

Auditorium Building (Roosevelt Univ.)
N.W. Corner Michigan Ave. & Congress Street
(extending through to Wabash Street)
Chicago
Cook County
Illinois

HABS No. ILL-1007

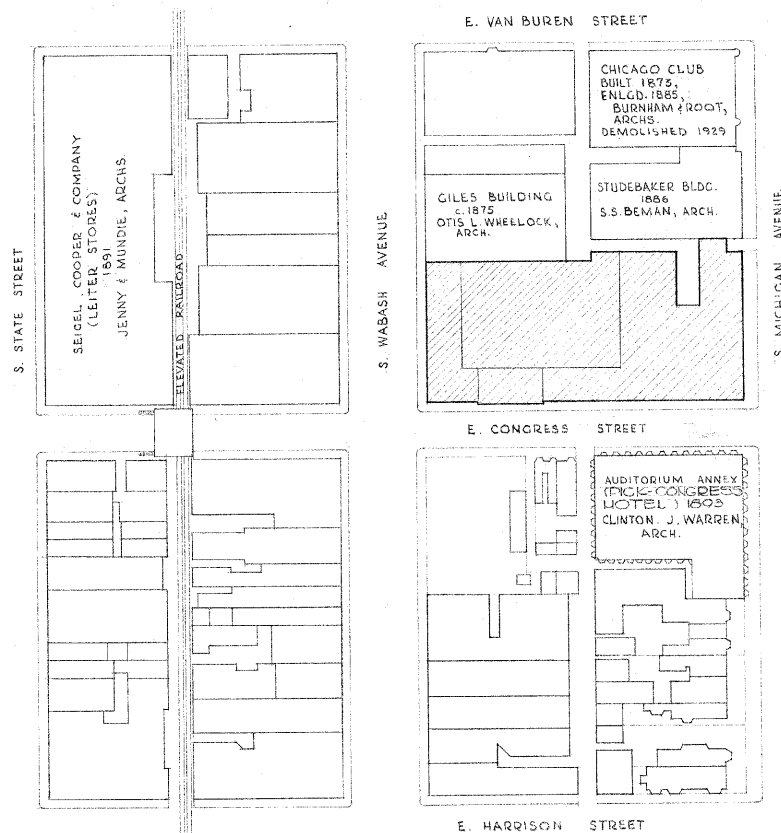
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ILL,
16-CHIC,
39-

REDUCED COPIES OF MEASURED DRAWINGS

Historic American Buildings Survey

AUDITORIUM BUILDING

CHICAGO, ILLINOIS



LOCATION PLAN
SANBORN MAP - 1895
SCALE: 1" = 100'-0"

THE AUDITORIUM BUILDING, BUILT 1887-1889, ADLER AND SULLIVAN ARCHITECTS, HAS BEEN CITED BY THE COMMISSION ON CHICAGO ARCHITECTURAL LANDMARKS: "IN RECOGNITION OF THE COMMUNITY SPIRIT WHICH HERE JOINED COMMERCIAL AND ARTISTIC ENDS, UNITING HOTEL, OFFICE BUILDING, AND THEATRE IN ONE STRUCTURE; THE INVENTIVENESS OF THE ENGINEER DISPLAYED FROM THE FOUNDATIONS TO THE PERFECT ACOUSTICS; AND THE GENIUS OF THE ARCHITECT WHICH GAVE FORM AND, WITH THE AID OF ORIGINAL ORNAMENT, EXPRESSED THE SPIRIT OF FESTIVITY IN ROOMS OF GREAT SPLENDOR."

THIS PROJECT WAS FINANCED FROM FUNDS OF THE "MISSION '66" PROGRAM OF THE NATIONAL PARK SERVICE - MEASURED AND DRAWN AUGUST, 1963 UNDER THE DIRECTION OF JAMES C. MASSEY, H.A.B.S. SUPERVISORY ARCHITECT, AND EARL H. REED, FAIA, PROJECT SPONSOR, BY OSMUND R. OVERBY, (UNIVERSITY OF TORONTO), PROJECT SUPERVISOR, AND STUDENT ASSISTANT ARCHITECTS JANIS J. ERINS (ILLINOIS INSTITUTE OF TECHNOLOGY), ROBERT C. GIEBNER (MIAMI UNIVERSITY OF OHIO), AND DAVID T. VAN ZANTEN (PRINCETON UNIVERSITY), AT THE CHICAGO, ILLINOIS FIELD OFFICE.



ROBERT C. GIEBNER, DEL.

H.A.B.S. CHICAGO PROJECT 1963

UNDER DIRECTION OF UNITED STATES DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE, BRANCH OF PLANS AND DESIGN

NAME OF STRUCTURE

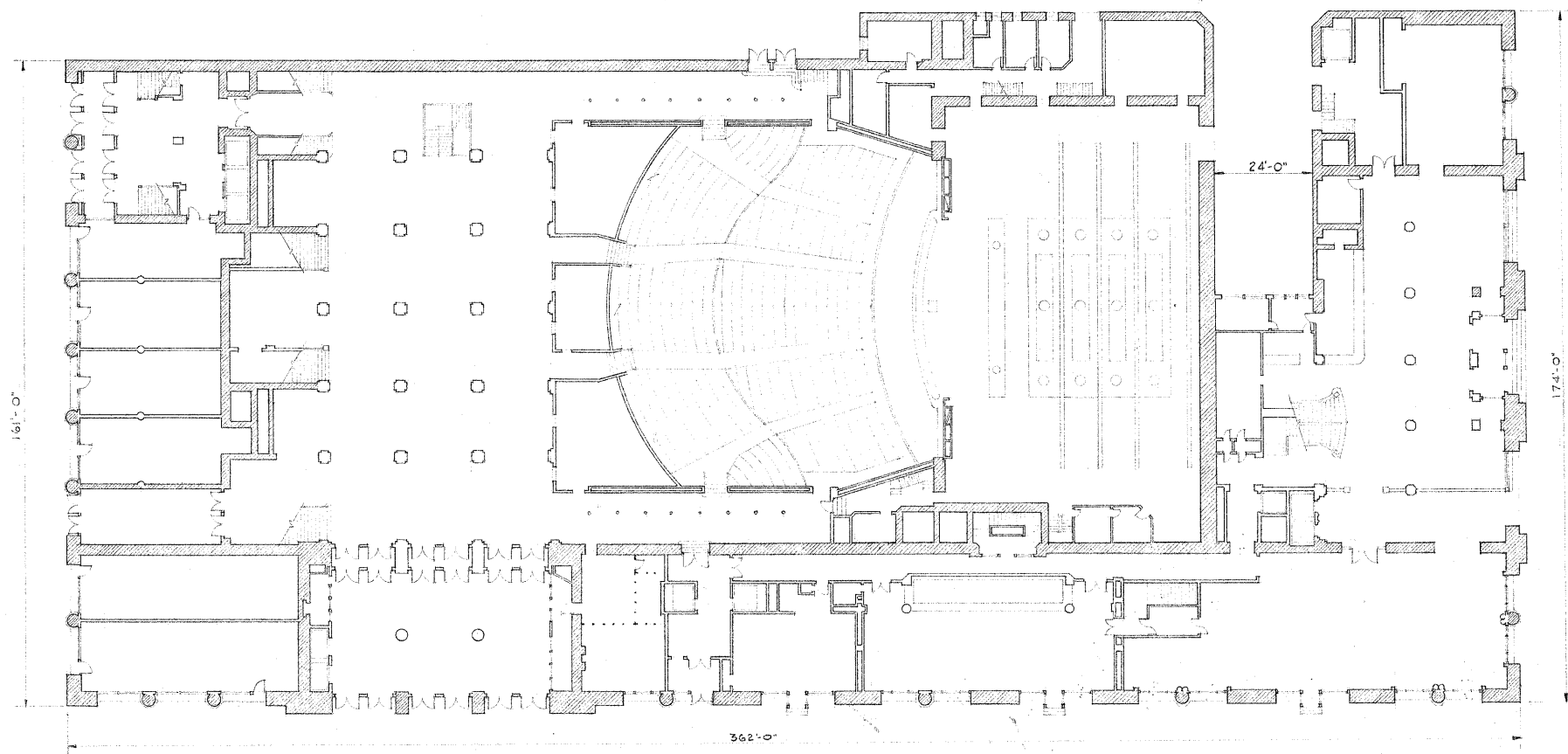
AUDITORIUM BUILDING

N.W. CORNER MICHIGAN AVE. & CONGRESS ST. (EXTENDING THROUGH TO WABASH ST.), CHICAGO, COOK COUNTY, ILLINOIS

SURVEY NO.
ILL.
1007

HISTORIC AMERICAN
BUILDINGS SURVEY
SHEET 1 OF 7 SHEETS

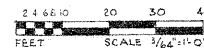
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RESTORED PLAN BASED ON EARLY DRAWINGS AND PHOTOGRAPHS. PRINCIPAL ALTERATIONS INCLUDE AN OPEN ARCADE, 20 FEET DEEP, ALONG THE ENTIRE SOUTH SIDE, REMODELLED SHOPS ON WEST SIDE, TEMPORARY PARTITIONS ADDED IN EAST LOBBY.

MAIN FLOOR PLAN

SCALE $\frac{3}{16}$ " = 1'-0"



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HISTORIC AMERICAN
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OBSERVATION
TOWER RECONSTRUCTED
FROM PHOTOGRAPHS.

230.29 ± 0.24

222.76

104.03'

43.95 ± 0.12'

141.13 ± 0.12'

127.26'

52.37'

39.29'

20.25'

0.00'
(STEP AT
CENTRAL ENTRY)



EAST (FRONT) ELEVATION

SCALE IN FEET 0 5 10 20 30 40
SCALE IN METERS 0 2 4 6 8 10

PHOTOGRAPHED 8-10 JUNE 1965
WITH GALILEO SANTONI PHOTOGRAPHOLITE
49 00106
PLOTTED ON WILD A-7 AUTOGRAPH AT
THE OHIO STATE UNIVERSITY.
SUPERVISOR - PERRY E. BORCHERS
RESEARCH ASSOCIATE DELLAS H. HARPER
WITH ALAN R. McDONALD, ROBERT L.
DESOLETS, AND HARRY H. LAU - DELINEATOR.

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HISTORIC AMERICAN
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SHEET 5 OF 7 SHEETS

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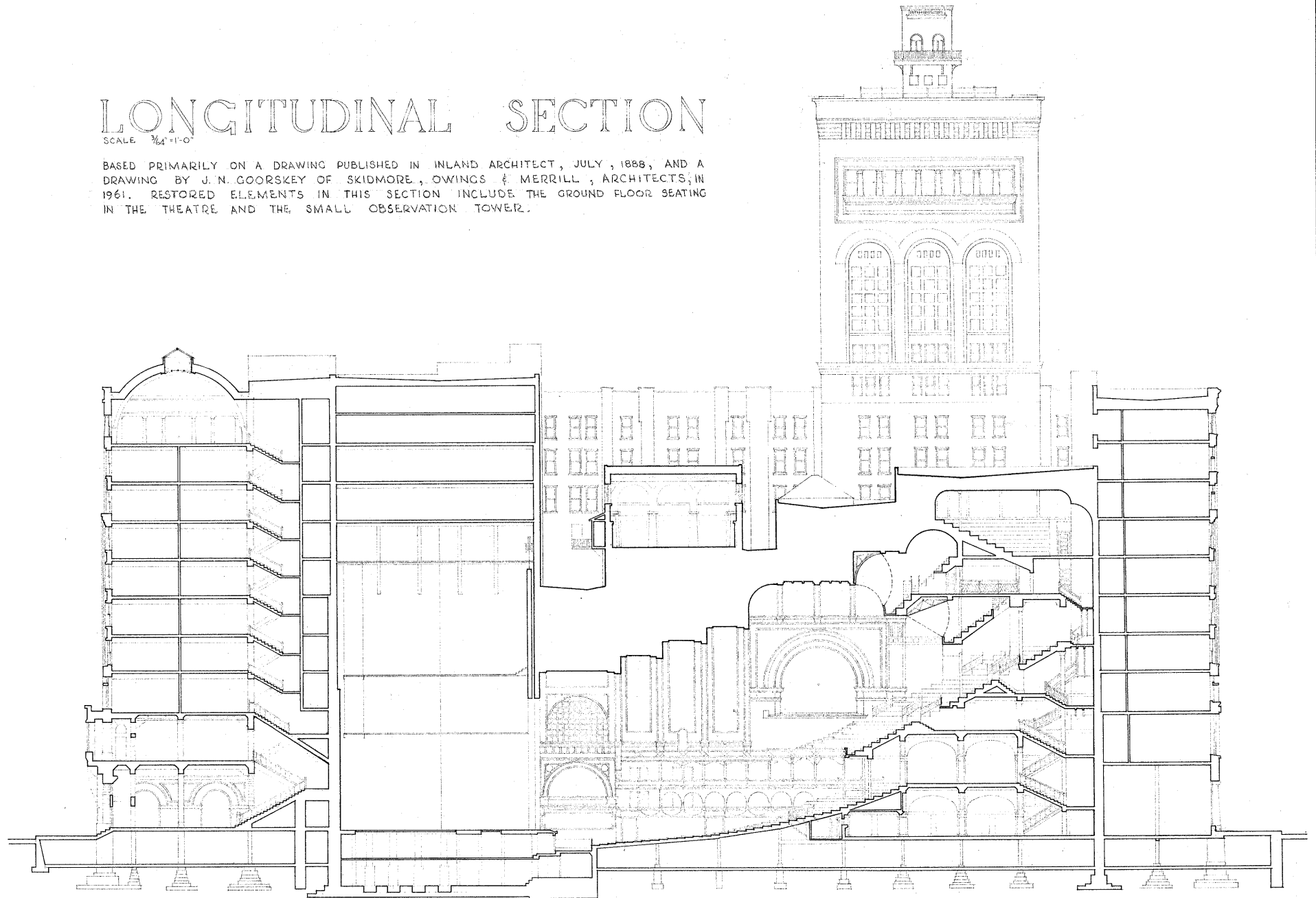
NAME OF STRUCTURE
AUDITORIUM BUILDING
CHICAGO, COOK COUNTY, ILLINOIS
N.W. CORNER MICHIGAN AVE. & CONGRESS ST. (EXTENDING THROUGH TO WABASH ST.)

PREPARED AT THE SCHOOL OF ARCHITECTURE
AND LANDSCAPE ARCHITECTURE, THE OHIO
STATE UNIVERSITY, COLUMBUS, OHIO
UNDER THE SUPERVISION OF THE INTERIOR
NATIONAL PARK SERVICE, BRANCH OF PLANS AND DESIGN

LONGITUDINAL SECTION

SCALE $\frac{3}{4}"=1'-0"$

BASED PRIMARILY ON A DRAWING PUBLISHED IN INLAND ARCHITECT, JULY, 1888, AND A DRAWING BY J. N. GOORSKEY OF SKIDMORE, OWINGS & MERRILL, ARCHITECTS, IN 1961. RESTORED ELEMENTS IN THIS SECTION INCLUDE THE GROUND FLOOR SEATING IN THE THEATRE AND THE SMALL OBSERVATION TOWER.



24 68 10 20 30 40
FEET SCALE $\frac{3}{4}"=1'-0"$

ROBERT C. GIEBNER, DEL.

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CHICAGO, COOK COUNTY, ILLINOIS

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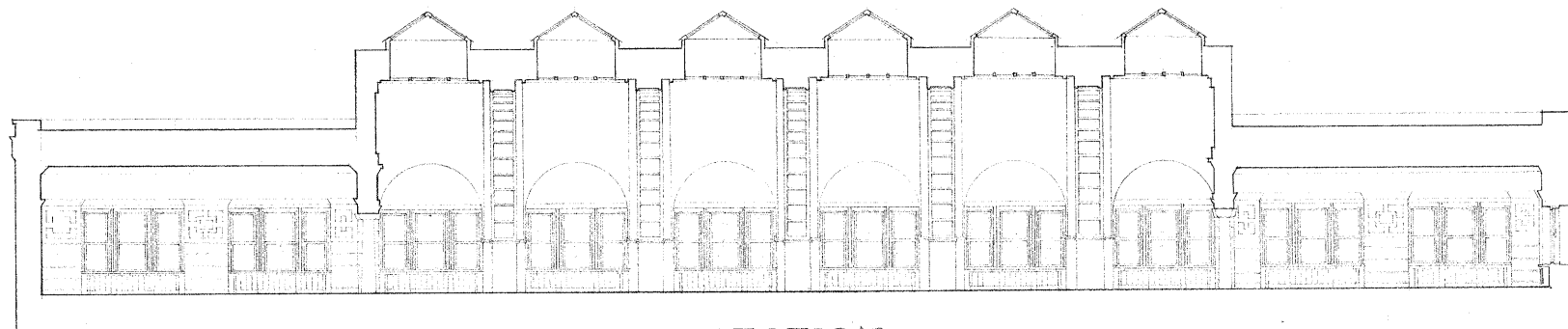
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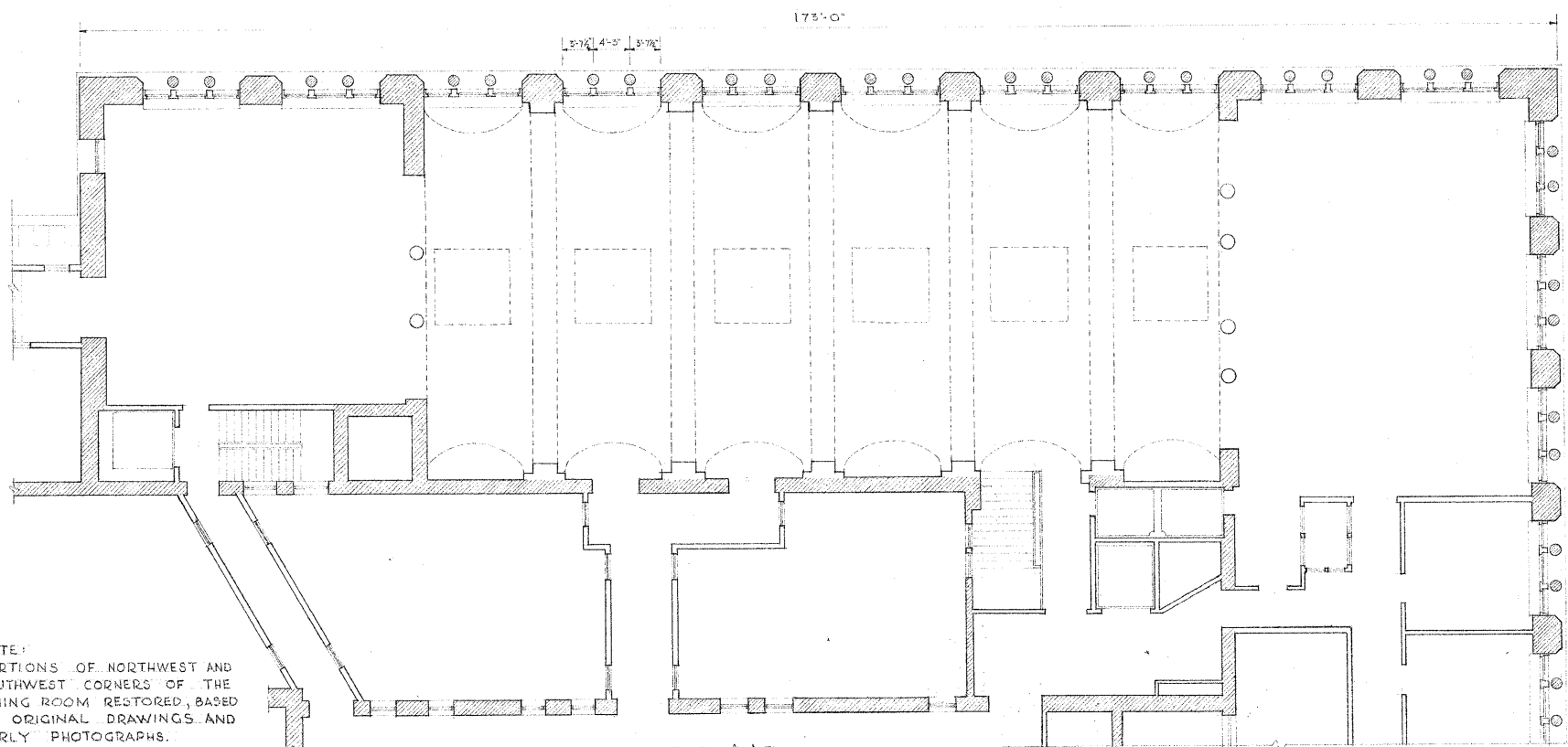
HISTORIC AMERICAN
BUILDINGS SURVEY

SHEET 4 OF 7 SHEETS

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SECTION
SCALE $\frac{1}{8}'' = 1'-0''$



PLAN
SCALE $\frac{3}{32}'' = 1'-0''$

NOTE:
PORTIONS OF NORTHWEST AND
SOUTHWEST CORNERS OF THE
DINING ROOM RESTORED, BASED
ON ORIGINAL DRAWINGS AND
EARLY PHOTOGRAPHS.



HOTEL DINING ROOM

1 2 3 4 5 10 15 20
FEET SCALE $\frac{3}{32}'' = 1'-0''$

ROBERT C. GIEBNER, DEL.

H.A.B.S. CHICAGO PROJECT 1963

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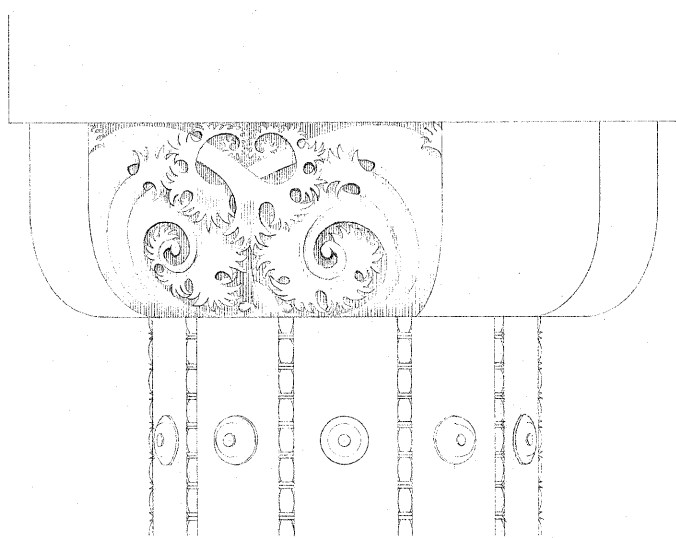
HISTORIC AMERICAN

BUILDINGS SURVEY

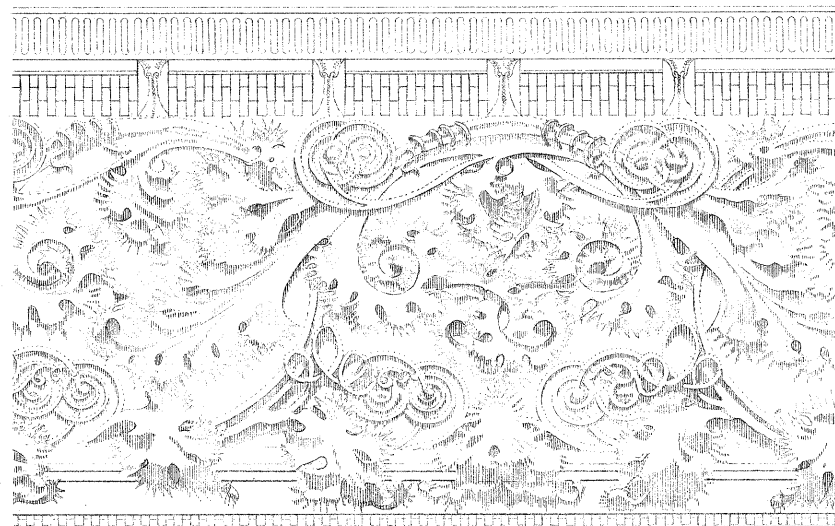
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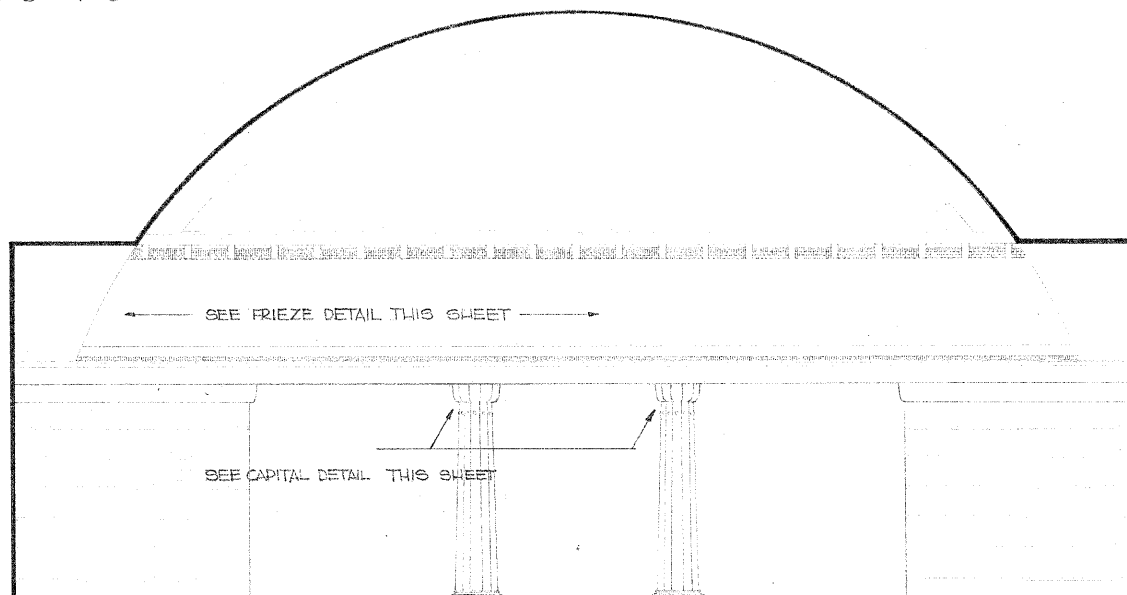
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CAPITAL
SCALE 3" = 1'-0"



FRIEZE
SCALE 1" = 1'-0"



NORTH WALL ELEVATION
SCALE 1/4" = 1'-0"

HOTEL DINING ROOM

ROBERT C. GIEBNER & DAVID T. VAN ZANTEN, DELS.

1" = 1'-0" 12" 24"
3" = 1'-0" 4" 8"
1/4" = 1'-0" 4" 8"

H.A.B.S. CHICAGO PROJECT 1963
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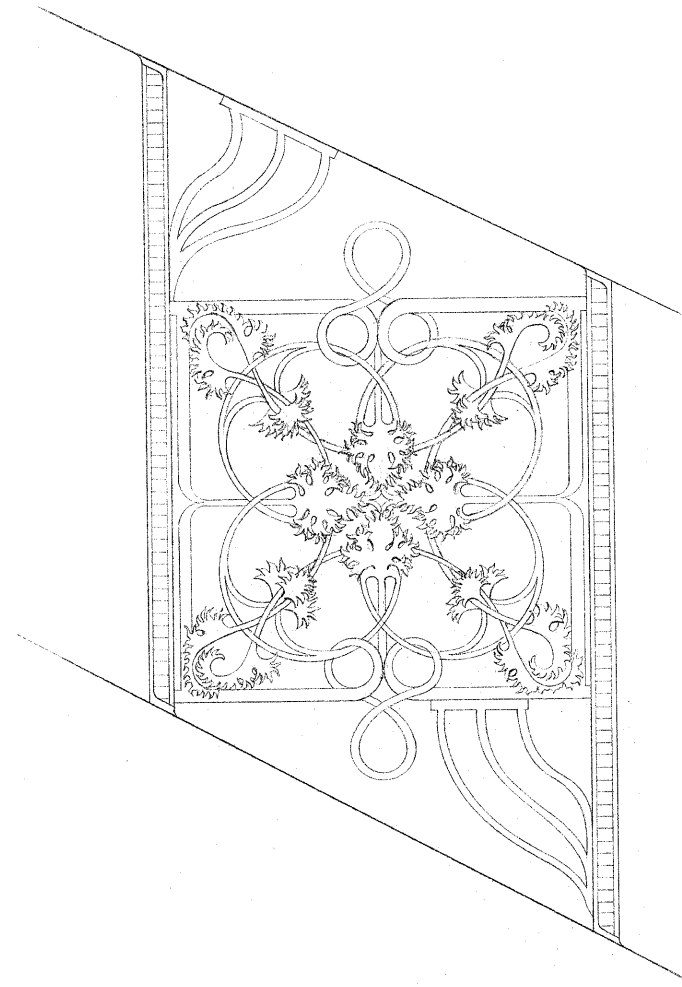
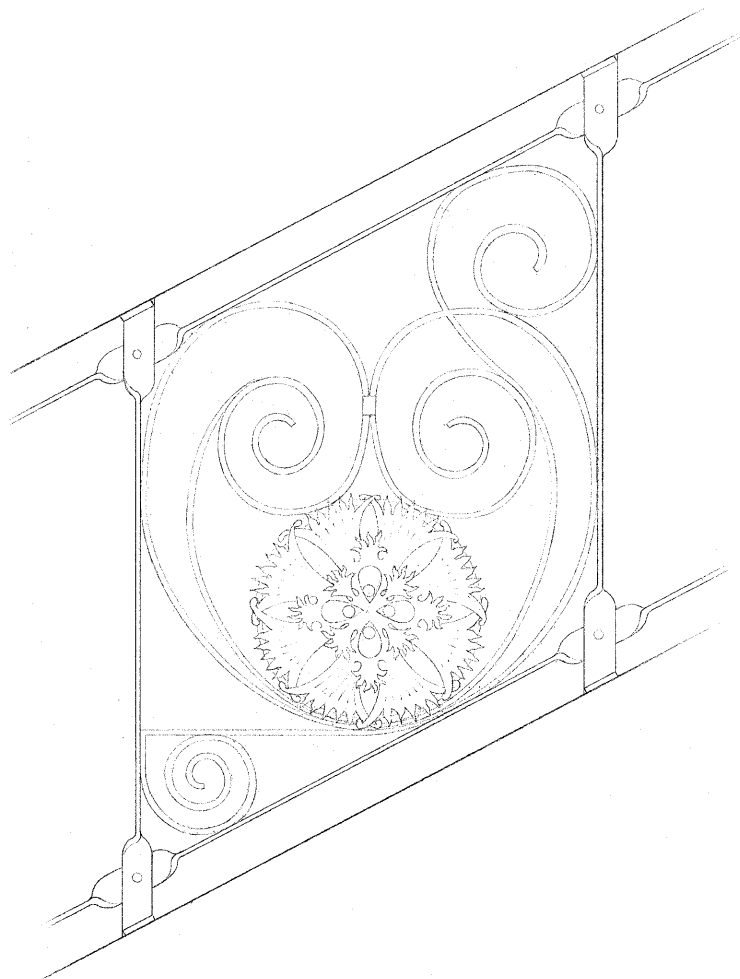
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HOTEL LOBBY

THEATRE LOBBY



STAIRWAY RAILING PANELS

DAVID T. VAN ZANTEN, DEL.

