

FILE NO.	PROJECT	SHEET	TOTAL
100-100-1	ACQUISITION AND IMPROVEMENT DISTRICT NO. 2	1	17

ACQUISITION AND IMPROVEMENT DISTRICT NO. 2

CITY OF RIVERSIDE

IMPROVEMENT PLANS CONSISTING OF 17 SHEETS NUMBERED 1 TO 17 INCLUSIVE

FOR THE IMPROVEMENT OF WEST SEVENTH STREET

From a Point 66 Feet Easterly from the Easterly Line of Rose Way, Produced Northerly, to Buena Vista Avenue

BUENA VISTA AVENUE

From West Seventh Street to the Westerly City Limits

RUBIDOUX MOUNTAIN DRIVE

From West Seventh Street Westerly and Southerly to the Northerly End of Cement Concrete Bridge to be Constructed under this Improvement, and from the southerly line of Buena Vista Avenue a distance of 175 feet southerly.

and portions of

RUBIDOUX DRIVE AND ROSE WAY

Adjacent to West 7th Street, and a portion of

RUBIDOUX DRIVE

Adjacent to Buena Vista Avenue

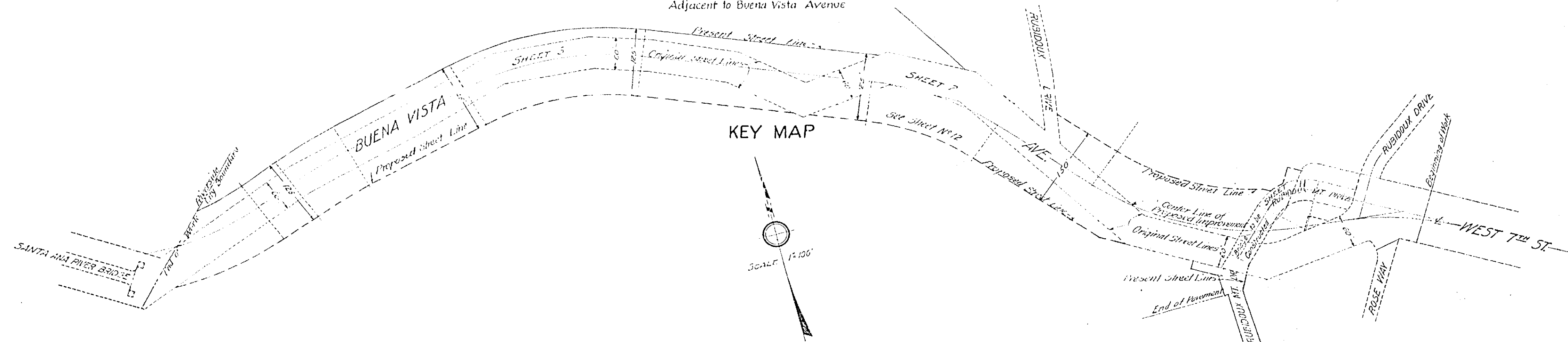
Elevations Based on Datum Plane of the City of Riverside which is 6,906 Feet above the Datum Plane of the United States Geological Survey

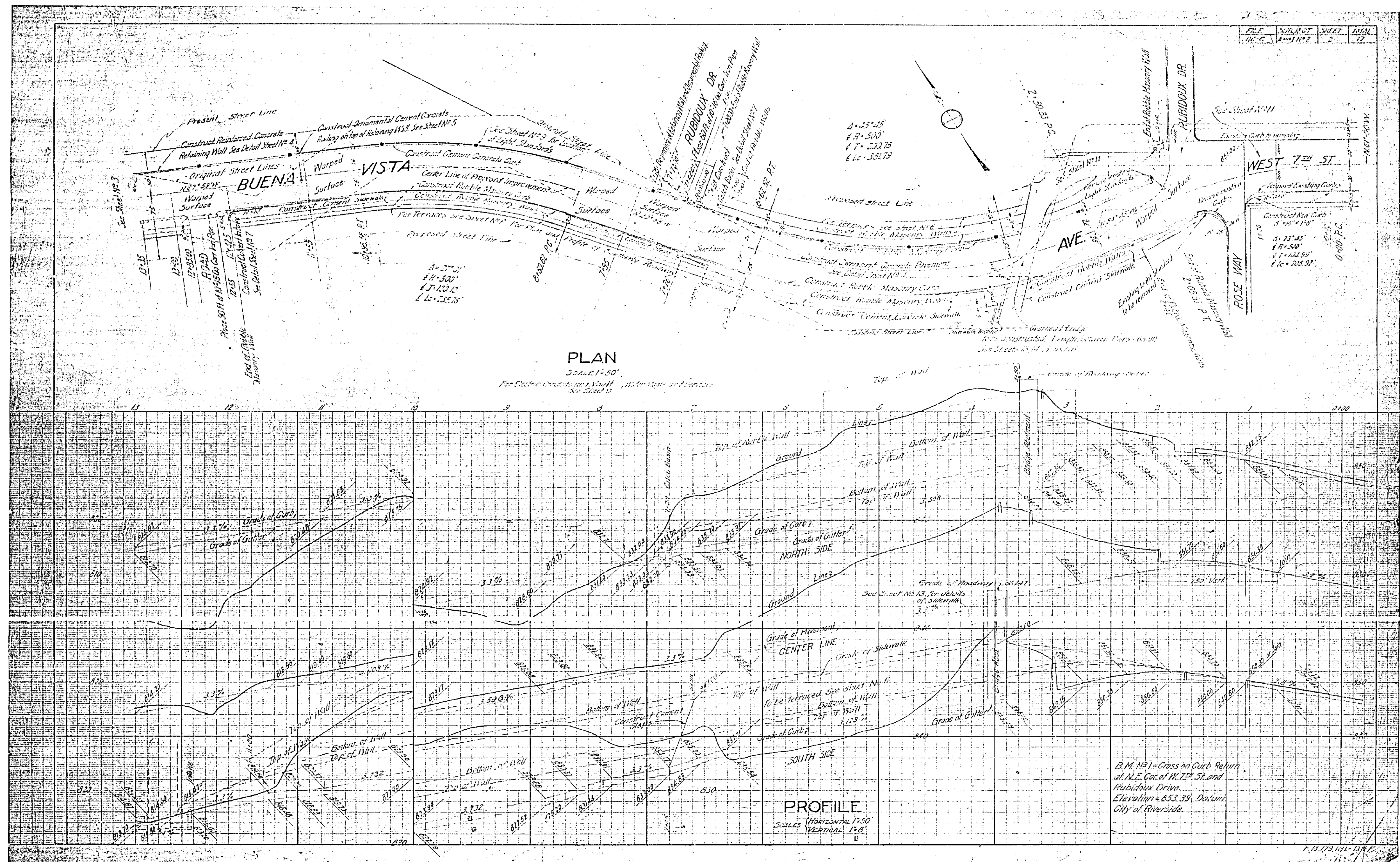
Scales - Plans - as shown
Profiles - as shown
Details - as shown

Refer to Appendix to Preliminary Specifications

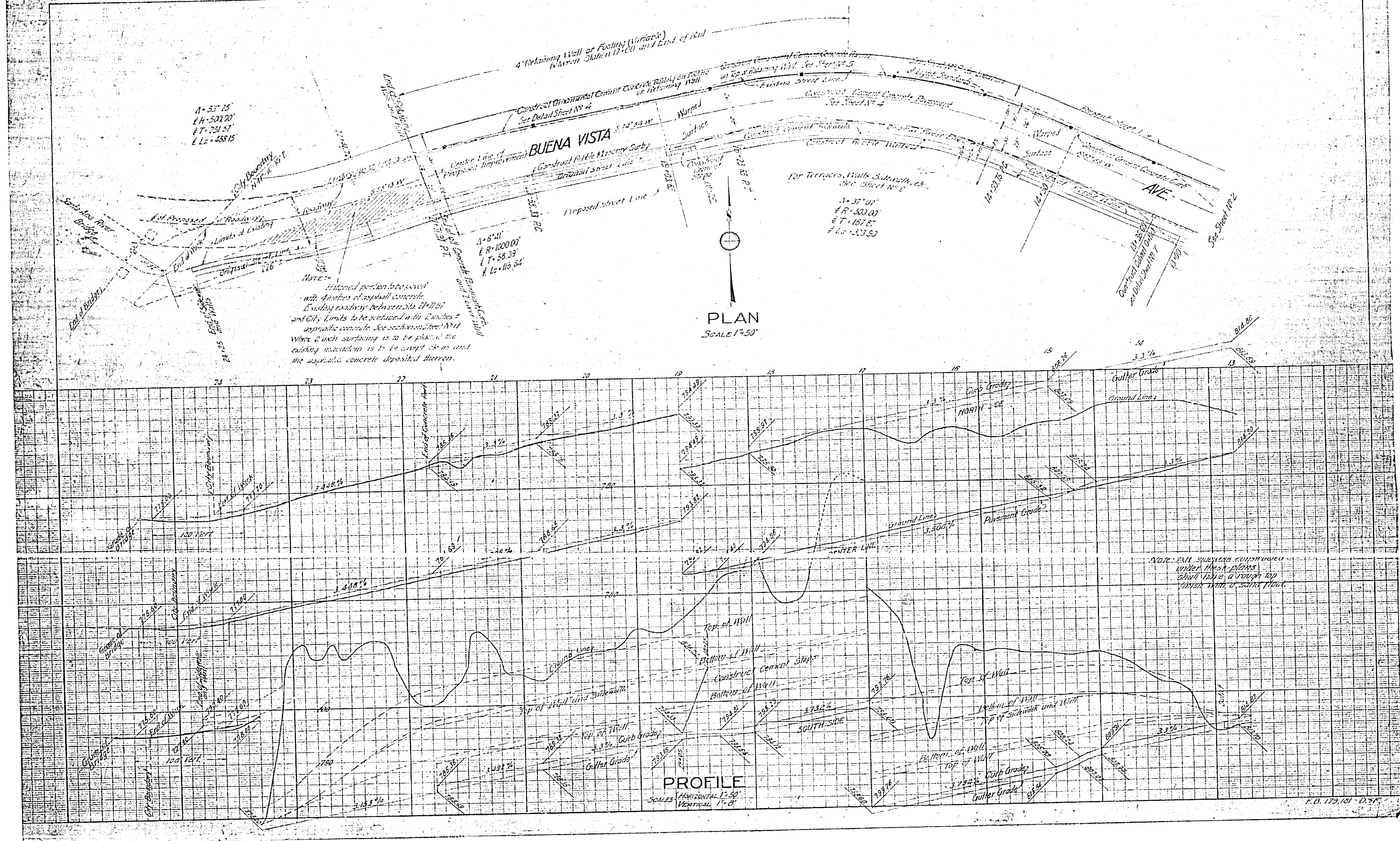
LEGEND

- Cement Concrete Pavement to be constructed shown colored thus
- Reinforced Concrete Retaining Wall and Ornamental Railing to be constructed
- Concrete Sidewalk to be constructed
- Concrete Curb to be constructed
- Rubble Masonry Wall to be constructed
- Bridge to be constructed
- Conduit to be constructed shown thus
- Culvert to be constructed shown thus
- Catch Basin, Outlet and Inlets to be constructed shown thus
- Vault to be constructed shown thus
- 2" Asphalt Pavement to be constructed shown colored thus
- 2" Asphalt Pavement to be constructed shown colored thus
- Light Standard to be installed shown thus
- Rubble Masonry Curb to be constructed shown thus
- Cast Iron and Galvanized Iron Water Pipe and services to be constructed as shown
- Cement Concrete Steps to be constructed as shown

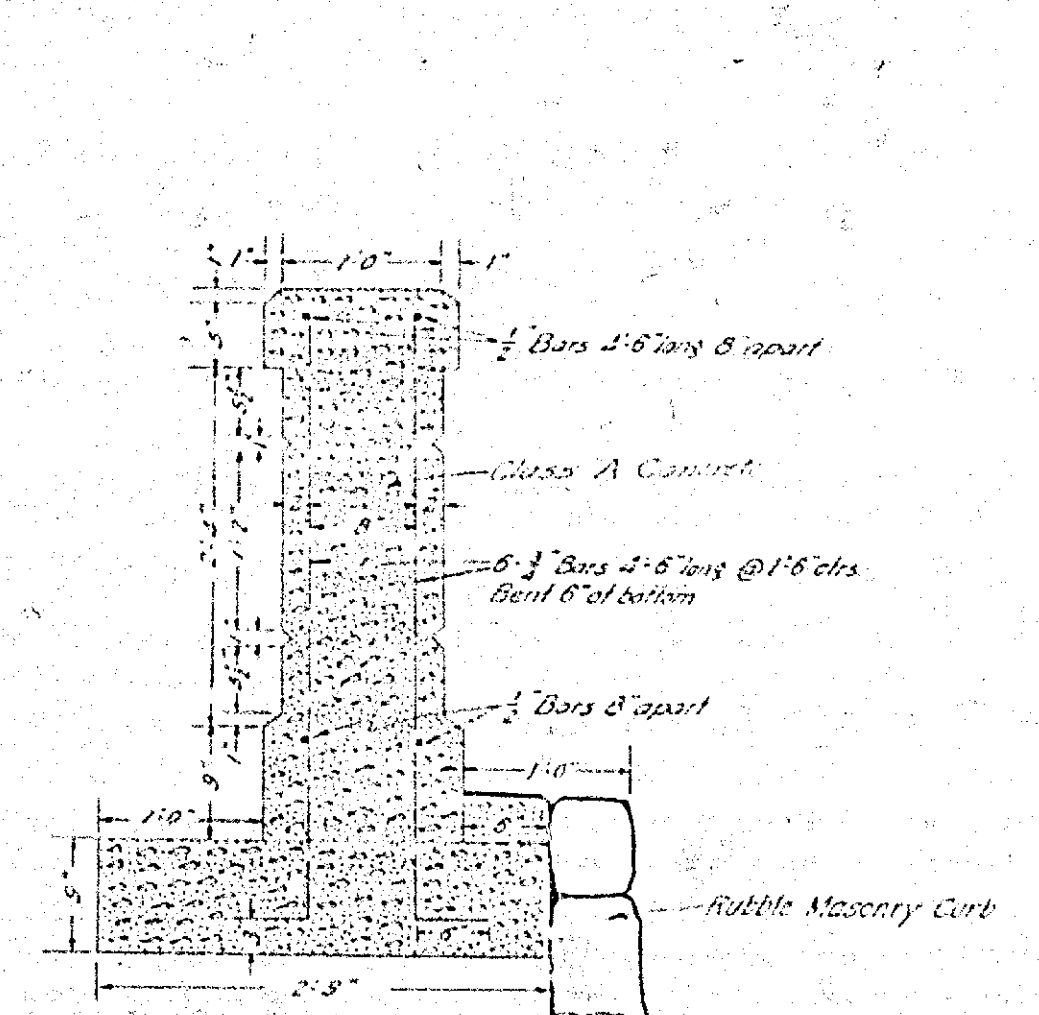




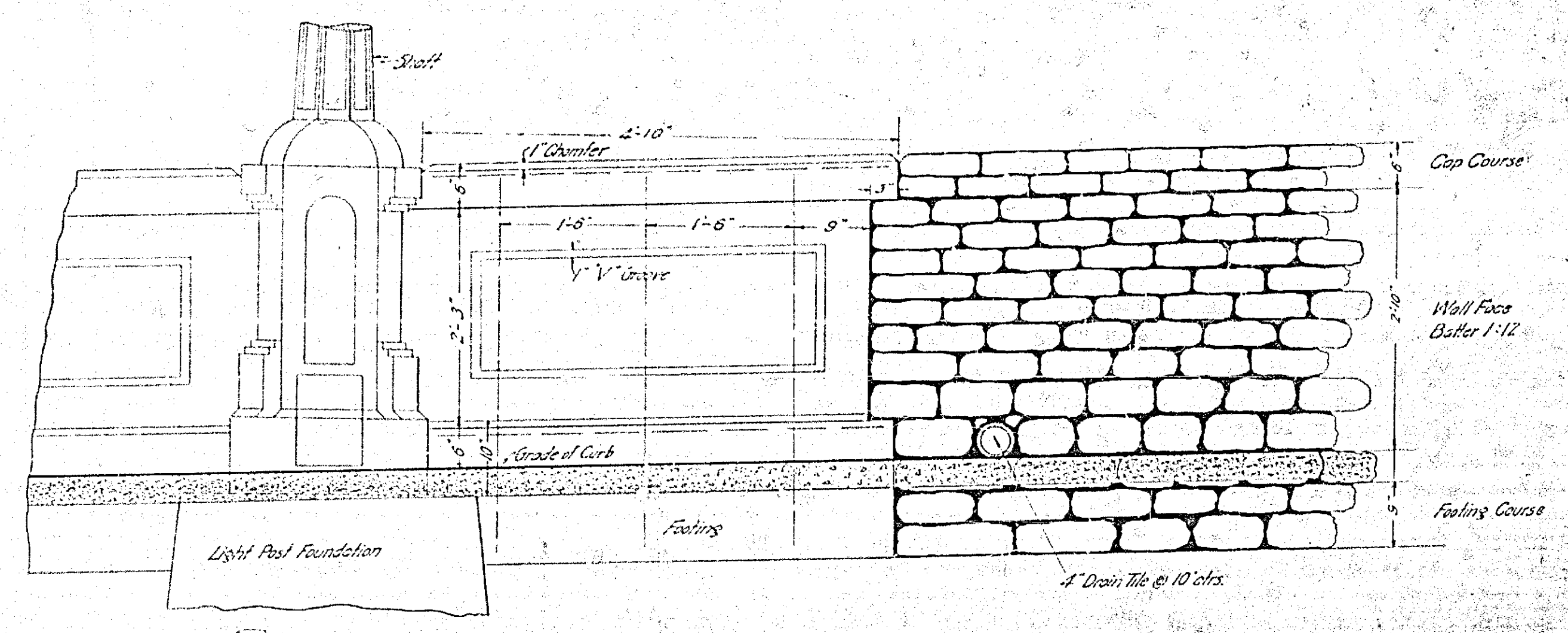
FILE	SUBJECT	SHEET	TOTAL
111-6	San 1872	3	17



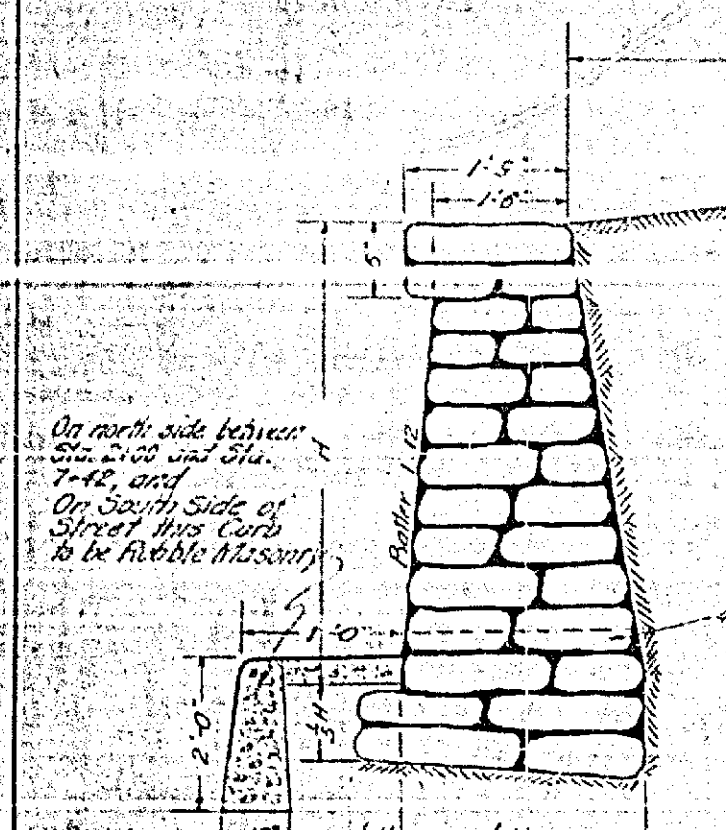
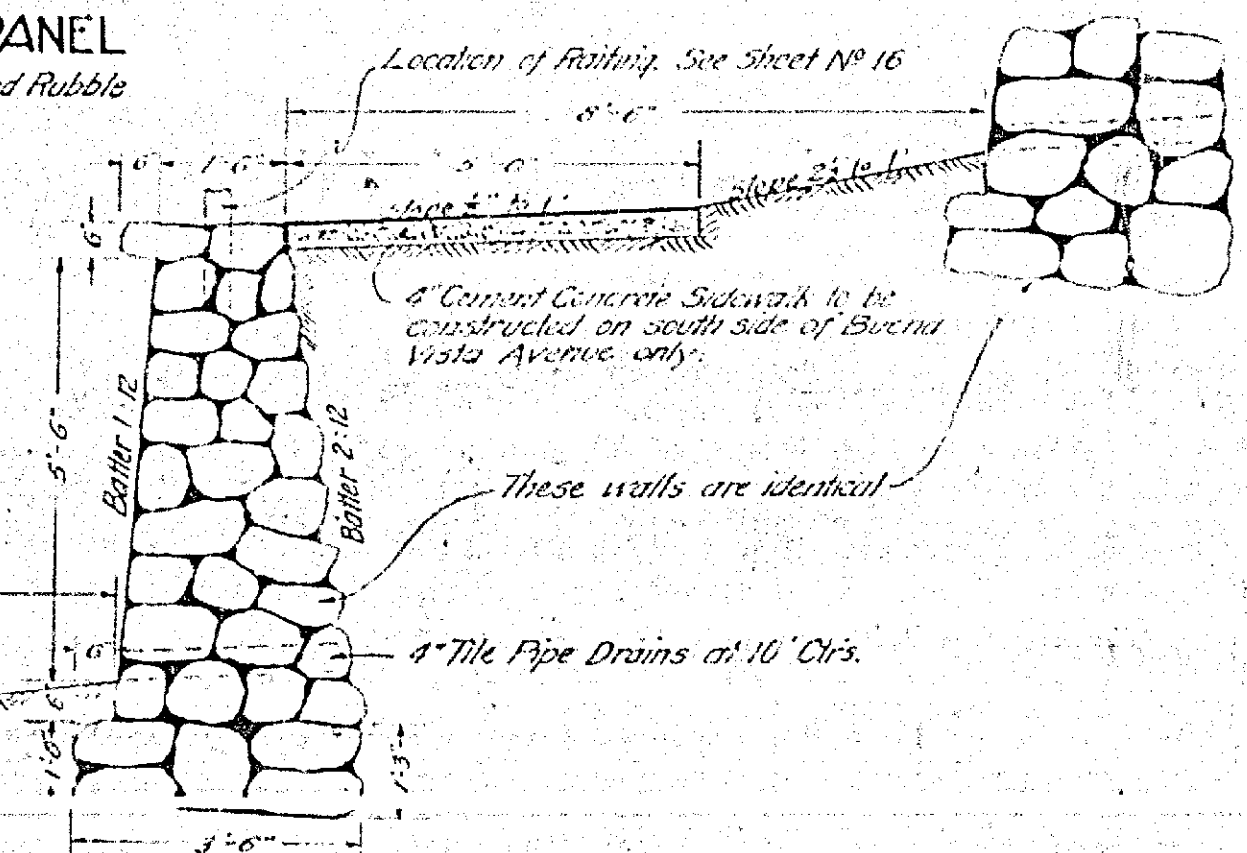
FILE	SUBJECT	SHEET	TOTAL
116 C	Jan 21, 1922	6	17



SECTION OF CONCRETE PANEL
To be constructed between Lt. Stand and Rubble Masonry Wall. See Elevation.
SCALE 1"=1' Ft.

