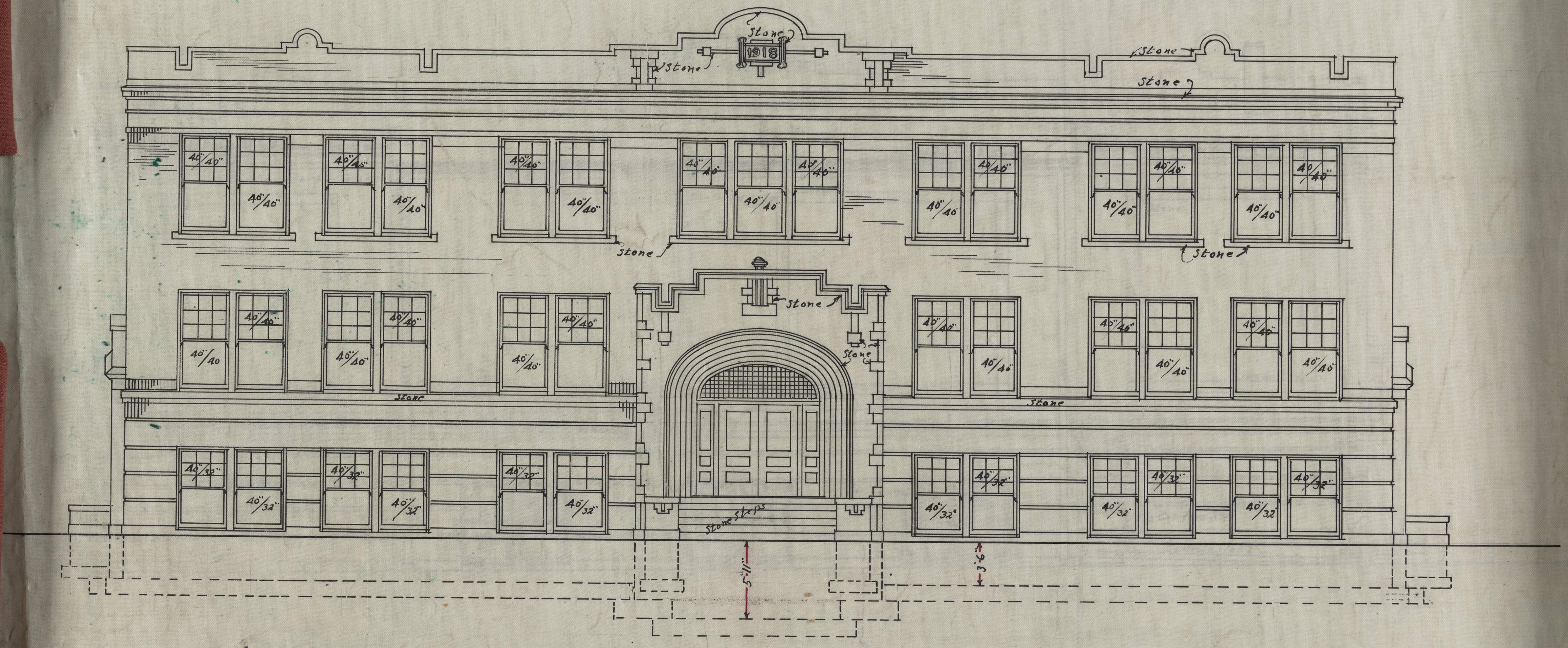
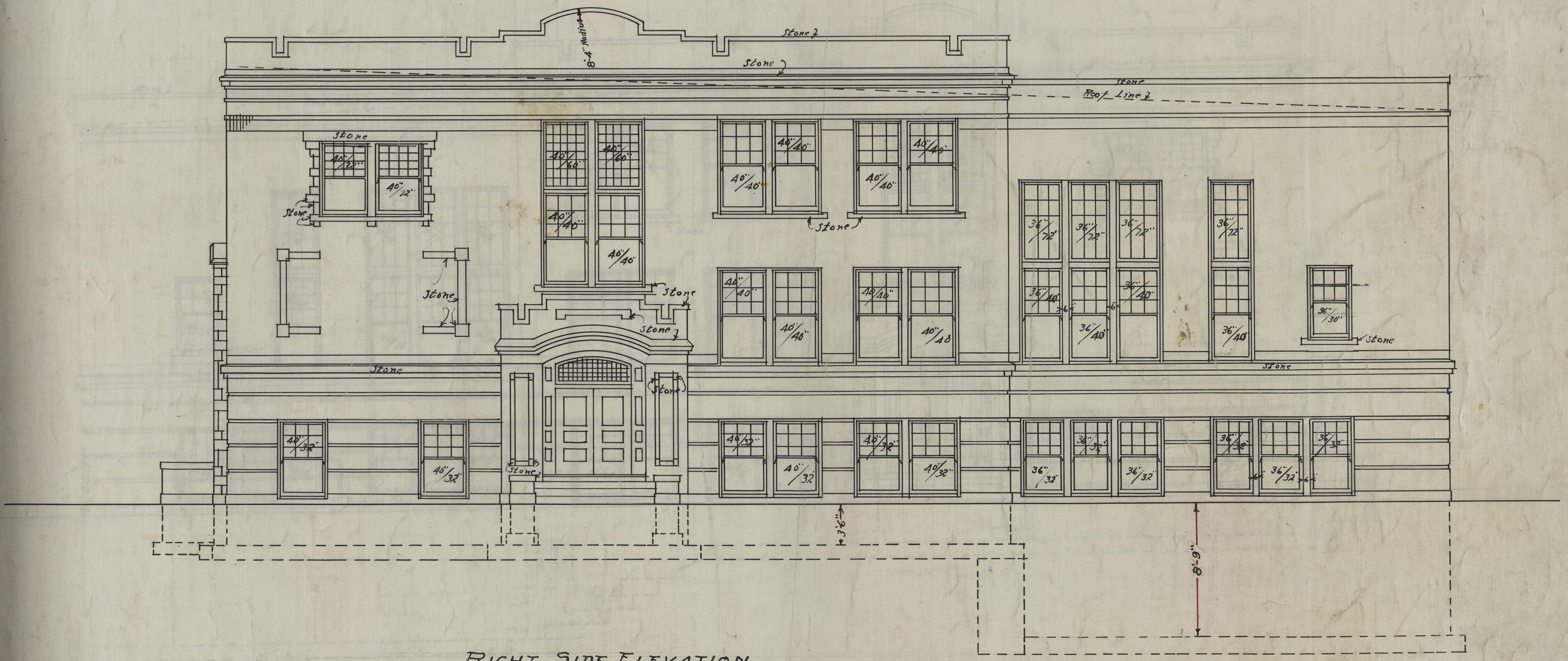
85


Stone
1918
Stone
Stone
Stone
40"/40"
Stone
Stone
Stone
Stone
Stone
40"/32"
Stone steps
5'-11"
3'-6"

FRONT ELEVATION

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

M000936


8'4" Radius
Stone
Stone
Stone
Roof Line
Stone
40"/32"
40"/32"
Stone
40"/60"
40"/60"
40"/40"
40"/40"
40"/40"
40"/40"
40"/40"
40"/40"
Stone
Stone
40"/40"
40"/40"
40"/40"
40"/48
Stone
Stone
Stone
36"/72"
36"/72"
36"/72"
36"/72"
36"/40"
36"/40"
36"/40"
36"/40"
36"/40"
6"
6"
36"/30"
Stone
Stone
Stone
40"/32"
40"/32"
Stone
40"/32"
40"/32"
40"/32"
40"/32"
36"/32"
36"/32"
36"/32"
36"/32"
36"/32"
36"/32"
6"
6"
3'6"
8'-9"

