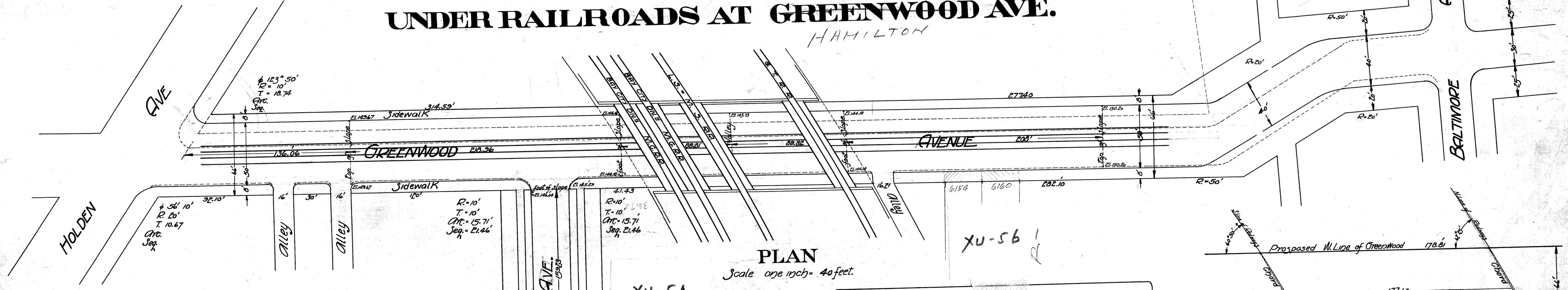
PLAN OF PROPOSED SUBWAY UNDER RAILROADS AT GREENWOOD AVE.

HAMILTON



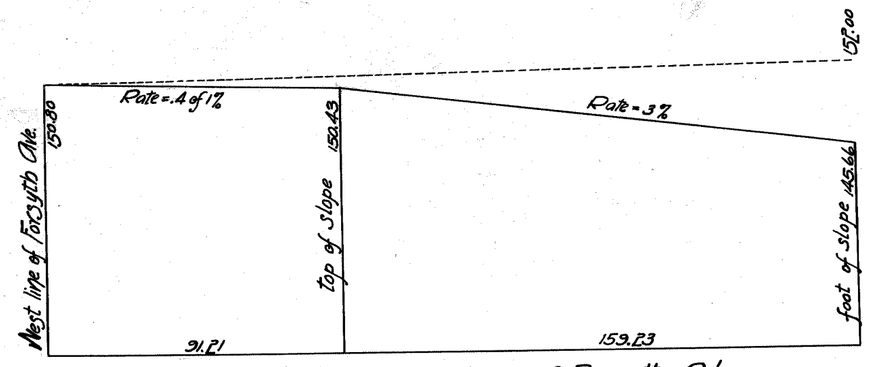
PLAN

Scale one inch = 40 feet.

