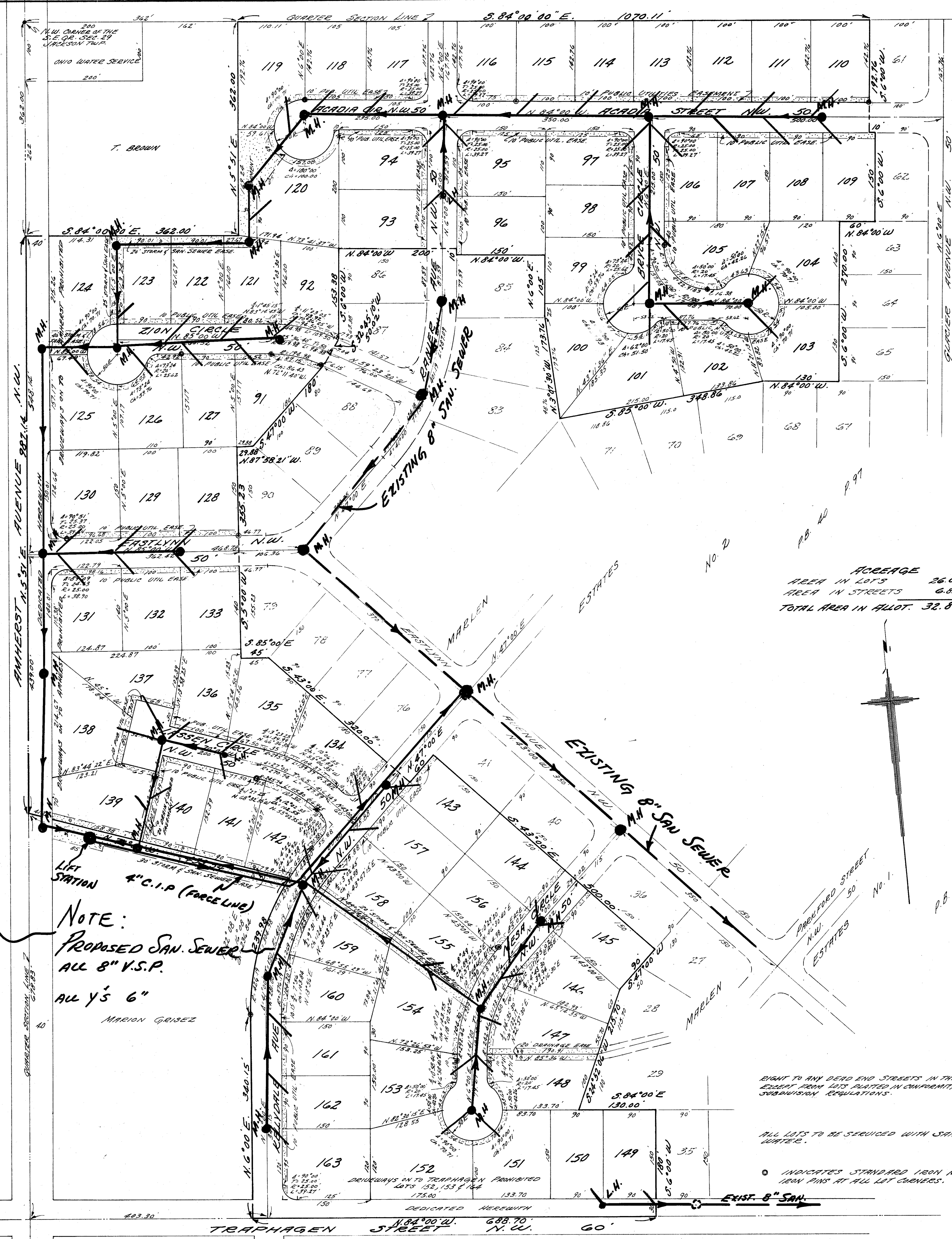




NOTE:
PROPOSED SAN. SEWER
ALL 8" V.S.P.
ALL Y'S 6"
MARION GRISSEZ

ACREAGE
AREA IN LOTS 26.077 ACRES
AREA IN STREETS 6.880 ACRES
TOTAL AREA IN ALLOT. 32.957 ACRES

RIGHT TO ANY DEAD END STREETS IN THIS ALLOTMENT IS PERMITTED
EXCEPT FROM LOTS PLATTED IN CONFORMANCE WITH THE STARK COUNTY
SUBDIVISION REGULATIONS.

ALL LOTS TO BE SERVICED WITH SANITARY SEWER AND
WATER.

INDICATES STANDARD IRON MONUMENTS.
IRON PINS AT ALL LOT CORNERS.

ENTERED FOR TRANSFER THIS _____ DAY OF _____ 1972
STARK COUNTY AUDITOR
RECEIVED FOR RECORD THIS _____ DAY OF _____ 1972
RECORDED IN PLAT BOOK _____ PAGE _____
STARK COUNTY RECORDER

MARLEN ESTATES NO. 3

PART OF THE S.E. Q.R. SEC. 29 TWP. 11 (JACKSON) R. 9
STARK COUNTY, OHIO.

SCALE 1" = 100' 1972

MARION GRISSEZ - OWNER

I HEREBY CERTIFY THAT THIS IS A CORRECT PLAT OF "MARLEN ESTATES NO. 3" AN ALLOTMENT LOCATED IN PART OF THE
SOUTHEAST QUARTER, SECTION 29, TOWNSHIP 11 (JACKSON), RANGE 9. SURVEYED BY ME THIS 26 TH DAY
OF OCTOBER 1972.

William J. Nicks
REGISTERED SURVEYOR NO. 3102

KNOW ALL MEN BY THESE PRESENTS THAT THE OWNERS OF THE LAND SHOWN ON THIS PLAT, HEREBY ACKNOWLEDGE THE
MAKING OF THE SAME TO BE THEIR FREE ACT AND DEED.

OWNERS
Marion Grissez
Robert A. Miller

WITNESS
Carl Shuman
William J. Nicks

STATE OF OHIO } S.S.
COUNTY OF STARK }

BEFORE ME, A NOTARY PUBLIC IN AND FOR SAID COUNTY, PERSONALLY APPEARED THE ABOVE MENTIONED
OWNERS WHO ACKNOWLEDGE THAT THEY DID SIGN THE FOREGOING INSTRUMENT AND THAT IT WAS THEIR FREE ACT AND DEED
ACCORDING TO LAW. I HEREBY SET MY HAND AND SEAL THIS 13TH DAY OF NOVEMBER 1972.

Carl Shuman
NOTARY PUBLIC
CARL SHUMAN

LIFETIME
MY COMM. EXPIRES

APPROVED BY THE STARK COUNTY REGIONAL PLANNING COMMISSION AT A MEETING HELD THIS _____ DAY OF _____ 1972.

PRESIDENT SECRETARY

APPROVED AND ACCEPTED BY THE STARK COUNTY BOARD OF HEALTH THIS _____ DAY OF _____ 1972.

STARK COUNTY HEALTH COMMISSIONER

PLAT APPROVED AND ACCEPTED THIS _____ DAY OF _____ 1972.

STARK COUNTY ENGINEER

KNOW ALL MEN BY THESE PRESENTS THAT THE UNDERSIGNED, THE OWNERS OF LAND SHOWN ON THIS PLAT, DO HEREBY GIVE
AND GRANT THE "OHIO ESTATE CO." AND THE "OHIO BELL TELEPHONE CO." AND THEIR SUCCESSORS AND ASSIGNS WITHIN THE AREA
AS SHOWN BY DOTTED LINES ON THE PLAT AND MARLED "PUBLIC UTILITIES EASEMENTS" THE USE OF AN EASEMENT AND RIGHT OF
WAY FOR LINES, OPEN AND COVER, AS SHOWN HEREON. THE LINES SHALL BE LOCATED ALONG AND ONE FOOT OUTSIDE THE LIMITS
OF ALL STREETS, RIGHOWNS OR DRIVES WITHIN THIS ALLOTMENT AS NOW ESTABLISHED AND/OR AS MAY HEREINAFTER BE EST-
ABLISHED OR CHANGED. THE EASEMENT SHALL BE USED TO INSTALL, LAY, CONSTRUCT, RENEW, OPERATE AND MAINTAIN CONDUIT,
CABLES, PIPES, AND WIRES, OVERHEAD AND UNDERGROUND, WITH ALL NECESSARY DEVICES, GUYS, ANCHORS AND OTHER
EQUIPMENT FOR THE PURPOSE OF SERVING THE SUBDIVISION WITH SERVICE. THE RIGHT IS ALSO HEREBY GRANTED TO CUT DOWN AND
REMOVE OR TO BE CUT DOWN AND REMOVED ANY TREES, SHRUBS OR SPRINGS THAT INTERFERE WITH ANY EQUIPMENT OR LINES, NO PERMANENT
BUILDINGS AND TALLS SHALL BE BUILT ON THIS EASEMENT BUT SAME MAY BE USED FOR GRASSLANDS, PASTURES, CHICKENPENS AND OTHER
PURPOSES THAT DO NOT THEN OR LATER INTERFERE WITH THE AFORESAID USES OR THE RIGHTS HEREIN GRANTED.

OWNER
Marion Grissez
Robert A. Miller

WITNESS
Carl Shuman
William J. Nicks

STATE OF OHIO } S.S.
COUNTY OF STARK }

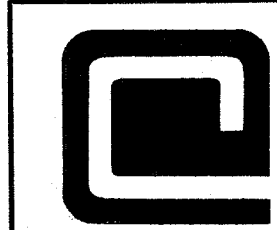
BEFORE ME, A NOTARY PUBLIC IN AND FOR SAID COUNTY, PERSONALLY APPEARED THE ABOVE MENTIONED
OWNERS WHO ACKNOWLEDGE THAT THEY DID SIGN THE FOREGOING INSTRUMENT AND THAT IT WAS THEIR FREE ACT AND DEED
ACCORDING TO LAW. I HEREBY SET MY HAND AND SEAL THIS 13TH DAY OF NOVEMBER 1972.

Carl Shuman
NOTARY PUBLIC
CARL SHUMAN

LIFETIME
MY COMM. EXPIRES

PLAT APPROVED AND ACCEPTED BY THE STARK COUNTY COMMISSIONERS THIS _____ DAY OF _____ 1972.

STARK COUNTY COMMISSIONERS



L.W.J. COOPER AND ASSOCIATES
CONSULTING ENGINEERS AND SURVEYORS

201 LINCOLN
AVENUE N. W.
CANTON, OHIO
44708

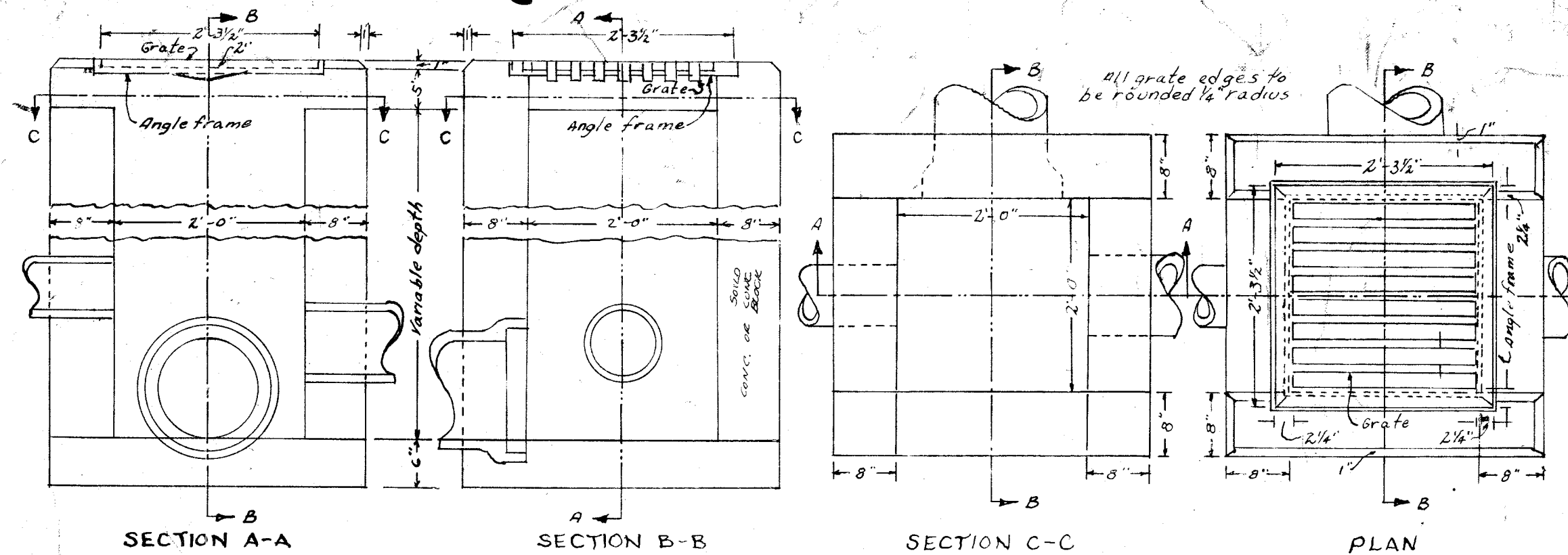
PHONE (216) 452-5731
(216) 492-3303

JAMES L. COOPER
J. EDWARD JUENEMANN JR.
ROBERT A. MILLER
WILLIAM J. MEOLA

MARLEN ESTATES NO. 3.
PART S.E. Q.R. SEC. 29 TWP. 11 (JACKSON) R. 9.
STARK COUNTY, OHIO.
FOR
MARION GRISSEZ

SURVEYED	PLATTED	FIELD BOOK	DATE	FILE	SCALE
W. J. MEOLA	W. J. M.				1" = 100'

STANDARD NO 2-2-A CATCH BASIN



NOTES

GRATING AND FRAME shall meet the requirements of Item I-9. The design shall be essentially the same and equally as strong as the one shown hereon.

Weight of grate minimum 120 lbs. Weight of frame minimum 40 lbs. CONCRETE cast in place to be Class "C".

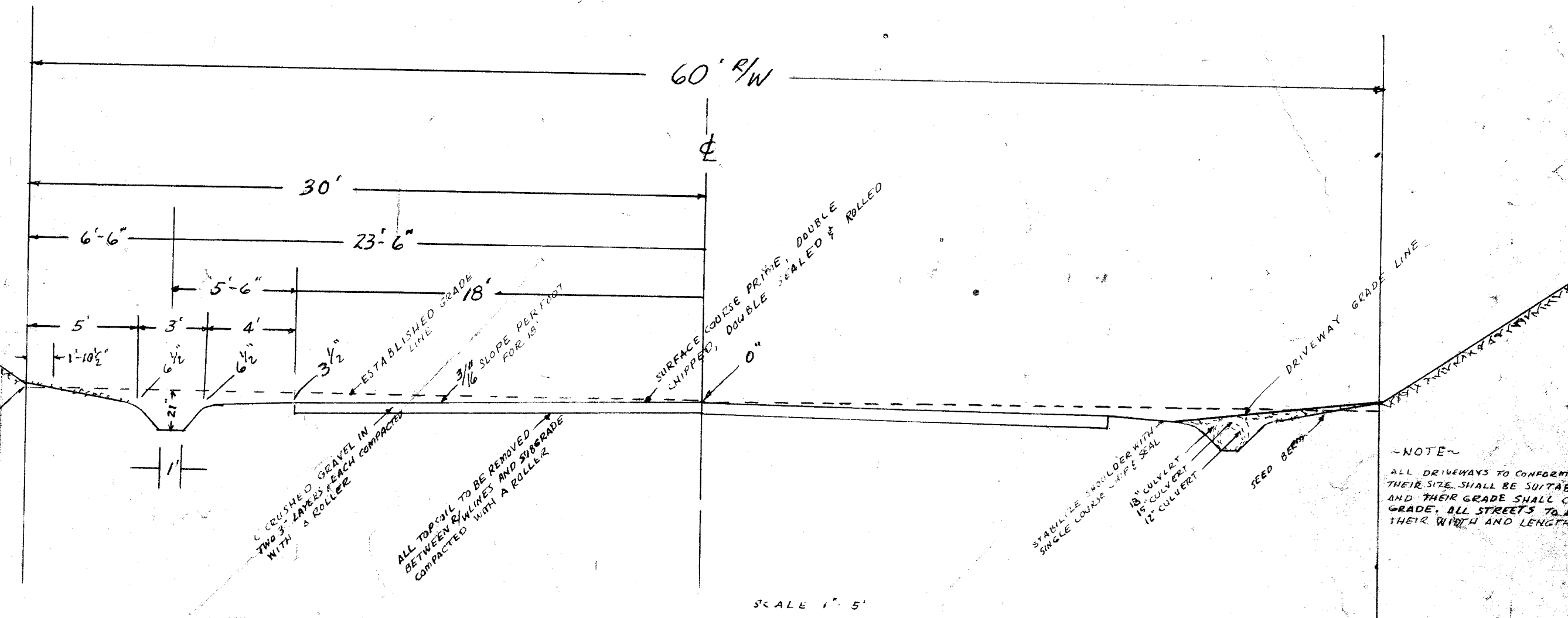
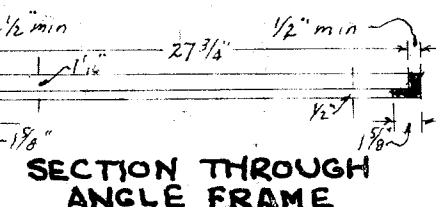
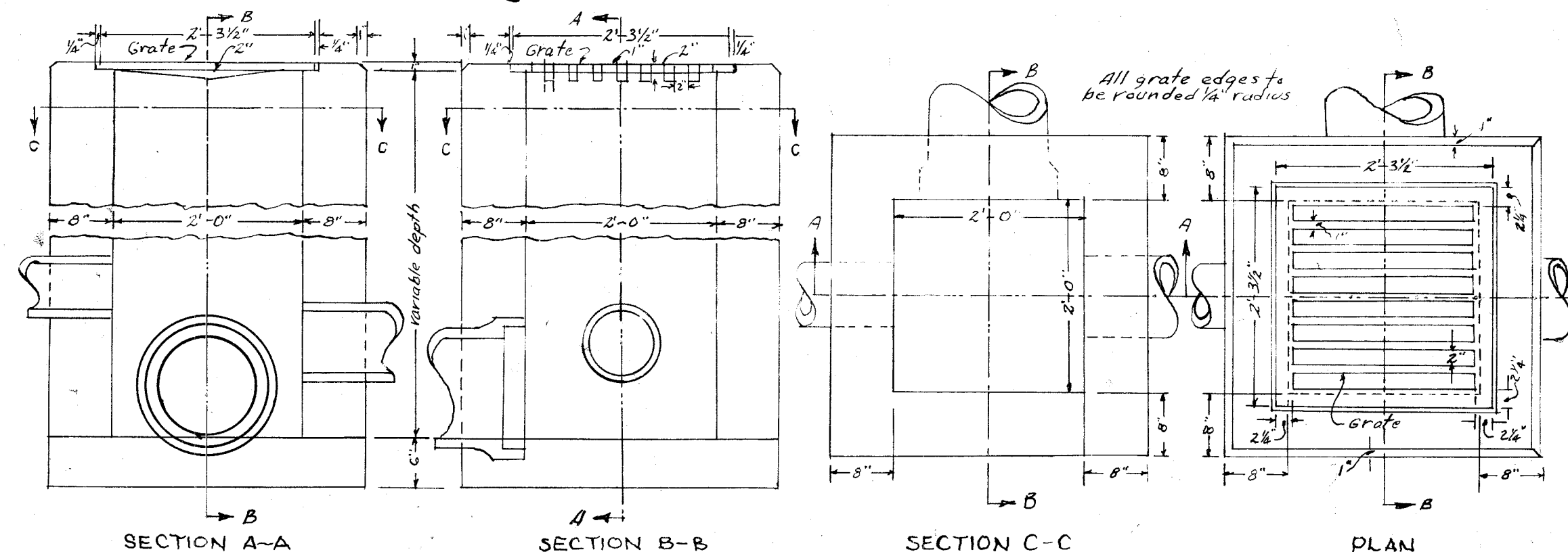
BRICK OR CONCRETE BLOCK side walls when used in place of concrete shall be 8 inches minimum in thick. When brick or concrete blocks are used the walls of the catch basin above the flow line of the side opening shall be constructed of Portland Cement concrete.

