

CARLENE AREA SANITARY SEWERS

17TH ST., RONDALE AVE., MEADOWBROOK ST., CARLENE AVE., MARGILEE DR., 22ND ST., 23RD ST., TIMOTHY CIR. S.W.

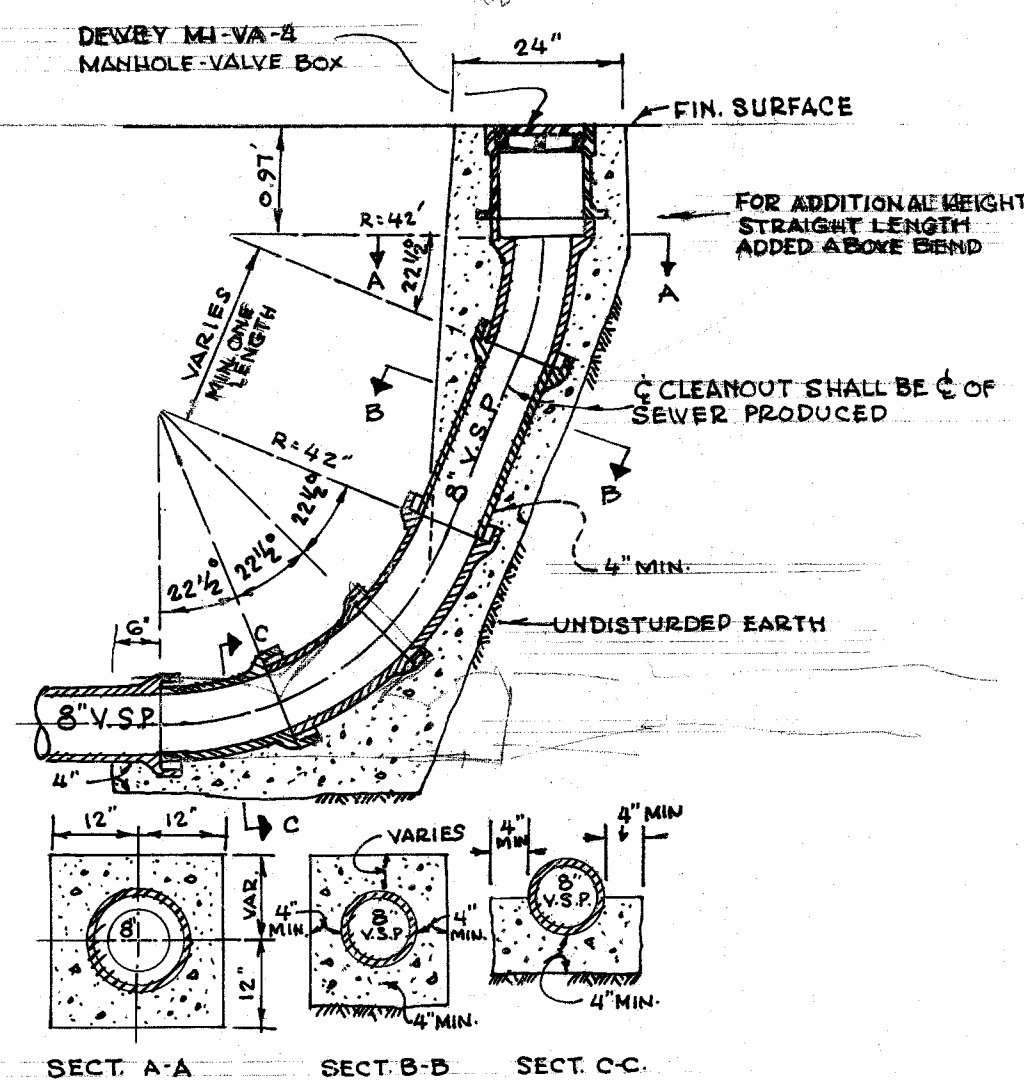
DEPARTMENT OF PUBLIC SERVICE
DIVISION OF ENGINEERING

HERBERT SCHRADER MAYOR
RAYMOND MARCHAND SAFETY SERVICE DIR.
ROBERT F. WAGONER CITY ENGINEER

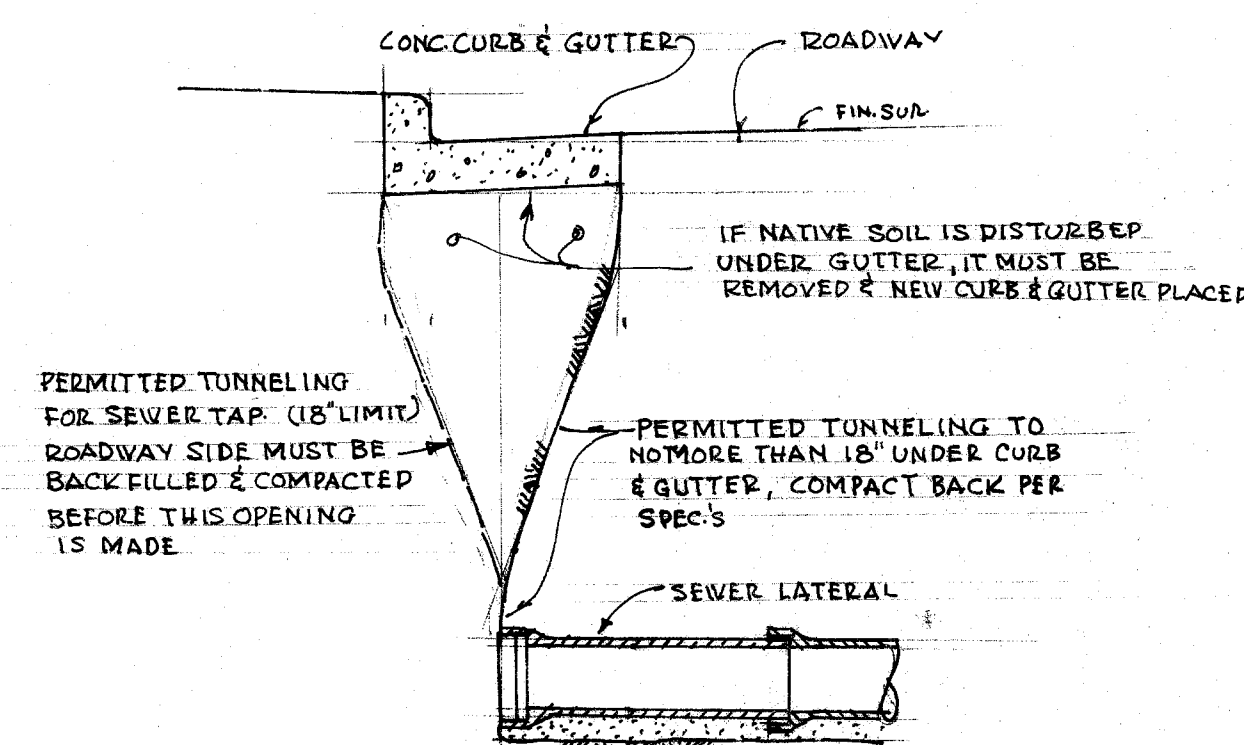
SITE MAP

INDEX

17 TH STREET S.W.	1
CARLENE AVE. & TIMOTHY CIR. S.W.	2
MEADOWBROOK AVE. S.W.	3
CARLENE AVE. S.W.	4
CARLENE AVE. & MARGILEE DR. S.W.	4B
MARGILEE DR. S.W.	5
22 ND STREET S.W.	6
23 RD STREET S.W.	7
MARGILEE DR. S.W. & 22 ND STREET S.W. TO TRUNK SEWER	8
FUTURE STREET OFF CARLENE AVE. S.W. 9 (O.L. 495)	9
FUTURE STREET (O.L. 495) SAN. MAIN / ALT. (A-1)	10



