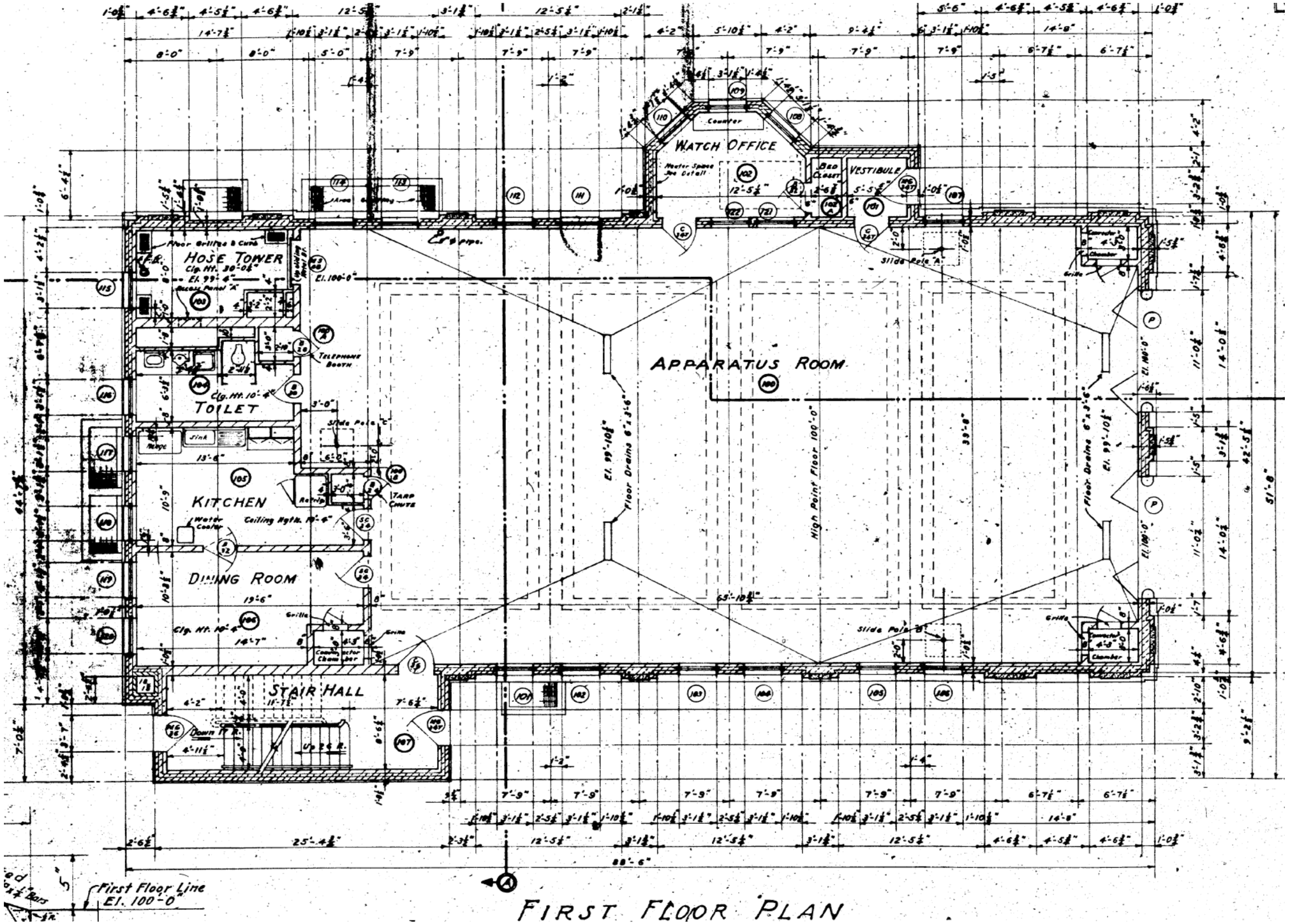


FIRST FLOOR PLAN

k Board

Roof Bm. Spacing

Stone Coping

Scupper

TOILET & WASH ROOM

TOILET

OFFICE

HOSE TOWER

Access Panel "A"

Access Panel "B"

Access Panel "C"

Access Panel "D"

Access Panel "E"

Peg Vent "C" at Ceiling

Slide Pole "A"

SHOWER ROOM

Recess for Drinking Fountain See Detail

CORRIDOR

DORMITORY

Chalk & Cork Boards See Detail

Slide Pole "C"

SCHOOL ROOM

BLANKET

STORAGE

CLO.

Lockers not included in general contract

OFFICE

Slide Pole "B"

Down 26 R.

