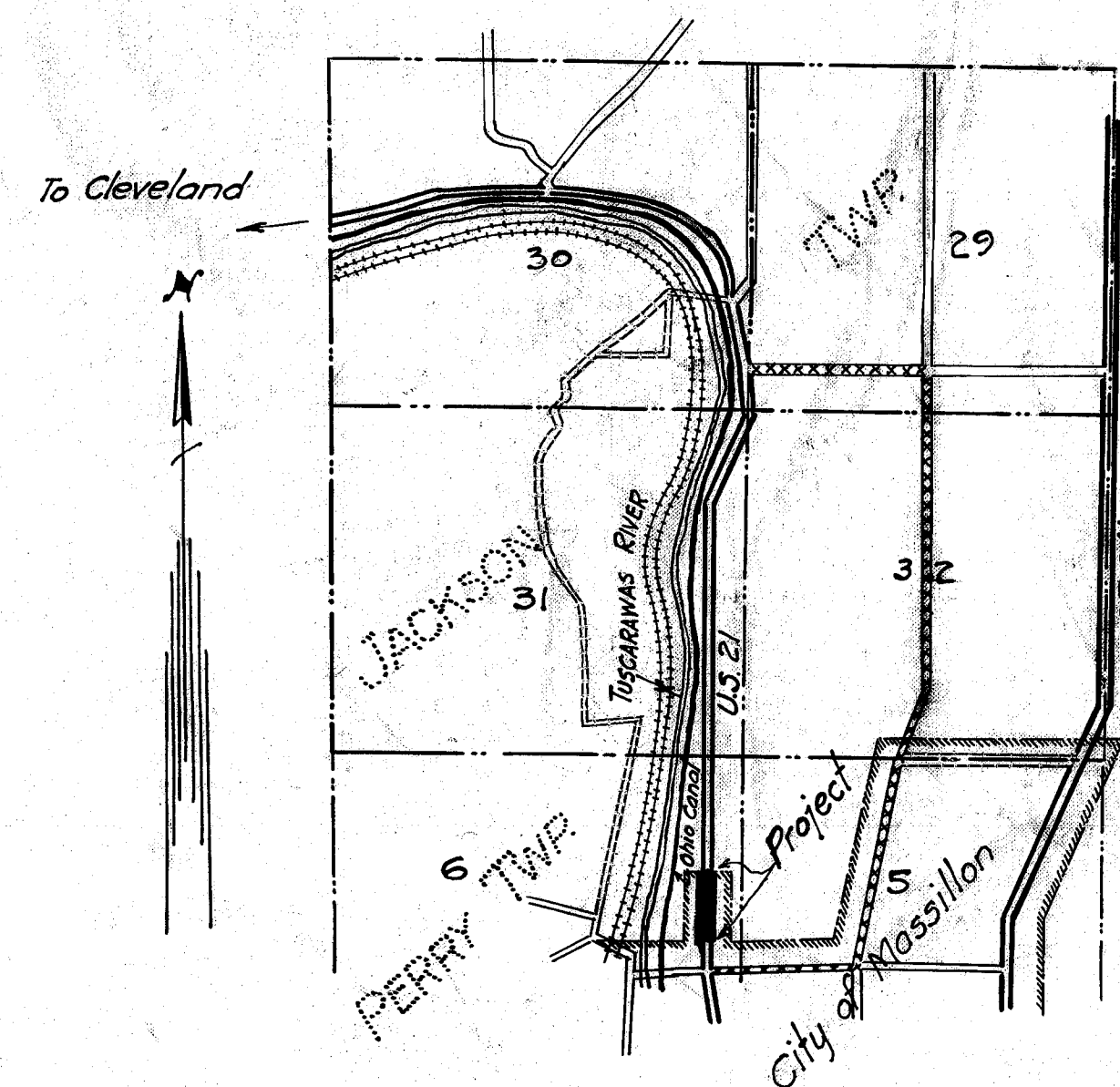


FIRST ST., NE., PAVING MASSILLON, OHIO.

REPAVING US ROUTE 21 IN NORTH END OF MASSILLON



LOCATION PLAN

SCALE = 1" = 1/2 MILE

Portion to be improved
Hard surface roads
Gravel roads (good condition)
Secondary roads (dirt)
Detours

Length of Project 1275 feet
Length of Project .2415 miles

I hereby approve these plans and declare that the making of the improvement will require the closing to traffic of the highway and that the detour will be provided as indicated on this plan. This detour is on a good gravel road and no special precautions needed, except marking of the detour.

Date Aug 2 - 33

C. E. P.
City Engineer.

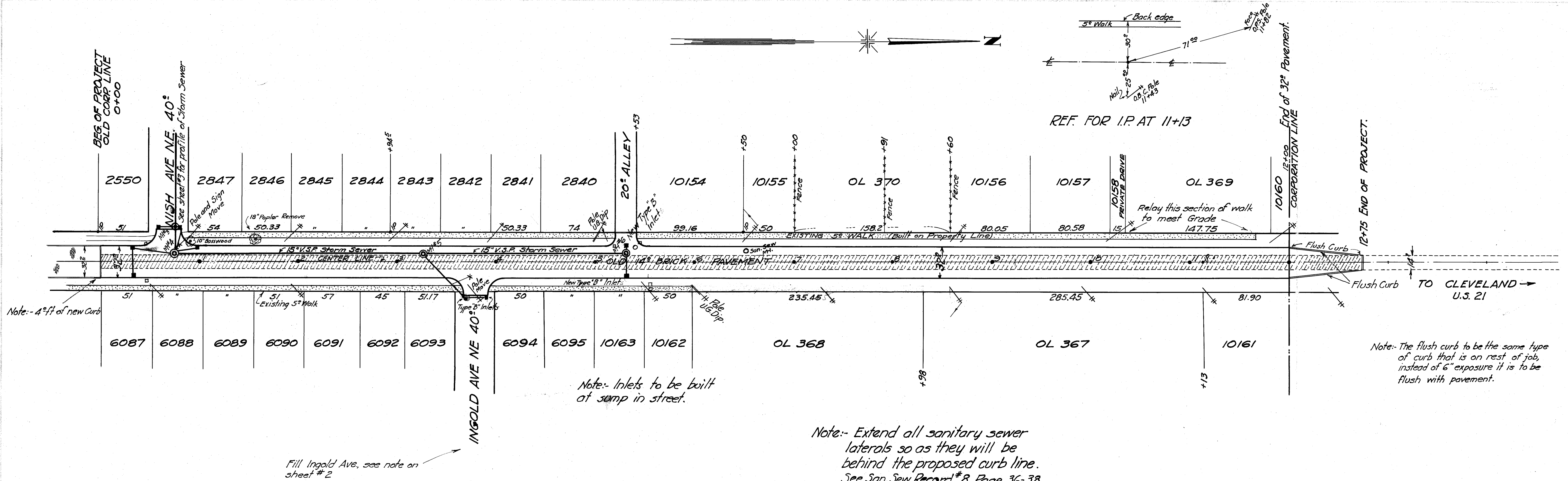
Approved _____
Date: _____ Chief Eng., Bureau of Construction

Approved _____
Date: _____ First Asst. Director & Chief Eng.