TYPICAL CLEANOUT
SCALE 1/2" = 1'-0"



SEWER LATERAL @ EXIST. CURB & GUTTER
SCALE 1/2" = 1'-0"

DR. BY RONNIE MCPHERSON

CONSTRUCTION NOTES

- 1) All construction to be per City of Massillon Specifications.
- 2) All pipe to be extra strength with Compression type joints vitrified clay pipe.
- 3) All manholes to be precast concrete with a minimum of 1'-0" or adjusting rings on top of cone.
- 4) Cleanouts to be per detail shown on this sheet.
- 5) Backfill to be properly compacted per specifications, if unsuitable, granular backfill may be ordered by the engineer at the City's fixed price in the bid sheets.
- 6) Infiltration tests will be required (any other type of test must be approved by the City Engineer.) (See Note 11.)
- 7) Contractor shall pay the City's inspectors for all work before 7:30 A.M. and after 4:00 P.M. Monday thru Friday and all hours on Saturday, Sunday or Holidays at time and one half the rate in the City's Wage Ordinance that is in effect.
- 8) ALTERNATES: "A-1", "A-2" AND "B".

Alternates A-1 shall be built in conjunction with A-2 to service the area to the north as an alternate to Alternate B. All of Alternate A-1 (sh. 10) and portions of the sewer shown on Sheet 9 within O.L. 495 are to be bid but the City reserves the right to withdraw these portions from the contract so if owner of O.L. 495 elects, he may build these portions within his private property under his own contract. The City therefore also reserves the right to select Alternate A-1 and A-2 or B including the above provisions.

Alternate C-2 may be built in place of Alternate C-1. Alternate C-2 revises the location of Manhole 34 to the west of Manhole 34-C with the different line and grade on the pipe. These alternates are included to calculate the difference in cost to the property owners located on the south side of Carlene Ave. for the different methods of connecting the residences. The City reserves the right to use either Alternate.

8) ALTER. CONT.

Alternate "D" is an additional service line to be used to connect the two adjacent residences included in the contract to compare the cost of this service line with the cost of two 6" laterals. The City reserves the right to include or delete this alternate.

9) Drop Manholes:

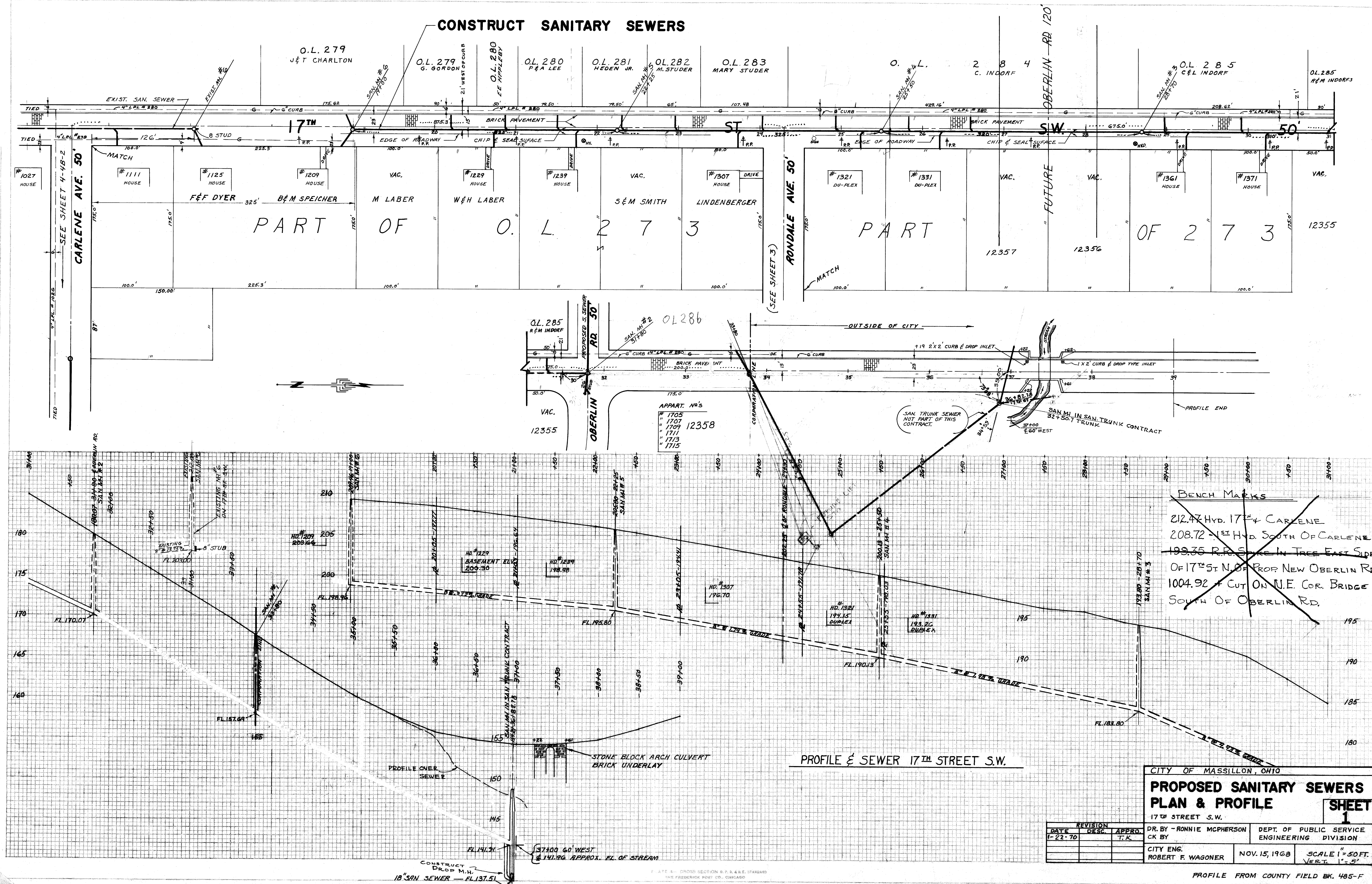
Drop Manholes bid item is for the drop attachment only. Manhole portion is included in Vertical Feet of Manhole.

10) Gravel Road Base to be compacted Bank Run (Crushed) gravel 1'-0" deep over trench.

- 11) The amount of infiltrating water shall not exceed 500 gal. per day mile of sewer per inch of diameter. No allowance shall be made for manholes or footage of house connections. Any section of sewer showing leakage in excess of the allowable amount shall be repaired or replaced and retested at the expense of the Contractor.