RIGHT SIDE ELEVATION

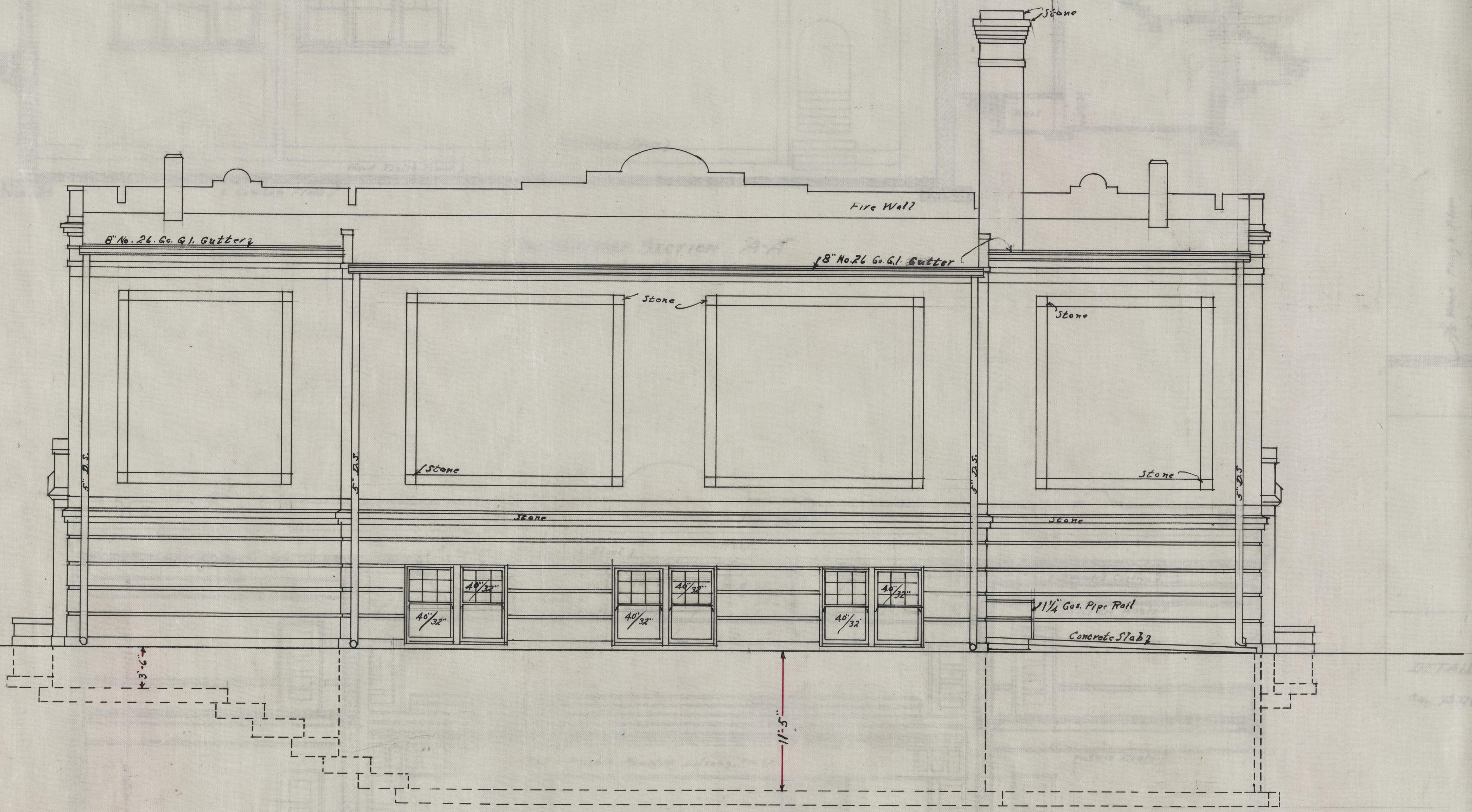
scale; 1/8" = 1'0"

92x

PLANS OF RURAL HIGH SCHOOL BUILDING TO BE ERECTED AT DESOTO, KANSAS.	PLAN No. 307
THOS. W. WILLIAMSON & CO. ARCHITECTS TOPEKA, ... KANSAS.	SHEET 1

323/19

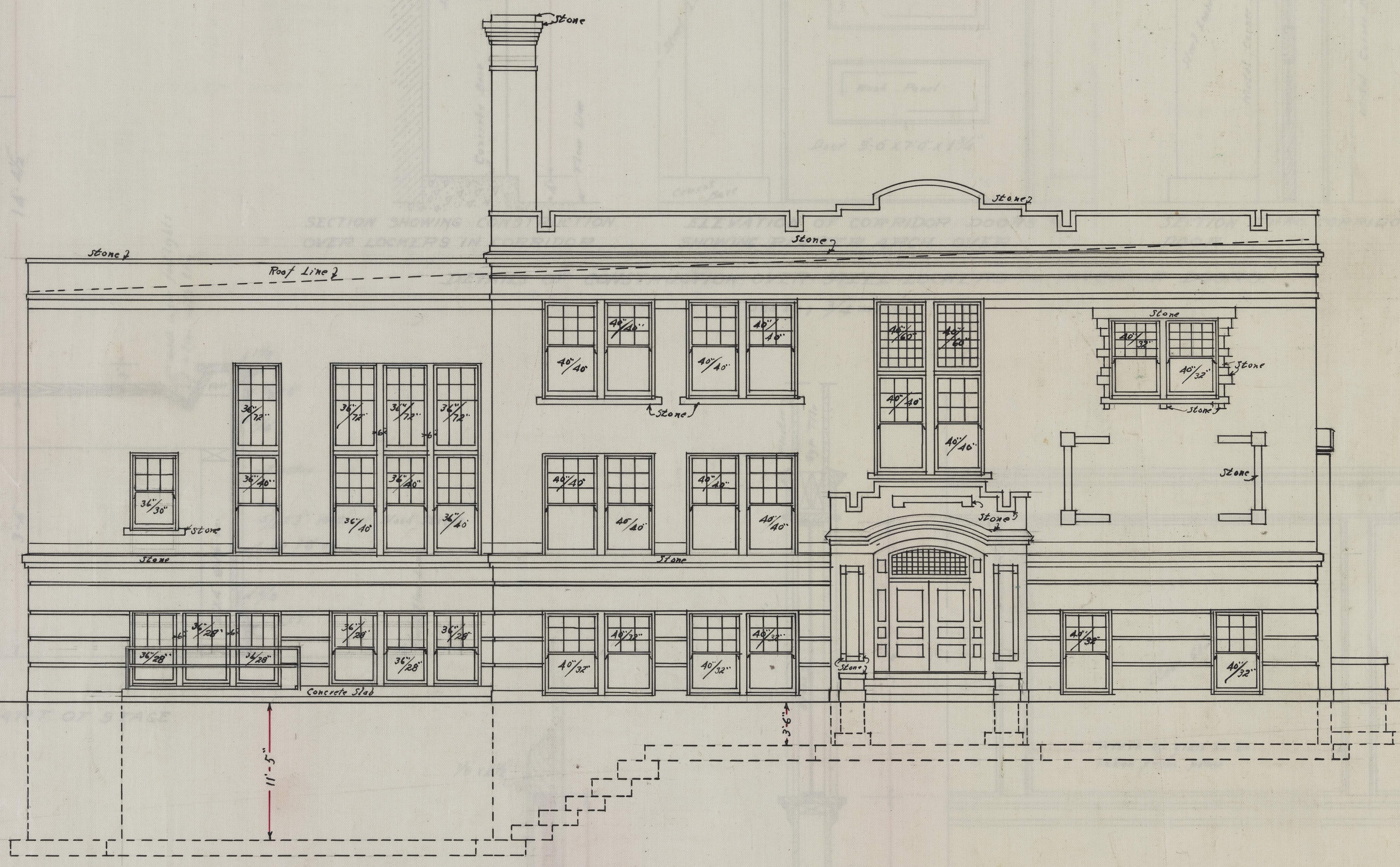
M000936


Stone
Fire Wall
8" No. 26 Ga. G.I. Gutters
8" No. 26 Ga. G.I. Gutter
Stone
Stone
Stone
Stone
5" D.S.
5" D.S.
5" D.S.
5" D.S.
Stone
Stone
40"/32"
40"/32"
40"/32"
40"/32"
40"/32"
40"/32"
1¼" Gas. Pipe Rail
Concrete Slabs
3'-6"
11'-5"

REAR ELEVATION

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

Don Williams
M000936


Stone
Stone
Roof Line
Stone
Stone
36"/72"
36"/40"
36"/30"
Stone
6"
36"/40"
40"/40"
Stone
40"/60"
40"/32"
Stone
Stone
Stone
Stone
Stone
36"/28"
Concrete Slab
40"/32"
Stone
11'-5"
3'-6"

LEFT SIDE ELEVATION

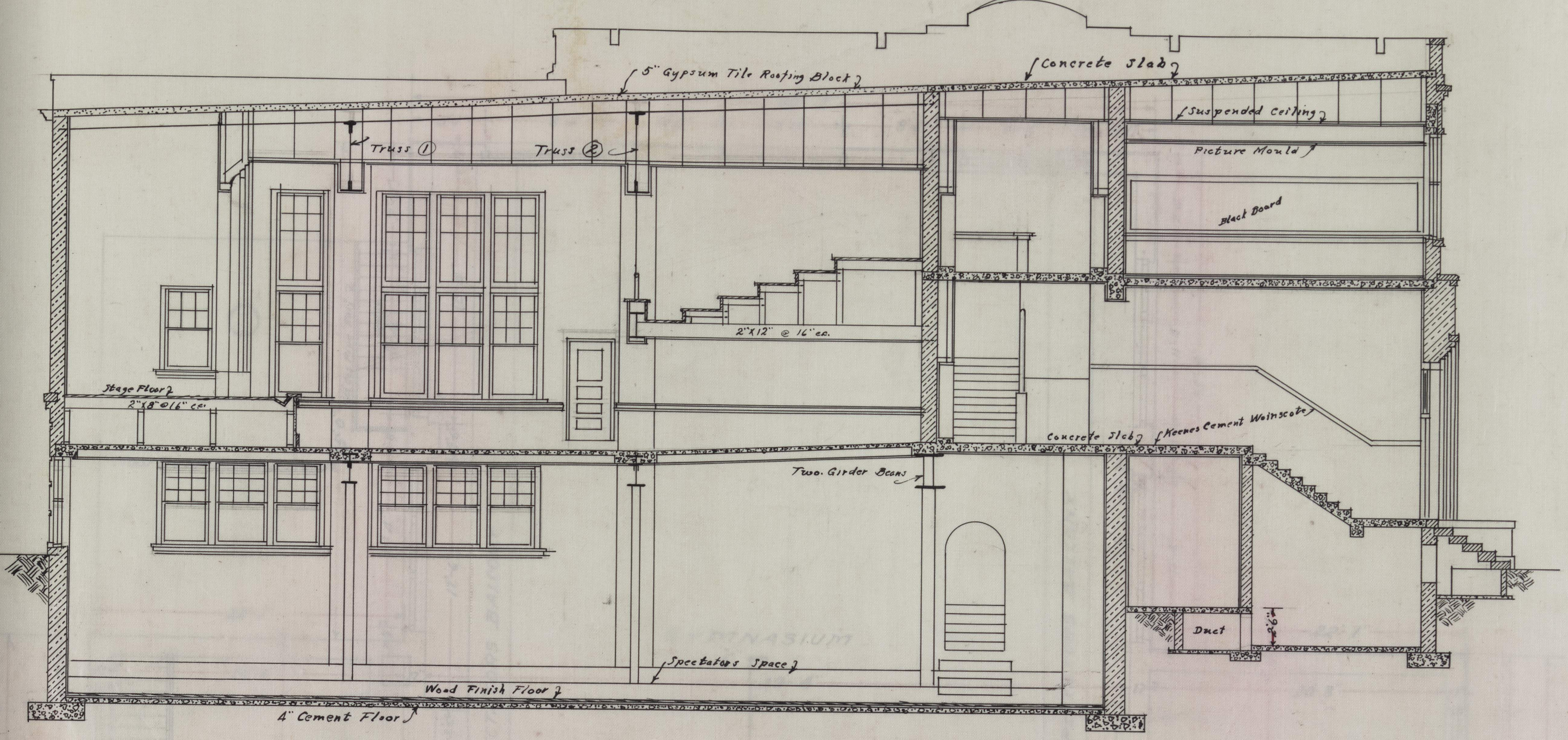
Scale; 1/8" = 1'-0"