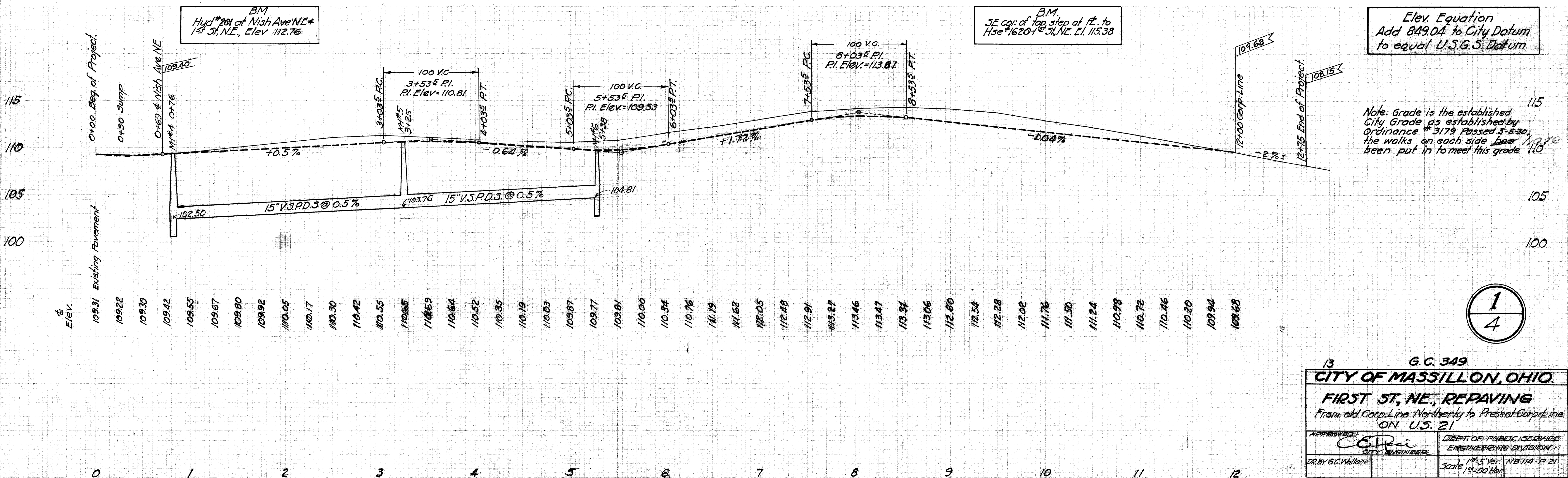
Approved _____
Date: _____ Director of Highways.

G.C. 349	
CITY OF MASSILLON, OHIO	
FIRST ST., NE. PAVING ON U.S. ROUTE #21	
From old corp line, northerly to present corp line	
APPROVED	DEPT. OF PUBLIC SERVICE ENGINEERING DIVISION
Dr. by G.C. Wallace Ck by	July 29 th 1933 Scale as noted. NB 114 - P. 21