1 2 3 4 5 6 12
INCHES SCALE: 3" = 1'-0"

H.A.B.S. CHICAGO PROJECT, 1963
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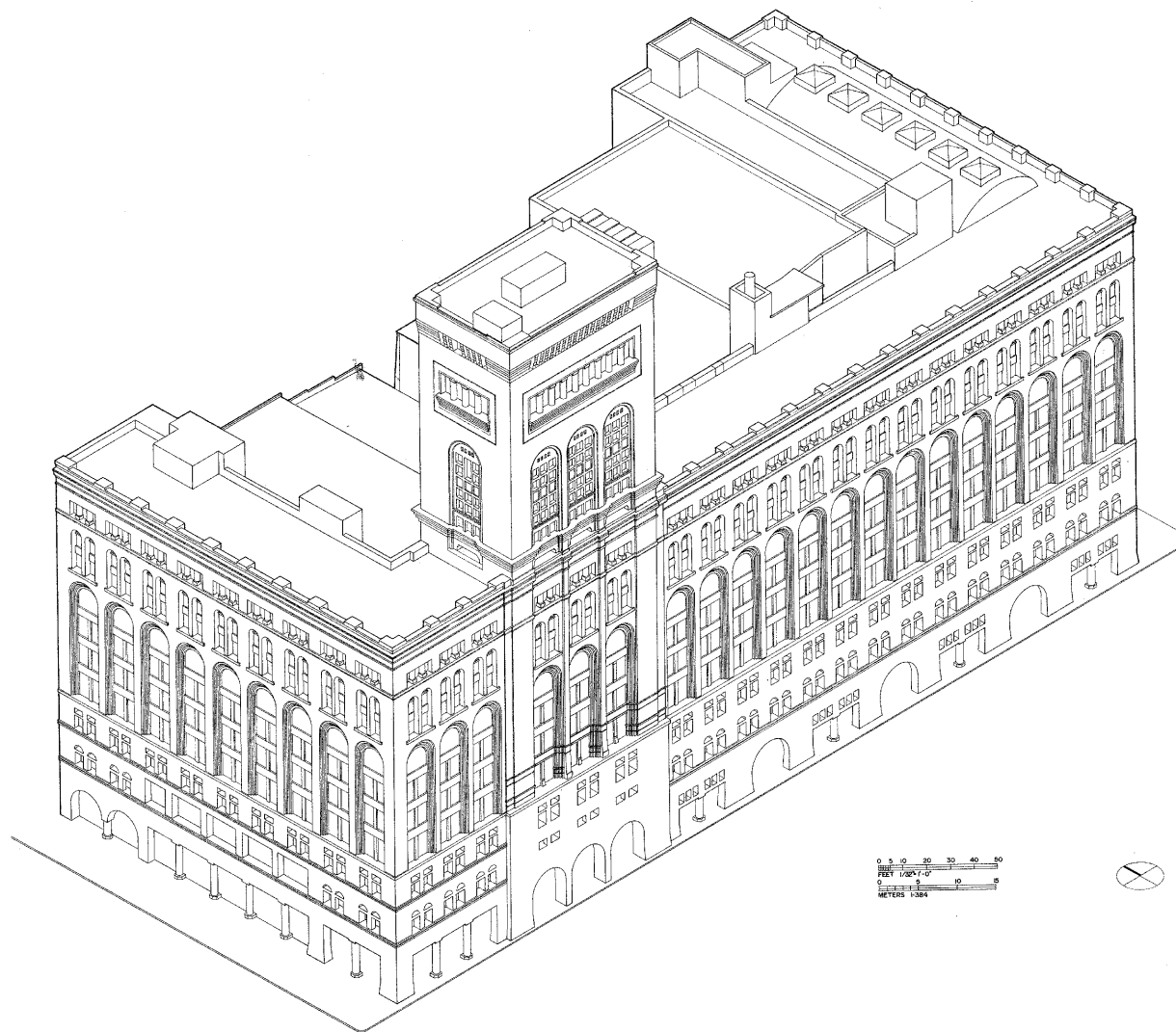
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HISTORIC AMERICAN
BUILDINGS SURVEY
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ADDENDUM TO AUDITORIUM BUILDING {ROOSEVELT UNIVERSITY}

THE RESEARCH AND DOCUMENTATION OF THE ENGINEERING SYSTEMS OF THE AUDITORIUM BUILDING WERE UNDERTAKEN BY THE NATIONAL ARCHITECTURAL AND ENGINEERING RECORD (NAER) IN COOPERATION WITH ROOSEVELT UNIVERSITY AND WITH FINANCIAL SUPPORT FROM THE GRAHAM FOUNDATION OF CHICAGO AND THE STATE OF ILLINOIS DEPARTMENT OF CONSERVATION. NAER'S PARTICIPATION WAS A JOINT EFFORT OF THE HISTORIC AMERICAN ENGINEERING RECORD (HAER) AND THE HISTORIC AMERICAN BUILDINGS SURVEY (HABS). THE RECORDS WILL BE FILED IN THE LIBRARY OF CONGRESS AS AN ADDENDUM TO THE 1963 HABS RECORDS FOR THE BUILDING. THE RESEARCH WAS COMPLETED IN THE SUMMER OF 1979 WITH HAER ARCHITECT DONALD F. STEVENSON, AIA, PROJECT DIRECTOR; RITA GORAWARA (TEXAS A & M UNIVERSITY), PROJECT SUPERVISOR; TOBIN KENDRICK (MONTANA STATE UNIVERSITY), ARCHITECTURAL TECHNICIAN; AND HAER PHOTOGRAPHER JET LOWE. THE DOCUMENTATION WAS COMPLETED IN THE SUMMER OF 1980 WITH HABS ARCHITECT JOHN A. BURNS, AIA, PROJECT DIRECTOR; RITA GORAWARA, AIA (ASSOCIATE), PROJECT SUPERVISOR; CHARLES E. GREGERSEN, AIA, PROJECT HISTORIAN; LAURA L. HOCHULI (UNIVERSITY OF WISCONSIN-MILWAUKEE), FOREMAN; AND CATHY L. BERLOW (UNIVERSITY OF FLORIDA), J. MICHAEL PALMER (UNIVERSITY OF PENNSYLVANIA), WILLIAM PERCIVAL (ILLINOIS INSTITUTE OF TECHNOLOGY), AND AUGUST VENTURA (COOPER UNION), ARCHITECTURAL TECHNICIANS.



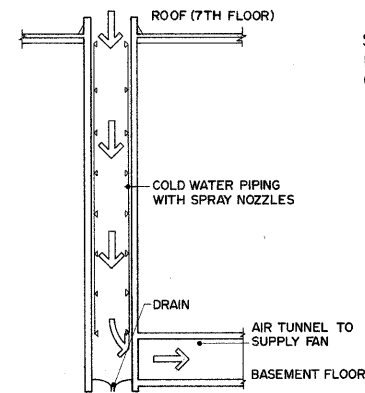
THE AUDITORIUM BUILDING, NOW ROOSEVELT UNIVERSITY, WAS THE LARGEST STRUCTURE OF ITS KIND IN AMERICA AT THE TIME OF ITS COMPLETION IN 1890. DESIGNED BY DANKMAR ADLER (1844-1900) AND LOUIS H. SULLIVAN (1856-1924), THE 4,237 SEAT THEATER, HOTEL, AND OFFICE BUILDING EARNED A NATIONAL REPUTATION FOR THEIR FIRM.

THE COMPLEXITY OF A STRUCTURE CONTAINING THREE UNRELATED FUNCTIONS ON A SMALL SITE CREATED DESIGN PROBLEMS OF SPACE AND ACCESS FOR THE ARCHITECTS AND ENGINEERS. THE COMBINATION OF THESE FACTORS WITH THE DESIRE OF THE PROMOTERS TO HAVE THE LATEST CONVENIENCES AND MOST LUXURIOUS SURROUNDINGS REQUIRED STATE OF THE ART STRUCTURAL SYSTEMS AND ASSOCIATED BUILDING TECHNOLOGY. THE RESULT IS A BUILDING THAT IN ITS STRUCTURAL, HEATING, VENTILATING, COOLING, LIGHTING, ELECTRICAL, HYDRAULIC, AND SANITARY SYSTEMS REVEALS ALL THE VIRTUES AND LIMITATIONS OF THE AVAILABLE TECHNOLOGY OF THAT TIME.

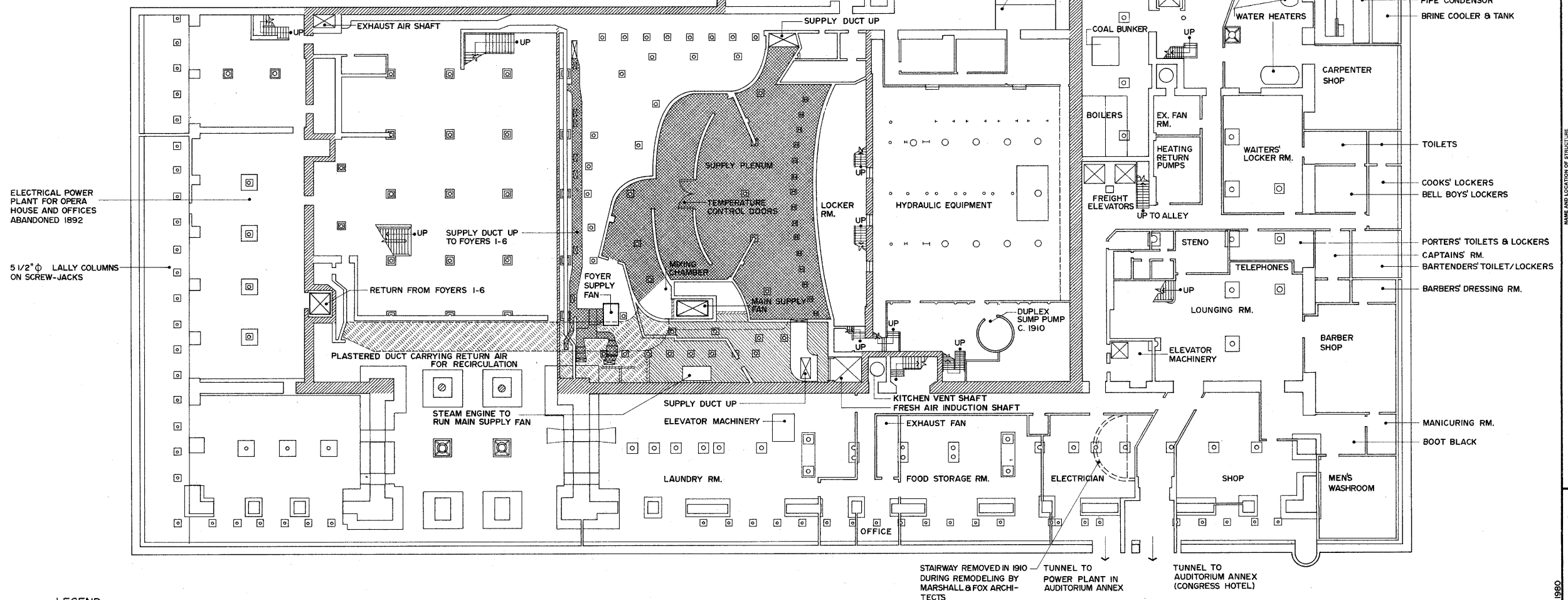


THE HEATING, COOLING AND VENTILATION FOR THE AUDITORIUM THEATER IS A COMBINED PLENUM AND VACUUM SYSTEM. FRESH AIR IS DRAWN FROM THE TOP OF THE BUILDING TO THE BASEMENT THROUGH A BRICK INDUCTION SHAFT, LOCATED IN A COURT BETWEEN THE BANQUET HALL AND THE STAGE. IN THE CORNERS OF THE SHAFT ARE FOUR COLD WATER HEADERS WITH SPRAY NOZZLES TO WASH AND COOL THE AIR. IN THE SUMMER THE AIR IS FURTHER COOLED BY CHILLING A SOLUTION OF BRINE WITH 12-20 TONS OF ICE SHIPPED IN DAILY. IN THE WINTER WARM BRINE IS USED TO PREVENT THE SHOWER FROM FREEZING. FRESH AIR AND RETURN AIR ARE MIXED IN DEFINITE PROPORTIONS AND CHANNELLED THROUGH BRICK TUNNELS TO THE MAIN SUPPLY FAN. LARGE METAL DOORS, EASILY ADJUSTED BY CHAINS, PRODUCE THE DESIRED RETURN-FRESH AIR PROPORTION. THE FRESH AIR AND RETURN AIR IS THEN MIXED AND BLOWN OUT BY THE SUPPLY FAN. IN THE WINTER THE MIXED AIR IS PASSED OVER TWO SETS OF SYMMETRICALLY

LOCATED HEATING COILS INTO THE LARGE SUPPLY PLENUM. THE SUPPLY AIR TO THE FOYERS IS CARRIED UP THROUGH A SHAFT LOCATED IN THE SOUTH-WEST CORNER OF THE AUDITORIUM MECHANICAL ROOM. THE SUPPLY AIR TO THE THEATER IS CARRIED THROUGH TWO SHAFTS LOCATED ON THE NORTH AND SOUTH END OF THE PRECENIUM WALL. A SYSTEM OF DUCTS SUPPLIES DIFFERENT PARTS OF THE AUDITORIUM THROUGH DECORATIVE DIFFUSER GRILLS LOCATED IN THE AUDITORIUM ARCHES. ADLER'S EXPERTISE IN ACOUSTICS LED TO THE COMPLETE SEPARATION OF SOUND WAVES (EMITTED FROM THE STAGE) AND AIR CURRENTS THAT HAD THEIR GREATEST THRUST FROM THE STAGE UPWARD AND OUTWARD. THE VITIATED AIR IS SUCKED FROM THE FLOOR UNDER EVERY SEAT IN THE THEATER AND REMOVED BY FOUR VACUUM PUMPS: ONE IN THE BASEMENT AND THREE IN THE ATTIC. THERE IS AN ENTIRE CHANGE OF AIR IN THE THEATER AT 3 MINUTE INTERVALS. THE FORCED AIR SYSTEM IS SUPPLEMENTED BY RADIATING PIPES IN THE STAGE AND FOYER.

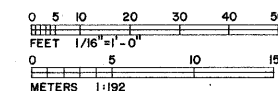


SECTION THROUGH AIR INDUCTION SHAFT (NOT TO SCALE)



BASEMENT-FUNCTIONAL / MECHANICAL

(SEE ALSO SHEETS 34 AND 47 FOR MECHANICAL SYSTEMS)



THE AUDITORIUM BUILDING WAS ORIGINALLY CONCEIVED AS THREE SEPARATE ENTITIES UNDER ONE ROOF:

- THE THEATER
- THE HOTEL
- THE OFFICE BUILDING

THE ENTRANCE TO THE THEATER IS IN THE GROUND FLOOR OF THE TOWER THROUGH SIX DOUBLE DOORS UNDER THREE ARCHWAYS. THE LOBBY IS LOFTY WITH MARBLE-MOSAIC FLOORS, MASSIVE COFFERED CEILINGS, AND TWO SCAGLIOLA COLUMNS. THIS SPACE LEADS INTO THE LOWER FOYER, WHICH HAS THREE GRAND STAIRCASES ASCENDING TO THE SECOND LEVEL FOYER.

THE PUBLIC AREAS OF THE HOTEL OCCUPY THE MICHIGAN AVENUE FRONT AND TWO-THIRDS OF THE CONGRESS STREET FRONT. THEY ARE COMPOSED OF THE MAIN LOBBY, THE LADIES' RESTAURANT, THE MEN'S CAFE, AND THE BARBER SHOP. THE HOTEL'S MAIN ENTRANCE IS ON MICHIGAN AVENUE, AND HAS A LOGGIA ABOVE IT SUPPORTED ON GRANITE CONSOLES. ONE ENTERS THE MAIN LOBBY THROUGH THREE SEMI-CIRCULAR ARCHES OF

DRESSED GRANITE IN ROMAN STYLE. THE MICHIGAN LOBBY IS EXTRAVAGANT IN ITS DECORATION, WITH ITS MOSAIC FLOORS, MARBLE WAINSCOTING, SCAGLIOLA COLUMNS, AND AN INTRICATELY DESIGNED STAIRCASE.

THE BUSINESS PORTION ON THE FIRST FLOOR CONSISTS OF STORES ALONG WABASH AVENUE. THE ENTRANCES TO THE WABASH LOBBY ARE BETWEEN TWO SEMI-CIRCULAR ARCHES OF DRESSED GRANITE. THE LOBBY ITSELF IS SPACIOUS, MOSAIC FLOORED, AND WAINSCOTED WITH MARBLE. ONE FLIGHT OF STEPS AND THREE ELEVATORS LEAD TO THE UPPER FLOOR OFFICES. THE NORTH STAIRCASE IS USED AS AN EXIT FROM THE UPPER GALLERIES OF THE THEATER.

THEATER NOT SHOWN

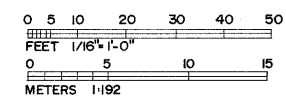
ORIGINAL CURB LINE

LEGEND

- HOTEL
- OFFICES/STORES
- AUDITORIUM

- 1 ELEVATOR
- 2 FREIGHT ELEVATOR
- 3 VENT SHAFT
- 4 FRESH AIR INDUCTION SHAFT
- 6 DUMBWAITER

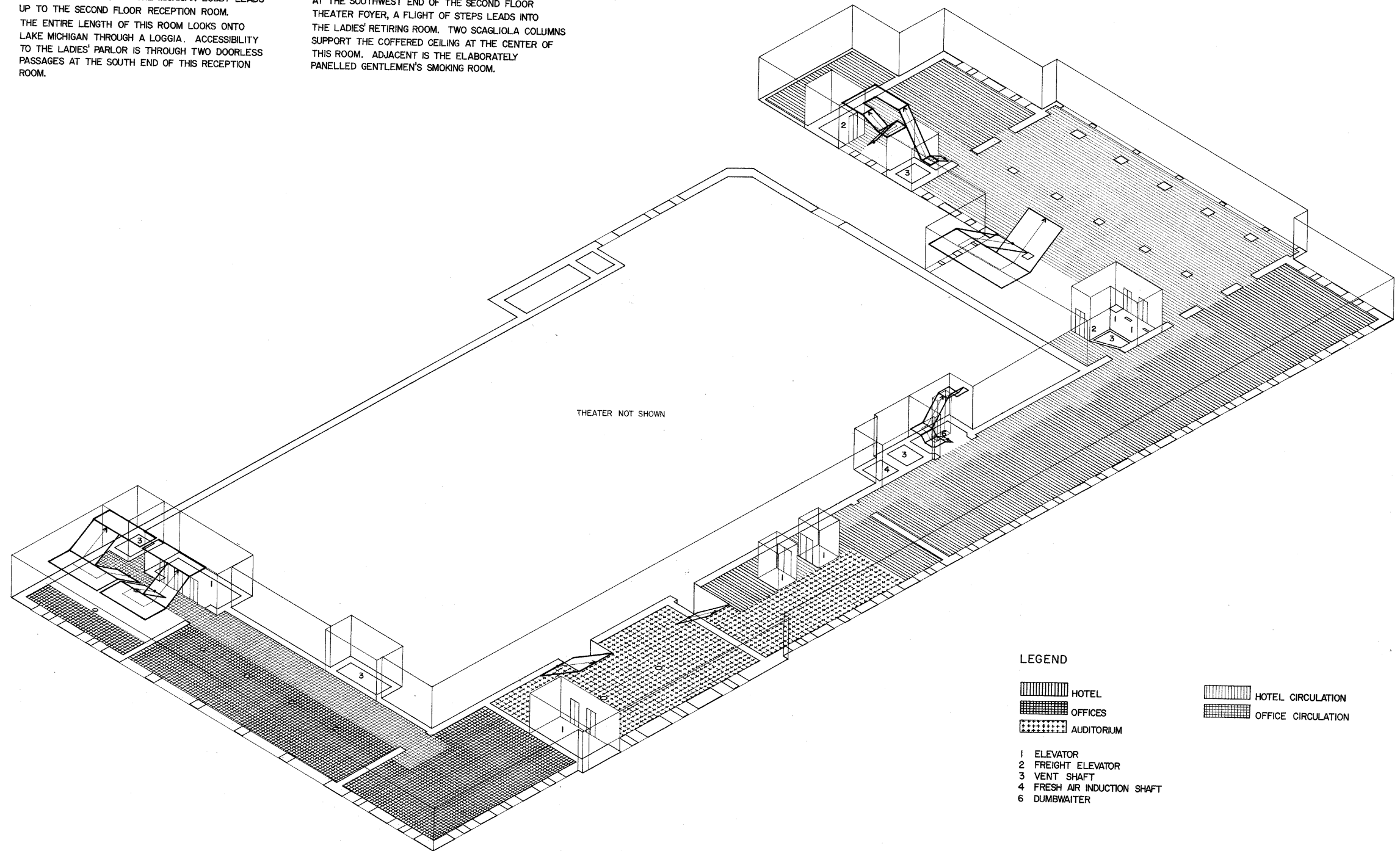
- HOTEL CIRCULATION
- OFFICE CIRCULATION
- AUDITORIUM CIRCULATION



1ST FLOOR - FUNCTIONAL ZONING

THE GRAND STAIRCASE IN THE MICHIGAN LOBBY LEADS UP TO THE SECOND FLOOR RECEPTION ROOM. THE ENTIRE LENGTH OF THIS ROOM LOOKS ONTO LAKE MICHIGAN THROUGH A LOGGIA. ACCESSIBILITY TO THE LADIES' PARLOR IS THROUGH TWO DOORLESS PASSAGES AT THE SOUTH END OF THIS RECEPTION ROOM.



AT THE SOUTHWEST END OF THE SECOND FLOOR THEATER FOYER, A FLIGHT OF STEPS LEADS INTO THE LADIES' RETIRING ROOM. TWO SCAGLIOLA COLUMNS SUPPORT THE COFFERED CEILING AT THE CENTER OF THIS ROOM. ADJACENT IS THE ELABORATELY PANELLED GENTLEMEN'S SMOKING ROOM.



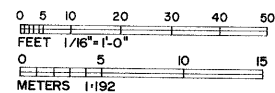
2ND FLOOR - FUNCTIONAL ZONING

LEGEND

-  HOTEL
-  OFFICES
-  AUDITORIUM

-  HOTEL CIRCULATION
-  OFFICE CIRCULATION

- 1 ELEVATOR
- 2 FREIGHT ELEVATOR
- 3 VENT SHAFT
- 4 FRESH AIR INDUCTION SHAFT
- 6 DUMBWAITER



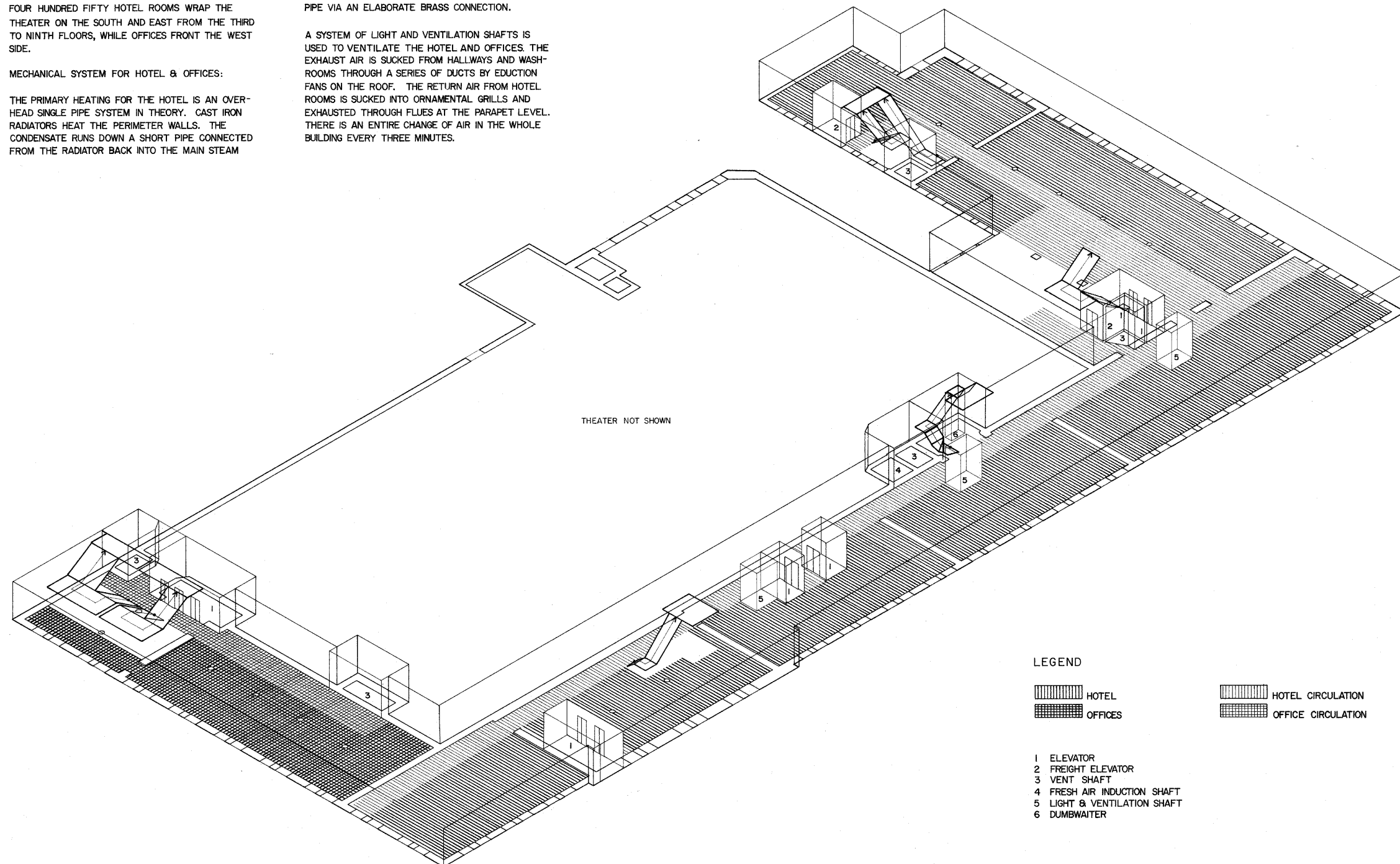
FOUR HUNDRED FIFTY HOTEL ROOMS WRAP THE THEATER ON THE SOUTH AND EAST FROM THE THIRD TO NINTH FLOORS, WHILE OFFICES FRONT THE WEST SIDE.

MECHANICAL SYSTEM FOR HOTEL & OFFICES:

THE PRIMARY HEATING FOR THE HOTEL IS AN OVER-HEAD SINGLE PIPE SYSTEM IN THEORY. CAST IRON RADIATORS HEAT THE PERIMETER WALLS. THE CONDENSATE RUNS DOWN A SHORT PIPE CONNECTED FROM THE RADIATOR BACK INTO THE MAIN STEAM

PIPE VIA AN ELABORATE BRASS CONNECTION.

A SYSTEM OF LIGHT AND VENTILATION SHAFTS IS USED TO VENTILATE THE HOTEL AND OFFICES. THE EXHAUST AIR IS SUCKED FROM HALLWAYS AND WASH-ROOMS THROUGH A SERIES OF DUCTS BY EDUCTION FANS ON THE ROOF. THE RETURN AIR FROM HOTEL ROOMS IS SUCKED INTO ORNAMENTAL GRILLS AND EXHAUSTED THROUGH FLUES AT THE PARAPET LEVEL. THERE IS AN ENTIRE CHANGE OF AIR IN THE WHOLE BUILDING EVERY THREE MINUTES.



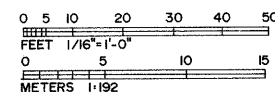
3RD FLOOR - FUNCTIONAL ZONING

LEGEND

HOTEL
 OFFICES

HOTEL CIRCULATION
 OFFICE CIRCULATION

- 1 ELEVATOR
- 2 FREIGHT ELEVATOR
- 3 VENT SHAFT
- 4 FRESH AIR INDUCTION SHAFT
- 5 LIGHT & VENTILATION SHAFT
- 6 DUMBWAITER

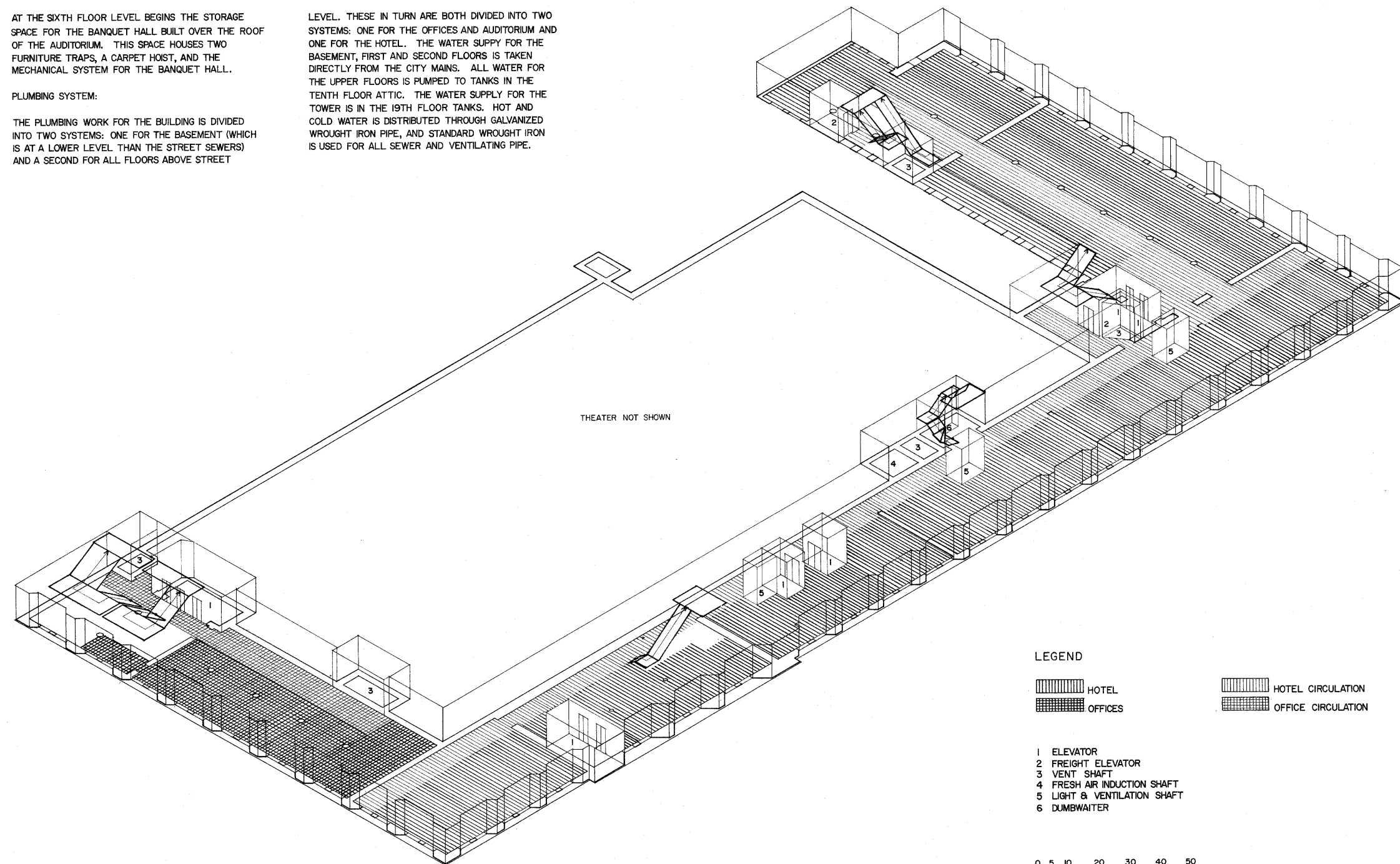


AT THE SIXTH FLOOR LEVEL BEGINS THE STORAGE SPACE FOR THE BANQUET HALL BUILT OVER THE ROOF OF THE AUDITORIUM. THIS SPACE HOUSES TWO FURNITURE TRAPS, A CARPET HOIST, AND THE MECHANICAL SYSTEM FOR THE BANQUET HALL.

