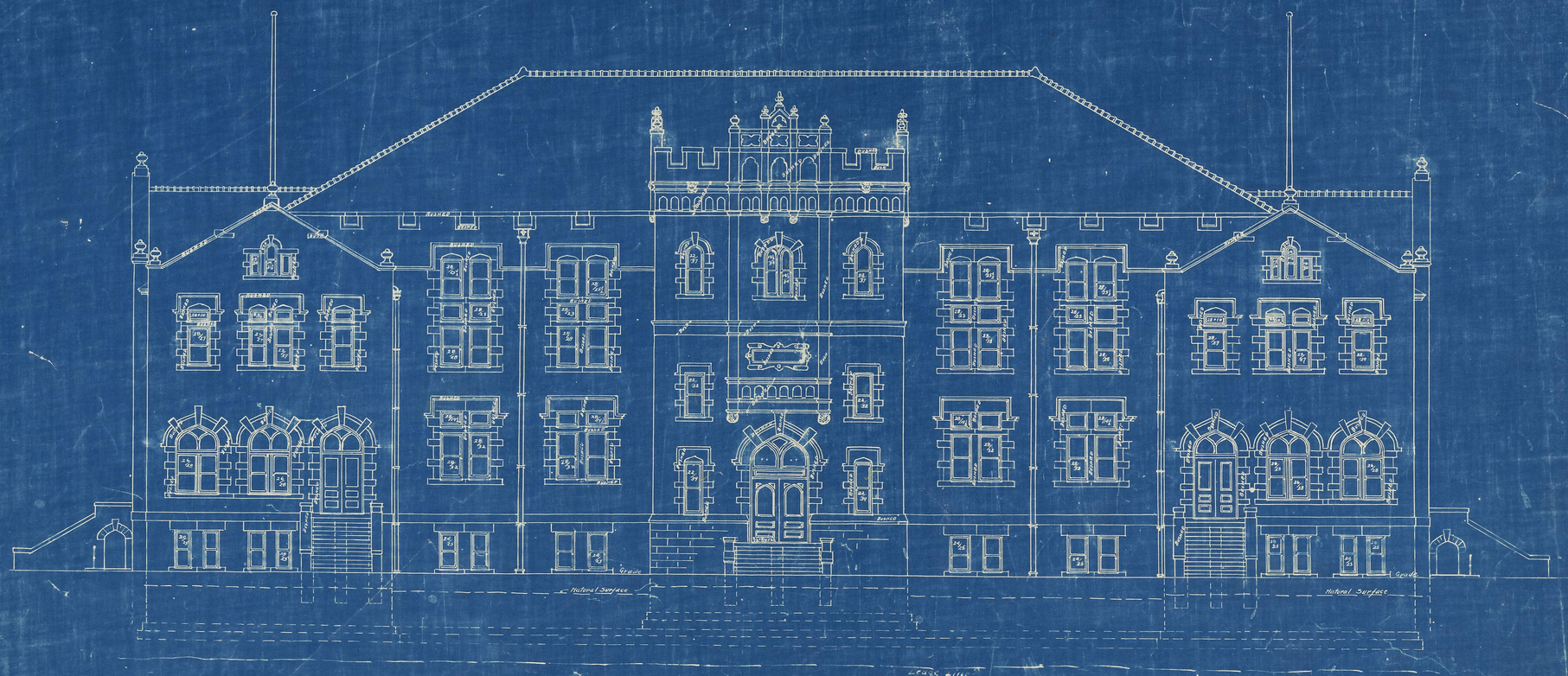
1



ROBINSON GYM

PLANS OF AUDITORIUM-GYMNASIUM
FOR THE UNIVERSITY OF KANSAS
AT LAWRENCE · · · SCALE ⅛-ONE FOOT
JOHN I STANTON STATE ARCHITECT

15

DETAIL OF FRONT ENTRANCES

DETAIL OF TOWER WINDOWS

PLANS OF AUDITORIUM-GYMNASIUM
FOR THE UNIVERSITY OF KANSAS . . .
AT LAWRENCE . . . SCALE 3/4" = ONE FOOT.
JOHN F. STANTON STATE ARCHITECT. . . .

2

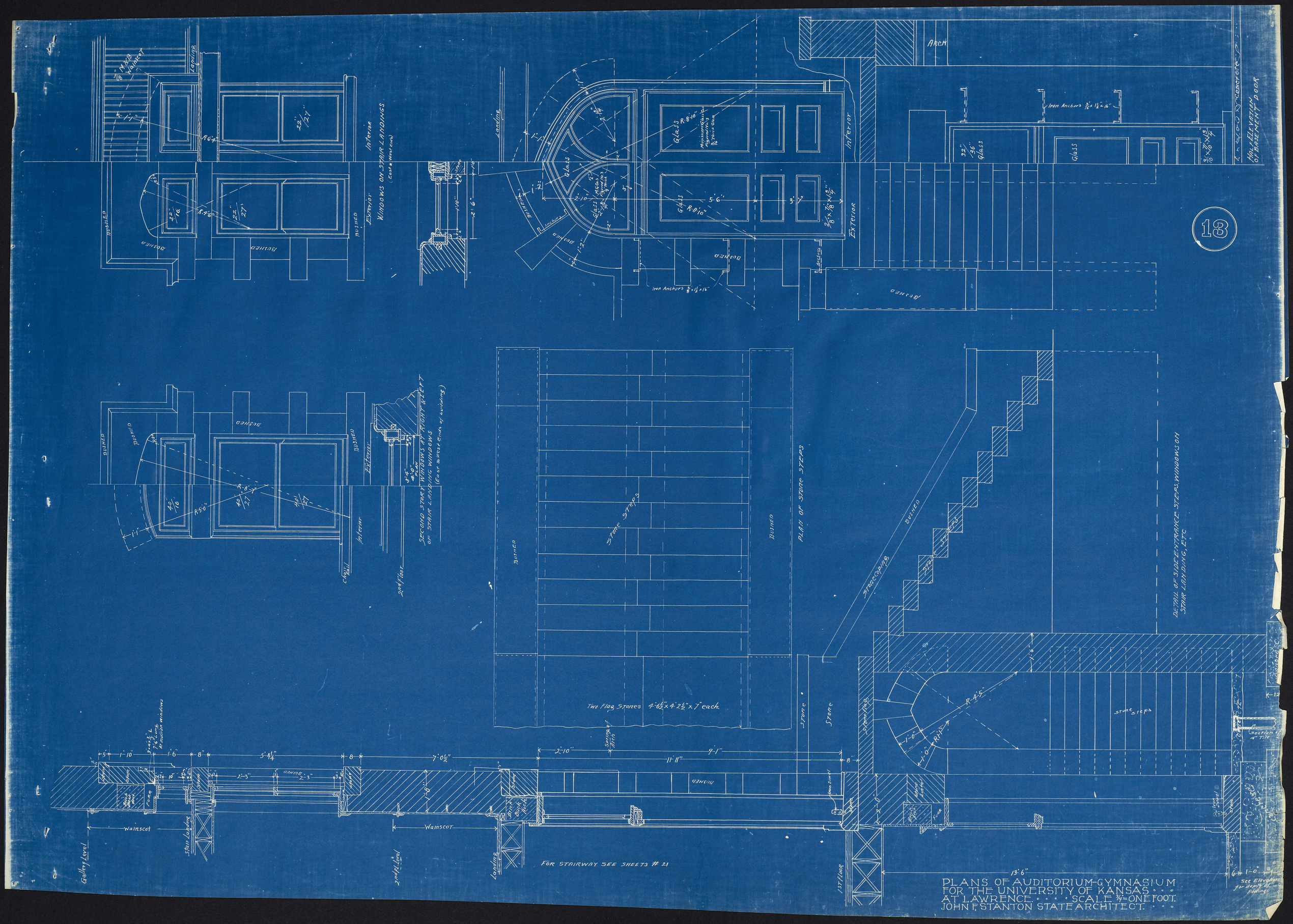


PLANS OF AUDITORIUM-GYMNASIUM
FOR THE UNIVERSITY OF KANSAS . . .
AT LAWRENCE . . . . SCALE 1/8 = ONE FOOT
JOHN F STANTON STATE ARCHITECT . . . .



REAR ELEVATION

PLANS OF AUDITORIUM-GYMNASIUM
FOR THE UNIVERSITY OF KANSAS . . . .
AT LAWRENCE . . . . SCALE ⅛=ONE FOOT
JOHN F. STANTON STATE ARCHITECT . . . .



PLANS OF AUDITORIUM-GYMNASIUM
FOR THE UNIVERSITY OF KANSAS
AT LAWRENCE. SCALE ¾"=ONE FOOT.
JOHN F. STANTON STATE ARCHITECT.

FRONT DETAIL OF UPPER PART OF TOWER AND WINDOWS

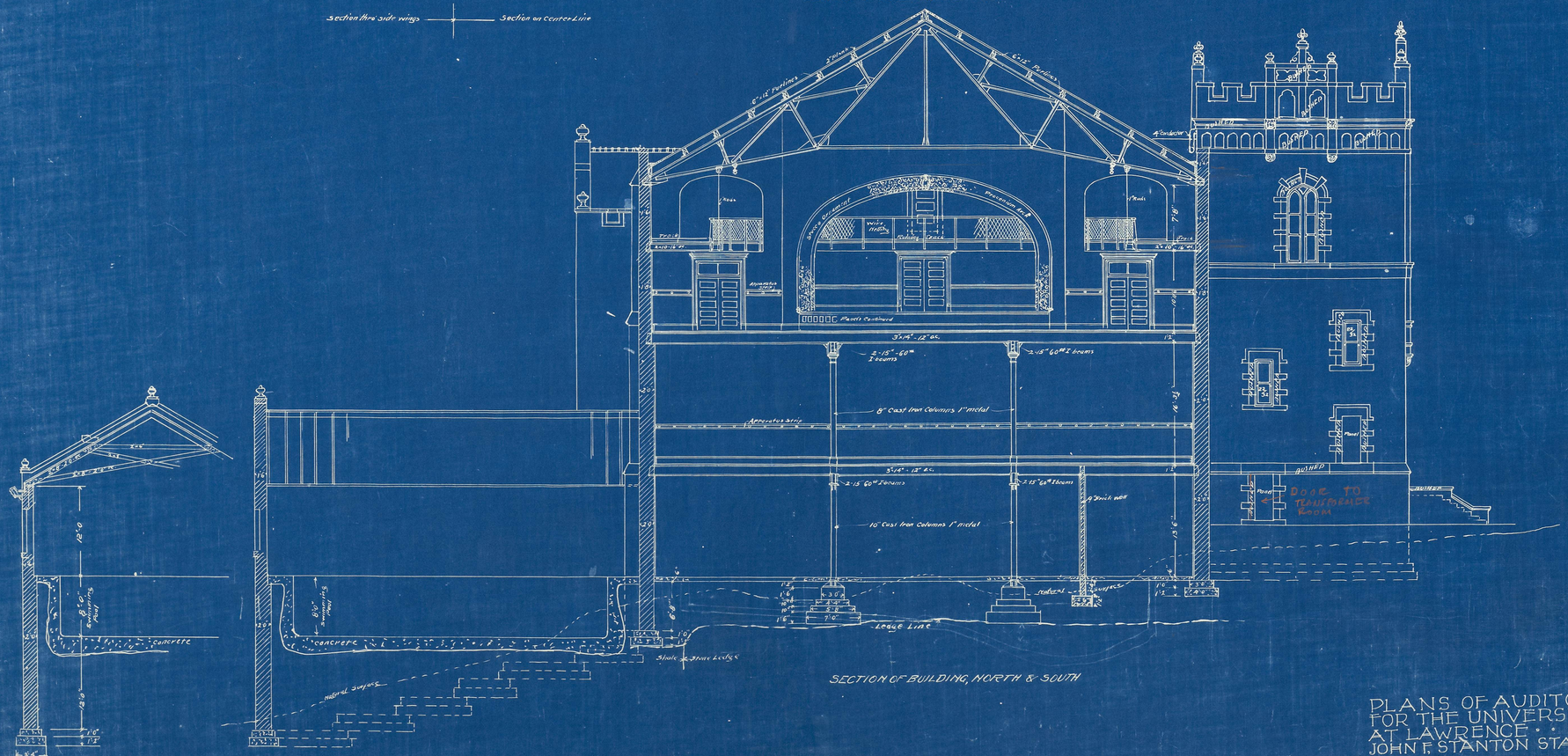
INTERIOR DETAIL OF SINGLE WINDOWS

PLANS OF AUDITORIUM-GYMNASIUM
FOR THE UNIVERSITY OF KANSAS . . .
AT LAWRENCE . . . . SCALE 3/4" = ONE FOOT.
JOHN F. STANTON STATE ARCHITECT. . . .