2-2-A SIDE INLETS to be placed 4 to 6 inches below normal elevations of median or ditch flow line returning to normal 10 feet each side of basin.

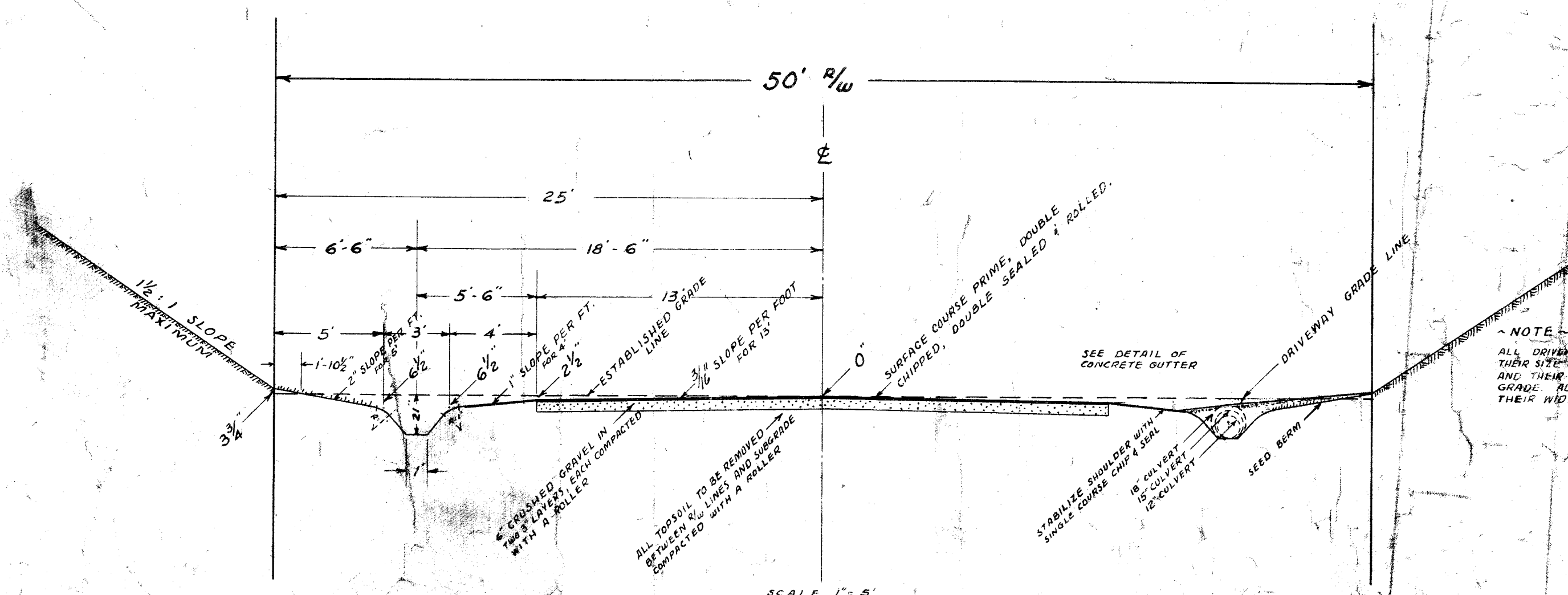
2-2-B GRATE elevation to be placed 4 to 6 inches below normal ditch returning to normal 10 feet each side of basin.

SIDE INLETS shall be provided on both sides of the No 2-2-A catch basin in sag and on up-slopes on side only where the ditch has a continuous down grade past the catch basin.

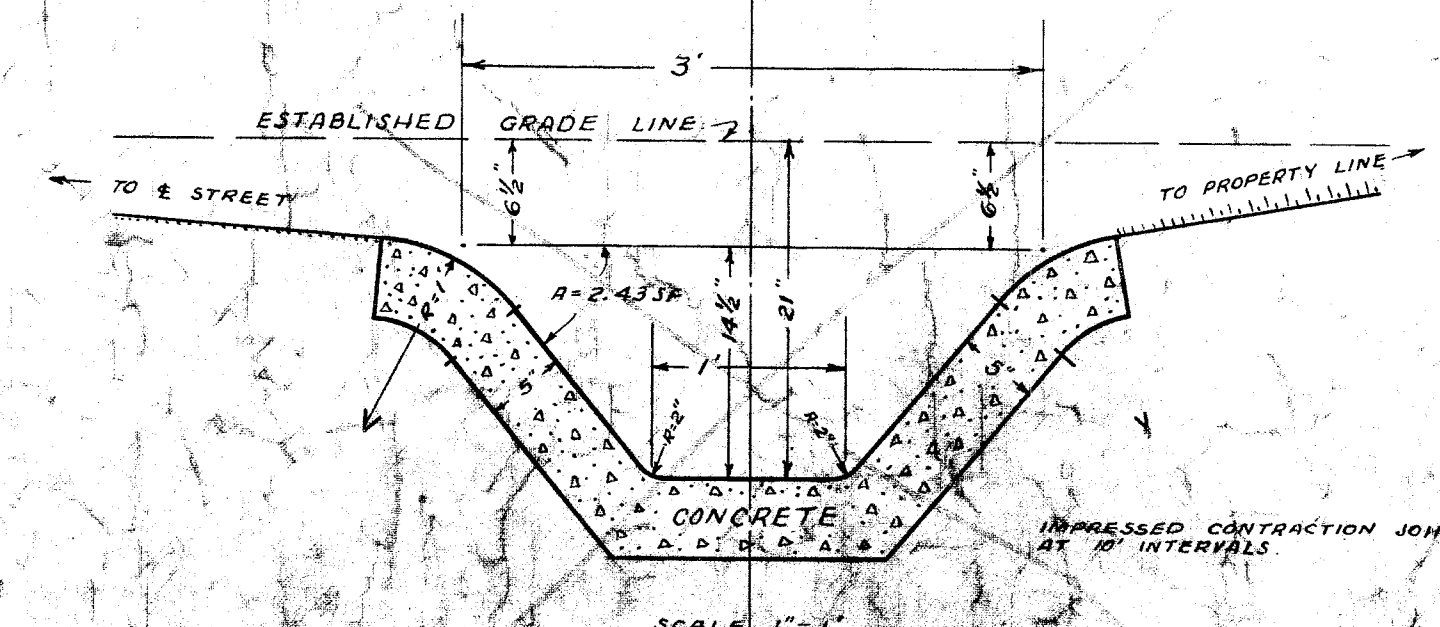
STANDARD NO 2-2-B CATCH BASIN



~ TYPICAL STREET SECTION ~
MULTI-FAMILY

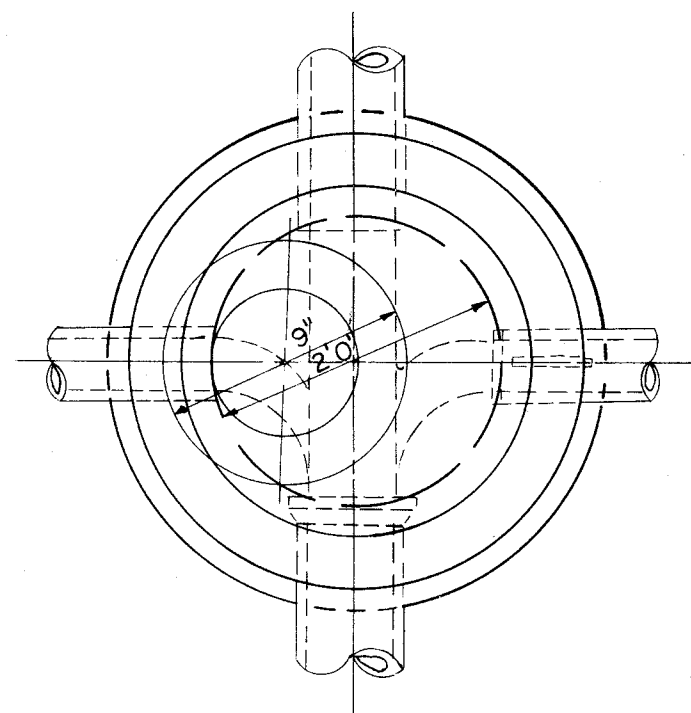


~ TYPICAL STREET SECTION ~



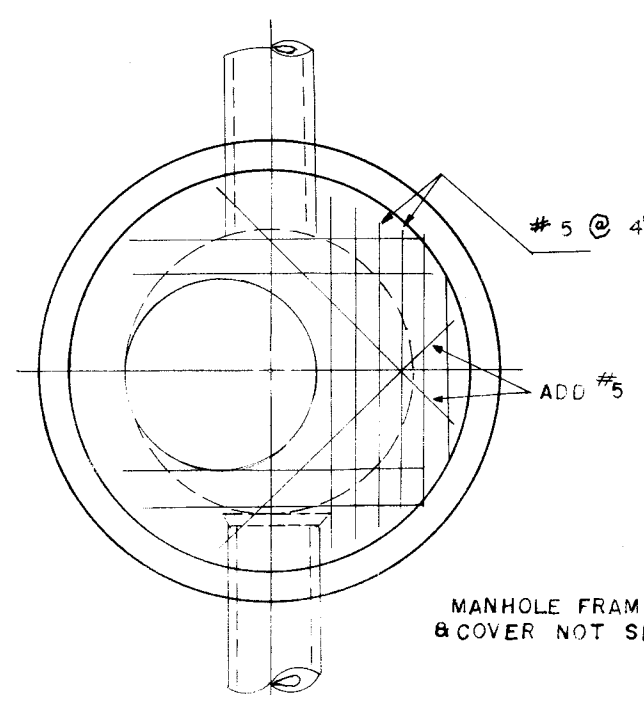
~ CONCRETE GUTTER DETAIL ~

L. W. J. COOPER & ASSOCIATES					
REGISTERED ENGINEER & SURVEYORS					
JAMES L. COOPER • J. ED. JUENEMANN • ROBERT A. MILLER					
CANTON, OHIO 44705					
SURVEYED	PLATTED	FIELD BOOK	DATE	FILE	SCALE
E. JUENEMANN			JULY 29, 1965		



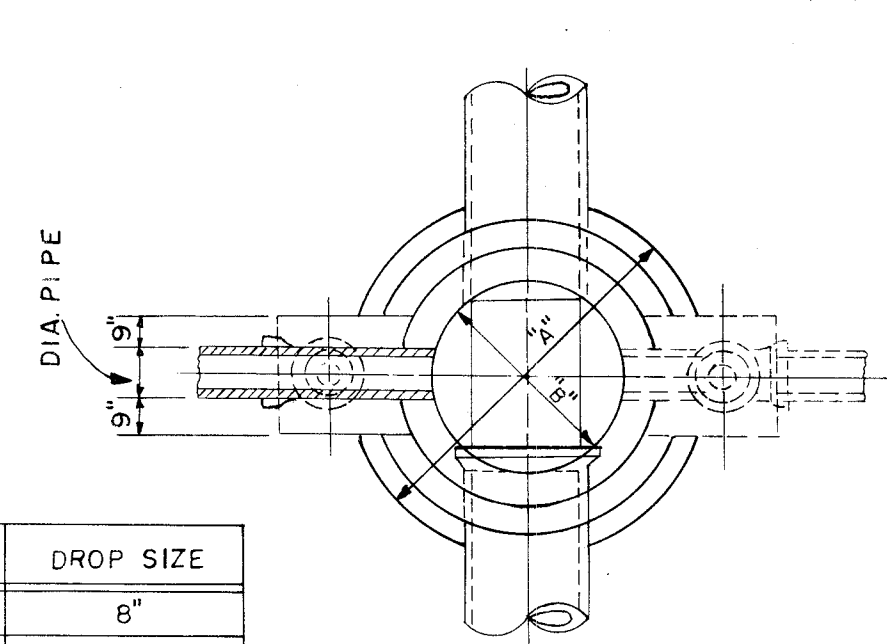
MANHOLE FRAME & COVER
NEENAH STARK COUNTY SPECIAL

EAST AKRON CASTING CO., TALLMAUGE, OHIO
FRAME NO. 155—WEIGHT 345 LBS.
COVER NO. 156—WEIGHT 154 LBS.
OR EQUAL

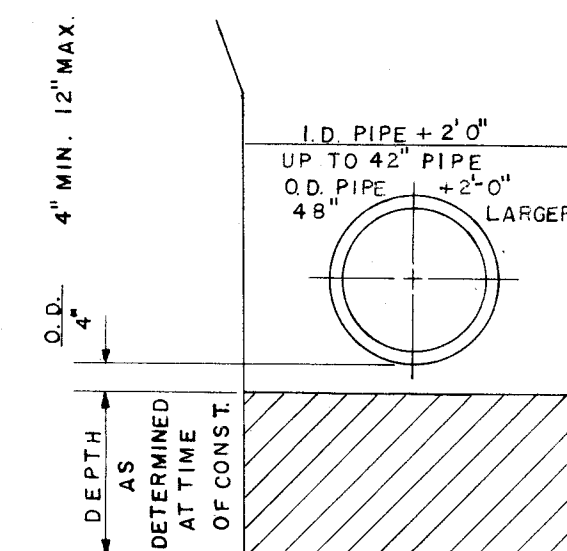


MANHOLE FRAME
& COVER NOT SHOWN

SEWER SIZE	DROP SIZE
8"	8"
10"	10"
12"-15"-18"	12"
21"-24"	15"
27"-30"-36"	18"

