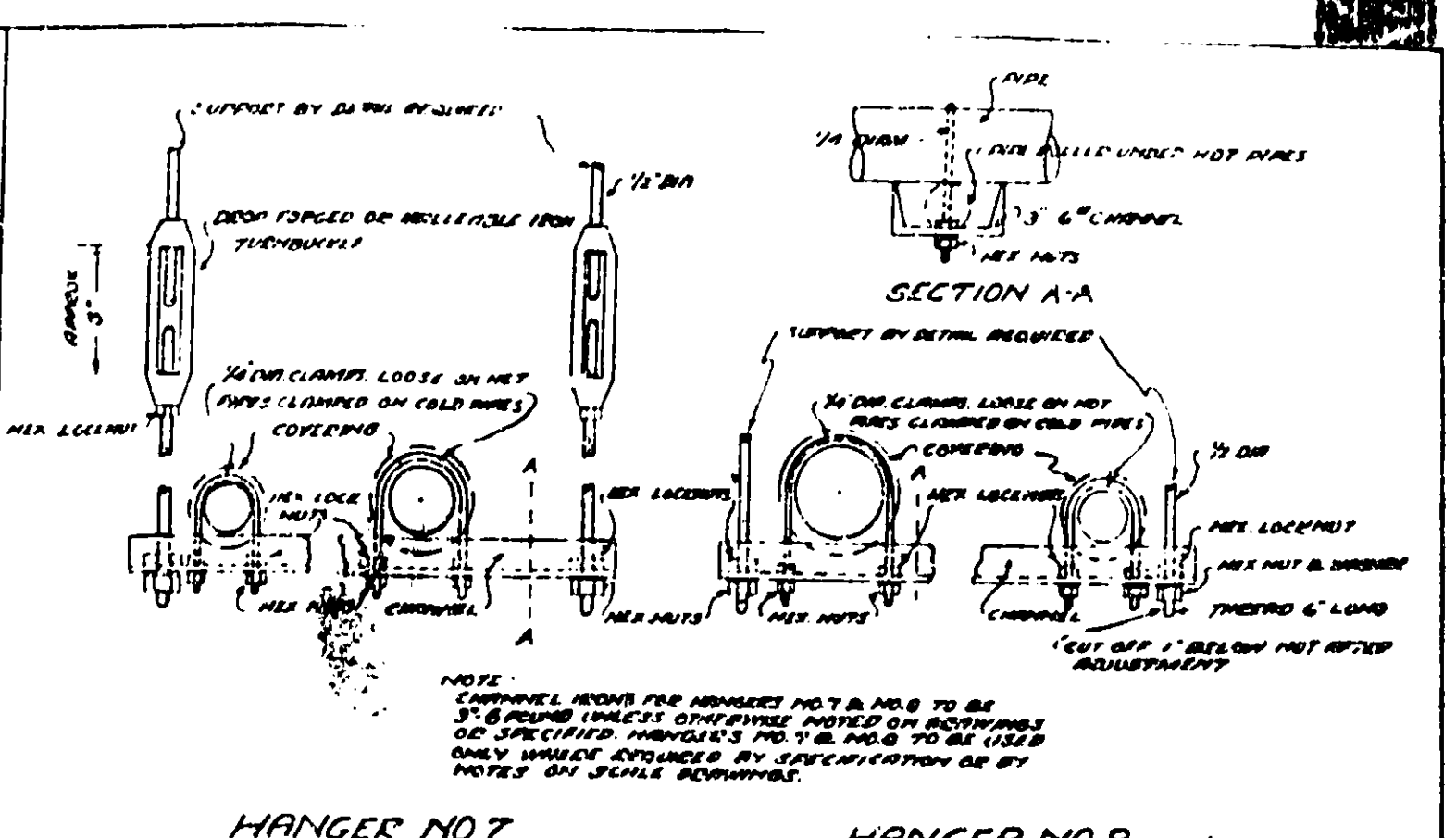
HANGER NO. 4. NO SCALE.



HANGER NO. 5. NO SCALE.

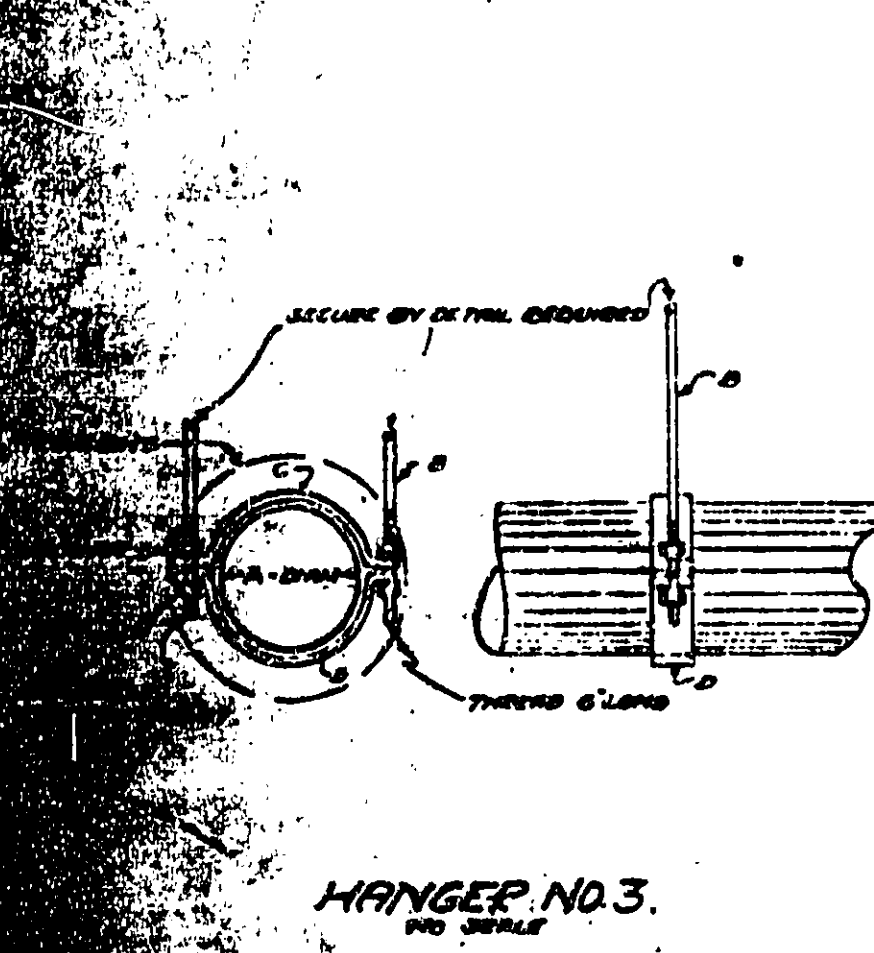


HANGER NO. 6. NO SCALE.



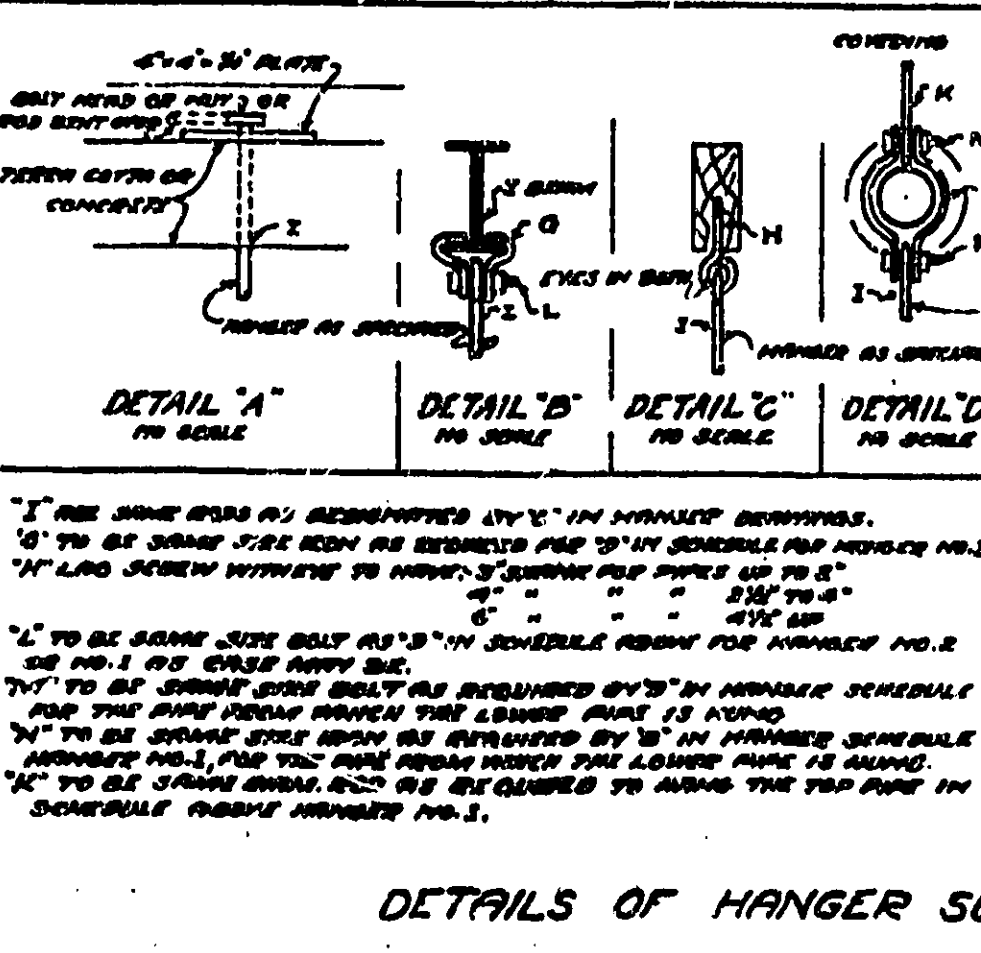
HANGER NO. 7. NO SCALE.

HANGER NO. 8. NO SCALE.

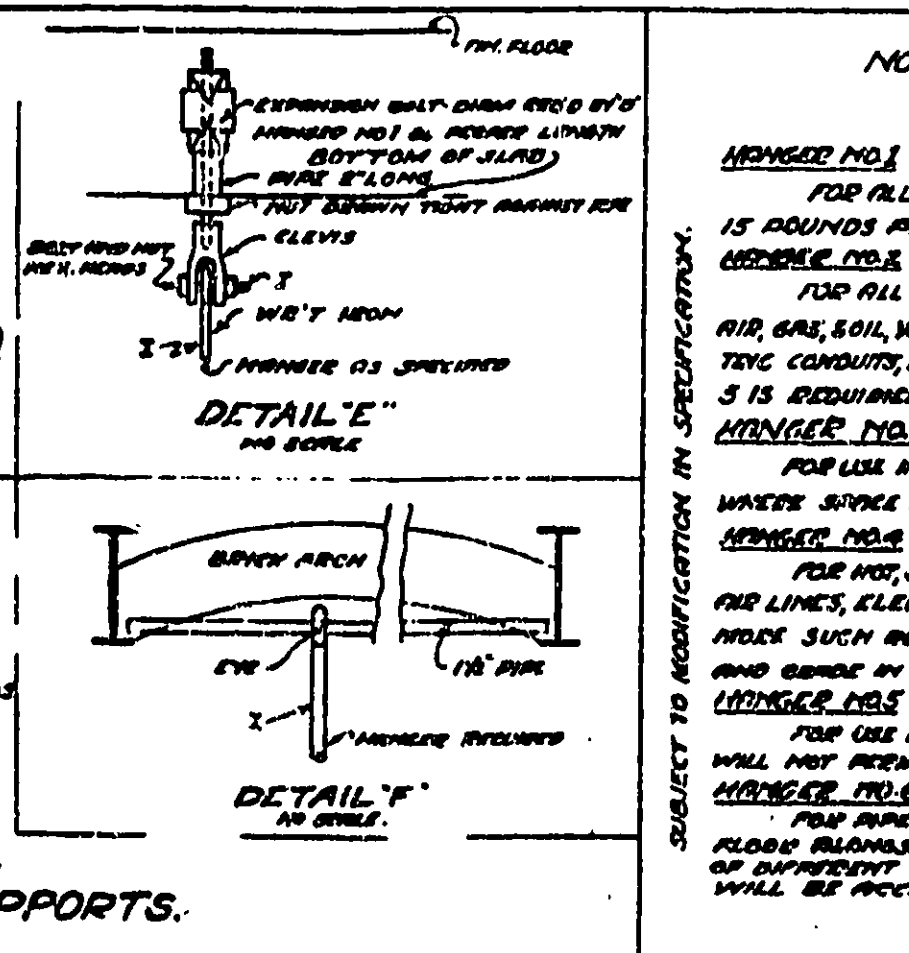


HANGER NO. 3. NO SCALE.

HANGER NO. 1				HANGER NO. 2				HANGER NO. 3			
A	B	C	D	A	B	C	D	A	B	C	D
2 1/2	3 1/2	4 1/2	5 1/2	2 1/2	3 1/2	4 1/2	5 1/2	2 1/2	3 1/2	4 1/2	5 1/2
3 1/2	4 1/2	5 1/2	6 1/2	3 1/2	4 1/2	5 1/2	6 1/2	3 1/2	4 1/2	5 1/2	6 1/2
4 1/2	5 1/2	6 1/2	7 1/2	4 1/2	5 1/2	6 1/2	7 1/2	4 1/2	5 1/2	6 1/2	7 1/2
5 1/2	6 1/2	7 1/2	8 1/2	5 1/2	6 1/2	7 1/2	8 1/2	5 1/2	6 1/2	7 1/2	8 1/2
6 1/2	7 1/2	8 1/2	9 1/2	6 1/2	7 1/2	8 1/2	9 1/2	6 1/2	7 1/2	8 1/2	9 1/2
7 1/2	8 1/2	9 1/2	10 1/2	7 1/2	8 1/2	9 1/2	10 1/2	7 1/2	8 1/2	9 1/2	10 1/2
8 1/2	9 1/2	10 1/2	11 1/2	8 1/2	9 1/2	10 1/2	11 1/2	8 1/2	9 1/2	10 1/2	11 1/2
9 1/2	10 1/2	11 1/2	12 1/2	9 1/2	10 1/2	11 1/2	12 1/2	9 1/2	10 1/2	11 1/2	12 1/2
10 1/2	11 1/2	12 1/2	13 1/2	10 1/2	11 1/2	12 1/2	13 1/2	10 1/2	11 1/2	12 1/2	13 1/2
11 1/2	12 1/2	13 1/2	14 1/2	11 1/2	12 1/2	13 1/2	14 1/2	11 1/2	12 1/2	13 1/2	14 1/2
12 1/2	13 1/2	14 1/2	15 1/2	12 1/2	13 1/2	14 1/2	15 1/2	12 1/2	13 1/2	14 1/2	15 1/2
13 1/2	14 1/2	15 1/2	16 1/2	13 1/2	14 1/2	15 1/2	16 1/2	13 1/2	14 1/2	15 1/2	16 1/2
14 1/2	15 1/2	16 1/2	17 1/2	14 1/2	15 1/2	16 1/2	17 1/2	14 1/2	15 1/2	16 1/2	17 1/2
15 1/2	16 1/2	17 1/2	18 1/2	15 1/2	16 1/2	17 1/2	18 1/2	15 1/2	16 1/2	17 1/2	18 1/2



DETAILS OF HANGER SUPPORTS.



DETAIL E. NO SCALE.

NOTES ON HANGERS

HANGER NO. 1
FOR ALL PIPE CARRYING SYSTEM AT OVER 15 FEET HEIGHTS.

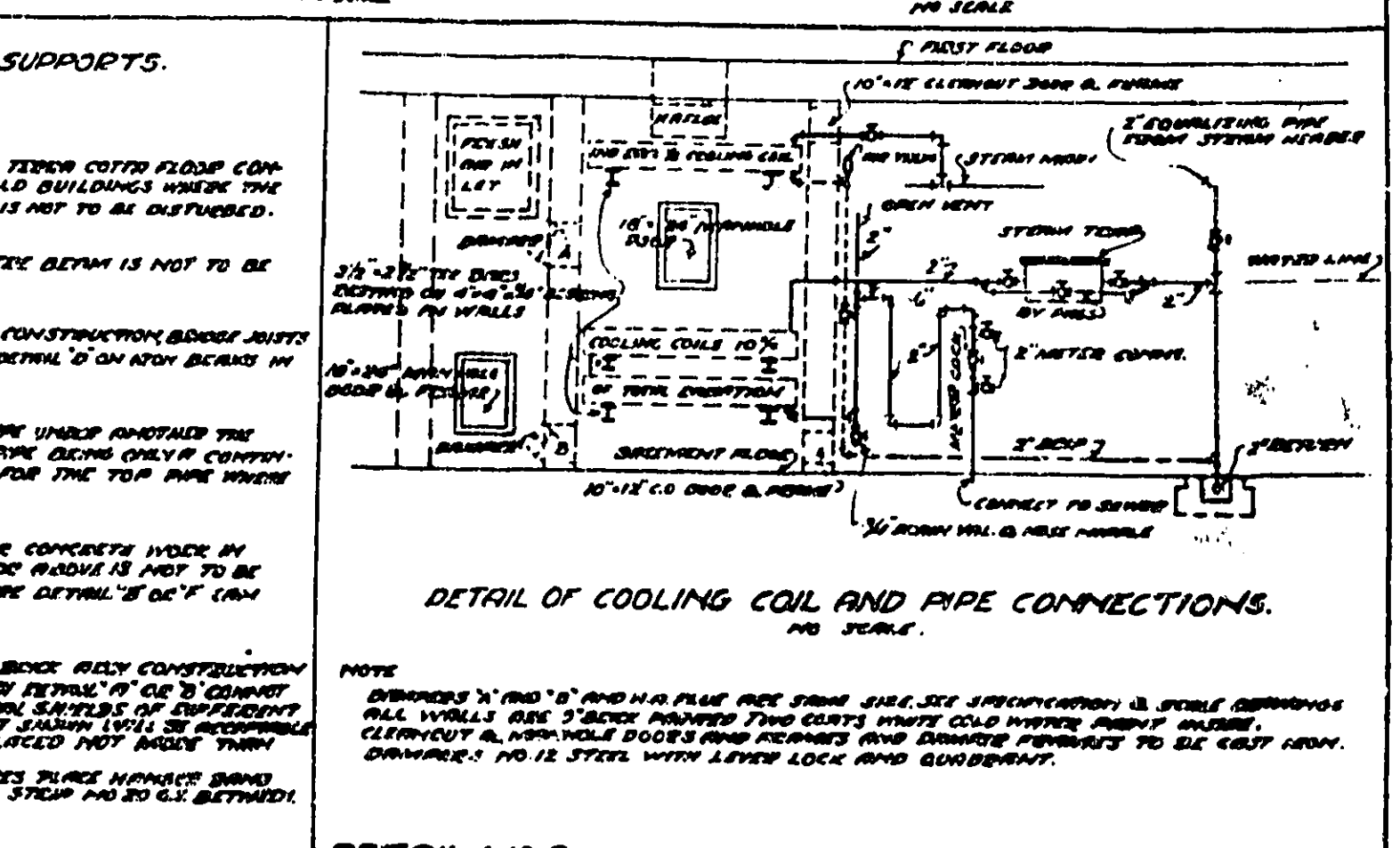
HANGER NO. 2
FOR ALL LOW PRESSURE STEAM, RETURN WATER, AIR, GAS, SOIL, WASTE, VENT PIPES, ETC., AND FOR ELECTRIC CONDUIT, EXCEPT WIRE HANGER NO. 4 OR 5 IS REQUIRED.

HANGER NO. 3
FOR USE IN LIEU OF HANGERS NO. 1 AND 2 ONLY. WASTE PIPES WILL NOT PERMIT TURNBUCKLES.

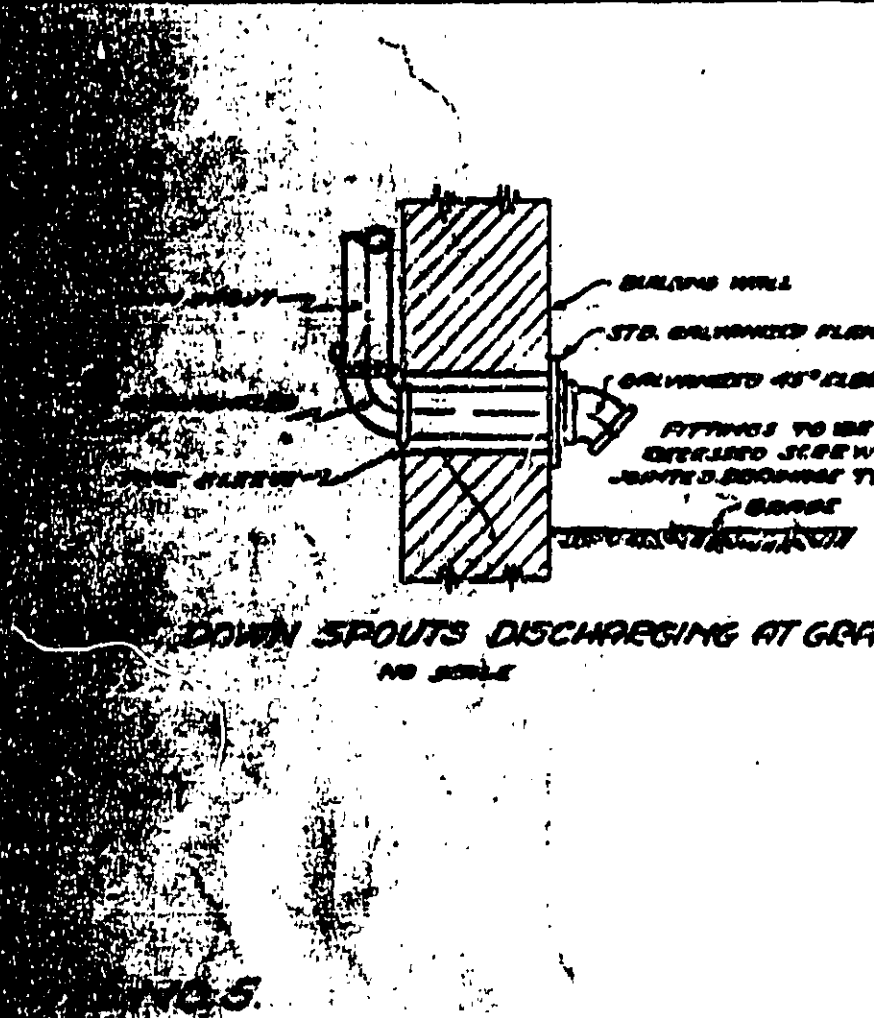
HANGER NO. 4
FOR HOT, COLD, CONDENSING, & ICE WATER LINES, AIR LINES, ELECTRIC CONDUIT, ETC. WASTE TRICKS OF PIPES SUCH AS PARALLEL TO WASTE ELEVATION AND BARGE BY WASTE DIRECTION.

HANGER NO. 5
FOR USE IN LIEU OF NO. 6 ONLY. WASTE PIPES WILL NOT PERMIT TURNBUCKLES.

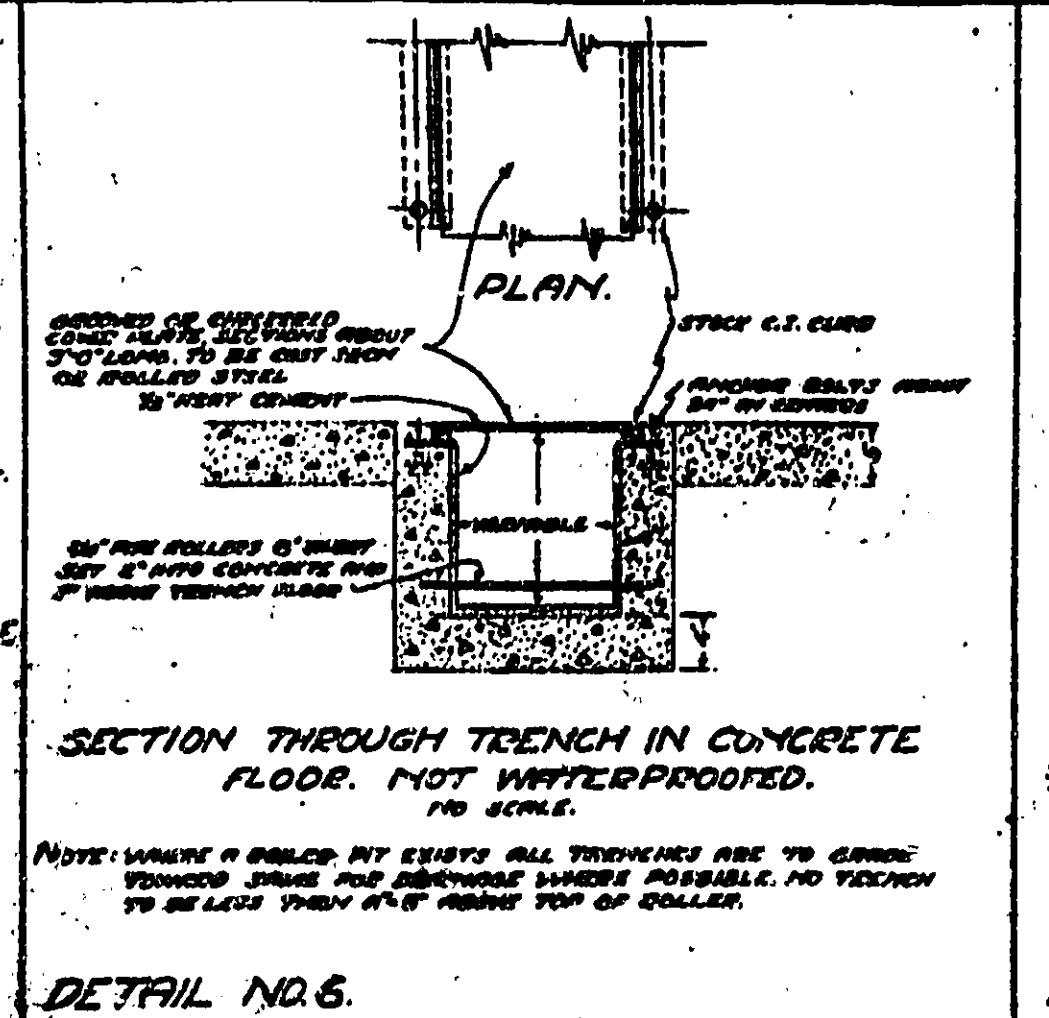
HANGER NO. 6
FOR WASTE, ETC., OF ALL KINDS. RETURNING WATER PIPES, ALUMINUM, WIRE, GALVANIZED METAL SHALL BE OF SUFFICIENT THICKNESS TO WITHSTAND THE WEIGHT OF PIPE AND CONTENTS.



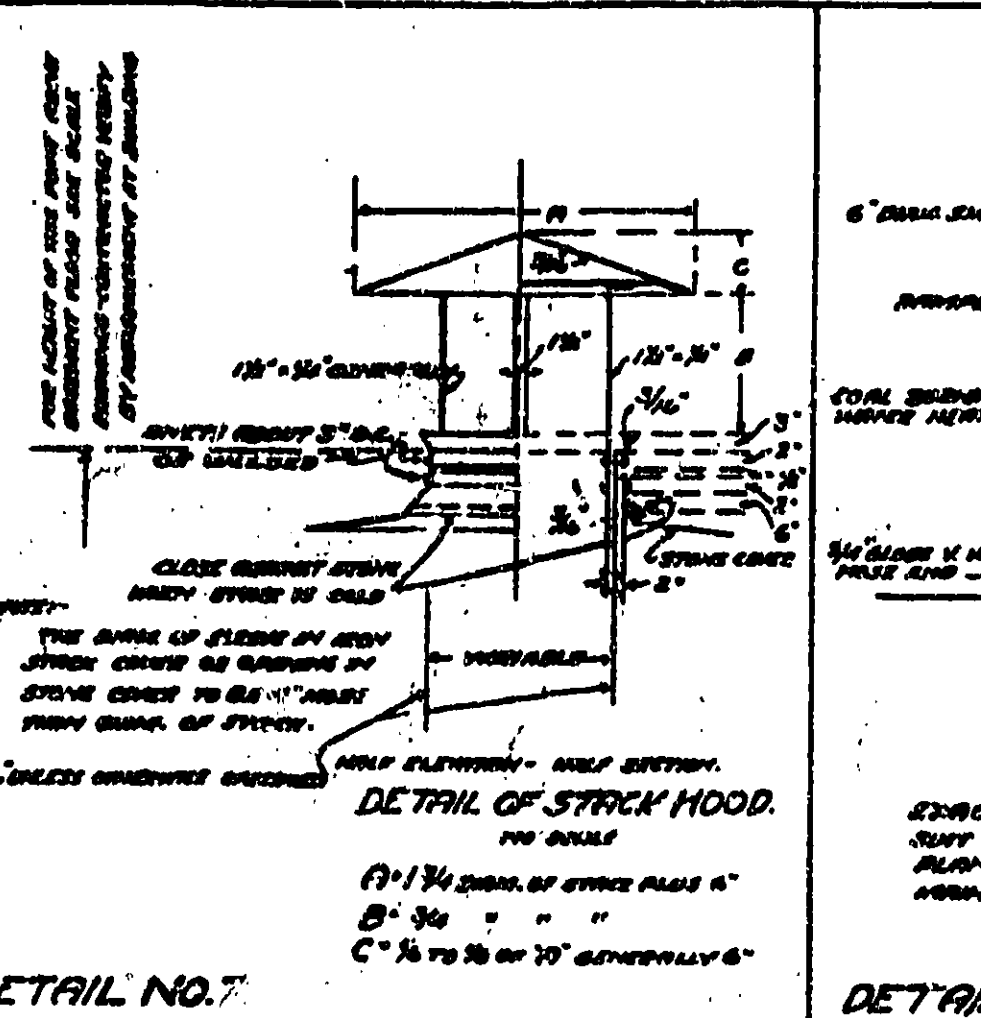
DETAIL NO. 2.



DOWN SPOUTS DISCHARGING AT GRADE. NO SCALE.



SECTION THROUGH TRENCH IN CONCRETE FLOOR. NOT WATERPROOFED. NO SCALE.



DETAIL OF STACK HOOD. NO SCALE.

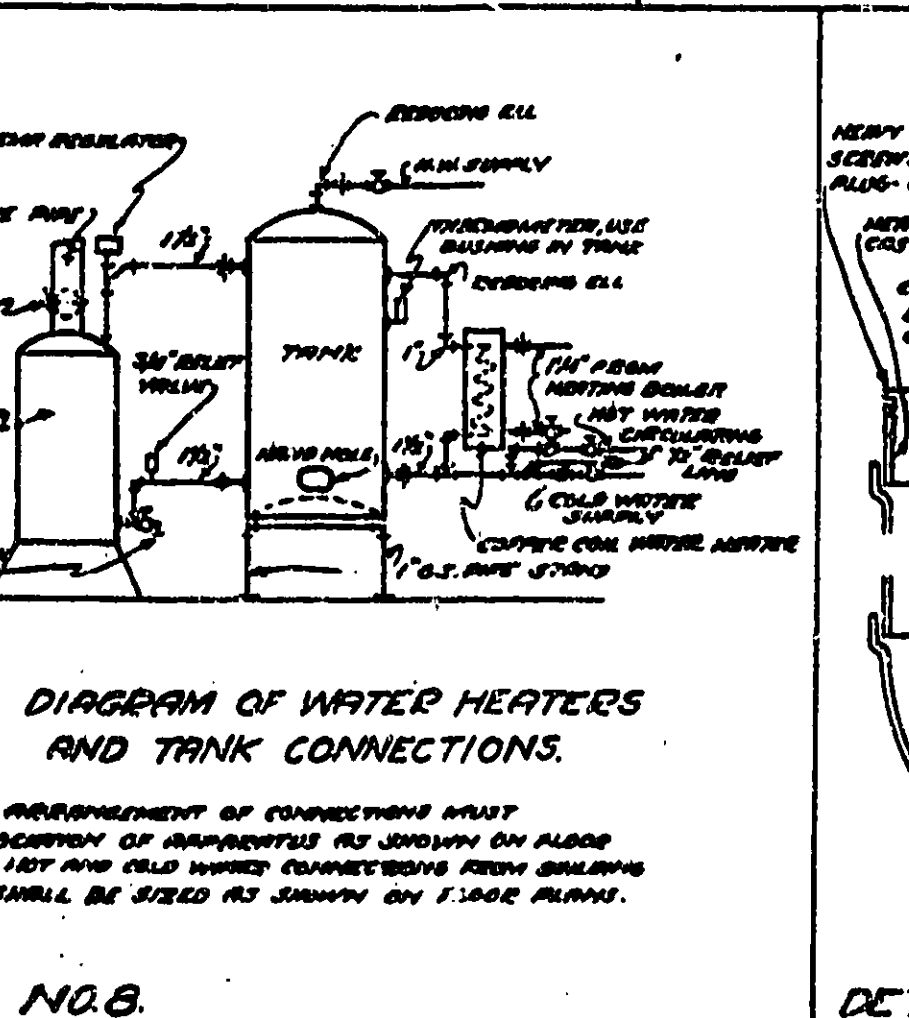
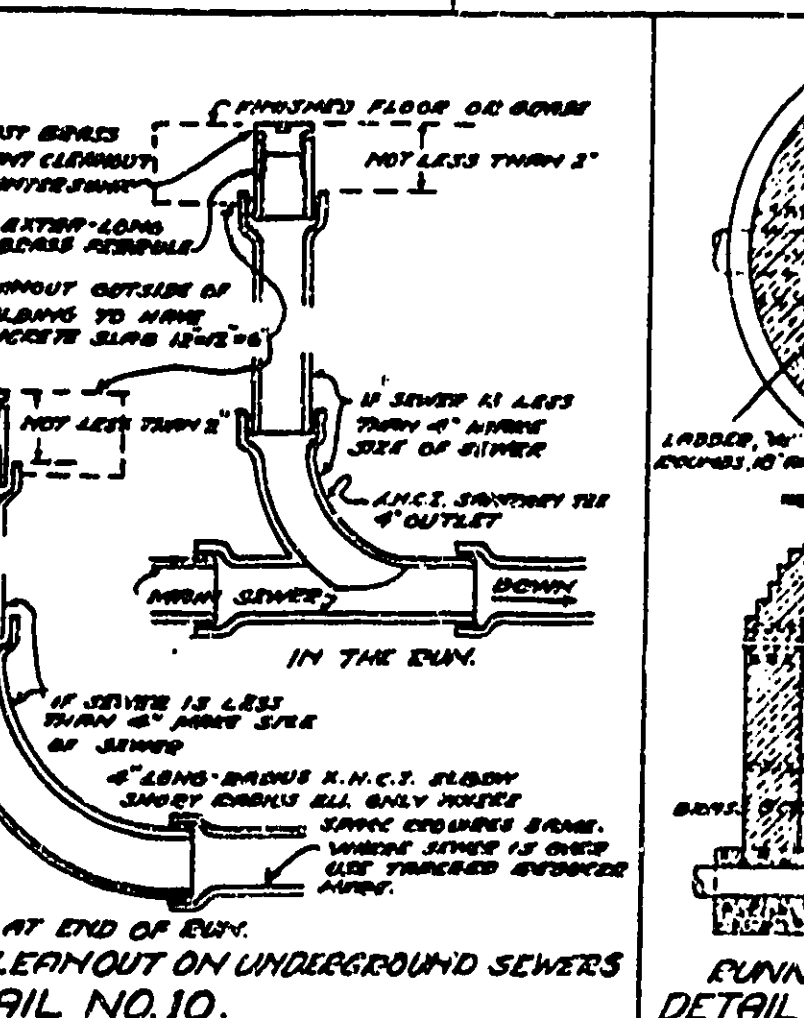
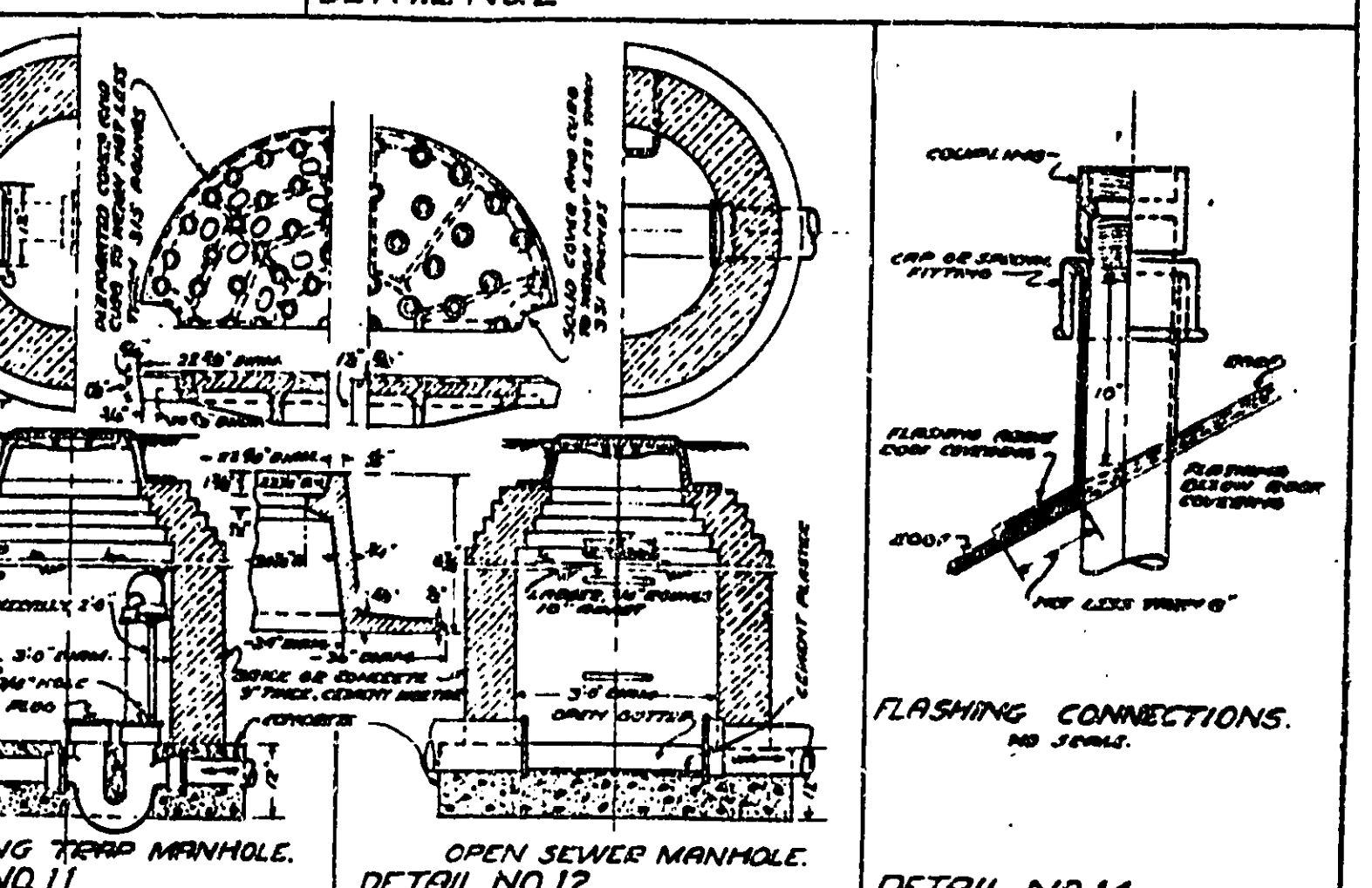


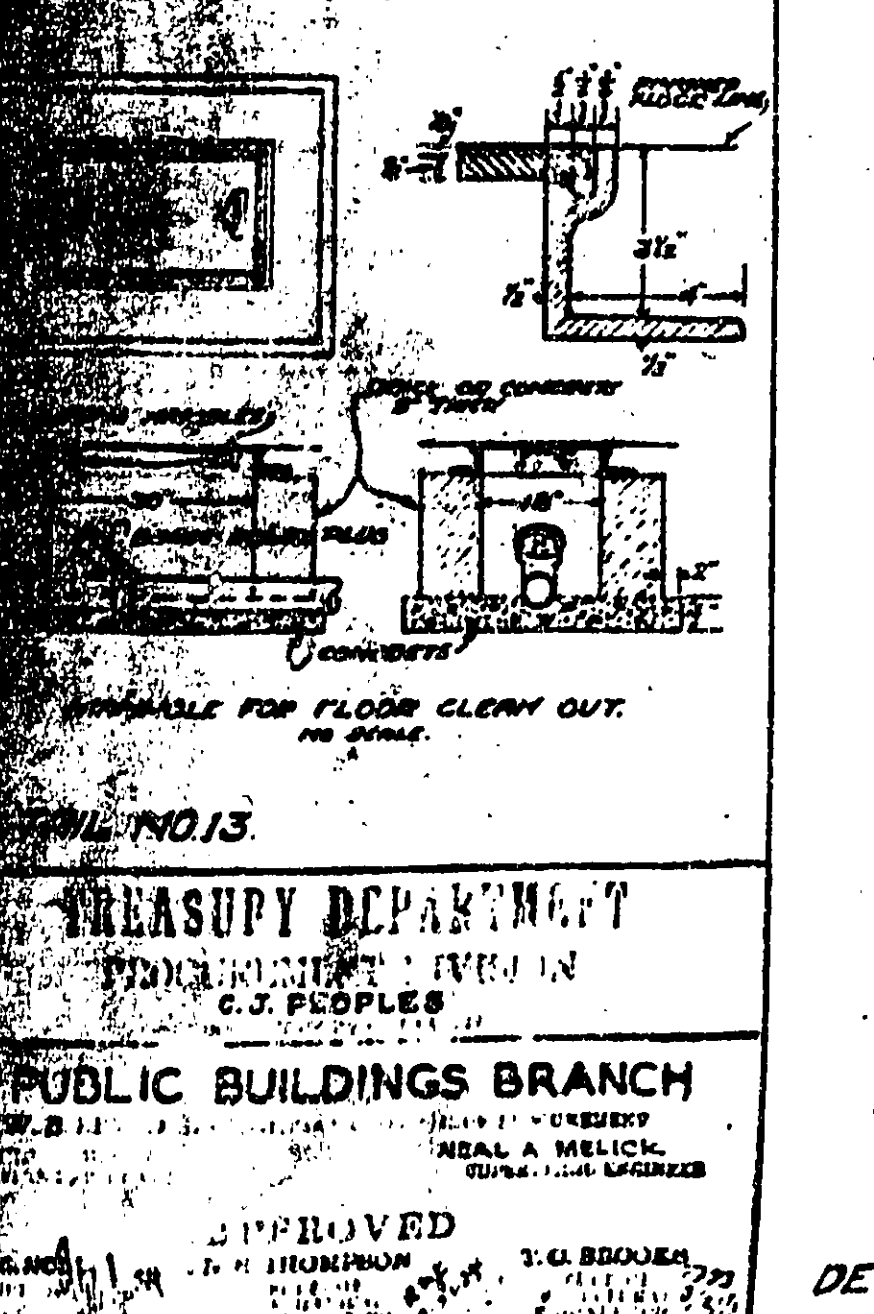
DIAGRAM OF WATER HEATERS AND TANK CONNECTIONS. NO SCALE.



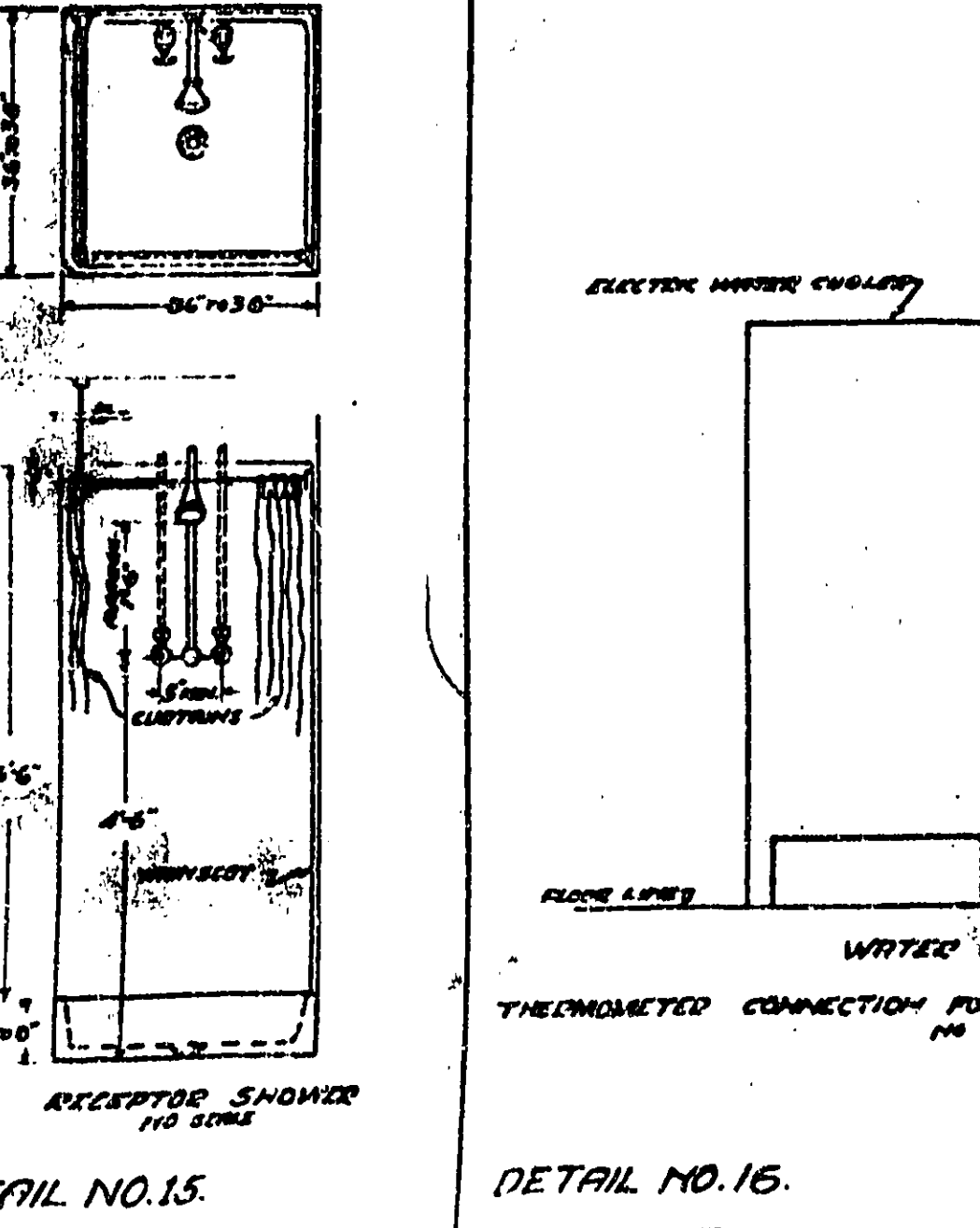
DETAIL NO. 10.



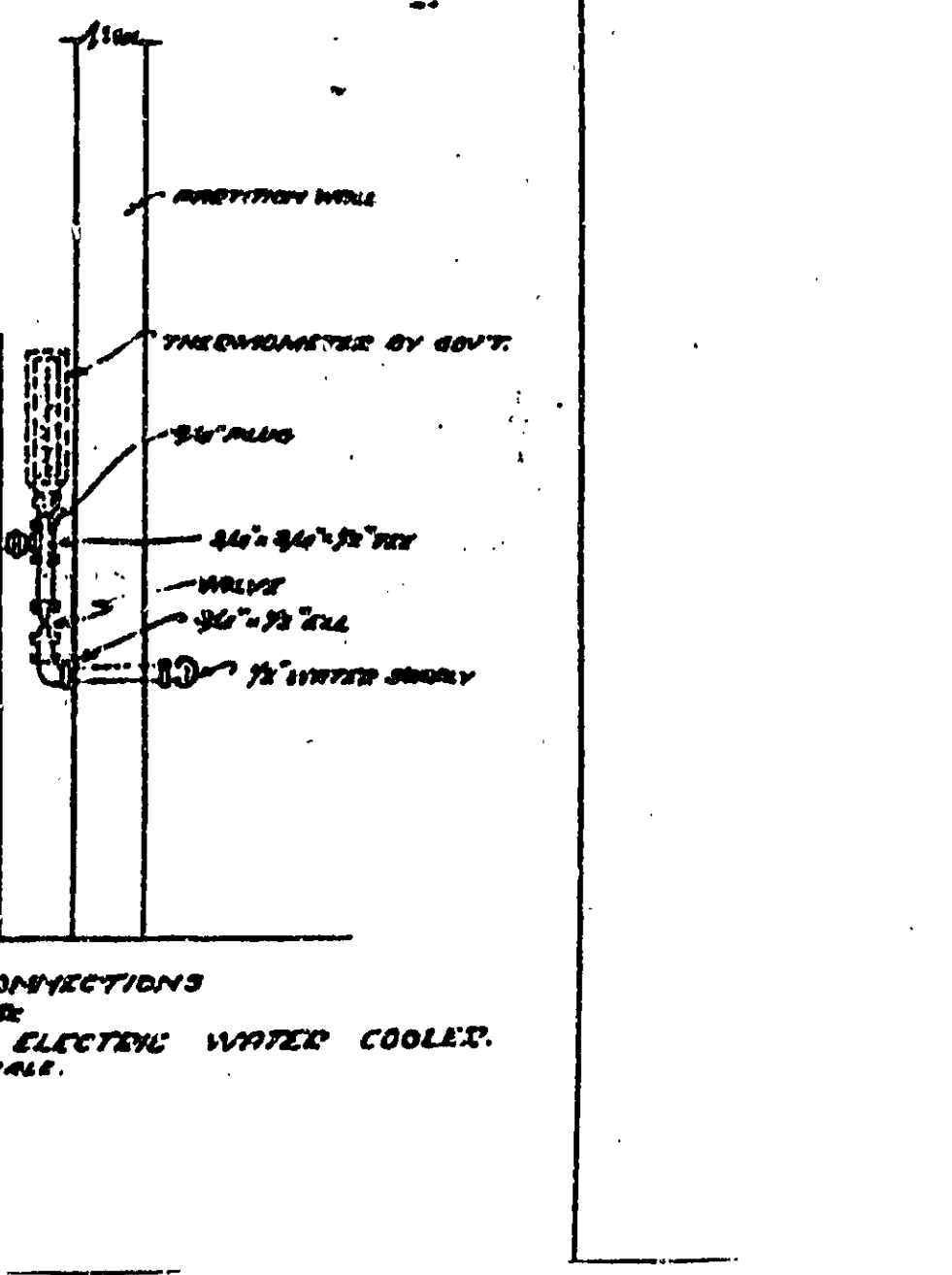
FLASHING CONNECTIONS. NO SCALE.



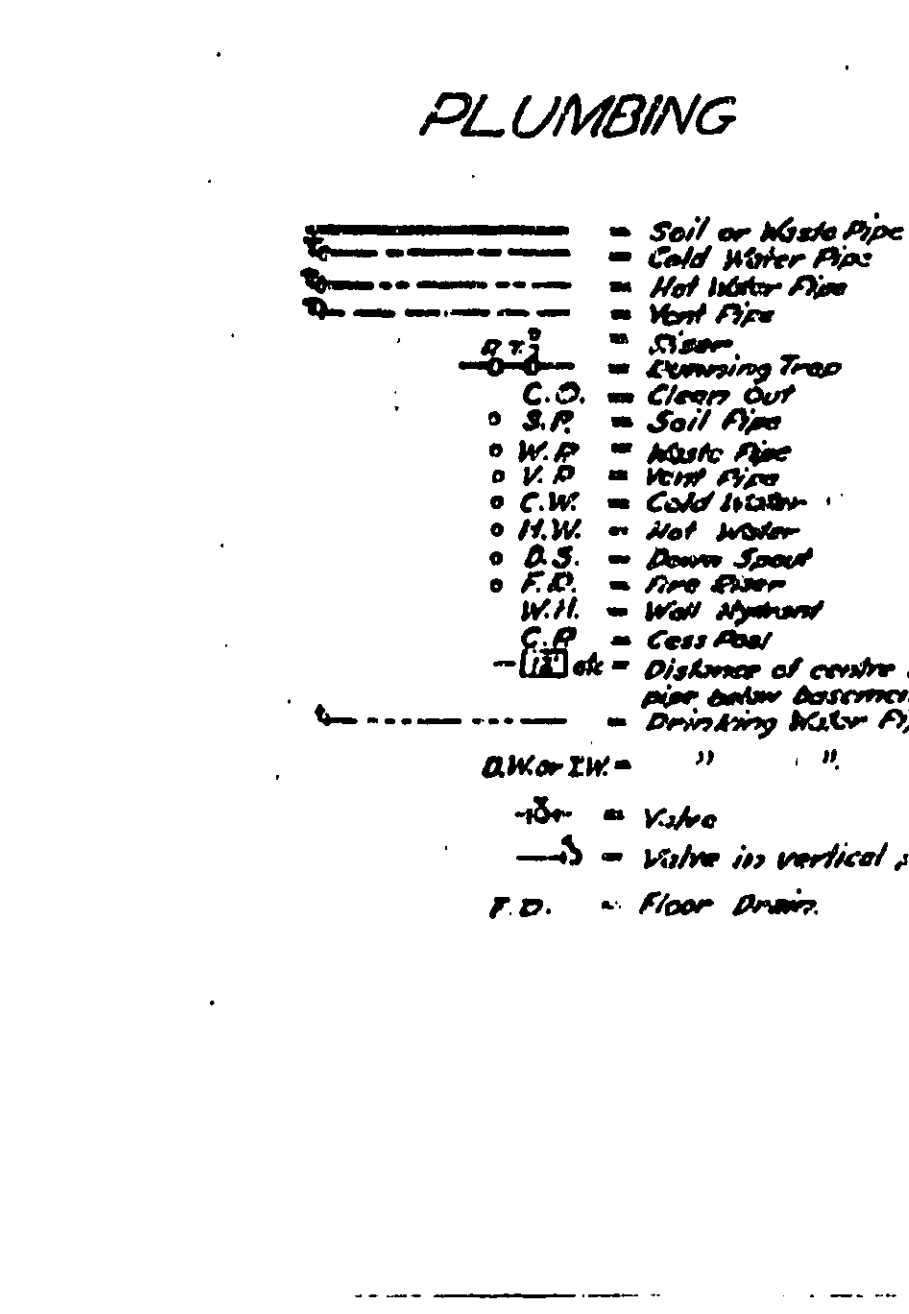
DETAIL NO. 13.



RECEPTOR SHOWER. NO SCALE.



WATER CONNECTIONS. NO SCALE.



THERMOMETERED CONNECTION FOR ELECTRIC WATER COOLER. NO SCALE.

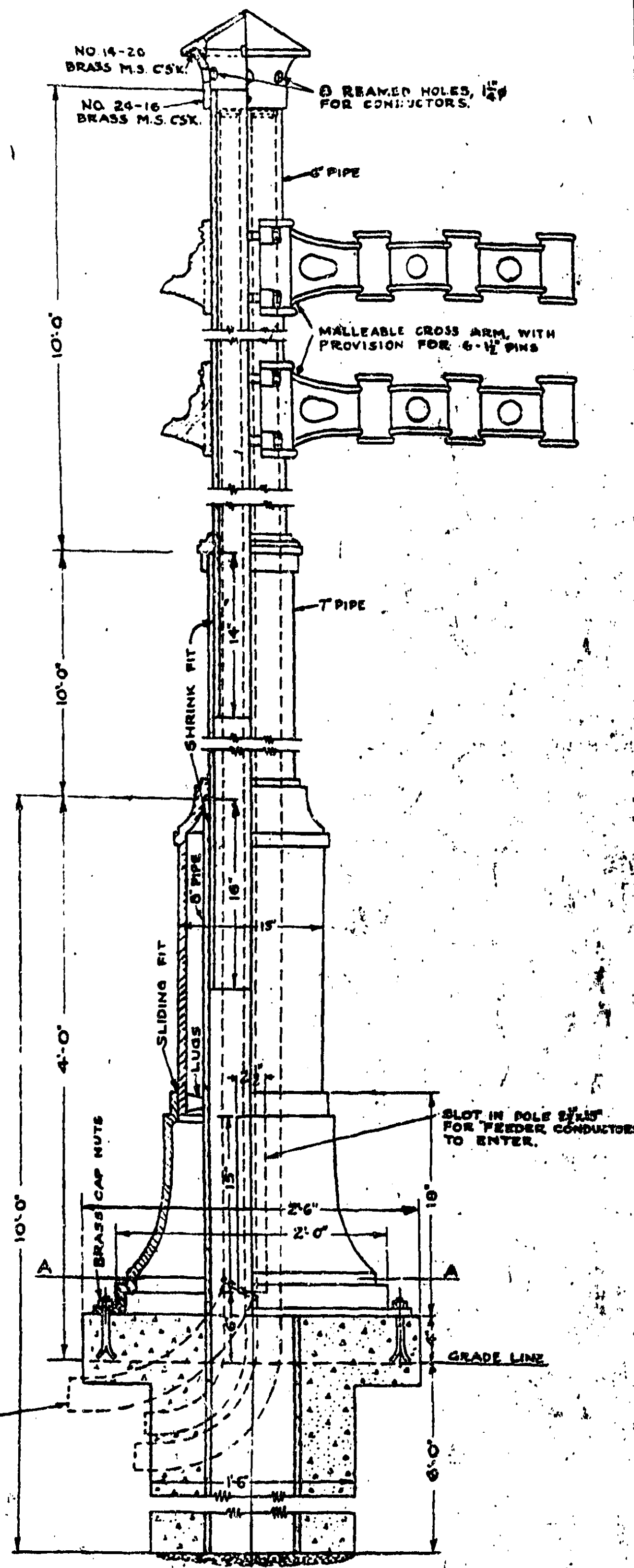
PLUMBING SYMBOLS.

- Soil or Waste Pipe
- Cold Water Pipe
- Hot Water Pipe
- Vent Pipe
- Riser
- Expanding Trap
- C.C. = Cold Choke
- S.P. = Soil Pipe
- W.P. = Waste Pipe
- V.P. = Vent Pipe
- C.W. = Cold Water
- H.W. = Hot Water
- D.S. = Down Spout
- F.D. = Floor Drain
- W.H. = Water Heater
- C.P. = Cast Pipe
- Distance of centre line of pipe below basement floor
- Drinking Water Pipe
- DK or IK = " " "
- V = Valve
- V in vertical pipe
- F.D. = Floor Drain

HEATING SYMBOLS.

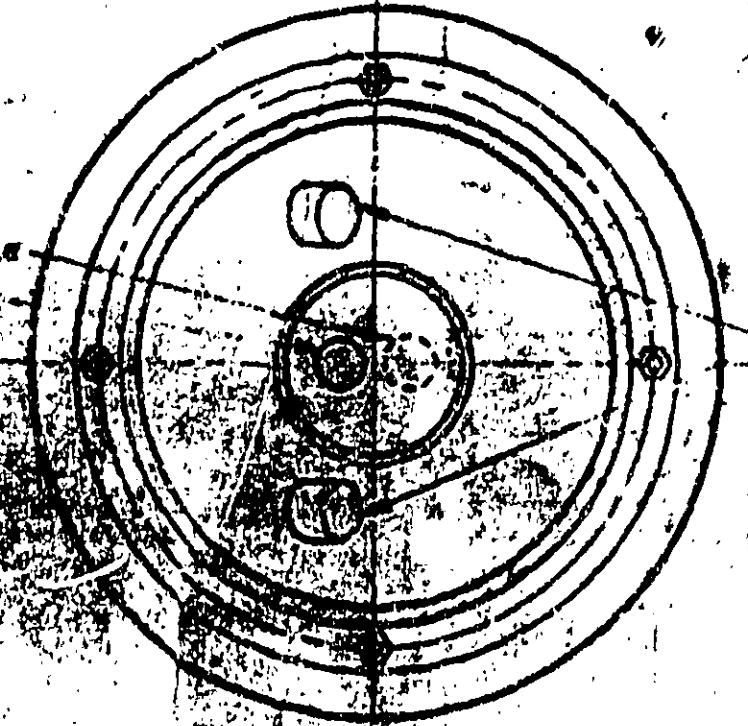
- Hot pipe
- Return pipe above floor
- Return pipe in trench
- R = Riser
- R.C. = Riser chase, 4 1/2" x 9" generally
- W.R. = Wall radiator
- Radiators marked thus: - 32 x 2 T - 32", etc. indicates 32 square feet of radiation, 2 tube radiator, 32 inches high, etc.
- V = Valve
- V in vertical pipe.