FILE No. P150 Acc. No. 1238

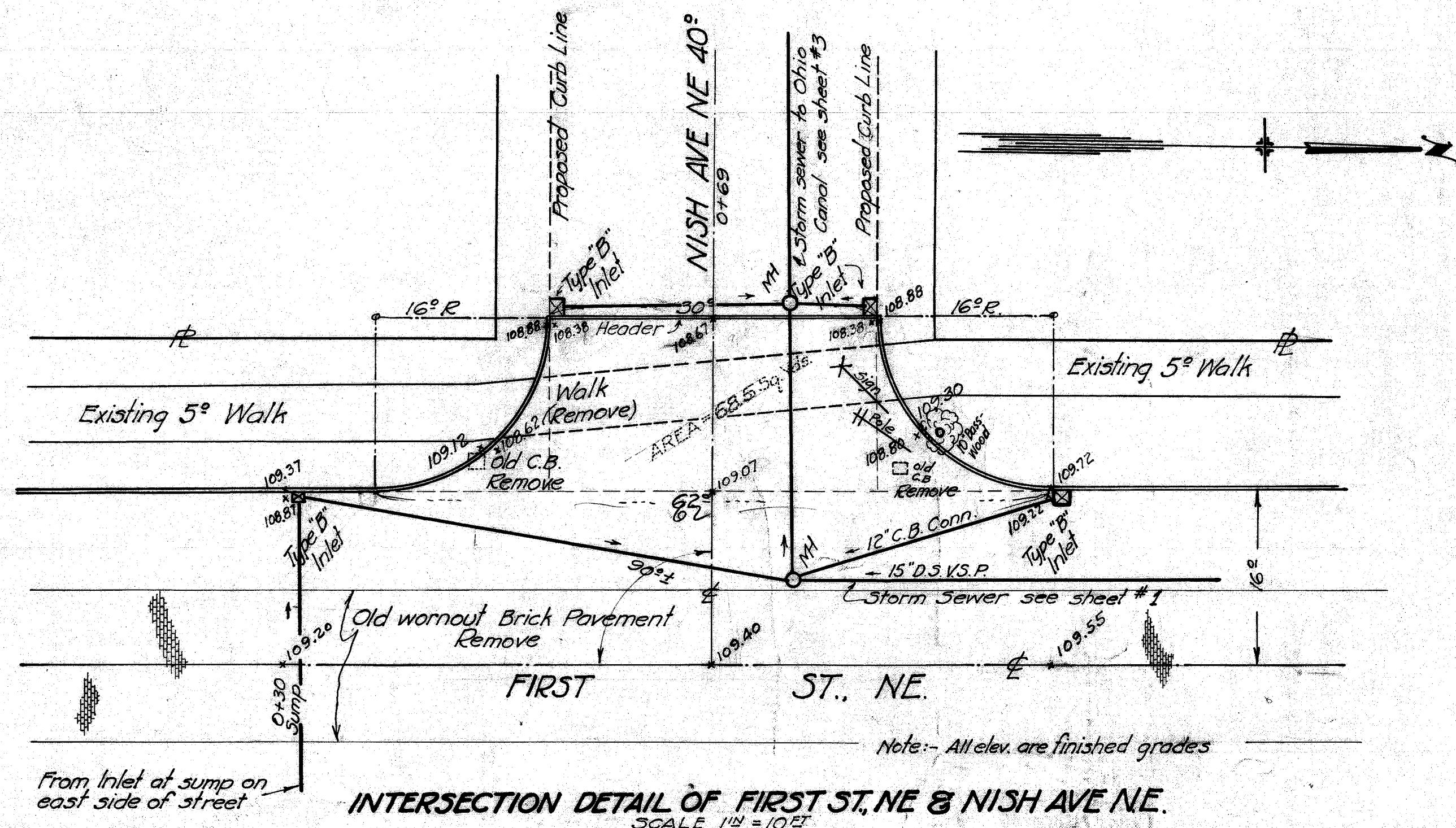


FIRST ST. NE. 60'

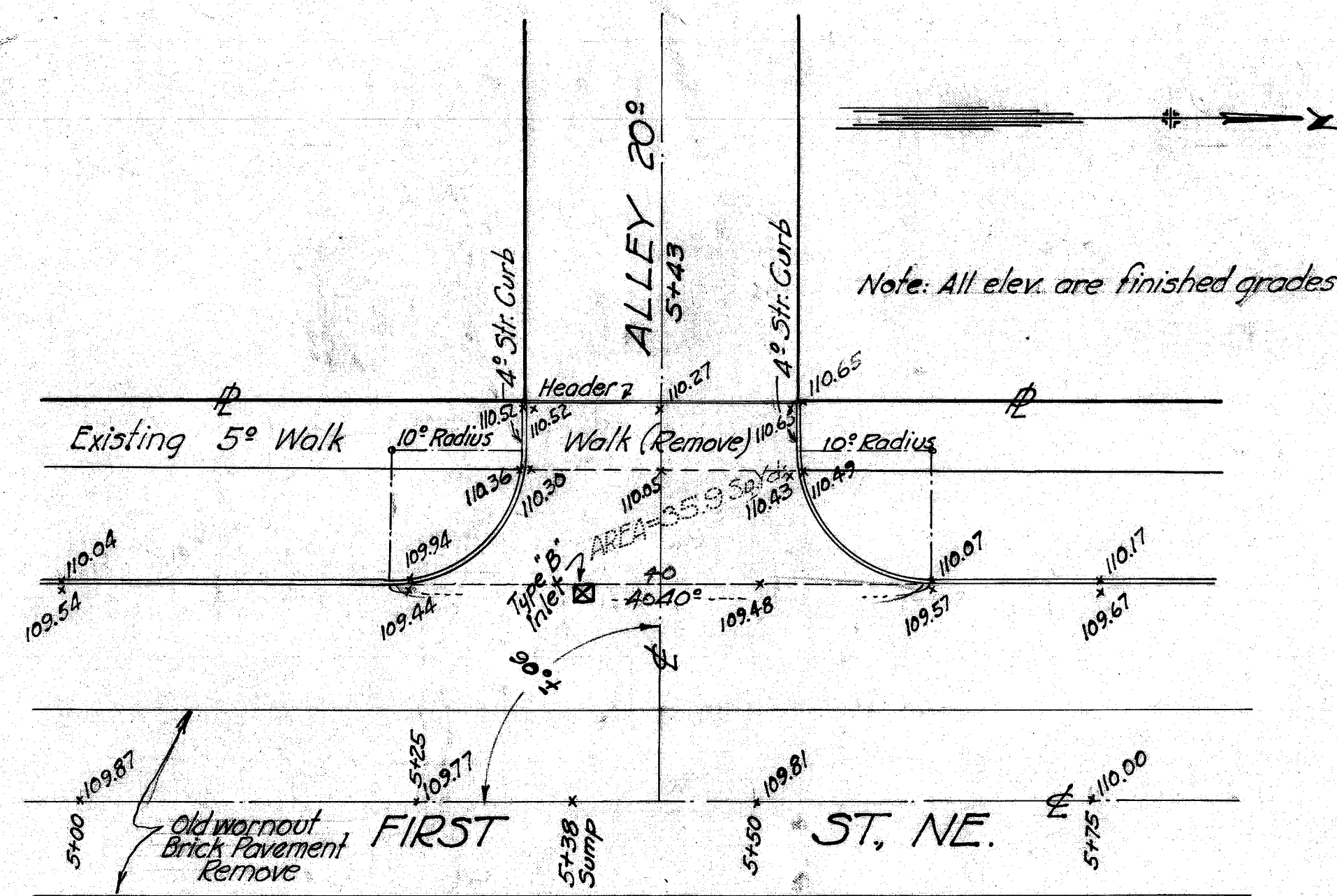


13 G.C. 349	
CITY OF MASSILLON, OHIO.	
FIRST ST. NE., REPAVING	
From old Corp. Line Northerly to Present Corp. Line	
ON U.S. 21	
APPROVED:	DEPT. OF PUBLIC SERVICE
CITY ENGINEER	ENGINEERING DIVISION
DR BY G.C. Wallace	Scale 1"=5' Ver. 1/8"=1' Hor.