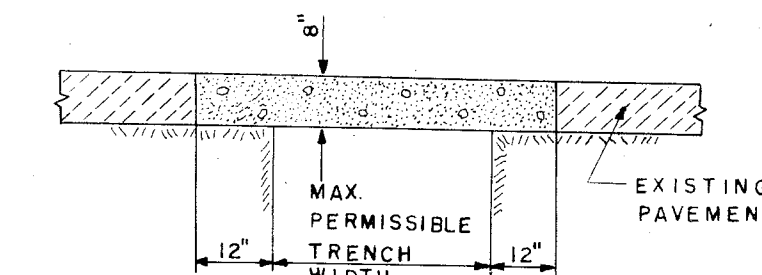


PLAN

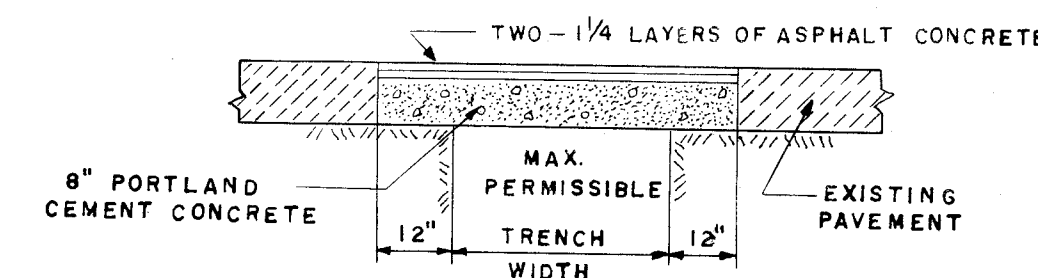


ADDITIONAL EARTH EXCAVATION
PAYMENT LIMITS

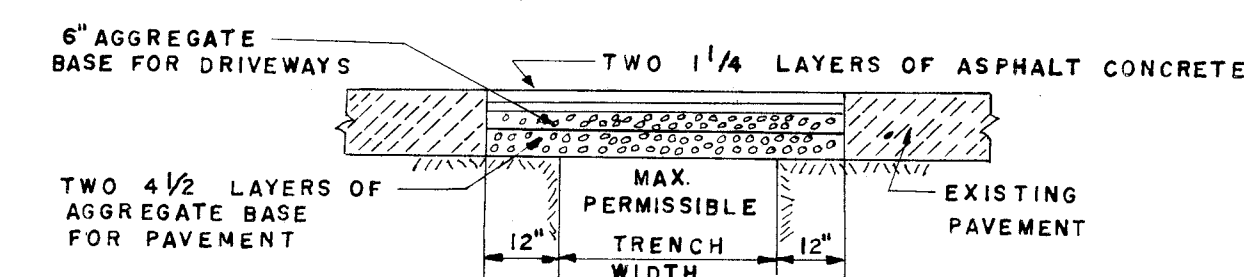
ADDITIONAL EARTH
EXCAVATION
ITEM NO. 100



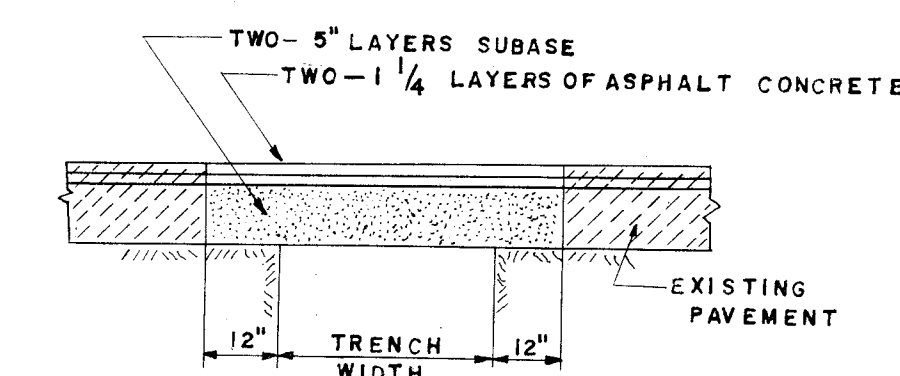
PORTLAND CEMENT
CONCRETE BASE OR SURFACE



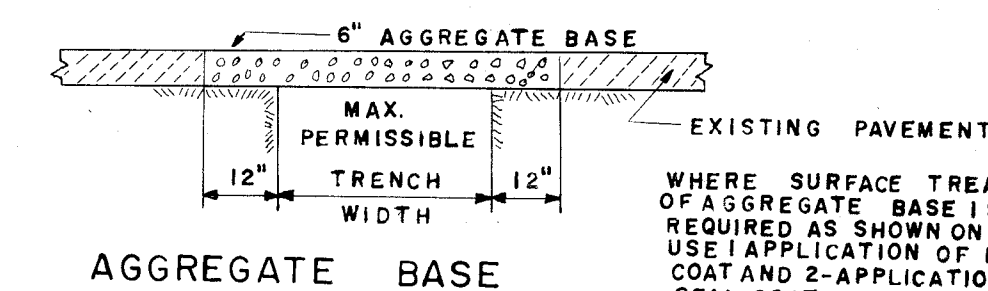
ASPHALT CONCRETE SURFACE COURSE PORTLAND
CEMENT CONCRETE BASE COURSE



ASPHALT CONCRETE SURFACE COURSE
AGGREGATE BASE COURSE



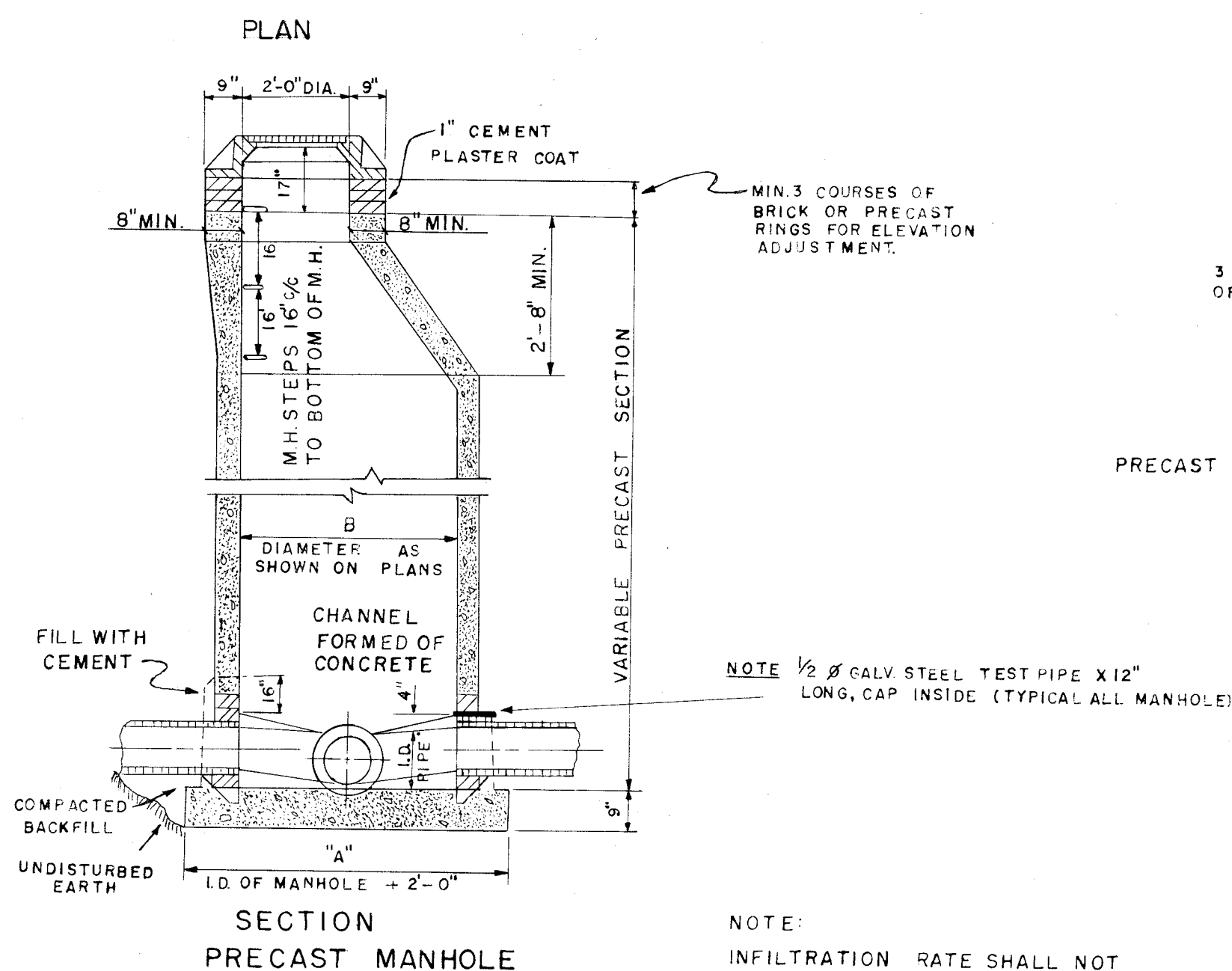
ASPHALT CONCRETE SURFACE COURSE
SUB BASE



AGGREGATE BASE

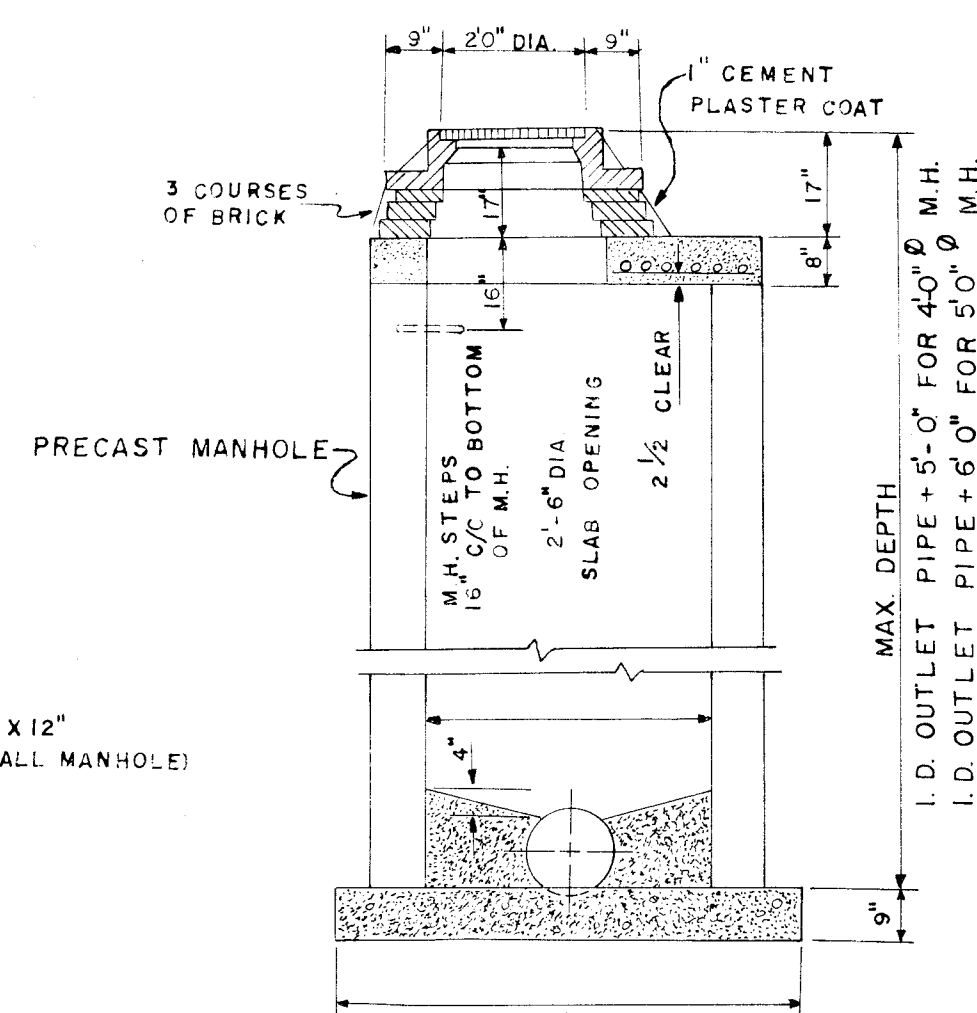
TYPICAL PAVEMENT
REPLACEMENT SECTIONS

NOTE: THIS CONNECTION TO BE USED WHEN DEPTH OF SEWER IS TO
BE GREAT TO USE STANDARD HOUSE CONNECTION. LOCATION AS SHOWN ON
PLANS OR DETERMINED AT TIME OF CONSTRUCTION.

