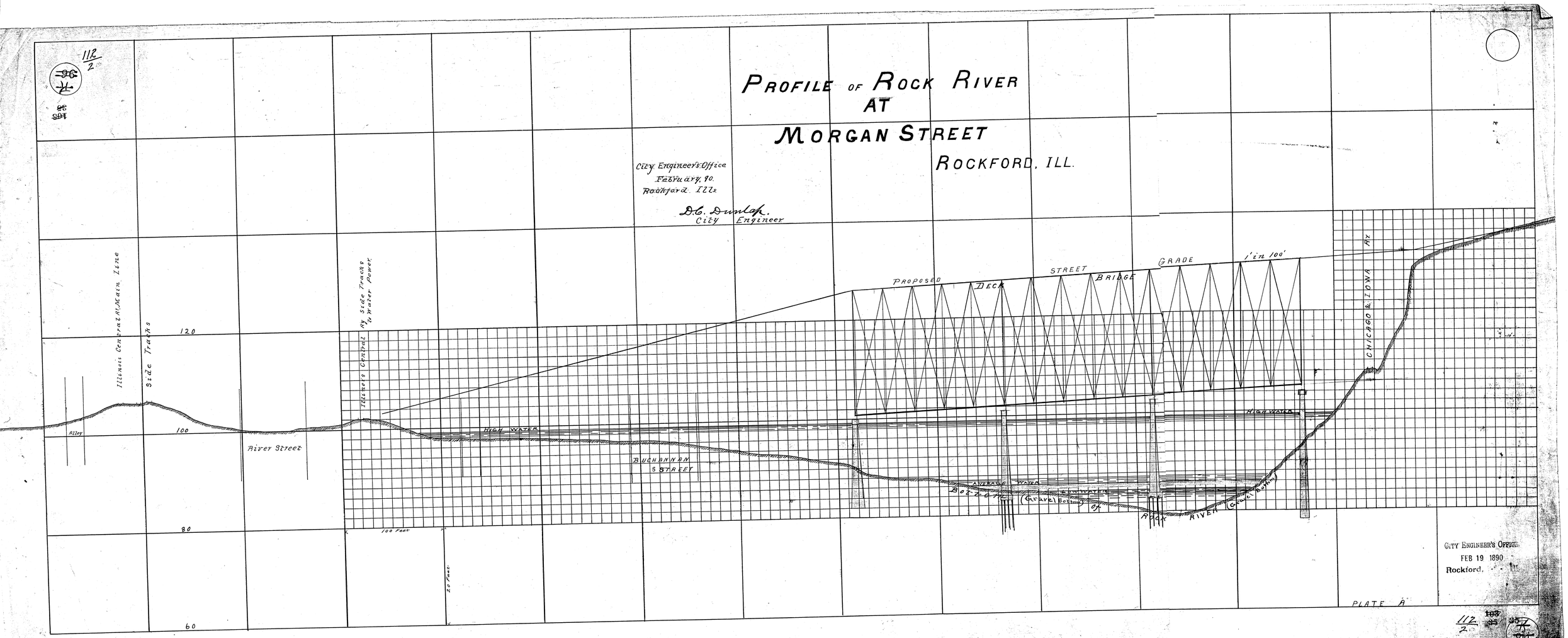
PROFILE OF ROCK RIVER AT MORGAN STREET ROCKFORD, ILL.

City Engineer's Office
February, 10.
Rockford. Ills.

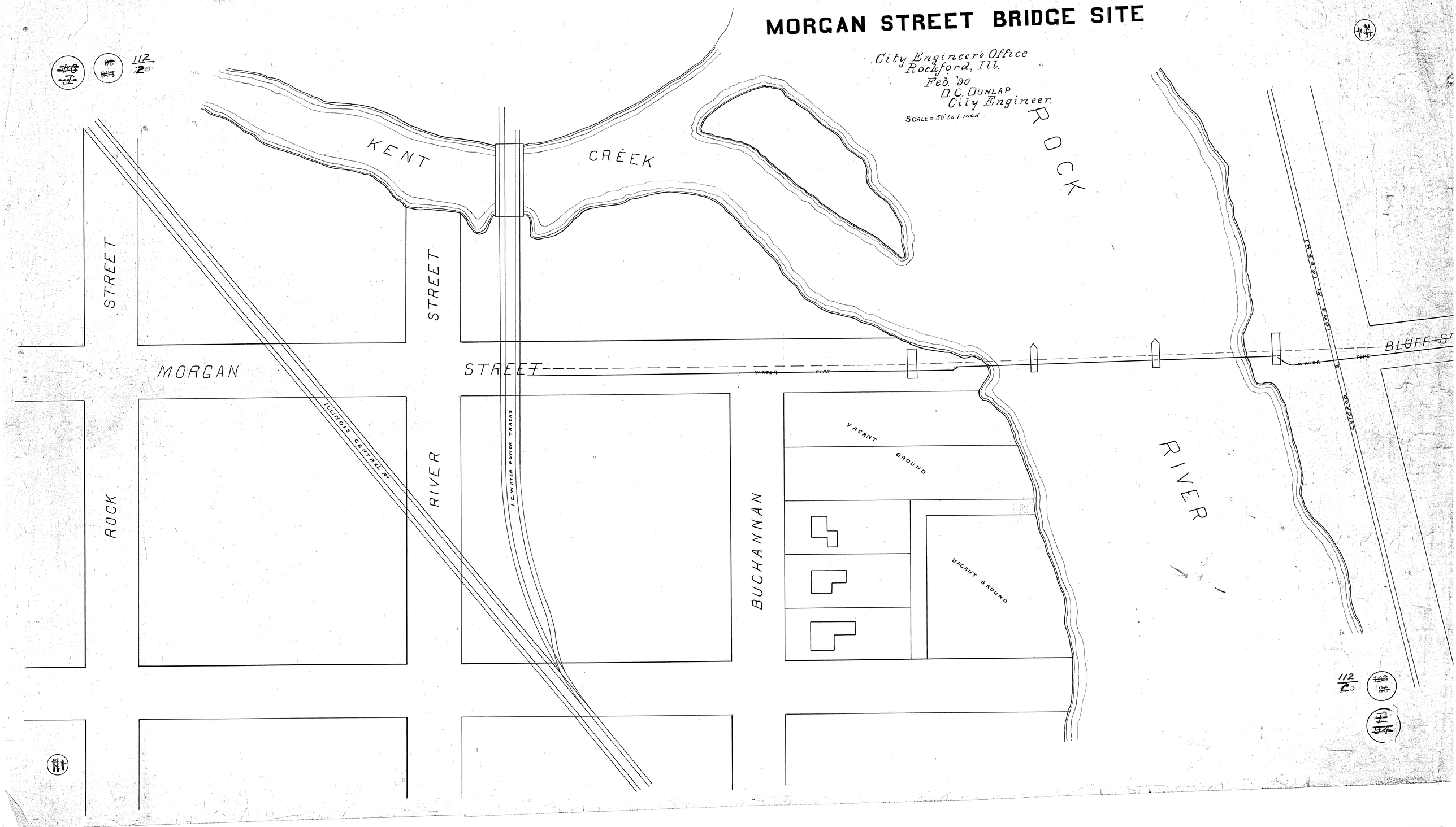
D. C. Dunlap.
City Engineer



MORGAN STREET BRIDGE SITE

City Engineer's Office
Rockford, Ill.
Feb. '90
D. C. DUNLAP
City Engineer.

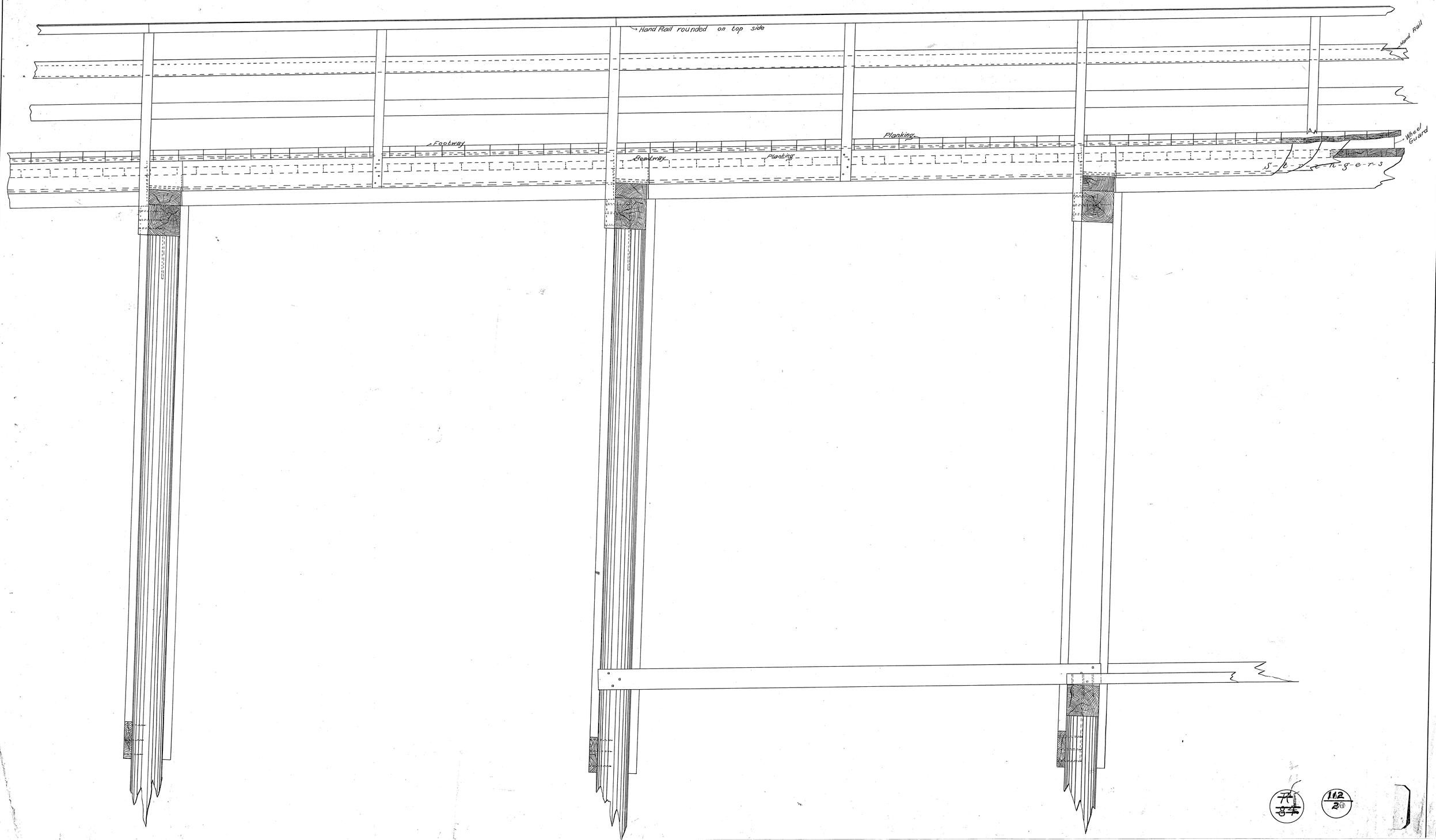
SCALE = 50' to 1 INCH



Side Elevation of Trestle and Pile Approach to Morgan St Bridge

Scale 3/16 in. = 1 ft.

D.C. Dunlap,
City Engineer.