FINAL	DATE
SURVEY	BY
NOTE BOOK	NO.
AREAS CHECKED	

ORIGINAL	DATE
SURVEY	BY
NOTE BOOK	NO.
AREAS CHECKED	

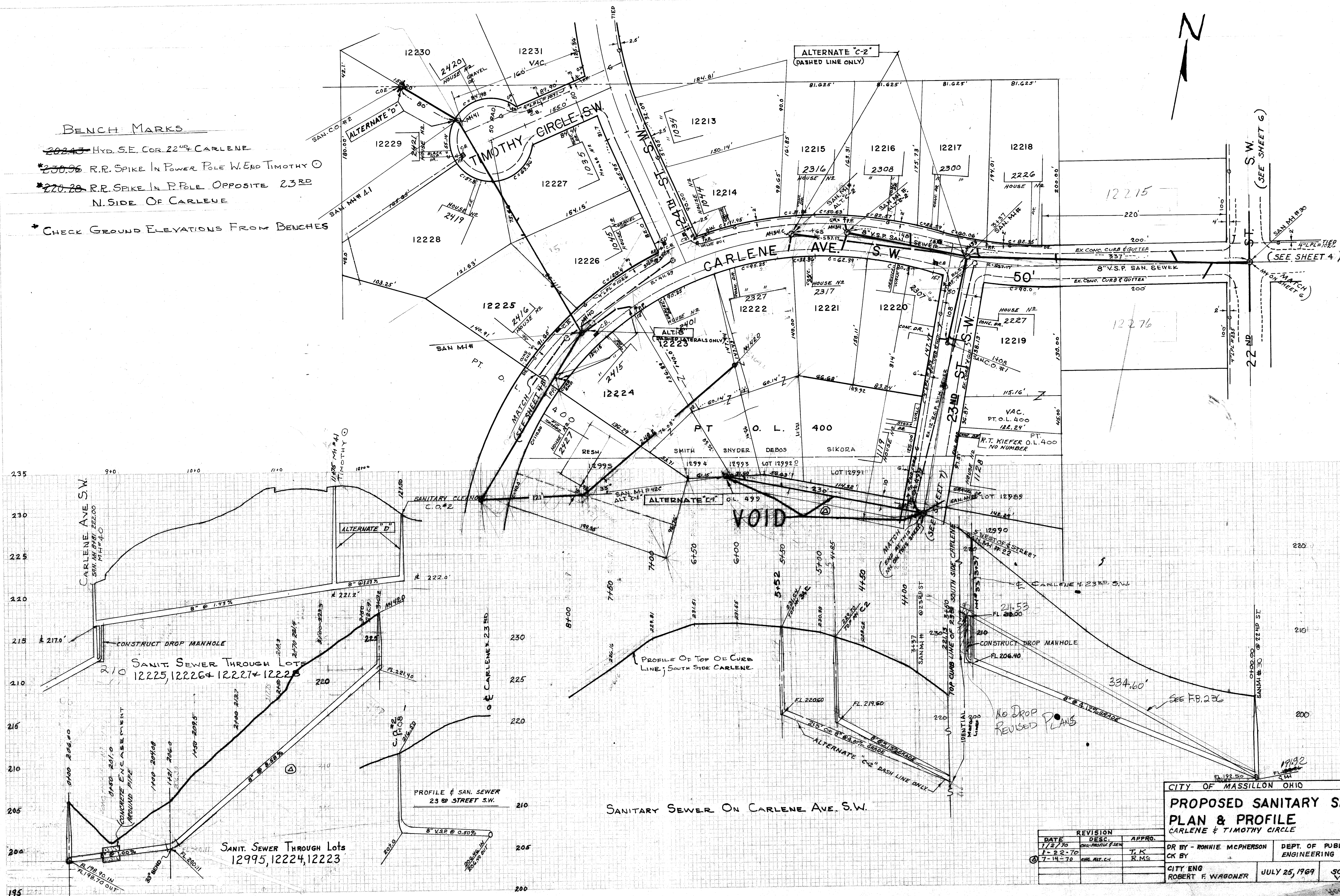


CITY OF MASSILLON, OHIO		
PROPOSED SANITARY SEWERS		
PLAN & PROFILE		
SHEET 1		
17th STREET S.W.		
DATE	REVISION	APPRO.
1-22-70	DESC.	T.K.
DR. BY - RONNIE MCPHERSON		DEPT. OF PUBLIC SERVICE
CK BY		ENGINEERING DIVISION
CITY ENG.		NOV. 15, 1968
ROBERT F. WAGONER		SCALE 1" = 50 FT.
		VERT. 1" = 5'

PROFILE FROM COUNTY FIELD BK. 485-F
FILE NO. SE-530 ACC. NO. 2479

[illegible]

~~20243~~ HYD. S.E. COR. 22ND & CARLENE
* ~~230.96~~ R.R. SPIKE IN POWER POLE W. END TIMOTHY O
* ~~220.28~~ R.R. SPIKE IN P. POLE OPPOSITE 23RD
N. SIDE OF CARLENE
* CHECK GROUND ELEVATIONS FROM BENCHES



