Revision	Date	By
Alt. to location dimen.	10-31-41	KEH
Cable conduit stub outlets on Basement and First Floor Plans	11.11.41	A.J.S.
Pipe sleeve openings for cables on 1st floor plan added	12.10.41	A.J.S.
Separate circuit on 2nd Floor added	12.10.41	A.J.S.
Add Toilet & Entry Room on 1st Fl. Add Light #2 & 28 & Recpt. #7 & D-10 Shift light #9 & #11 Shift light switches on 1st Fl.	3-13-42	A.J.S.

STEEL WINDOW SCHEDULE

MARK	NO. REQ'D	TYPE	OPENING SIZE	NO. LIGHTS	GLASS SIZE
W-1	9	Architectural Projected "B"	4'-6" x 4'-6"	4	
W-2	2	"	4'-0" x 4'-6"	4	
W-3	2	Horizontally Pivoted # 32180	4'-10⅜" x 3'-5⅝"	8	
W-4	5	Horizontally Pivoted #32160	3'-8" x 3'-5⅝"	6	
W-5	1	Stationary #32	3'-8" x 3'-5⅝"	6	
W-6	1	Horizontally Pivoted # 32180	4'-2⅜" x 3'-1⅝"	8	
W-7	3	Horizontally Pivoted # 32160	3'-2" x 3'-1⅝"	6	
W-8	1	Horizontally Pivoted # 32140	2'-1⅝" x 3'-1⅝"	4	

DOOR SCHEDULE

MARK	NO. REQ'D	SIZE	DESCRIPTION
D-1	1	3'-0" x 6'-8" x 1¾"	glass panel Transom above
D-2	1	3'-0" x 7'-0" x 1¾"	glass panel
D-3	1	3'-0" x 6'-8" x 1¾"	glass panel
D-4	1	3'-0" x 6'-8" x 1¾"	5 Cross panels
D-5	1	3'-0" x 6'-8" x 1¾"	5 " "
D-6	1	2'-6" x 6'-8" x 1¾"	5 " "
D-7	1	2'-0" x 6'-8" x 1¾"	5 " "
D-8	1	3'-0" x 6'-8" x 1¾"	2 panels
D-9	1	2'-0" x 6'-8" x 1¾"	2 "
D-10	1	3'-0" x 7'-0" x 1¾"	5 Cross panels

BASEMENT PLAN
1/4" = 1'-0"

SECOND FLOOR PLAN
1/4" = 1'-0"

FIRST FLOOR PLAN
1/4" = 1'-0"

DIAGRAM of SUMP PUMP

DETAIL of TOILET ROOM PARTITIONS
3" = 1'-0"

LOCATION PLAN
1" = 50'-0"

PLOT PLAN
1/8" = 1'-0"

LIST of DRAWINGS

Drwg. No.	Description
B-5210	PLANS AND WINDOW & DOOR SCHEDULE
B-5211	ELEVATIONS AND SECTIONS
B-5212	REINFORCING DETAILS
B-5213	WINDOW AND DOOR DETAILS
B-5214	DETAILS OF STAIRS
B-5215	STEEL DETAILS
B-5216	ROOF PLAN CEILING FRAMING RAILS DETAILS
B-5217	HEATING LAYOUT

(1) of (8)

A

P

A.F.E. 56098

C. M. ST. P. & P. R. R.

CHICAGO, ILL.

PACIFIC JUNCTION - INTERLOCKING TOWER

PLANS AND WINDOW & DOOR SCHEDULES

Chicago, Oct. 15, 1941 Drawing No. B-5210

Correct: A. O. Lagerstrom Architect

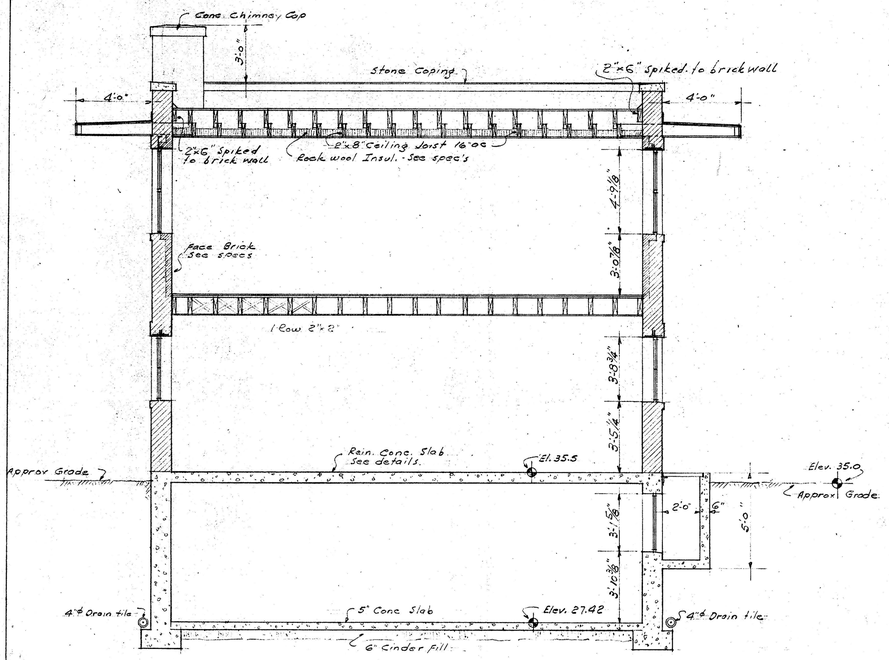
Approved: Supervisor Bridges & Buildings

Approved: Asst. Chief Engineer

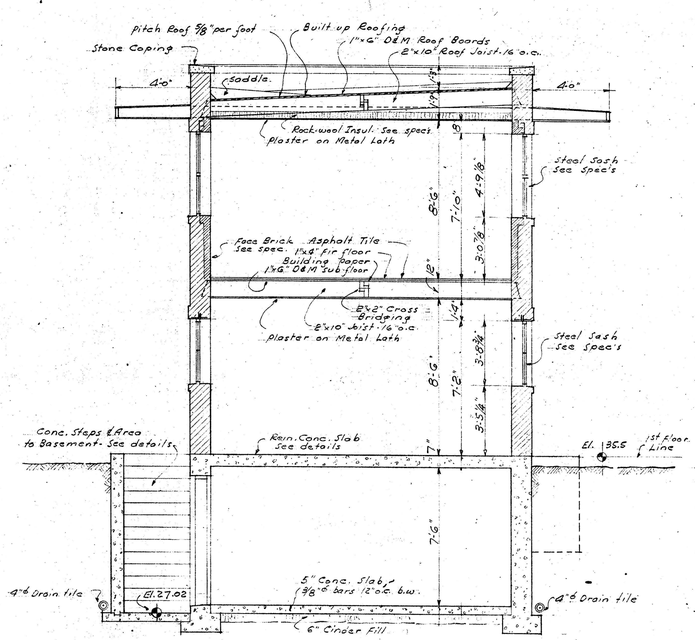
Approved: Chief Engineer

Scale: as shown
Drawn By: KEH & J.S.
Checked By: W.F.
Struct. Check by: W.F.

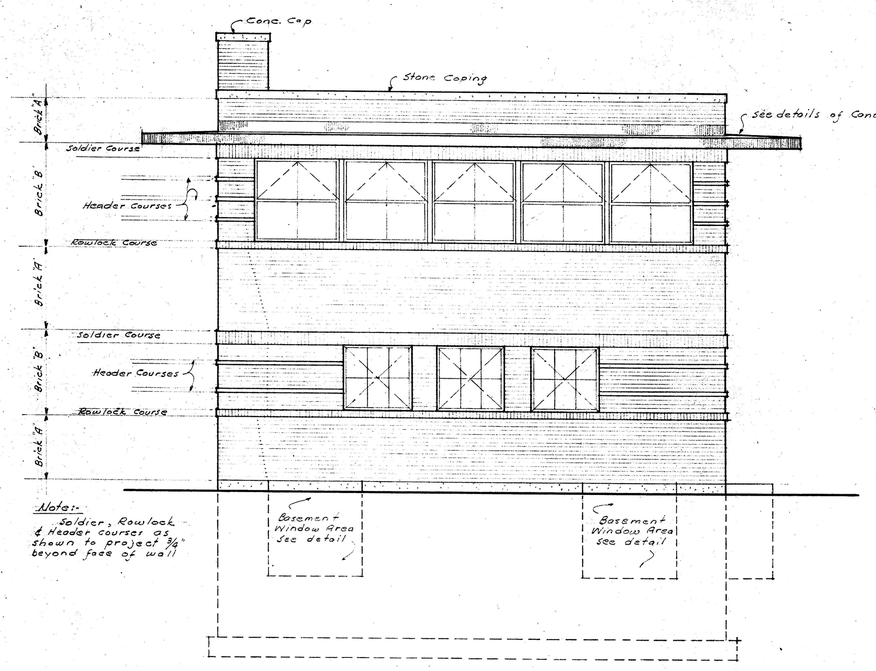
C-24-3



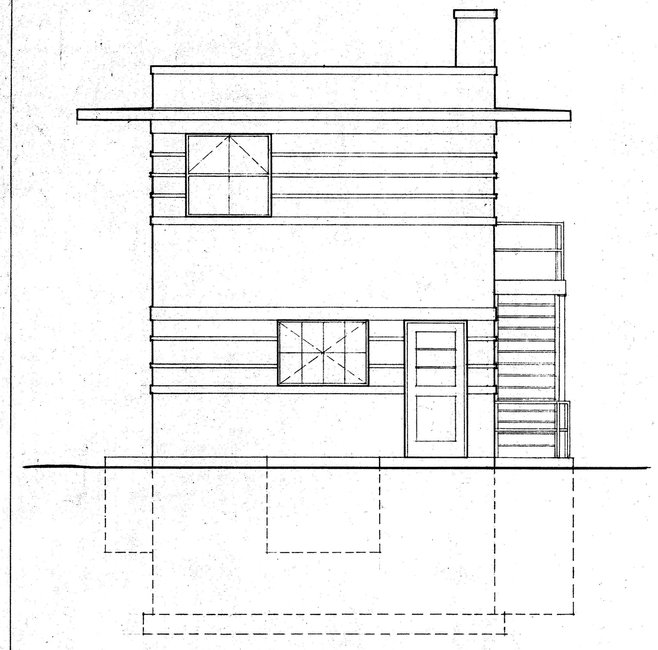
LONGITUDINAL SECTION
1/4" = 1:0"