FILE No. P.150 Acc No. 1239



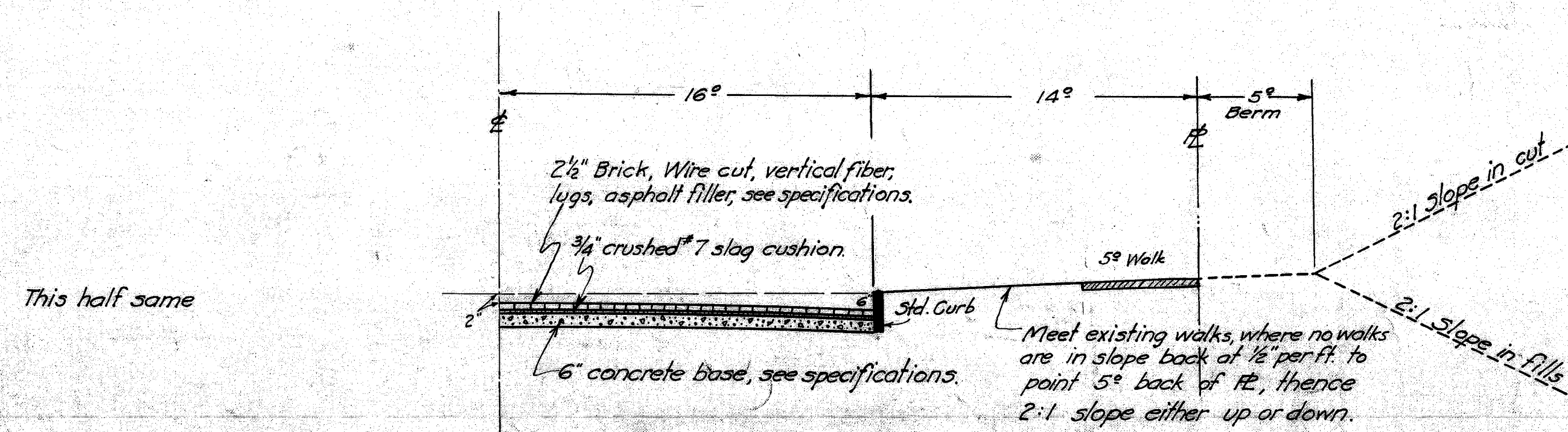
INTERSECTION DETAIL OF FIRST ST. NE & NISH AVE NE.
SCALE 1"=10'



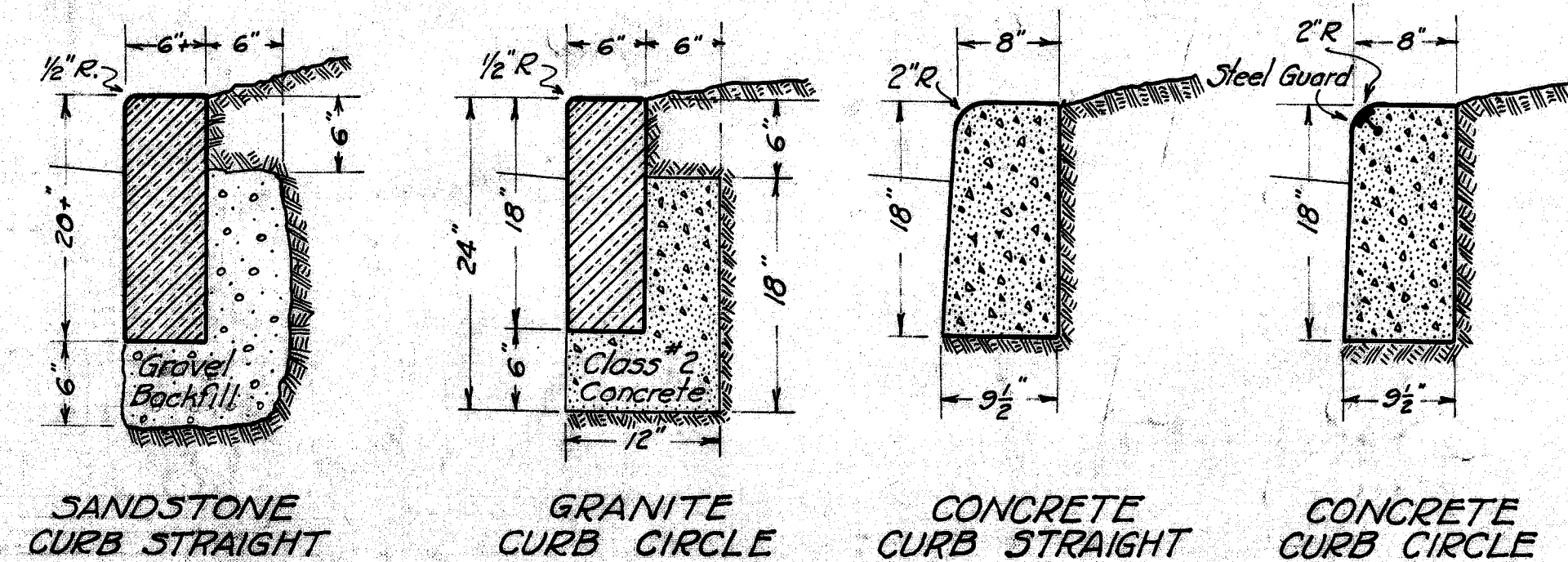
INTERSECTION DETAIL OF FIRST ST. NE & 20' FT. ALLEY
SCALE 1"=10'