REVISION		
DATE	DESC.	APPRO
1/2/70	ENG. PROFILE & SEW	
1-22-70		T.K
④ 7-14-70	ENG. ALT. C-1	R.M.C

CITY OF MASSILLON OHIO

PROPOSED SANITARY SEWERS
PLAN & PROFILE
CARLENE & TIMOTHY CIRCLE

SHEET
2

DR BY - RONNIE MCPHERSON	DEPT. OF PUBLIC SERVICE
CK BY	ENGINEERING DIVISION

CITY ENG ROBERT F. WAGONER	JULY 25, 1969	SCALE 1"=60' VERT 1"=1'
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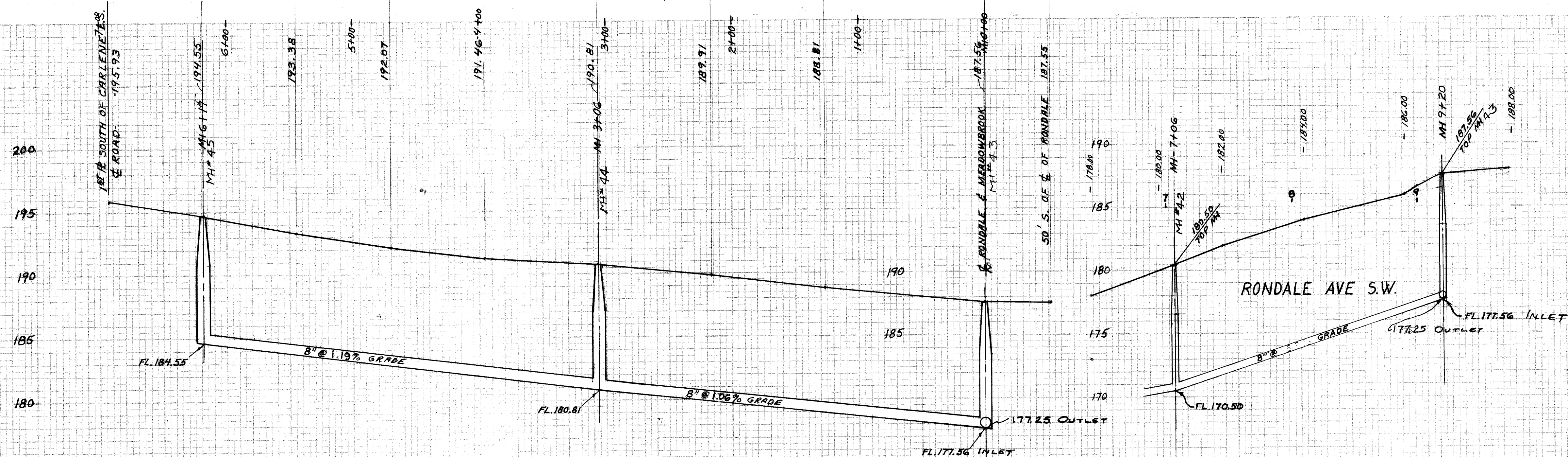
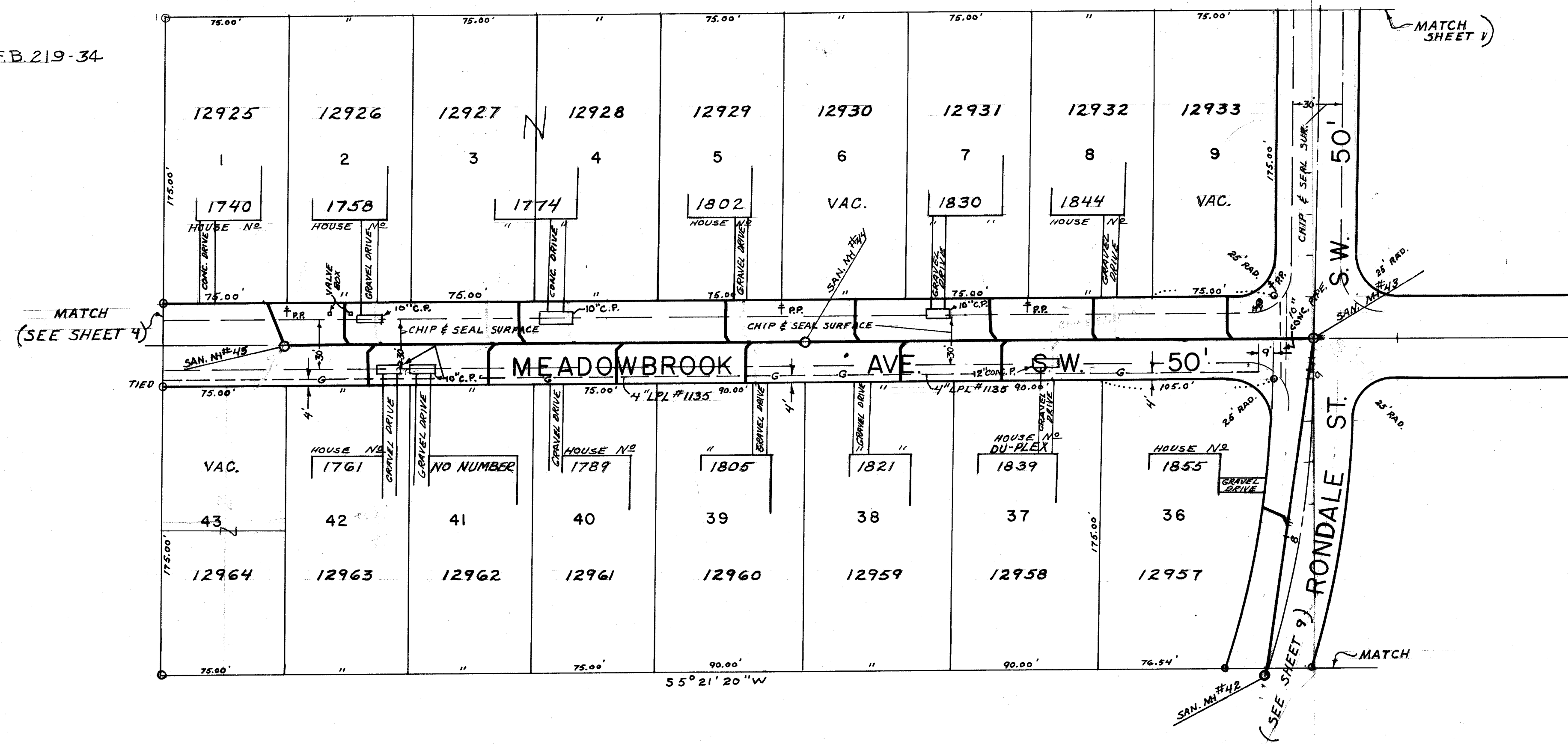
SCALE 1=50F

DATE	
BY	
FINAL SURVEY	
NOTES	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
NOTES	
NO.	