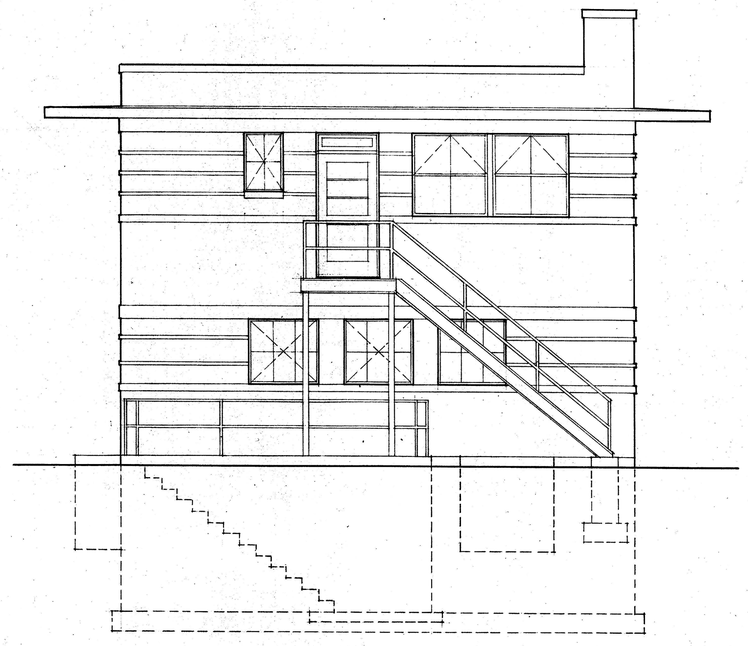
CROSS SECTION
1/4" = 1:0"



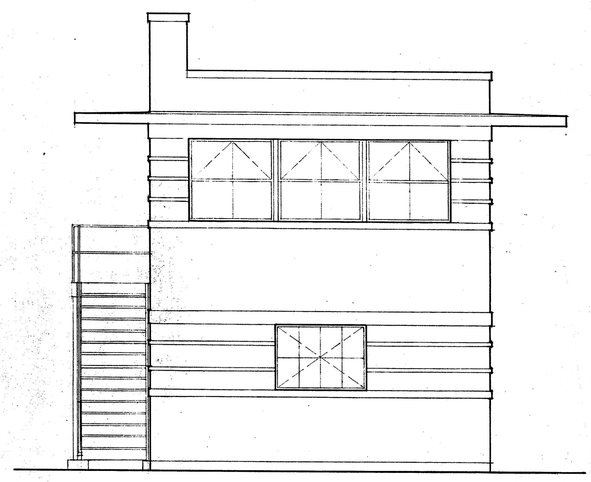
WEST ELEVATION
1/4" = 1:0"



SOUTH ELEVATION
1/4" = 1:0"



EAST ELEVATION
1/4" = 1:0"



NORTH ELEVATION
1/4" = 1:0"

A.F.E.- 56098

(2) of (8)

A

P

C. M. ST. P. & P. R. R.

CHICAGO, ILL.

PACIFIC JUNCTION - INTERLOCKING TOWER

ELEVATIONS & SECTIONS

Chicago Oct. 15 1941. Drawing No B-5211

Correct: A. O. Lagerstrom, Architect

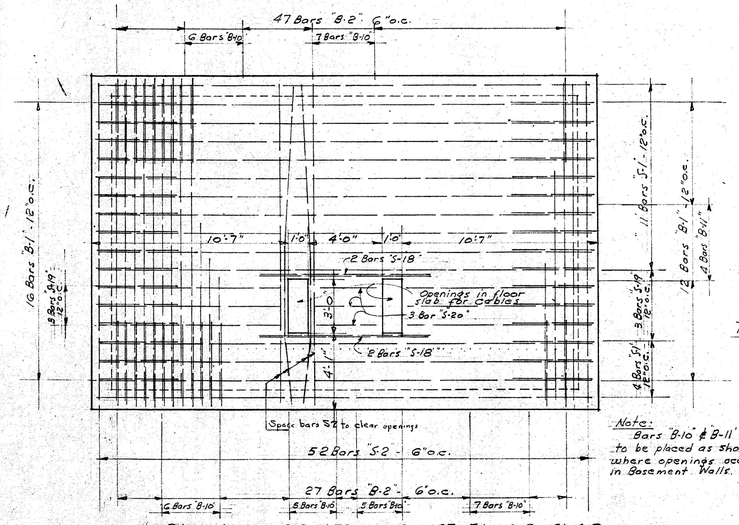
Approved: [signature], Sup't of Bridges & Buildings

Scale: As shown
Drawn By: K.E.M.
Checked By:
Struct. check: OK

Approved: [signature], Asst Chief Engineer

Approved: _____, Chief Engineer

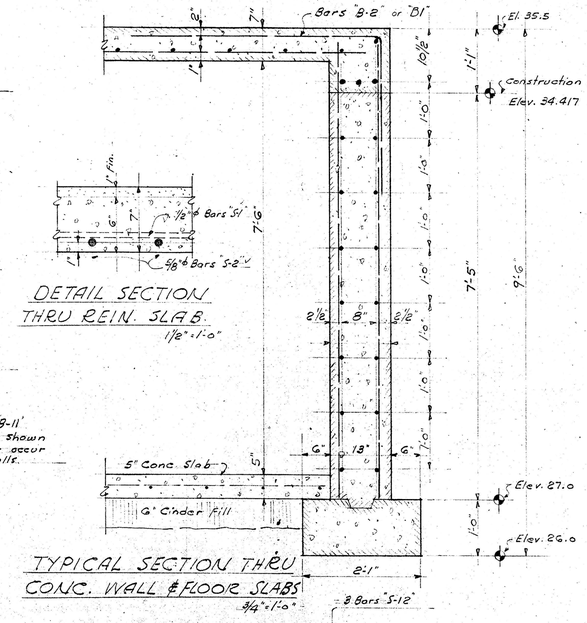
C-24-3



PLAN OF REINFORCED 1ST FLOOR SLAB

1/4" = 1'-0"

Note:
Bars "B-10" & B-11 to be placed as shown where openings occur in Basement Walls.

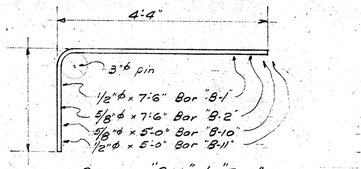


TYPICAL SECTION THRU CONC. WALL & FLOOR SLABS

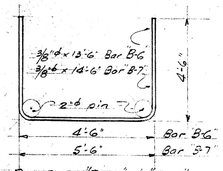
3/4" = 1'-0"

DETAIL SECTION THRU REIN. SLAB

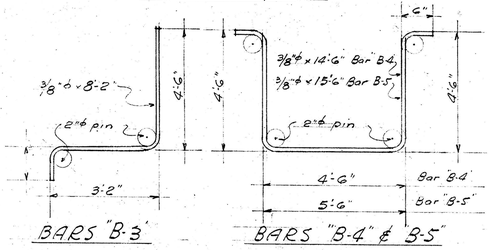
1½" = 1'-0"



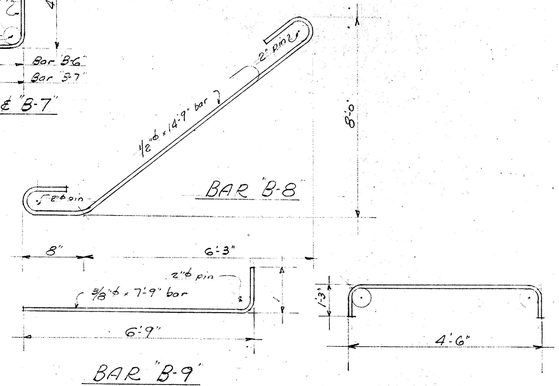
BARS "B-1" & "B-2"