SUMMARY OF QUANTITIES

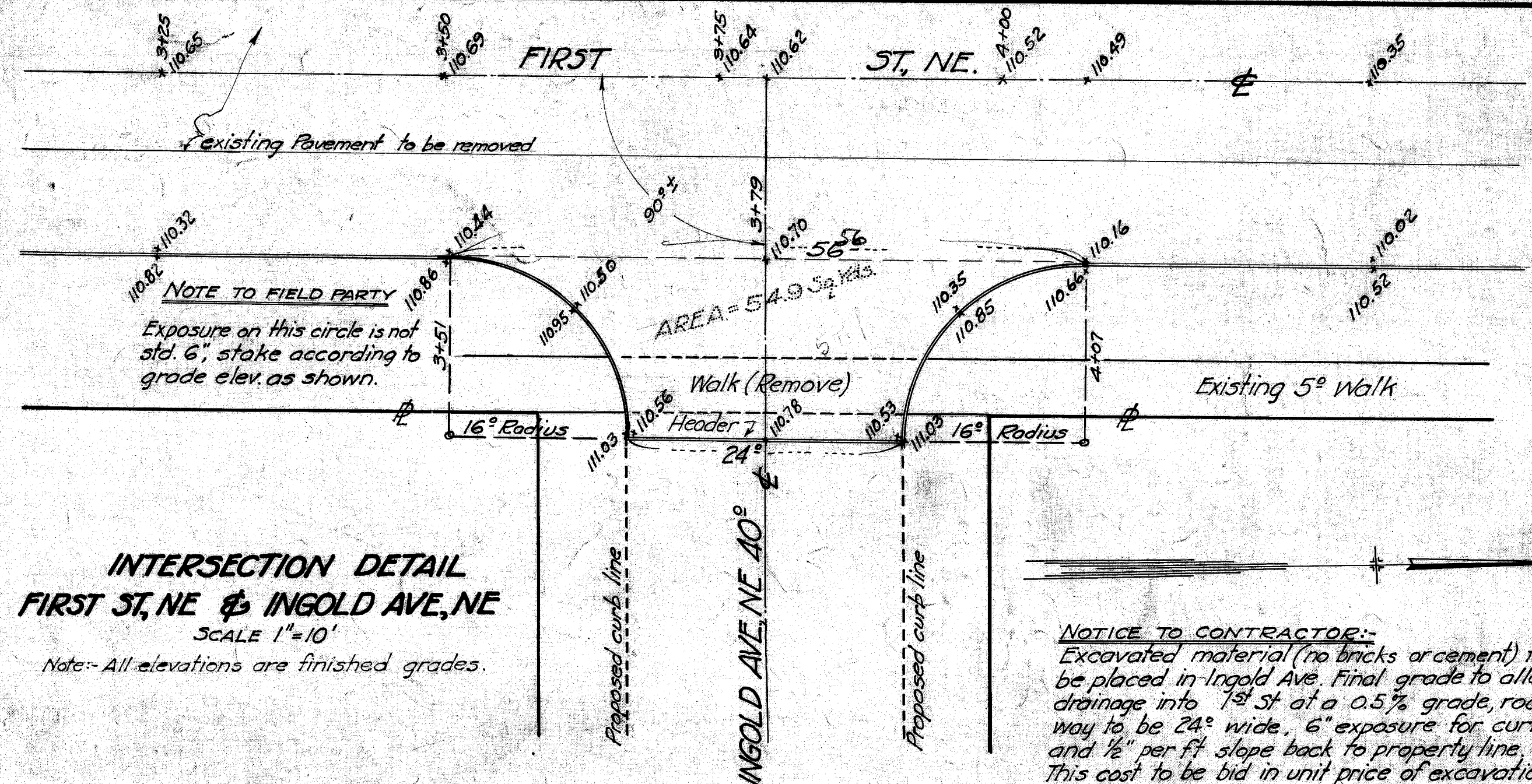
ITEM	AMT.	UNIT
Excavation	5100	Cu. Yds.
Concrete Base 6" thick	4617.6	Sq. Yds.
Brick Surface 2 1/2" Brick	4617.6	Sq. Yds.
Stone Curb straight	2404	lin. ft.
Granite Curb Circle	131.9	lin. ft.
Concrete walks 4" New	300.0	Sq. ft.
Concrete walks 6" New	300.0	Sq. ft.
Stone Curb reset	10	lin. ft.
Stone Curb reset & redressed	10	lin. ft.
Stone Curb reset & redressed in place	10	lin. ft.
Concrete walks reset	800	Sq. ft.
Concrete Header	74	lin. ft.
15" D.S. V.S.P. Storm Sewer	680	lin. ft.
12" V.S.P. Storm Sewer	350	lin. ft.
12" V.S.P. C.B. Conn. Storm Sewer	240	lin. ft.
Std. Type "B" Inlets	9	No.
Std. Type "B" Inlets grates	9	No.
Std. Storm Sewer Manholes	48	Ver. ft.
Std. Storm Sewer M. Casting	6	No.
6" V.S.P. San. Sew. laterals (pressite)	84	lin. ft.
Oak Wye Poles	21	No.
San. Sewer M.H.s reset	5	No.



TYPICAL SECTION
SHOWING HALF OF THE STREET
SCALE 1"=5'



TYPICAL CURB SECTIONS
SCALE 1/4"=1'



INTERSECTION DETAIL
FIRST ST. NE & INGOLD AVE, NE
SCALE 1"=10'
Note: All elevations are finished grades.

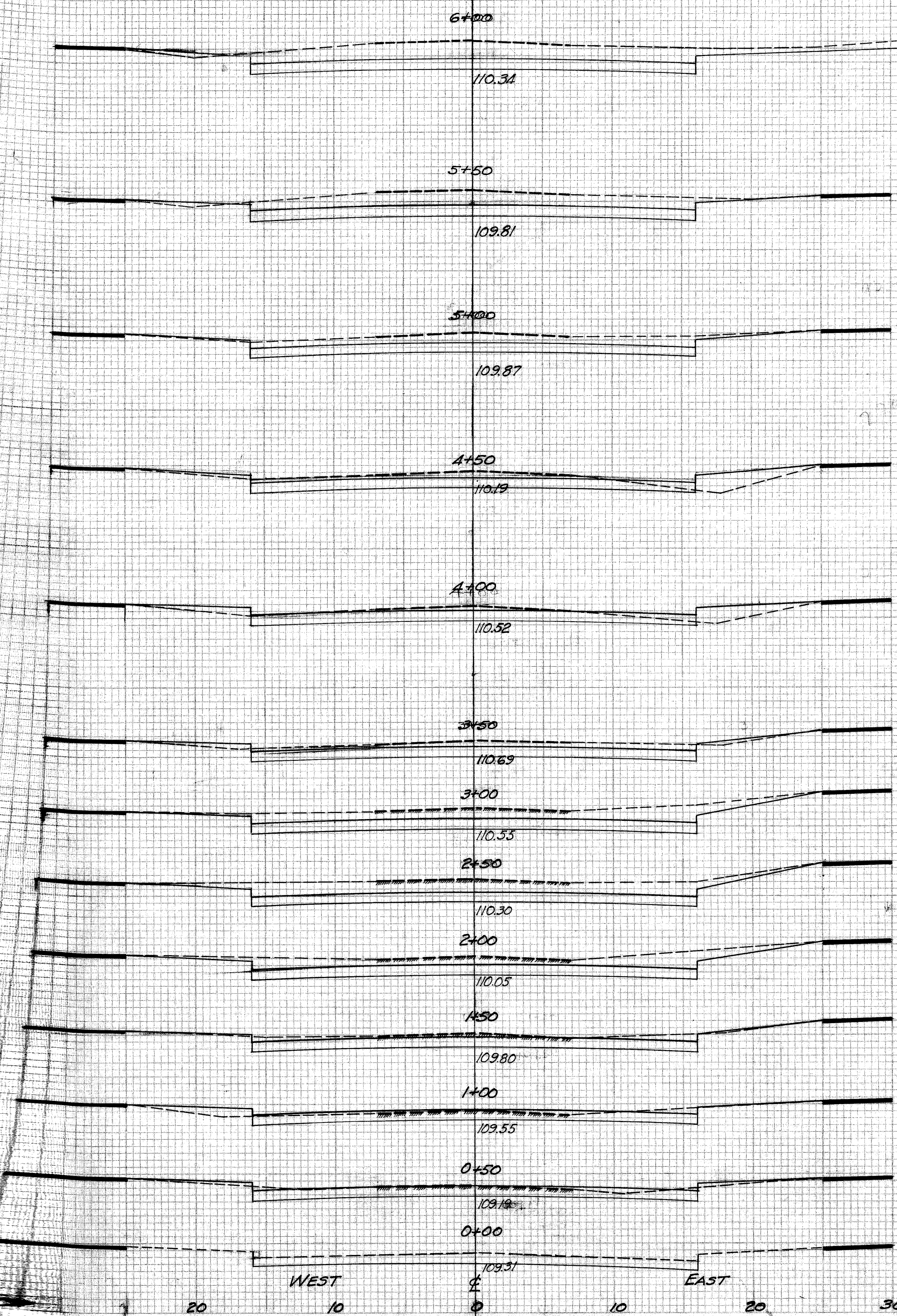
NOTICE TO CONTRACTOR:
Excavated material (no bricks or cement) to be placed in Ingold Ave. Final grade to allow drainage into 1st St at a 0.5% grade, roadway to be 24' wide, 6" exposure for curb and 1/2" per ft. slope back to property line. This cost to be bid in unit price of excavation.

