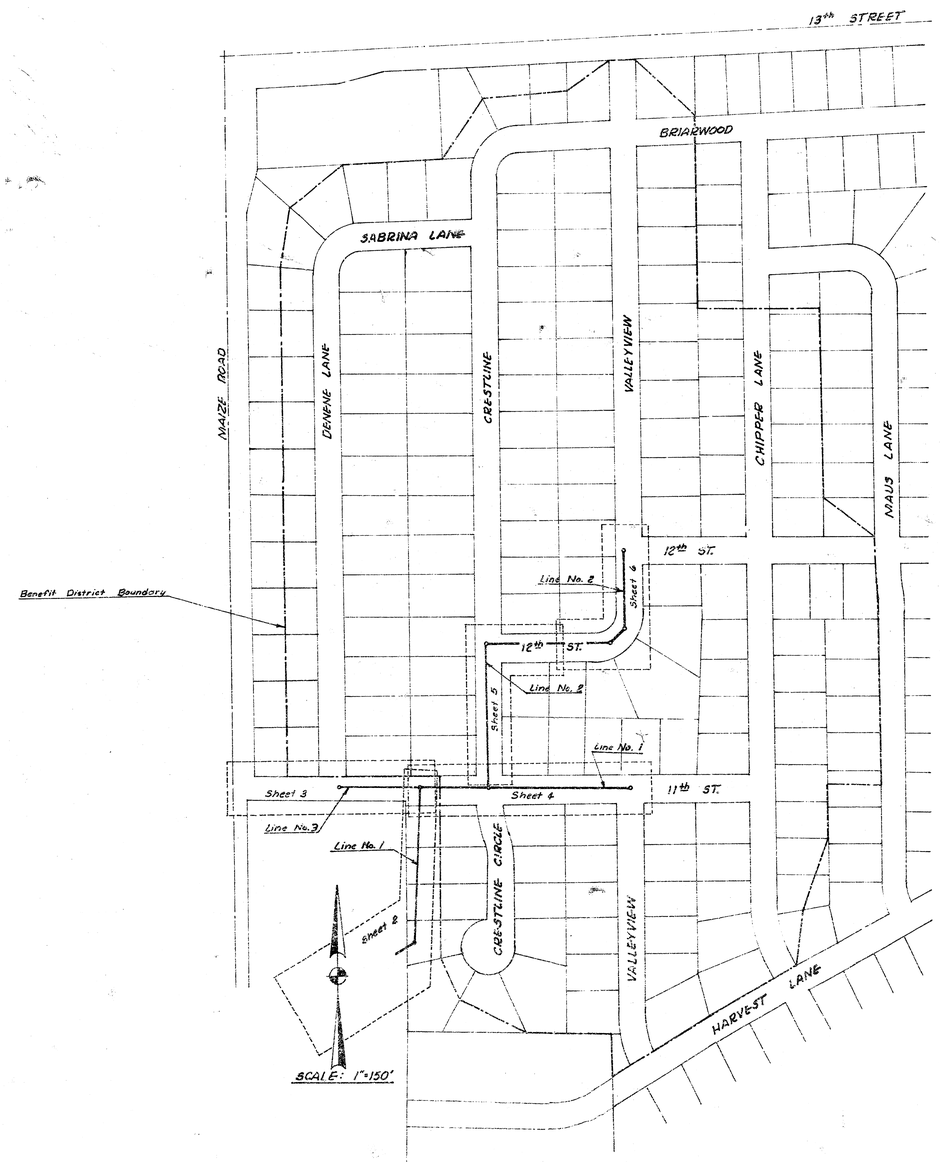
STORM WATER SEWER NO. 99

CITY OF WICHITA, KANSAS

R. W. LINN, CITY ENGINEER



Al Lies
943-3645
943-0154

PROJECT NO. DBKA 572071

DATE: May 1st 1973

As Built, Final Mess
K-110

B.M. 152.283 City Std. on Maize Rd. ½ mile S. of 13th Street; 32.0' N. & 38.0' E. of ¼ Sec. Cor.

SEEDING: All disturbed areas south & west of Sta. 14+00 to be seeded in accordance with Kansas State Highway 1966 Standard Specifications using mixed native grass seed and prairie hay mulch. Seed shall be applied at 50 lbs. per acre and fertilizer at 300 lbs. per acre. Fertilizer shall contain 12% Nitrogen, 12% Phosphate and 12% Potassium. Cost for seeding, mulching and other appurtenant work to be paid for as per acre bid for "Seeding."