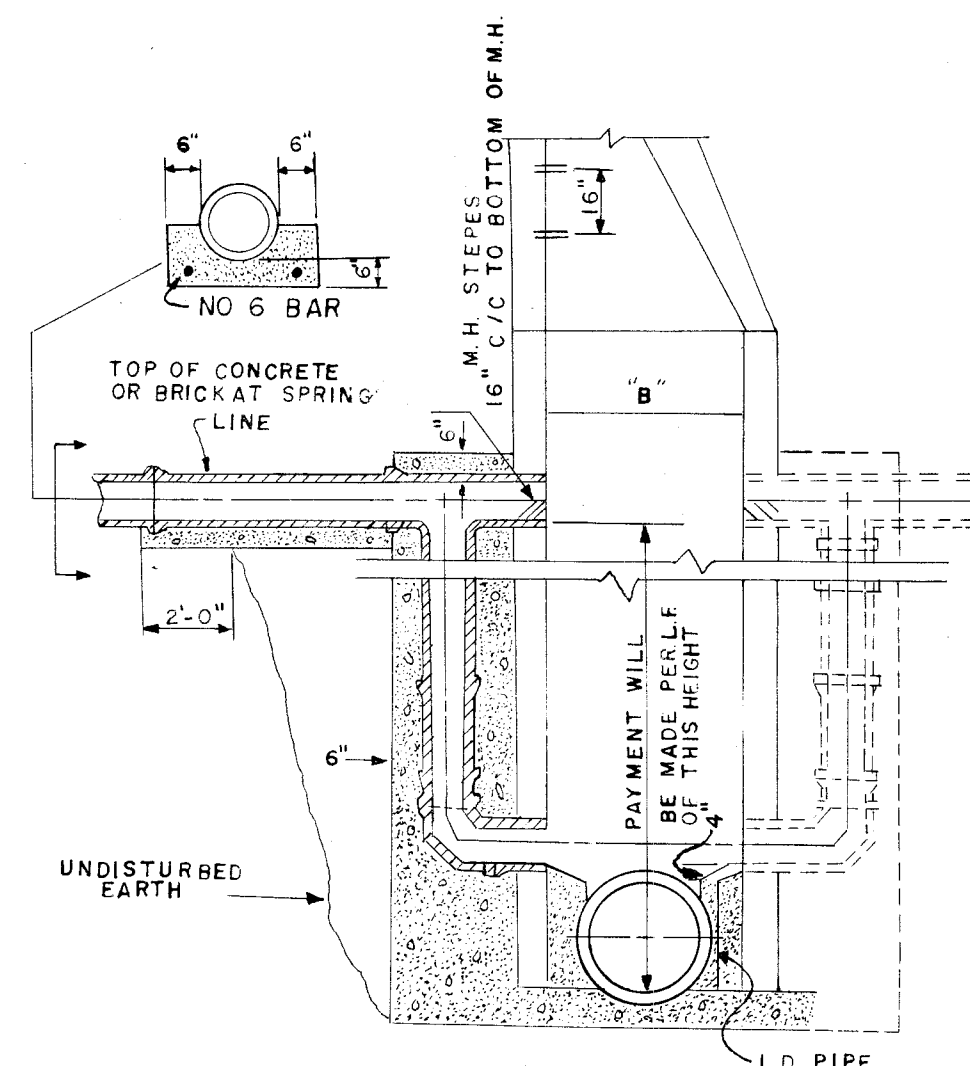


SECTION
PRECAST MANHOLE

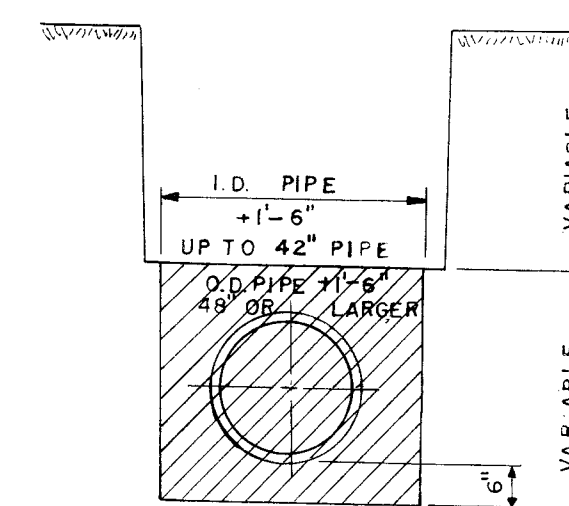
NOTE:
INFILTRATION RATE SHALL NOT
EXCEED 250 GAL./INCH./MILE./DAY



SECTION
SHALLOW MANHOLE



SECTION
DROP MANHOLE

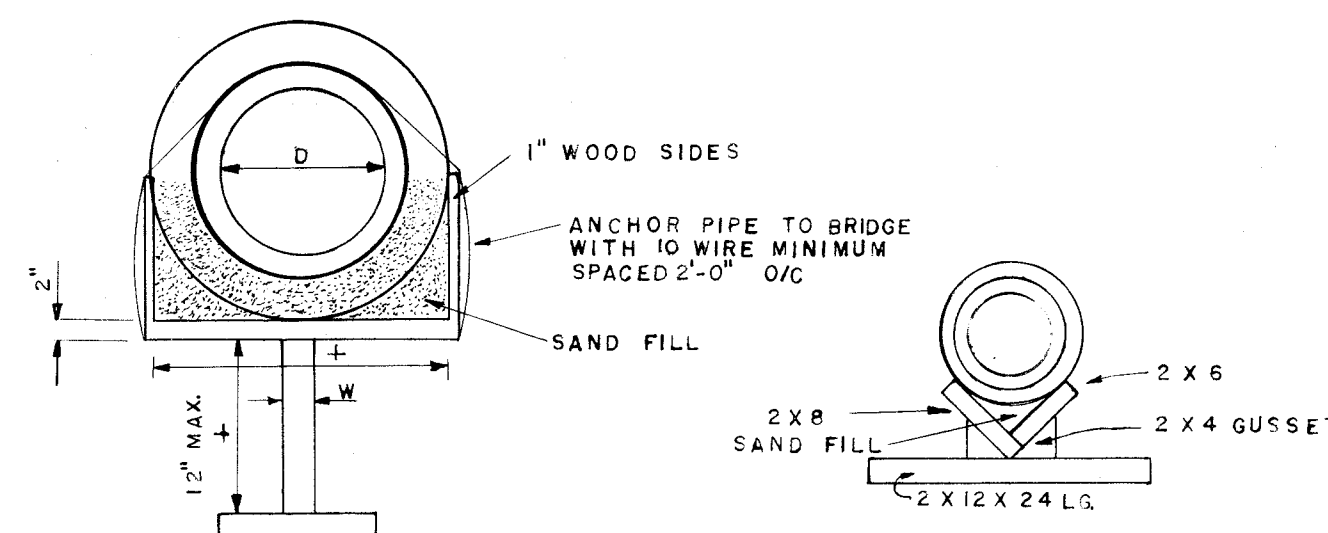


ROCK EXCAVATION
PAYMENT LIMITS

EARTH EXCAVATION
TO BE PAID FOR
UNDER PIPE ITEMS

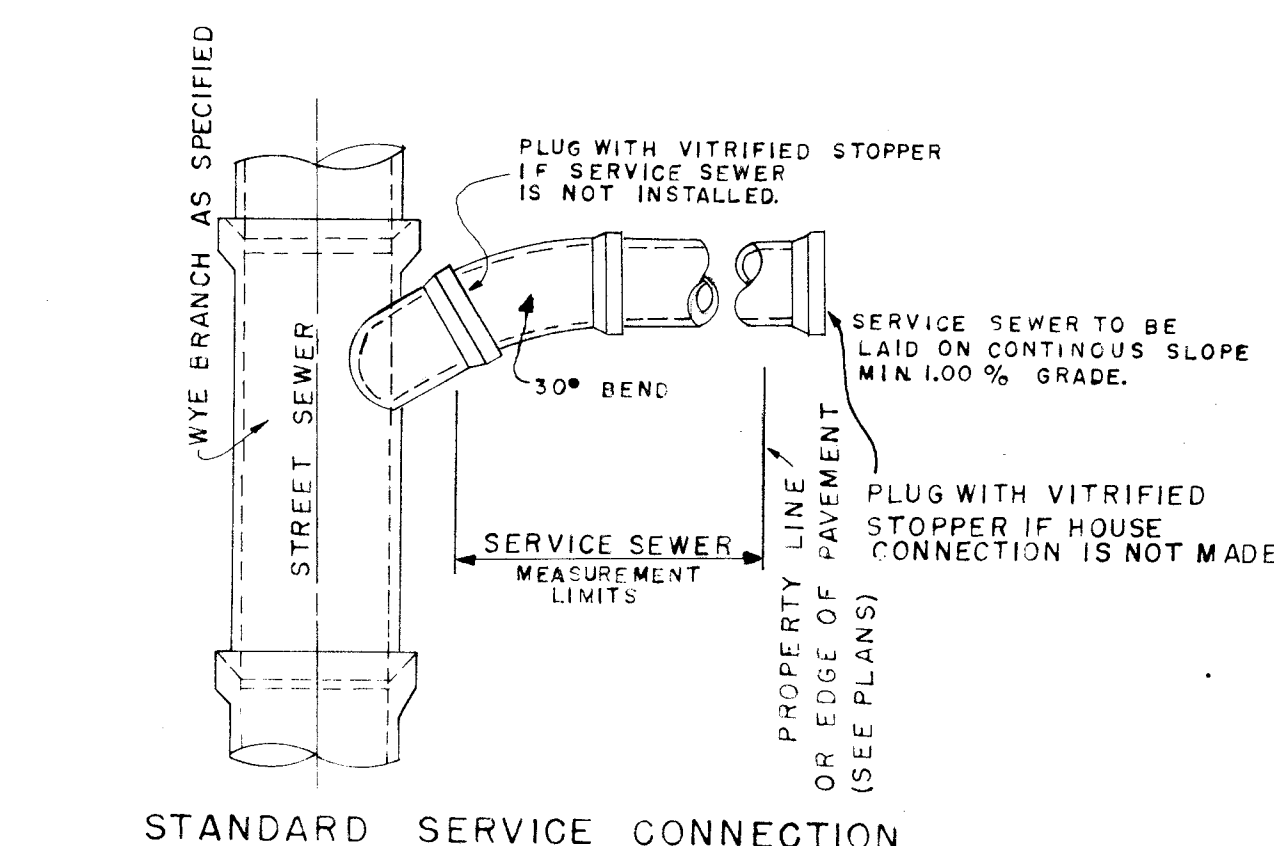
ROCK EXCAVATION
TO BE PAID FOR
UNDER ITEM NO. 110

D	4"-6"	8"	10"	12"	15"	18"
+	8"	12"	16"	18"	20"	24"
W	2"	2"	3"	3"	3"	3"

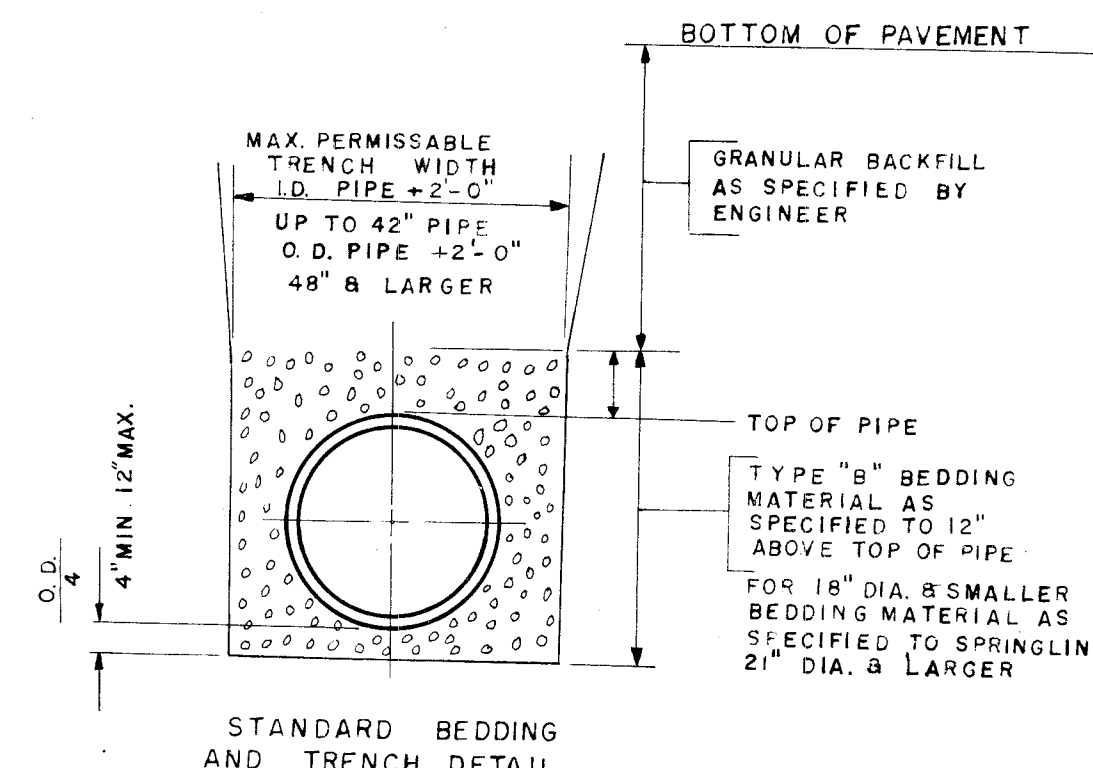


SECTION E-E

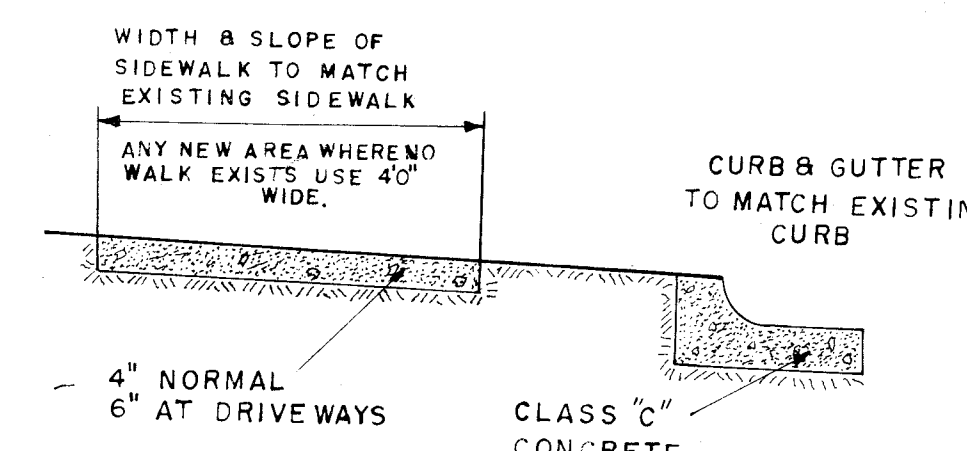
SECTION F-F



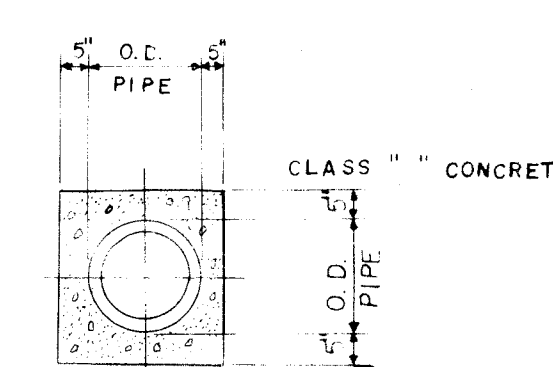
STANDARD SERVICE CONNECTION



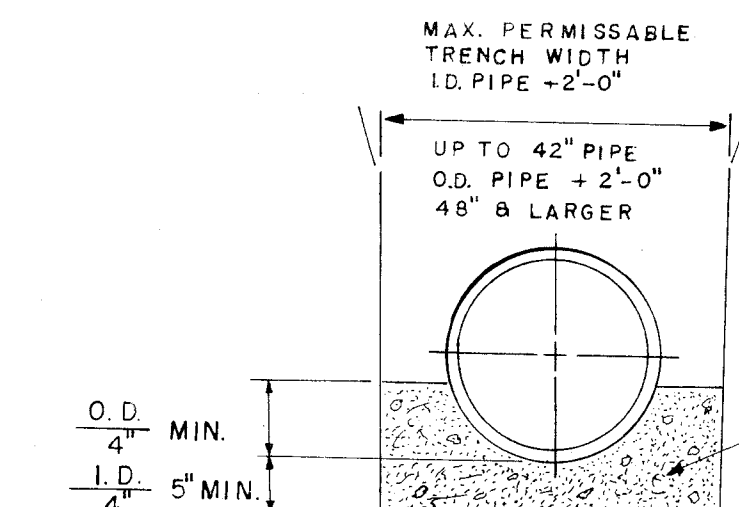
TYPE B BEDDING



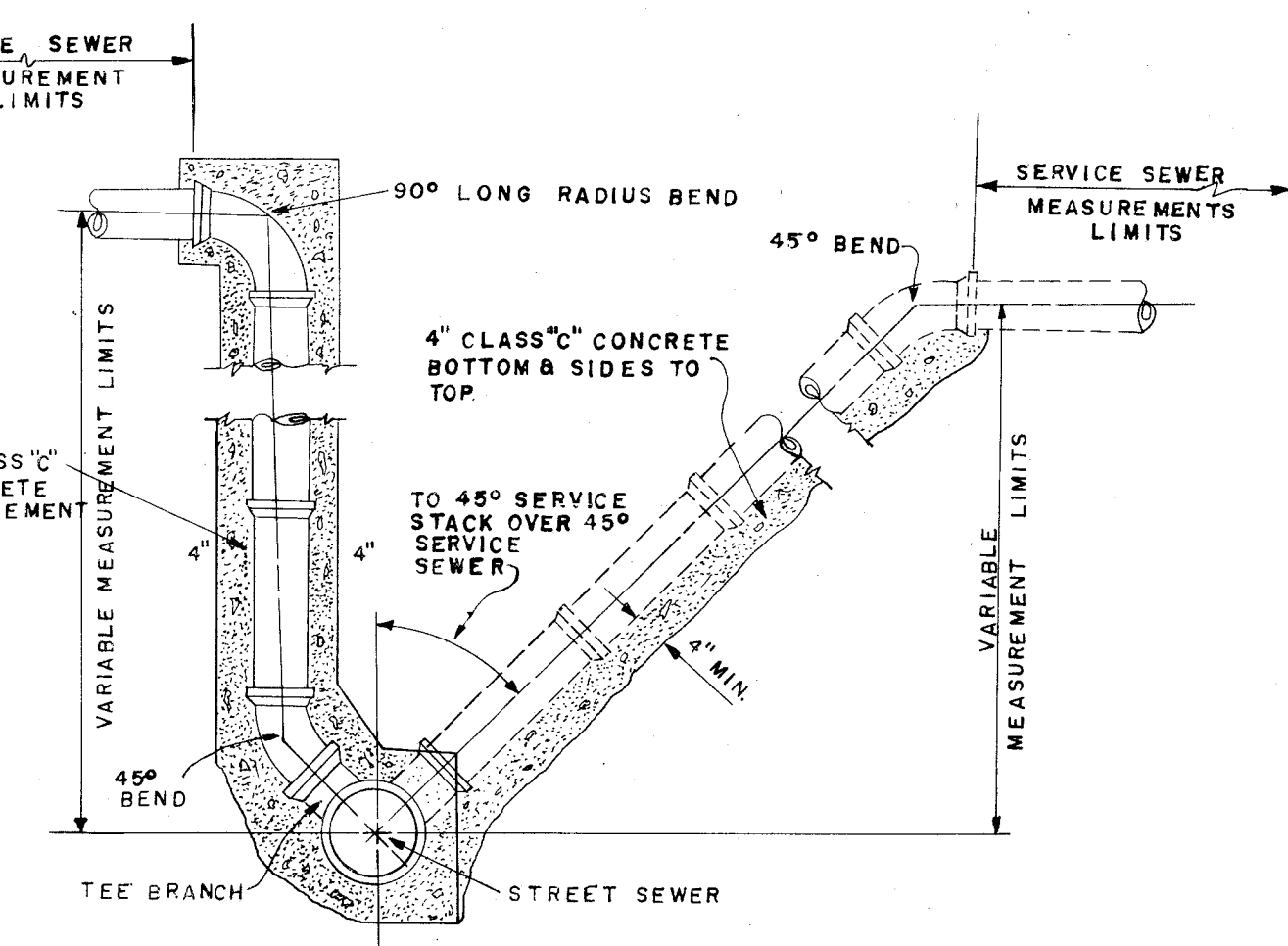
SIDEWALK CURB & GUTTER
DETAIL



TYPICAL PIPE
ENCASEMENT



TYPE-A BEDDING



TYPICAL SERVICE STACK

NOTE: PAVEMENT PAYMENT LIMITS IS
I.D. OF PIPE PLUS 4'-0"



L.W.J. COOPER AND ASSOCIATES
CONSULTING ENGINEERS AND SURVEYORS

201 LINCOLN
AVENUE N.W.
CANTON, OHIO
44708

PHONE (216) 452-5731
(216) 492-3303

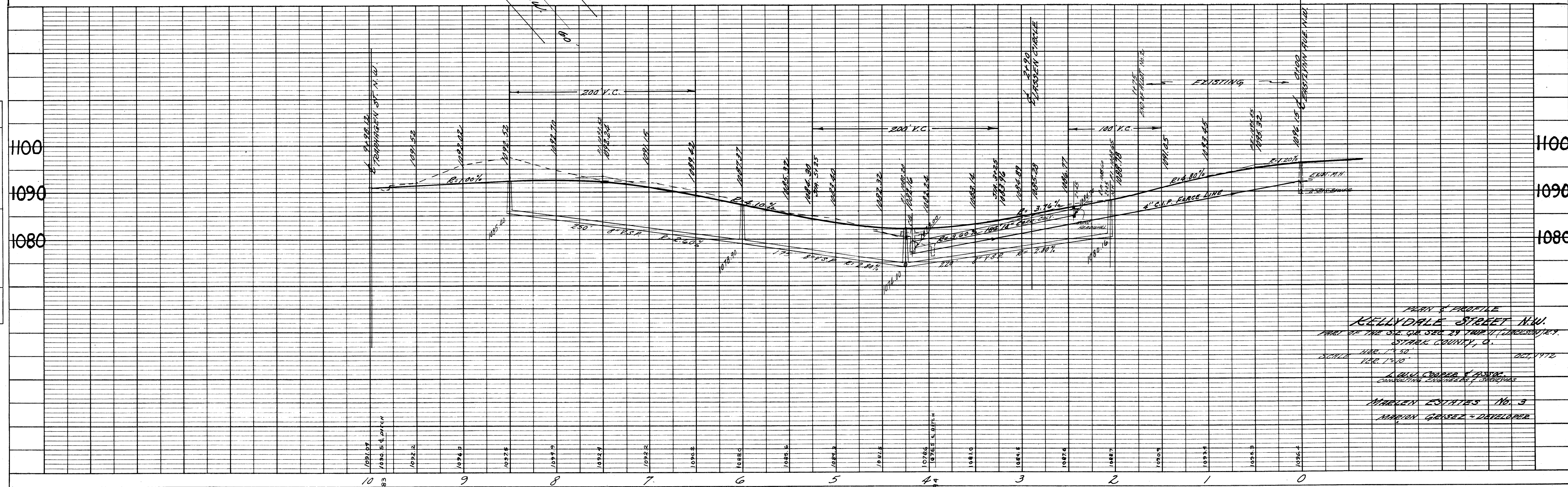
JAMES L. COOPER
J. EDWARD JUEMANN JR.
ROBERT A. MILLER
WILLIAM J. MEOLA

SURVEYED	PLATTED	FIELD BOOK	DATE	FILE	SCALE

PLAN	SURVEYED PLOTTED CHECKED BY	DATE

STORM SEWER / CULVERT DATA					
No	SIZE	TYPE	LM. FT.	INLET ELEV.	OUTLET ELEV.
21	15"	C.M.P.	20'	1089.70	1089.00
22	18"	C.M.P.	20'	1089.70	1089.00
23	15"	C.M.P.	36'	1089.00	1088.50
24	12"	C.M.P.	20'	1089.70	1088.50
25	15"	C.M.P.	20'	1088.50	1088.00
12	18"	C.M.P.	186'	1084.70	1078.00