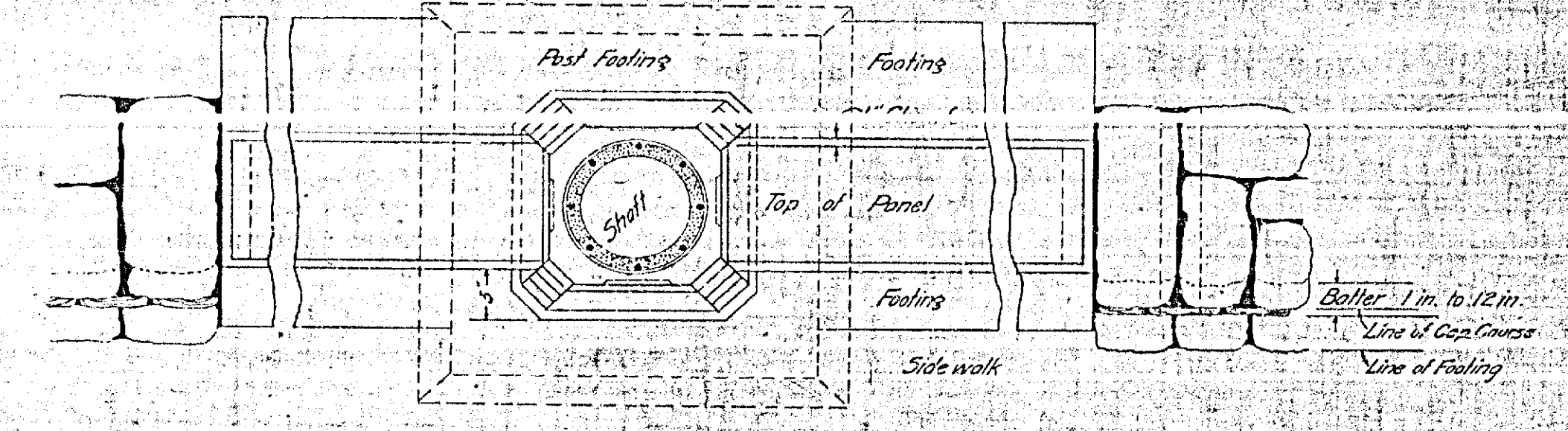


PART ELEVATION
Showing Concrete Panels at Light Standards in Rubble Masonry Wall, on North Side.
SCALE 1"=1' Ft.

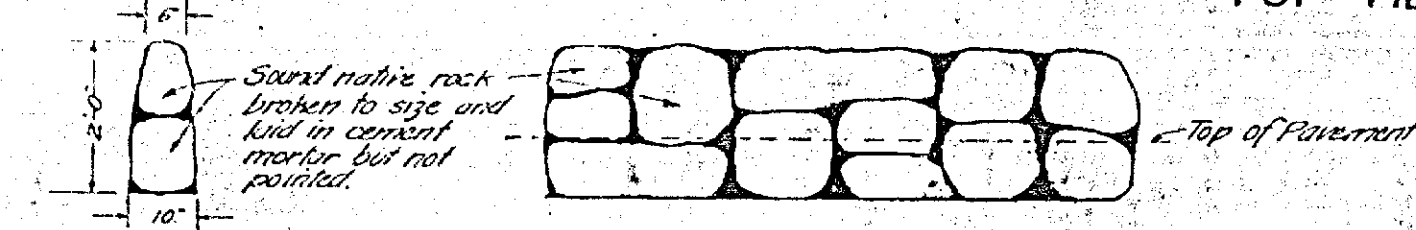


SECTION OF RUBBLE MASONRY WALLS
To be constructed where shown in Plans. Showing method of bracing Banks and location of sidewalk.
SCALE 1"=2' Ft.

NOTE:
7 1/2" x 3" x 8" for wall on north side of improvement, next to curb. Height of other walls as shown hereon and on profile.
Wall on South Side next to curb is variable in height. See profile.
Rubble walls to terminate in a 10' radius curve turned into bank, unless otherwise shown, on plan.
All rubble stone to be laid in mortar but not pointed.

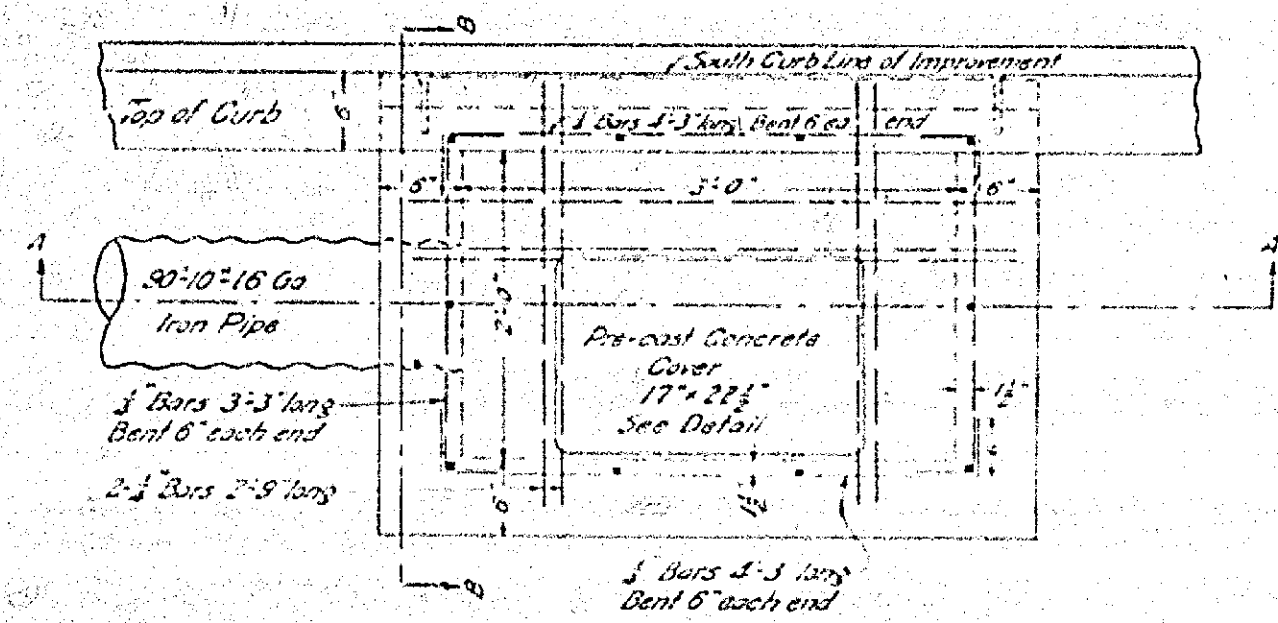


TOP VIEW OF BASE OF LIGHT STANDARD
Showing Alignment of Walls on North Side.
SCALE 1"=1' Ft.



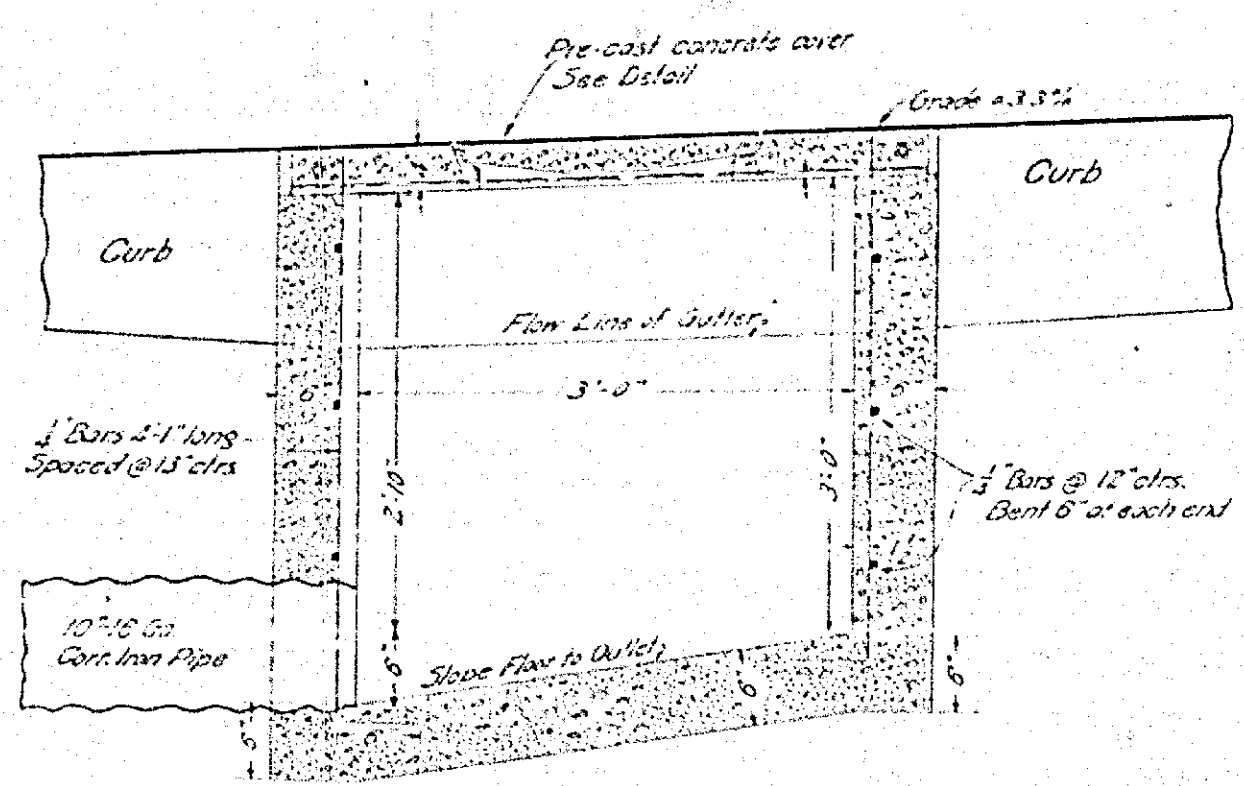
SECTION AND PROFILE OF RUBBLE MASONRY CURB
To be constructed on the south side of Buena Vista Avenue and on north side between Sta 2+00 and Sta 7+42.
Scale 1/2"=1' Ft.

FILE	SUBJECT	SHEET	TOTAL
111-6	A-407-NV2	7	17

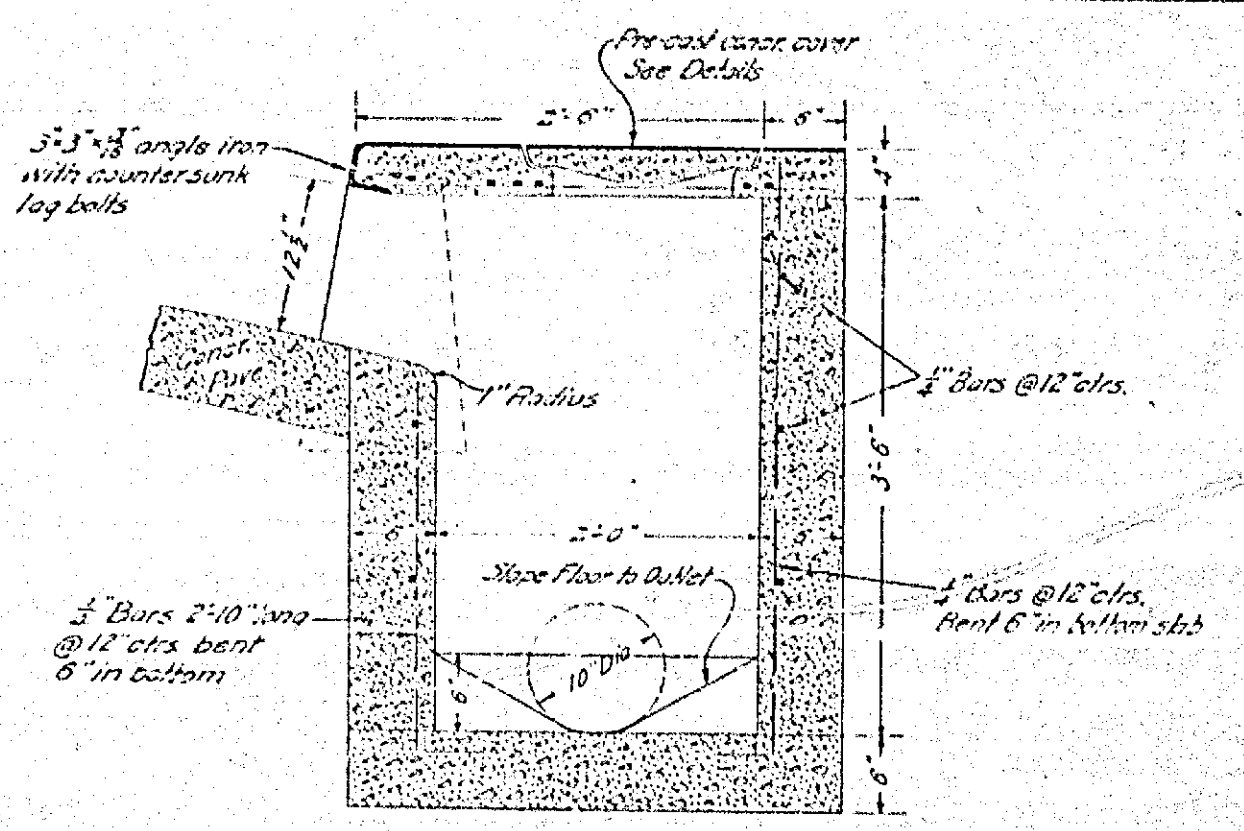


PLAN OF CULVERT INTAKE BOX
To be constructed at Sta 12+22.50 - South Side
SCALE 1"=17'

Same for Culvert Outlet Box at Sta 13+34.5 South Side except no pipe at West end and no cover with top slab reinforcement as shown in longitudinal section.
Same for Culvert Intake Box at Sta 7+28 with pipe outlet on West side only.

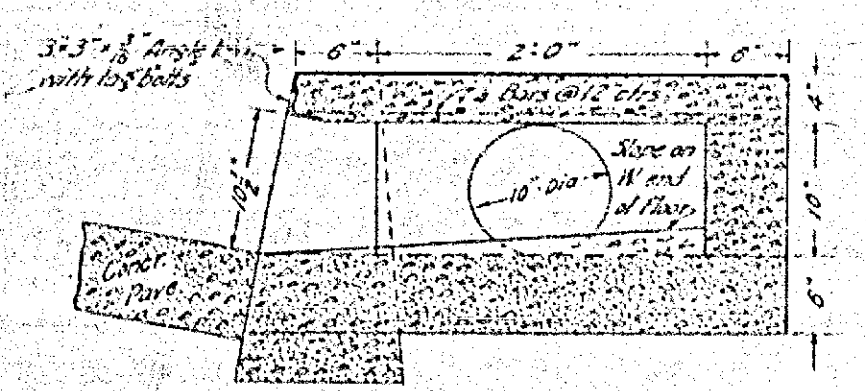


SECTION AT A-A
See Plan

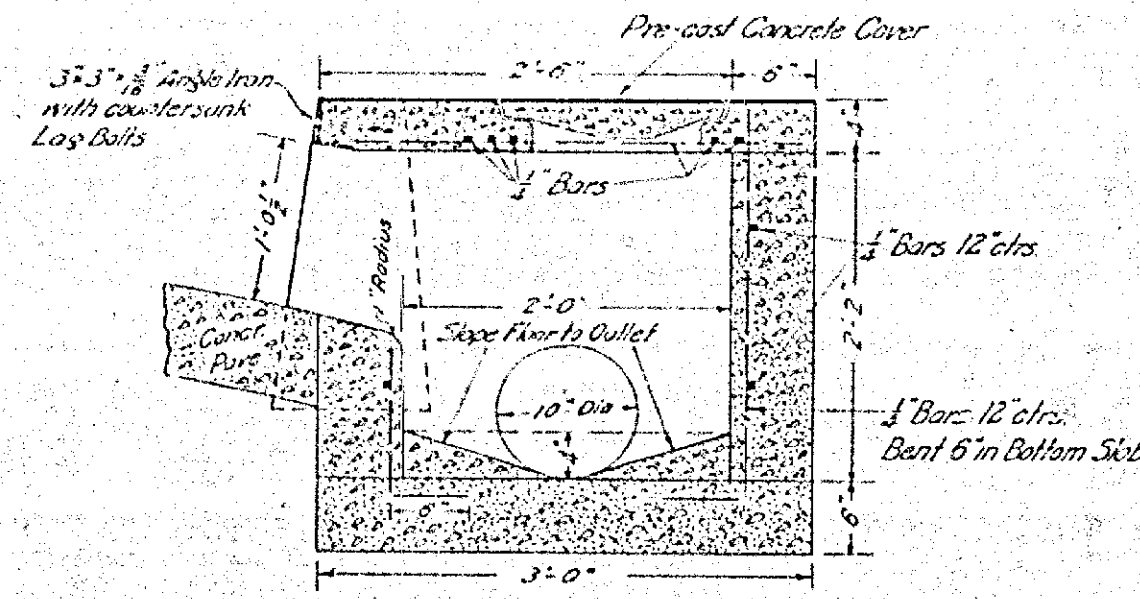


SECTION AT B-B
See Plan

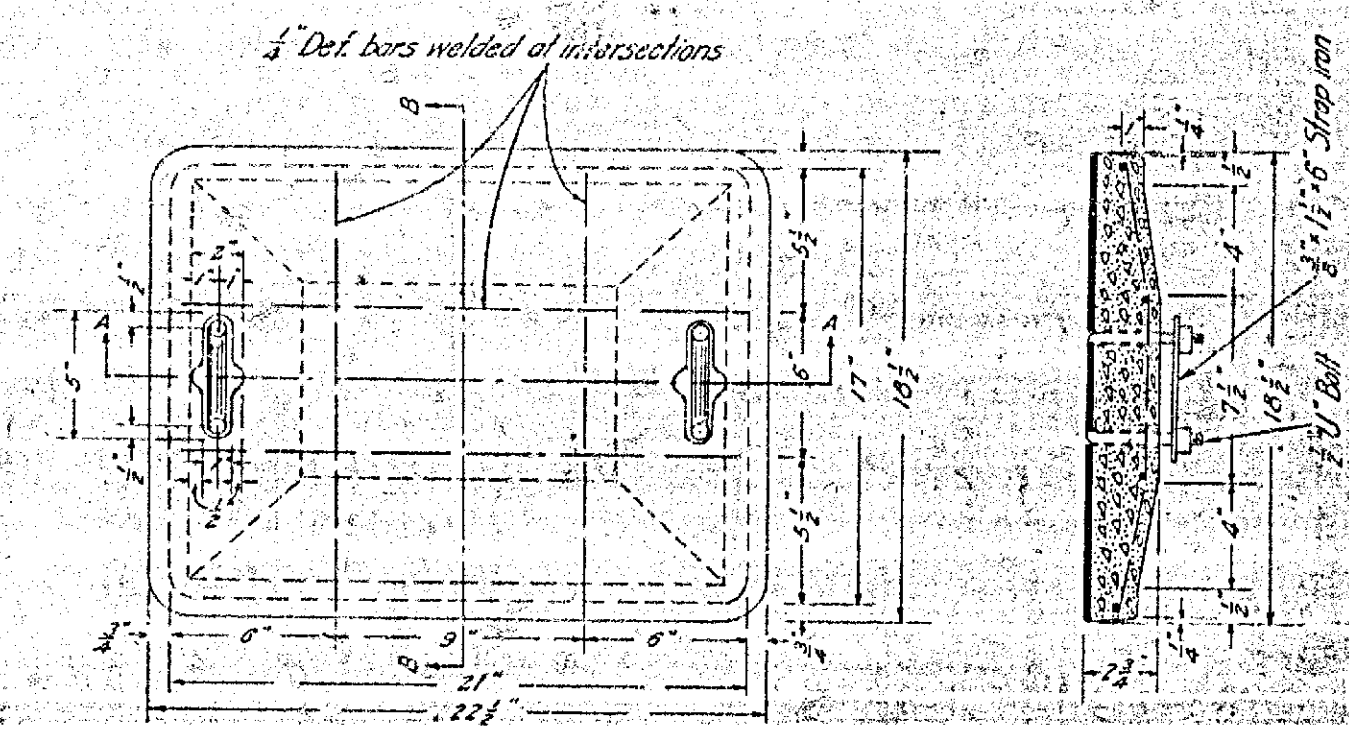
DETAILS OF CULVERT INTAKE BOX
To be constructed at Sta 12+22.50
SCALE 1"=17'



CROSS SECTION
SCALE 1"=17'

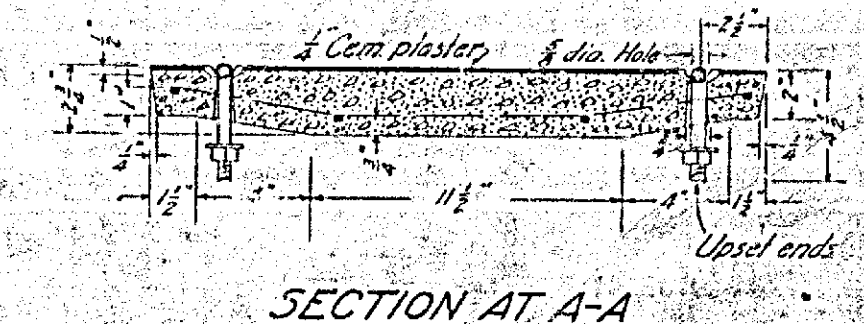


CROSS SECTION



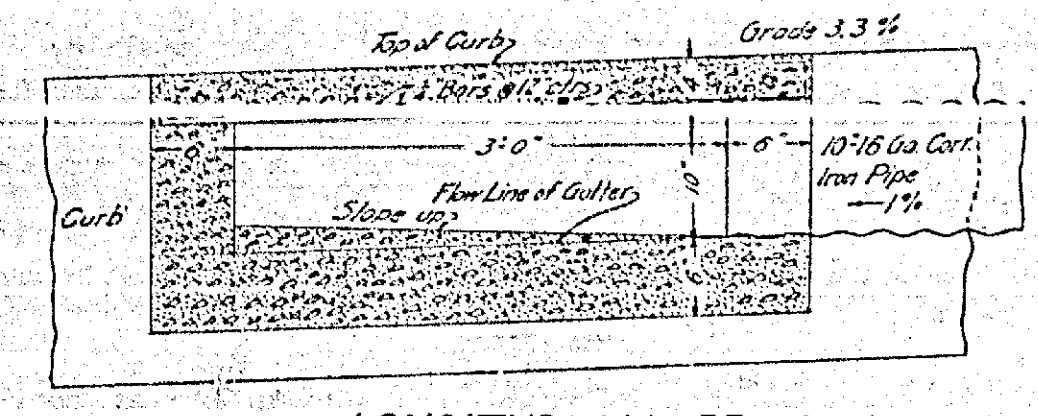
PLAN

SECTION AT B-B



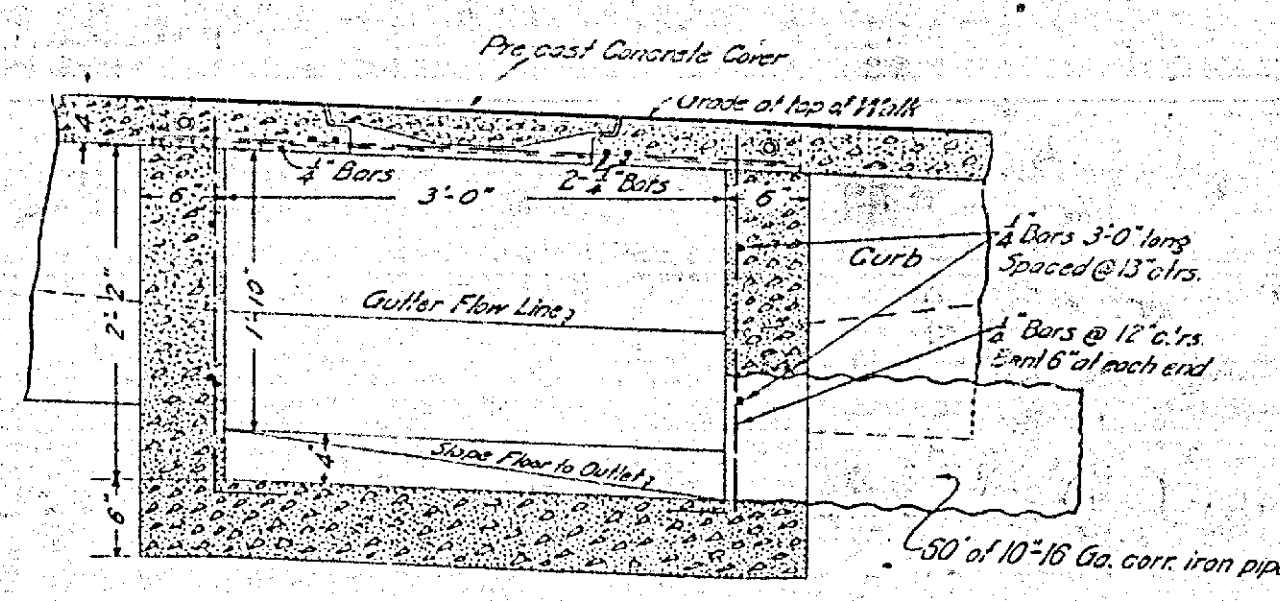
SECTION AT A-A

DETAILS OF CONCRETE CATCH BASIN COVER



LONGITUDINAL SECTION

DETAILS OF CULVERT OUTLET BOX
To be constructed at Sta 13+34.50 - South Side
SCALE 1"=17'