Ladder

Railing

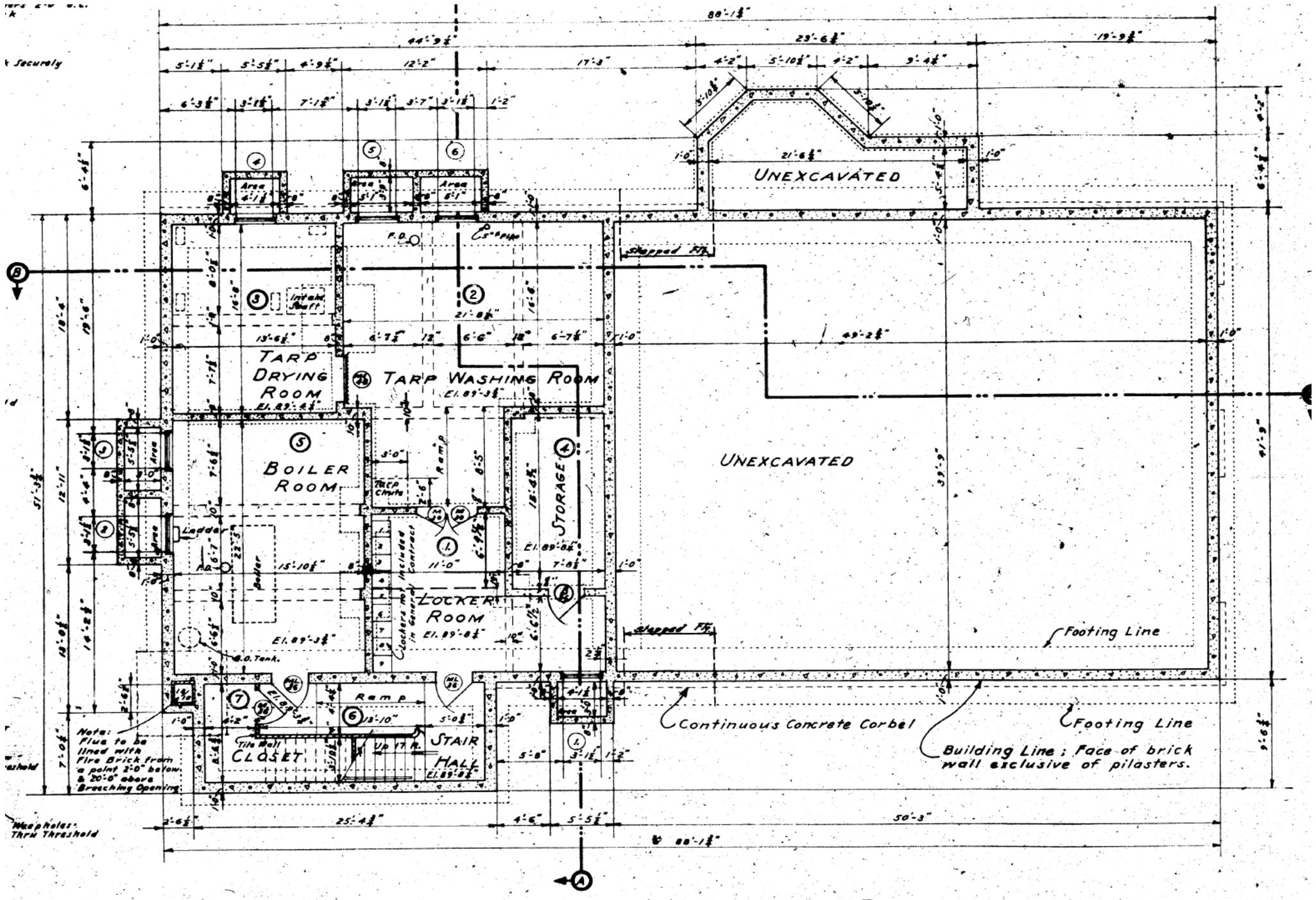
STAIR HALL

Cantilever Platform

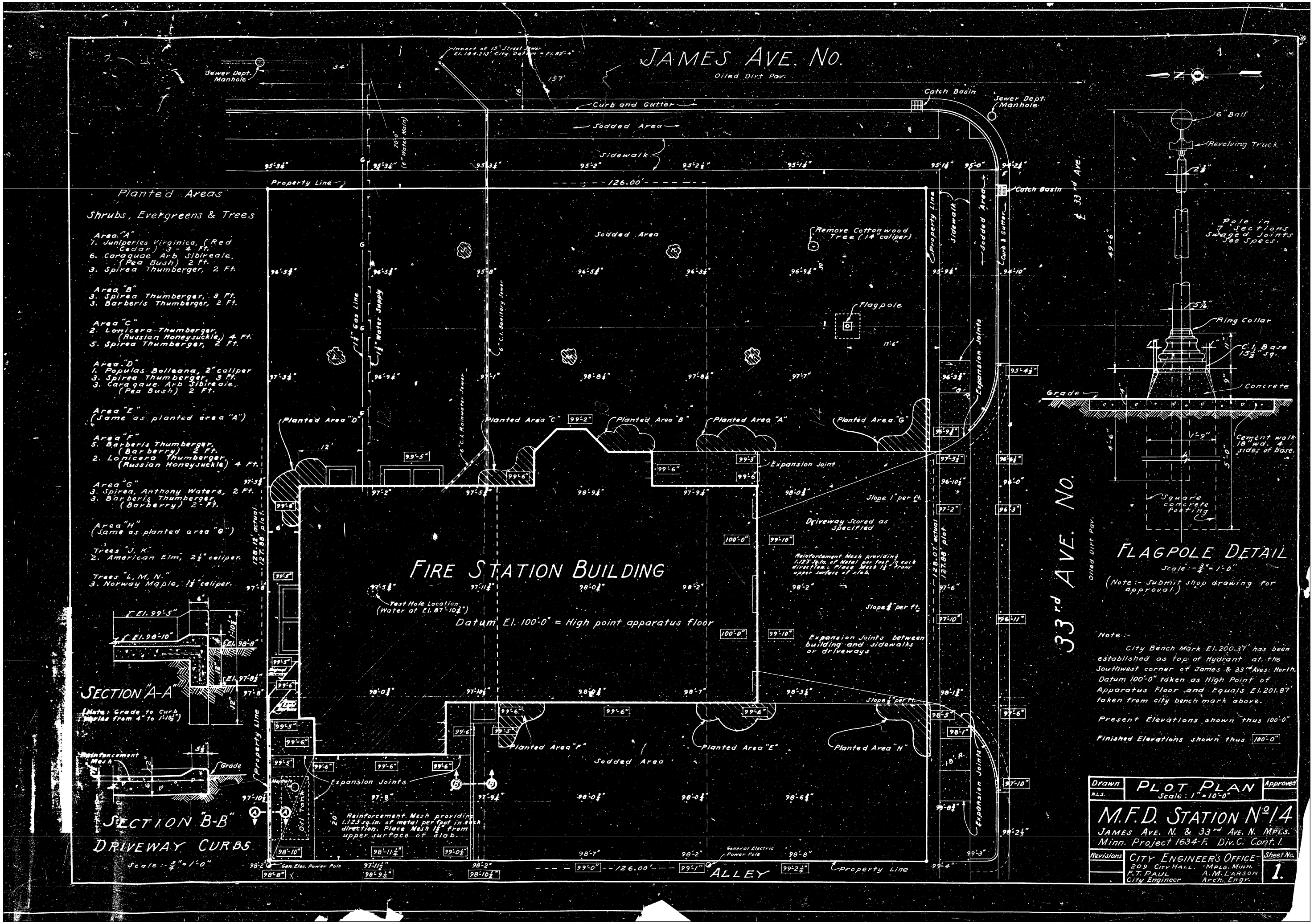
Railing

88'-6"

SECOND FLOOR PLAN



BASEMENT & FOUNDATION PLAN

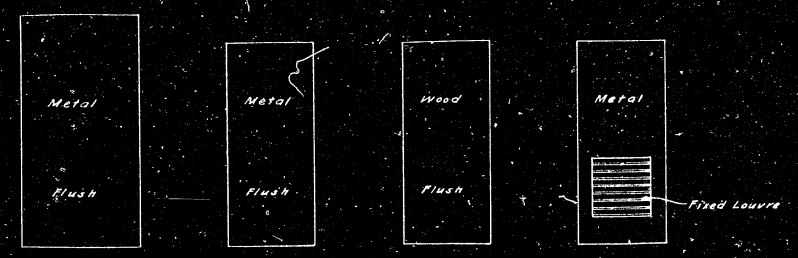

JAMES AVE. NO.
Oiled Dirt Pav.
Sewer Dept. Manhole
Invert of 15" Street Sewer El. 184.213' City Datum = El. 82'-4"
Curb and Gutter
Sodded Area
Sidewalk
Catch Basin
Property Line
126.00'
Planted Areas
Shrubs, Evergreens & Trees
Area "A"
1. Juniperies Virginica, (Red Cedar) 3 - 4 Ft.
6. Caraguae Arb Sibireaie, (Pea Bush) 2 Ft.
3. Spirea Thumberger, 2 Ft.
Area "B"
3. Spirea Thumberger, 3 Ft.
3. Barberis Thumberger, 2 Ft.
Area "C"
2. Lonicera Thumberger, (Russian Honeysuckle) 4 Ft.
5. Spirea Thumberger, 2 Ft.
Area "D"
1. Populas Bolleana, 2" caliper
3. Spirea Thumberger, 3 Ft.
3. Caragaue Arb Sibireaie, (Pea Bush) 2 Ft.
Area "E"
(Same as planted area "A")
Area "F"
5. Barberis Thumberger, (Barberry) 2 Ft.
2. Lonicera Thumberger, (Russian Honeysuckle) 4 Ft.
Area "G"
3. Spirea, Anthony Waters, 2 Ft.
3. Barberis Thumberger, (Barberry) 2 Ft.
Area "H"
(Same as planted area "G")
Trees "J, K."
2. American Elm, 2½" caliper.
Trees "L, M, N."
3. Norway Maple, 1½" caliper.
Remove Cottonwood Tree (14" caliper)
Flagpole
Sodded Area
Planted Area "D"
Planted Area "C"
Planted Area "B"
Planted Area "A"
Planted Area "G"
Expansion Joint
Slope 1" per ft.
Driveway Scored as Specified
Reinforcement Mesh providing 1.125 sq.in. of Metal per foot in each direction. Place Mesh 1½" from upper surface of slab.
FIRE STATION BUILDING
Test Hole Location (Water at El. 87'-10½")
Datum El. 100'-0" = High point apparatus floor
Slope ¾" per ft.
Expansion Joints between building and sidewalks or driveways
Slope ½" per ft.
Planted Area "F"
Planted Area "E"
Planted Area "H"
Sodded Area
Expansion Joints
Reinforcement Mesh providing 1.125 sq.in. of metal per foot in each direction. Place Mesh 1½" from upper surface of slab.
Oil Tank
Property Line
Gen. Elec. Power Pole
General Electric Power Pole
ALLEY
126.00'
Property Line
33rd AVE. NO.
Oiled Dirt Pav.
Expansion Joints
Sidewalk
Sodded Area
Curb & Gutter
Expansion Joints
Grade
Reinforcement Mesh
SECTION "A-A"
(Note: Grade to Curb varies from 4" to 1'-10½")
SECTION "B-B"
DRIVEWAY CURBS
Scale: ¾" = 1'-0"
6" Ball
Revolving Truck
Pole in 7 Sections Swaged Joints See Specs.
Ring Collar
C.I. Base 15½" sq.
Concrete
Grade
Cement walk 18" wd. 4 sides of base.
Square concrete footing
FLAGPOLE DETAIL
Scale: ¾" = 1'-0"
(Note:- Submit shop drawing for approval.)
Note:-
City Bench Mark El. 200.37' has been established as top of Hydrant at the Southwest corner of James & 33rd Aves. North. Datum 100'-0" taken as High Point of Apparatus Floor and Equals El. 201.87' taken from city bench mark above.
Present Elevations shown thus 100'-0"
Finished Elevations shown thus 100'-0"
Drawn
N.L.S.
PLOT PLAN
Scale: 1" = 10'-0"
Approved
M.F.D. STATION No. 14
JAMES AVE. N. & 33rd AVE. N. MPLS.
Minn. Project 1634-F. Div. C. Cont. 1.
Revisions
CITY ENGINEER'S OFFICE
209 CITY HALL. MPLS. MINN.
F.T. PAUL City Engineer
A.M. LARSON Arch. Engr.
Sheet No.
1.

BASEMENT DOOR SCHEDULE

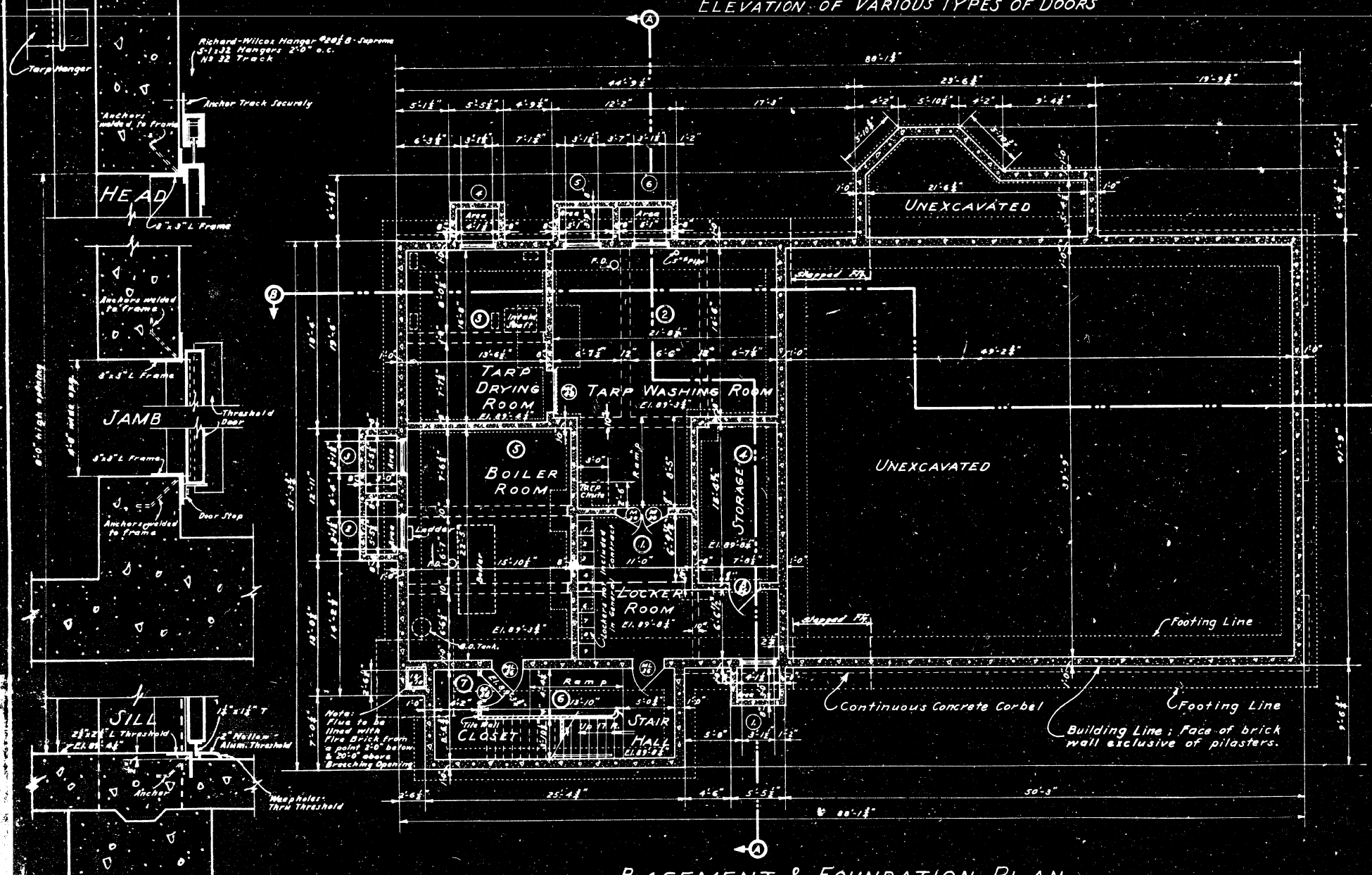
MS 36	2	3'-0" x 7'-0" x 1¾"	Metal Louvre
M 36	1	3'-0" x 7'-0" x 1¾"	" Flush
M 30	2	2'-6" x 7'-0" x 1¾"	" "
MS 48	1	4'-0" x 8'-0" x 1¾"	" "
B 36	1	3'-0" x 7'-0" x 1¾"	Wood "