APPROVED
T. G. BOJER
T. G. BOJER
T. G. BOJER

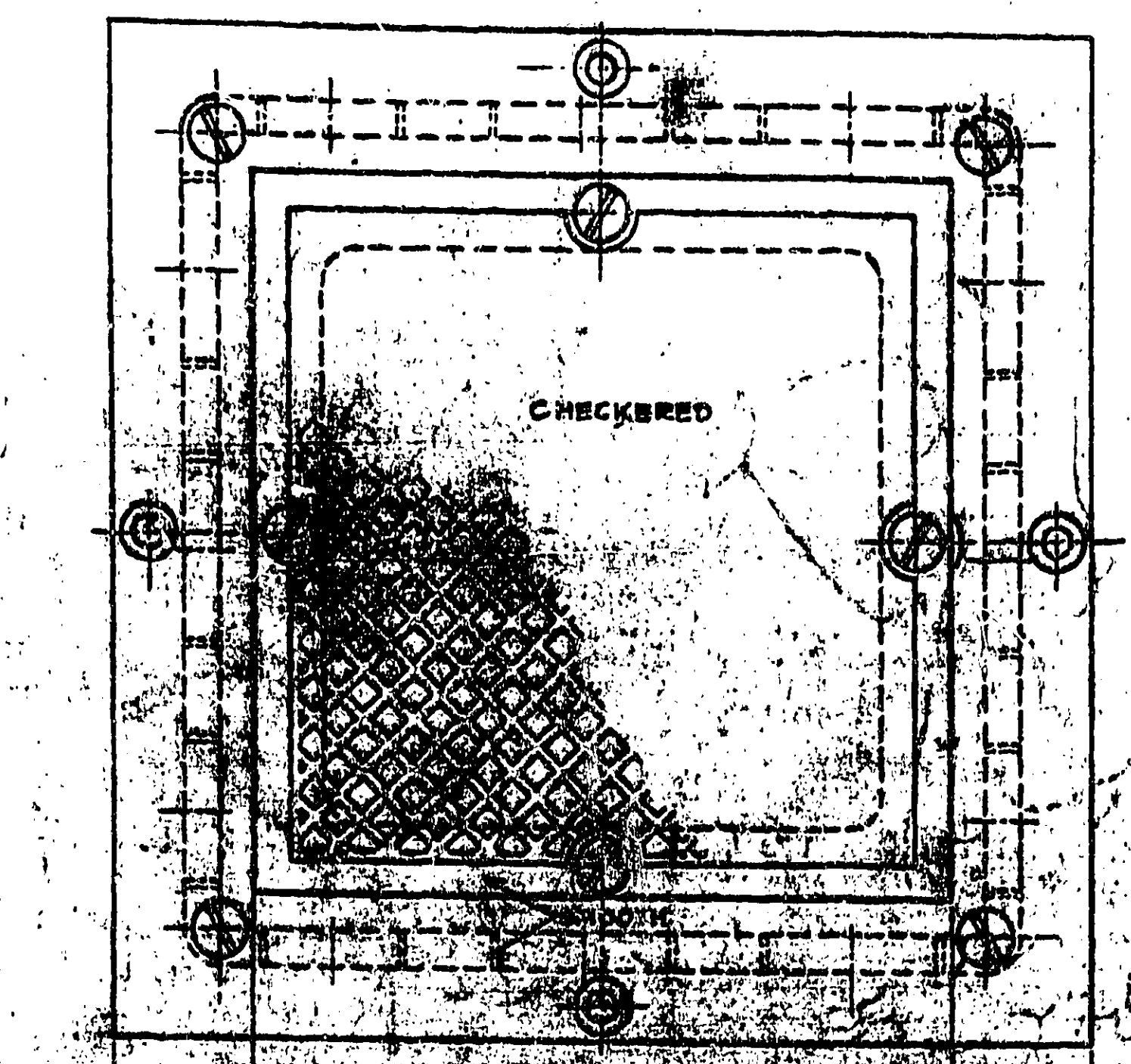


ELECTRIC SERVICE POLE
SCALE 1/2" = 1'-0"

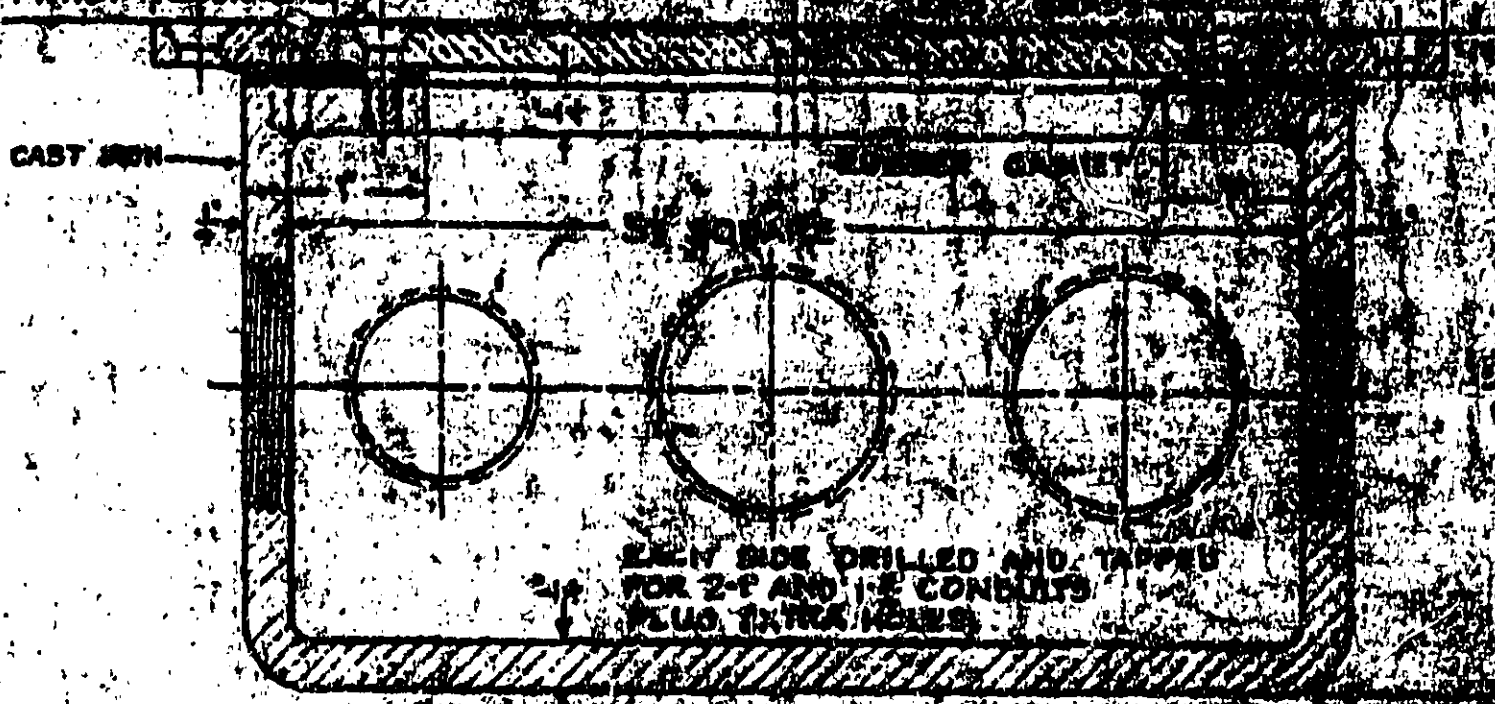
NOTE: LOCATE AS SHOWN OR NOTED ON PLANS. ALL PIPE TO BE EXTRA HEAVY & TRIMMING TO BE C.I. FEEDER CONDUITS TO TERMINATE INSIDE OF SKIRT AT BASE OF POLE. SIGNAL & TELEPHONE CONDUITS, WHEN RUN TO POLE, TO TERMINATE AT TOP OF POLE. CONDUIT SIZES GIVEN ON BASEMENT PLAN.



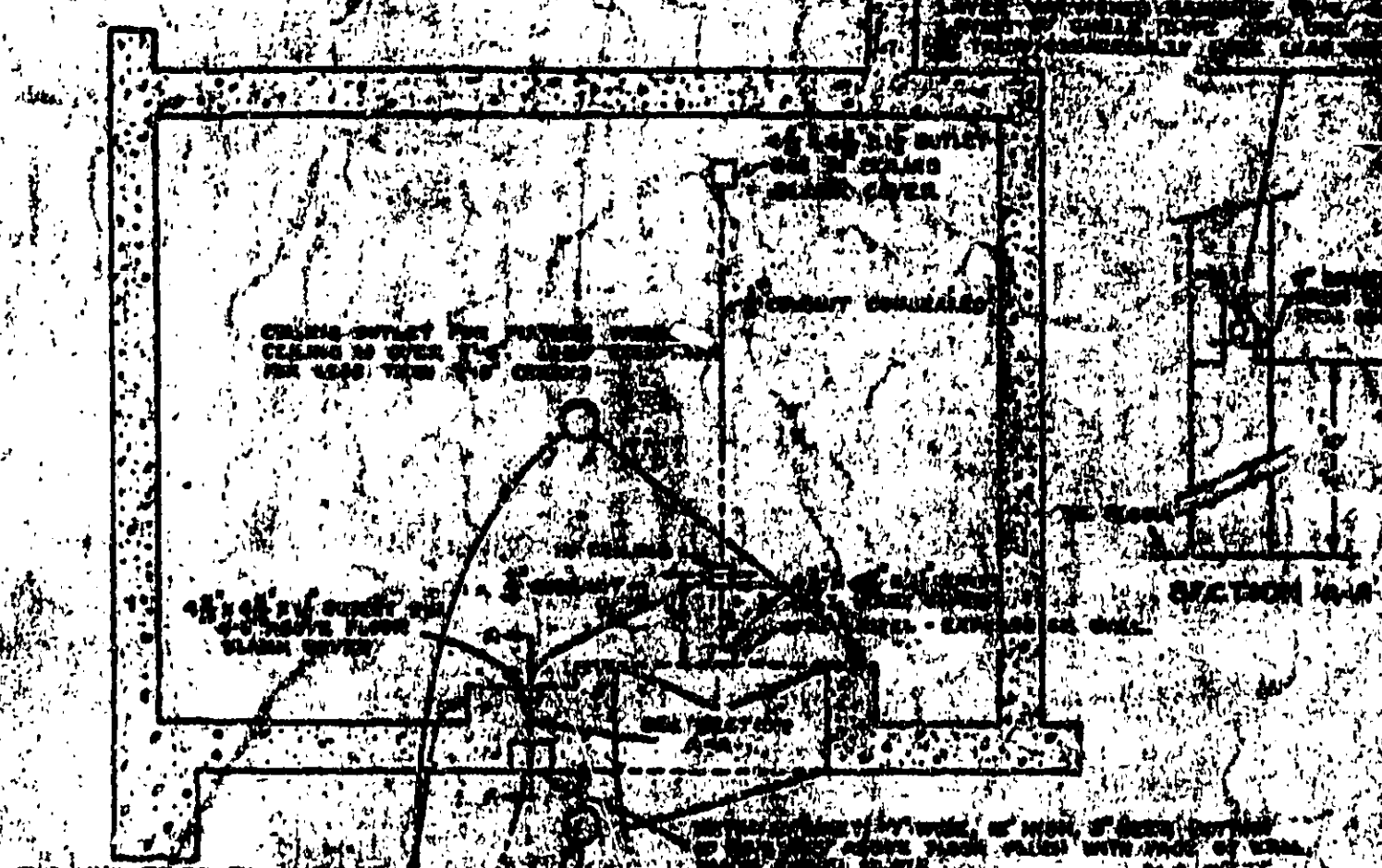
PLAN AA



CHECKERED



FLOOR BOX FOR SIGNAL SYSTEM
SCALE FULL SIZE



CONDUIT FOR VAULT PROTECTION SYSTEM
TYPICAL INSTALLATION

ELECTRICAL DETAILS

TREASURY DEPARTMENT
PROCUREMENT DIVISION
PUBLIC BUILDINGS BRANCH
APPROVED
BY S. G. BRIDGES
DATE 11-20-33

THE FOLLOWING SYMBOLS ARE USED FOR
CONDUIT AND LIGHTING
UNLESS OTHERWISE NOTED OR SPECIFIED

- ⊙₁₀₀ CEILING OUTLET, COMBINATION
- ⊙₁₀₀ BRACKET OUTLET, COMBINATION
- ⊙₄₀ CEILING OUTLET, ELECTRIC ONLY
- ⊙₄₀ BRACKET OUTLET, ELECTRIC ONLY
- ⊙₂ CEILING OUTLET, GAS ONLY
- ⊙₂ BRACKET OUTLET, GAS ONLY
- ⊙₄₀ DROP CORD OUTLET
- ⊙ PORTABLE CEILING FIXTURE AND HOOK CONNECTED WITH REINFORCED CORD AS SHOWN
- ⊙₁₀₀ OUTDOOR STANDARD, ELECTRIC ONLY
- ⊙ WALL LAMP RECEPTACLE
- ⊙ CEILING LAMP RECEPTACLE
- ⊙ CEILING OUTLET FOR EXTENSIONS
- ⊙ BRACKET OUTLET FOR EXTENSIONS
- ⊙ CEILING FAN OUTLET
- ⊙ DUPLEX PLUG RECEPTACLE IN WALL
- ⊙ JUNCTION OR PULL BOX
- ⊙ WIRELESS CLUSTER OUTLET (4 LIGHT)
- ⊙ FLOOR OUTLET ELECTRIC ONLY (SINGLE PLUG RECEPTACLE)
- ⊙ S.P. FLUSH SWITCH
- ⊙ 3^W - 3WAY FLUSH SWITCH
- ⊙ RISER CONDUIT
- ⊙ 3^R - REMOTE CONTROL SWITCH
- ⊙ MOTOR, ELECTRIC
- ⊙ 3^P - PUSH BUTTON SWITCH AND PILOT
- ⊙ LIGHTING PANEL
- ⊙ 3^D - AUTOMATIC DOOR SWITCH
- ⊙ POWER PANEL
- ⊙ BRANCH CIRCUIT RUN CONCEALED UNDER FLOOR ABOVE
- ⊙ BRANCH CIRCUIT RUN EXPOSED
- ⊙ BRANCH CIRCUIT RUN CONCEALED UNDER FLOOR
- ⊙ THIS CHARACTER MARKED ON TAP CIRCUITS INDICATES 3NO. 12 CONDUCTORS IN 1/2" CONDUIT
- ⊙ THIS CHARACTER MARKED ON TAP CIRCUITS INDICATES 4NO. 12 CONDUCTORS IN 1/2" CONDUIT
- ⊙ FEEDER RUN CONCEALED UNDER FLOOR ABOVE
- ⊙ FEEDER RUN EXPOSED
- ⊙ FEEDER RUN CONCEALED UNDER FLOOR
- ⊙ PUSH BUTTON OUTLET
- ⊙ SIGNAL OUTLET ABOVE BASEBOARD
- ⊙ LOOKOUT TELEPHONE SYSTEM OUTLET
- ⊙ TELEPHONE OUTLET ABOVE BASEBOARD
- ⊙ TELEPHONE CABINET
- ⊙ SPECIAL FLOOR BOX FOR SIGNAL SYSTEM (SEE DETAIL)
- ⊙ TELEPHONE AND SIGNAL CONDUIT CONCEALED UNDER FLOOR
- ⊙ TELEPHONE AND SIGNAL CONDUIT CONCEALED IN FLOOR ABOVE
- ⊙ THIS DENOTES CIRCUIT TO BE CONNECTED TO SWITCH NO. 4 IN PANEL D.
- ⊙ RUN TO TELEPHONE CABINET
- ⊙ SIZE OF CONDUIT
- ⊙ GAS PIPE
- ⊙ VAULT PROTECTION CONDUIT IN FLOOR WHERE SHOWN
- ⊙ CLOCK OUTLET
- ⊙ FAN HANGER OUTLET 6'-10" ABOVE FLOOR
- ⊙ SINGLE RECEPTACLE POLARIZED TYPE, AMPERES AS NOTED
- ⊙ OUTLET AND FIXTURE IN PLACE - TO REMAIN
- ⊙ OUTLET IN PLACE - REMOVE FIXTURE AND INSTALL BLANK COVER
- ⊙ VAULT PROTECTION OUTLET
- ⊙ DUPLEX RECEPTACLE ABOVE BASEBOARD, AND RECEPTACLE AND FAN HANGER 6'-10" ABOVE FLOOR (TWO OUTLETS)
- ⊙ EXIT BRACKET OR DIRECTION SIGN OUTLET
- ⊙ EXIT CEILING OR DIRECTION SIGN OUTLET
- ⊙ SIGNAL OUTLET IN FLOOR
- ⊙ TELEPHONE OUTLET IN FLOOR
- ⊙ THREE-GANG COMPARTMENT BOX IN FLOOR FOR TELEPHONE, SIGNAL AND RECEPTACLE
- ⊙ BELL OUTLET

THE NUMERALS INDICATE NUMBER OF WATTS SUPPLIED BY OUTLET AND NUMBER OF GAS BURNERS. WHERE NO NUMERALS ARE GIVEN 25 WATTS ELECTRIC AND 16 GAS ARE TO BE UNDERSTOOD.

NOTE: FEEDER CONDUITS 1/2" AND LARGER FOR POWER, LIGHT, TELEPHONE, ETC. SHOWN ON BASEMENT PLAN, ARE TO BE RUN EXPOSED NEAR CEILING, UNLESS OTHERWISE NOTED.

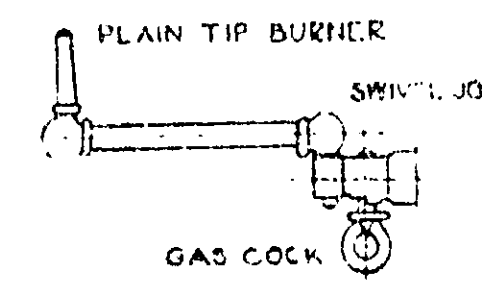
MISC. DRAWING
REVISED 11-20-33
No 311-G

THESE DETAILS APPLY ONLY WHEN SPECIFIED ON THE DRAWINGS OR IN THE SPECIFICATIONS.

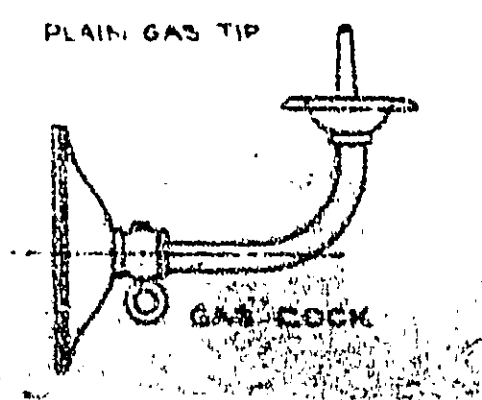
GENERAL NOTES

FIXTURES ARE SHOWN ONE-FOURTH SIZE UNLESS OTHERWISE NOTED.
 ALL EXPOSED METAL PARTS OF FIXTURES SHALL BE MADE OF BRASS UNLESS OTHERWISE NOTED. CANOPIES, SHIELDS, ETC., MAY BE SPUN OR DRAWN AND WHEN FINISHED SHALL NOT BE LESS THAN .016 INCH IN THICKNESS AT ANY POINT.
 ALL TUBING MUST BE OIL-TEMPERED, DRAWN AND IF USED AS A SUPPORTING MEMBER OF THE FIXTURE IT SHALL NOT BE LESS THAN NO. 17 & 5 GAUGE.
 CANOPIES, HOLDERS, ETC., SHALL BE SPUN OR DRAWN IN ONE PIECE, UNLESS OTHERWISE NOTED.
 SLIP AND SEATING RINGS SHALL BE SOLID TURNED METAL. THEY SHALL BE THREADED AS INDICATED OR SECURED WITH NO. 8-32 BRASS SCREWS AS SHOWN.
 INSULATING BUSHINGS SHALL BE OF FIBER AS SHOWN, COMPOSITION WILL NOT BE ACCEPTABLE.
 ALL BURRS AND SHARP EDGES MUST BE REMOVED FROM WIRING.
 FULL SIZE AND SCALE DETAILS OF FIXTURE PARTS MUST BE FOLLOWED.
 ALL FIXTURES WITH CANOPIES SHALL BE PROVIDED WITH SUITABLE HICKEY AND IRON NIPPLE OF PROPER LENGTH WITH A RUNNING THREAD ON NIPPLE. IN OLD BUILDINGS, STUDS ARE GENERALLY 1/2 INCH. NEW BUILDINGS GENERALLY HAVE 3/4 INCH STUDS. HICKEY EVER SIZE MUST BE VERIFIED AND FIXTURES PROVIDED WITH HICKEYS TO SUIT.
 FINISH OF FIXTURES: - THE FINISH OF FIXTURES SHALL BE LIGHT OXIDIZED BRASS UNLESS OTHERWISE SPECIFIED AND MUST BE PRODUCED IN A MOST DURABLE MANNER BY ELECTRO-PLATING OR ACID BATH PROCESS. LIGHT OXIDIZED BRASS FINISH SHALL BE PROTECTED BY HIGH GRADE POLISHING TO A YELLOW BRASS COLOR AND THEN PRESSED OR OXIDIZED TO A DARK COLOR. THEN IT SHALL BE SECURED, LEAVING ENOUGH OF THE DARK COLOR TO BE LEFT ON THE SURFACE TO MAKE IT SCARCELY VISIBLE ON CANOPIES, BODIES AND OTHER HIGH SURFACES, WHILE LOW PORTIONS OF SPRINGING, STAMPING, ETC., SHALL BE LEFT DARK. ALL FIXTURE PARTS MUST BE PROPERLY CLEANED AND PREPARED TO SUIT THE PARTICULAR FINISHING PROCESS. ALL FIXTURE FINISHES SHALL BE GIVEN AN EVEN COAT OF HIGH GRADE CLEAR LACQUER.
 SOCKET S - SOCKETS AND RECEPTACLES FOR FIXTURES DESIGNED FOR USE WITH ENCLLOSING GLASSWARE, SHALL BE OF PORCELAIN OR OF HIGH HEAT, NON-HYGROSCOPIC, NON-INFLAMMABLE MATERIAL OF PROVED QUALITY. ALL SOCKET S GLASSWARE SHALL BE OF THE THREADED CATCH TYPE, EXCEPT FOR FIXTURE NO. 406-A.
 WIRE - WIRING FOR DROP CORD FIXTURES AND PENDANT SWITCHES SHALL BE NO. 16 TYPE 'S' ALL RUBBER PORTABLE CORD. THE OUTER RUBBER JACKET SHALL BE BROWN.
 THE EXPOSED WIRING OF CHAIN SUPPORTED FIXTURES SHALL BE HAVING A SILK OR RAYON TYPE OF OUTER BRAID OF COLOR TO MATCH THE FIXTURE FINISH. THE SINGLE WIRES TO BE INTERLACED IN THE ALTERNATE LINKS OF CHAIN. FIXTURE NO. 415 SHALL BE WIRED WITH NO. 14 FIXTURE WIRE. COIL INSULATION SHALL BE PROVIDED WITH GLASSWARE OR METAL REFLECTORS AS COVERED IN SPECIFICATION FOR THE PARTICULAR JOB.
 TYPE 'A' GLASSWARE: THESE TYPES SHALL BE ACORN SHAPED GLOBES OF WHITE OPAL GLASS IN THE FOLLOWING SIZES: 4" H SHALL BE 11 OR 12 INCH DIAMETER & 1 1/2 INCH DEEP & 1/2 INCH HOLDER. A-B SHALL BE 4 INCH DIAMETER & 5/8" DEEP & 4" HOLDER.
 TYPE 'B' GLASSWARE: THESE TYPES SHALL BE BALL GLOBES OF WHITE OPAL GLASS WITH HOLDERS TO SUIT THE FIXTURES. THE GLOBES WILL BE SPECIFIED AS B-D, B-D, B-D, ETC., INDICATING RESPECTIVELY 8 AND 10 INCH DIAMETER BALL GLOBES.
 TYPE 'C' GLASSWARE: THIS TYPE SHALL BE OF WHITE OPAL GLASS IN THE SHAPE OF DIAMETER SPECIFIED AND OF MANUFACTURE APPROVED THROUGH TESTS BY THE ASSISTANT DIRECTOR OF PROCUREMENT, BUILDINGS BRANCH.
 TYPE 'D' OR 'E' GLASSWARE: THESE TYPES SHALL BE WHITE OPAL GLASS OPEN BELLEFLORE IN THE BOWL SHAPE, NOT LESS THAN 4" DEEP FOR 50 WATT AND SMALLER LAMPS, AND 5" DEEP FOR 75 AND 100 WATT LAMPS. THE REFLECTORS WILL BE SPECIFIED AS O-1, O-2, ETC.
 TYPE 'M' REFLECTOR: THESE TYPES SHALL BE PORCELAIN ENAMELED 3" TAPER BOWL SHAPED REFLECTORS AND SHALL BE APPROXIMATELY 4" DEEP & 7" DIAMETER WITH A 1/4" HOLDER FOR 50 WATT AND SMALLER LAMPS. FOR 75 WATT AND LARGER LAMPS SHALL BE AS RECOMMENDED BY THE MANUFACTURER.
 TYPE 'S' GLASSWARE: THESE GLOBES SHALL BE OF THE SHAPES AS APPROVED FOR TYPE 'G' OR OF OTHER APPROVED SHAPES AND ARE TO HAVE EITHER ORNAMENTATION 'A' OR 'B' AS REQUIRED BY THE SPECIFICATION. A DEEP ACID ETCH DESIGN OR ORNAMENTATION OF THE GENERAL DESIGN INDICATED IS REQUIRED. THE ENTIRE OUTSIDE SURFACE OF THE GLOBE SHALL HAVE AN EGG SHELL FINISH. THE DESIGN SHALL BE WITHIN GLOBE OR OTHER POSITION SPECIFIED. THESE GLOBES WILL BE REFERRED TO AS S-16-A, S-16-B, ETC.
 SPECIAL DESIGN GLOBE
 SCALE 2 SIZE

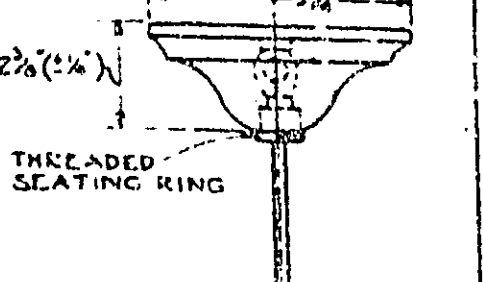
FOR FIXTURES NO. 424A, 424-B, AND 424-C: PROVIDE AN INDIVIDUAL SYMMETRIC SILVER MIRROR OR REFLECTOR OF CONTOUR SIMILAR TO THAT INDICATED AND NOT LESS THAN THE APPROXIMATE DIMENSIONS LISTED, AND OF DESIGN WHICH WILL EVENLY AND EFFICIENTLY PRODUCE A BROAD DISTRIBUTION OF LIGHT. THE REFLECTOR SHALL BE OF SILVER MIRROR GLASS OR TREATED ALUMINUM WILL BE ACCEPTABLE. REFLECTORS OF PORCELAIN ENAMELED STEEL OR ALUMINUM SHALL BE OF DIAMETER AS LARGE AS POSSIBLE AND SHALL BE FLAT TO PRODUCE A BROAD DISTRIBUTION. IF ALUMINUM REFLECTOR IS PROVIDED IT SHALL BE MADE FROM HIGH QUALITY ALUMINUM AND SHALL BE POLISHED AND BLACK WHEN FINISHED AND SHALL HAVE A HIGH PERMANENT REFLECTION FACTOR. THE REFLECTING SURFACE BEING PRODUCED BY THE ELECTROLYTIC PROCESS GIVING IT A HARD GLASS-LIKE TRANSPARENT COVERING OF COLDFUSED ALUMINUM OXIDE. SOCKET SHALL BE SO LOCATED THAT LAMP WILL BE IN CORRECT POSITION WITH RELATION TO THE REFLECTOR TO PRODUCE THE REQUIRED RESULTS. REFLECTOR SHALL BE SECURELY SUPPORTED AROUND TOP EDGE.
 ON ALL FIXTURES HAVING A HOLDER OR HOOK ENCLOSING THE SOCKET ASSEMBLY THE SOCKET SHALL BE SECURELY TO CHANDELLIER LOOP BY MEANS OF A LOCK WASHER.



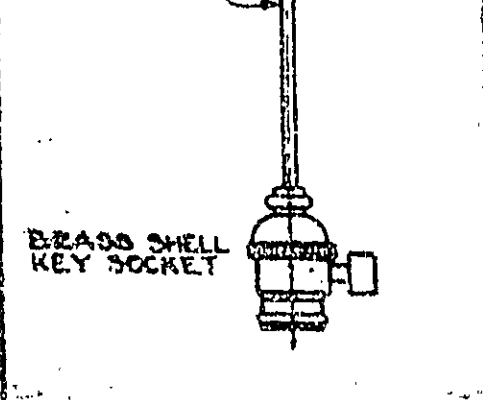
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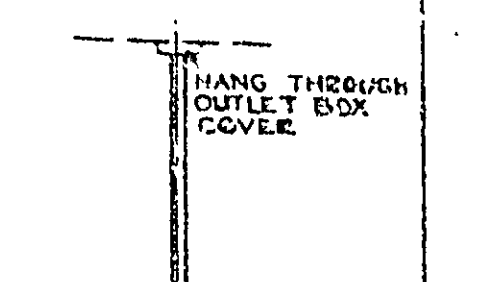
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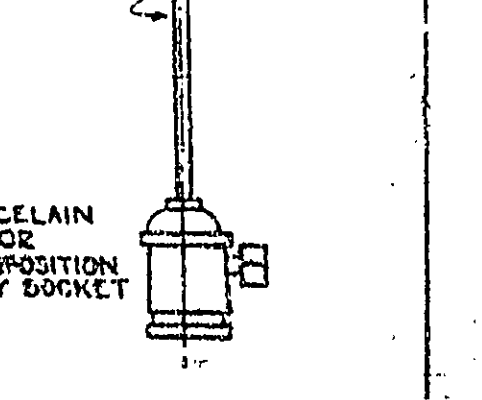
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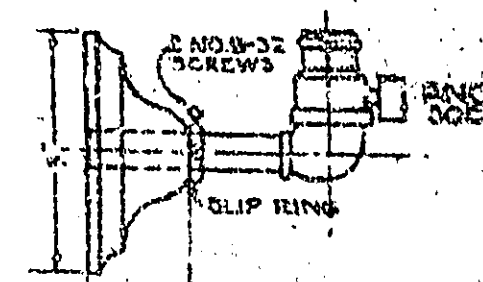
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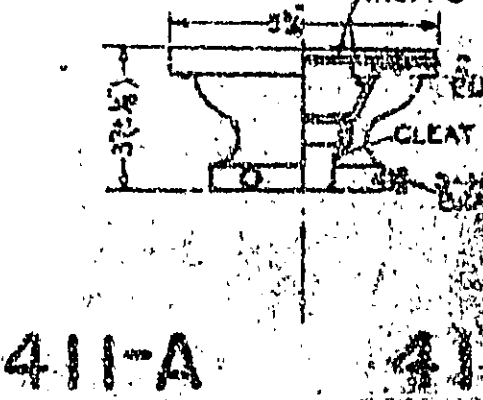
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406-B



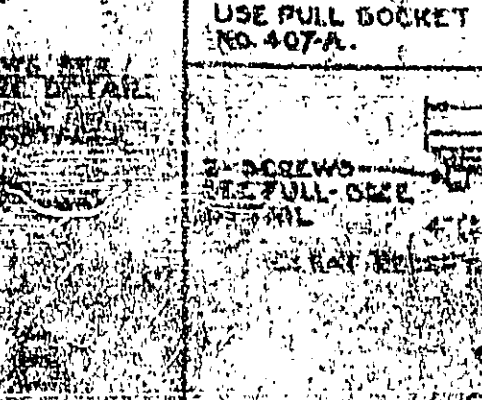
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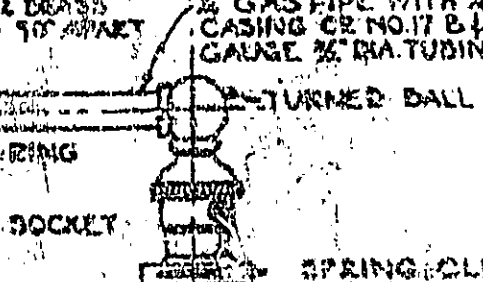
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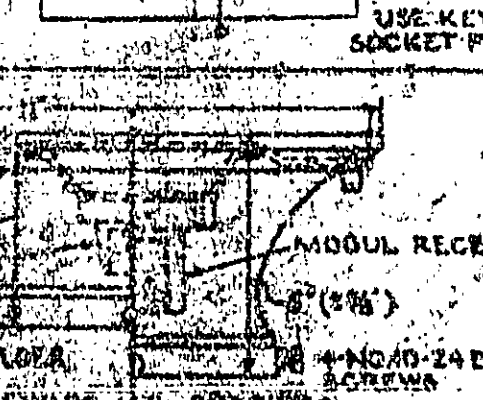
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408-B



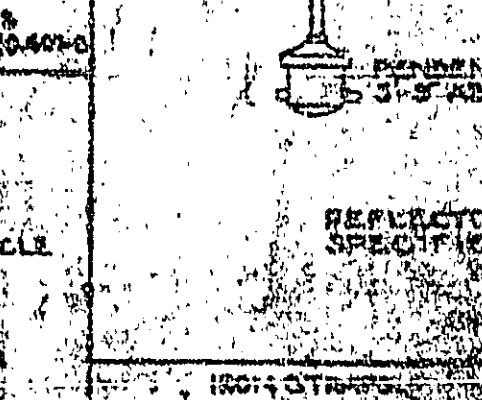
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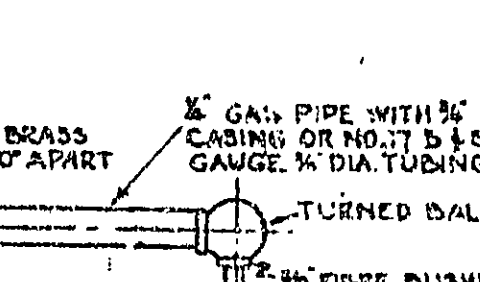
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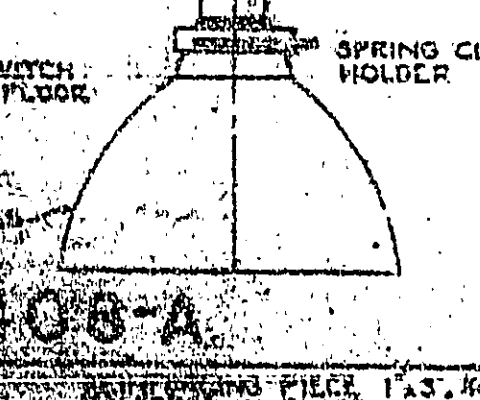
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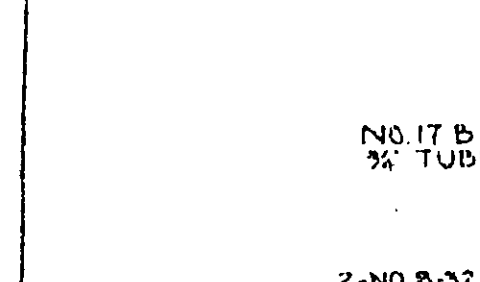
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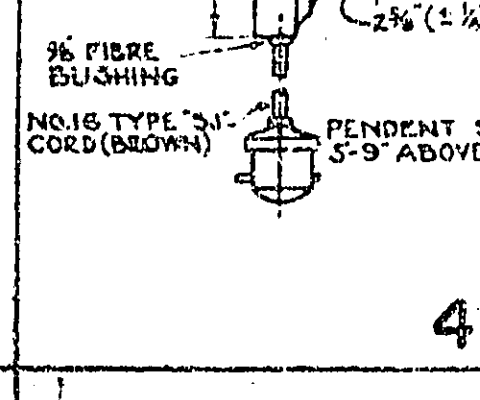
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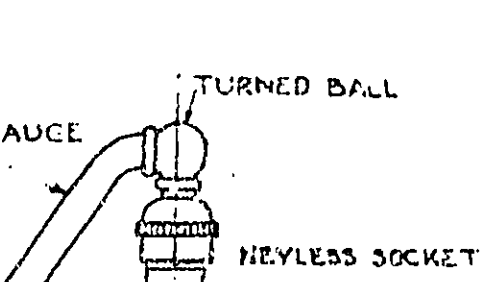
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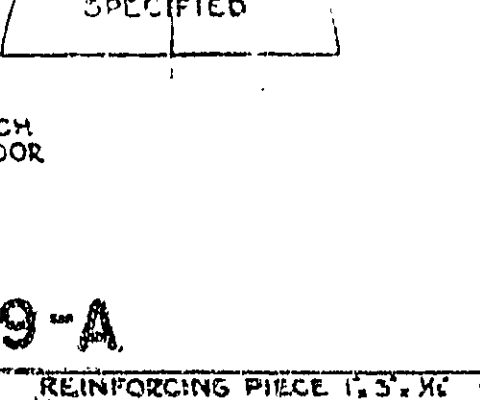
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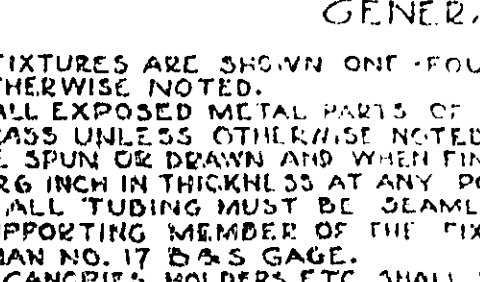
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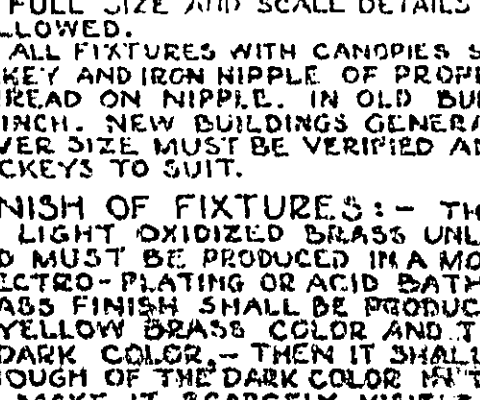
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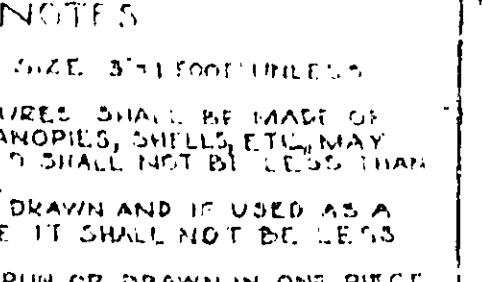
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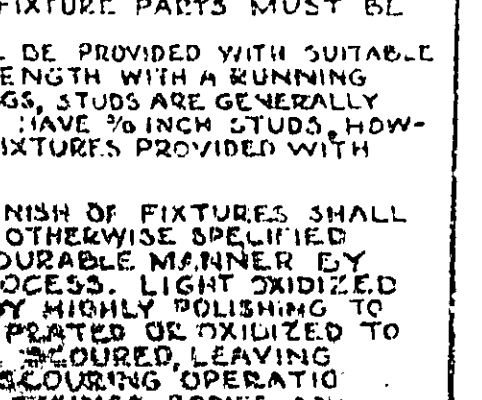
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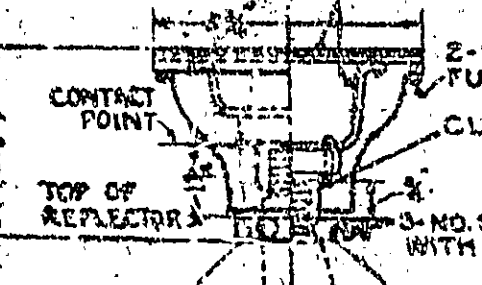
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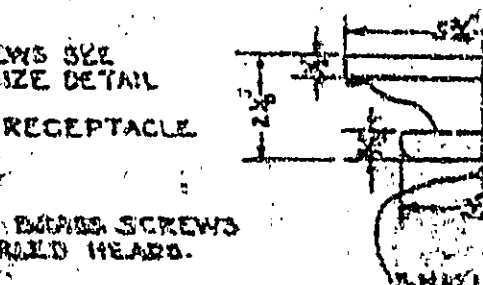
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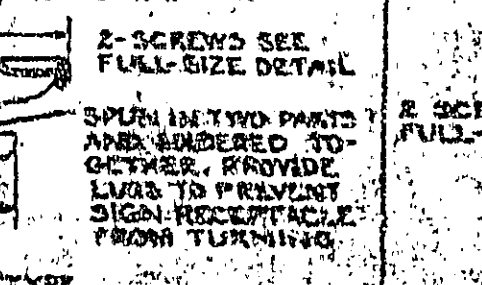
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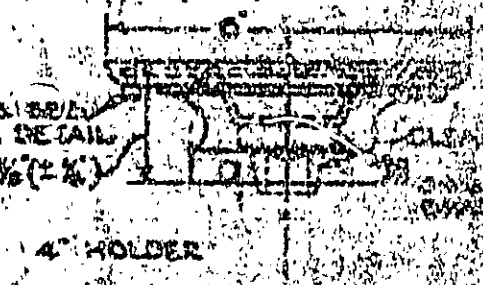
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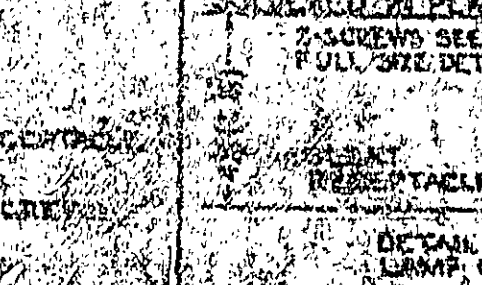
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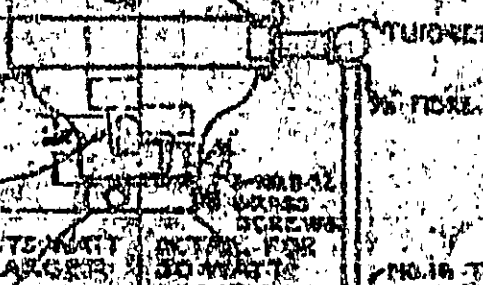
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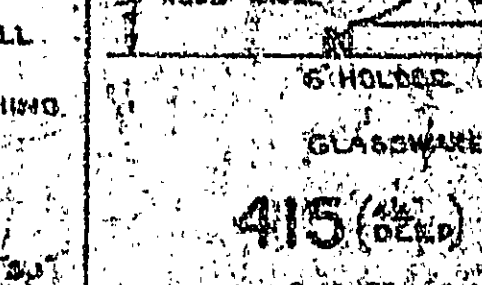
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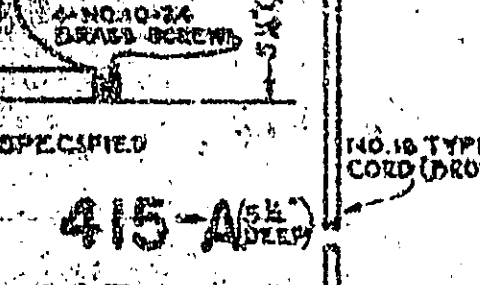
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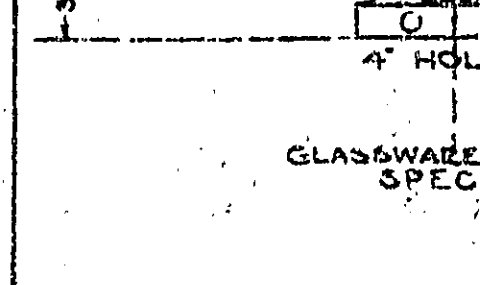
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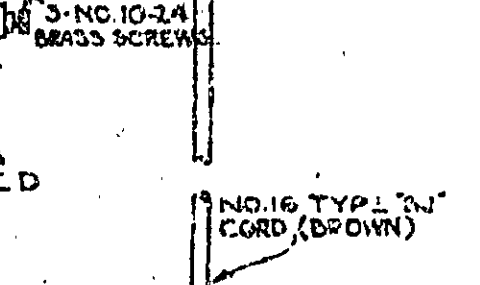
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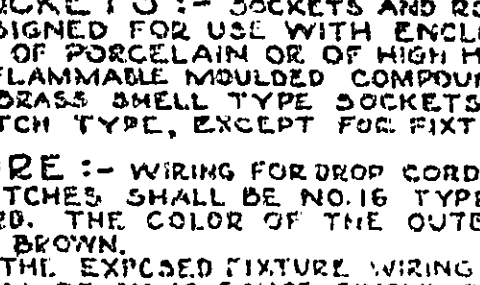
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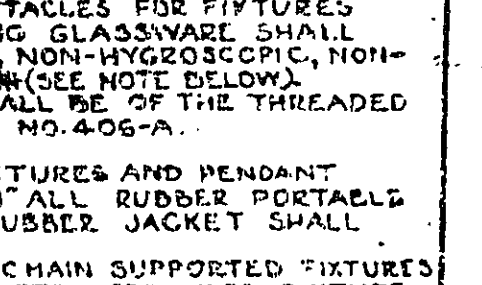
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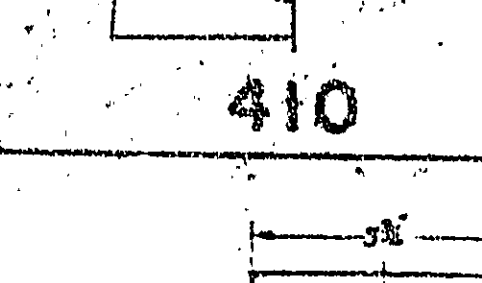
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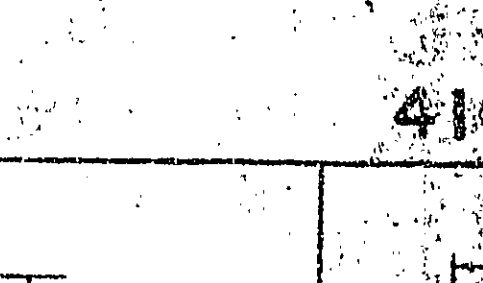
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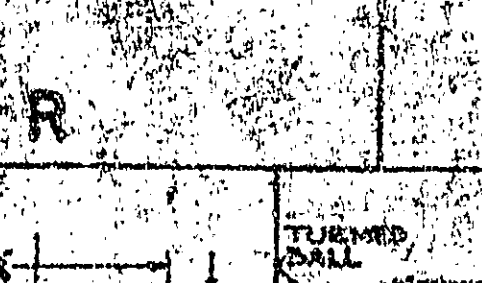
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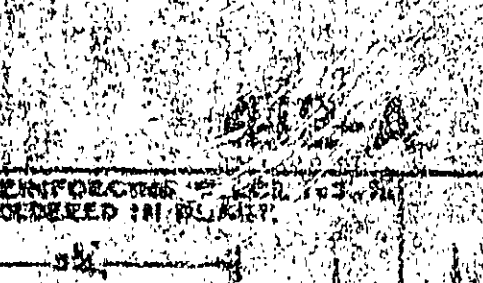
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424-D



424-E



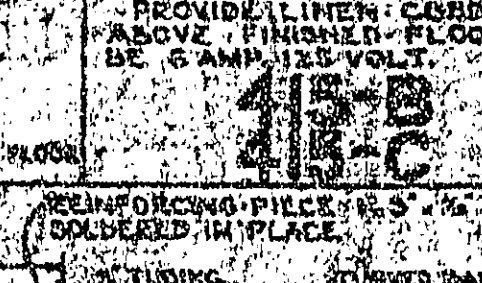
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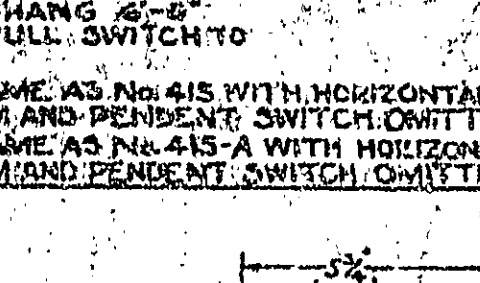
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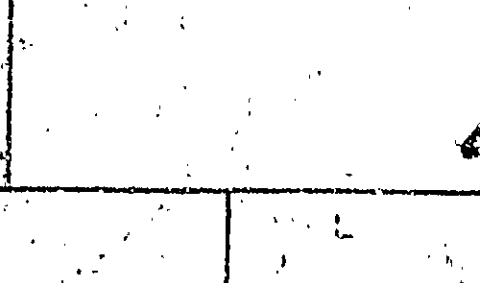
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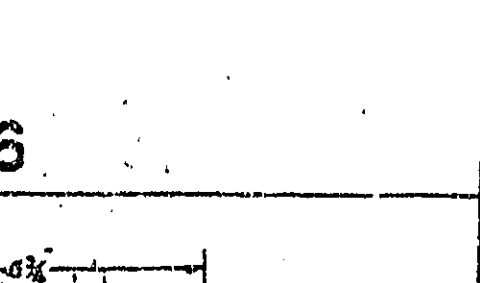
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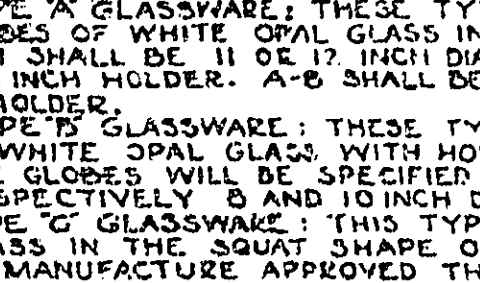
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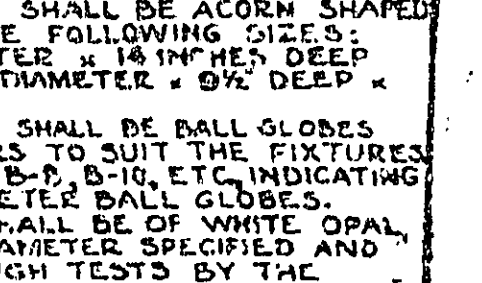
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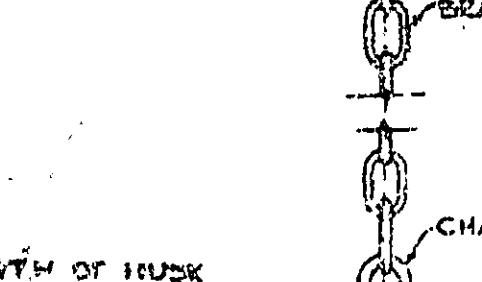
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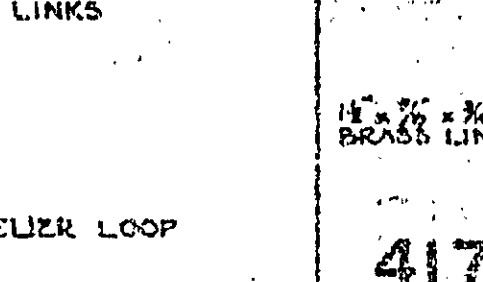
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424-N



424-O



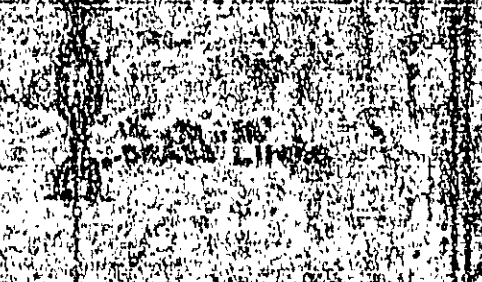
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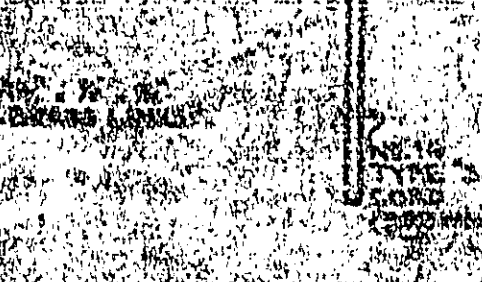
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424-S



424-T



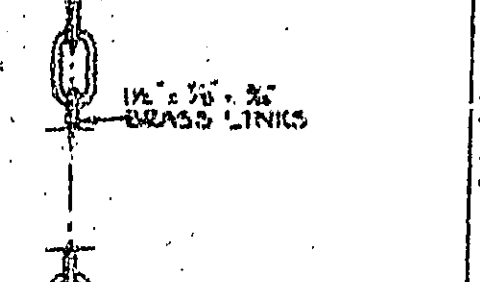
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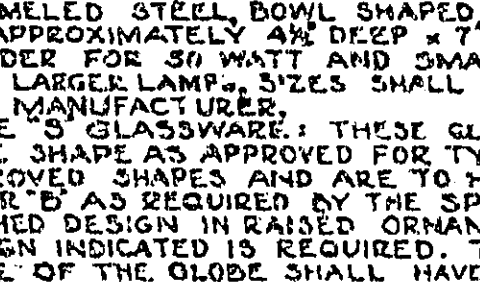
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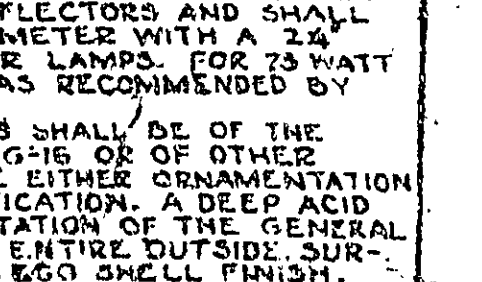
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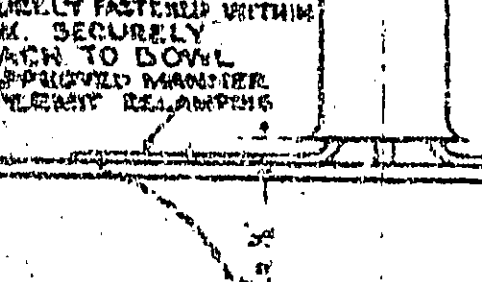
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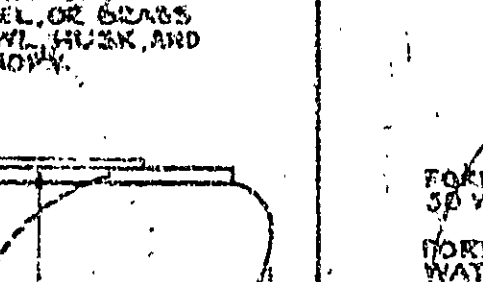
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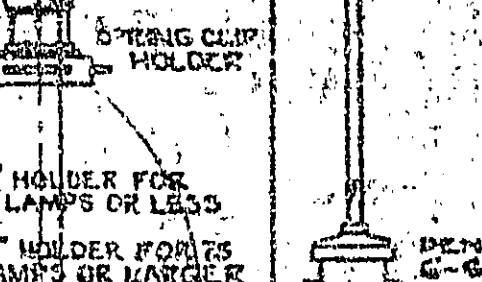
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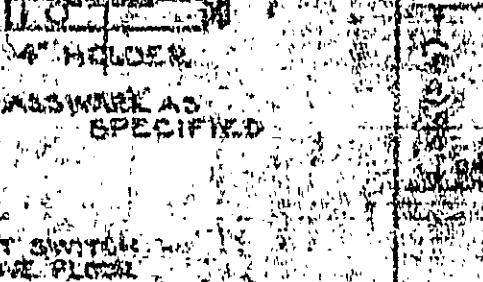
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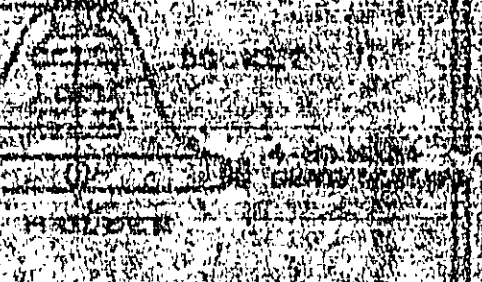
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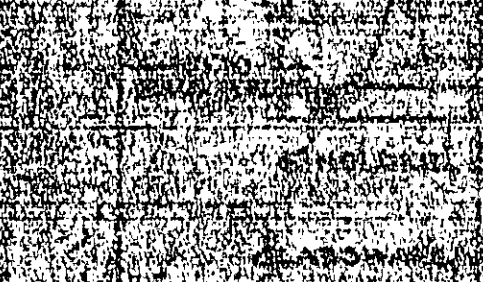
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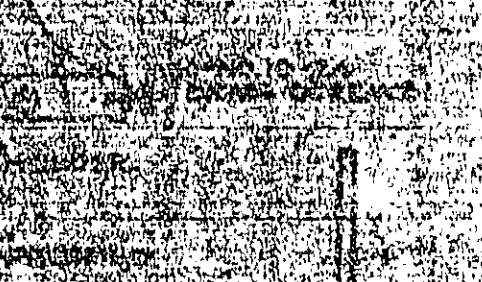
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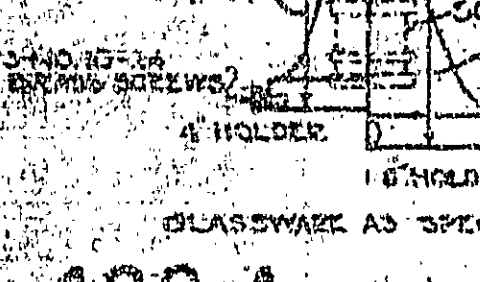
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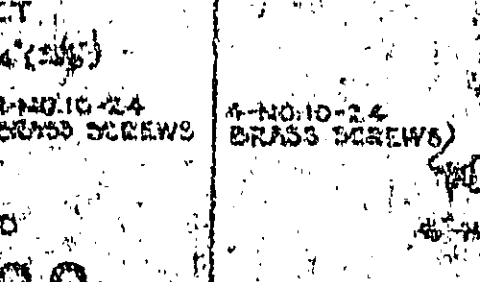
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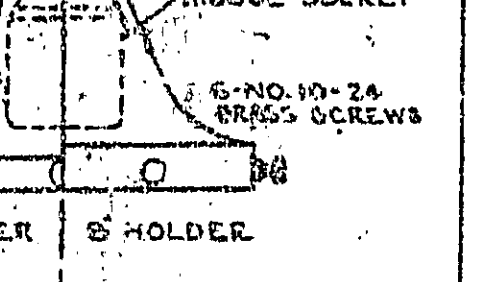
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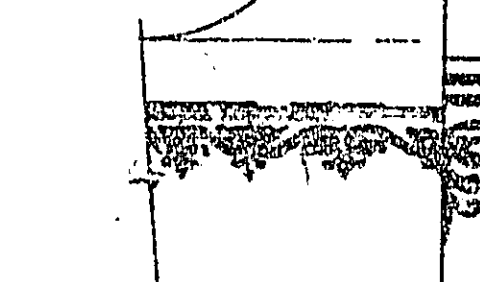
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424-AI



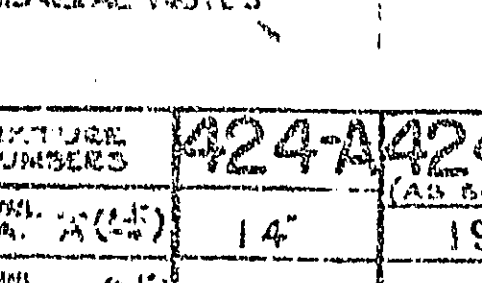
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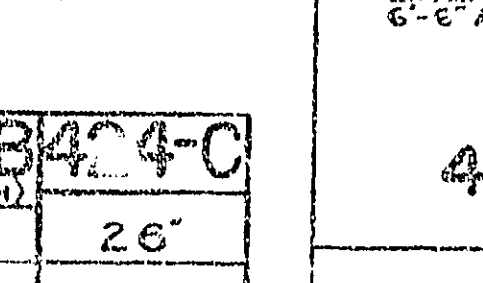
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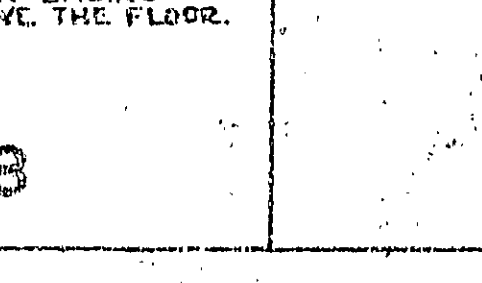
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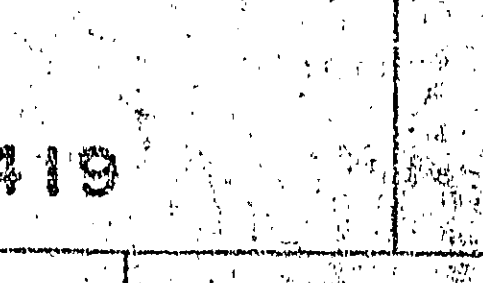
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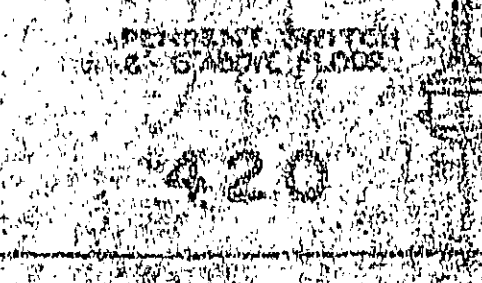
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424-AO



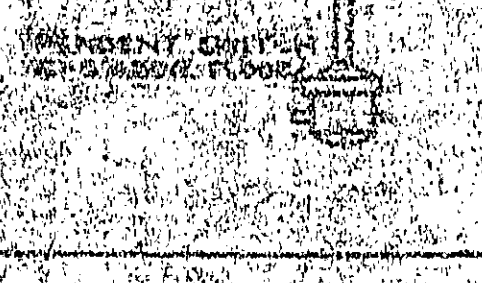
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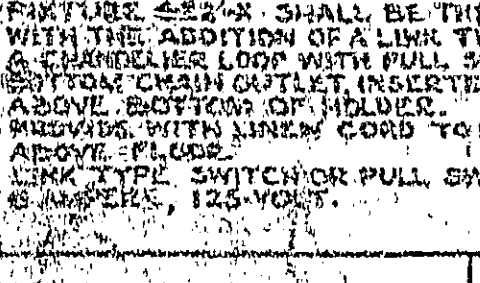
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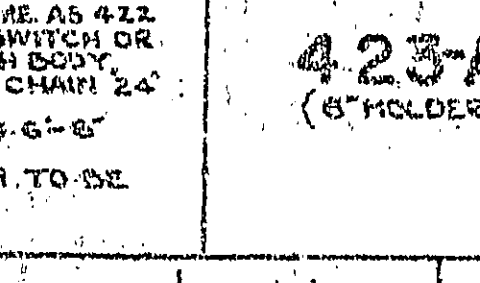
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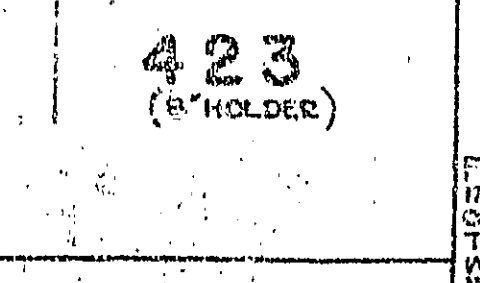
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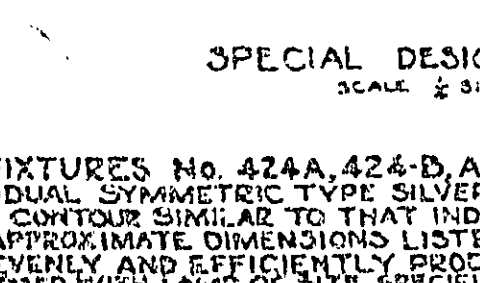
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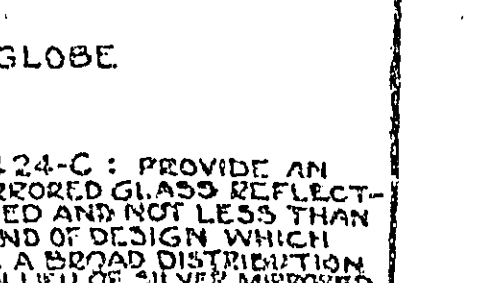
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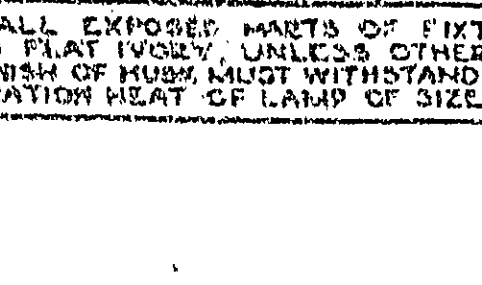
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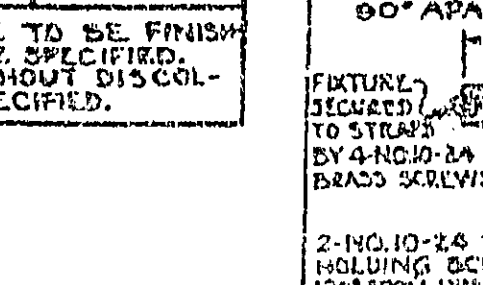
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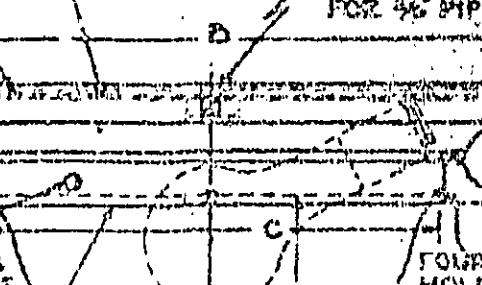
424-AX