5

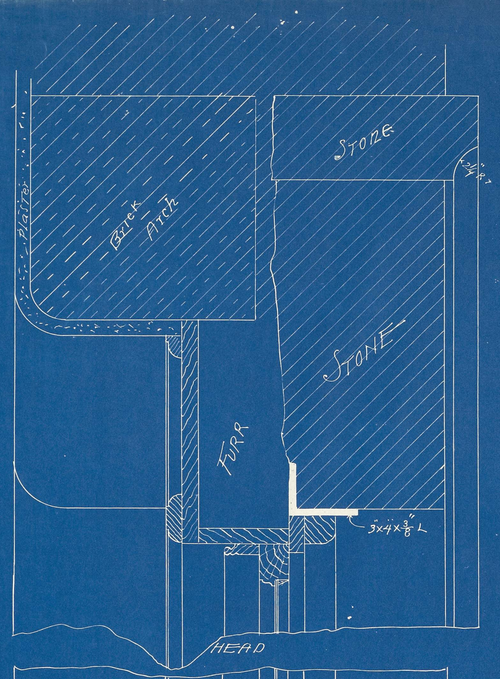


SECTION OF BUILDING, EAST & WEST

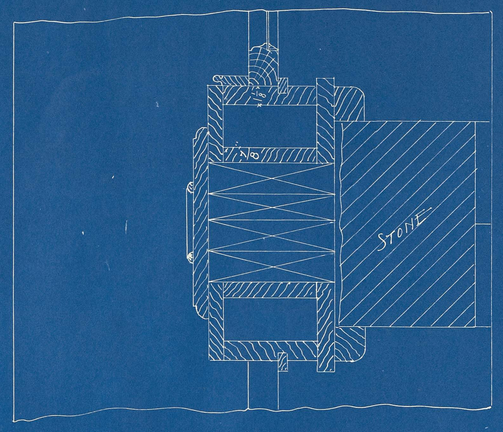


SECTION OF BUILDING, NORTH & SOUTH

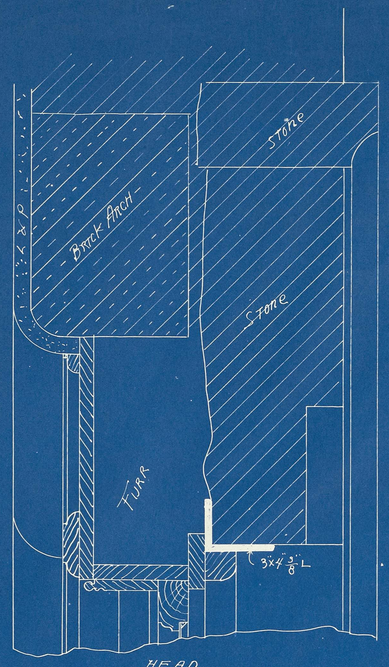
PLANS OF AUDITORIUM-GYMNASIUM
FOR THE UNIVERSITY OF KANSAS . . .
AT LAWRENCE . . . . SCALE 1/8"=ONE FOOT.
JOHN F. STANTON STATE ARCHITECT. . . .



HEAD



GYM & AUDITORIUM WINDOW MULLIONS



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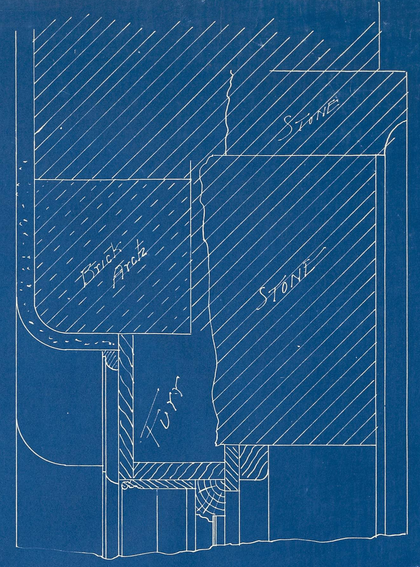
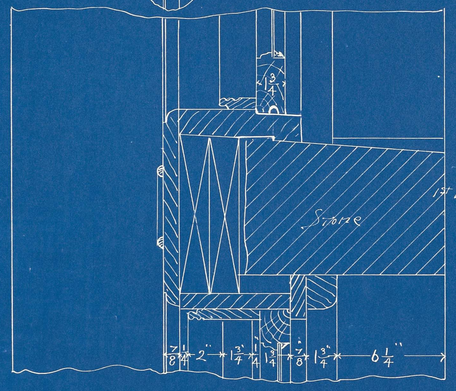
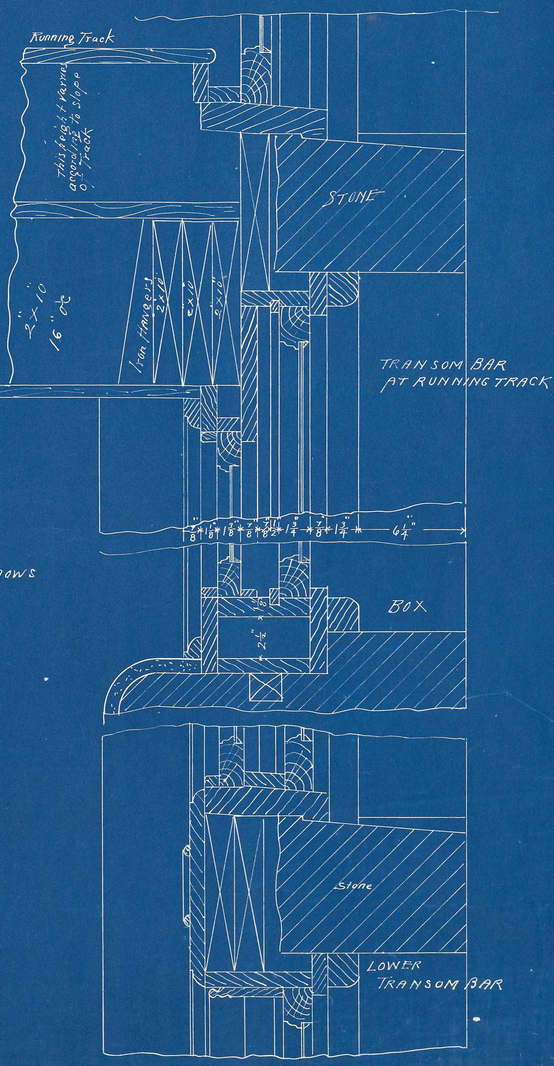


HEAD OF 2ND STORY SIDE WINDOWS OF RIGHT & LEFT WINGS OF BUILDING

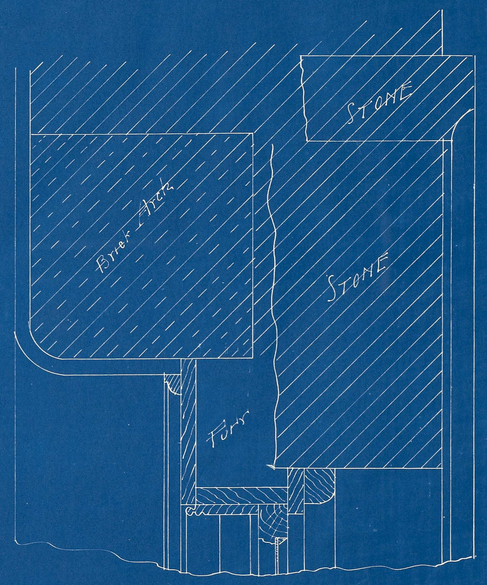


1st & 2nd STORY Transom Bar same as this in Side Wings of Building

TRANSOM BAR.

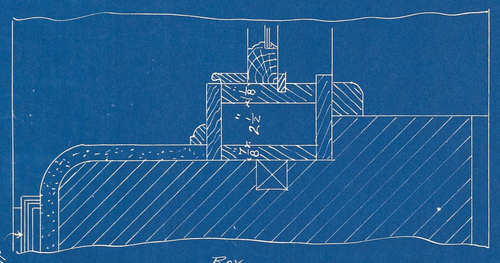


TRANSOM BAR AT RUNNING TRACK

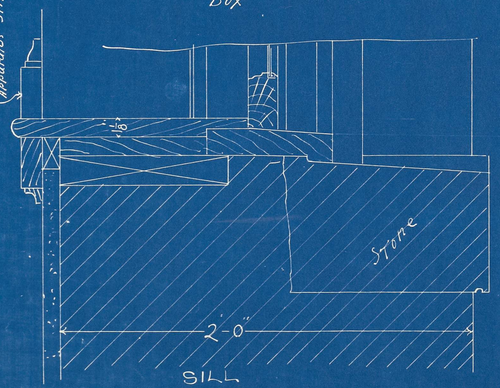


HEAD OF 1ST STORY WINDOWS IN SIDE OF RIGHT & LEFT WINGS OF BUILDING

Note:- Windows in Trophy Room to be cased and to have cast iron lintels as shown on sheet #24

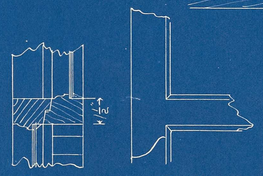


Box

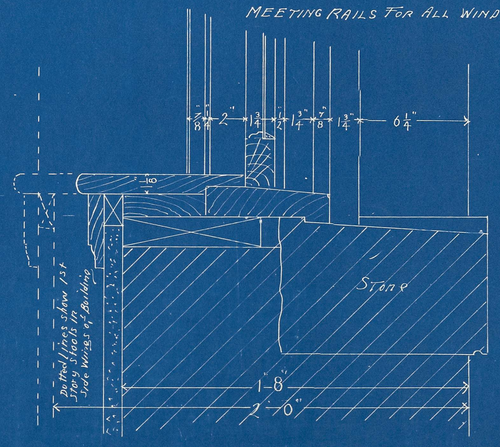


SILL

ENLARGED DETAILS OF 1ST STORY GYM WINDOWS



MEETING RAILS FOR ALL WINDOWS



AUDITORIUM AND OTHER 2ND STORY WINDOW SILLS

AUDITORIUM AND RUNNING TRACK WINDOW DETAILS.

PLANS OF AUDITORIUM-GYMNASIUM FOR THE UNIVERSITY OF KANSAS . . . AT LAWRENCE . . . SCALE 3"-ONE FOOT. JOHN F. STANTON STATE ARCHITECT. . . .