BASEMENT MATERIAL SCHEDULE

Rm. No.	TITLE	FLOOR	WALL	CEILING	TRIM
1.	LOCKER ROOM	Cement	Cement	Cement	Metal Fram.
2.	WASHING ROOM	"	"	"	"
3.	DRYING ROOM	"	"	"	"
4.	STORAGE ROOM	"	"	"	"
5.	BOILER ROOM	"	"	"	"
6.	STAIR HALL	"	"	"	"
7.	OIL ROOM	"	"	"	"



ELEVATION OF VARIOUS TYPES OF DOORS



BASEMENT & FOUNDATION PLAN

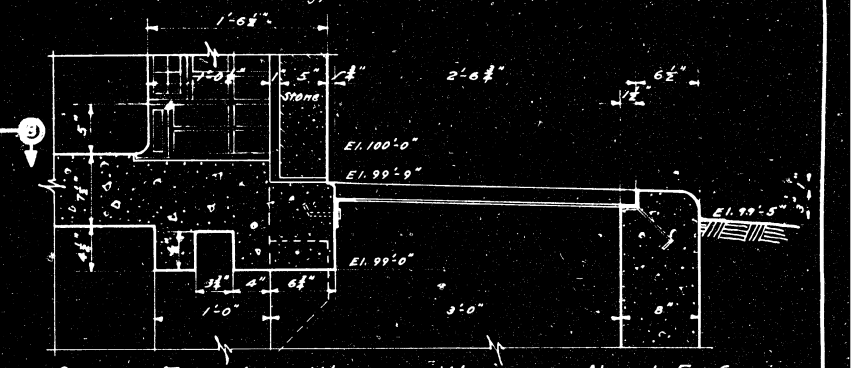
Scale: ⅛" = 1'-0"

Verify all measurements at building

Note:- 1 Refer to Concrete Plans for Footing Sizes, Elevations & Sections.

SECTION THRU AREA WAY AT WINDOW NO. 4

Note: Construction is Typical except as for Sizes & Variations as shown.

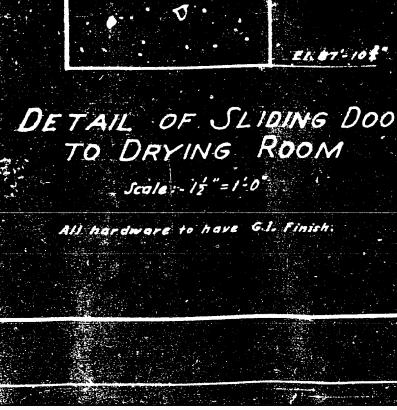


SECTION THRU AREA WAYS AT WINDOWS NOS. 1, 5 & 6.

SECTION THRU AREA WAY AT WINDOWS NOS. 2 & 3

AREA WAY DETAILS

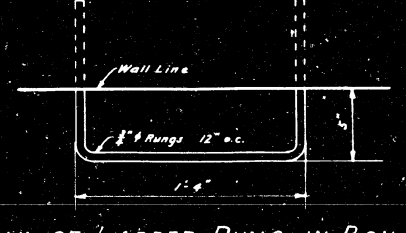
Scale: 1" = 1'-0"



DETAIL OF SLIDING DOOR TO DRYING ROOM

Scale: 1½" = 1'-0"

All hardware to have G.I. Finish.



DETAIL OF LADDER RUNG IN BOILER ROOM

Scale: 1½" = 1'-0"

Drawn	BASEMENT PLAN Scale: ⅛" = 1'-0"	Approved

M.F.D. STATION No. 14

JAMES AVE. N. & 33rd AVE. N., MPLS. Minn. Project 1634-F. Div. C. Cont. 1.

Revisions	CITY ENGINEER'S OFFICE 209 CITY HALL, MPLS., MINN. F.T. PAUL City Engr. A.M. LARSON Arch. Engr.	Sheet No. 2

FIRST FLOOR DOOR SCHEDULE

MG 3-6	1	3'-0" x 6'-11" x 1 3/4"	Glazed
MG 3-6	2	2'-10" x 6'-11" x 1 3/4"	"
C 2-6	2	2'-10" x 6'-11" x 1 3/8"	Combination
C 3-0	1	3'-0" x 6'-11" x 1 3/8"	"
SC 2-6	2	2'-10" x 6'-11" x 1 3/8"	Screen Dr.
B 2-6	2	2'-8" x 6'-11" x 1 3/4"	Flush
B 2-6	1	2'-6" x 6'-11" x 1 3/4"	"
MS 4-6	1	4'-2" x 7'-1 1/2" x 1 3/4"	Metal Flush
P	2	11'-0 3/4" x 12'-1 1/2" x 2 1/4"	3ply Wood Det.
A	1	2'-4" x 6'-11" x 1 3/4"	Flush
A	1	2'-0" x 6'-11" x 1 3/4"	"

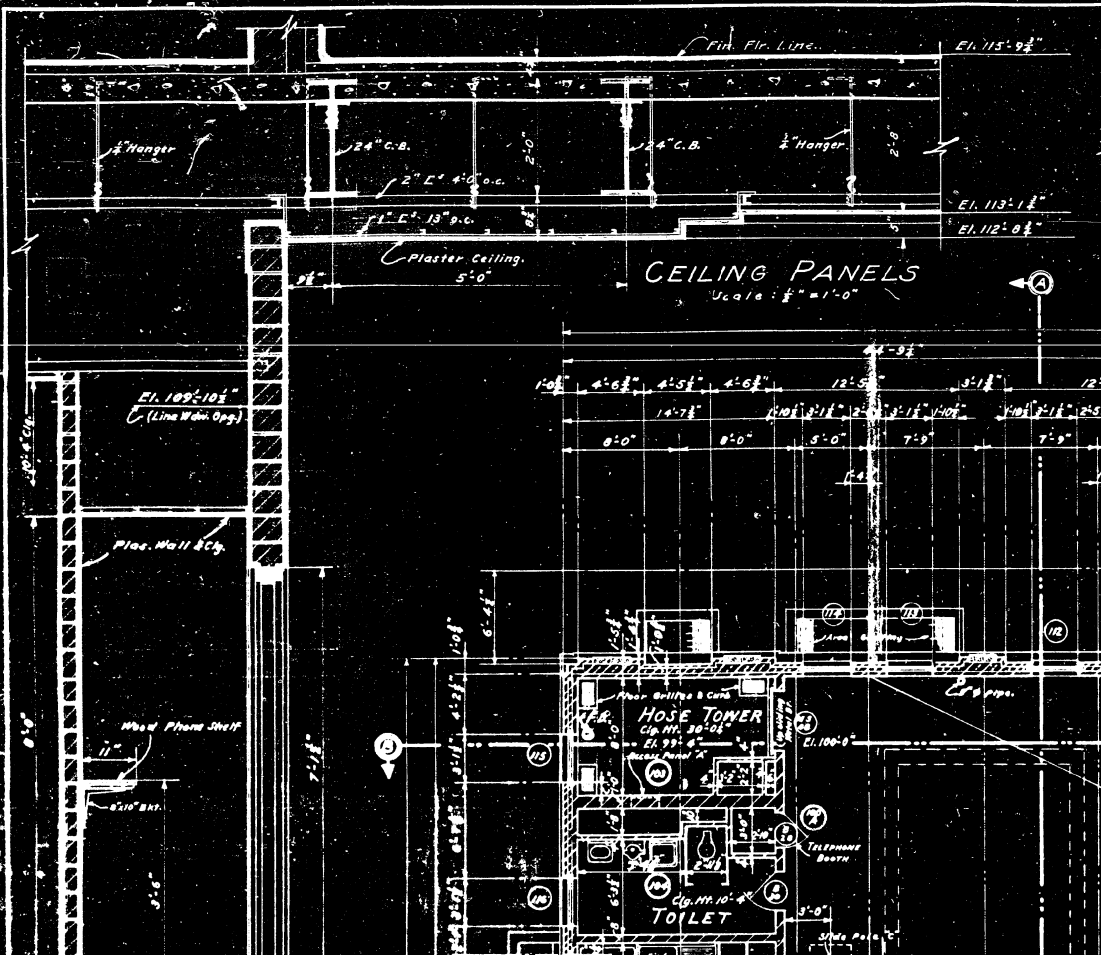
FIRST FLOOR DOOR & WD. LINTELS

MG 3-6	1	3 - 5"x3"x 5/16"	4'-2"
MG 3-6	2A	3 - 5"x3"x 5/16"	4'-0"
SC 3-6	2	1 - T. 61 4"x3" 9.2#	4'-0"
B 3-2	2	1 - T. 61 4"x3" 9.2#	3'-4"
B 3-0	1	1-T. 61 4"x3" 9.2#	3'-2"
B 2-8	1	1-T. 61 4"x3" 9.2#	3'-0"
B 2-6	1	1-T. 61 -4"x3" 9.2#	2'-8"
MS 4-6	1	1-5"x3" L & 1-5"x 4" L	5'-4"
P	2	2-10" 15.3# [C] 1-12" 25# R	12'-0"
A 2-4 2-0	22	2-4"x3 1/2" L's & 1-4"x 1/4" R	4'-0"
C 3-6	1	3 - 5"x3"x 5/16"	4'-2"
C 3-0	2	3 - 5"x3"x 5/16"	4'-0"