424-AY



424-AZ



424-BA



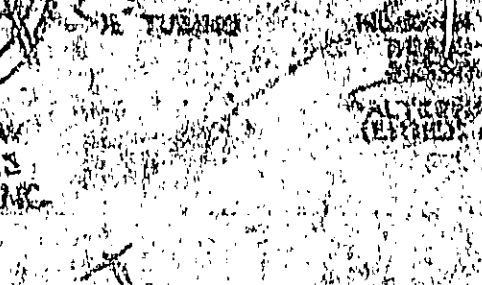
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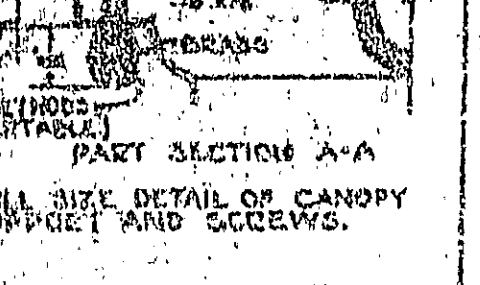
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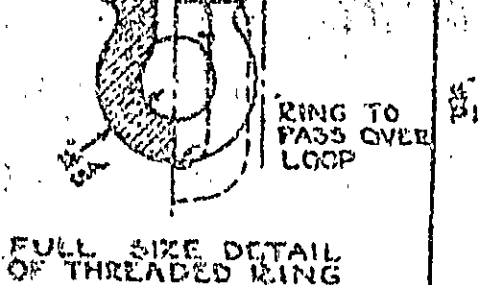
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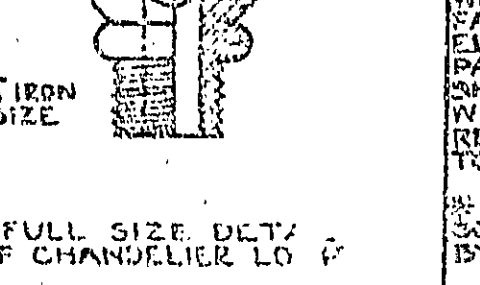
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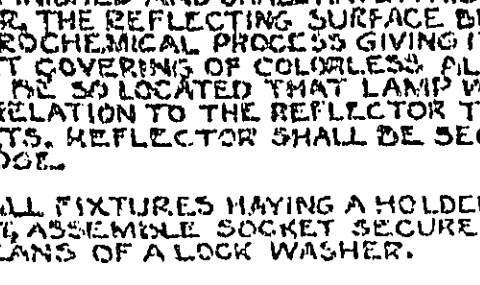
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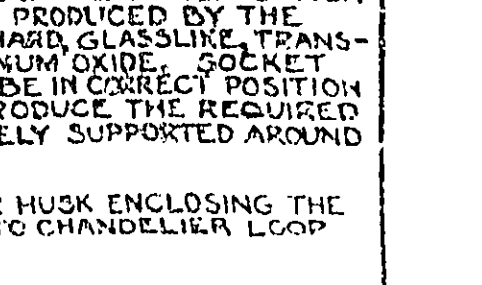
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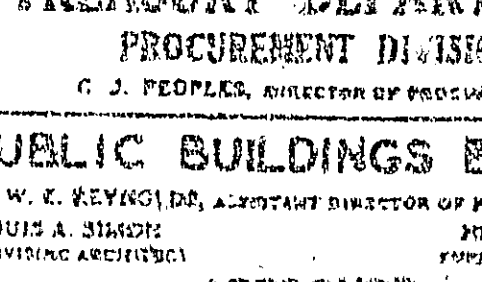
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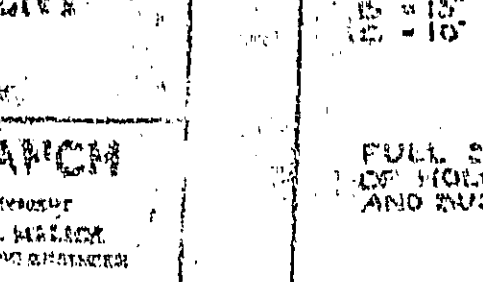
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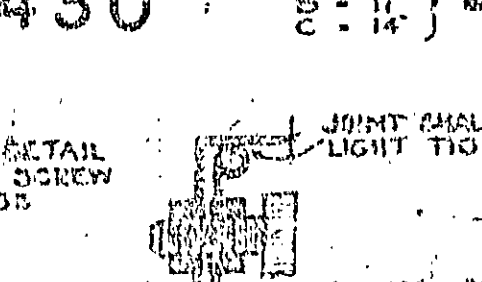
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424-BK



424-BL



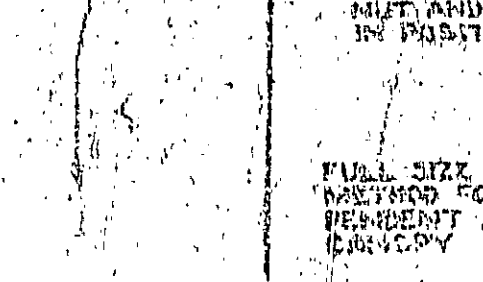
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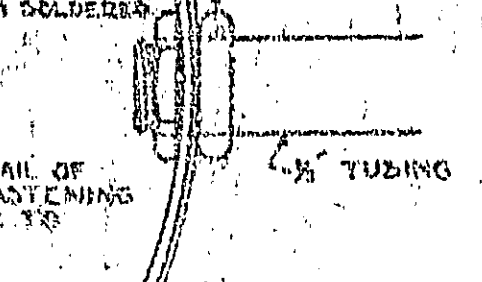
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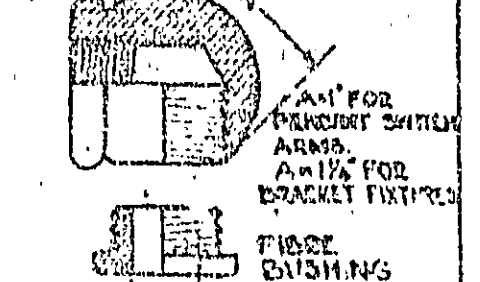
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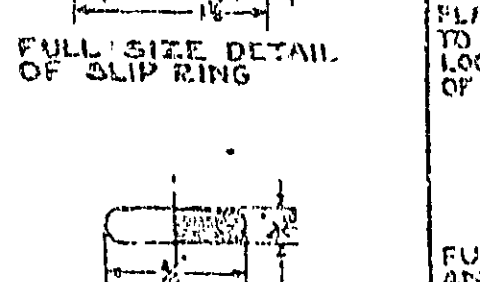
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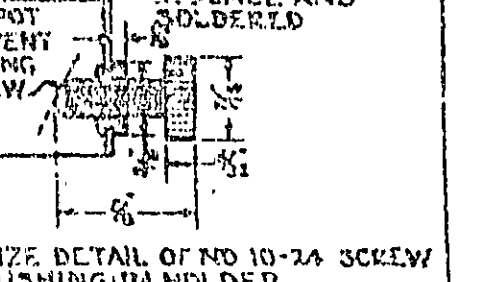
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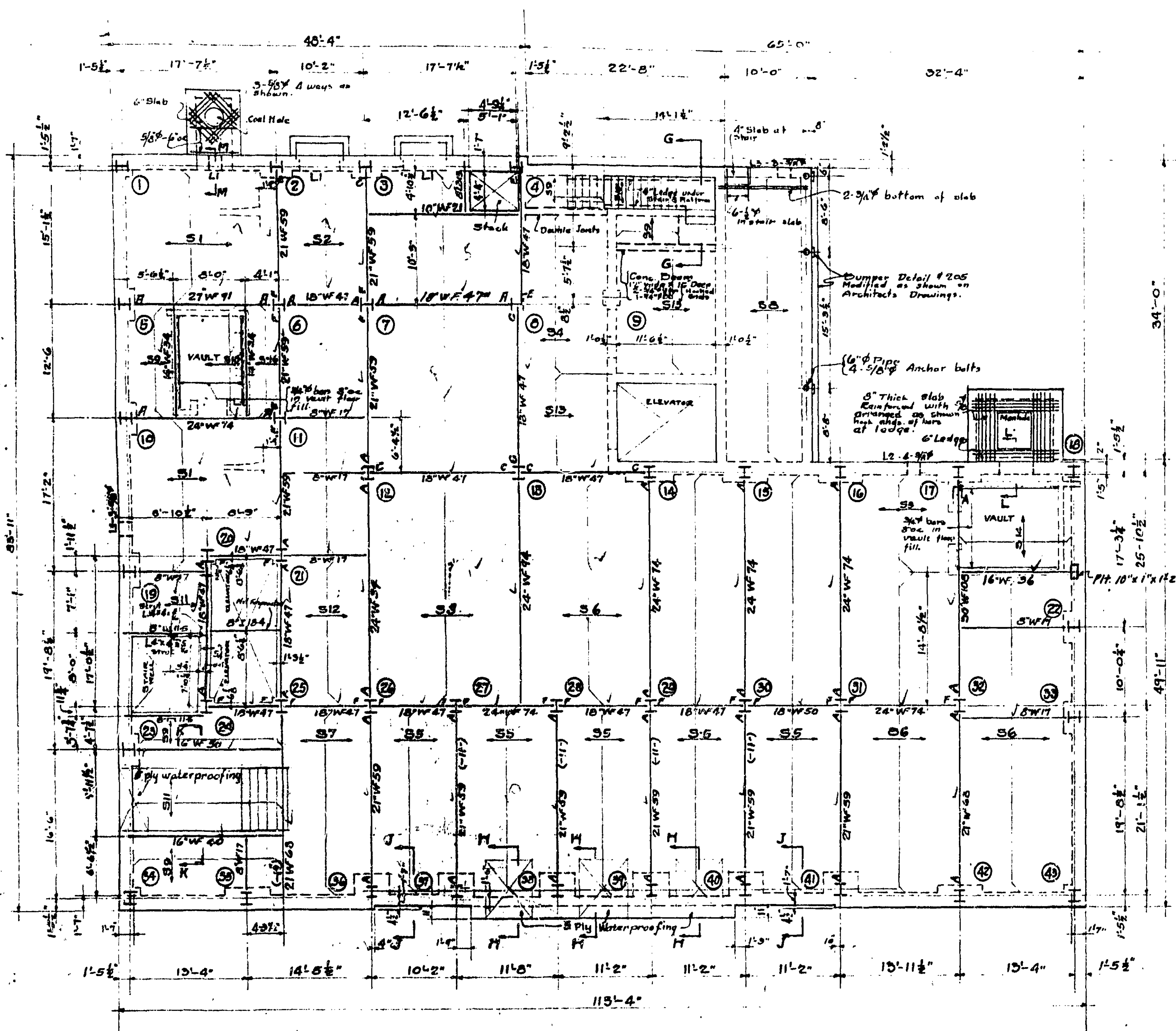
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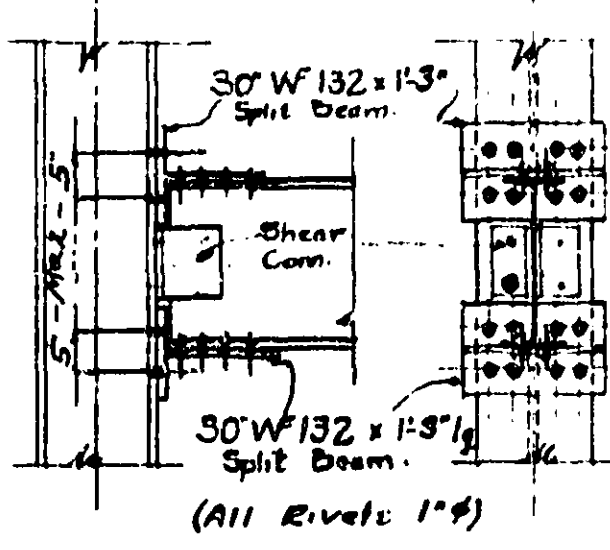
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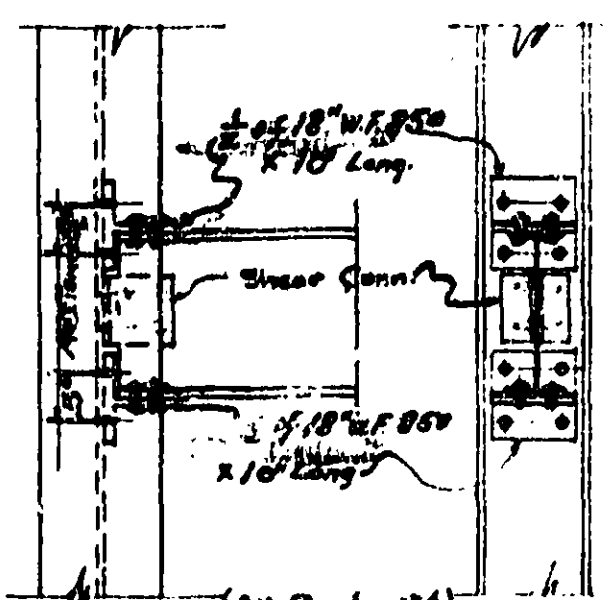
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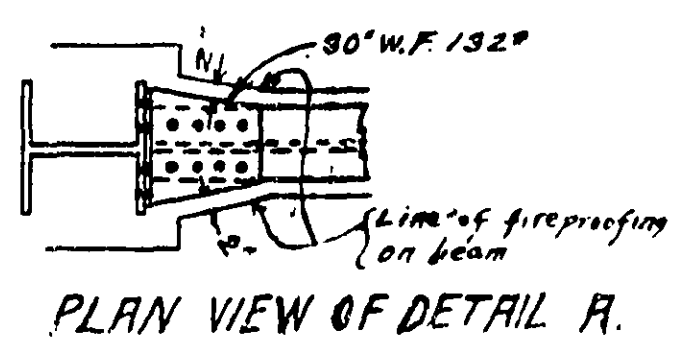
FIRST FLOOR FRAMING PLAN
SCALE 1/8" = 1'-0"



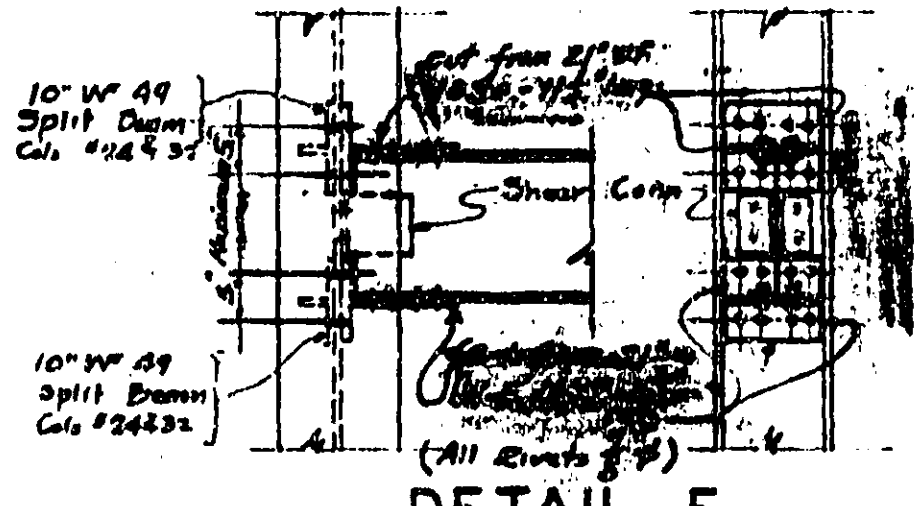
DETAIL A
SCALE 1/2" = 1'-0"



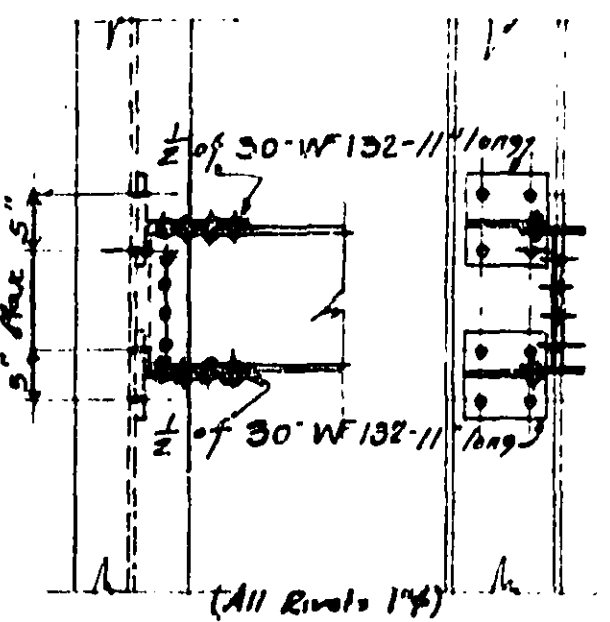
DETAIL C
SCALE 1/2" = 1'-0"



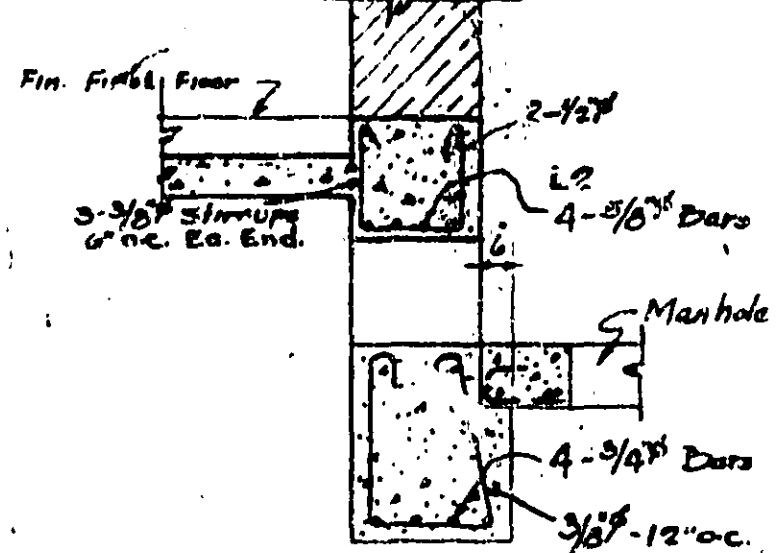
PLAN VIEW OF DETAIL A



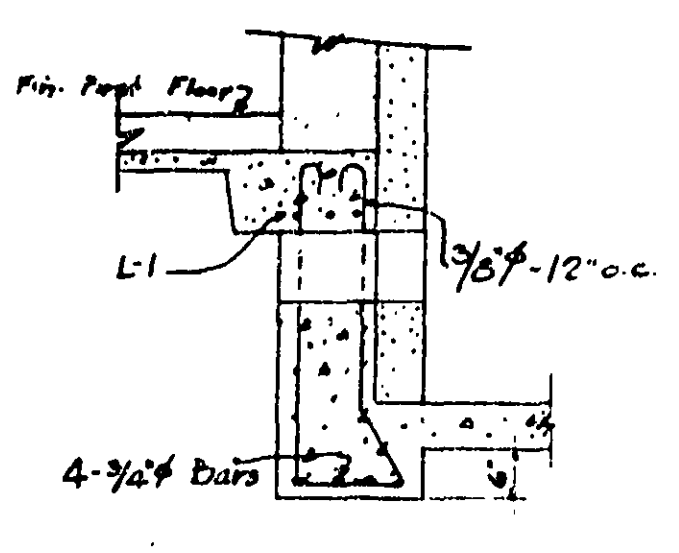
DETAIL F
SCALE 1/2" = 1'-0"
Note: Cut webs of split beams as shown in plan view of Det. H.



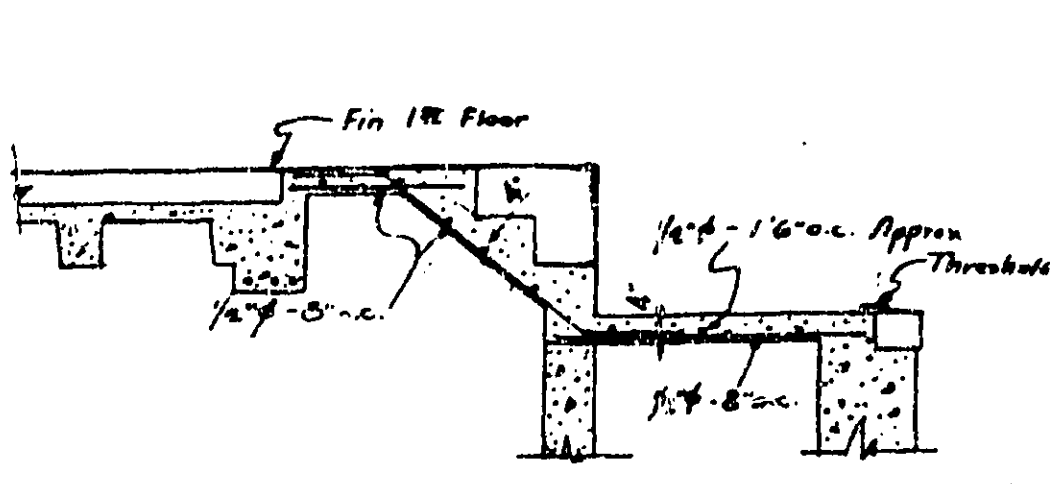
DETAIL E
SCALE 1/2" = 1'-0"



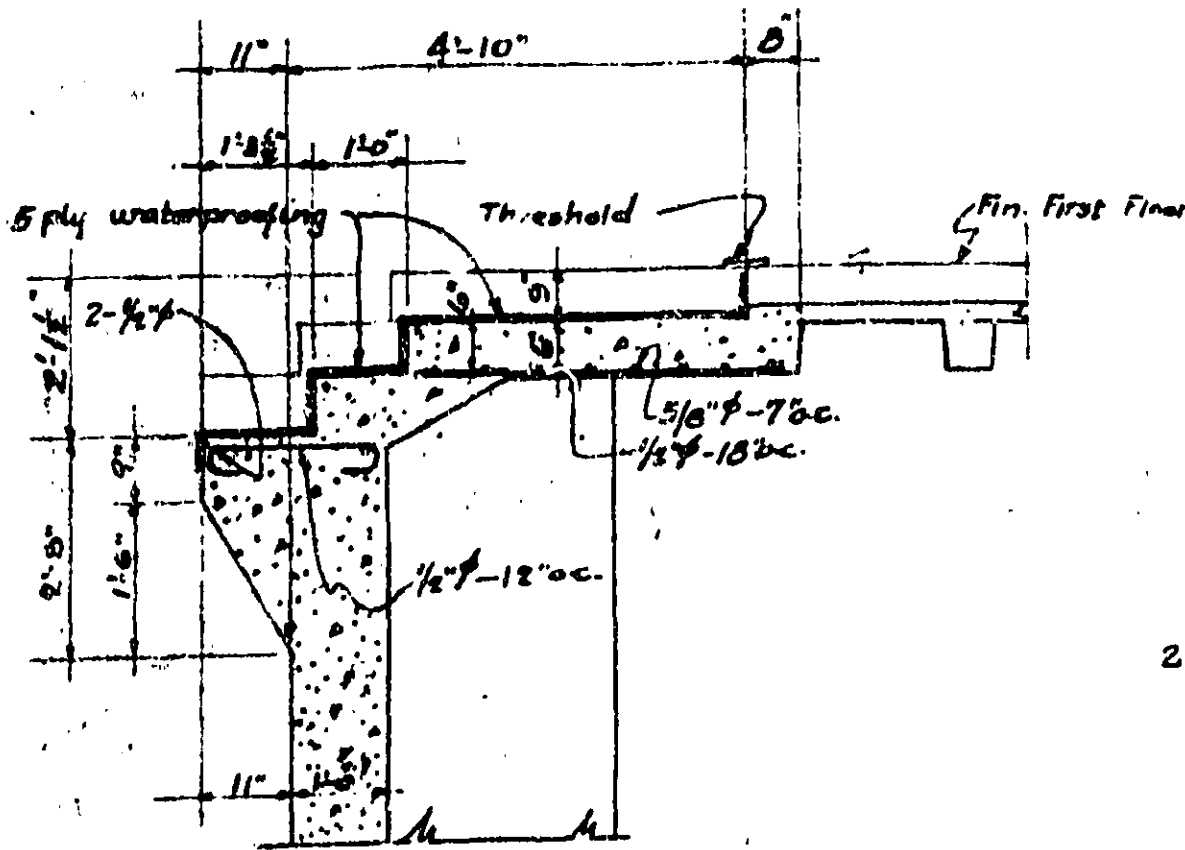
SECTION L-L
SCALE 1/2" = 1'-0"



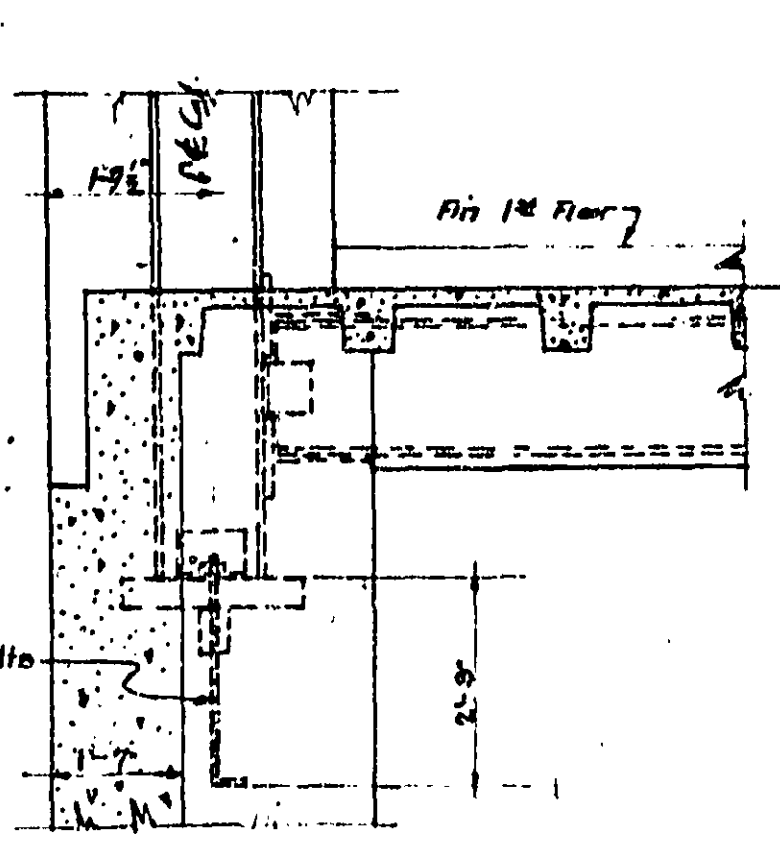
SECTION M-M
SCALE 1/2" = 1'-0"



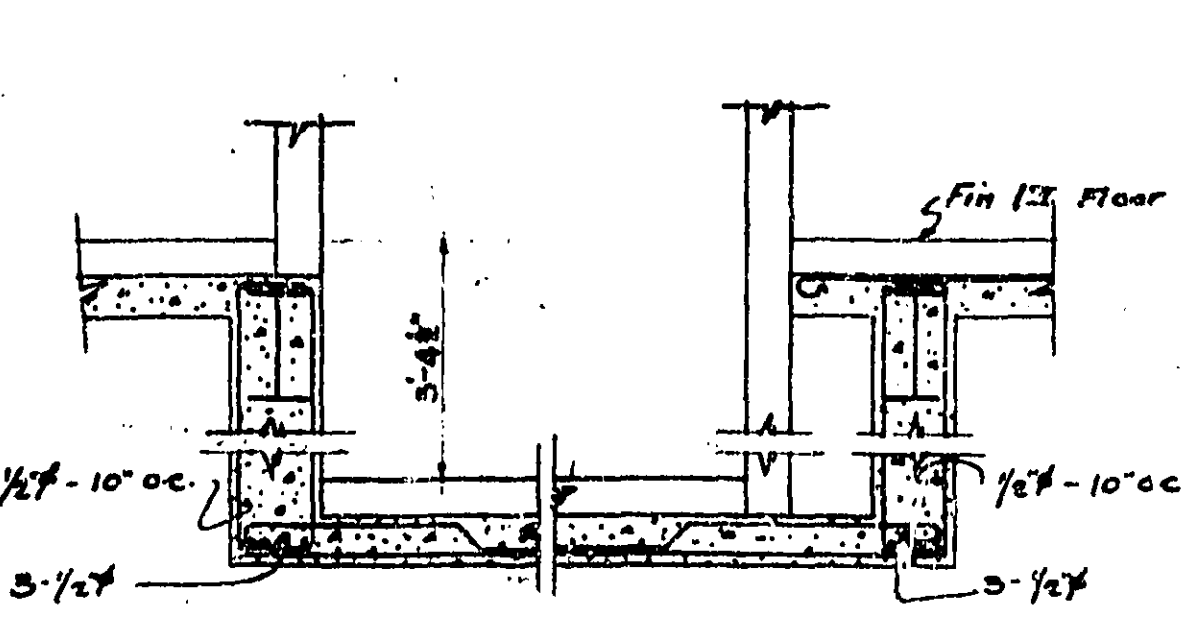
SECTION G-G
SCALE 3/8" = 1'-0"



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



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

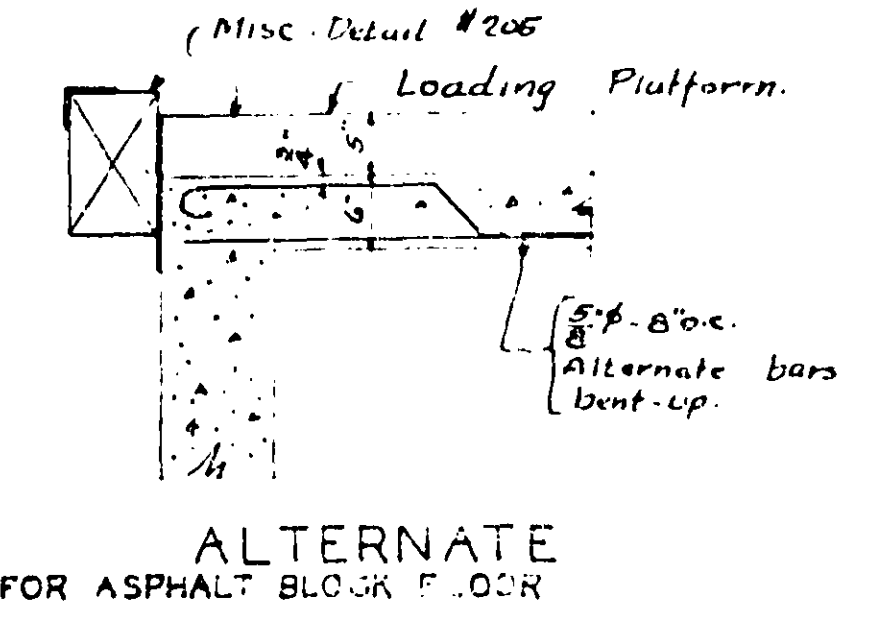


SECTION K-K
SCALE 1/2" = 1'-0"

SLAB SCHEDULE

MARK	REINFORCEMENT	REMARKS
	STRAIGHT BENT No. SIZE No. SIZE	
S1	8 22 1 7/8" 1 7/8"	Splay both ends
S2	8 2 1/2 2 1/2" Top	Splay both ends. Extend into bars 6" into adjacent span
S3	8 2 1/2 1 3/4" 1 7/8"	Splay both ends.
S4	8 2 1/2 2 1/2" Top	Splay beam end
S5	6 2 1 3/8" 1 3/8"	Splay both ends.
S6	8 2 1/2 1 3/8" 1 3/8"	Splay both ends.
S7	6 2 1 3/8" 5/8"	Splay end at 21" W50 beam
S8	7 8 2 1/2 8" oc	Alternate bars bent up into adjacent span
S9	4 8 2 1/2 8" oc	Extend top bars into adjacent column
S10	6 8 2 1/2 8" oc	Alternate bars bent up
S11	6 8 2 1/2 8" oc	Alternate bars bent up
S12	8 2 1/2 1 3/8" Top	Splay end at 21" W50 beam. Extend top bars 6" into adjacent span
S13	8 2 1/2 1 3/8" 1 3/8"	Splay 5/8" end and 3/8" end
S14	8 2 1/2 1 3/8" 1 3/8"	Alternate bars bent up
S15	4 8 2 1/2 8" oc	Alternate bars bent up
S16	4 8 2 1/2 8" oc	6" oc. 1/2" wire fabric in bottom

NOTE:
For lintels over basement wall openings see detail #25 Drawing 5390-D.
See Drawing 409 for reference to standard Details.
Notations (N) on plan refer to detail of wind bracing which is shown on this drawing.
Tops of all beams are (T) unless in floor unless noted otherwise.
Dimensions shown thus (11") denotes elevation of top of beam below fin floor.
For shear connections see Detail S15 Drawg. 5390-D.
Reinforcement shall be 5" below finished floor unless shown otherwise.

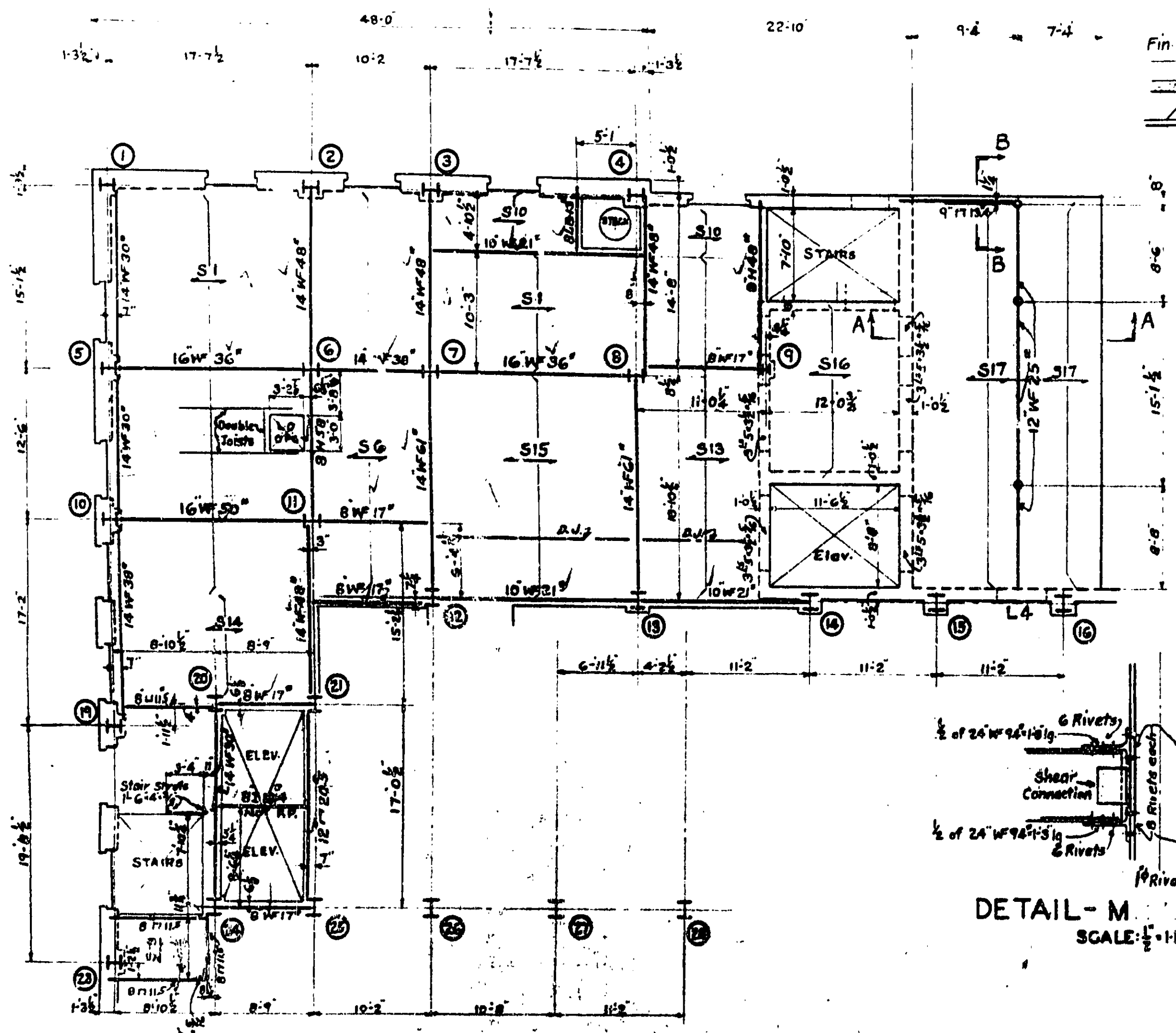


ALTERNATE FOR ASPHALT BLOCK FLOOR

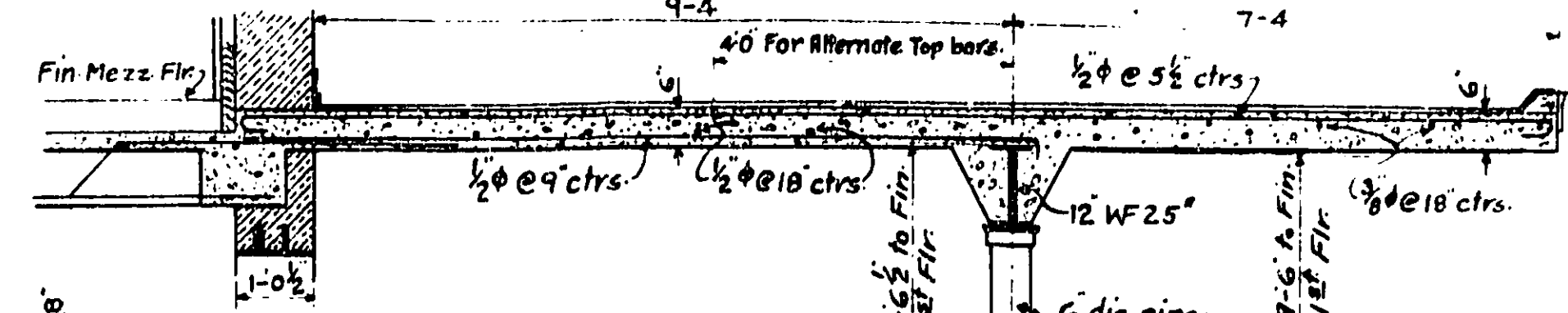
TREASURY DEPARTMENT
PROCUREMENT DIVISION
C. J. PEOPLES, DIRECTOR OF PROCUREMENT
PUBLIC BUILDINGS BRANCH
W. E. REYNOLDS, ASSISTANT DIRECTOR OF PROCUREMENT
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NEAL A. MELICK, SUPERVISING ENGINEER
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W. C. JELLY, CHIEF OF MECHANICAL ENGINEERING
N. S. THOMPSON, CHIEF OF ELECTRICAL ENGINEERING
T. C. BROOKS, CHIEF OF STRUCTURAL ENGINEERING

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No. 401



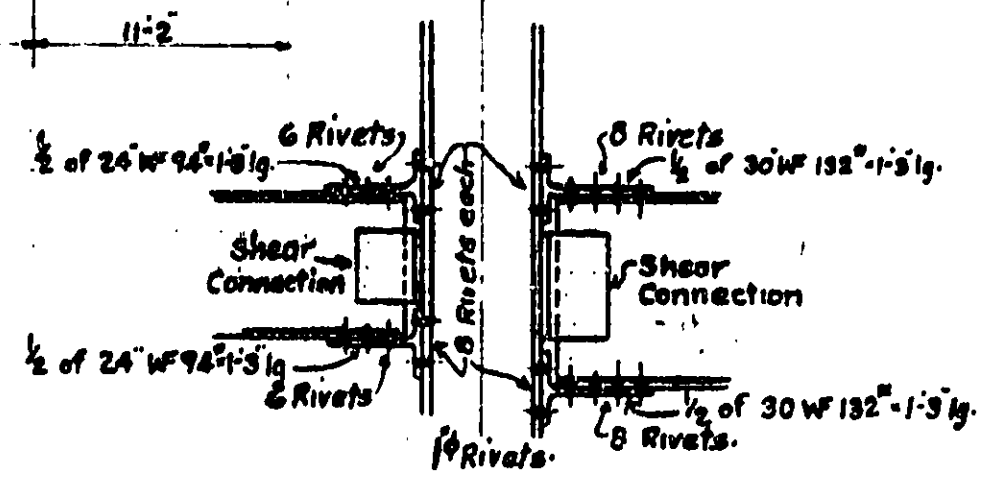
MEZZANINE FLOOR FRAMING PLAN
SCALE: 1/4" = 1'-0"



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



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



DETAIL-M DETAIL-N
SCALE: 1/2" = 1'-0"

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

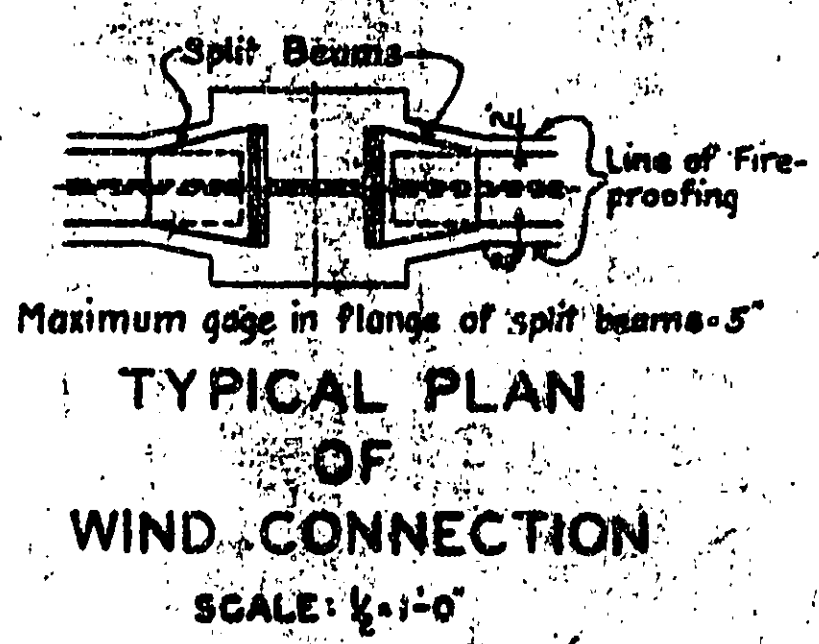
DETAIL-S
SCALE: 1/2" = 1'-0"

DETAIL-H
SCALE: 1/2" = 1'-0"

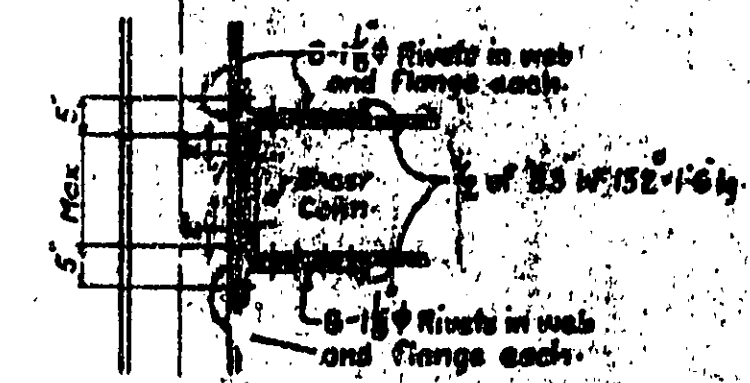
DETAIL-P
SCALE: 1/2" = 1'-0"

MARK	MATERIAL	DESCRIPTION
L1	1-7/8" x 1/4" x 1/4" L	
L2	1-7/8" x 3/8" x 1/4" L	
L3	1-7/8" x 1/2" x 1/4" L	
L4	1-7/8" x 5/8" x 1/4" L	
L5	1-7/8" x 3/4" x 1/4" L	

See Architectural Drawings and Details for sections thru lintels. See Drawing S-390-D, Detail S25 and Architectural Drawings for lintels not indicated on plans.

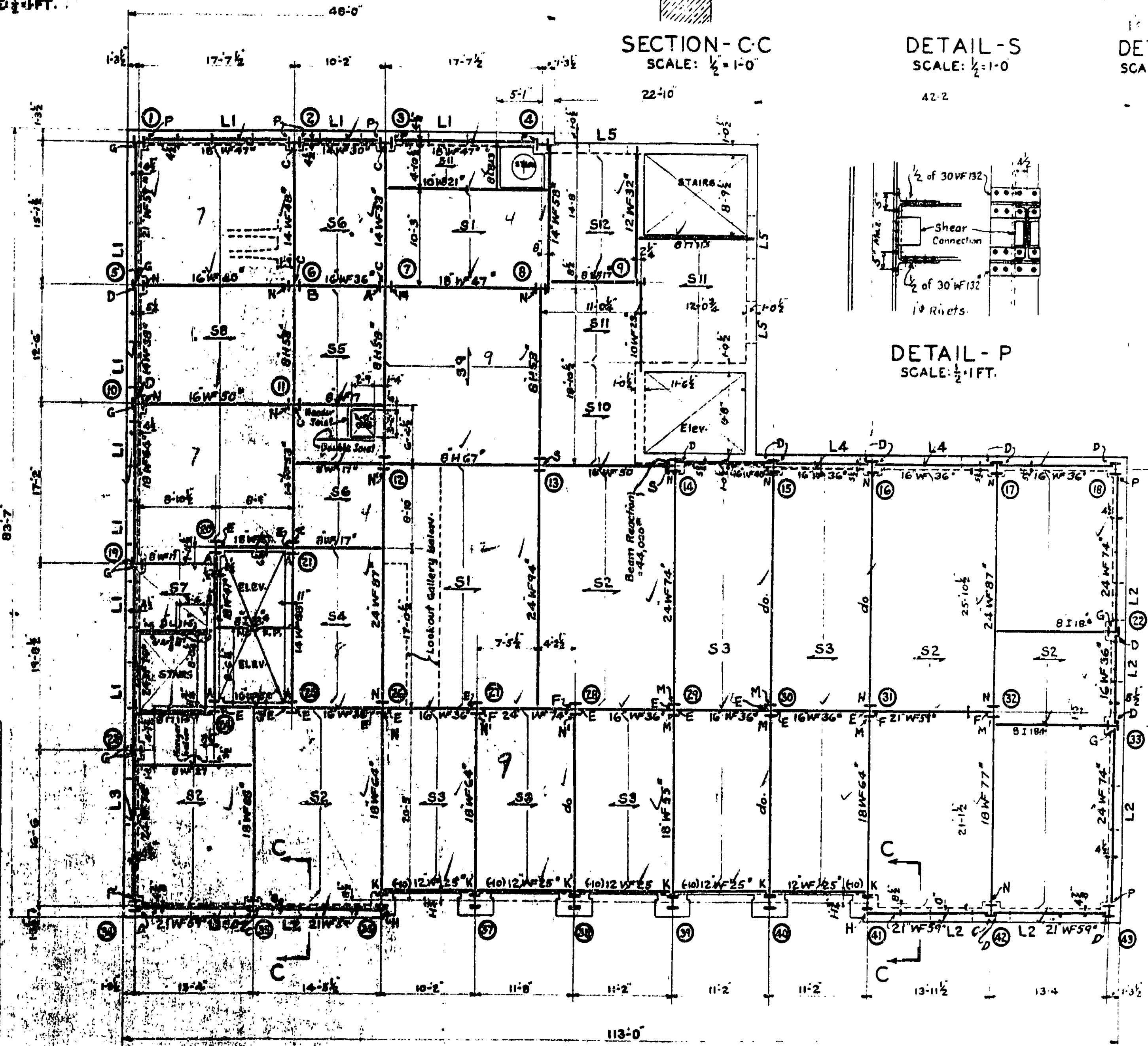


TYPICAL PLAN OF WIND CONNECTION
SCALE: 1/2" = 1'-0"

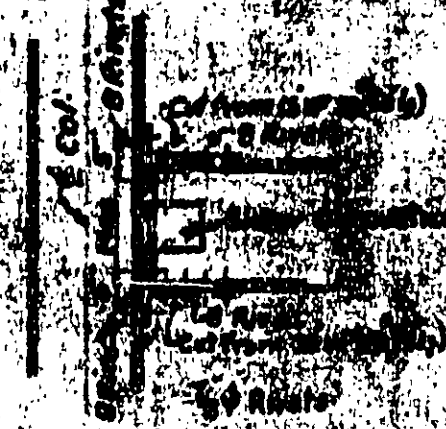


DETAIL P-N & K
SCALE: 1/2" = 1'-0"

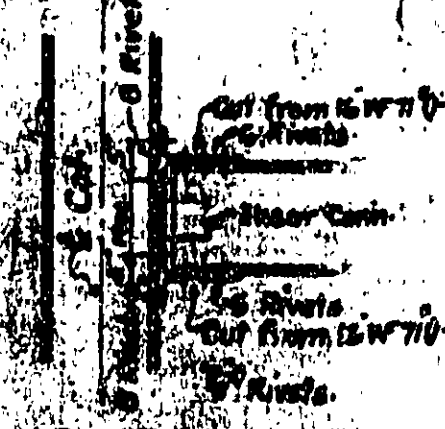
SLAB SCHEDULE				REMARKS
MARK	A	B	REINFORCING	
			STRAIGHT BENT NO. SIZE NO. SIZE	
S1	8	2 1/2	1 3/4" 1 3/4"	Splayed both ends.
S2	8	2 1/2	1 3/4" 1 3/4"	do do do
S3	6	2	1 3/4" 1 3/4"	do do do
S4	8	2 1/2	1 3/4" 1 3/4"	Splayed S1 end. Top bars hooked over 18" and extended 4'-0" into S1 slab.
S5	8	2 1/2	1 3/4" 1 3/4"	Splayed S2 end. Top bars to extend 6'-0" into S2 slab and 3'-0" into S1 slab.
S6	8	2 1/2	1 3/4" 1 3/4"	Splayed both ends. Top bars to extend 6'-0" into each adjacent span.
S7	6	2	1 3/4" 1 3/4"	Hook bent bars over steel beams.
S8	8	2 1/2	1 3/4" 1 3/4"	Splayed both ends.
S9	8	2 1/2	1 3/4" 1 3/4"	Splayed both ends.
S10	8	2 1/2	1 3/4" 1 3/4"	Splayed both ends.
S11	8	2 1/2	1 3/4" 1 3/4"	Splayed at continuous end.
S12	8	2 1/2	1 3/4" 1 3/4"	Splayed at S1 end. Top bars extend 6'-0" into S1, 4'-0" into S1L and hooked over 18" at S1L.
S13	8	2 1/2	1 3/4" 1 3/4"	Splayed at S1 and S2 end. Top bars to extend 6'-0" into S1 and S2L and 2'-0" into S1L.
S14	8	2 1/2	1 3/4" 1 3/4"	Splayed both ends.
S15	8	2 1/2	1 3/4" 1 3/4"	do do do
S16	8	2 1/2	1 3/4" 1 3/4"	do do do
S17	4	4	Solid Slab	See Section A-A
S18	4	4	Solid Slab - 1/2" x 6" ctrs.	



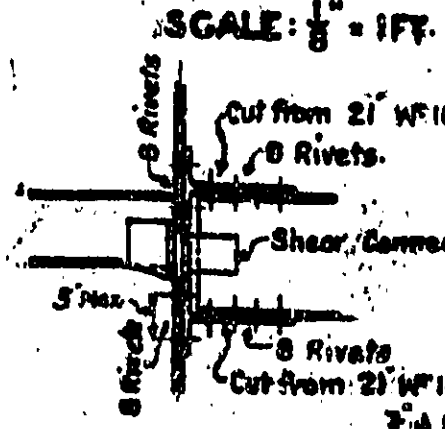
SECOND FLOOR FRAMING PLAN
SCALE: 1/4" = 1'-0"



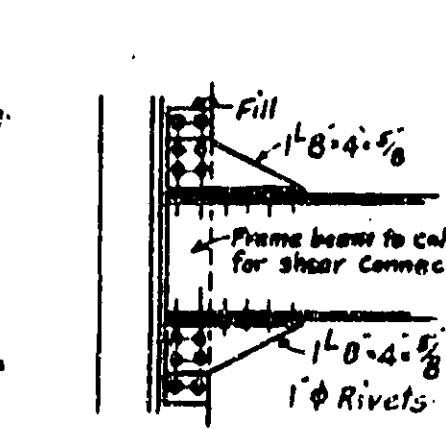
DETAIL-A
SCALE: 1/2" = 1'-0"



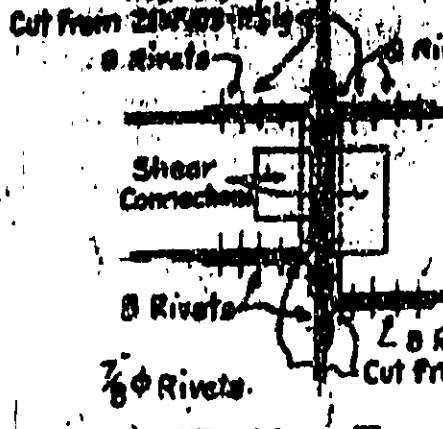
DETAIL-B
SCALE: 1/2" = 1'-0"



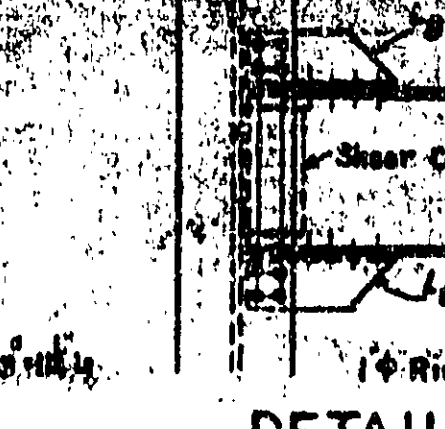
DETAIL-C
SCALE: 1/2" = 1'-0"



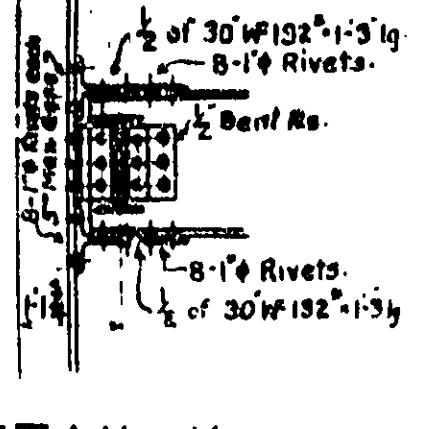
DETAIL-D
SCALE: 1/2" = 1'-0"



DETAIL-E & F
SCALE: 1/2" = 1'-0"



DETAIL-G
SCALE: 1/2" = 1'-0"



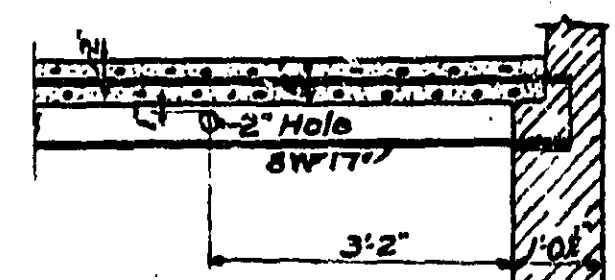
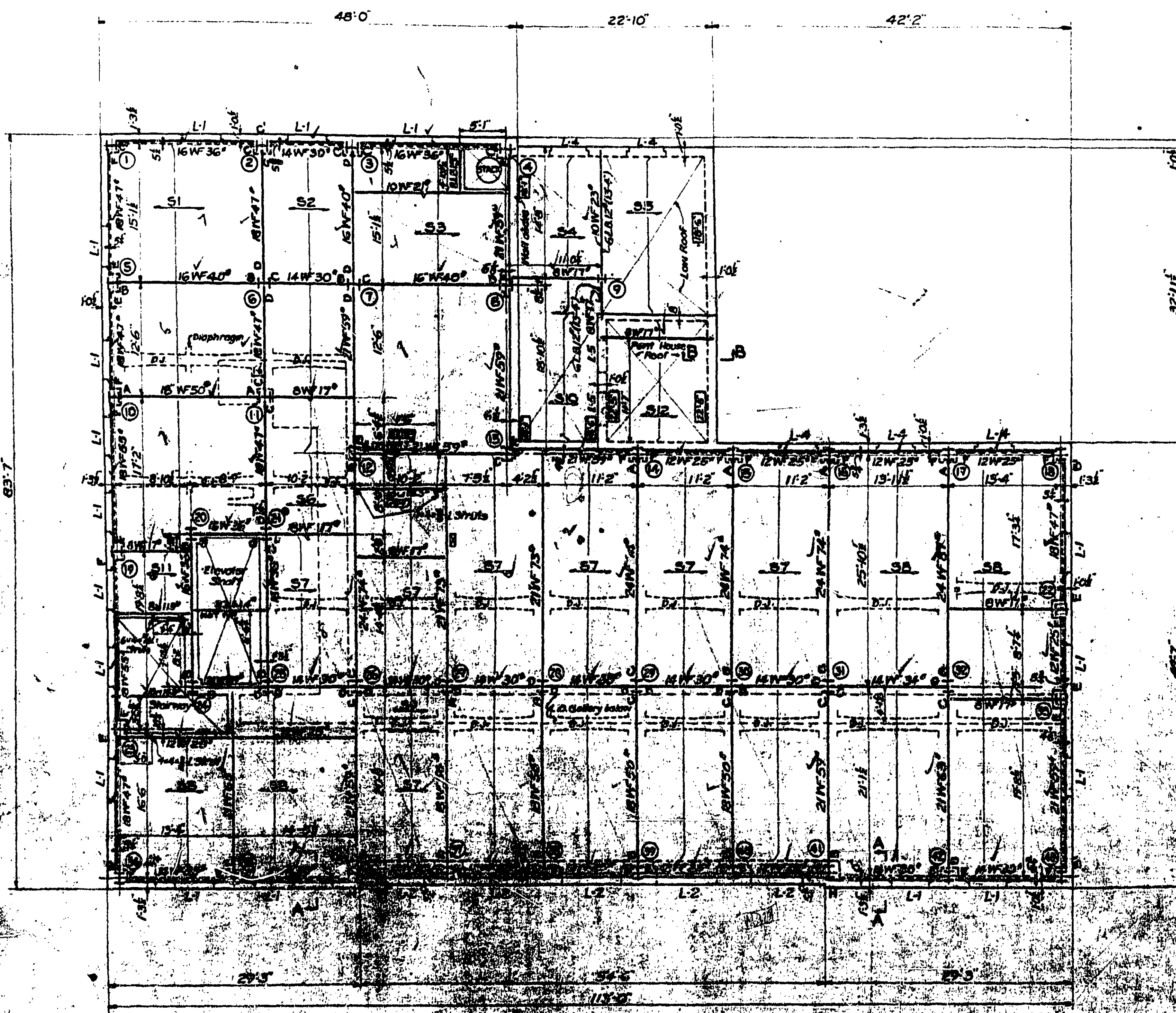
DETAIL-K
SCALE: 1/2" = 1'-0"

NOTES:
Tops of all beams 7" below Finished Floors, unless otherwise shown or noted. All connections are standard unless otherwise shown or noted. Notations A, B etc shown on plans refer to wind bracing details shown on this drawing. See Drawing #409 for reference to standard details. For shear connections See Detail S25, Drawing S-390-D. Top of Structural Slabs is 5' below Fin Fl. For Post Office Screen Framing, See Architect's Drawings.

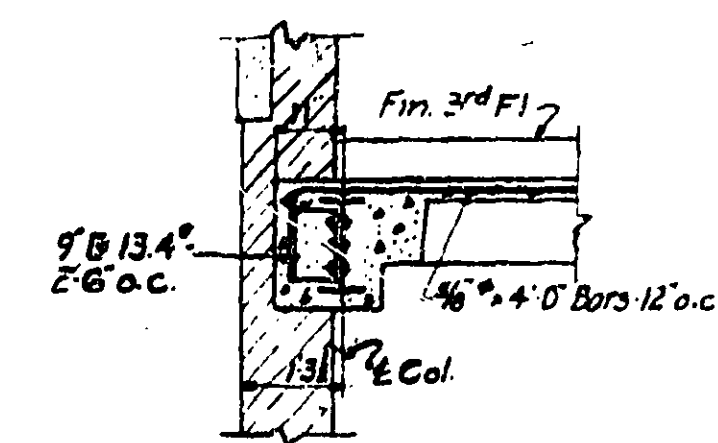
FEDERAL DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC BUILDINGS
DIVISION OF PUBLIC BUILDINGS

FED. OFFICE BLDG.
HOUSTON, TEXAS.