PROFILE	SURVEYED PLOTTED CHECKED BY	DATE

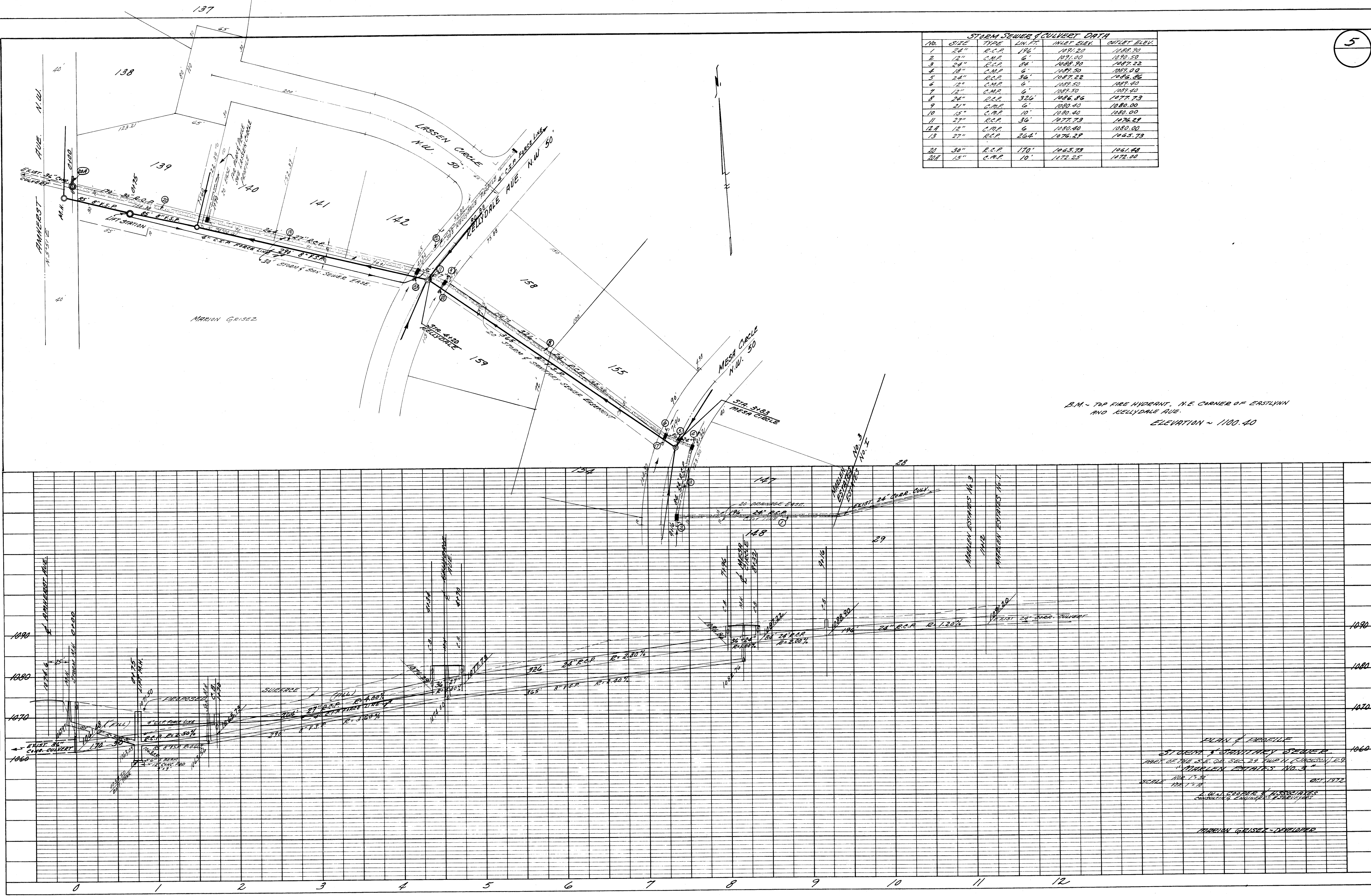


PLAN & PROFILE
KELLYDALE STREET N.W.
 PART OF THE S.E. 1/4 SEC. 24 T12N R.1E.1
 STARK COUNTY, IOWA
 SCALE 1" = 30' 12" = 100'
 1972
J. HILL COOPER & ASSOC.
 CONSULTING ENGINEERS / ARCHITECTS
MARLEN ESTATES No. 3
MARION GROSZ - DEVELOPER

STORM SEWER & CULVERT DATA				
No.	SIZE	TYPE	UNIT	INLET ELEV. OUTLET ELEV.
1	24"	R.C.P.	176'	1081.22 1082.90
2	12"	C.M.P.	6'	1081.00 1080.50
3	24"	R.C.P.	84'	1088.90 1087.22
4	18"	C.M.P.	6'	1089.50 1089.00
5	24"	R.C.P.	36'	1087.22 1086.86
6	12"	C.M.P.	6'	1089.50 1089.40
7	12"	C.M.P.	6'	1089.50 1089.40
8	24"	R.C.P.	326'	1086.86 1077.73
9	21"	C.M.P.	6'	1080.40 1080.00
10	15"	C.M.P.	10'	1080.40 1080.00
11	27"	R.C.P.	36'	1077.73 1076.29
12	12"	C.M.P.	6'	1080.40 1080.00
13	27"	R.C.P.	264'	1076.29 1065.73
21	30"	R.C.P.	170'	1065.73 1061.48
20A	15"	C.M.P.	10'	1072.25 1072.00

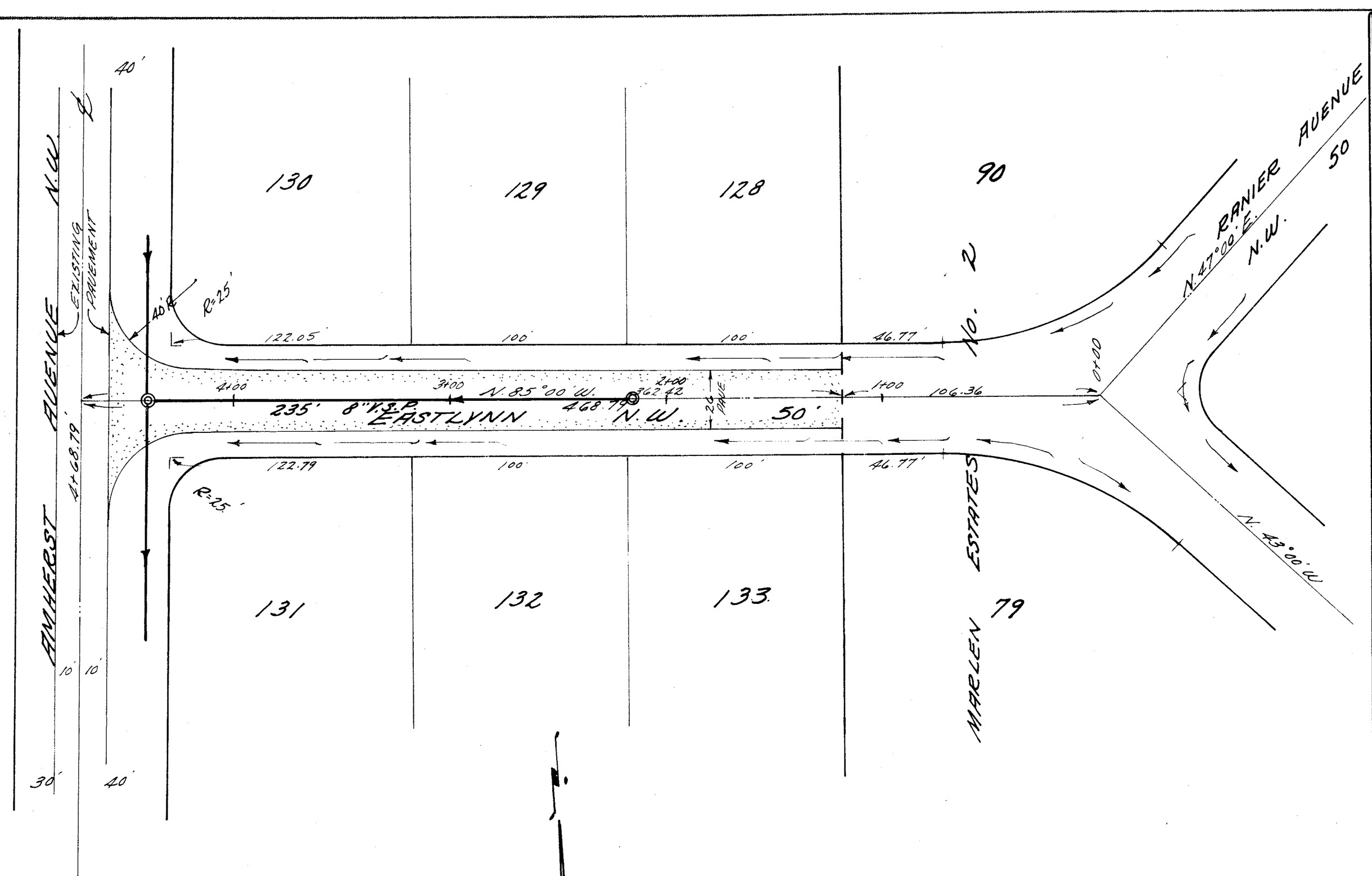
PLAN	DATE	BY
	SURVEYED PLOTTED ALIGNED CHECKED NOTE BOOK NO.	

PROFILE	DATE	BY
	SURVEYED PLOTTED GRADES CHECKED NOTE BOOK NO.	