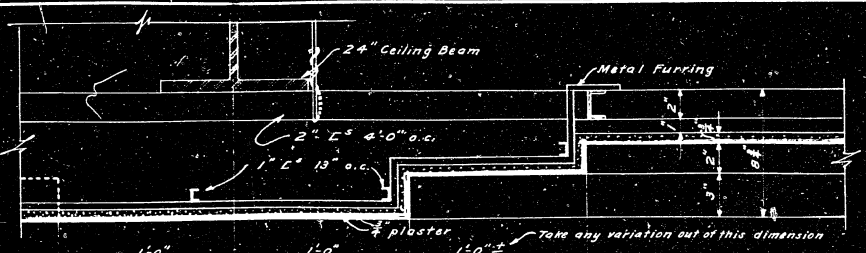
FIRST FLOOR MATERIAL SCHEDULE

RM. No	TITLE	FLOOR	WALL	CEILING	TRIM
100	APPARATUS ROOM	Mon. Cem.	Tile W & B	Plaster	Metal Enam.
101	VESTIBULE	Cement	"	"	"
102	WATCH OFFICE	Composition	"	"	"
103	HOSE TOWER	Cement	Tile W. Cem. B.	See Room 206 Second Floor	"
104	TOILET	Tile	Tile W & B	Plaster	"
105	KITCHEN	Composition	"	"	"
106	DINING ROOM	"	"	"	"
107	STAIR HALL	Cement	Tile W. Cem. B	"	"
100-A	TELEPHONE BOOTH	"	Cem. Plas.	"	"
100-B	TARP CHUTE CLOS.	S. Metal	Cem. & S.M.	"	"
100-C	CONVECTOR CHAMBER	Cement	Tile	"	"
102-A	WATCH OFFICE CLOS.	Composition	"	"	"

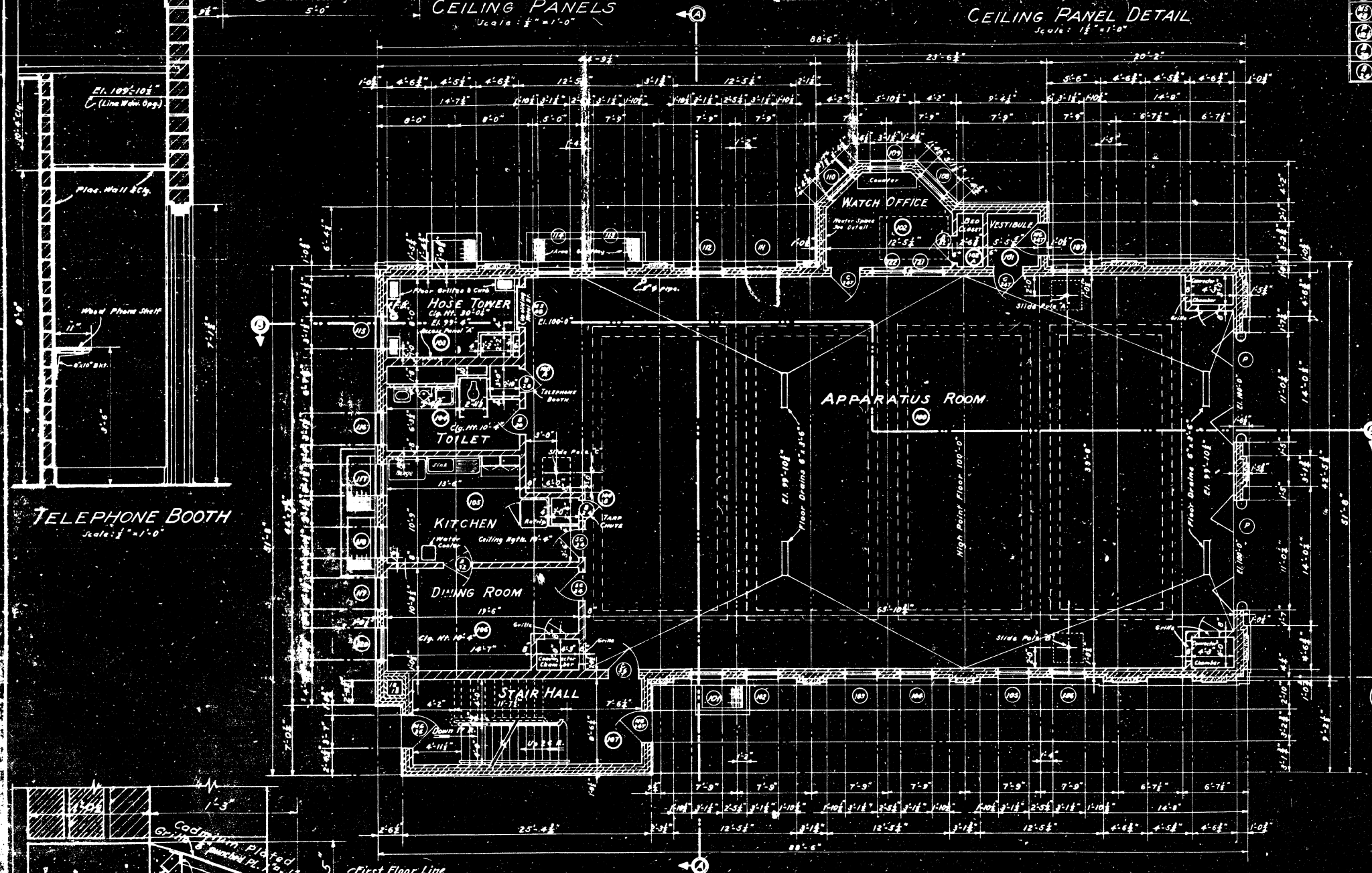
NOTE! All ceiling suspended as detailed & specified



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

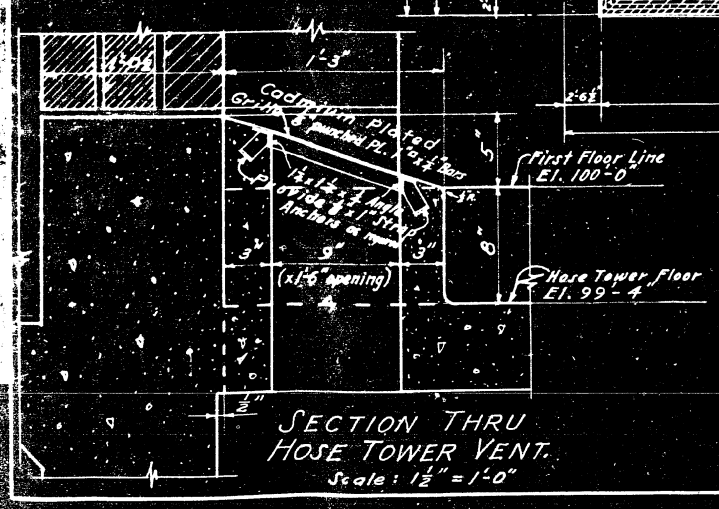


CEILING PANEL DETAIL
Scale: 1 1/2" = 1'-0"

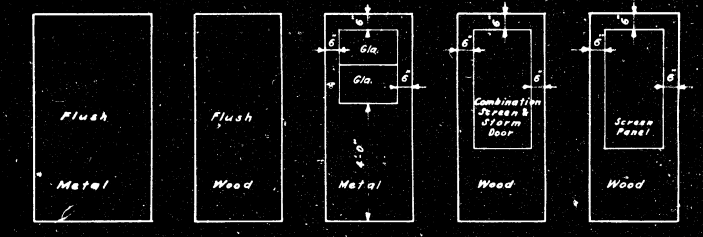


FIRST FLOOR PLAN
Scale: 1/8" = 1'-0"

Verify all measurements at building



SECTION THRU HOSE TOWER VENT.
Scale: 1 1/2" = 1'-0"



ELEVATION OF VARIOUS TYPES OF DOORS

Building Line face of wall exclusive of pilasters

Note:-
All masonry openings to have proper lintels whether indicated or not.

SCHEDULE OF MATERIALS
Note: All Tile whether Face Tile or Back-up Tile Shall Be Load Bearing.

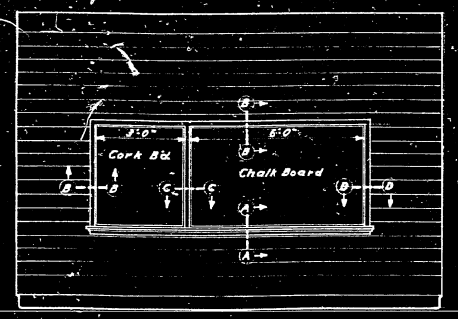
- STONE
- FACE BRICK
- BACK UP TILE OR COMMON BRICK
- FACE TILE

Drawn | FIRST FLOOR PLAN Scale: 1/8" = 1'-0" | Approved

M.F.D. STATION No 14

JAMES AVE. N. & 33rd AVE. N., MPLS.
Minn. Project 1634-F. Div. C. Cont. 1.