Remove and replace fence in kind as required for construction. (3 strand barb wire fence)

Iron Pin Sta. 8+04.7

Iron Pin Sta. 10+88.7; (383' S of N.E. Cor. of unplatted tract)

10' K.G.&E. Easement

5' Proposed Construction Easement

Earthwork Limit Line

40' Proposed Drainage Easement

15' Proposed Construction Easement

Construct 8' bottom ditch with all sides

Fill an area 30' x 30' x 8' deep with broken concrete. This to be paid for at price bid per sq. yd. for dumped rip-rap.

NOTE: Engineer to cross-section earthwork areas before and after construction for quantities.

NOTE: All excess excavated material from this project to be stockpiled at locations within Westlink Village 10th Addn or unplatted tract as determined by Engineer.

Line No. 1

Install Manhole Sta. 11+07.3

Constr. approx. 150 L.F. temp. "V" channel with 1:1 side slope to drain pipe until R/W is acquired. Contractor to eradicate channel upon completion of Storm Water Sewer.

Install Std. 36" RCP End Section To be pay'd for as L.F. 36" RCP

Start Pipe @ Sta. 12+00 NO WORK between Sta. 8+00 & 12+00 Unless required easements are obtained

MATCH LINE

SCALE: Hor. 1" = 80' Ver. 1" = 5'

Iron Pin @ NW Cor. Lot 1, Blk. 8, Westlink 10th Addn; (10' S. of NE Cor. of unplatted tract)

15" RCP

36" RCP

Typical Manhole See Sheet 3

See Sheet 3 for details

11th Street

Install Std. 2'x5' Inlet Top 153.00

20' Drainage Easement

Line No. 1

10' K.G.&E. Easement

Inlet Cover

15" RCP

36" RCP

15.5' to center of 11th Street

STD. 2'x5' INLET @ 14+24.83

Scale: 3/8" = 1'0"

MANHOLE @ 11+07.3 Type I

Scale: 3/8" = 1'0"

36" RCP

For Typical Section See Sheet 6

Manhole depth = 4.03'

MATCH LINE

Sta. 10+58 Start Pipe if easements have been obtained

Sta. 11+07.3 Top 148.5 Rem. Type I

No Sewer Construction unless easements are obtained

STA 6+7 PIPE

Construct 1'0" min. cover over pipe.

Existing Ground

Sta. 14+24.83 Top 153.00 2'x5' Inlet

Sta. 14+41.33 Top 152.75 Rem. M.H. Type I

Line No. 1

Match Line 147.29

147.30

147.31

147.44

147.68

147.72

147.76

147.78

383.33' of 36" RCP @ +0.14%

11

12

13

14

+24.83

+41.33

155

150

145

Channel Excavation = 520* C.Y. + 10% = 572 C.Y.