BENCH MARK

~~189.76~~ HYD. N.E. COR. MEADOWBROOK & RONDALE F.B. 219-34



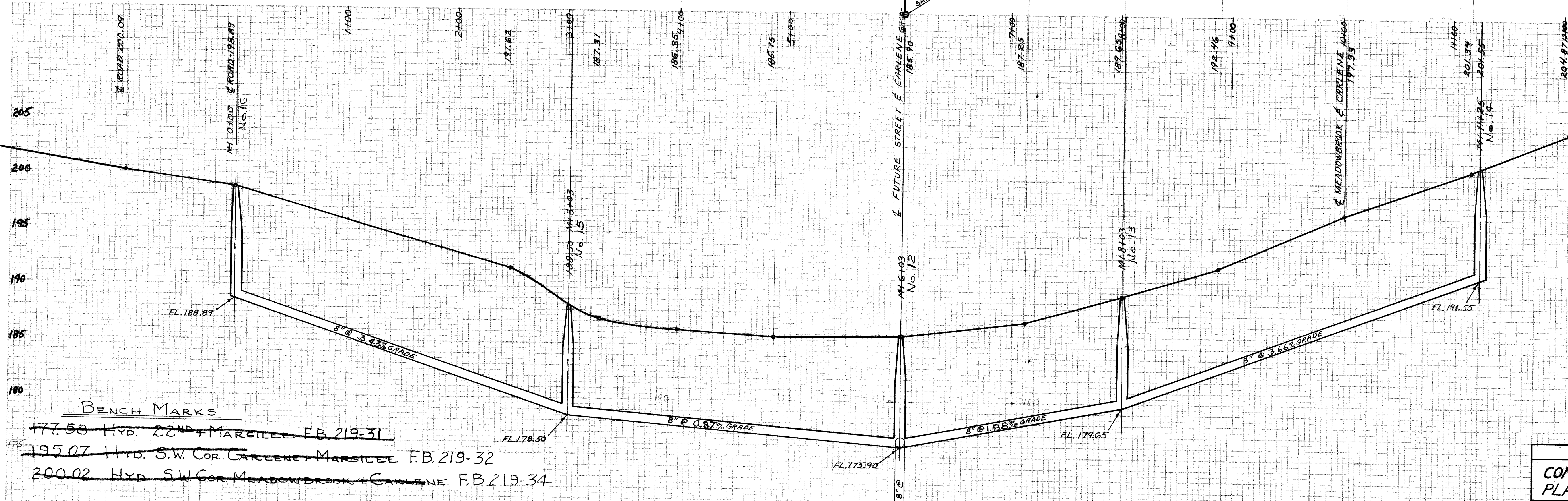
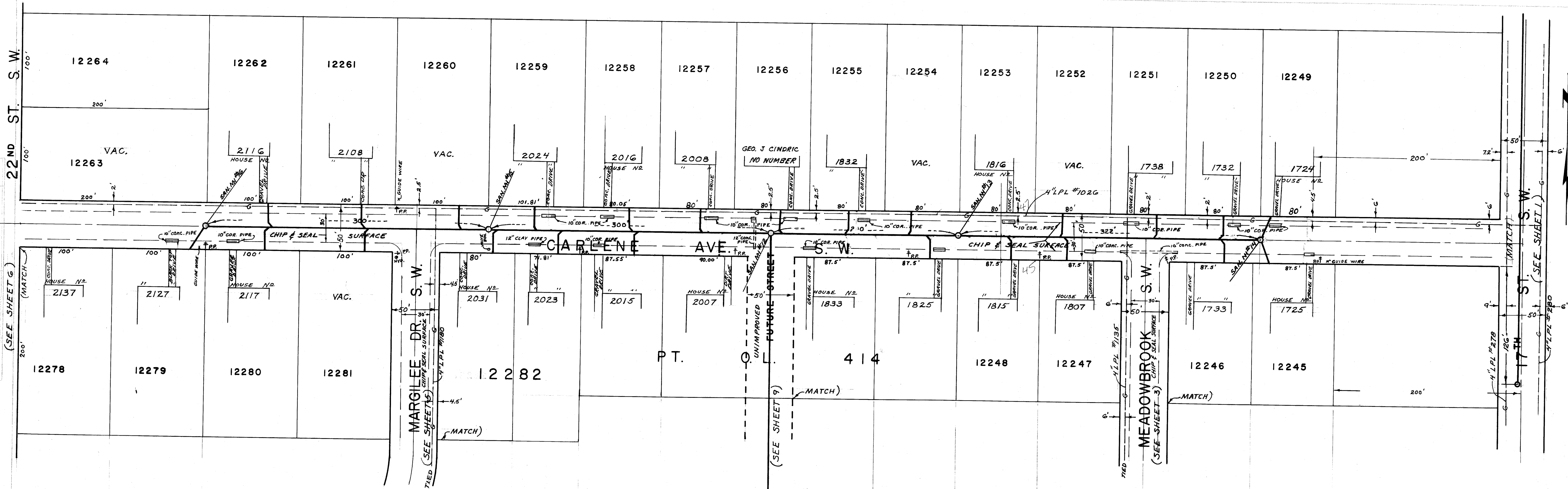
PROFILE MEADOWBROOK AVE. S.W. 50'

DATE	REVISION	DESC.	APPRO.
1-22-70			T. K.

CITY OF MASSILLON, OHIO	
CONSTRUCT SANITARY SEWERS	
PLAN & PROFILE - MEADOWBROOK AVE. S.W. 50'	
DR. BY - RONNIE MCPHERSON	DEPT. OF PUBLIC SERVICE
CITY ENG. ROBERT WAGONER	ENGINEERING DIVISION
SCALE 1"=50 FT.	SHEET
VERT. SCALE 1"=5'	3

FINAL SURVEY
 SURVEYED
 DATE
 BY
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ORIGINAL SURVEY
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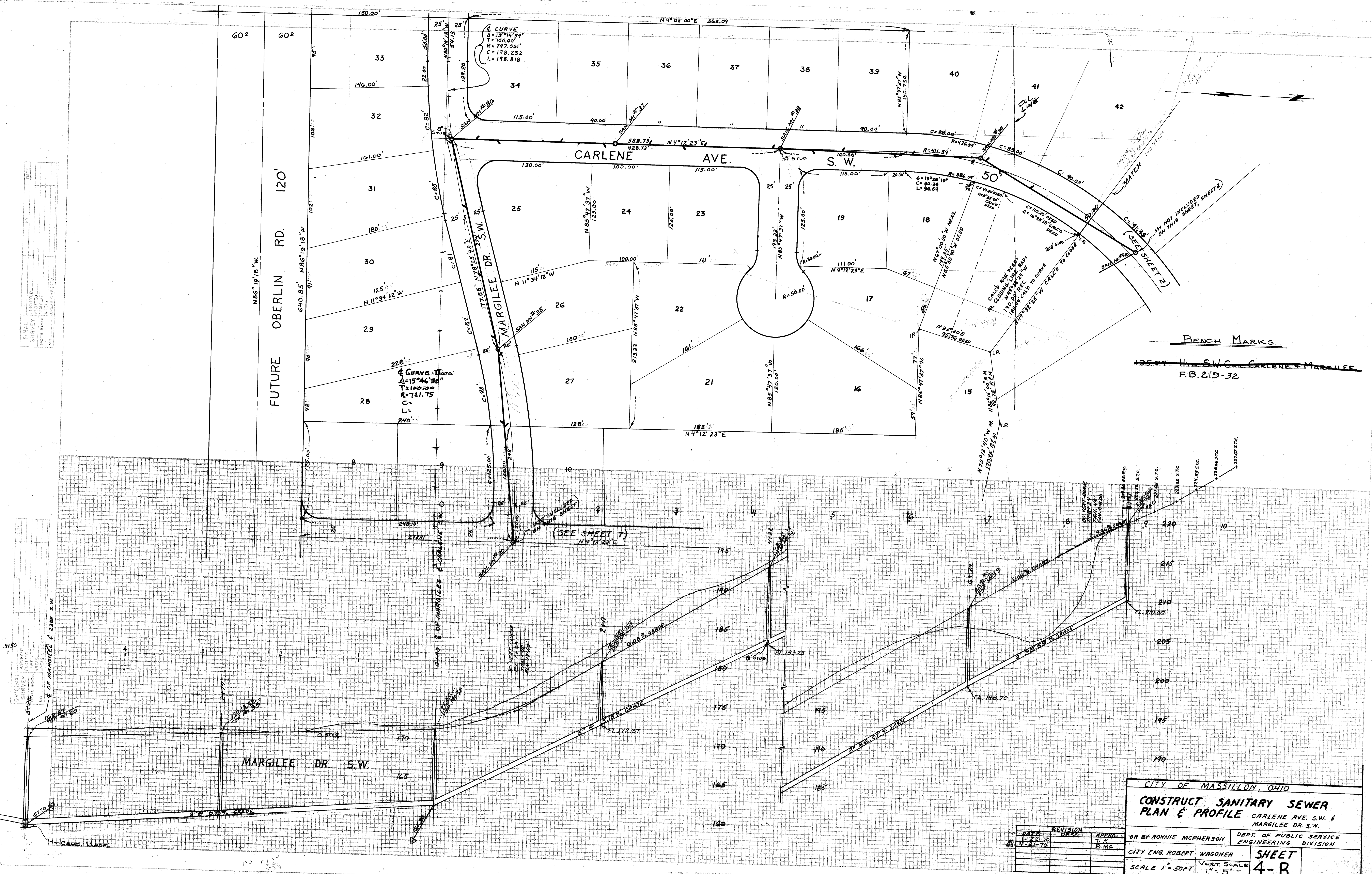
CARLENE AVE. S.W. PROFILE & SEWER

CITY OF MASSILLON, OHIO	
CONSTRUCT SANITARY SEWER	
PLAN & PROFILE CARLENE AVE. S.W.	
DR. BY RONNIE MCPHERSON	DEPT. OF PUBLIC SERVICE
CITY ENG. ROBERT WAGONER	ENGINEERING DIVISION
SCALE 1"=50 FT.	VERT. SCALE 1"=5'
SHEET 4	

APP. 1-22-70 T.K.