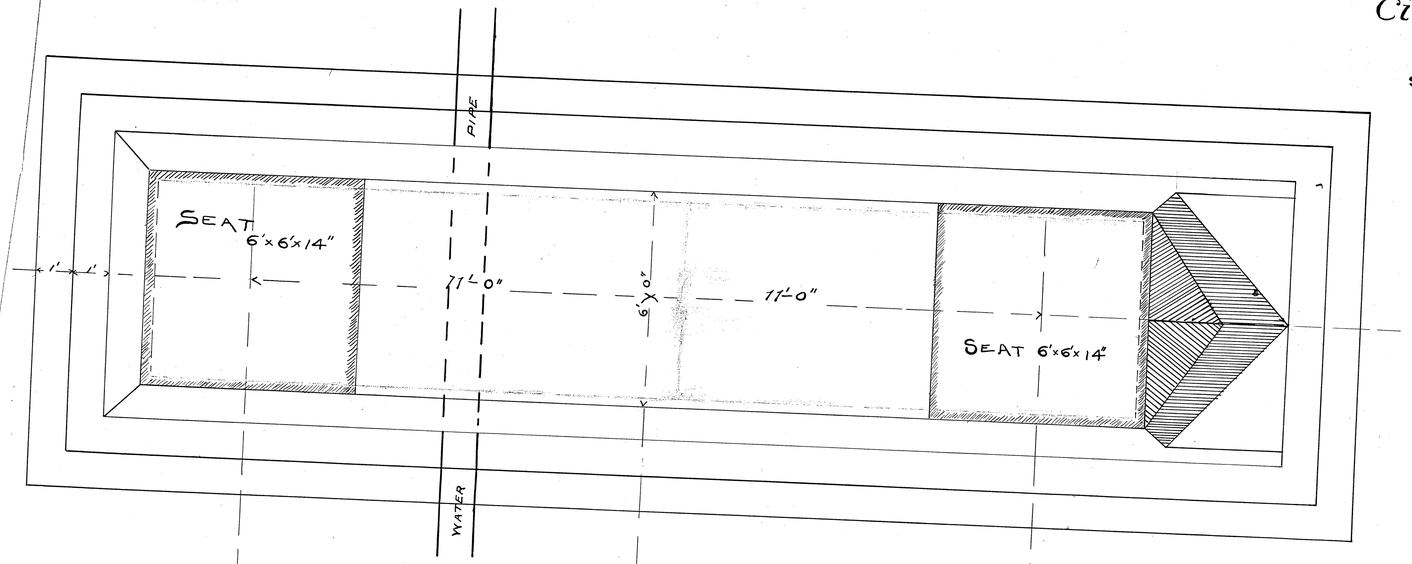
MORGAN ST BRIDGE

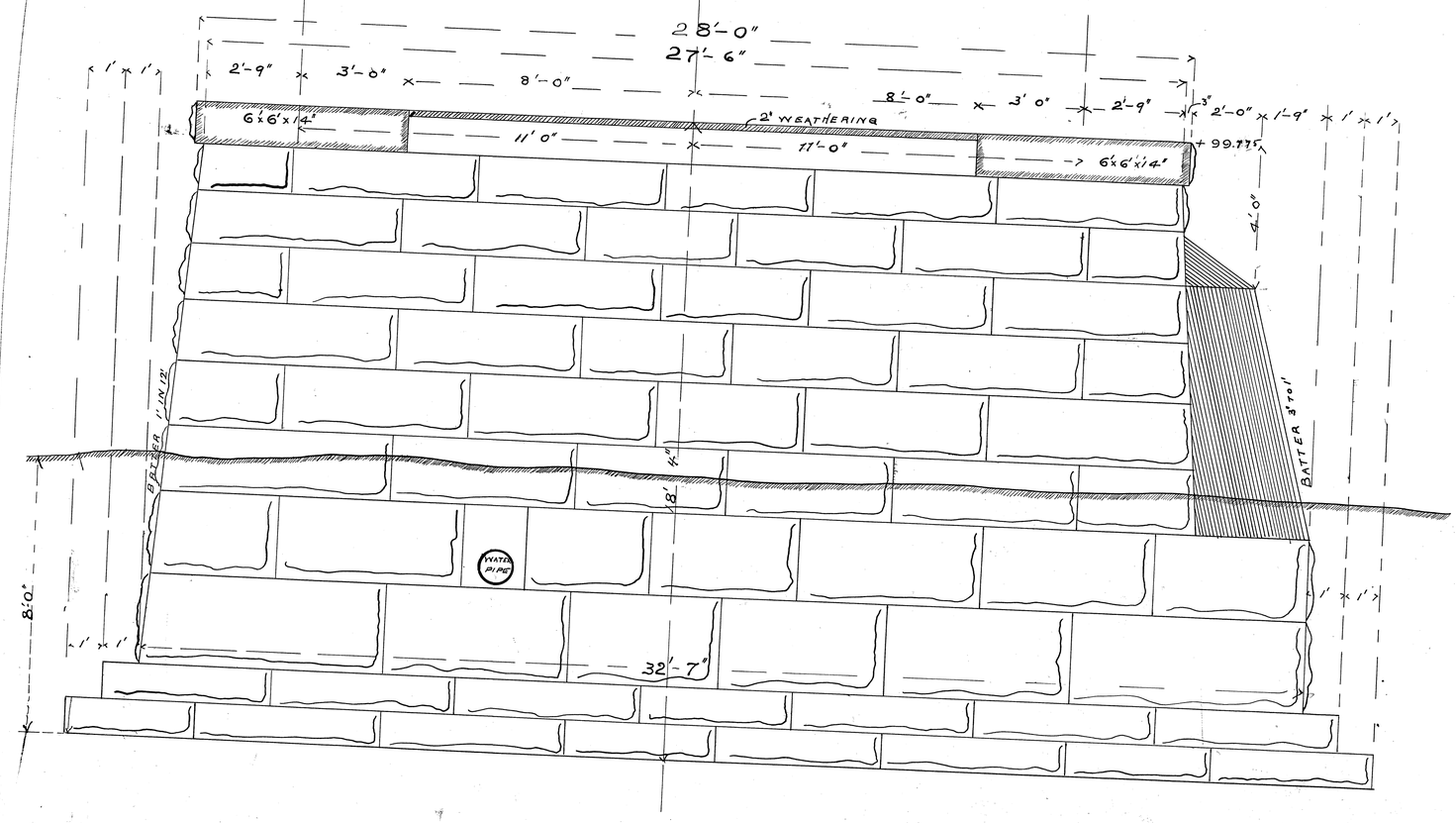
PIER No 1

City Engineer's Office February 1890
Rockford Ill

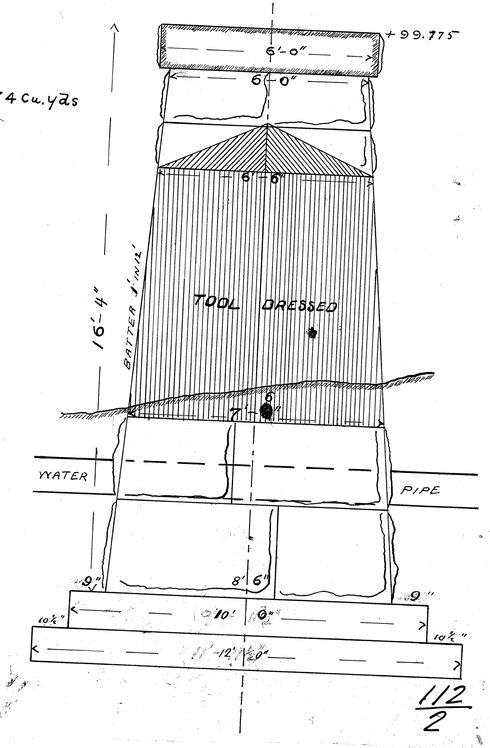
SCALE ½"=1'
E.B.K. DEL

D.C. Dunlap
City Engineer





MASONRY 174 cu. yds



112
2

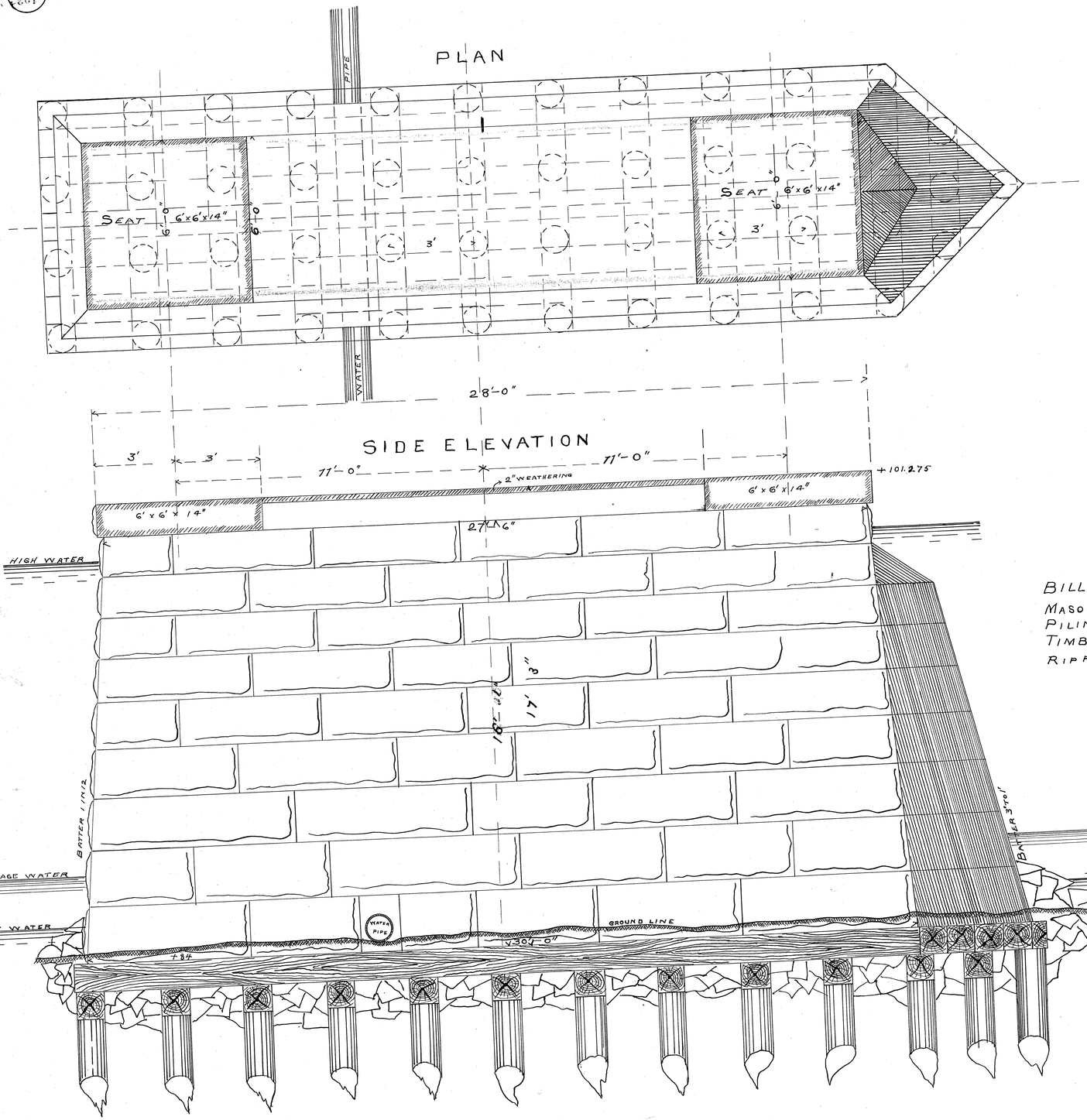
MORGAN ST BRIDGE

PIER No 2

City Engineer's Office February, 1890.
Rockford, Ill.

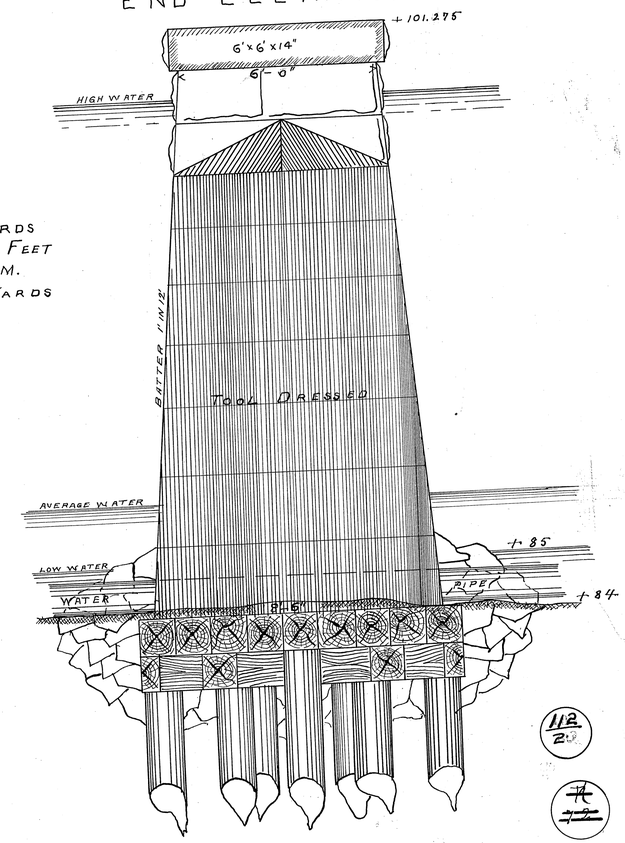
D.C. Dunlap,
City Engineer.

SCALE ½" = 1'
E.B.K. DEL



BILL OF MATERIAL

MASONRY	127	CUBIC YARDS
PILING	980	LINEAL FEET
TIMBER	5300	FEET B.M.
RIPRAP	167	CUBIC YARDS



112/2

112/2

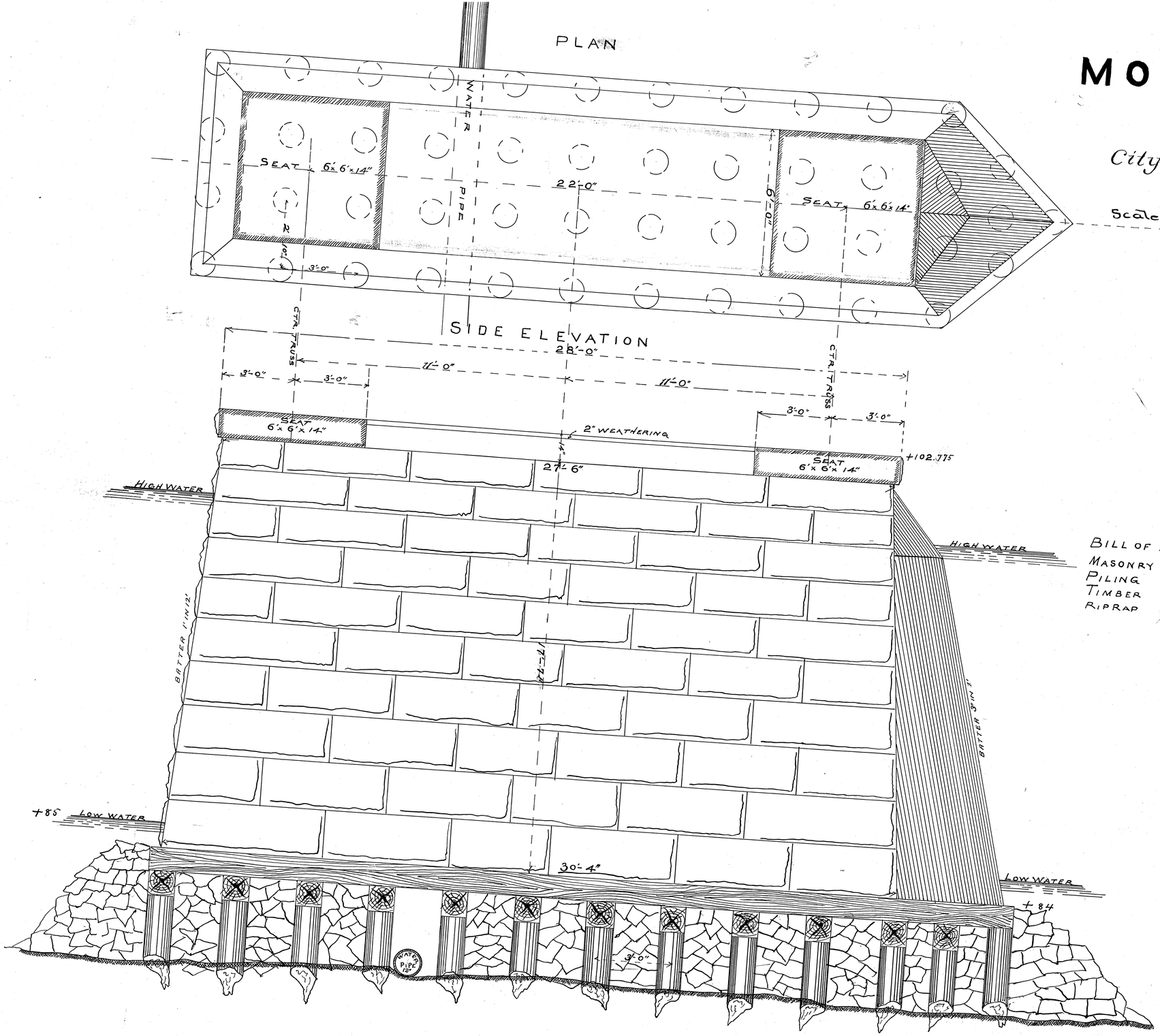
112/2

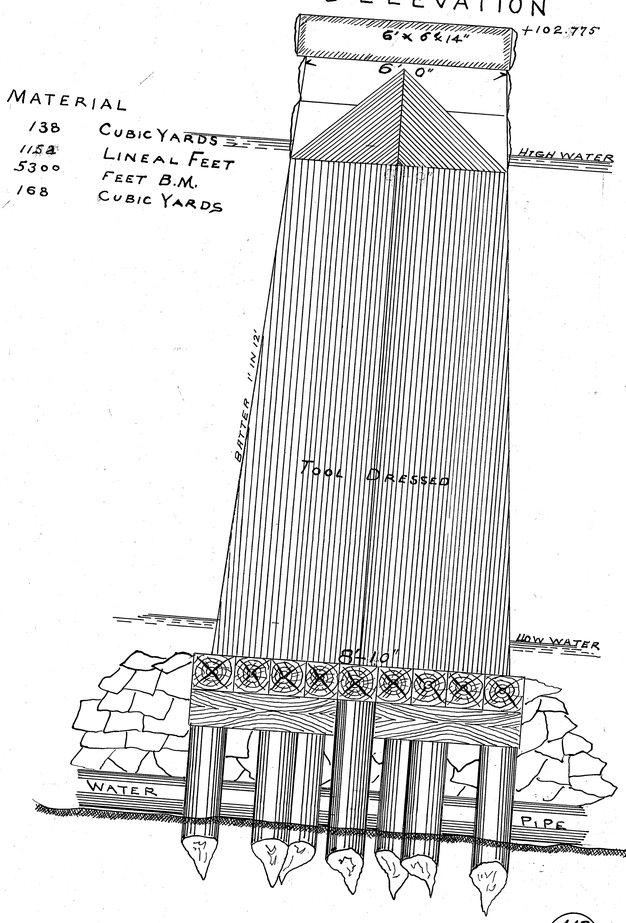
MORGAN ST. BRIDGE
PIER No 3

City Engineer's Office February 1890.
Rockford, Ill

Scale 1/2"=1'