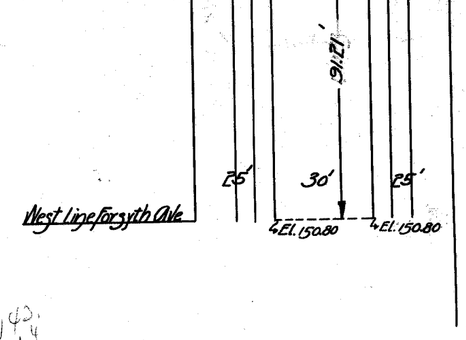
XU-5A

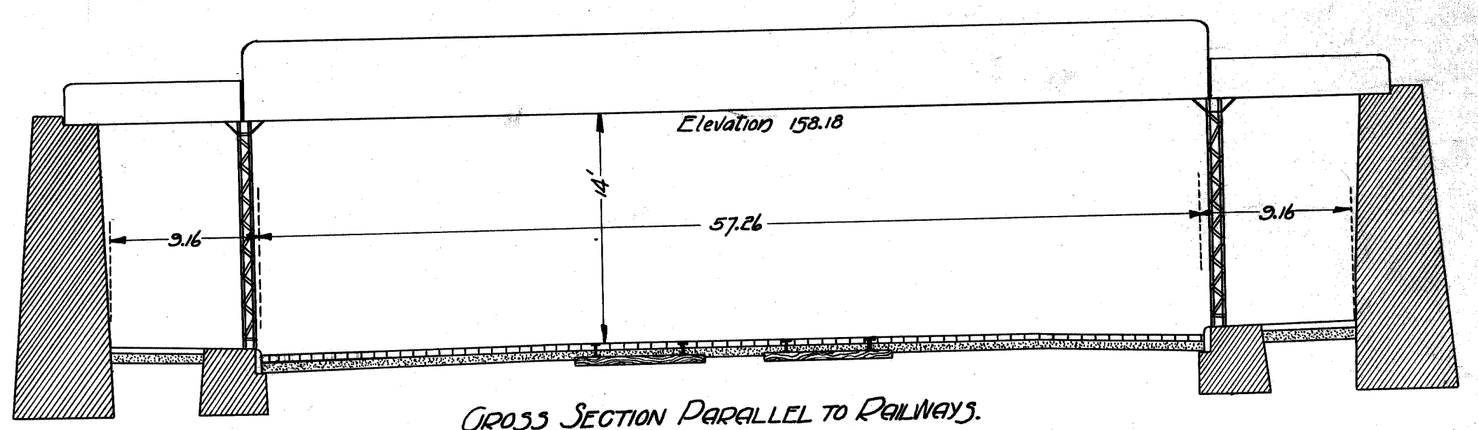
XU-56

CROSS SECTION AT RIGHT ANGLES to GREENWOOD AVE.
Scale 1 in. = 8 ft.

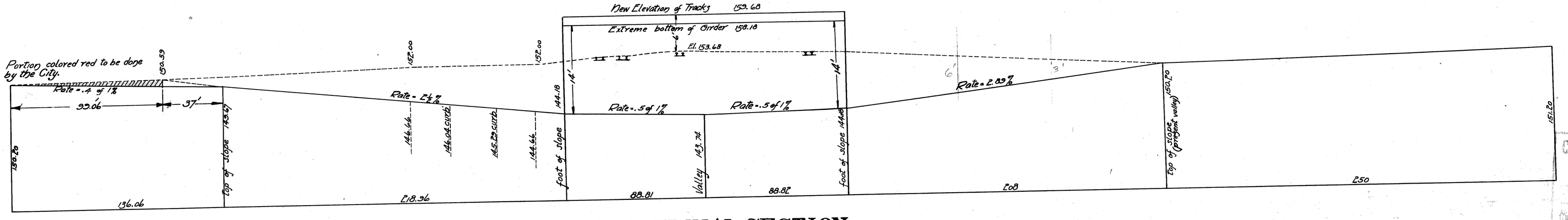


Profile on Center Line of Piquette Ave.





CROSS SECTION PARALLEL TO RAILWAYS.
Taken on ℄ line of Right-of-Way.
Scale one inch = 8 ft.



LONGITUDINAL SECTION

Hor. scale one inch = 40 ft.
Ver. " " " = 10 "