PLANS OF RURAL HIGH SCHOOL
BUILDING TO BE ERECTED AT
DE SOTO, KANSAS.

THOS. W. WILLIAMSON & CO.
ARCHITECTS
TOPEKA, ... KANSAS.

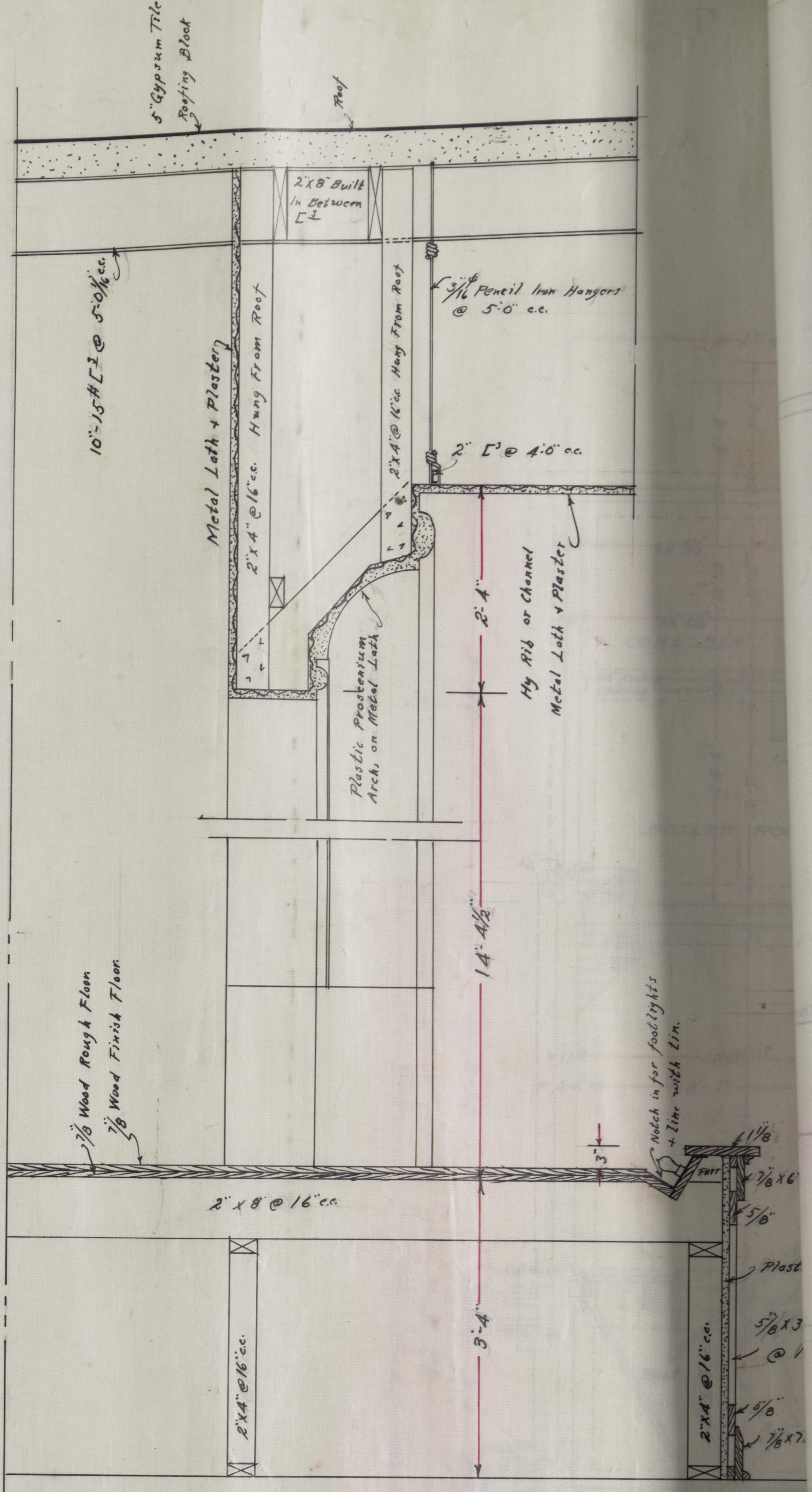
PLAN
No
307

SHEET
2


5" Gypsum Tile Roofing Block
Concrete Slab
Suspended Ceiling
Picture Mould
Black Board
Truss ①
Truss ②
2"x12" @ 16" cc.
Stage Floor
2"x8" @ 16" cc.
Concrete Slab
Keenes Cement Wainscote
Two Girder Beams
Duct
2'-6"
Spectators Space
Wood Finish Floor
4" Cement Floor

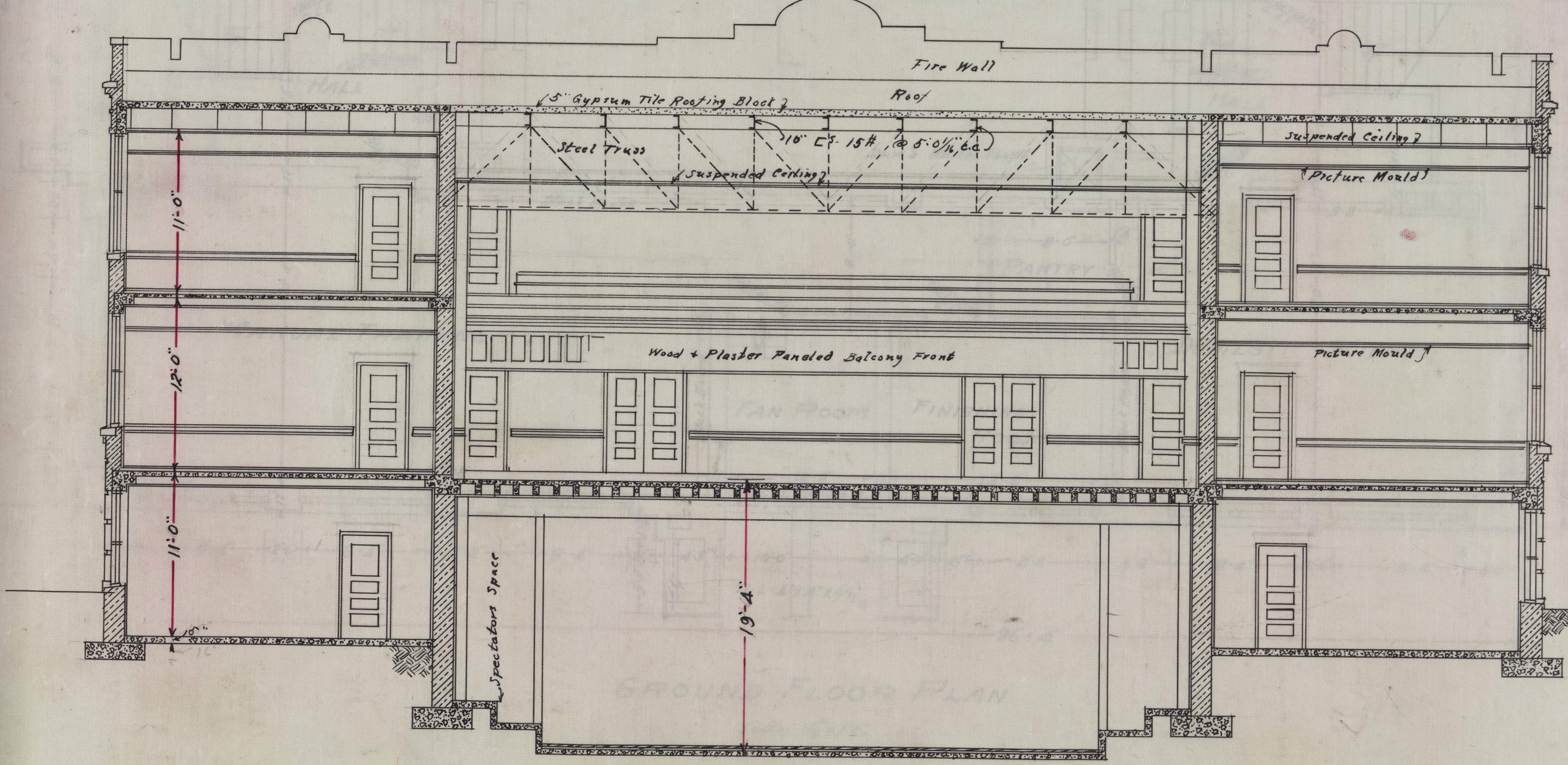
TRANSVERSE SECTION "A-A"