D.C. Dunlap
CITY ENGINEER





BILL OF MATERIAL

MASONRY	138	CUBIC YARDS
PILING	1152	LINEAL FEET
TIMBER	5300	FEET B.M.
RIPRAP	168	CUBIC YARDS

1.12
2

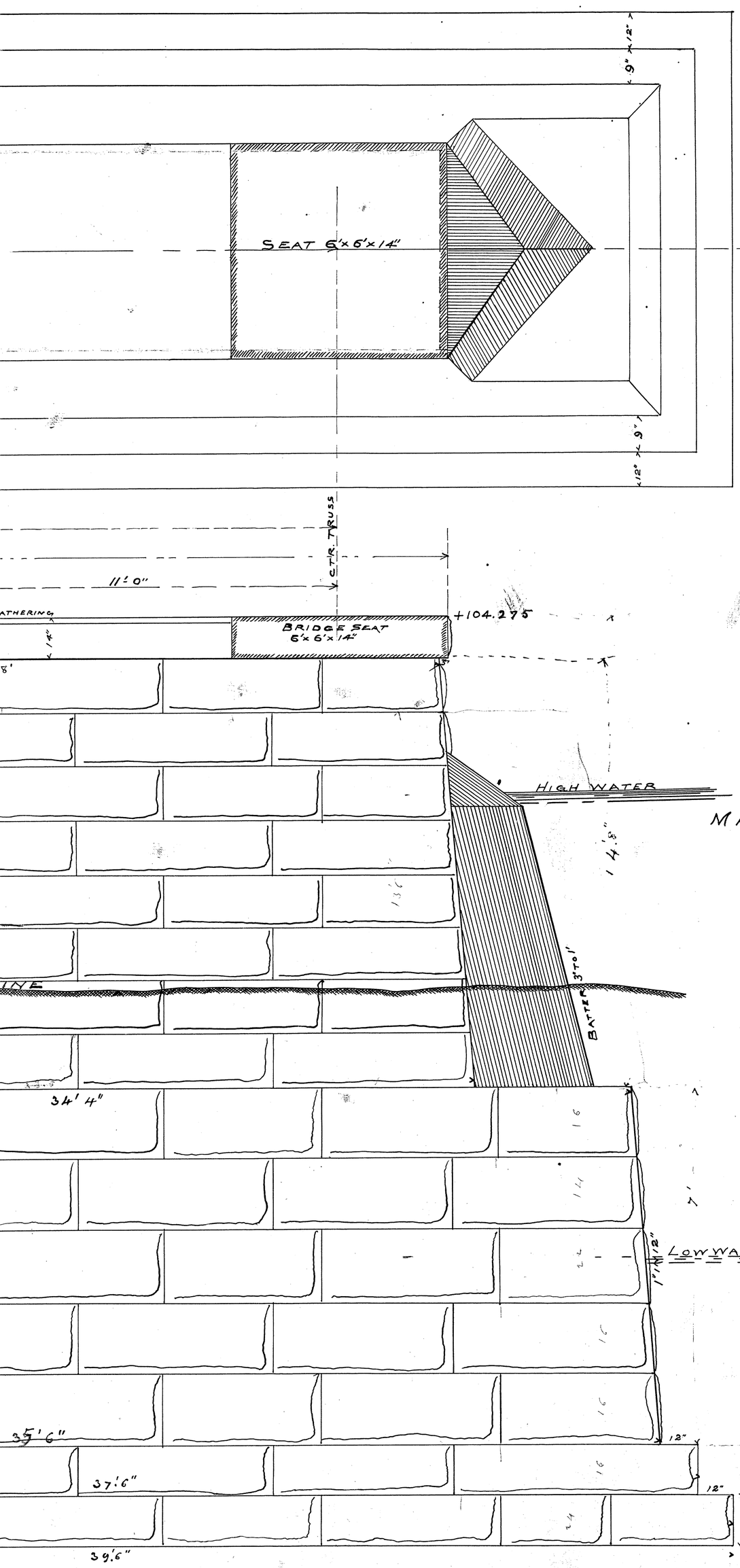
2

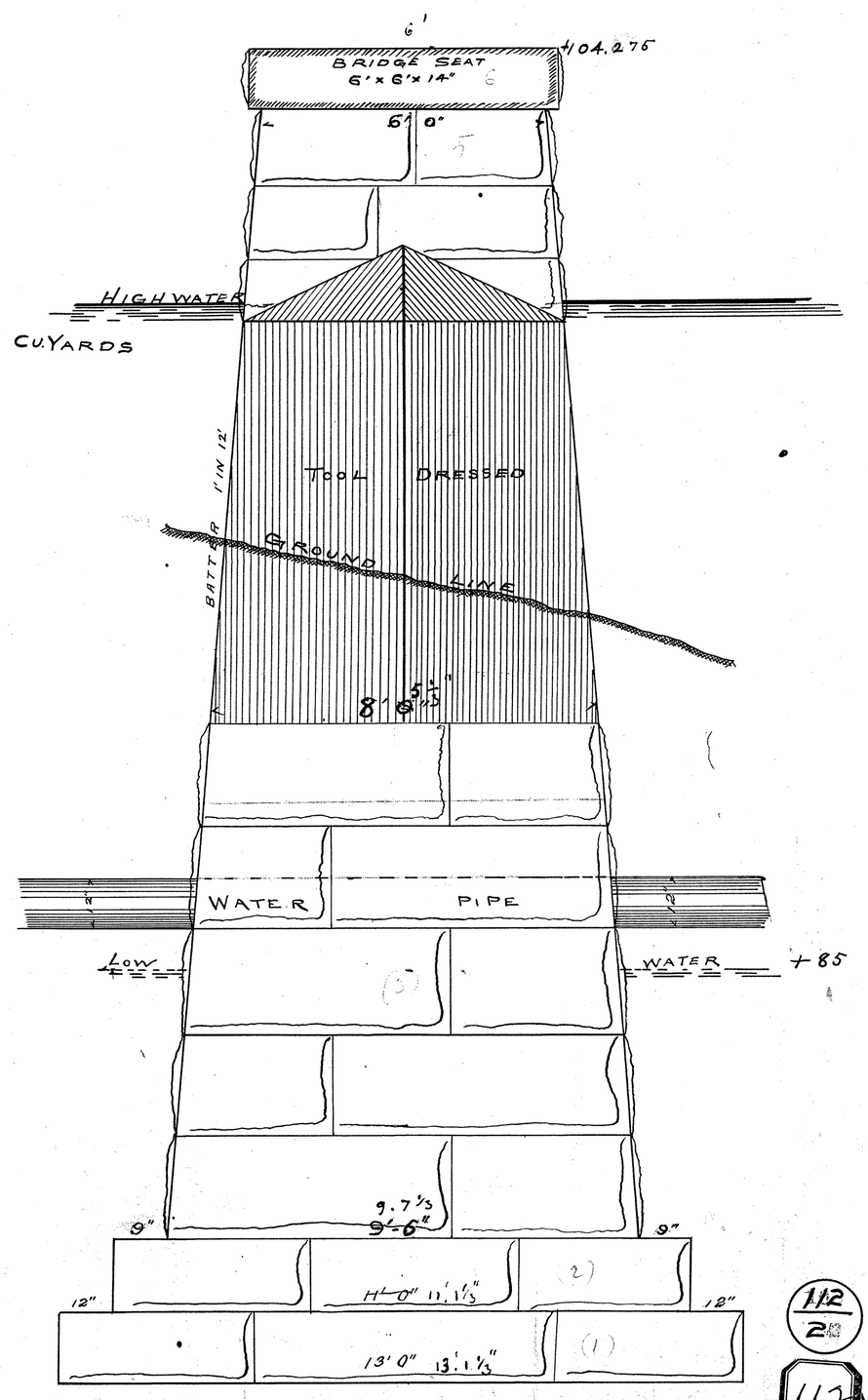
MORGAN ST. BRIDGE

PIER No 4

City Engineer's Office February 1890
Rockford Ill

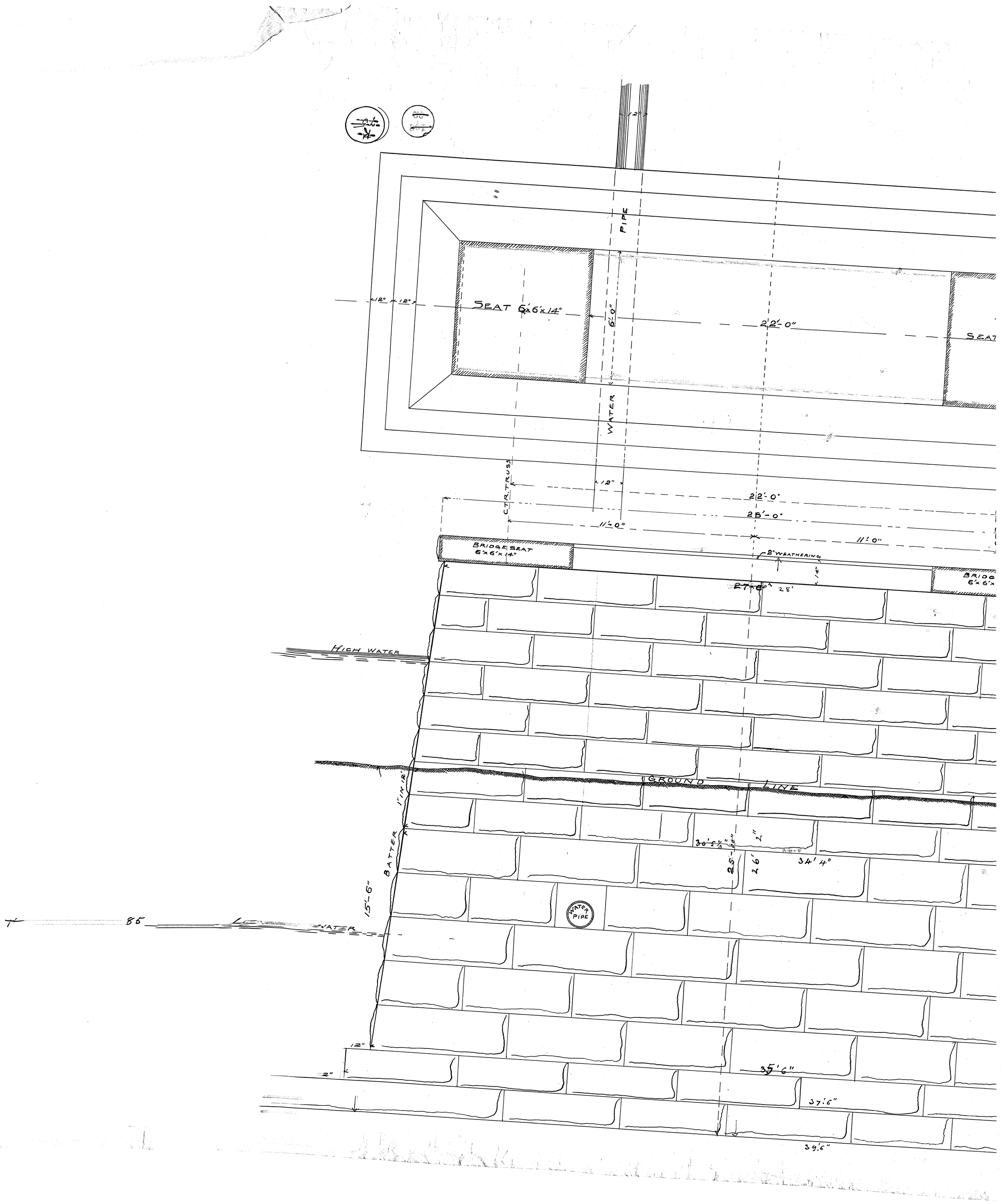
D.C. Dunlap
City Engineer.