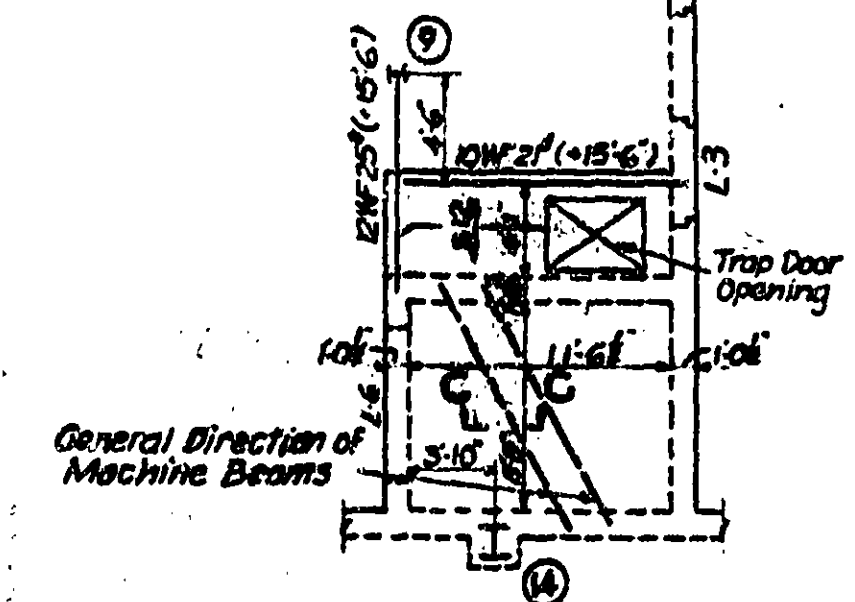
No 402



SEC. B-B
SCALE: 1/2"=1'-0"

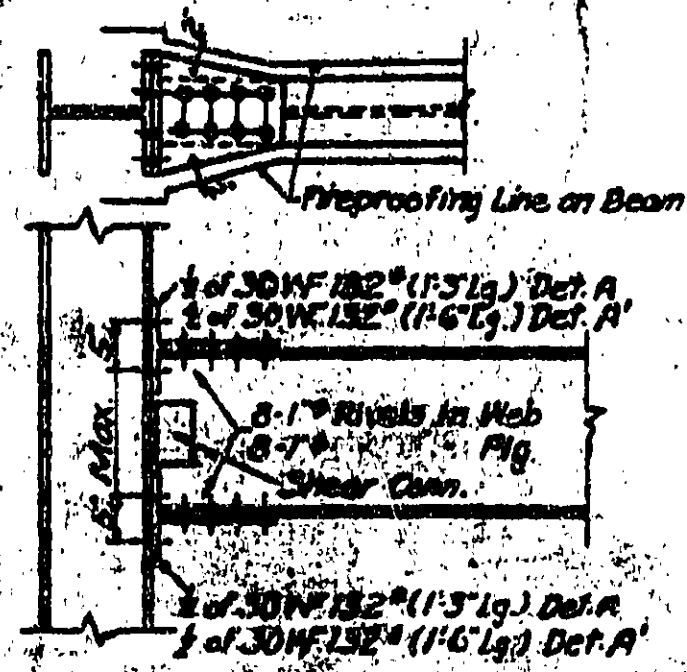


SEC. A-A
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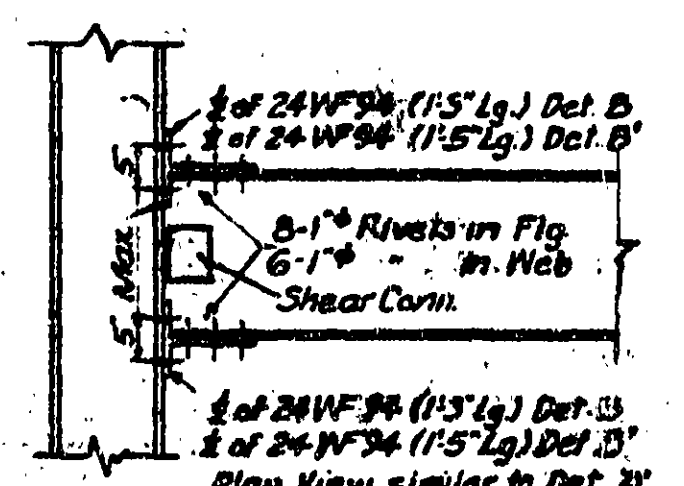


SEC. C-C
SCALE: 1/2"=1'-0"

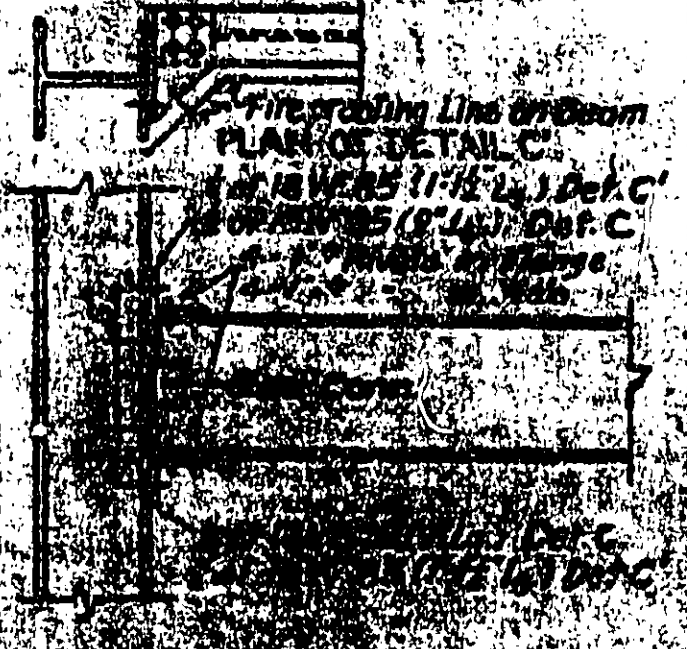
PENT HOUSE FLOOR PLAN
SCALE: 1/8"=1'-0"



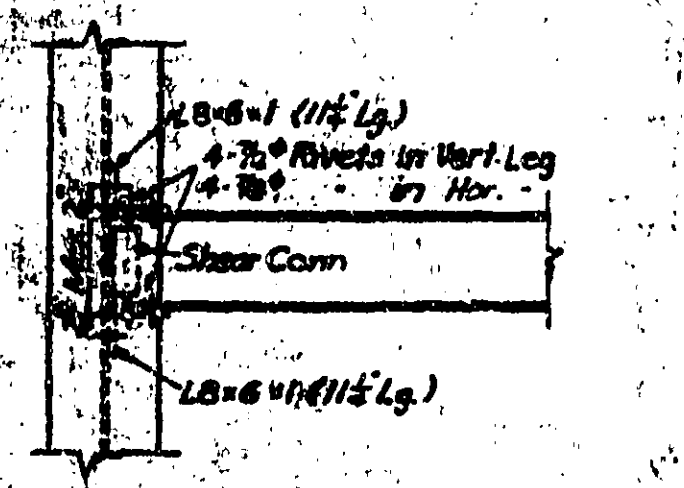
DETAIL-A
DETAIL-A



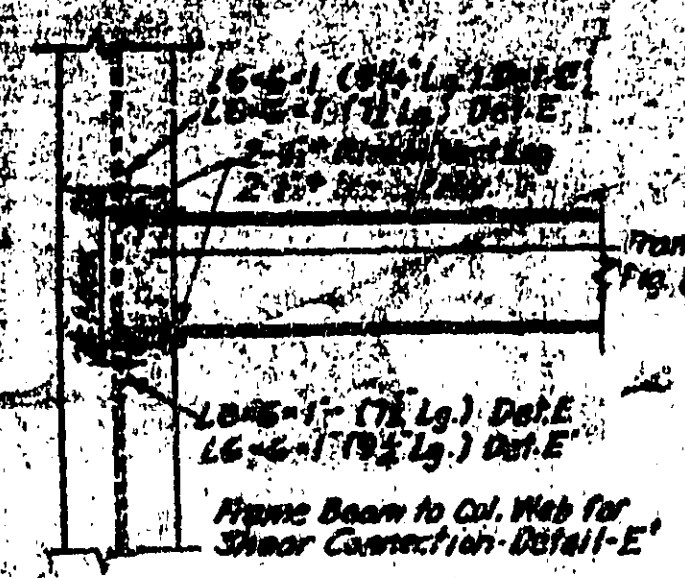
DETAIL-B
DETAIL-B



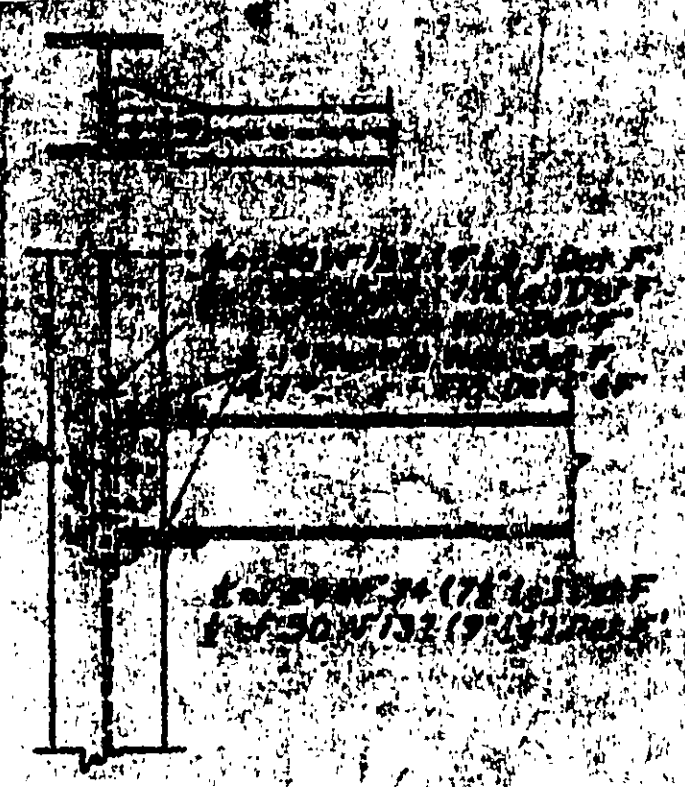
DETAIL-C
DETAIL-C



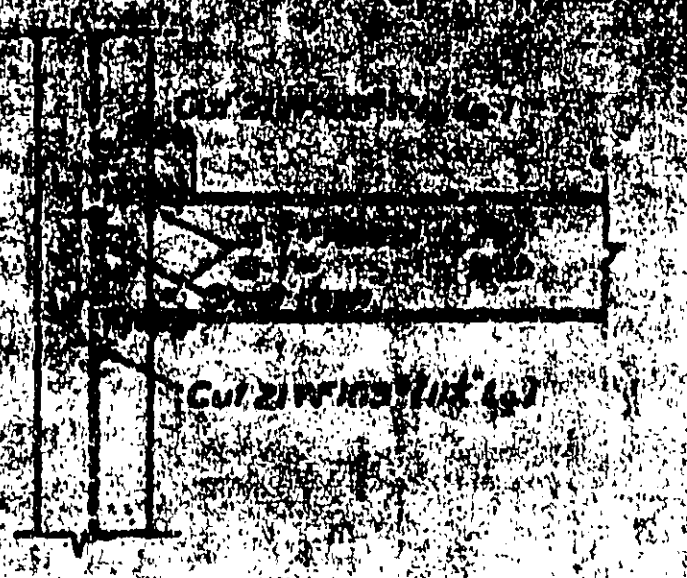
DETAIL-D



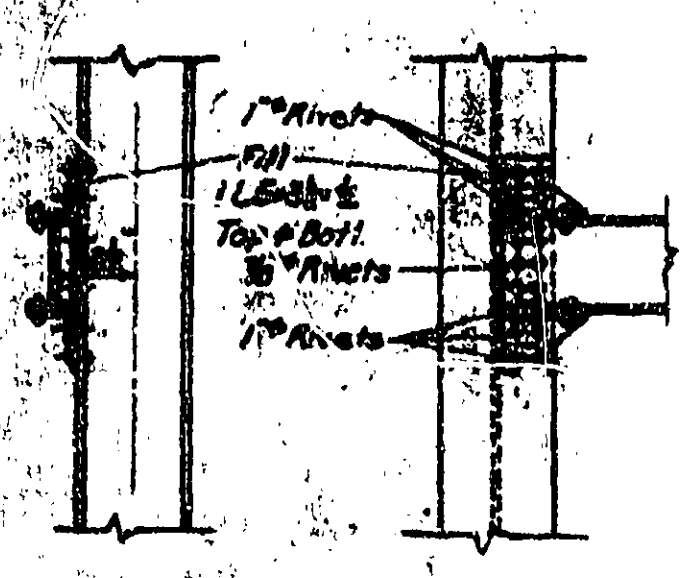
DETAIL-E
DETAIL-E



DETAIL-F
DETAIL-F



DETAIL-G



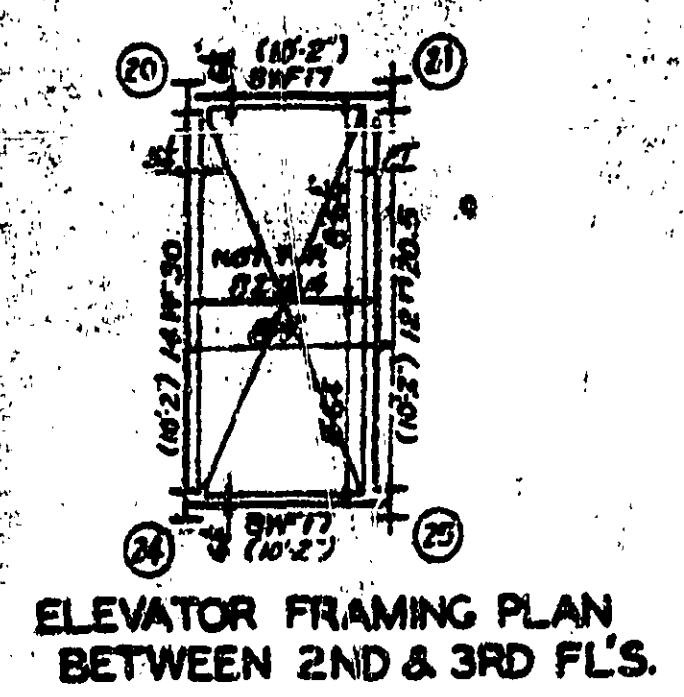
DETAIL-H

SCALE: 1/2"=1'-0"

SLAB SCHEDULE						
MARK	A	B	REINFORCEMENT		REMARKS	
			STRAIGHT	BENT		
			NO	SIZE		
S1	8	2 1/2	1	3/4"	1 3/4"	Splay both ends.
S2	8	2 1/2	1	3/4"	1 3/4"	Extend top bars 6'-0" into adjacent bays Splay both ends
S3	8	2 1/2	1	3/4"	1 3/4"	Splay both ends
S4	8	2 1/2	1	3/4"	1 3/4"	Top bars from S5 Splay S3 end
S5	6	2	1	3/4"	1 3/4"	Extend bent bars over support 6'-0" into S3 Both ends straight
S6	8	2 1/2	1	3/4"	Bottom	Splay S1 end
S7	6	2	1	3/4"	1 3/4"	Splay both ends
S8	8	2 1/2	1	3/4"	1 3/4"	do
S9	8	2 1/2	1	3/4"	1 3/4"	do
S10	8	2 1/2	1	3/4"	Bottom	Splay S3 end
S11	5 1/2	Solid Slab	1/2"	6 o.c.		All bars bent
S12	5	Solid Slab	1/2"	6 o.c.		do

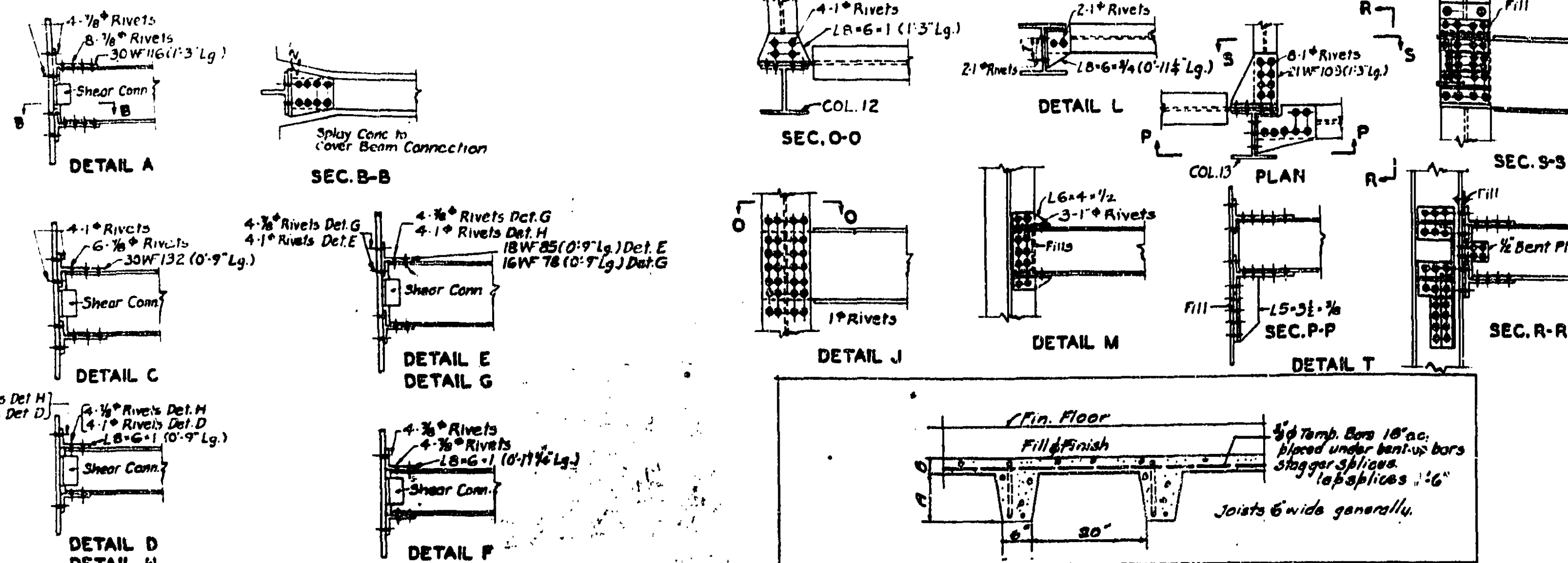
LINTEL SCHEDULE	
MARK	MATERIAL
L-1	1L-4x3 1/2 x 3/8 (4-V) + 1L-7x4 x 1/2 (4-V)
L-2	1L-6x6 1/2 Attached to steel spandrel beam
	2-12" x 3" 207-1.3 b.b. } Below 1-1/2 Plate on top of E } 1L-6x6 1/2 attached to E } 1L-4x3 1/2 x 3/8 (4-V), 1L-6x4 x 1/2 (4-V)
L-3	2L-6x4 x 1/2 (4-V) + 1L-6x6 x 1/2
L-4	2L-4 x 3 1/2 x 3/8 (4-V)
L-5	1L-4 x 3 1/2 x 3/8 (4-V)
	1L-7x4 x 1/2 (4-V)
L-6	3L-6x4 x 1/2 (4-V)

NOTES
 Figures shown thus () are distances to top of steel beam above Fin. 2nd Floor.
 For Lintel angles not noted on plan see structural steel notes on Dwg. S-390-D.
 For location of Lintel angles & channels see Arch. Dwg.
 Figures shown thus () are distances to top of steel channel above Fin. 3rd Floor.
 See Dwg. #409 for reference to Standard Details.
 Notations thus A, B, etc. on plan refer to details of wind bracing which are shown on this drawing.
 For Shear connections See Detail S-25 Dwg. S-390-D.
 For detail thru Elevator See Sec. M-M, Dwg. #405.
 Figures shown thus () are distances from Fin. 2nd Fl. to top of roof slab. Top of Structural Slab is 5' below Fin. 3rd Floor.



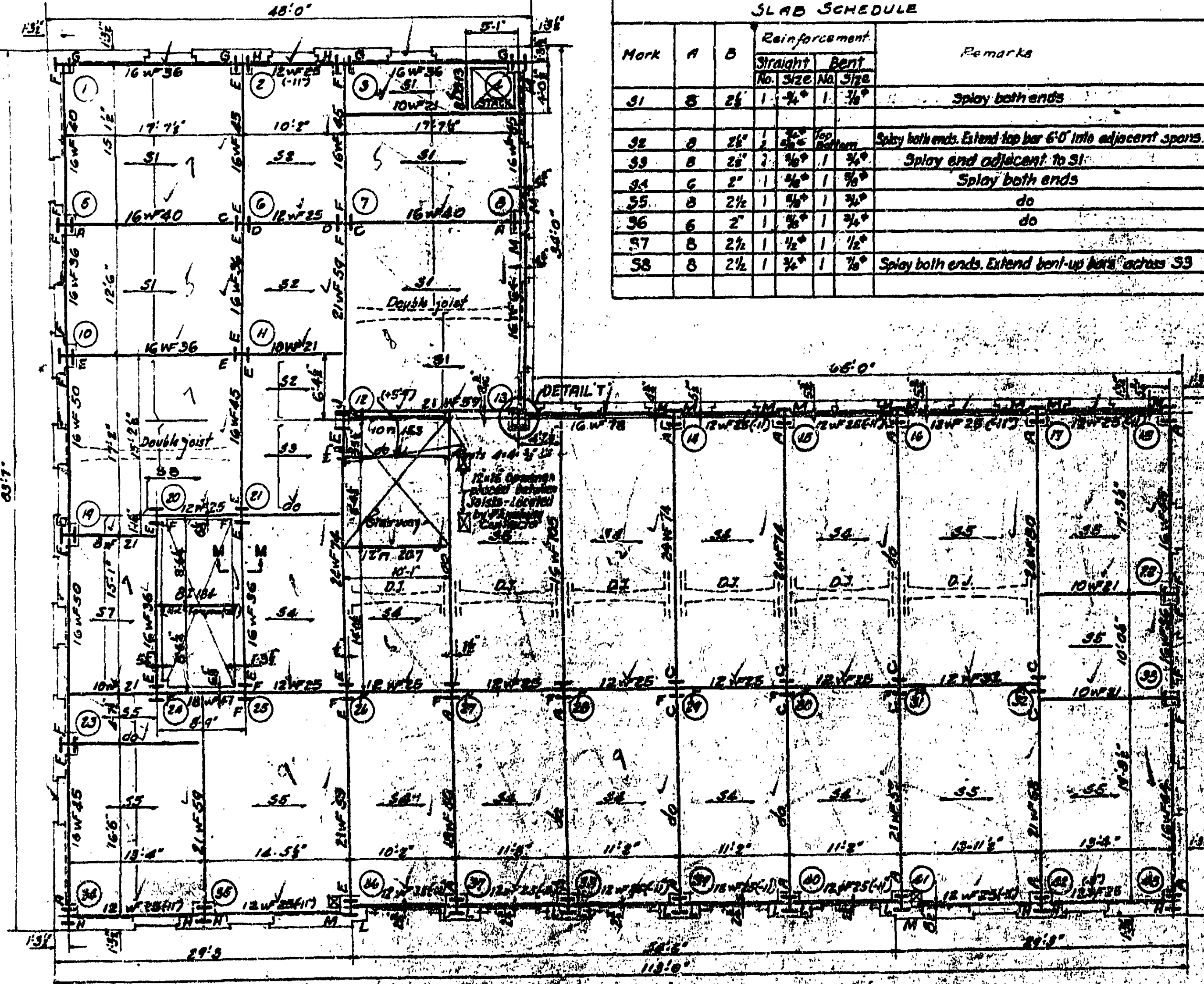
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 HOUSTON, TEXAS
 No. 403



SLAB SCHEDULE

Mark	A	B	Reinforcement		Remarks
			Straight No. Size (No. Sigs)	Bent No. Size (No. Sigs)	
S1	8	2 1/2	1 3/4"	1 3/4"	Splay both ends
S2	8	2 1/2	1 3/4"	1 3/4"	Splay both ends. Extend top bar 6'-0" into adjacent spans.
S3	8	2 1/2	1 3/4"	1 3/4"	Splay end adjacent to S1.
S4	6	2 1/2	1 3/4"	1 3/4"	Splay both ends
S5	8	2 1/2	1 3/4"	1 3/4"	do
S6	6	2 1/2	1 3/4"	1 3/4"	do
S7	8	2 1/2	1 3/4"	1 3/4"	do
S8	8	2 1/2	1 3/4"	1 3/4"	Splay both ends. Extend bent-up bars across S3.



NOTES

For dimensions not shown see Architectural Drawings.

For Section thru Special Beams see Dwg. #405.

Top of all structural members to be 7" below Finished Floor Elev. unless otherwise noted.

4-1/2" x 2" Star Struts shall be provided to shear beams above and below.

Joints shall be clear pipe and duct openings. See also detail on Dwg. #405.

1-5" dimensions for slab B's from finished floor below to top of B.

For Shear Connections See Detail 5.25 Dwg. 3-370-D

All main reinforcement and joists are to run parallel to arrows shown in plan.

Figures shown in () are distances from finished floor to top of beams.

Center to center joints under partitions and girders.

For detail thru Elevator See Dwg. #405 Sec. M-M.

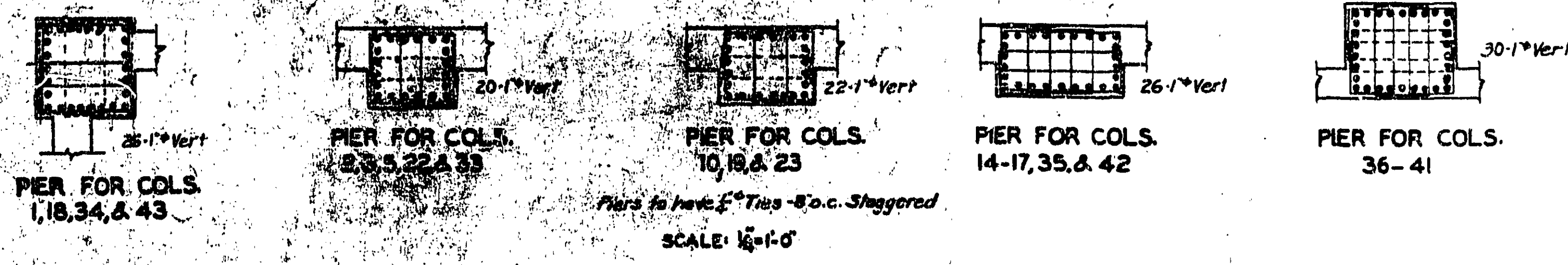
Fireproofing on Deck between Cols. 12 & 13 of Stair Hall shall be flush to fire wall. See Section V.V. Dwg. #05.

Top of Structural Slab is 5" below Fin. 4th Floor.

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LOUIS A. SIMON, SUPERVISING ARCHITECT
NEAL A. MELICK, SUPERVISING ENGINEER

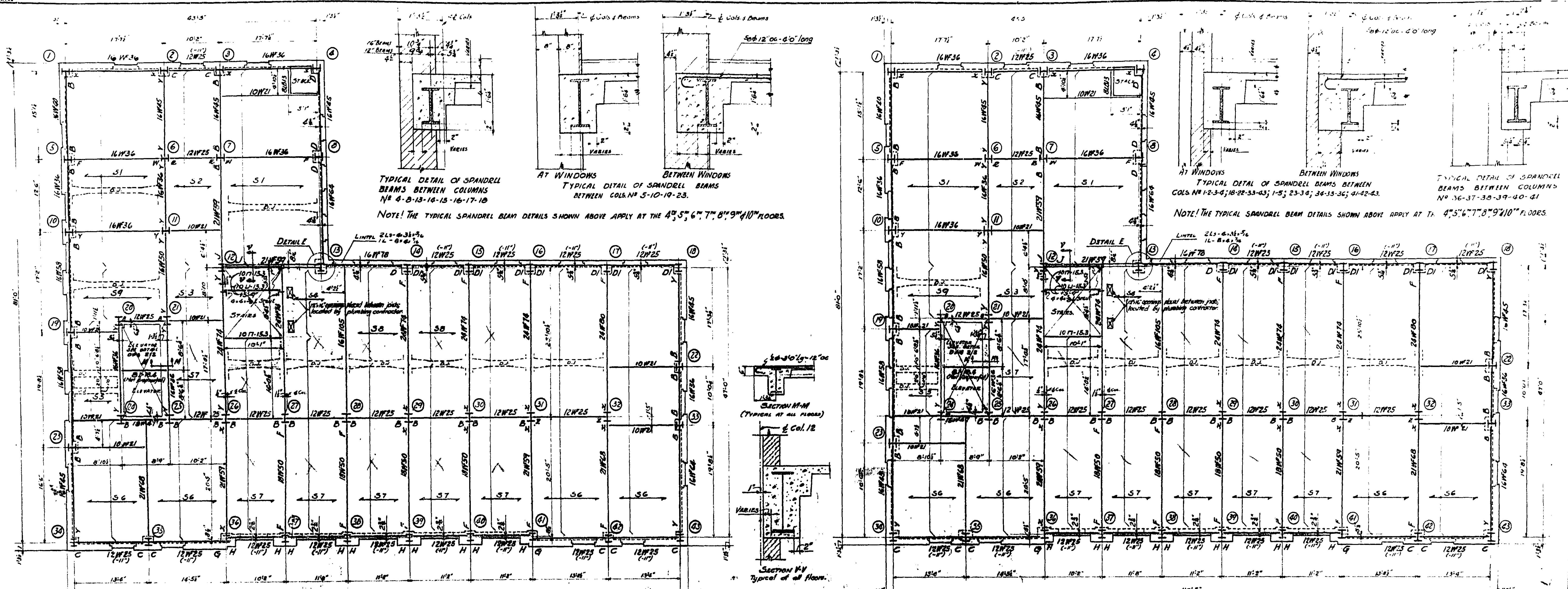
APPROVED
N. S. BRADSHAW, CHIEF OF ARCHITECTURE
T. C. BROOKS, CHIEF OF ENGINEERING



COLUMN SCHEDULE

FLOOR	COLUMN NUMBERS																																																			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43									
MAIN ROOF																																																				
CEILING	8WF31	8WF31	8WF31	8WF31	8WF31	12WF25	12WF25	12WF25	12WF25	12WF25	12WF25	12WF25	12WF25	12WF25	12WF25	12WF25	12WF25	12WF25	12WF25	12WF25	12WF25	12WF25	12WF25	12WF25	12WF25	12WF25	12WF25	12WF25	12WF25	12WF25	12WF25	12WF25	12WF25	12WF25	12WF25	12WF25	12WF25	12WF25	12WF25	12WF25	12WF25	12WF25	12WF25	12WF25	12WF25							
10 th FLOOR	Splice 7																																																			
9 th FLOOR	14WF78	14WF61	14WF61	14WF78	14WF48	14WF68	14WF84	14WF61	14WF53	14WF78	14WF87	14WF127	14WF127	14WF84	14WF61	14WF68	14WF74	14WF74	14WF53	14WF43	14WF43	14WF68	14WF53	14WF48	14WF48	14WF74	14WF68	14WF74	14WF61	14WF61	14WF78	14WF78	14WF68	14WF78	14WF78	14WF61	14WF61	14WF53	14WF53	14WF53	14WF53	14WF53	14WF53	14WF53	14WF53							
8 th FLOOR	Splice 7																																																			
7 th FLOOR	14WF103	14WF84	14WF84	14WF103	14WF68	14WF87	14WF111	14WF111	14WF87	14WF95	14WF103	14WF78	14WF78	14WF78	14WF48	14WF61	14WF61	14WF103	14WF25	14WF87	14WF87	14WF87	14WF103	14WF111	14WF78	14WF78	14WF78	14WF78	14WF78	14WF78	14WF78	14WF78	14WF78	14WF78	14WF78	14WF78	14WF78	14WF78	14WF78	14WF78	14WF78	14WF78	14WF78	14WF78	14WF78	14WF78	14WF78					
6 th FLOOR	Splice 7																																																			
5 th FLOOR	14WF119	14WF111	14WF111	14WF119	14WF95	14WF119	14WF142	14WF119	14WF119	14WF103	14WF142	14WF211	14WF211	14WF136	14WF111	14WF119	14WF119	14WF103	14WF103	14WF58	14WF84	14WF103	14WF103	14WF74	14WF74	14WF127	14WF111	14WF111	14WF111	14WF111	14WF119	14WF119	14WF119	14WF119	14WF119	14WF119	14WF119	14WF119	14WF119	14WF119	14WF119	14WF119	14WF119	14WF119	14WF119	14WF119	14WF119	14WF119				
4 th FLOOR	Splice 7																																																			
3 rd FLOOR	14WF176	14WF150	14WF150	14WF176	14WF119	14WF150	14WF184	14WF150	14WF150	14WF136	14WF176	14WF176	14WF176	14WF158	14WF136	14WF87	14WF87	14WF158	14WF136	14WF87	14WF103	14WF119	14WF136	14WF136	14WF87	14WF87	14WF158	14WF142	14WF136	14WF136	14WF158	14WF119	14WF119	14WF119	14WF119	14WF119	14WF119	14WF119	14WF119	14WF119	14WF119	14WF119	14WF119	14WF119	14WF119	14WF119	14WF119	14WF119				
2 nd FLOOR	Splice 7																																																			
1 st FLOOR	14WF184	14WF158	14WF158	14WF184	14WF150	14WF184	14WF228	14WF150	14WF150	14WF136	14WF167	14WF167	14WF167	14WF158	14WF136	14WF87	14WF87	14WF158	14WF136	14WF87	14WF103	14WF119	14WF136	14WF136	14WF87	14WF87	14WF158	14WF142	14WF136	14WF136	14WF158	14WF119	14WF119	14WF119	14WF119	14WF119	14WF119	14WF119	14WF119	14WF119	14WF119	14WF119	14WF119	14WF119	14WF119	14WF119	14WF119	14WF119				
MEZZ FLOOR	14WF184	14WF158	14WF158	14WF184	14WF150	14WF184	14WF228	14WF150	14WF150	14WF136	14WF167	14WF167	14WF167	14WF158	14WF136	14WF87	14WF87	14WF158	14WF136	14WF87	14WF103	14WF119	14WF136	14WF136	14WF87	14WF87	14WF158	14WF142	14WF136	14WF136	14WF158	14WF119	14WF119	14WF119	14WF119	14WF119	14WF119	14WF119	14WF119	14WF119	14WF119	14WF119	14WF119	14WF119	14WF119	14WF119	14WF119	14WF119				
Coll. of Base Pl.																																																				
PRESENT PL.																																																				
MAIN ROOF																																																				
Coll. of Base Pl.																																																				
BASE PLATE	14x14	14x14	14x14	14x14	14x14	14x14	14x14	14x14	14x14	14x14	14x14	14x14	14x14	14x14	14x14	14x14	14x14	14x14	14x14	14x14	14x14	14x14	14x14	14x14	14x14	14x14	14x14	14x14	14x14	14x14	14x14	14x14	14x14	14x14	14x14	14x14	14x14	14x14	14x14	14x14	14x14	14x14	14x14	14x14	14x14	14x14	14x14	14x14	14x14			

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CITY HOUSTON TEXAS
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CHECKED BY P.L.C./J.W.E. DATE
DRAWING No. 404



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

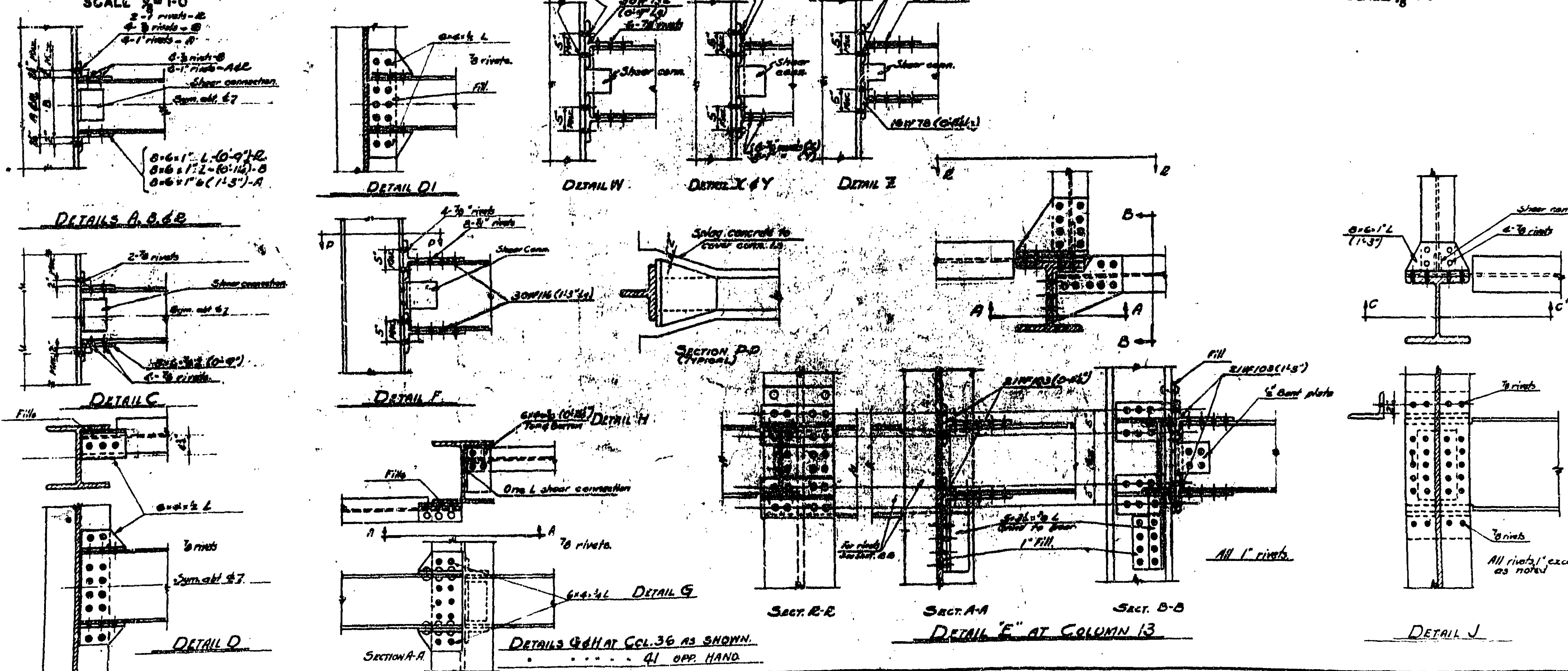
SIXTH FLOOR FRAMING PLAN
 SCALE 1/8" = 1'-0"

FIFTH & SIXTH FLOOR SLAB SCHEDULE

3/8" temperature bars 18" oc placed under bar top joint bars. Stagger splices and lap a min. of 1'-6".

JOISTS IN GENERAL ARE 6" WIDE 26" OC

NR	A	B	ELEVATION		REMARKS
			SPACER NO. SIZE	DEPT. NO. SIZE	
51	8	21	1/2"	1/2"	Splay both ends
52	8	21	1/2"	1/2"	Splay both ends. Extend top bars 2'-0" into adjacent spans.
53	8	21	1/2"	1/2"	Splay and adjacent to S1
54	6	2	1/2"	1/2"	Splay both ends
55	8	2	1/2"	1/2"	Splay both ends
56	8	21	1/2"	1/2"	Splay both ends
57	6	2	1/2"	1/2"	Splay both ends
58	6	2	1/2"	1/2"	Splay both ends
59	8	21	1/2"	1/2"	Splay both ends. Extend overlap bars across S3



GENERAL NOTES

- Letters A, B, C, etc. noted on plans near cols. indicate used bracing details.
- For shear connections see Detail D, Dwg. 3390-D.
- See Dwg. 409 for Misc. DETAILS required.
- Top of steel beams are 7" from finished floor unless otherwise shown.
- 4x4x1/2 studs of stair framing are attached to floor beam above and floor beam below.
- 4x4x1/2 dimension for stair B is from finished floor below to top of L.
- Space joints to clean pipe and duct openings. (See also detail Dwg. 406)
- Top of Structural Slab is 5" below Fin 5th & 6th Floors.

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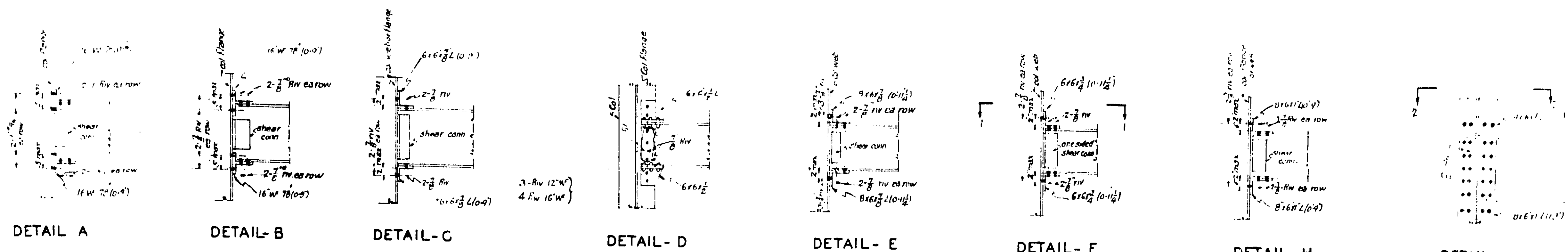
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 J. ENGINEER

APPROVED
 THOMPSON
 T. C. FRANKS

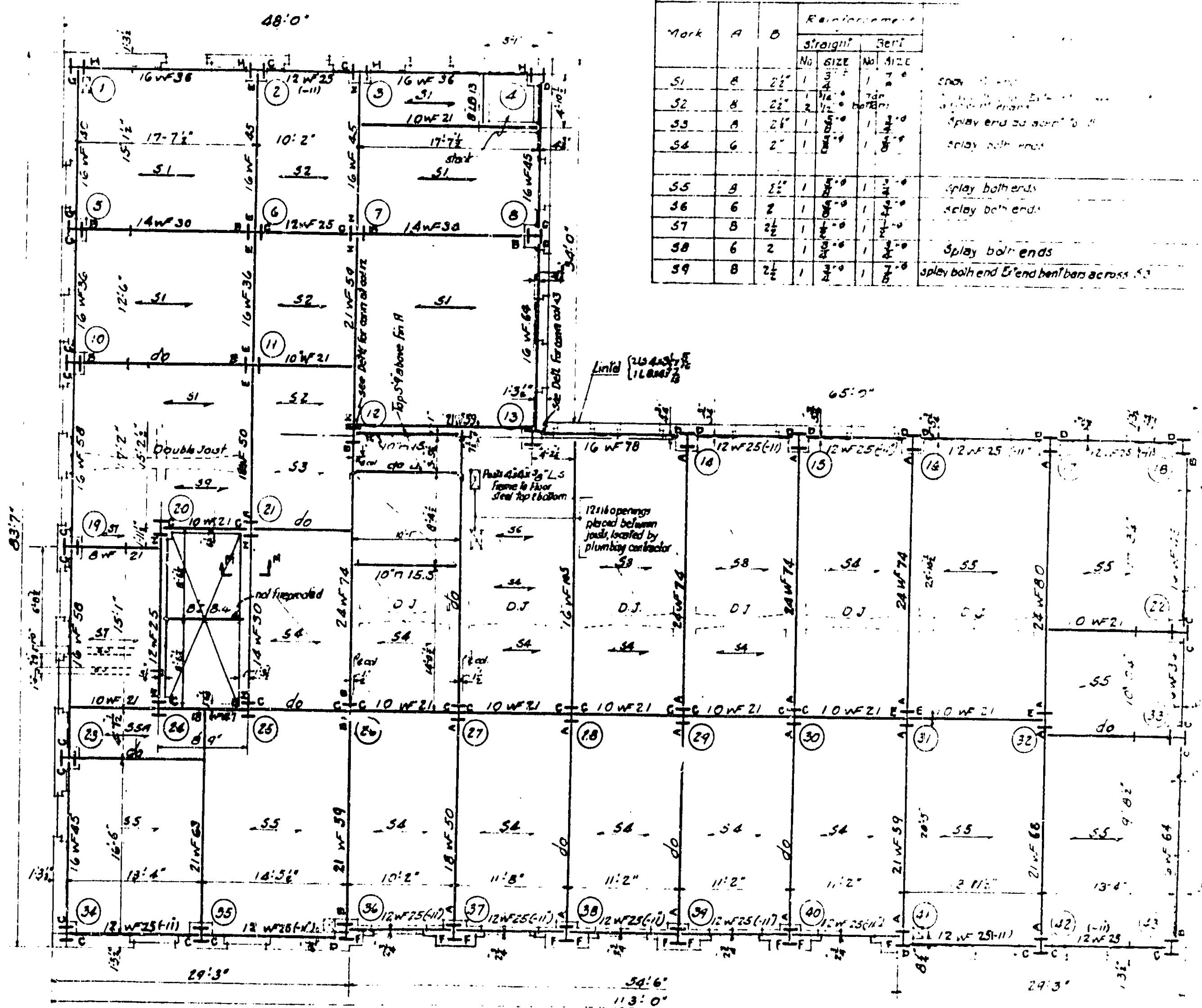
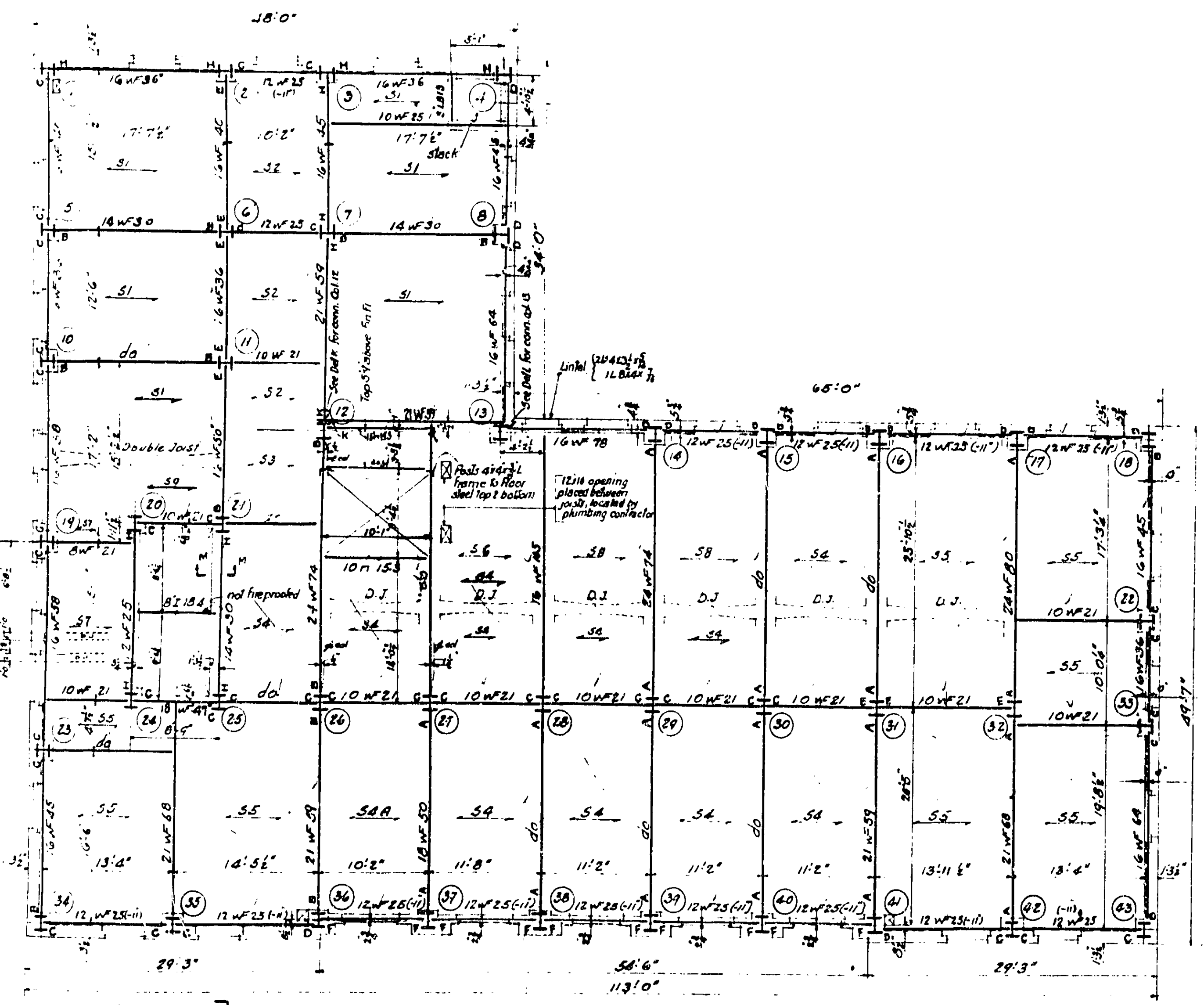
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 CHECKED BY: *PLB* DATE: _____

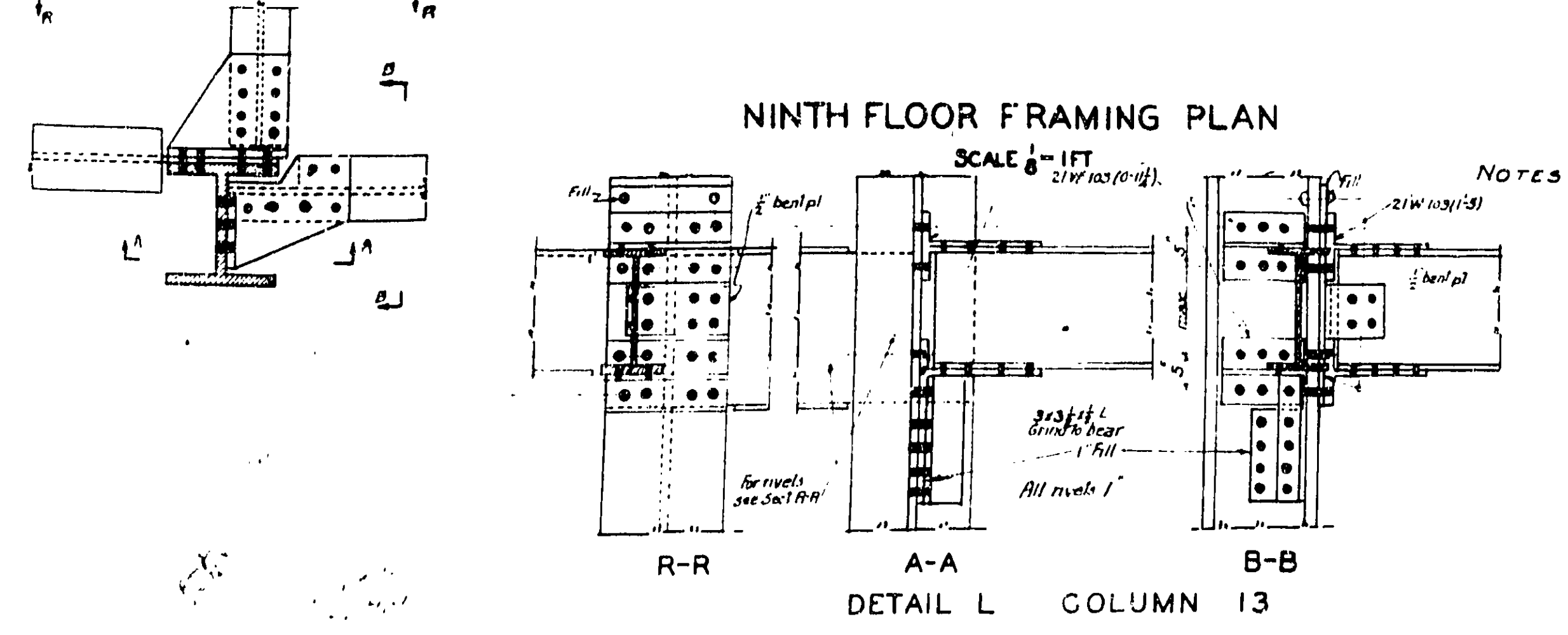
DRAWING **No. 405**



PLAN 1-1



Mark	A	B	Reinforcement	Notes
S1	2"	1"	1#4	
S2	2"	1"	1#4	
S3	2"	1"	1#4	
S4	2"	1"	1#4	
S5	2"	1"	1#4	Play both ends
S6	2"	1"	1#4	Play both ends
S7	2"	1"	1#4	Play both ends
S8	2"	1"	1#4	Play both ends
S9	2"	1"	1#4	Play both ends & end bent bars across



NOTES

For dimensions not shown see Architectural Drawings

Top of all structural members to be 7" below Finished Floor Elev. unless otherwise noted.

For location of all floor slab openings see Architectural Drawings.

Space joists to clear duct openings.

Figures shown that 1" indicate distance at top of slab below finish floor line.

Letters on plan near cols. refer to connection details shown on this Dwg.

All main reinforcement and joists are to run parallel to arrows shown in plan.

Center double joists under partitions above.

For section thru spandrel beams see Dwg. 405.