12

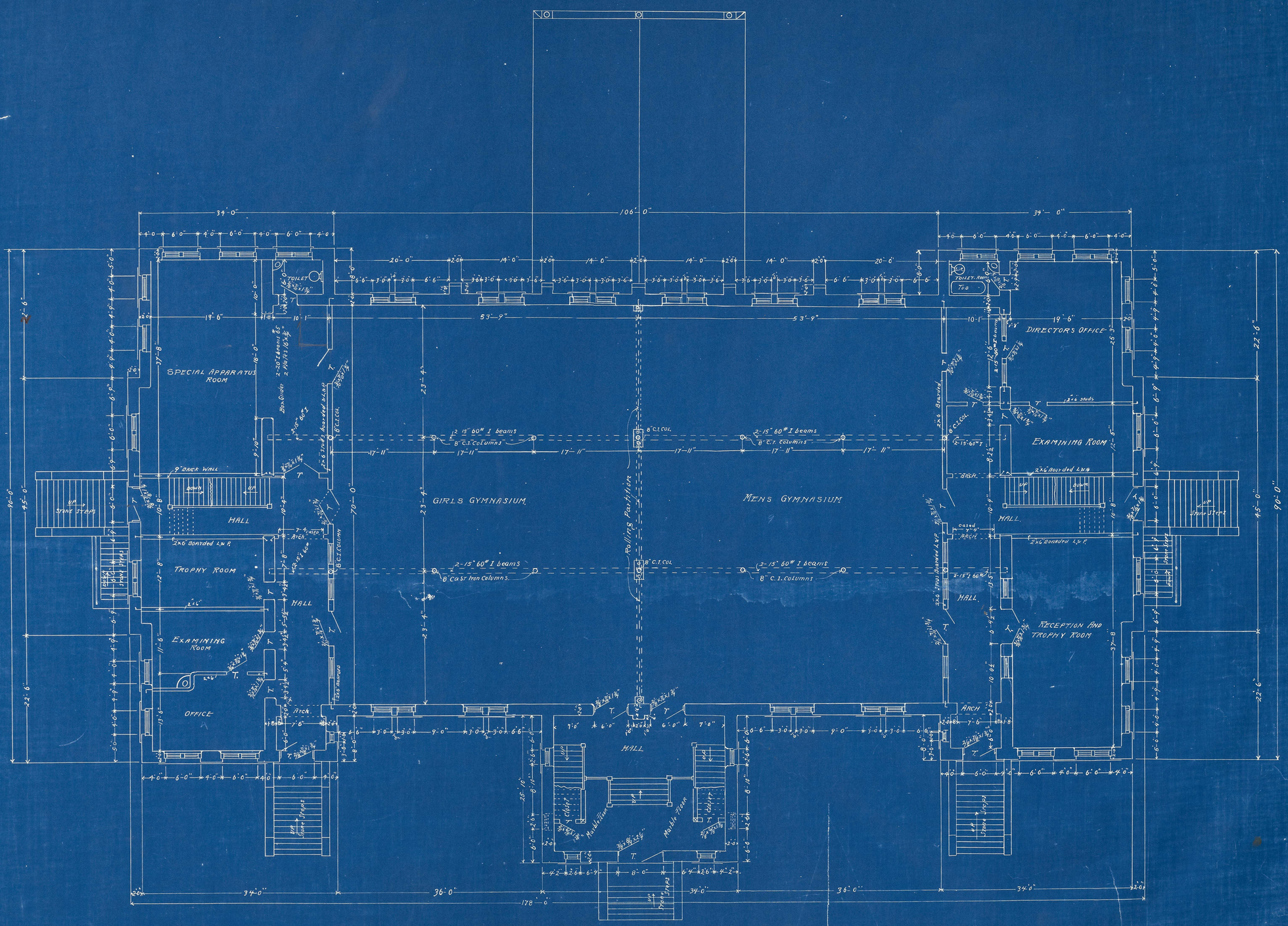
DETAIL OF AUDITORIUM WINDOWS

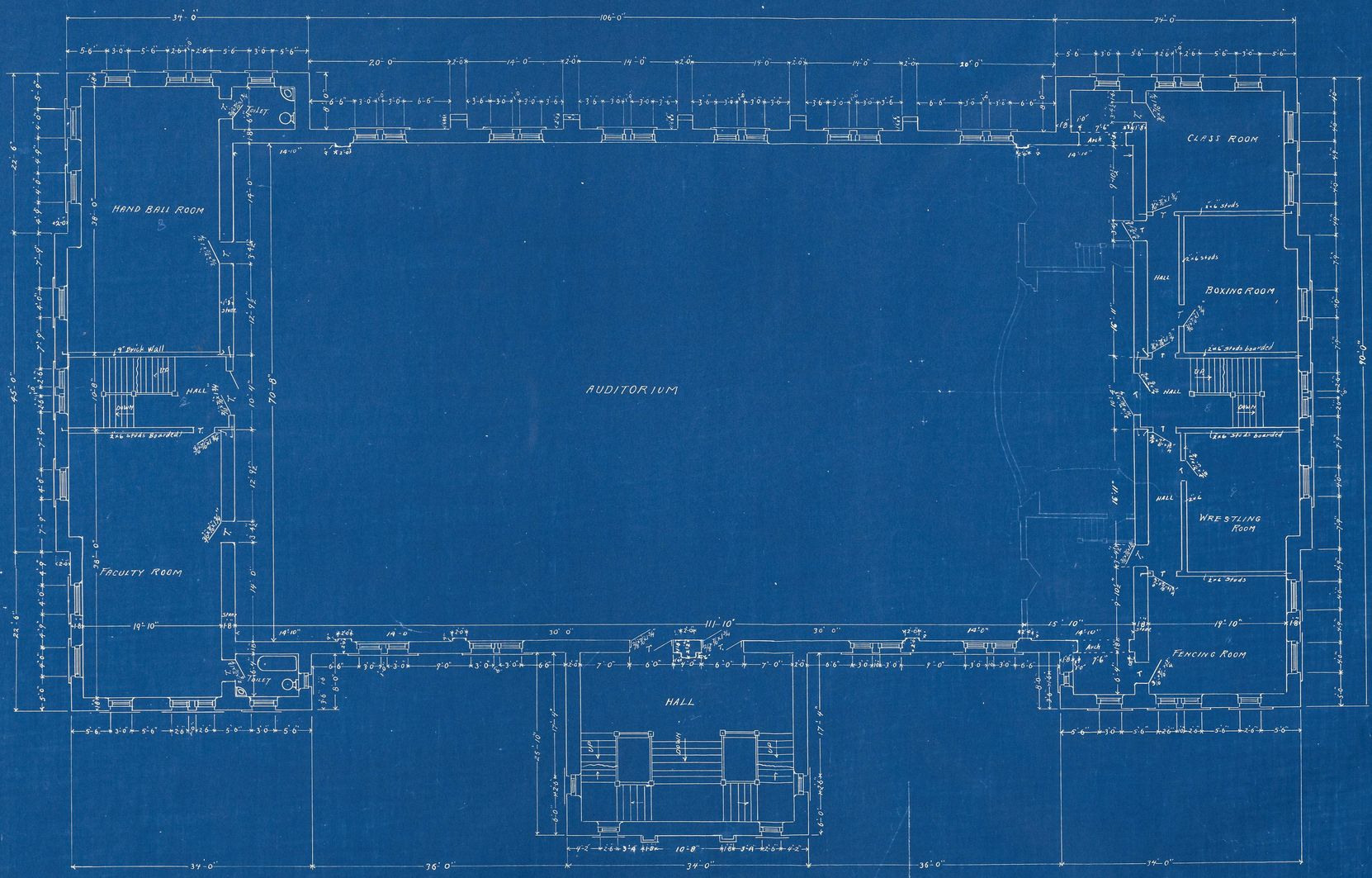
DETAIL OF LOCKER ROOM AND GYM. WINDOWS.

DETAIL OF SWIMMING POOL WINDOWS, ETC.

PLANS OF AUDITORIUM-GYMNASIUM
FOR THE UNIVERSITY OF KANSAS . . .
AT LAWRENCE . . . SCALE ¾"=ONE FOOT
JOHN F STANTON STATE ARCHITECT. . . .

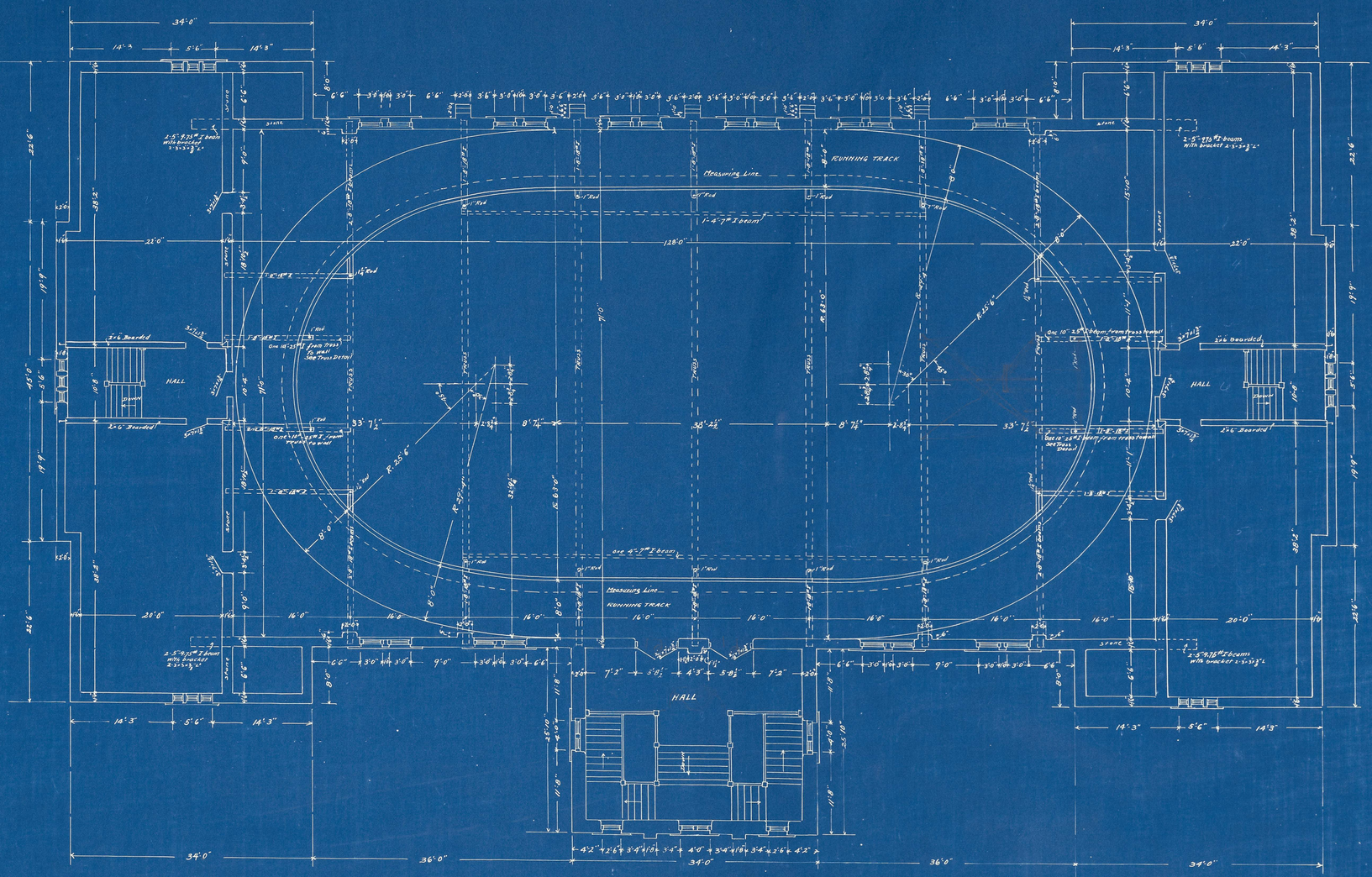
8


SPECIAL APPARATUS ROOM
TOILET
TOILET
TOILET ROOM
TOILET ROOM
DIRECTOR'S OFFICE
EXAMINING ROOM
9" BRICK WALL
HALL
TROPHY ROOM
HALL
EXAMINING ROOM
OFFICE
GIRLS GYMNASIUM
MENS GYMNASIUM
Fullings Partition
HALL
HALL
RECEPTION AND TROPHY ROOM
HALL
Marble Floor
Marble Floor
8" C.I. COL.
8" C.I. COL.
8" C.I. COL.
8" C.I. COL.
8" C.I. COL.
8" C.I. COL.
8" C.I. COL.
8" C.I. COL.
8" C.I. COL.
8" C.I. COL.
8" C.I. COL.
8" C.I. COL.
2-15" 60# I beams
8" C.I. columns
2-15" 60# I beams
8" C.I. columns
2-15" 60# I beams
8" Cast Iron Columns
2-15" 60# I beams
8" C.I. Columns
2-15" 60# I beams
2-15" 60# I beams
2-15" 60# I beams
2x6 Boarded L.W.P.
2x6 Boarded L.W.P.
2x6 Boarded L.W.P.



SECOND FLOOR PLAN

PLANS OF AUDITORIUM-GYMNASIUM
FOR THE UNIVERSITY OF KANSAS . . .
AT LAWRENCE . . . . SCALE 1/8=ONE FOOT
JOHN F. STANTON STATE ARCHITECT. . . .



THIRD FLOOR AND TRACK PLAN

PLANS OF AUDITORIUM-GYMNASIUM
FOR THE UNIVERSITY OF KANSAS . . .
AT LAWRENCE . . . . SCALE 1/8=ONE FOOT
JOHN F. STANTON STATE ARCHITECT. . . .

SWIMMING POOL

GIRLS LOCKER ROOM

BOYS LOCKER ROOM

TRAINER

FOOT BALL AND TRACK

BASE BALL

FACULTY

GIRLS REST ROOM

BOWLING ALLEY

Fresh Air Room

Tempering Coils

Temp. Air Room

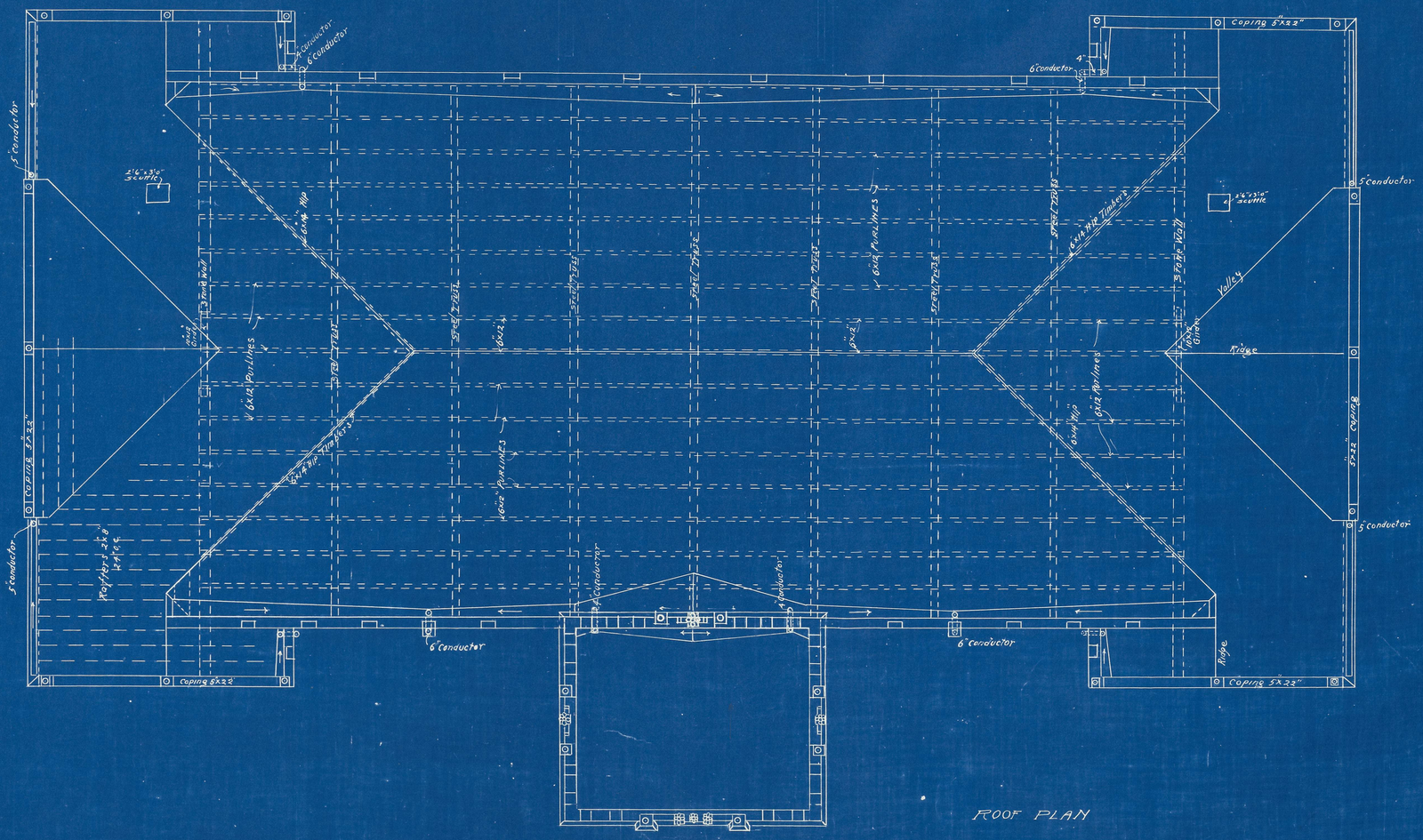
Fan

Return Air Room

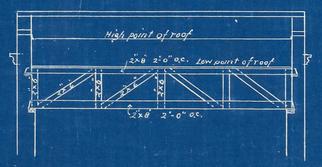
TOILET

BASEMENT FLOOR PLAN

PLANS OF AUDITORIUM-GYMNASIUM
FOR THE UNIVERSITY OF KANSAS . . .
AT LAWRENCE . . . . SCALE 1/8" = ONE FOOT
JOHN F STANTON STATE ARCHITECT . . .



ROOF PLAN



PLANS OF AUDITORIUM-GYMNASIUM
FOR THE UNIVERSITY OF KANSAS
AT LAWRENCE . . . SCALE 1/8 = ONE FOOT
JOHN F. STANTON STATE ARCHITECT. . . .

LEVEL FLOOR

LINE OF INCLINATION

8'0"

8'0"

29'4" Rad.

85'10" Rad.

63'0" Rad.

7'10" Wide

35'-6"

84'-9½" Rad.

3'7½"

2'8"

2'8"

2'8¼"

7'5"

33'-7½"

CENTRE LINE

ONE-QUARTER PLAN OF TRACK.

17'6" Rad.

LINE OF INCLINATION

2×8

2×6

2×10

SECT. B.B.

17'6" Rad.