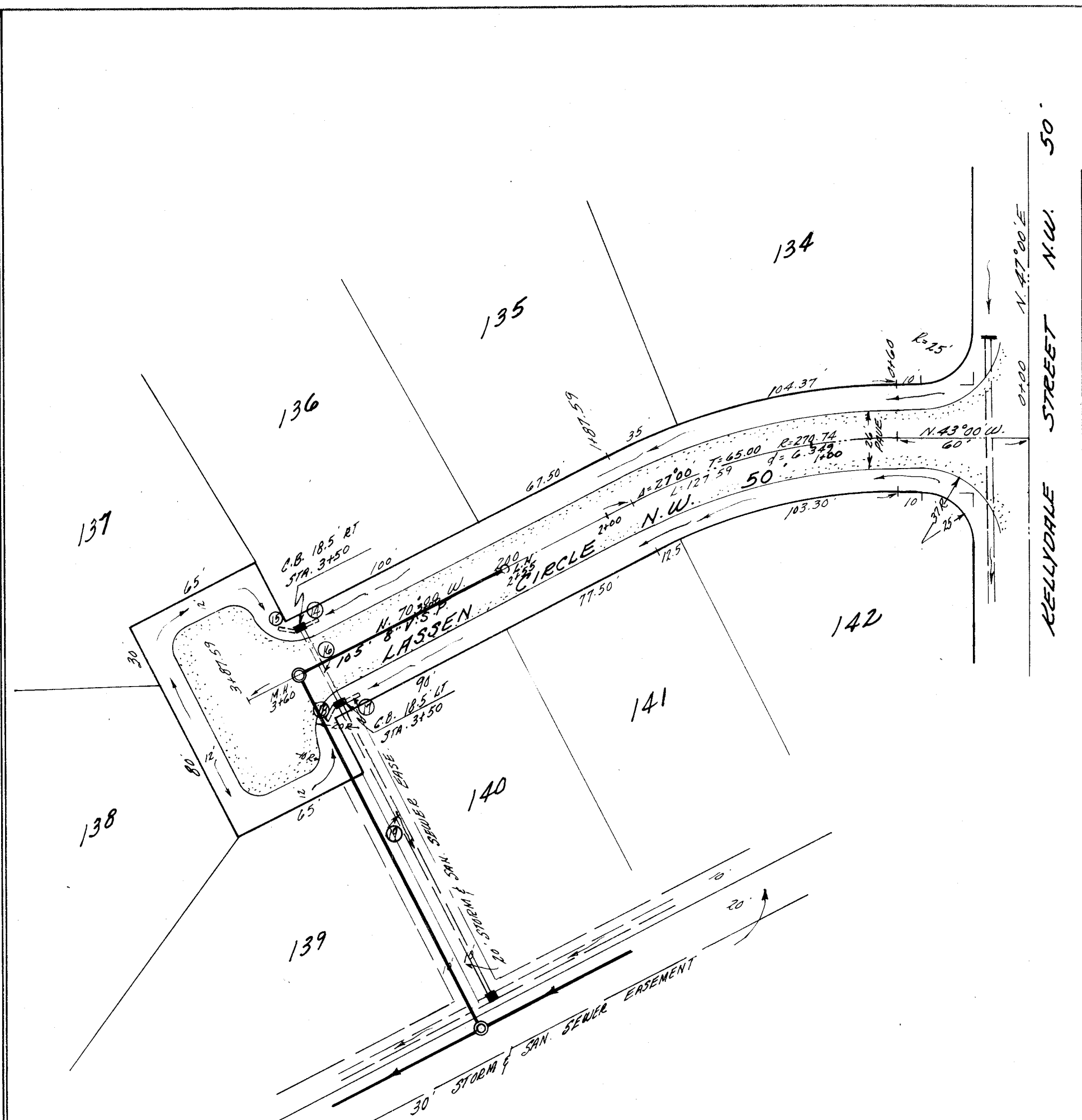


PLAN	SURVEYED	DATE
	NOTED	BY
NOTE BOOK	PLOTTED	
	NOTED	
NO.	REVIEWED	
	NOTED	

PROFILE	SURVEYED	DATE
	NOTED	BY
NOTE BOOK	PLOTTED	
	NOTED	
NO.	REVIEWED	
	NOTED	

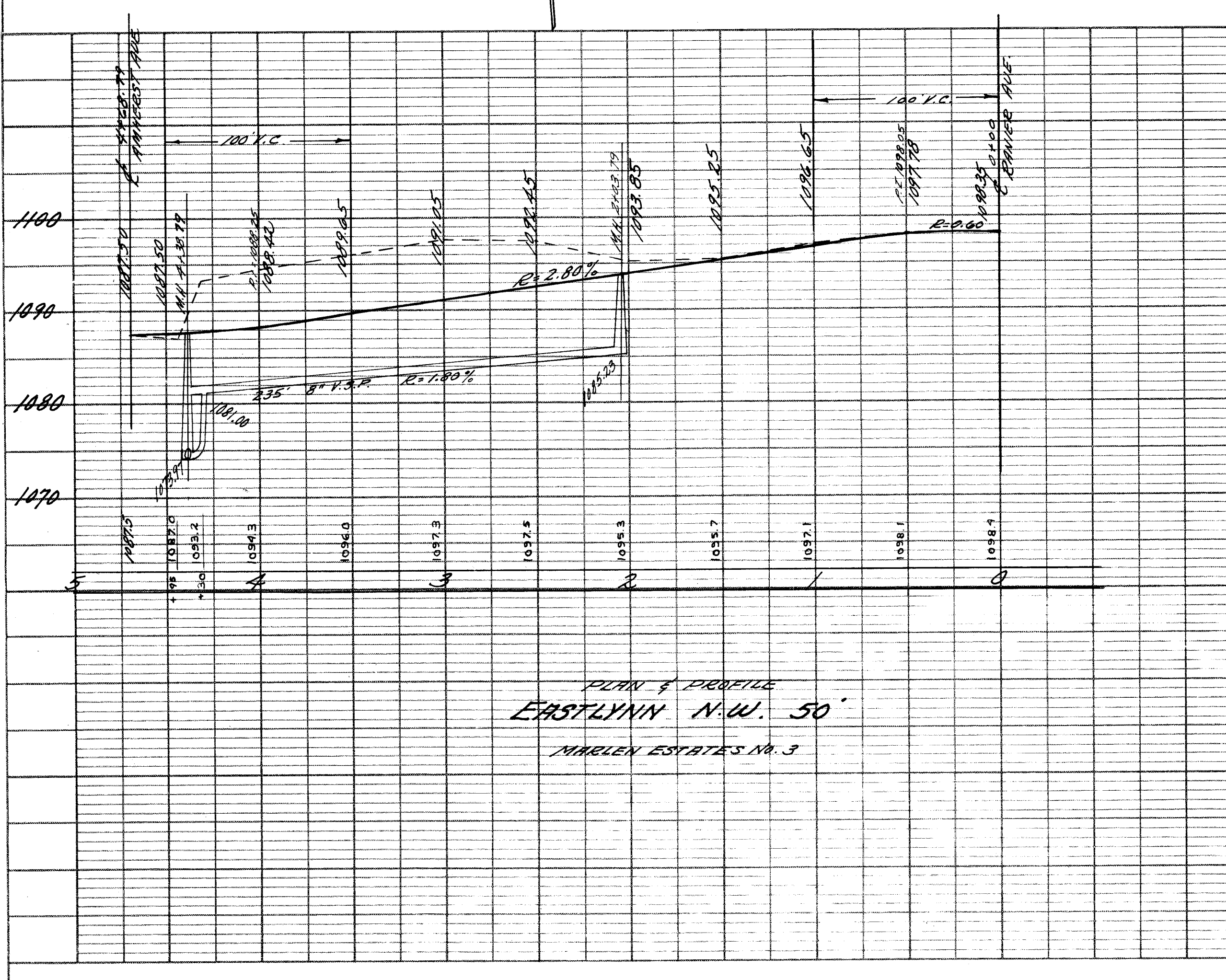


B.M. - TOP FIRE HYDRANT, N.E. CORNER OF
RANIER AVE. AND EASTLYNN.
ELEVATION ~ 1101.20

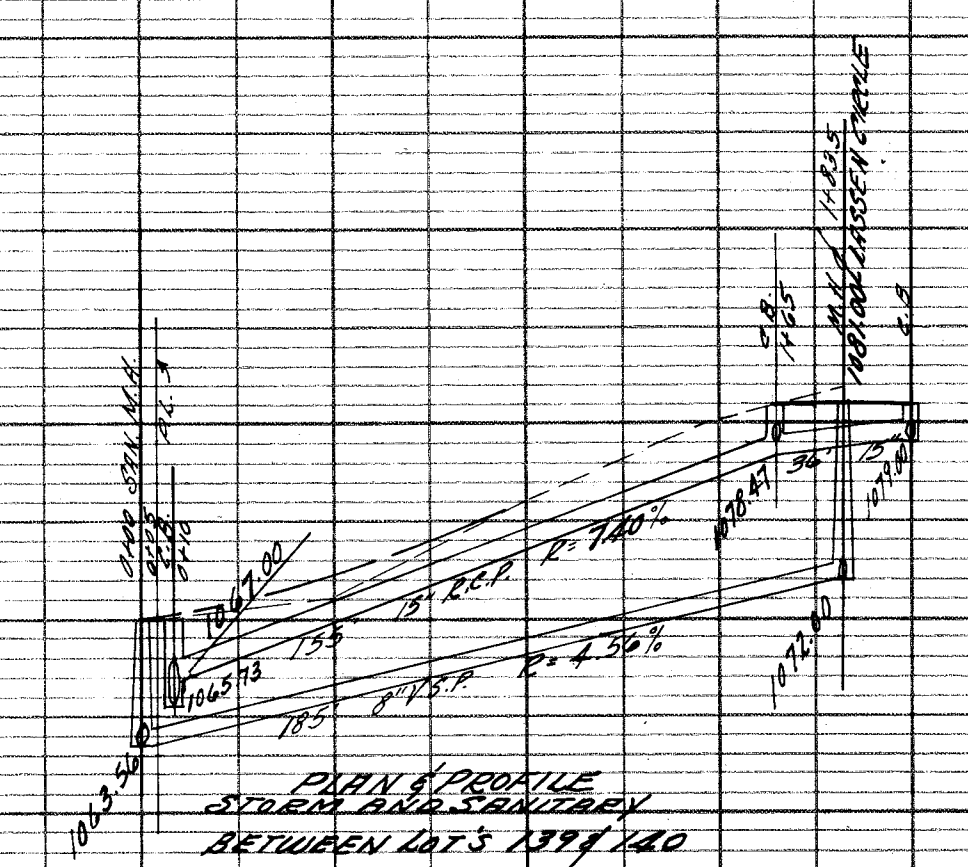
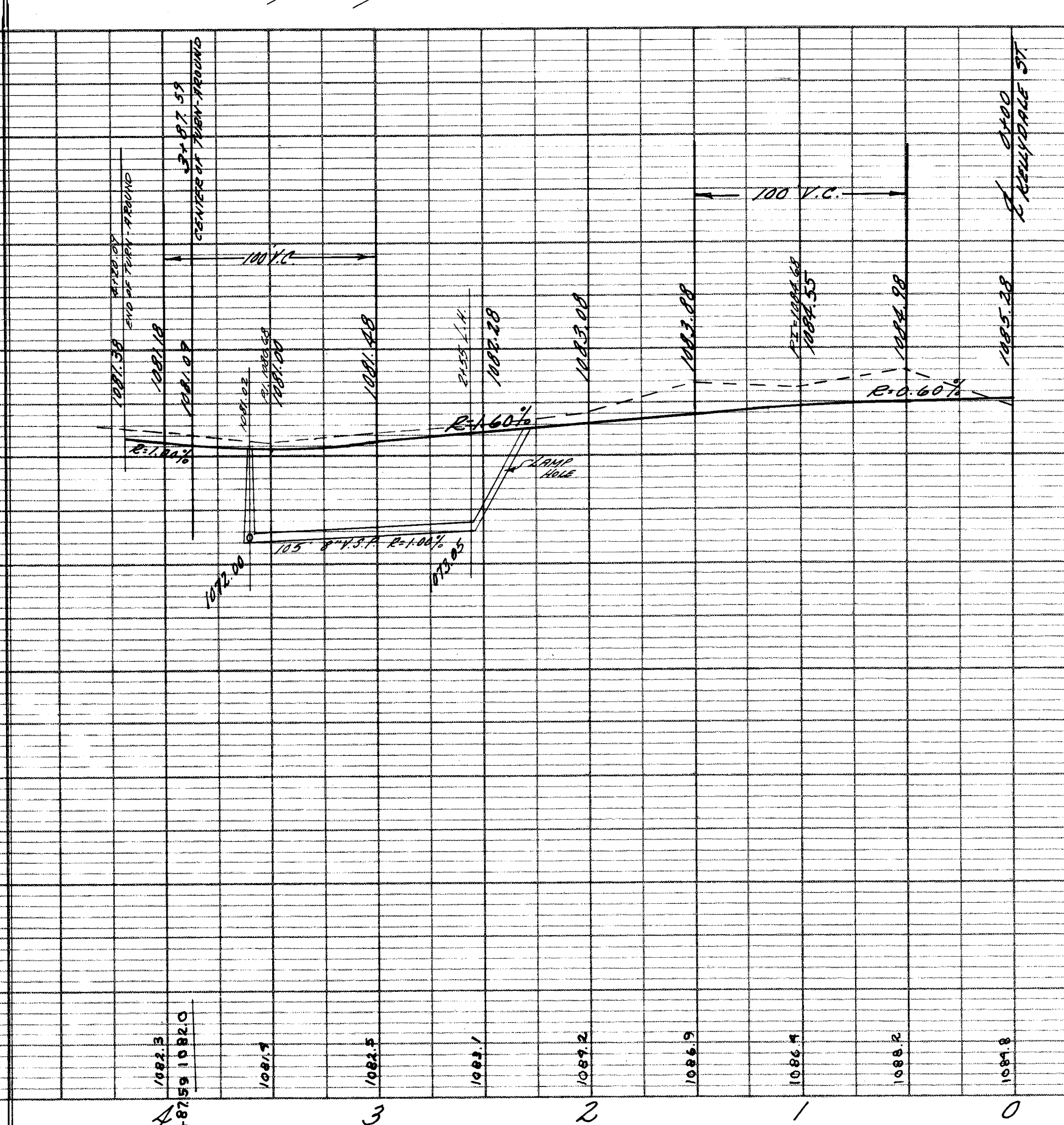


B.M. - TOP HYDRANT, N.E. CORNER OF EASTLYNN
AVE. AND KELLYDALE AVE. N.W.
ELEVATION ~ 1100.40

STORM SEWER & CONVEY DATA					
No.	SIZE	TYPE	LEN. FT.	INLET ELEV.	OUTLET ELEV.
14	18"	C.M.P.	6'	1079.55	1079.00
15	18"	C.M.P.	6'	1079.25	1079.00
16	18"	C.C.P.	30'	1079.00	1078.47
17	18"	C.M.P.	6'	1079.25	1079.00
18	18"	C.M.P.	6'	1079.25	1079.00
19	18"	R.C.P.	155'	1079.47	1067.00

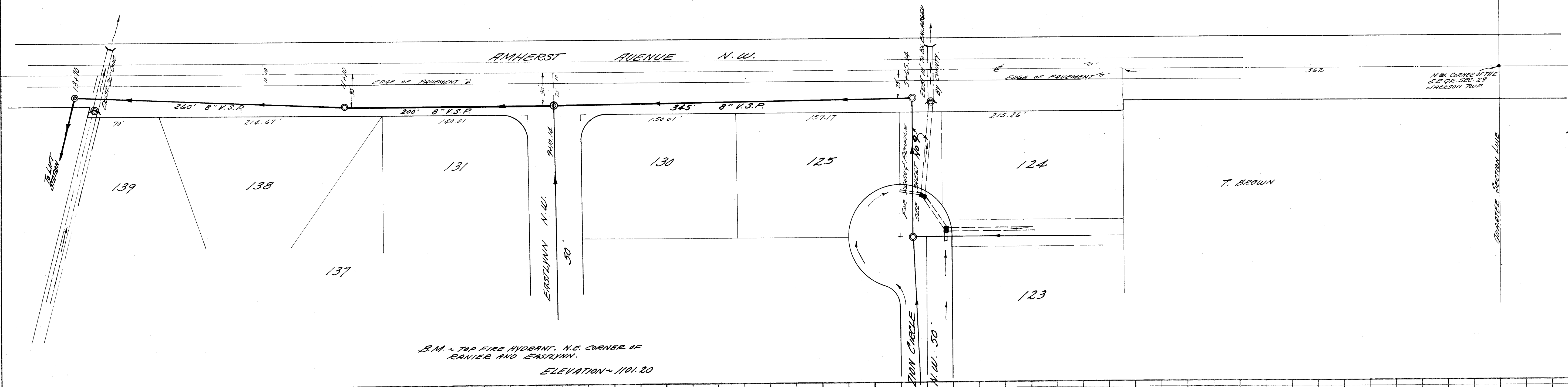


PLAN & PROFILE
EASTLYNN N.W. 50'
MARLEN ESTATES NO. 3

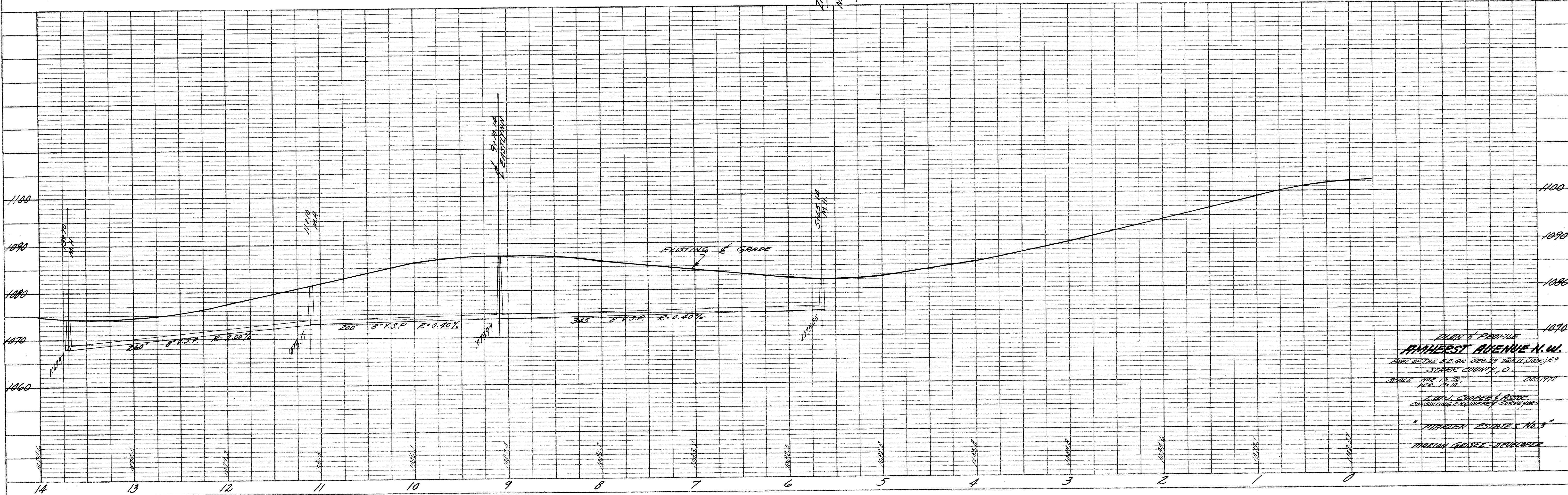


PLAN & PROFILE
LASSEN CIRCLE N.W.
PART OF THE S.E. OR S.W. 29 T24N R19E
STARK COUNTY, IOWA
SCALE 1"=50' 1"=100'
L. COOPER & ASSOC.
CONSULTING ENGINEERS & SURVEYORS
MARLEN ESTATES NO. 3
MARION GRISZ - DEVELOPER