PLUMBING SYSTEM:

THE PLUMBING WORK FOR THE BUILDING IS DIVIDED INTO TWO SYSTEMS: ONE FOR THE BASEMENT (WHICH IS AT A LOWER LEVEL THAN THE STREET SEWERS) AND A SECOND FOR ALL FLOORS ABOVE STREET

LEVEL. THESE IN TURN ARE BOTH DIVIDED INTO TWO SYSTEMS: ONE FOR THE OFFICES AND AUDITORIUM AND ONE FOR THE HOTEL. THE WATER SUPPLY FOR THE BASEMENT, FIRST AND SECOND FLOORS IS TAKEN DIRECTLY FROM THE CITY MAINS. ALL WATER FOR THE UPPER FLOORS IS PUMPED TO TANKS IN THE TENTH FLOOR ATTIC. THE WATER SUPPLY FOR THE TOWER IS IN THE 19TH FLOOR TANKS. HOT AND COLD WATER IS DISTRIBUTED THROUGH GALVANIZED WROUGHT IRON PIPE, AND STANDARD WROUGHT IRON IS USED FOR ALL SEWER AND VENTILATING PIPE.

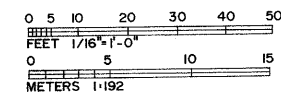


LEGEND

HOTEL
OFFICES

HOTEL CIRCULATION
OFFICE CIRCULATION

- 1 ELEVATOR
- 2 FREIGHT ELEVATOR
- 3 VENT SHAFT
- 4 FRESH AIR INDUCTION SHAFT
- 5 LIGHT & VENTILATION SHAFT
- 6 DUMBWAITER

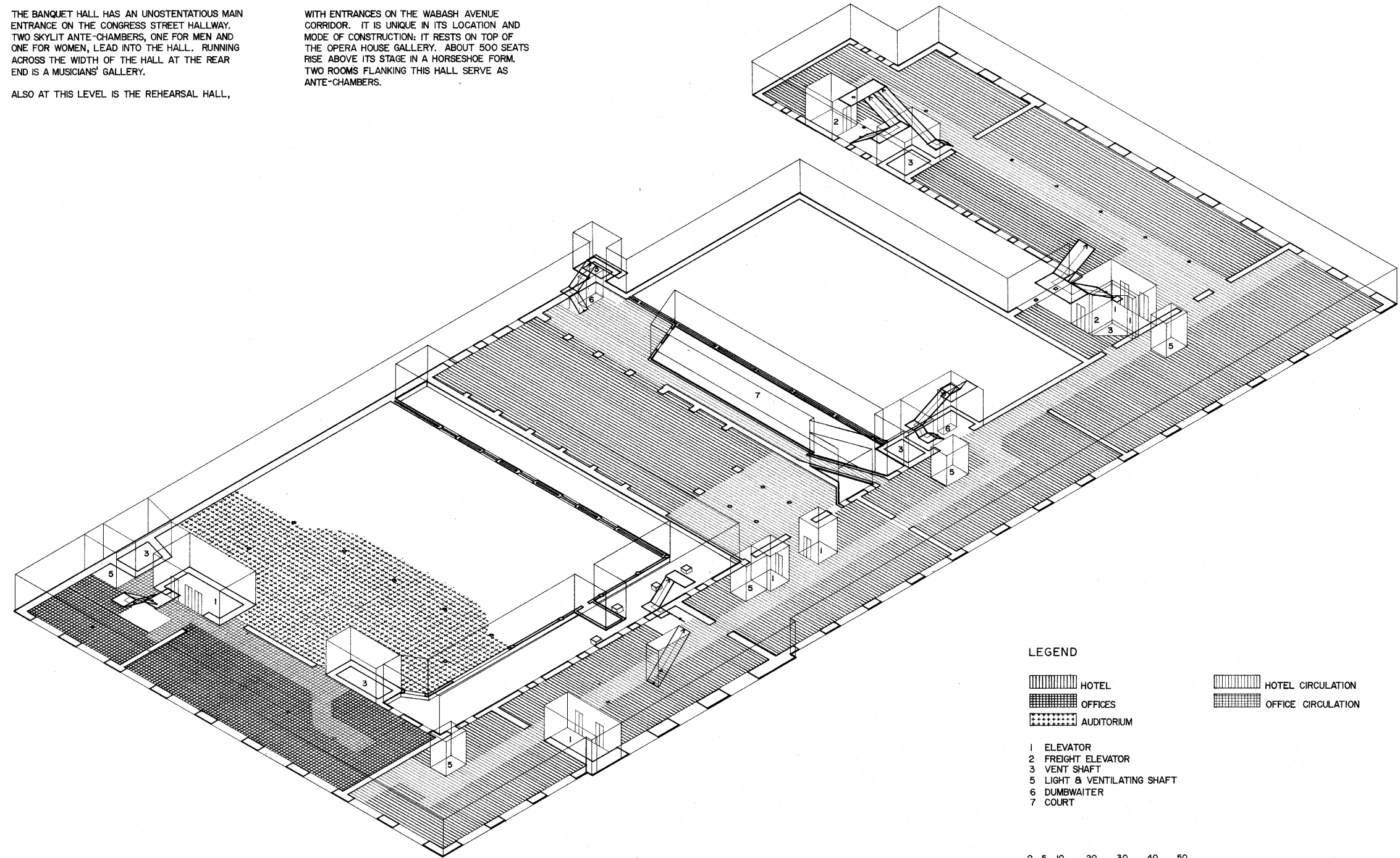


4TH-6TH FLOORS - FUNCTIONAL ZONING






THE BANQUET HALL HAS AN UNOSTENTATIOUS MAIN ENTRANCE ON THE CONGRESS STREET HALLWAY. TWO SKYLIT ANTE-CHAMBERS, ONE FOR MEN AND ONE FOR WOMEN, LEAD INTO THE HALL. RUNNING ACROSS THE WIDTH OF THE HALL AT THE REAR END IS A MUSICIANS' GALLERY.

ALSO AT THIS LEVEL IS THE REHEARSAL HALL,

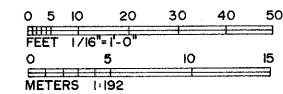
WITH ENTRANCES ON THE WABASH AVENUE CORRIDOR. IT IS UNIQUE IN ITS LOCATION AND MODE OF CONSTRUCTION: IT RESTS ON TOP OF THE OPERA HOUSE GALLERY. ABOUT 500 SEATS RISE ABOVE ITS STAGE IN A HORSESHOE FORM. TWO ROOMS FLANKING THIS HALL SERVE AS ANTE-CHAMBERS.



LEGEND

- | | |
|--|--|
|  HOTEL |  HOTEL CIRCULATION |
|  OFFICES |  OFFICE CIRCULATION |
|  AUDITORIUM | |

- 1 ELEVATOR
- 2 FREIGHT ELEVATOR
- 3 VENT SHAFT
- 5 LIGHT & VENTILATING SHAFT
- 6 DUMBWAITER
- 7 COURT

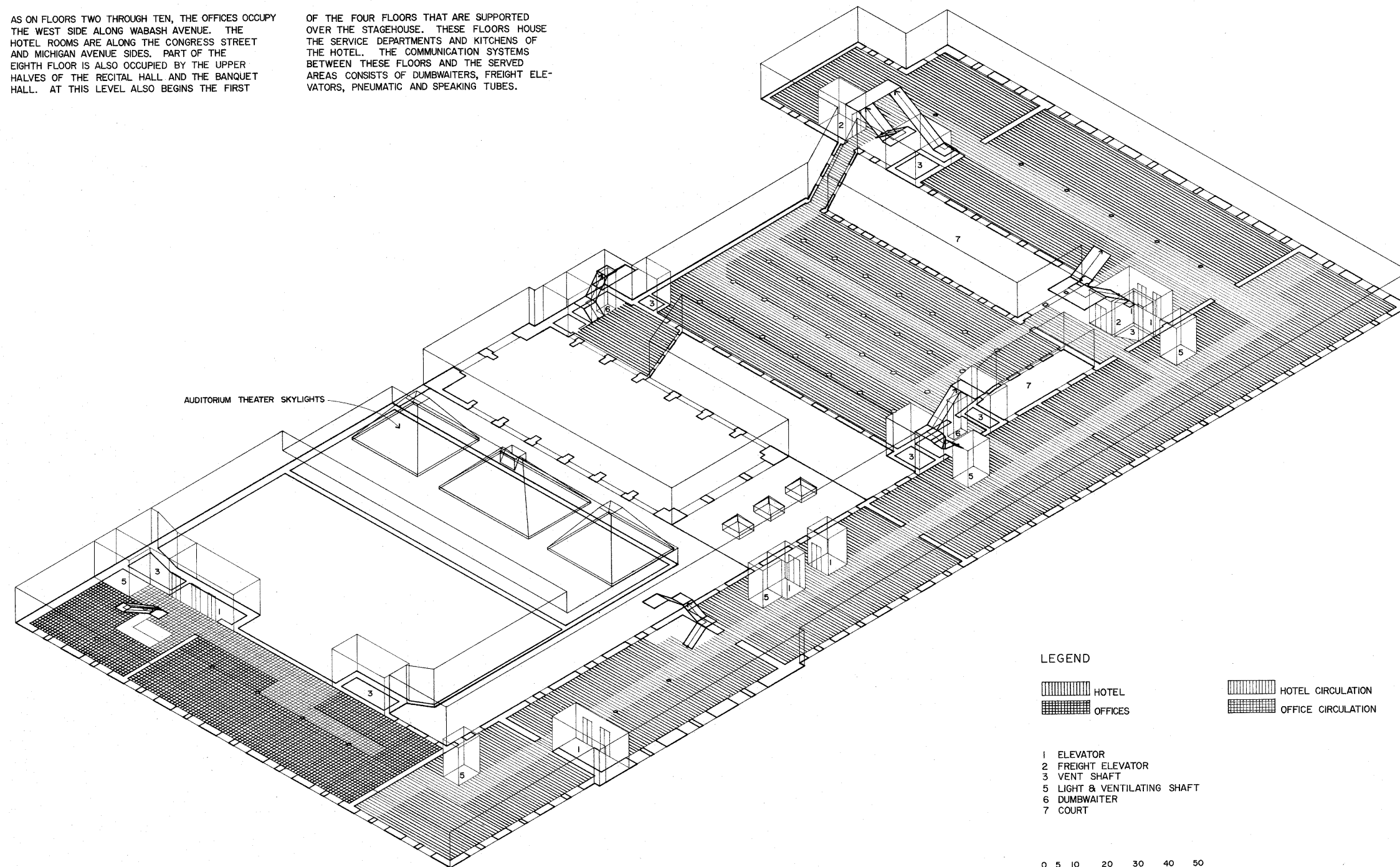


7TH FLOOR - FUNCTIONAL ZONING

AS ON FLOORS TWO THROUGH TEN, THE OFFICES OCCUPY THE WEST SIDE ALONG WABASH AVENUE. THE HOTEL ROOMS ARE ALONG THE CONGRESS STREET AND MICHIGAN AVENUE SIDES. PART OF THE EIGHTH FLOOR IS ALSO OCCUPIED BY THE UPPER HALVES OF THE RECITAL HALL AND THE BANQUET HALL. AT THIS LEVEL ALSO BEGINS THE FIRST

OF THE FOUR FLOORS THAT ARE SUPPORTED OVER THE STAGEHOUSE. THESE FLOORS HOUSE THE SERVICE DEPARTMENTS AND KITCHENS OF THE HOTEL. THE COMMUNICATION SYSTEMS BETWEEN THESE FLOORS AND THE SERVED AREAS CONSISTS OF DUMBWAITERS, FREIGHT ELEVATORS, PNEUMATIC AND SPEAKING TUBES.

AUDITORIUM THEATER SKYLIGHTS

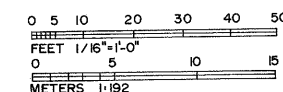


LEGEND

HOTEL
 OFFICES

HOTEL CIRCULATION
 OFFICE CIRCULATION

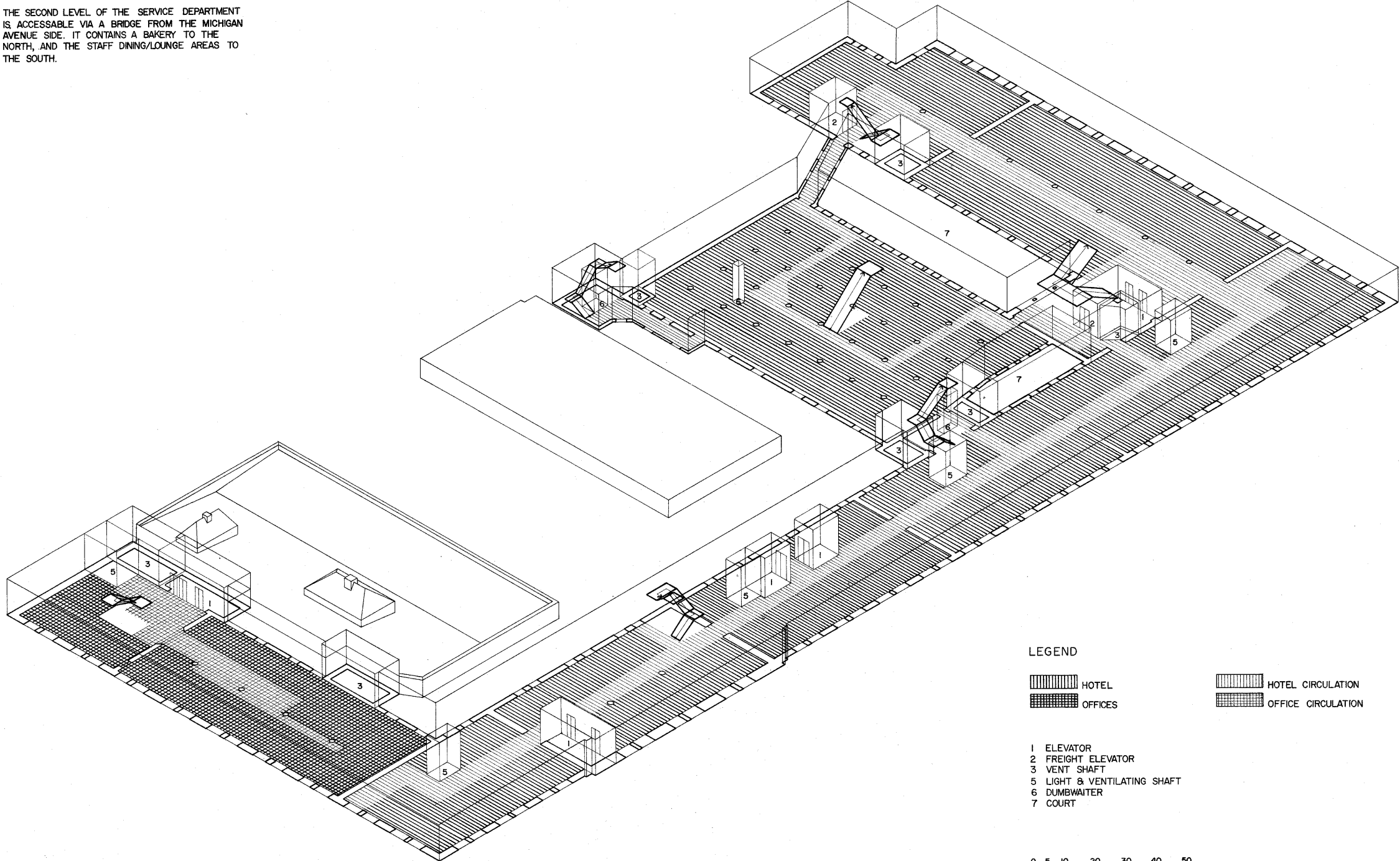
- 1 ELEVATOR
- 2 FREIGHT ELEVATOR
- 3 VENT SHAFT
- 5 LIGHT & VENTILATING SHAFT
- 6 DUMBWAITER
- 7 COURT



8TH FLOOR - FUNCTIONAL ZONING





THE SECOND LEVEL OF THE SERVICE DEPARTMENT IS ACCESSIBLE VIA A BRIDGE FROM THE MICHIGAN AVENUE SIDE. IT CONTAINS A BAKERY TO THE NORTH, AND THE STAFF DINING/LOUNGE AREAS TO THE SOUTH.

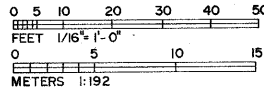


LEGEND

 HOTEL
 OFFICES

 HOTEL CIRCULATION
 OFFICE CIRCULATION

- 1 ELEVATOR
- 2 FREIGHT ELEVATOR
- 3 VENT SHAFT
- 5 LIGHT & VENTILATING SHAFT
- 6 DUMBWAITER
- 7 COURT

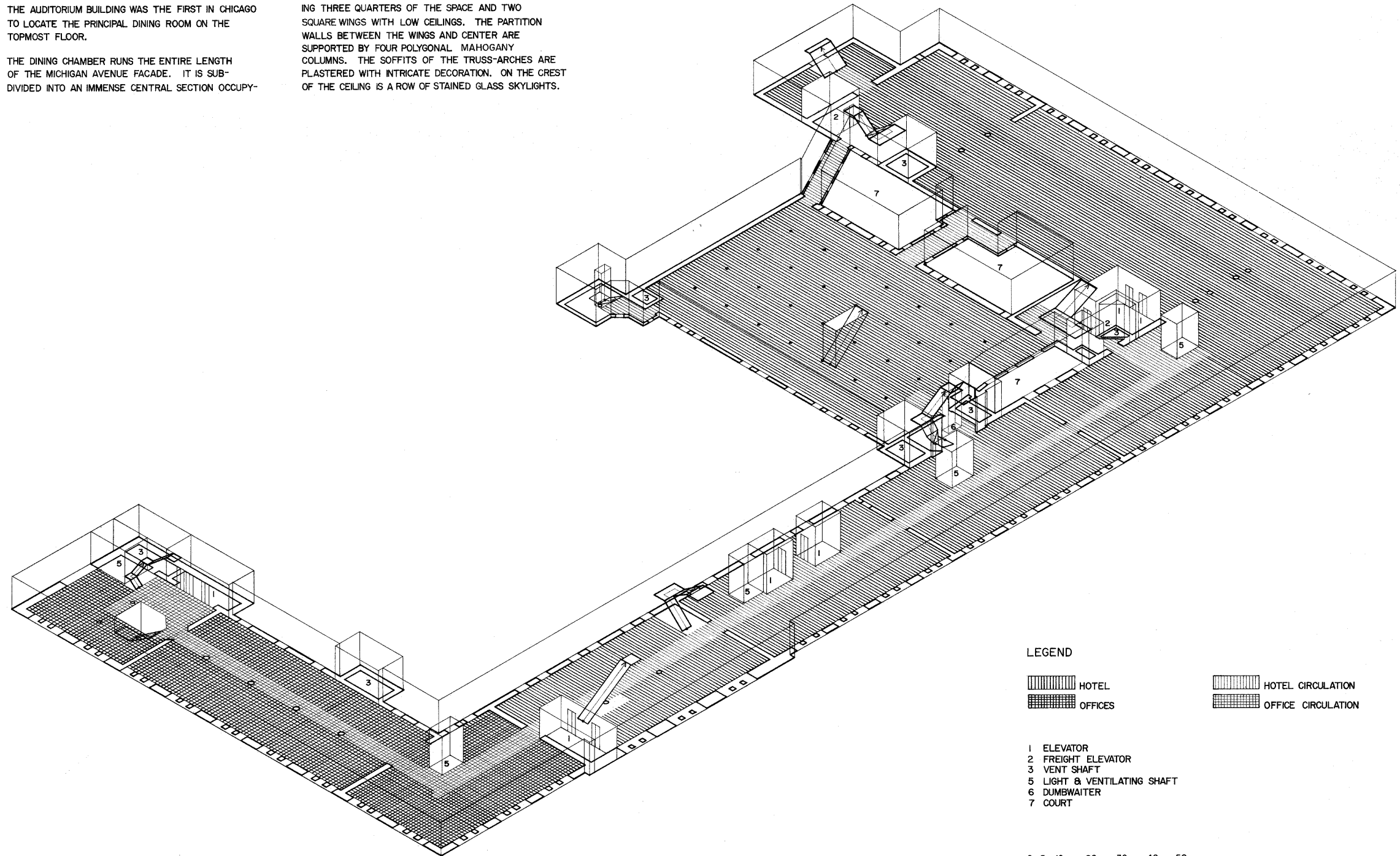


9TH FLOOR - FUNCTIONAL ZONING

THE AUDITORIUM BUILDING WAS THE FIRST IN CHICAGO TO LOCATE THE PRINCIPAL DINING ROOM ON THE TOPMOST FLOOR.

THE DINING CHAMBER RUNS THE ENTIRE LENGTH OF THE MICHIGAN AVENUE FACADE. IT IS SUB-DIVIDED INTO AN IMMENSE CENTRAL SECTION OCCUPY-

ING THREE QUARTERS OF THE SPACE AND TWO SQUARE WINGS WITH LOW CEILINGS. THE PARTITION WALLS BETWEEN THE WINGS AND CENTER ARE SUPPORTED BY FOUR POLYGONAL MAHOGANY COLUMNS. THE SOFFITS OF THE TRUSS-ARCHES ARE PLASTERED WITH INTRICATE DECORATION. ON THE CREST OF THE CEILING IS A ROW OF STAINED GLASS SKYLIGHTS.



LEGEND

HOTEL
 OFFICES

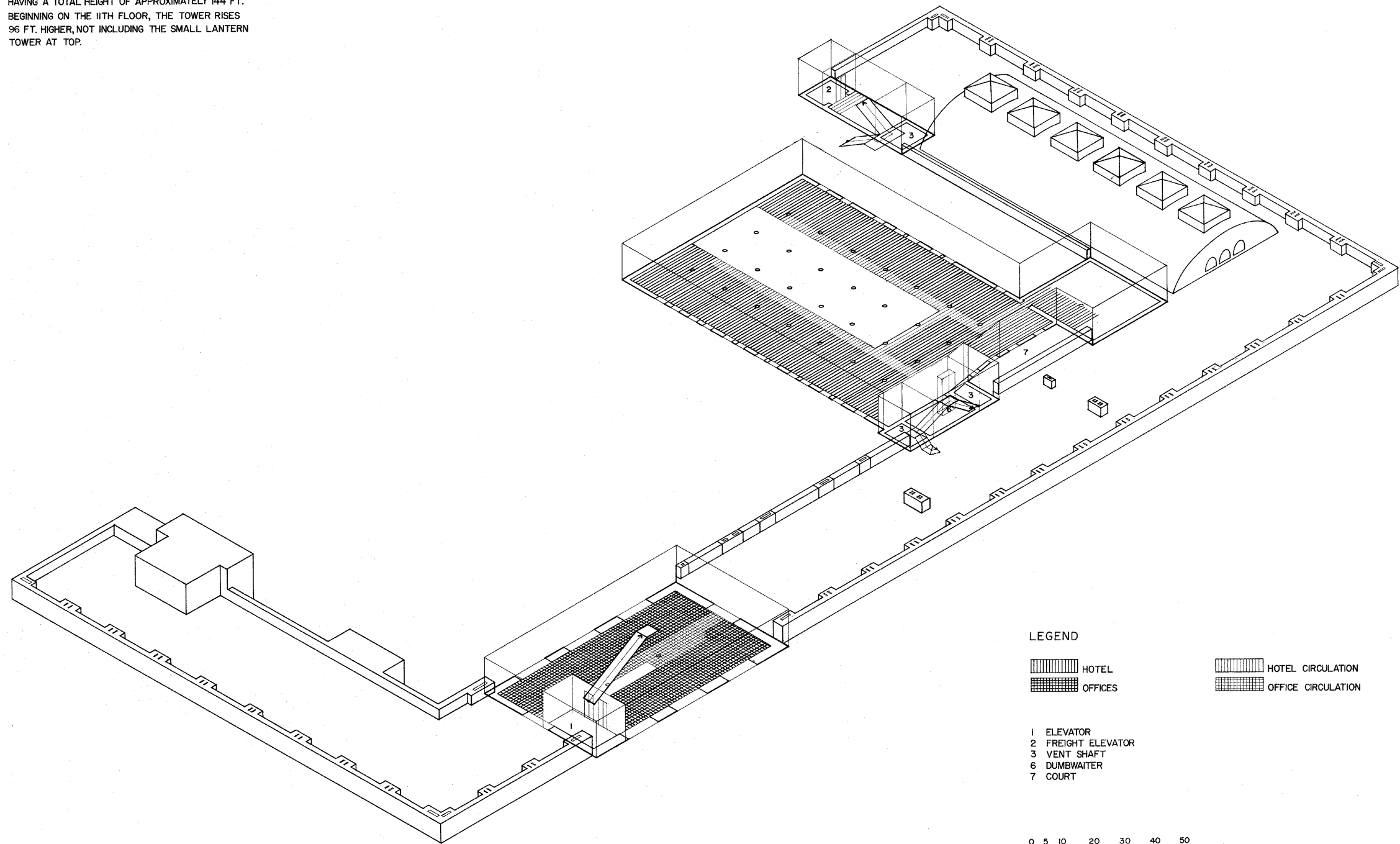
HOTEL CIRCULATION
 OFFICE CIRCULATION

- 1 ELEVATOR
- 2 FREIGHT ELEVATOR
- 3 VENT SHAFT
- 5 LIGHT & VENTILATING SHAFT
- 6 DUMBWAITER
- 7 COURT

0 5 10 20 30 40 50
 FEET 1/16" = 1'-0"
 0 5 10 15
 METERS 1:192

10TH FLOOR - FUNCTIONAL ZONING

THERE ARE 10 STORIES IN THE AUDITORIUM PROPER,
HAVING A TOTAL HEIGHT OF APPROXIMATELY 144 FT.
BEGINNING ON THE 11TH FLOOR, THE TOWER RISES
96 FT. HIGHER, NOT INCLUDING THE SMALL LANTERN
TOWER AT TOP.

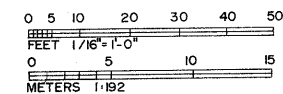


LEGEND

HOTEL
 OFFICES

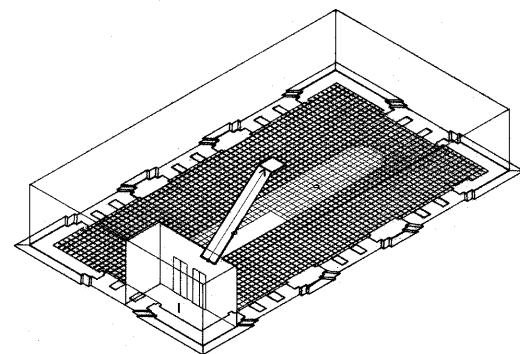
HOTEL CIRCULATION
 OFFICE CIRCULATION

- 1 ELEVATOR
- 2 FREIGHT ELEVATOR
- 3 VENT SHAFT
- 6 DUMBWAITER
- 7 COURT

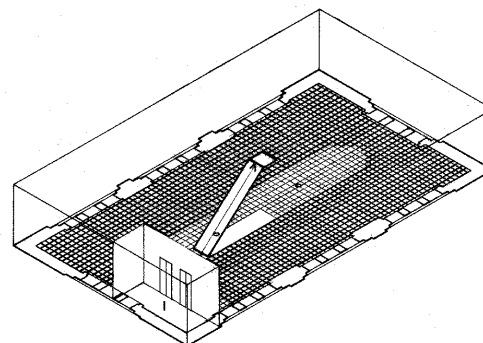


11TH FLOOR - FUNCTIONAL ZONING

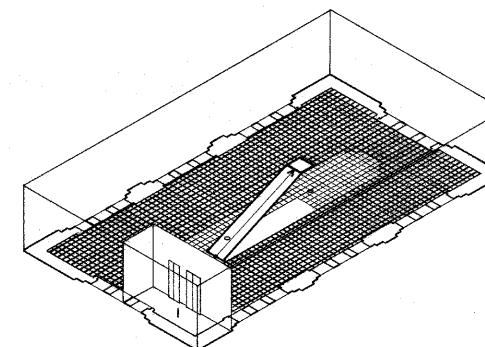




12TH FLOOR



13TH FLOOR



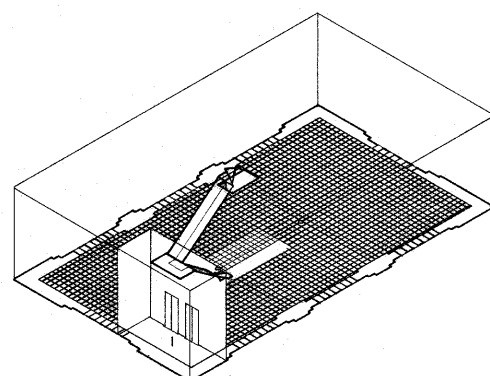
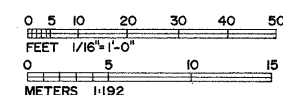
14TH FLOOR

12TH-17TH FLOORS - FUNCTIONAL ZONING

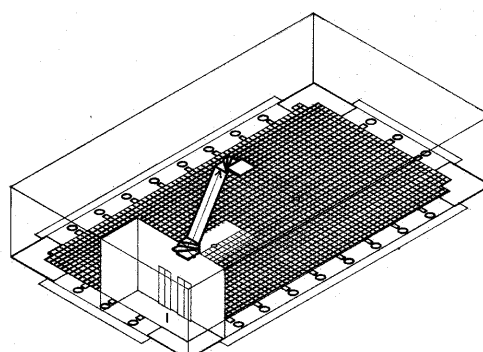
LEGEND



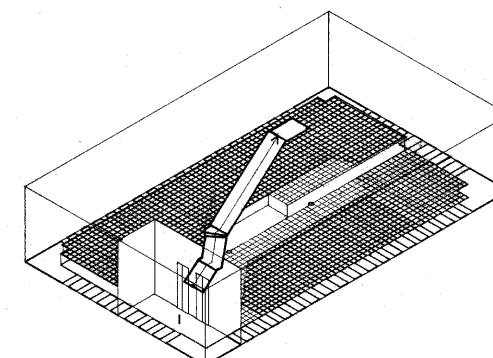
I ELEVATOR



15TH FLOOR



16TH FLOOR

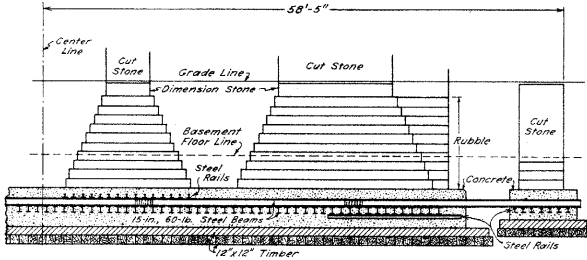
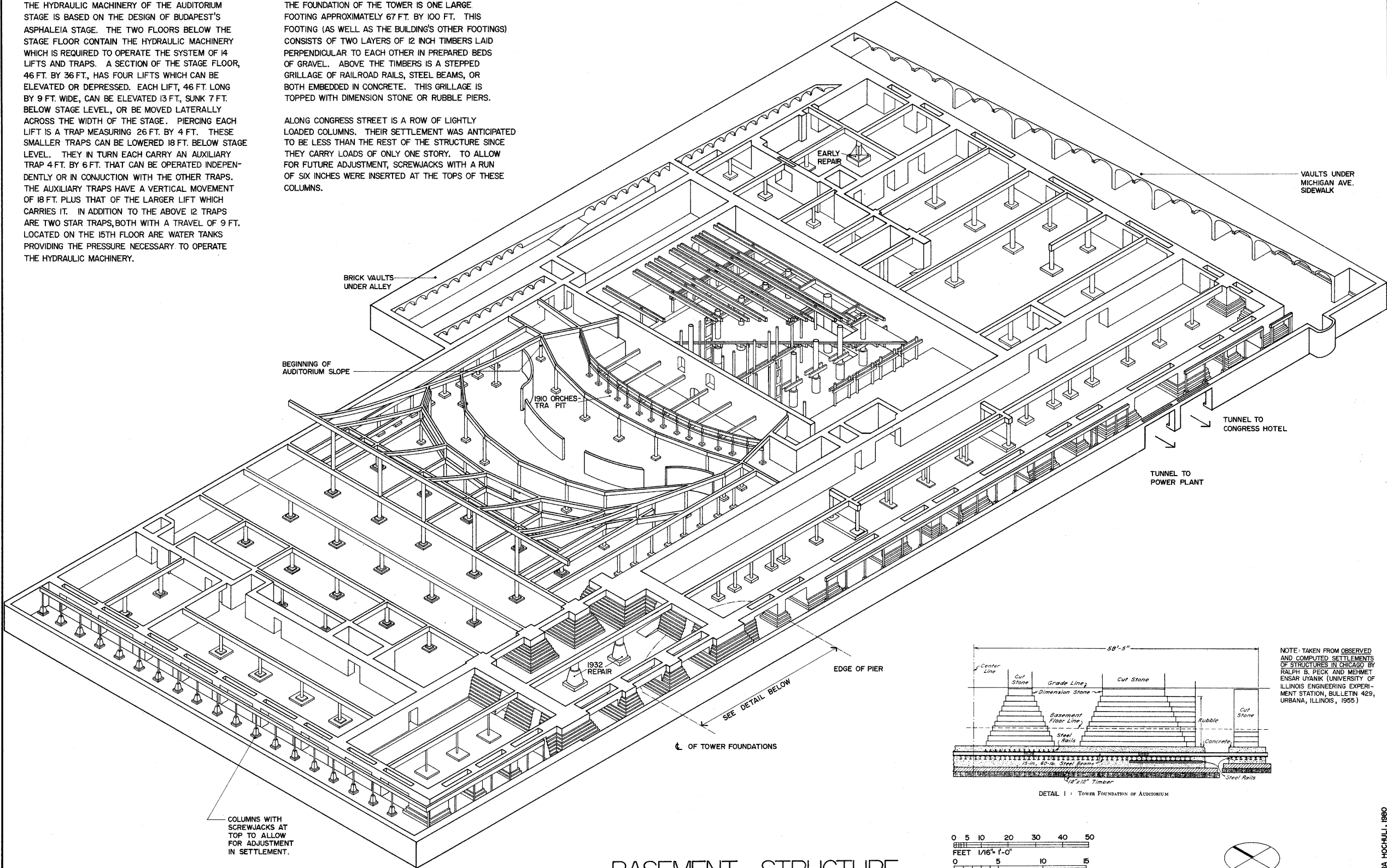


17TH FLOOR

THE HYDRAULIC MACHINERY OF THE AUDITORIUM STAGE IS BASED ON THE DESIGN OF BUDAPEST'S ASPHLEIA STAGE. THE TWO FLOORS BELOW THE STAGE FLOOR CONTAIN THE HYDRAULIC MACHINERY WHICH IS REQUIRED TO OPERATE THE SYSTEM OF 14 LIFTS AND TRAPS. A SECTION OF THE STAGE FLOOR, 46 FT. BY 36 FT., HAS FOUR LIFTS WHICH CAN BE ELEVATED OR DEPRESSED. EACH LIFT, 46 FT. LONG BY 9 FT. WIDE, CAN BE ELEVATED 13 FT., SUNK 7 FT. BELOW STAGE LEVEL, OR BE MOVED Laterally ACROSS THE WIDTH OF THE STAGE. PIERCING EACH LIFT IS A TRAP MEASURING 26 FT. BY 4 FT. THESE SMALLER TRAPS CAN BE LOWERED 18 FT. BELOW STAGE LEVEL. THEY IN TURN EACH CARRY AN AUXILIARY TRAP 4 FT. BY 6 FT. THAT CAN BE OPERATED INDEPENDENTLY OR IN CONJUNCTION WITH THE OTHER TRAPS. THE AUXILIARY TRAPS HAVE A VERTICAL MOVEMENT OF 18 FT. PLUS THAT OF THE LARGER LIFT WHICH CARRIES IT. IN ADDITION TO THE ABOVE 12 TRAPS ARE TWO STAR TRAPS, BOTH WITH A TRAVEL OF 9 FT. LOCATED ON THE 15TH FLOOR ARE WATER TANKS PROVIDING THE PRESSURE NECESSARY TO OPERATE THE HYDRAULIC MACHINERY.