LINE OF INCLINATION

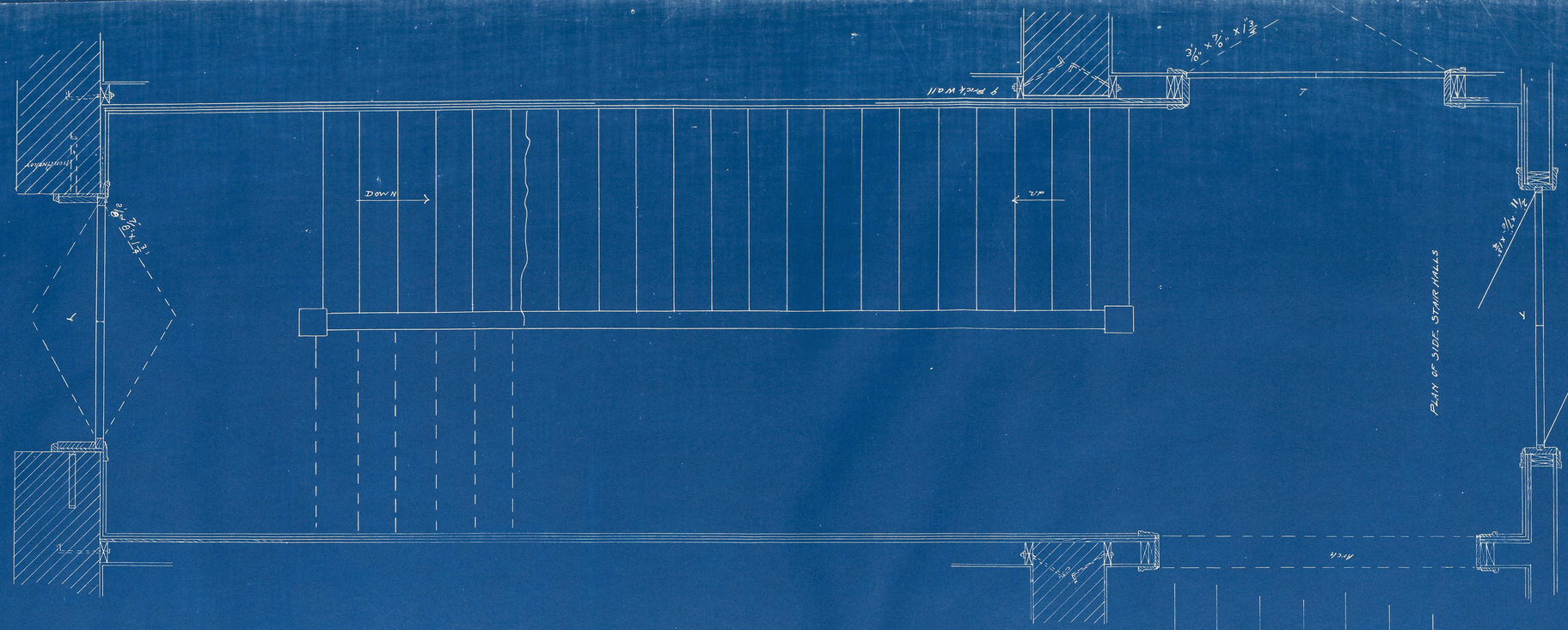
2×10

2"

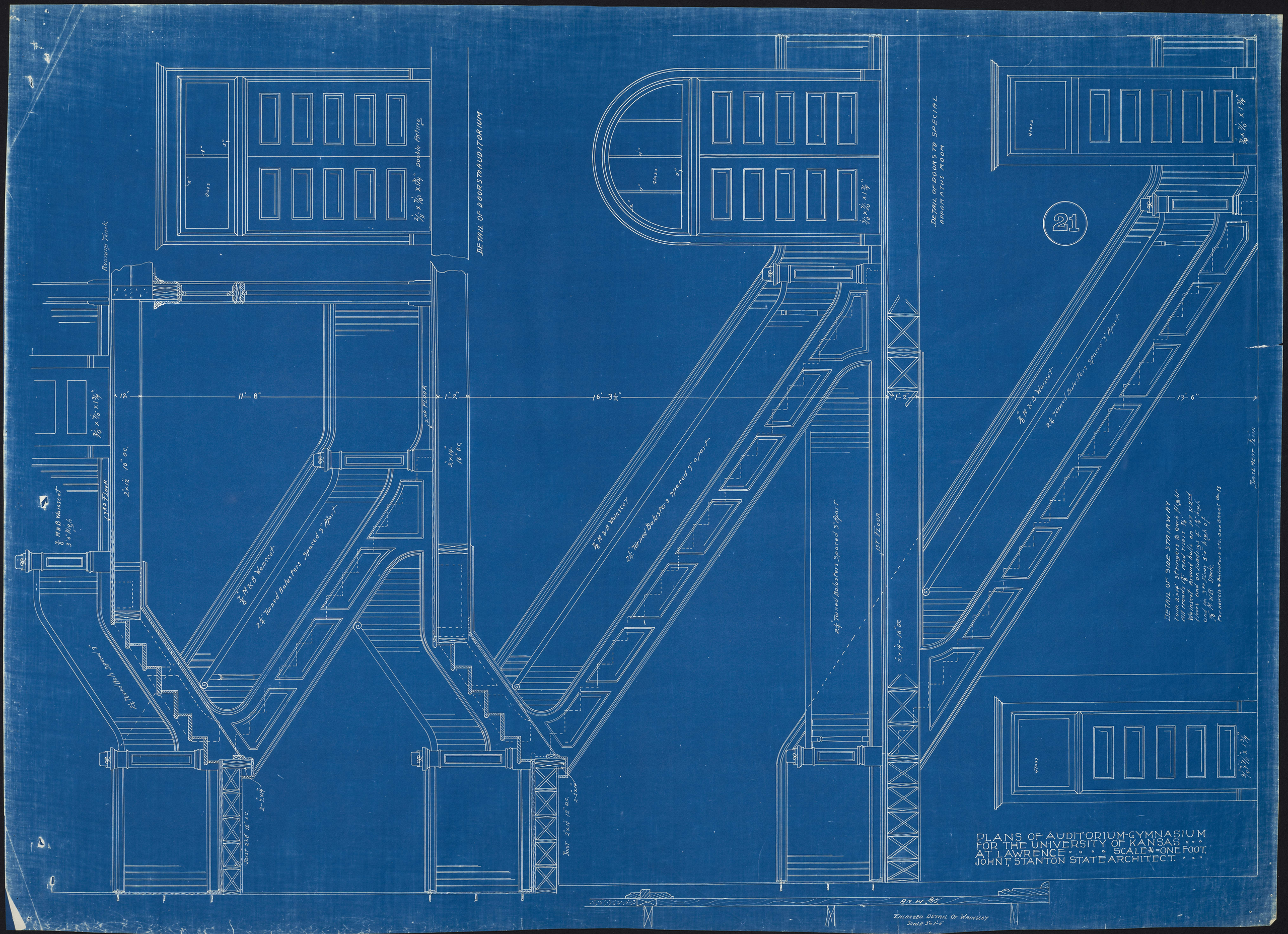
2"

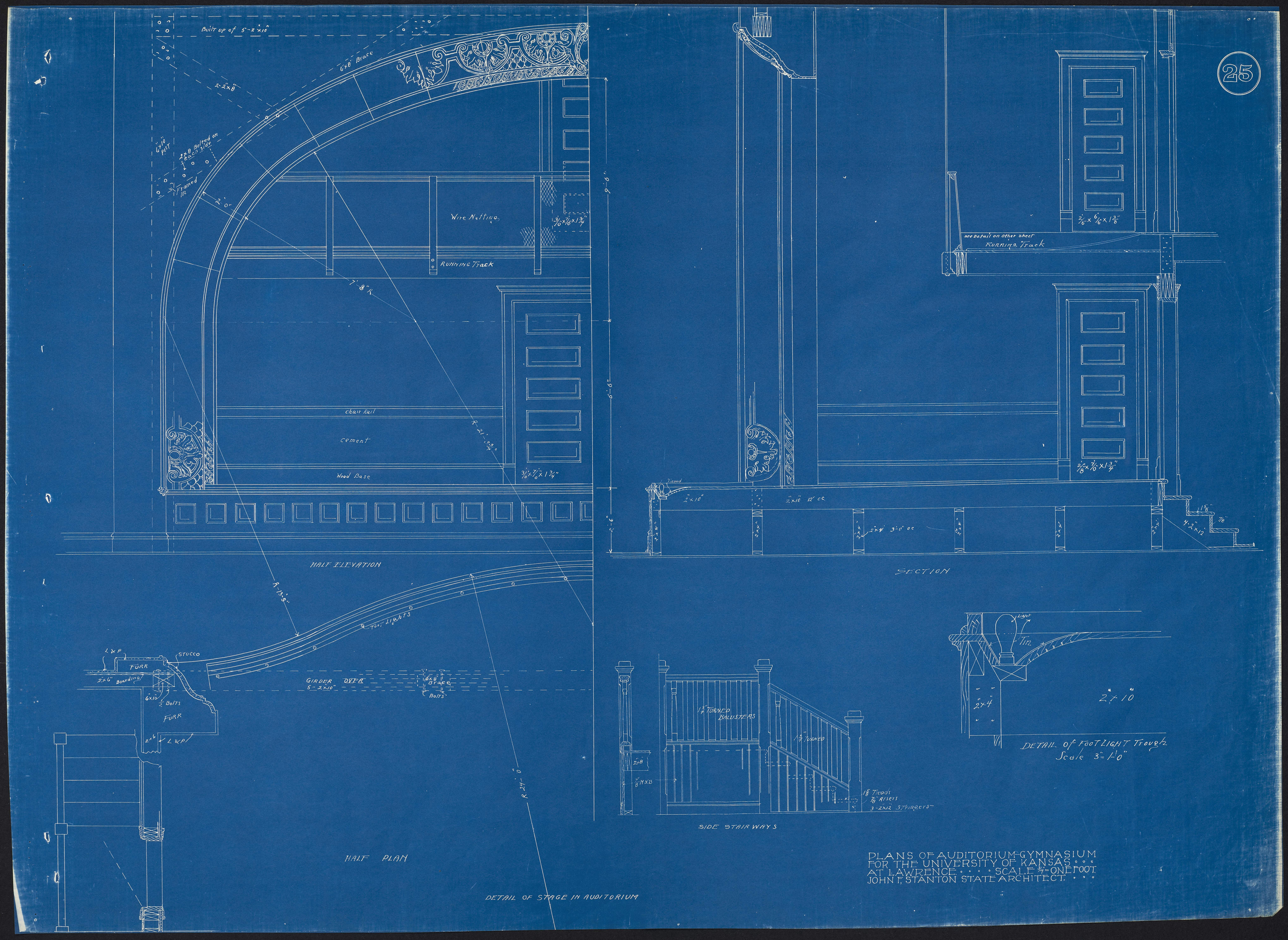
2"

17

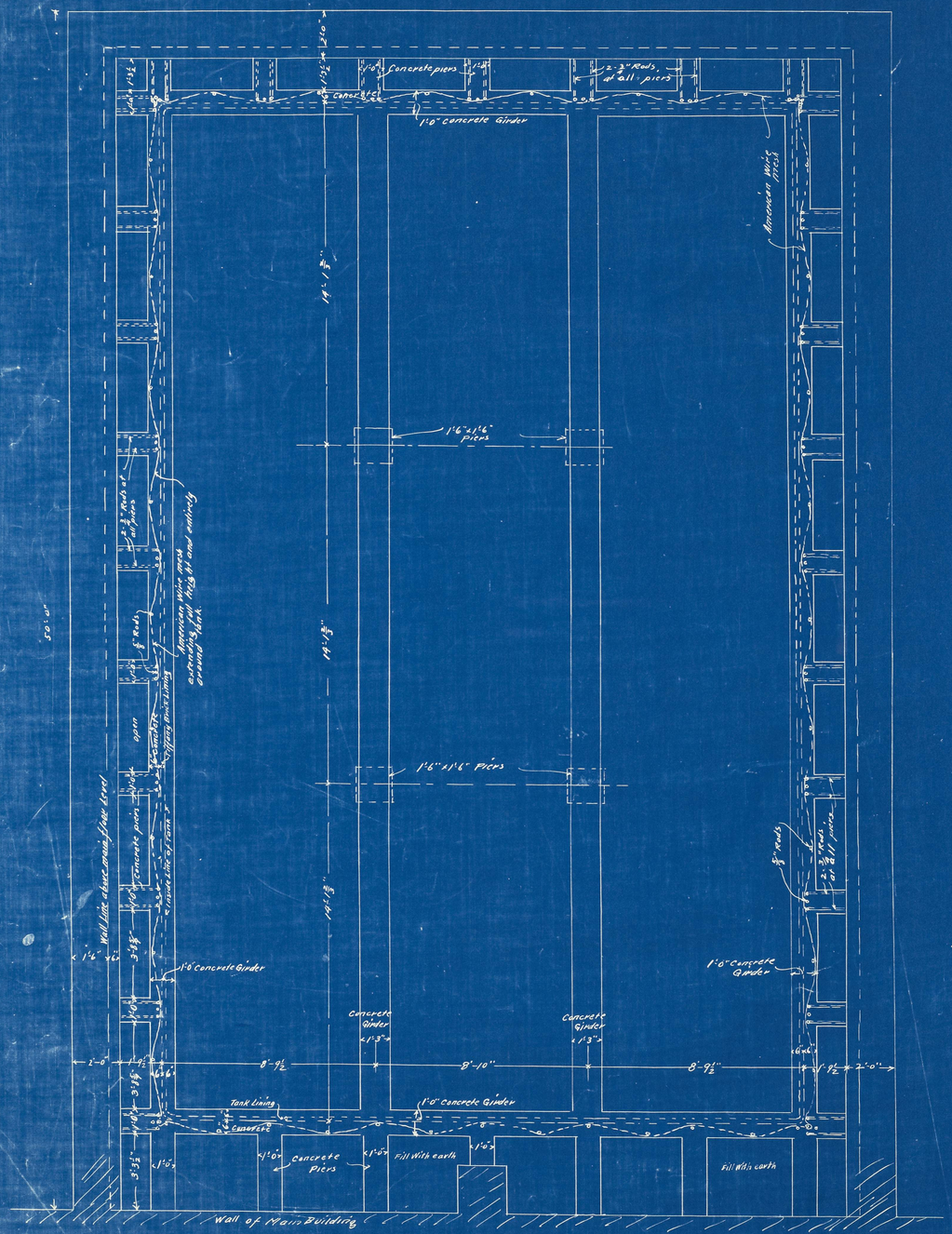


PLANS OF AUDITORIUM-GYMNASIUM
FOR THE UNIVERSITY OF KANSAS . . .
AT LAWRENCE. . . . . SCALE 3/4"=ONE FOOT.
JOHN F. STANTON STATE ARCHITECT. . . .