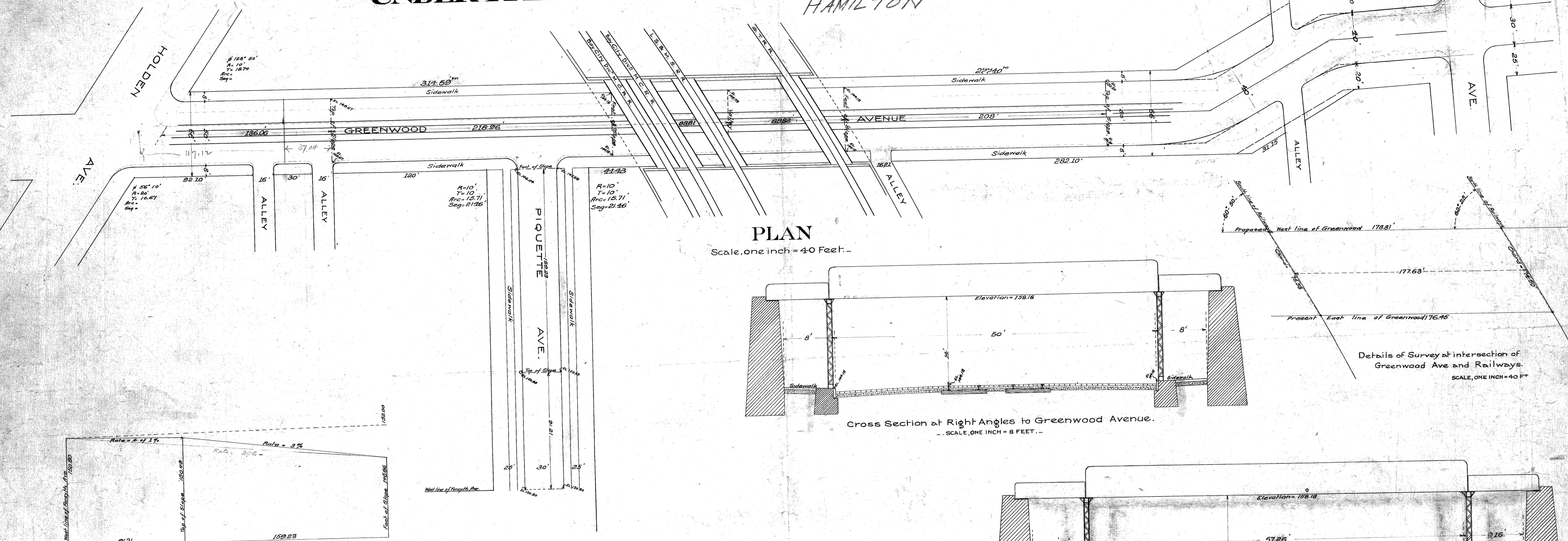
JUNE 1 1905

1905-1

City Engineer's Office. Copy.

File XU 5-1(a)

PLAN OF PROPOSED SUBWAY UNDER RAILROADS AT ~~GREENWOOD~~ HAMILTON AVE.



PLAN

Scale, one inch = 40 Feet. -

CITY ENGINEER'S OFFICE
GRADE SEPARATION & BRIDGES
Case A Drawer 4 No. I-54
-. City Engineer's Office. -