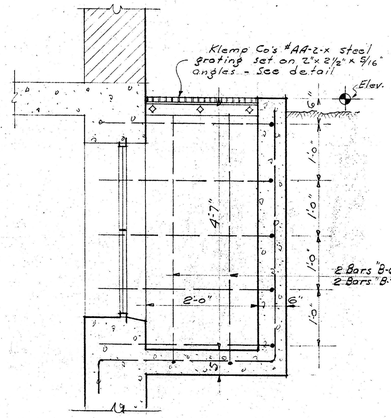
BARS "B-6" & "B-7"



BARS "B-3" BARS "B-4" & B-5



BAR "B-9"



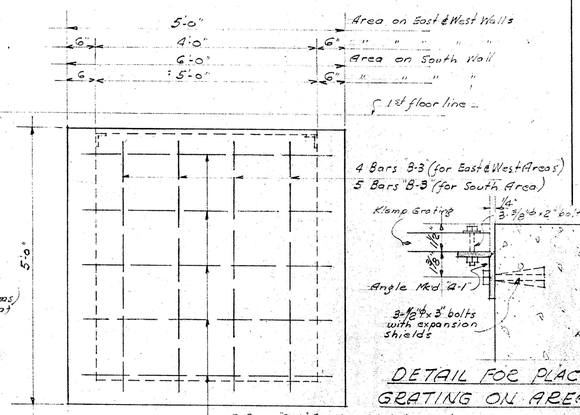
CROSS SECTION

1" = 1 1/2"



DETAIL OF ANGLE MK'D "A-1"

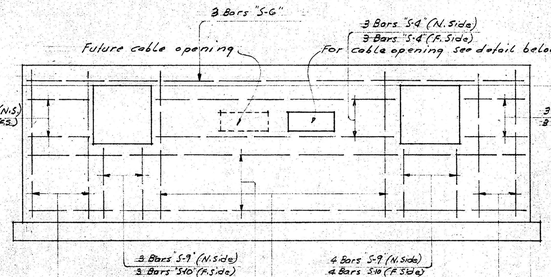
8 REQUIRED



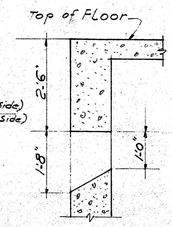
DETAIL FOR PLACING GRATING ON AREAS

ELEVATION

DETAIL OF CONCRETE AREAWAYS FOR BASEMENT WINDOWS

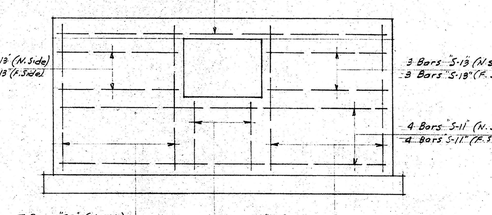


ELEV. OF WEST FOUND. WALL

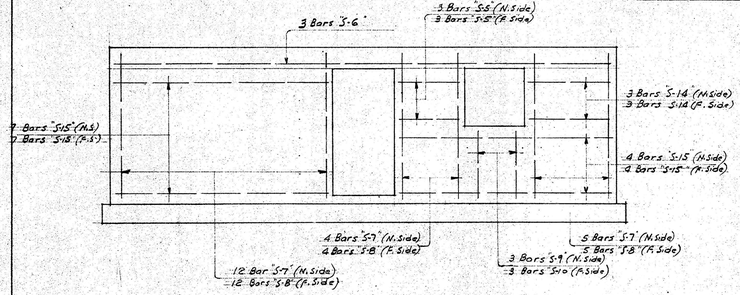


DETAIL of CABLE OPENING IN WEST FOUNDATION WALL

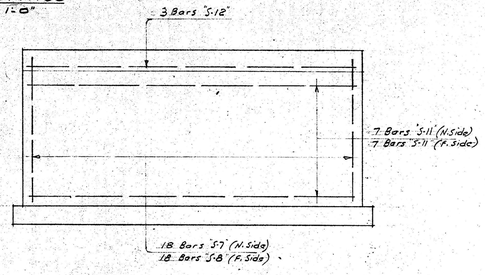
1/2" = 1'-0"



ELEV. OF SOUTH. FOUND. WALL



ELEV. OF EAST FOUND. WALL



ELEV. OF NORTH FOUND. WALL

SCHEDULE OF REINFORCING

No	Mk'd	Size	Shape	Location	Weight
28	B-1	½" ϕ x 7'-6"	Bent	1st Floor Slab	
74	B-2	⅝" ϕ x 7'-6"	"	" " "	
17	B-3	⅜" ϕ x 8'-2"	"	Bas'm't Wind. Areas	
15	B-4	⅜" ϕ x 14'-6"	"	" " "	
5	B-5	⅜" ϕ x 15'-6"	"	" " "	
6	B-6	⅜" ϕ x 13'-6"	"	" " "	
2	B-7	⅜" ϕ x 14'-6"	"	" " "	
7	B-8	½" ϕ x 14'-9"	"	Basement Stairs	
5	B-9	⅜" ϕ x 7'-9"	"	" "	
36	B-10	⅝" ϕ x 5'-0"	"	1st Floor Slab	
4	B-11	½" ϕ x 5'-0"	"		
18	S-1	½" ϕ x 26'-6"	Straight	1st Floor Slab	
58	S-2	⅝" ϕ x 17'-6"	"	" " "	
8	S-3	⅜" ϕ x 26'-6"	"	Foundation Walls	
6	S-4	⅜" ϕ x 13'-0"	"	" "	
18	S-5	⅜" ϕ x 3'-4"	"	" "	
6	S-6	⅝" ϕ x 26'-6"	"	" "	
73	S-7	½" ϕ x 8'-0"	"	" "	
73	S-8	⅜" ϕ x 8'-0"	"	" "	
14	S-9	½" ϕ x 3'-9"	"	" "	
14	S-10	⅜" ϕ x 3'-9"	"	" "	
25	S-11	⅜" ϕ x 17'-6"	"	" "	
6	S-12	⅝" ϕ x 17'-6"	"	" "	
12	S-13	⅜" ϕ x 6'-6"	"	" "	
6	S-14	⅜" ϕ x 6'-6"	"	" "	
22	S-15	⅜" ϕ x 11'-3"	"	" "	
35	S-16	¾" ϕ x 7'-0"	Bent-See detail	Basement Stairs	
9	S-17	⅜" ϕ x 16'-0"	Straight	" "	
4	S-18	½" ϕ x 9'-0"	"	Slab Bars at openings	
6	S-19	½" ϕ x 10'-0"	"	" "	
3	S-20	½" ϕ x 3'-6"	"	" "	

Scale: As shown
Drawn By: K.E.H.
Checked By: W.D.L.
Struct. check for design

(3) of (8)

A

P

A.F.E-56098

C. M. ST P & P R R

CHICAGO, ILL.

PACIFIC JUNCTION: INTERLOCKING TOWER

REINFORCING DETAILS

Chicago Oct. 15. 1941 Drawing No B-5212

correct: W.D. Lagrustum Architect

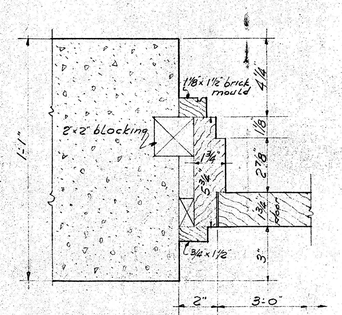
Approved: Supervisor of Bridges & Buildings

Approved: Asst. Chief Engineer

Approved: Chief Engineer

C-24-3

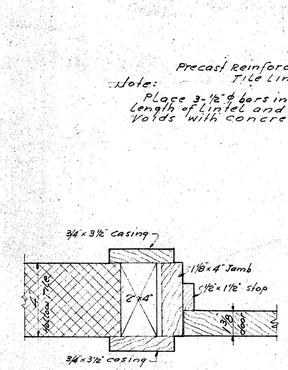
Revision	Date	By
Detail of Exterior door Sill of second Floor added	11.11.41	A.J.S.
Section THRU Toilet Room Partition Added	"	"



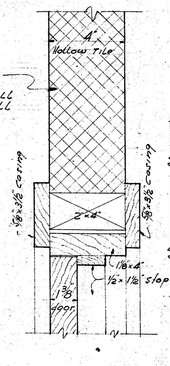
JAMB-HEAD SIMILAR

DETAIL of EXTERIOR BASEMENT DOOR MK'D. "D-3"

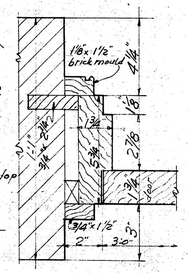
3"=1:0"



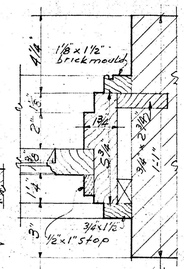
JAMB



HEAD



DOOR JAMB



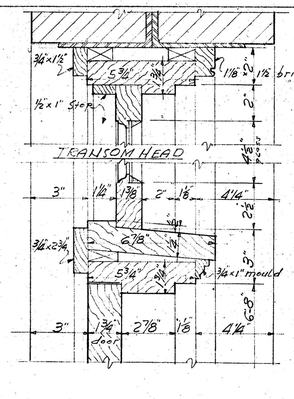
TRANSOM JAMB

DETAIL of INTERIOR DOORS MK'D. "D-4 TO D-7" INCL.