G.C. 349
CITY OF MASSILLON, OHIO.
FIRST ST. NE REPAVING
From old Corp. Line Northerly to Present Corp. Line
ON U.S. 21

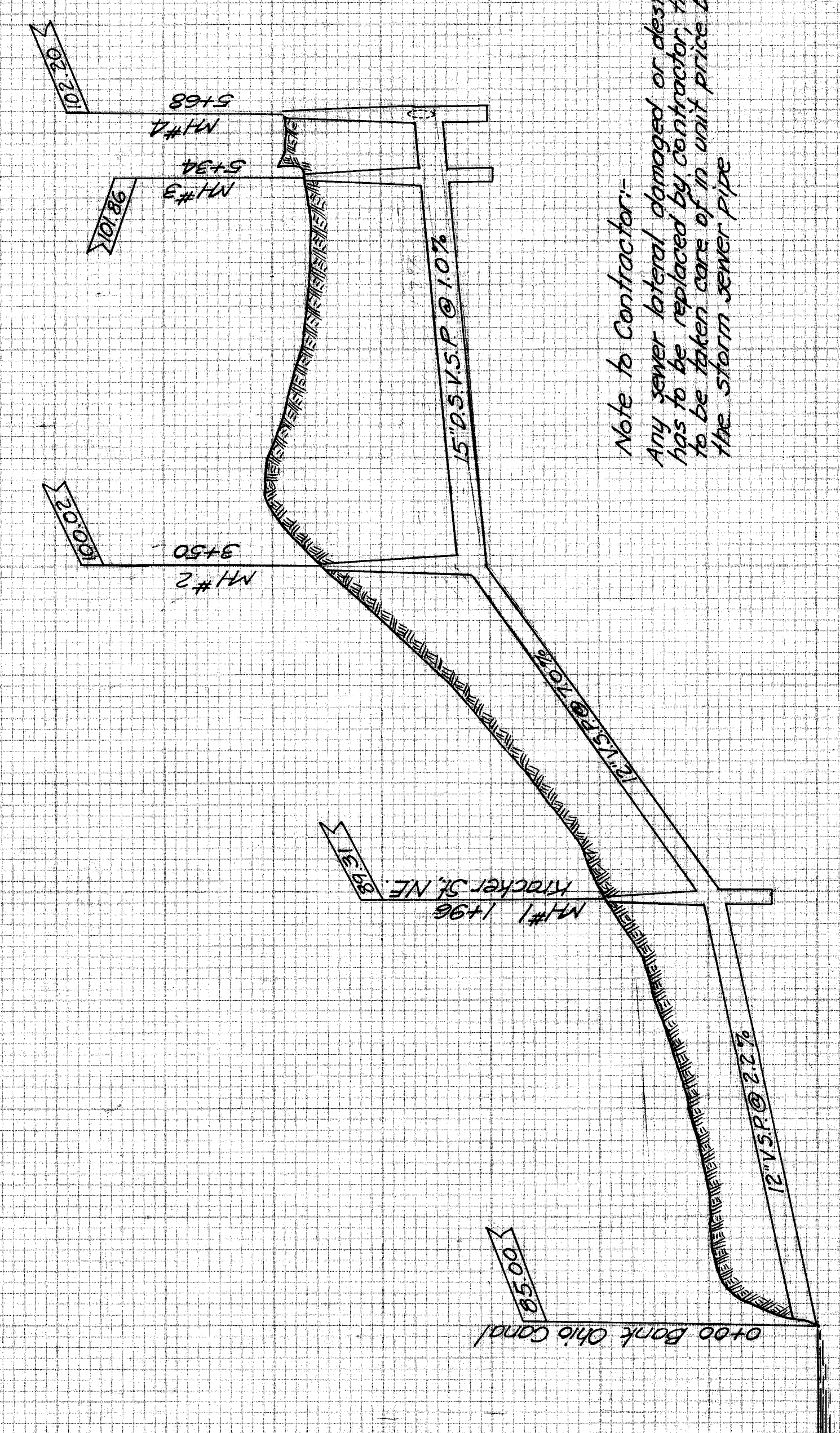
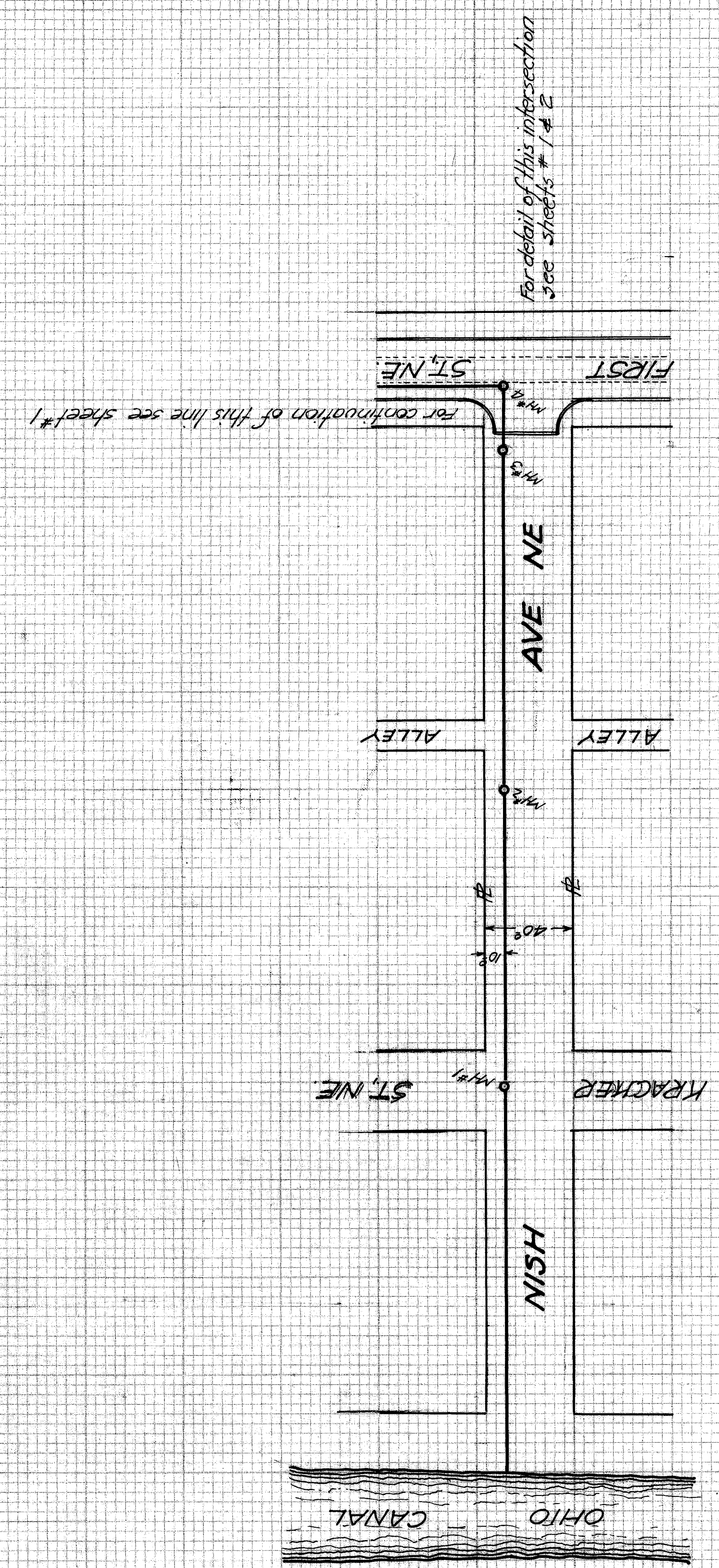
APPROVED: *C. E. B.* CITY ENGINEER
DEPT. OF PUBLIC SERVICE
ENGINEERING DIVISION
July 24th 1933
Scale as shown
WB 114 - P. 21