112/2

112/2

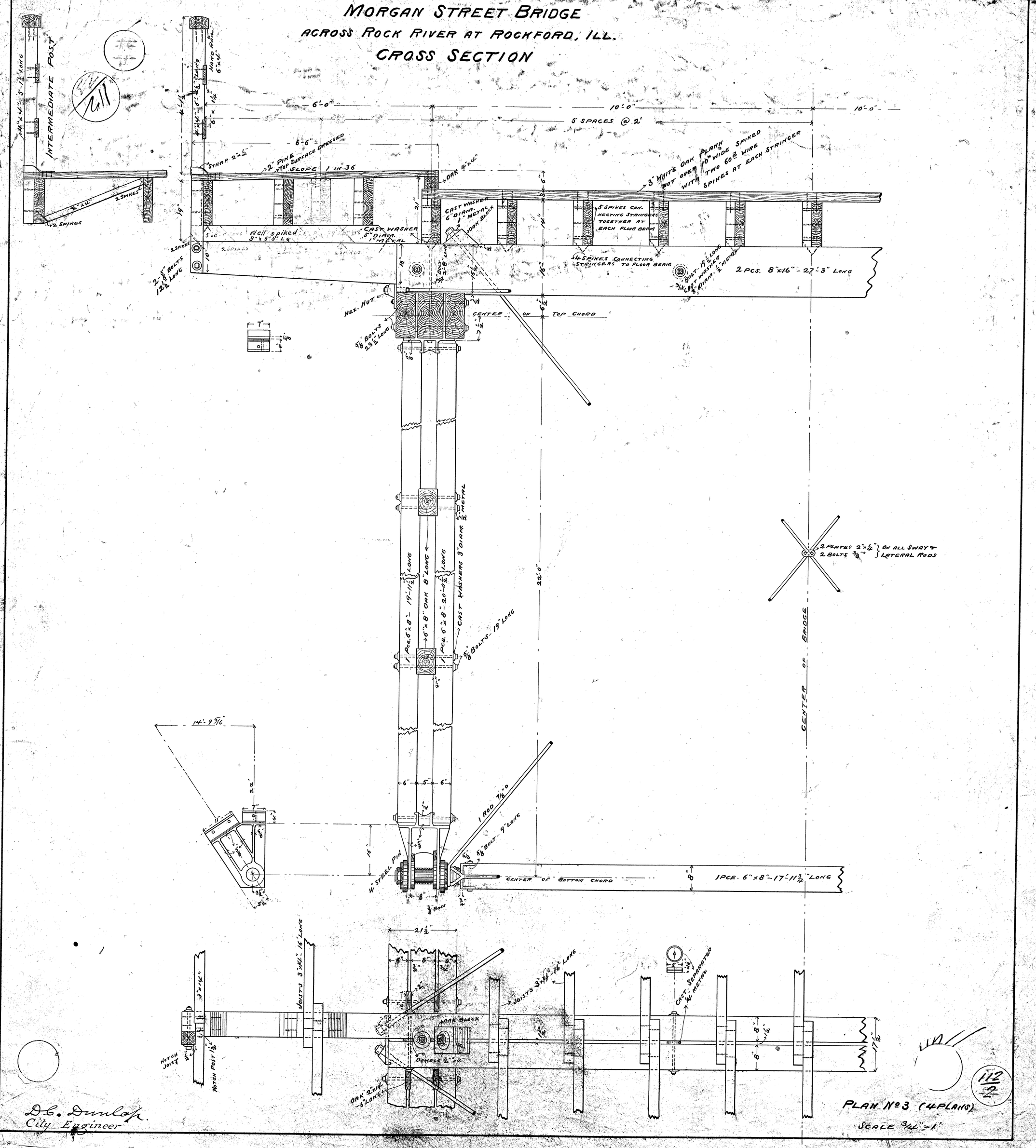


PIPE
SEAT 6'x6'x14"
6'-0"
22'-0"
SEAT
WATER
C.T.R. TRUSS
12"
22'-0"
28'-0"
11'-0"
11'-0"
BRIDGE SEAT 6'x6'x14"
2" WEATHERING
14"
27'-6"
28'
HIGH WATER
GROUND LINE
BATTER 1" IN 12"
15'-6"
30'-5 1/2"
25'-0"
26'
2"
34'4"
WATER PIPE
85
WATER
12"
2"
35'6"
37'6"
39'6"

MORGAN STREET BRIDGE

ACROSS ROCK RIVER AT ROCKFORD, ILL.

CROSS SECTION

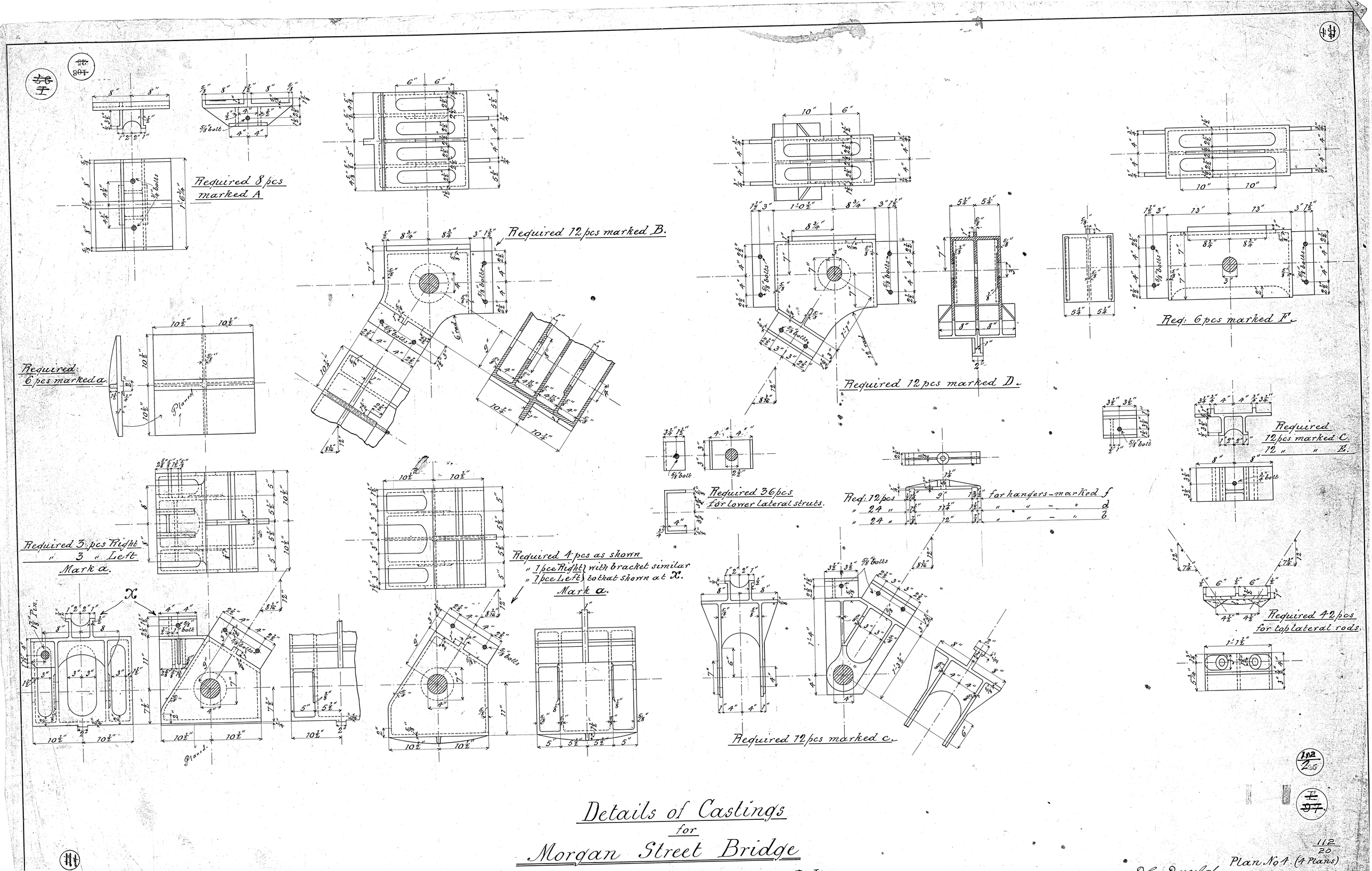


D. C. Dunlap
City Engineer

Morgan St. Bridge

112/2

112/20

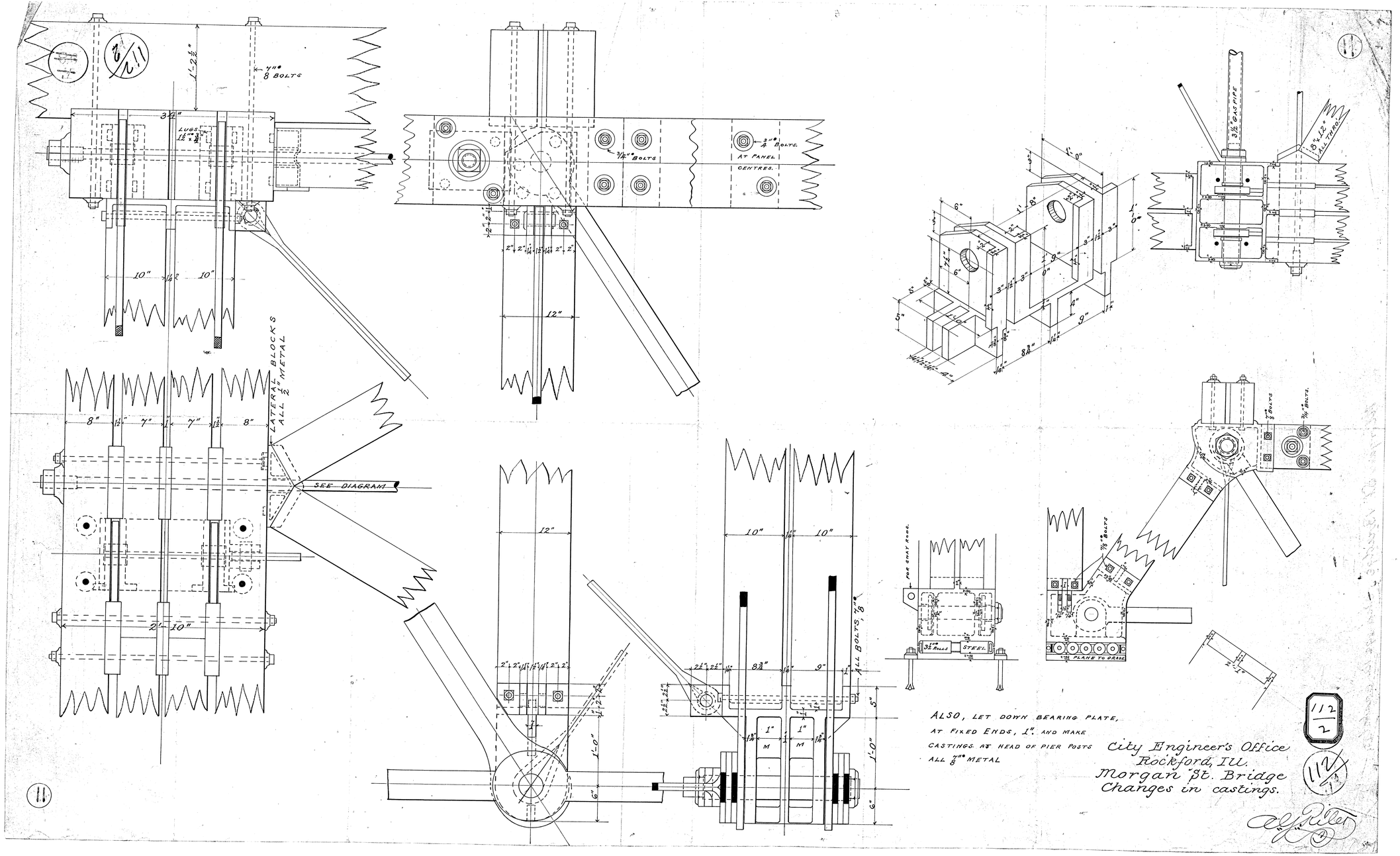


Details of Castings
for
Morgan Street Bridge
Across Rock River at Rockford, Ill.

Plan No 4. (4 Plans)

D. C. Dunlap
City Engineer

112/20



ALSO, LET DOWN BEARING PLATE, AT FIXED ENDS, 1". AND MAKE CASTINGS AT HEAD OF PIER POSTS ALL 7/8" METAL

City Engineer's Office
Rockford, Ill.
Morgan St. Bridge
Changes in castings.