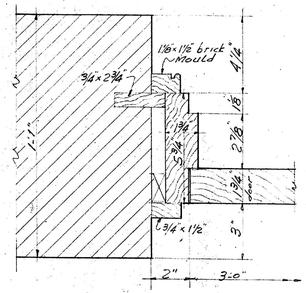
3"=1:0"

DETAIL of EXTERIOR DOOR & TRANSOM AT SECOND FLOOR MK'D. "D-1"

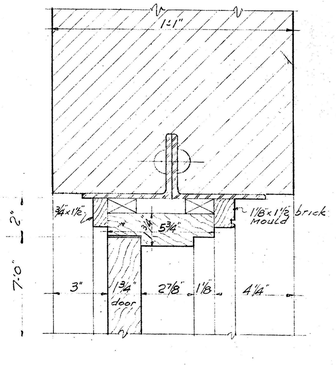
3"=1:0"



TRANSOM BAR



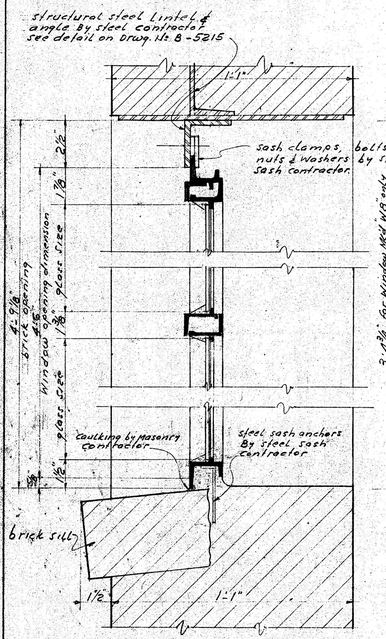
JAMB



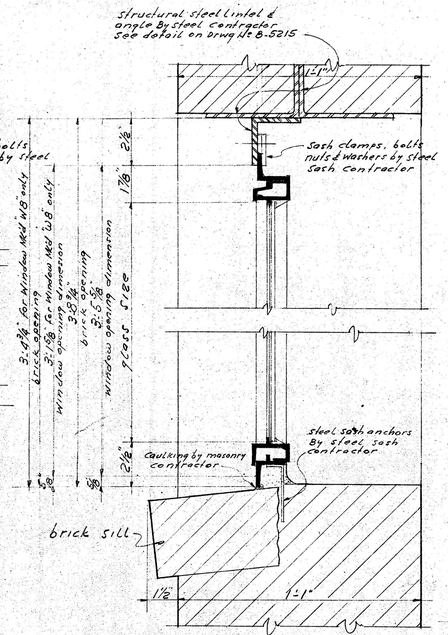
HEAD

DETAIL of EXTERIOR DOOR AT 1ST FLOOR MK'D "D-2"

3"=1:0"



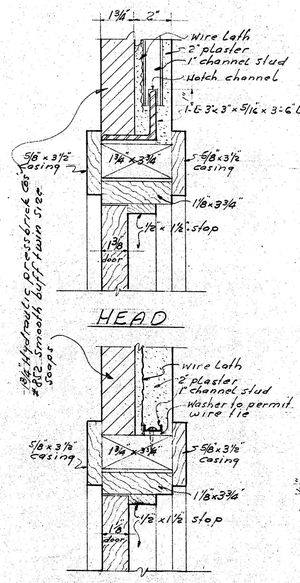
SECTION



SECTION

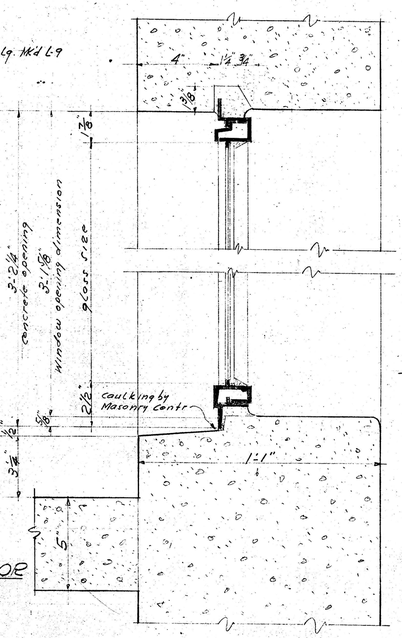
DETAIL of STEEL WINDOWS MK'D W-1 & W-2

DETAIL of STEEL WINDOWS MK. "W-3, W-4 & W8" WINDOW MK'D W-5" SIMILAR EXCEPT NOT PIVOTED

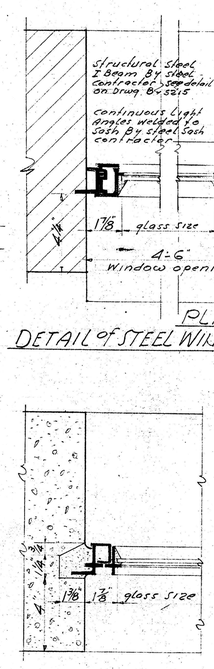


DETAIL of TOILET ROOM DOOR MK'D. "D-8"

3"=1:0"

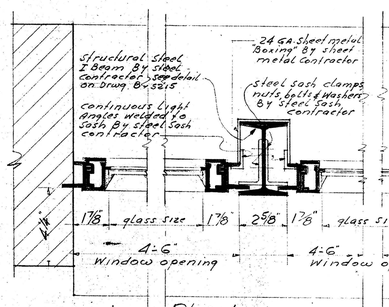


SECTION



PLAN

DETAIL of STEEL WINDOWS MK'D "W6" & "W-7"



PLAN

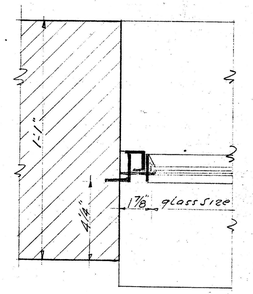
DETAIL of STEEL WINDOW MK"D W-1"

3"=1:0

PLAN

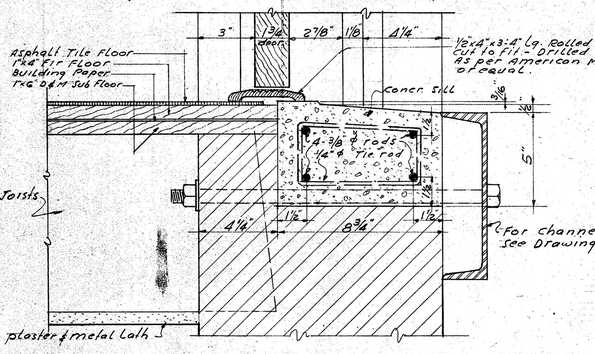
DETAIL of STEEL WINDOW MK"D W-2"

3"=1:0



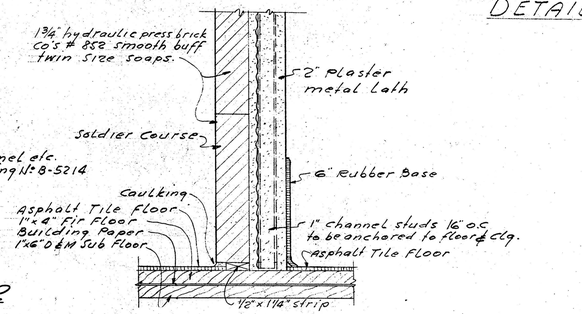
PLAN

DETAIL of STEEL WINDOWS MK'D "W-3, W-4 & W-8" WINDOW MK'D "W-5" SIMILAR, EXCEPT NOT PIVOTED



DETAIL of EXTERIOR DOOR SILL AT SECOND FLOOR

3"=1:0"



SECTION THRU TOILET ROOM PARTITION

3"=1:0"

4 of 8

A.

R

A.F.E. 56098

C. M. ST. P. & P. R. R.

CHICAGO, ILL.