FILE N° SF-530 ACC. N° 7482

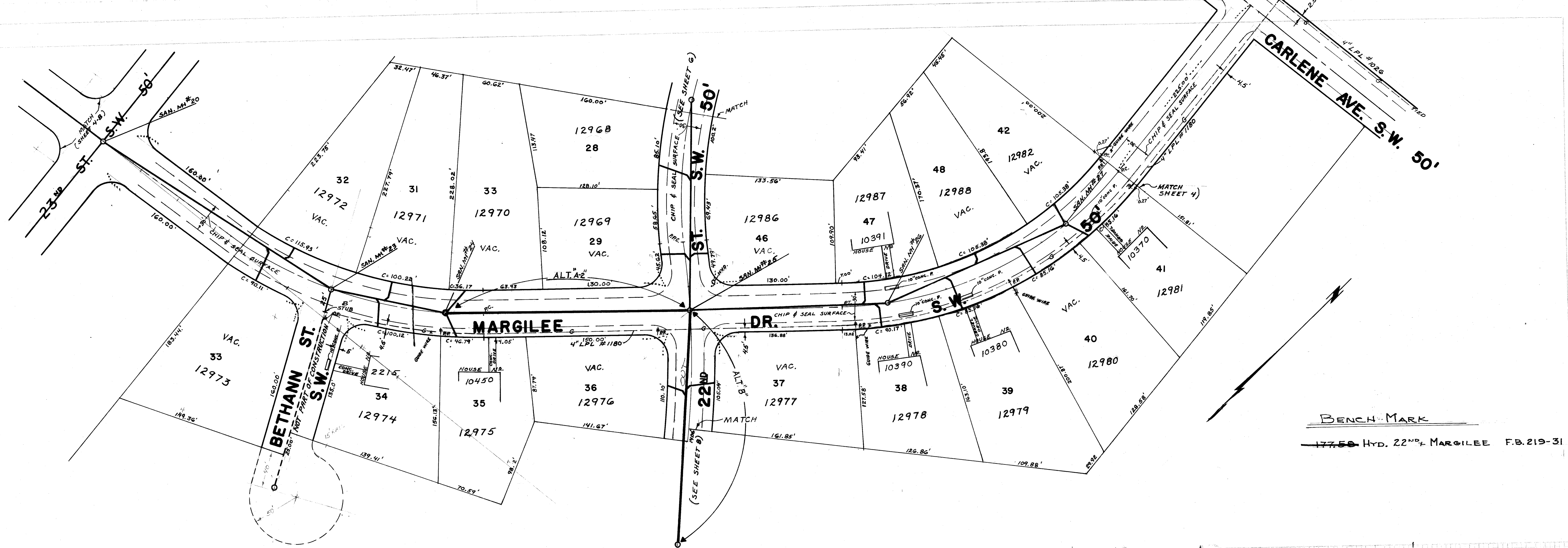
ORIGINAL	SURVEY	BY	DATE
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NOTE BOOK	PLOTTED		
	TEMPLATE		
	AREAS		
NO.	AREAS CHECKED		



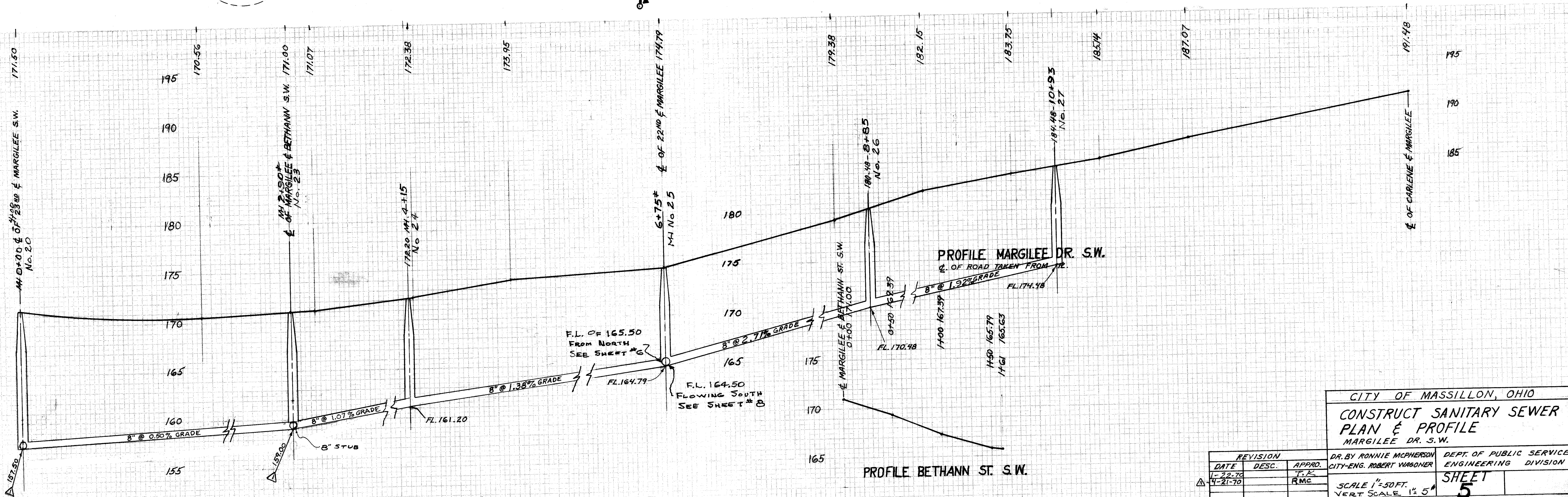
REVISION		APPRO.
DATE	DESC.	
1-22-70		T.K
4-21-70		R.MC

CITY OF MASSILLON, OHIO		
CONSTRUCT SANITARY SEWER PLAN & PROFILE		
CARLENE AVE. S.W. & MARGILEE DR. S.W.		
DR BY RONNIE MCPHERSON	DEPT. OF PUBLIC SERVICE ENGINEERING DIVISION	
CITY ENG. ROBERT WAGNER	SHEET 4-B	
SCALE 1" = 50 FT		