* Note: Includes 140 C.Y. for temp. channel

By St. Begin Channel

NO WORK IN THIS AREA UNLESS EASEMENTS ARE OBTAINED

Existing Ground

Ditch Flowline @ +0.1%

Sta. 10+58

MATCH LINE

146.99

147.08

147.18

147.26

8

9

10

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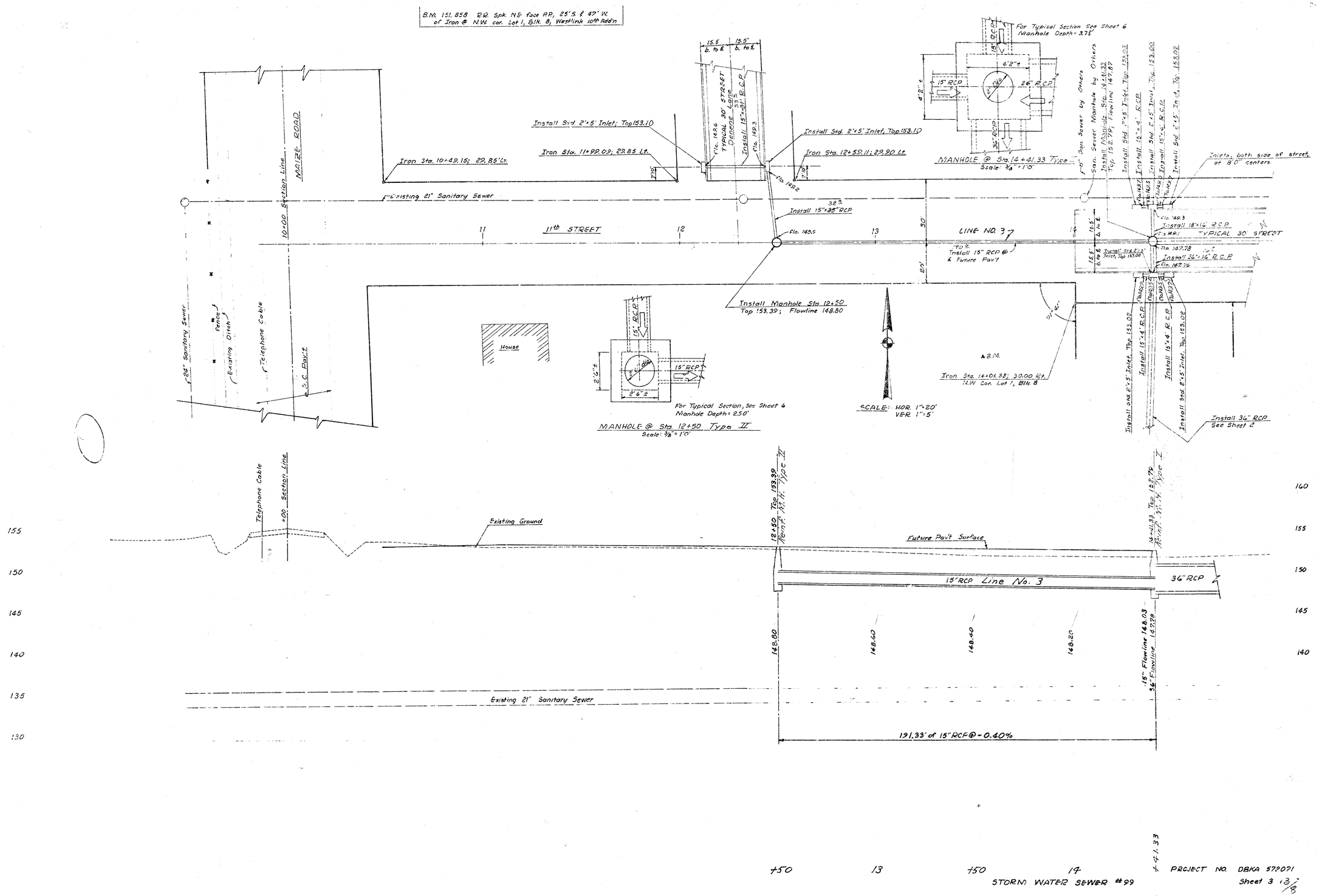

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Sheet 3 (3/8)

JSG. 221; DLH 134 & 137

BM 151.858 R.R. Spike N.E. face P.P. 25' S. & 7' W. of Iron @ N.W. Cor. Lot 1, Blk 8, Westlink Village 10th Add'n.
BM 159.655 "+" Top of W. Curb, Chipper @ N.L. 11th St.

SCALE:
Hor. 1" = 20'
Ver. 1" = 5'

For Typical Section See Sheet 6
Manhole Depth = 2.50'
MANHOLE @ Sta. 19+19.3 Type I
Scale: 3/8" = 1'0"

For Detail, See Sheet 3
Install Std. 2'x5' Inlet Top 152.70
Iron: 30.06' Lt. Sta. 15+60.89
Install Std. 2'x5' Inlet Top 153.20
Iron: 30.05' Lt. Sta. 16+21.29
Iron: 30.0' Lt. Sta. 17+20.93
Install Std. 2'x5' Inlet Top 155.30
Install 15" x 38' R.C.P.
Install Manhole Sta. 19+19.3 Top 155.19 Flowline 151.50
Existing San. Sewer
Install 15" x 38' R.C.P.
Install 36" x 150.75' R.C.P. @ +0.12 % on ℄ 11th St.
Water Line
Line No. 1
11th STREET NORTH
Install 18" x 327.22' R.C.P. @ +0.7% on ℄ of 11th St.
8" San. Sewer
Install Manhole Sta. 15+92.08; Top 153.24; Flowline 147.96
Install 15" x 38' R.C.P.
Std. 30' Street
Install 15" x 38' R.C.P.
Water Line
Iron: 30.0' Rt. Sta. 14+01.33
Iron: 30.0' Rt. Sta. 15+63.08
Iron: 29.95' Rt. Sta. 16+23.07
Iron: 29.84' Rt. Sta. 18+89.32
Iron: 29.83' Rt. Sta. 19+49.29
80' Drainage Easement
Install Std. 2'x5' Inlet Top 153.60
Install Std. 2'x5' Inlet Top 153.40
Install 15" x 38' R.C.P.
Install Std. 2'x5' Inlet Top 155.40
Install Std. 2'x5' Inlet Top 155.80
Install 15" x 26' R.C.P.
Install Std. 2'x5' Inlet Top 153.60
36" RCP See Sheet 2
CRESTLINE CIRCLE
Std. 30' Street
30" R.C.P. Line No. 2
VALLEYVIEW
Std. 30' Street
For Typical Section, See Sheet 6
Manhole Depth = 3.75'
Alternate brick masonry walls to be 12" thick all sides.
Wall location if bevel pipe cut is not desired by Contractor.
MANHOLE @ Sta. 15+92.08 Type I
Scale: 3/8" = 1'0"