LONGITUDINAL SECTION

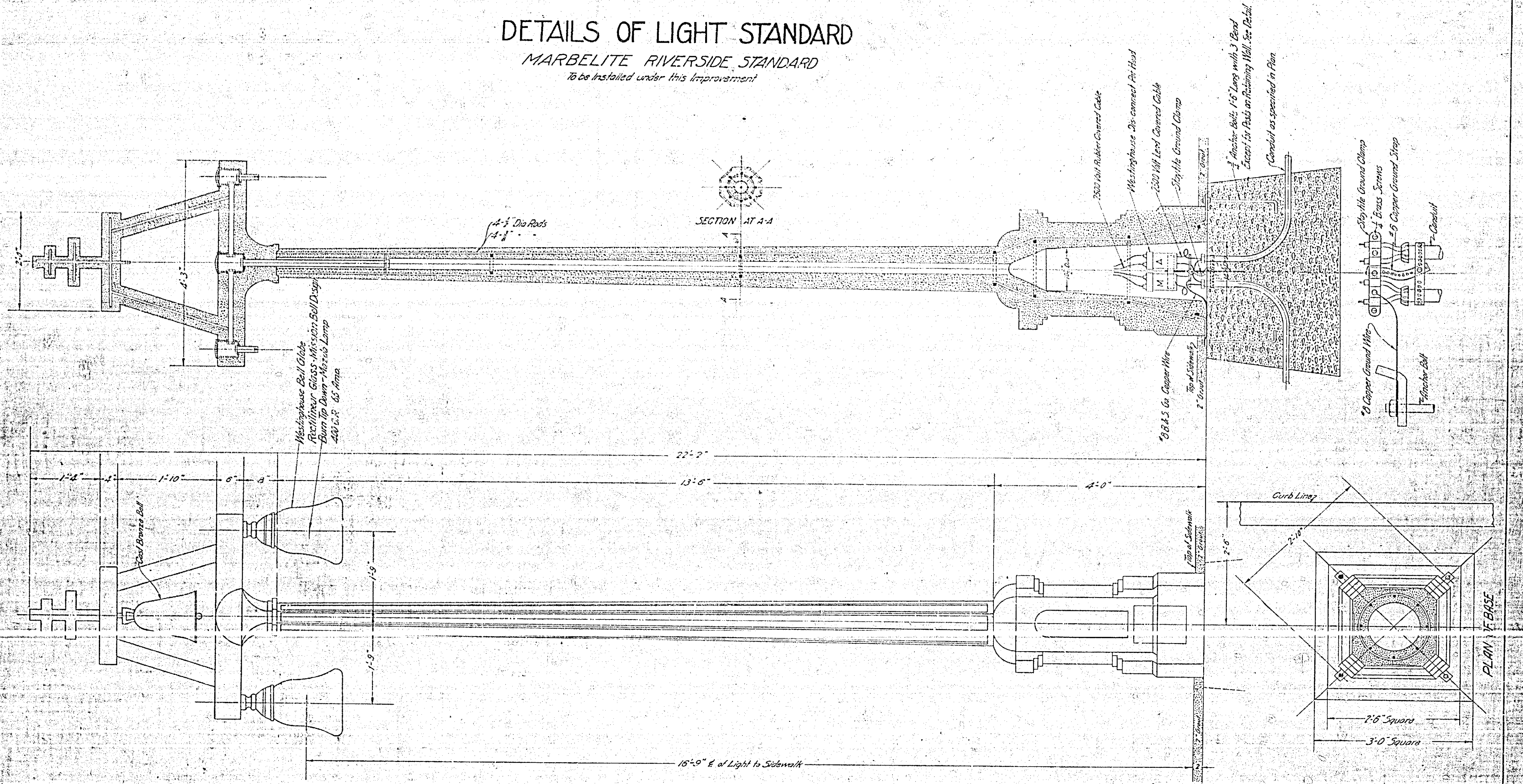
DETAILS OF CULVERT INTAKE BOX
To be constructed at Sta 7+28
SCALE 1"=17'

DETAILS OF LIGHT STANDARD

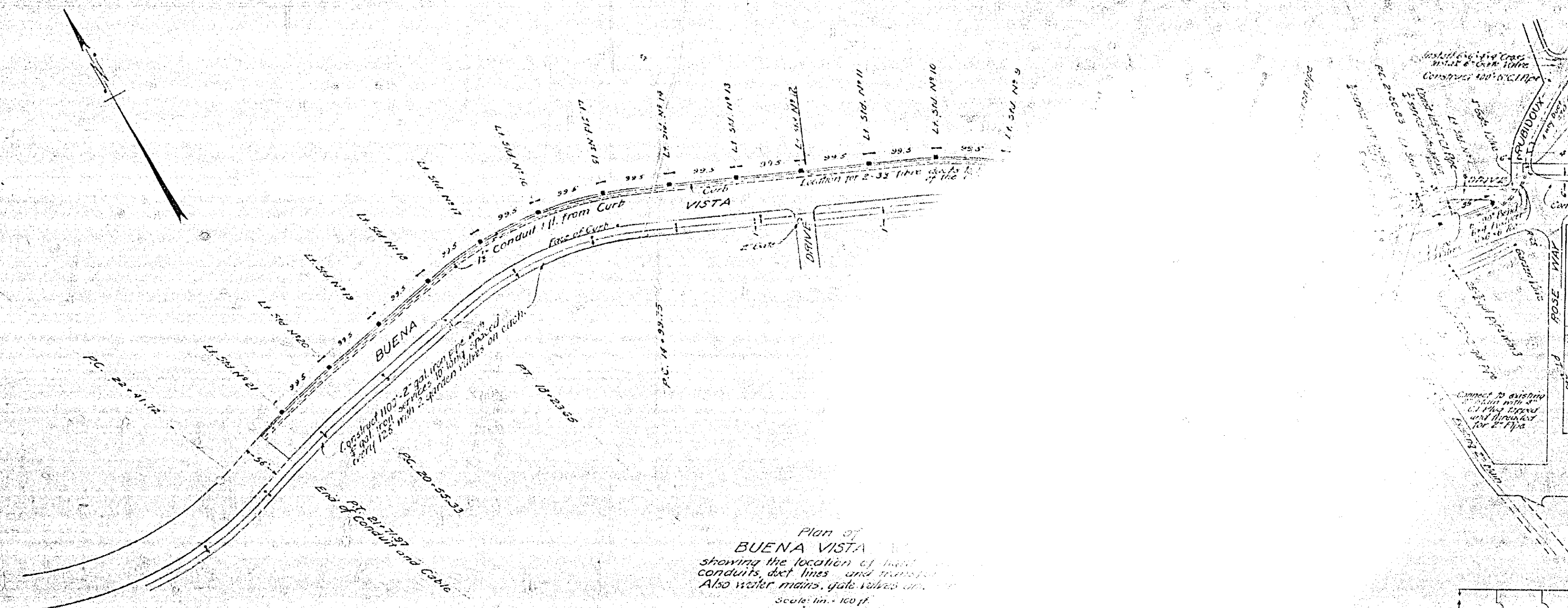
MARBELITE RIVERSIDE STANDARD

To be installed under this Improvement

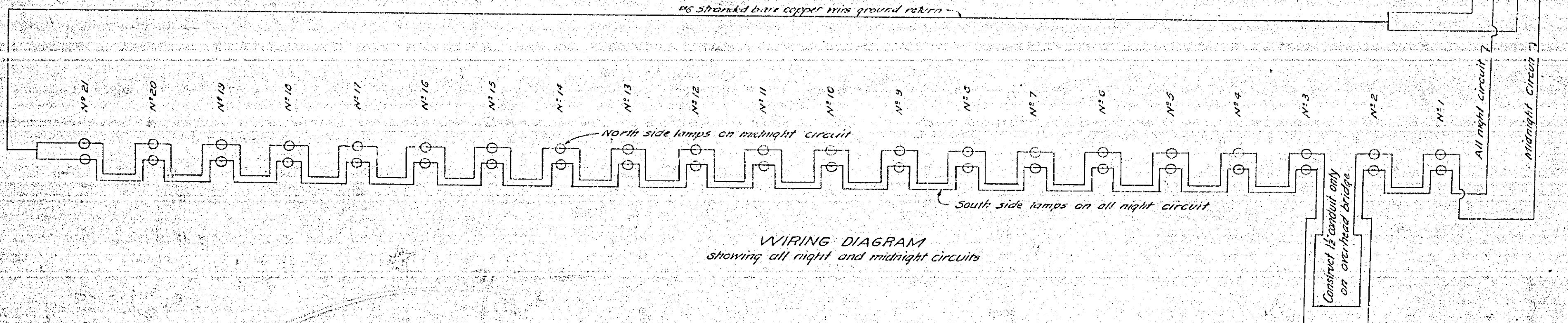
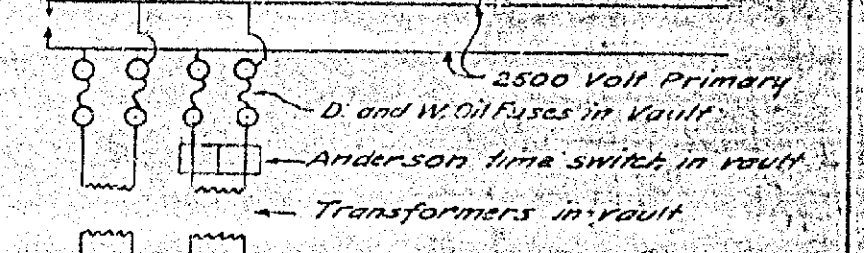
FILE	SUBJECT	SHEET	TOTAL
116-C	24-111-2	8	17

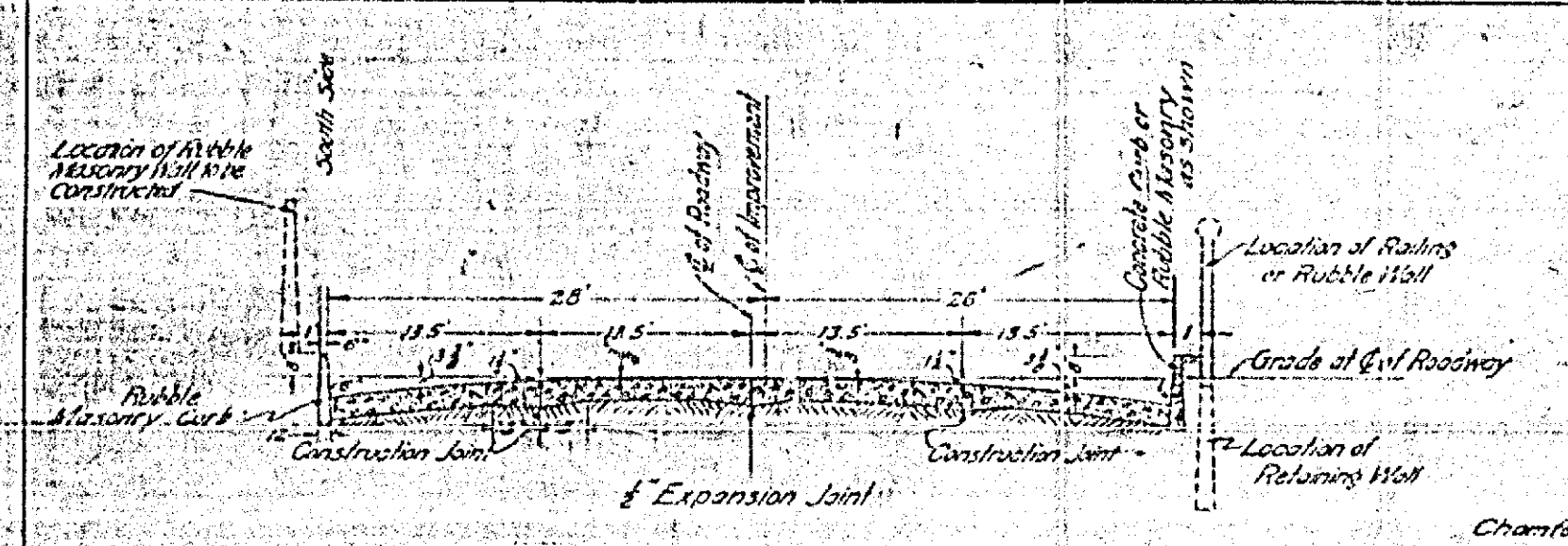


FILE	SUBJECT	SHEET	TOTAL
116-C	AMTR	3	17

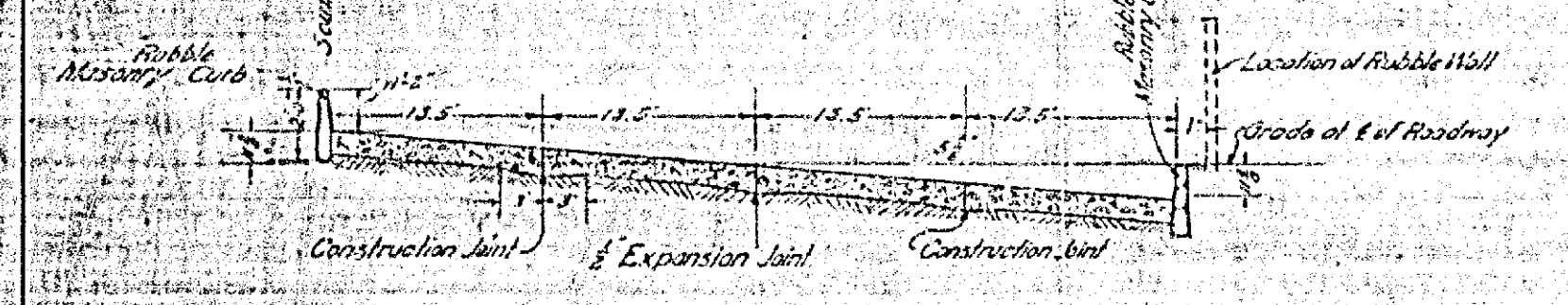


Note: Cable from Feed Pole 35
will start all apparatus
2000 ft. from Feed Pole
to be installed by the Electric
Light Dept. of the City of
Denver at the contractor's expense
4-55' pipe shall be used in concrete.

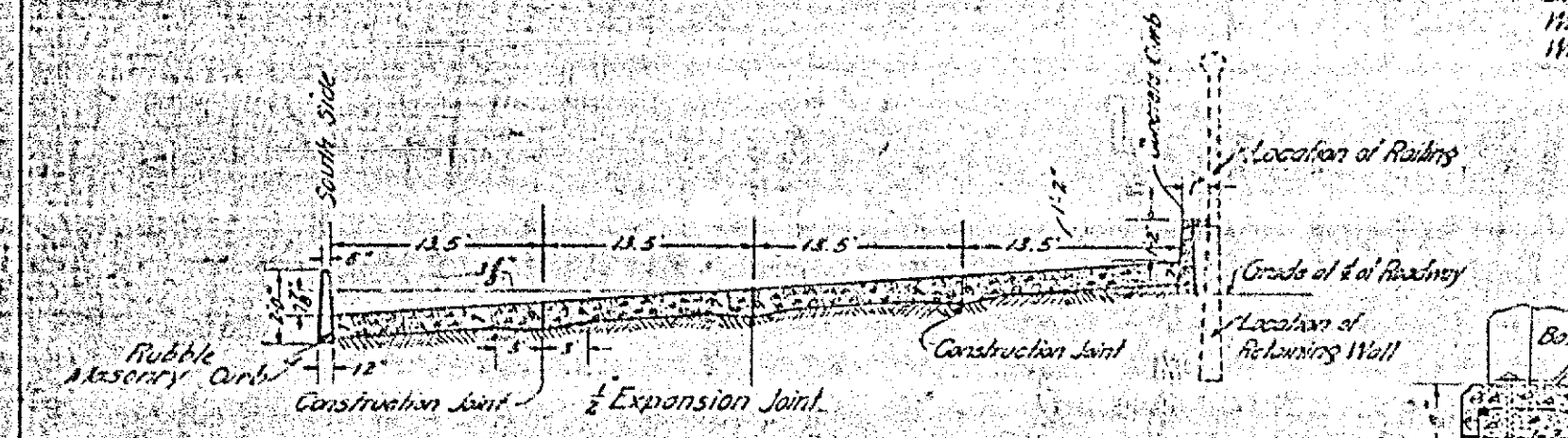




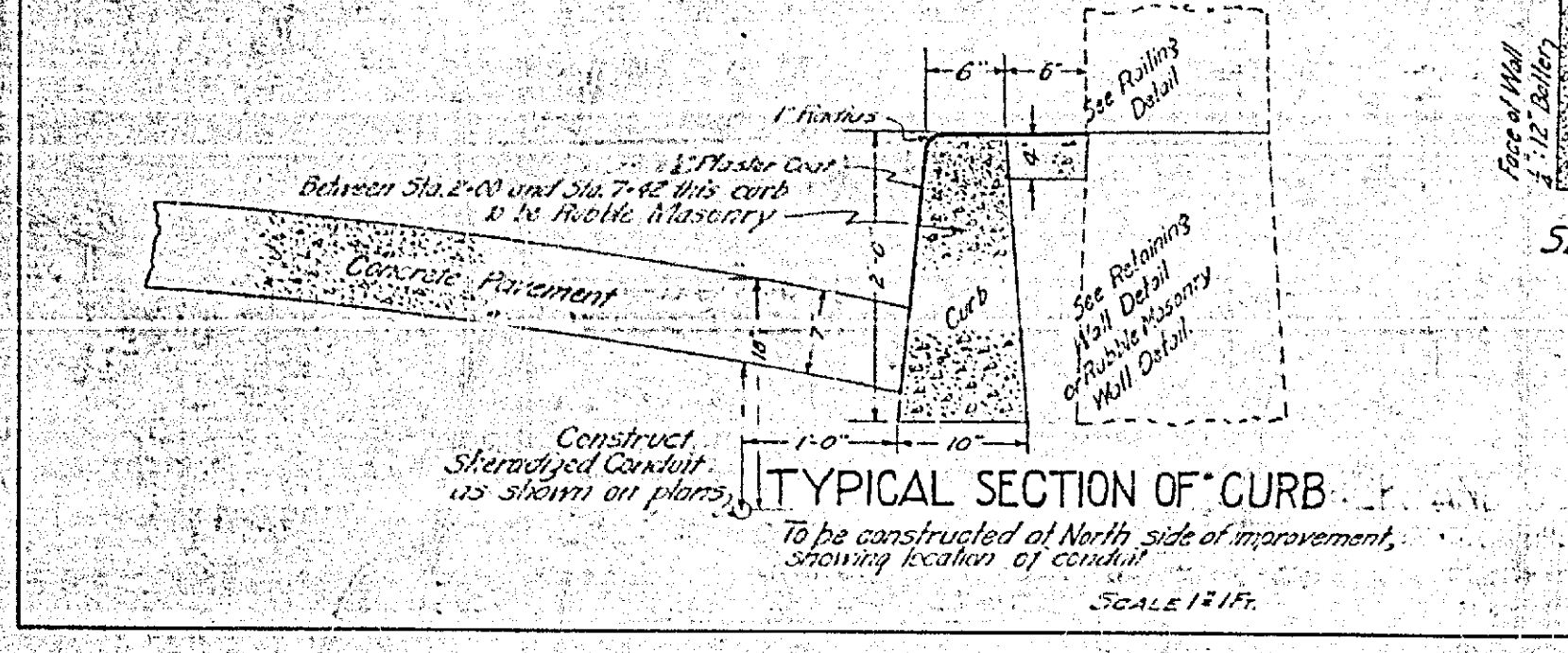
TYPICAL SECTION OF ROADWAY
To be constructed on tangents except where otherwise shown. Also to be constructed between station 20+53.33 and station 21+77.97
Scales: Horiz. 1"=10', Vert. 1"=4'



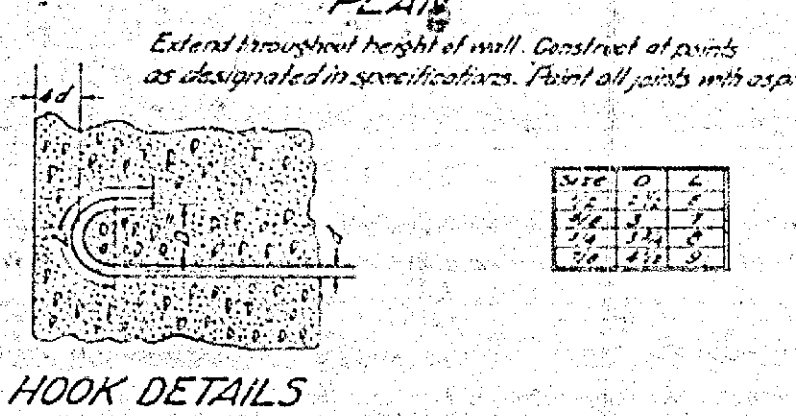
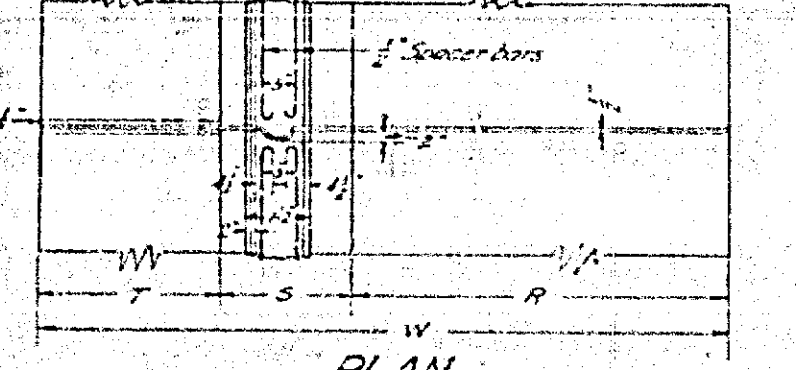
TYPICAL SECTION OF ROADWAY
To be constructed between station 2+80.81 and station 6+52.52
Scales: Horiz. 1"=10', Vert. 1"=4'