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


5" Gypsum Tile Roofing Block
Roof
2"x8" Built In Between [s
10"-15# [s @ 5'-0 1/16" c.c.
Metal Lath + Plaster
2"x4" @ 16" c.c. Hung From Roof
2"x4" @ 16" c.c. Hung From Roof
3/16" Pencil Iron Hangers @ 5'-0" c.c.
2" [s @ 4'-0" c.c.
Plastic Proscenium Arch, on Metal Lath
Hy Rib or Channel Metal Lath + Plaster
2'-4"
14'-4 1/2"
7/8 Wood Rough Floor
7/8 Wood Finish Floor
Notch in for footlights + line with tin.
3"
1 1/8
7/8 x 6
5/8"
Plast
5/8 x 3
@
5/8"
7/8 x 7
2" x 8" @ 16" c.c.
3'-4"
2"x4" @ 16" c.c.
2"x4" @ 16" c.c.

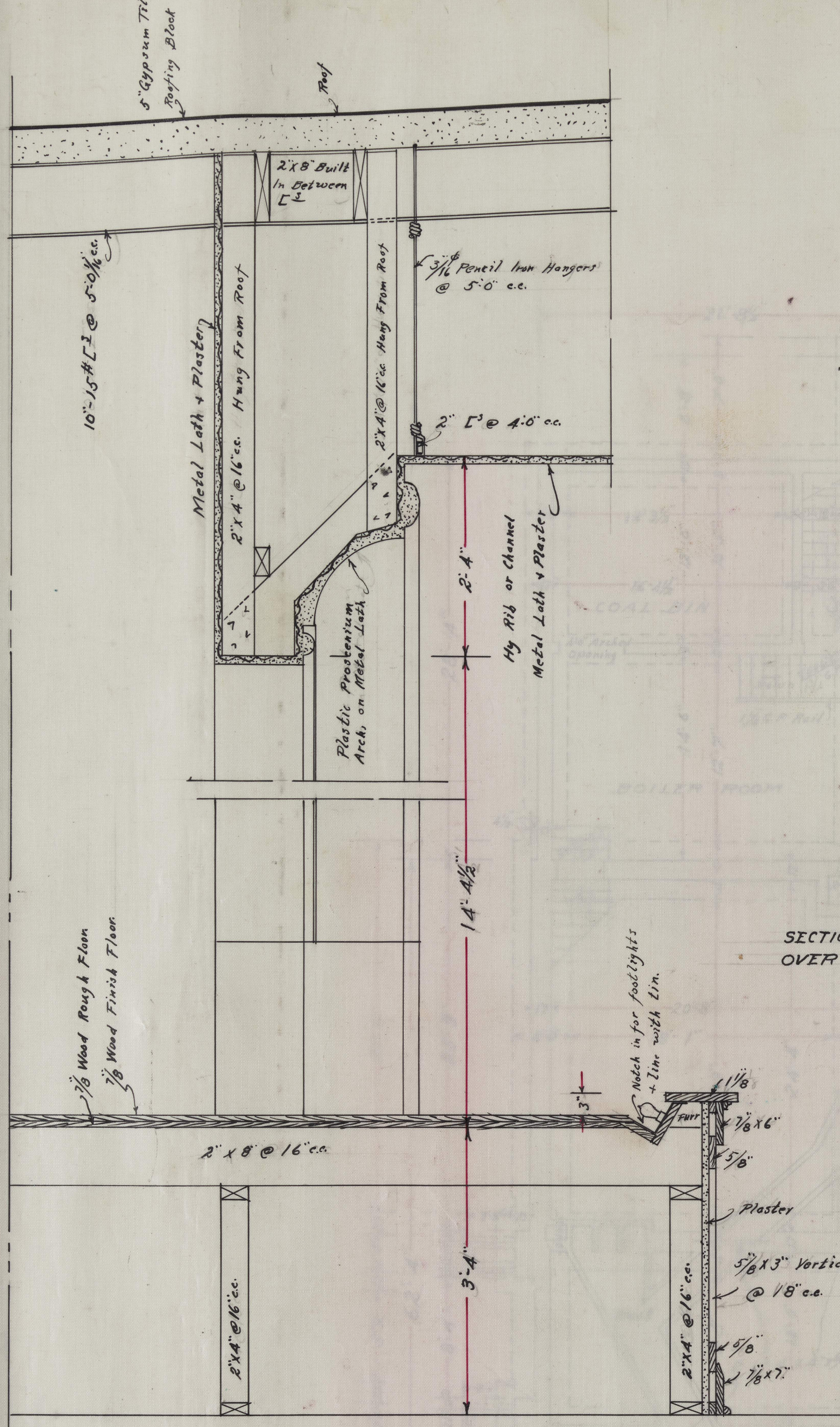
DETAILED SECTION THRO. FRONT PART OF STAGE AND PROSCENIUM ARCH.

Scale; 3/4" = 1'-0"


Fire Wall
Roof
5" Gypsum Tile Roofing Block
10" [s 15# @ 5'-0 1/16" c.c.
Steel Truss
Suspended Ceiling
Suspended Ceiling
Picture Mould
Wood + Plaster Paneled Balcony Front
Picture Mould
11'-0"
12'-0"
11'-0"
10"
Spectators Space
19'-4"

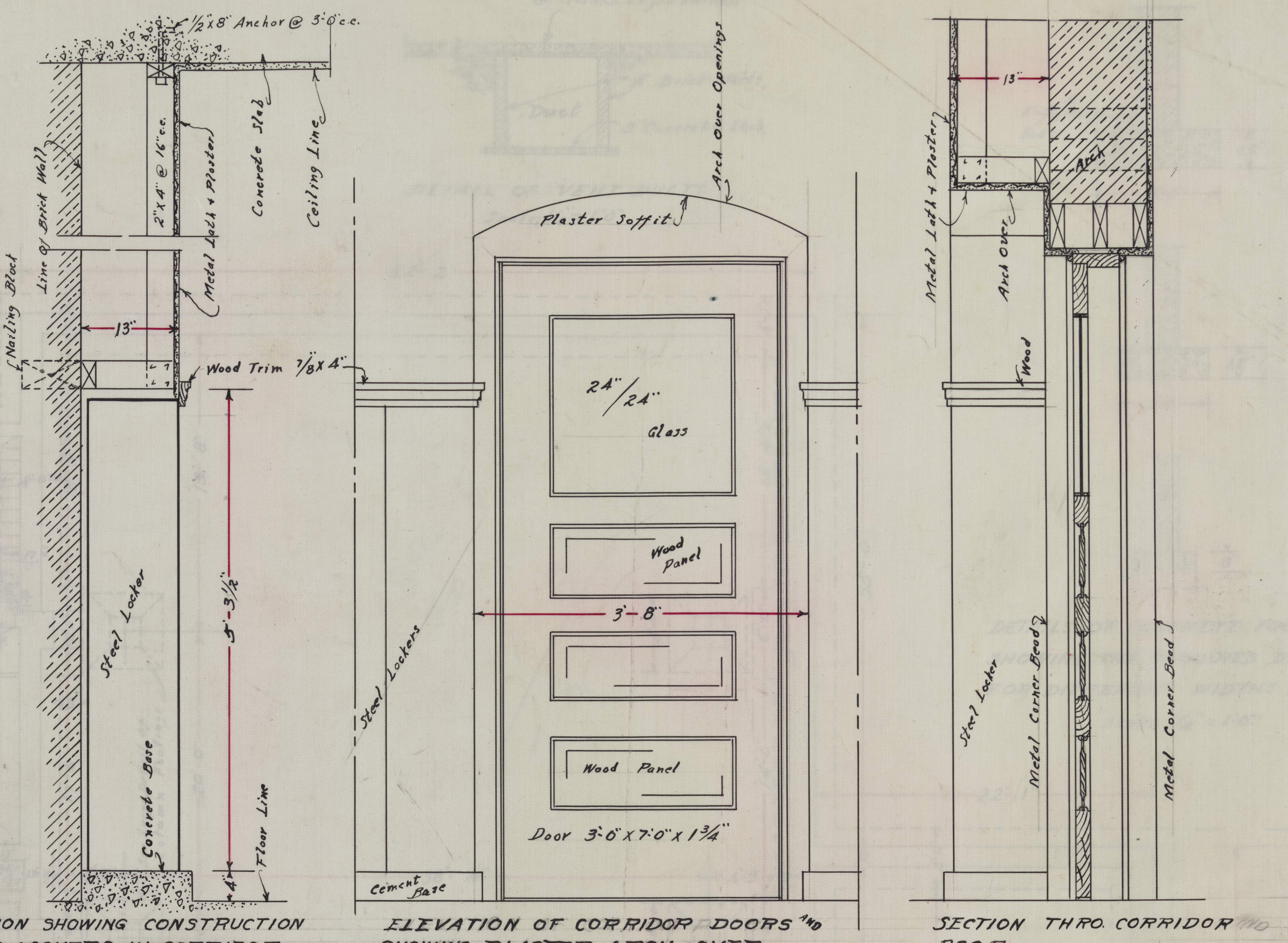
LONGITUDINAL SECTION "B-B"