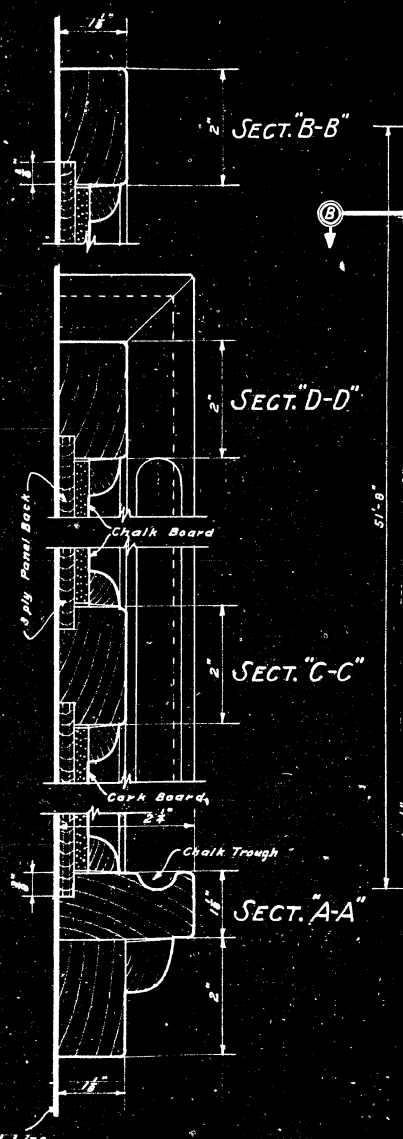
Revisions	CITY ENGINEER'S OFFICE 209 CITY HALL - MPLS. MINN. F.T. PAUL City Engr. A.M. LARSON Arch. Engr.	Sheet No. 3



EAST WALL ELEV. SCHOOL ROOM

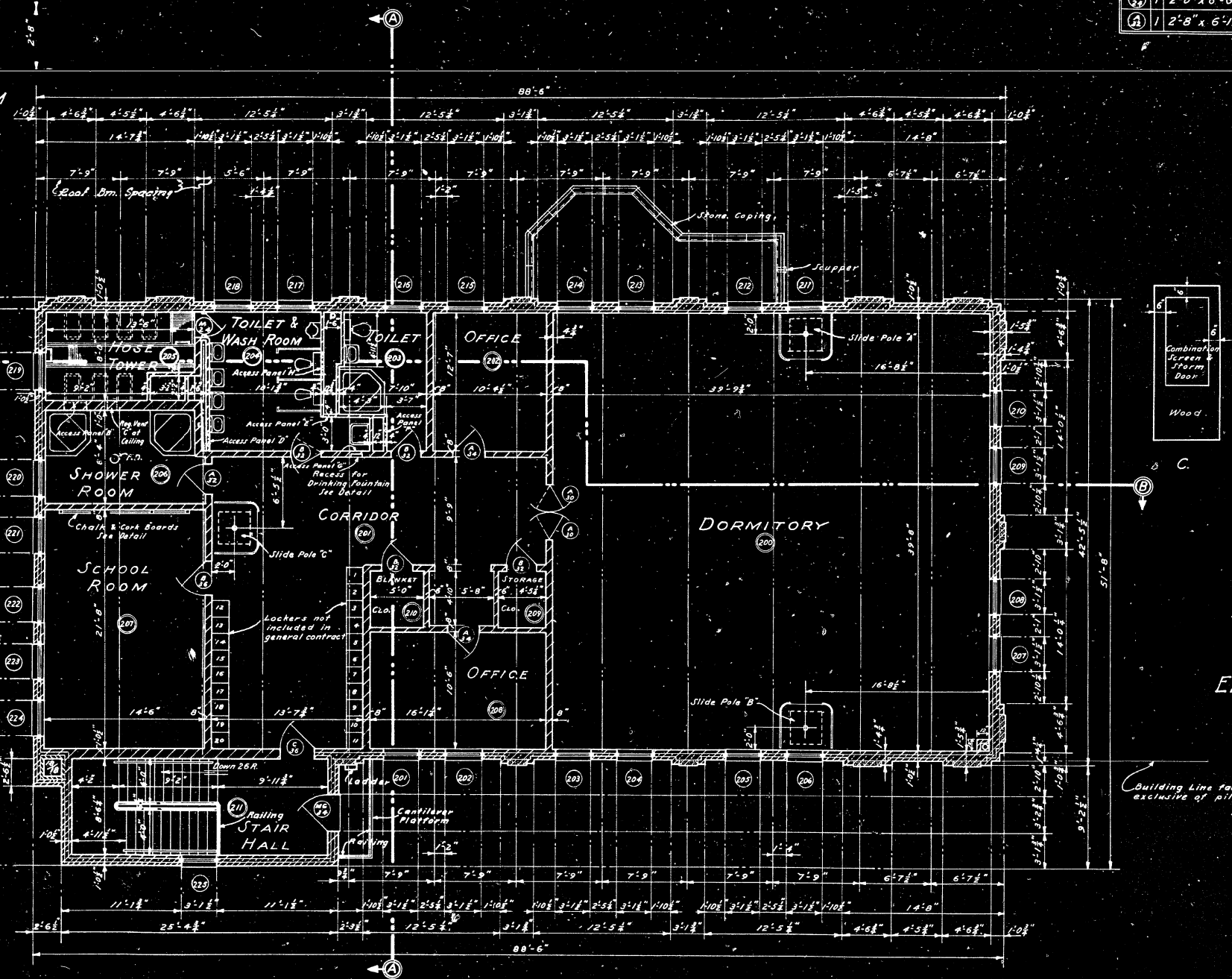
Scale:- 1/4"=1'-0"

Note:- Regal Chalk Board and Crest Cork Board or approved equivalents.



DETAIL SECTIONS OF CHALK & CORK BOARDS

Scale:- 6"=1'-0"



SECOND FLOOR PLAN

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

Verify all measurements at building

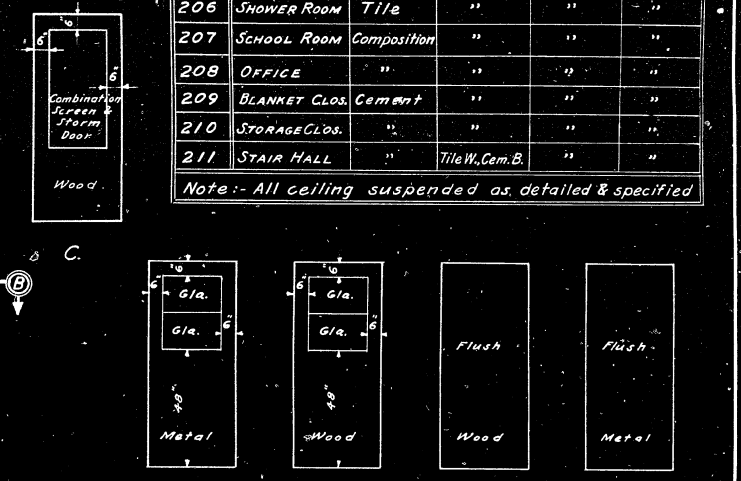
Note: Beam spacing indicates location of Roof Framing.

SECOND FLOOR DOOR SCHEDULE			
MG 26	1	2'-10" x 6'-11" x 1 3/4"	Glazed
A 26	2	2'-10" x 6'-11" x 1 3/4"	"
B 32	4	2'-8" x 6'-11" x 1 3/4"	Flush
A 30	2	2'-6" x 6'-11" x 1 3/4"	Glazed
M 36	1	3'-0" x 6'-11" x 1 3/4"	Combination
B 32	1	3'-0" x 6'-11" x 1 3/4"	Flush
MG 26	1	2'-0" x 6'-6" x 1 3/4"	"
A 32	1	2'-8" x 6'-11" x 1 3/4"	Glazed

SECOND FLOOR DOOR & WD. LINTELS			
C 36	1	3-3"x5"x 5/16" L	4'-2"
MG 24	1	3-3"x5"x 5/16" L	4'-0"
A 32	2	T-T. 61. 4"x3" 9.2#	4'-0"
B 32	4	" " "	3'-8"
A 30	1	I-T. 61. 4"x5" 11.9#	6'-0"
B 36	1	I-T. 61. 4"x3" 9.2#	4'-2"
M 24	1	4-4"x4" L	3'-0"
A 32	1	T-T. 61. 4"x3" 9.2#	3'-8"
201 203	25	2-4"x3 1/2" L 1-4"x 5/16"	4'-0"

SECOND FLOOR MATERIAL SCHEDULE					
RM. NO	TITLE	FLOOR	WALL	CEILING	TRIM
200	DORMITORY	Composition	Tile W. & B.	Plaster	Met. Enam.
201	CORRIDOR	"	"	"	"
202	OFFICE	"	"	"	"
203	TOILET	Tile	"	"	"
204	TOILET & W.R.	"	"	"	"
205	HOSE TOWER	Metal Grid Platform	"	Fed. Tile	"
206	SHOWER ROOM	Tile	"	"	"
207	SCHOOL ROOM	Composition	"	"	"
208	OFFICE	"	"	"	"
209	BLANKET CLOS.	Cement	"	"	"
210	STORAGE CLOS.	"	"	"	"
211	STAIR HALL	"	Tile W. Cem. B.	"	"

Note:- All ceiling suspended as detailed & specified



ELEVATION OF VARIOUS TYPES OF DOORS

Note:- All masonry openings to have proper lintels whether indicated or not.

Drawn | SECOND FLOOR PLAN Scale: 1/8"=1'-0" | Approved

M.F.D. STATION No 14

JAMES AVE. N. & 33rd AVE. N. MPLS.

Minn. Project 1634-F. Div. C. Cont. 1

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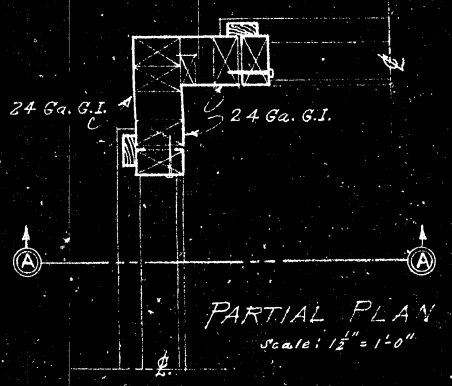
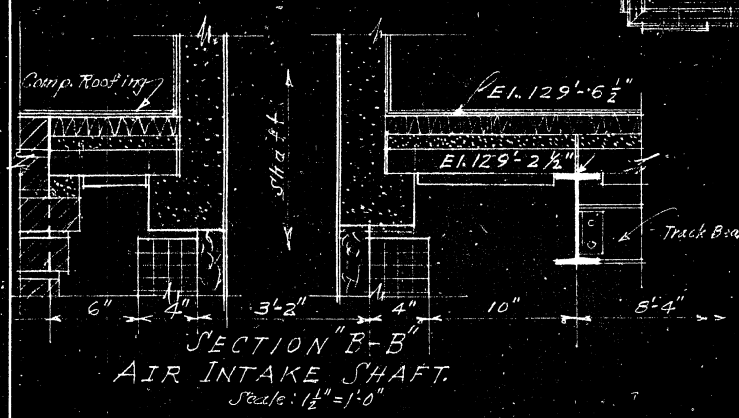
	202 CITY HALL - MPLS. MINN.	4
	F. T. PAUL City Engr.	A. M. LARSON Arch. Engr.