PACIFIC JUNCTION - INTERLOCKING TOWER

WINDOW & DOOR DETAILS

Chicago, Oct. 15. 1941. Drawing Nº B-5213

correct: A.O.L. Architect

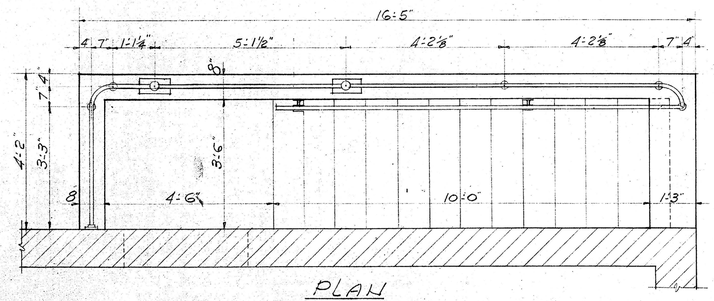
Approved: Supt. of Bridges & Buildings

Scale: As shown
Drawn By: A.J.S.
Checked By
Struct. Check

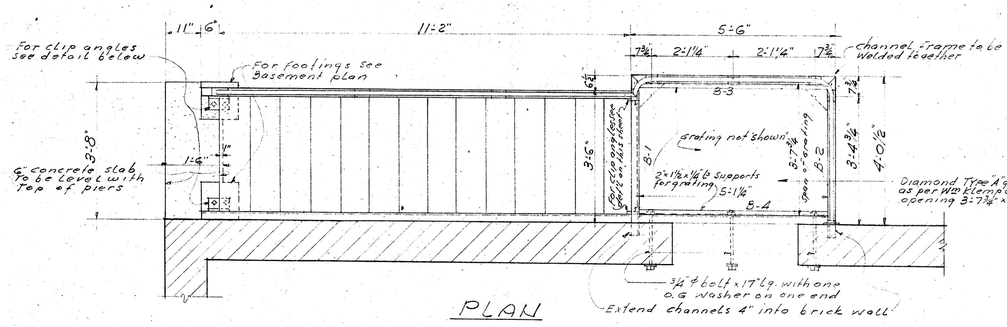
Approved: Asst. Chief Engineer

Approved: Chief Engineer

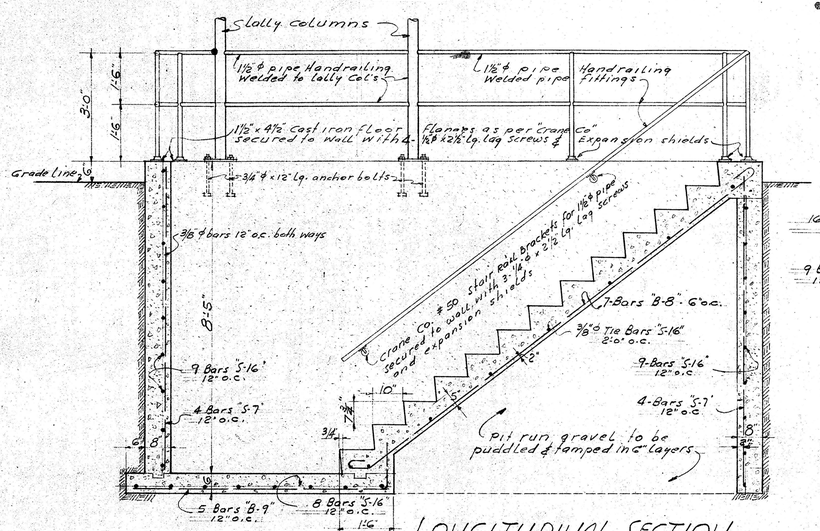
C-24-3



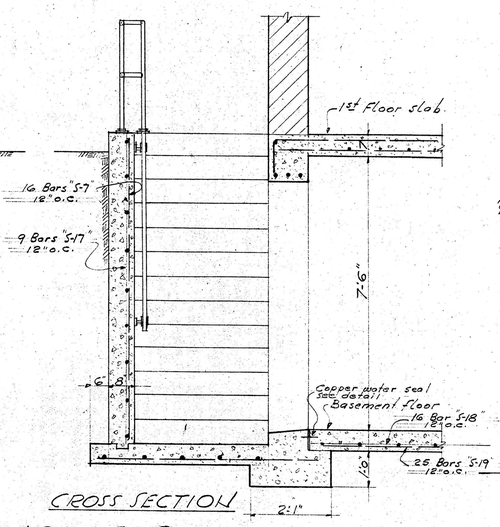
PLAN



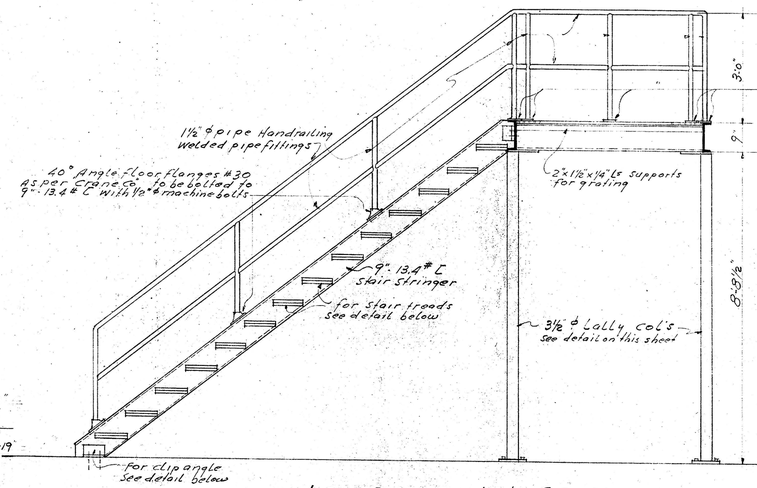
PLAN



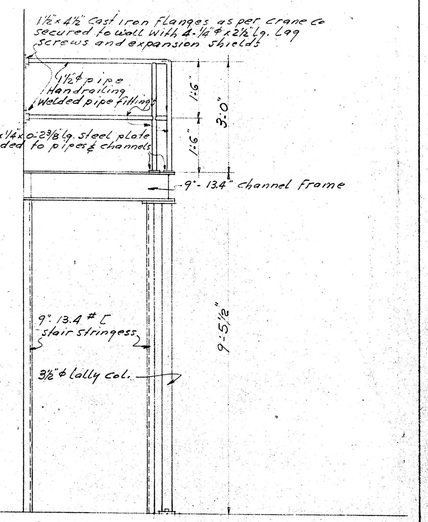
LONGITUDINAL SECTION



CROSS SECTION



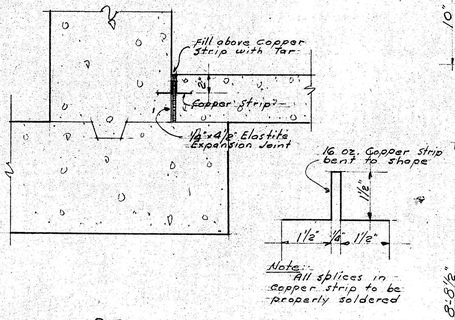
LONGITUDINAL SECTION



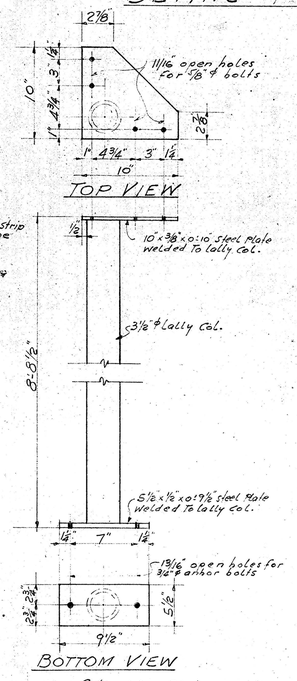
SIDE ELEVATION

DETAIL of CONCRETE STAIR

½" = 1'-0"

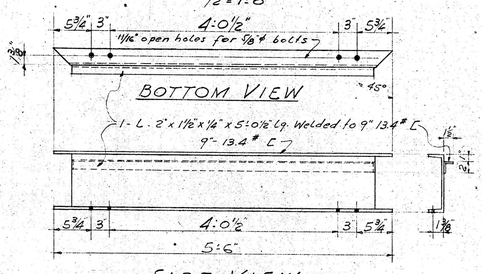


DETAIL of COPPER STRIP WATER PROOFING BETWEEN FOUNDATION & FLOOR SLAB

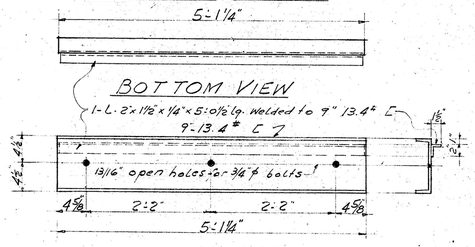


DETAIL of LALLY COLUMN

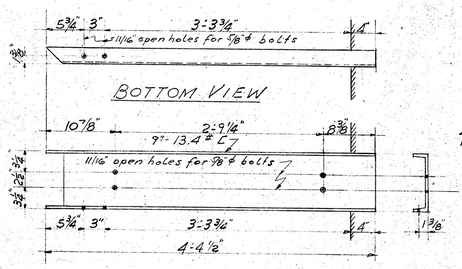
1½" = 1'-0"



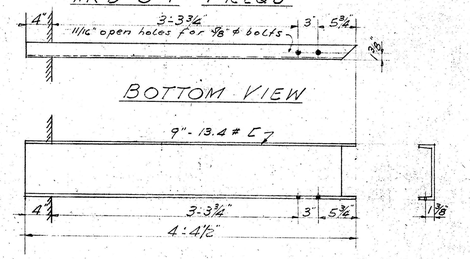
DETAIL of CHANNEL FRAME MEMBER MK'D "B-3" 1- REQ'D



DETAIL of CHANNEL FRAME MEMBER MK'D "B-4" 1- REQ'D



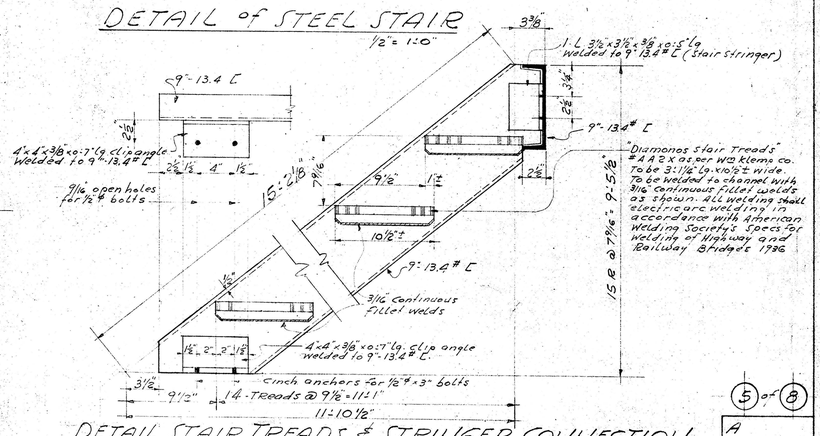
DETAIL of CHANNEL FRAME MEMBER MK'D "B-1" 1- REQ'D



DETAIL of CHANNEL FRAME MEMBER MK'D "B-2" 1- REQ'D

DETAIL of STEEL STAIR

½" = 1'-0"



DETAIL STAIR TREADS & STRINGER CONNECTION

1½" = 1'-0"

A.F.E. 56098

5 of 8

A

P

C. M. ST. P. & P. R. R.

CHICAGO, ILL.