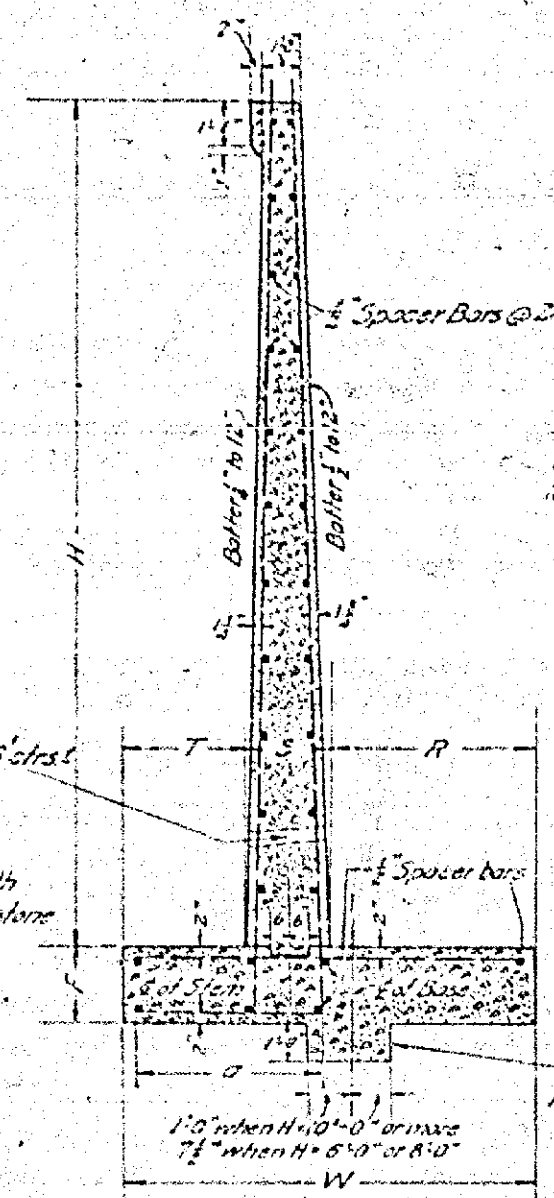
TYPICAL SECTION OF ROADWAY
To be constructed between station 8+60.62 and station 10+59.58
Scales: Horiz. 1"=10', Vert. 1"=4'



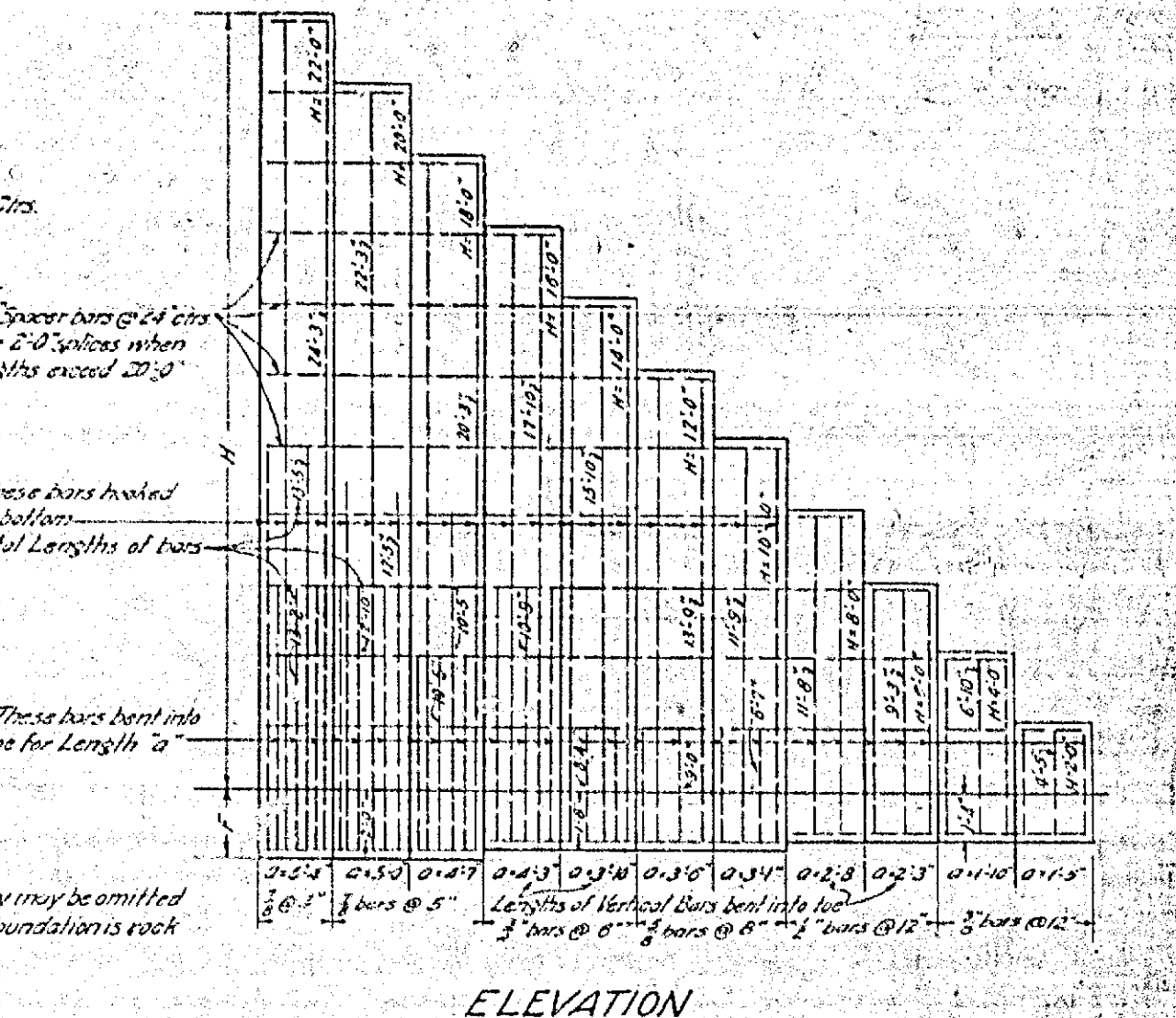
TYPICAL SECTION OF CURB
To be constructed on North side of improvement, showing location of conduit.
SCALE 1"=2'



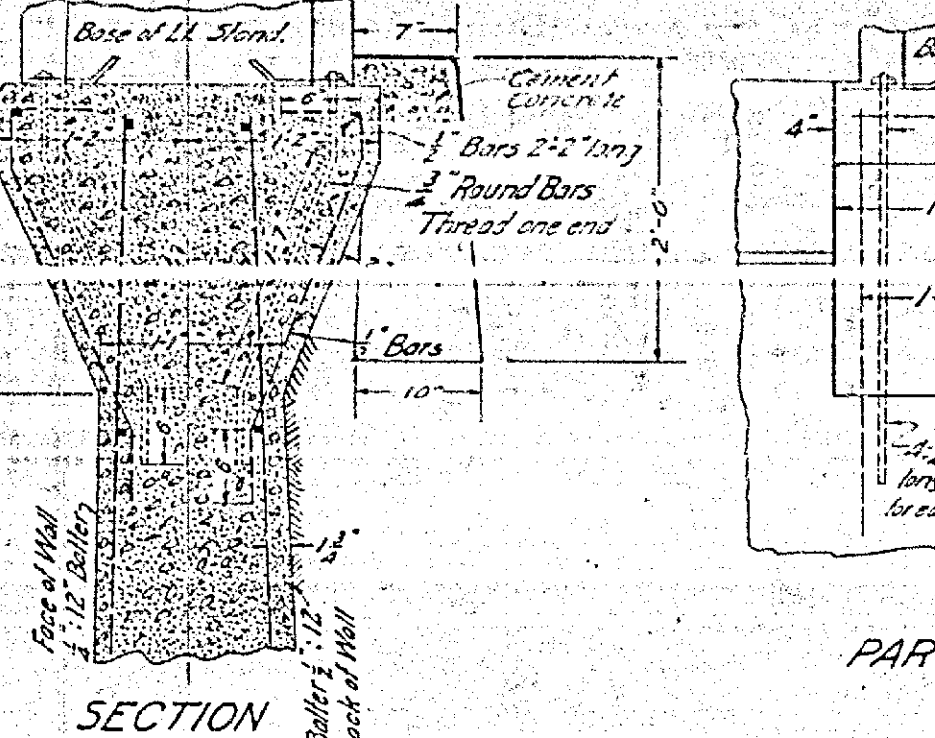
NOTES
When the wall rests on a rock foundation, W can be decreased to 0.4 (W/F=2) making all the reduction in R with T and S unchanged; and all bars in inside face of vertical wall must be bent into toe for length 2'.
Walls designed for the full surcharge.
When top of wall slopes, run 2-# bars along top embedded 2 inches.



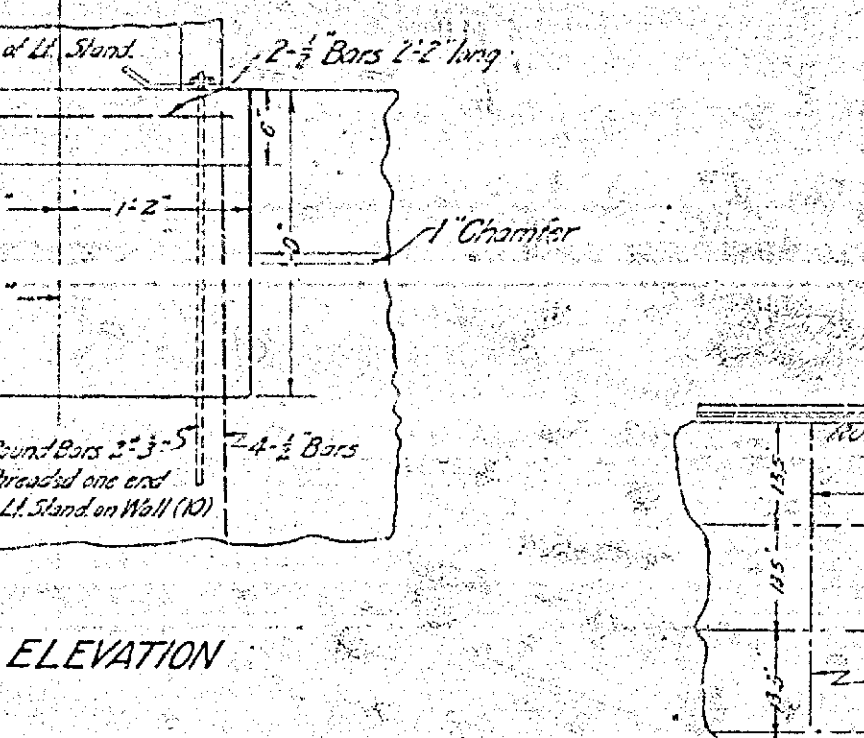
RETAINING WALL DIAGRAMS
Showing Details of Reinforcement



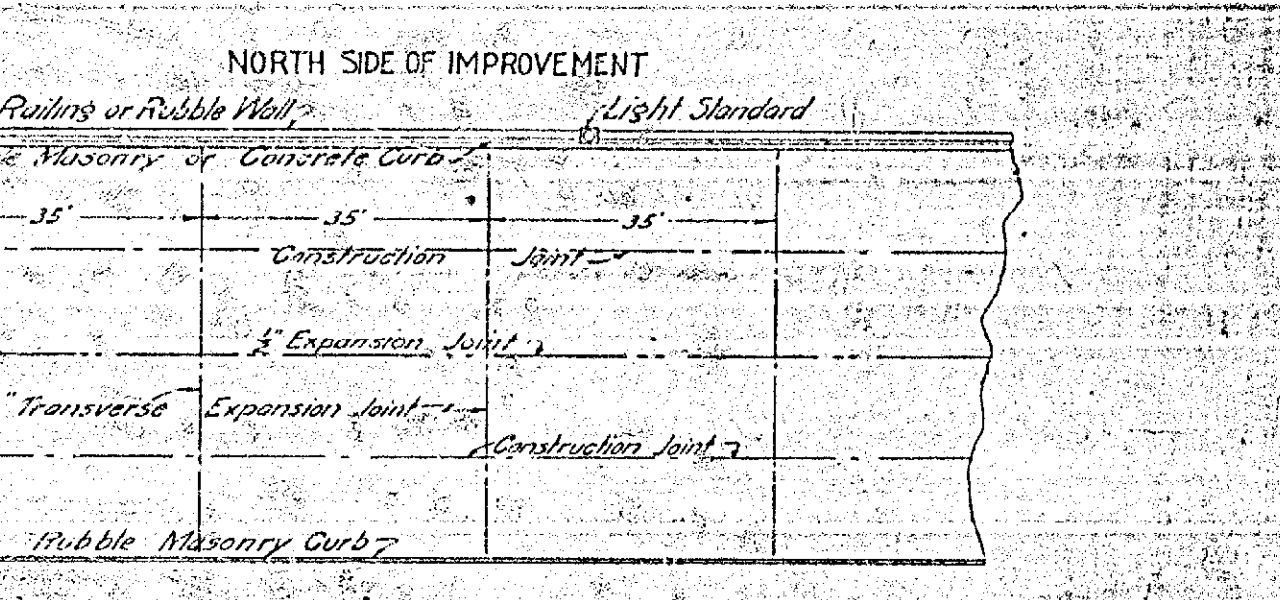
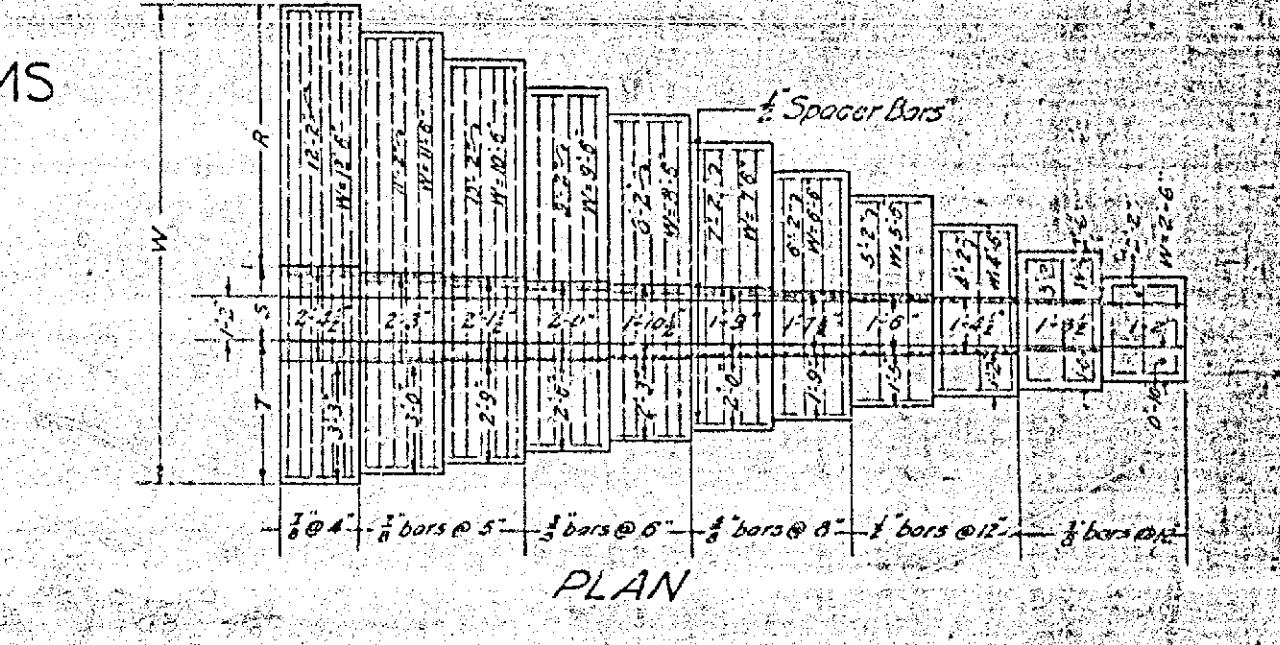
RETAINING WALL DIAGRAMS
Showing Details of Reinforcement



DETAILS OF RETAINING WALL
Showing Method of Supporting Light Standards
SCALE 1"=1'



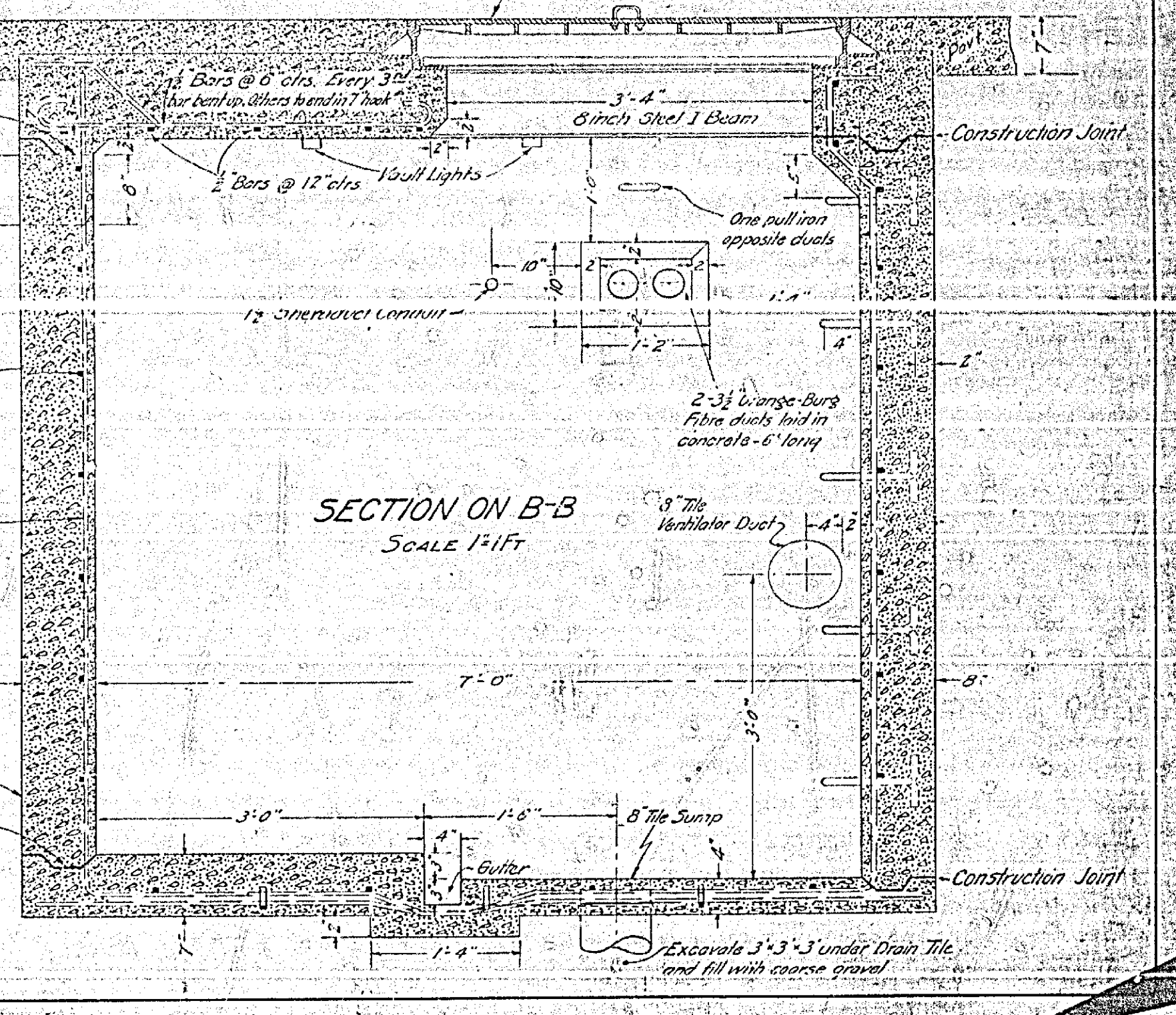
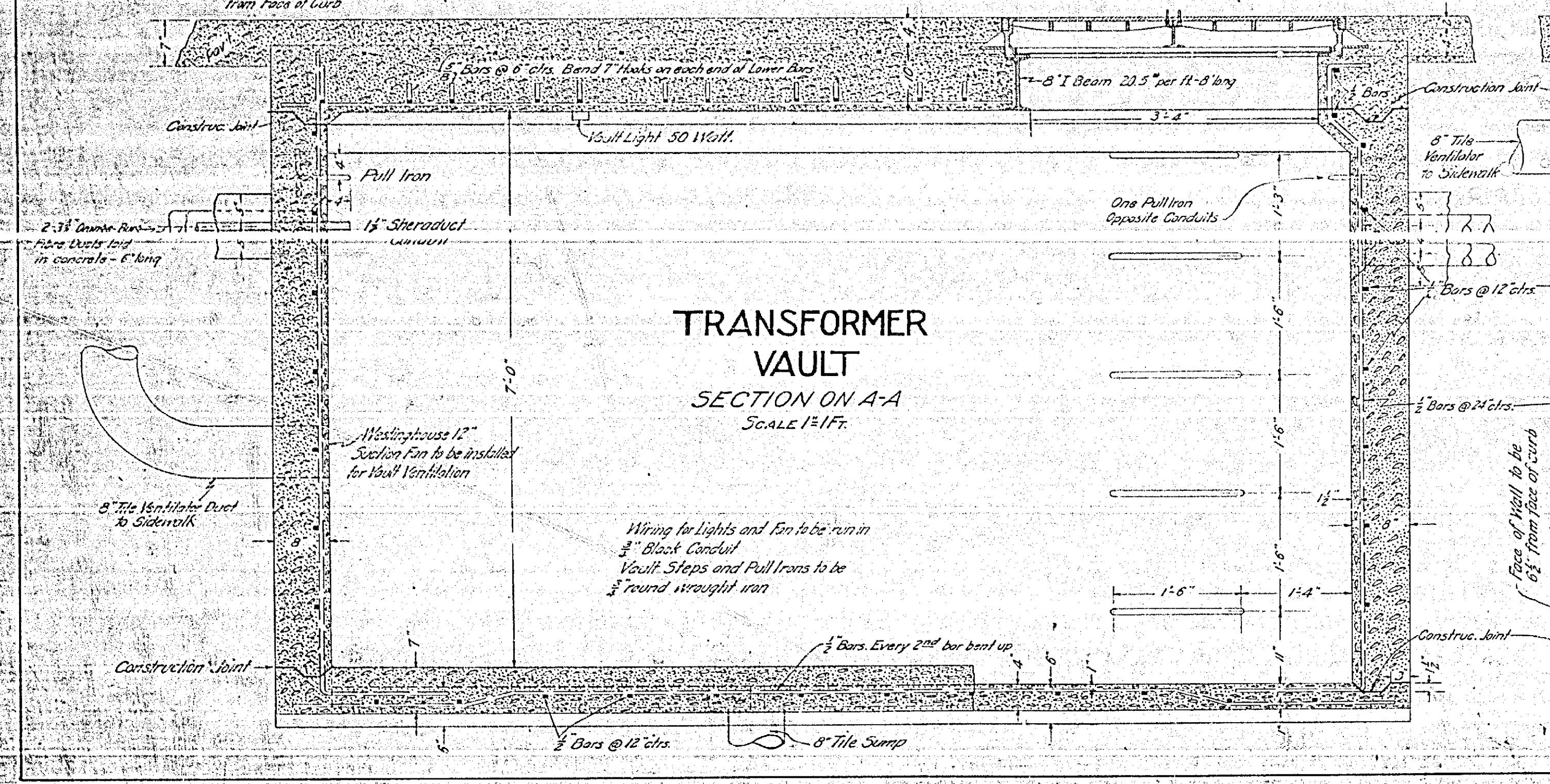
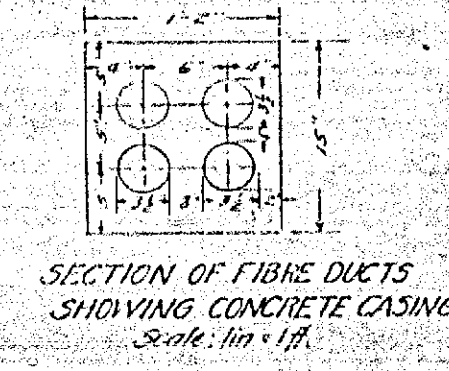
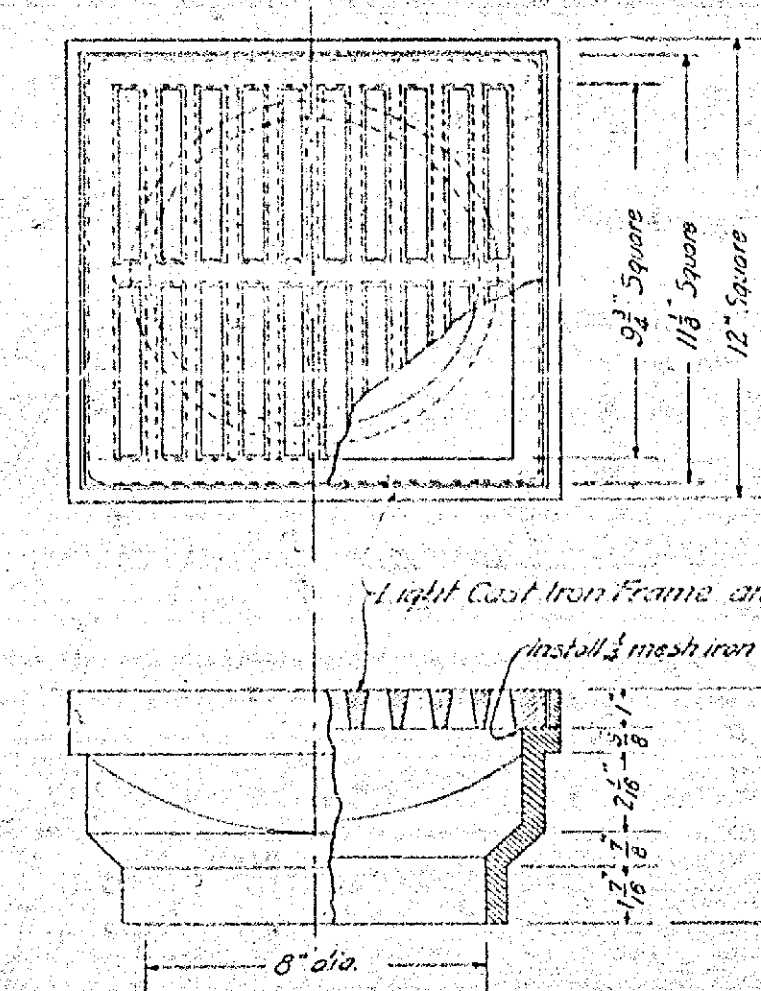
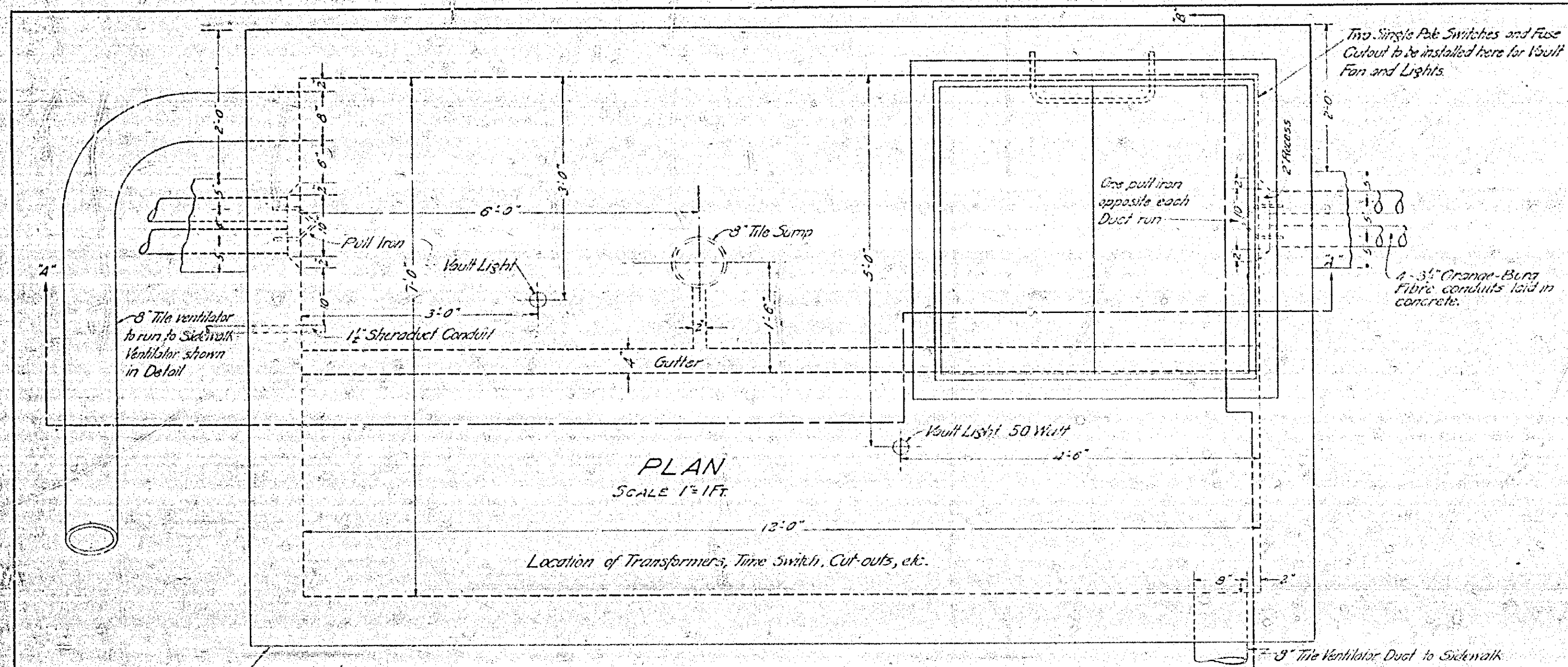
DETAILS OF RETAINING WALL
Showing Method of Supporting Light Standards
SCALE 1"=1'