THE FOUNDATION OF THE TOWER IS ONE LARGE FOOTING APPROXIMATELY 67 FT. BY 100 FT. THIS FOOTING (AS WELL AS THE BUILDING'S OTHER FOOTINGS) CONSISTS OF TWO LAYERS OF 12 INCH TIMBERS LAID PERPENDICULAR TO EACH OTHER IN PREPARED BEDS OF GRAVEL. ABOVE THE TIMBERS IS A STEPPED GRILLAGE OF RAILROAD RAILS, STEEL BEAMS, OR BOTH EMBEDDED IN CONCRETE. THIS GRILLAGE IS TOPPED WITH DIMENSION STONE OR RUBBLE PIERS.

ALONG CONGRESS STREET IS A ROW OF LIGHTLY LOADED COLUMNS. THEIR SETTLEMENT WAS ANTICIPATED TO BE LESS THAN THE REST OF THE STRUCTURE SINCE THEY CARRY LOADS OF ONLY ONE STORY. TO ALLOW FOR FUTURE ADJUSTMENT, SCREWJACKS WITH A RUN OF SIX INCHES WERE INSERTED AT THE TOPS OF THESE COLUMNS.



DETAIL 1 : TOWER FOUNDATION OF AUDITORIUM

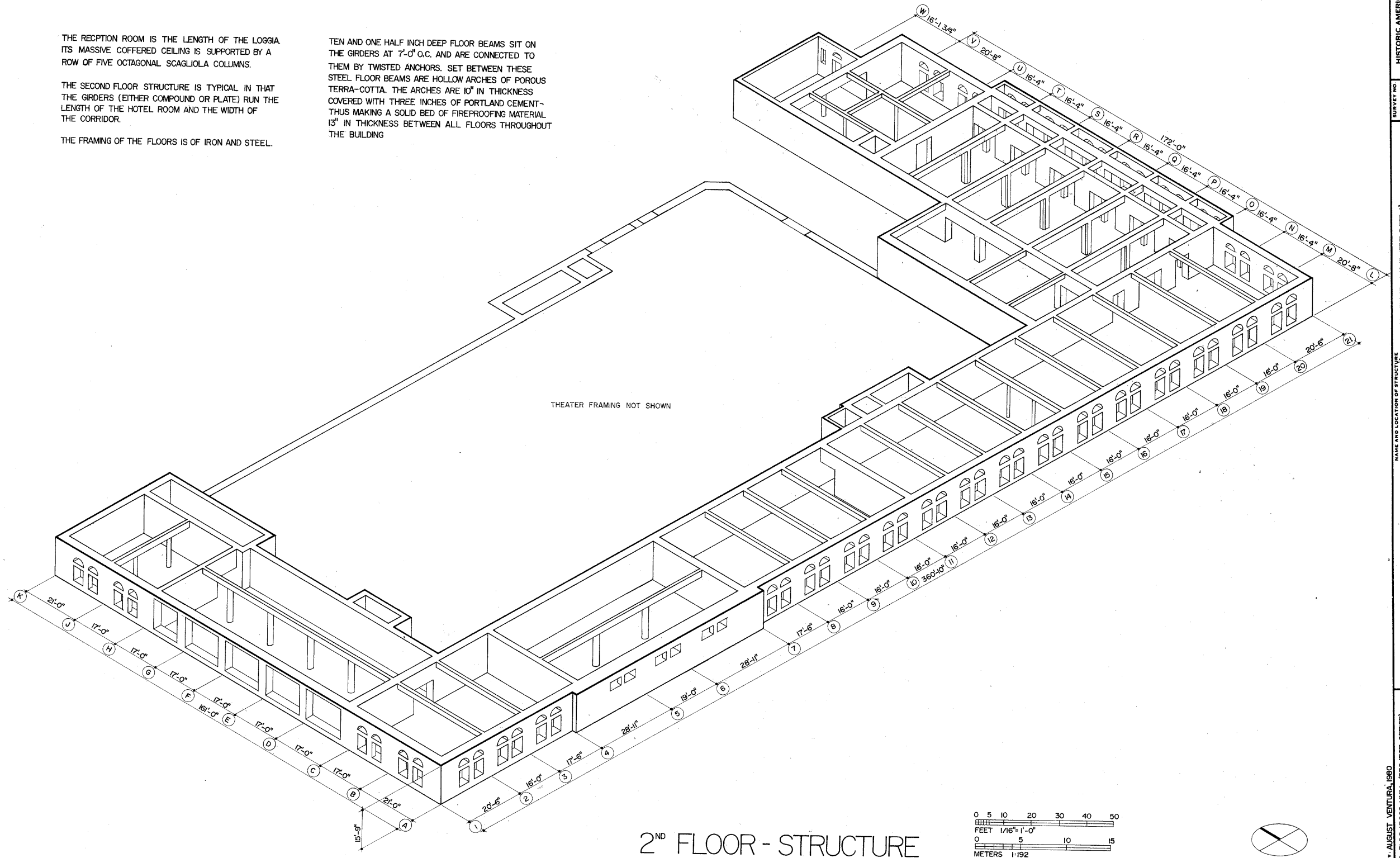


NOTE: TAKEN FROM OBSERVED AND COMPUTED SETTLEMENTS OF STRUCTURES IN CHICAGO BY RALPH B. PECK AND MEHMET ENSAR YUENK (UNIVERSITY OF ILLINOIS ENGINEERING EXPERIMENT STATION, BULLETIN 429, URBANA, ILLINOIS, 1955)

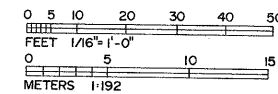
BASEMENT - STRUCTURE

THE FRAMING OF THE FLOORS IS OF IRON AND STEEL.

THEATER FRAMING NOT SHOWN



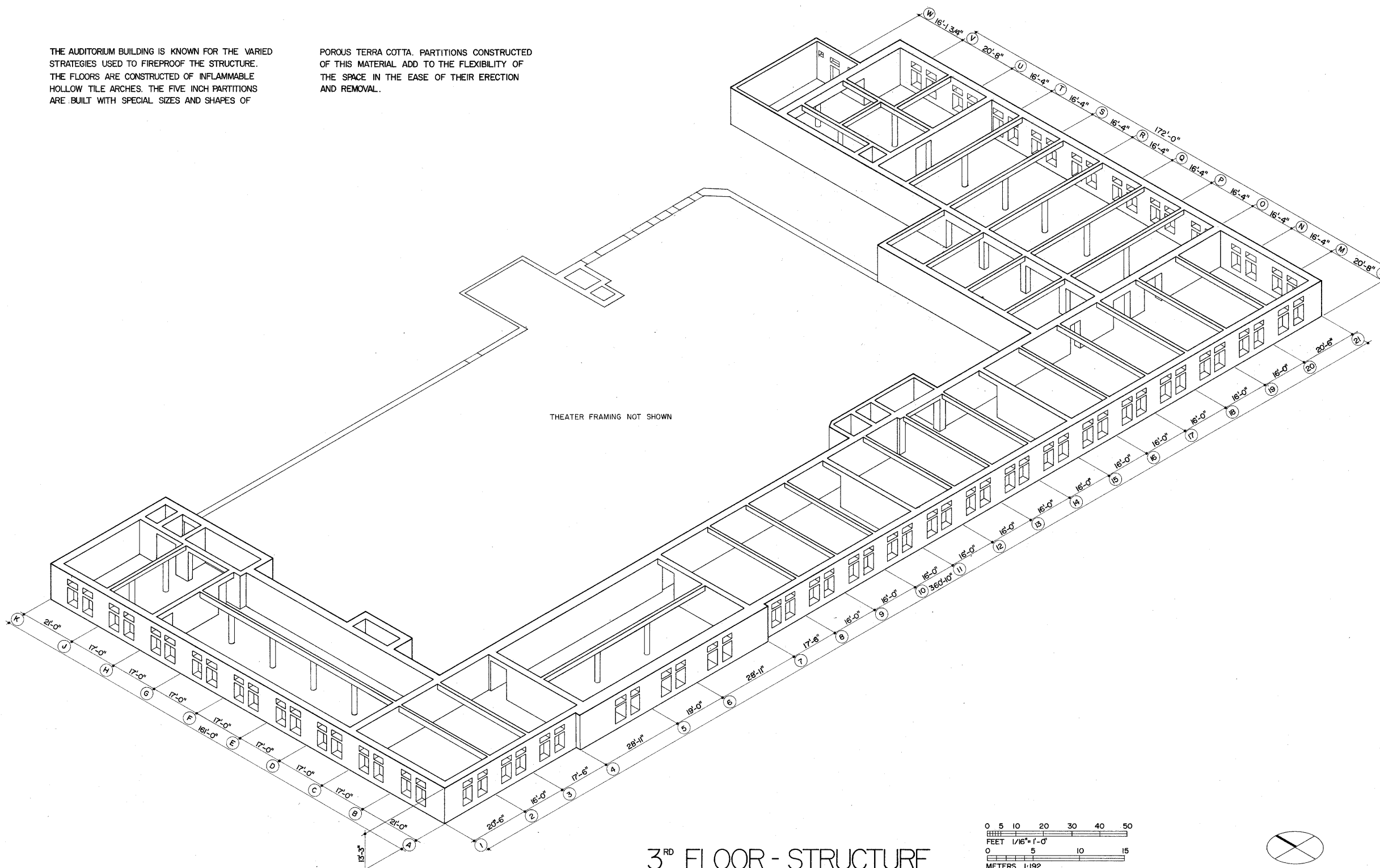
2ND FLOOR - STRUCTURE



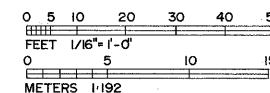
THE AUDITORIUM BUILDING IS KNOWN FOR THE VARIOUS STRATEGIES USED TO FIREPROOF THE STRUCTURE. THE FLOORS ARE CONSTRUCTED OF INFLAMMABLE HOLLOW TILE ARCHES. THE FIVE INCH PARTITIONS ARE BUILT WITH SPECIAL SIZES AND SHAPES OF

POROUS TERRA COTTA. PARTITIONS CONSTRUCTED OF THIS MATERIAL ADD TO THE FLEXIBILITY OF THE SPACE IN THE EASE OF THEIR ERECTION AND REMOVAL.

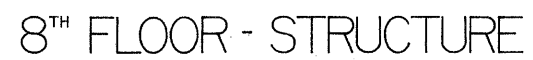
THEATER FRAMING NOT SHOWN

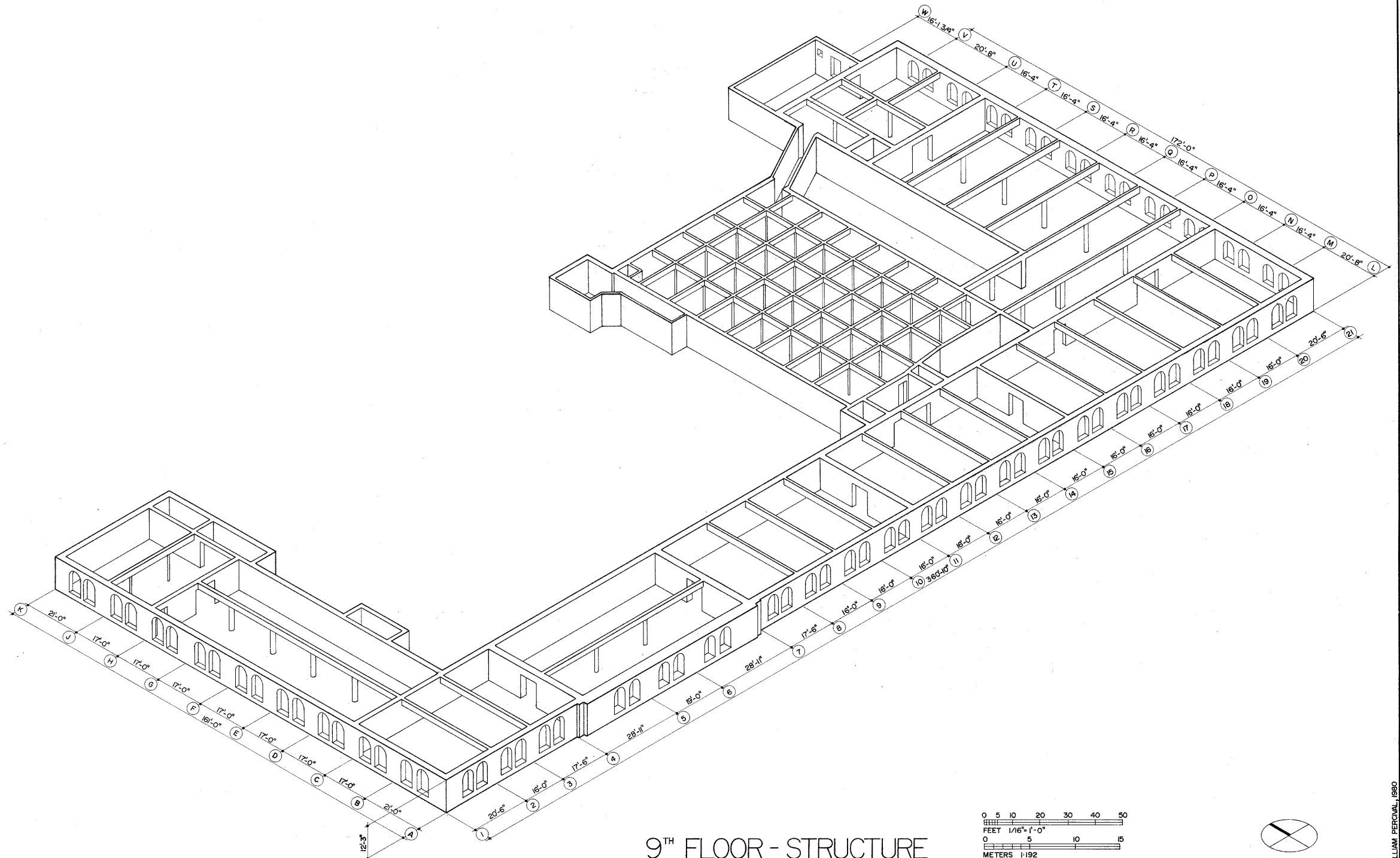


3RD FLOOR - STRUCTURE

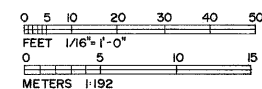


PROXIMITY. HENCE THE FOUR FLOORS OF KITCHENS AND SERVICES WERE CONSTRUCTED ON TOP OF THE STAGEHOUSE TRUSSES AND ALREADY COMPLETED ROOF. THE FRAMING SYSTEM IS SIMPLE COLUMN AND BEAM.

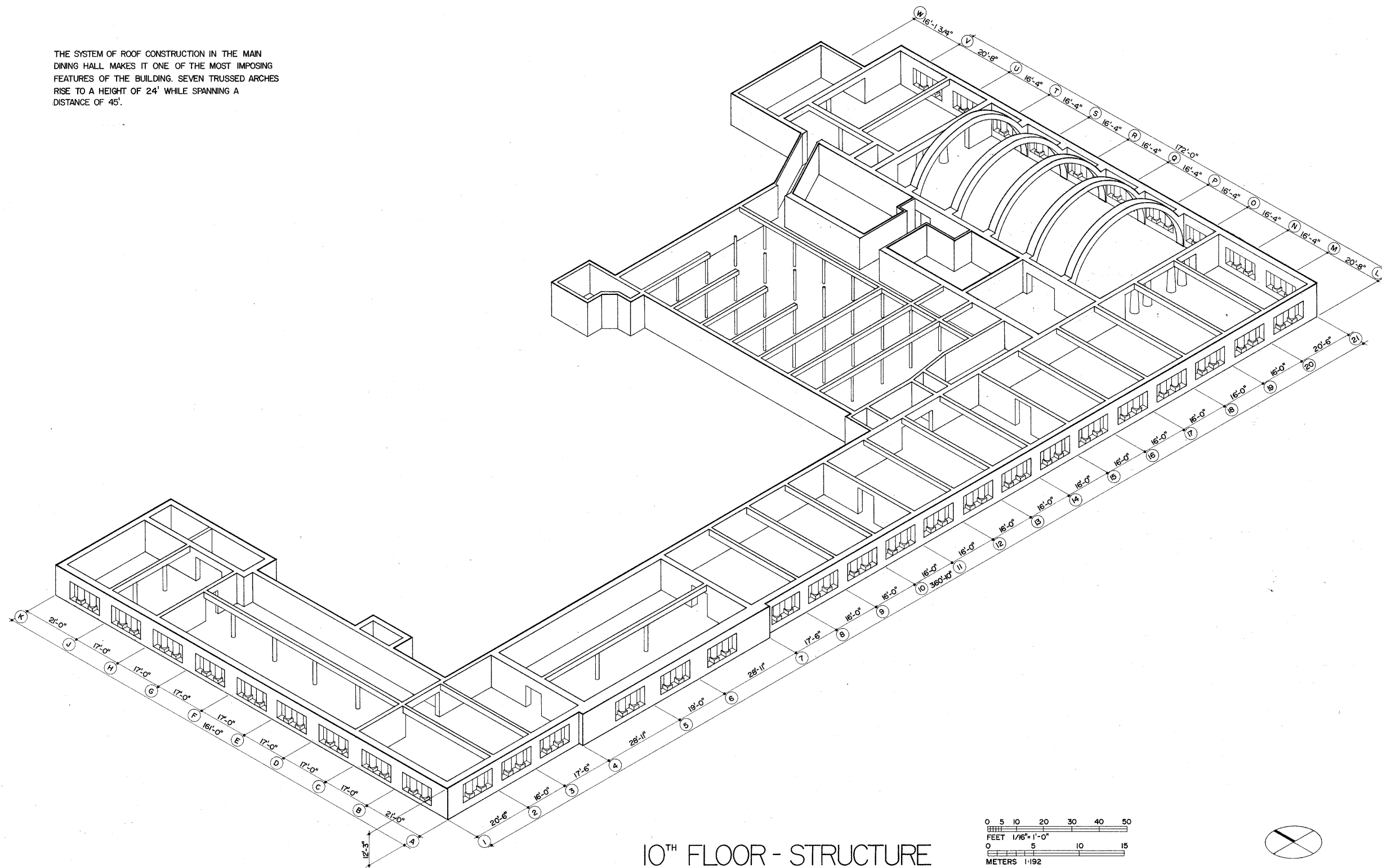




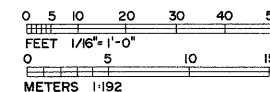
9TH FLOOR - STRUCTURE

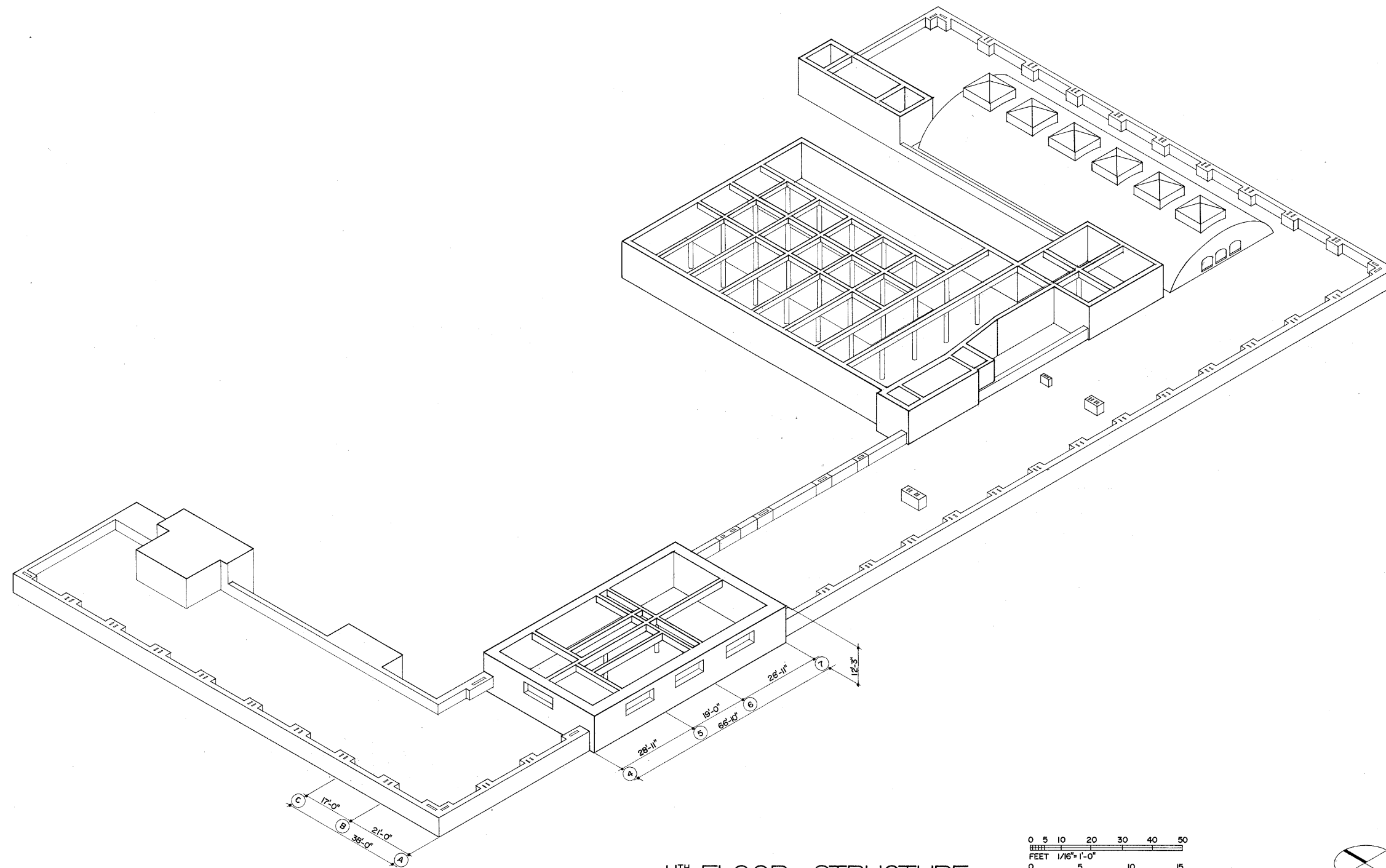


THE SYSTEM OF ROOF CONSTRUCTION IN THE MAIN DINING HALL MAKES IT ONE OF THE MOST IMPOSING FEATURES OF THE BUILDING. SEVEN TRUSSED ARCHES RISE TO A HEIGHT OF 24' WHILE SPANNING A DISTANCE OF 45'.

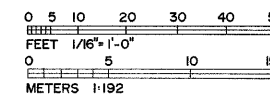


10TH FLOOR - STRUCTURE





11TH FLOOR - STRUCTURE



DRAWN BY: CATHY BERLOW, 1980

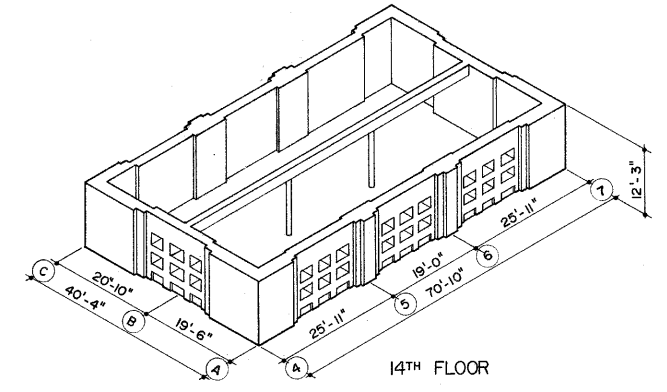
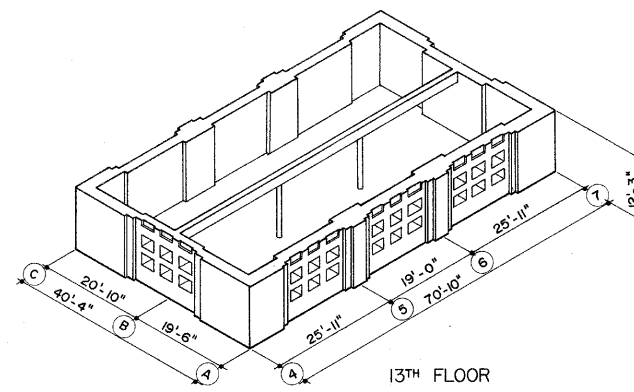
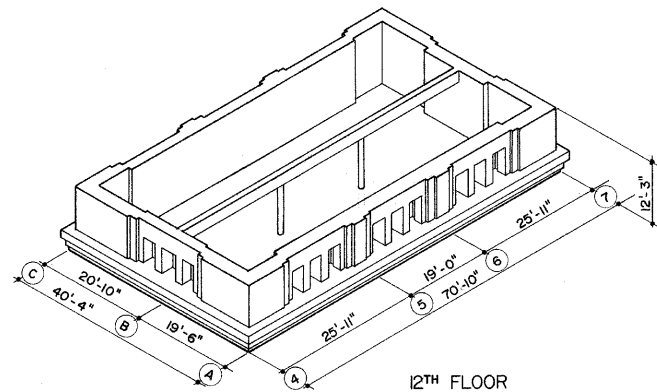
AUD. BLDG./ROOS. UNIV. (PROJECT OFFICE)
OFFICE OF ARCHITECTURE AND HISTORIC PRESERVATION
HUMANITIES RESEARCH CENTER
UNITED STATES DEPARTMENT OF THE INTERIOR

NAME AND LOCATION OF STRUCTURE
ADDENDUM TO AUDITORIUM BUILDING (ROOSEVELT UNIVERSITY)
430 S. MICHIGAN AVENUE CHICAGO COOK COUNTY ILLINOIS

SURVEY NO.
IL-1007

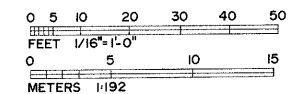
HISTORIC AMERICAN
BUILDINGS SURVEY
SHEET 22 OF 53 SHEETS

DATE OF CONSTRUCTION
1920

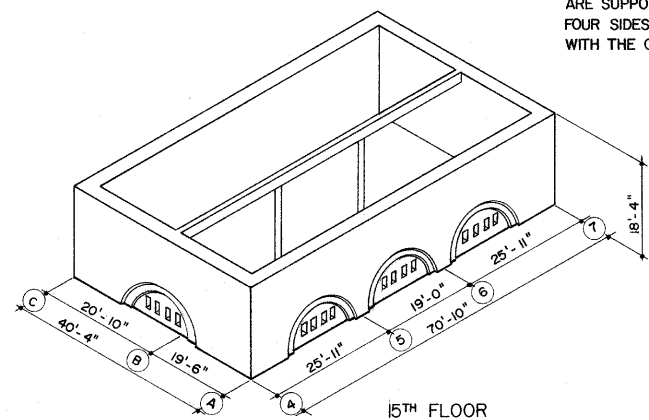


THE TOWER SECTION OF THE AUDITORIUM BUILDING INCLUDES VARIOUS OFFICES. THE STRUCTURE IS SIMPLE. THE MAIN GIRDER, SPANNING EAST-WEST THROUGH THE TOWER, IS CARRIED ON TWO COLUMNS.