112/2

112/1

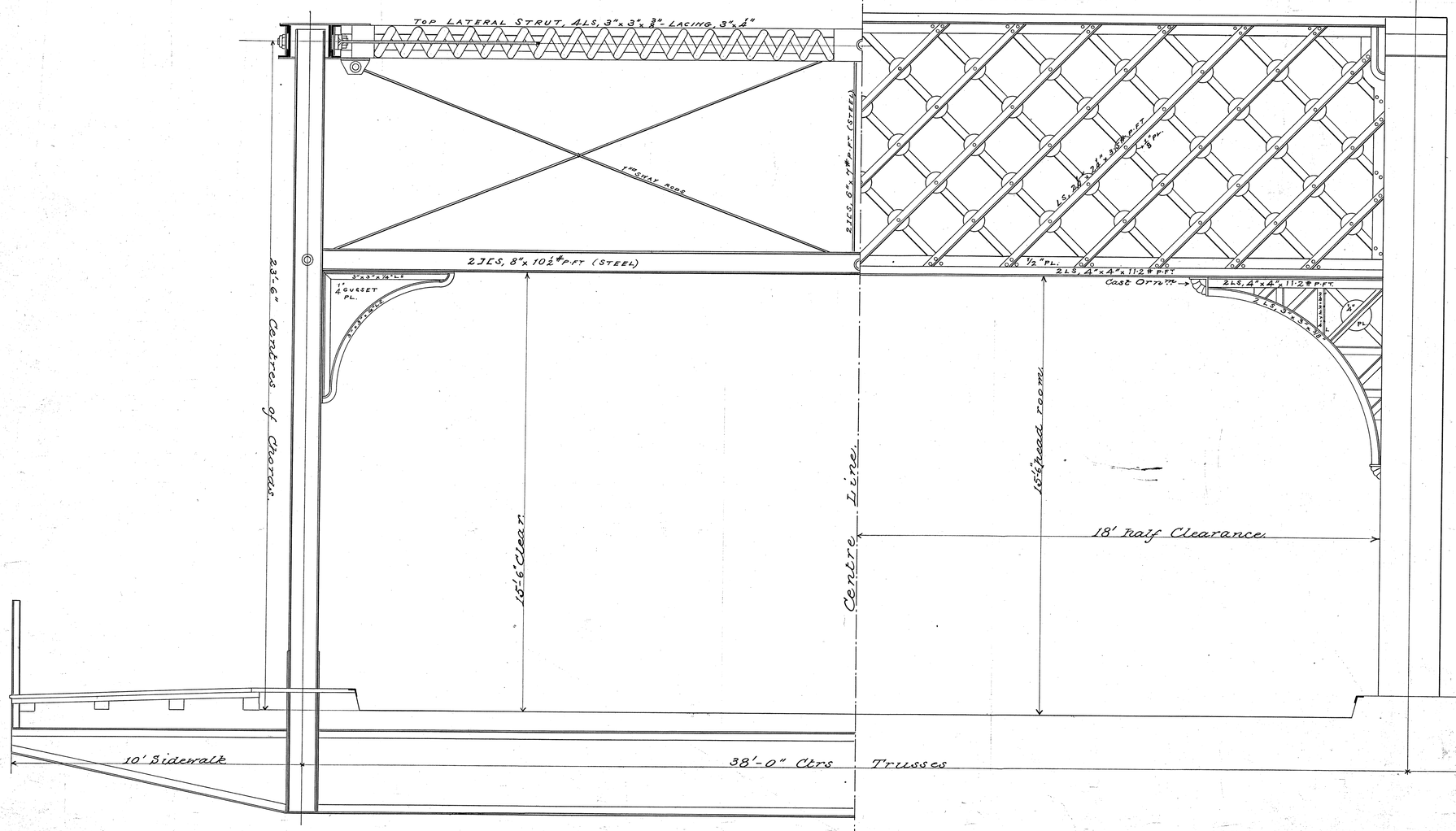
A. J. Riter

112/2

INTERM CROSS SECTION

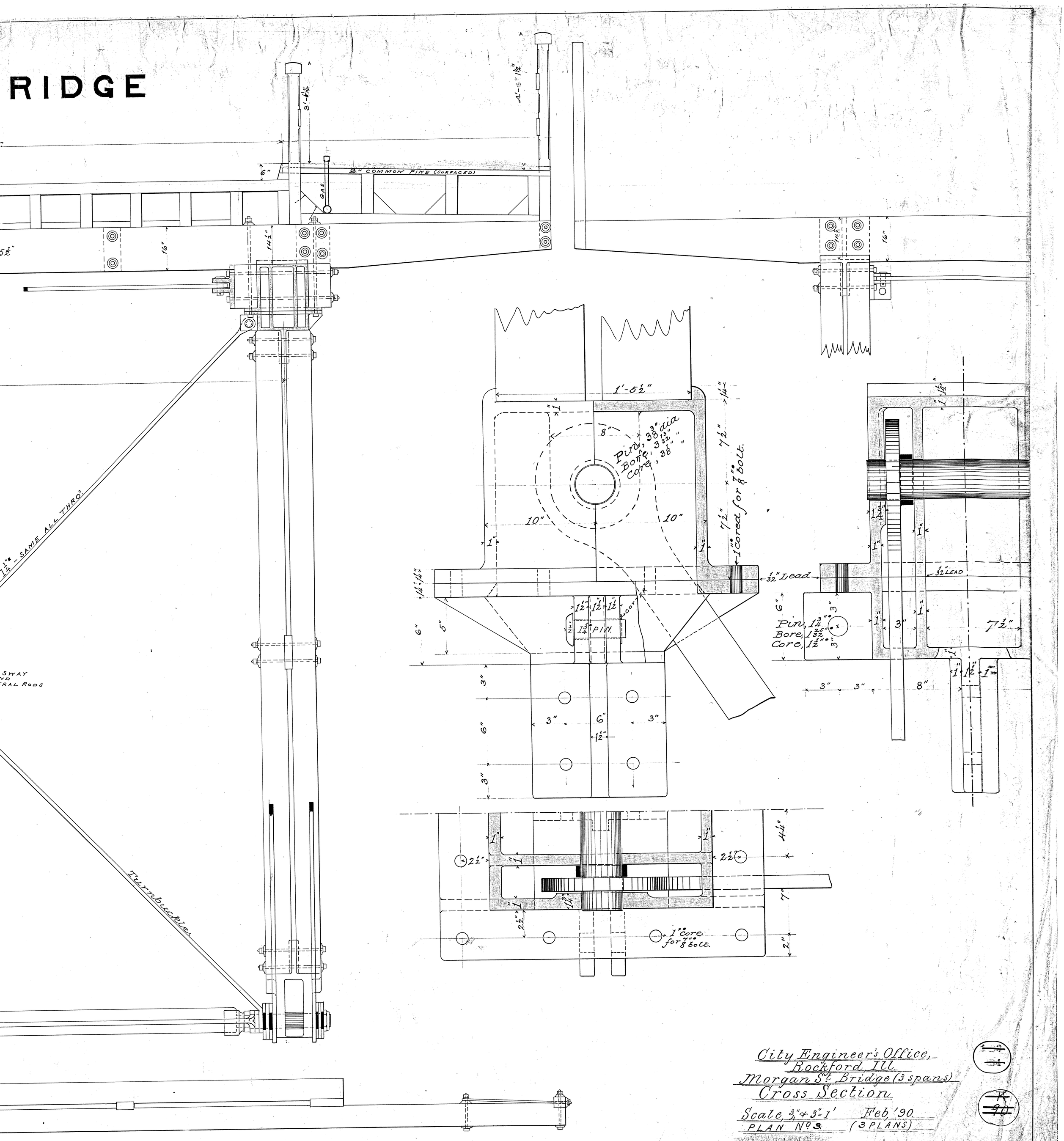
HALF PORTAL VIEW

SAME FINIAL AND PINNACLES AS SHOWN ON COLORED PLAN.



City Engineer's Office
Rockford, Ill.
Cross Section of proposed two truss double bridge over Rock River.
Scale, ½"=1' Sept. '89.
D. C. Dunlap,
City Engineer.

112/2



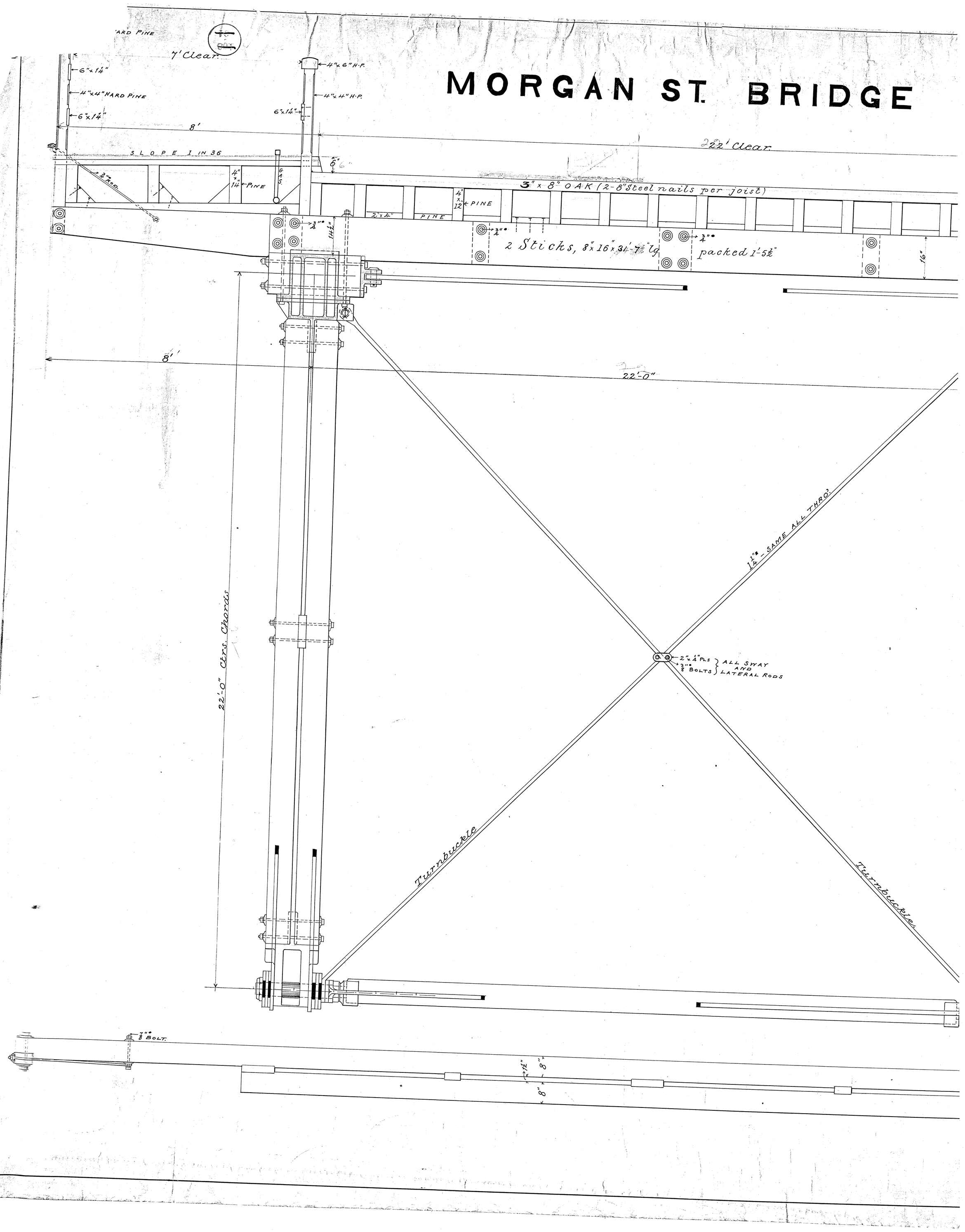
City Engineer's Office,
Rockford, Ill.
Morgan St. Bridge (3 spans)
Cross Section

Scale, 3/4" & 3" = 1' Feb '90.
PLAN No. 3 (3 PLANS)

D.C. Dunlap
City Engineer

112
2

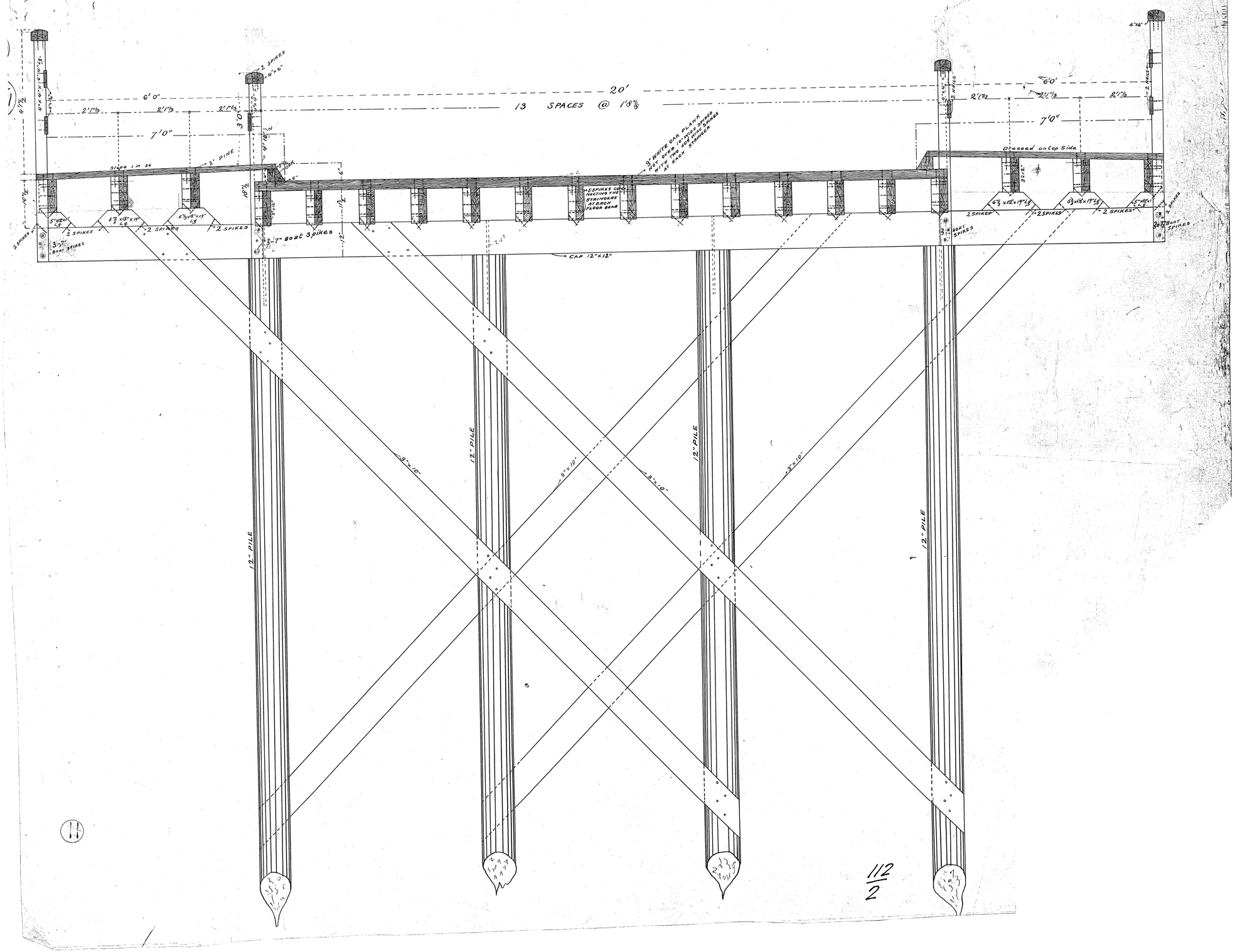
MORGAN ST. BRIDGE



CROSS SECTION OF TRESTLE APPROACH TO MORGAN ST BRIDGE

Scale 3/4 in. = 1 ft. Plan No. 2 (Plans)

D.C. Dunlap
City Engineer.

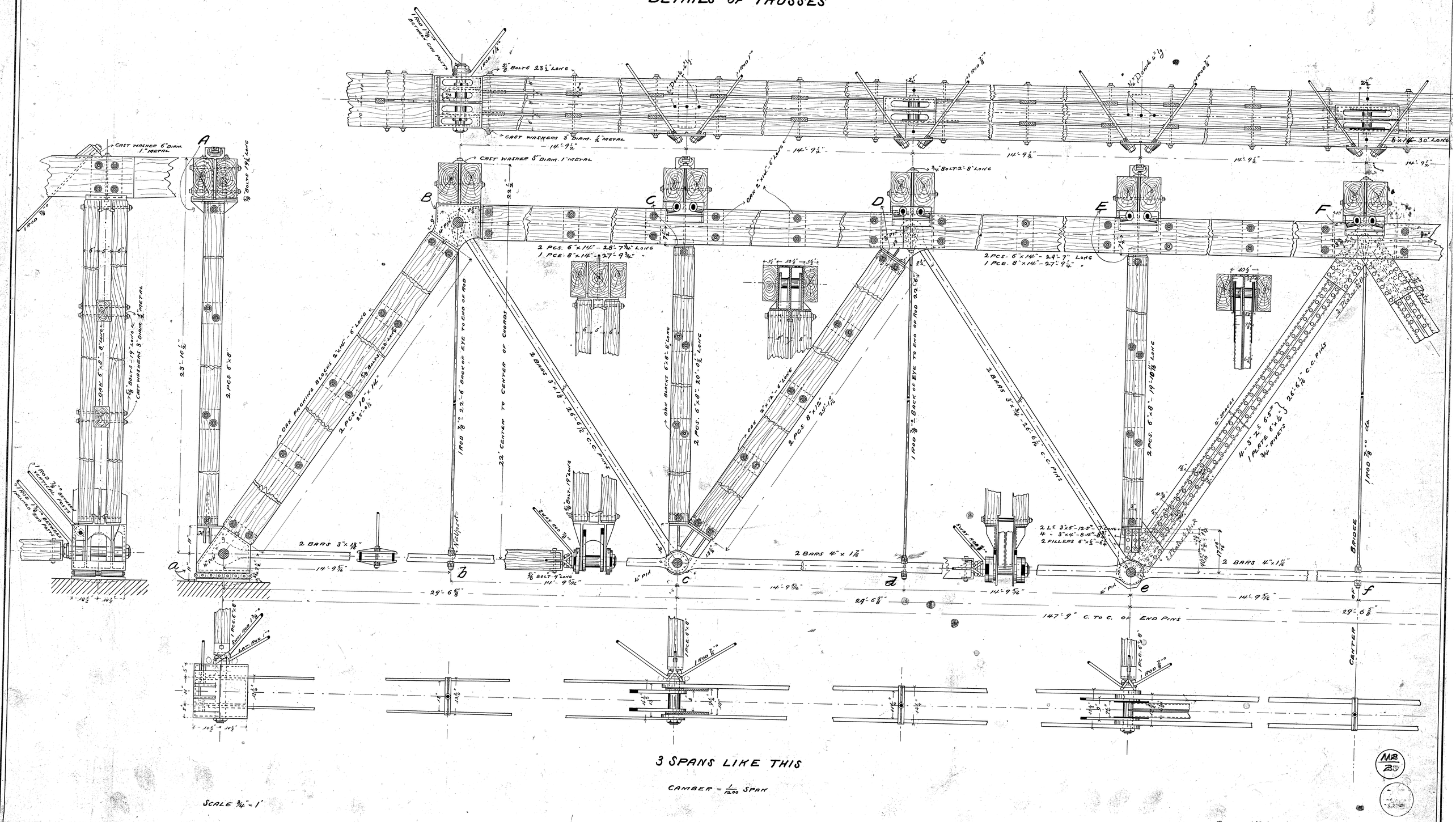


112/2

MORGAN STREET BRIDGE

ACROSS ROCK RIVER AT ROCKFORD, ILL.