Scale; 1/8" = 1'-0"


5" Gypsum Tile Roofing Block
Roof
2"X8" Built In Between [s
10"-15# [s @ 5'-0 1/16" c.c.
Metal Lath + Plaster
2"X4" @ 16" c.c. Hung From Roof
2"X4" @ 16" c.c. Hung From Roof
3/16" ϕ Pencil Iron Hangers @ 5'-0" c.c.
2" [s @ 4'-0" c.c.
Plastic Proscenium Arch, on Metal Lath
2'-4"
Hy Rib or Channel Metal Lath + Plaster
14'-4 1/2"
7/8" Wood Rough Floor
7/8" Wood Finish Floor
Notch in for footlights + Line with tin.
3"
1 1/8"
Furr
7/8"X6"
5/8"
2"X8" @ 16" c.c.
Plaster
3'-4"
5/8"X3" Vertical Wood Strips @ 18" c.c.
2"X4" @ 16" c.c.
2"X4" @ 16" c.c.
5/8"
7/8"X7"
Finish Floor Line

DETAILED SECTION THRO. FRONT PART OF STAGE AND PROSCENIUM ARCH.

Scale; 3/4"=1'-0".


1/2"x8" Anchor @ 3'-0" c.c.
Line of Brick Wall
Nailing Block
2"X4" @ 16" c.c.
Metal Lath + Plaster
Concrete Slab
Ceiling Line
13"
Wood Trim 7/8"X4"
Steel Locker
5'-3 1/2"
Concrete Base
Floor Line
4"
Arch Over Openings
Plaster Soffit
24"/24" Glass
Wood Panel
3'-8"
Wood Panel
Door 3'-6"X7'-0"X1 3/4"
Steel Lockers
Cement Base
13"
Metal Lath + Plaster
Arch Over
Arch
Wood
Steel Locker
Metal Corner Bead
Metal Corner Bead

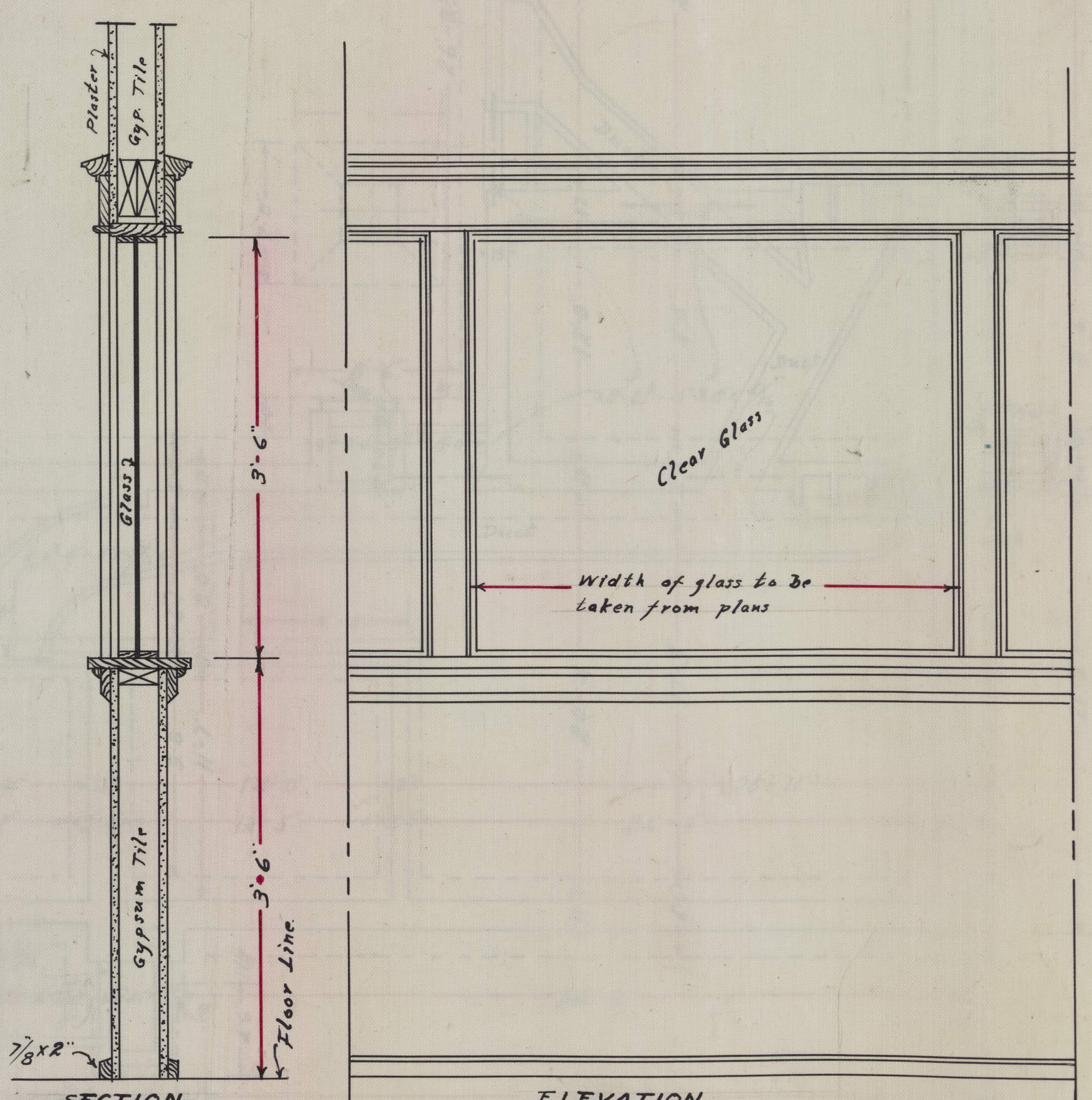
SECTION SHOWING CONSTRUCTION OVER LOCKERS IN CORRIDOR

ELEVATION OF CORRIDOR DOORS AND SHOWING PLASTER ARCH OVER.

SECTION THRO. CORRIDOR DOOR

DETAILS OF CONSTRUCTION OVER STEEL LOCKERS AND INTERIOR DOORS.

Scale; 3/4"=1'-0".

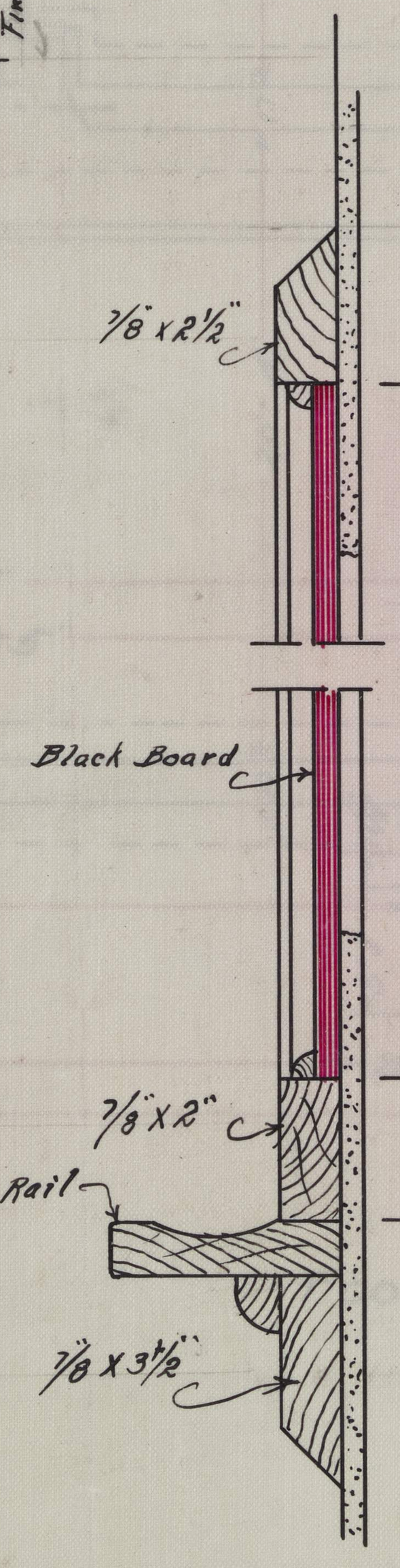

Plaster
Gyp. Tile
Glass
3'-6"
3'-6"
Gypsum Tile
7/8"x2"
Floor Line
Clear Glass
Width of glass to be taken from plans

SECTION

ELEVATION

TYPICAL DETAIL OF ALL GLASS PARTITION

Scale; 3/4"=1'-0".