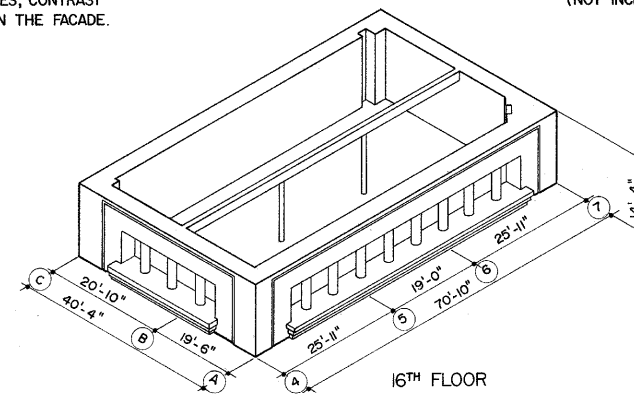
12TH-17TH FLOORS - STRUCTURE



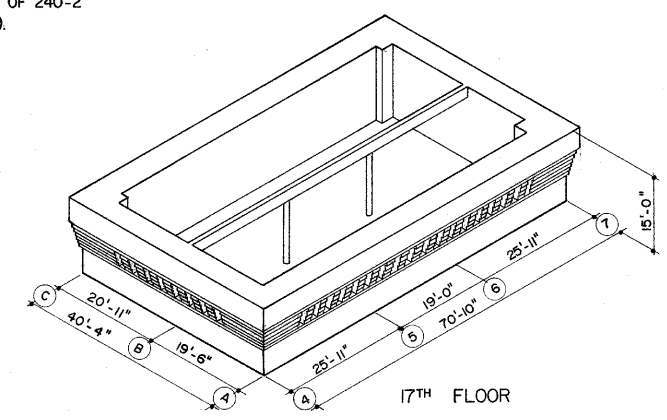
NOTE: OPENINGS ARE NOT SHOWN ON NORTH AND EAST WALLS

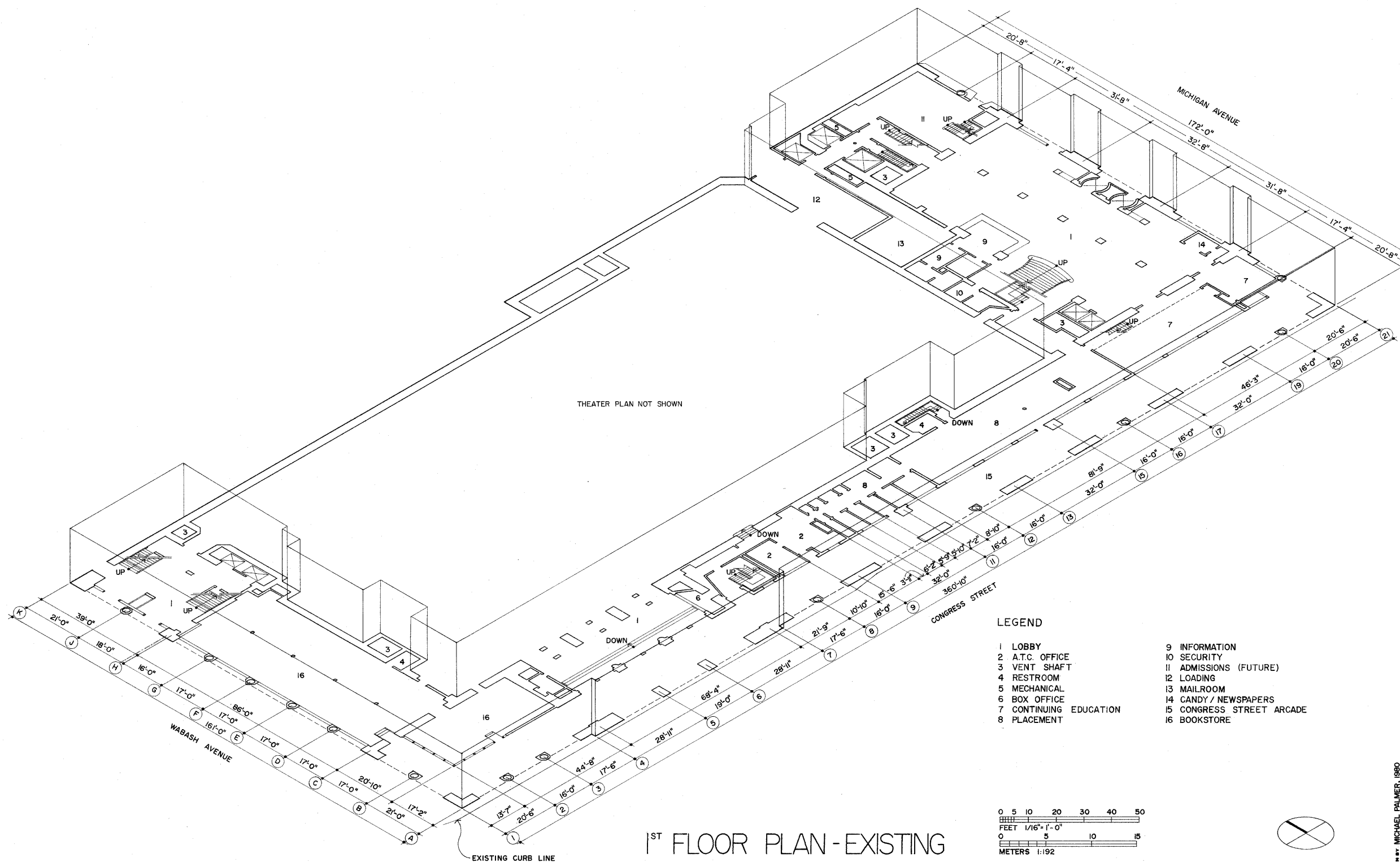


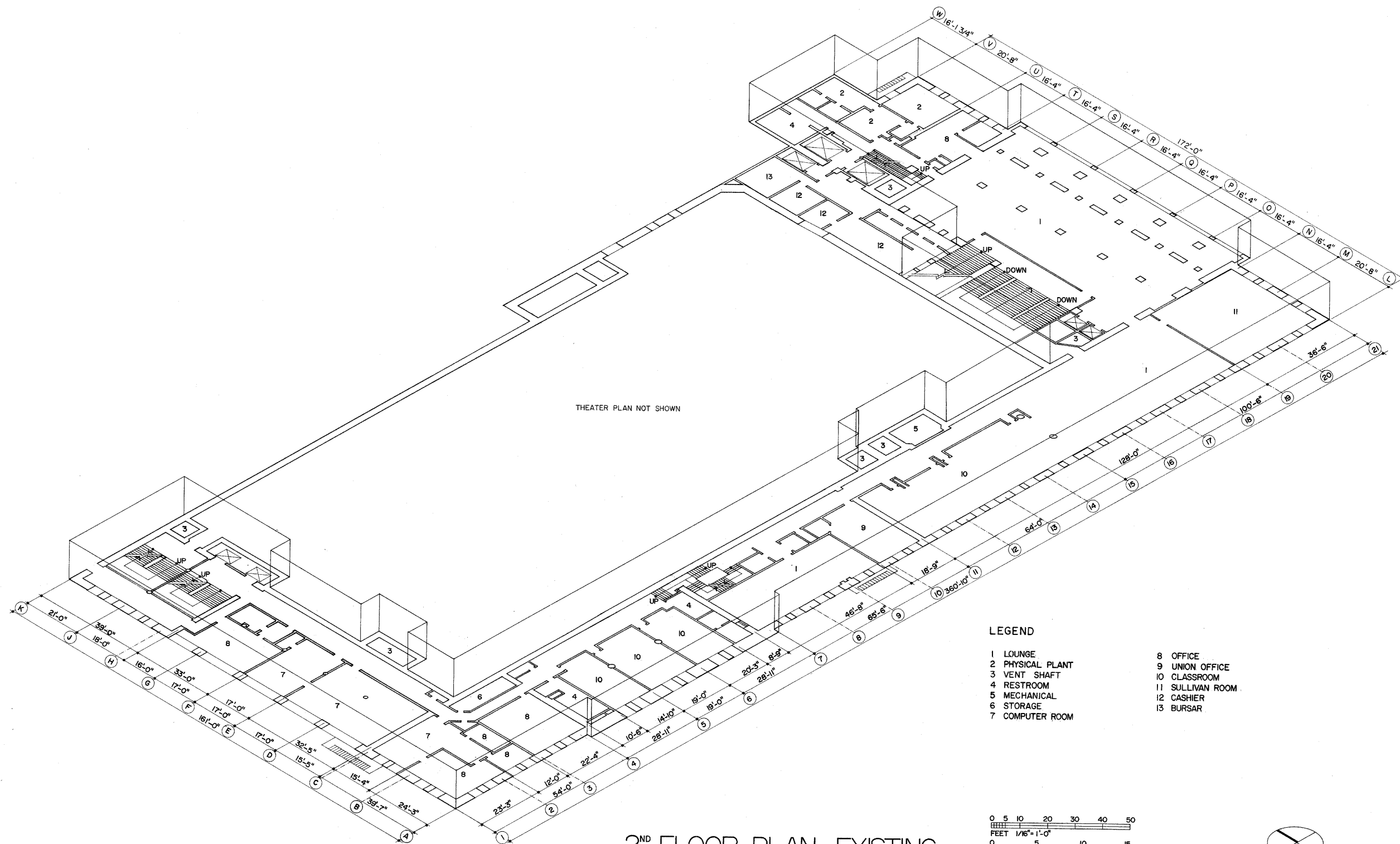
THE 16TH FLOOR WAS OCCUPIED BY ARCHITECTS ADLER AND SULLIVAN. THE SIGNIFICANCE OF THIS FLOOR IS EMPHASIZED ON THE EXTERIOR FACADE IN THE FRAMING OF THE GALLERY WINDOWS. THESE WINDOWS ARE SUPPORTED BY PROTO-DORIC COLUMNS ON ALL FOUR SIDES WHICH, BY THEIR BOLD LINES, CONTRAST WITH THE OTHER INTRICATE DETAILS ON THE FACADE.



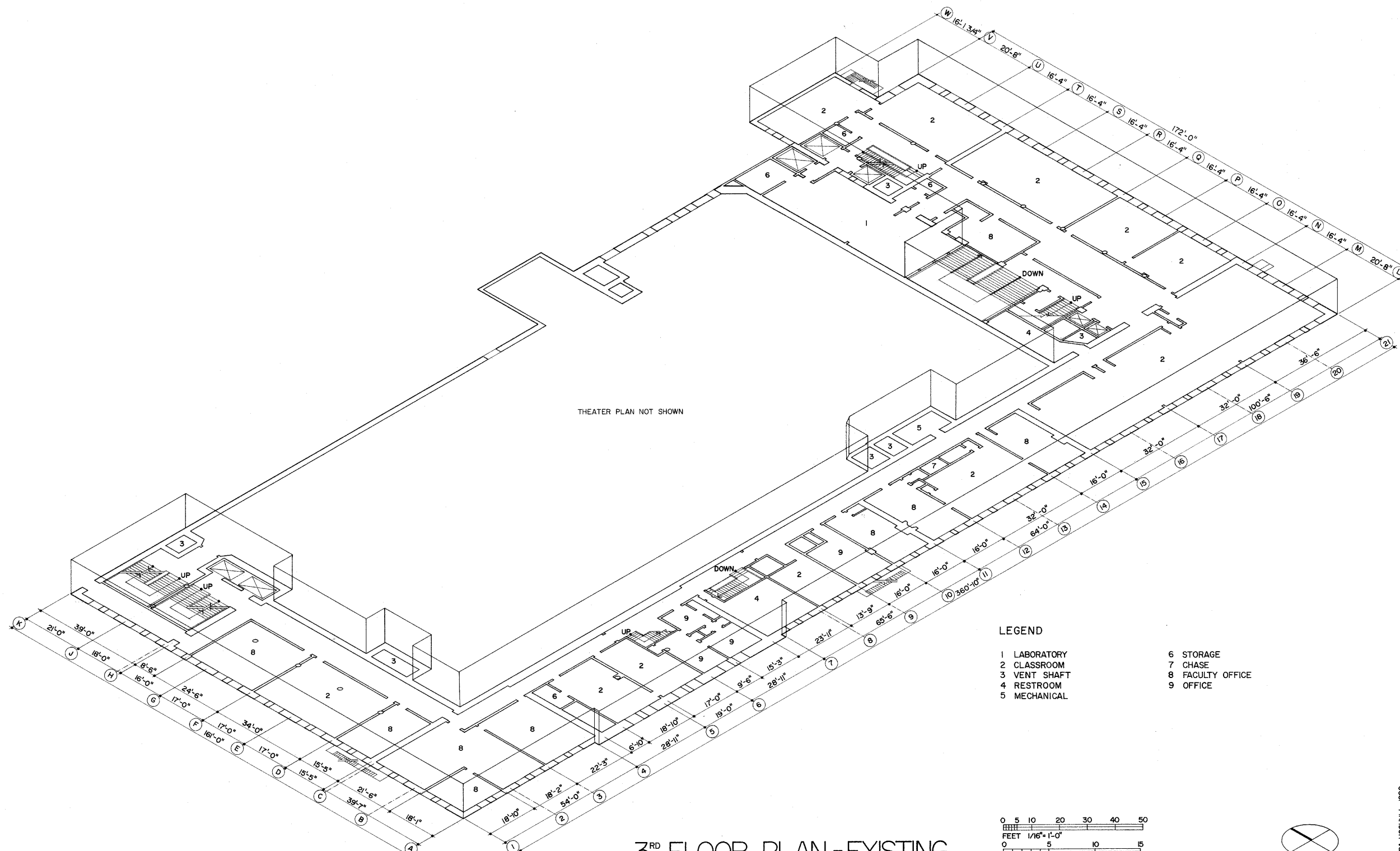
THE 17TH FLOOR HOUSED OFFICES OF THE U.S. SIGNAL SERVICE. AN IRON STAIRWAY LEADS TO THE LANTERN TOWER OBSERVATORY, AND HIGHER STILL IS A BALCONY THAT GIRDLES THIS OBSERVATORY. THE TOWER RISES TO A TOTAL HEIGHT OF 240'-2" (NOT INCLUDING THE LANTERN TOWER).







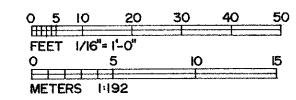
2ND FLOOR PLAN - EXISTING



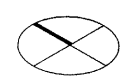
THEATER PLAN NOT SHOWN

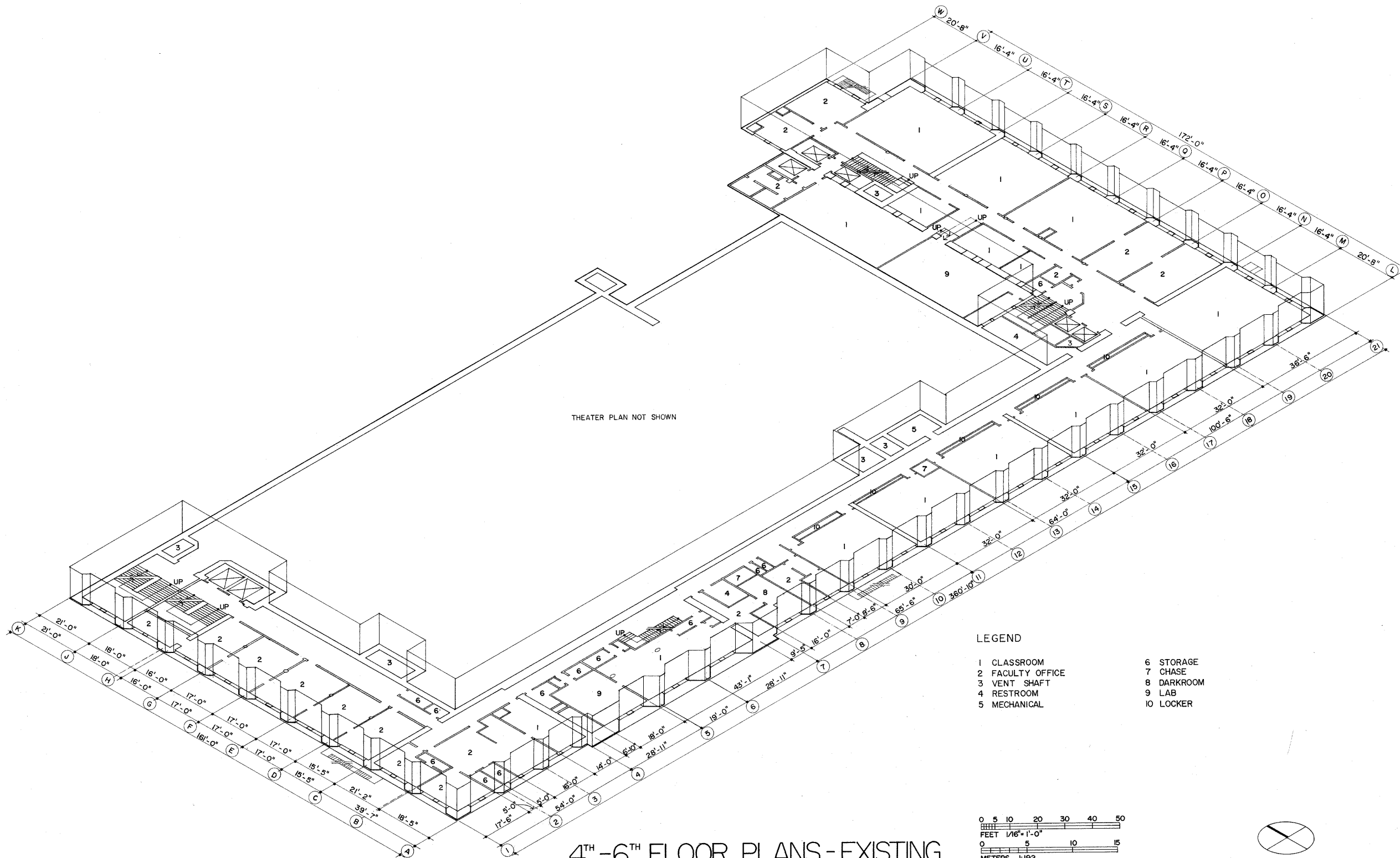
LEGEND

- | | |
|--------------|------------------|
| 1 LABORATORY | 6 STORAGE |
| 2 CLASSROOM | 7 CHASE |
| 3 VENT SHAFT | 8 FACULTY OFFICE |
| 4 RESTROOM | 9 OFFICE |
| 5 MECHANICAL | |



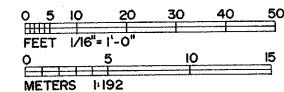
3RD FLOOR PLAN - EXISTING

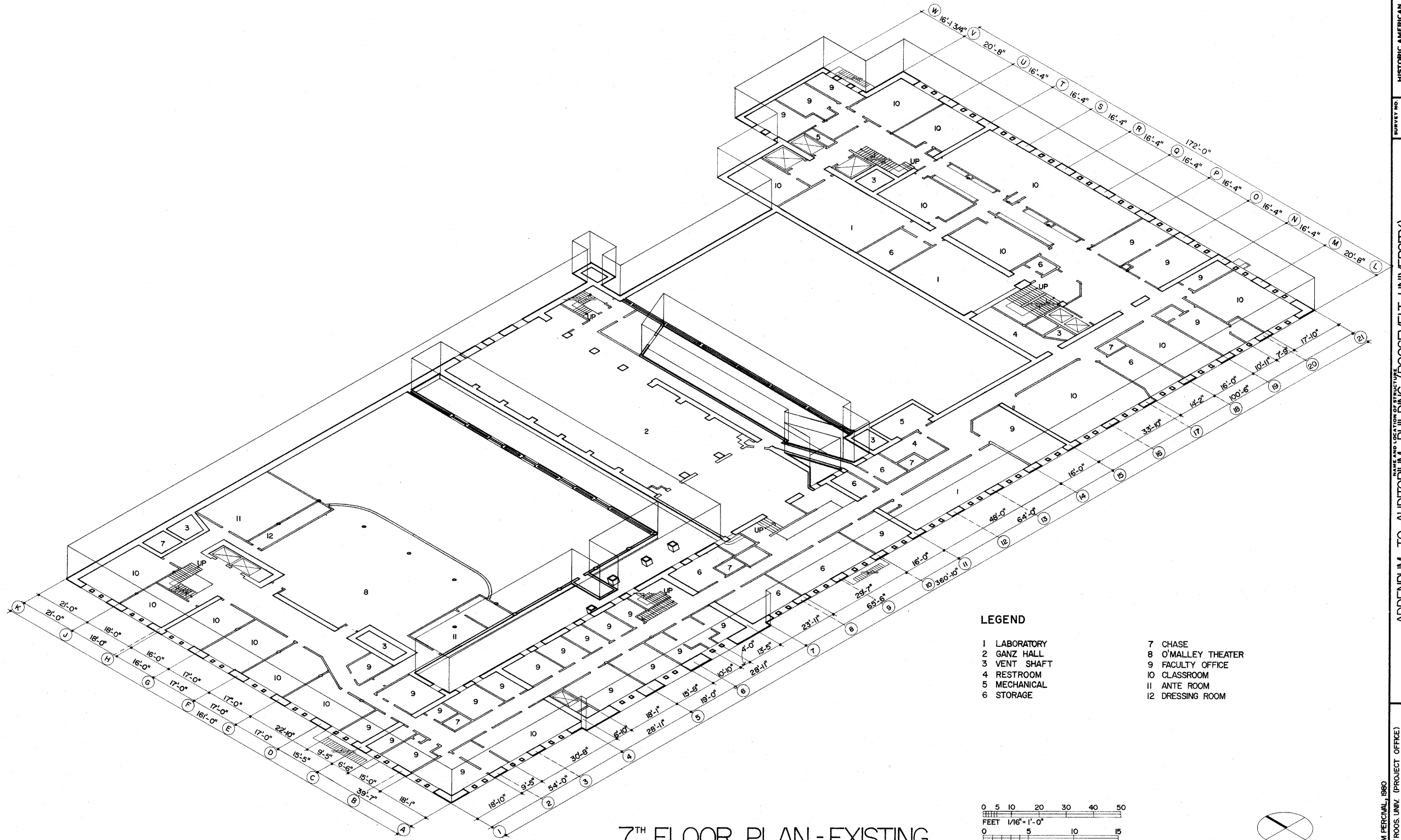




LEGEND

- | | |
|------------------|------------|
| 1 CLASSROOM | 6 STORAGE |
| 2 FACULTY OFFICE | 7 CHASE |
| 3 VENT SHAFT | 8 DARKROOM |
| 4 RESTROOM | 9 LAB |
| 5 MECHANICAL | 10 LOCKER |

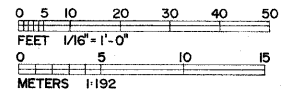


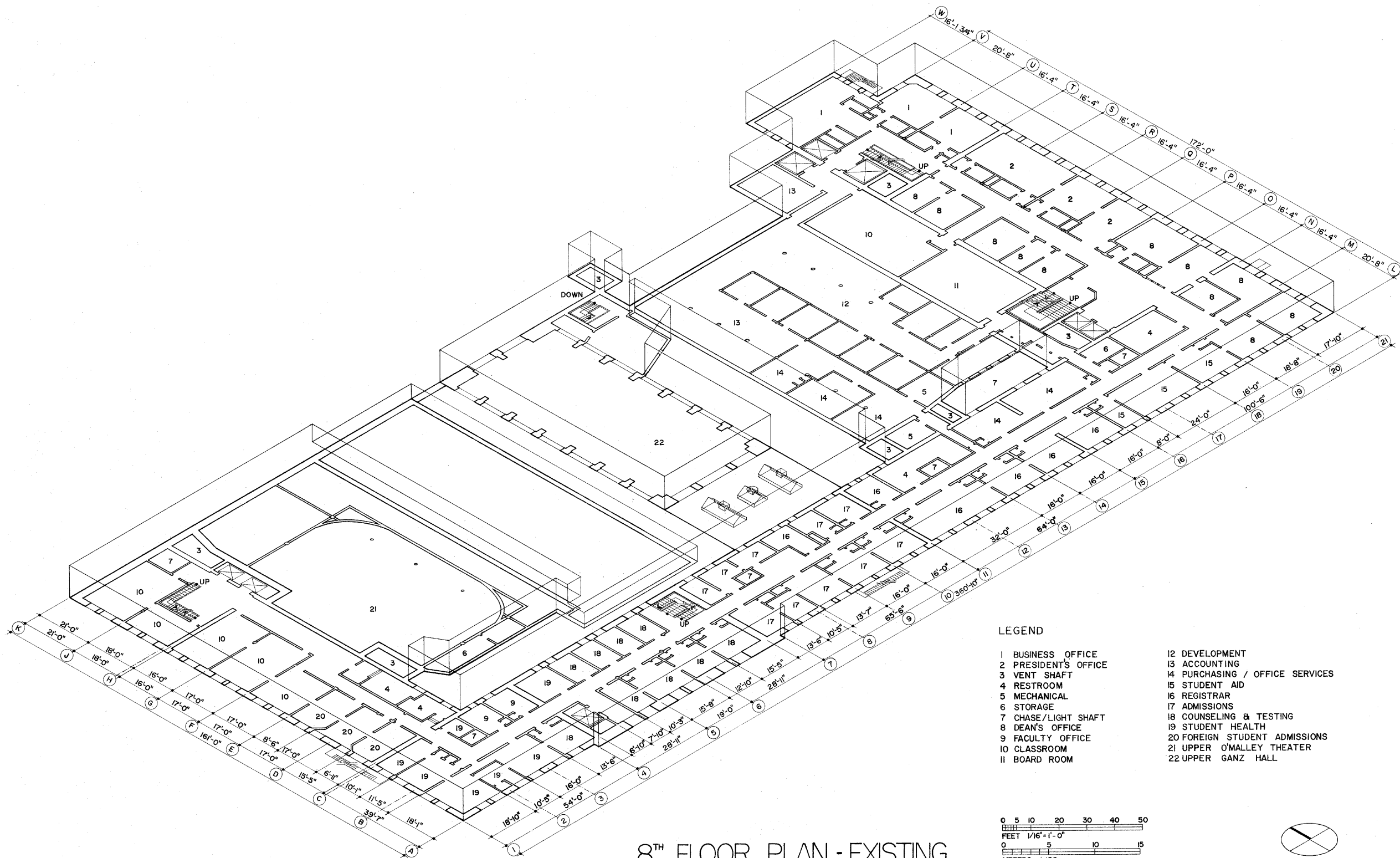


7TH FLOOR PLAN - EXISTING

LEGEND

- | | |
|--------------|--------------------|
| 1 LABORATORY | 7 CHASE |
| 2 GANTZ HALL | 8 O'MALLEY THEATER |
| 3 VENT SHAFT | 9 FACULTY OFFICE |
| 4 RESTROOM | 10 CLASSROOM |
| 5 MECHANICAL | 11 ANTE ROOM |
| 6 STORAGE | 12 DRESSING ROOM |

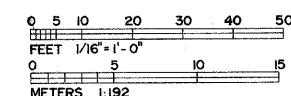


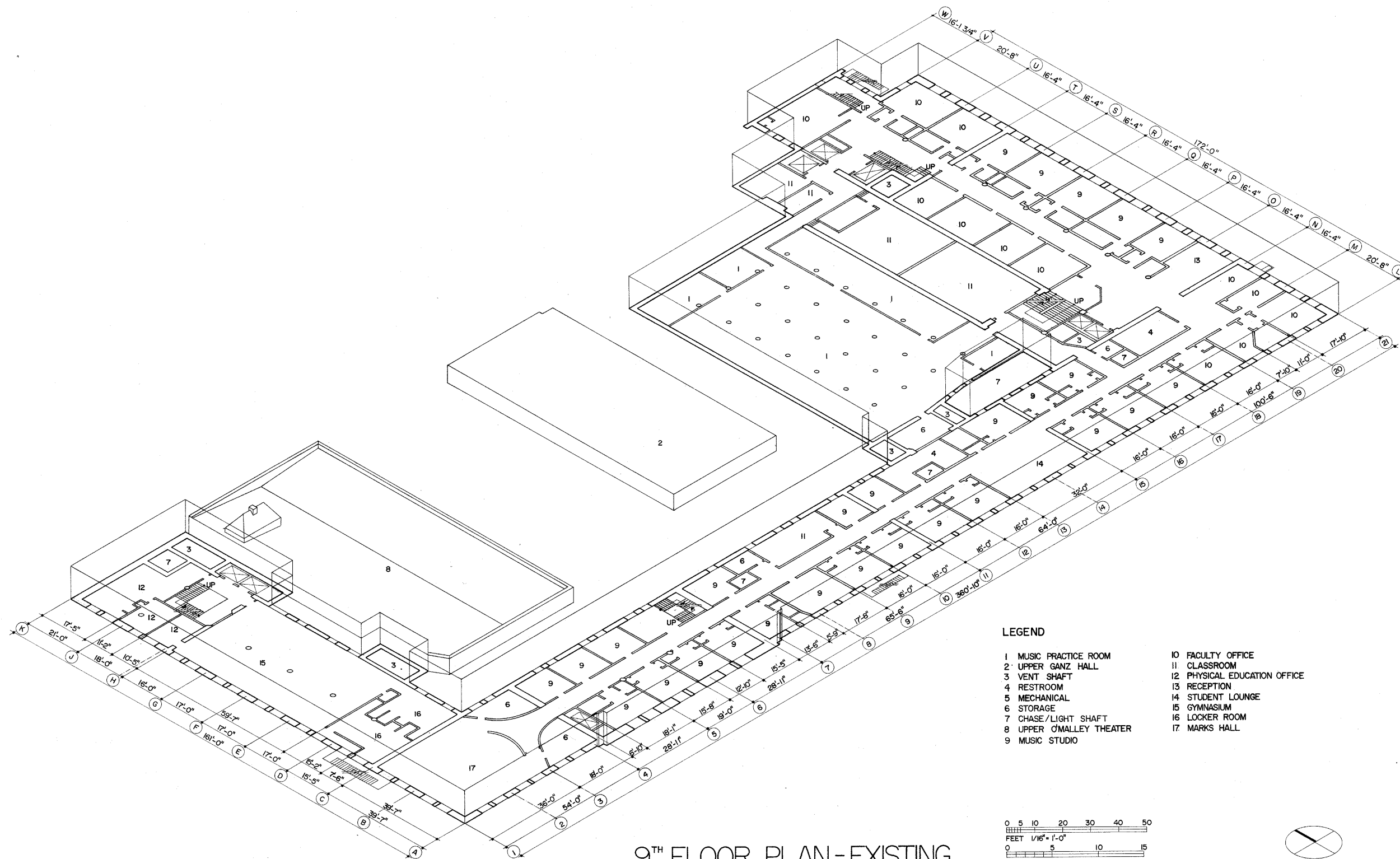


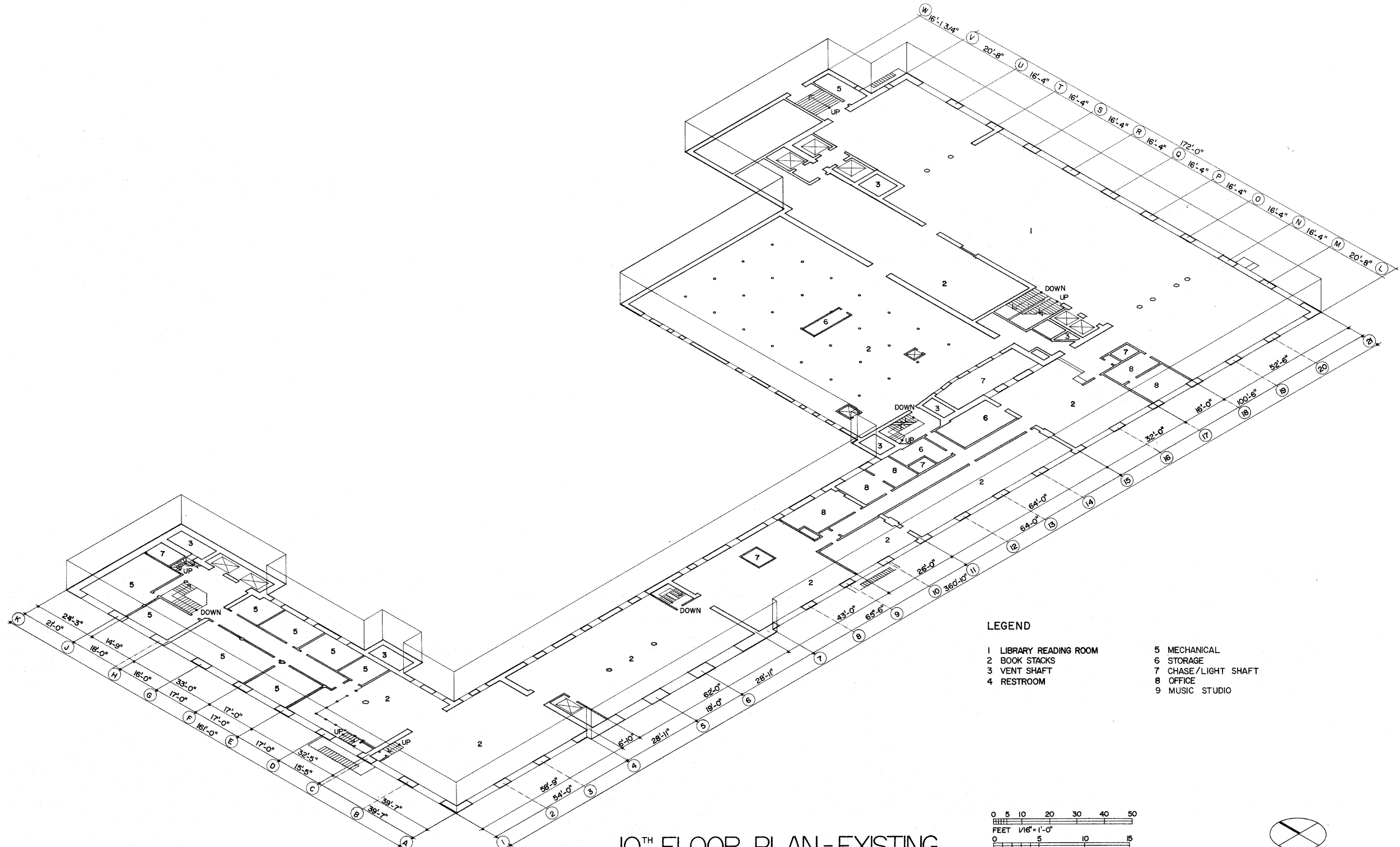
8TH FLOOR PLAN - EXISTING

LEGEND

- | | |
|----------------------|---------------------------------|
| 1 BUSINESS OFFICE | 12 DEVELOPMENT |
| 2 PRESIDENT'S OFFICE | 13 ACCOUNTING |
| 3 VENT SHAFT | 14 PURCHASING / OFFICE SERVICES |
| 4 RESTROOM | 15 STUDENT AID |
| 5 MECHANICAL | 16 REGISTRAR |
| 6 STORAGE | 17 ADMISSIONS |
| 7 CHASE/LIGHT SHAFT | 18 COUNSELING & TESTING |
| 8 DEAN'S OFFICE | 19 STUDENT HEALTH |
| 9 FACULTY OFFICE | 20 FOREIGN STUDENT ADMISSIONS |
| 10 CLASSROOM | 21 UPPER O'MALLEY THEATER |
| 11 BOARD ROOM | 22 UPPER GANZ HALL |