DETAILS OF TRUSSES



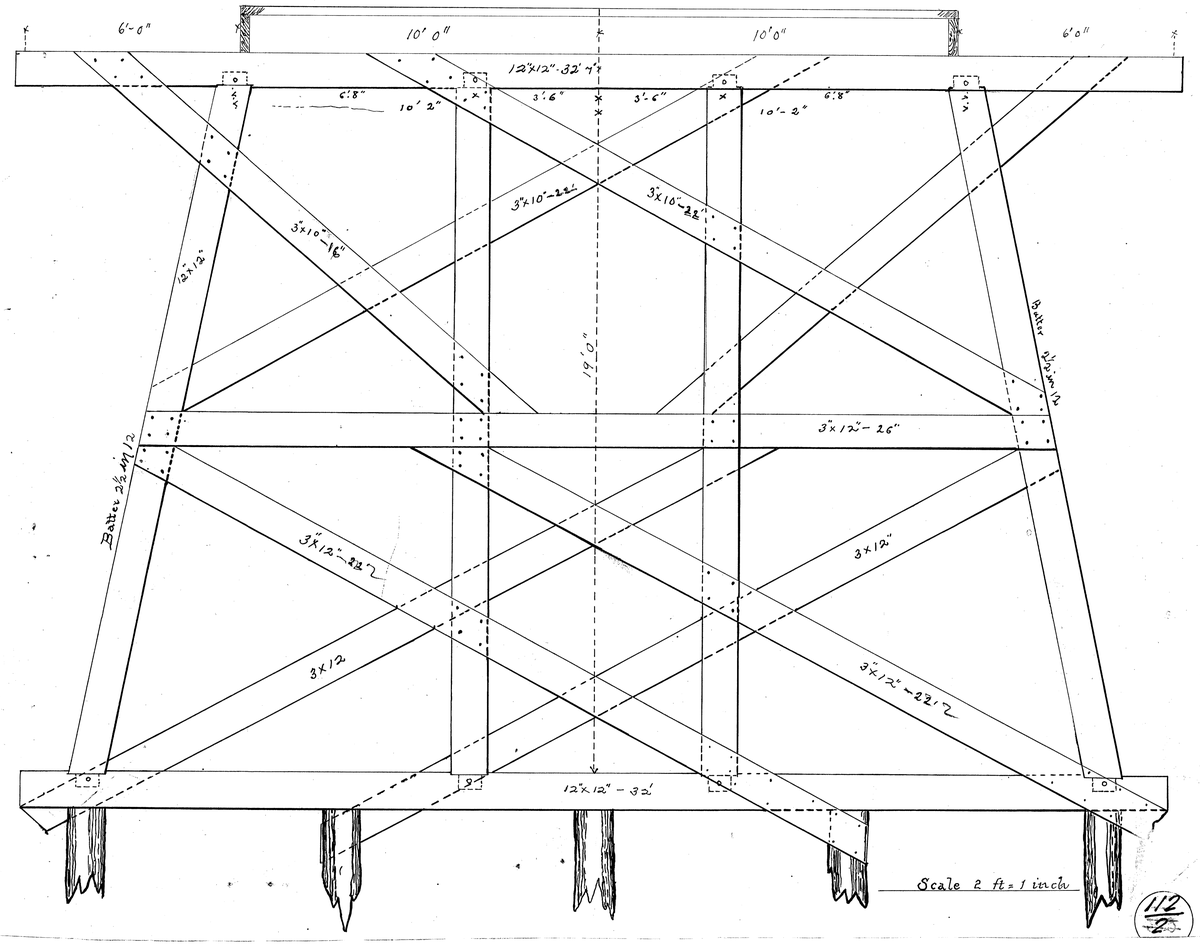
PLAN No 2 (4 PLANS)

D.C. Dunlap
City Engineer

Morgan Strut Bridge

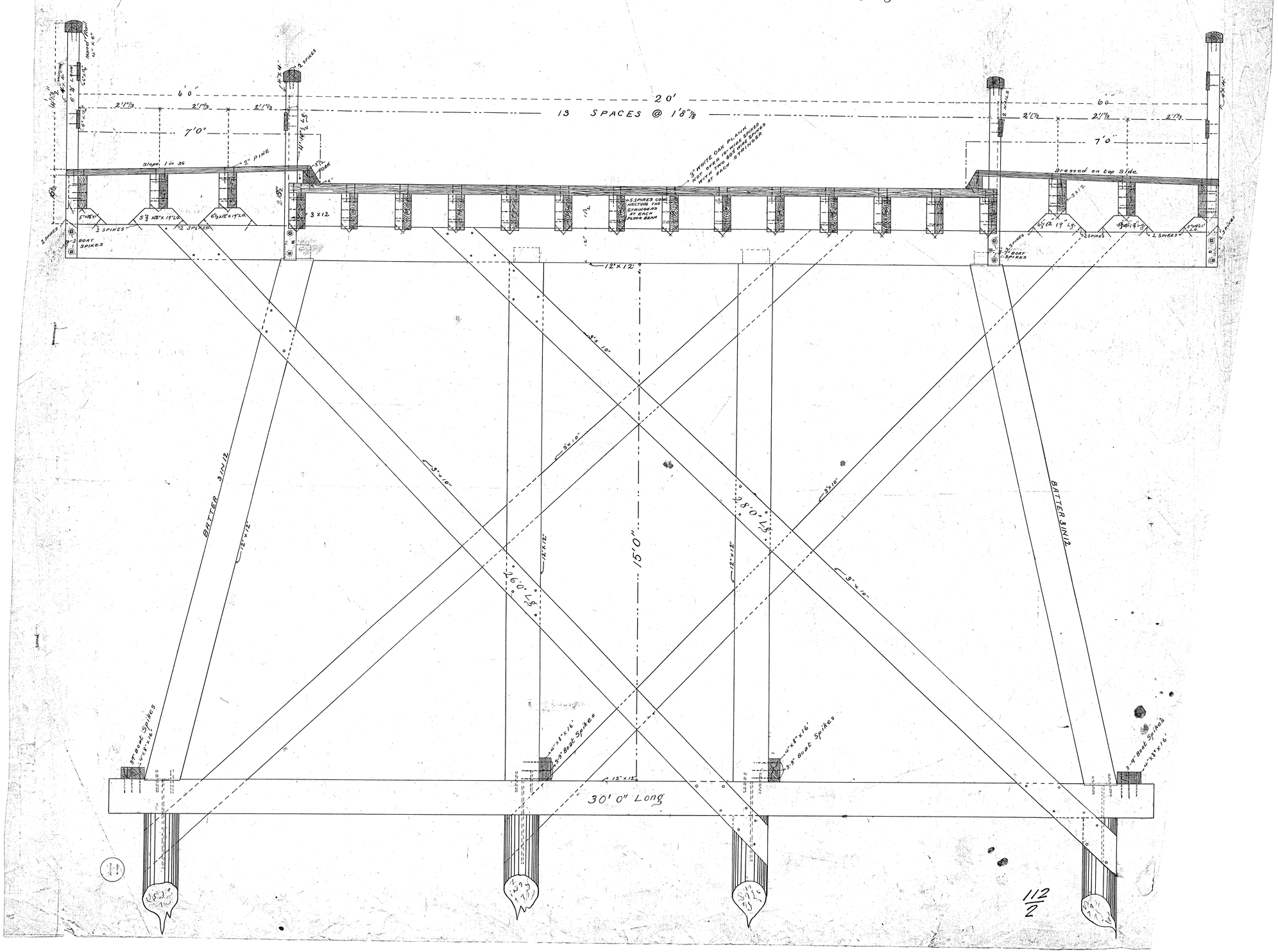
East Approach

Bents 1 to 1.2.3.&4.



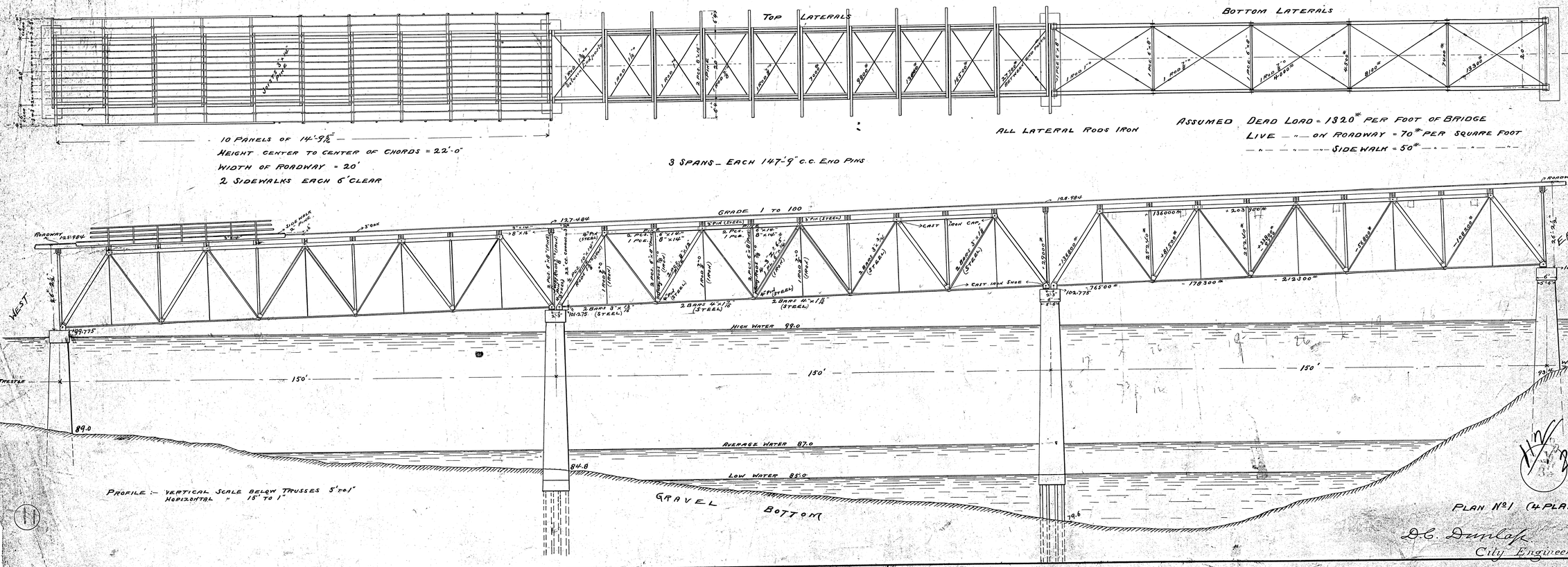
CROSS SECTION OF TRESTLE APPROACH TO MORGAN ST. BRIDGE

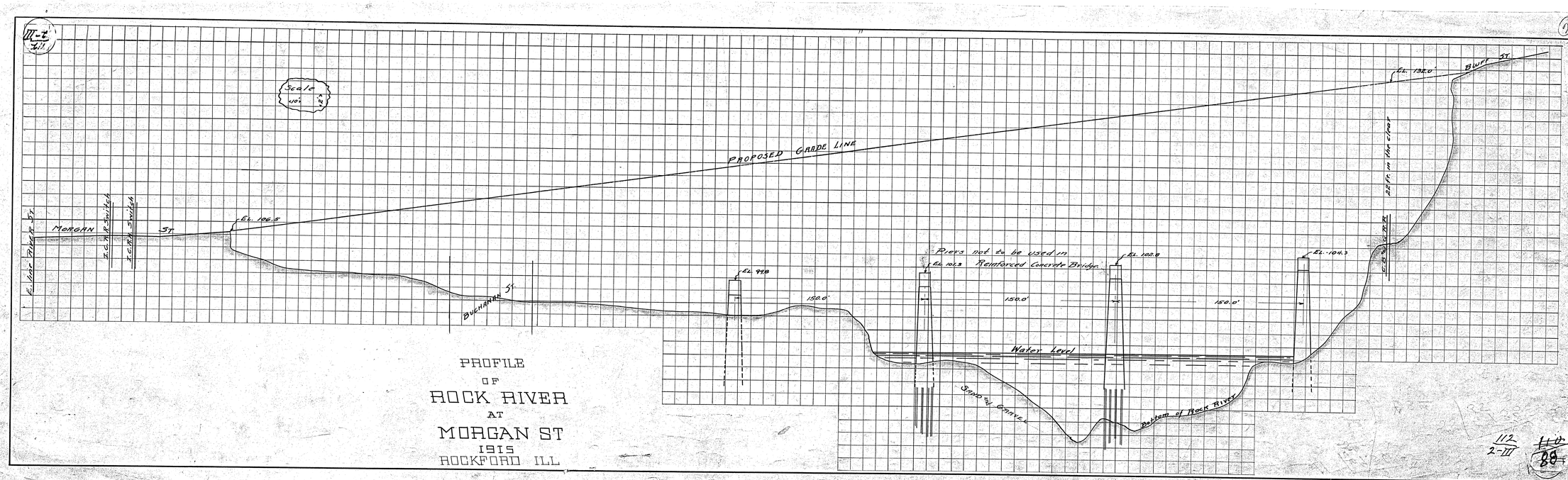
Scale 3/4 in. = 1 ft. Plan No. 1. (Plans) D.C. Dunlap, City Engineer.