Proposed 7" Pav't
Existing Ground
15" RCP See Sheet 3
36" R.C.P. @ +0.12 % Line No. 1
18" R.C.P. @ +0.7% Line No. 1
150.75 L.F. 36" R.C.P. @ +0.12 %
327.22 L.F. 18" R.C.P. @ +0.07%
3" San. Sewer
8" San. Sewer
Flowline 147.78
36" Flowline 147.96
18" Flowline 148.20
Flowline 151.40
+41.33
+92.08 Top 153.24 Rem. Mh. Type I
+19.3 Top 155.19 Rem. Mh. Type II
147.85
149.26
149.96
150.46
151.36
+41.33
+92.08
+19.30
15
16
17
18
19

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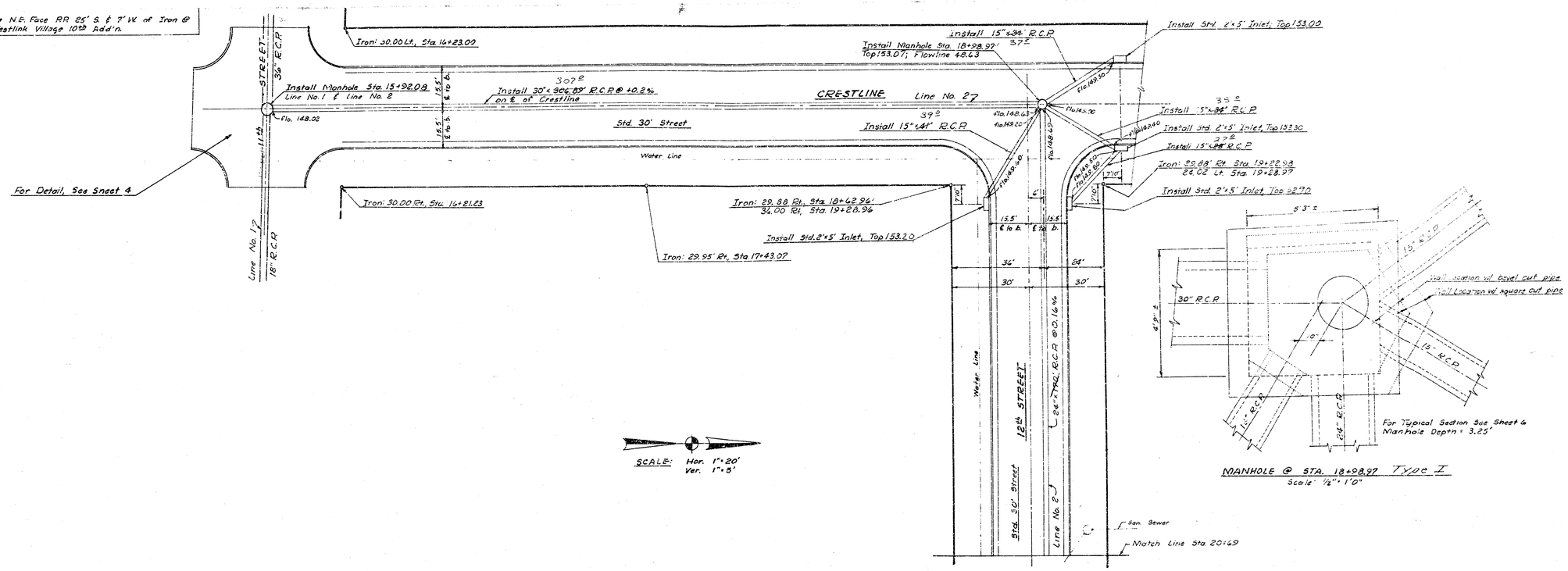
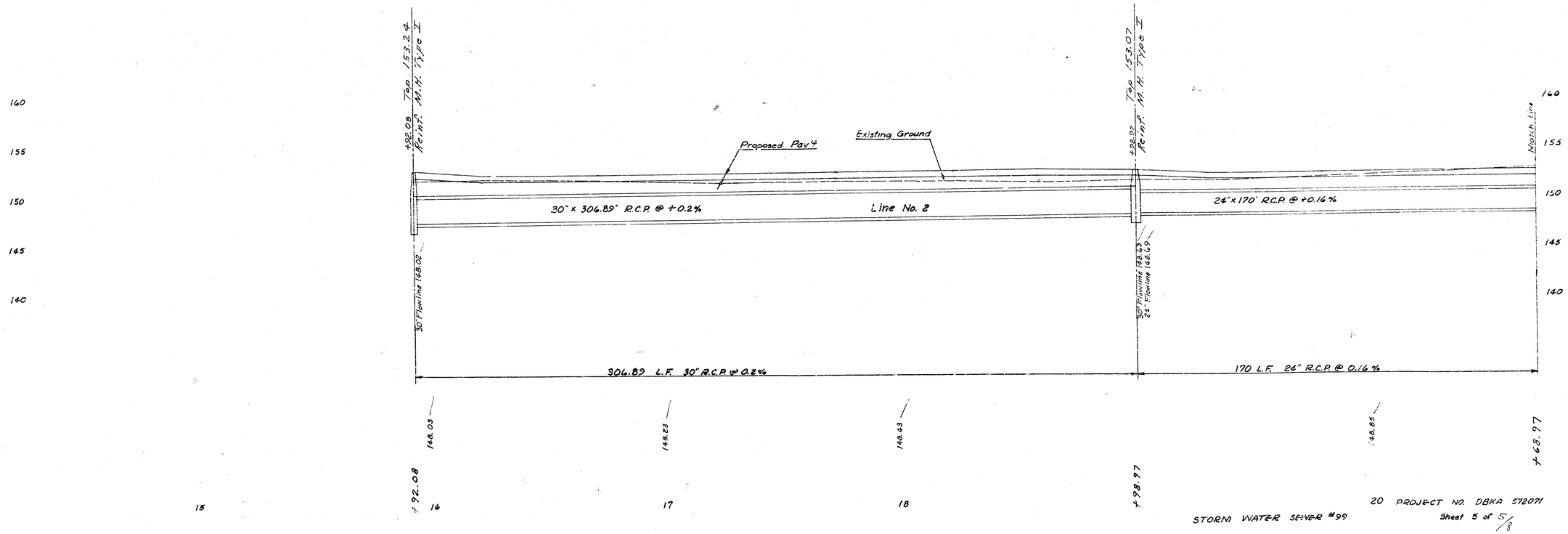
DLK 120
King WSR