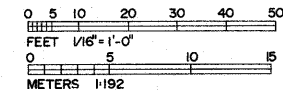




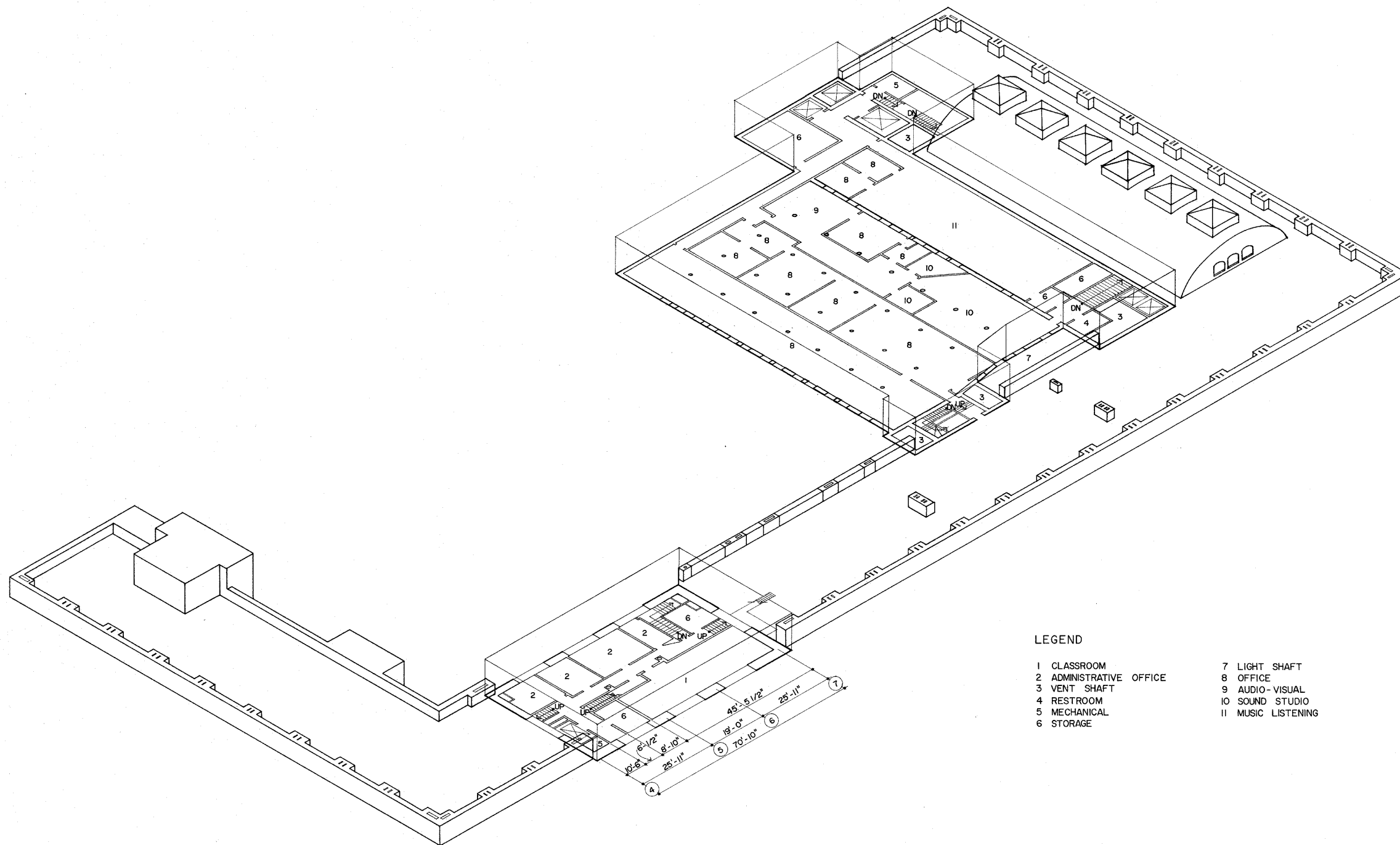


LEGEND

- | | |
|------------------------|---------------------|
| 1 LIBRARY READING ROOM | 5 MECHANICAL |
| 2 BOOK STACKS | 6 STORAGE |
| 3 VENT SHAFT | 7 CHASE/LIGHT SHAFT |
| 4 RESTROOM | 8 OFFICE |
| | 9 MUSIC STUDIO |



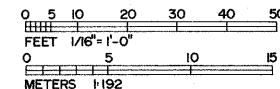
10TH FLOOR PLAN-EXISTING

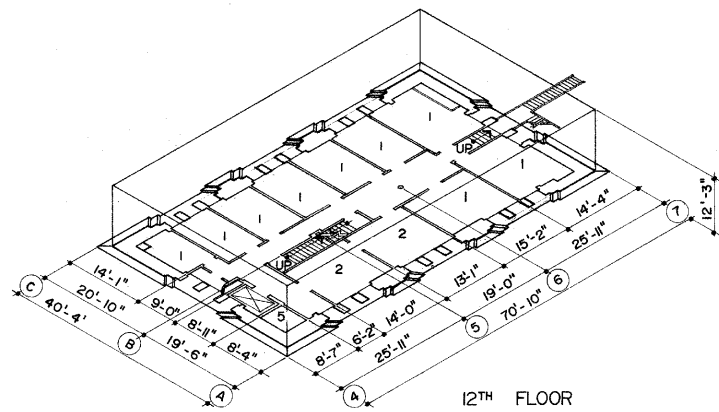


11TH FLOOR PLAN - EXISTING

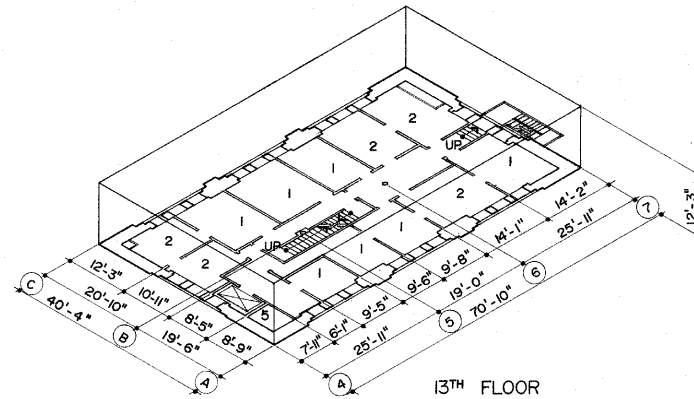
LEGEND

- | | |
|-------------------------|--------------------|
| 1 CLASSROOM | 7 LIGHT SHAFT |
| 2 ADMINISTRATIVE OFFICE | 8 OFFICE |
| 3 VENT SHAFT | 9 AUDIO-VISUAL |
| 4 RESTROOM | 10 SOUND STUDIO |
| 5 MECHANICAL | 11 MUSIC LISTENING |
| 6 STORAGE | |

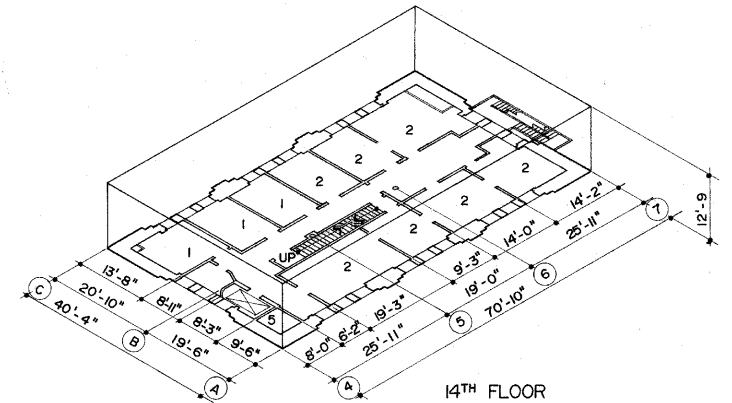




12TH FLOOR

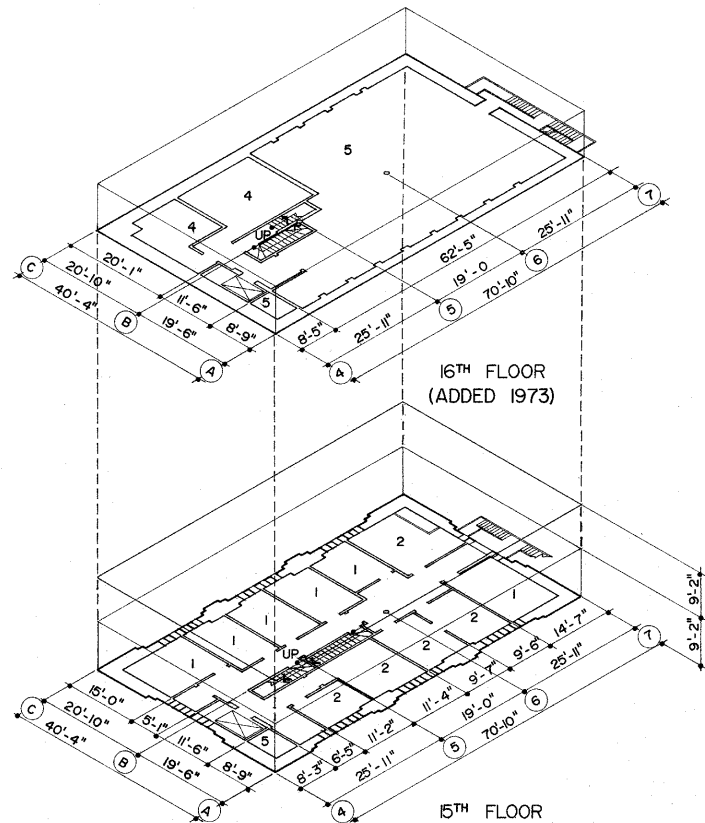


13TH FLOOR

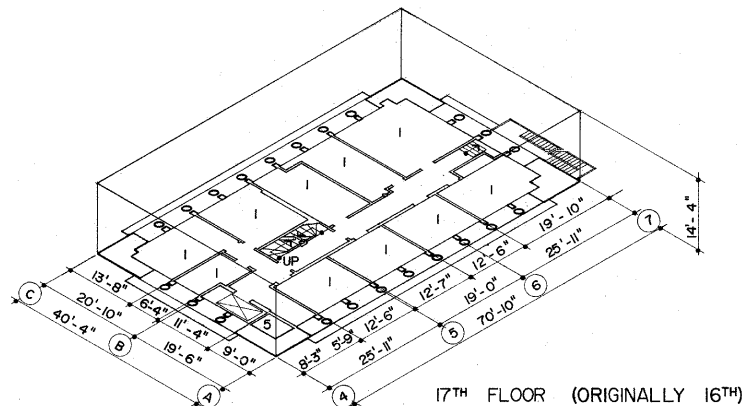


14TH FLOOR

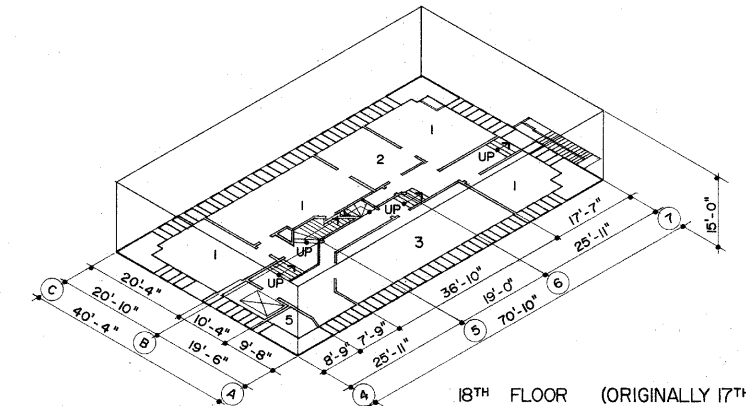
12TH-18TH FLOOR PLANS - EXISTING



16TH FLOOR
(ADDED 1973)



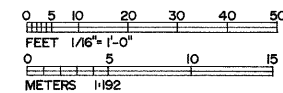
17TH FLOOR (ORIGINALLY 16TH)

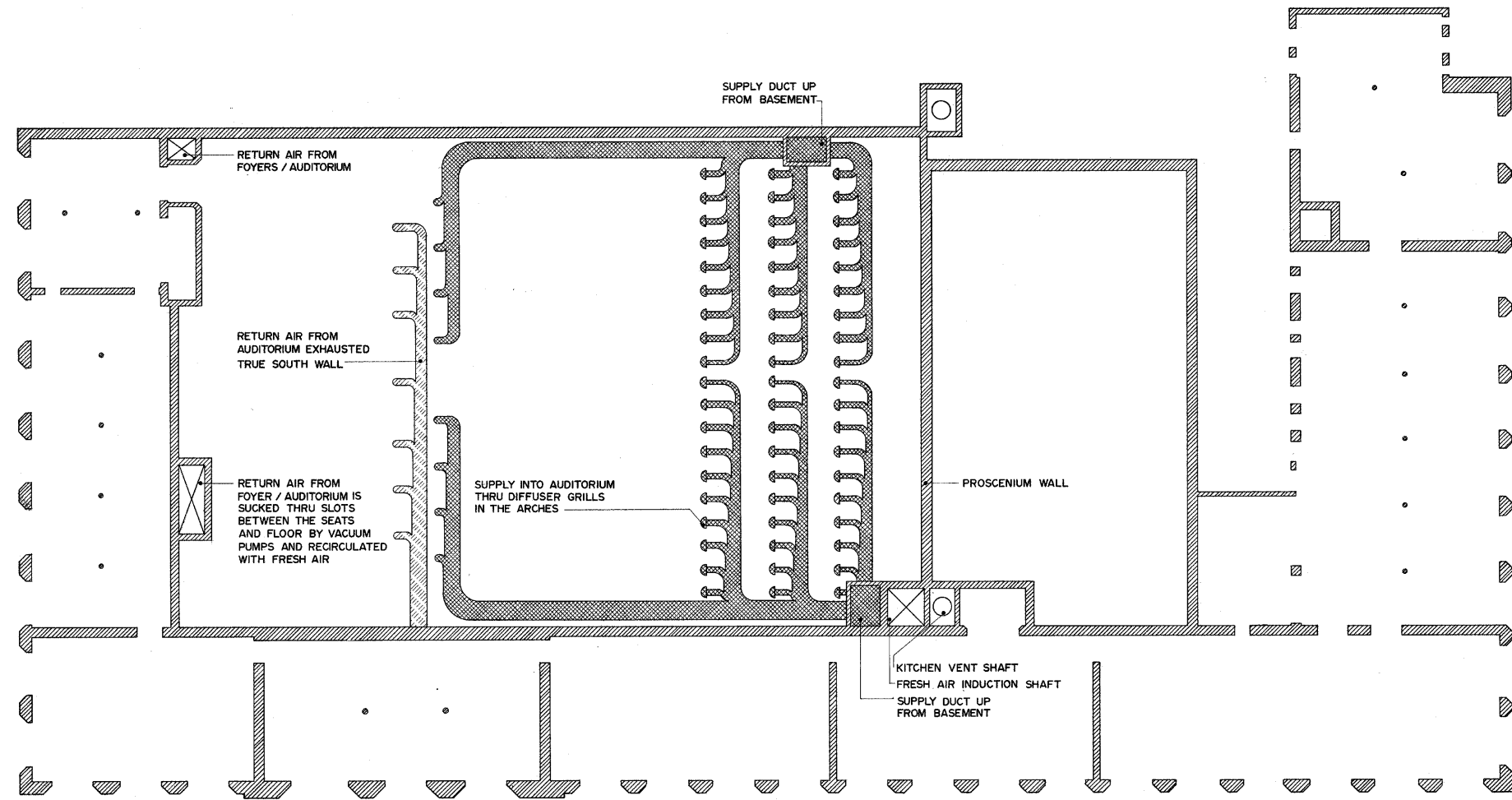


18TH FLOOR (ORIGINALLY 17TH)

LEGEND

- | | |
|-------------------------|--------------|
| 1 FACULTY OFFICE | 4 RESTROOM |
| 2 ADMINISTRATION OFFICE | 5 MECHANICAL |
| 3 CONFERENCE ROOM | |



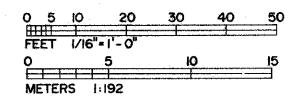


NOTE: FOR SECTION SHOWING MECHANICAL SYSTEM SEE SHEET 47
FOR BASEMENT MECHANICAL SEE SHEET 2

5TH - 6TH - 7TH - COMPOSITE FLOOR PLANS ABOVE
THEATER SHOWING MECHANICAL DUCTWORK

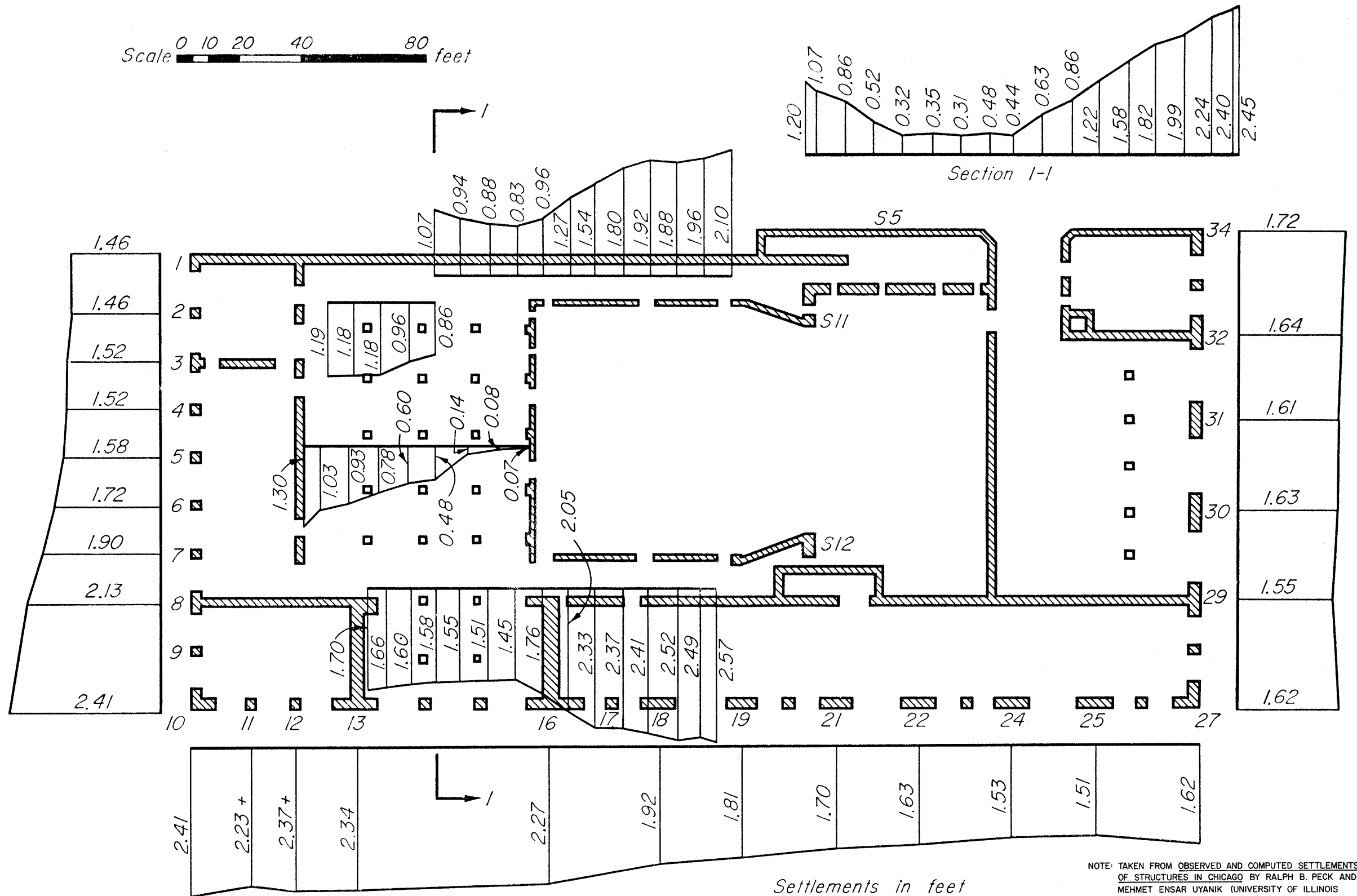
LEGEND

 SUPPLY AIR
 RETURN AIR



NOTE: DUCTWORK NOT DRAWN
TO SCALE



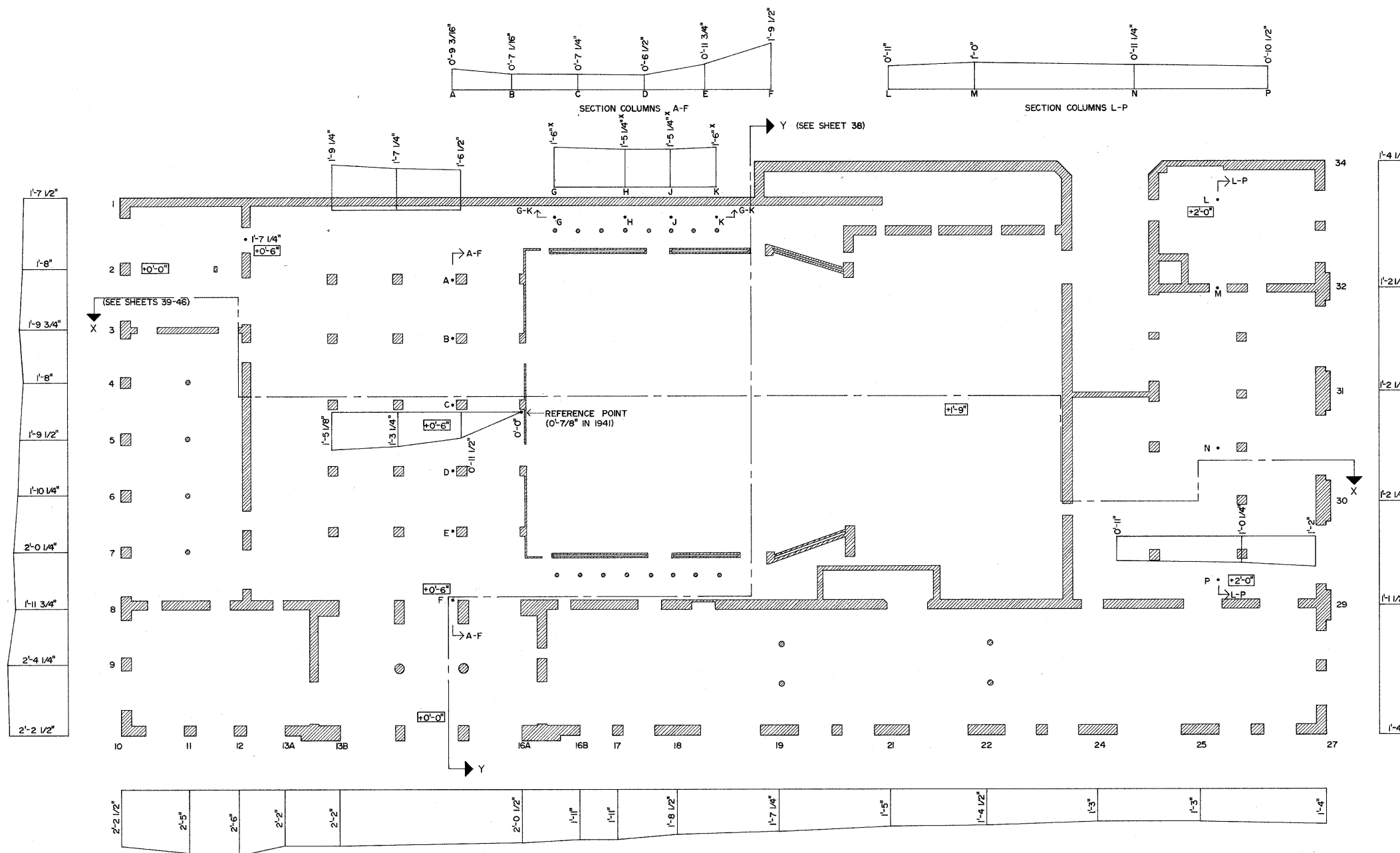
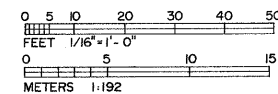


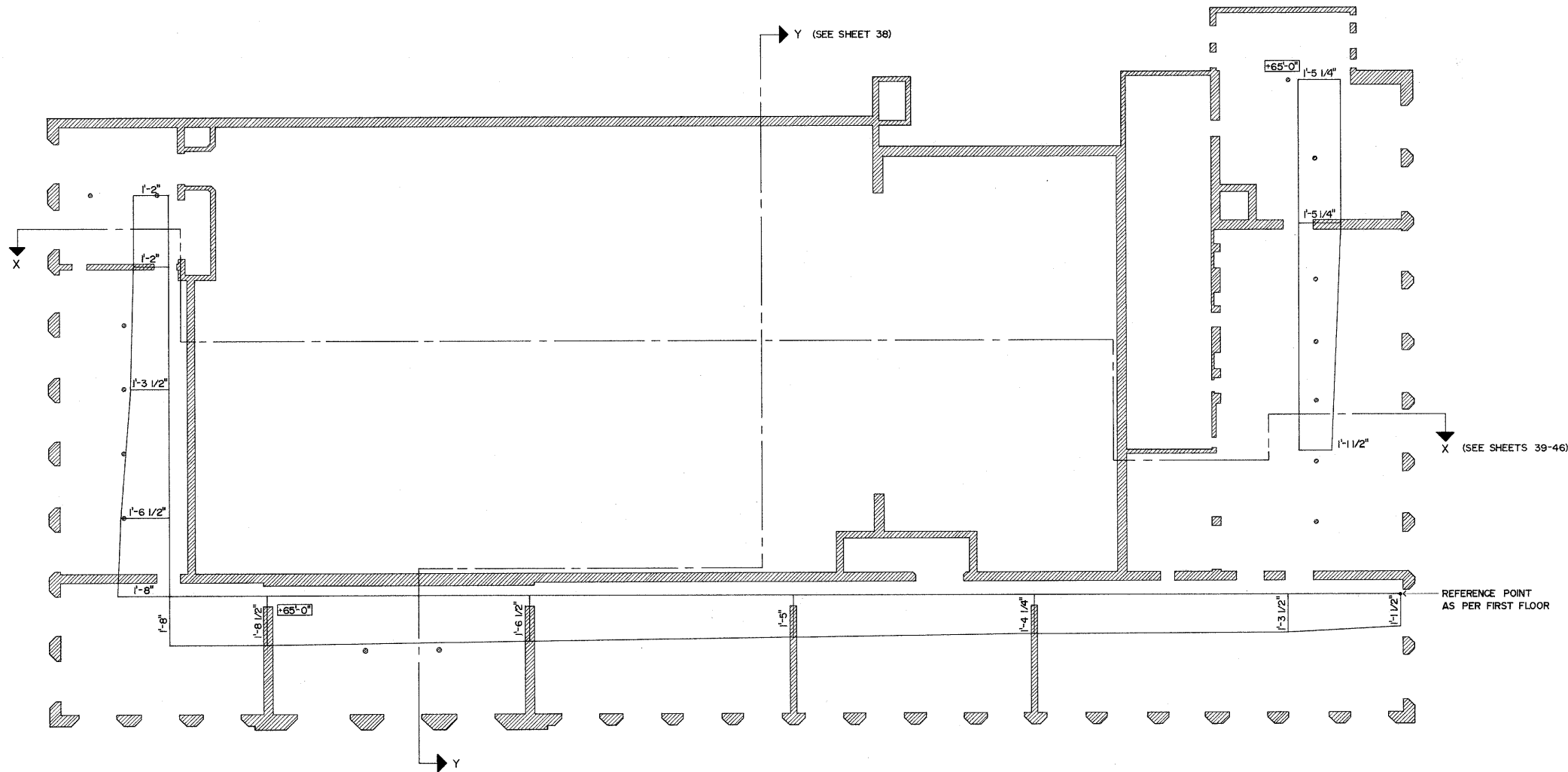
NOTE: TAKEN FROM OBSERVED AND COMPUTED SETTLEMENTS OF STRUCTURES IN CHICAGO BY RALPH B. PECK AND MEHMET ENSAR UYANIK (UNIVERSITY OF ILLINOIS ENGINEERING EXPERIMENT STATION, BULLETIN 429, URBANA, ILLINOIS, 1955)