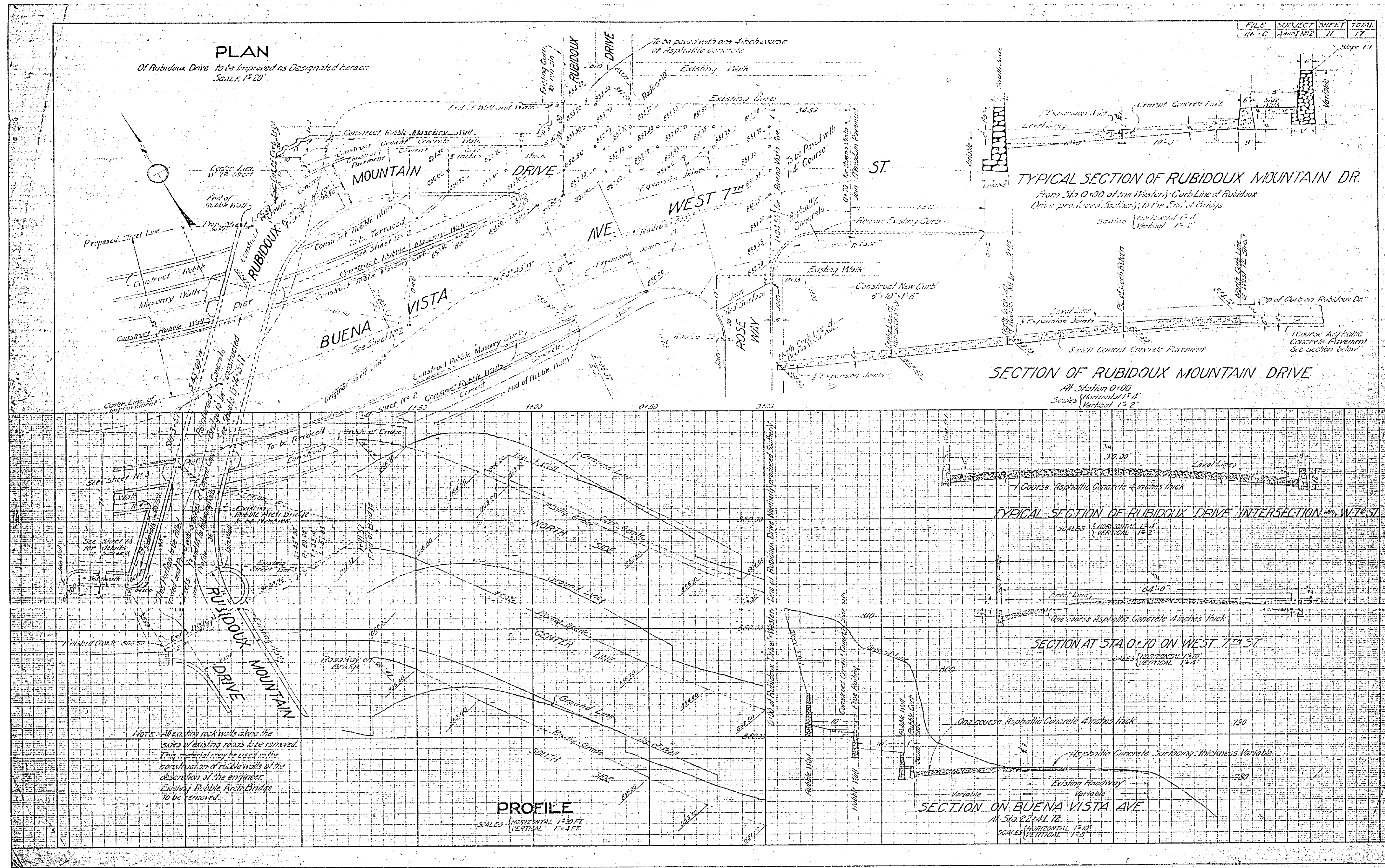


PART PLAN OF IMPROVEMENT
Showing Location of Expansion Joints
SCALE 1"=2'

Note: Transverse expansion joints shall also be placed opposite to wall, and any manholes which may be constructed apart from these proceedings.

FILE	SUBJECT	SHEET	TOTAL
116-C	ANNEX NO 2	10	17





PLAN

Of Rubidoux Drive to be improved as Designated herein
 Scale 1" = 20'

FILE	SUBJECT	SHEET	TOTAL
116-G	2-10-18-2	11	17

TYPICAL SECTION OF RUBIDOUX MOUNTAIN DR.

From Sta. 0+00 of the Historic Curb Line of Rubidoux Drive produced Southward, to the End of Bridge.
 Scales: Horizontal 1" = 10' Vertical 1" = 2'

SECTION OF RUBIDOUX MOUNTAIN DRIVE

At Station 0+00
 Scales: Horizontal 1" = 10' Vertical 1" = 2'

TYPICAL SECTION OF RUBIDOUX DRIVE INTERSECTION WITH WEST 7TH ST.

Scales: Horizontal 1" = 10' Vertical 1" = 2'

SECTION AT STA. 0+70 ON WEST 7TH ST.

Scales: Horizontal 1" = 10' Vertical 1" = 2'

SECTION ON BUENA VISTA AVE.

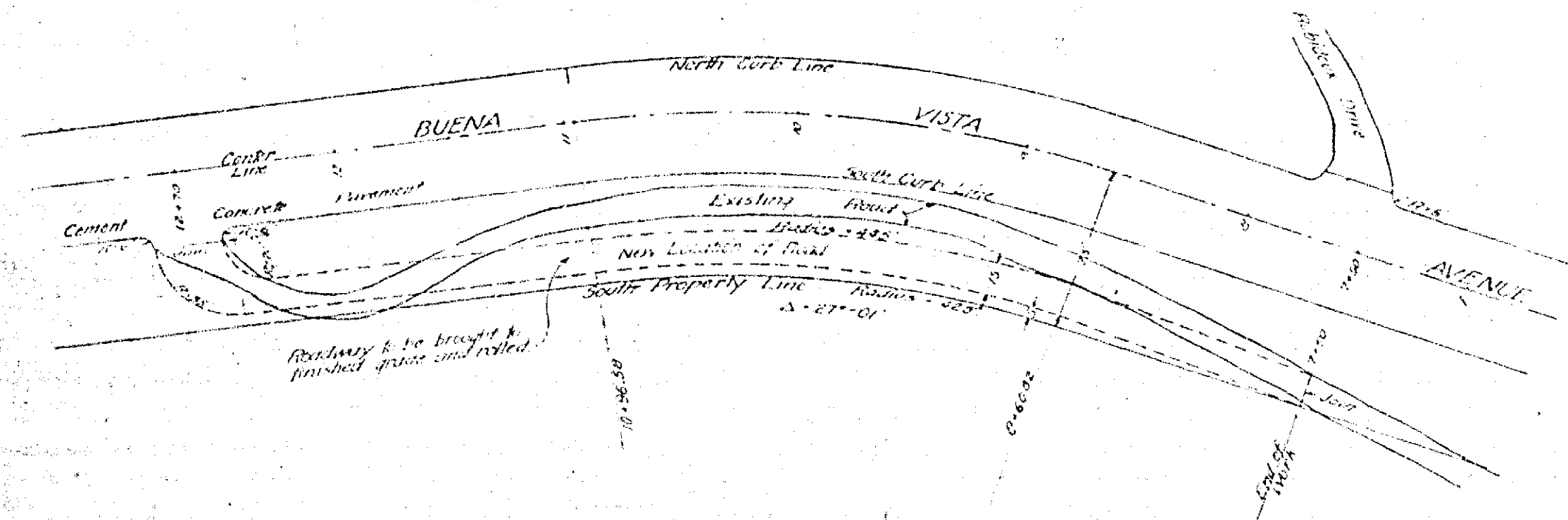
At Sta. 22+11.72
 Scales: Horizontal 1" = 10' Vertical 1" = 2'

PROFILE

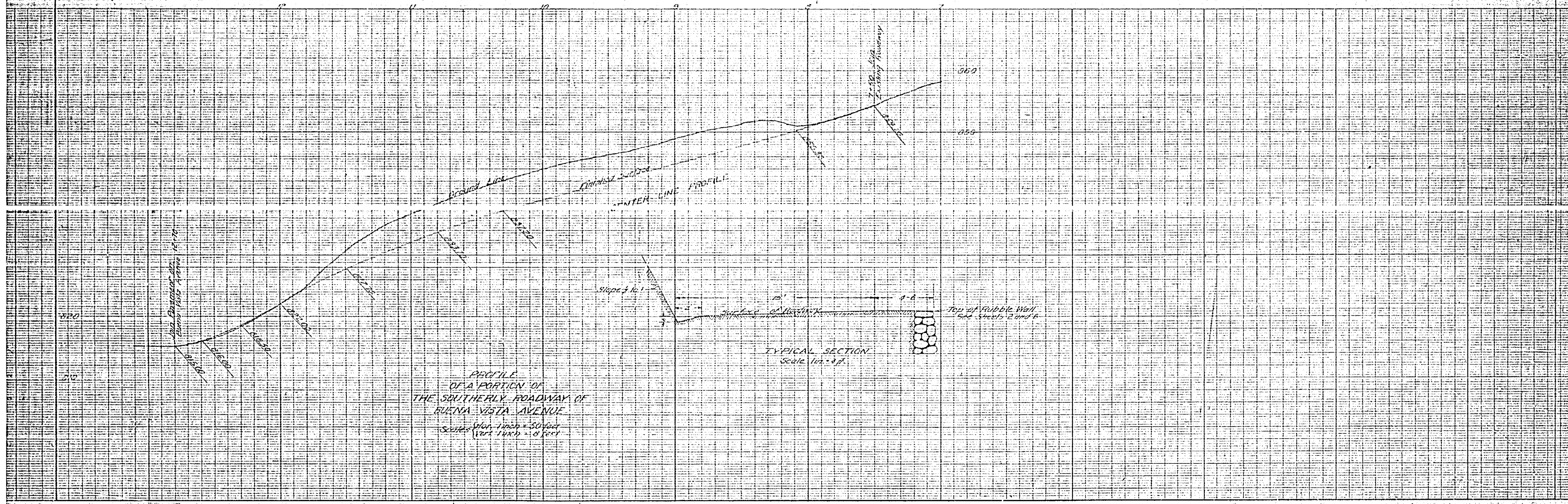
Scales: Horizontal 1" = 20' Vertical 1" = 10'

Note: All existing rock walls along the sides of existing roads to be removed. This material may be used in the construction of rubble walls at the discretion of the engineer. Existing Rubble Arch Bridges to be removed.

FILE SUBJECT NO. 110732
 116-C A.M.P. 14 '17



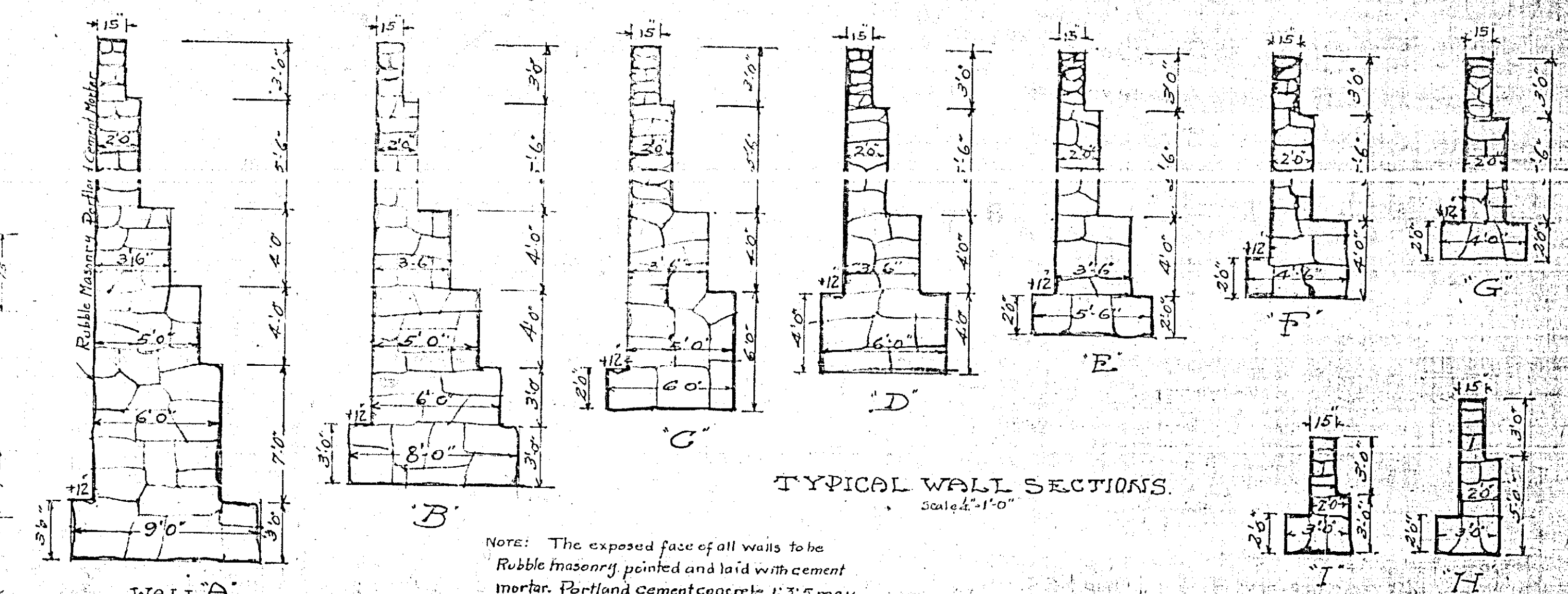
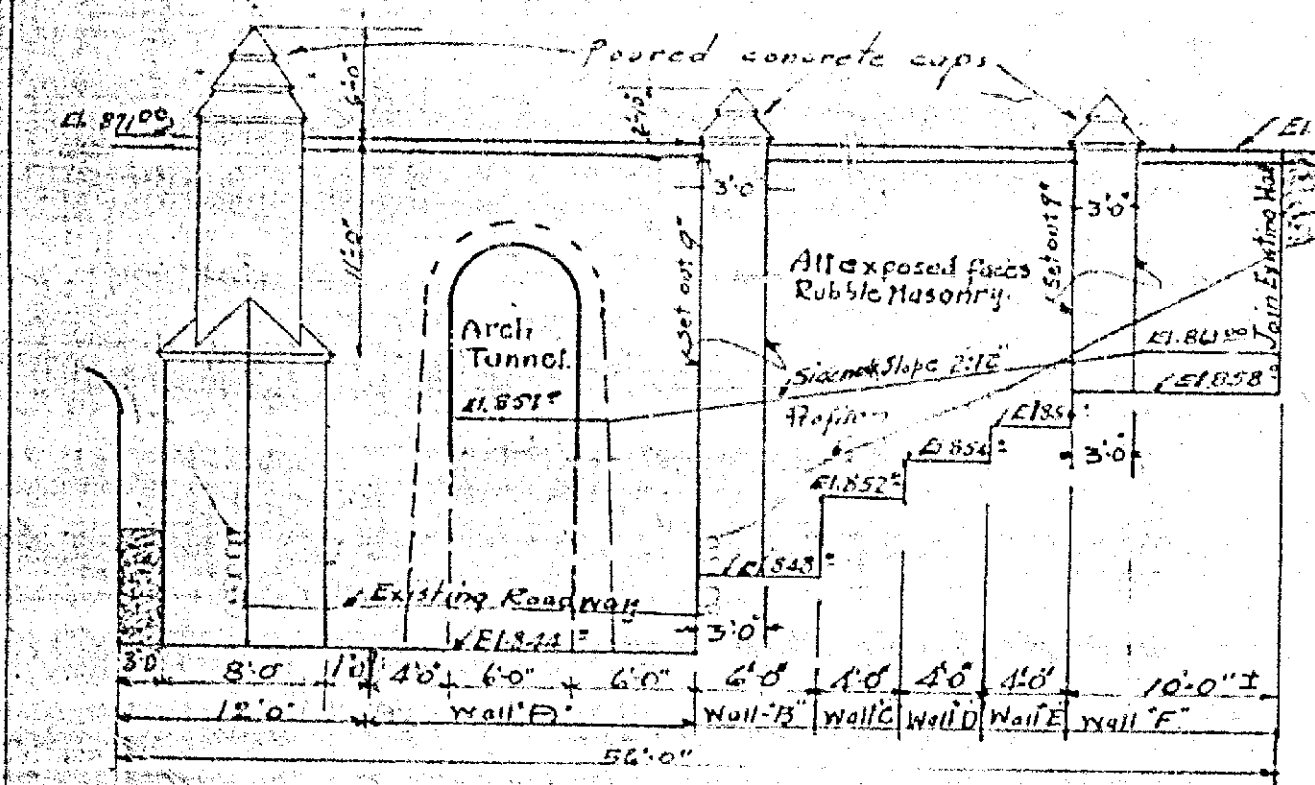
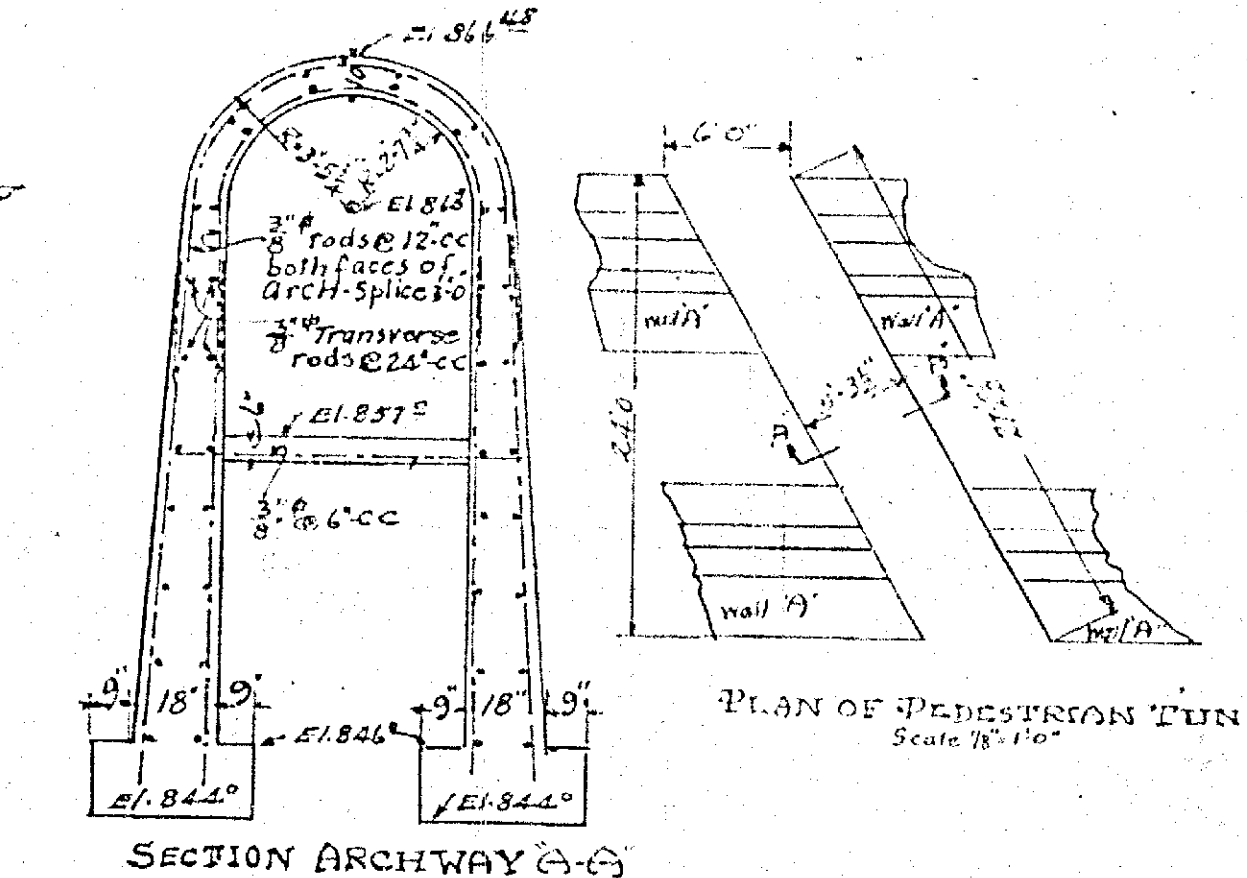
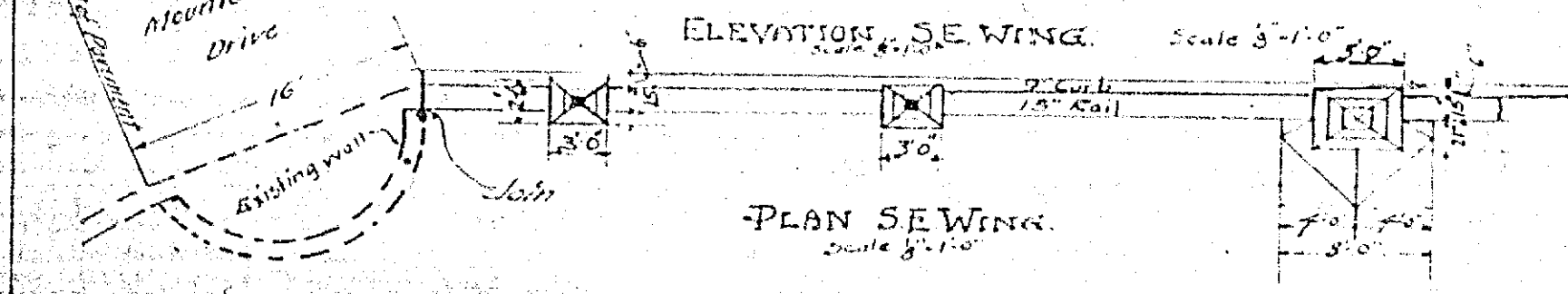
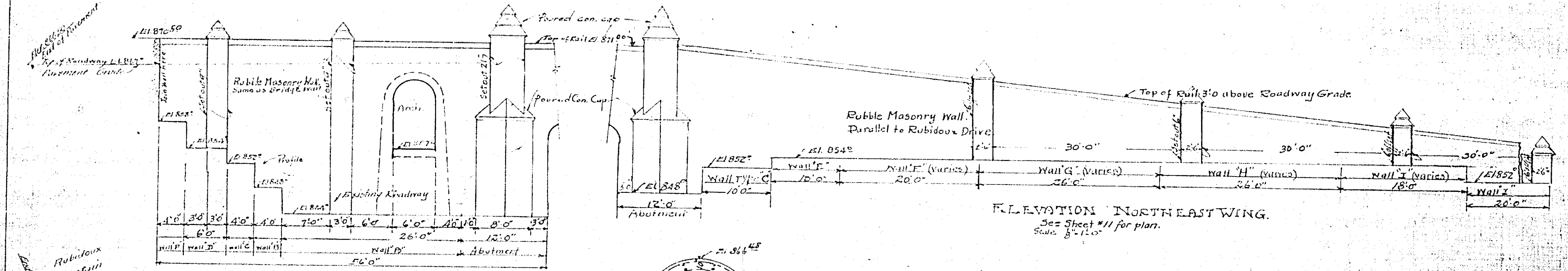
PLAN
 SHOWING NEW LOCATION OF
 A PORTION OF
 THE SOUTHERLY ROADWAY OF
 BUENA VISTA AVENUE
 Scale 1 inch = 30 feet