PACIFIC JUNCTION - INTERLOCKING TOWER

DETAILS of STAIRS

Chicago, Oct. 15, 1941 Drawing No B-5214

Correct: Approved:

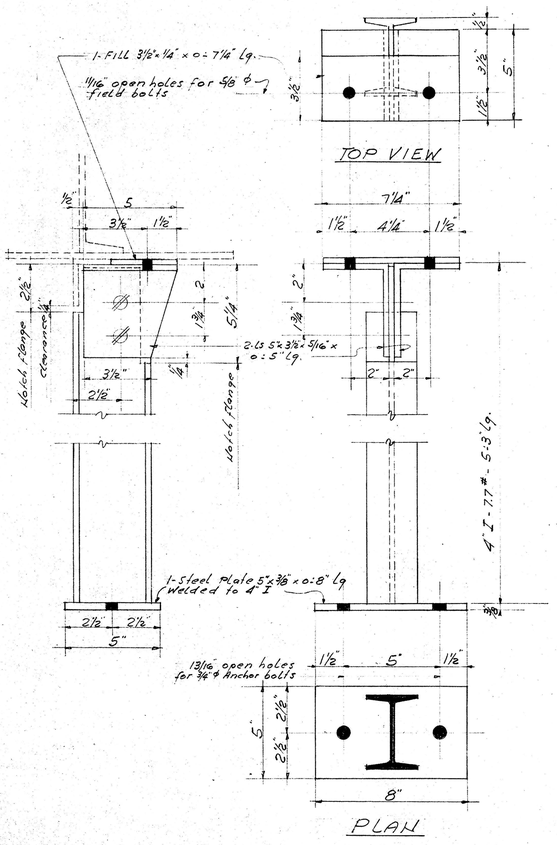
Architect Supt. Bridges & Buildings

Approved: Approved:

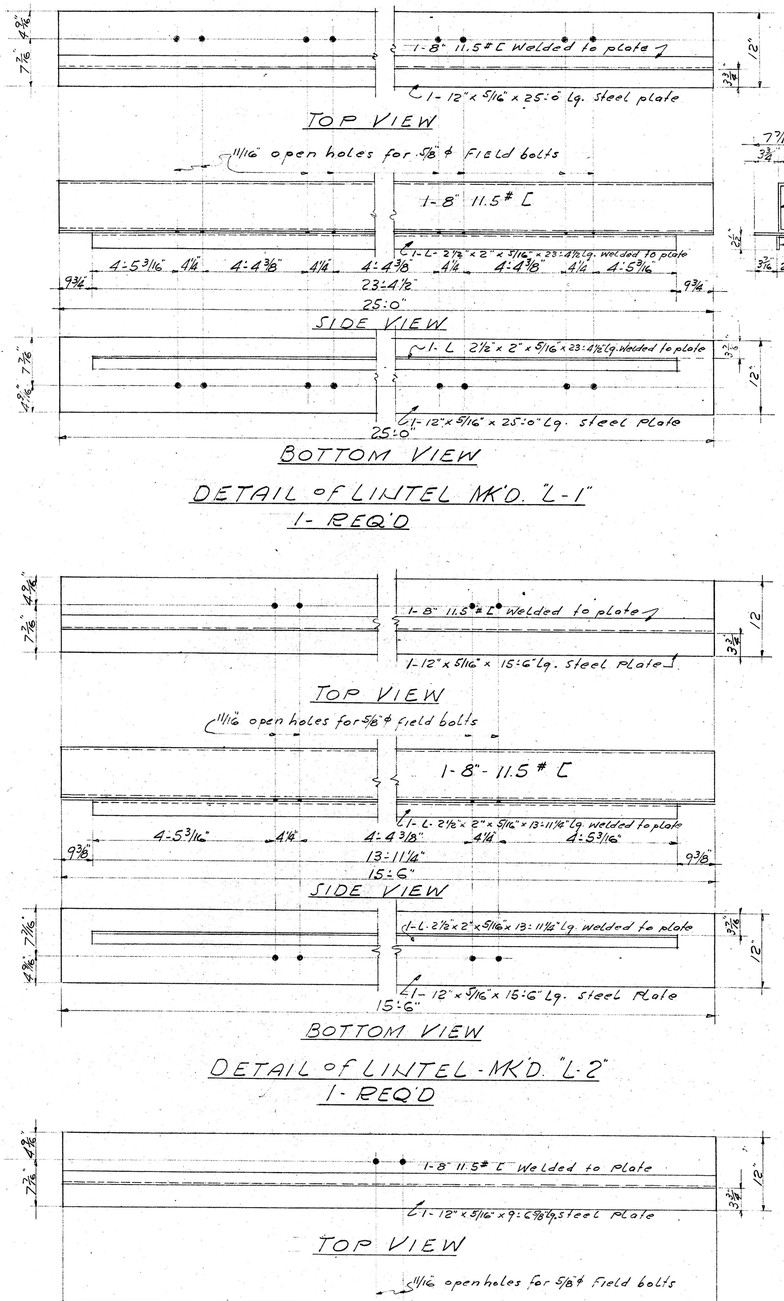
Asst. Chief Engineer Chief Engineer

Scale: As shown
Drawn By: A.J.S
Checked By: [illegible]
Struct. Check: [illegible]