PARTIAL PLAN
Scale: 1½" = 1'-0"

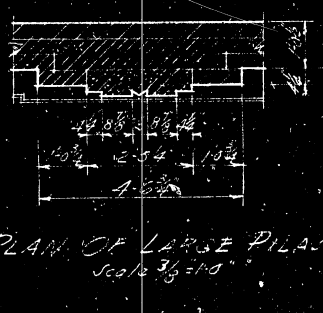
DETAIL STONE DATE PLATE
Scale: 1½" = 1'-0"
See Front Elev. For Location On Pilaster

SECTION A-A.
AIR INTAKE SHAFT.
Scale: 1½" = 1'-0"

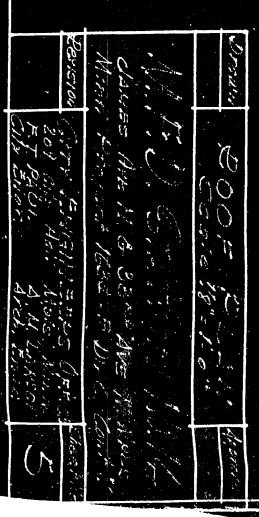


SECTION "B-B"
AIR INTAKE SHAFT.
Scale: 1½" = 1'-0"

ELEVATION OF LARGE PILASTER
SHOWING BRICK & STONE COURSING
Scale ⅜" = 1'-0"



PLAN OF LARGE PILASTER
Scale ⅜" = 1'-0"



DETAIL OF STONE NAME PLATE
Scale 1½" = 1'-0"

Note: All exposed corners to be rounded to ⅛" R. All metal work to be Cadmium plated.

1¼"

1½"×1½"×¼" L

2'-0"

1'-3"

⅜"ø×3½"

1"×4" L

⅜"ø×3½"

1"×3½"

Screws

1"×7½" Full Dimension

3'-0"

SECTION "A-A"

6" R.

FULL SIZE PROFILE OF EDGE OF TREAD

2'-0"

2'-0"

STEP LADDER DETAIL

Scale: ½"=1'-0"

Make 2 Thus

EAST ELEVATION

Scale: ⅛"=1'-0"

Stone Coping El. 140'-6¼"

Stone Coping El. 130'-5½"

2nd Floor Ceiling El. 125'-10⅜"

2nd Floor Line El. 115'-9⅜"

El. 113'-1⅜" 1st Floor Ceiling

Stone Base Cap

Stone Base

Grade at Bldg. El. 99'-6"

Floor Line El. 100'-0"

Concrete continuous bracket

El. 93'-6"

Bottom Ftg. El. 75'-1"

Bottom Ftg. El. 72.16

Fill El. 94'-1"

El. 92'-5"

El. 93'-11"

El. 92'-3"

Basement Floor El. 89'-3½"

El. 87'-10⅜"

Stone Coping

Brick

Stone Cap

Stone Sills

Soldiers

Headers

Stone Lintels

Stone Pilasters

Stone Trim

Stone Cornice

Stone Coping El. 113'-3½"

Stone Coping El. 113'-8½"

PLAN

Area

Vent

Heater Housing

Intake Air Shaft

Tarp Hangers

13'-6½"

El. 100'-0"

72"-6"

6"

10'-10½"

El. 89'-4½"

El. 89'-3½"

SECTION "A-A"

Hose Tower

El. 99'-4"

Area

Heater Housing

Door Opg.

Movable Step Ladder (See Detail)

El. 89'-4½"

El. 89'-3½"

SECTION "B-B"

TARP DRYING ROOM DETAILS

Scale: ½"=1'-0"

½"ø Bolt insert in slab

Bottom of slab

Note: All metal fittings to be Cadmium plated.

⅝"ø Bolt

⅝"ø Bolt

2"ø Galv. Pipe

⅝"ø Rod

¼" R.

18"

18"

4"

4"

6"

DETAIL FOR TARP HANGERS

Scale: 6"=1'-0"

Iron Ladder

Intake

Exhaust

Brick

M.F.D. STATION NO. 14

Stone Cap

For Detail See Sheet "5"

For Detail See Sheet "11"

Stone Coping El. 130'-5½"

2nd Floor Ceiling El. 125'-10⅜"

Stone Pilaster.

2nd Floor Line El. 115'-9⅜"

Headers

Stone Lintels

Stone Coping El. 113'-3½"

Roof Line El. 111'-6⅜"

Ceiling Line El. 110'-6¼"

Wrought Iron Railing

Cantilever concrete slab cement finish El. 113'-6⅜"

El. 113'-1⅜" 1st Floor Ceiling

Stone Base Cap

Brick

Stone Base

Grade at Bldg. El. 99'-6"

El. 100'-0"

El. 99'-10"

El. 93'-6"

Bsmt. Stair Landing El. 89'-8½"

El. 87'-10⅜"

SOUTH ELEVATION

Scale: ⅛"=1'-0"

Drawn	SOUTH & EAST ELEVATIONS Scale: 1/8"=1'-0"	Approved

M.F.D. STATION Nº 14

JAMES AVE. N. & 33rd AVE. N., MPLS.

Minn. Project 1634-F Div. C. Cont. 1.

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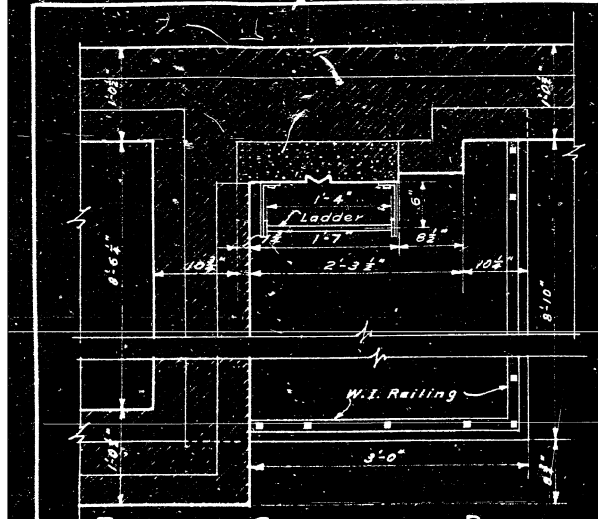
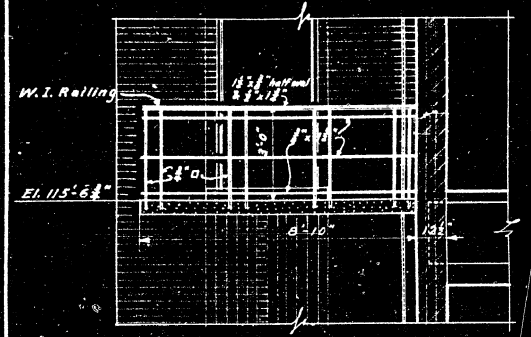
		6



PLAN OF CANTILEVER BALCONY

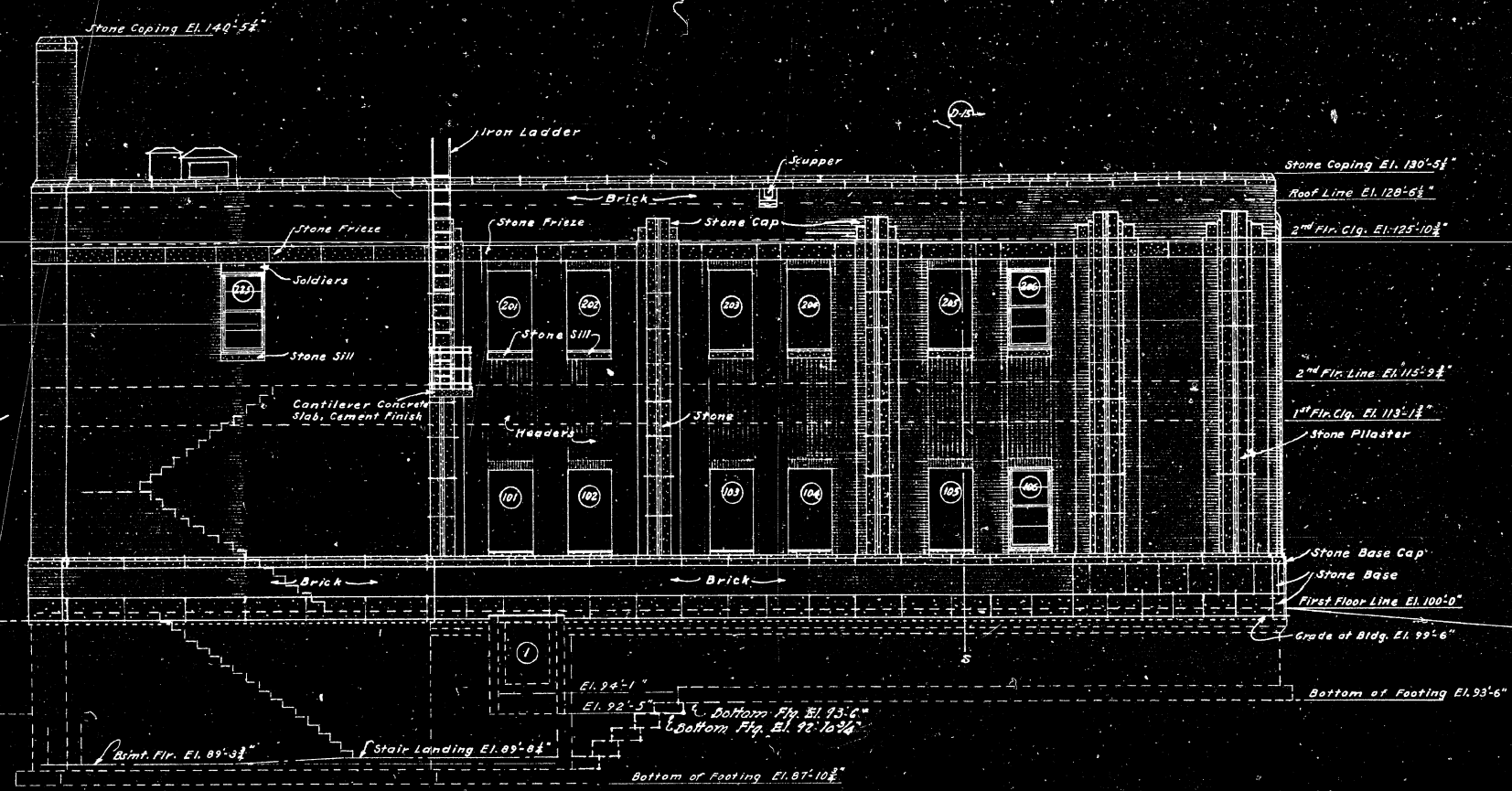
Scale: ½" = 1'-0"



ELEVATION BALCONY RAILING

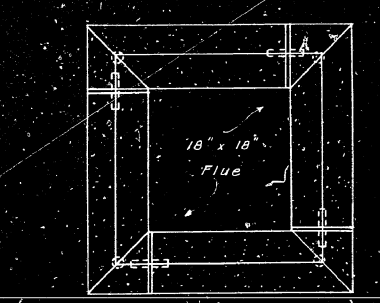
Scale: ½" = 1'-0"

(See Stair Details Sheet # for detail of W.I. Railing.)