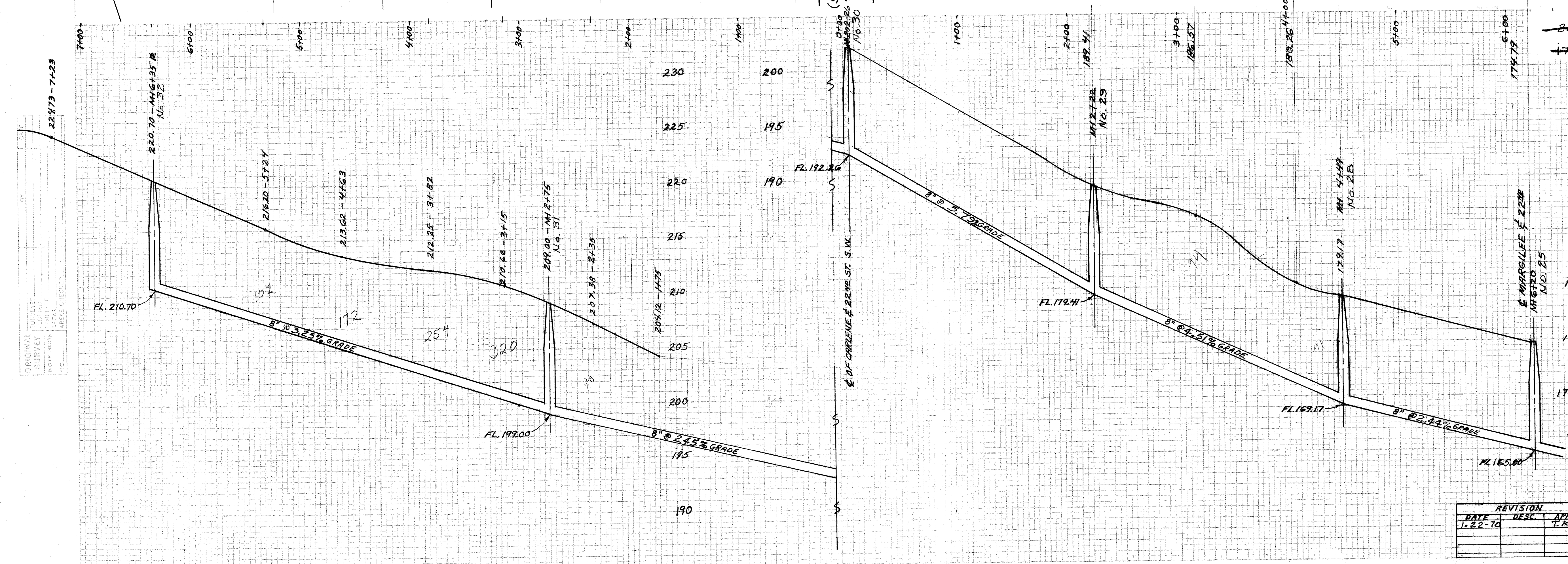
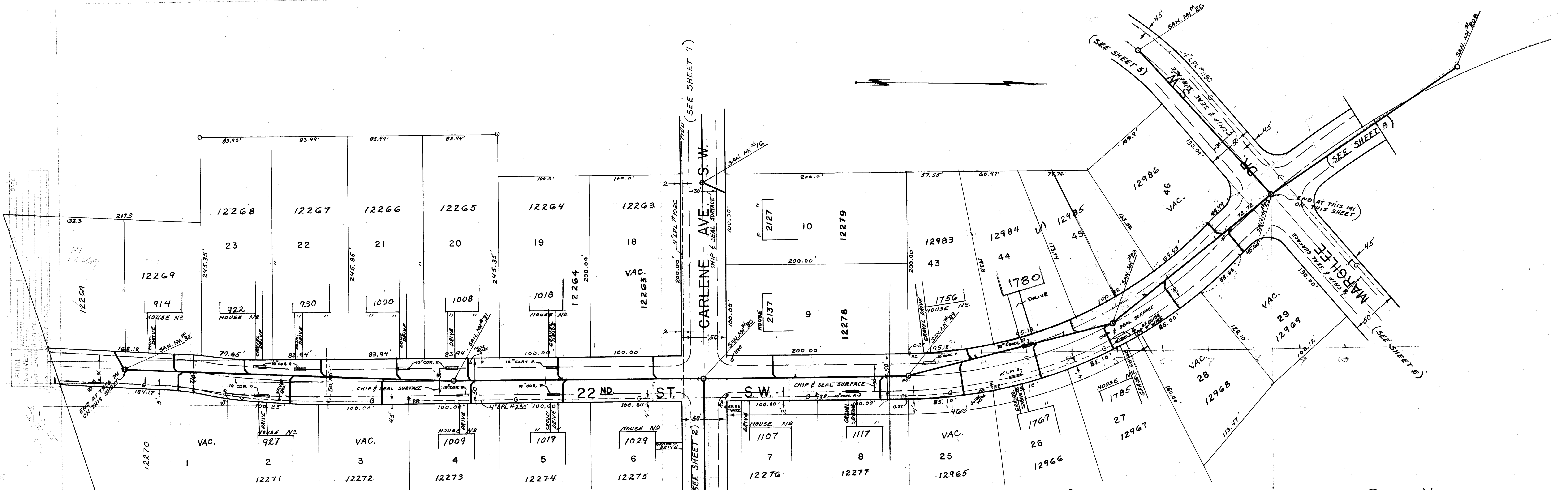
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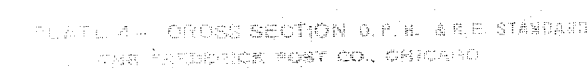
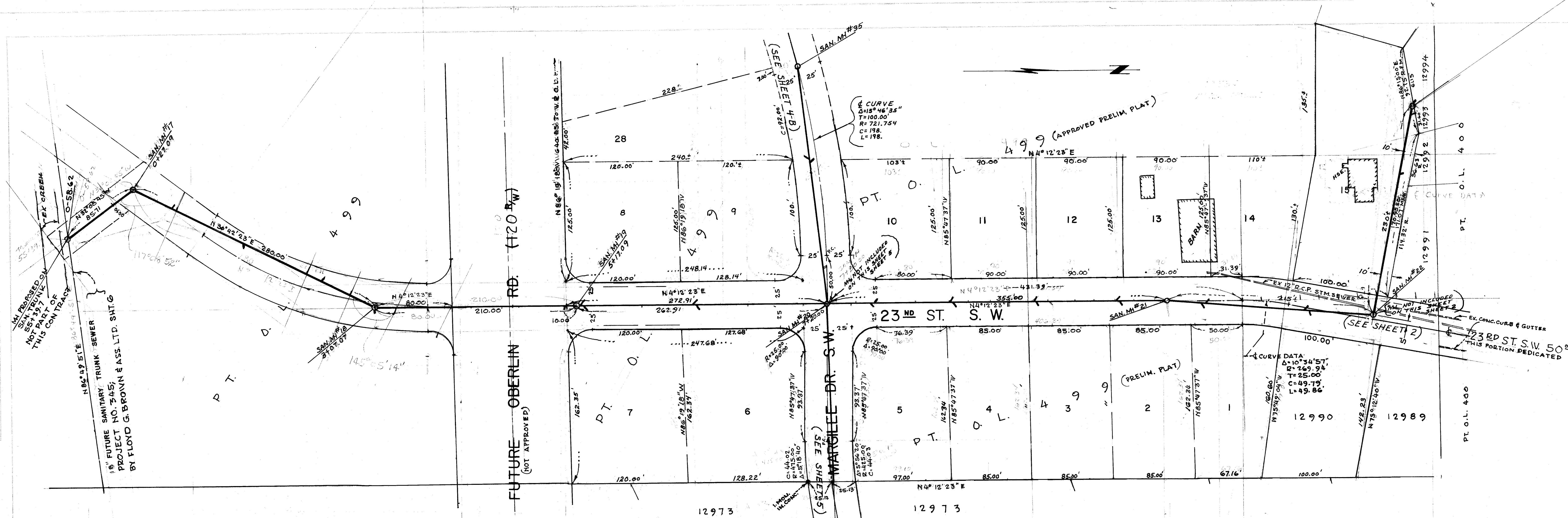
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BENCH MARKS
 202.43 Hyd. S.E. COR 22ND + CARLENE F.B.219-3
 177.58 Hyd. 22ND + MARGILEE F.B.219-31