21
DETAIL OF DOORS TO AUDITORIUM
DETAIL OF DOORS TO SPECIAL APPARATUS ROOM
Running Track
Double Acting
Glass
12"
11'-8"
1'-2"
16'-3½"
1'-2"
13'-6"
2ND FLOOR
1ST FLOOR
BASEMENT FLOOR
7/8" M & B Wainscot
2¼" Turned Balusters Spaced 3" Apart
2¼" Turned Balusters Spaced 3" Apart
7/8" M & B Wainscot
2¼" Turned Balusters Spaced 3" Apart
7/8" M & B Wainscot
2¼" Turned Balusters Spaced 3" Apart
2¼" Turned Balusters Spaced 3" Apart
2"x12" 16" O.C.
2"x14" 16" O.C.
2"x14" 16" O.C.
2"x14" 16" O.C.
2-2"x14"
2-2"x14"
Joist 2"x8" 12" O.C.
Joist 2"x10" 12" O.C.
3/0"x7/0"x1¾"
3/0"x7/0"x1¾"
3/0"x7/0"x1¾"
3/0"x7/0"x1¾"
3/0"x7/0"x1¾"
3/0"x7/0"x1¾"
2-1/4"x7/0"x1¾"
DETAIL OF SIDE STAIRWAY
Four 2"x14" Stringers to each flight
All treads 1⅝" and risers 7/8"
Wainscot around halls on 1st & 2nd
Floors and on landings 1'-1¾" high
and on 3rd Floor 3'-0" high of
7/8" M & B Stock.
For newels & Balusters etc. See Sheet #13
PLANS OF AUDITORIUM-GYMNASIUM
FOR THE UNIVERSITY OF KANSAS
AT LAWRENCE SCALE ¾"=ONE FOOT.
JOHN F. STANTON STATE ARCHITECT.
ENLARGED DETAIL OF WAINSCOT
Scale 3"=1'-0"

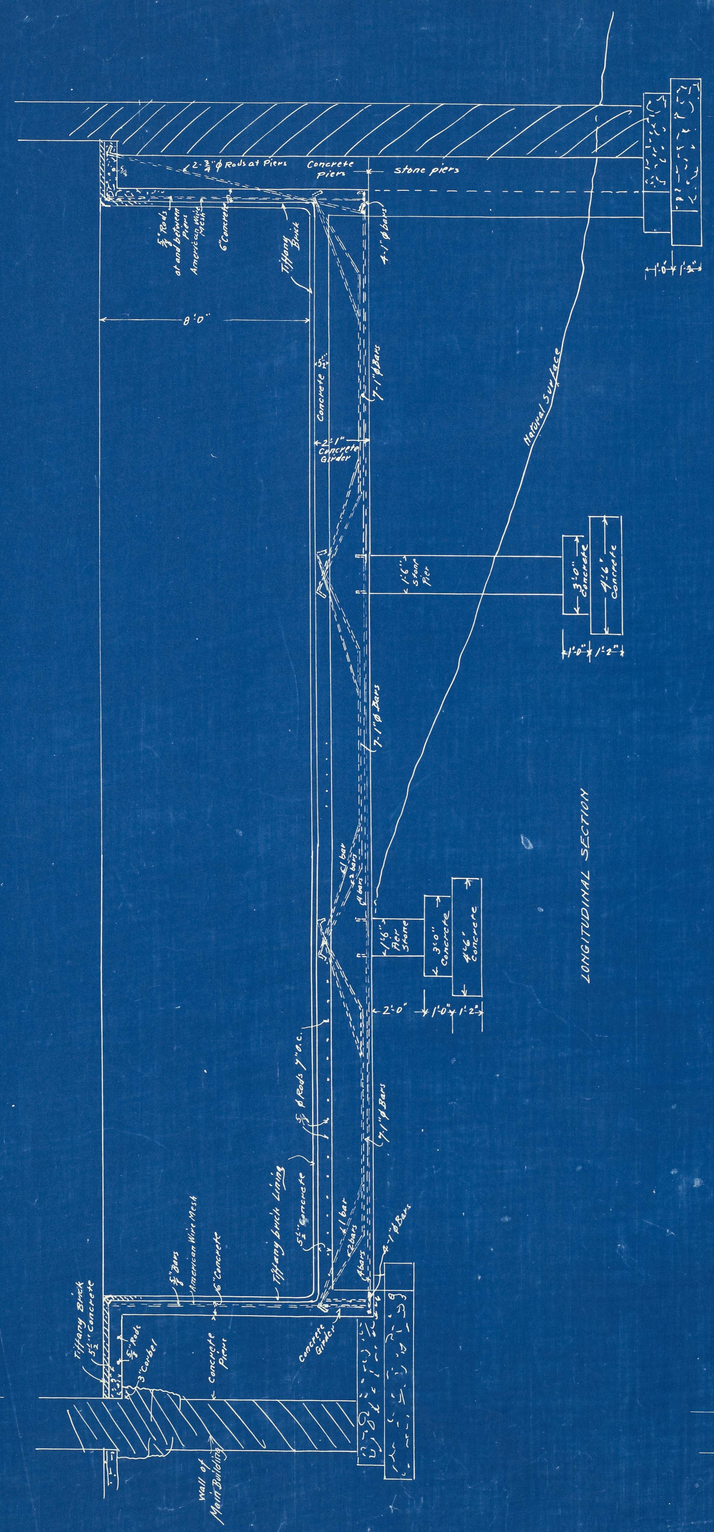


PLANS OF AUDITORIUM-GYMNASIUM
FOR THE UNIVERSITY OF KANSAS
AT LAWRENCE . . . SCALE ¾"=ONE FOOT
JOHN F. STANTON STATE ARCHITECT



DETAIL PLAN OF REINFORCED CONCRETE CONSTRUCTION OF SWIMMING POOL

Scale 3/8"=1'-0"



LONGITUDINAL SECTION



TRANSVERSE SECTION

PLANS OF AUDITORIUM-GYMNASIUM
FOR THE UNIVERSITY OF KANSAS . . .
AT LAWRENCE . . . . SCALE 3/8=ONE FOOT
JOHN F STANTON STATE ARCHITECT. . . .

6

DETAIL OF LOCKER ROOMS FLOOR CONSTRUCTION AND CONCRETE GIRDERS
Scale 3/8" = 1'0"

TRANSVERSE SECTION - East & West

section of Concrete beam

SECTION OF FLOOR CONSTRUCTION ON LINE A-A

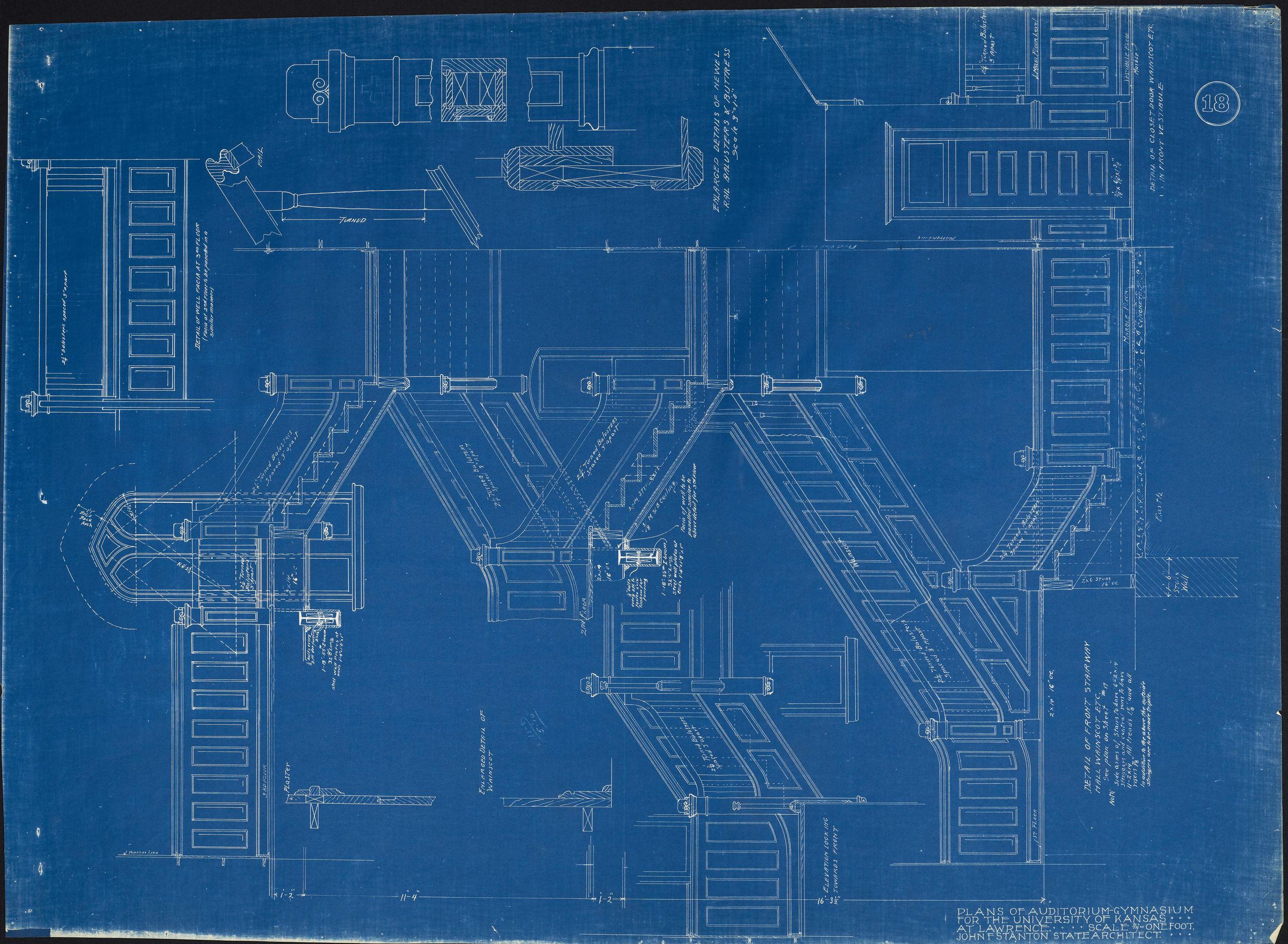
SECTIONS B-B

DETAIL OF GIRDERS C, D & E.
Scale of sections 3/8" = 1'0"

Note: All foundation walls less than 16" thick to be of brick.

NOTE: ALL STONE WALLS 2'0" THICK TO HAVE A 3" CORBEL AS SHOWN ABOVE TO RECEIVE CONCRETE FLOORS.

PLANS OF AUDITORIUM-GYMNASIUM
FOR THE UNIVERSITY OF KANSAS . . .
AT LAWRENCE . . . SCALE 1/8" ONE FOOT.
JOHN F. STANTON STATE ARCHITECT. . . .



PLANS OF AUDITORIUM-GYMNASIUM
FOR THE UNIVERSITY OF KANSAS
AT LAWRENCE. SCALE ¾"=ONE FOOT.
JOHN F STANTON STATE ARCHITECT.

CASING

BASE & PLINTH

Draw buttons over heads of screws

7"

1½"x4" Coach Screw

1¼"

APPARATUS STRIP
Around Gyms & Auditorium Rooms

FULL SIZE DETAILS OF FINISH

HEAD CASING

CHAIR RAIL
Around Smaller Rooms

ENLARGED DETAILS
SCALE 3"=1'-0"

8'0" To Wall

steel Hitch plate ⅜"x8"x10"

⅞" Bolts

3'6" ceiling

3'6" Spaced 4'-6" on Centers

WIRE NETTING
#10 Wire 2" Mesh

¾" Angle

¾" Rivets

1½" Rod

Vertical 1½"

steel plate ⅜"x9½"x6"
⅞" Rivets

2-8"-18# I beams

1⅝"

1-8"-18# I

DETAIL OF CONNECTIONS AND SUPPORTING ROD WHERE THREE BEAMS ARE JOINED AT ANGLE. Scale 3"-1'-0"

Corner Rods or Annealing & Roof Truss

3x6" 4'0" oc

8'0" To wall

This height To Vary

2x10" 16" oc

⅝" Ceiling

Section Scale ¾"=1'-0"

1'x1'0"x1" steel wall plate

8"-18# I beam
10'-4" Long on straight run of track

1" Rod upset to 1¼

Clevis Nut

Upper flange of I beam cut away

4 Steel plate ⅜" thick

Bolt

⅞" Rivets

DETAIL OF CLEVIS NUTS AND CONNECTION AT ENDS OF SINGLE 8" I BEAMS SUPPORTING RUNNING TRACK. Scale 3"-1'0"

PLANS OF AUDITORIUM-GYMNASIUM
FOR THE UNIVERSITY OF KANSAS
AT LAWRENCE. SCALE ¾"=1'-0" & FULL SIZE
JOHN F. STANTON STATE ARCHITECT.