B.M. 151.858 R.R. Spike N.E. Face RR 25' S. & 7' W. of Iron @ N.W. Cor. Lot 1, Blk. 8, Westlink Village 10th Add'n.





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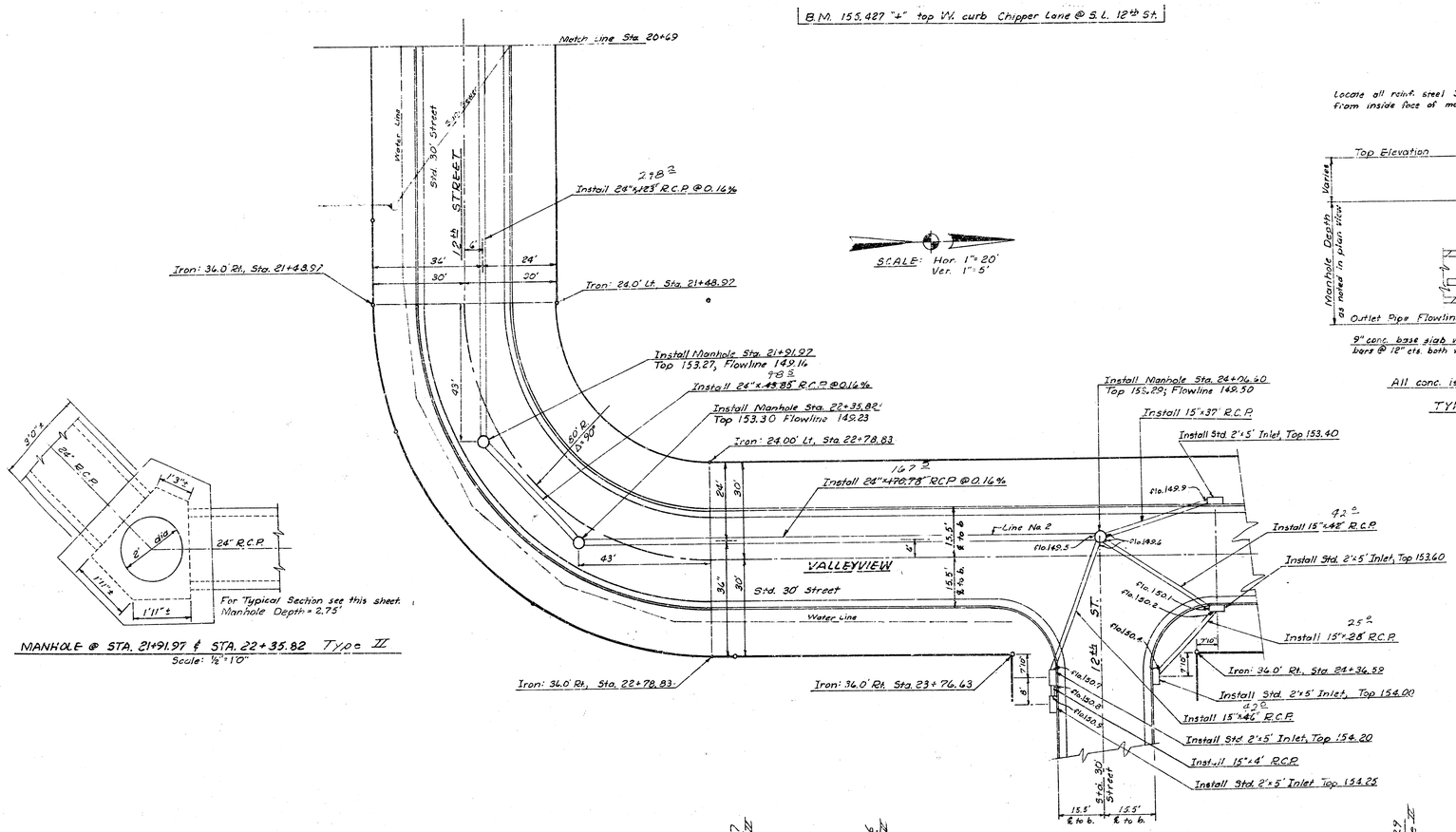
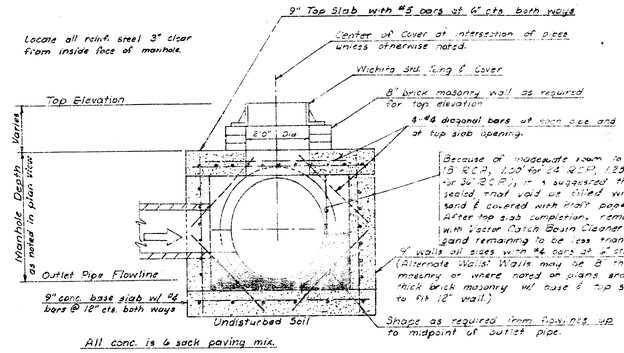
B.M. 155.427 "+" top W. curb Chipper Lane @ S.L. 12th St.