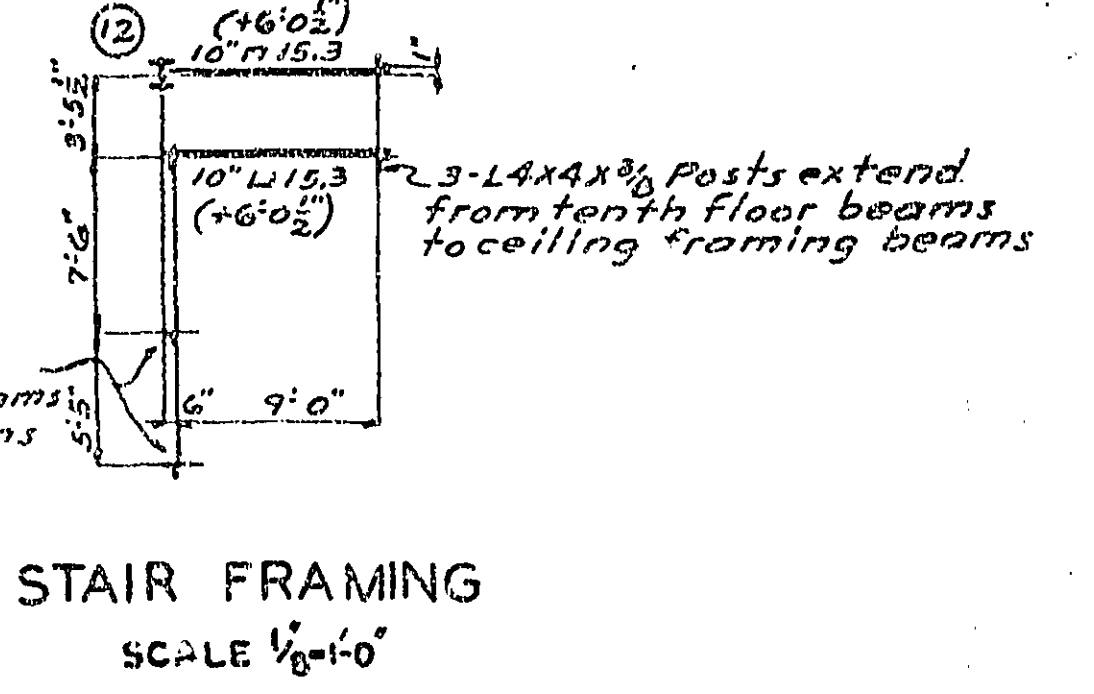
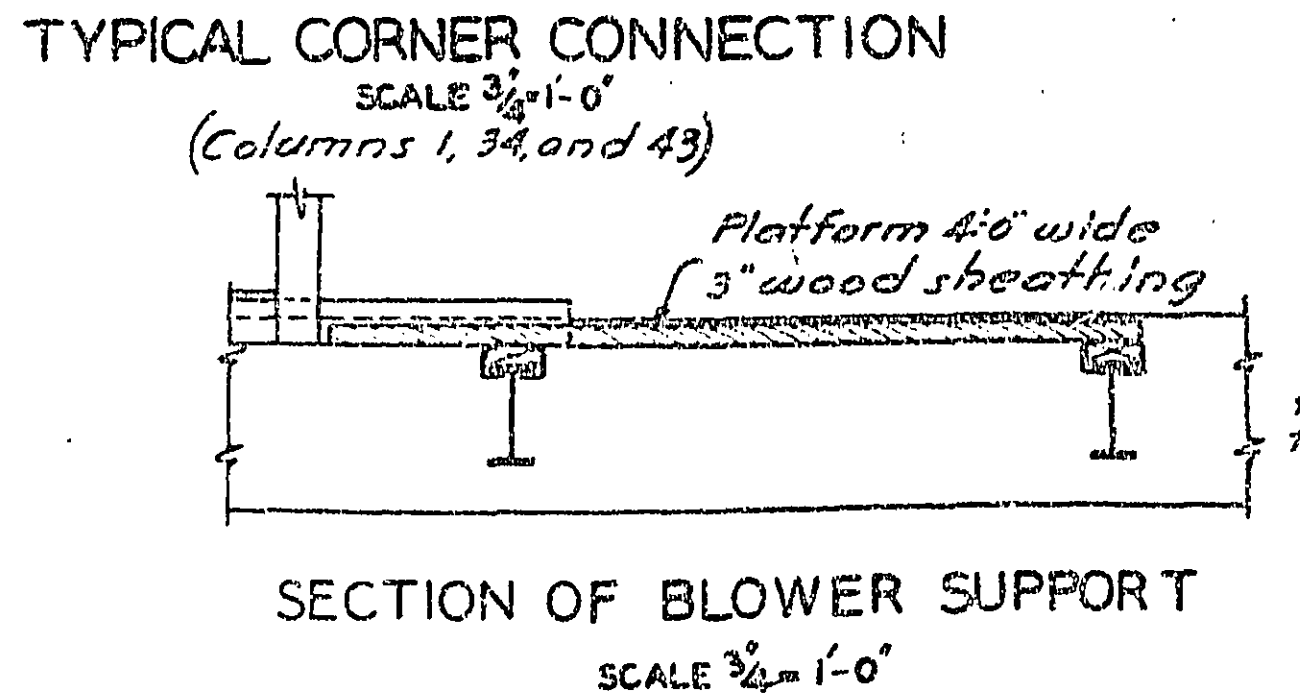
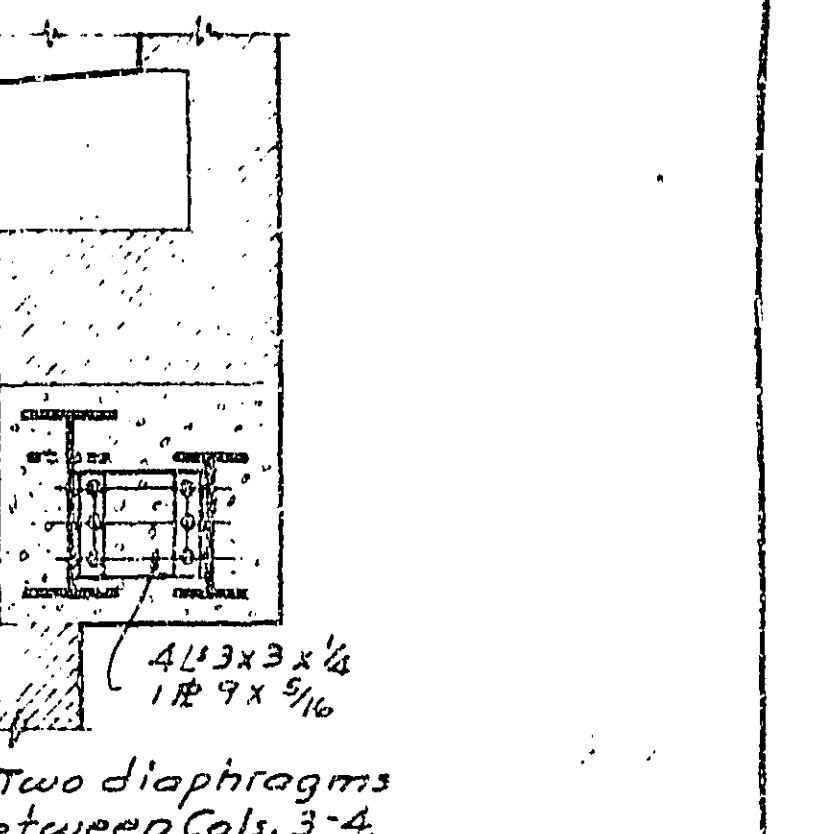
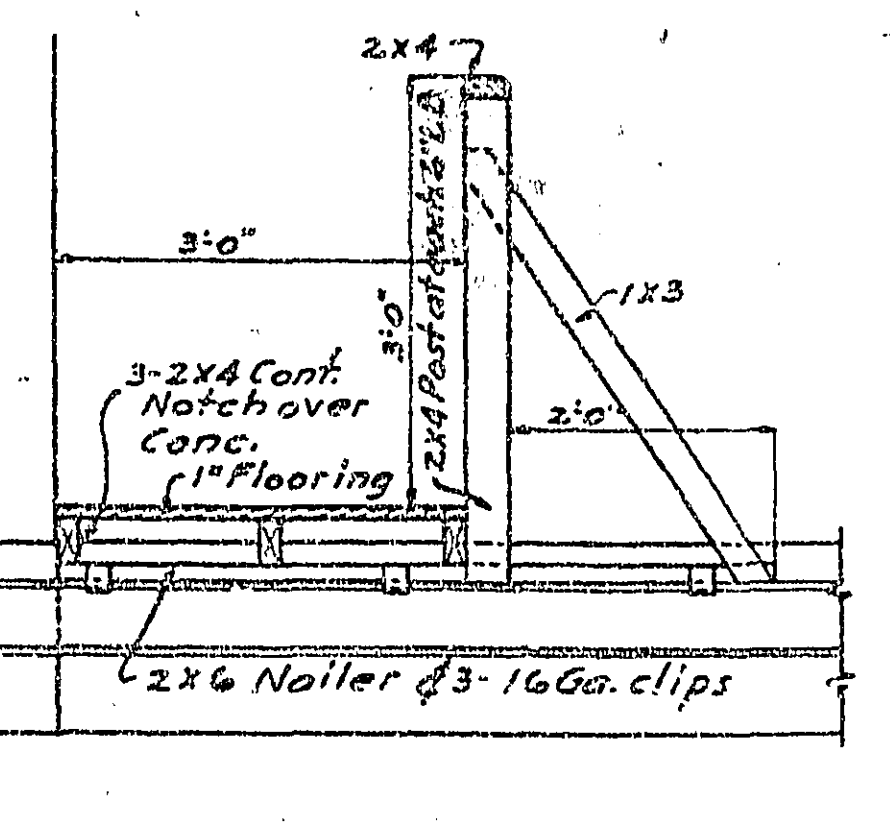
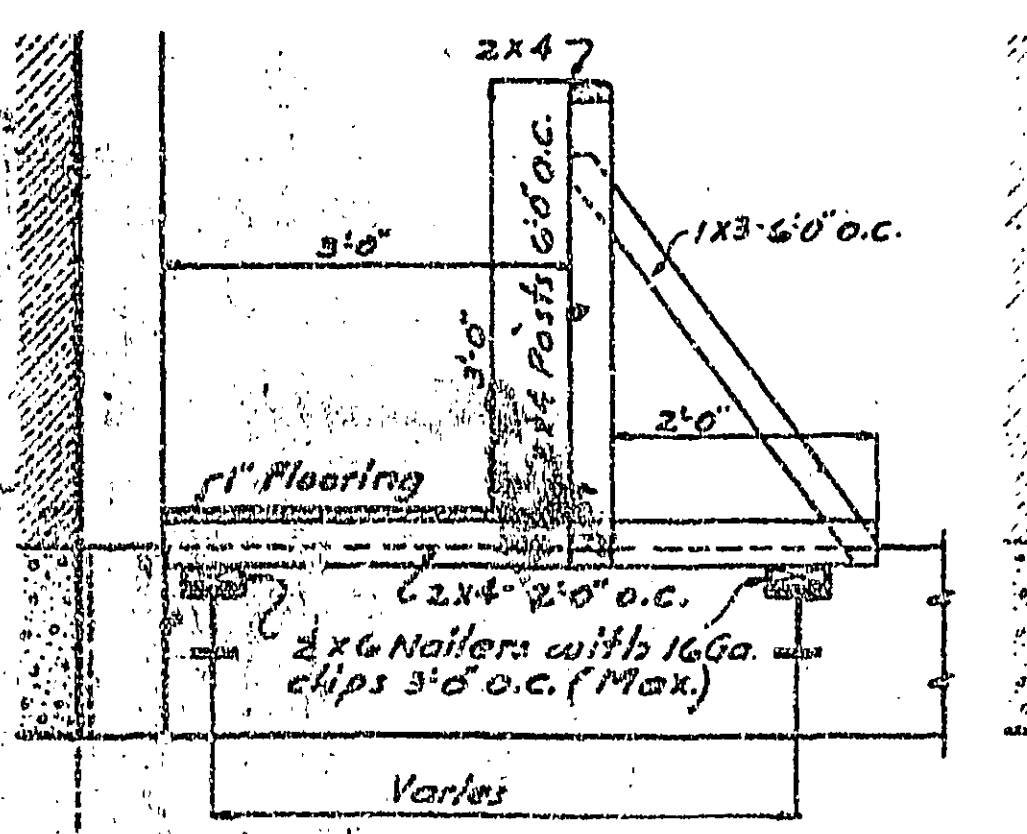
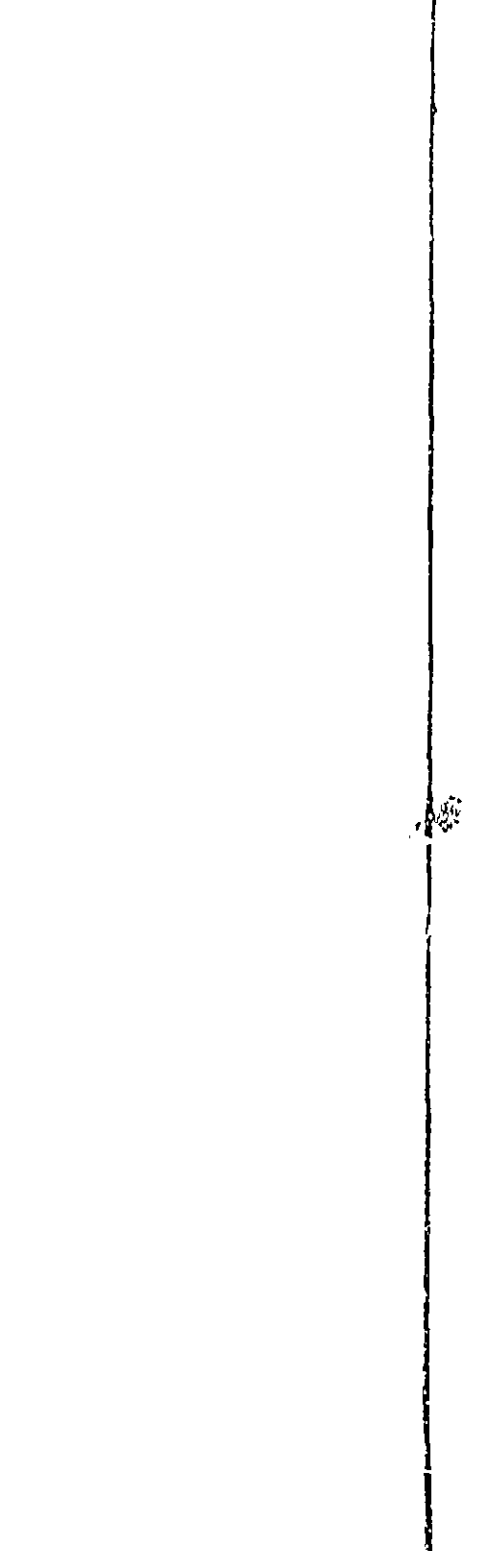
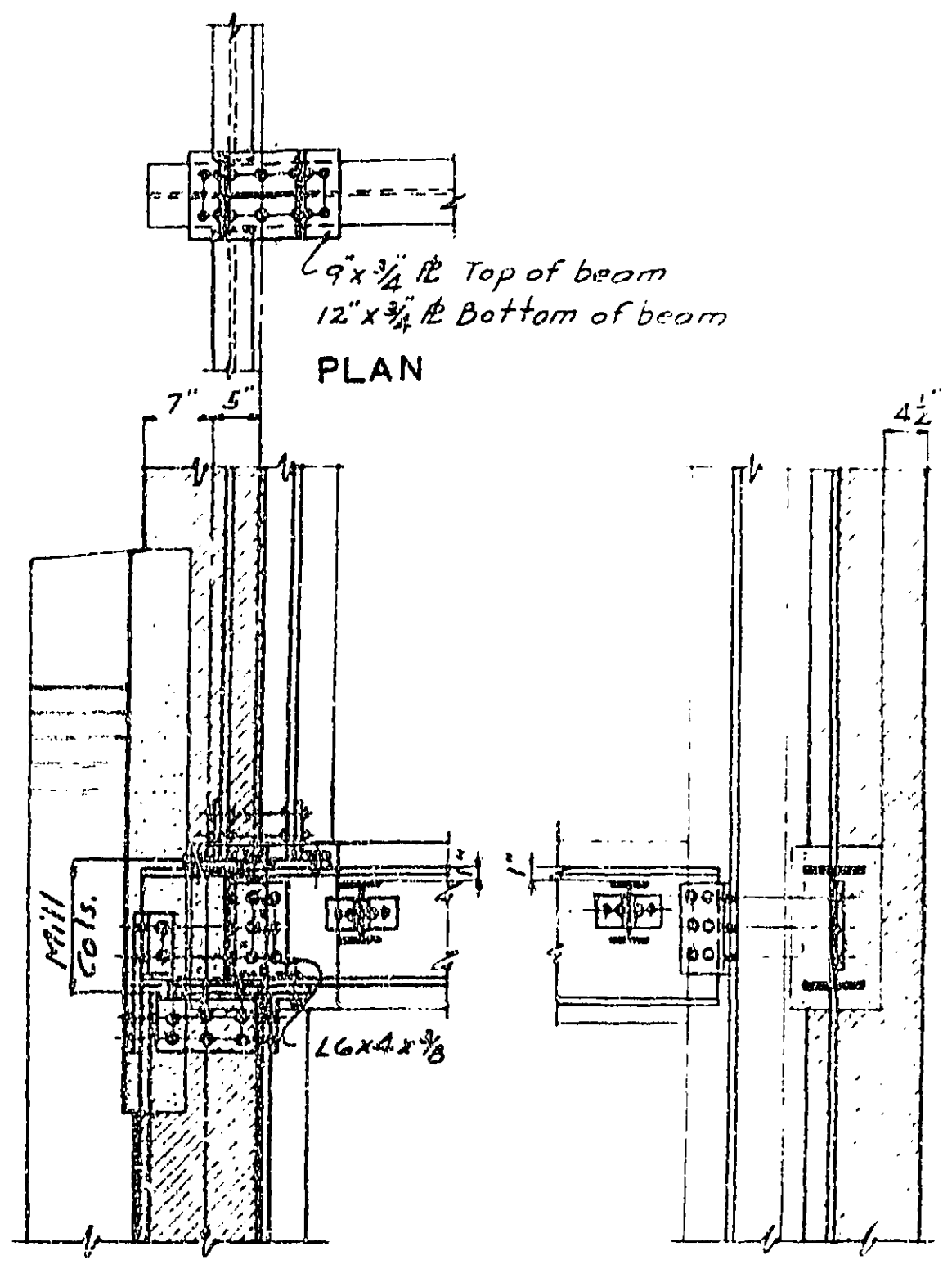
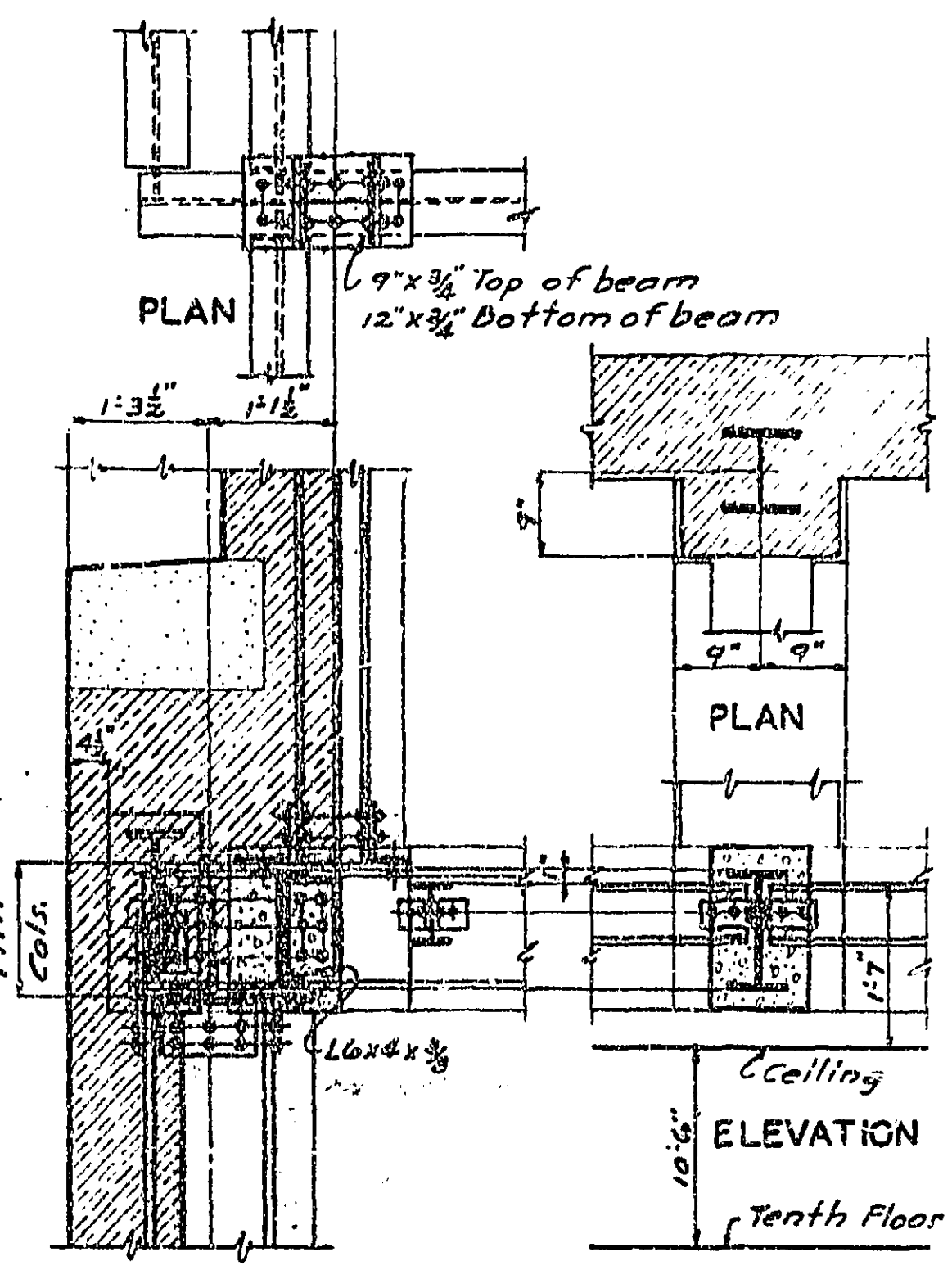
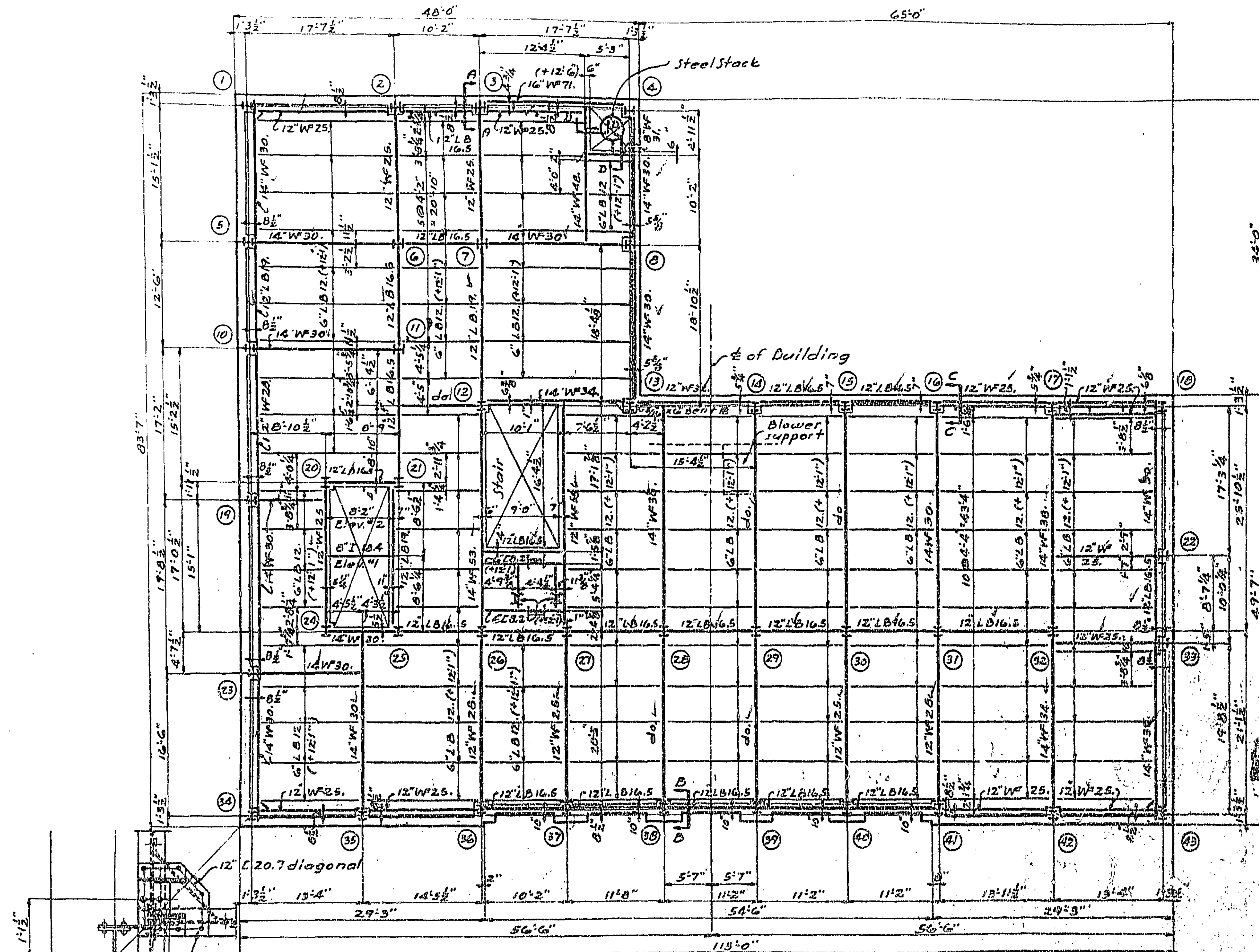
For shear connection see Det. S-25 Dwg. 3-390-D

For section thru pipe space see Dwg. 406.

For detail all other opening see Sect. P-11 Dwg. 405.

Fireproofing on beams between cols. 12-13 in stair hall shall be flush with tile wall. See Sect. V-V Dwg. 405.

Top of Structural Slabs 5" below Fin 9" x 10" FFs.

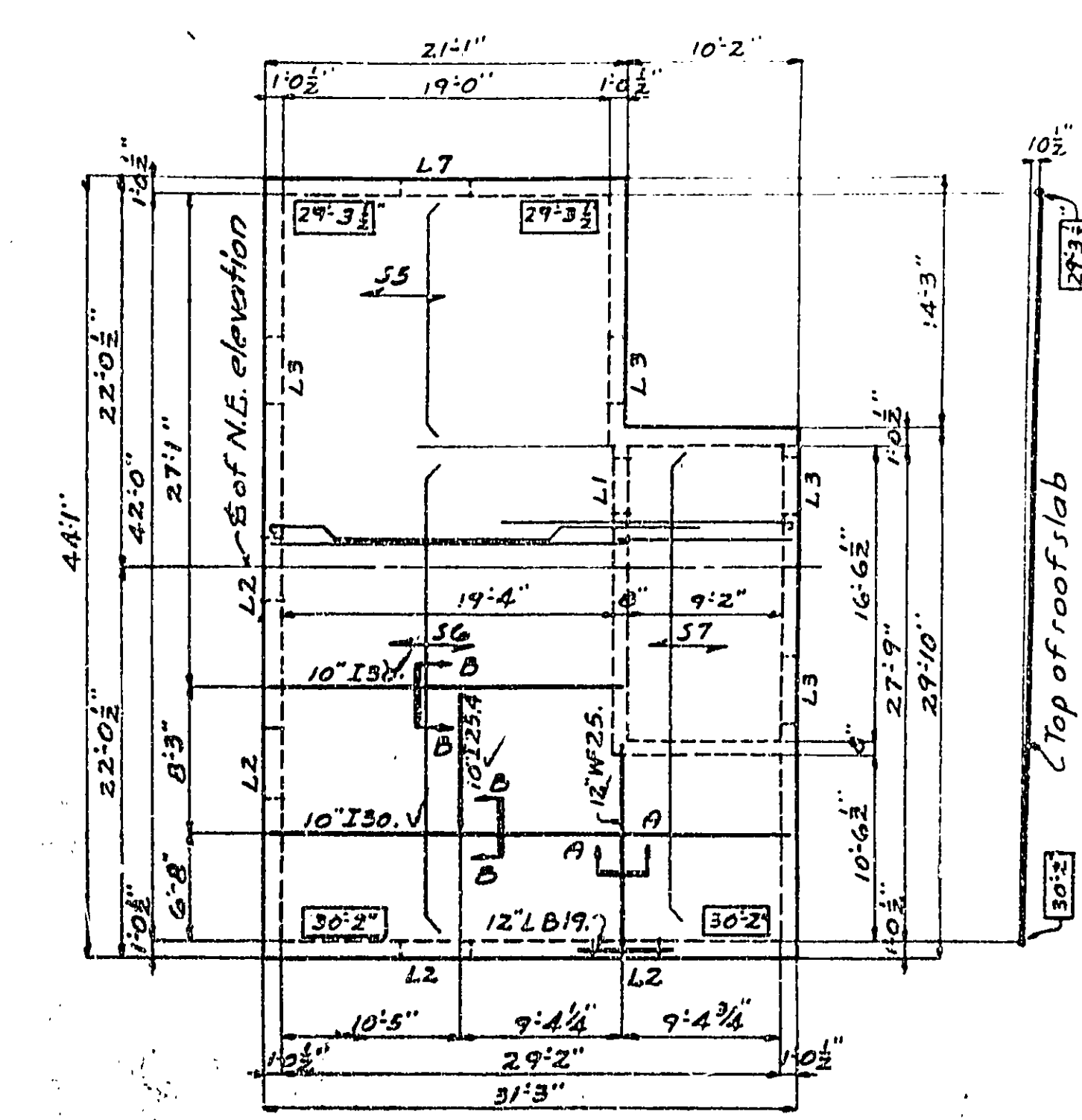
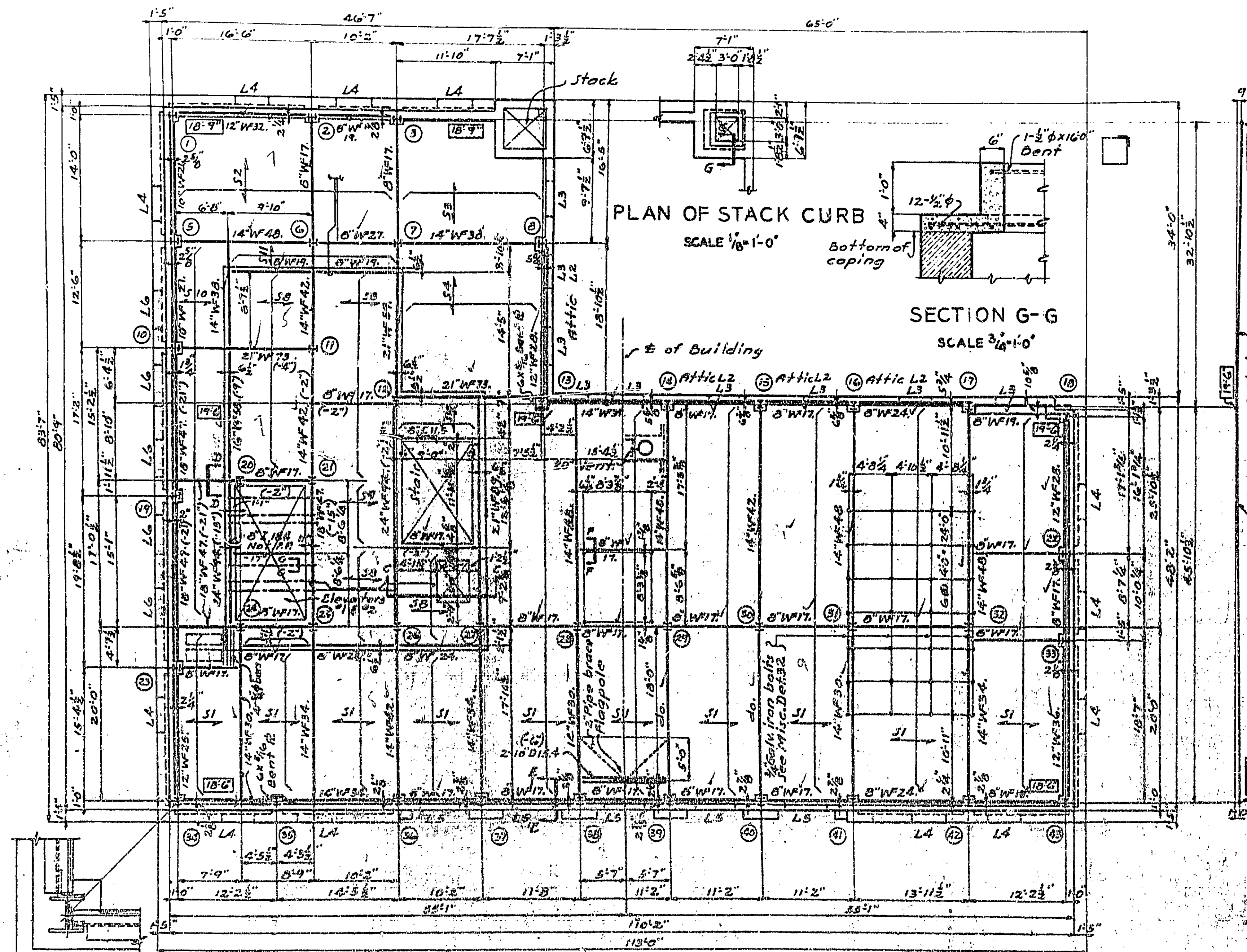


NOTE

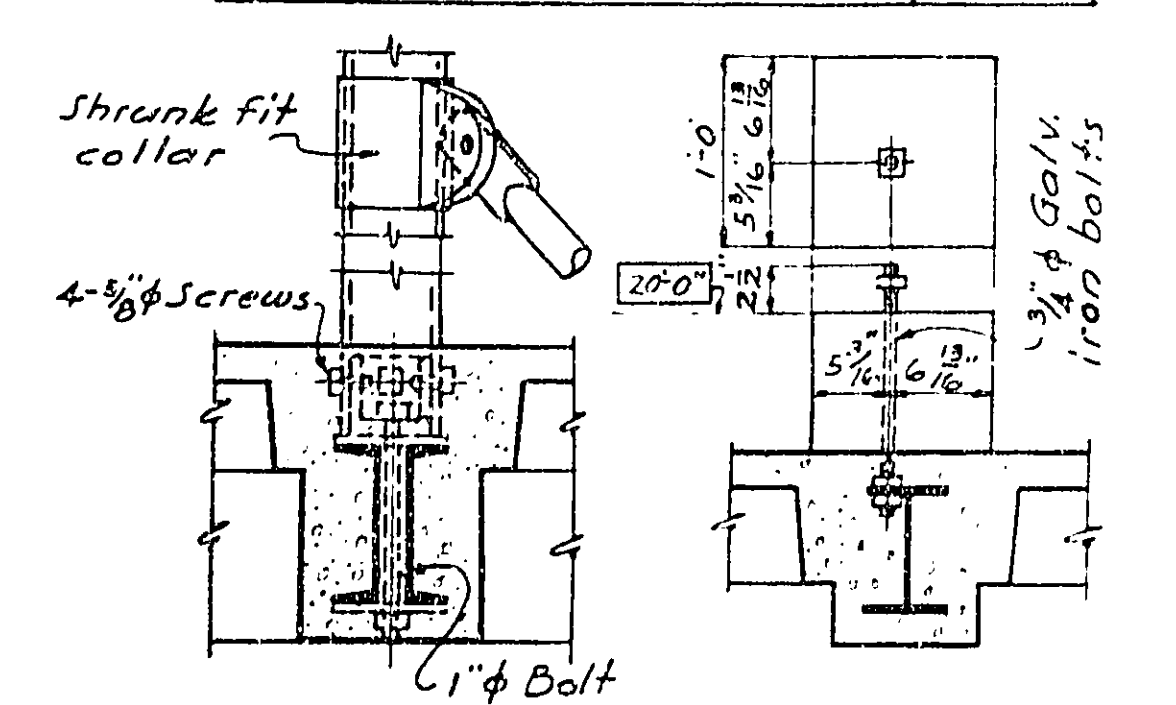
1. The top of all ceiling framing steel shall be 12'-2" above tenth floor line unless otherwise noted thus (+0'-0")
2. The ceiling framing shall all be fireproofed with concrete except 6"LB12, 6"DB2 and 8"IB4
3. The location and extent of attic walkways is shown on architectural drawing No. 8

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C.E. Paulsen
P.L.C.
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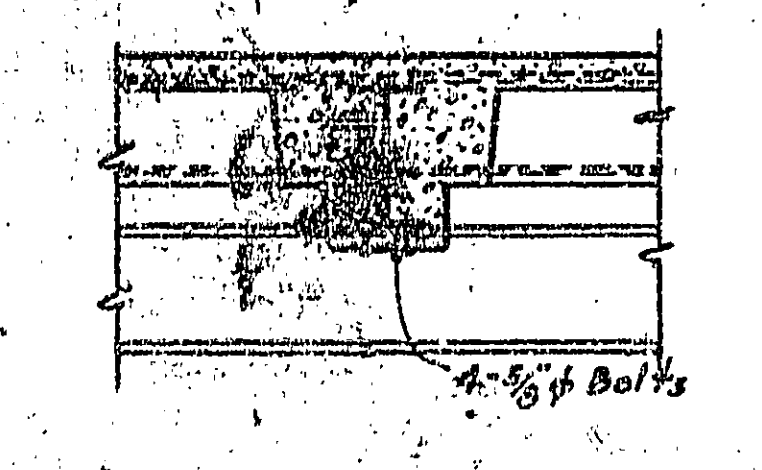


LINTEL SCHEDULE		
Mark	Material	Section
L1	2L 4x3 1/2 x 5/16	JL
L2	3L 4x3 1/2 x 5/16	JLL
L3	2L 4x3 1/2 x 5/16	JLL
L4	1L 6x4 x 3/8	JL
L5	1L 5x5 x 3/8	JL
L6	1L 7x4 x 3/8	JL
L7	1L 4x3 1/2 x 5/16	J

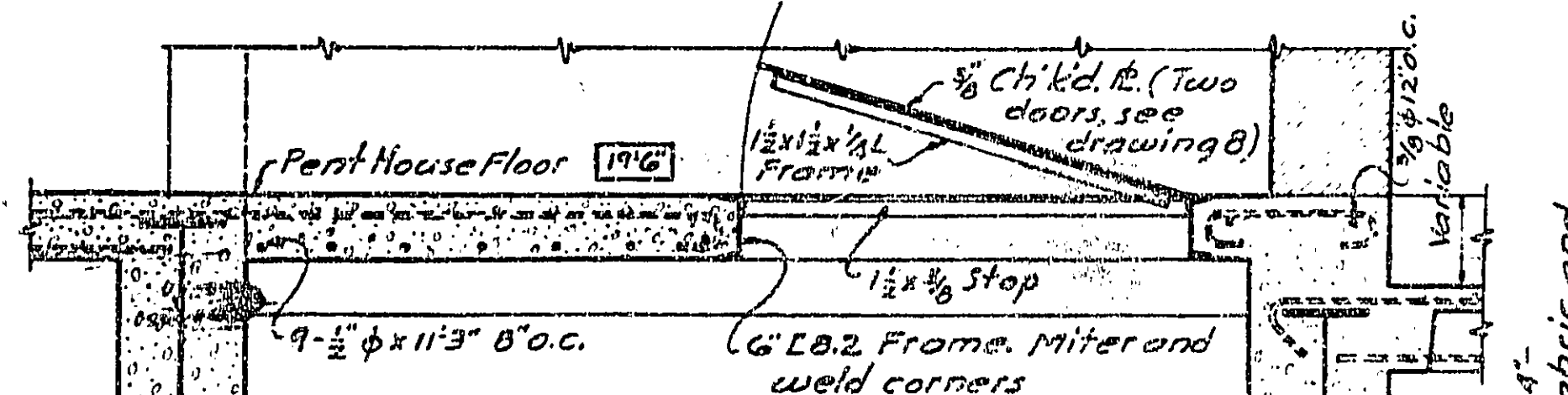


PENT HOUSE ROOF FRAMING
SCALE 1/8"=1'-0"

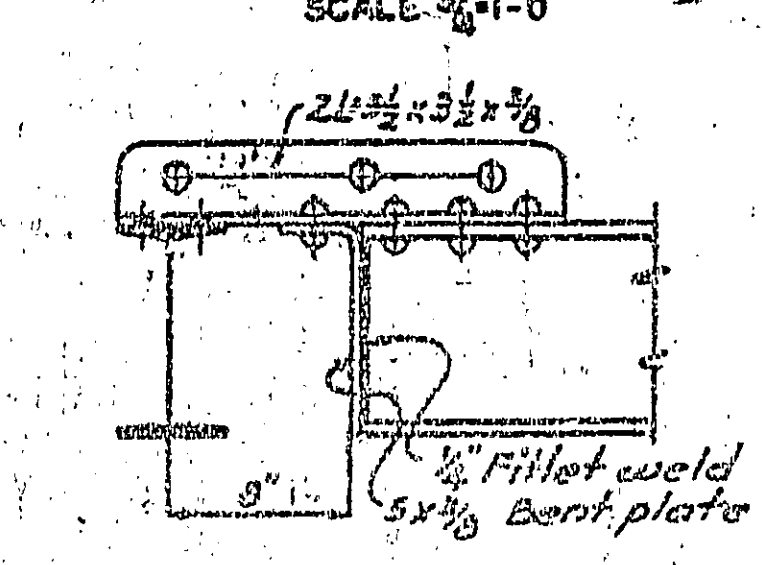
FLAGPOLE BASE SECTION F-F
SCALE 1"=1'-0"



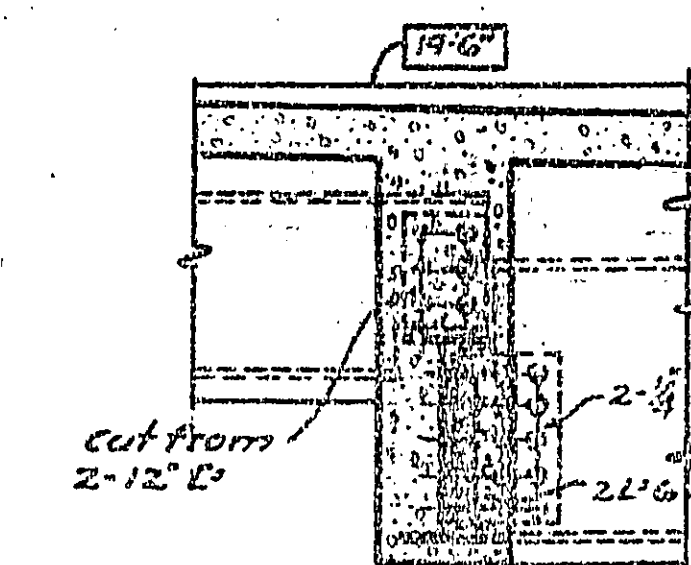
SECTION A-A
SCALE 3/4"=1'-0"



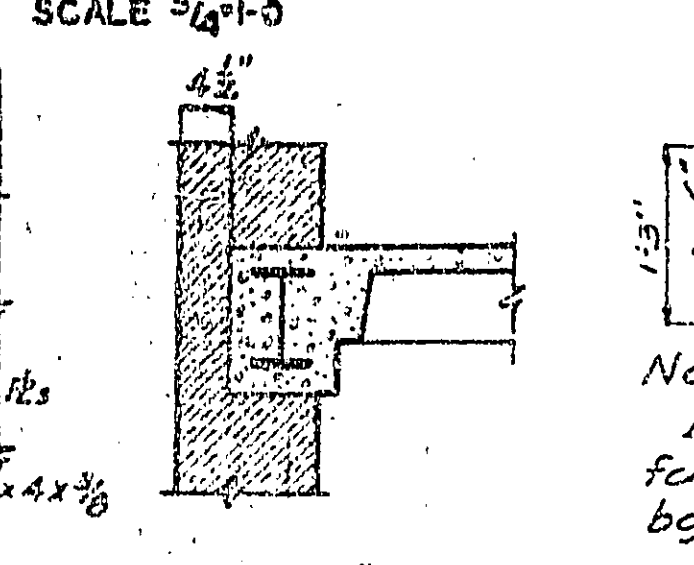
SECTION C-C
SCALE 3/4"=1'-0"



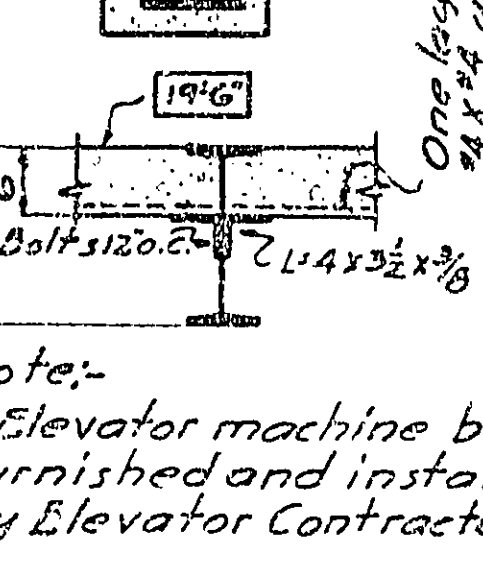
SECTION B-B
SCALE 1 1/2"=1'-0"



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



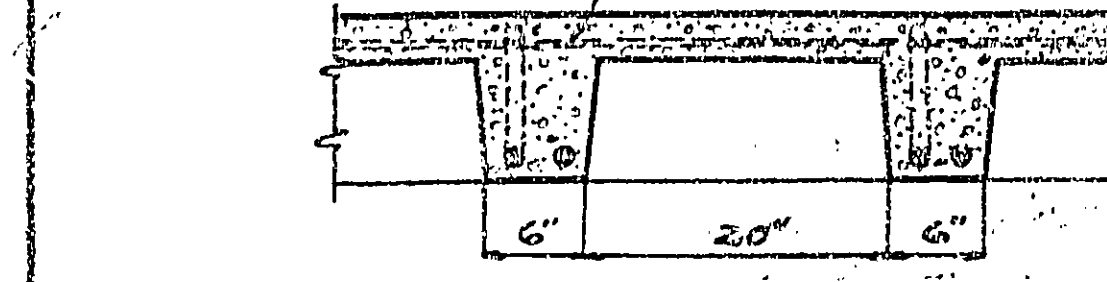
SECTION E-E
SCALE 3/4"=1'-0"



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

TYPICAL CORNER CONNECTION
SCALE 3/4"=1'-0"

3/8" Temp. bars 18" o.c. placed under ribbed slab bent bars. Stagger splices and lap 1'-6"



TYPICAL RIBBED SLAB
NO SCALE



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

3/8" Temp. bars 18" o.c. placed under ribbed slab bent bars. Stagger splices and lap 1'-6"

Mark	Size		Reinforcing		Remarks
	A	B	Bent	Straight	
S1	6"	2"	1-1/2"	1-1/2"	
S2	6"	2"	1-1/2"	1-1/2"	
S3	6"	2"	1-1/2"	1-1/2"	Play north west end
S4	6"	2"	1-1/2"	1-1/2"	Play south east end
S5	6"	2"	1-1/2"	1-1/2"	
S6	6"	2"	1-1/2"	1-1/2"	
S7	6"	2"	1-1/2"	1-1/2"	

Ribs 6" wide except where filler forms are required adjacent to beams or walls. Filler forms shall be 20" wide generally.

NOTE
The lintels shown on above plan are for tenth story windows unless otherwise noted

3/8" Temp. bars 18" o.c. placed under ribbed slab bent bars. Stagger splices and lap 1'-6"

Mark	Thickness	Reinforcing		Remarks
		Size	spacing	
S8	6"	3/8"	6" o.c.	Bars Att. bent & straight
S9	6"	3/8"	6" o.c.	do. do. do. do.
S10	4"	3/8"	6" o.c.	do. do. do. do.
S11	4"	3/8"	6" o.c.	Bars straight

NOTE
1. Top of roof beams shall be 2" below top of roof slab and slope with pitch of roof unless otherwise noted.
2. Pent house floor beams same elevation as roof beams unless otherwise noted thus (-0") below pent house floor line.
3. Figures shown thus [] give elevations of top of roof slab and pent house floor line above tenth floor line.

ELEVATOR NOTE
The inserts or bond blocks for fastening guide rails and brackets of elevators will be furnished by the Elevator Contractor and built-in by General Contractor where directed. The shelf angles on machine beams and 6" concrete slab not to be placed until machine beams are in place.

3/8" Temp. bars 18" o.c. placed under ribbed slab bent bars. Stagger splices and lap 1'-6"

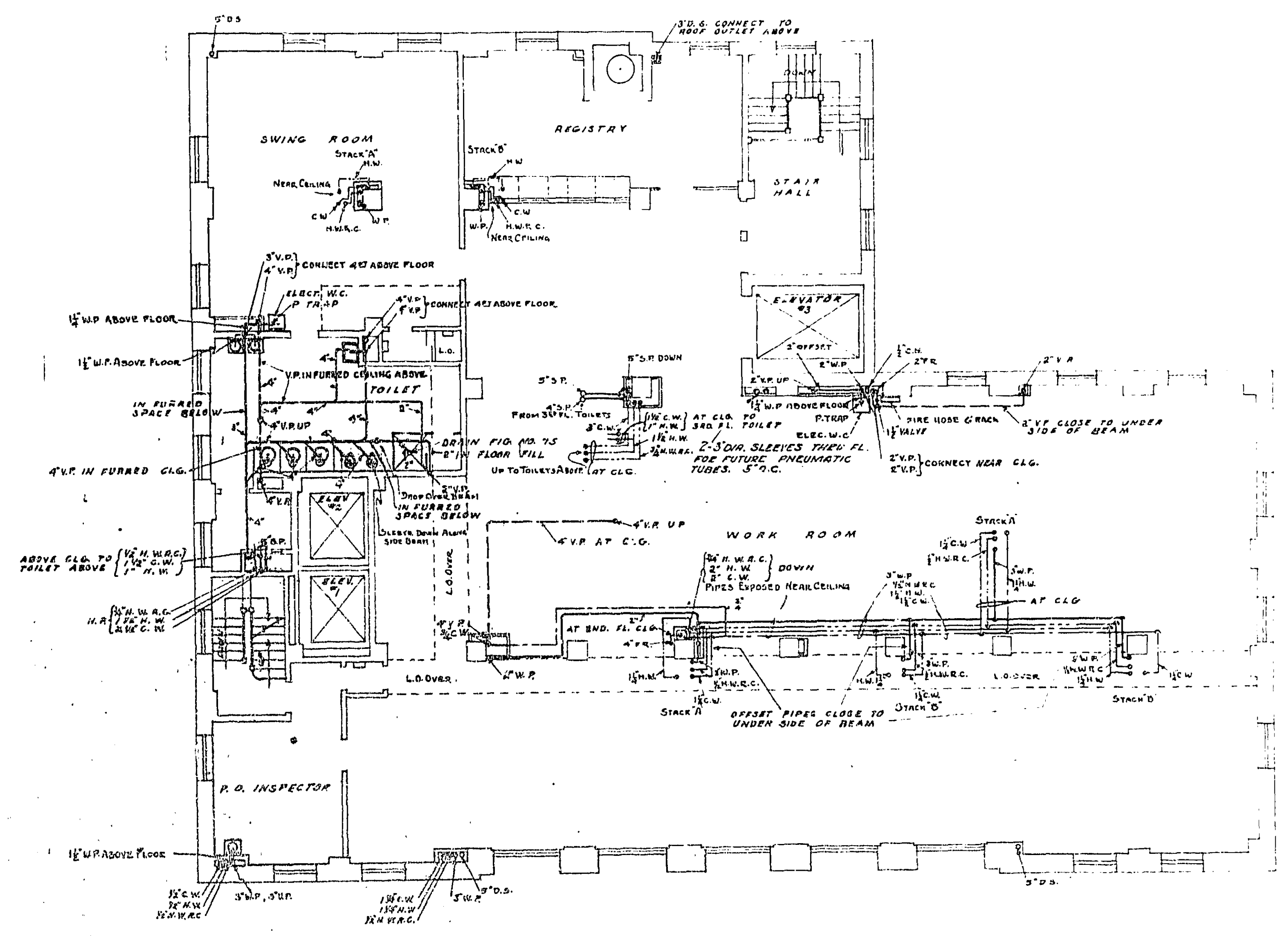
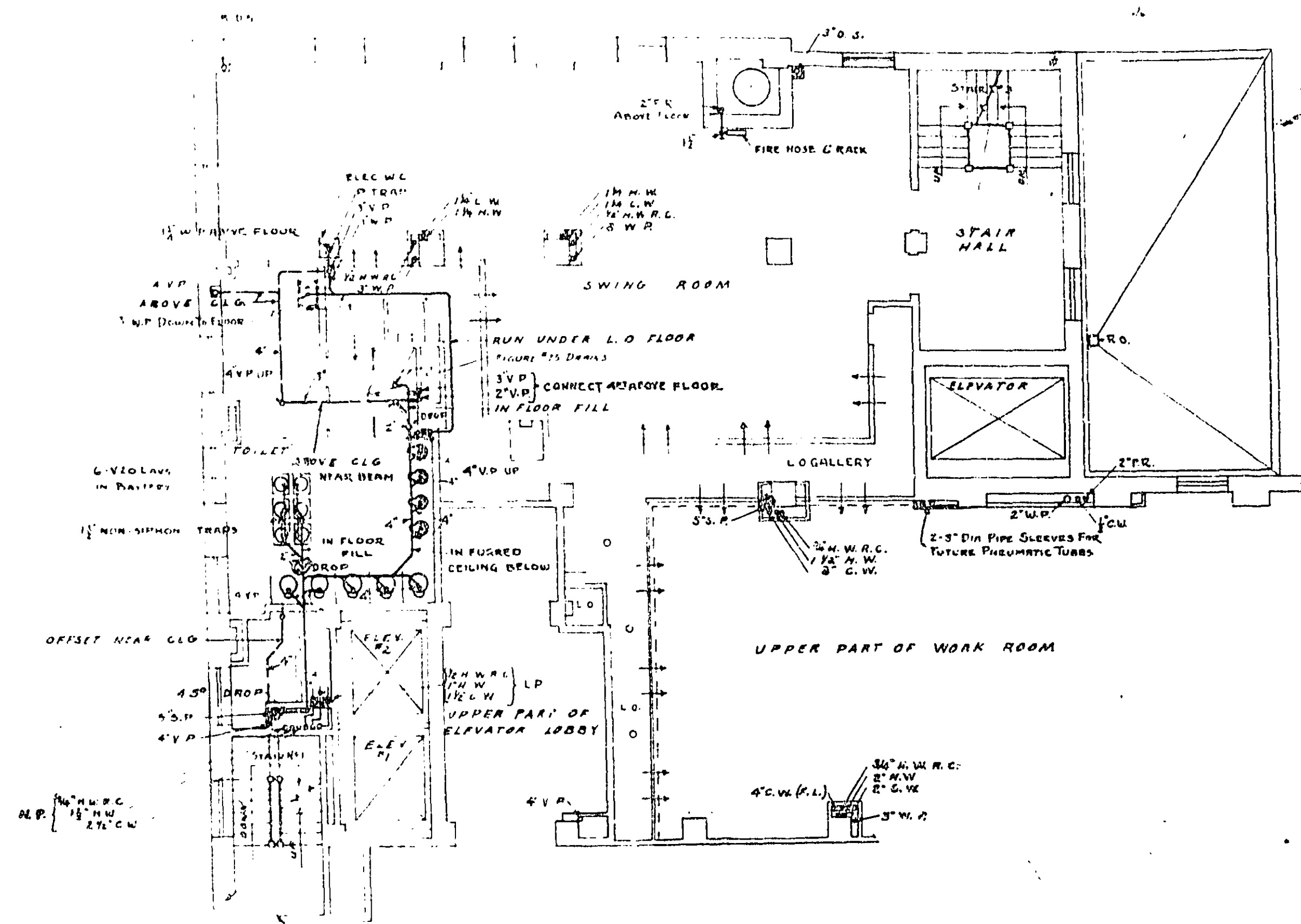
GENERAL STRUCTURAL NOTE
1. The field connections shall be made with 3/8" diameter rivets unless otherwise noted.
2. The following standard structural details on Drawings S-390-D and S-391-D apply to this building S1, S2, S3, S4, S5, S6, S7, S8, S10, S11 modified on drawings S12, S13, S14, S16, S17, S19, S22, S23, S25, S26, S27, S33 and S34 unless otherwise shown or noted.
3. The shop connections shall be made with 3/8" diameter rivets unless otherwise noted.

One layer 4x4 1/4" x 1/4" wire fabric and concrete slab by General Contractor

Note: Elevator machine beams furnished and installed by Elevator Contractor

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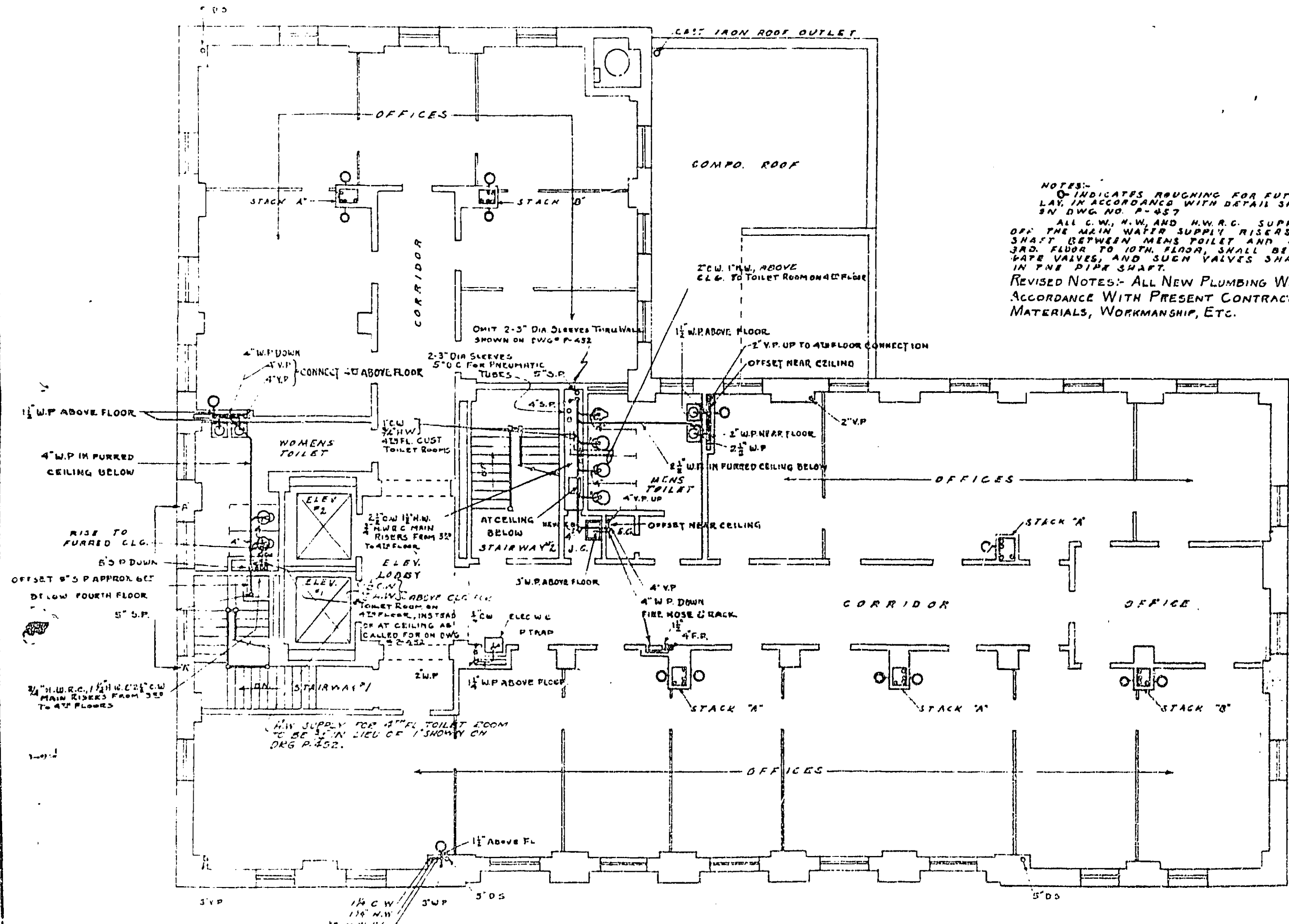


NOTE:
FOR DIMENSIONS OF RISERS & STACKS REFER
"A" & "B" SEE DETAIL ON DWG. P-447

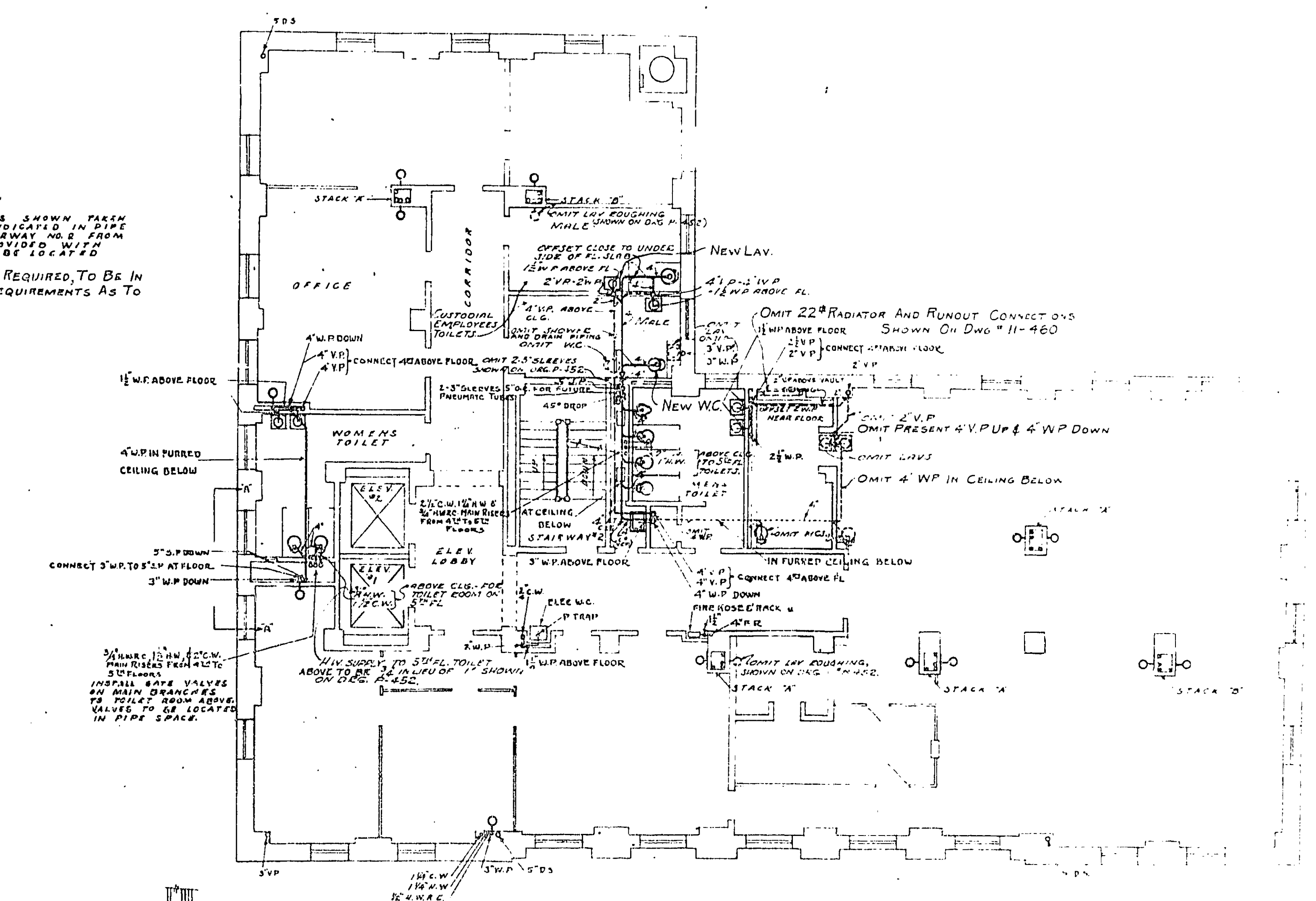
PLUMBING

TREASURY DEPARTMENT
PUBLIC BUILDINGS BRANCH

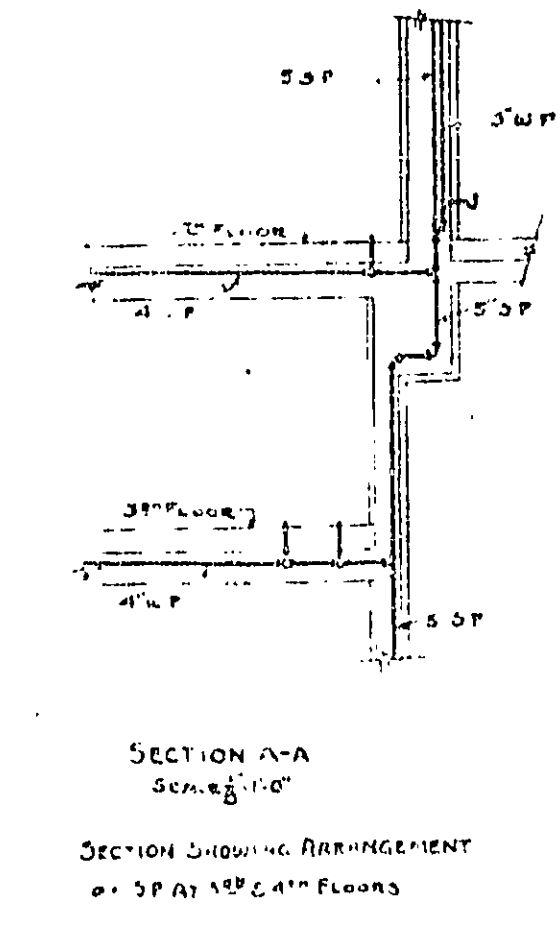
FEDERAL OFFICE BLDG
HOUSTON, TEXAS



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

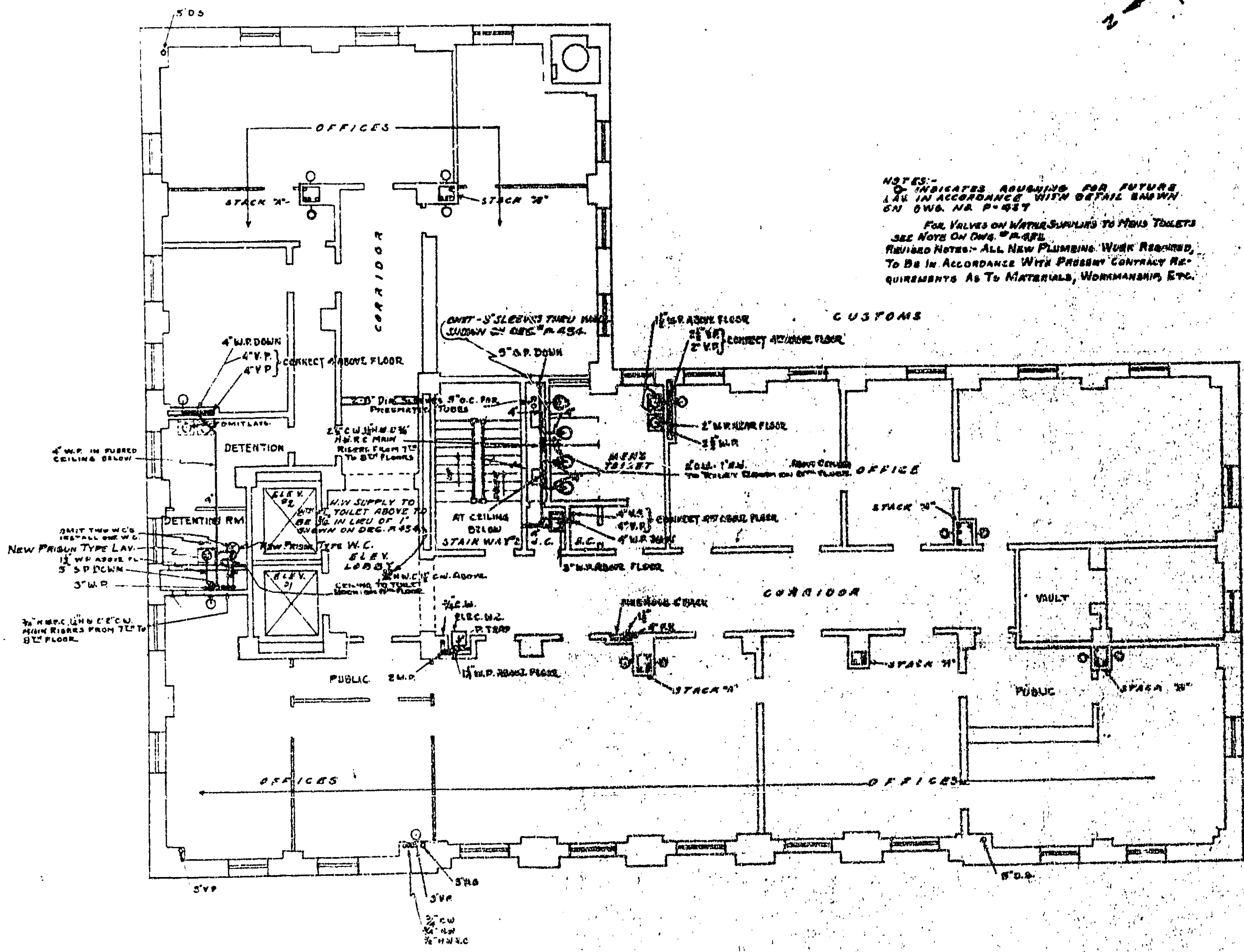


FOURTH FLOOR PLAN
 SCALE 1/8"=1'-0"

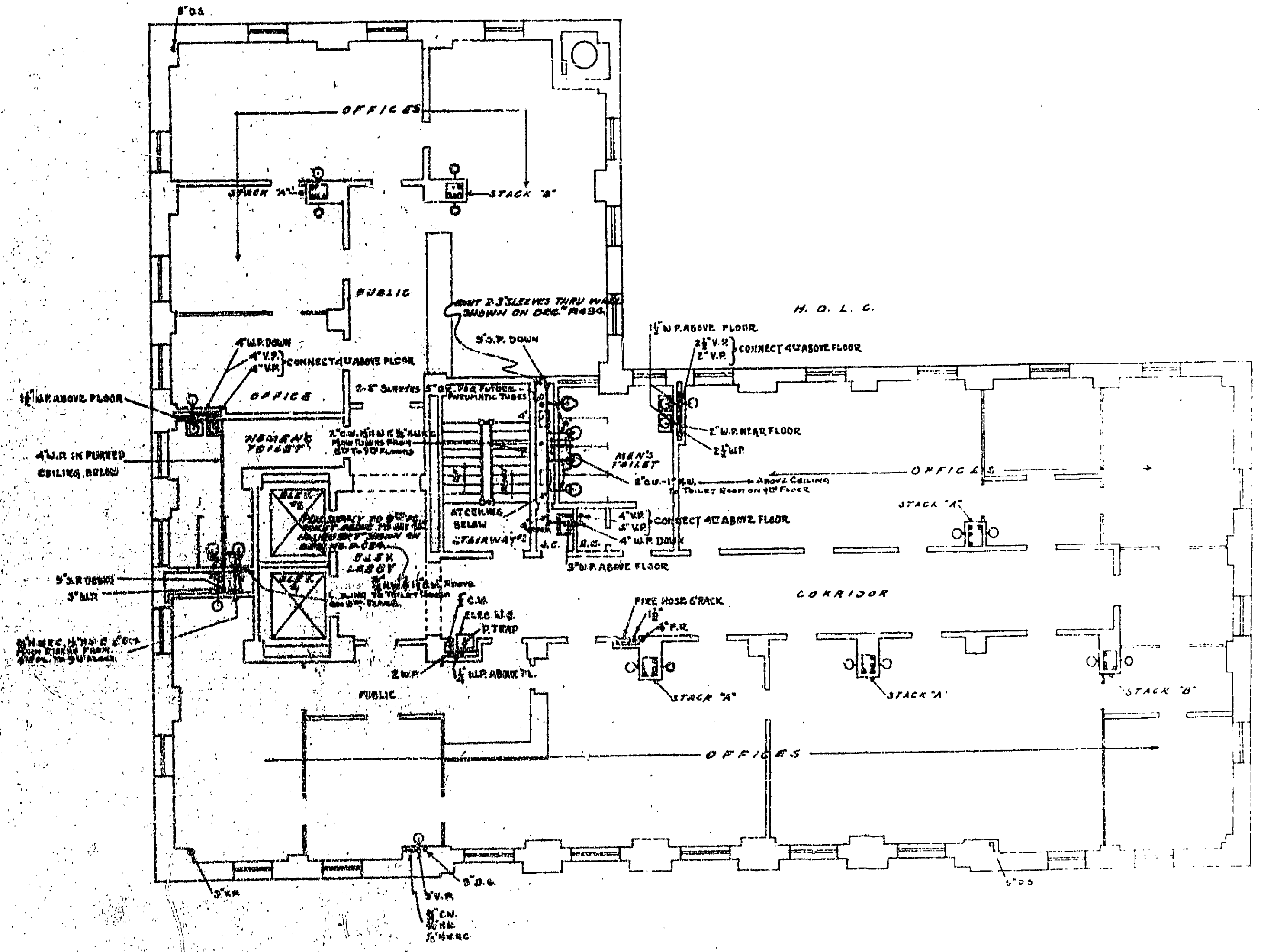


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PLUMBING



NOTES:
 1. INDICATES ABUSING FOR FUTURE
 USE IN ACCORDANCE WITH DETAIL SHOWN
 ON DWG. NO. P-454
 2. FOR VALVES ON WATER SUPPLIES TO MEN'S TOILETS
 SEE NOTE ON DWG. P-454
 3. REQUIRED NOTES: ALL NEW PLUMBING WORK REQUIRED
 TO BE IN ACCORDANCE WITH PRESENT CONTRACT RE-
 QUIREMENTS AS TO MATERIALS, WORKMANSHIP, ETC.