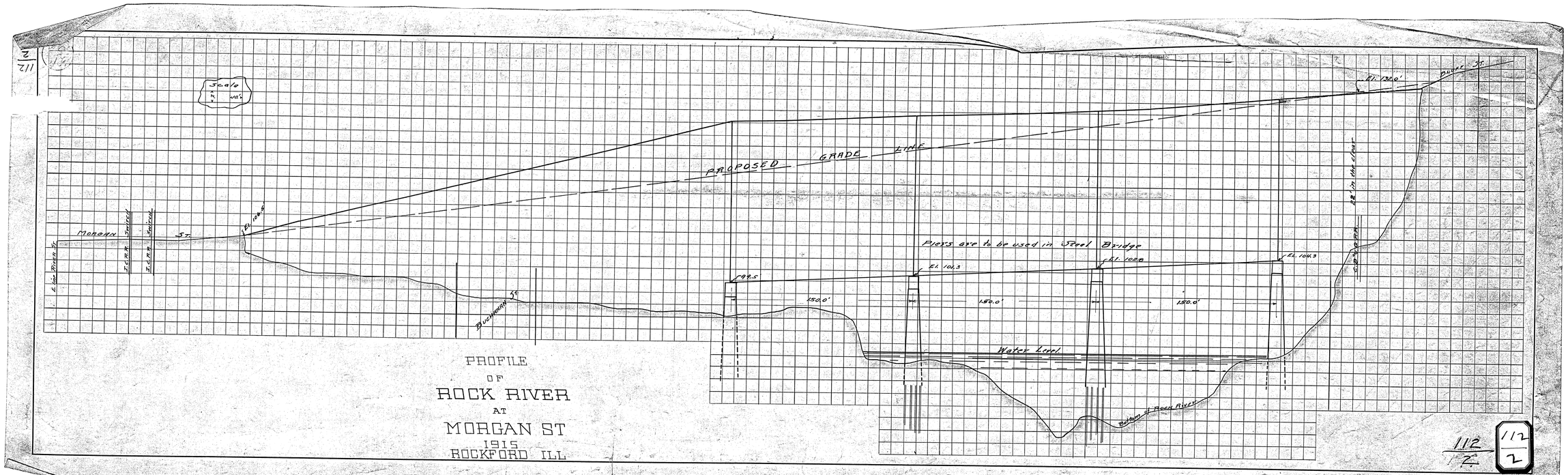
112/2

GENERAL PLAN OF MORGAN STREET BRIDGE
ACROSS ROCK RIVER
ROCKFORD, ILL.



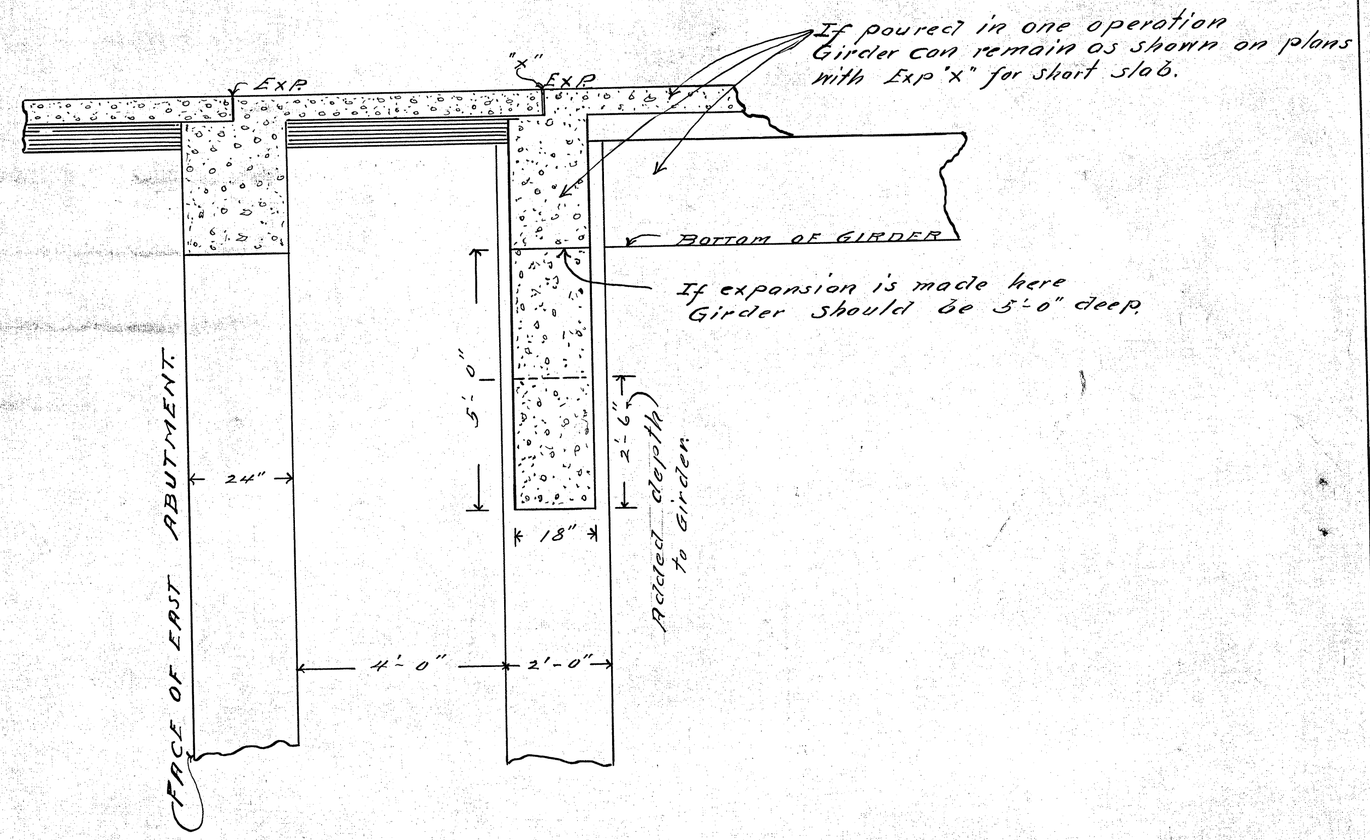


PROFILE
OF
ROCK RIVER
AT
MORGAN ST
1915
ROCKFORD ILL



PROFILE
OF
ROCK RIVER
AT
MORGAN ST
1915
ROCKFORD ILL

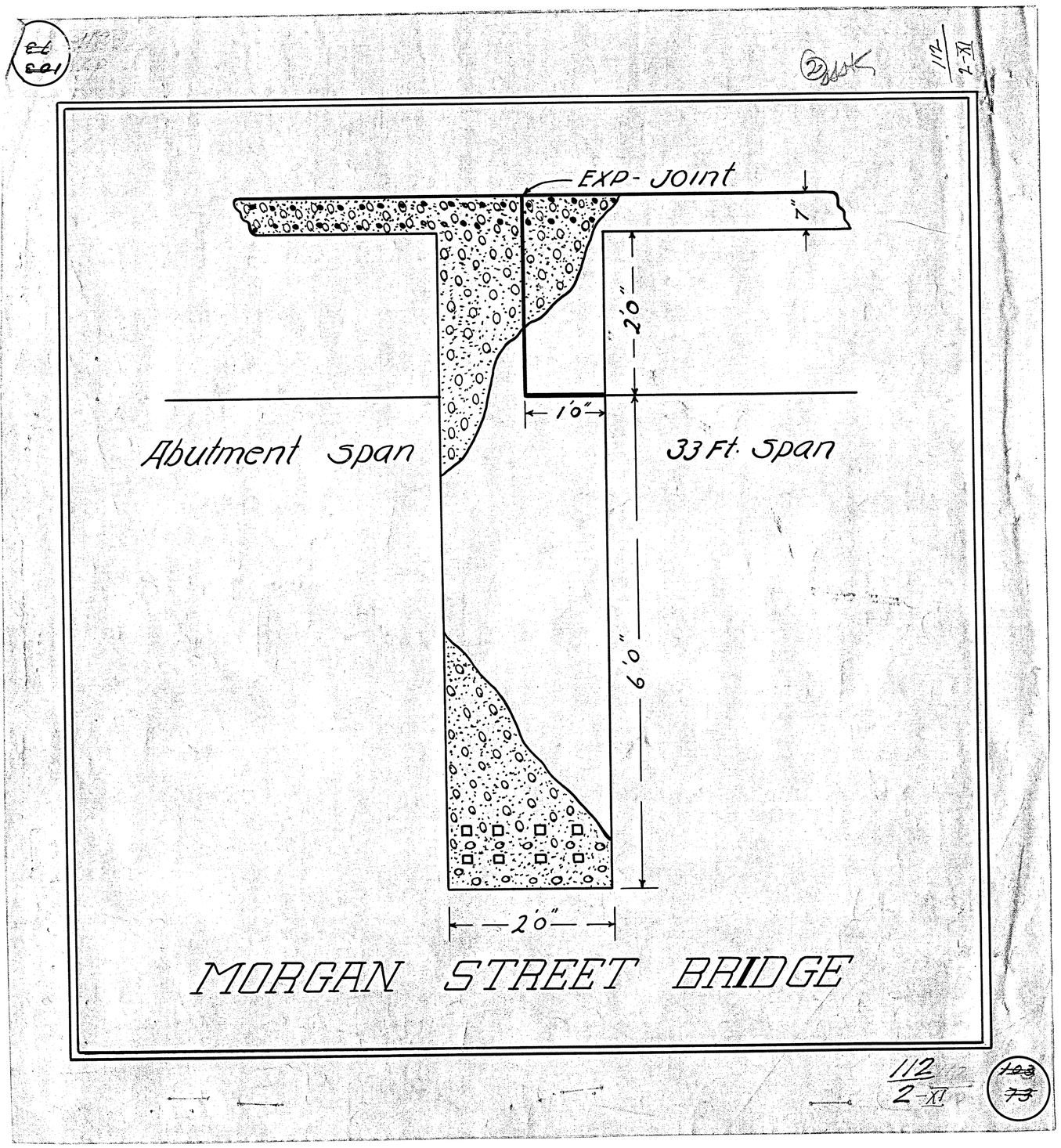
112/2

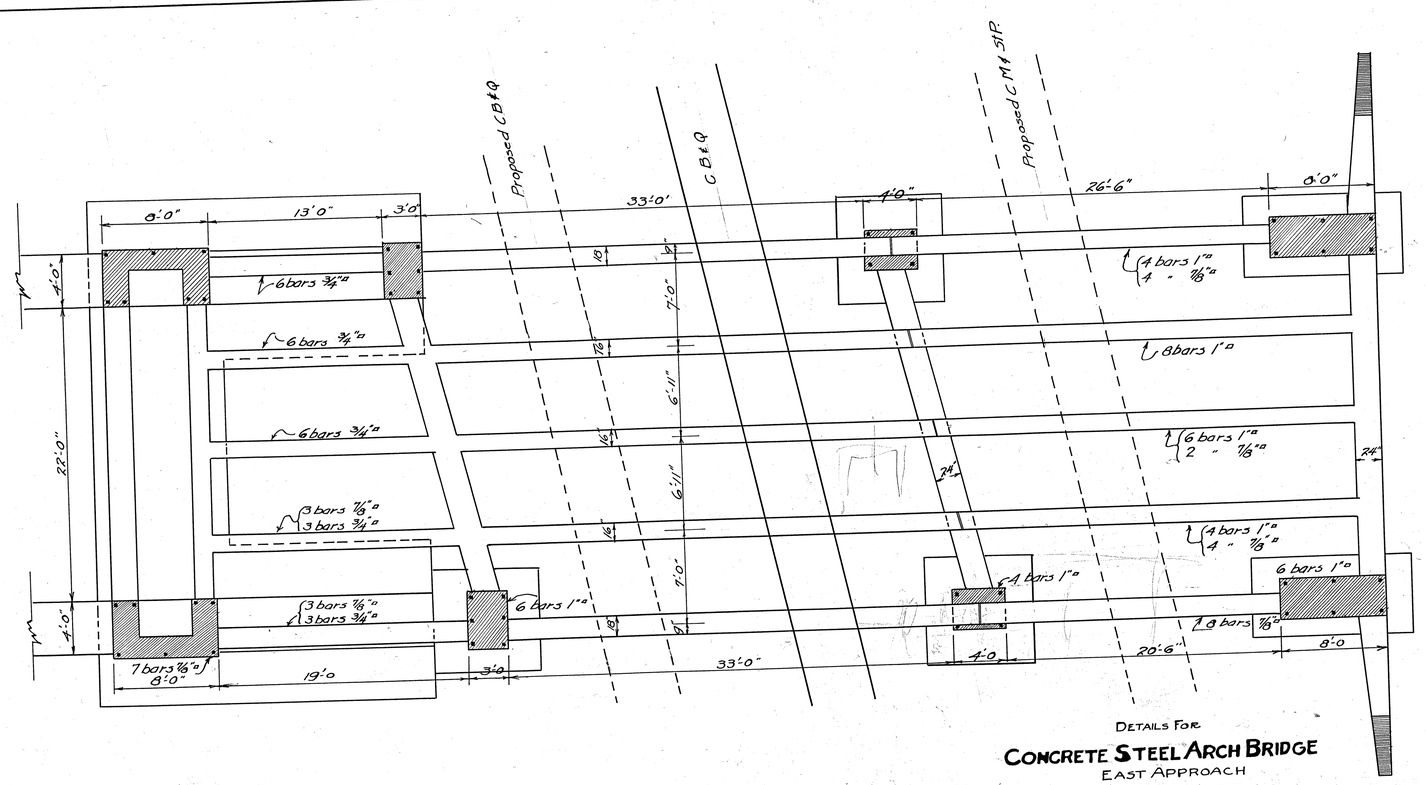


MORGAN ST. BRIDGE

SCALE 1/2" = 1'