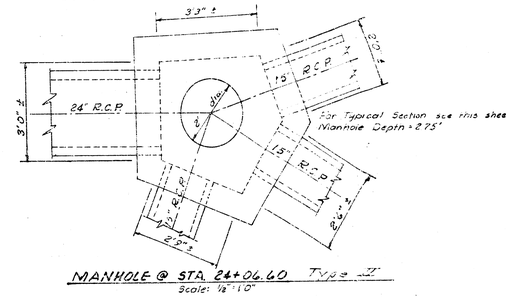


MANHOLE @ STA. 21+91.97 & STA. 22+35.82 Type II
Scale: 1/2" = 1'0"

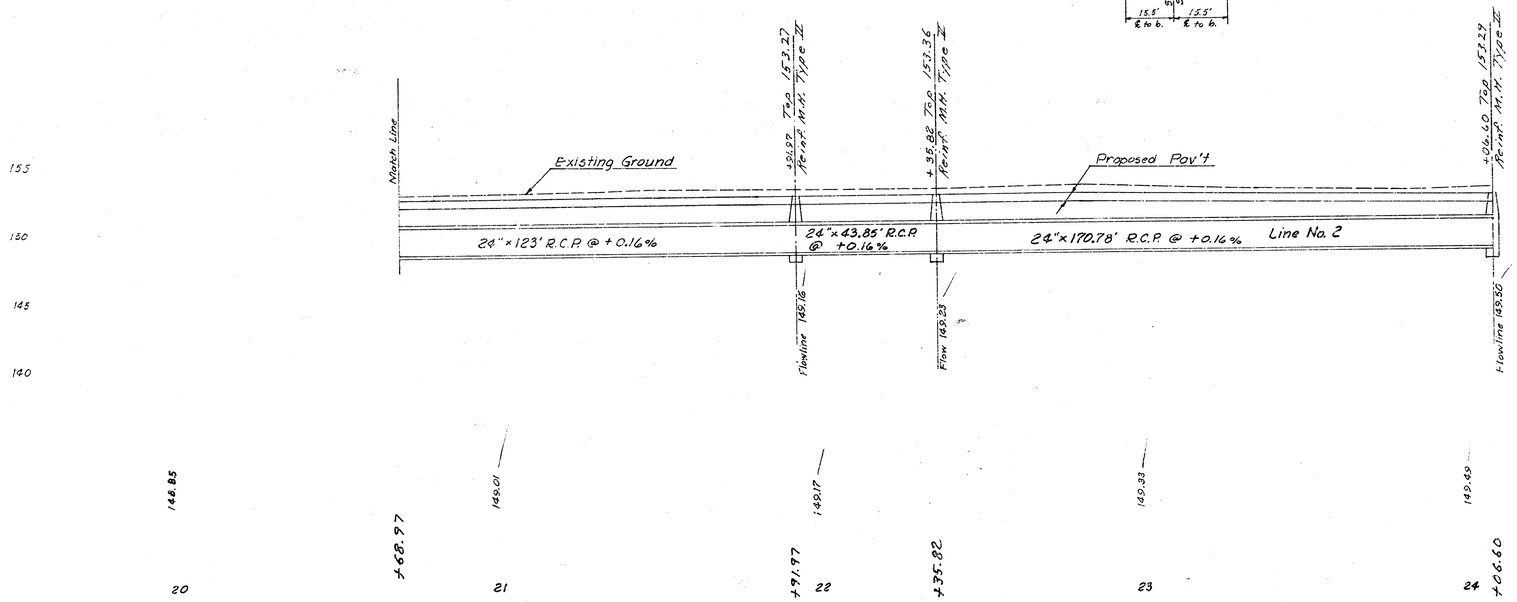


All conc. is 6 sack paving mix.

TYPICAL SECTION THRU MANHOLE
Scale: 1/2" = 1'0"



MANHOLE @ STA. 24+06.60 Type II
Scale: 1/2" = 1'0"