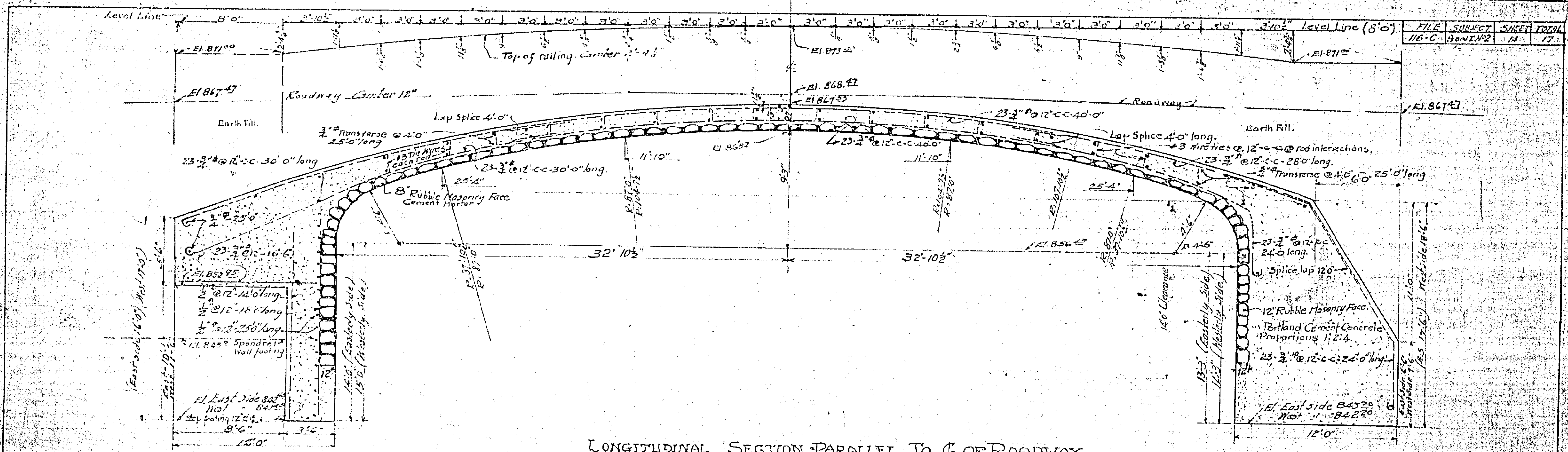
PROFILE
 OF A PORTION OF
 THE SOUTHERLY ROADWAY OF
 BUENA VISTA AVENUE
 Scale Plan 1 inch = 30 feet
 Scale 1 inch = 10 feet

TYPICAL SECTION
 Scale 1 in. = 4 ft

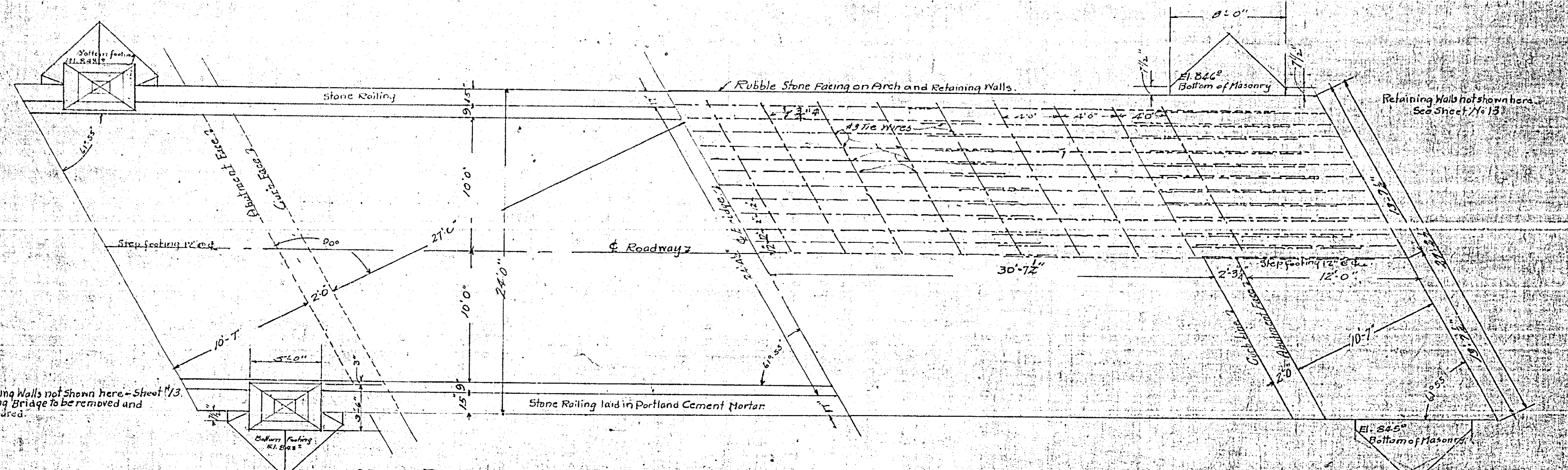
FILE	SUBJECT	SHEET	TOTAL
116-C	ROADWAY	13	17



Note: The exposed face of all walls to be Rubble masonry pointed and laid with cement mortar. Portland cement concrete 1:3:5 may be used for footings and backing rubble stone face.

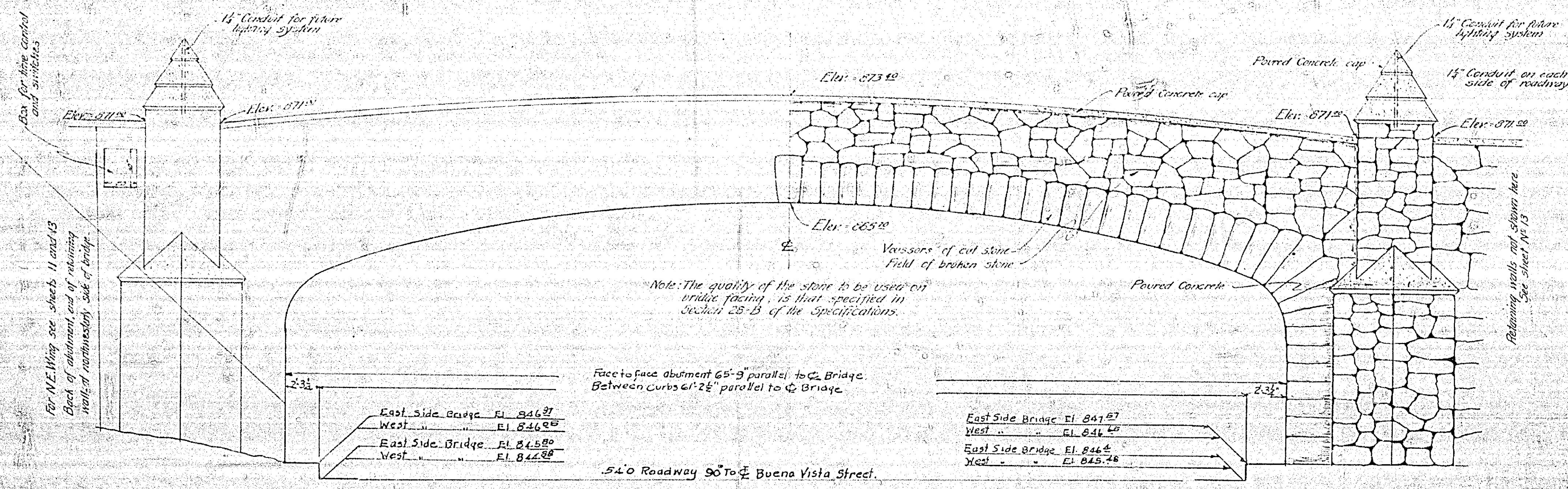


LONGITUDINAL SECTION PARALLEL TO C OF ROADWAY.
Scale 1/4" = 1'-0"



HALF ROADWAY PLAN.
Scale 1/4" = 1'-0"

PART PLAN SHOWING FOUNDATIONS AND REINFORCING.



Note: The quality of the stone to be used on bridge facing is that specified in Section 28-B of the Specifications.

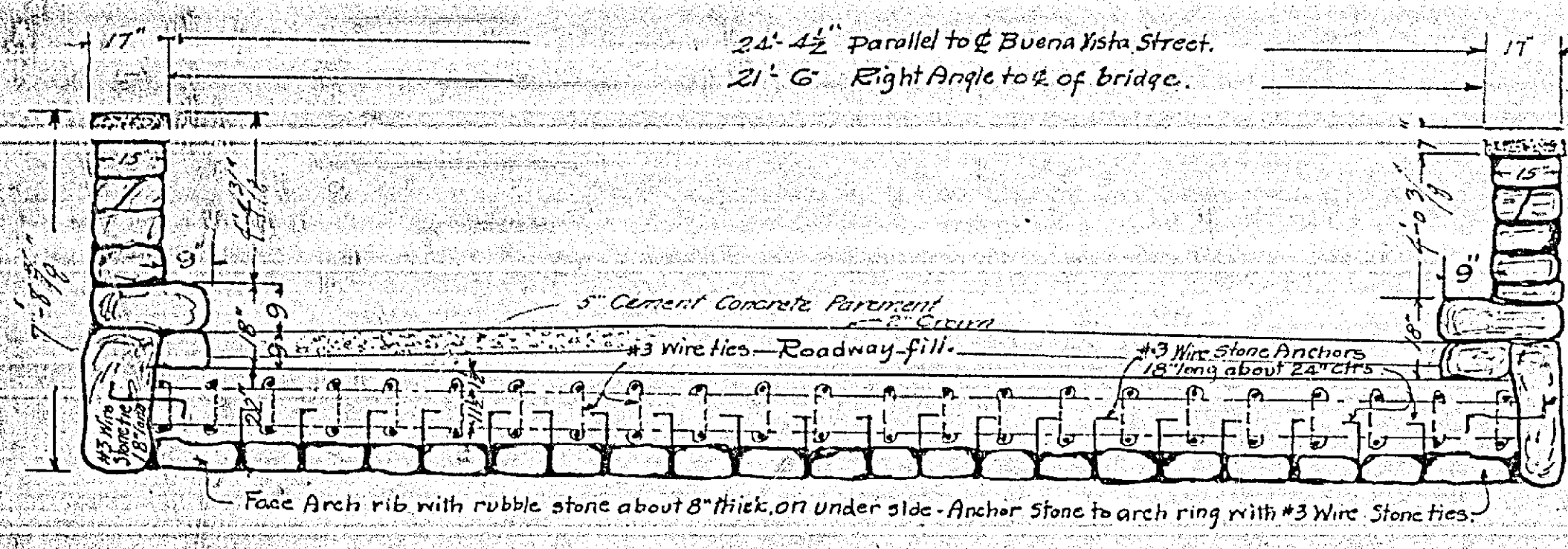
Face to face abutment 65'-9\"/>

East Side Bridge	El. 846.27
West	El. 846.05
East Side Bridge	El. 845.80
West	El. 846.28

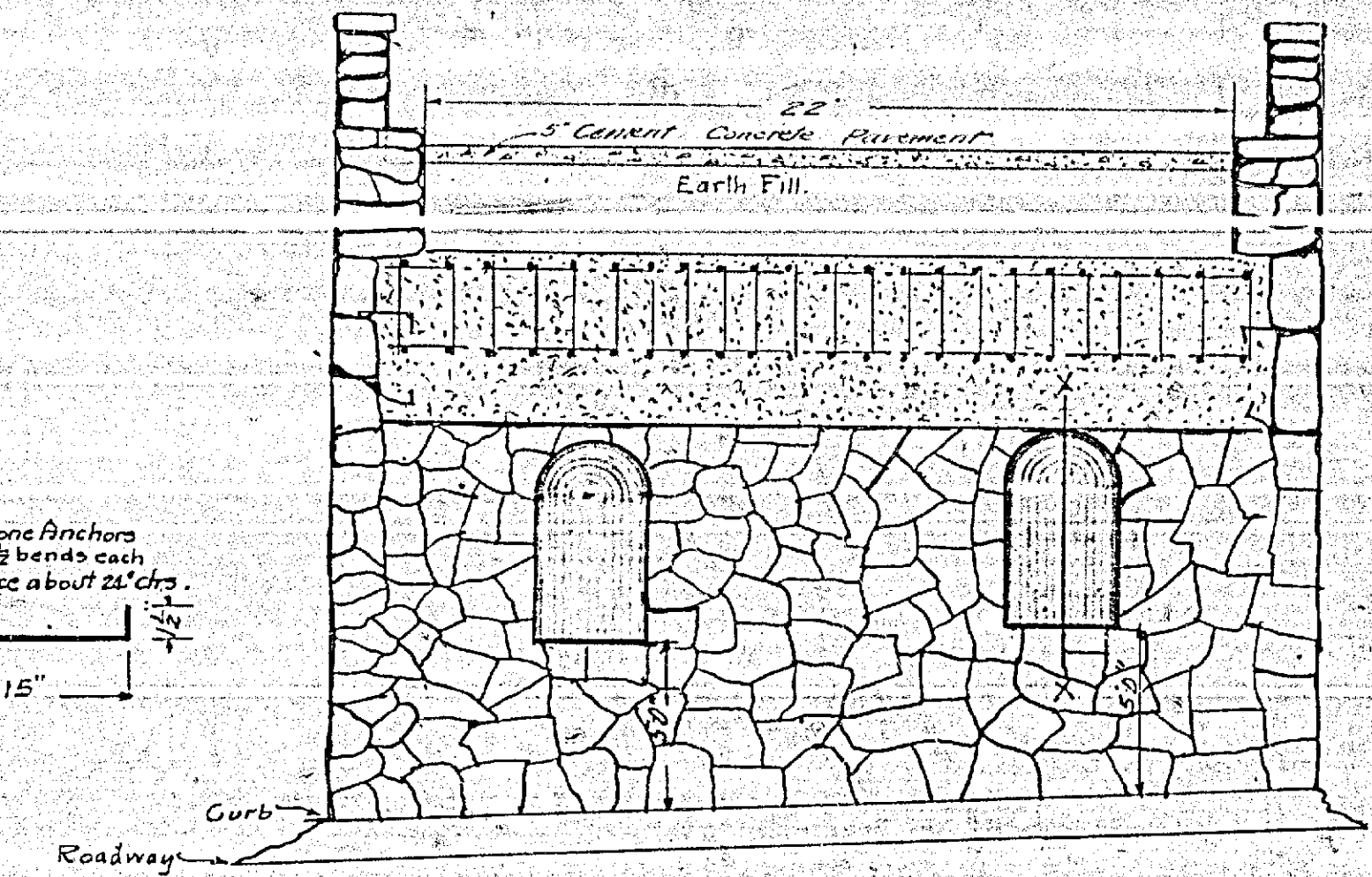
East Side Bridge	El. 847.57
West	El. 846.45
East Side Bridge	El. 846.4
West	El. 845.78

54'0\"/>

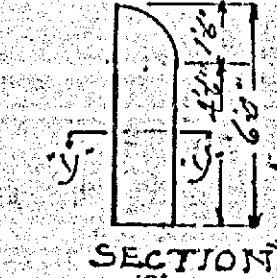
WESTERLY ELEVATION.
Scale: $\frac{1}{4}$ \"/>