C-24-3

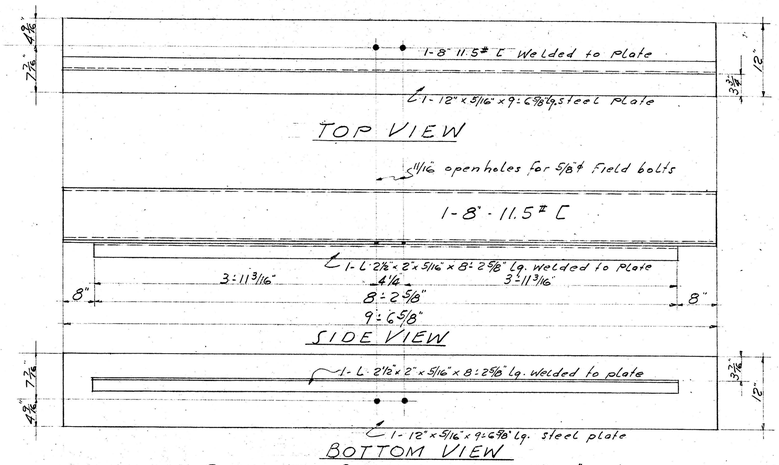


DETAIL of WINDOW MULLIONS
FOR WINDOWS MK'D "W1, "W2" & "W3"
7-REQ'D

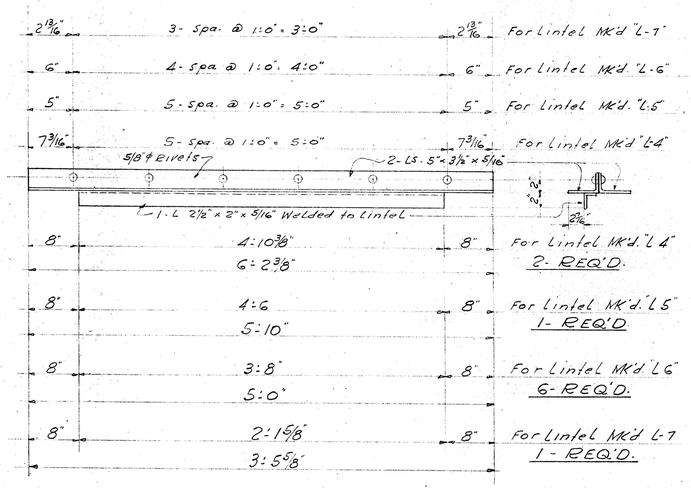


DETAIL of LINTEL MK'D. "L-1"
1-REQ'D

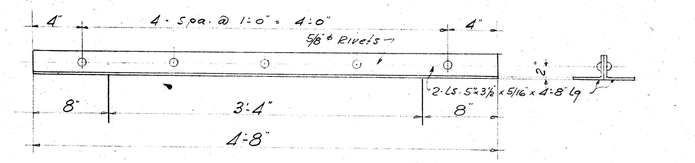
DETAIL of LINTEL-MK'D. "L-2"
1-REQ'D



DETAIL of LINTEL MK'D. "L3"
1-REQ'D



DETAIL of LINTELS MK'D. "L4, "L5, "L6 & "L7



DETAIL of LINTELS MK'D. "L8"
2-REQ'D

A
P

A.F.E-56098

C. M. ST P & P. R. R.

CHICAGO, ILL.
PACIFIC JUNCTION-INTERLOCKING TOWER
STEEL DETAILS

Chicago Oct. 15. 1941. Drawing No B-5215

Correct: A.D. Lagerstrom Architect

Approved: Supt. of Bridges & Buildings

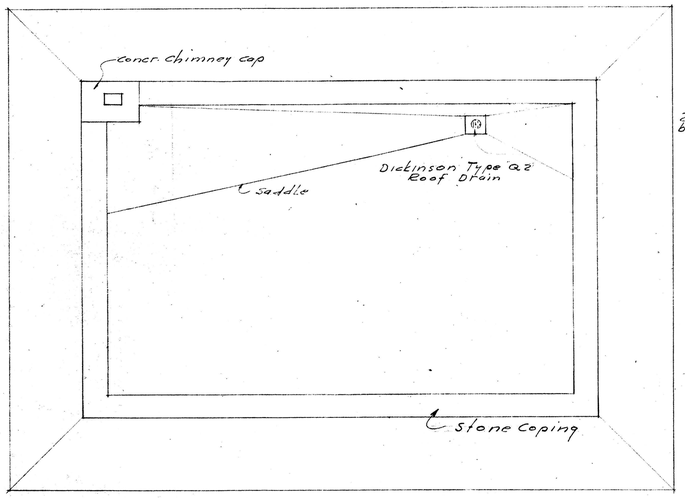
Approved: Asst. Chief Engineer

Approved: Chief Engineer

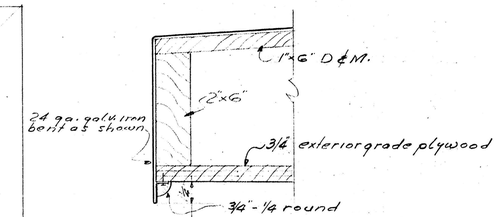
Scale: As shown
Drawn By: A.F.S
Checked By: W.P.
Struct. check. [illegible]

C-24-3

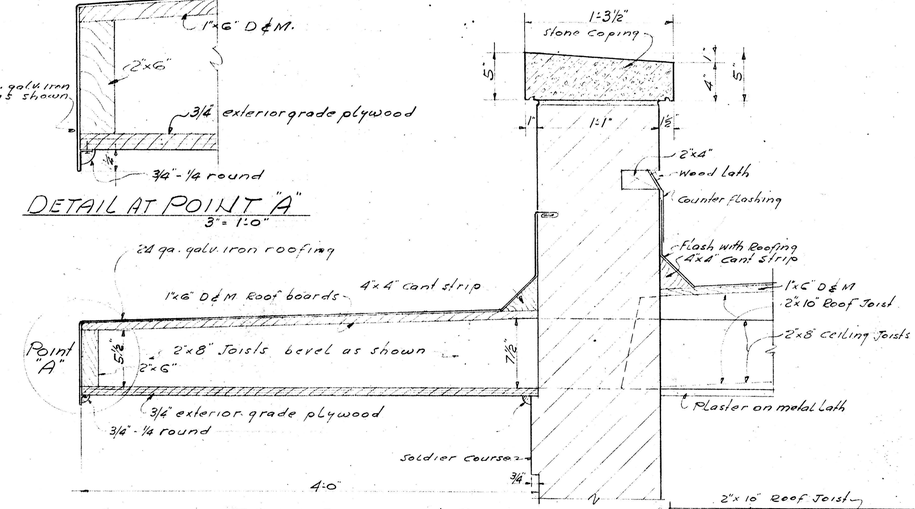
Revision	Date	BY
Detail of Wall & Floor Connections on Second Floor changed	11.11.41	A.J.S.
cross section of battery shelves changed	12.11.41	A.J.S.



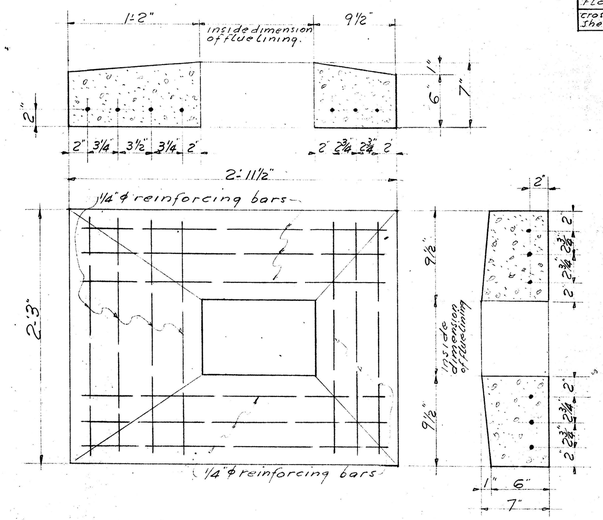
ROOF PLAN
1/4" = 1:0"



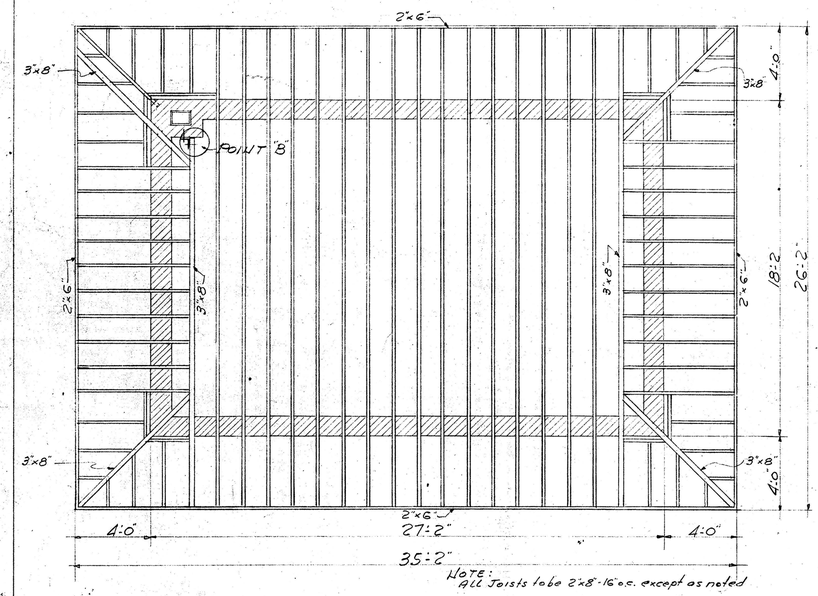
DETAIL AT POINT "A"
3" = 1:0"



SECTION THRU CANOPY & PARAPET WALL
1½" = 1:0"

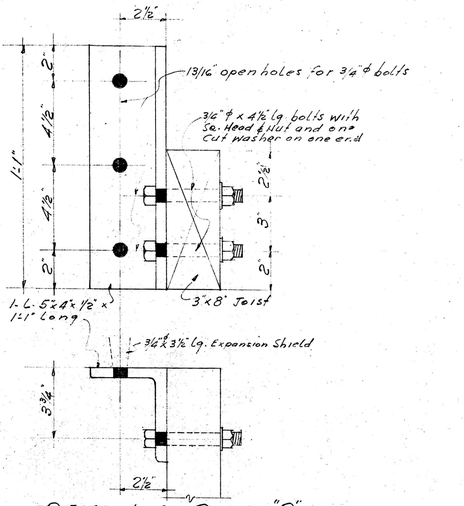


DETAIL of CONCRETE CHIMNEY CAP
1½" = 1:0"

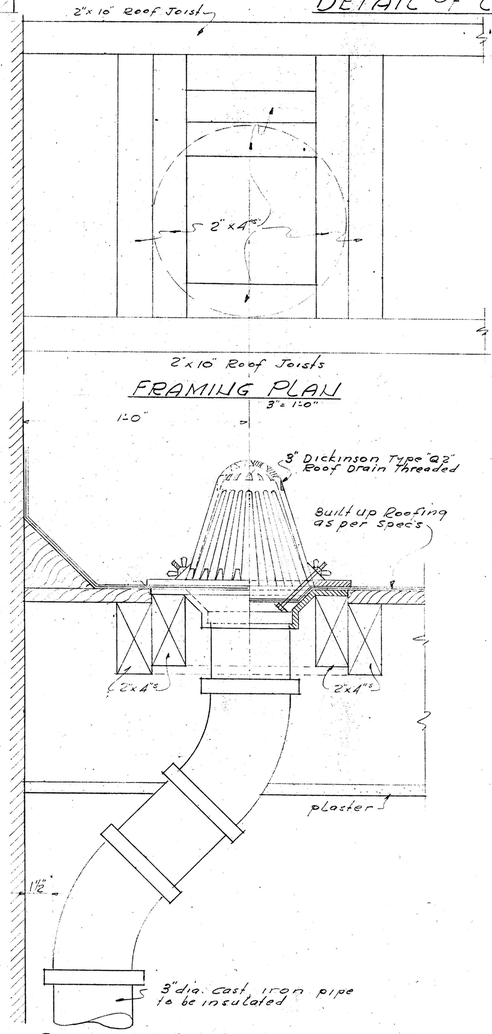


NOTE: All Joists to be 2"x8"-16" o.c. except as noted

SECOND FLOOR CEILING FRAMING PLAN
1/4" = 1:0"