7/8"x2 1/2"
Black Board
3'-6"
7/8"x2"
2"
Chalk Rail
7/8"x3 1/2"

BLACK BOARD DETAIL

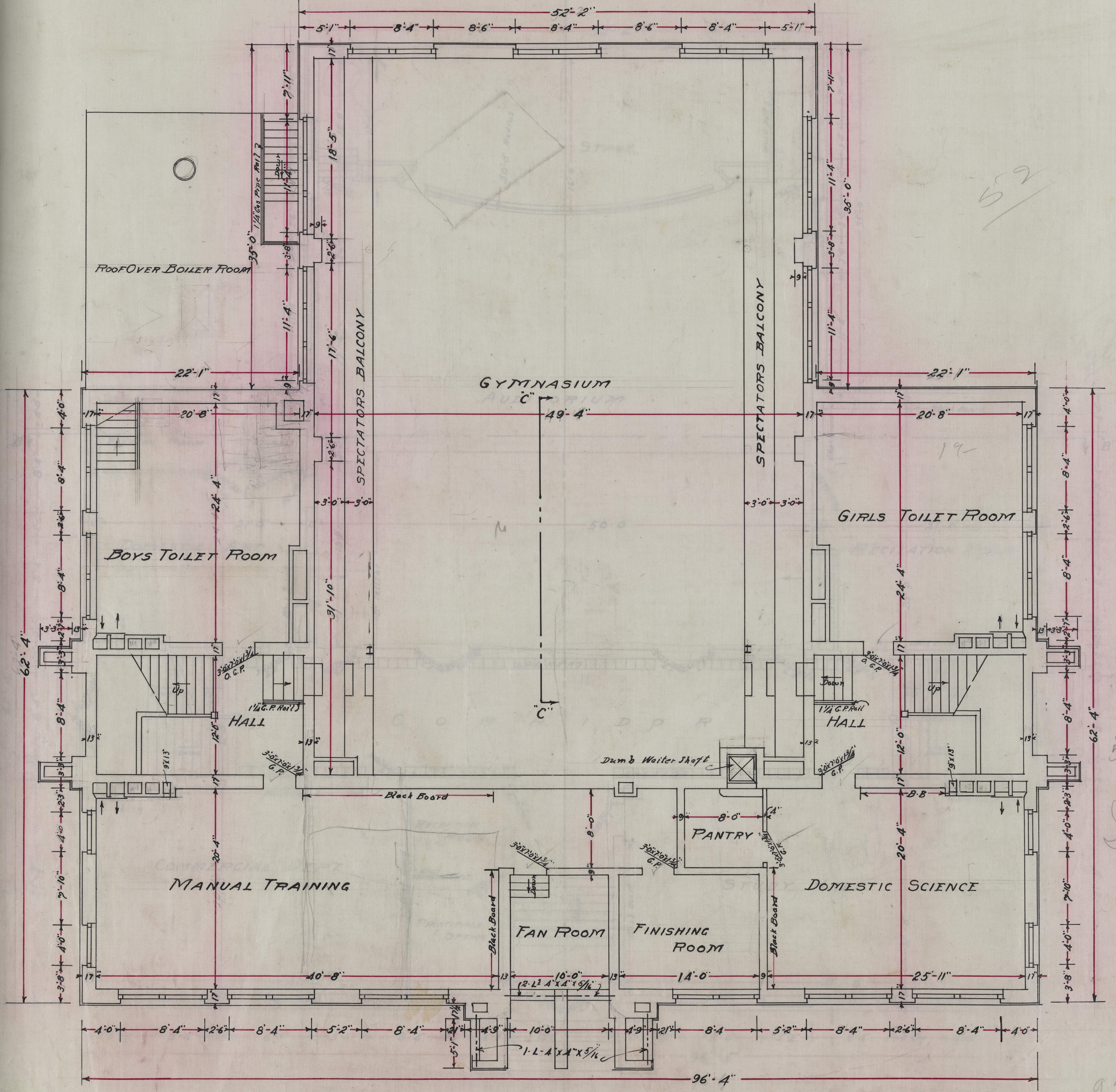
Scale: 3"=1'-0".

PLANS OF RURAL HIGH
BUILDING TO BE ERECTED
AT DESOTO, KANSAS.

THOS. W. WILLIAMSON & CO.
ARCHITECTS
TOPEKA, ...KANSAS.

PLAN NO. 307

SHEET 3


52'-2"
5'-1" 8'-4" 8'-6" 8'-4" 8'-6" 8'-4" 5'-1"
Roof Over Boiler Room
1 1/4 Gas Pipe Rail
Down
18'-5"
35'-0"
11'-4"
3'-8"
7'-11"
SPECTATORS BALCONY
SPECTATORS BALCONY
GYMNASIUM
"C"
"C"
49'-4"
22'-1"
22'-1"
20'-8"
20'-8"
24'-4"
31'-10"
3'-0" 3'-0"
BOYS TOILET ROOM
GIRLS TOILET ROOM
62'-4"
62'-4"
HALL
HALL
Up
Down
1 1/4 G.P. Rail
12'-0"
Dumb Waiter Shaft
Black Board
B.B.
PANTRY
8'-0"
MANUAL TRAINING
FAN ROOM
FINISHING ROOM
DOMESTIC SCIENCE
Black Board
Black Board
20'-4"
40'-8"
10'-0"
14'-0"
25'-11"
2-L 4" x 4" x 9/16"
1-L-4" x 4" x 9/16"
4'-0" 8'-4" 2'-6" 8'-4" 5'-2" 8'-4" 4'-9" 10'-0" 4'-9" 8'-4" 5'-2" 8'-4" 2'-6" 8'-4" 4'-0"
96'-4"

GROUND FLOOR PLAN

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

4-5-00

59

19

58-4

South

94-4

92-4

92

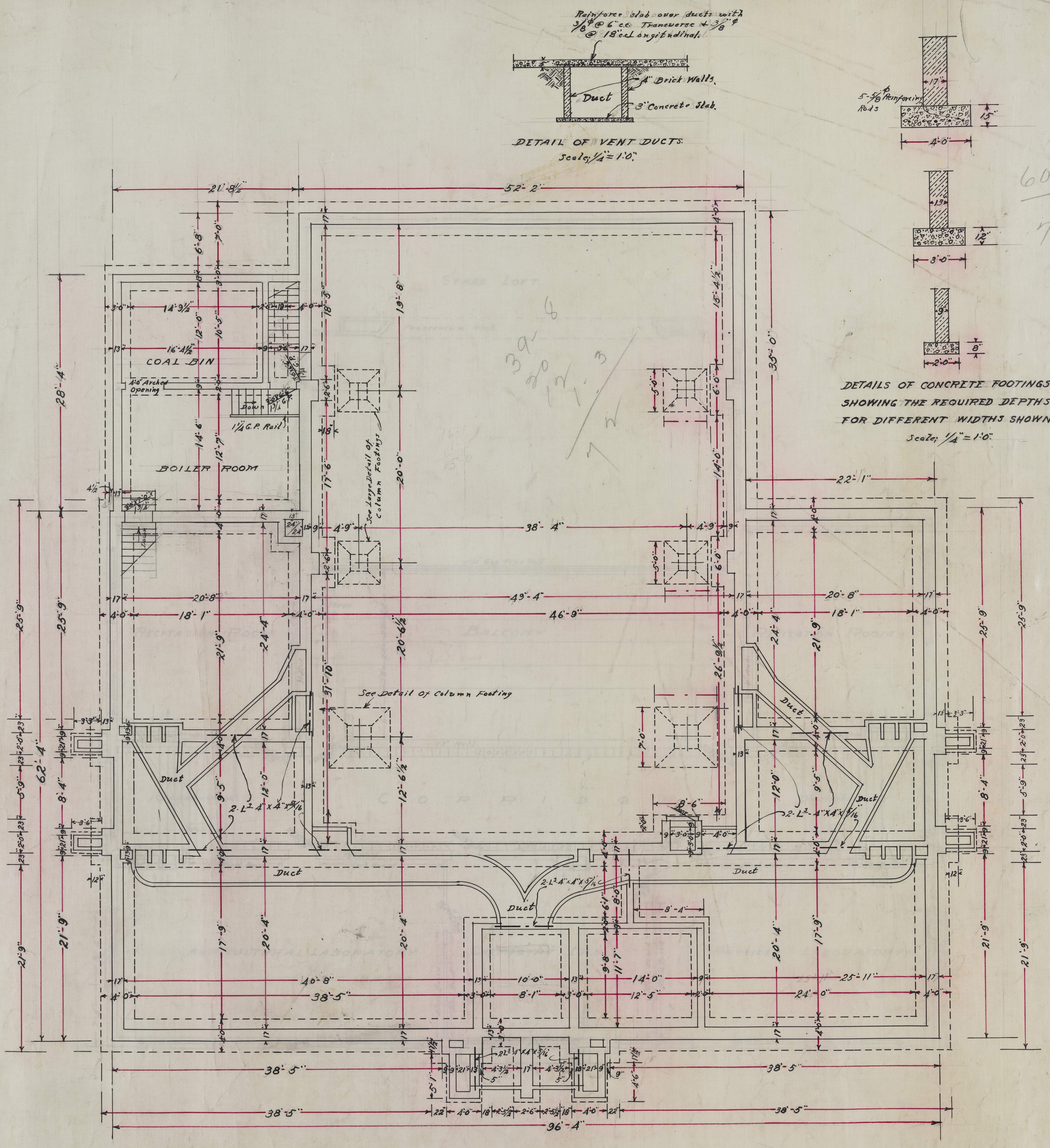
91-6

East

62-4
35
97-4

58-4
41-2

Don Williams
M000936


Reinforce slab over ducts with 3/8"φ @ 6" c.c. Transverse + 3/8"φ @ 18" c.c. Longitudinal.
5"
4" Brick Walls.
Duct
3" Concrete Slab.