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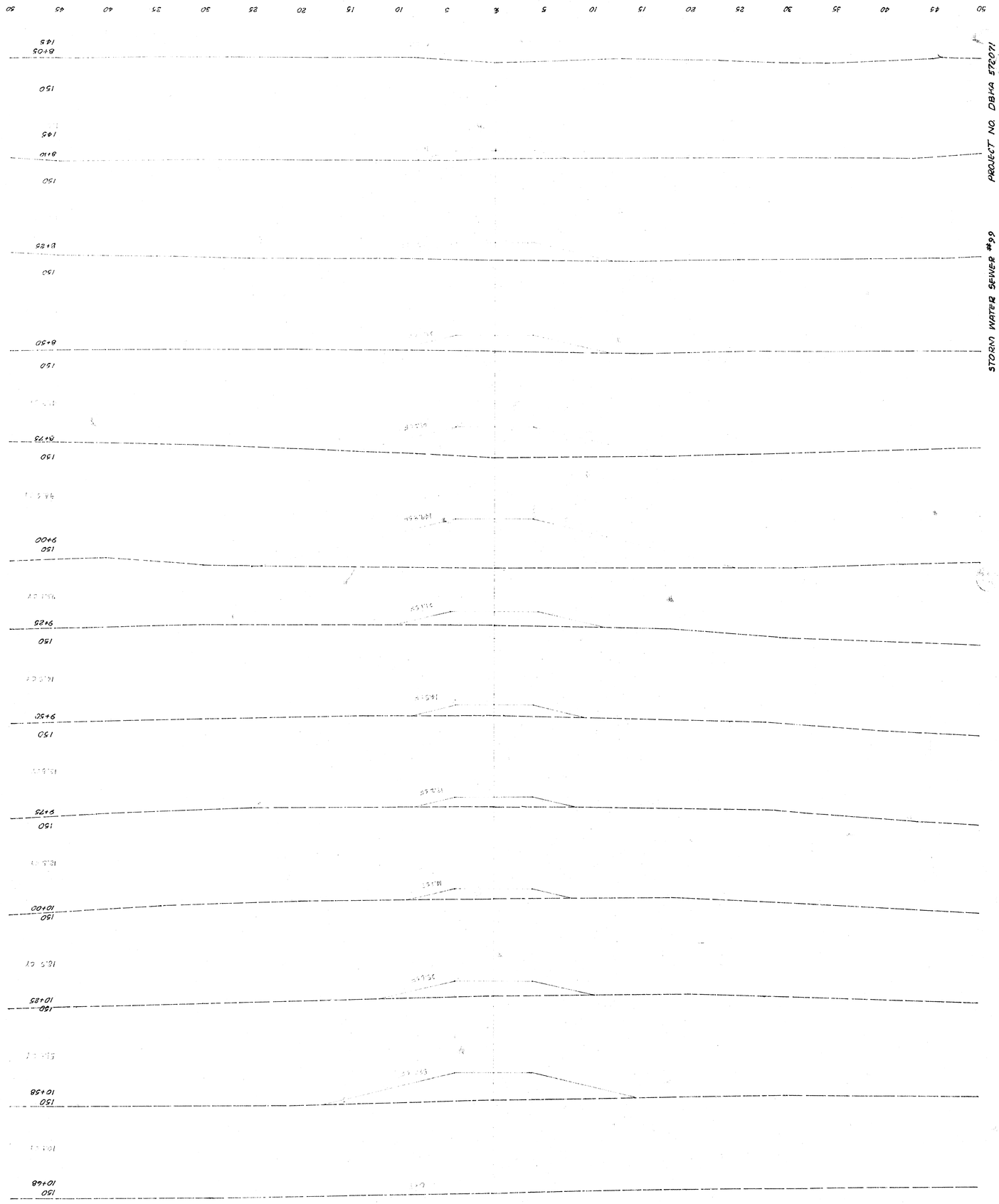
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