TRANSVERSE SECTION AT CROWN ON SKEW OF 28°05' RIGHT.
Scale: $\frac{1}{4}$ \"/>

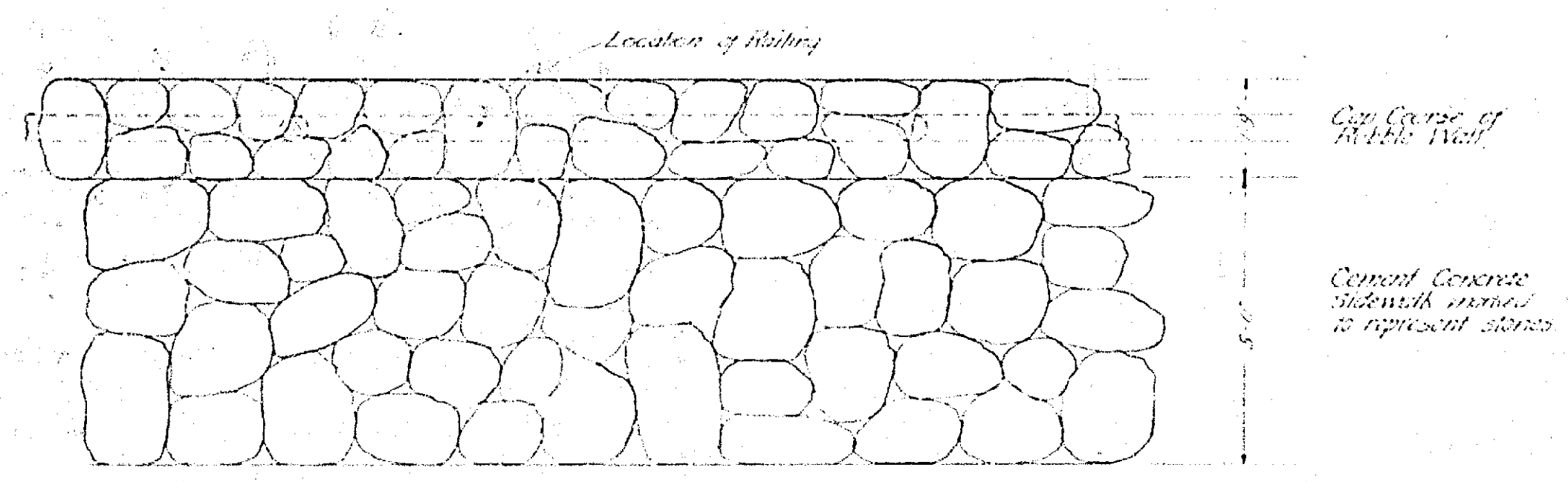


ROADWAY FACE OF ABUTMENT
Scale: $\frac{1}{4}$ \"/>



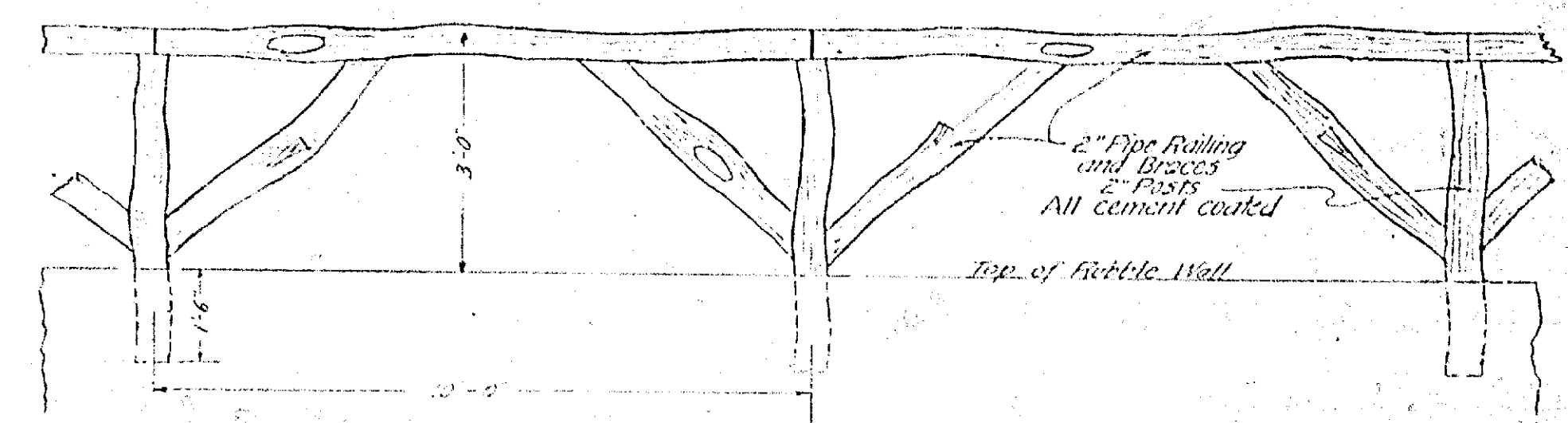
SECTION X-X
17'
SECTION Y-Y
3'-0\"/>

FILE	SUBJECT	SHEET	TOTAL
116-C	AVENUE	16	17



PART PLAN OF SIDEWALK

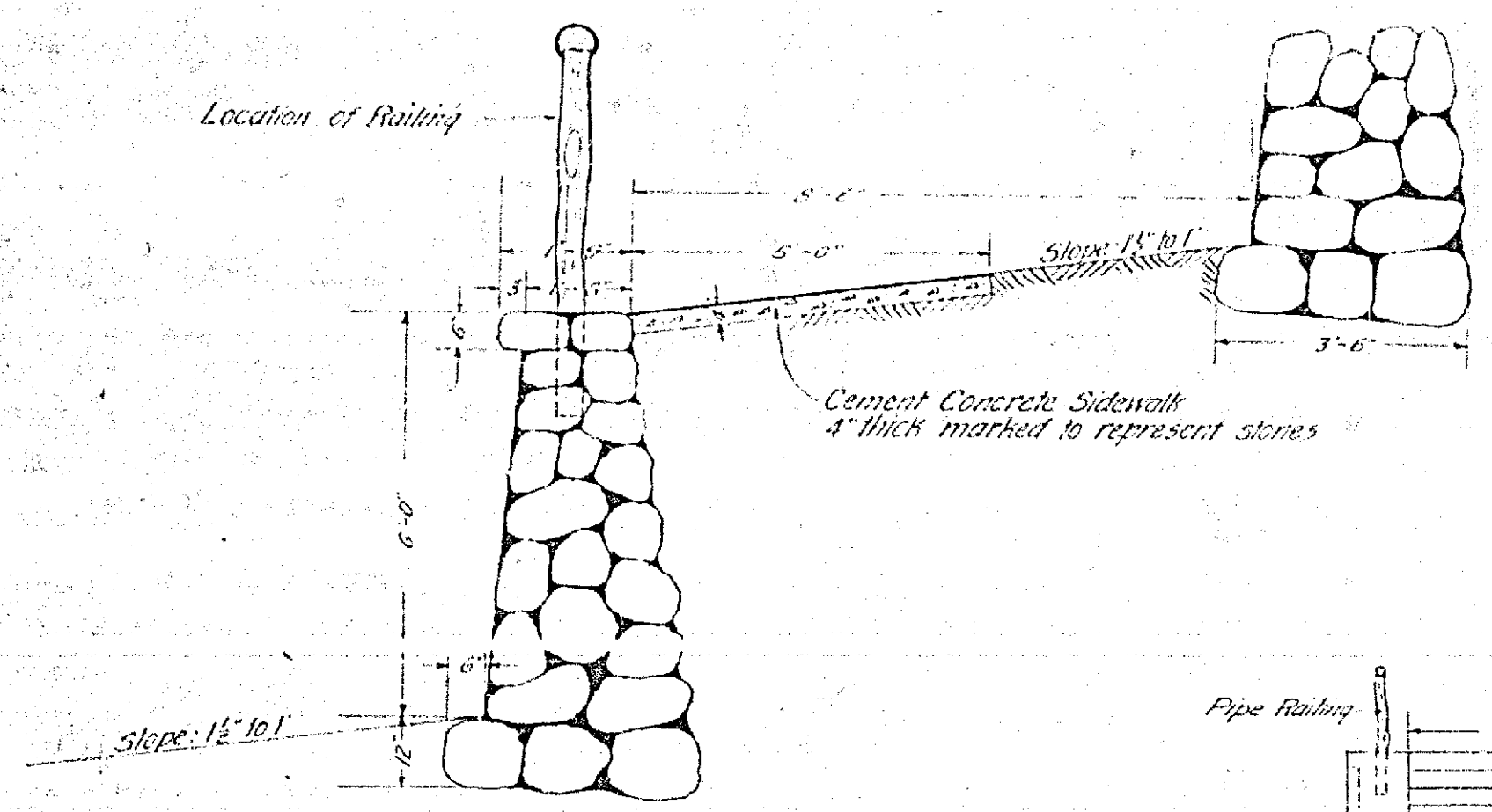
To be constructed on the 2nd terrace above the roadway on the southerly side of the improvement of Brown Hill Avenue.
Scale: 1 inch = 2 feet



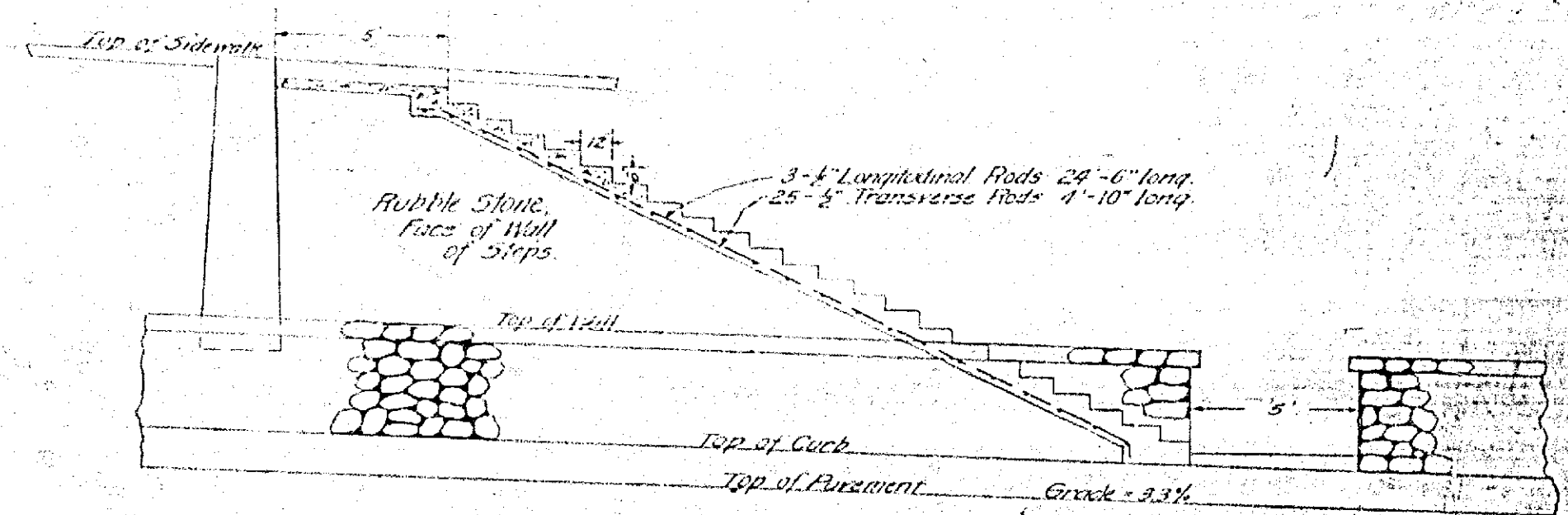
PART ELEVATION OF CEMENT COATED PIPE RAILING

To be constructed on Rubble Wall along the street side of the sidewalk. Also on steps.
Scale: 1 inch = 2 ft.

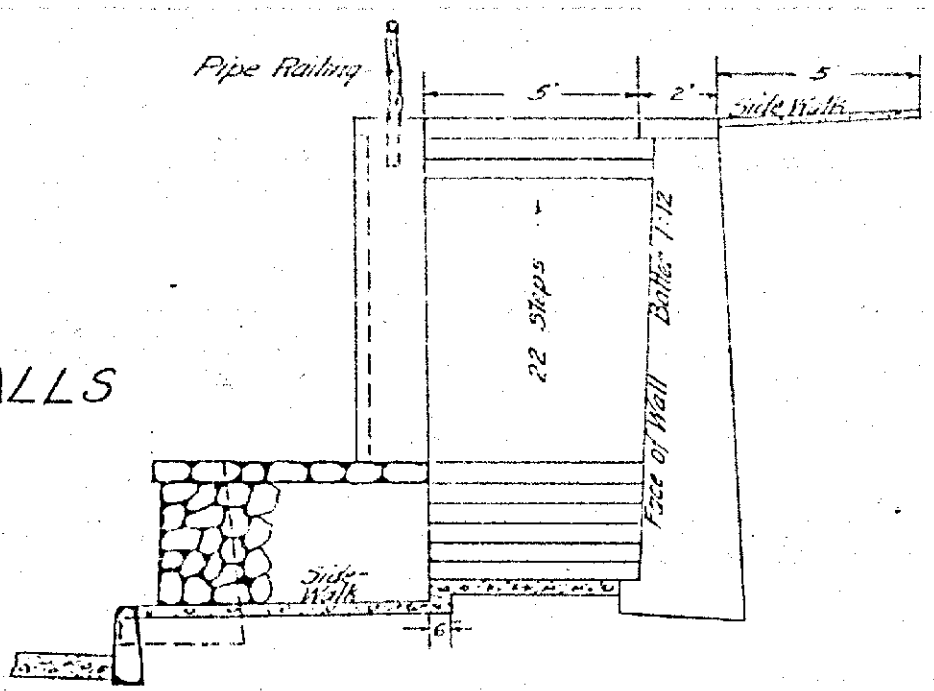
Note: Railing, Posts and Braces to consist of 2" black pipe, coated with cement, and marked to represent the iron and joints.



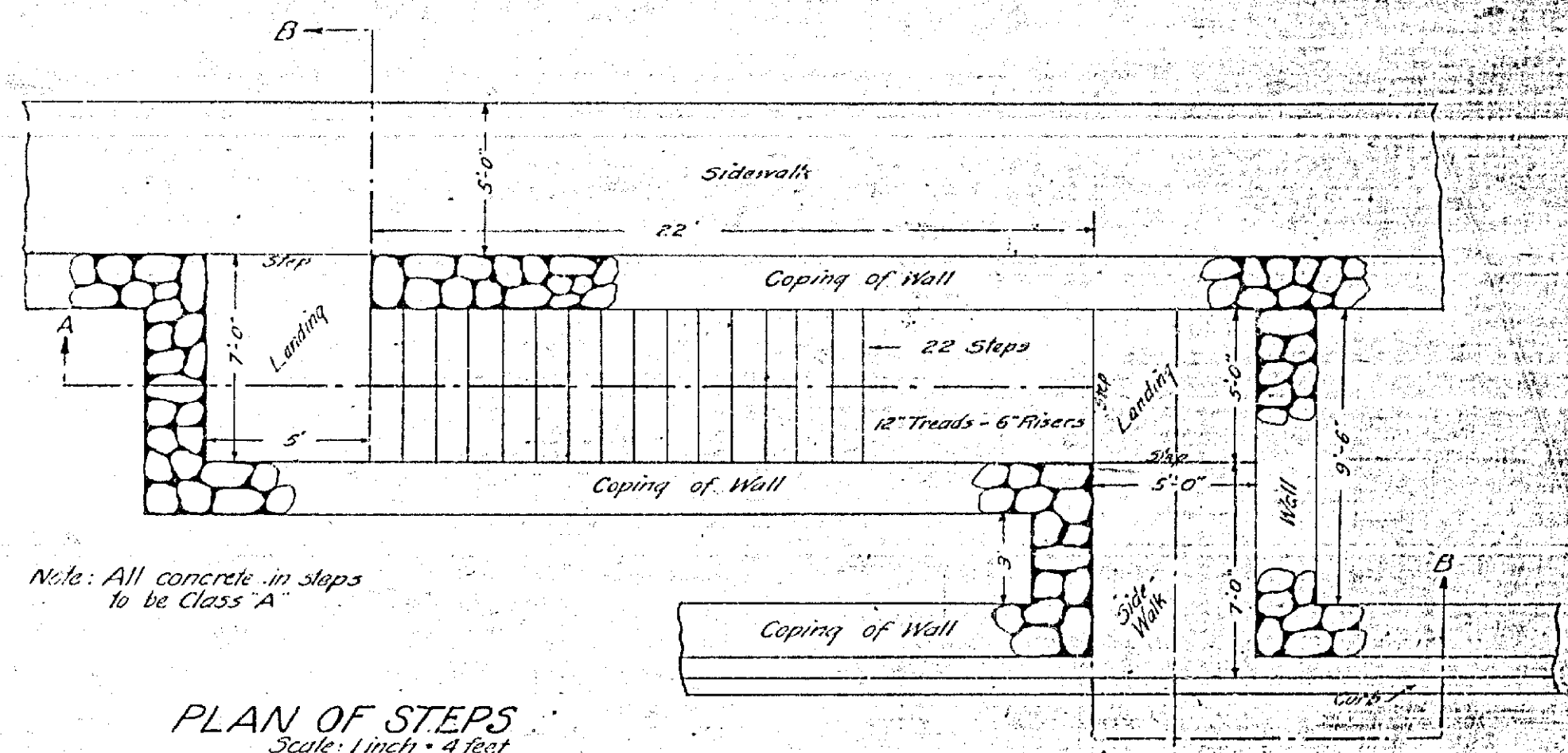
CROSS-SECTION OF SIDEWALK & RUBBLE WALLS
Scale: 1 inch = 2 feet



SECTION ON A-A
Scale: 1 inch = 4 feet

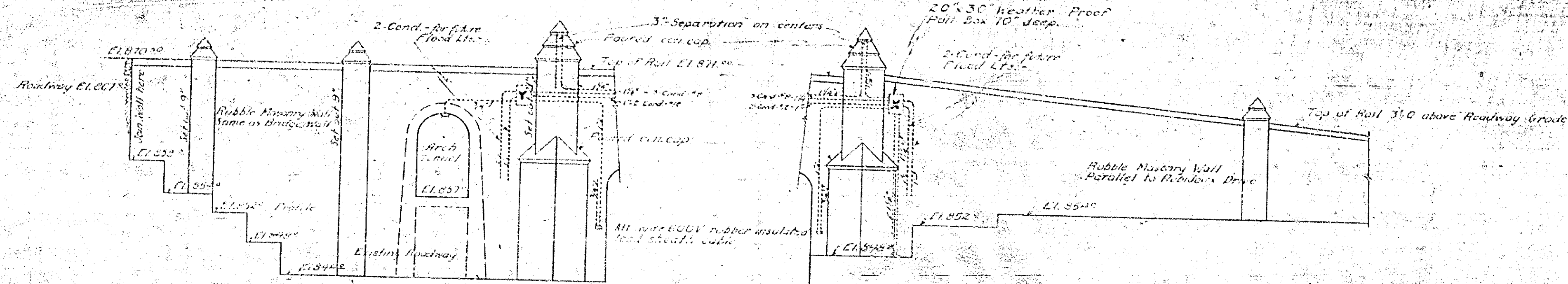


SECTION ON B-B
Scale: 1 inch = 4 feet



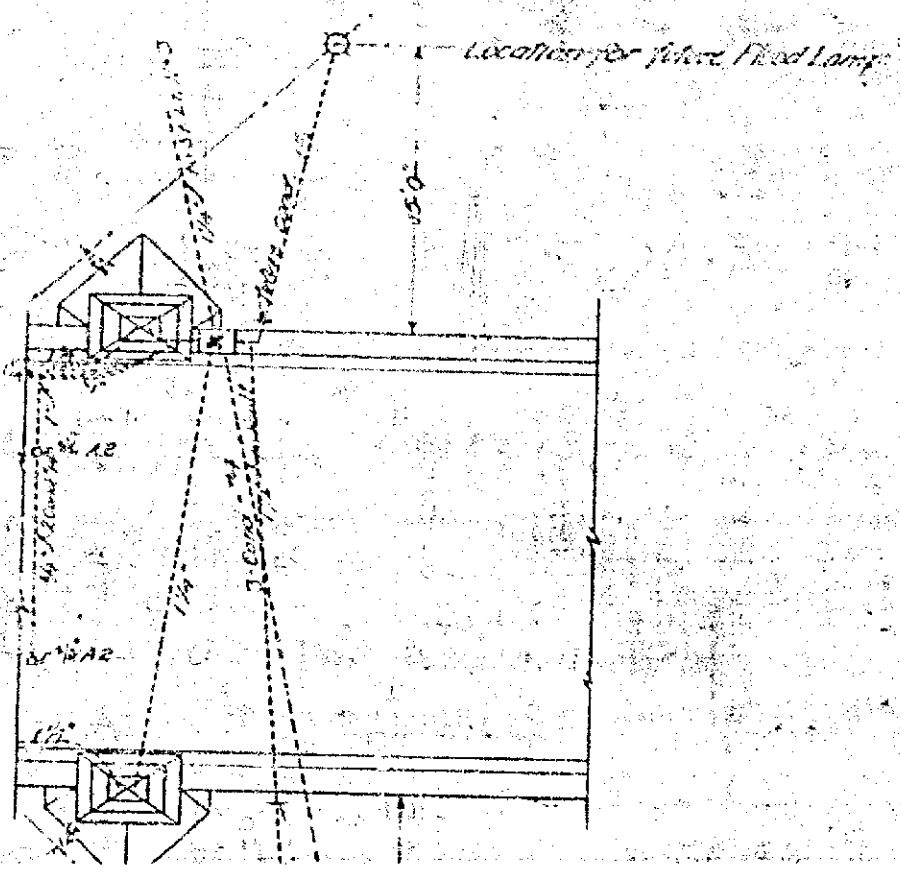
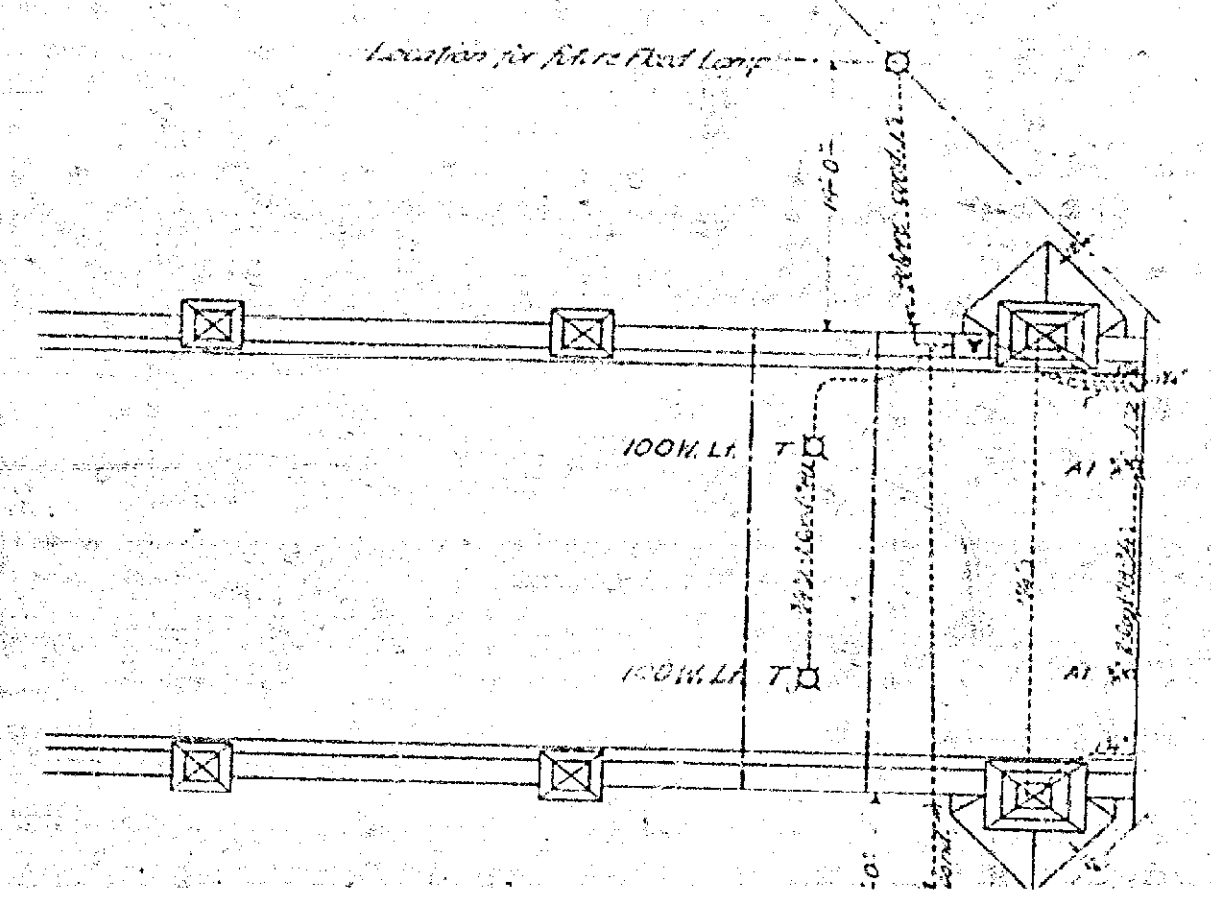
PLAN OF STEPS
Scale: 1 inch = 4 feet

FILE	SUBJECT	SHEET	TOTAL
36-C	A-142	17	17

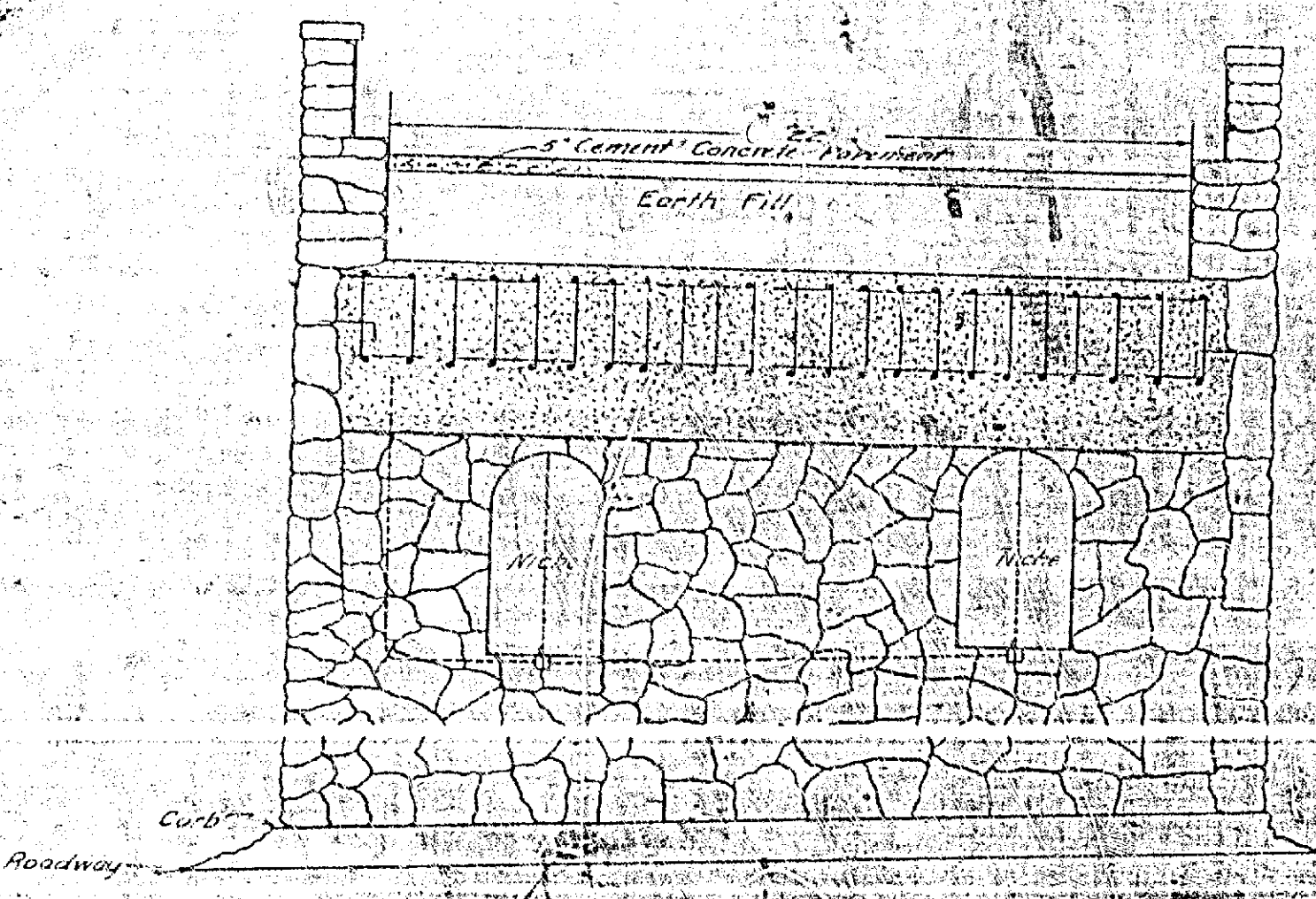


ELEVATIONS ON S.E. AND N.E. WINGS
Scale 1/8" = 1'-0"