DETAIL OF VENT DUCTS.
Scale; 1/4" = 1'-0".

17"
5-5/8"φ Reinforcing Rods
15"
4'-0"
13"
12"
3'-0"
9"
8"
2'-0"

DETAILS OF CONCRETE FOOTINGS
SHOWING THE REQUIRED DEPTHS
FOR DIFFERENT WIDTHS SHOWN.
Scale; 1/4" = 1'-0".

60X96

71880

21'-8½"
52'-2"
COAL BIN
4'-6" Arched Opening
BOILER ROOM
1¼" G.P. Rail
See Large Detail of Column Footings
See Detail of Column Footing
38'-4"
49'-4"
46'-9"
22'-1"
Duct
2-L 4"x4"x5/16"
38'-5"
96'-4"

FOOTING AND FOUNDATION PLAN
Scale; 1/8" = 1'-0".

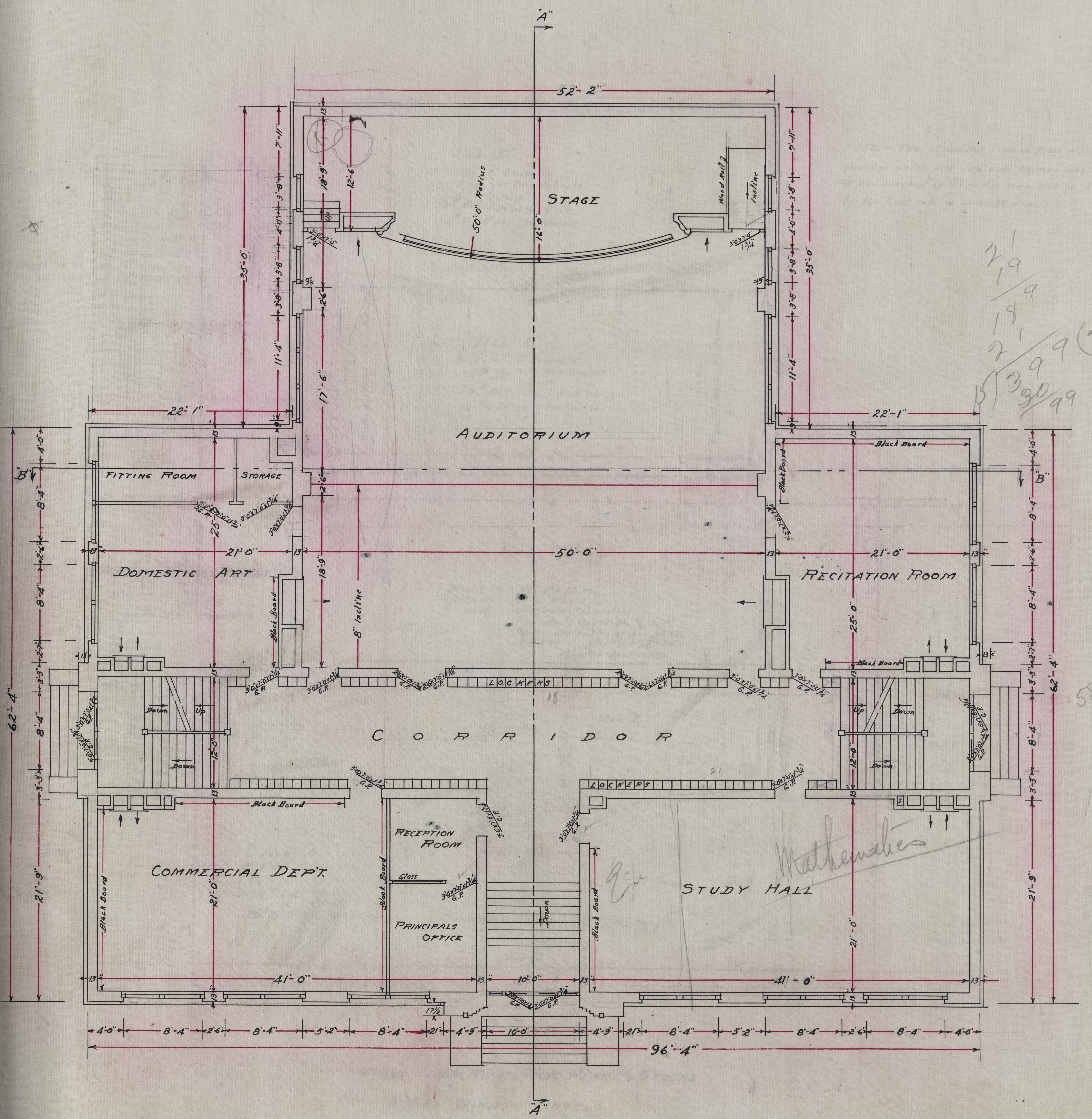
PLANS OF RURAL HIGH
SCHOOL BUILDING TO BE
ERECTED AT DE SOTO, KANS.

THOS. W. WILLIAMSON & CO.
ARCHITECTS
TOPEKA, ... KANSAS.

PLAN No. 307

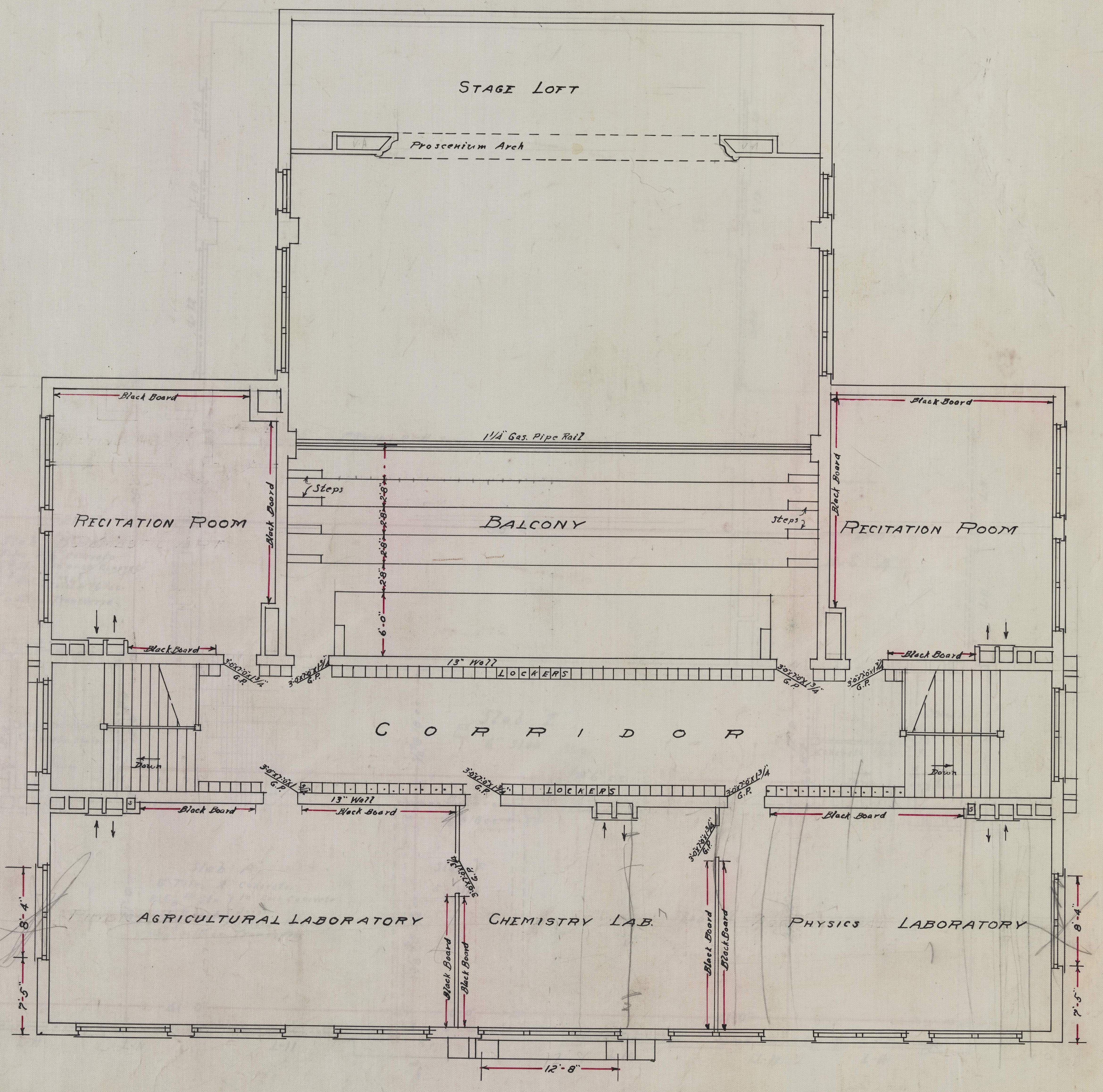
SHEET 4

M000936


"A"
52'-2"
STAGE
50'-0" Radius
16'-0"
18'-9"
12'-6"
Up
Wood Rail
Incline
3'-0"x7'-0" 1 3/4"
7'-11"
3'-8"
4'-0"
35'-0"
11'-4"
9"
2'-6"
17'-6"
22'-1"
AUDITORIUM
"B"
FITTING ROOM
STORAGE
Black Board
DOMESTIC ART
21'-0"
50'-0"
13"
18'-9"
25'-0"
8" Incline
RECITATION ROOM
8'-4"
4'-0"
2'-6"
2'-7"
3'-3"
62'-4"
LOCKERS
3'-0"x7'-0"x1 3/4" G.P.
2'-6"x7'-0"x1 3/4" G.P.
CORRIDOR
Down
Up
12'-0"
RECEPTION ROOM
Glass
PRINCIPALS OFFICE
COMMERCIAL DEPT.
STUDY HALL
21'-9"
21'-0"
41'-0"
10'-0"
4'-9"
5'-2"
17 1/2"
96'-4"
Mathematics
58-4
18
21
43
2' 1'9 18'9 2' 3'9 30 99 (24 15