LEGEND

1'-0" TOTAL ACTUAL SETTLEMENT
 +1'-0" ORIGINAL ELEVATION ABOVE GRADE
 1'-0" x SETTLEMENT OBSERVED AT SECOND FLOOR

SETTLEMENTS OF AUDITORIUM IN 1980 FIRST FLOOR



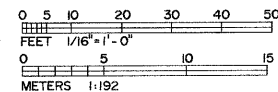


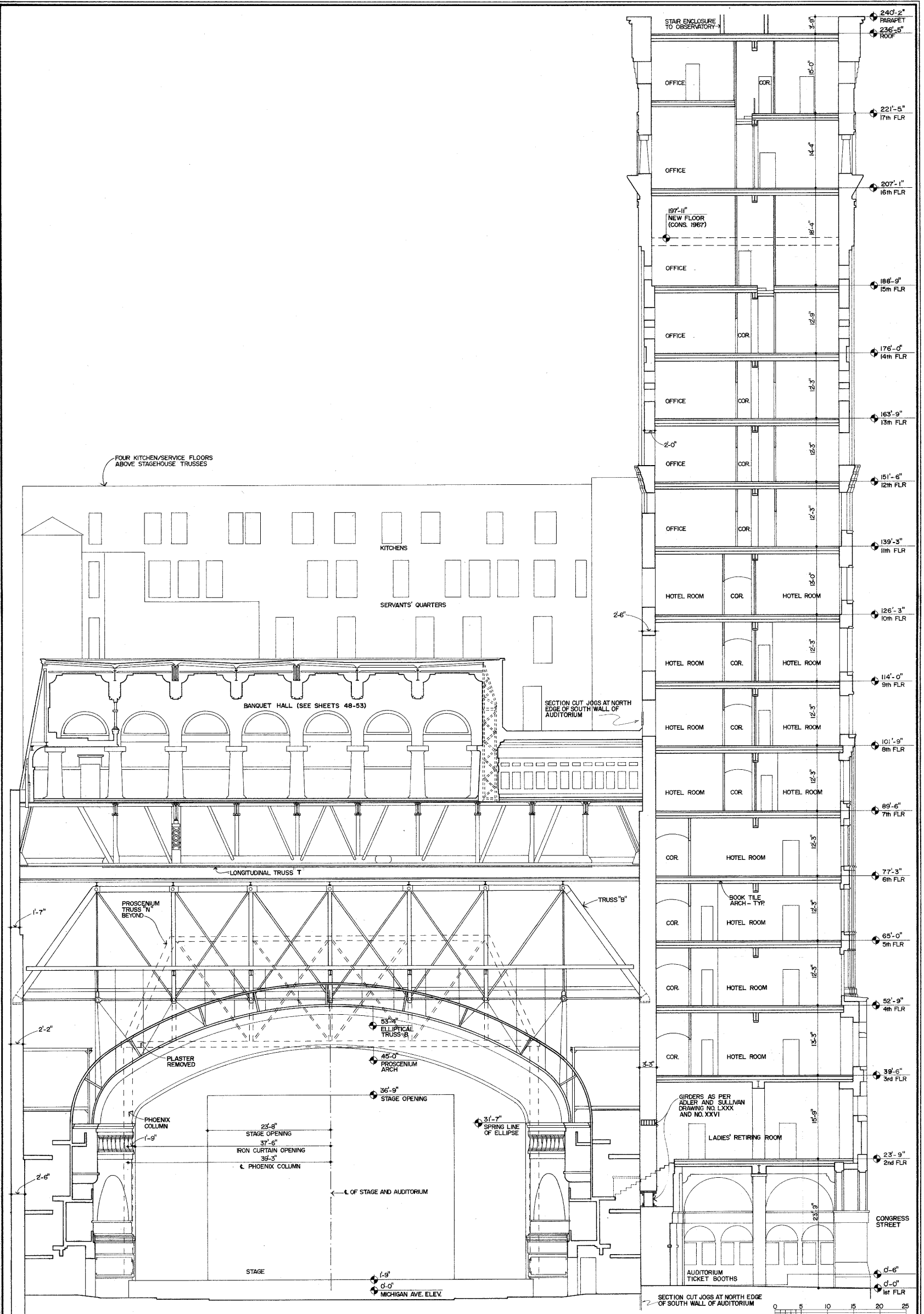
LEGEND

1'-0" TOTAL ACTUAL SETTLEMENT

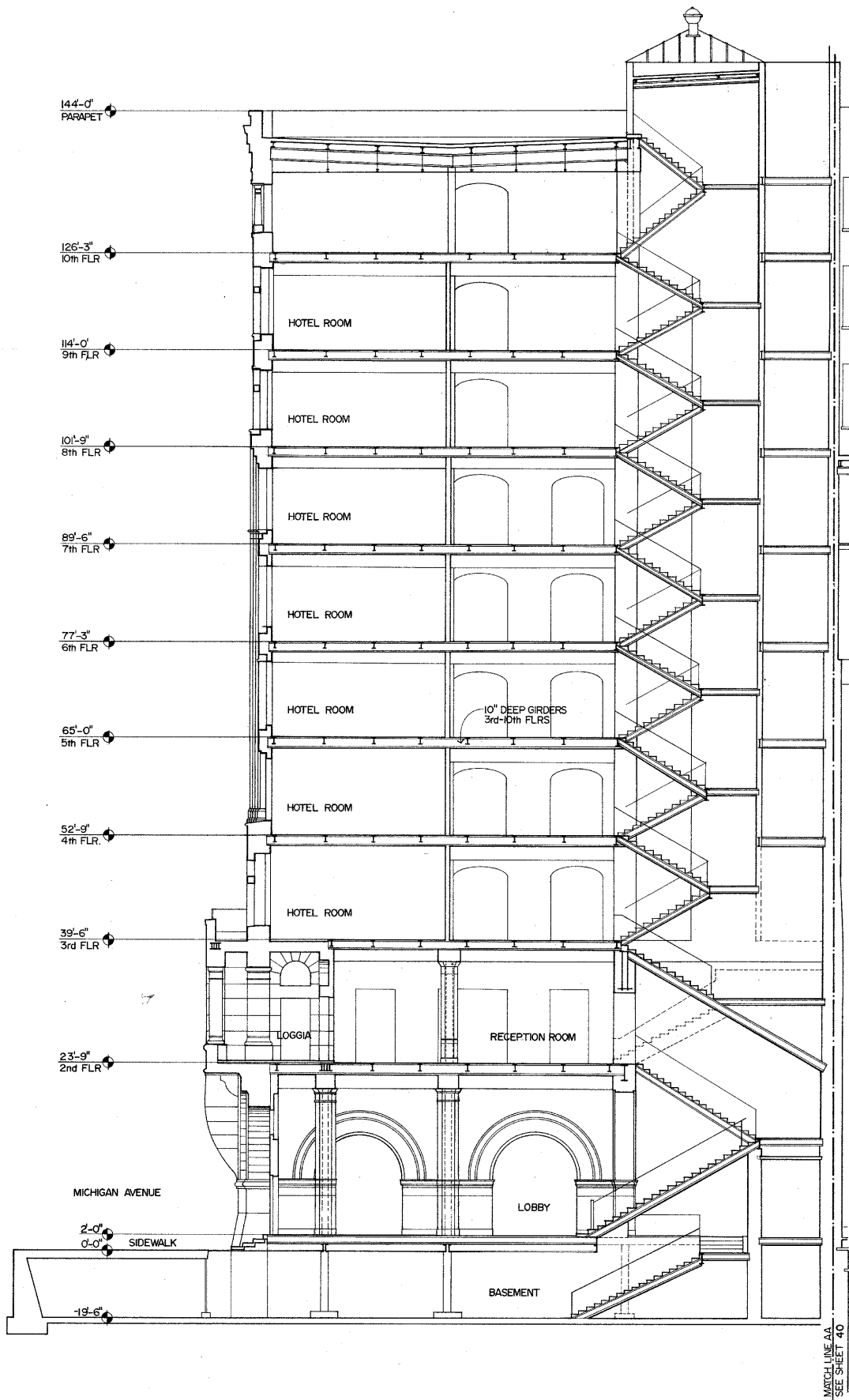
1'-0" ORIGINAL ELEVATION ABOVE GRADE

SETTLEMENTS OF AUDITORIUM IN 1980 FIFTH FLOOR

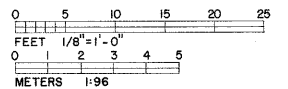




TRANSVERSE SECTION YY LOOKING EAST



LONGITUDINAL SECTION XX LOOKING SOUTH
AS DESIGNED IN MARCH 1887



DRAWN BY: AUGUST VENTURA, 1980

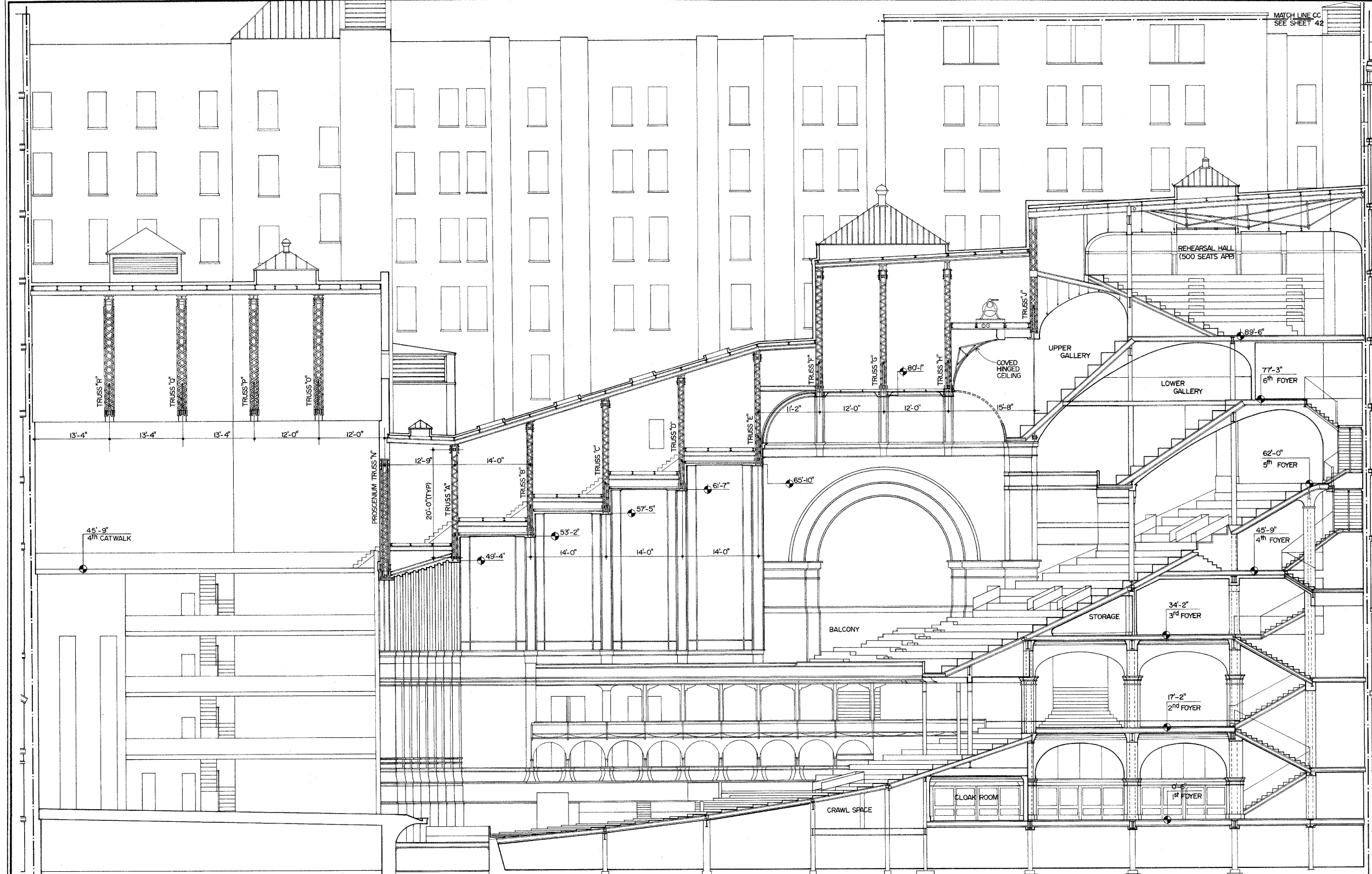
AUD. BLDG./ROOS. UNIV. (PROJECT OFFICE)
NATIONAL ARCHITECTURAL AND ENGINEERING RECORD
HERITAGE CONSERVATION AND RECREATION SERVICE
UNITED STATES DEPARTMENT OF THE INTERIOR

ADDENDUM TO AUDITORIUM BUILDING (ROOSEVELT UNIVERSITY)
430 S. MICHIGAN AVENUE CHICAGO COOK COUNTY ILLINOIS

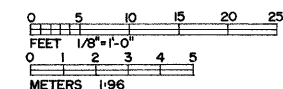
SURVEY NO.
IL-1007

HISTORIC AMERICAN
BUILDINGS SURVEY
SHEET 39 OF 53 SHEETS

LIBRARY OF CONGRESS
BUILDING SURVEY



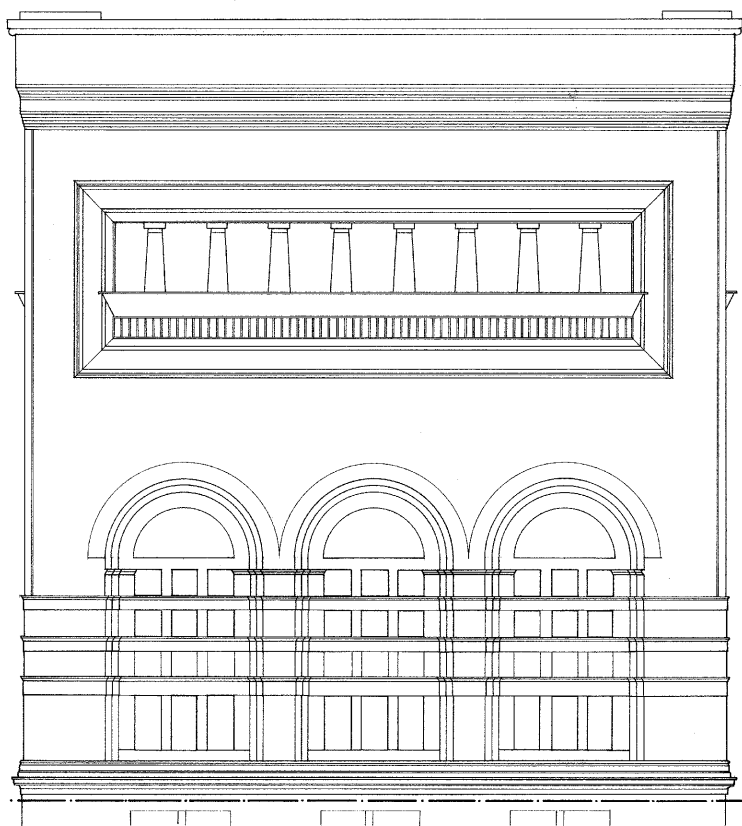
LONGITUDINAL SECTION XX LOOKING SOUTH
AS DESIGNED IN MARCH 1887



MATCH LINE AA
SEE SHEET 39

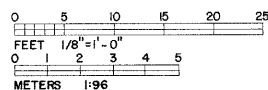
MATCH LINE BB
SEE SHEET 41

MATCH LINE CC
SEE SHEET 42



MATCH LINE CC
SEE SHEET 40

LONGITUDINAL SECTION XX LOOKING SOUTH AS DESIGNED IN MARCH 1887



DRAWN BY: AUGUST VENTURA, 1980

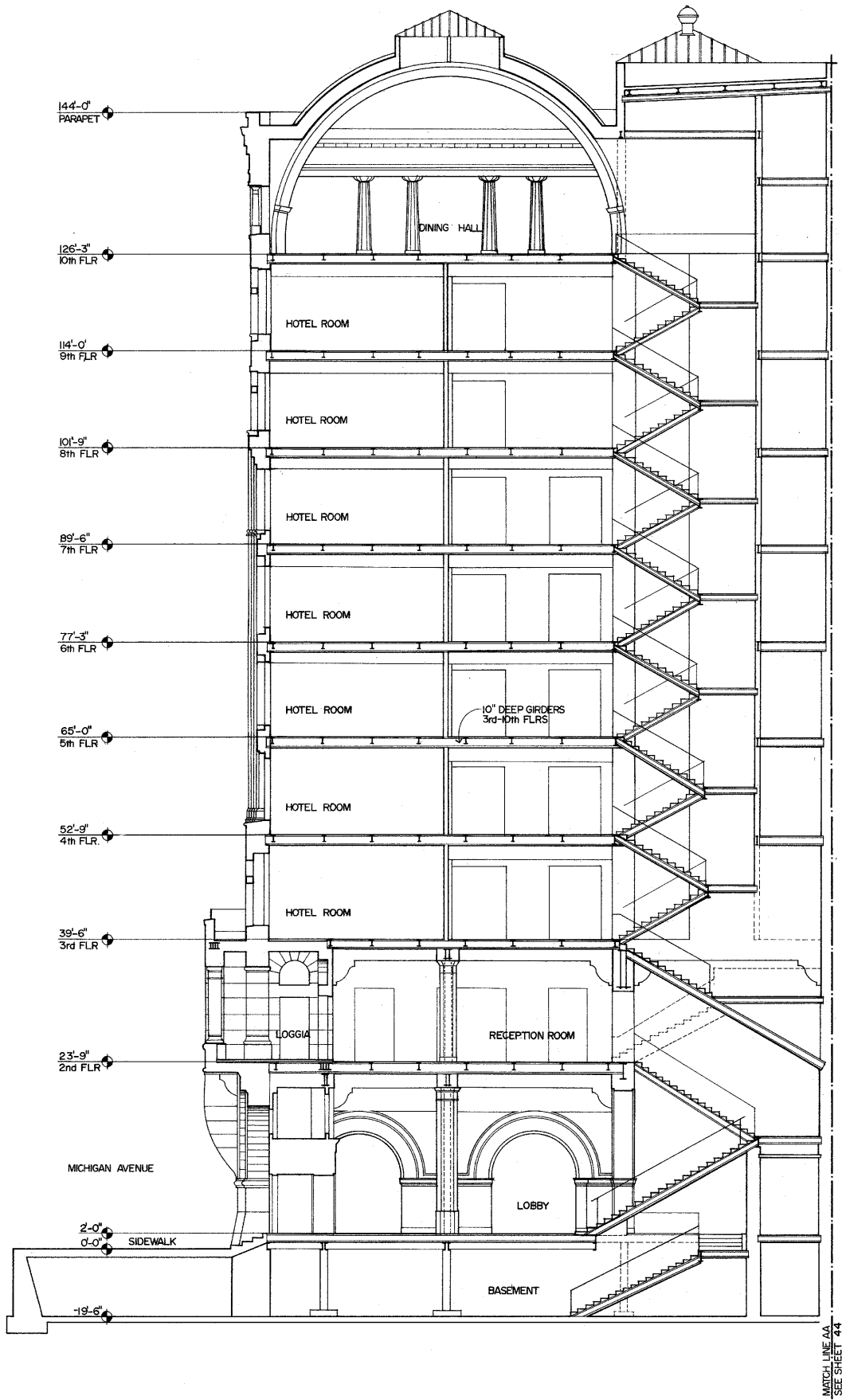
AUD. BLDG./ROOS. UNIV. (PROJECT OFFICE)
NATIONAL ARCHITECTURAL AND ENGINEERING RECORD
HERITAGE CONSERVATION AND RECREATION SERVICE
UNITED STATES DEPARTMENT OF THE INTERIOR

ADDENDUM TO AUDITORIUM BUILDING (ROOSEVELT UNIVERSITY)
430 S. MICHIGAN AVENUE • CHICAGO • COOK COUNTY • ILLINOIS

SURVEY NO.
IL-1007

HISTORIC AMERICAN
BUILDINGS SURVEY
SHEET 42 OF 53 SHEETS

LIBRARY OF CONGRESS
INDEX NUMBER



LONGITUDINAL SECTION XX LOOKING SOUTH
AS COMPLETED IN 1890



DRAWN BY: AUGUST VENTURA, 1980

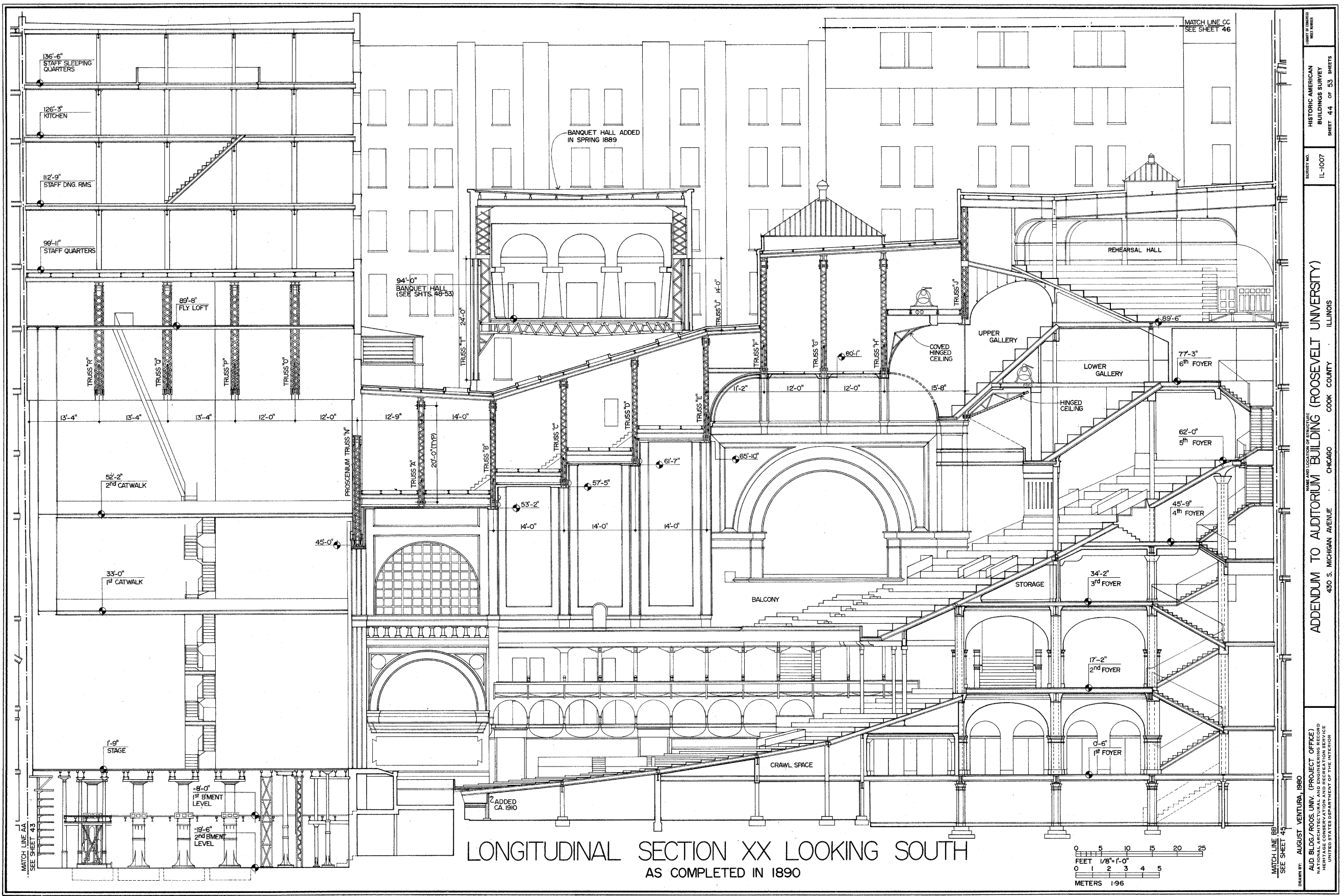
AUD. BLDG./ROOS. UNIV. (PROJECT OFFICE)
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HERITAGE CONSERVATION AND RECREATION SERVICE
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ADDENDUM TO AUDITORIUM BUILDING (ROOSEVELT UNIVERSITY)
430 S. MICHIGAN AVENUE CHICAGO COOK COUNTY ILLINOIS

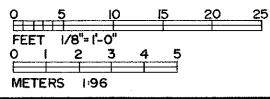
SURVEY NO.
IL-1007

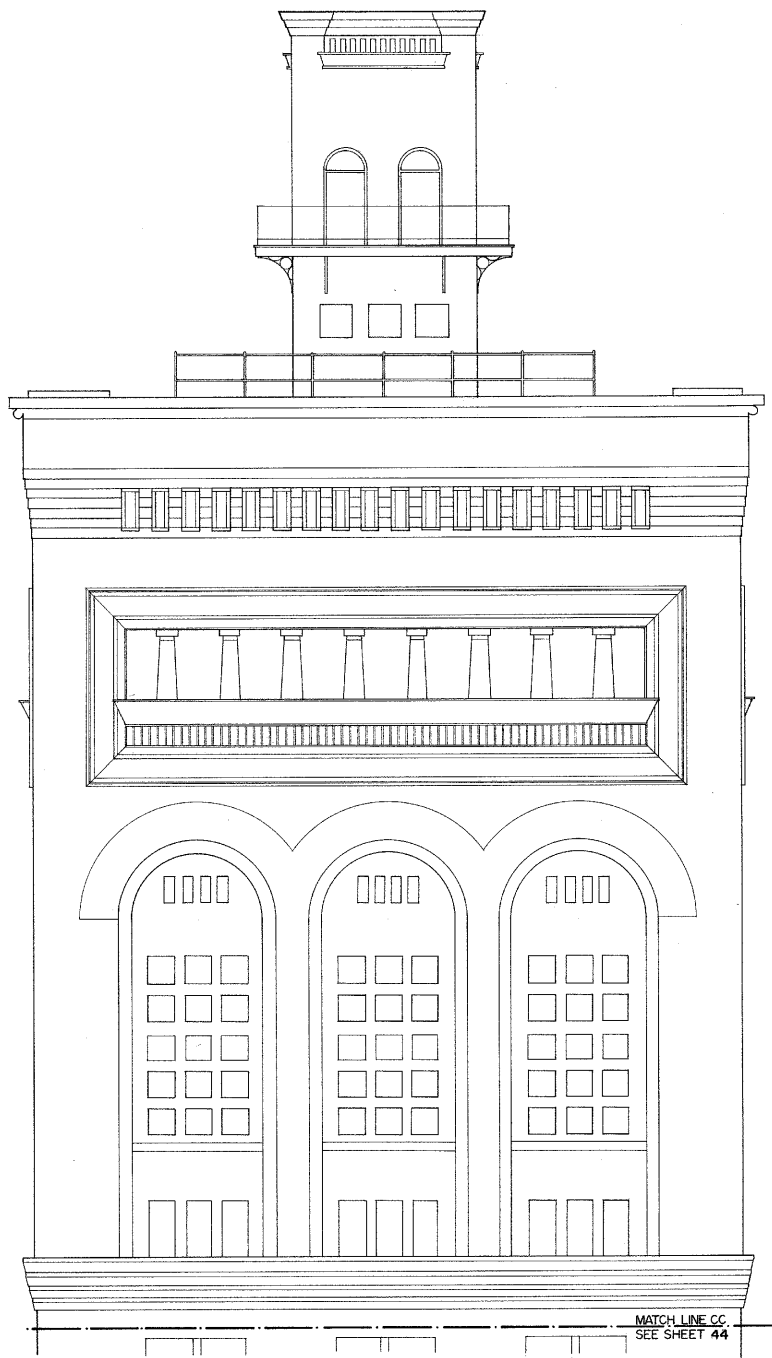
HISTORIC AMERICAN
BUILDINGS SURVEY
SHEET 43 OF 53 SHEETS

LIBRARY OF CONGRESS
INDEX NUMBER



LONGITUDINAL SECTION XX LOOKING SOUTH
AS COMPLETED IN 1890





MATCH LINE CC.
SEE SHEET 44

LONGITUDINAL SECTION XX LOOKING SOUTH
AS COMPLETED IN 1890



DRAWN BY: AUGUST VENTURA, 1980

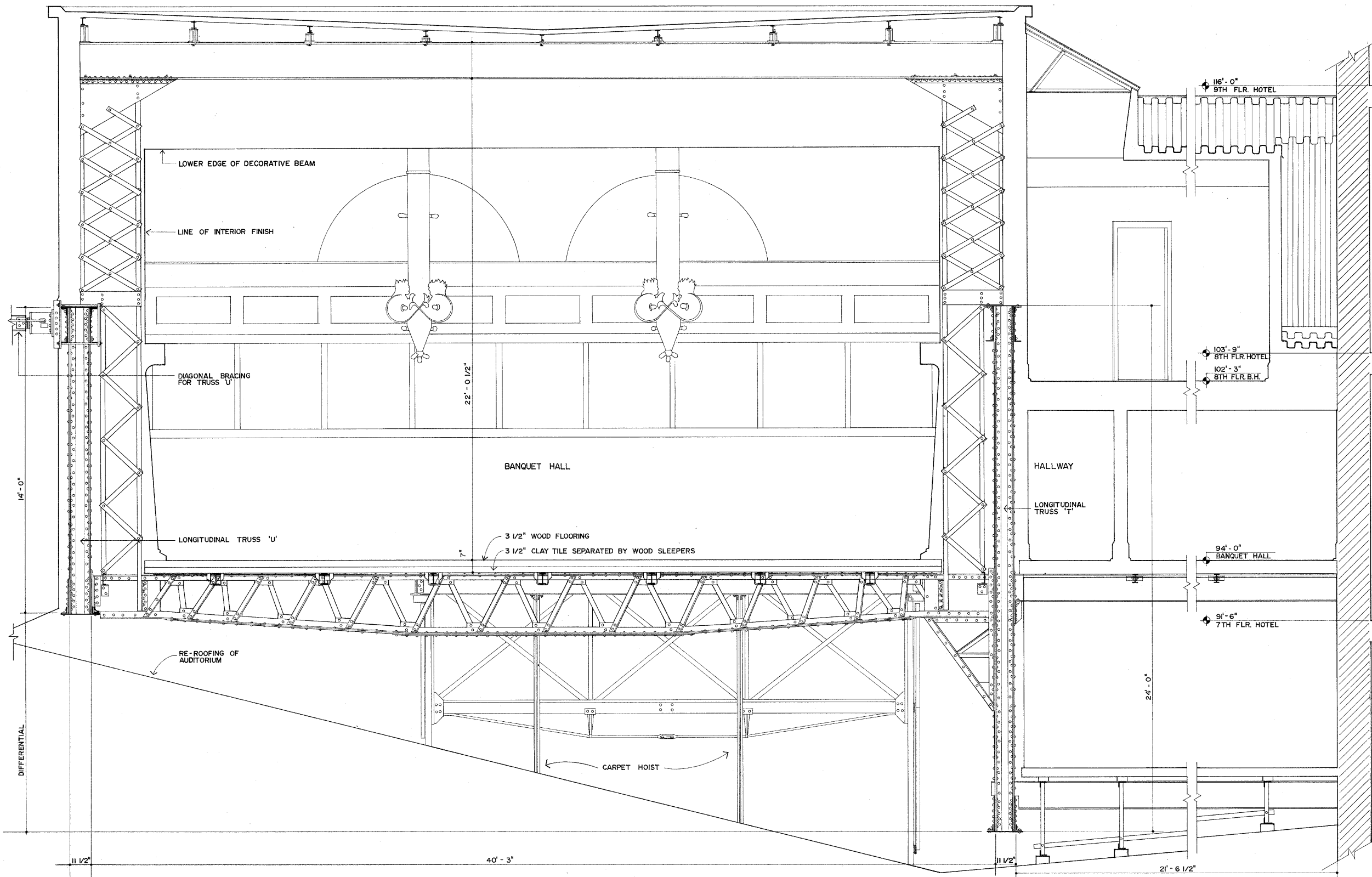
AUD. BLDG./ROOS. UNIV. (PROJECT OFFICE)
NATIONAL ARCHITECTURAL AND ENGINEERING RECORD
HERITAGE CONSERVATION AND RECREATION SERVICE
UNITED STATES DEPARTMENT OF THE INTERIOR