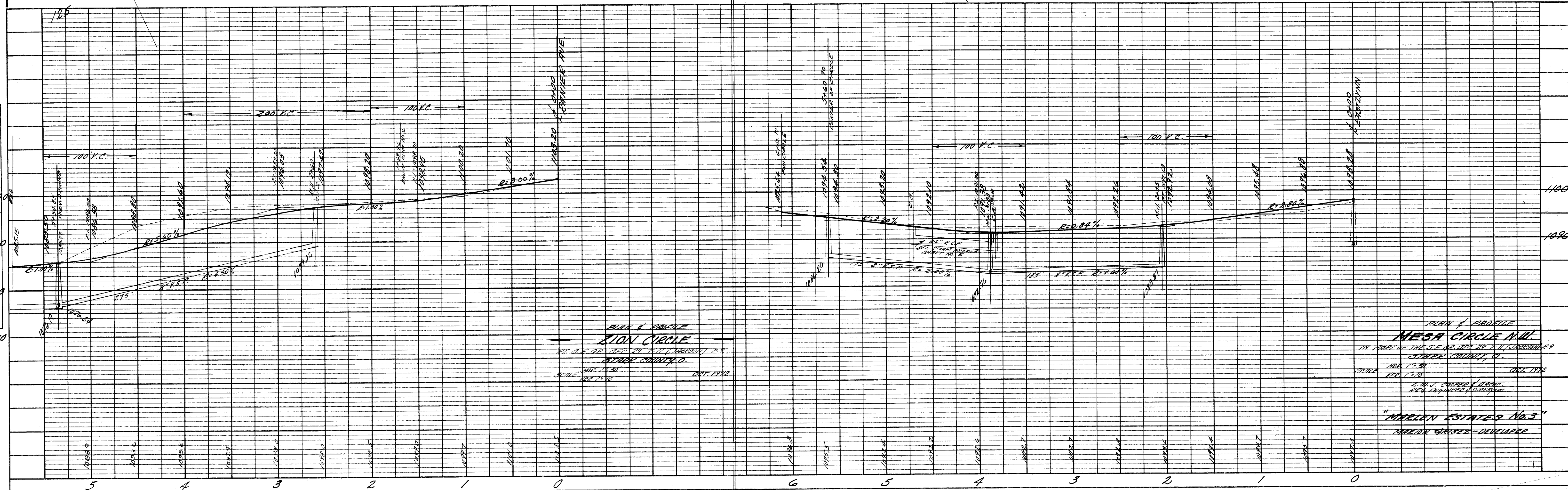
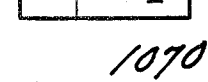
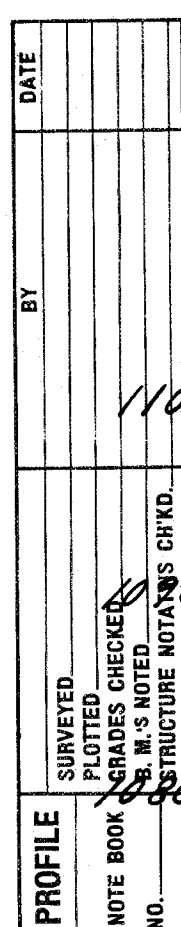
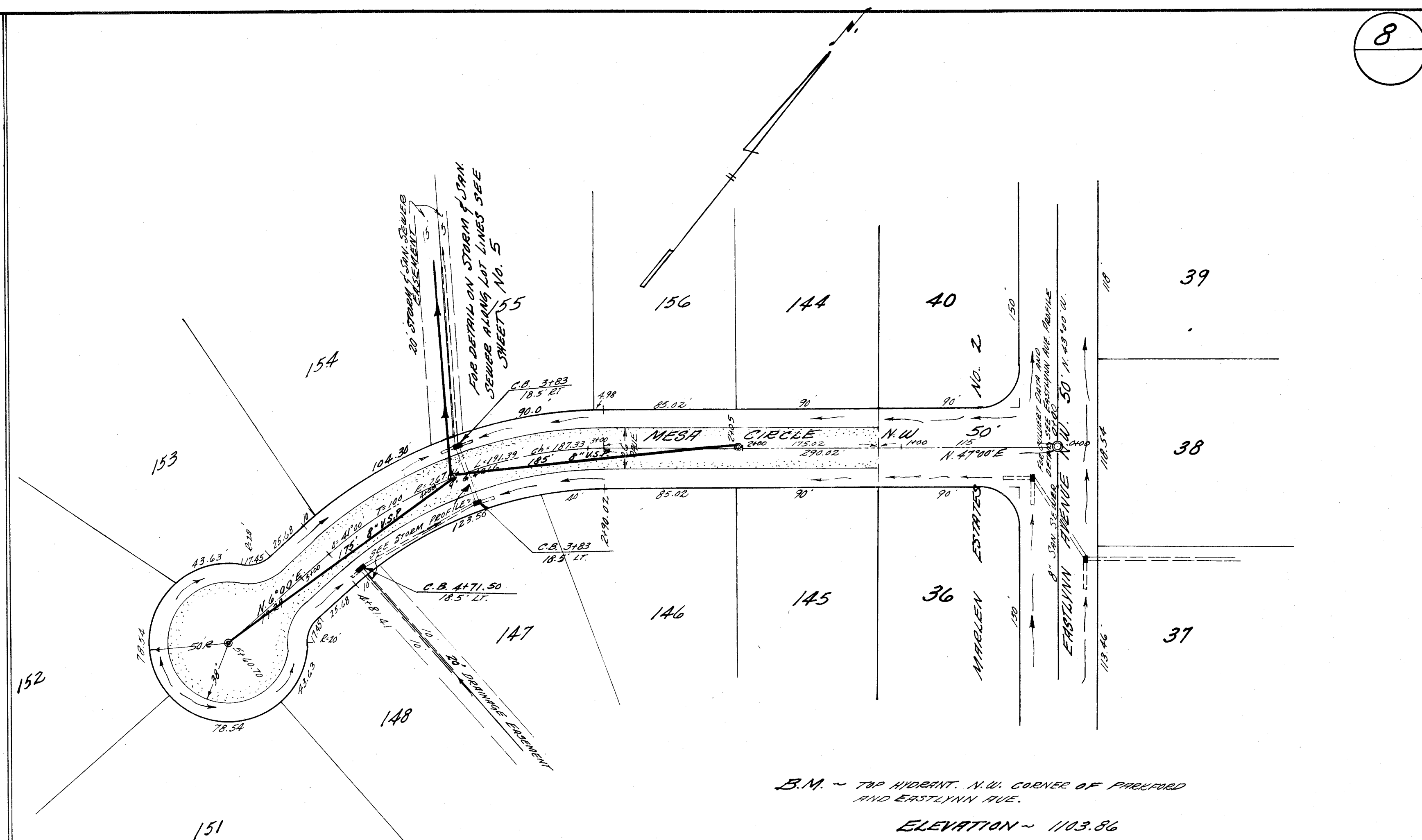
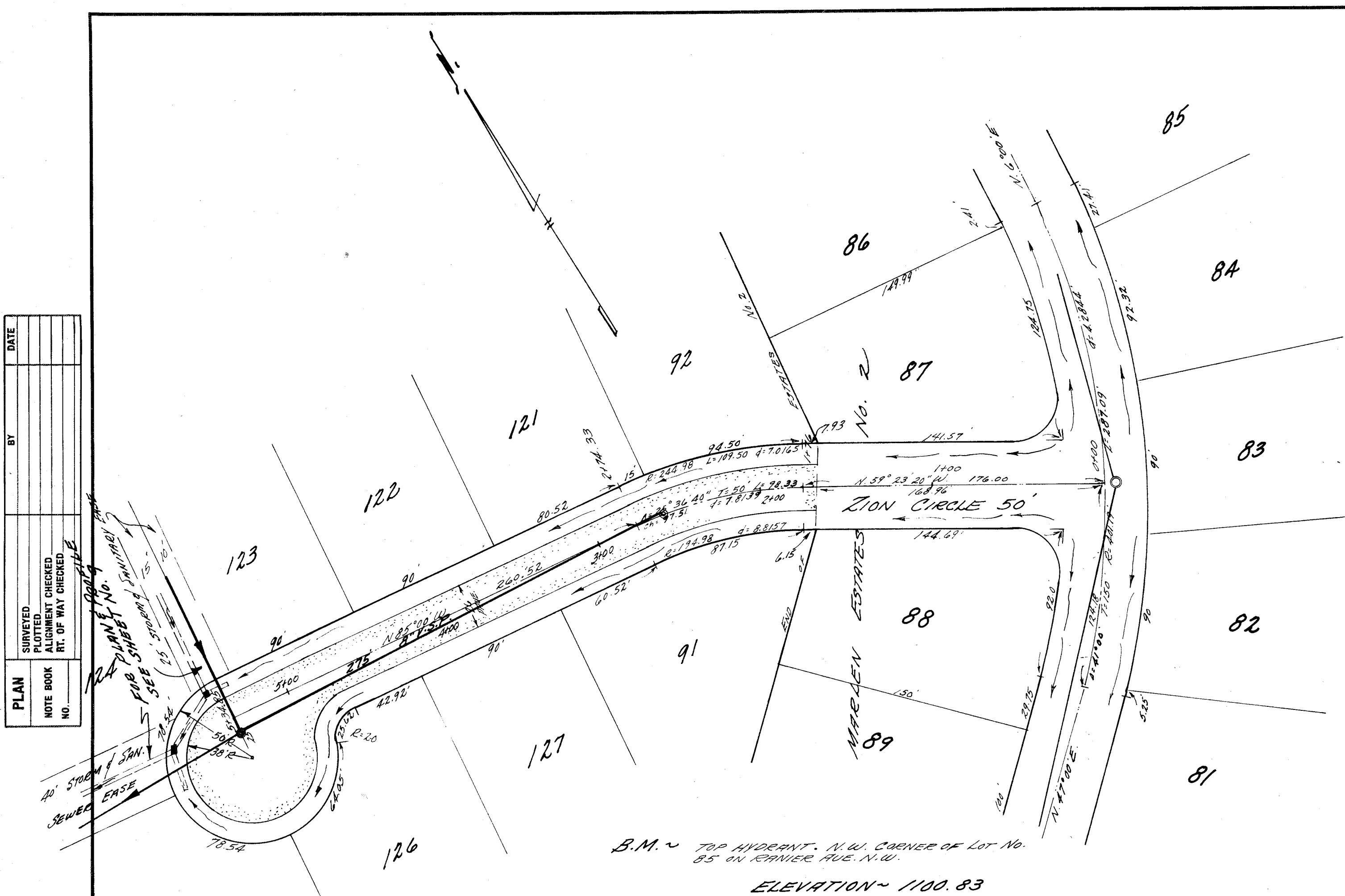
PLAN	NO.	NOTE BOOK	SURVEYED	BY	DATE
			PLOTTED		
			CHECKED		
			PT. OF WAY CHECKED		



PROFILE	SURVEYED.....	BY.....	DATE.....
	PLOTTED.....		
	NOTE BOOK.....		
	NO.....		
	B. M. 3 NOTED.....		
	STRUCTURE NOTATIONS CHECKED.....		

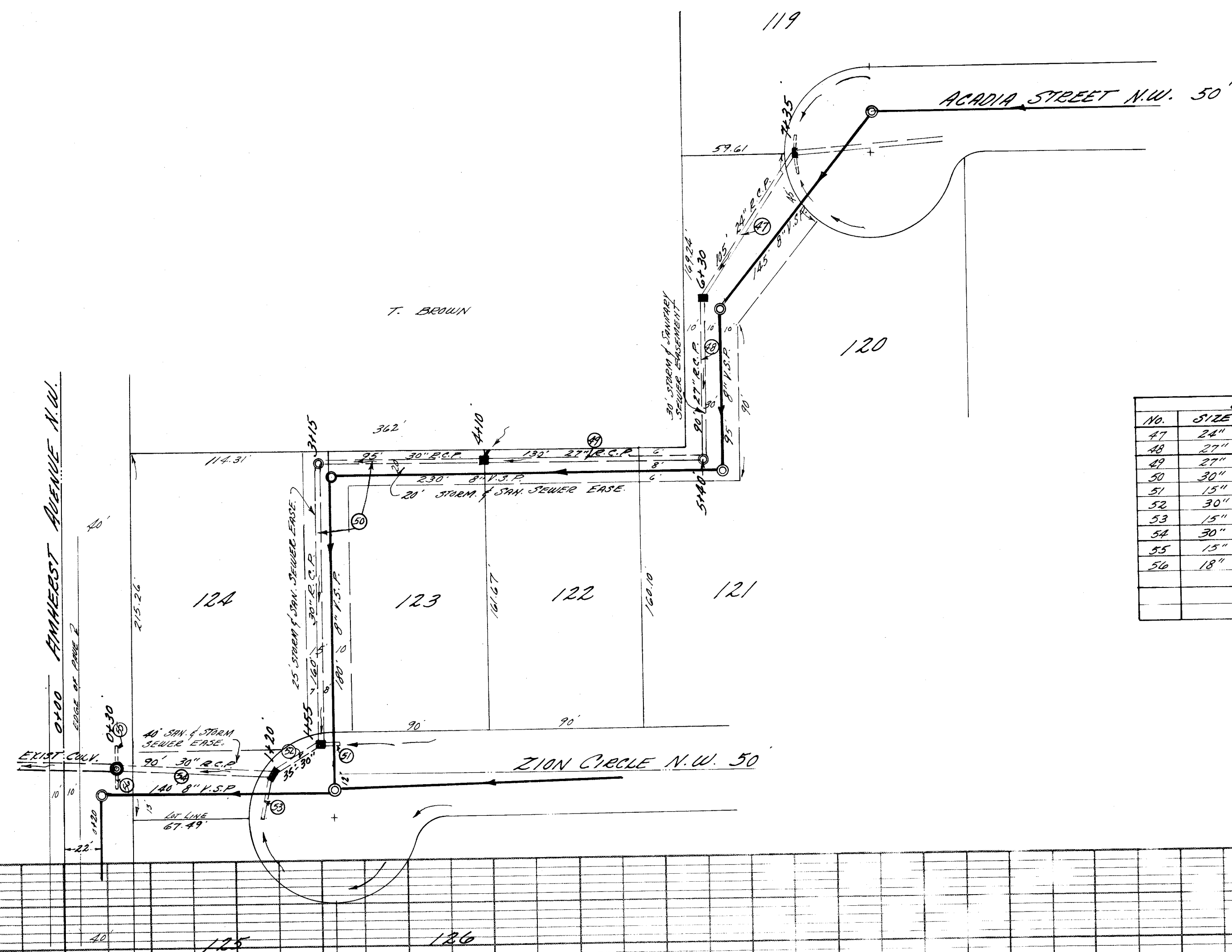


PLAN & PROFILE
AMHERST AVENUE N.W.
PART OF THE 1/4 SEC. 30, T. 11 N., R. 9 E., S. 1/4 SEC. 30, T. 11 N., R. 9 E.
STARK COUNTY, O.
SCALE 1" = 20' HORIZ. 1" = 10' VERT.
DESIGNED BY
L. W. COOPER & ASSOCIATES
CONSULTING ENGINEERS & SURVEYORS
"MILWAUKEE ESTATES No. 5"
MARION GRISER - DEVELOPER



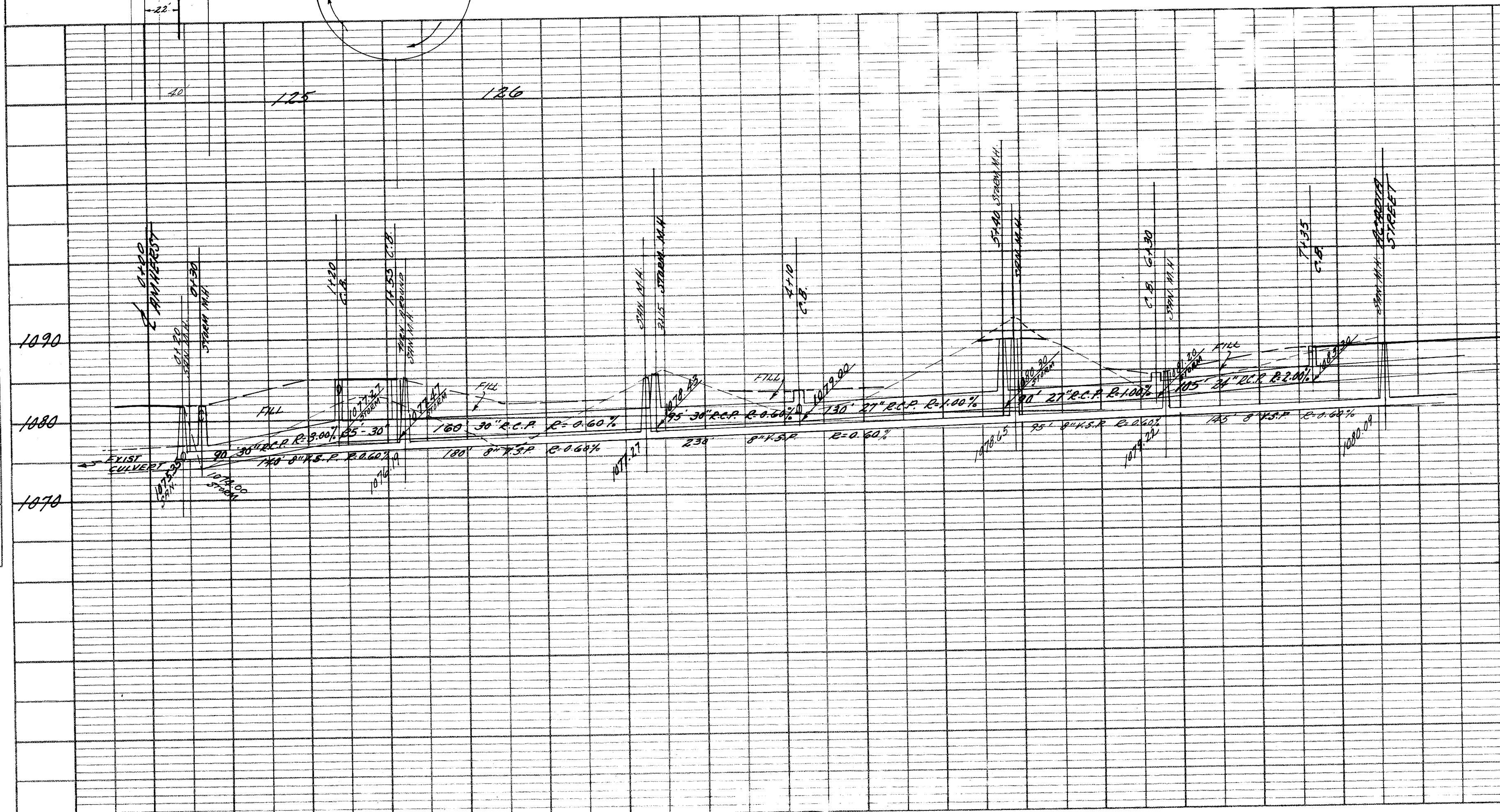
PLAN	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	ALIGNMENT CHECKED	
	RT. OF WAY CHECKED	