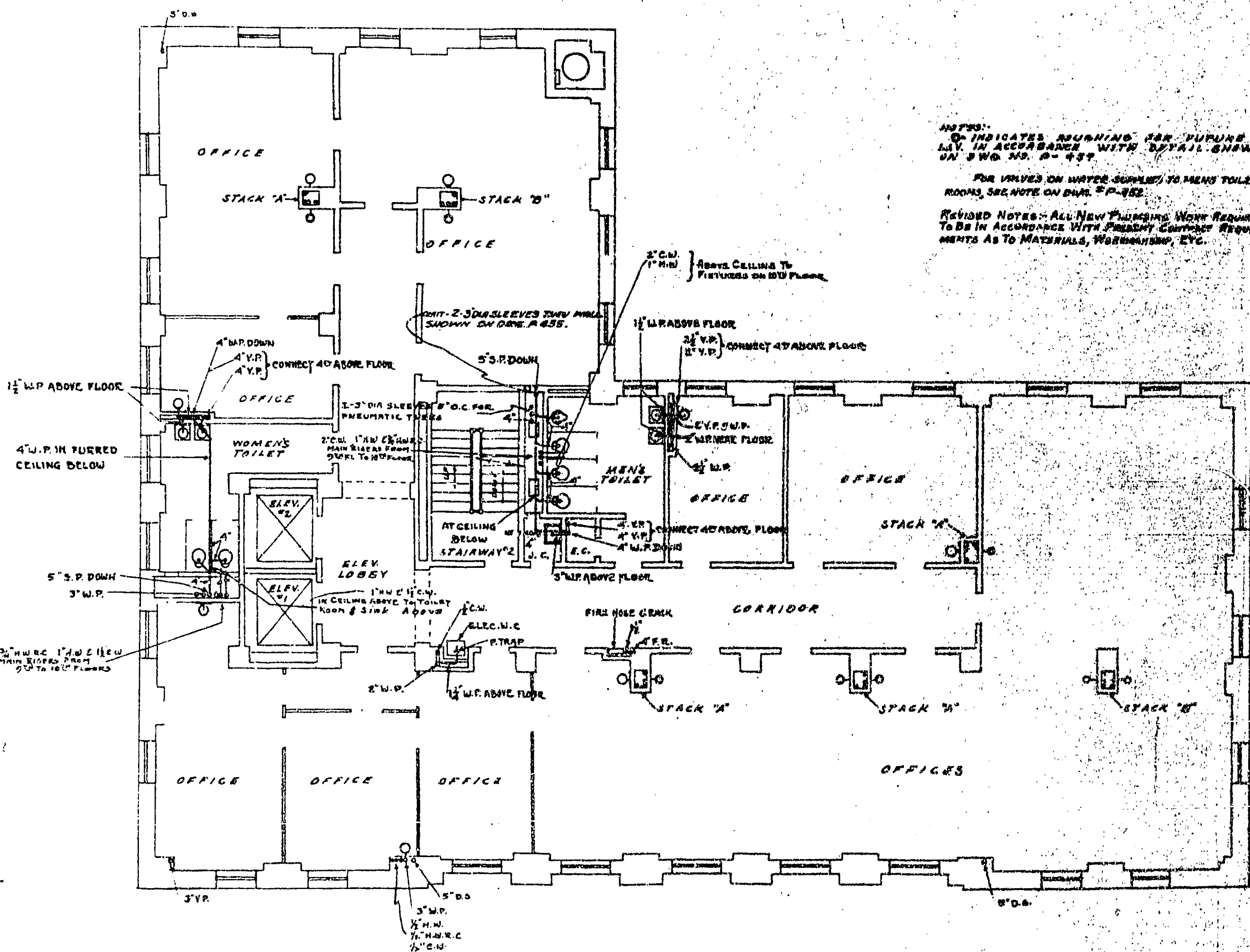
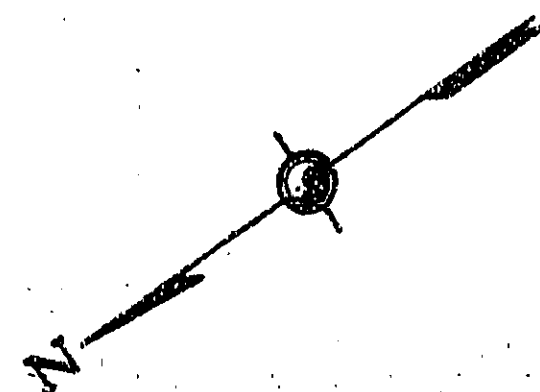
SEVENTH FLOOR PLAN
SCALE 1/4"=1'-0"

EIGHT FLOOR PLAN
SCALE 1/4"=1'-0"

PLUMBING

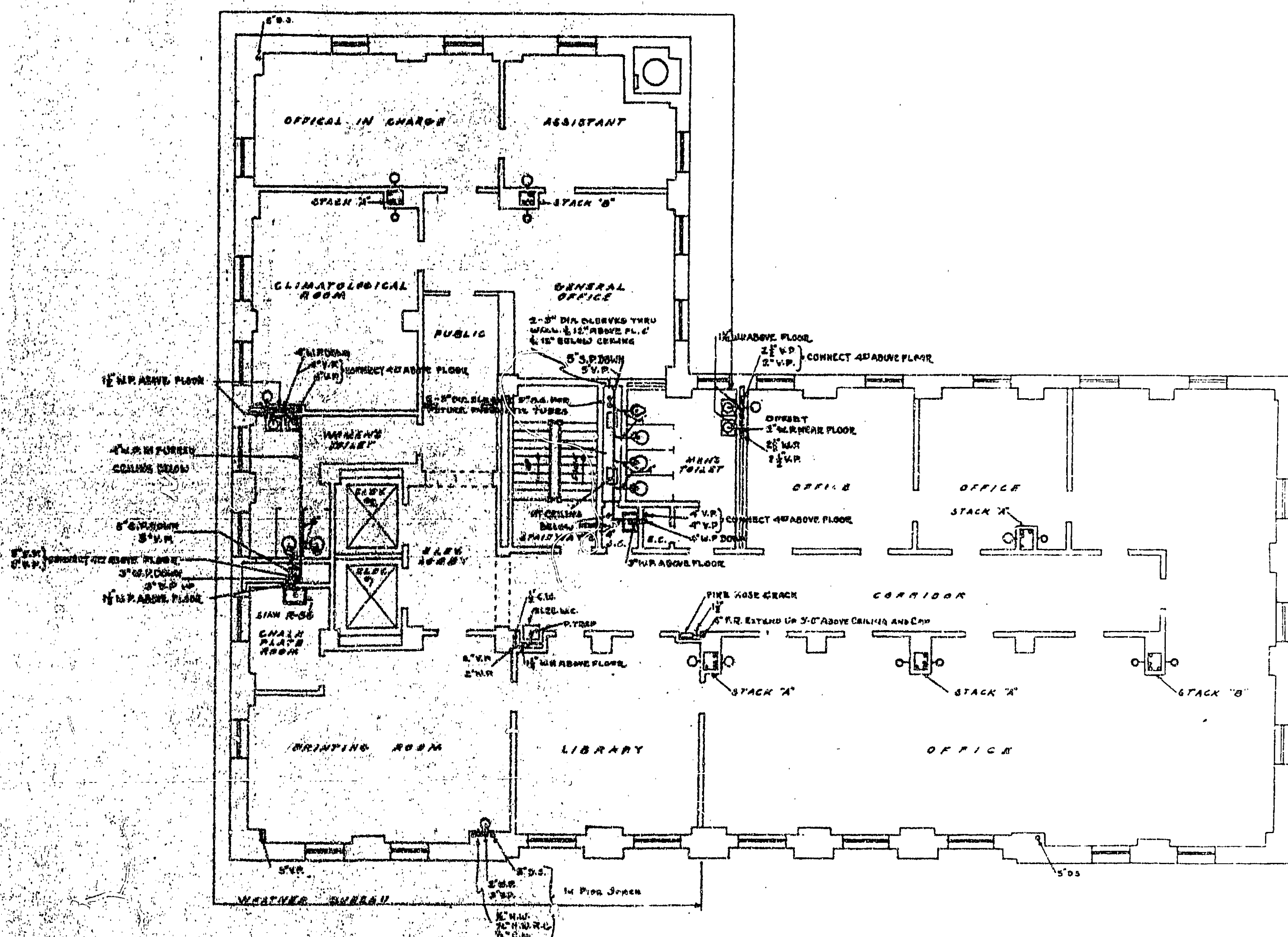
TREASURY DEPARTMENT
 PROCUREMENT DIVISION
 J. J. STOFFEL, DIRECTOR OF PROCUREMENT
 PUBLIC BUILDINGS BRANCH
 W. E. HANCOCK, ASSISTANT DIRECTOR OF PROCUREMENT
 N. A. MILLER, ENGINEER
 APPROVED

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 HOUSTON, TEXAS
 No. P-454A



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

NOTES:
 1. INDICATES RUNNING FOR PURPOSE
 2. IN ACCORDANCE WITH SPECIAL SHOWN
 ON S.W.D. NO. 10-437
 FOR VALUES ON WATER SUPPLY TO MEN'S TOILET
 ROOMS, SEE NOTE ON DWG. 2-P-452
 REVISION NOTES: ALL NEW PLUMBING WORK REQUIRED
 TO BE IN ACCORDANCE WITH PRESENT CODES & REQUIRE-
 MENTS AS TO MATERIALS, WORKMANSHIP, ETC.



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

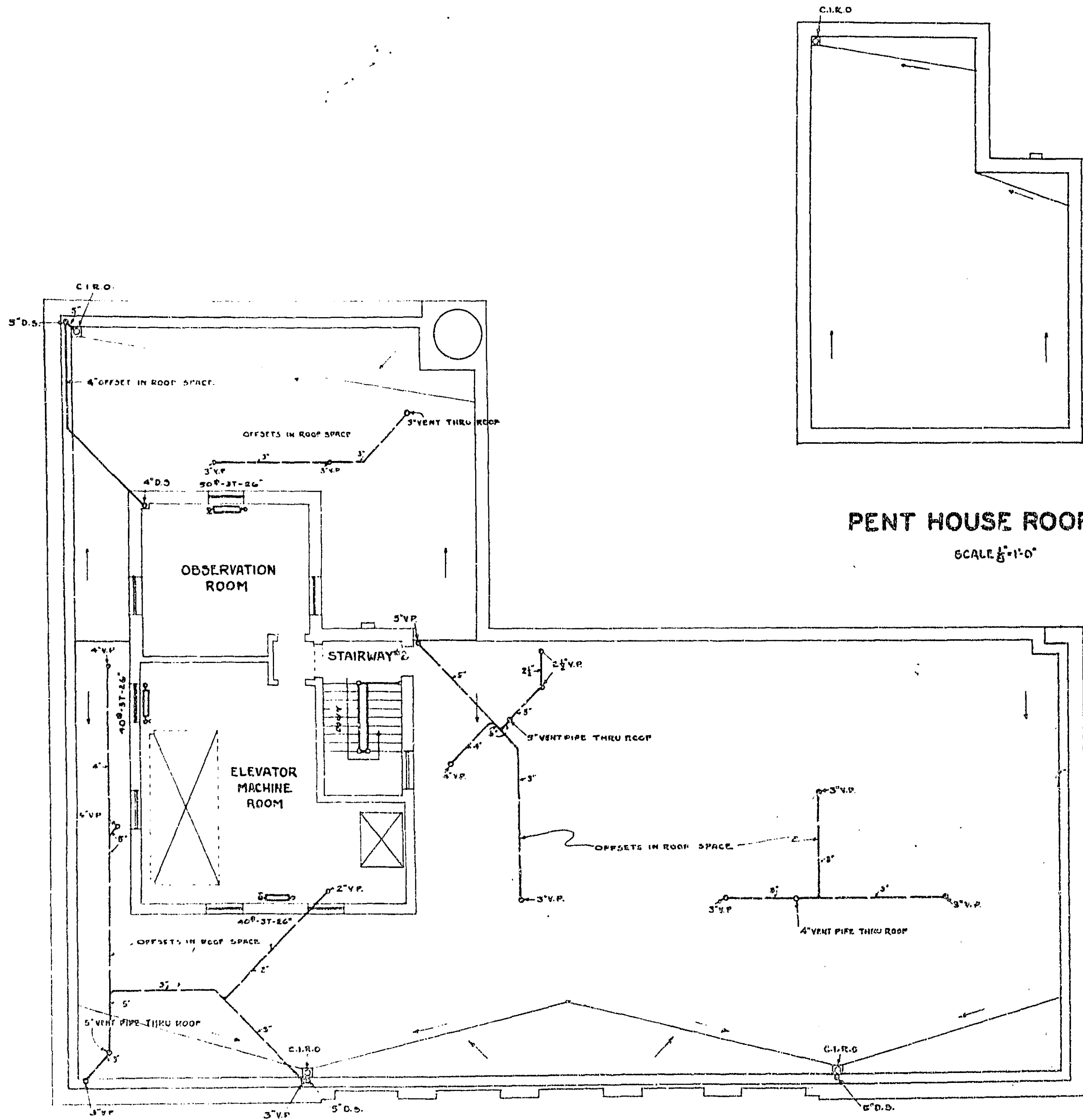
PLUMBING

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 HOUSTON, TEXAS
 DESIGNED BY T. L. ... DATE ...
 CHECKED BY ... DATE ...
 DRAWING No. P-455A



PENT HOUSE ROOF PLAN
SCALE $\frac{1}{8}''=1'-0''$

ROOF AND PENT HOUSE PLAN
SCALE $\frac{1}{8}''=1'-0''$

NOTE:-
C.I.R.O. - INDICATES, CAST IRON ROOF OUTLET

PLUMBING-HEATING

TREASURY DEPARTMENT
PROCUREMENT DIVISION
C. J. PEOPLE, DIRECTOR OF PROCUREMENT

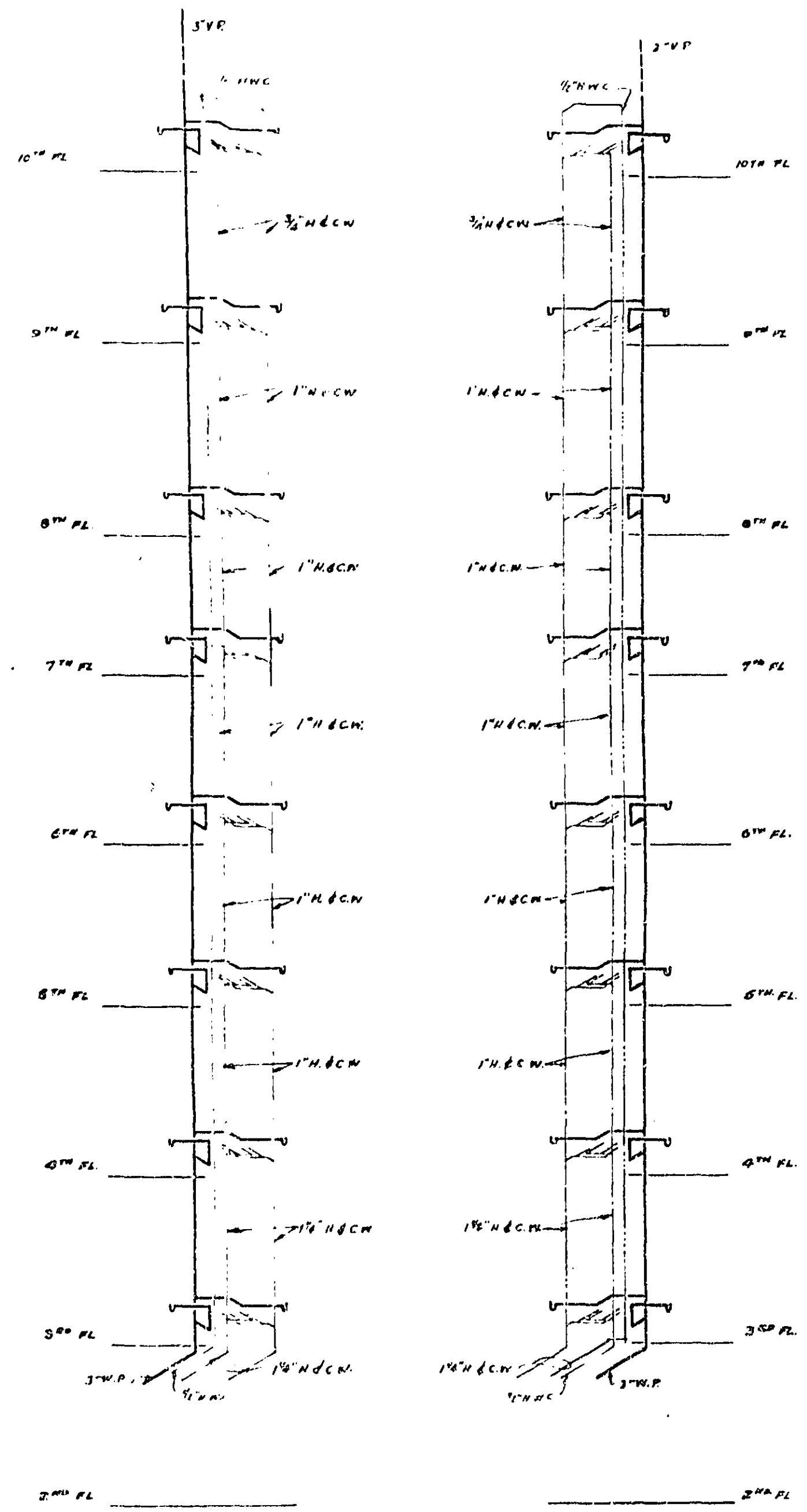
PUBLIC BUILDINGS BRANCH
W. J. HEYBOLD, ASSISTANT DIRECTOR OF PUBLIC BUILDINGS
JAMES A. SIMON, ASSISTANT DIRECTOR OF PUBLIC BUILDINGS
RALPH A. MILLER, ASSISTANT DIRECTOR OF PUBLIC BUILDINGS

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W. J. HEYBOLD, ASSISTANT DIRECTOR OF PUBLIC BUILDINGS
JAMES A. SIMON, ASSISTANT DIRECTOR OF PUBLIC BUILDINGS
RALPH A. MILLER, ASSISTANT DIRECTOR OF PUBLIC BUILDINGS

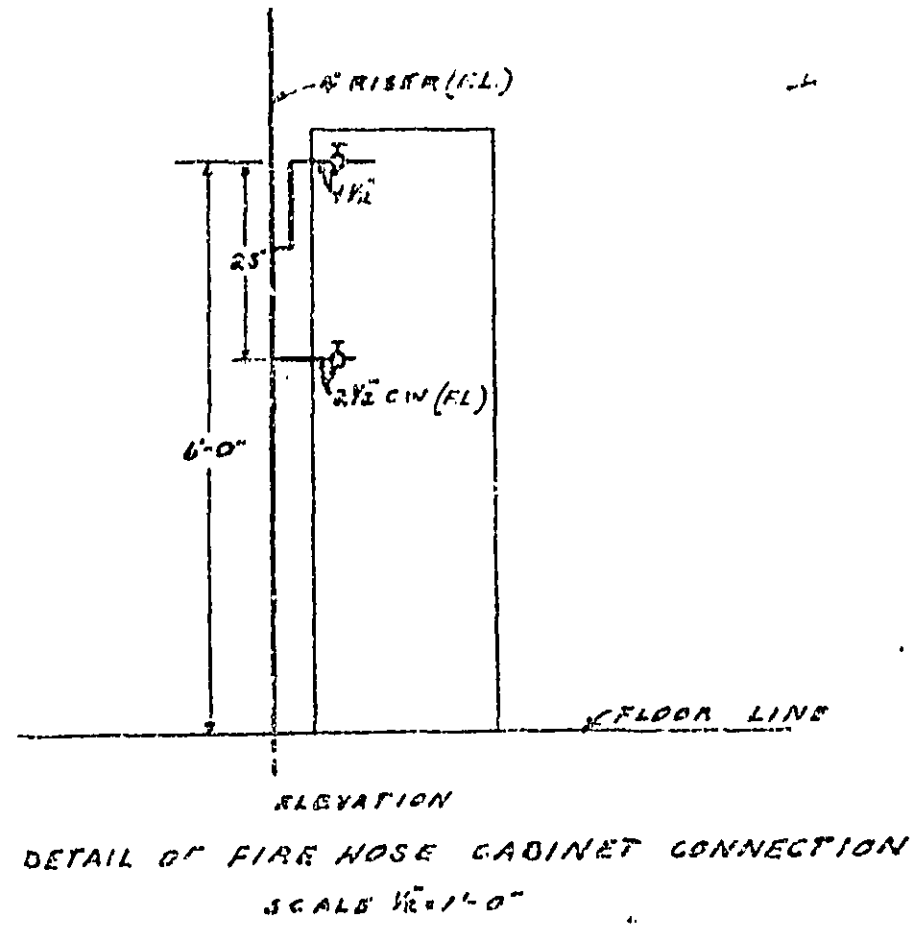
FEDERAL OFFICE BLDG.
HOUSTON, TEXAS
DRAWN BY: [unclear] DATE: 5-2-52
CHECKED BY: [unclear]

PH-456

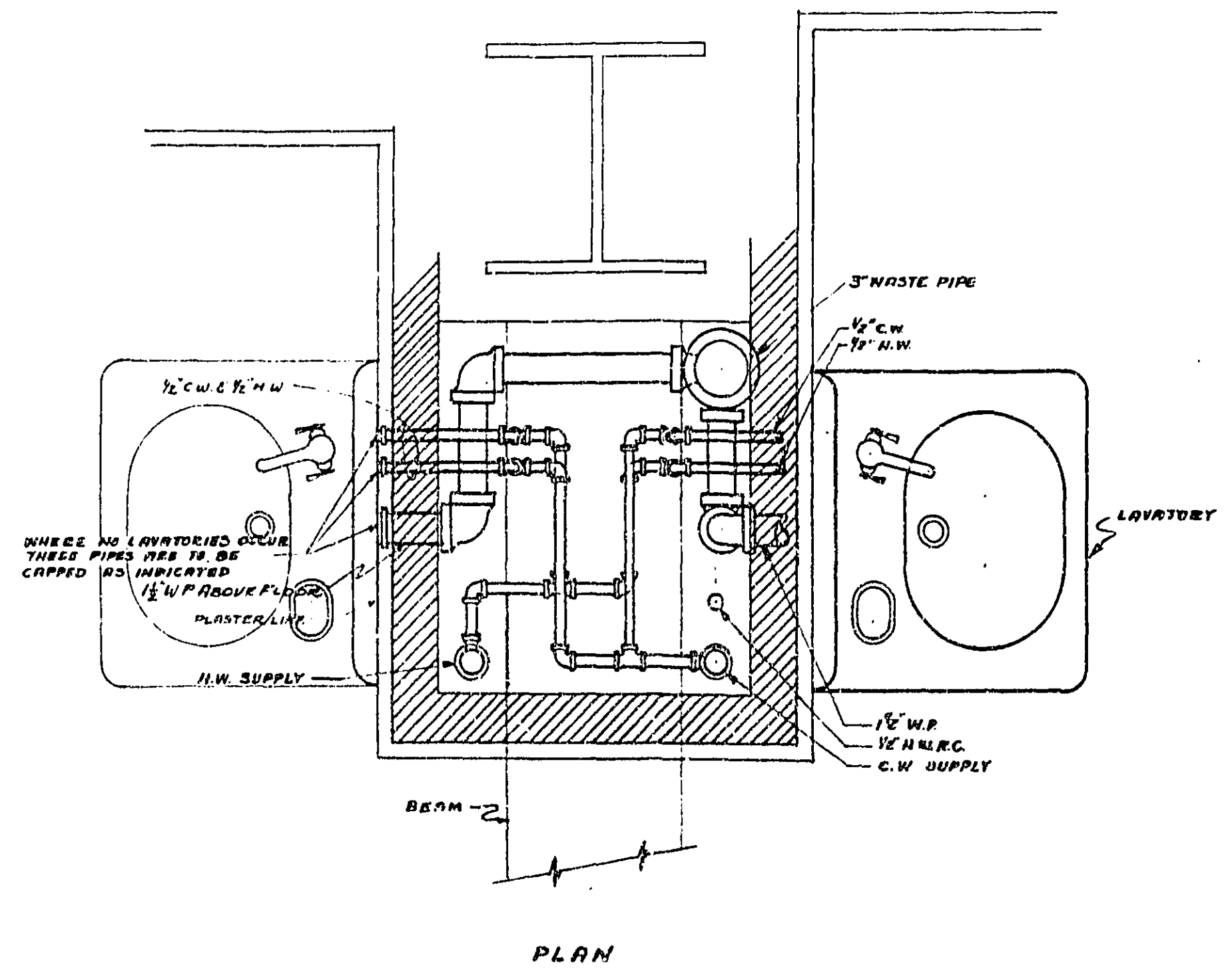


TYPICAL 'B' STACK PIPING
NO SCALE

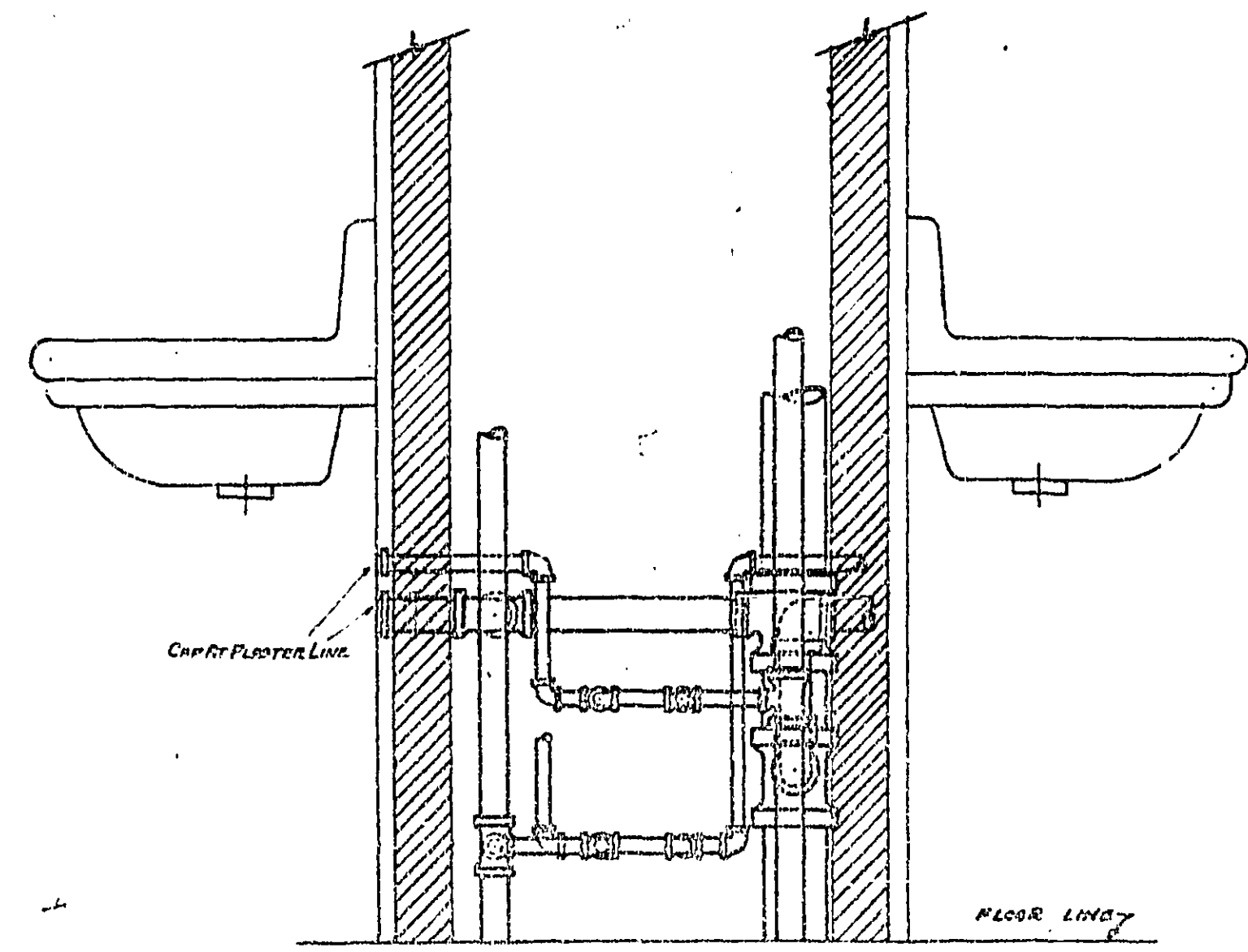
TYPICAL 'A' STACK PIPING
NO SCALE



ELEVATION
DETAIL OF FIRE HOSE CABINET CONNECTION
SCALE 1/2\"/>



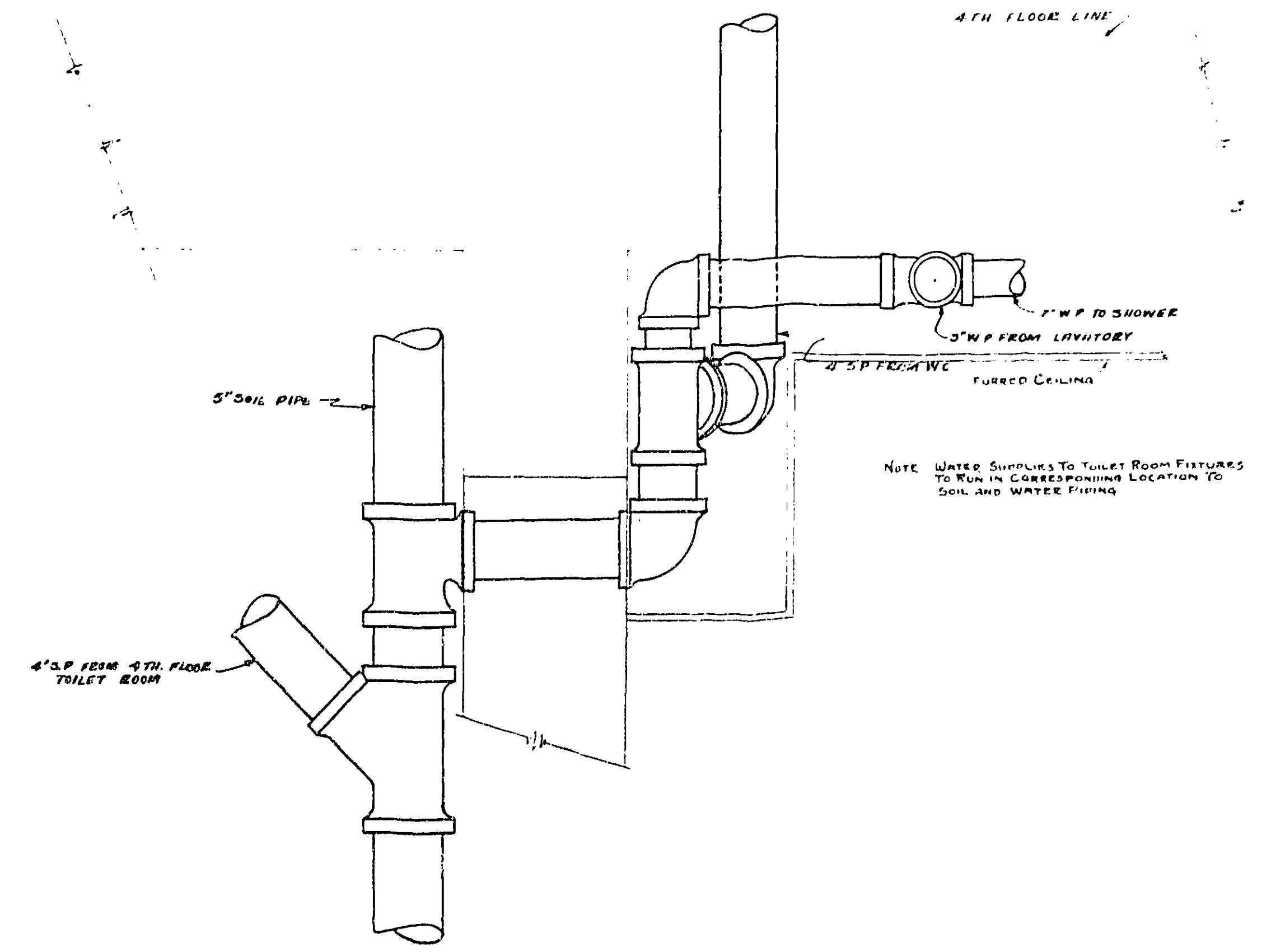
PLAN



ELEVATION

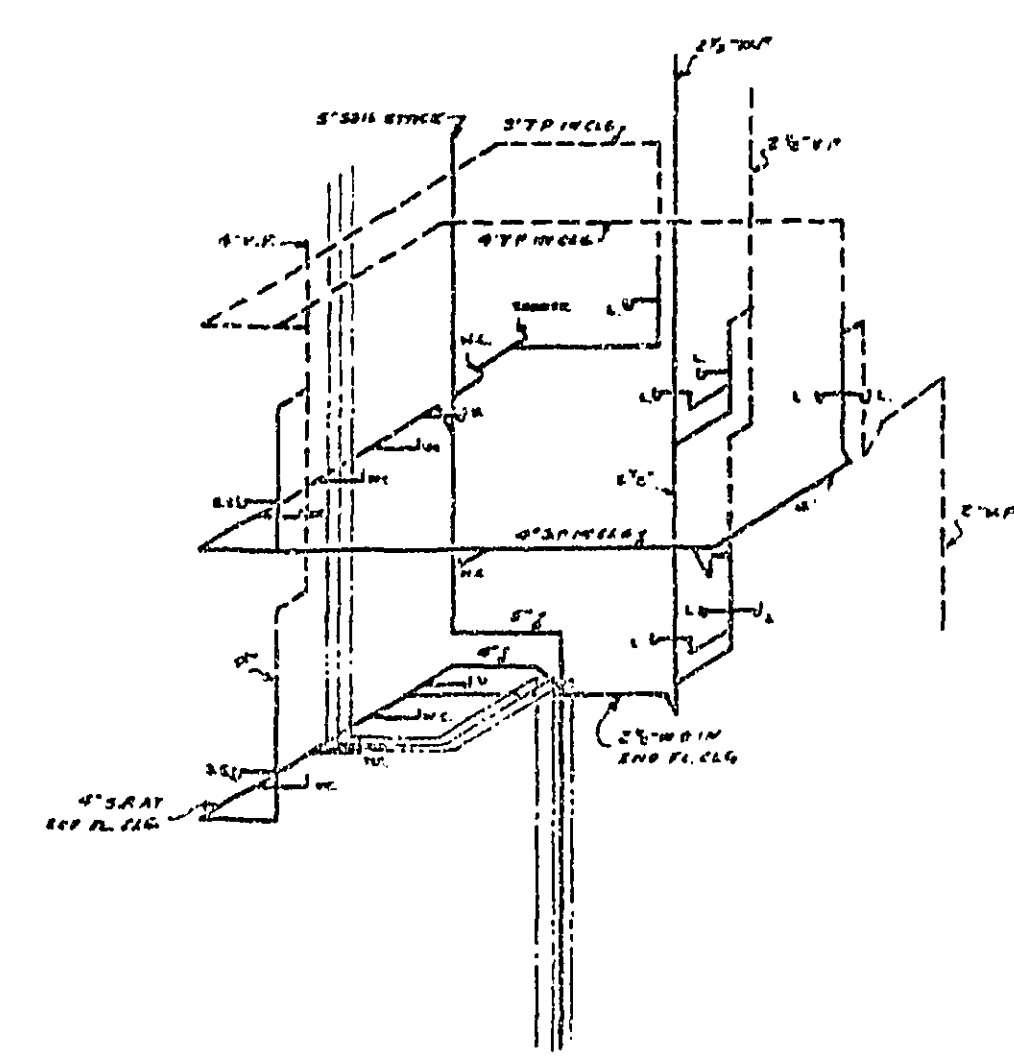
TYPICAL DETAIL OF LAV CONNECTIONS FOR STACK 'A'
SCALE: 1/2\"/>

(LAV CONNECTIONS FOR STACK 'B' TO BE SIMILAR BUT OPPOSITE HAND)
FOR LOCATIONS OF STACKS 'A' AND 'B' SEE PLUMBING FLOOR PLANS
#P-452-P-453-P-454-P-455



DETAIL OF CONNECTIONS FROM SHOWER ETC
ON 4TH FLOOR TO MAIN 5\"/>

SCALE: 1/2\"/>

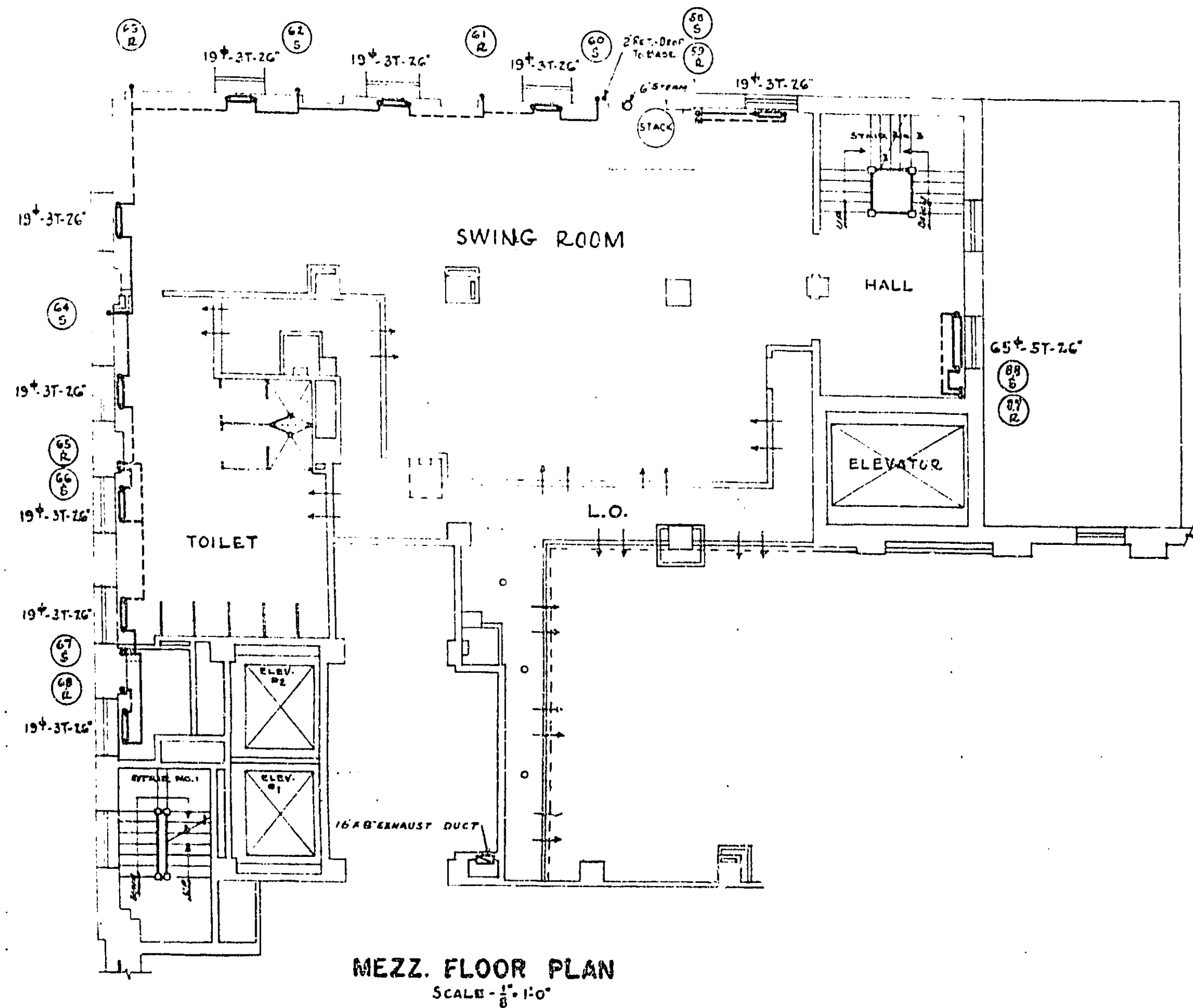


PIPING FOR 3RD & 4TH FLOOR TOILET ROOMS
ALSO MAIN WATER SUPPLY PIPES
NO SCALE

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PROCUREMENT DIVISION
PUBLIC BUILDINGS BRANCH
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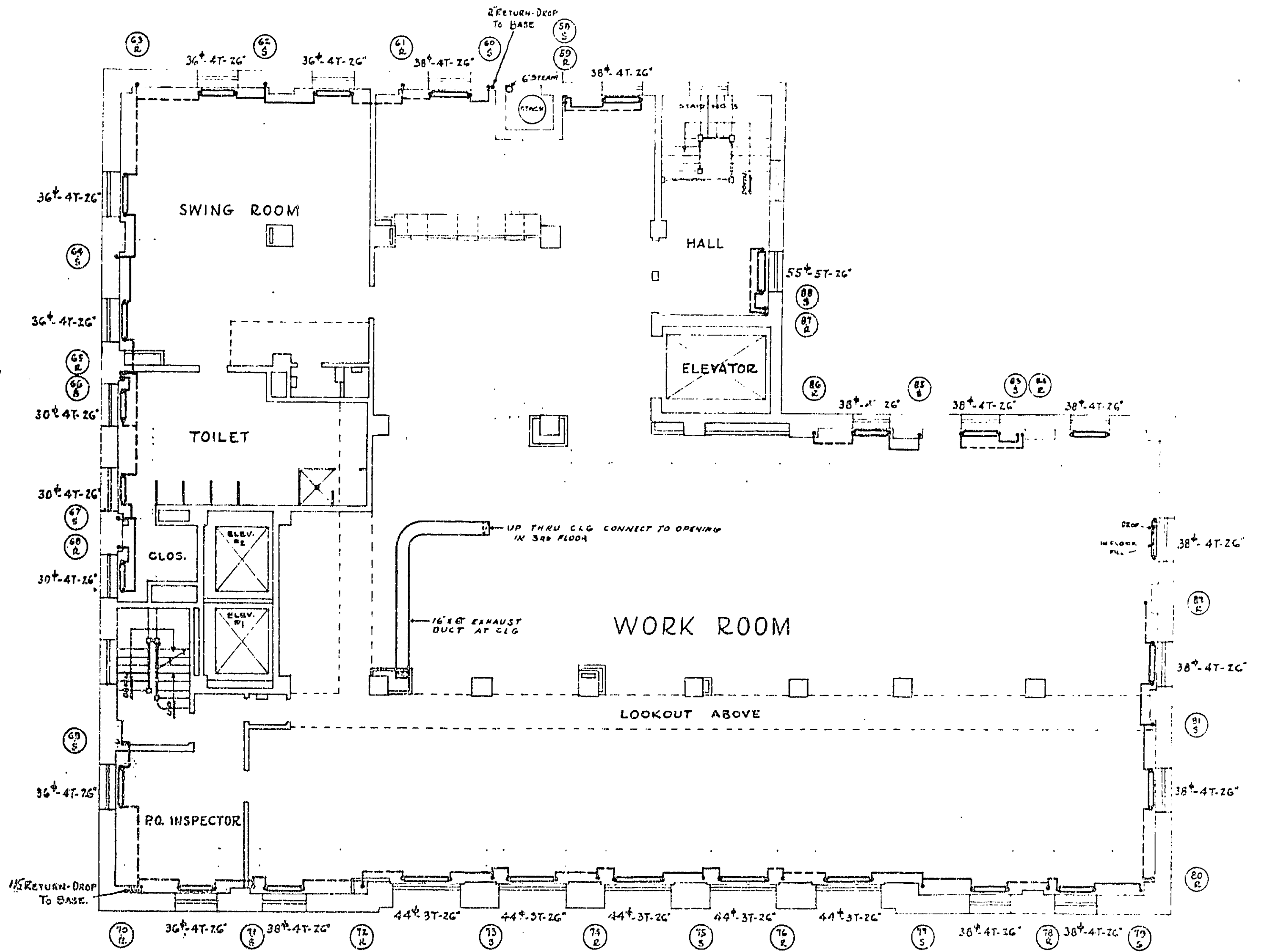
PLUMBING DETAILS

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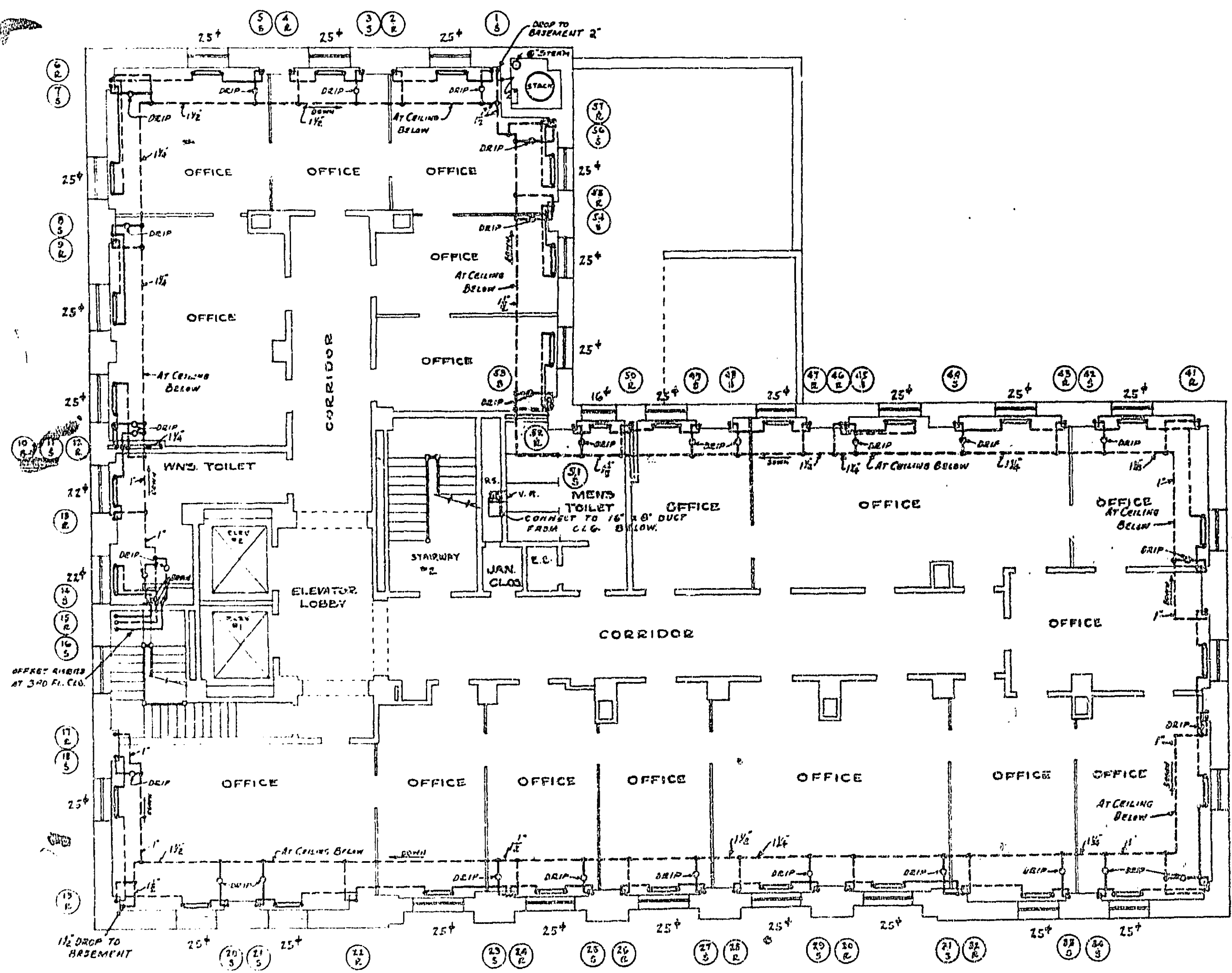
MEZZ. FLOOR PLAN
SCALE - 1/8" = 1'-0"

NOTES:
ALL GUNGYS FROM RIZES TO RADIATORS TO BE IN FLOOR FILL.
ALL RADIATORS TO BE 24" HIGH UNLESS OTHERWISE NOTED.
WHERE RECESSES ARE PROVIDED UNDER WINDOWS, RADIATORS ARE TO BE INSTALLED IN SAME.



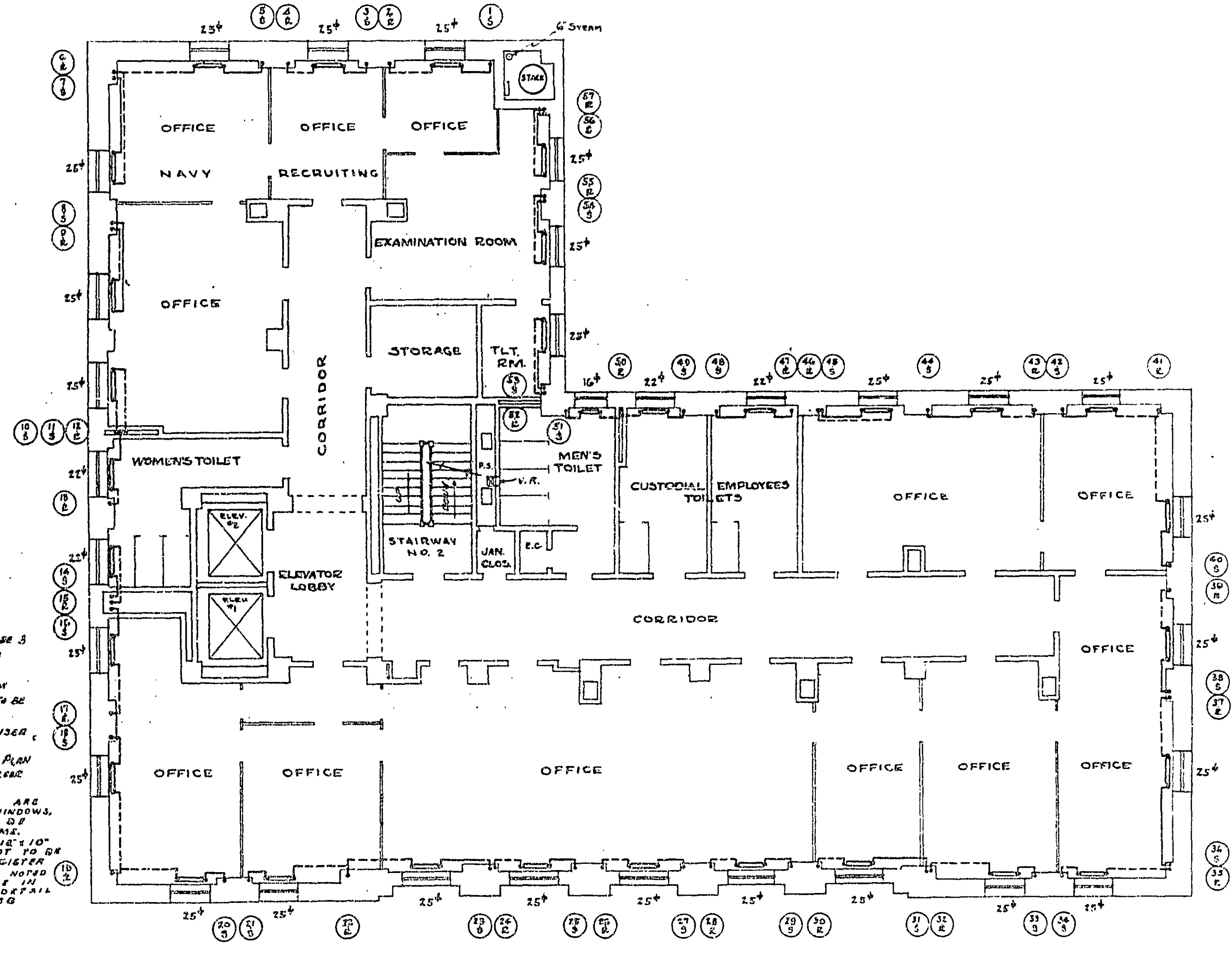
SECOND FLOOR PLAN
SCALE - 1/8" = 1'-0"

HEATING



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

NOTES-
 ALL RADIATORS TO BE 3
 TUBE-26 HIGH UNLESS
 OTHERWISE NOTED.
 ALL RUNOUTS FROM
 UPPER TO RADIATOR TO BE
 RUN IN FLOOR FILL.
 RETURN MAINS, RISER,
 BRANCHES AND DRIPS
 SHOWN ON 3RD FLOOR PLAN
 SEE TO BE AT 2ND FLOOR
 CEILING.
 WHERE RECESSES ARE
 PROVIDED UNDER WINDOWS,
 RADIATORS ARE TO BE
 INSTALLED IN SAME.
 V.R. INDICATES "SEE 1ST"
 VENT REGISTER, GOOT TO BE
 SAME SIZE AS REGISTER
 ALL STEAM DRIPS NOTED
 ON THIS DWG. TO BE IN
 ACCORDANCE WITH DETAIL
 AT DWG. NO. H-436

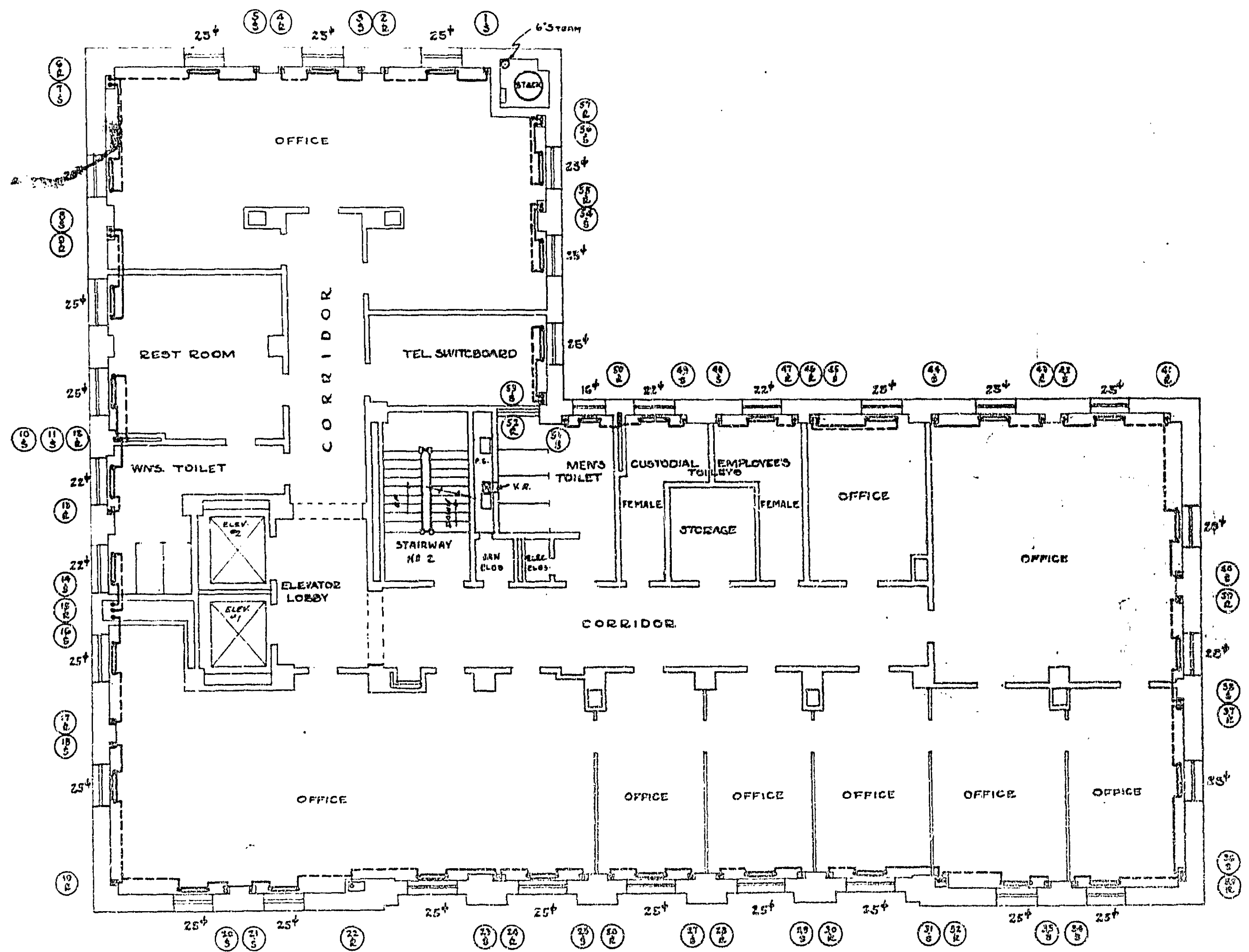


FOURTH FLOOR PLAN
SCALE: 1/8" = 1'-0"

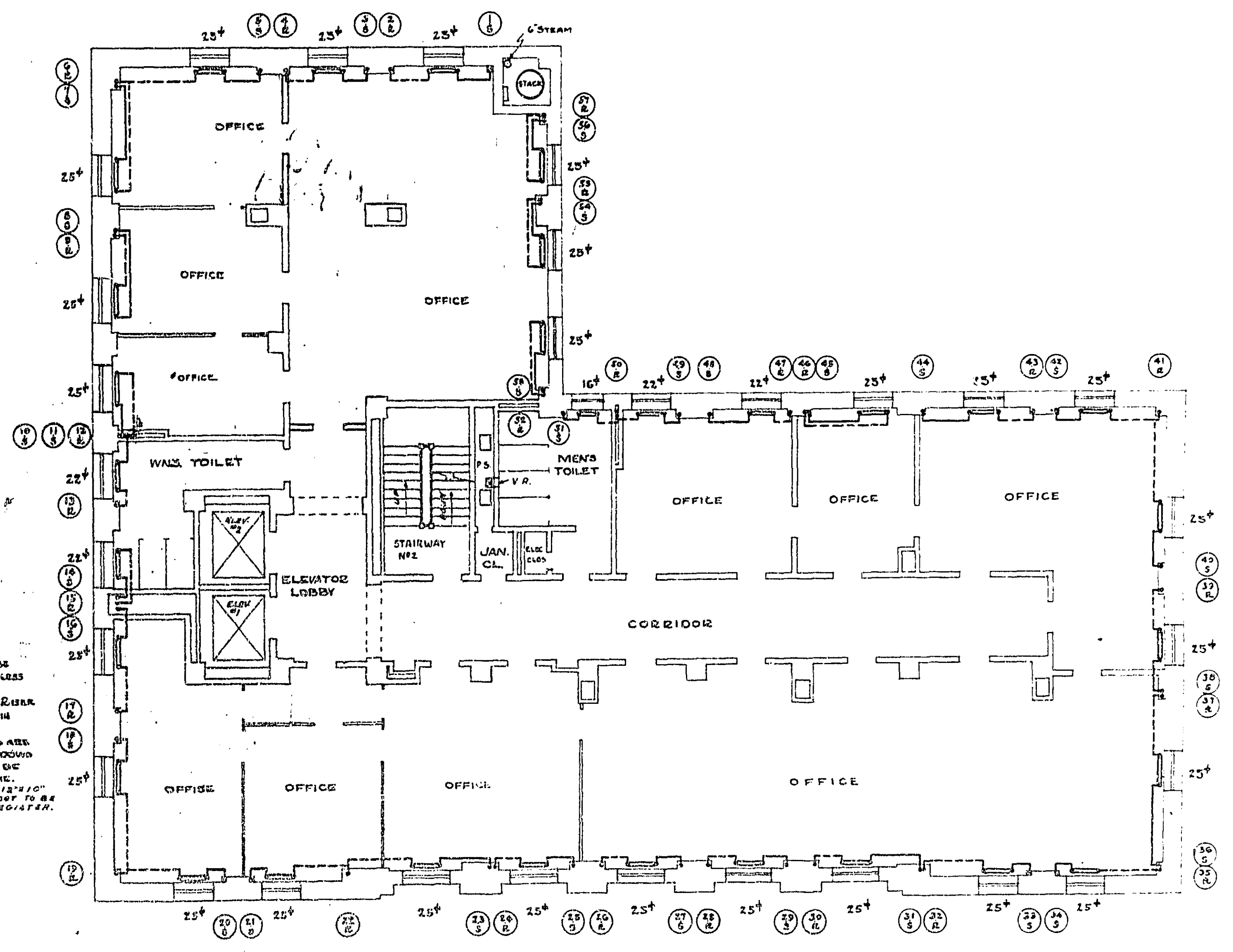
HEATING

TREASURY DEPARTMENT
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 PUBLIC BUILDINGS BRANCH
 W. F. HARRISON, ARCHITECT
 1115 N. GARDNER ST., HOUSTON, TEXAS
 APPROVED
 W. F. HARRISON
 ARCHITECT

BUILDING FEDERAL OFFICE BLDG.
 CITY HOUSTON, TEXAS
 DRAWING NO. 45
 SHEET NO. 15
 CHECKED BY
 DATE 12/16/50
 DRAWING No. H-460



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



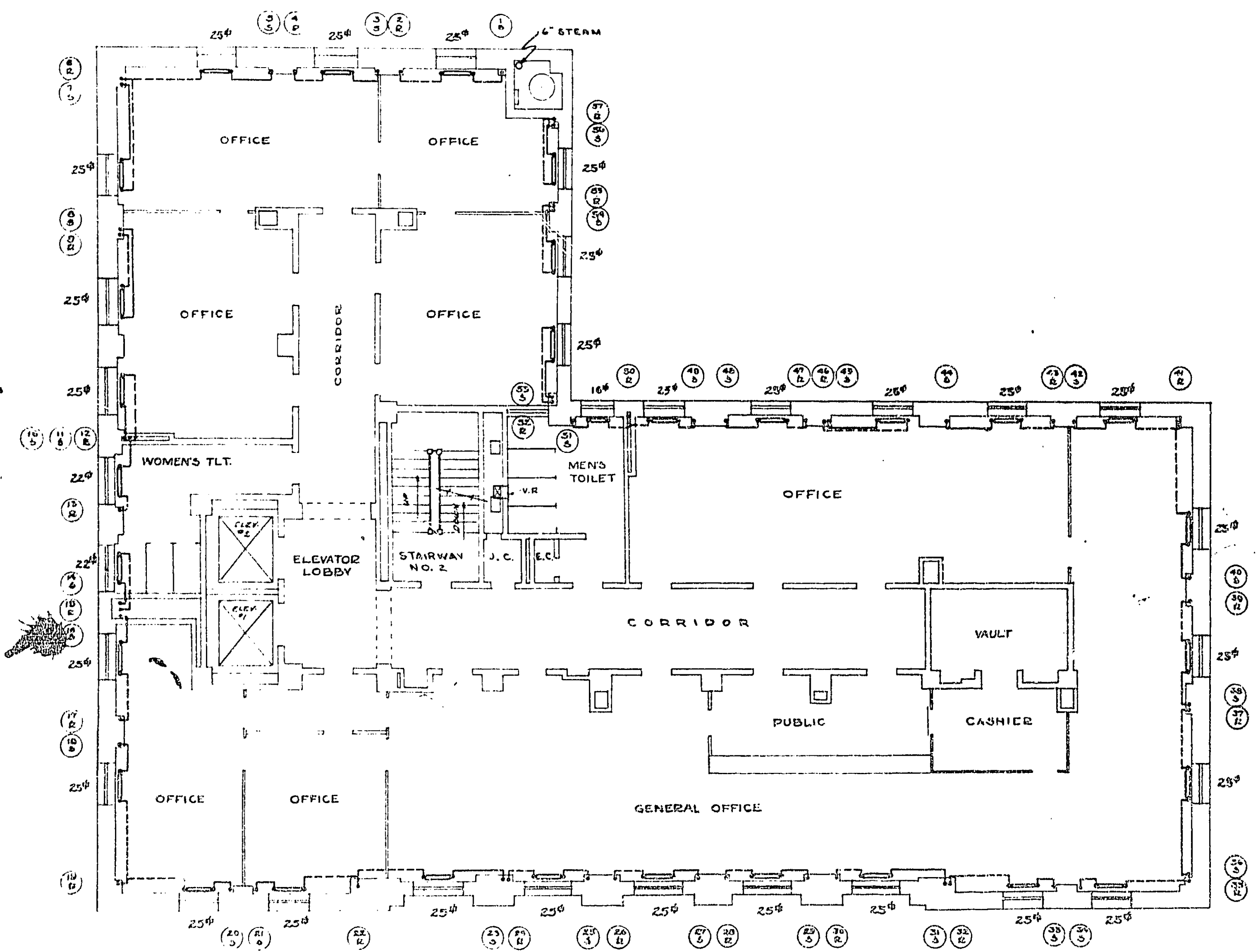
SIXTH FLOOR PLAN
SCALE: 1/8"=1'-0"

-NOTES-
ALL RADIATORS TO BE
5 TUBE - 72" HIGH - UNLESS
OTHERWISE NOTED.
ALL RADIATORS MUST BE
TO RADIATOR TO BE IN
FLOOR FILL.
UNLESS OTHERWISE NOTED
PROVIDED UNDER WINDOW
RADIATORS ARE TO BE
INSTALLED IN GRILLE.
V.R. INDICATES 12" X 10"
VENT REQUIRED. DOOR TO BE
SAME SIZE AS RADIATOR.