R-3'6"

R-3'9"

1'-6"

7'-0"

Rounded Corners

¾ Wainscot in Halls

ARCHES IN STUD PARTITIONS

ARCHES AT ENTRANCES AND IN MASONRY WALLS 2nd STORY

1" M.G.Co's Figured No.2 ⅜ Thick Glass

Glass

R-3'0"

Mississippi Glass Co's Figured No.2 ⅜ Thick

Apparatus Strip in Gymnasium

3/11"x7'0" x1¾" Double Acting

GYM. DOORS TO HALLS
EAST & WEST

2/8"x7'0"x1¾"

Iron Anchors 3"x1½"x6" Tunned 2 at ends

Paneled Wainscot in Hall

GYM. DOORS TO FRONT HALL

Double Acting

Anchors

FIRST STORY DOORS
See Sheet #21 For other Doors
#27

3/6"x7'0"x1¾"

Rounded Corner

2x6

Jambs in sled partitions

SINGLE DOORS 1ST STORY
2nd & 3RD Story doors same as this but with 8" Transoms of the transoms as marked on plans
See enlarged details on sheet No.27

8" Masonary Jambs

1'-8"

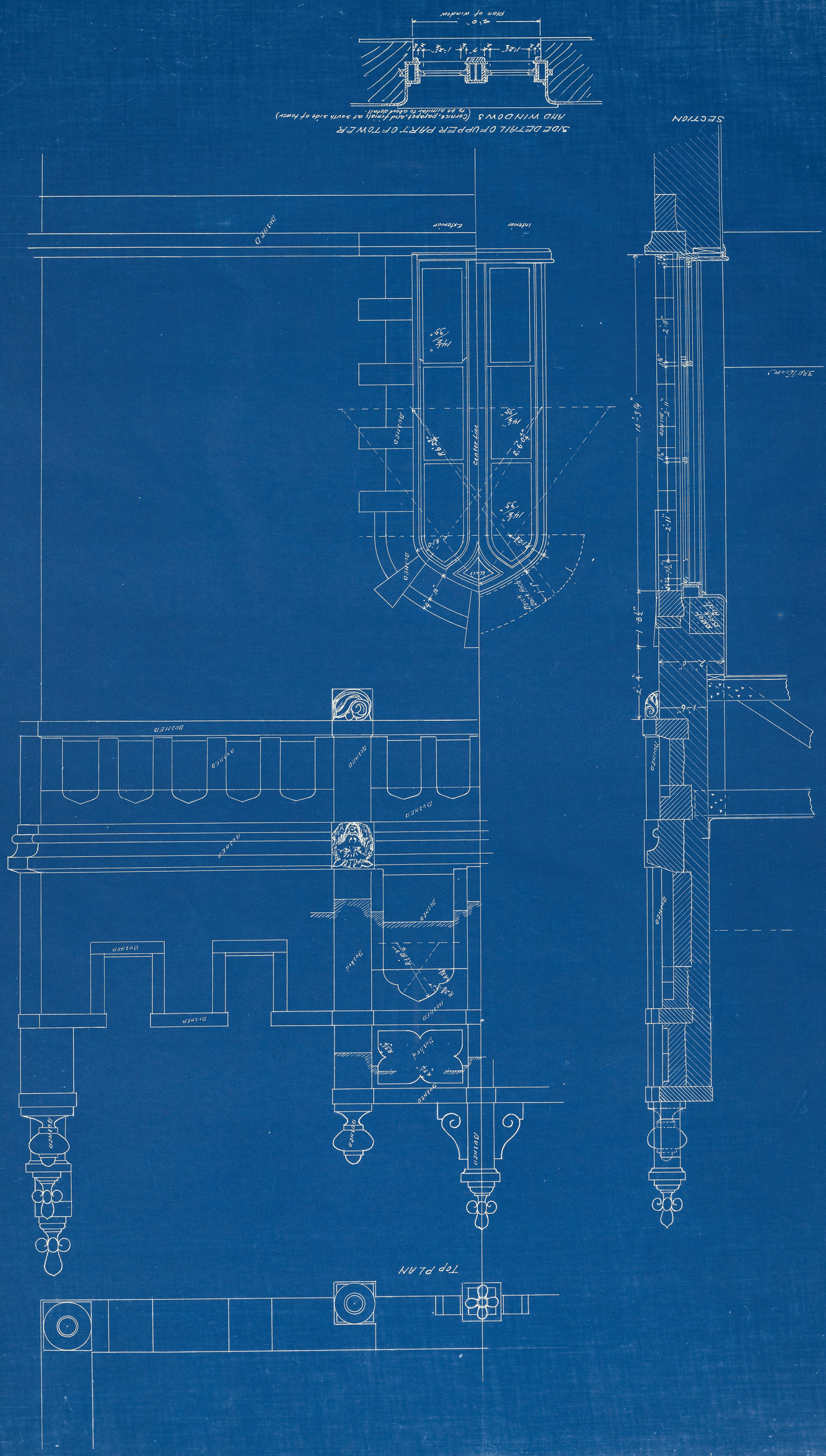
Brick Arch

Rounded Spare

¾ M x B Wainscot

section

29



PLANS OF AUDITORIUM-GYMNASIUM
FOR THE UNIVERSITY OF KANSAS
AT LAWRENCE . . . SCALE ¾"=ONE FOOT.
JOHN F STANTON STATE ARCHITECT.

2x6" Ties
2x14 Joist
Seperators
2-15" 60# I beams
1'-2"
8" Cast Iron Column
1" Metal
16'-3"
Column 15'-0"
1" x 10" x 1" Plan
Section
Detail of bearing plate
8"
10"
Str'l.
2x6 Ties
9x14" Joist
Seperators
2-15" 60# I BEAMS
1½"
10" Column 1" shell
13'-6"
Column 15'-0"
Basement Finished Floor Level
2'-1"
1½"
10½"
10"
1" shell
½"
1"
2"
7"
2"
SECTION
1x2 Strap Furring
Metal ceiling
Wood Casing
Top Screws
Section of Cap
I Brackets
Rivets
Plan of Cap
PLAN OF CAP
3"
1'
12"
2'-6"
Plan of BASE
Note:
ENDS OF COLUMNS AND PLATES TO BE FACED
DETAIL OF CAST COLUMNS AND STEEL BEAMS IN LOCKER AND GYM ROOMS

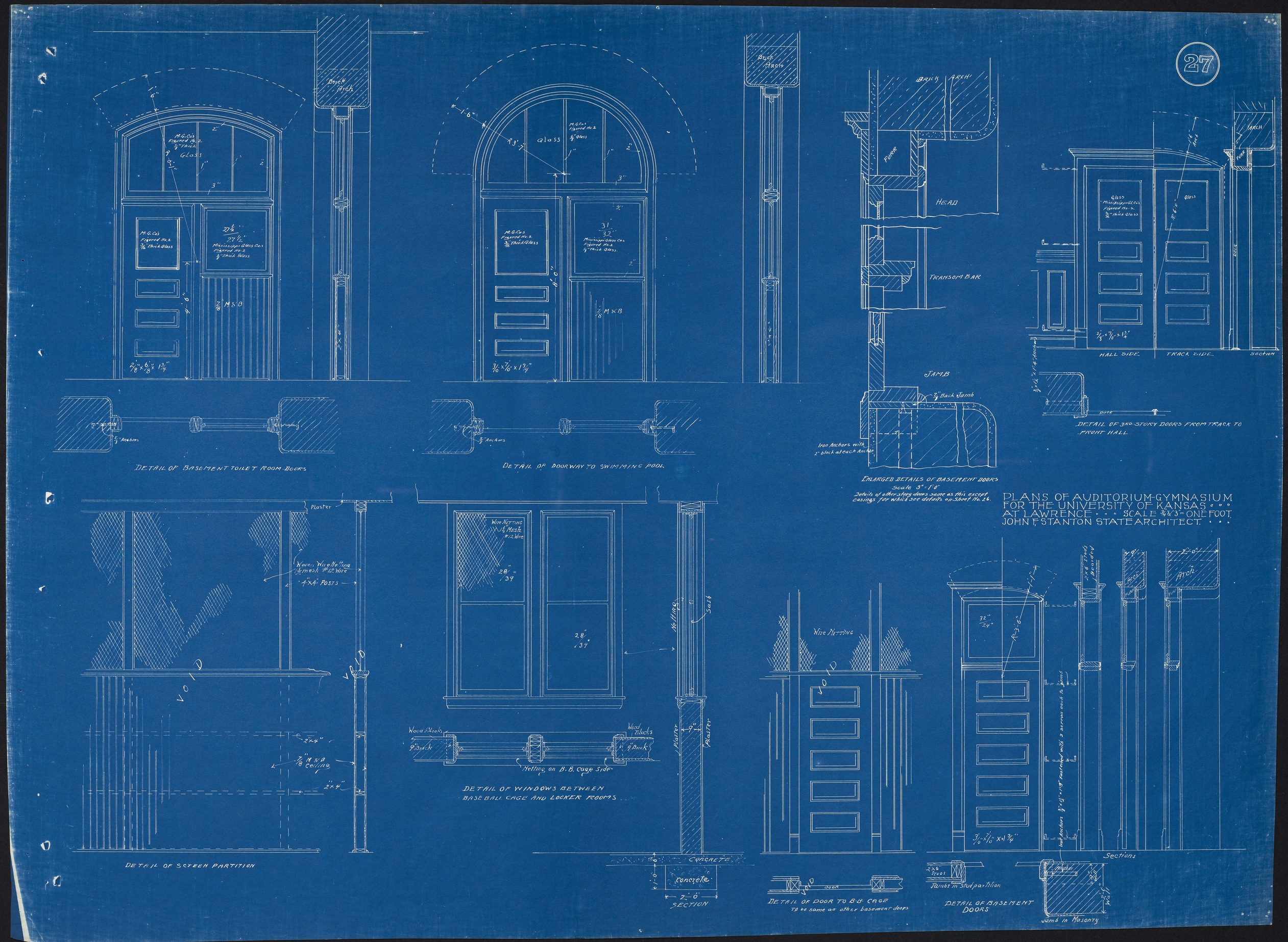
Steel Bearing Plates on Walls
1'-0" wide x 1'-6" x ¾"
FOR GYM. & LOCKER RM. Beams
⅝" Iron Ties
Box Girder
2-20" 65# I beams
(2 plate 6"-½" x ⅜")
Plaster Jambs rounded as shown in detail below
2"x4"
½" bolts
3'-0" oc.
FURR
Wood Casing
2-15" 80# I beams
Seperators
Square
Rounded plaster Jambs
2"x14" 12" oc
Bearing Plates
1'-4" x 1'-4" x 1" steel
1'-4"
18'-0"
1'-4"
steel Plate 16"x16"x1"
DETAIL OF BOX GIRDER IN SPECIAL APPARATUS ROOM
sep
12"
sep
12'-6"
sep
12"
1'-0" x 1'-6" x ¾" Plates steel
1'-0" x 1'-6" x ¾" steel Plates
DETAIL OF BEAM IN DIRECTORS OFFICE

2"x4" TIE
Furring
2"x14" 12" O.C.
Seperators
2-7"-15# I beams
1"x8"x10" steel plates
B seperator
B seperator
Walk plates 1"x8"x10"
8"
7'-6"
8"
8"
7'-6"
8"
1'-8"x1'0" steel Plate
DETAIL OF STEEL BEAMS IN FAN ROOM

1'-8"
⅝" Iron Ties
2"x14" 12" oc.
2"x4"
½" Bolts
2'-0" oc.
Seperators
¾" Bolts
2-15" 60# I beams
Bearing Plates steel 1'6"x1'6"x ⅜"
Furr
Wood Boxing
Soffit of Beam
8'-0"
1'-0"
Chair Rail
2'-0"
13'-6"
Rounded Corners
Square
DETAIL OF BEAMS & OPENINGS IN GIRLS REST ROOM

PARAPET COPING
Ridge of Roofs on Right & left Wings of Building
CENTER LINE
Stone Work Corbeled out
2-5" 9.75# T-beams
2-3"x3"x⅜" L's
DETAIL OF BRACKETS TO SUPPORT PARAPET WALL AT RIGHT & LEFT WINGS OF BUILDING FOUR LIKE THIS

PLANS OF AUDITORIUM-GYMNASIUM
FOR THE UNIVERSITY OF KANSAS . . .
AT LAWRENCE . . . . SCALE ¾"=ONE FOOT
JOHN F. STANTON STATE ARCHITECT . . .



PLANS OF AUDITORIUM-GYMNASIUM FOR THE UNIVERSITY OF KANSAS AT LAWRENCE · · · SCALE 3/4" & 3" = ONE FOOT
JOHN F. STANTON STATE ARCHITECT

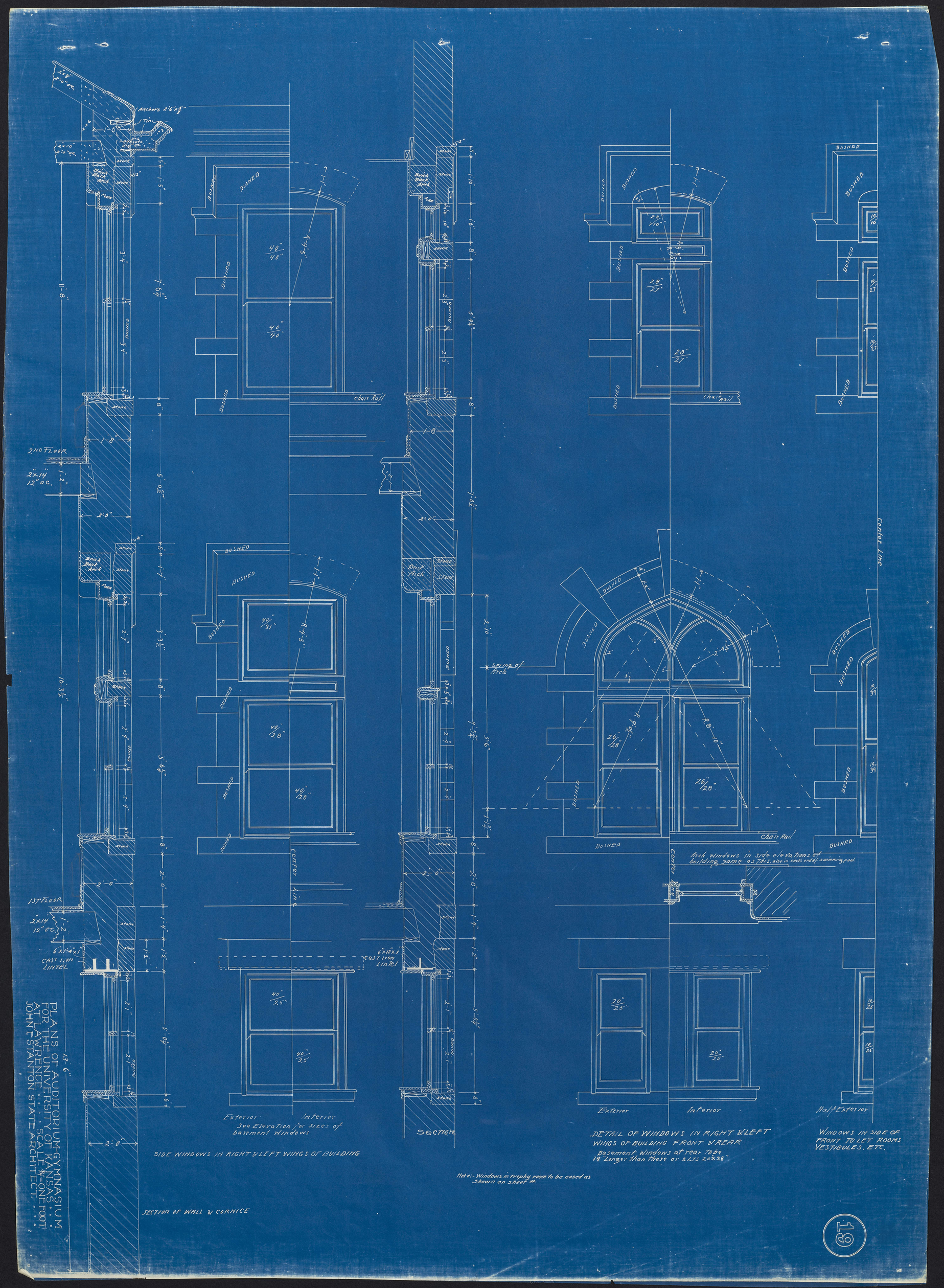
PLAN A-A

ELEVATION

PLAN BB

STAIR AND RAIL DETAIL.