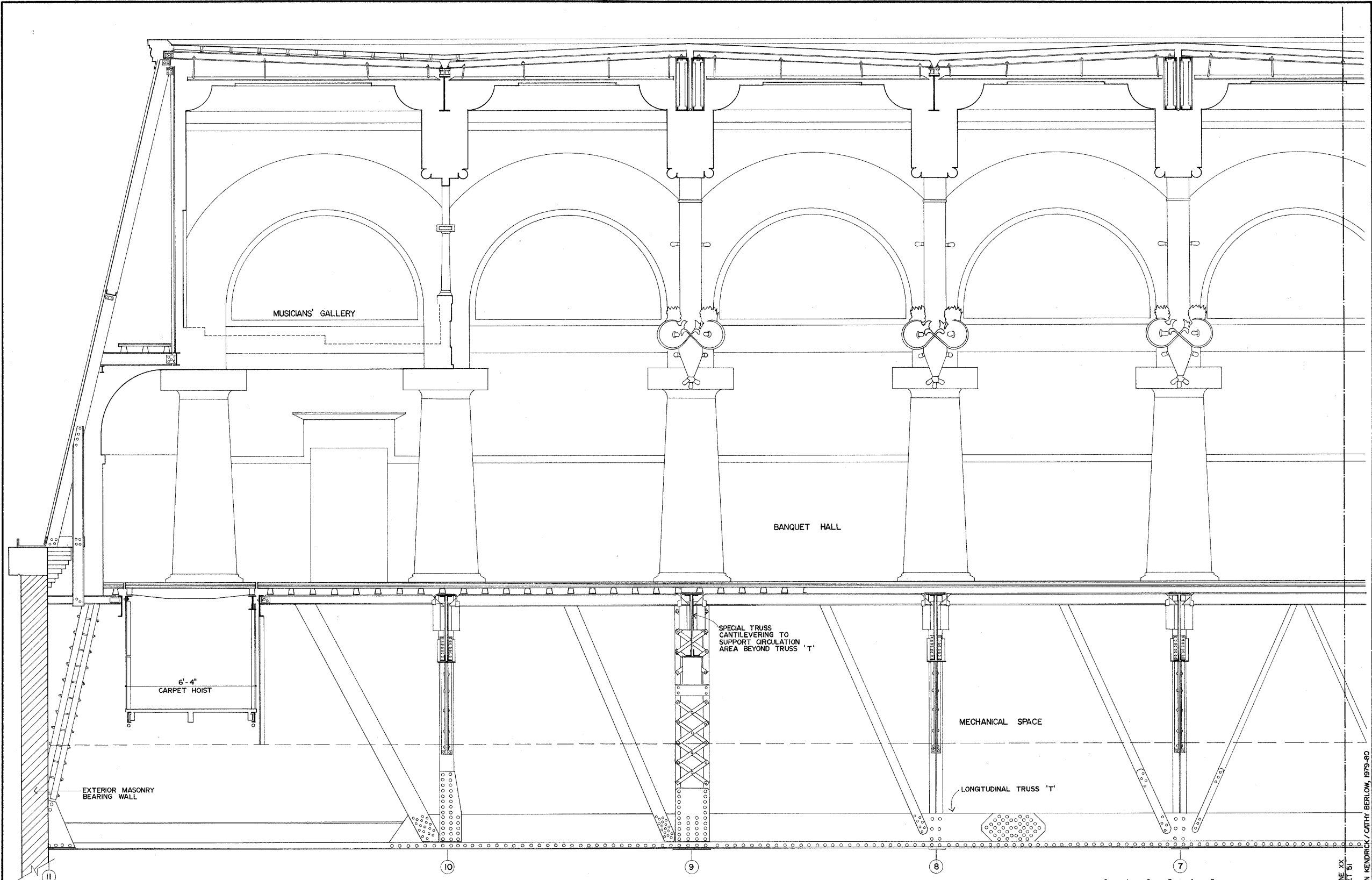
NAME AND LOCATION OF STRUCTURE
ADDENDUM TO AUDITORIUM BUILDING (ROOSEVELT UNIVERSITY)
430 S. MICHIGAN AVENUE CHICAGO COOK COUNTY ILLINOIS

SURVEY NO.
IL-1007

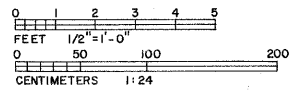
HISTORIC AMERICAN
BUILDINGS SURVEY
SHEET 46 OF 53 SHEETS

LIBRARY OF CONGRESS
INDEX NUMBER

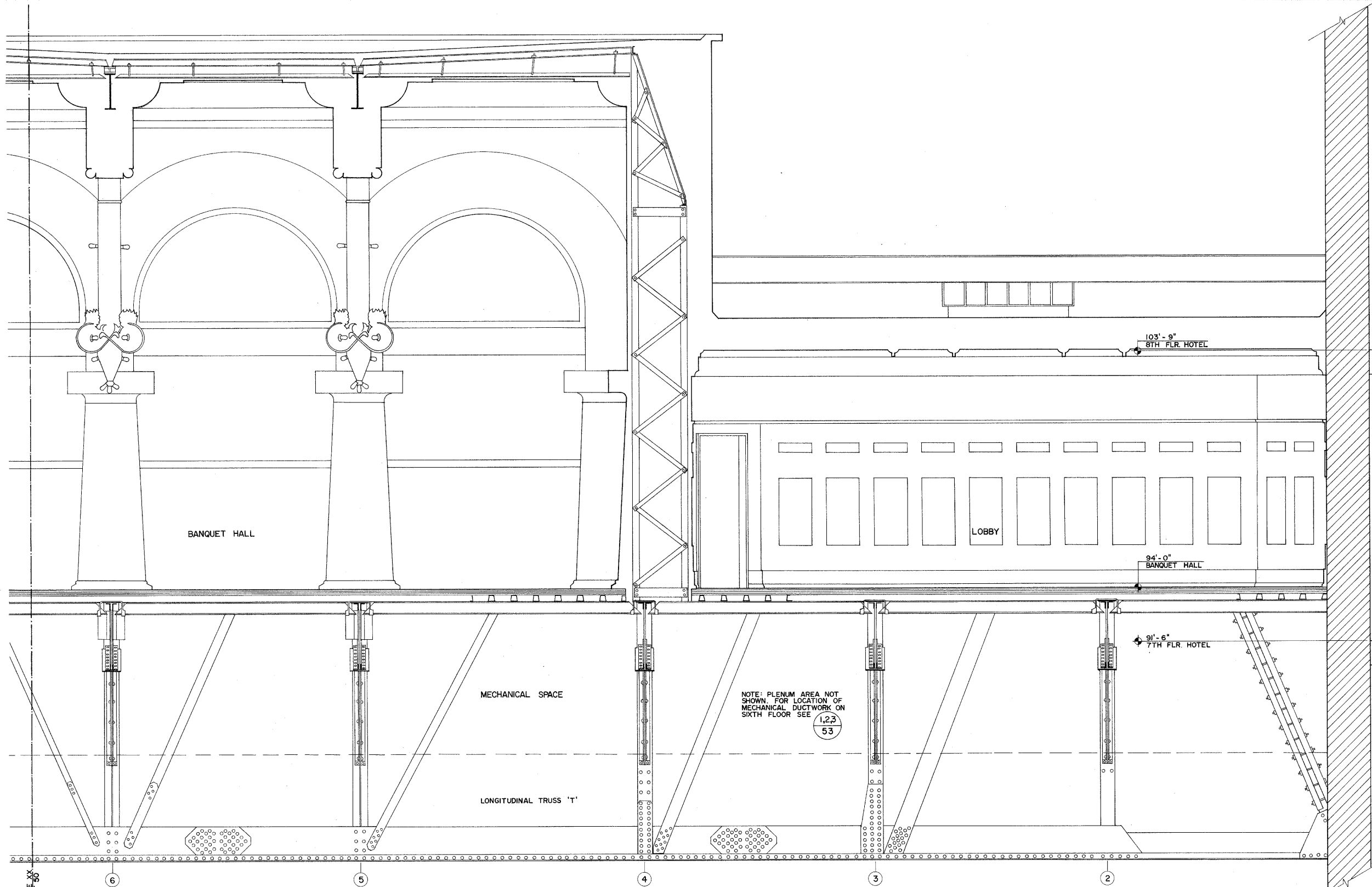




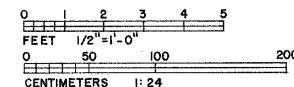
1/50 LONGITUDINAL SECTION AA LOOKING EAST - BANQUET HALL



MATCH LINE XX
SEE SHEET 51



LONGITUDINAL SECTION AA LOOKING EAST - BANQUET HALL



STRUCTURE : THE STRUCTURE OF THE BANQUET HALL BASICALLY CONSISTS OF TWO LONGITUDINAL TRUSSES OF 120' SPAN TRANSFERRING A LOAD OF ABOUT 660 TONS DIRECTLY ON THE NORTH AND SOUTH BEARING WALLS. THE EASTERN TRUSS 'T' IS ABOUT 24' DEEP AND THE WESTERN TRUSS 'U' ABOUT 14' DEEP; THEY REST ON A 1'-6" THICK NORTH WALL AND 2'-0" THICK SOUTH BEARING WALL. THE TWO LONGITUDINAL TRUSSES ARE CONNECTED BY 9 TRANSVERSE TRUSSES, 3'-0" DEEP AT MIDSPAN, SPANNING APPROXIMATELY 40' ACROSS.

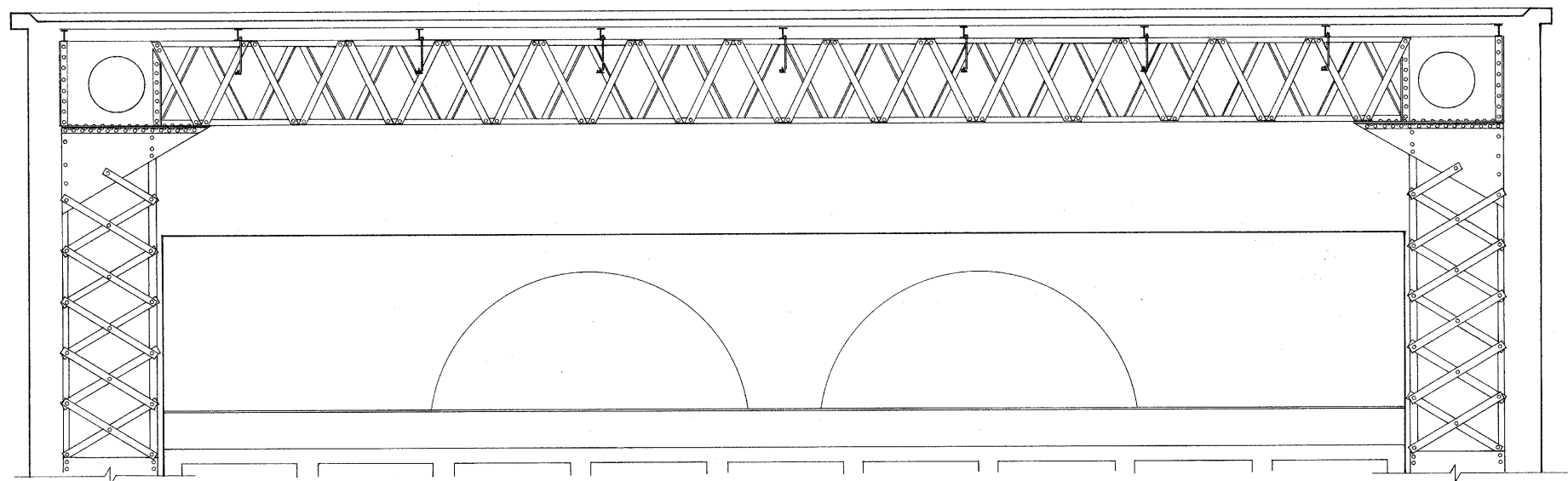
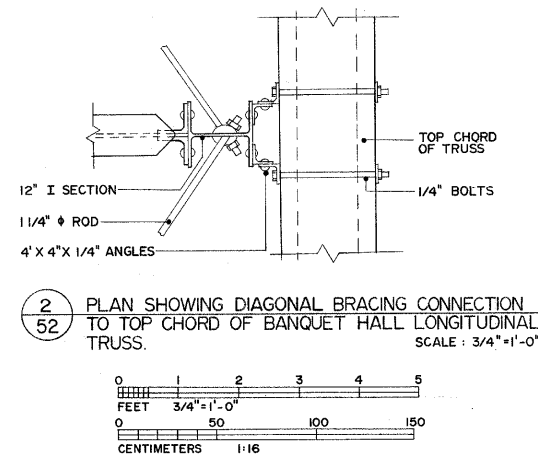
AS IN ALL OTHER PARTS OF THE BUILDING, THIS ELABORATELY DECORATED BANQUET HALL IS THOROUGHLY FIREPROOF. ALL TRUSSES, COLUMNS, GIRDERS, ETC. ARE OF IRON CONSTRUCTION. THE FLOORS ARE OF POROUS HOLLOW CLAY TILE WHICH, IN ADDITION TO POSSESSING SUPERIOR ACOUSTICAL AND INSULATING QUALITIES, WEIGH ONE-THIRD LESS THAN BRICK.

THE ROOF STRUCTURE OF THE BANQUET HALL CONSISTS OF SIX CROSS BEAMS ENCLOSED WITH WIRE LATH AND PLASTER FORMING SQUARE COFFERS WITH TWO FAKE LONGITUDINAL BEAMS.

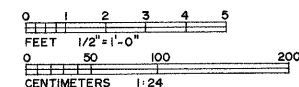
MECHANICAL SYSTEM : BETWEEN THE FLOOR OF THE BANQUET HALL ITSELF AND THE ROOF OF THE AUDITORIUM SITS THE EXTENSIVE MECHANICAL AND VENTILATING SYSTEM FOR THE BANQUET HALL.

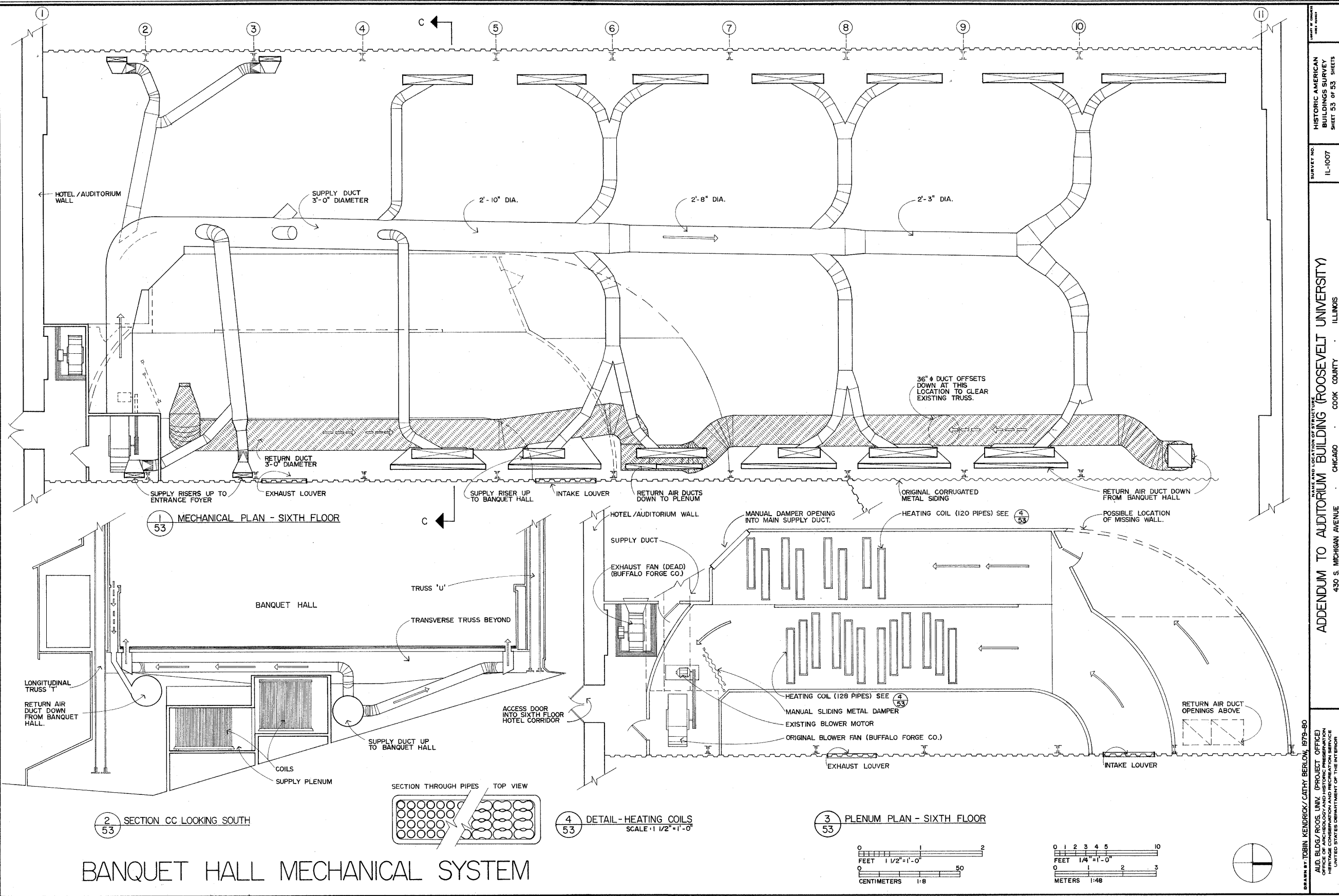
THE SUPPLY FAN IS LOCATED AT THE SOUTHEAST CORNER OF THE BASEMENT OF THE BANQUET HALL. FRESH AIR IS DRAWN FROM THE EAST SIDE OF THE HALL, MIXED WITH RETURN AIR COMING DOWN FROM THE HALL AT THE EAST SIDE AND BLOWN INTO A SUPPLY DUCT BY THE SUPPLY FAN. THE SUPPLY DUCT, 3'-0" IN DIAMETER AT ITS BEGINNING POINT, TRAVELS MIDWAY BETWEEN THE EAST AND WEST WALLS AND SUPPLIES THE BANQUET HALL VIA OFF-SHOOT DUCTS THAT OPEN INTO DIFFUSERS AT THE FLOOR LEVEL. THE RETURN AIR IS SUCKED BACK FROM THE HALL THROUGH GRILLS LOCATED IN THE SILL BELOW THE PAINTINGS ON THE EAST WALL.

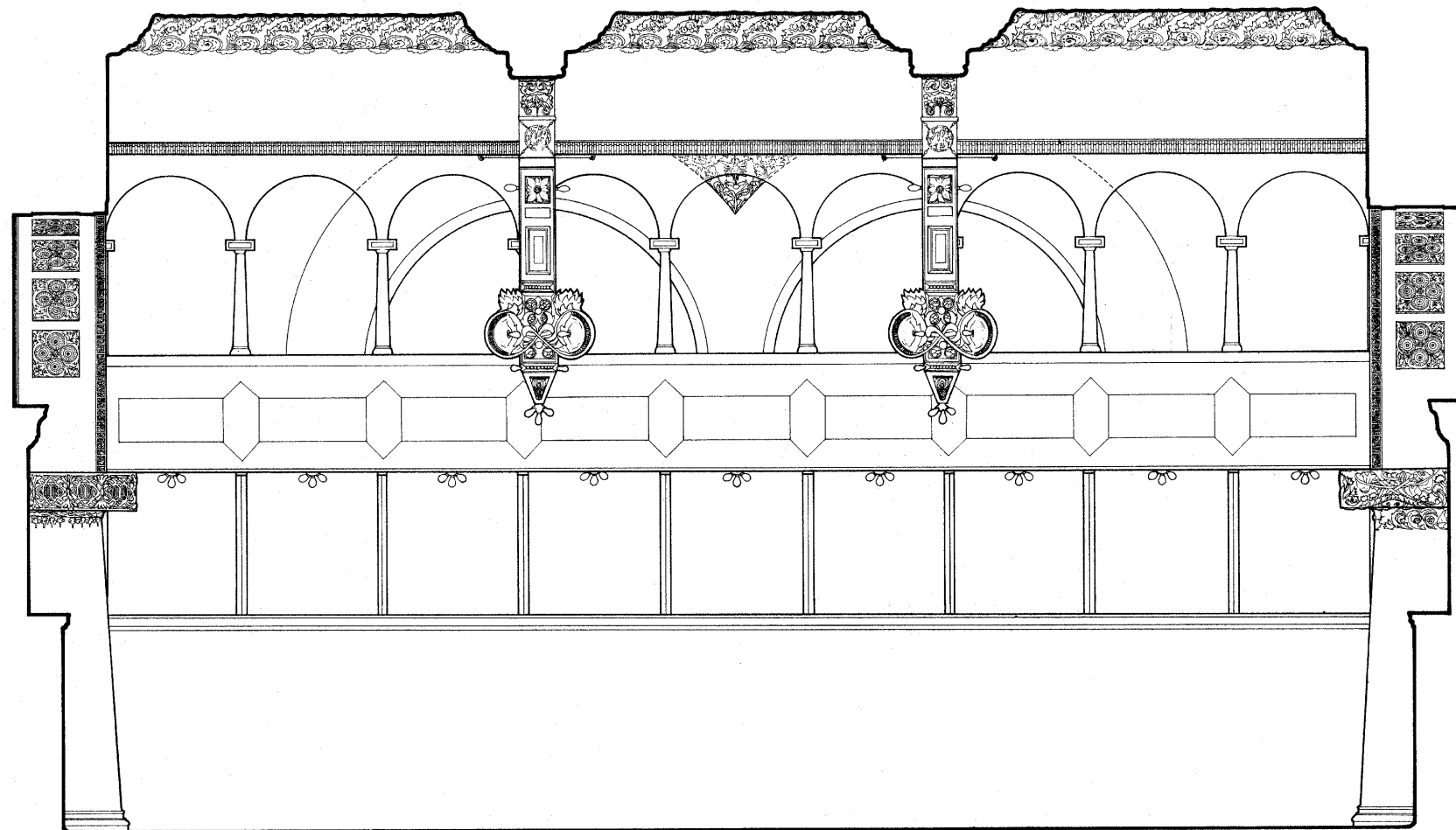
IN THE WINTER, THE SUPPLY AND RETURN AIR PASSES OVER 22 BATTERIES CONSISTING OF A TOTAL OF 2736 STEAM HEATING PIPES.



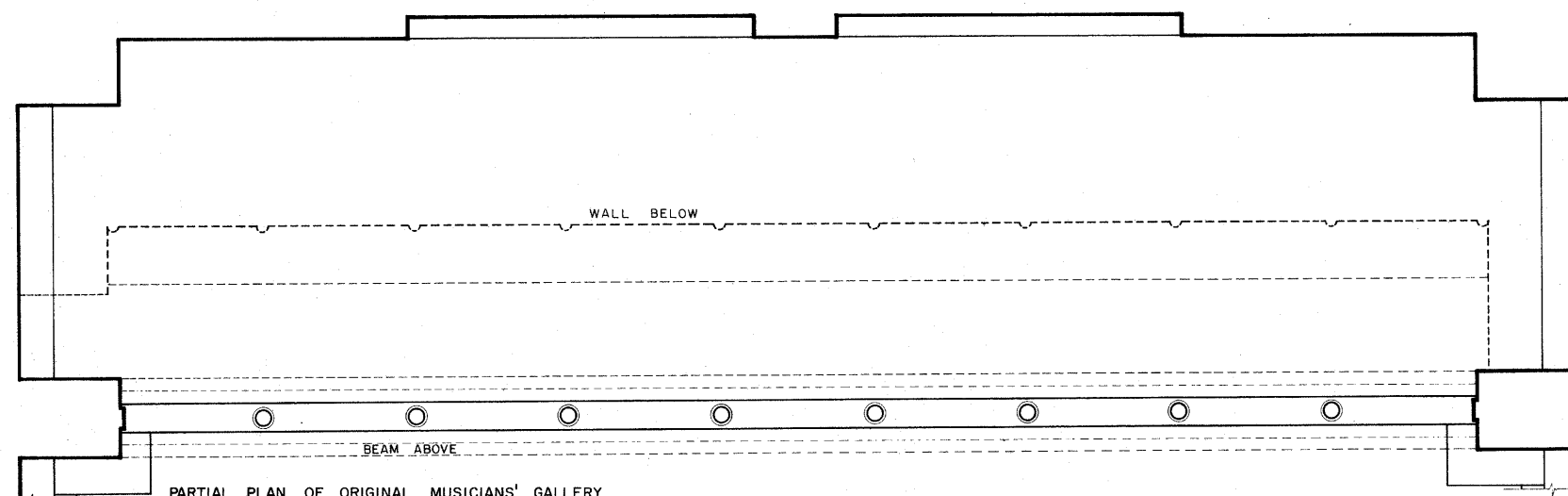
1
52 BANQUET HALL ROOF TRUSS AT COLUMN 6 & 8 LOOKING NORTH







CROSS SECTION LOOKING NORTH TO ORIGINAL MUSICIANS' GALLERY

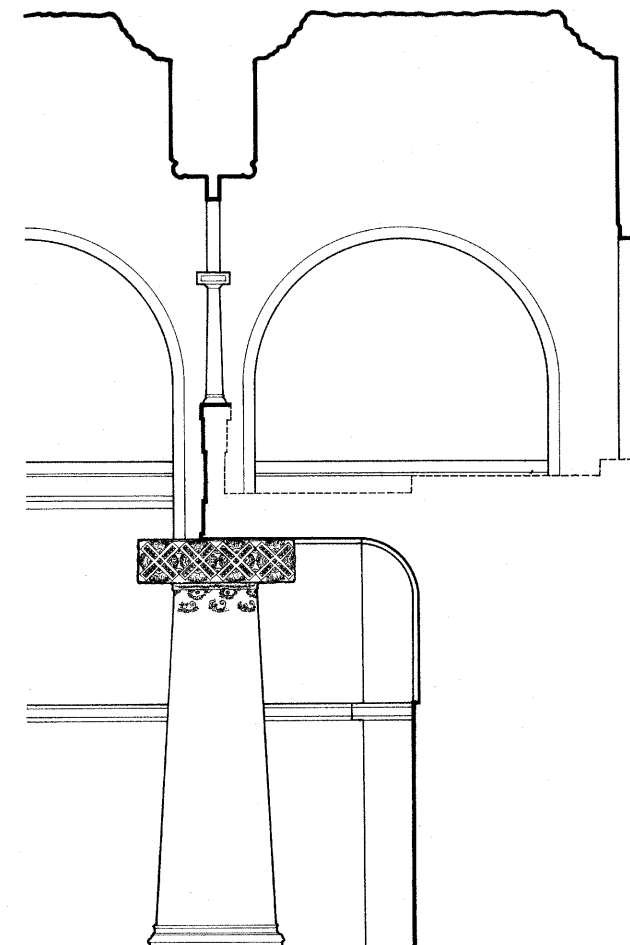


PARTIAL PLAN OF ORIGINAL MUSICIANS' GALLERY

NORTH END OF GANZ HALL, ROOSEVELT UNIVERSITY, SOUTH MICHIGAN AVENUE, CHICAGO, ILLINOIS--IN ORIGINAL CONDITION AS THE BANQUETTING HALL, THE AUDITORIUM BUILDING PHOTOGRAPHY AND SURVEY CONTROL, MAY 24, 1979, WITH GALILEO-SANTONI PHOTO THEODOLITE #00106, PERRY AND ERIK BORCHERS. PHOTGRAMMETRIC PLOTTING COMBINED WITH PHOTOGRAMMETRIC ANALYSIS OF HISTORIC PHOTOGRAPHS OF THE BANQUETTING HALL BY PERRY E. BORCHERS, PROFESSOR OF ARCHITECTURE, THE OHIO STATE UNIVERSITY. DELINEATION BY VARATHORN BOOKAMAN, JUNE 1979.

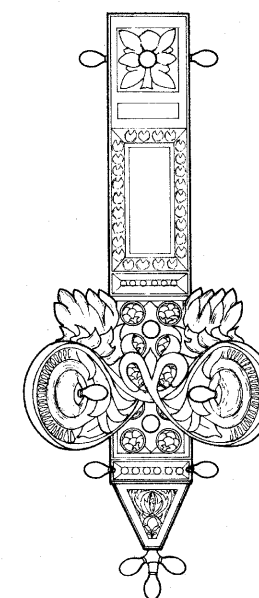
0 1 2 3 4 5 6 7 8 9 10 SCALE IN FEET

0 1 2 3 4 5 6 SCALE IN METERS

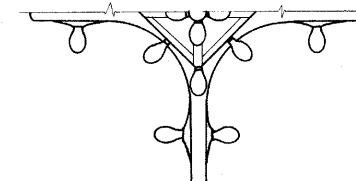


SECTION THROUGH ORIGINAL MUSICIANS' GALLERY

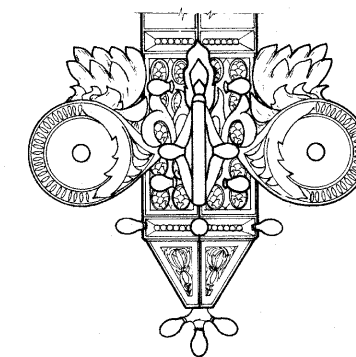
ORIGINAL LIGHTING FIXTURE BY ADLER & SULLIVAN, ARCHITECTS



ELEVATION



HALF PLAN - ON DIAGONAL



ELEVATION - ON DIAGONAL

0 1 2 3 4 5 SCALE IN FEET FOR LIGHTING FIXTURE

DRAWN BY: VARATHORN BOOKAMAN & JOSEPH A. TREPIONE JR.
DRAWN FOR: JOHN VINCI, AIA, RESTORATION ARCHITECT
OFFICE OF THE NATIONAL PARK SERVICE,
UNITED STATES DEPARTMENT OF THE INTERIOR

430 S. MICHIGAN AVENUE
CHICAGO

NAME AND LOCATION OF STRUCTURE
ADDENDUM TO: AUDITORIUM BUILDING (ROOSEVELT UNIVERSITY)

COOK COUNTY

ILLINOIS

SURVEY NO.
IL-1007

HISTORIC AMERICAN
BUILDINGS SURVEY
SHEET 1 OF 1 SHEETS

UNIVERSITY OF ILLINOIS
AT CHICAGO