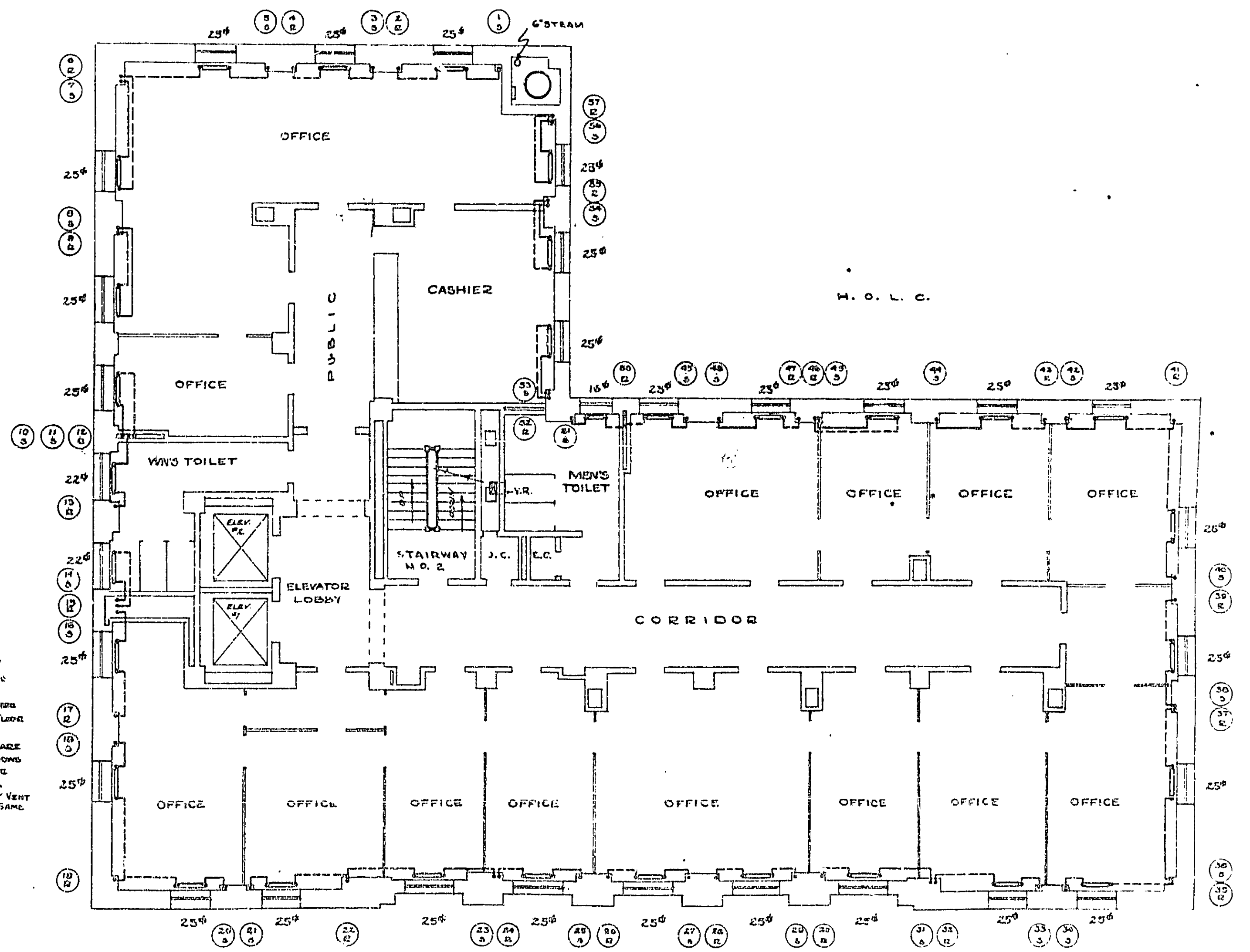
TREASURY DEPARTMENT
PROCUREMENT DIVISION
U.S. DEPARTMENT OF COMMERCE
PUBLIC BUILDINGS BRANCH
W. J. HANCOCK, ASSISTANT DIRECTOR OF PUBLIC BLDGS.
RICHARD J. COOK, CHIEF ARCHITECT
APPROVED
H. S. ROBINSON, T. C. BLOOMER
CHIEF ARCHITECT

HEATING

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HOUSTON, TEXAS.
NO. H-461



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



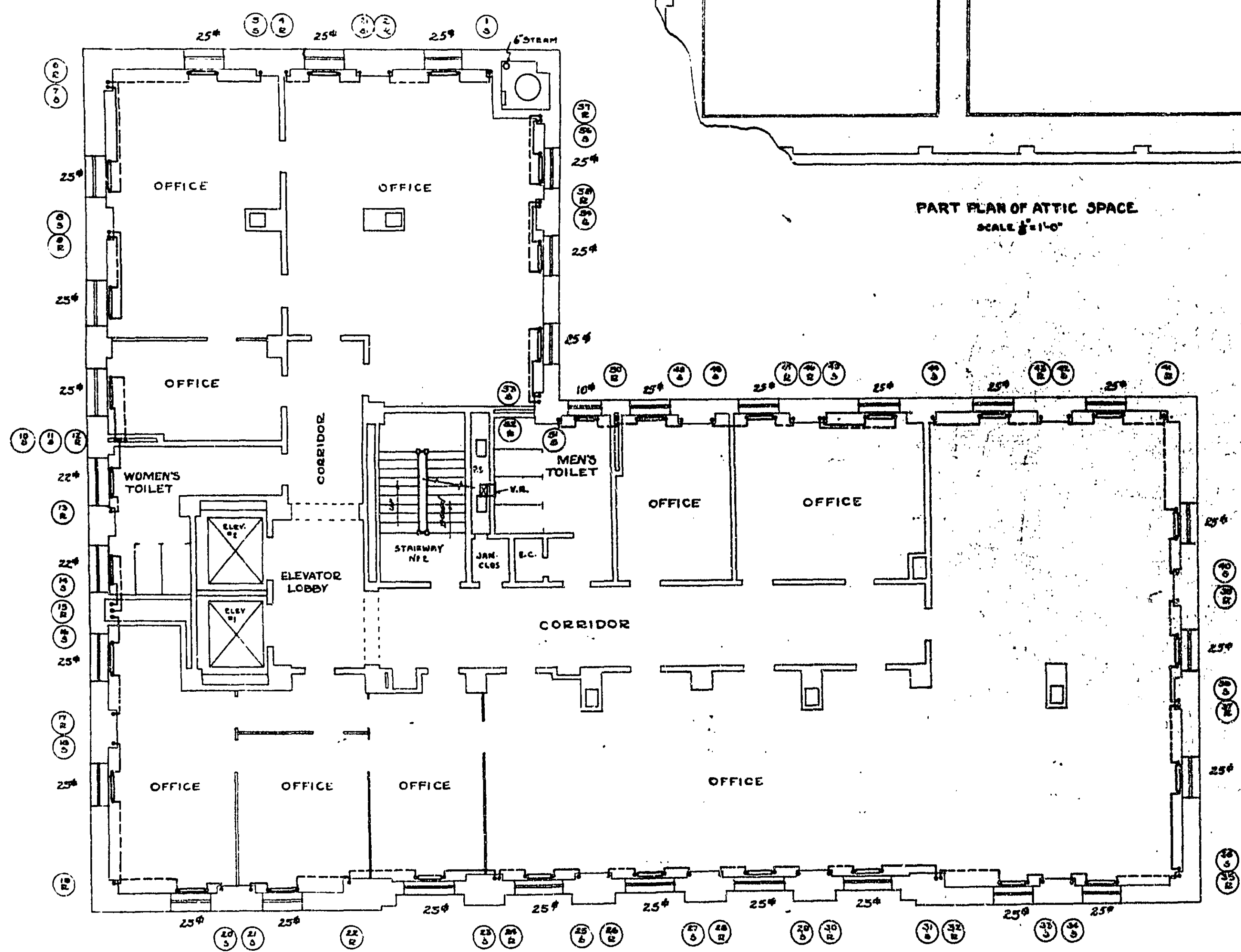
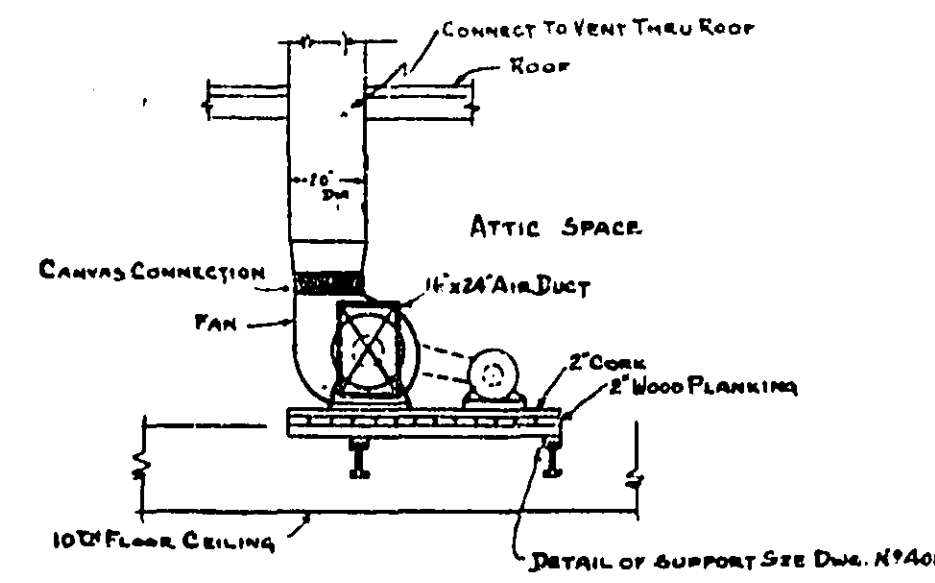
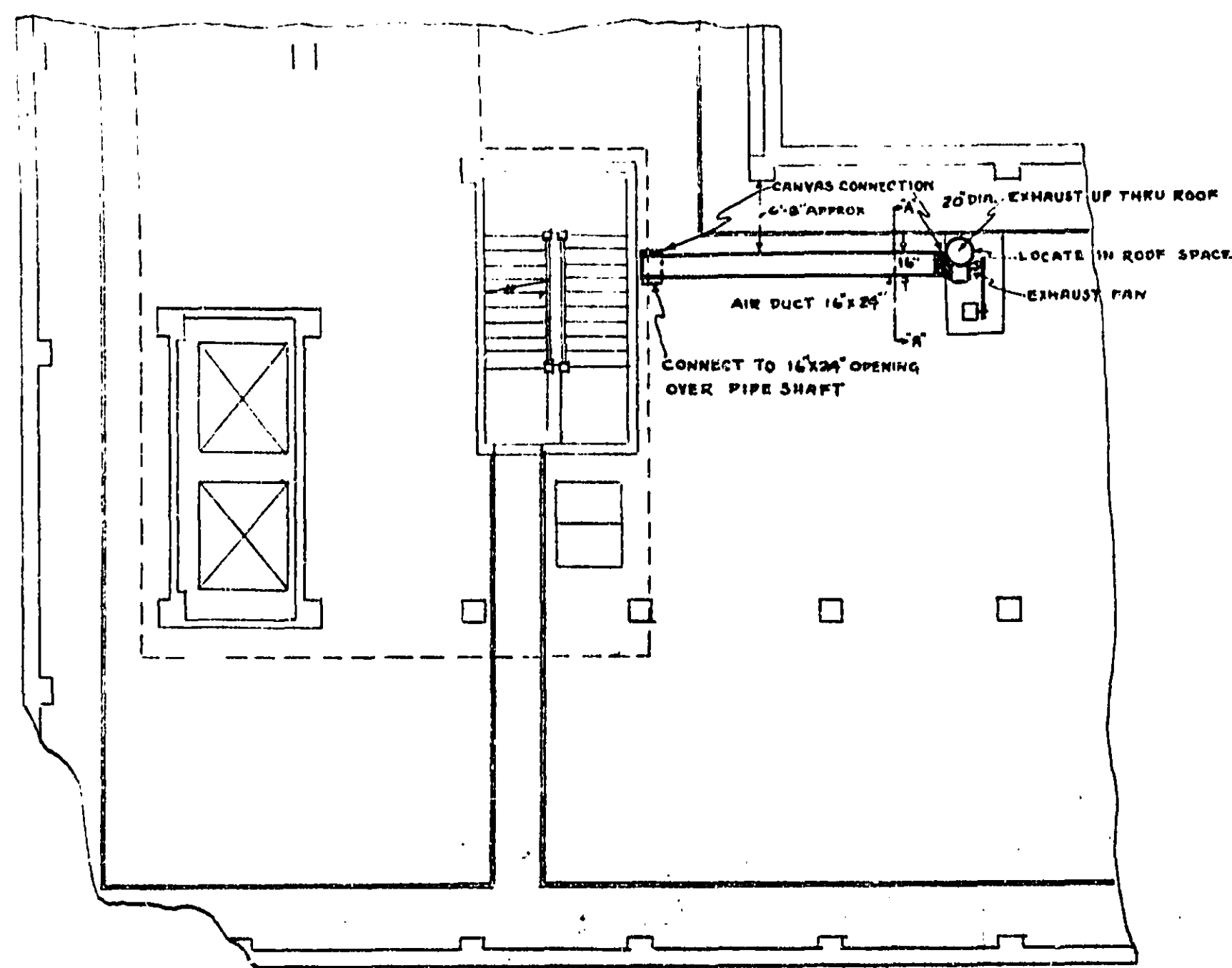
EIGHTH FLOOR PLAN
SCALE: 1/8" = 1'-0"

NOTES:
 ALL RADIATORS TO BE 3 TUBE 46" HIGH UNLESS OTHERWISE NOTED.
 ALL RADIATORS FROM RISES TO RADIATORS TO BE IN FLOOR FILL.
 WINDOWS, DOORWAYS AND PASSENGER UNDER WINDOWS RADIATORS ARE TO BE INSTALLED IN SAME.
 'V.A.' INDICATES VENT REGISTER, DO NOT TO BE SAME SIZE AS REGISTER.

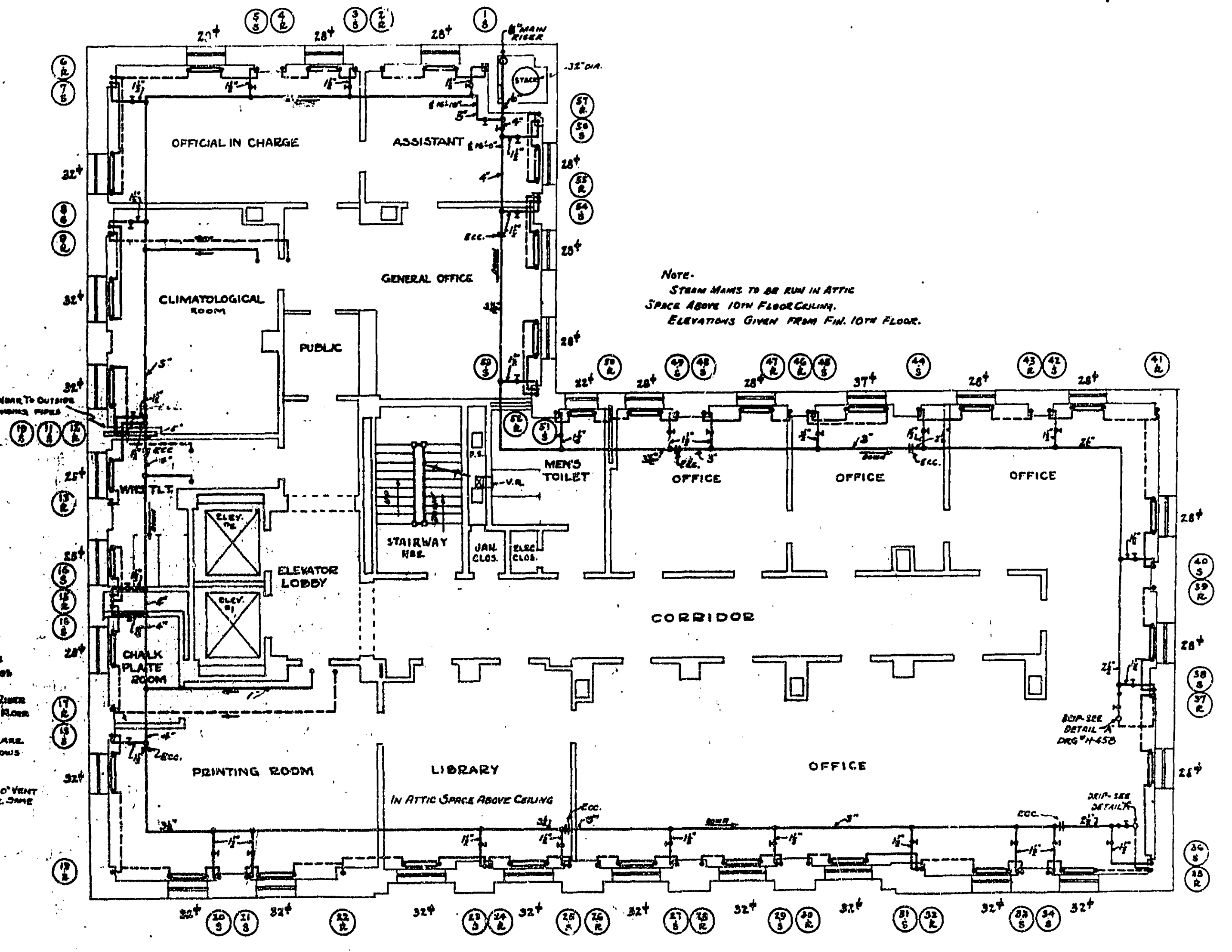
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 PUBLIC BUILDINGS BRANCH
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 HOUSTON, TEXAS
 No. H 462



NOTES:
ALL RADIATORS TO BE 3-TUBE 24" HIGH UNLESS OTHERWISE NOTED.
ALL RUNOUTS FROM RISES TO RADIATORS TO BE IN FLOOR FILL.
WHERE REESEALERS ARE PROVIDED UNDER WINDOWS RADIATORS ARE TO BE INSTALLED IN SHORE.
V.R. INDICATES 18" x 10" VENT REGISTERS, QUANT TO BE SHOWN AS IN REG. SPEC.



NOTE:
STEAM MAINS TO BE RUN IN ATTIC SPACE ABOVE 10TH FLOOR CEILING. ELEVATIONS GIVEN FROM FIN. 10TH FLOOR.

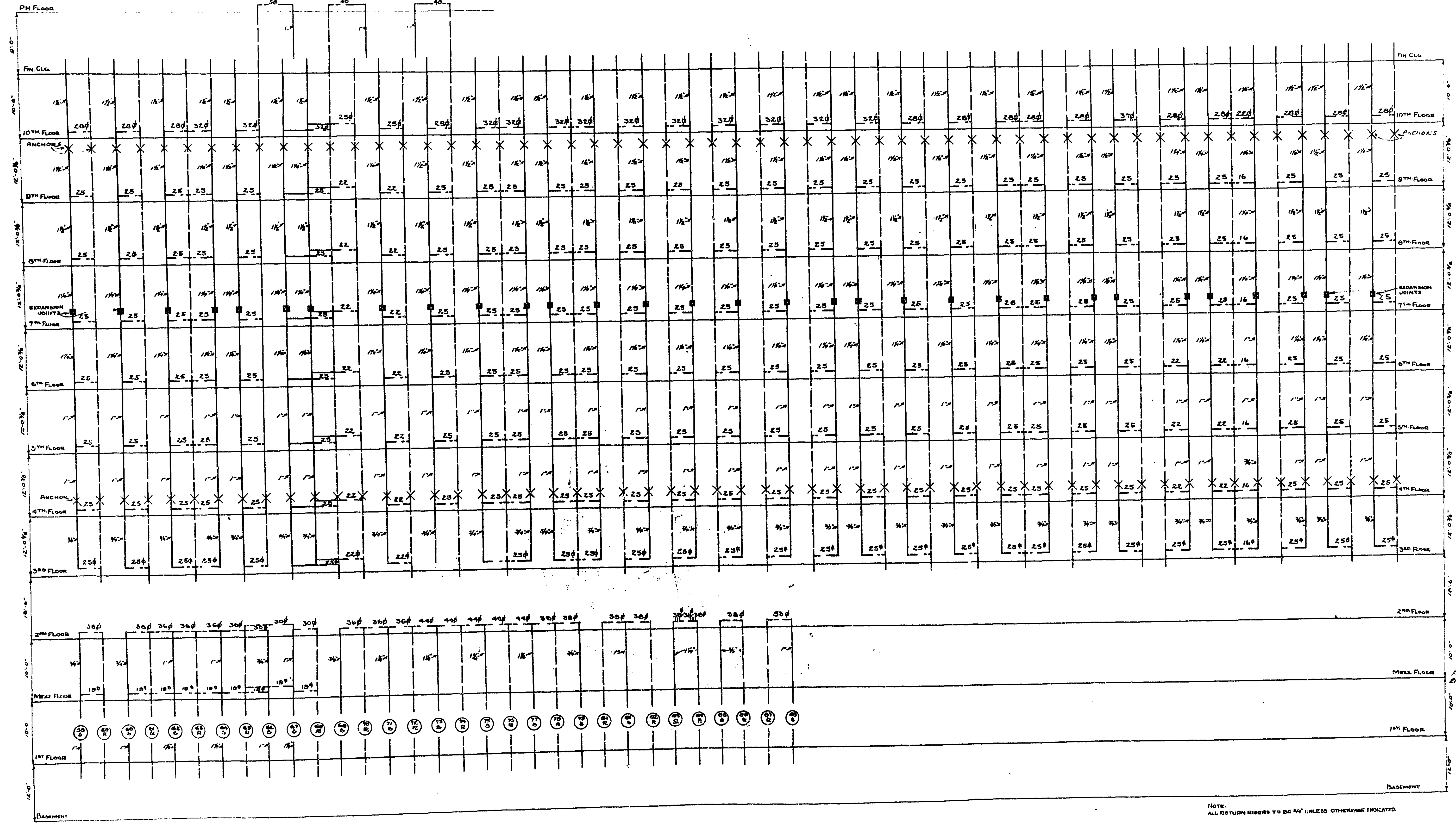
TREASURY DEPARTMENT
PROCUREMENT DIVISION
PUBLIC BUILDINGS BRANCH
W. L. B. ROLES AND CO. DIRECTOR OF PROCUREMENT
NORMAN A. MELICK
SUPERVISOR IN CHARGE

APPROVED
R. THOMPSON
T. C. BROOKS

HEATING & VENTILATING

FEDERAL OFFICE BLDG.
HOUSTON, TEXAS
HV-463

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100



NOTE (FOR 2ND FL TO 10TH FL INCL.)
 WHERE RECESSES ARE PROVIDED
 UNDER WINDOWS, RADIATORS
 ARE TO BE INSTALLED IN SAME.
 * INDICATES ANCHOR
 ■ INDICATES EXPANSION JOINT

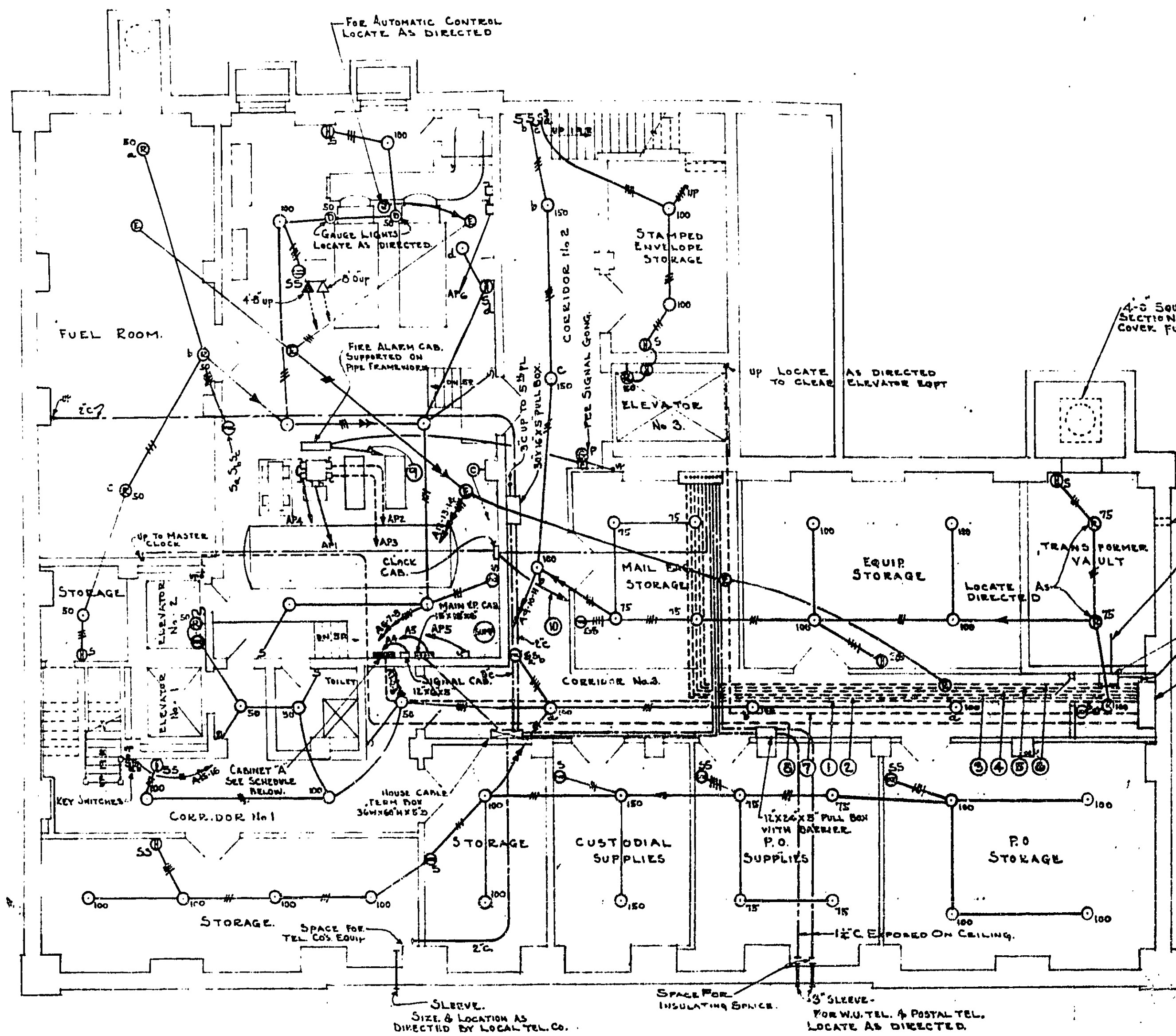
NOTE:
 ALL RETURN RISERS TO BE 3/4" UNLESS OTHERWISE INDICATED.

RISER DIAGRAM
 NO SCALE

HEATING

TREASURY DEPARTMENT
PROCUREMENT DIVISION
 U. S. DEPARTMENT OF THE TREASURY
PUBLIC BUILDINGS BRANCH
 W. F. REYNOLDS, ASSISTANT DIR. FOR PROCUREMENT
 LESLIE A. SHAW, CHIEF ARCHITECT
 NEAL G. MILLEK, SUPERVISING ENGINEER
APPROVED
 N. S. THOMPSON, Supt. of Buildings
 J. C. BROOKS, Supt. of Mechanical Engineering

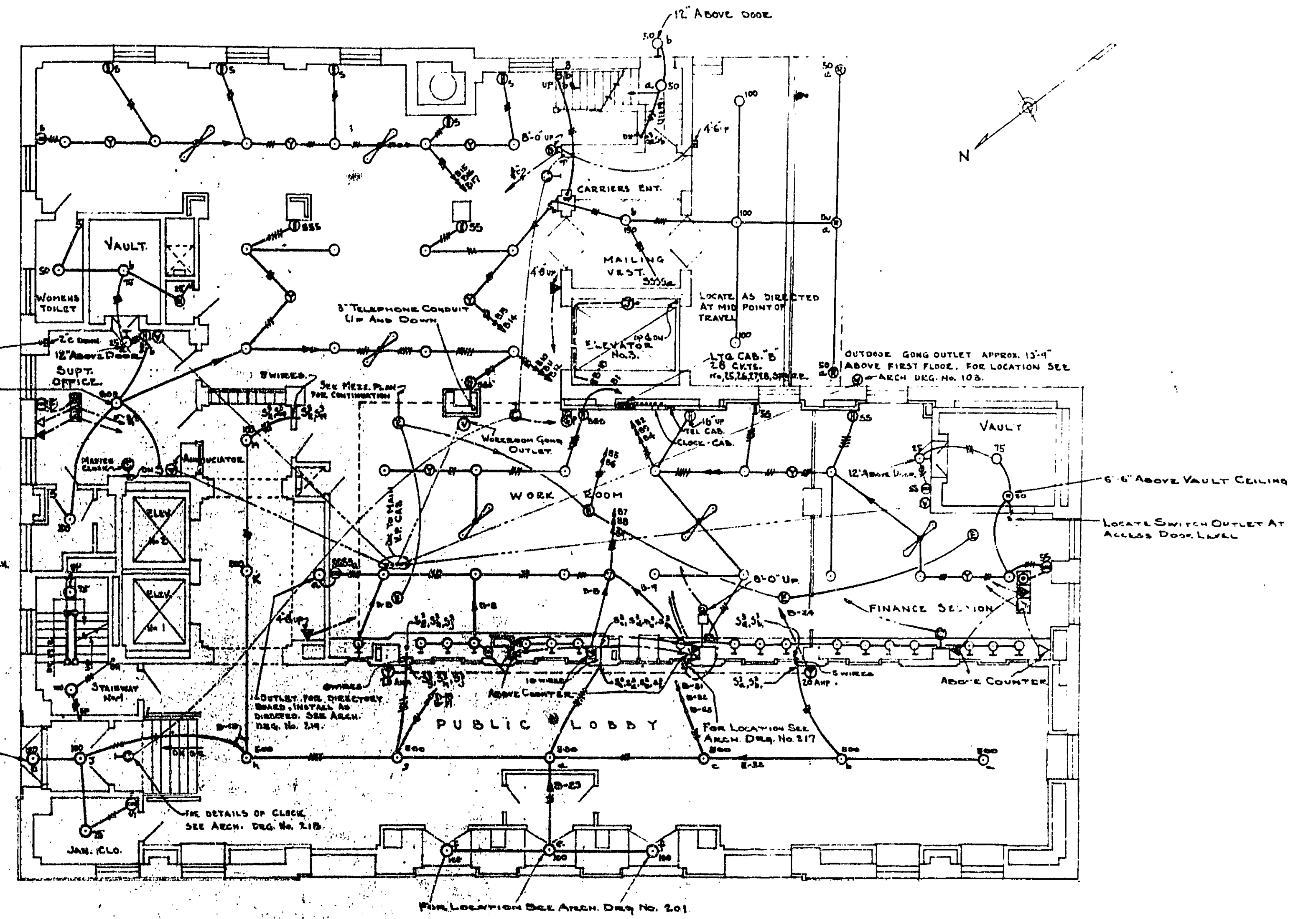
BUILDING FEDERAL OFFICE BLDG.
 CITY HOUSTON, TEXAS.
 DRAWN BY J.L.L. DATE 1-19-37
 CHECKED BY J.L.L. DATE 1-19-37
 DRAWING No. H-464



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

DISTRIBUTION PANEL SCHEDULE					
PANEL OR EQUIPMENT	BREAKER TRIP ELEMENT SIZE	WIRE SIZE	COND. SIZE	REMARKS	
① CABINET A	225 AMP 3P FRAME 225 AMP T.E.	3-NO. 4/0	2 1/2"	SEE SCHEDULE THIS DEPT.	
② D	100 " " " 90 " " "	4 No. 2	1 1/2"		
③ C	100 " " " 100 " " "	4 No. 1	1 1/2"		
④ D, E, F	225 " " " 200 " " "	4-2000000CH	2 1/2"		
⑤ G, H, J	225 " " " 200 " " "	"	2 1/2"		
⑥ K, L	225 " " " 175 " " "	4-NO. 3/6	2 1/2"	SEE SCHEDULE DEPT. NO.	
⑦ FREIGHT ELEV.	50 " " " 50 " " "	3-NO. 6	1 1/2"		
⑧ PASS.	600 " " " 400 " " "	3-2000000CH	3"		
SPARE	50 " " " 50 " " "	"	"		
SPARE	100 " " " 100 " " "	"	"		
3 SPACES FOR	100 " " BREAKERS	"	"		
⑨ FIRE ALARM CAB.	50 " " " FRAME 20 " " "	3-NO. 12	1 1/2"	SEE NOTE, DRAWING	
⑩ CLOCK CAB.	50 " " " 20 " " "	2-NO. 12	1 1/2"		

NOTE: FIRE ALARM CAB. INSTALL 2 BREAKERS ON DIFFERENT PHASES FOR CONSTANT POWER SUPPLY. SEE SPECS.



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

SCHEDULE OF CABINET "A"					
CIR. NO.	BREAKER SIZE & TRIP ELEMENT	WIRE SIZE	COND. SIZE	REMARKS	
A1 TO A20	1P-150Y 15A CIR. BKE 15A TRIP EL.	"	"	A-17-18-19-20 SPARE.	
AP 1	3P-150Y 50A " " 25A " " "	50 A 3 No. 12	3"	AIR COMPRESSOR	
AP 2	" " 100 A " " 90 A " " "	100 A 3 No. 4	1 1/2"	WATER PUMP	
AP 3	" " 100 A " " 90 A " " "	100 A 3 No. 4	1 1/2"	"	
AP 4	" " 50 A " " 25 A " " "	TWO 50 A 3 No. 12	3"	VACUUM PUMP	
AP 5	" " 50 A " " 15 A " " "	50 A 3 No. 12	3"	SUMP PUMP	
AP 6	" " 50 A " " 15 A " " "	TWO 50 A 3 No. 12	3"	OIL BURNERS.	

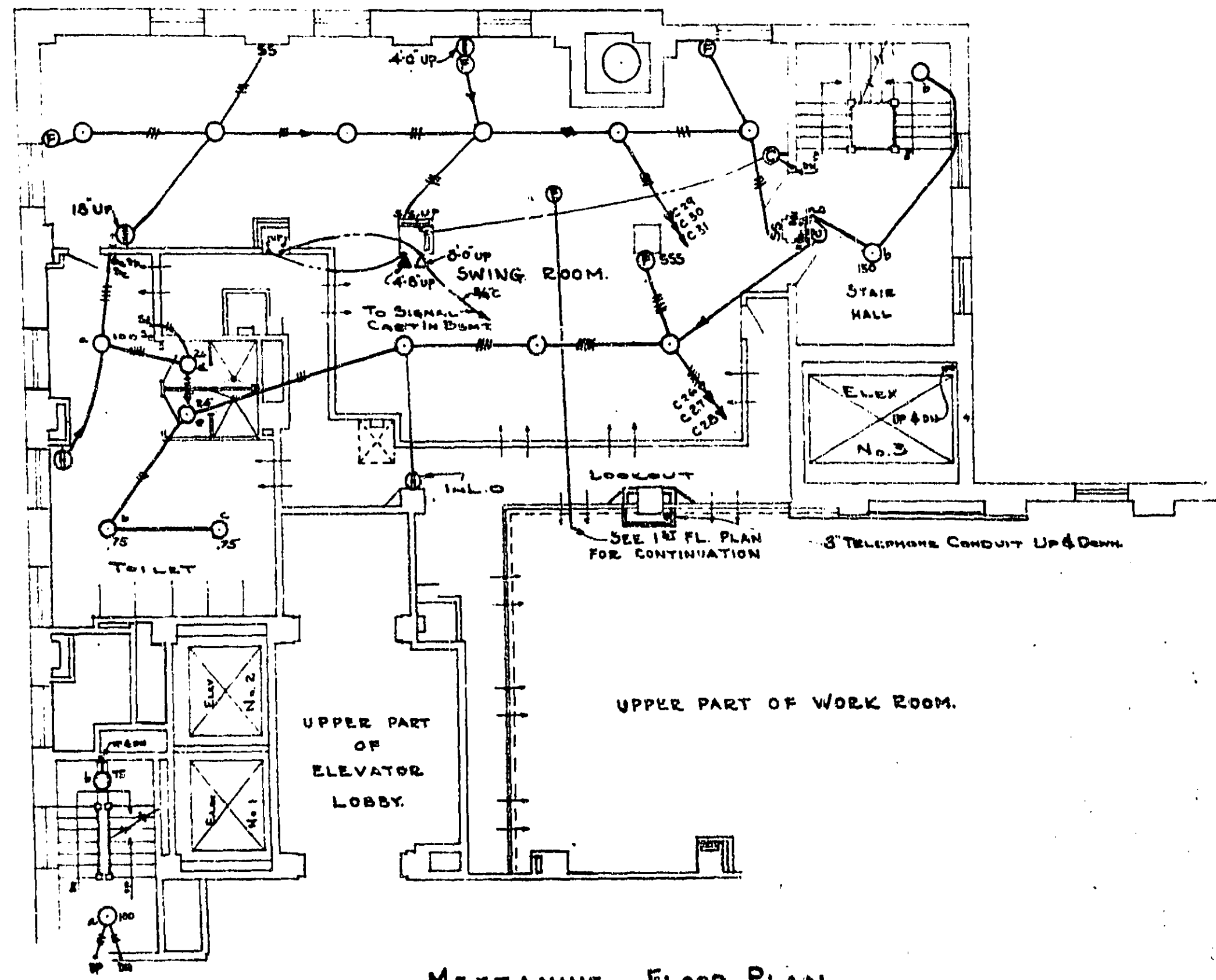
ELECTRICAL NOTES.
ALL CEILING OUTLETS ARE 200WATTS UNLESS OTHERWISE NOTED.
SCREEN OUTLETS ARE TO BE 25WATTS EACH.
SWITCHES LOCATED ON SCREEN ARE TO BE 4'-6" ABOVE FLOOR.
FOR VAULT DETAILS SEE MISC. DRG. NO. 311G.

- ELECTRICAL SYMBOLS (FOR ADDITIONAL SYMBOLS SEE MISC. DRG. NO. 311 G.)**
- Ⓜ FIRE ALARM STATION 5'-0" UP & GONG 8'-0" UP ON WALL.
 - SAFETY SWITCH.
 - 2-WAY - UNDER FLOOR DUCT RUN IN FLOOR FILL
 - 2-WAY - " " " FLOOR BOX
 - 1/2" FROM " " " TO WALL SIGNAL OUTLET
 - SINGLE " " " RUN IN FILL TO TEL. CABINET
 - Ⓢ PRE-SIGNAL GONG.
 - Ⓢ CLOCK OUTLET ONLY - INSTALL BLANK COVER.

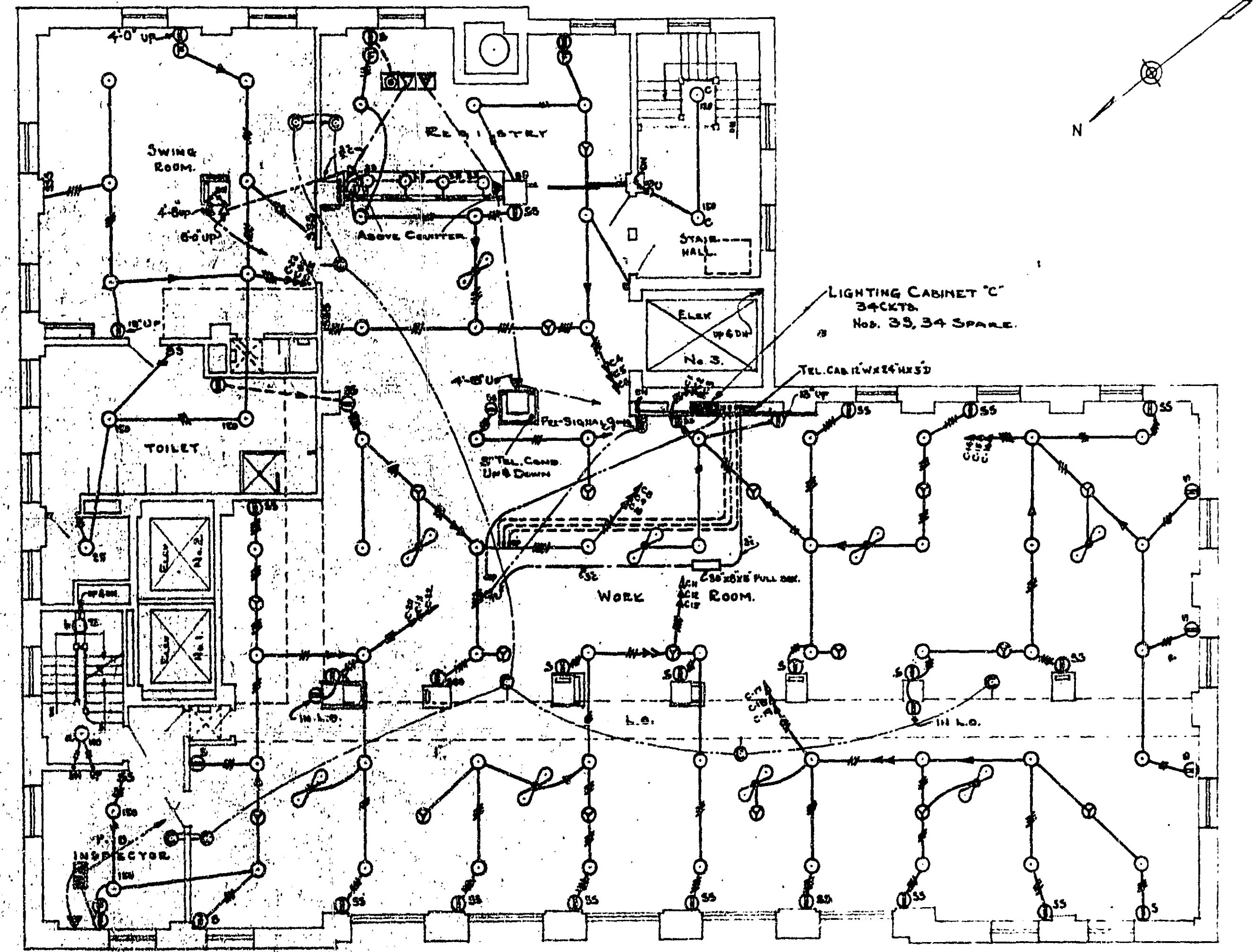
CONDUIT AND LIGHTING

FEDERAL OFF BLDG.
HOUSTON, TEXAS.
C.M.C.
C.W. BOGAN 1-15-37

CL-465



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



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

NOTE:
FOR GENERAL NOTES AND
SYMBOLS SEE DRG. NO. CL-465

TREASURY DEPARTMENT
PROCUREMENT DIVISION

PUBLIC BUILDINGS BRANCH

W. E. BURNETT, ASSISTANT DIRECTOR OF PROCUREMENT
GEORGE J. SUTHERLAND, CHIEF OF BRANCH
MILTON A. MELICK, ASSISTANT CHIEF OF BRANCH

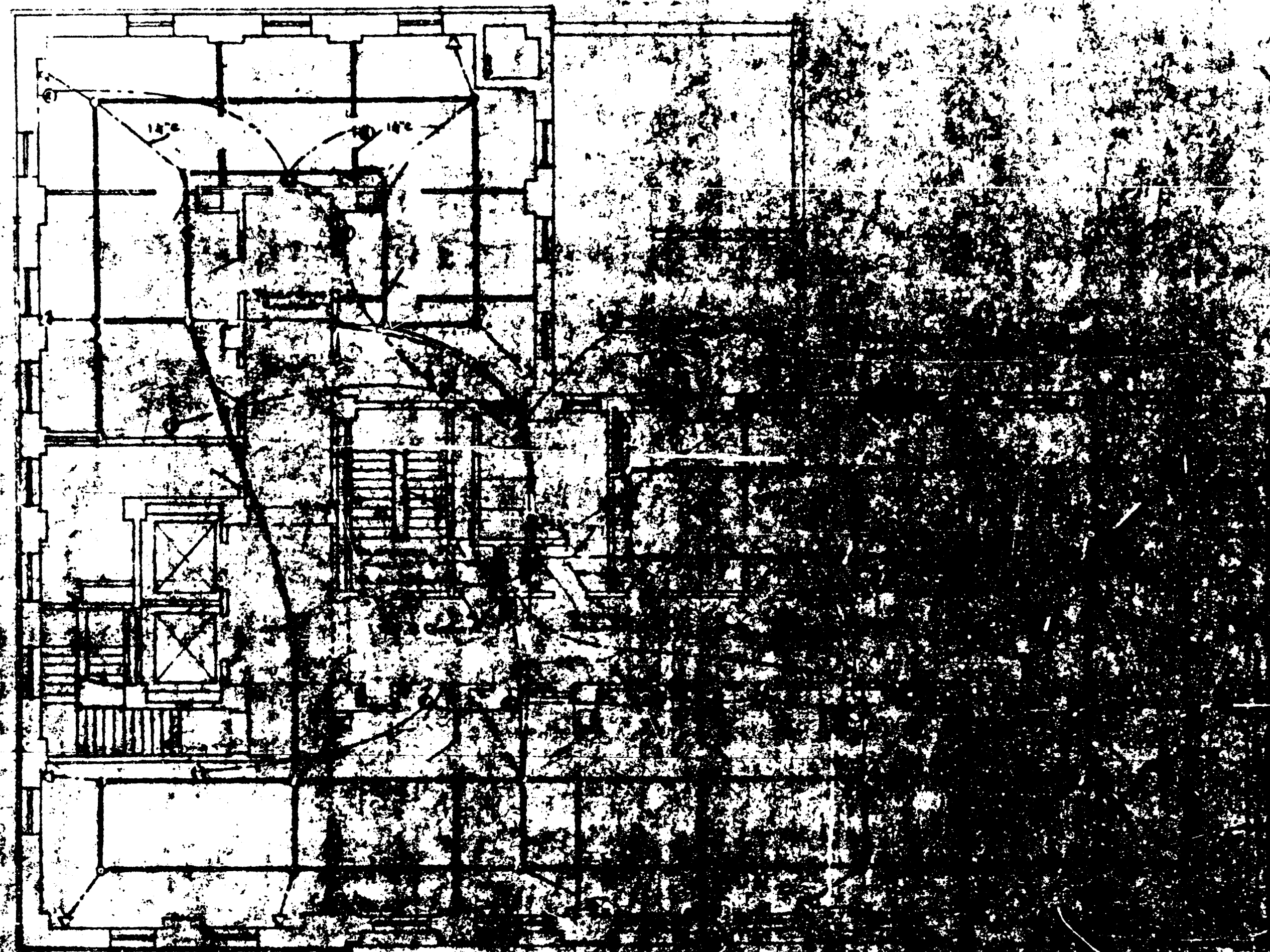
APPROVED

L. C. BROWN, JR.
ELECTRICAL ENGINEER

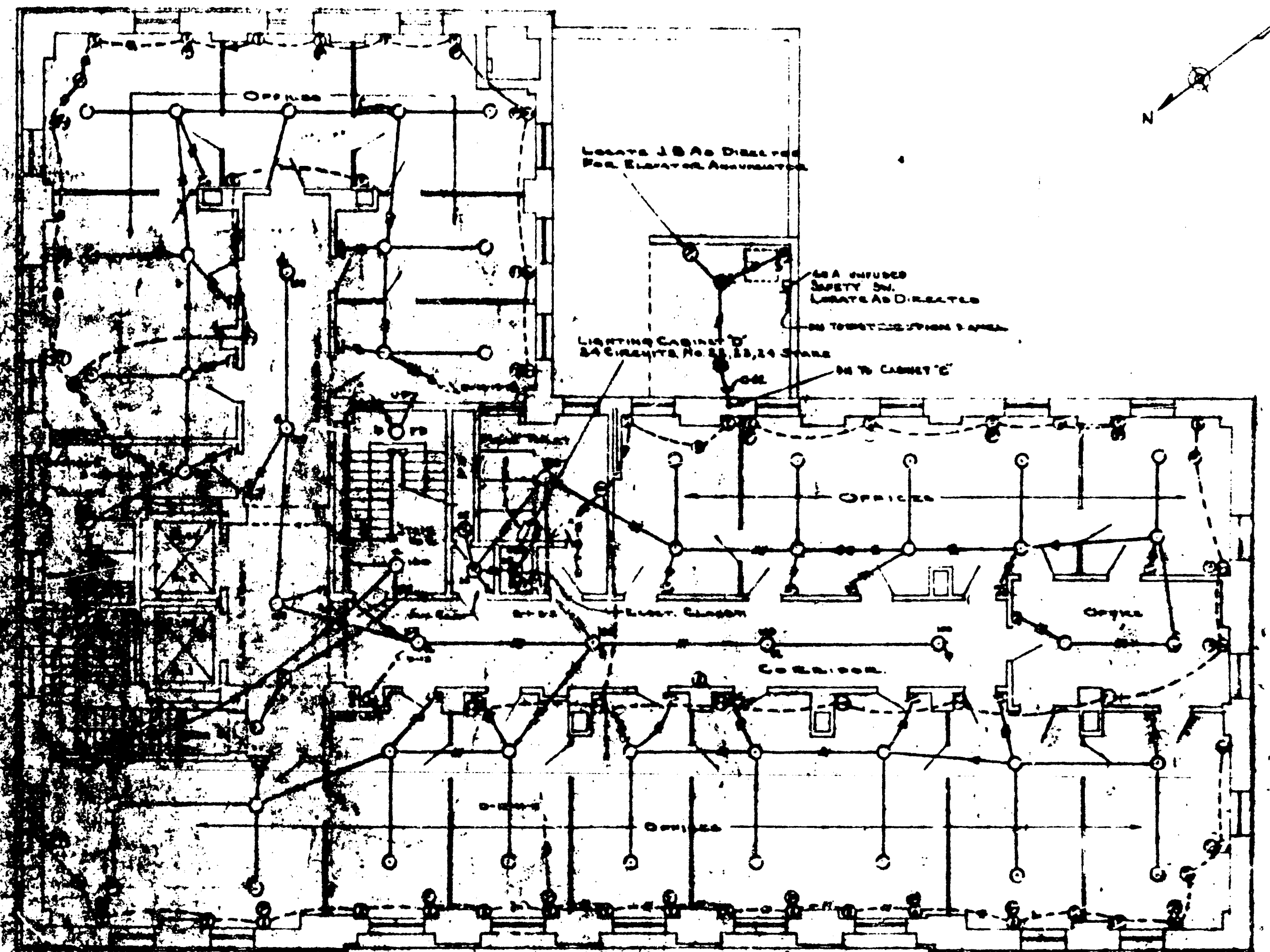
CONDUIT AND LIGHTING

FEDERAL OFFICE BLDG.
HOUSTON, TEXAS.
E. W. BOGAN, 1-15-37

CL-466



2ND FLOOR PLAN

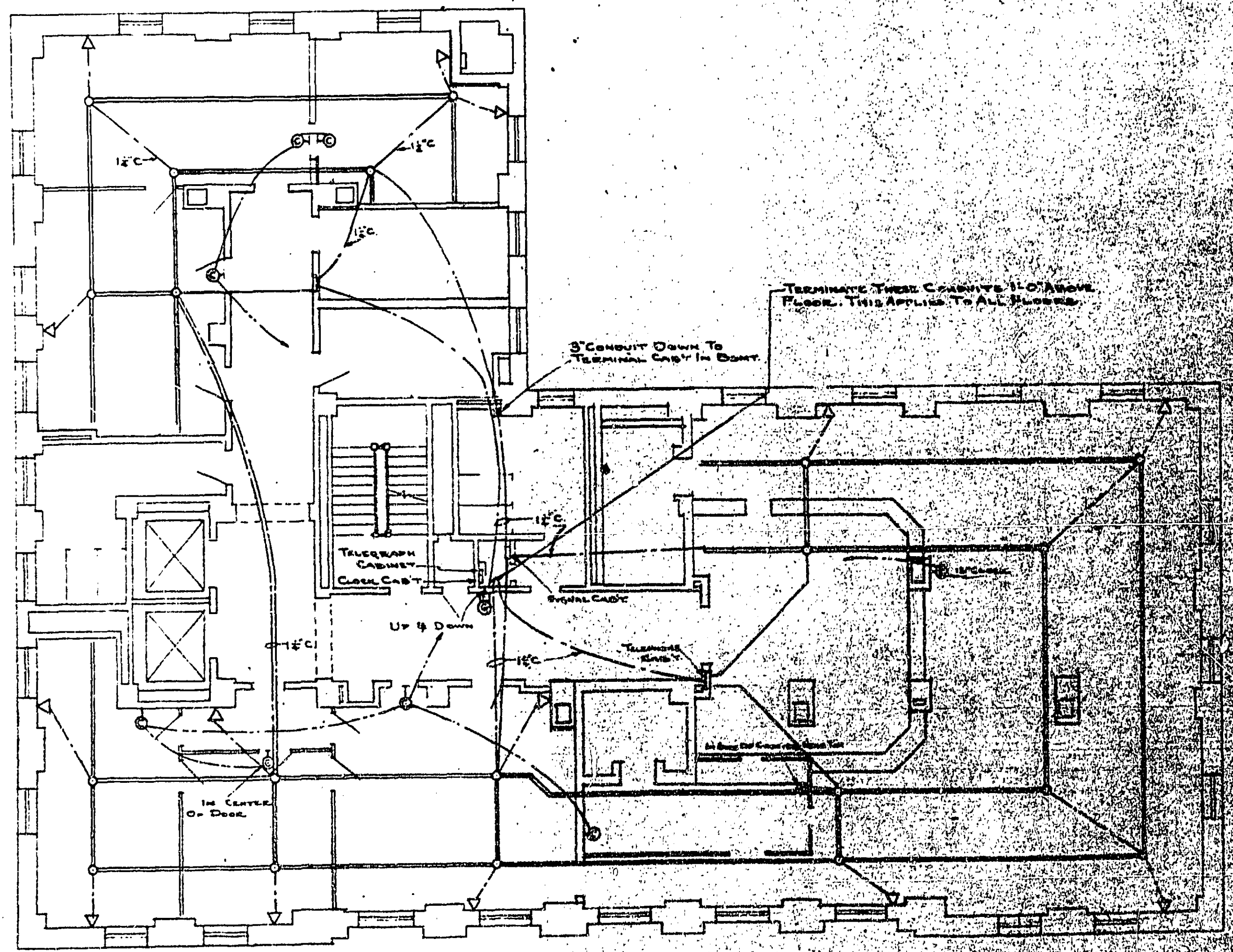


THIRD FLOOR PLAN
SCALE 1/8" = 1'-0"

NOTE:
SEE GENERAL NOTES FOR
SPECIAL CASE DATA NO. CU-4152

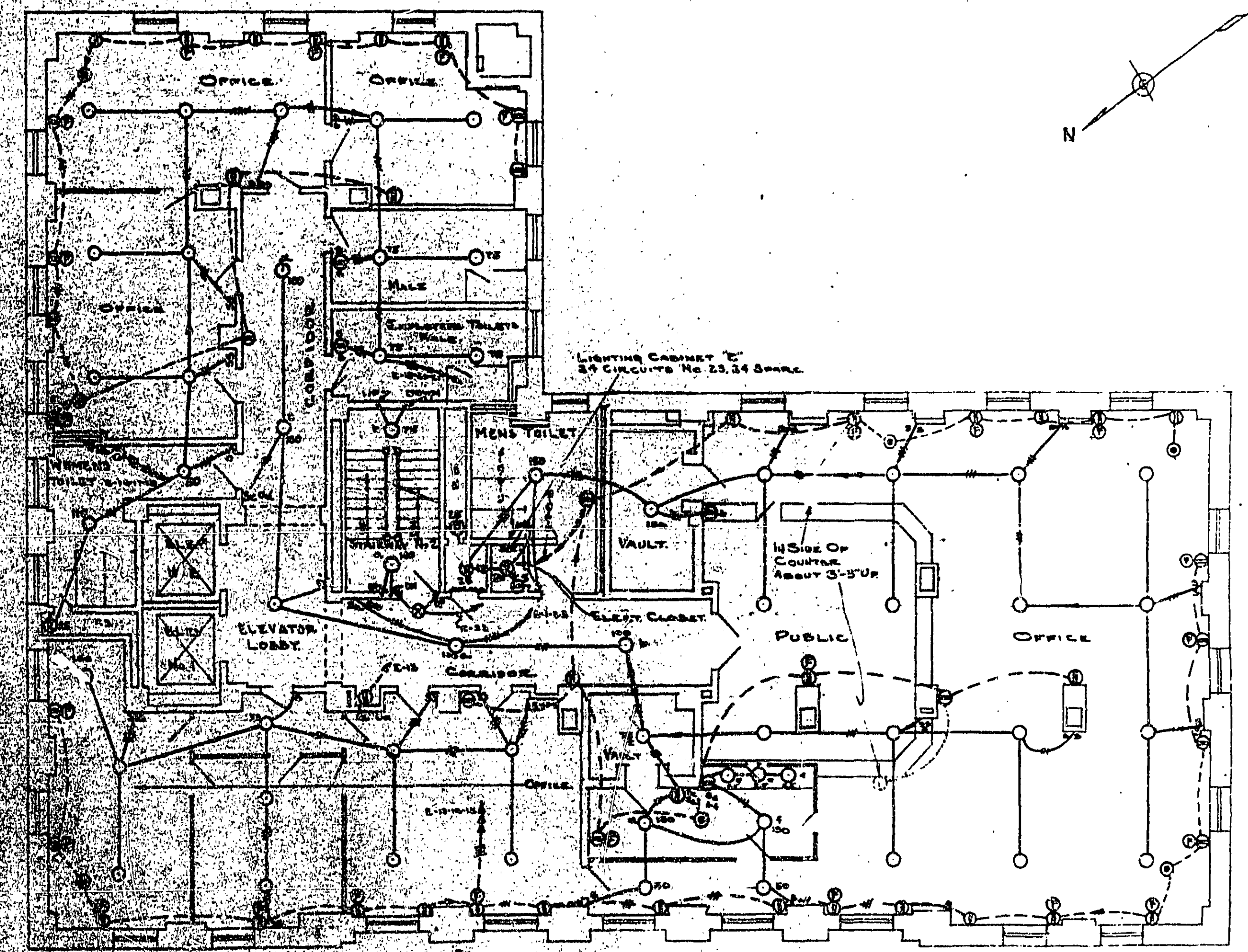
CONDUIT AND LIGHTING

FEDERAL OFF. BLDG.
HOUSTON, TEXAS.
E. W. MORGAN
1-18-57
NoCL-467



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

UNDERFLOOR DUCT & LOW TENSION SYSTEMS



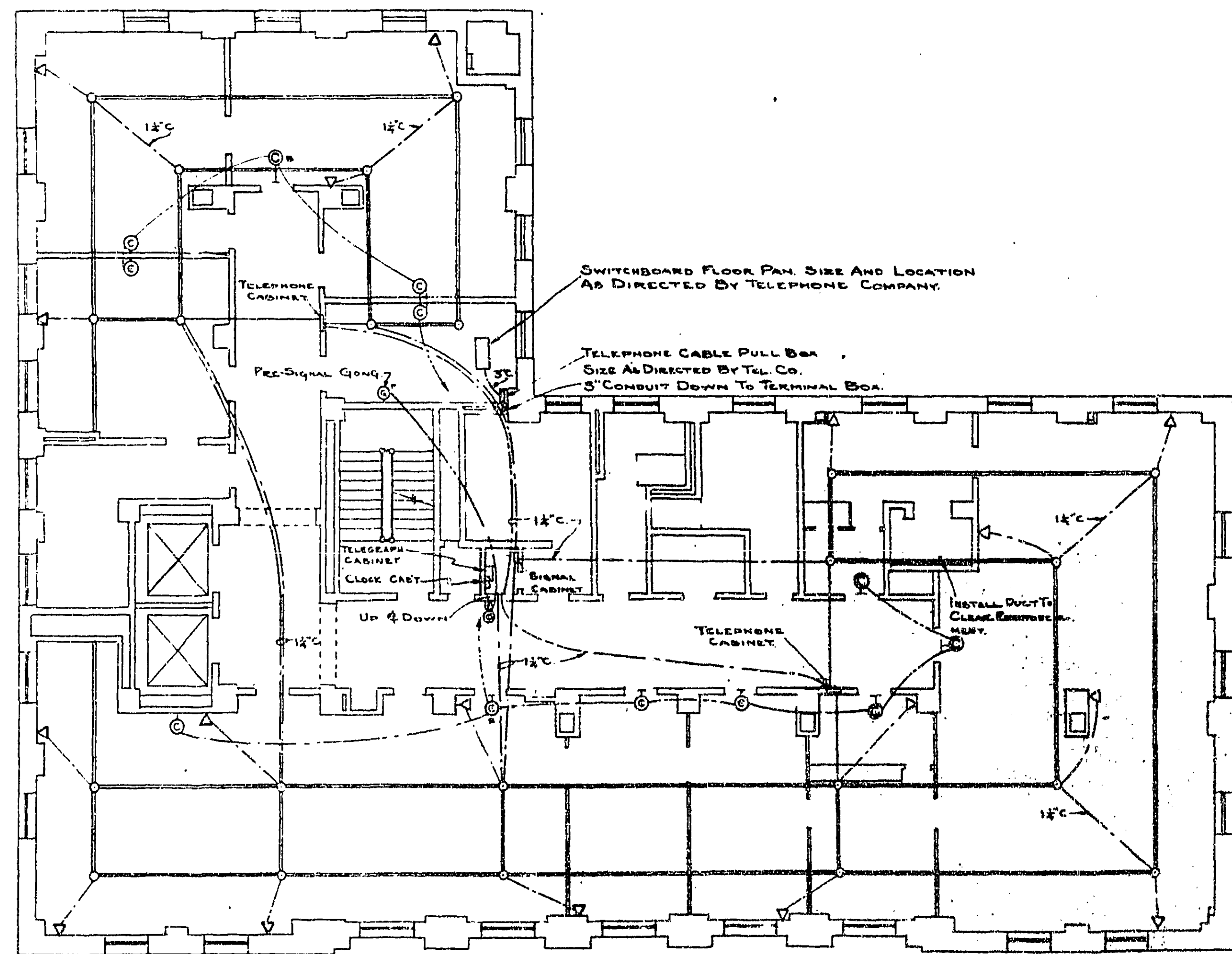
FOURTH FLOOR PLAN
SCALE: 1/8" = 1'-0"

NOTES
FOR GENERAL NOTES AND
SYMBOLS SEE DRG. NO. CL-465.