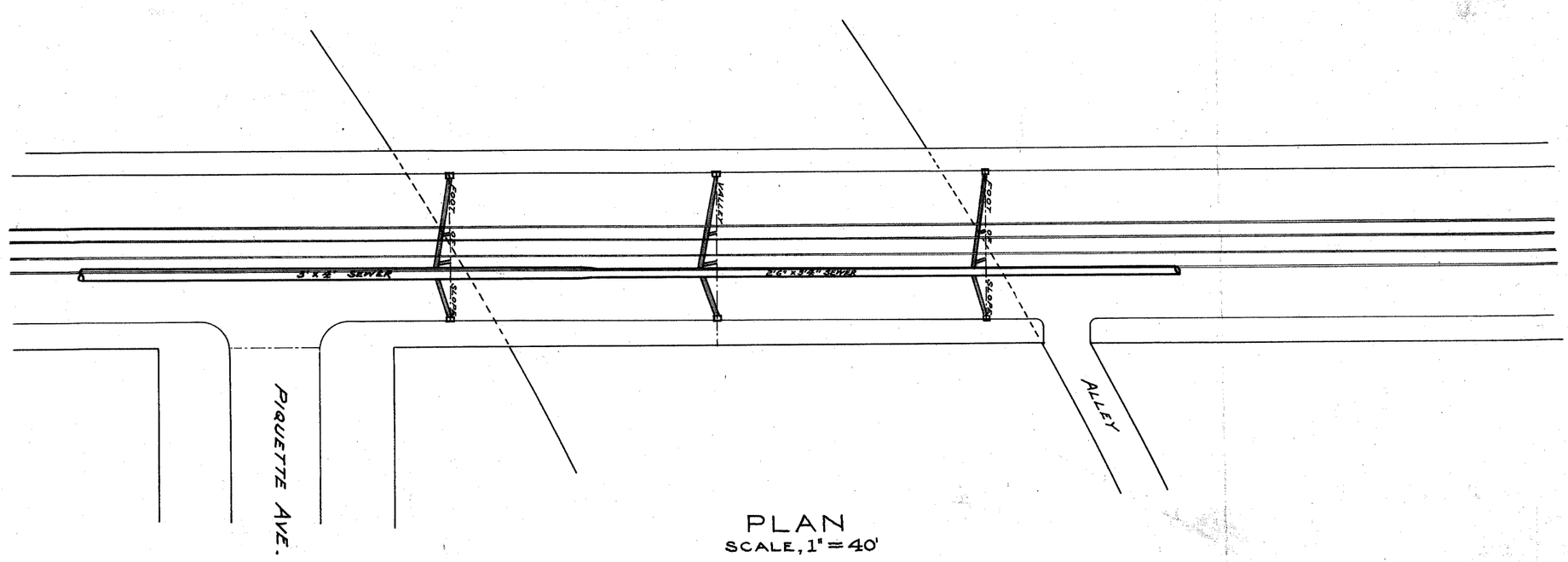
A-5

JUNE 1, 1905. -

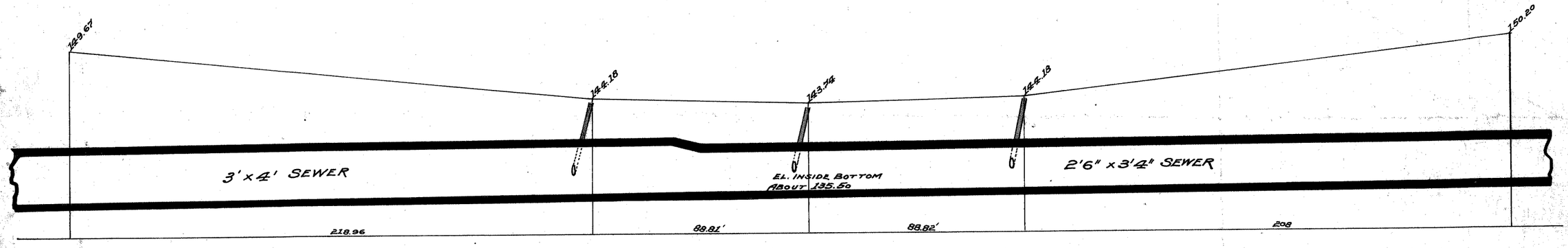
File XU5-2

DRAINAGE DIAGRAM
~~GREENWOOD~~ AVE. SUBWAY

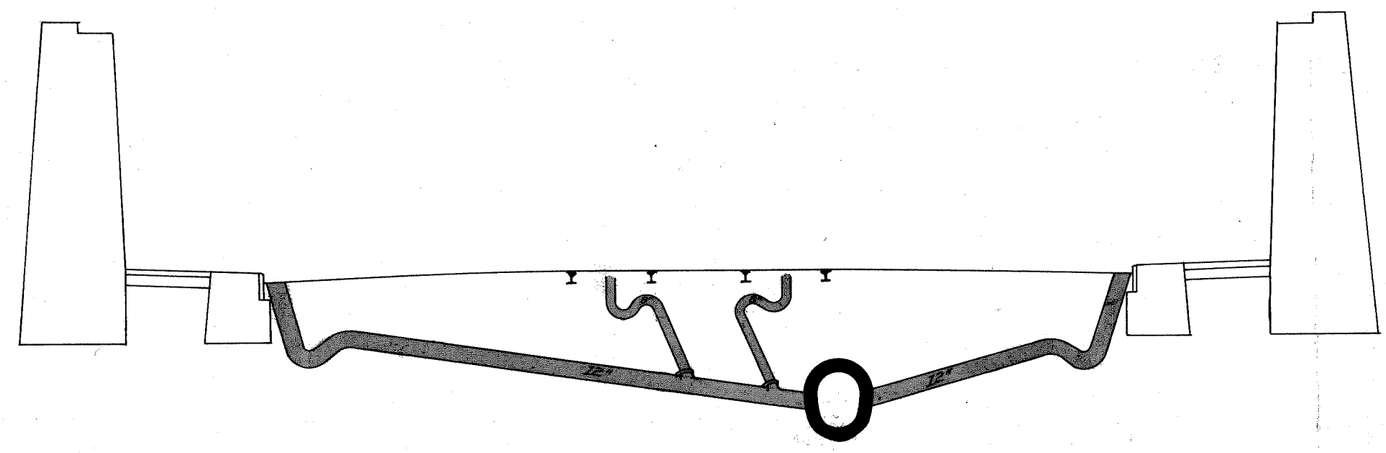
HAMILTON



PLAN
SCALE, 1" = 40'