PROFILE	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	VERT. CURVES CHECKED	
	STRUCTURE NOTATIONS OK'D	



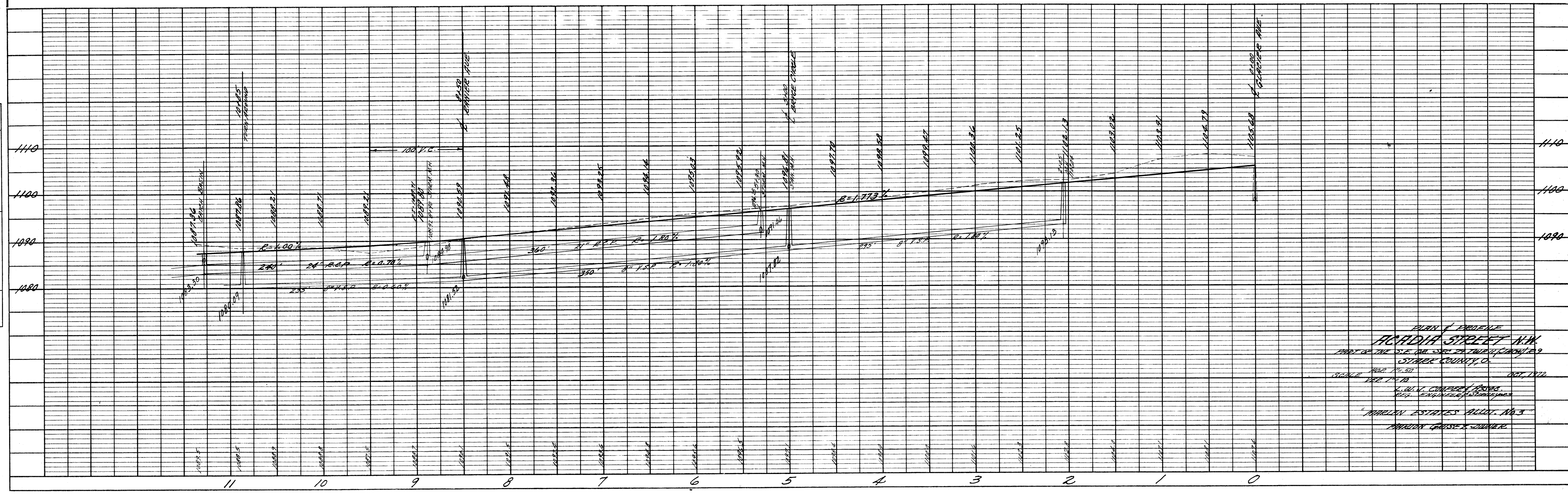
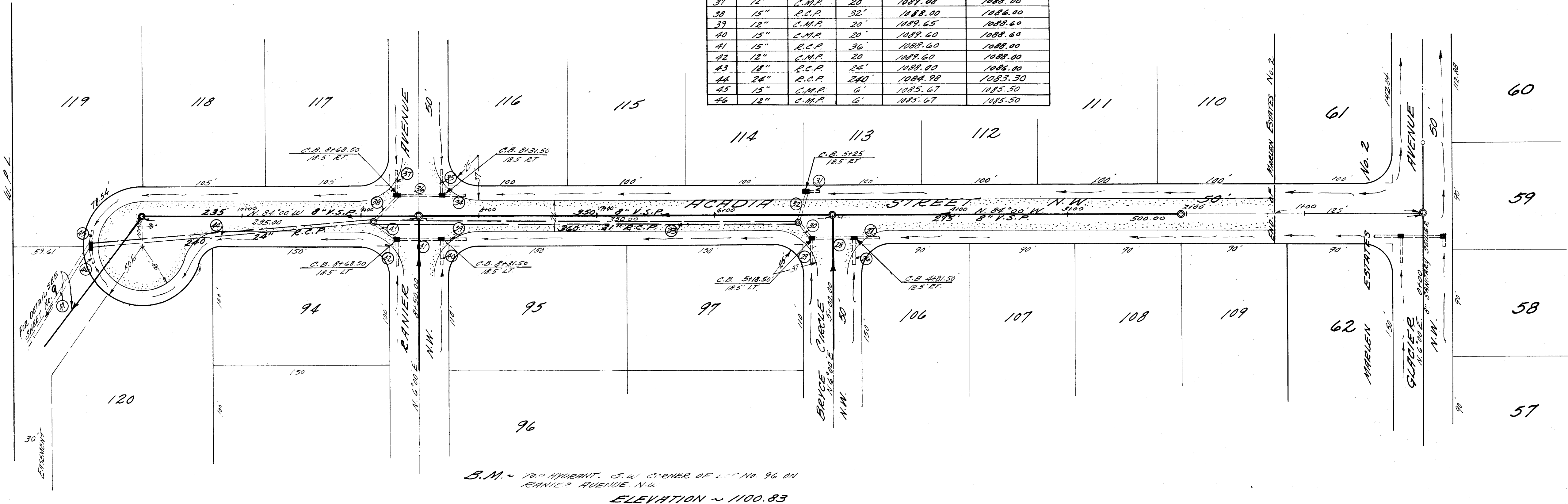
STORM SEWER & CULVERT DATA					
NO.	SIZE	TYPE	LN. FT.	INLET ELEV.	OUTLET ELEV.
47	24"	R.C.P.	105'	1083.30	1081.30
48	27"	R.C.P.	90'	1081.20	1080.30
49	27"	R.C.P.	130'	1080.30	1079.00
50	30"	R.C.P.	255'	1079.00	1077.47
51	15"	C.M.P.	10'	1084.00	1083.50
52	30"	R.C.P.	35'	1077.47	1077.27
53	15"	C.M.P.	20'	1083.40	1083.00
54	30"	R.C.P.	90'	1077.27	1076.00
55	15"	C.M.P.	10'	1080.25	1080.00
56	18"	C.M.P.	10'	1080.25	1080.00

B.M. ~ TOP FIRE HYDRANT, N.W. CORNER OF
LOT No. 85 IN KENWEE STREET.
ELEVATION ~ 1100.83



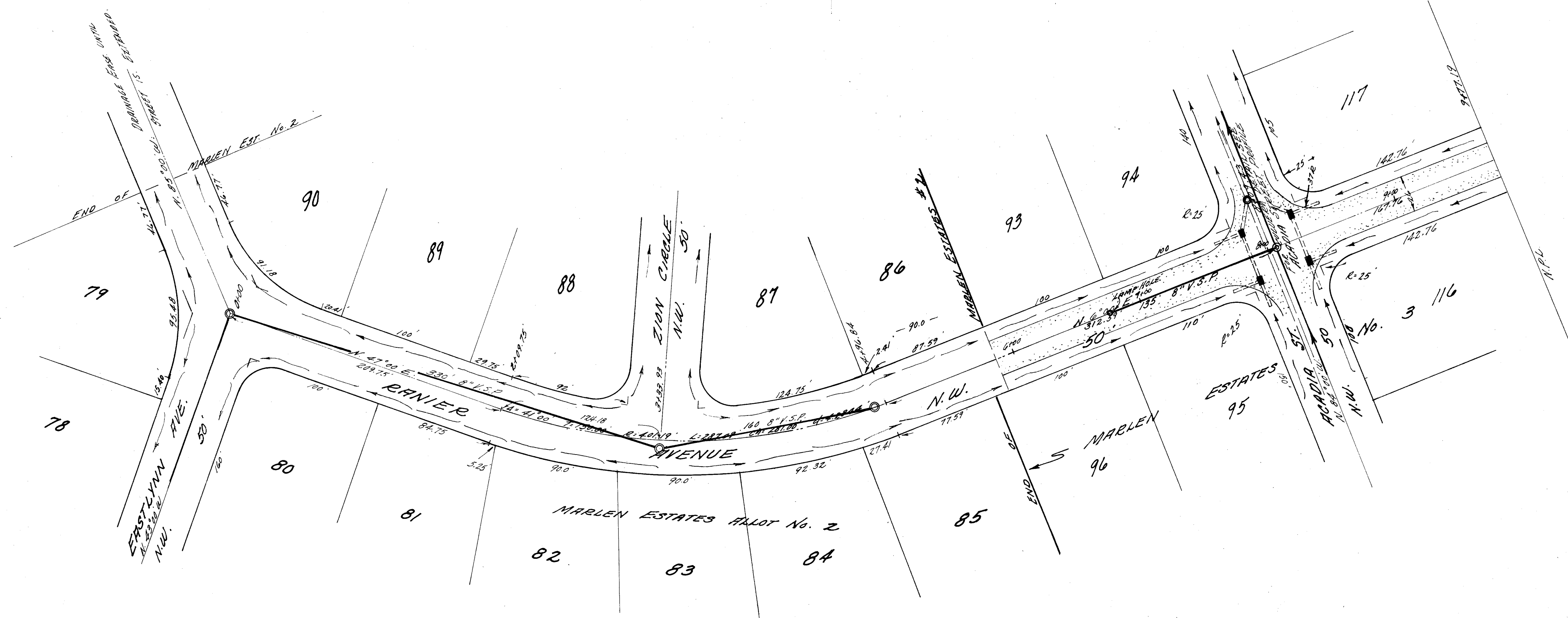
PLAN & PROFILE
SEWERAGE AND STORM SEWER
FROM ACADEIA STREET TO ANNHEEST AVE.
PART OF THE S.E. 1/4, SEC. 29, T12P11, R12E, ST. CLAIR COUNTY, ILL.
DATE 12.5.50
SCALE 1"=40'
L. L. CHAPMAN & ASSOC.
SURVEYING ENGINEERS & ARCHITECTS
MARLEN ESTATES NO. 3
MARION GRUBER - DEVELOPER

STORM SEWER & CULVERT DATA					
NO.	SIZE	TYP.	LINE	INLET ELEV.	OUTLET ELEV.
26	12"	C.M.P.	20'	1095.40	1094.50
27	18"	C.M.P.	20'	1095.28	1094.50
28	24"	R.C.P.	36'	1094.50	1094.00
29	15"	C.M.P.	20'	1095.40	1094.00
30	24"	R.C.P.	16'	1094.00	1091.46
31	15"	C.M.P.	6'	1094.73	1094.00
32	15"	R.C.P.	24'	1094.00	1091.46
33	24"	R.C.P.	360'	1091.46	1084.98
34	12"	C.M.P.	20'	1089.65	1088.60
35	12"	C.M.P.	20'	1089.08	1088.60
36	15"	R.C.P.	36'	1088.60	1088.00
37	12"	C.M.P.	20'	1088.08	1088.00
38	15"	R.C.P.	32'	1088.00	1086.00
39	12"	C.M.P.	20'	1087.65	1088.00
40	15"	C.M.P.	20'	1088.60	1088.60
41	15"	R.C.P.	36'	1088.60	1088.00
42	12"	R.C.P.	20'	1088.60	1088.00
43	18"	R.C.P.	24'	1088.00	1086.00
44	24"	R.C.P.	240'	1084.98	1083.30
45	15"	C.M.P.	6'	1085.67	1085.50
46	12"	C.M.P.	6'	1085.67	1085.50



PLAN & PROFILE
ACADIA STREET N.W.
PART OF THE S.E. 1/4 SEC. 24 T20N, R20W, E2S
STARK COUNTY, O.
SCALE 1"=50' HORIZ. 1"=10' VERT.
JULY 1, 1912
HARLEN ESTATES ACCT. NO. 3
THURMAN BRISER & SONS

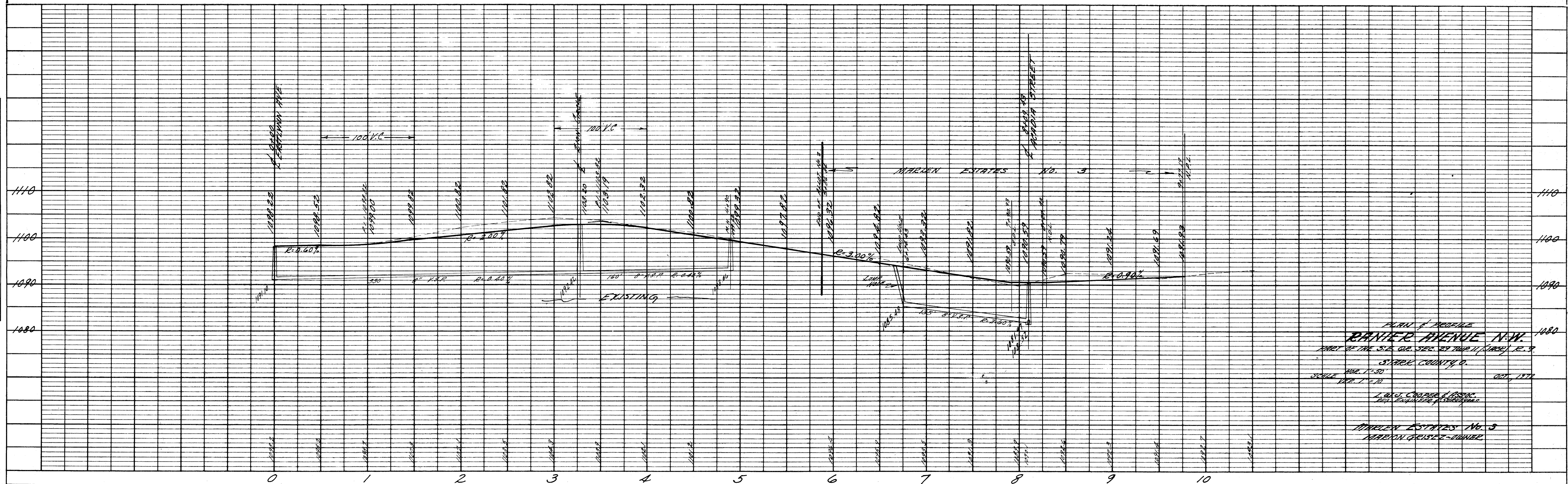
PLAN	NO.	NOTE BOOK	SURVEYED	BY	DATE
			ALIGNED		
			CHECKED		
			RT. OF WAY		



B.M. ~ TOP HYDRANT. S.W. CORNER OF LOT NO. 96 ON RANIER AVE N.W.

ELEVATION ~ 1100.83

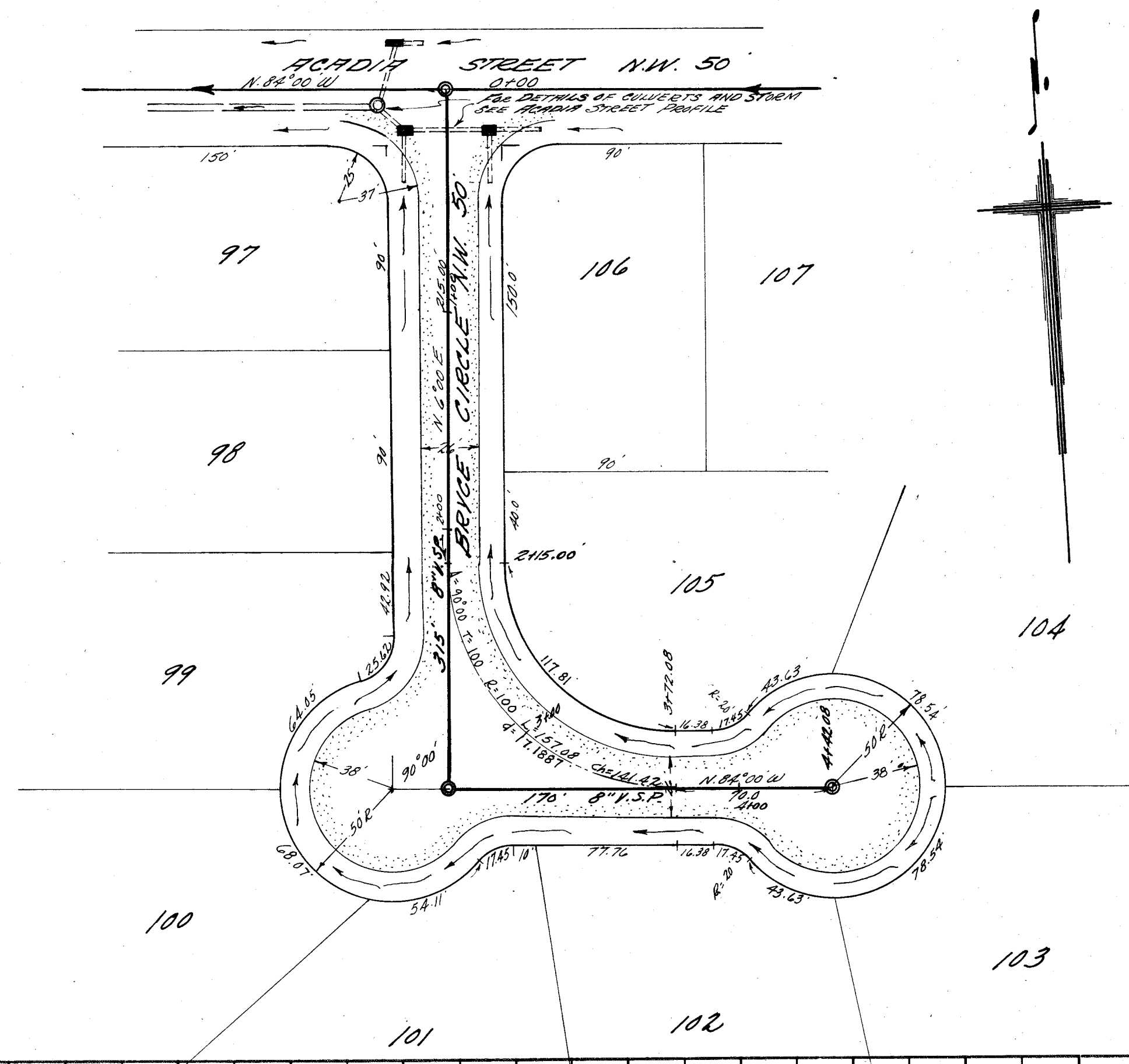
PROFILE	NO.	NOTE BOOK	SURVEYED	BY	DATE
			GRADES		
			CHECKED		
			B.M.'S NOTED		
			STRUCTURE NOTATIONS		



PLAN & PROFILE
RANIER AVENUE N.W.
PART OF THE S.E. 1/4, SEC. 29 TWP. 17 N., R. 9 E.,
STARK COUNTY, IOWA
SCALE 1" = 30'
DATE 10/1/17
L. RAY, CHIEF ENGINEER
J. RAY, ENGINEER
MARLEN ESTATES No. 3
MARLEN ESTATES No. 2

PLAN	NO.	NOTE BOOK	SURVEYED	BY	DATE
			ALIGNED		
			CHECKED		
			RT. OF WAY		
			CHECKED		

PROFILE	NO.	NOTE BOOK	SURVEYED	BY	DATE
			PLOTTED		
			CHECKED		
			STRUCTURE		
			NOTATION		
			CHD.		



B.M. ~ TOP FIRE HYDRANT, S.W. CORNER OF LOT NO. 96 ON EARTH AVE. N.W.
ELEVATION ~ 1100.83