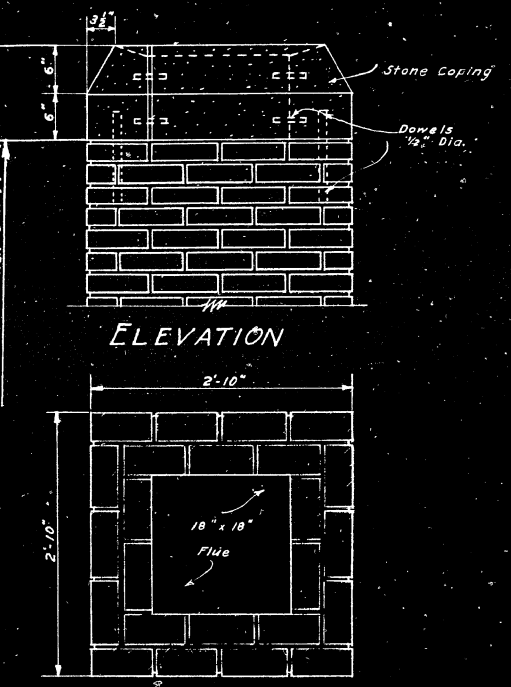


WEST ELEVATION

Scale: ½" = 1'-0"



COPING PLAN

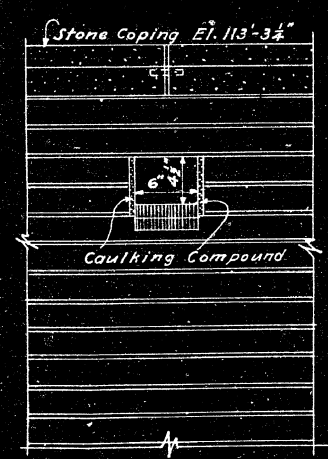


ELEVATION

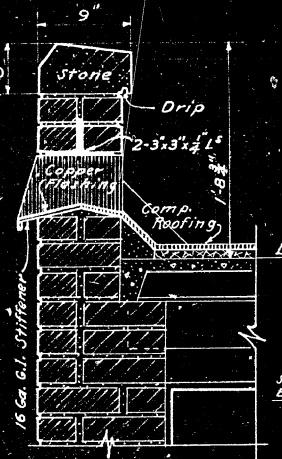
SECTION

CHIMNEY DETAILS

Scale: 3/16" = 1'-0"



ELEVATION

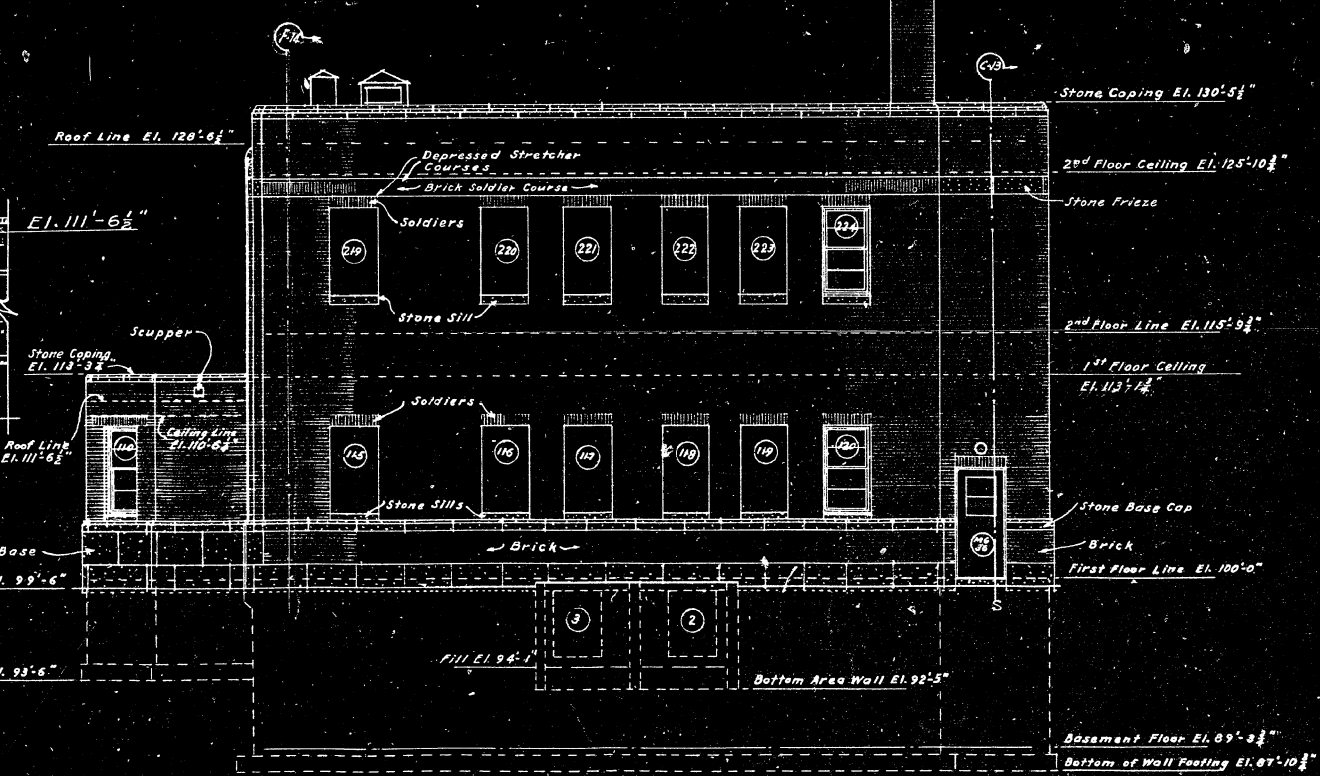


SECTION

METAL SCUPPER DETAIL

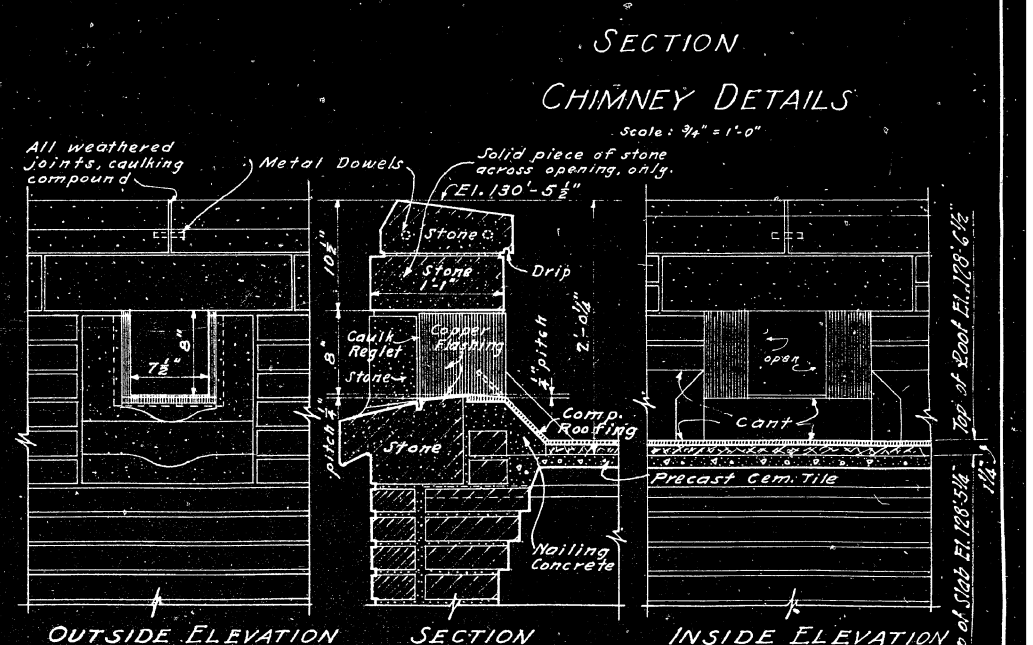
(WATCH OFFICE ONLY)

Scale: 1" = 1'-0"



NORTH ELEVATION

Scale: ½" = 1'-0"



OUTSIDE ELEVATION

SECTION

INSIDE ELEVATION

SCUPPER DETAIL

Scale: 1" = 1'-0"