PROFILE
HOR. SCALE, 1" = 40'
VERT " 1" = 10'



SECTION LOOKING NORTH
SHOWING ARRANGEMENT OF CONNECTIONS
SCALE, 1" = 8'

CITY ENGINEER'S OFFICE, JUNE, 1905.

File XU5-3

M.C.R.R. Bay City Div.

Bridge 5 2/10 Greenwood Ave. Subway

General Plan

Scale 1/4" = 1' & 1" = 1'

July 1905

Approved

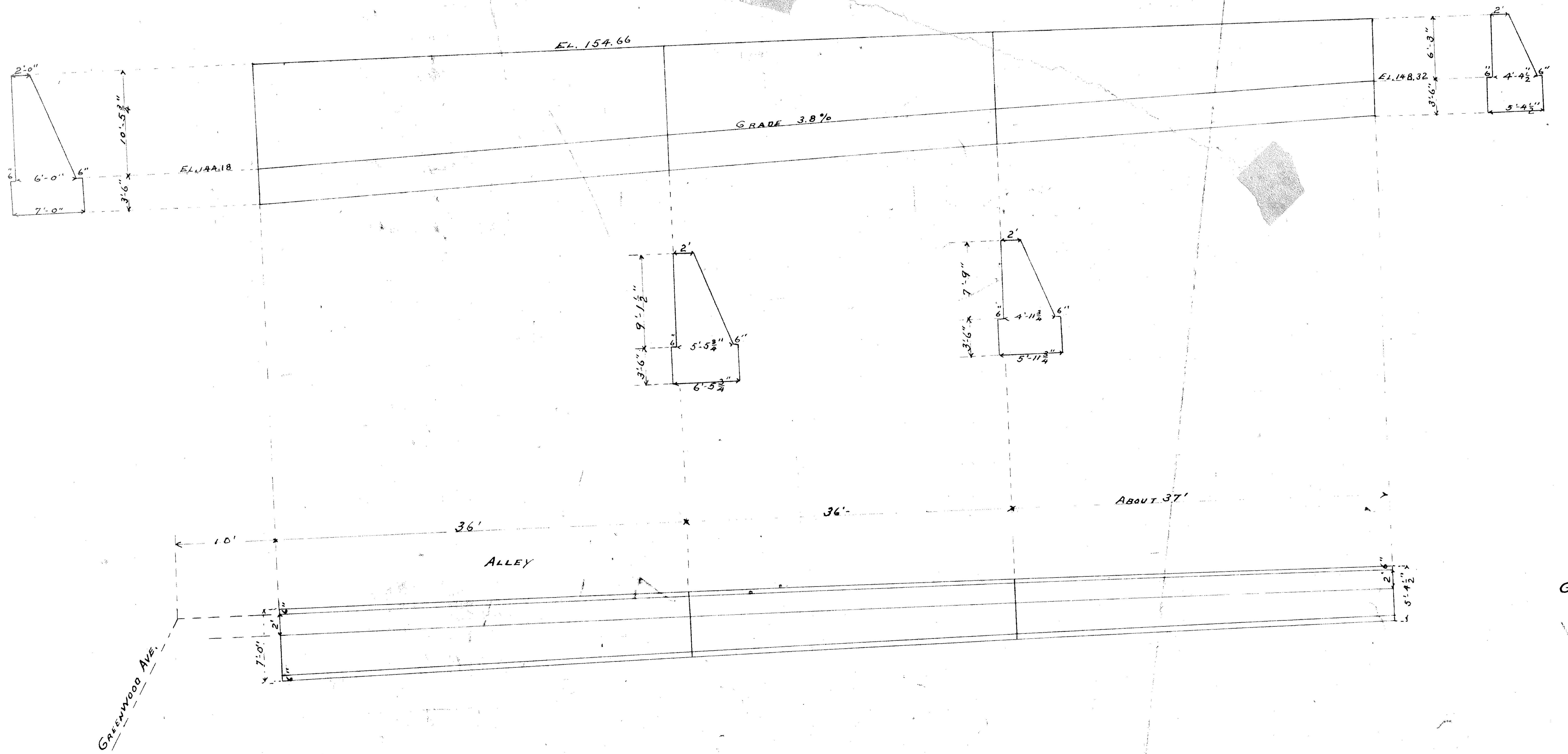
Benjamin Douglas

Bridge Engineer

12 Sheets — File XUE-4 — Sheet No. 1

CONTENTS.
LS&M.S - Abutments - 4068 cu.ft.
" Wings-Seats = 2664 " "
" Piers = 957 " "
Total 7689 cu.ft.
M.C. - Abutments = 7522 cu.ft.
Piers - 1381 " "
Wings-Seats - 2594 " "
Total 11497 cu.ft.
TOTAL YARDAGE - 711 cu.yds.
MAKE TOP 6" OF BRIDGE SEATS 1 CEMENT 2 SAND
MAKE NEXT 2' OF " " 1 CEMENT 2 SAND 3 STONE
MAKE REST OF MASONRY 1 CEMENT 2½ SAND 4½ STONE
FACE EXPOSED SURFACES WITH 1½" OF MORTAR
SECTION "C-C"
SECTION "B-B"
SECTION "F-F"
END OF WING
SECTION "A-A"
SECTION "D-D"
SECTION "E-E"
ELEVATION OF WING
Section X-X.
Section Y-Y.
SECTION "H-H"
60'-0"
29'-0" to face of wall
℄ LS&M.S TRACK.
STREET LINE
CENTER LINE OF BENTS
CENTER LINE GIRDER
CENTER LINE OF JOINT GIRDER ON
TANGENT TO RIGHT OF WAY LINE BETWEEN M.C.R.R. AND L.S.&M.S.R.R.