OUTSIDE STAIRWAY
FOR
REAR OF GYMNASIUM.
UNIVERSITY OF KANSAS
LAWRENCE KANSAS
CHESTER M. ROUTLEDGE - STATE ARCHITECT.
1935



Anchors 2'6"x5/8"
Tin
Brick Back Arch
Stone
Furr
2ND FLOOR
2"x14" 12" O.C.
1ST FLOOR
2"x14" 12" O.C.
6"x1'4"x1" CAST IRON LINTEL
BUSHED
Chair Rail
Center Line
Spring of Arch
Exterior
Interior
See Elevation for sizes of basement Windows
Section
Half Exterior
Arch Windows in side elevations of building same as this, also in south end of swimming pool.
SIDE WINDOWS IN RIGHT & LEFT WINGS OF BUILDING
DETAIL OF WINDOWS IN RIGHT & LEFT WINGS OF BUILDING FRONT & REAR
Basement Windows at rear to be 14" Longer than these or 2 Lts 20"x36"
WINDOWS IN SIDE OF FRONT TO LET ROOMS VESTIBULES, ETC.
Note:- Windows in trophy room to be cased as shown on sheet #
SECTION OF WALL & CORNICE
PLANS OF AUDITORIUM-GYMNASIUM FOR THE UNIVERSITY OF KANSAS AT LAWRENCE SCALE 3/4"=ONE FOOT
JOHN F. STANTON STATE ARCHITECT
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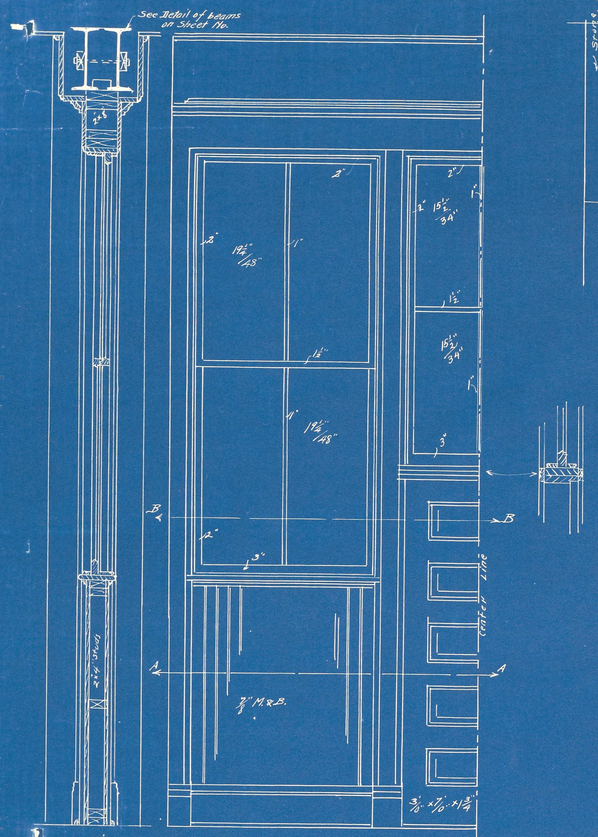
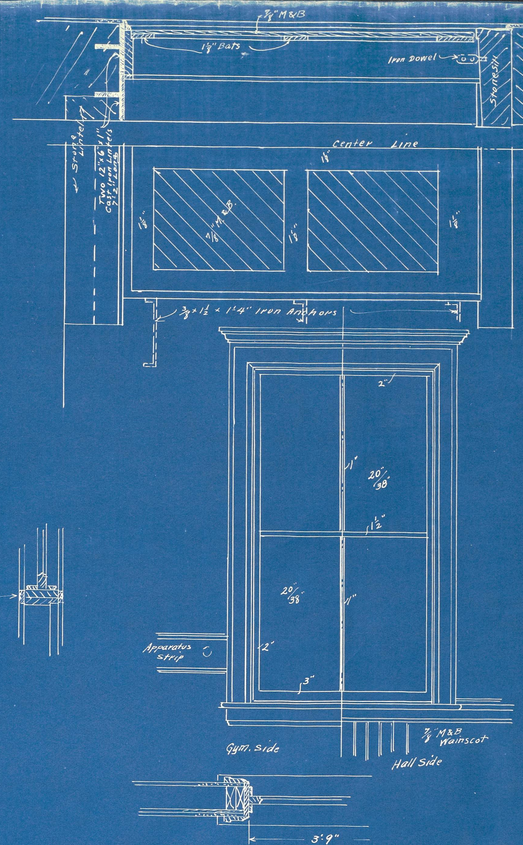
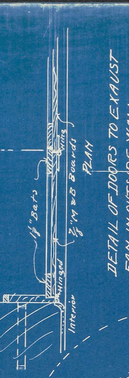
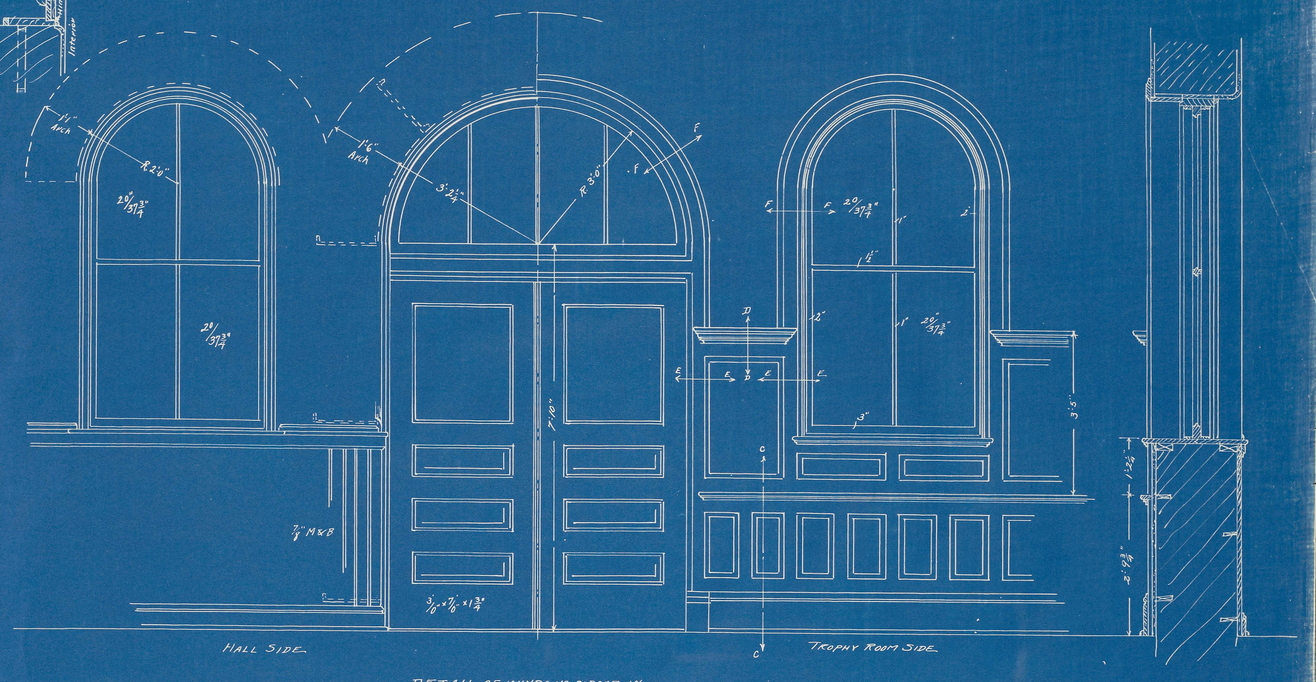


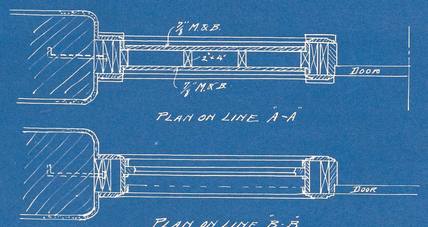


DETAIL OF WINDOWS IN WEST OF MENS GYM AND EAST OF GIRLS GYM. 1ST FLOOR.

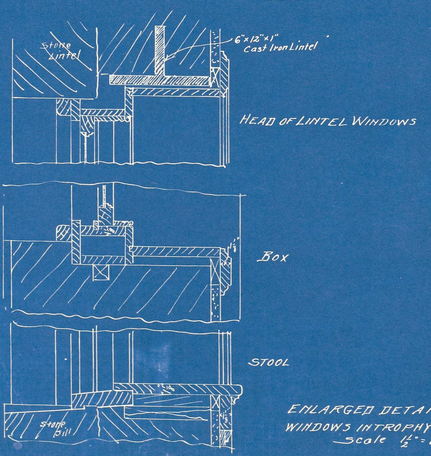




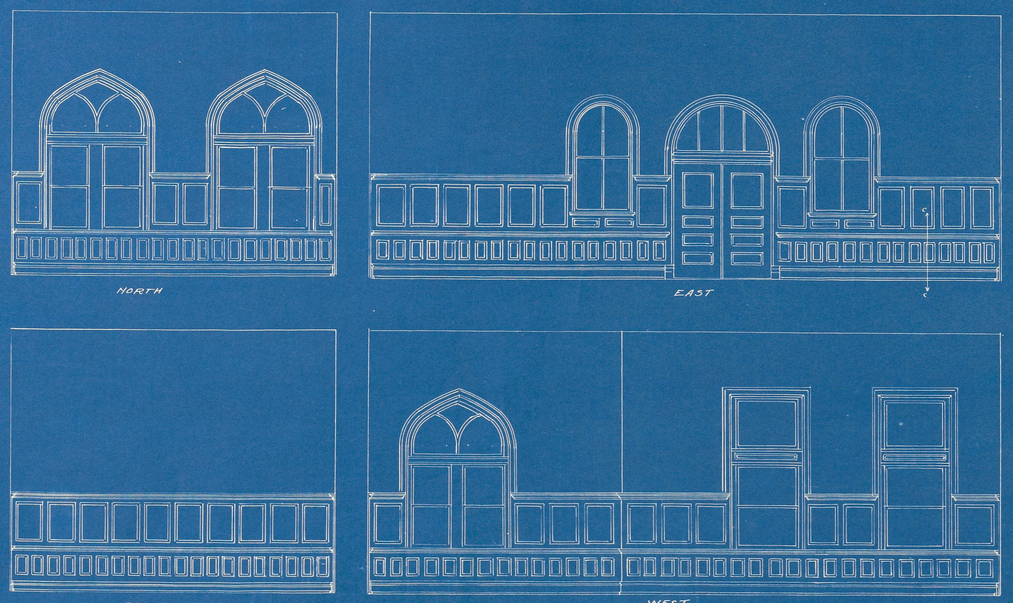
DETAIL OF WINDOWS & DOOR IN HALL & TROPHY ROOM
Scale 3/4"=1'0"



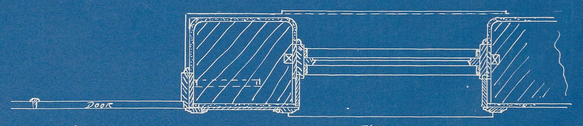
DETAIL OF PARTITION WINDOWS AND DOOR IN DIRECTORS OFFICE.

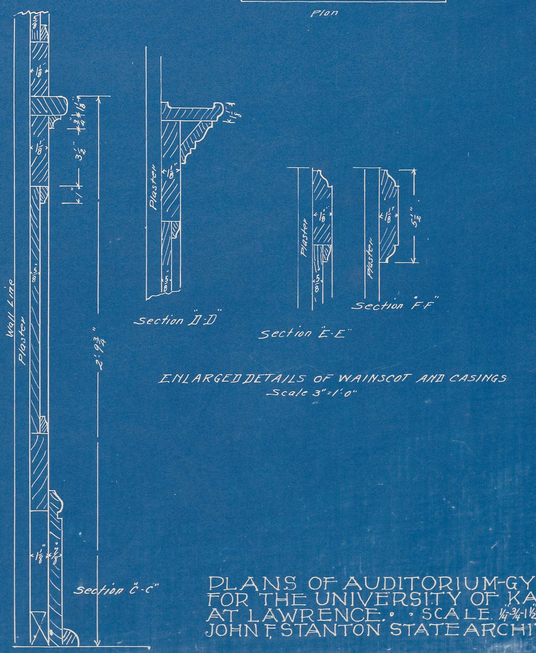


ENLARGED DETAILS OF OUTSIDE WINDOWS IN TROPHY ROOM
Scale 1½"=1'0"



ELEVATIONS OF TROPHY ROOM WALLS
Scale ¾"=1'0"





ENLARGED DETAILS OF WAINSCOT AND CASINGS
Scale 3"=1'0"

PLANS OF AUDITORIUM-GYMNASIUM FOR THE UNIVERSITY OF KANSAS AT LAWRENCE. SCALE ⅛"=1'0" = ONE FOOT.
JOHN F. STANTON STATE ARCHITECT.