FILE No. P-150 Acc. No. 1240

X-sec. from 6+50 to 12+50 see sheet #4



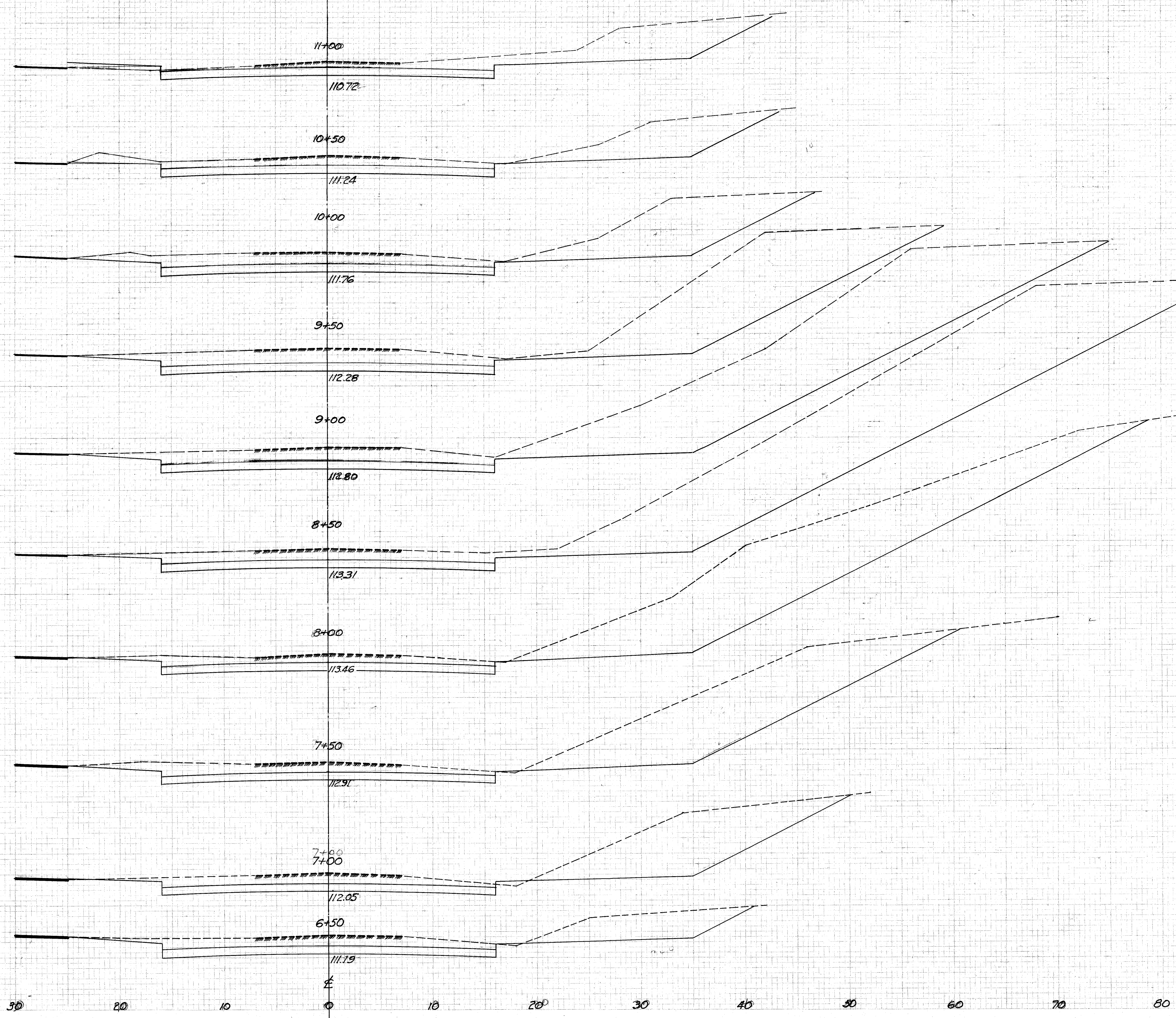
END AREA		CU. YDS.	
CUT	FILL	CUT	FILL
76.0	0.8	157.4	0.7
55.2	1.6	121.5	2.2
40.4	0.4	88.5	1.9
30.4	11.2	65.6	10.7
28.0	12.4	54.0	21.8
27.6	2.8	51.5	14.1
50.0	6.1	71.9	2.7
52.0	9.8	94.5	
52.4	75.2	96.8	1.1
28.8	1.2	49.2	3.3
24.4	2.4	44.1	4.5
23.2	2.4	40.0	2.2
20.0			