NEW CENTER LINE OF STREET
GRADE 0.198 PER 100 FT. ASCENDING
29'-9½"
61°-29'
NORTH
RIGHT OF WAY LINE
M.C.R.R. BAY CITY DIV.
BRIDGE 5.20/100 GREENWOOD AVE.
PLAN OF ABUTMENTS
SCALE ¼" = 1'
SEPT 1905
APPROVED
ACTING BRIDGE ENGINEER
File XUS-5
5.20
14


M.C.R.R. BAY CITY DIV.
BRIDGE 5-20 — HAMILTON AVE — GREENWOOD AVE
RETAINING WALLS
Scale 1"=1'-0" Oct 1905
Approved
Acting Bridge Engineer
File XUS-6 | 5-20
GREENWOOD AVE.
150.0'
90'
This Wall in Front of St. Ry. Building
57'-0"
74'-0"
59'-0" about
42'-0" abt.
17'-0"
Top
Bottom
Wing Wall of Abutment
R. W. Line
Greenwood Ave
Payette Ave.
ALLEY
111'-0"
27'-9"
19'-3"
36'-3"
30'-0"
23'-0"
40'-0"
35'-0"
Make treads 10" rise about 6"
Make treads about 10" rise about 7"
This section same as Section A-A shown above.
Section thro' corner stairway
Section A-A
Section B-B
Section C-C
Section D-D
Section E-E
Section F-F
Section L-L
Section M-M
Section N-N
Section R-R
Section T-T
Section X-X
Section Y-Y
Section Z-Z
4'-6"
3'-0"
El. 152.0
El. 152.2
El. 146.90
El. 154.20



Grand Trunk Ry.

Greenwood Ave Subway

Retaining Wall along Alley Joining East Abutment

Bridge Engineers Office M.C.R.R

Scale ⅛" = 1' G Nov. 1905.

-15.20