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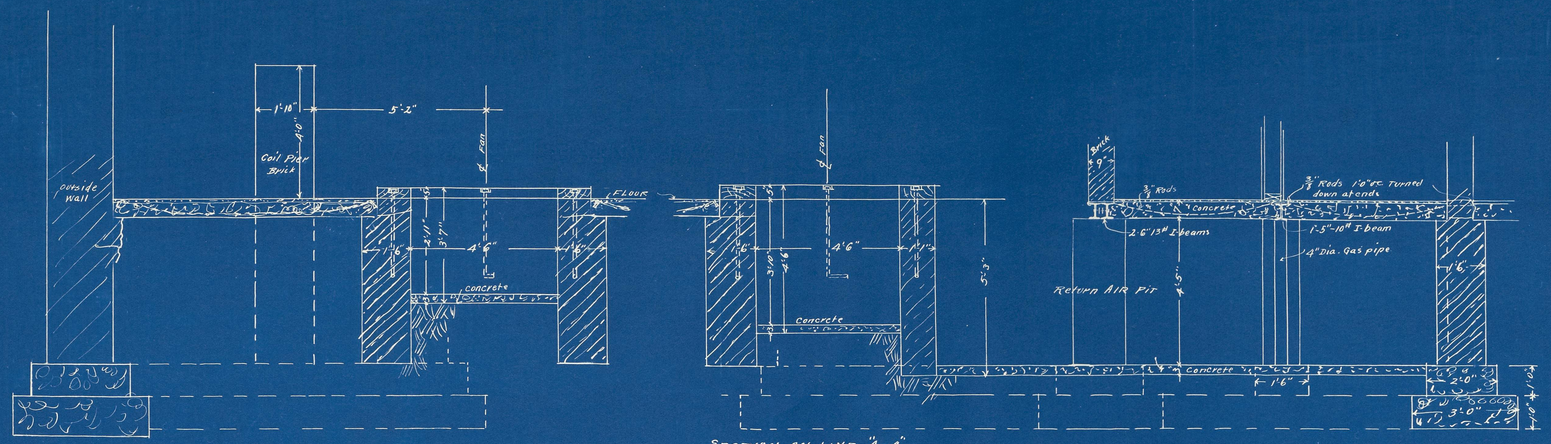
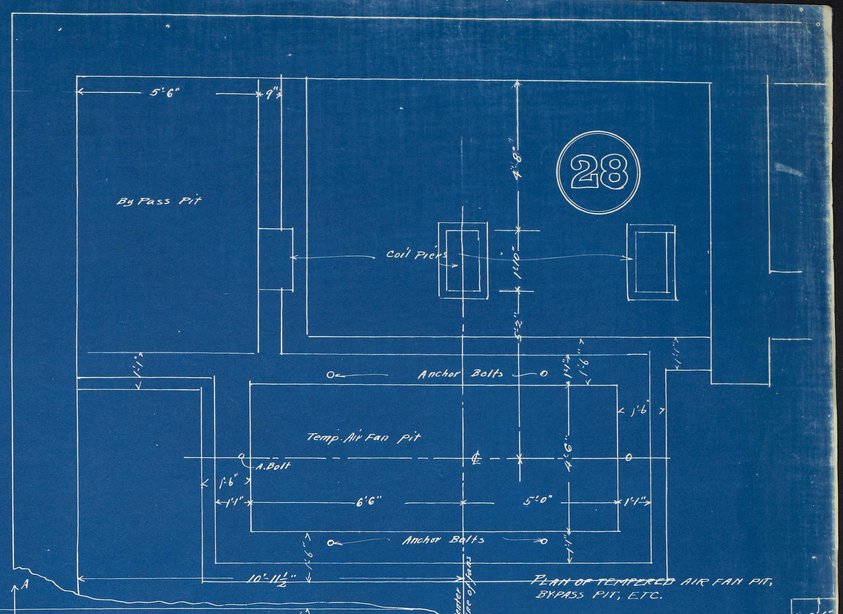
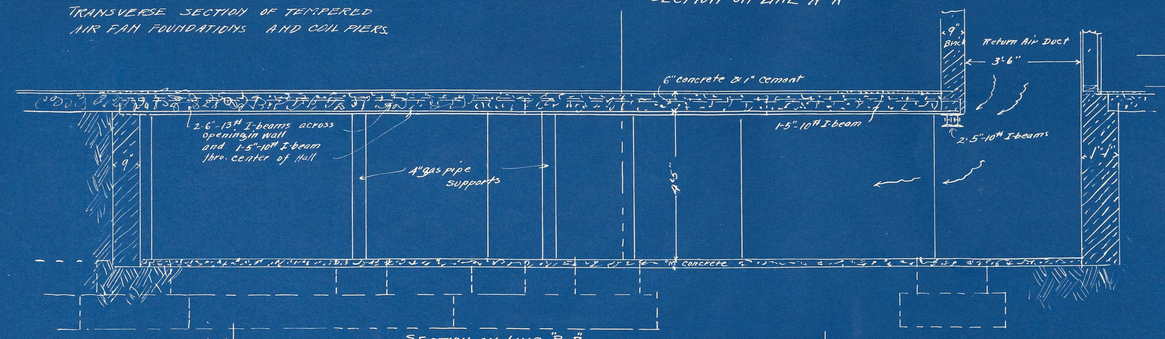


TRANSVERSE SECTION OF TEMPERED AIR FAN FOUNDATIONS AND COIL PIERS.

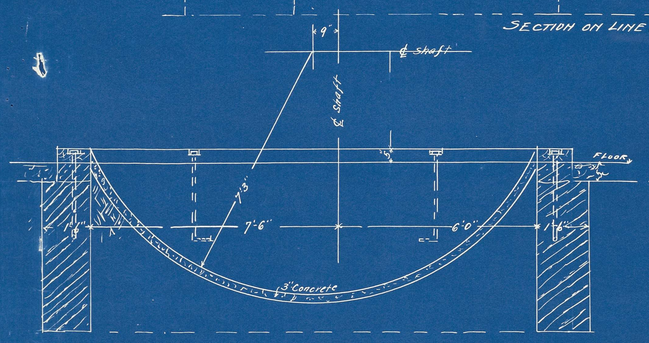
SECTION ON LINE A-A



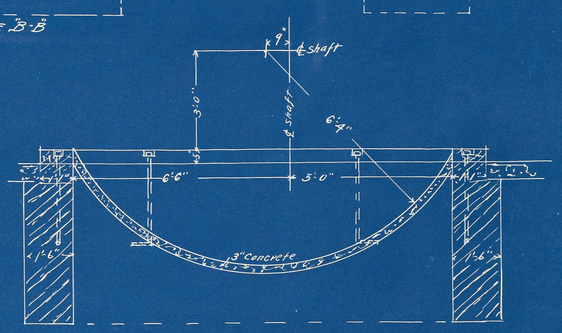
PLAN OF TEMPERED AIR FAN PIT, BYPASS PIT, ETC.



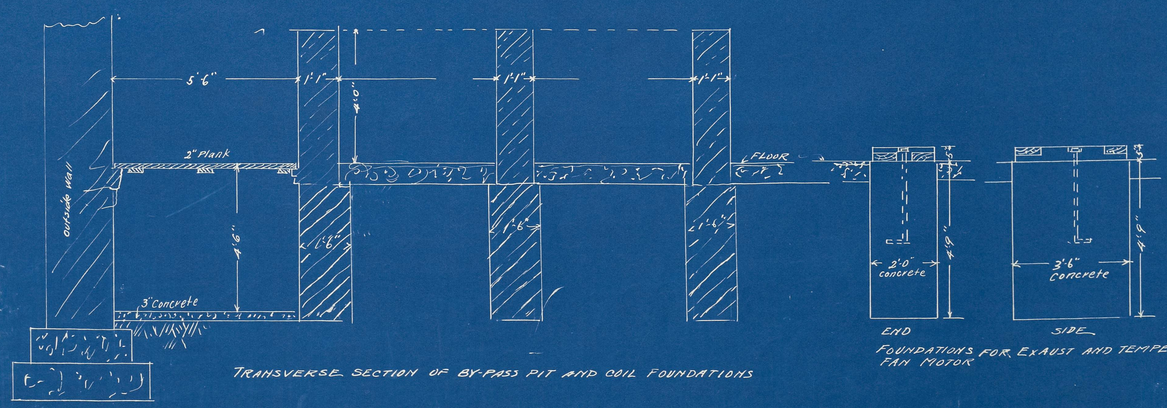
SECTION ON LINE B-B



LONGITUDINAL SECTION OF EXAUST FAN FOUNDATIONS

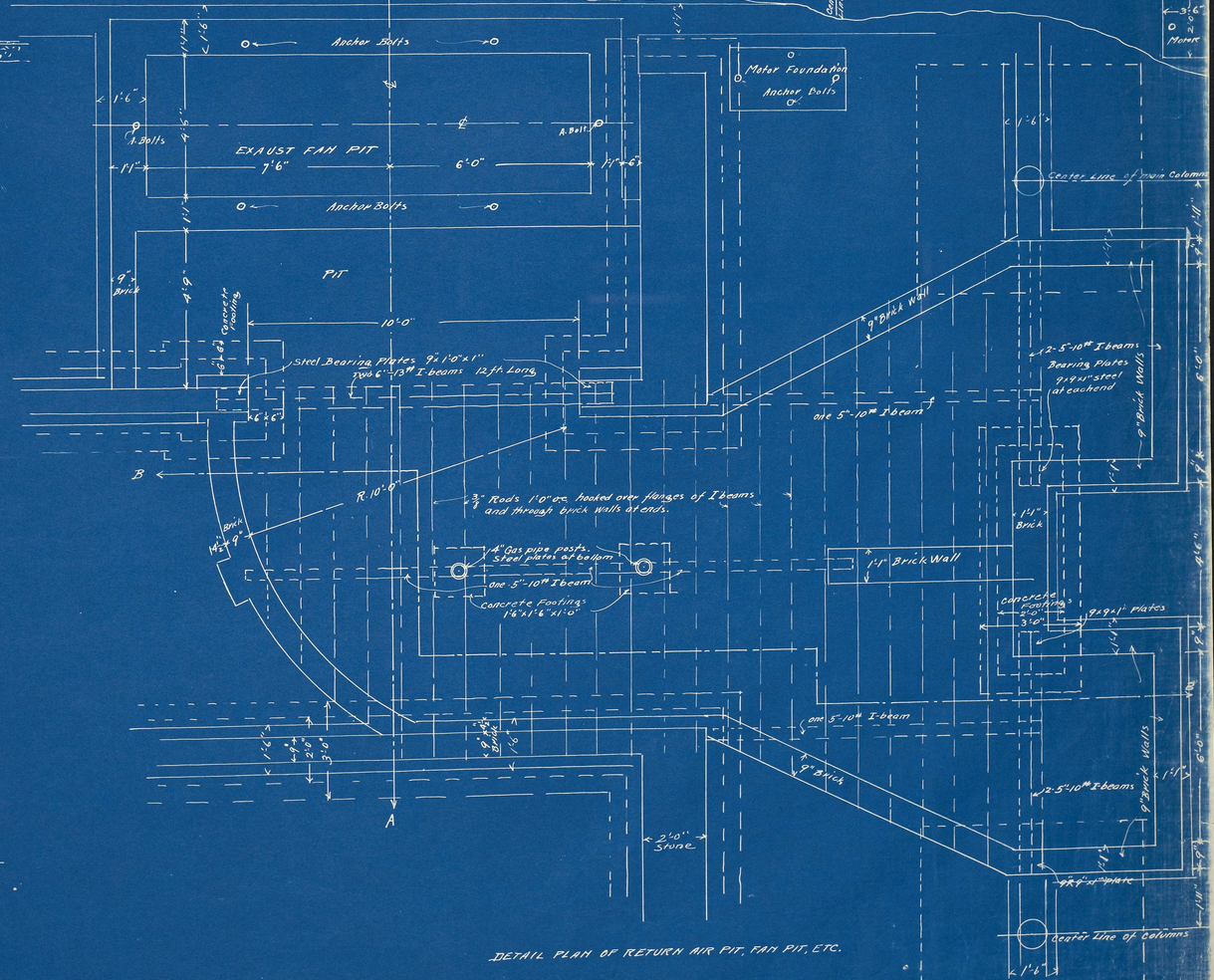


LONGITUDINAL SECTION OF TEMP. AIR FAN FOUNDATIONS



TRANSVERSE SECTION OF BY-PASS PIT AND COIL FOUNDATIONS

FOUNDATIONS FOR EXAUST AND TEMPERED AIR FAN MOTOR



DETAIL PLAN OF RETURN AIR PIT, FAN PIT, ETC.

PLANS OF AUDITORIUM-GYMNASIUM
FOR THE UNIVERSITY OF KANSAS . . .
AT LAWRENCE . . . . SCALE ½"=ONE FOOT.
JOHN F. STANTON STATE ARCHITECT. . . .

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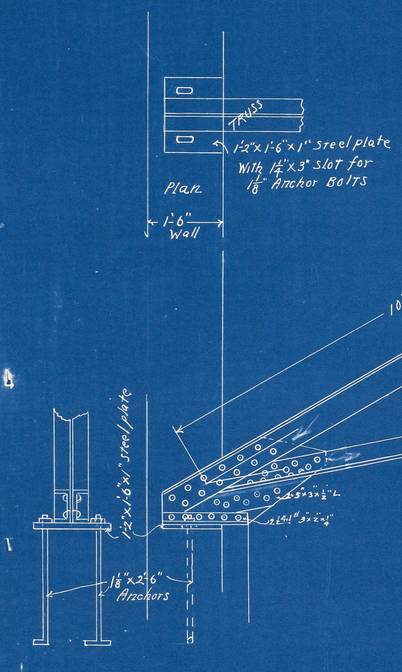

PLANS OF AUDITORIUM-GYMNASIUM
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AT LAWRENCE . . . SCALE ¾"=ONE FOOT
JOHN T. STANTON STATE ARCHITECT. . . .