TREASURY DEPARTMENT
PROCUREMENT DIVISION
PUBLIC BUILDINGS BRANCH
APPROVED
N. S. THOMPSON
E. C. BROOKS

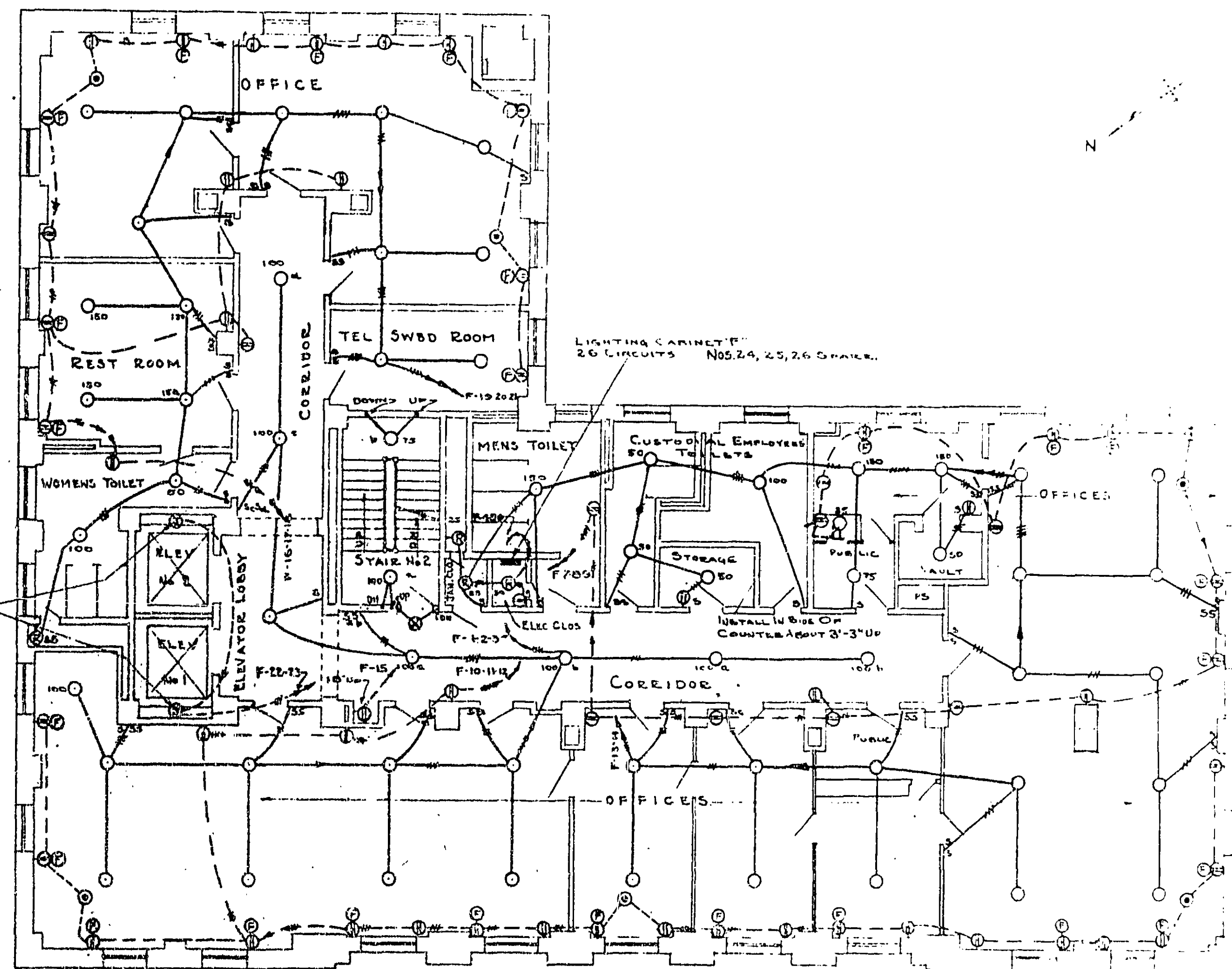
CONDUIT AND LIGHTING

BUILDING FEDERAL OFF. BLDG.
CITY, HOUSTON, TEXAS
DRAWN BY: C.W.B. DATE: 10-8-37
CHECKED BY: G.W.S. DATE: 10-21-37
DRAWING NO. CL-468 A



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

UNDERFLOOR DUCT & LOW TENSION SYSTEMS.



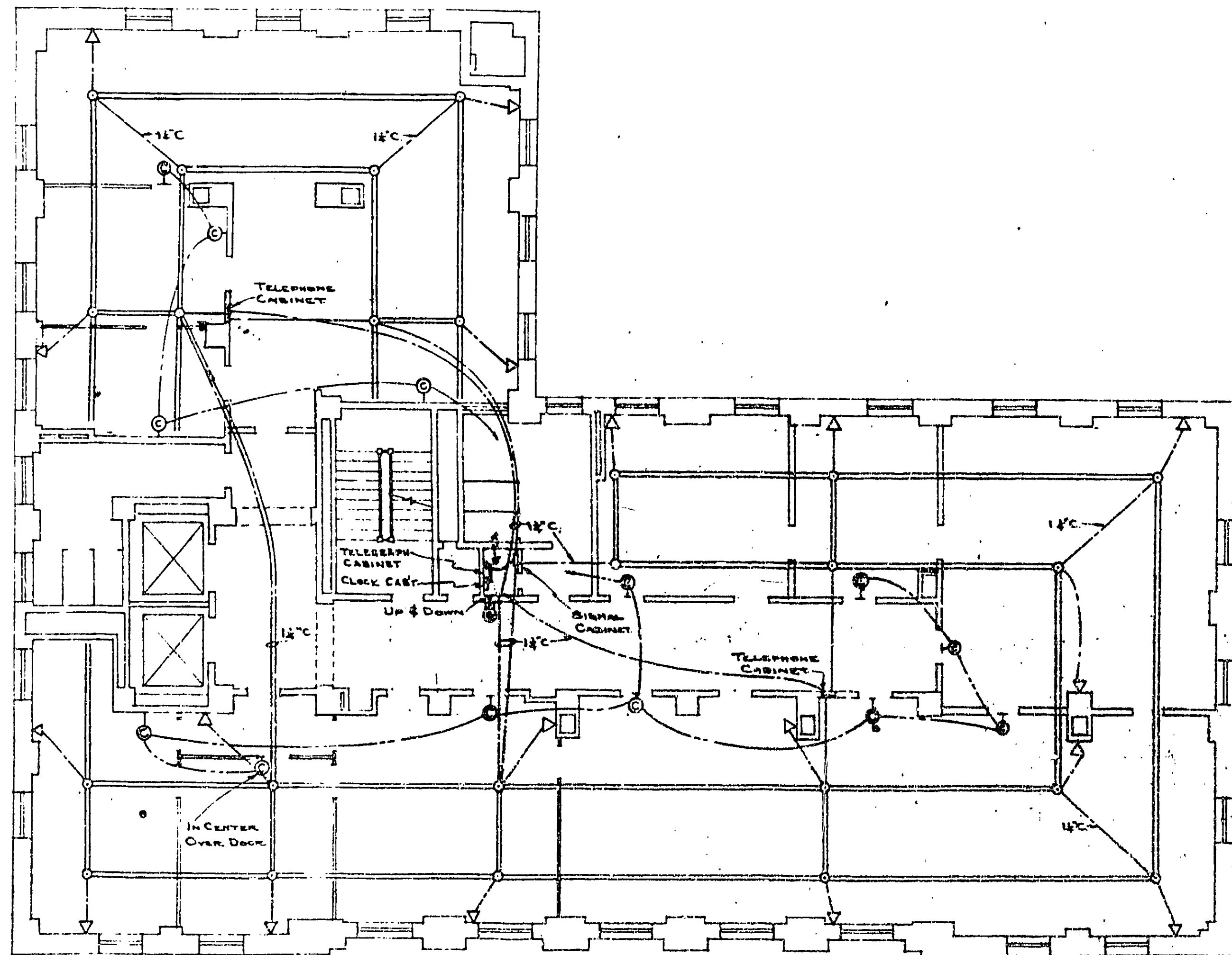
FIFTH FLOOR PLAN
SCALE: 1/8" = 1'-0"

NOTE:
FOR GENERAL NOTES AND
SYMBOLS SEE LIST ON CL 411.

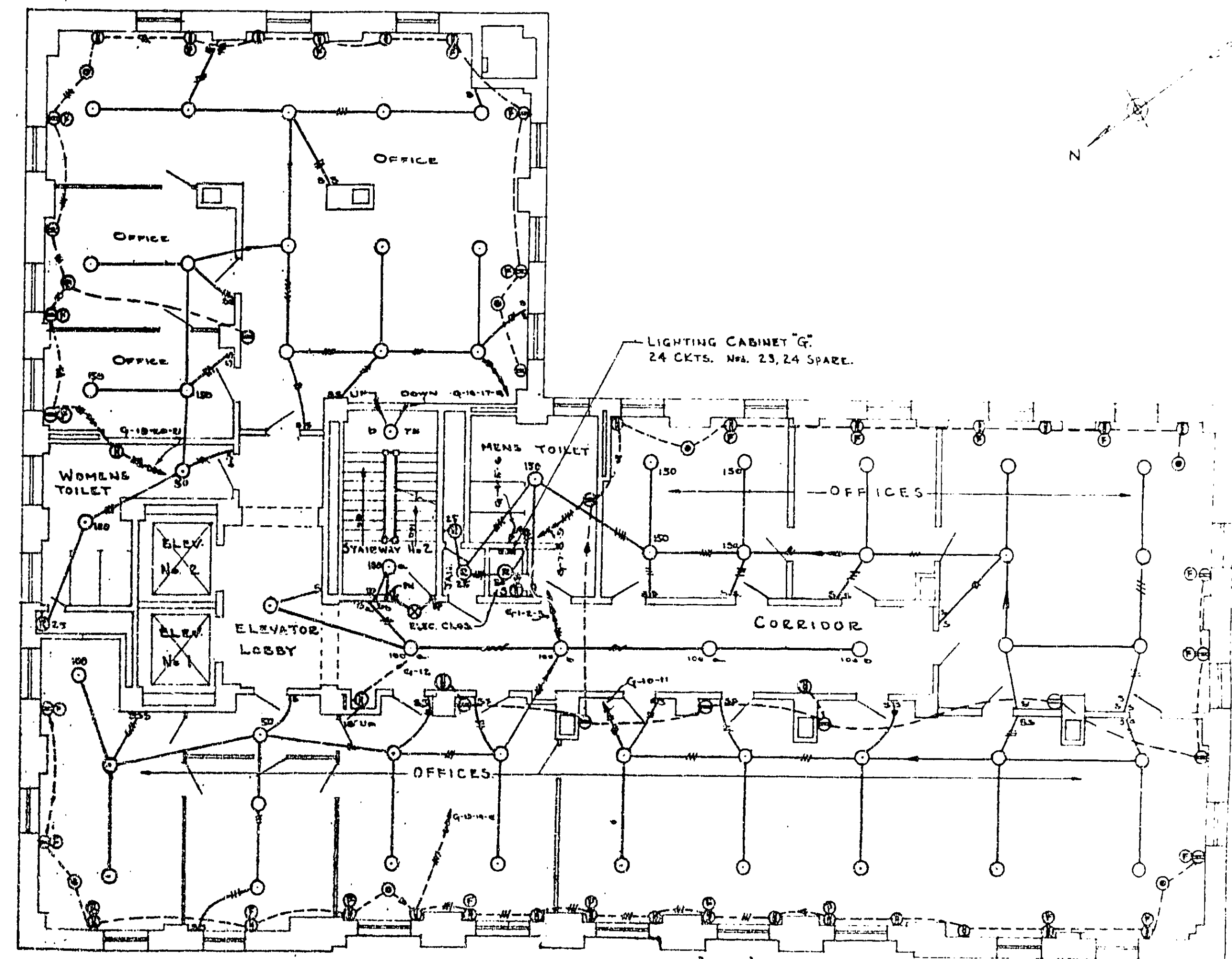
TREASURY DEPARTMENT
PROCUREMENT DIVISION
FEDERAL BUREAU OF INVESTIGATION
PUBLIC BUILDINGS BRANCH
W. E. FLYNN, CHIEF OF BRANCH
LOUIS A. SIMON, SUPERVISOR
APPROVED
DATE: 10/24/57
BY: [Signature]

CONDUIT AND LIGHTING

FEDERAL OFF. BLDG.
CITY: HOUSTON, TEXAS
DRAWN BY: C.W.B. DATE: 10/24/57
CHECKED BY: [Signature] DATE: 10/24/57
DRAWING NO. CL-469 A



SIXTH FLOOR PLAN
SCALE-1/8"=1'-0"
UNDERFLOOR DUCT & LOW TENSION SYSTEM.



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

NOTE:
FOR GENERAL NOTES AND
SYMBOLS SEE DRG. NO. CL-465

CONDUIT AND LIGHTING

TREASURY DEPARTMENT
PROCUREMENT DIVISION

C. J. CARPIS, CHIEF OF PROCUREMENT

PUBLIC BUILDINGS BRANCH

W. T. BEYBOLD, ASSISTANT DIRECTOR OF PROCUREMENT

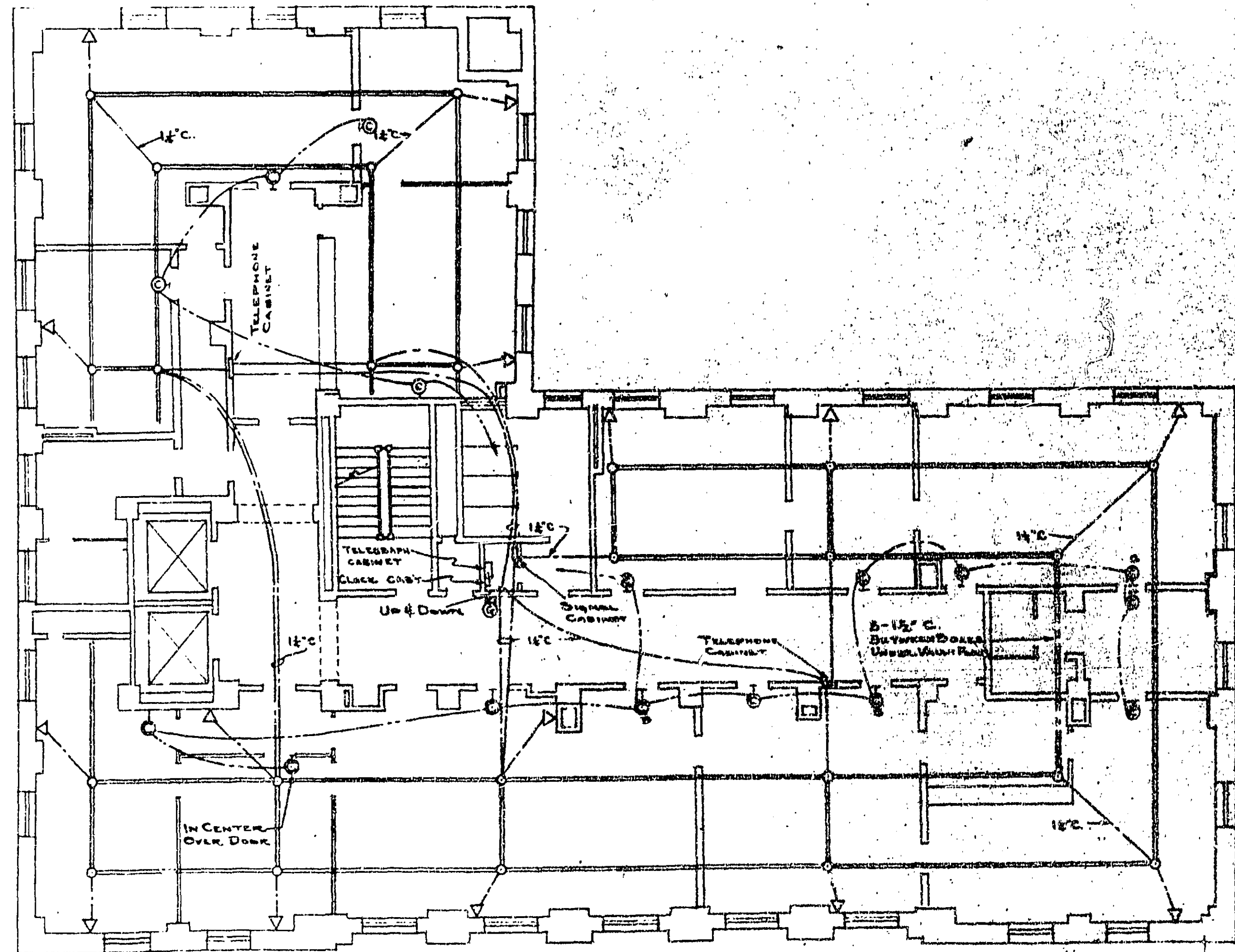
LOUIS A. SIMON, ARCHITECT

NEAL A. MELICK, SUPERVISING ENGINEER

APPROVED

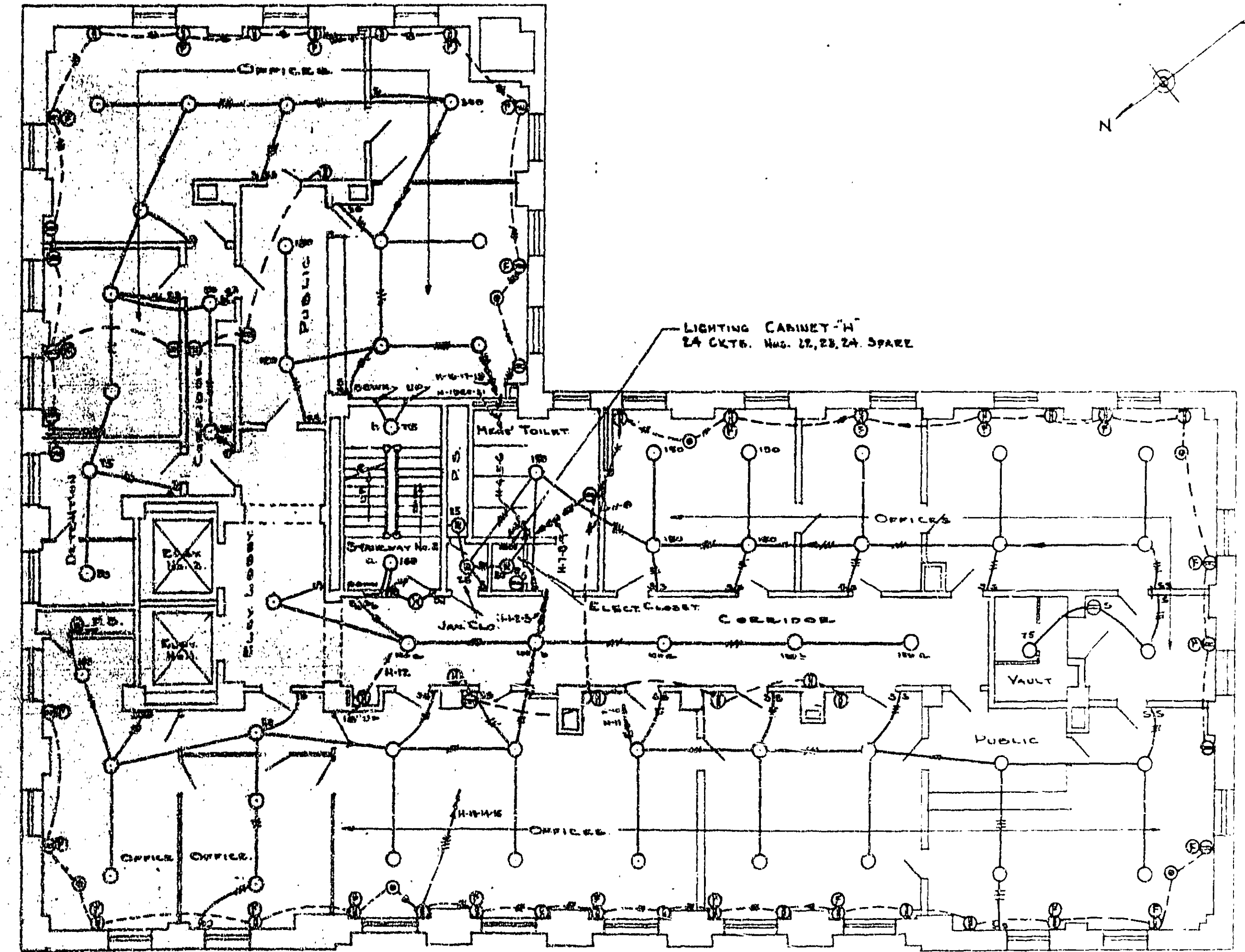
W. G. NOLL, N. S. THOMPSON, T. C. BROOKS
S. J. OF NE. FEDERAL ENGINEERING

FEDERAL OFF. BLDG.
CITY HOUSTON, TEXAS
DRAWN BY C.W.S. DATE 10/10/34
CHECKED BY G.H.E. DATE 10/10/34
DRAWING NO. CL-470A



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

UNDERFLOOR DUCT & LOW TENSION SYSTEM.



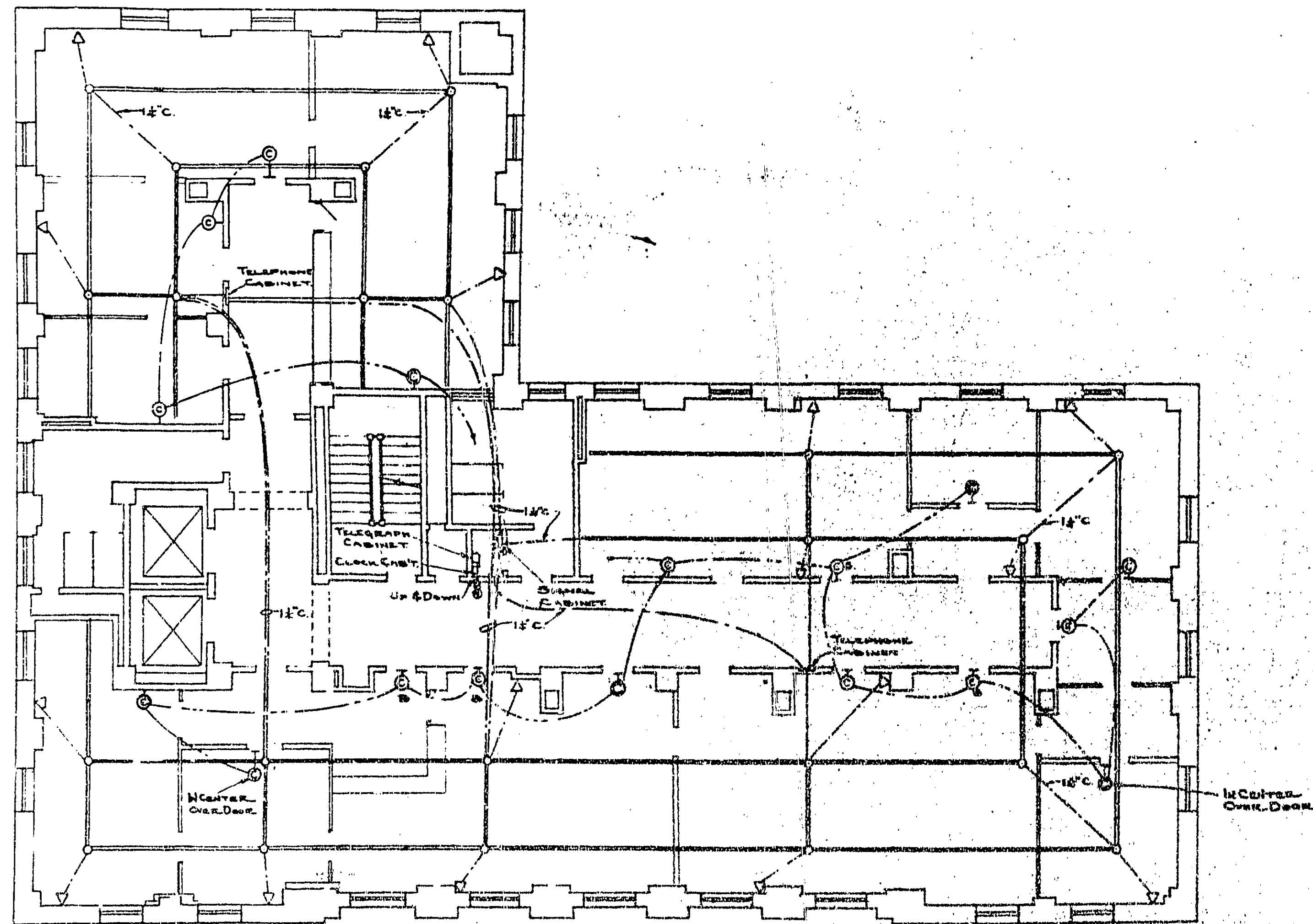
SEVENTH FLOOR PLAN
SCALE-1/8"=1'-0"

NOTE -
FOR GENERAL NOTES AND
SYMBOLS SEE DRG. NO. CL-465

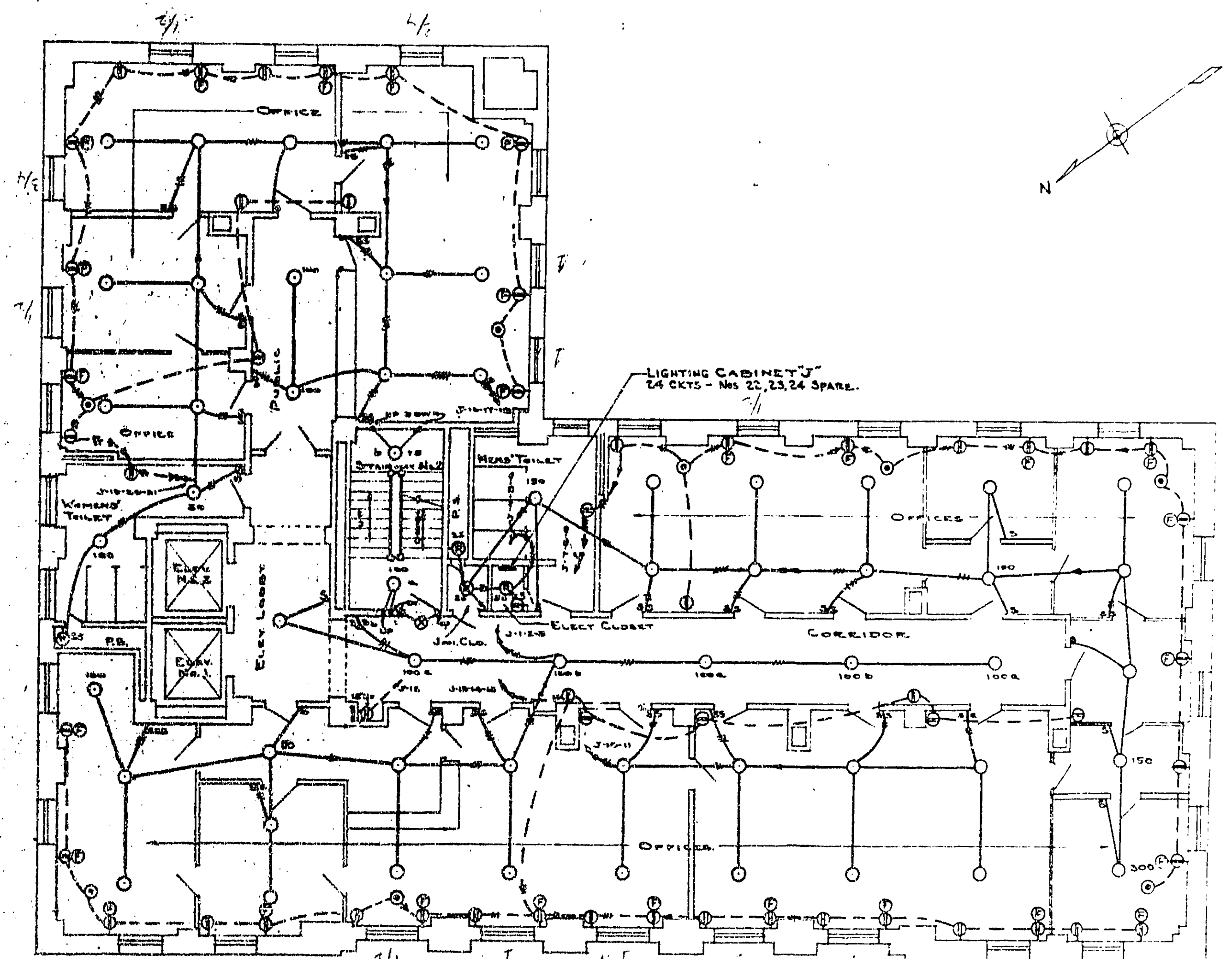
CONDUIT AND LIGHTING

TREASURY DEPARTMENT
PROCUREMENT DIVISION
U. S. GOVERNMENT PRINTING OFFICE
PUBLIC BUILDINGS BRANCH
W. E. HENNING, ASSISTANT DIRECTOR OF PROCUREMENT
SEAL & SIGNATURE
SUPERVISING ARCHITECT
APPROVED
M. J. THOMPSON
SUPERVISOR OF
ENGINEERING

U.S. FEDERAL OFF. BLDG.
CITY HOUSTON, TEXAS.
DRAWN BY C.W.B. DATE 10-2-34
CHECKED BY S.V.P. DATE 12-12-34
DRAWING NO. CL-471 A



EIGHTH FLOOR PLAN
 SCALE: 1/8" = 1'-0"
 UNDERFLOOR DUCT & LOW TENSION SYSTEM



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

NOTE -
 FOR GENERAL NOTES AND
 SYMBOLS SEE DRG No CL 465

TREASURY DEPARTMENT
 PROCUREMENT DIVISION
 U. S. GOVERNMENT PRINTING OFFICE

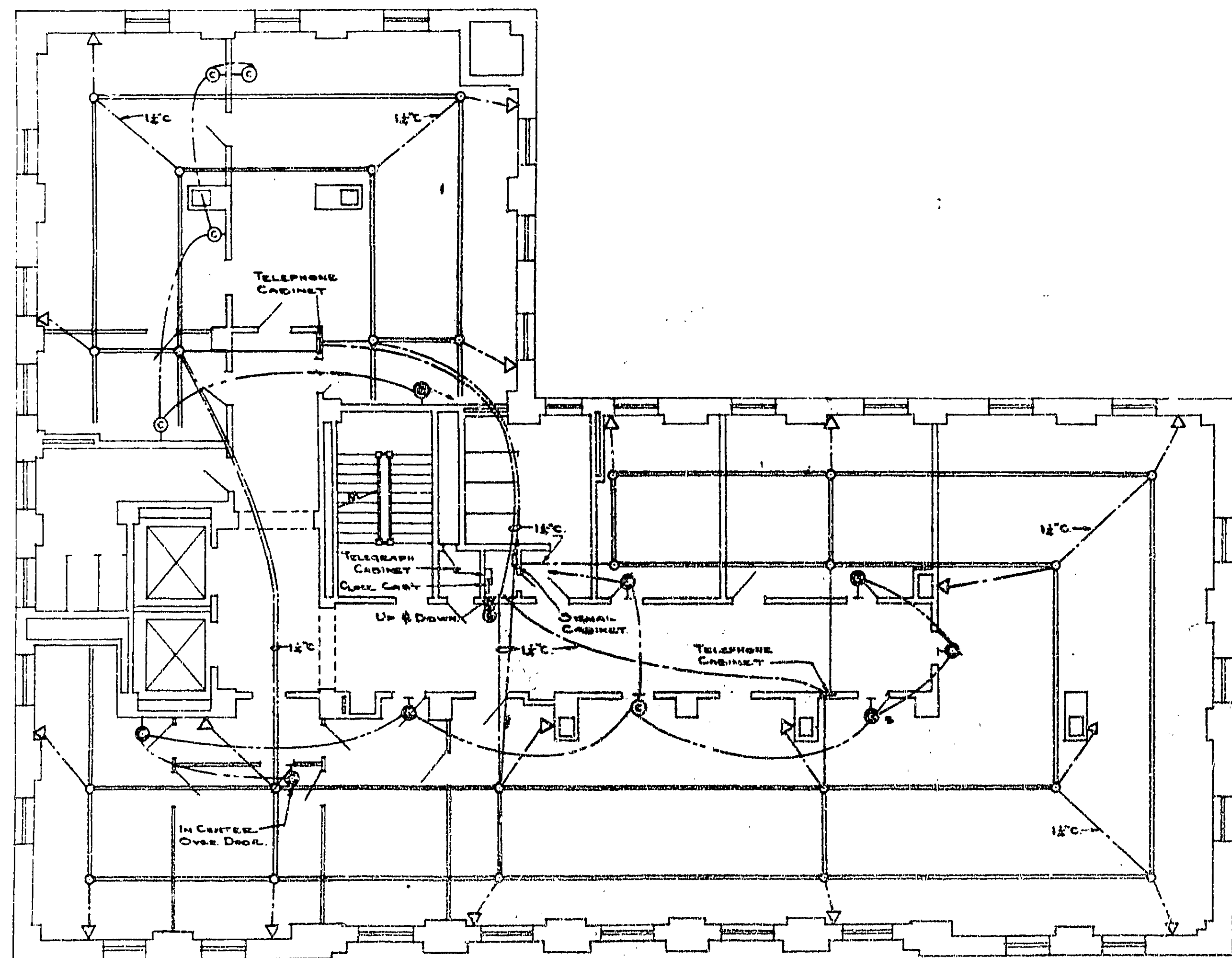
PUBLIC BUILDINGS BRANCH
 W. E. SNYDER, ASST. DIR. OF PUBLIC BLDGS.
 LOUIS A. SIMON, CHIEF ARCHT.
 J. AL. A. SIMON, CHIEF ELECTRICAL ENGINEER

APPROVED

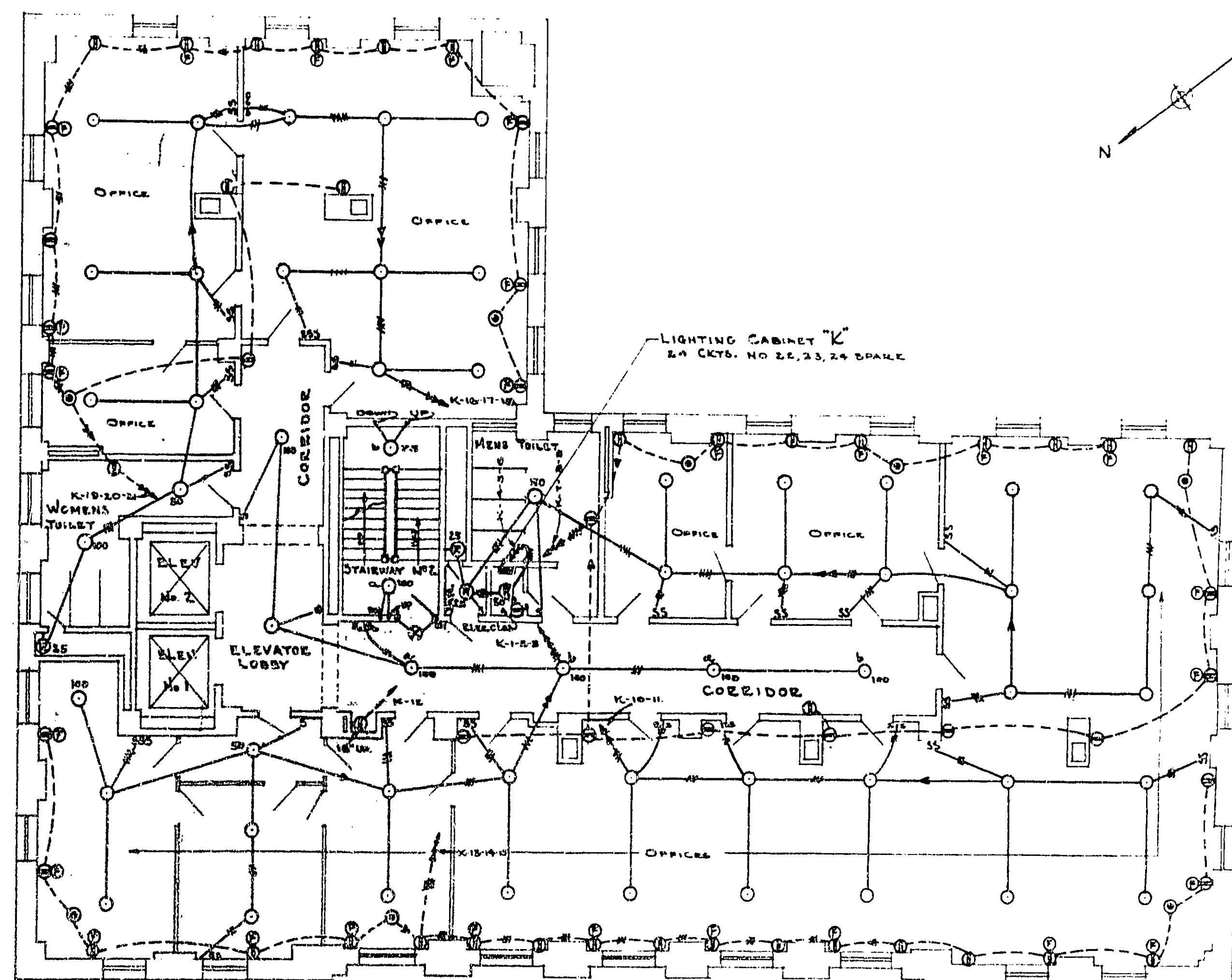
N. S. THOMSON, CHIEF ENGINEER
 T. C. BISHOP, JR., ELECTRICAL ENGINEER

CONDUIT AND LIGHTING

FEDERAL OFF BLDG
 HOUSTON, TEXAS
 C.W.B. 10710 & 57
 U.S. GOVERNMENT PRINTING OFFICE
 DRAWING NO. CL-472A



NINTH FLOOR PLAN
 SCALE: 1/8" = 1'-0"
 UNDERFLOOR DUCT & LOW TENSION SYSTEM.



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

NOTE:
 FOR GENERAL NOTES AND
 SYMBOLS SEE DRG. No. CL-465

CONDUIT AND LIGHTING

TREASURY DEPARTMENT
 PROCUREMENT DIVISION

PUBLIC BUILDINGS BRANCH

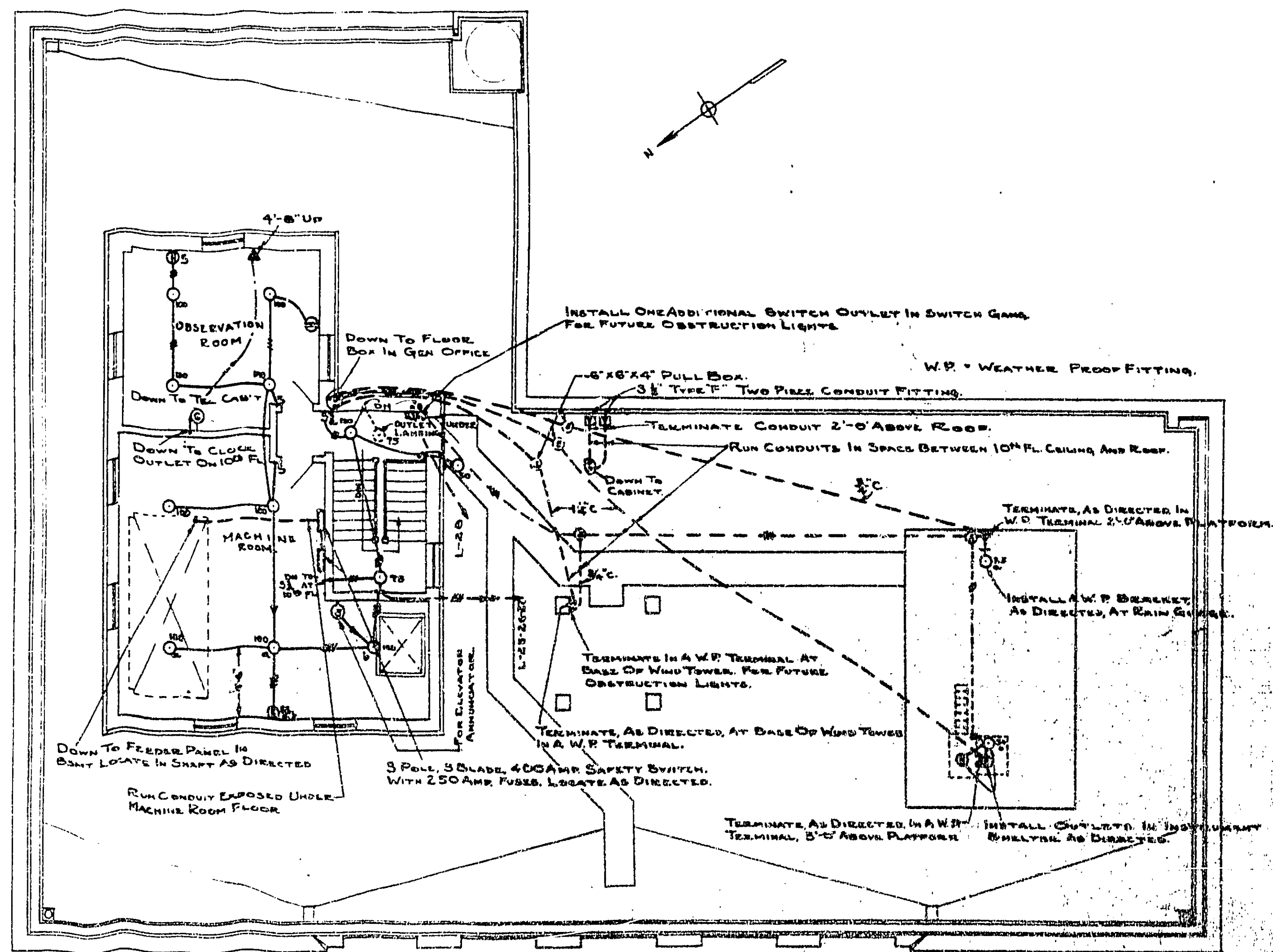
W. L. BEANSON, ASSISTANT CHIEF OF PROCUREMENT
 LOUIS A. SIMON, NEAL A. MILLER
 (PERSONS ARCHITECTS) SUPERVISING ENGINEER

APPROVED

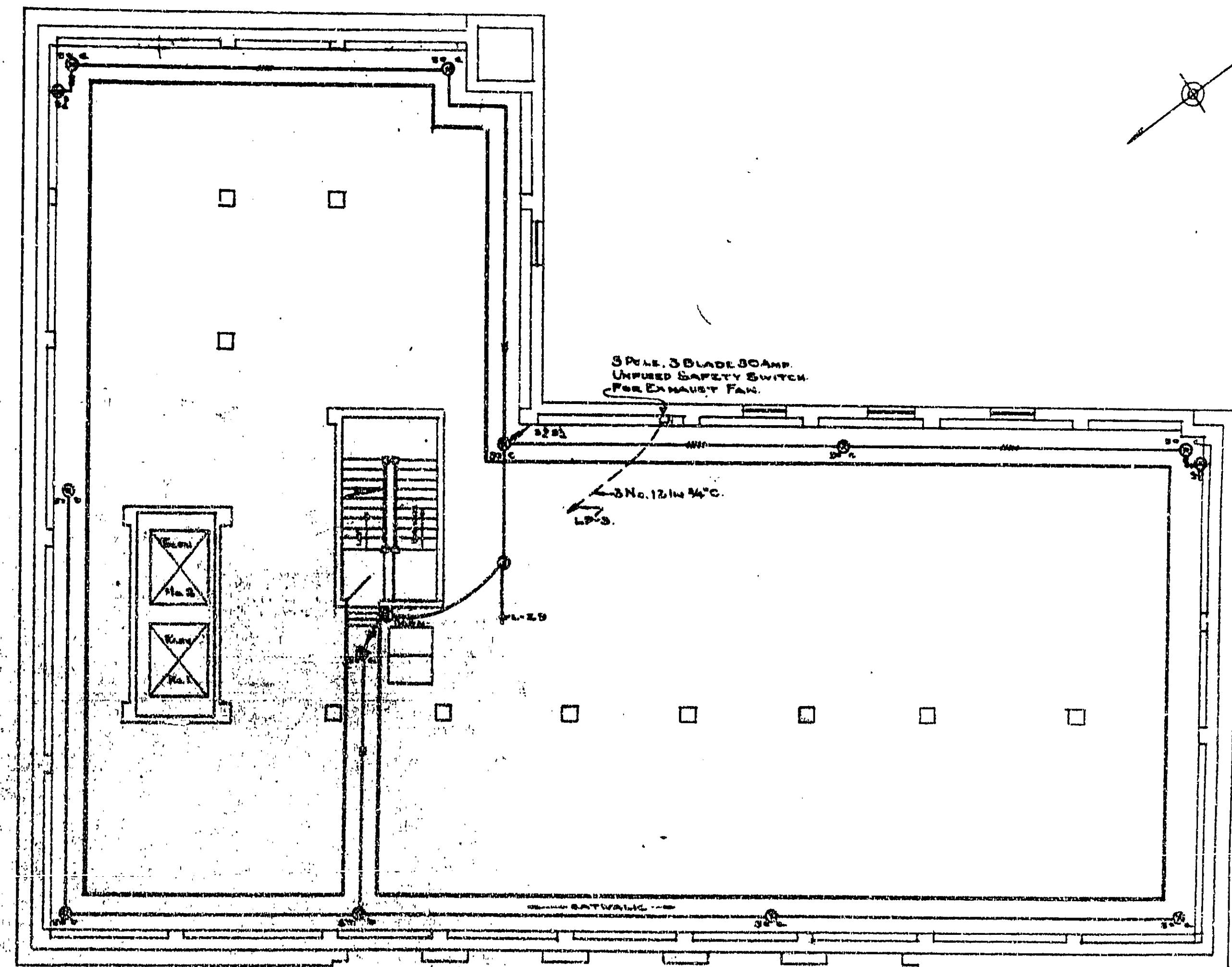
W. C. HALL, CHIEF OF
 T. C. BROOKS, CHIEF OF

FEDERAL OFF BLDG
 HOUSTON, TEXAS.
 EGM:G
 C.W. BOGAN

CL-473



ROOF AND PENT HOUSE PLAN.
SCALE: 1/8" = 1'-0"



ATTIC PLAN.
SCALE: 1/8" = 1'-0"

NOTE:
FOR GENERAL NOTES AND SYMBOLS SEE DRG No. CL-465.

CONDUIT AND LIGHTING

TREASURY DEPARTMENT
PROCUREMENT DIVISION
C. J. PEOPLES, DIRECTOR OF PROCUREMENT

PUBLIC BUILDINGS BRANCH
W. E. REYNOLDS, ASSISTANT DIRECTOR OF PROCUREMENT

LOUIS A. SIMON SUPERVISING ARCHITECT

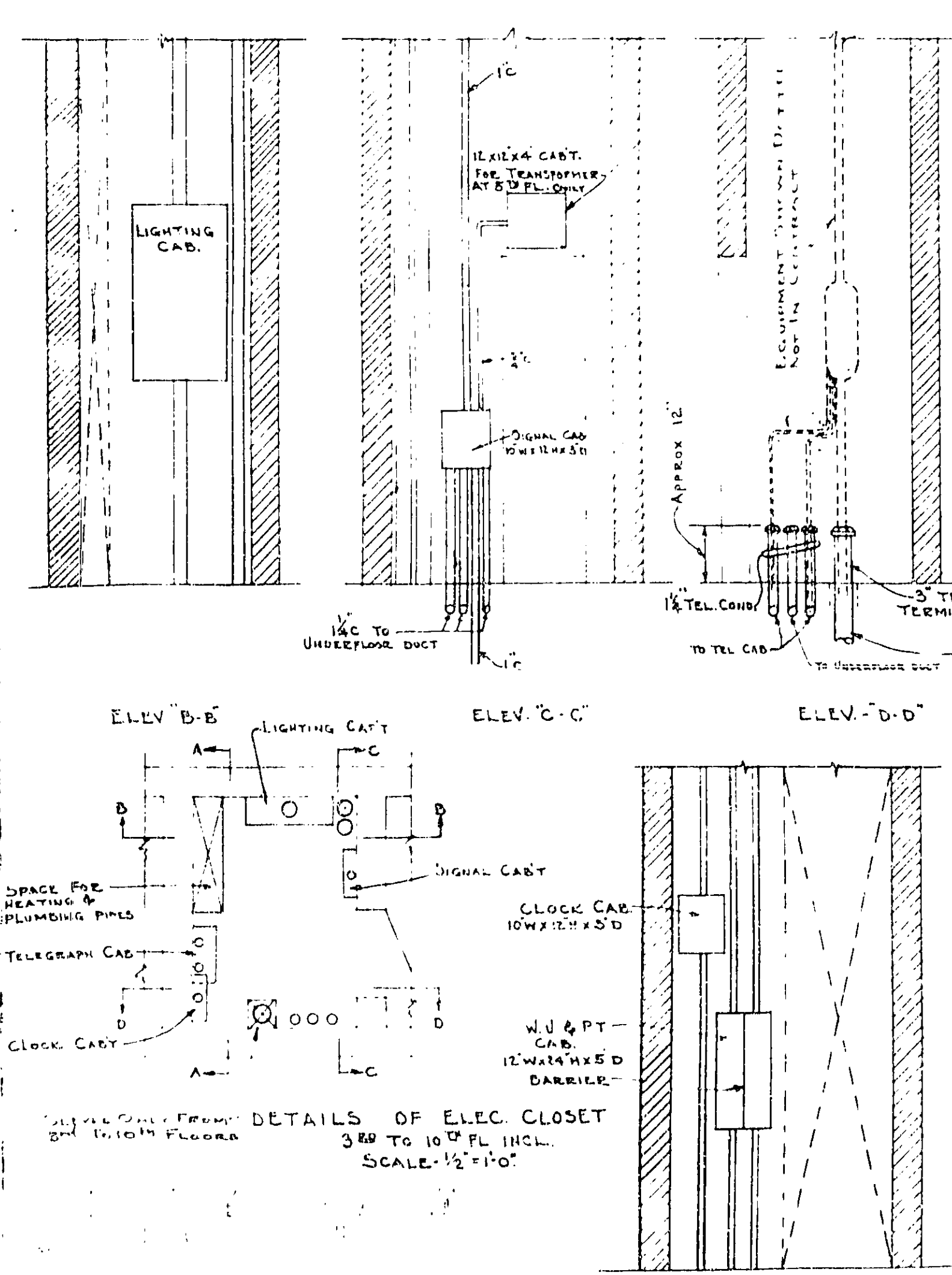
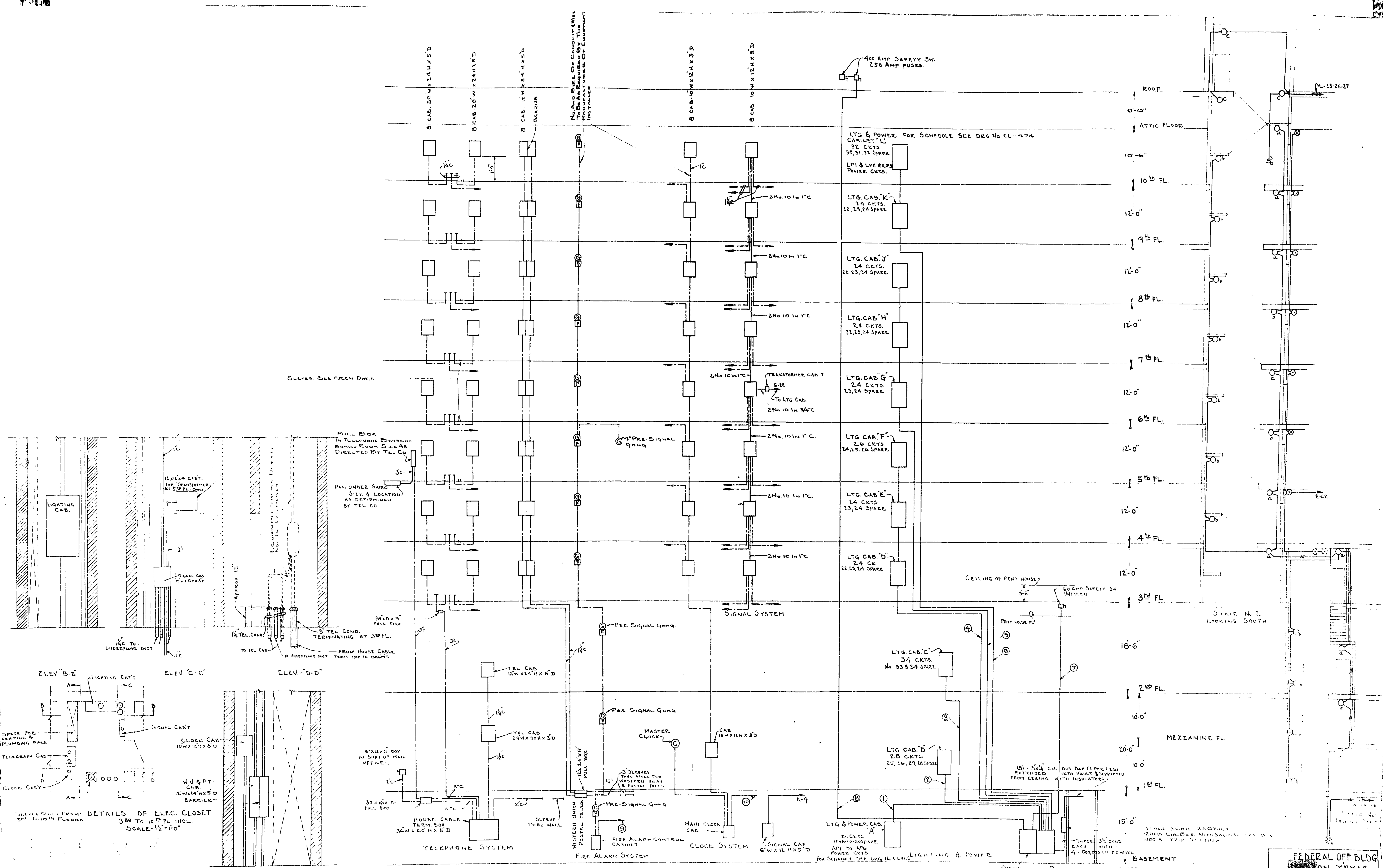
APPROVED

H. S. THOMPSON SUPT. OF MECHANICAL ENGINEERING

NEAL A. MELICK ELECTRICAL ENGINEER

T. C. BRUOKS SERV. OF ELECTRICAL ENGINEERING

FEDERAL OFF BLDG
HOUSTON, TEXAS
C. & G.E.
DRAWN BY C.W. BOGAN DATE 1-18-37
CHECKED BY DATE
DRAWING No. CL-475



APPROVED
 ELEV. A-A

CONDUIT AND LIGHTING

FEDERAL OFF BLDG
 ON, TEXAS.
 CL-476