Drawn	NORTH & WEST ELEVATIONS Scale: 1/8" = 1'-0"	Approved

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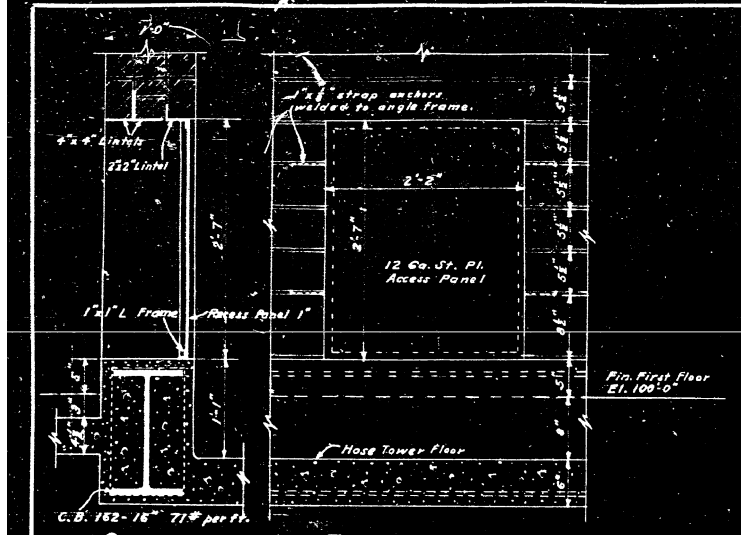
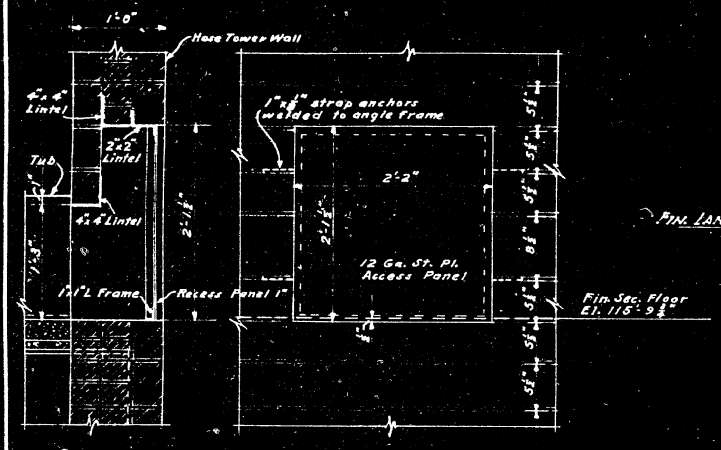
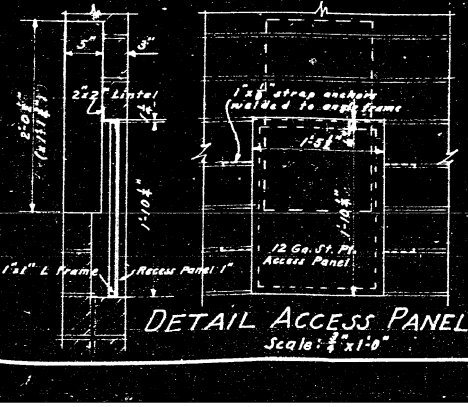


SECTION ELEVATION
DETAIL ACCESS PANEL "A"
Scale: ¾"=1'-0"



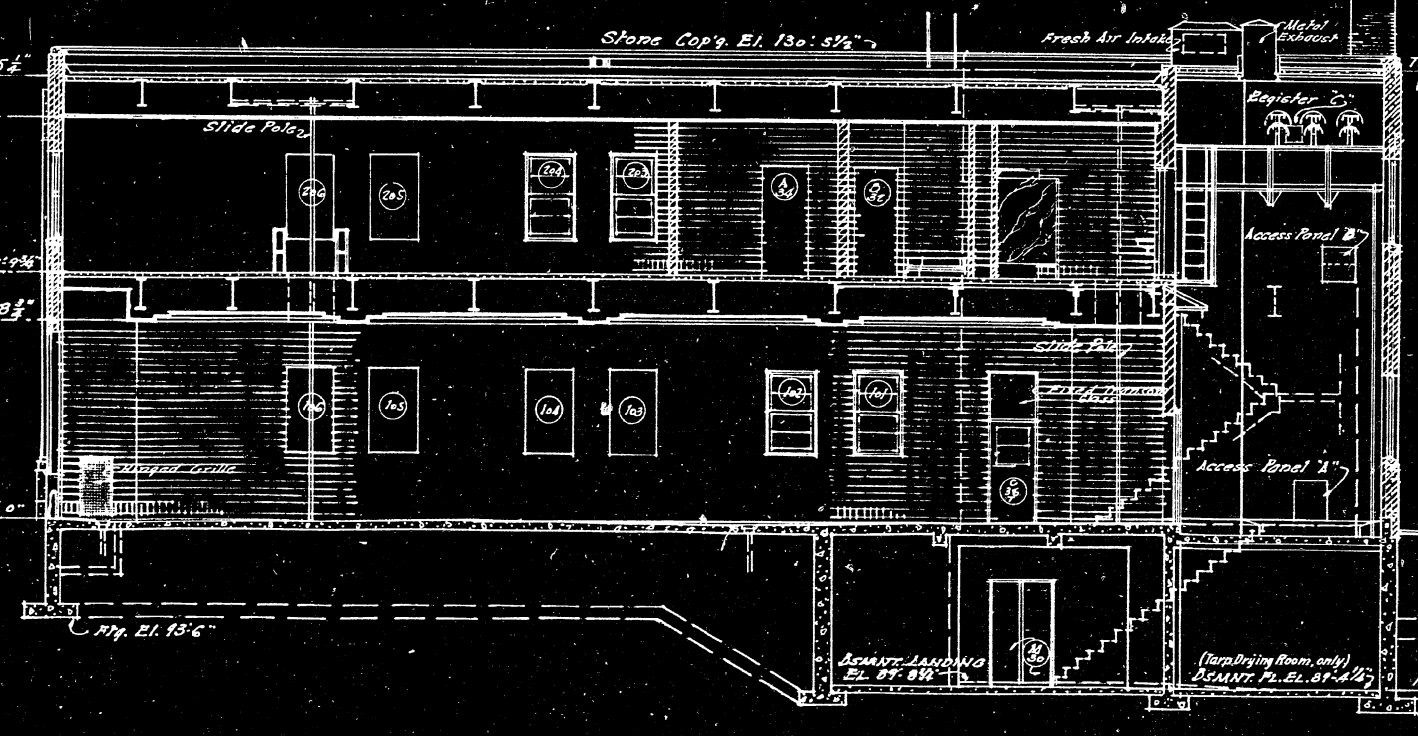
SECTION ELEVATION
DETAIL ACCESS PANEL "B"
Scale: ¾"=1'-0"

SECTION ELEVATION
DETAIL REGISTER VENT "C"
Scale: ¾"=1'-0"

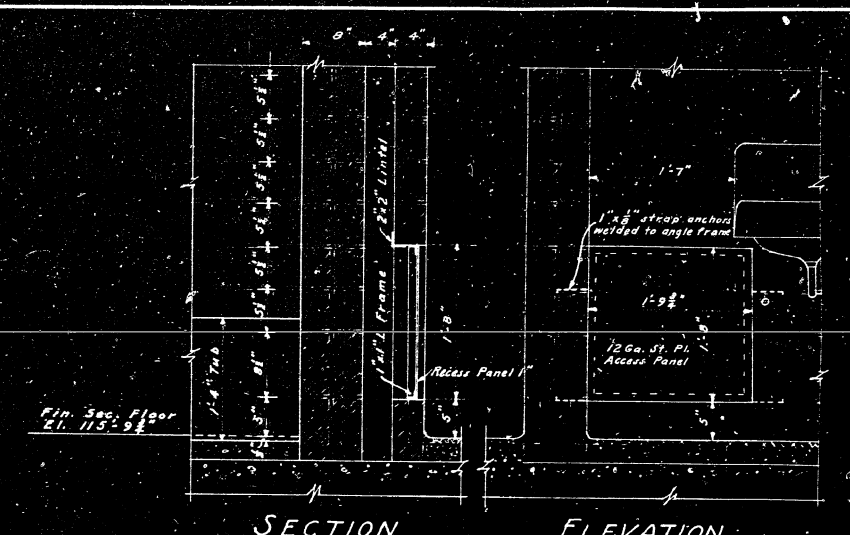


DETAIL ACCESS PANEL "G"
Scale: ¾"x1'-0"

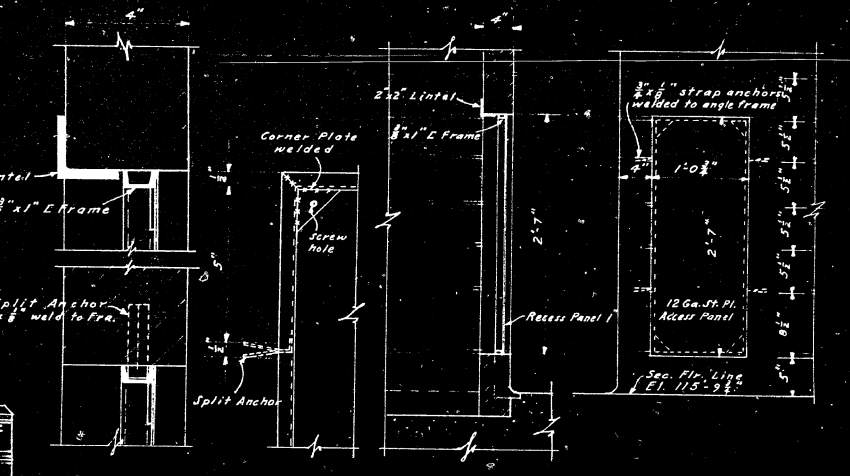
SECTION A-A
Scale: ⅛"=1'-0"



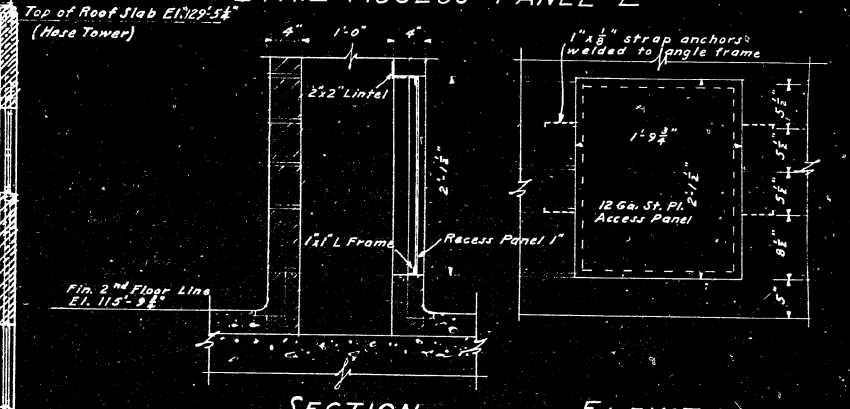
SECTION B-B
Scale: ⅛"=1'-0"



SECTION ELEVATION
DETAIL ACCESS PANEL "D"
Scale: ¾"=1'-0"



SECTION ELEV. SECTION ELEVATION
Scale: 3"=1'-0" Scale: ¾"=1'-0"
DETAIL ACCESS PANEL "E"



SECTION ELEVATION
DETAIL ACCESS PANEL "F"
Scale: ¾"=1'-0"

Note:
See sheet #10 for detail access panel "H"

Drawn	LONGITUDINAL & CROSS SECTIONS Scale: 1/8"=1'-0"	Approved

M.F.D. STATION No. 14

JAMES AVE. N. & 33rd AVE. N. MPLS.
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