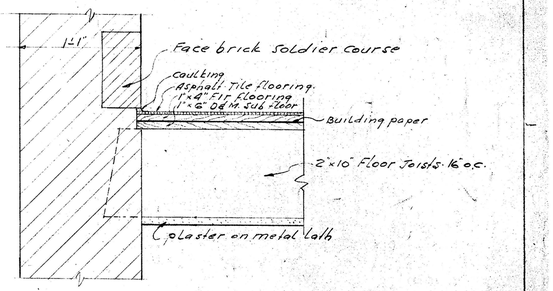


DETAIL AT POINT "B"
3" = 1:0"

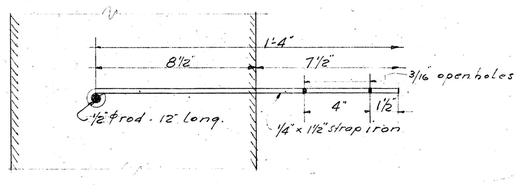


FRAMING PLAN
3" = 1:0"

DETAIL of DICKINSON TYPE "Q.2" ROOF DRAIN
3" = 1:0"

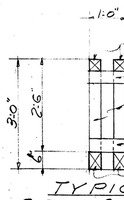


DETAIL of WALL & FLOOR CONNECTIONS ON SECOND FLOOR
1½" = 1:0"

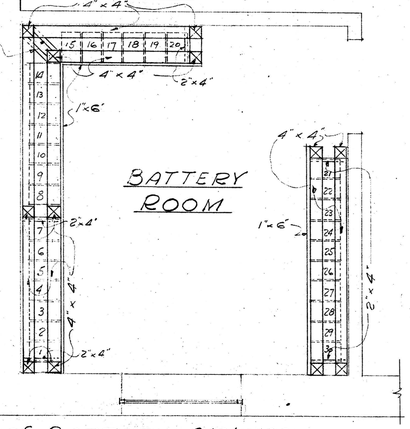


DETAIL of JOIST ANCHORS
3" = 1:0"
24 - REQ'D.

Note: Joist anchors to be placed at every 4th joist.



TYPICAL CROSS SECTION



DETAIL of BATTERY SHELVES
½" = 1:0"

(7) to (8)

A

P

A.F.E. 56098

C. M. ST P & P R. R.

CHICAGO, ILL.

PACIFIC JUNCTION - INTERLOCKING TOWER.

ROOF PLAN, CEILING FRAMING PLAN & DETAILS

Chicago oct. 15. 1941 Drawing No B-5216

Correct: A.D. Lafferty Architect

Approved: Supt. of Bridges & Buildings

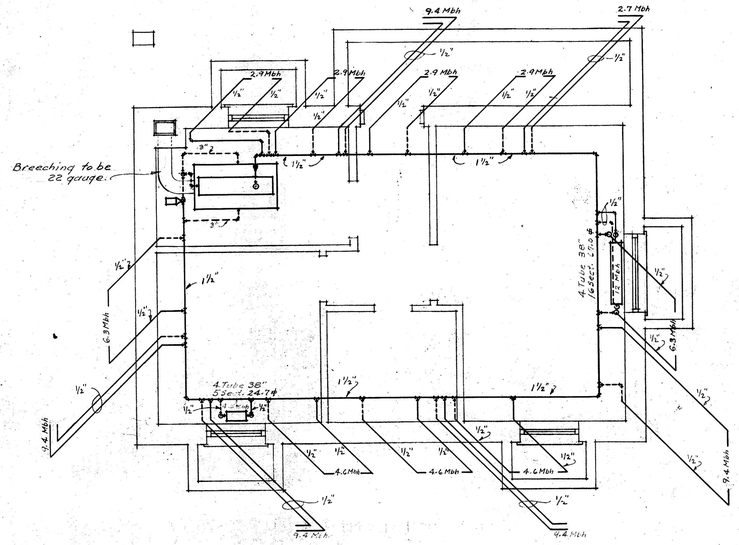
Approved: Asst Chief Engineer

Chief Engineer

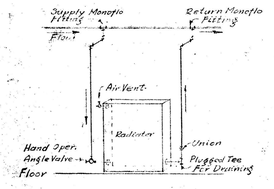
Scale: As shown
Drawn By: A.J.S.
Checked By: [illegible]
Struct. check. [illegible]

C-24-3

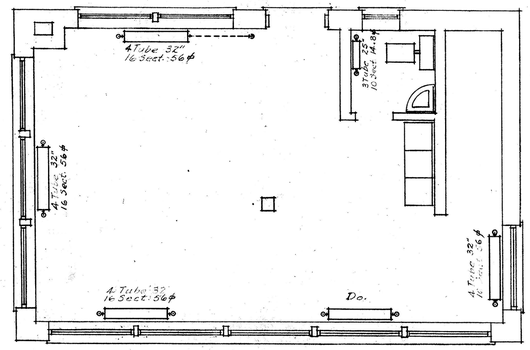
Revisions	Date	By
Heat emission changed in radiators on 2nd Floor from 524 to 564 Note about gauge of breeching added.	1-2942	A.J.D.



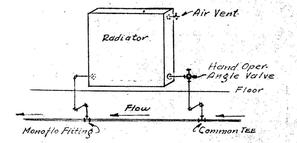
BASEMENT PLAN
1/4" = 1'-0"



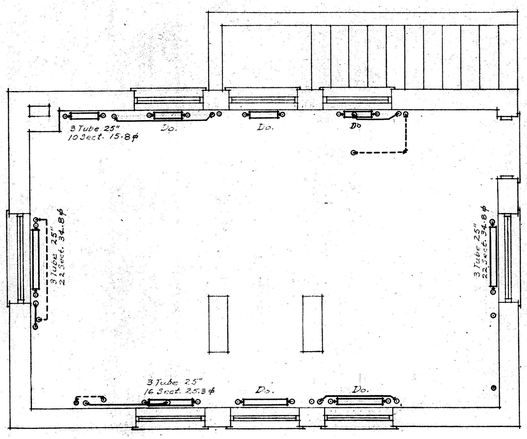
SCHEMATIC SKETCH SHOWING DOWNFEED PIPING CONNECTIONS TO RADIATORS.
Not To Scale.



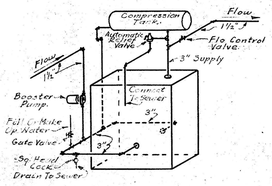
SECOND FLOOR PLAN.
1/4" = 1'-0"



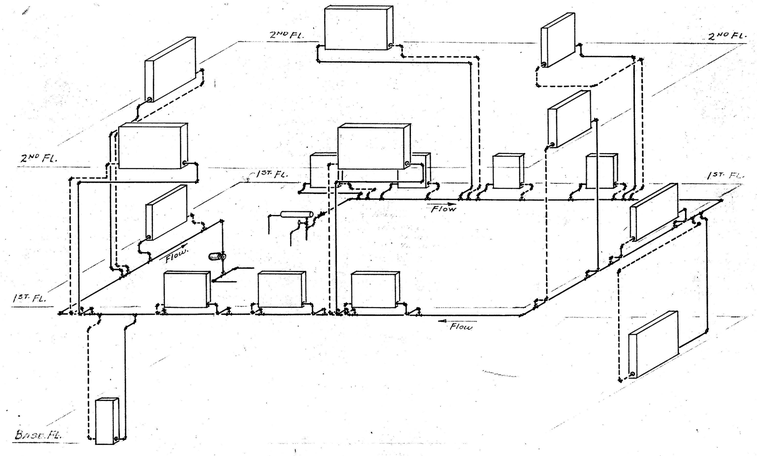
SCHEMATIC SKETCH SHOWING UPFEED PIPING CONNECTIONS TO RADIATORS
Not To Scale.



FIRST FLOOR PLAN
1/4" = 1'-0"



SCHEMATIC PIPING DETAIL AT BOILER.
Not To Scale



SCHEMATIC PIPING DETAIL OF ENTIRE SYSTEM FROM & TO BOILER
Not To Scale.

8 of 8

A.F.E. 56098

A.
P.

C. M. ST. P. & P. R. R.

CHICAGO, ILL.

PACIFIC JUNCTION-INTERLOCKING TOWER HEATING LAYOUT

Chicago Oct. 15 1941 Drawing No B-5217

Correct: W. D. Lafrinture Architect

Approved: [signature] Supt. of Bridges & Buildings

Approved: [signature] Asst. Chief Engineer

Approved [signature] Chief Engineer

Scale - As Shown
Drawn By - A.J.D.
Checked By - W.J.L.
Struct. Check. -

C-24-3