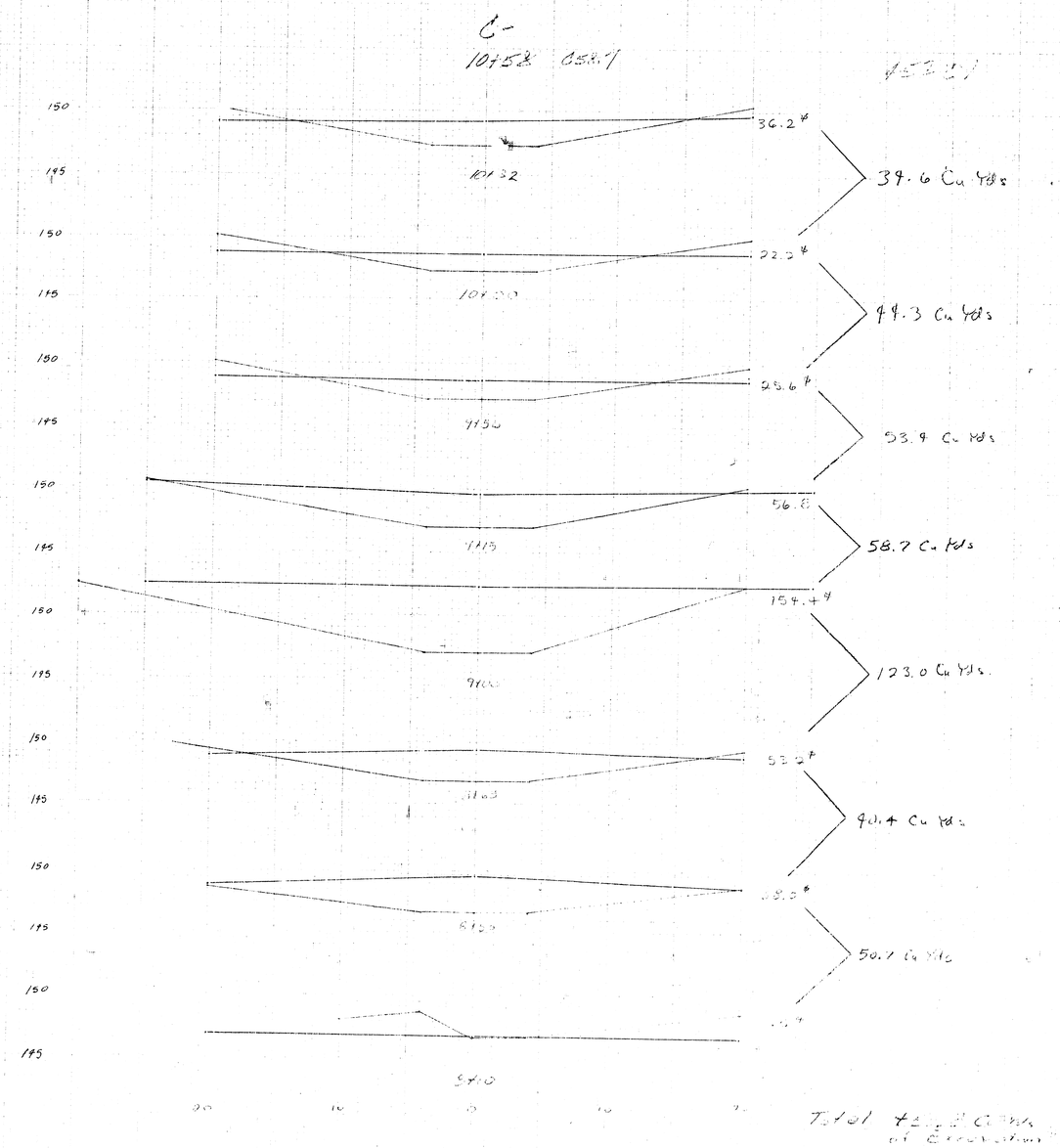

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