112
2-XI


EXP- JOINT
7"
2'0"
1'0"
Abutment span
33 Ft. Span
9'0"
2'0"
MORGAN STREET BRIDGE



DETAILS FOR

CONCRETE STEEL ARCH BRIDGE

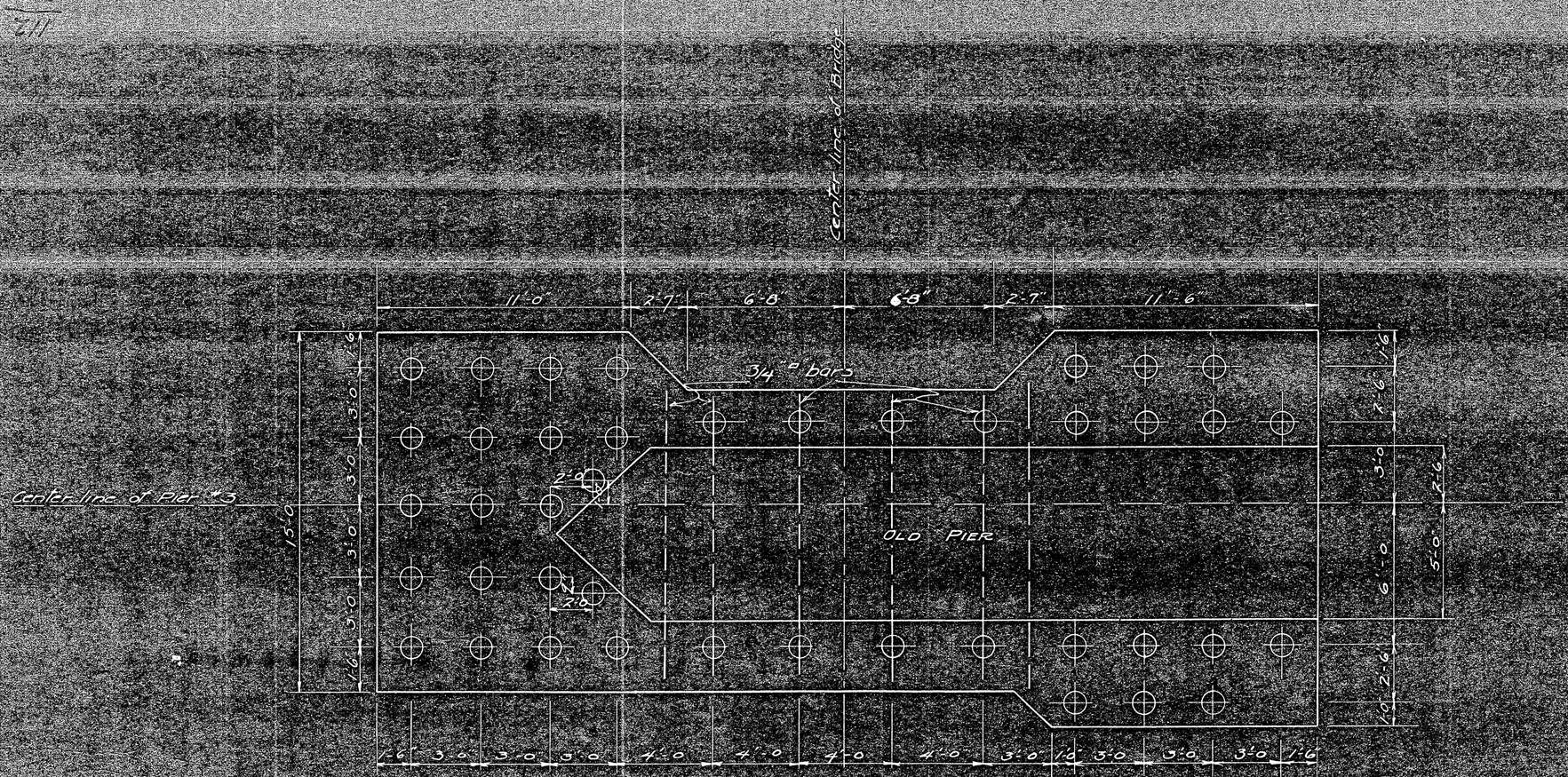
EAST APPROACH

OVER ROCK RIVER

AT MORGAN STREET, ROCKFORD, ILLINOIS.

~~103~~ 103 ~~87~~

112
2-11



DETAILS FOR

CONCRETE-STEEL ARCH BRIDGE

Over Rock River

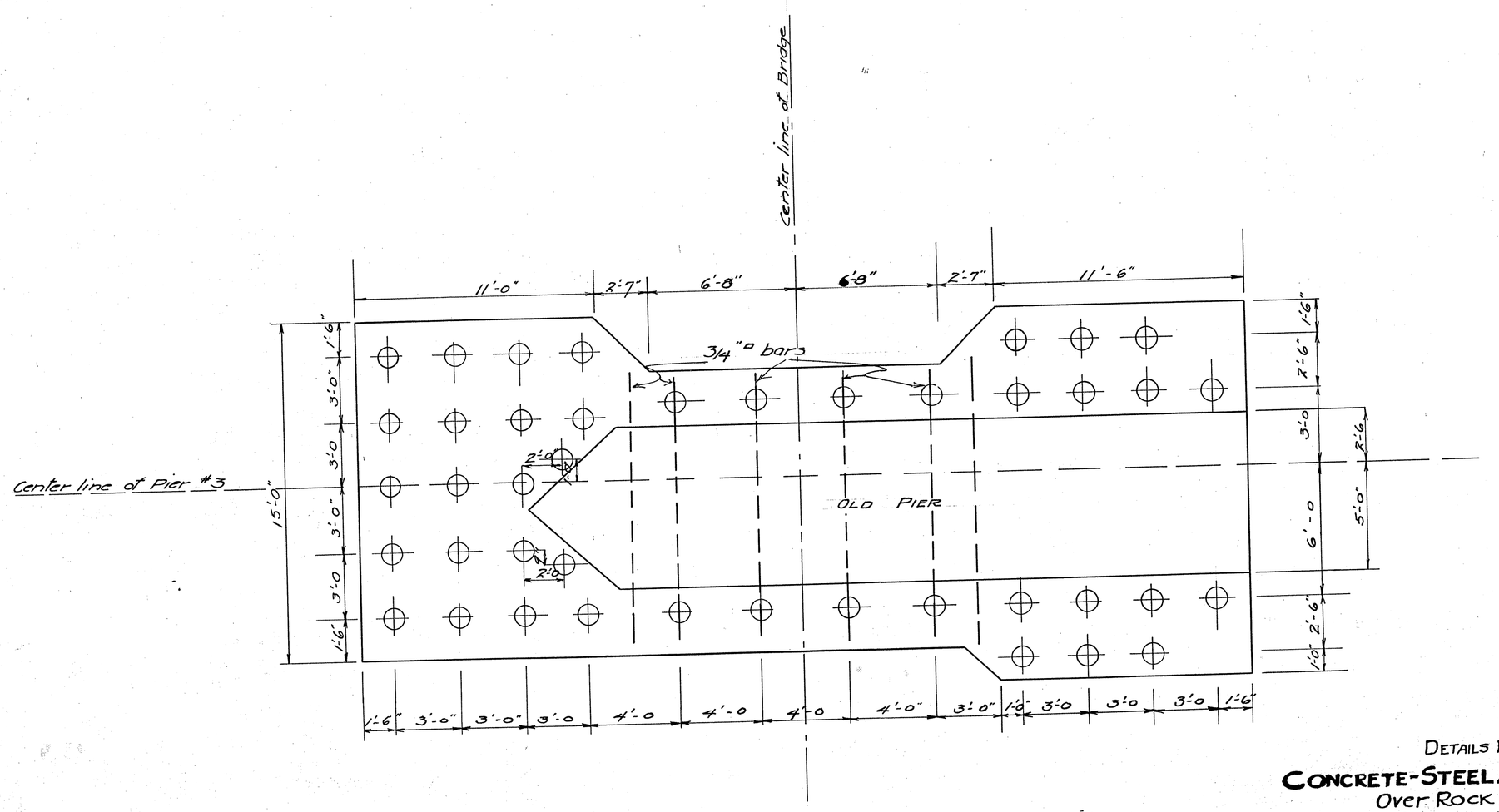
PLAN OF PIER NO. 3

AT MORGAN STREET, ROCKFORD, ILLINOIS.

Scale 1/4" = 1'-0"

112

2-V



DETAILS FOR

CONCRETE-STEEL ARCH BRIDGE

OVER ROCK RIVER

PLAN OF PIER NO. 3

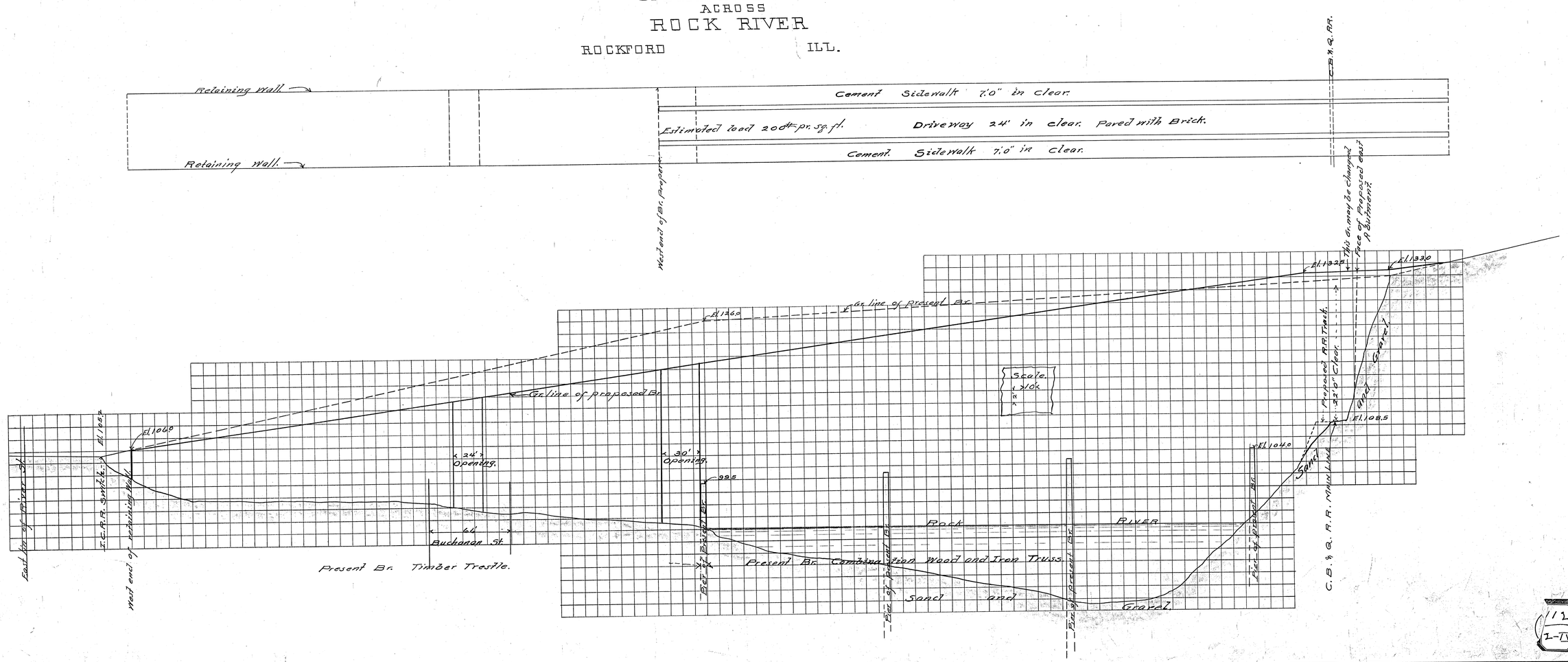
AT MORGAN STREET, ROCKFORD, ILLINOIS.

Scale 1/4" = 1'-0

112 / 2-V

PROFILE
OF
MORGAN STREET
ACROSS
ROCK RIVER

ROCKFORD ILL.



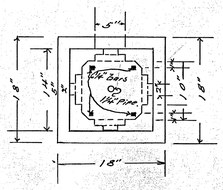
112
2-IV

DETAILS OF

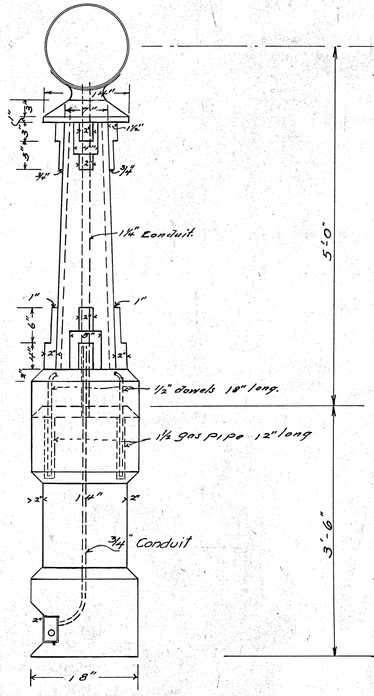
CONCRETE LAMP POST

ON

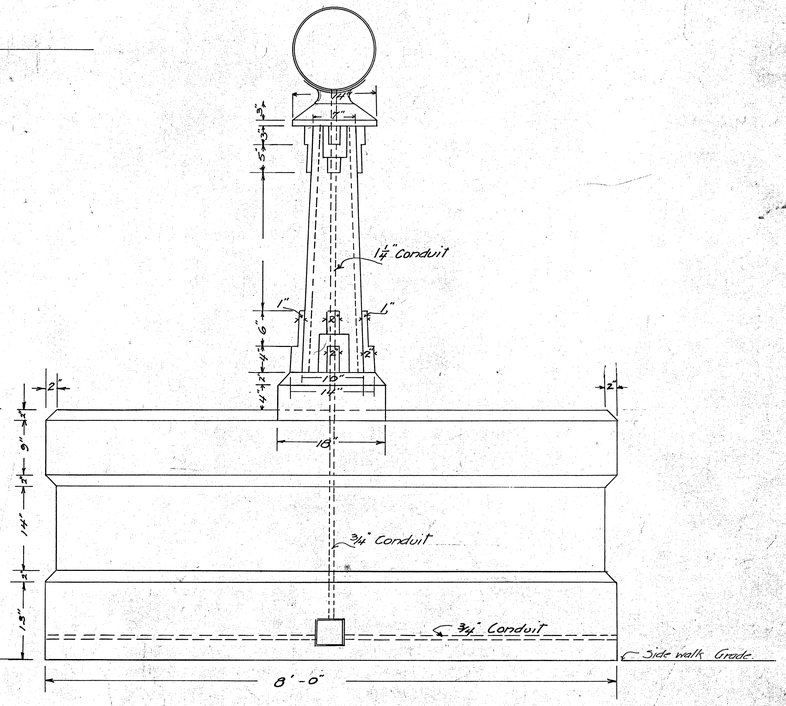
MORGAN ST BRIDGE



PLAN.
SCALE. 1" = 1'



SIDE ELEVATION



FRONT ELEVATION

SCALE
1" = 1'-0"

112
2-VIII

Profile of morgan street bridge
Proposed grade for concrete arch
Proposed grade for steel bridge
Open driveway
Richmond St.
Lacota Street
Mississippi River
Trees
150'
150
150
Elev. 130.0
120.0
110.0
100.0
90.0
11
10
9
8
7
6
5
4
3
2
1
112
2