FIRST FLOOR PLAN

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


Stage Loft
Proscenium Arch
1 1/4" Gas Pipe Rail
Steps
Balcony
Steps
Recitation Room
Black Board
Recitation Room
Black Board
6'-0"
2'8"
2'8"
2'8"
2'8"
13" Wall
Lockers
3'0"x7'0"x1 3/4 G.P.
Corridor
Down
Down
Lockers
13" Wall
Black Board
Agricultural Laboratory
Chemistry Lab.
Physics Laboratory
8'-4"
7'-5"
8'-4"
7'-5"
12'-8"

Second Floor Plan

Scale 1/8" = 1'0"

PLANS OF RURAL HIGH
SCHOOL BUILDING TO BE
ERECTED AT DE SOTO KANS.

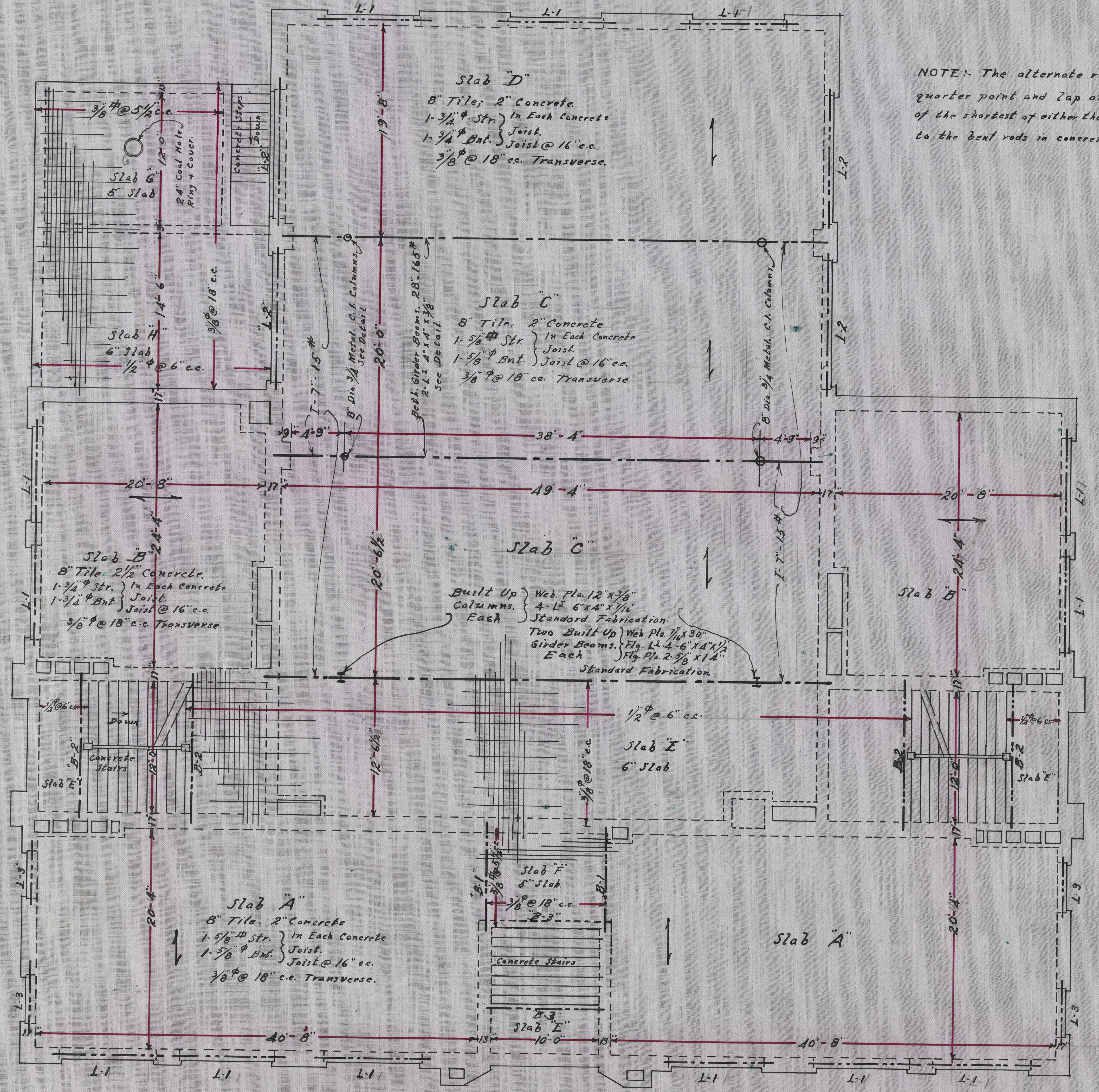
PLAN
No.
307

THOS. W. WILLIAMSON & CO.
ARCHITECTS
TOPEKA,........................KANSAS.

SHEET
5

2
4
6

NOTE:- The alternate rods in floor + roof slab shall bend up at quarter point and lap over bearing into adjacent slab 1/4 the length of the shortest of either the main slab or adjacent slab. This applies to the bent rods in concrete Joist.



L-1
L-1
L-1
Slab "D"
8" Tile; 2" Concrete.
1-3/4"φ Str. } In Each Concrete Joist.
1-3/4"φ Bnt. } Joist @ 16" c.c.
3/8"φ @ 18" c.c. Transverse.
19'-8"
L-2
3/8"φ @ 5 1/2" c.c.
24" Coal Hole, Ring + Cover.
12'-0"
Concrete Steps Down
Slab "G"
5" Slab
Slab "H"
6" Slab
1/2"φ @ 6" c.c.
14'-6"
3/8"φ @ 18" c.c.
L-2
Slab "C"
8" Tile. 2" Concrete
1-5/8"φ Str. } In Each Concrete Joist.
1-5/8"φ Bnt. } Joist @ 16" c.c.
3/8"φ @ 18" c.c. Transverse
I-7"-15#
8" Dia. 3/4 Metal. C.I. Columns. See Detail
20'-0"
Beth. Girder Beams, 28"-165# 2-L 4"x4"x3/8" See Detail
8" Dia. 3/4 Metal. C.I. Columns.
9" 4'-9" 38'-4" 4'-9" 9"
20'-8" 17" 49'-4" 17" 20'-8"
L-1
Slab "B"
8" Tile 2 1/2" Concrete.
1-3/4"φ Str. } In Each Concrete Joist.
1-3/4"φ Bnt. } Joist @ 16" c.c.
3/8"φ @ 18" c.c. Transverse
24'-4"
Slab "C"
20'-6 1/2"
I-7"-15#
Built Up Columns. Each } Web. Pla. 12"x3/8" 4-L's 6"x4"x7/16" Standard Fabrication.
Two Built Up Girder Beams. Each } Web Pla. 7/16"x30" Flg. L's 4-6"x4"x1/2 Flg. Pla. 2-5/8"x14" Standard Fabrication.
Slab "B"
24'-4"
L-1
1/2"φ @ 6" c.c.
Down
B-2
Concrete Stairs
12'-0"
Slab "E"
12'-6 1/2"
1/2"φ @ 6" c.c.
Slab "E"
6" Slab
3/8"φ @ 18" c.c.
B-2
12'-0"
Slab "E"
17"
L-3
Slab "A"
8" Tile. 2" Concrete
1-5/8"φ Str. } In Each Concrete Joist.
1-5/8"φ Bnt. } Joist @ 16" c.c.
3/8"φ @ 18" c.c. Transverse.
20'-4"
B-1
3/8"φ @ 5 1/2" c.c.
Slab "F"
5" Slab.
3/8"φ @ 18" c.c.
B-3
Concrete Stairs
B-3
Slab "E"
Slab "A"
20'-4"
L-3
17" 40'-8" 13" 10'-0" 13" 40'-8" 17"
L-1
L-1
L-1
L-1
L-1
L-1

FIRST FLOOR REINFORCING PLAN AND GROUND

STORY WINDOW LINTELS

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

M000936