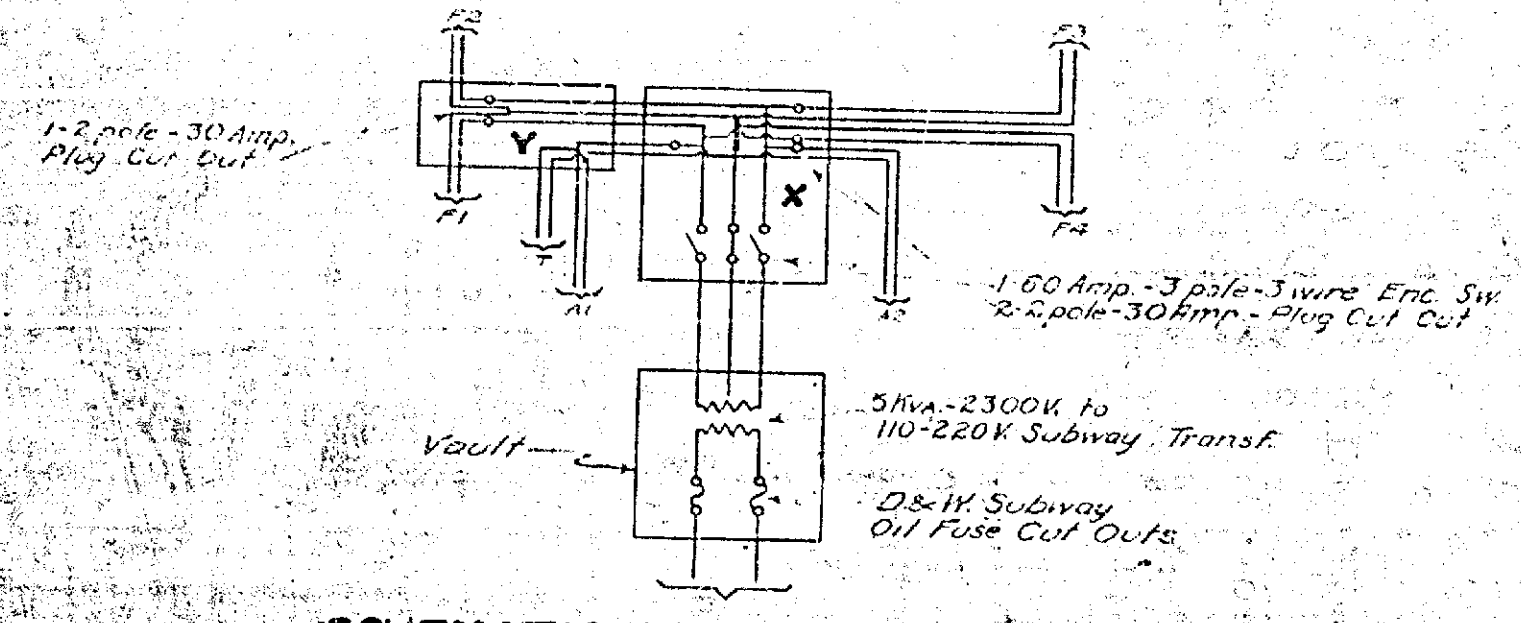
Tunnel lights to be Crouse-Hinds 1 1/2 catalogue #V2159 and 1" VC2750, each complete with 100W. 120V. temp. or equal.



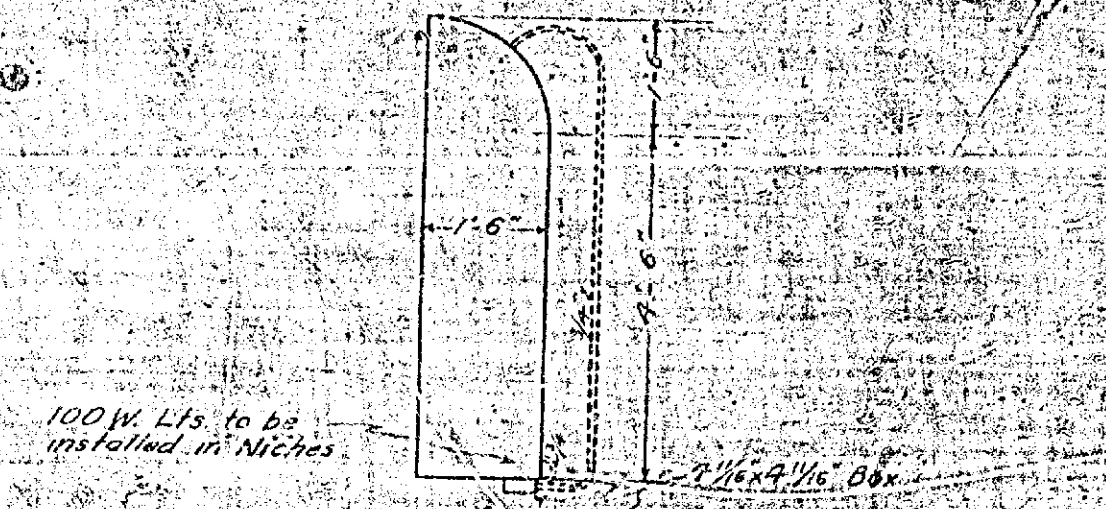
PLAN OF S.E. AND N.E. WINGS
Scale 1/4" = 1'-0"



ROADWAY FACE OF ABUTMENT
Scale 1/4" = 1'-0"

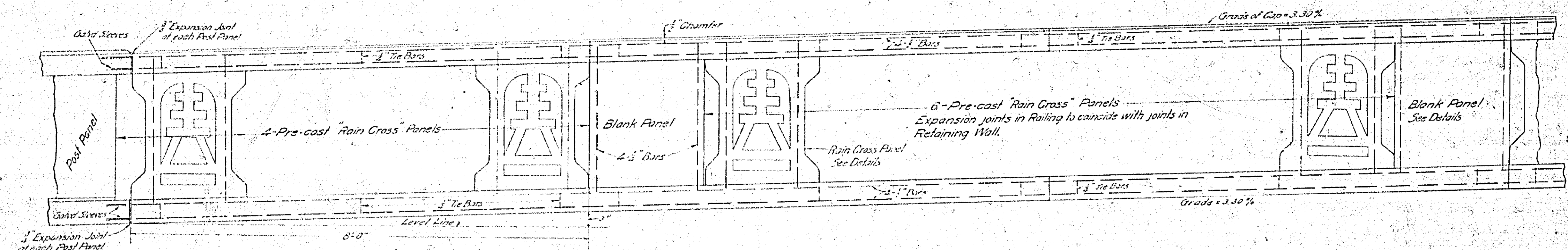


SCHEMATIC WIRING DIAGRAM



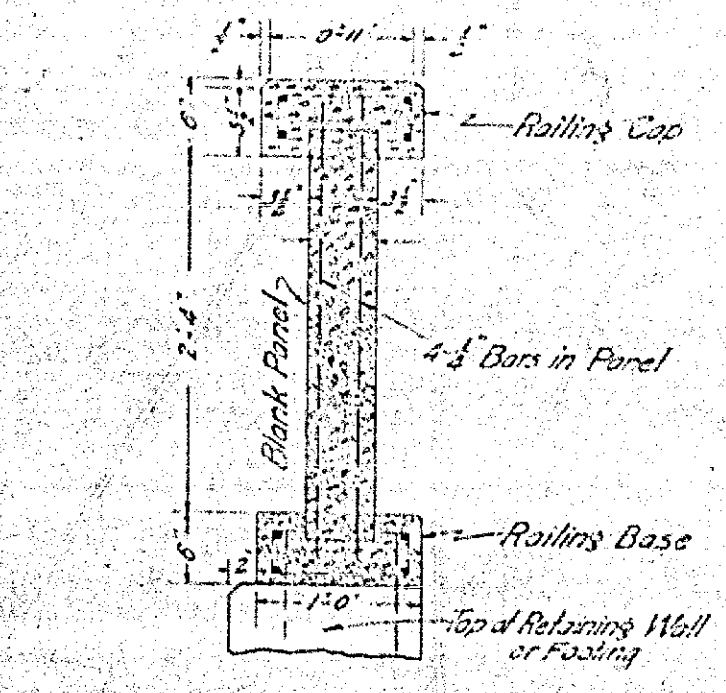
DETAILS OF NICHE
Scale 1/2" = 1'-0"

FILE	SUBJECT	FILE	TOTAL
116-C	ANNEX	5	17

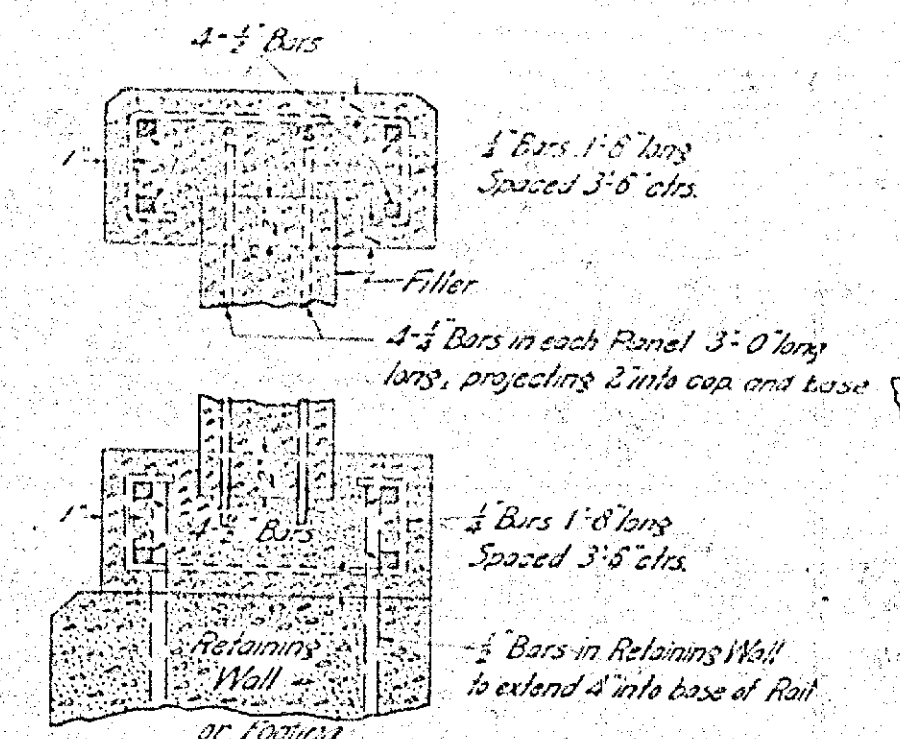


PART ELEVATION OF MISSION TYPE RAILING

Base and Cap to be cast in place
SCALE 1/2" = 1'-0"

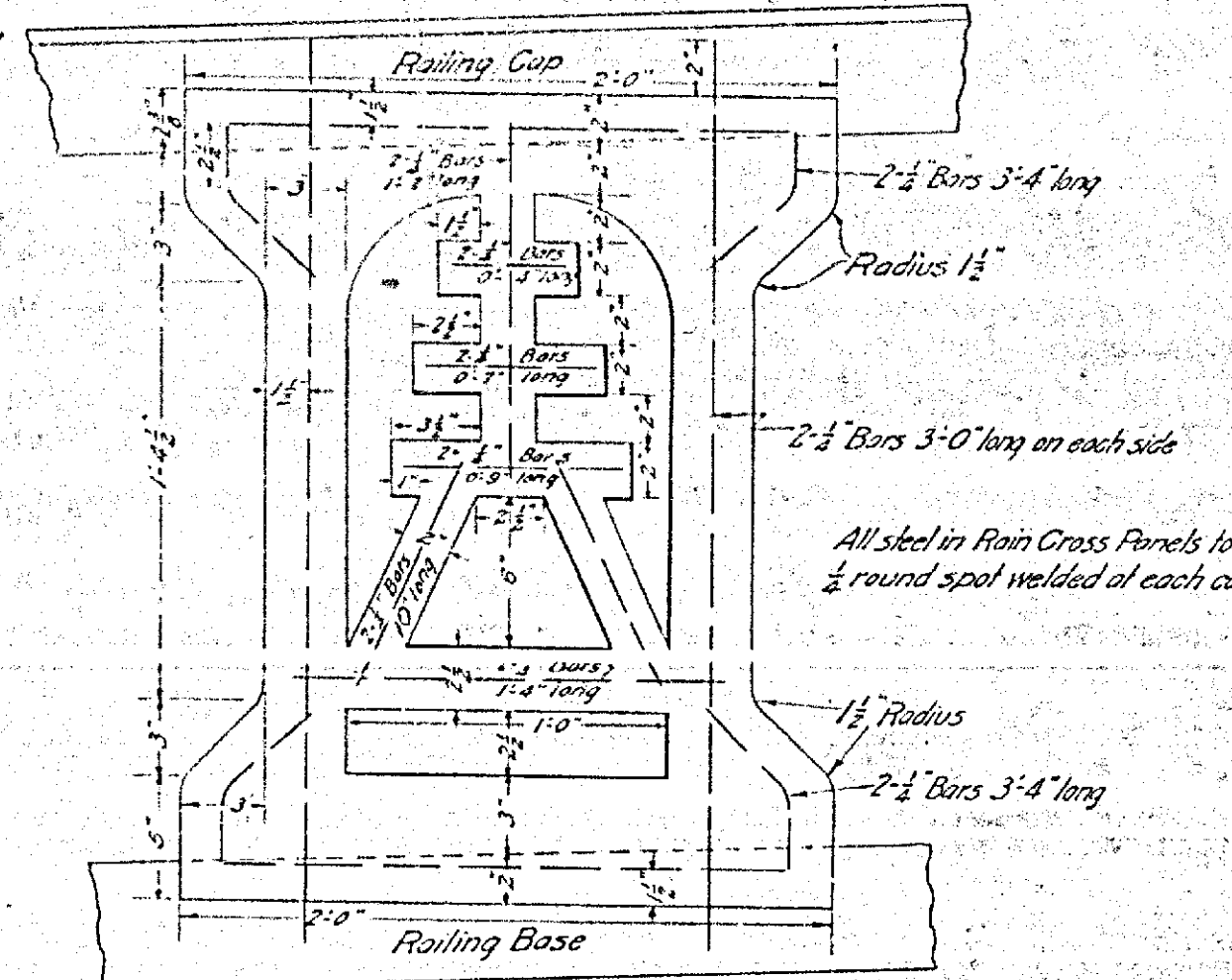


SECTION OF BLANK PANEL
SCALE 1/2" = 1'-0"

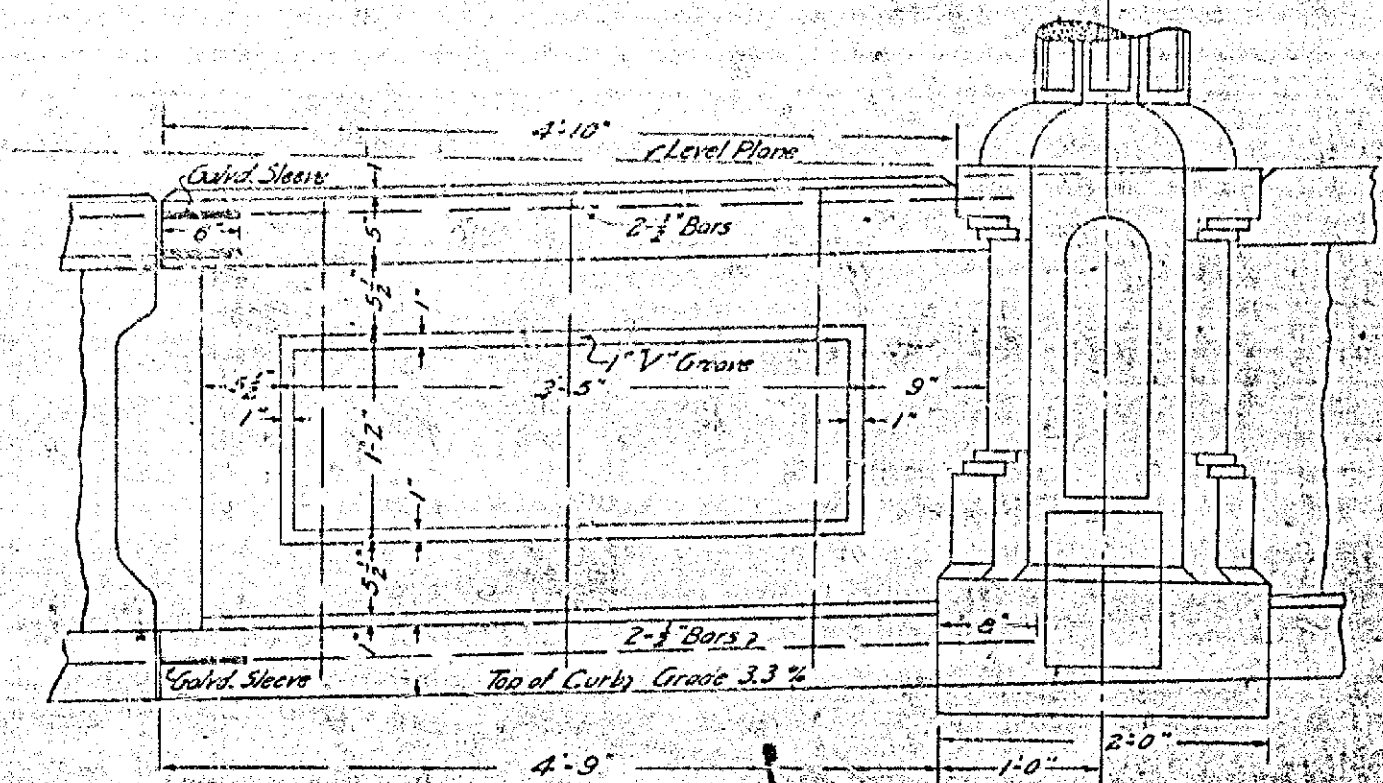


SECTION OF BLANK PANEL
SCALE 1/2" = 1'-0"

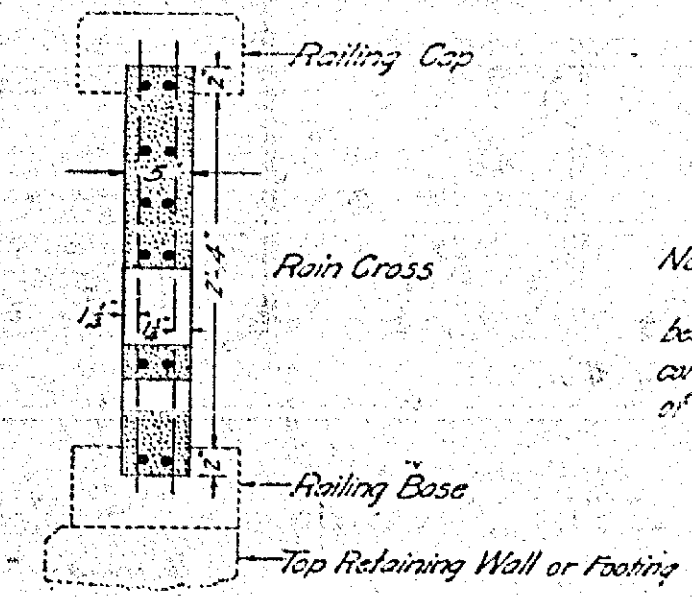
5 Sections of 6 Rain Cross Panels each
2 Sections of 4 Rain Cross Panels each } Between Post Panels
6 Blank Panels



ELEVATION OF RAIN CROSS PANEL
SCALE 1/2" = 1'-0"



ELEVATION OF POST PANEL
To be constructed in Railing at each side of Light Standard
SCALE 1/2" = 1'-0"

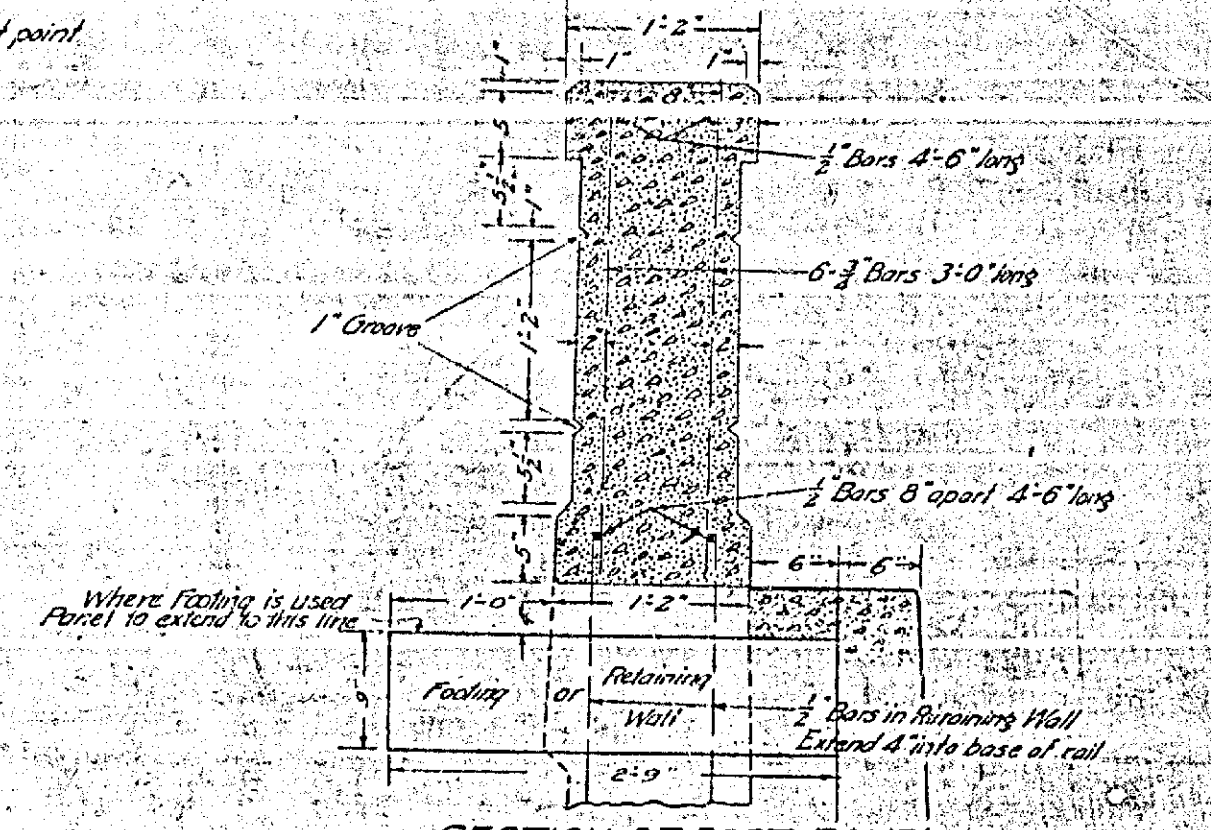


SECTION OF RAIN CROSS PANEL
SCALE 1/2" = 1'-0"

NOTE:- Any discrepancy in total length of railing between post panels which may develop during construction to be compensated for in the length of the post panels.

DETAILS OF RAILING

To be constructed on top of concrete Retaining Wall
From Sta. 17-78 to Sta. 17-00
and on either a Footing or Retaining Wall from
From Sta. 17-00 to Sta. 21-107
On North Side of Improvement



SECTION OF POST PANEL
SCALE 1/2" = 1'-0"