Note to Contractor:-
Any sewer lateral damaged or destroyed
has to be replaced by contractor, this item
to be taken care of in unit price bid on
the storm sewer pipe

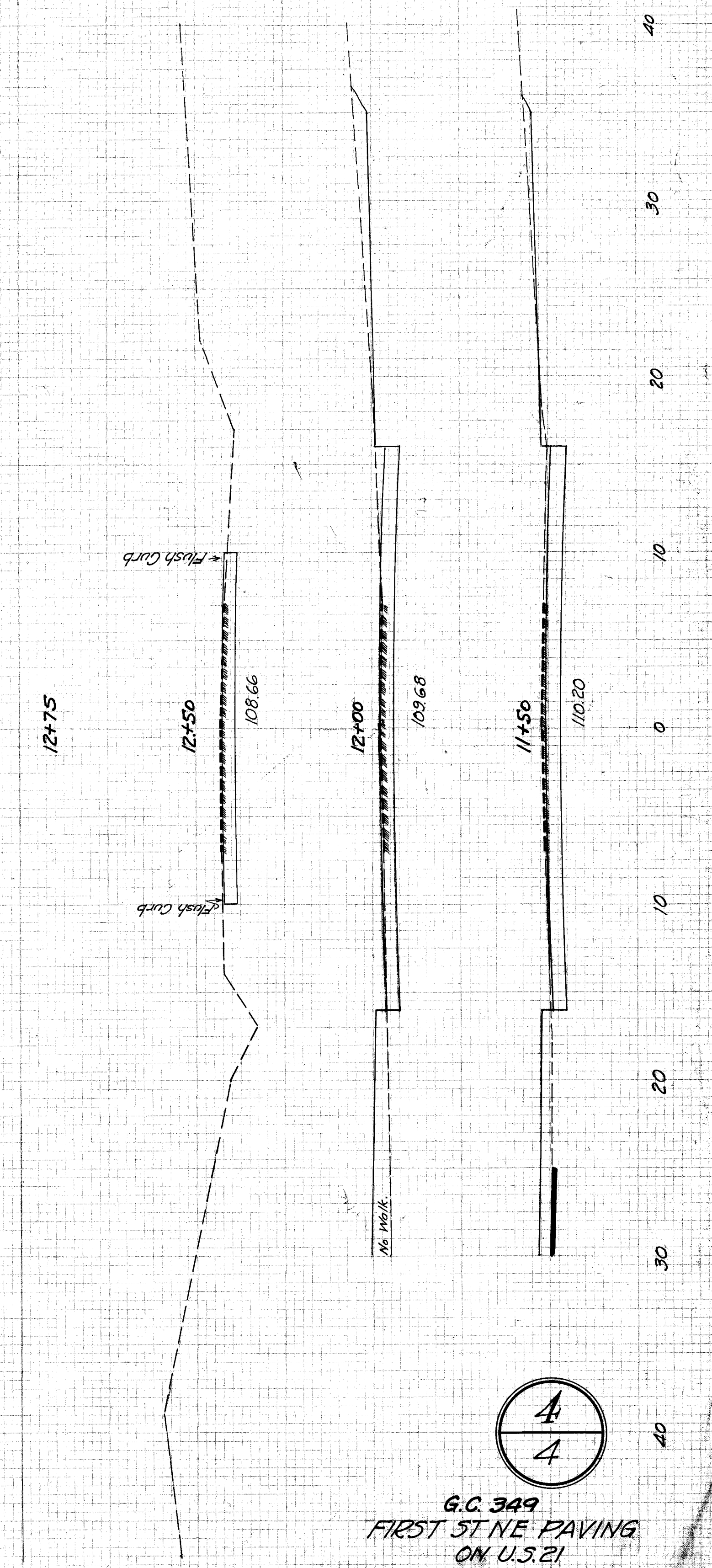
G.C. 349
FIRST ST NE PAVING
ON U.S. 21
X-SEC - STORM SEWER
FILE NO. P150 ACC. NO. 1241

3
4



END AREA		CU. YDS.	
CUT	FILL	CUT	FILL
99.2		187.8	
103.6		230.0	
144.4		352.5	
236.0		560.0	
368.0		745.0	
436.0		706.0	
326.0		501.0	
215.2		334.0	
145.2		221.5	
94.0			
		90	

END AREA		CU. YDS.	
CUT	FILL	CUT	FILL
10.5		12.2	
16.8		43.4	
30.0		64.1	
37.2		128.9	



4
 4
 G.C. 349
 FIRST ST NE PAVING
 ON U.S. 21
 X-SECTIONS
 FILE No. P150 ACC No 1242