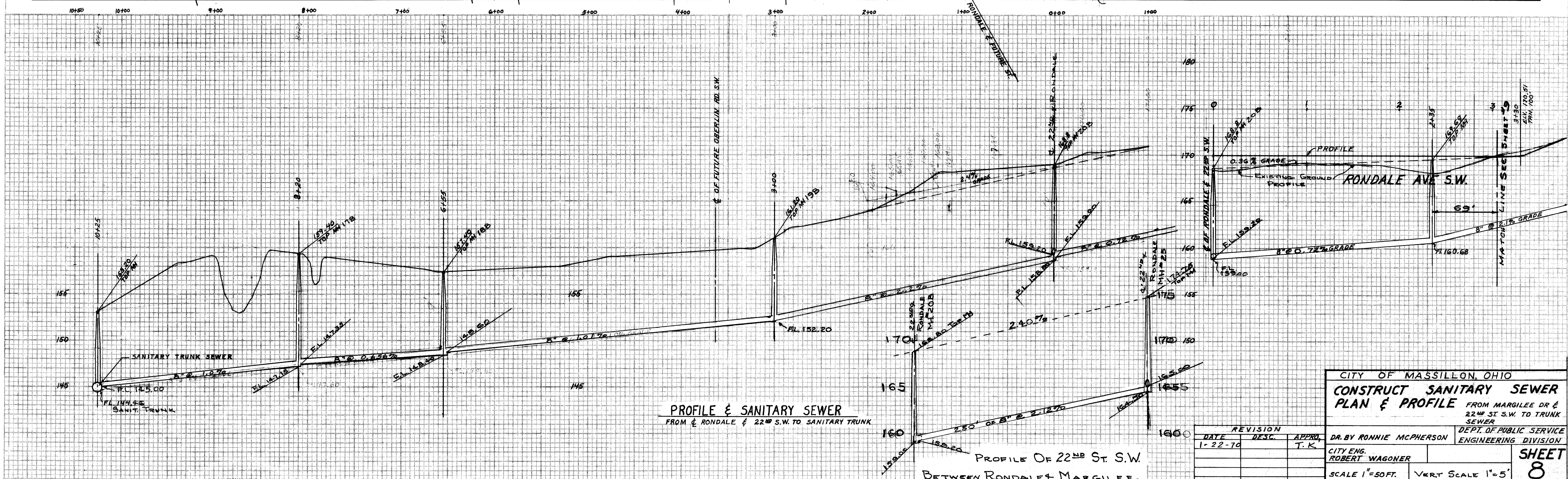
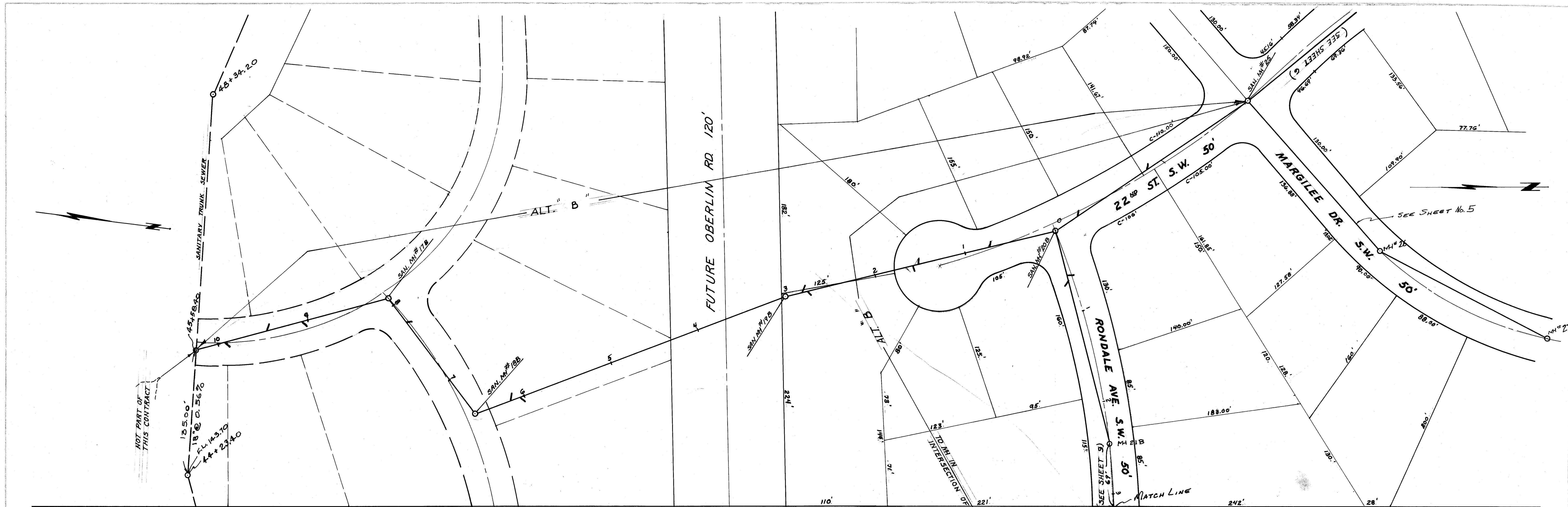
CITY OF MASSILLON, OHIO		
CONSTRUCT SANITARY SEWER PLAN & PROFILE 22 ND STREET S.W.		
DR. BY RONNIE MCPHERSON CITY ENG. ROBERT WAGONER	DEPT. OF PUBLIC SERVICE ENGINEERING DIVISION	
SCALE 1"=50 FT. VERT SCALE 1"=5'		SHEET 6

REVISION	DATE	DESC.	APPRO.
1-22-10			T.K.



FINAL SURVEY
DATE
BY
NOTE BOOK
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APPROVED

ORIGINAL SURVEY
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PROFILE & SANITARY SEWER
FROM & RONDAL & 22ND S.W. TO SANITARY TRUNK

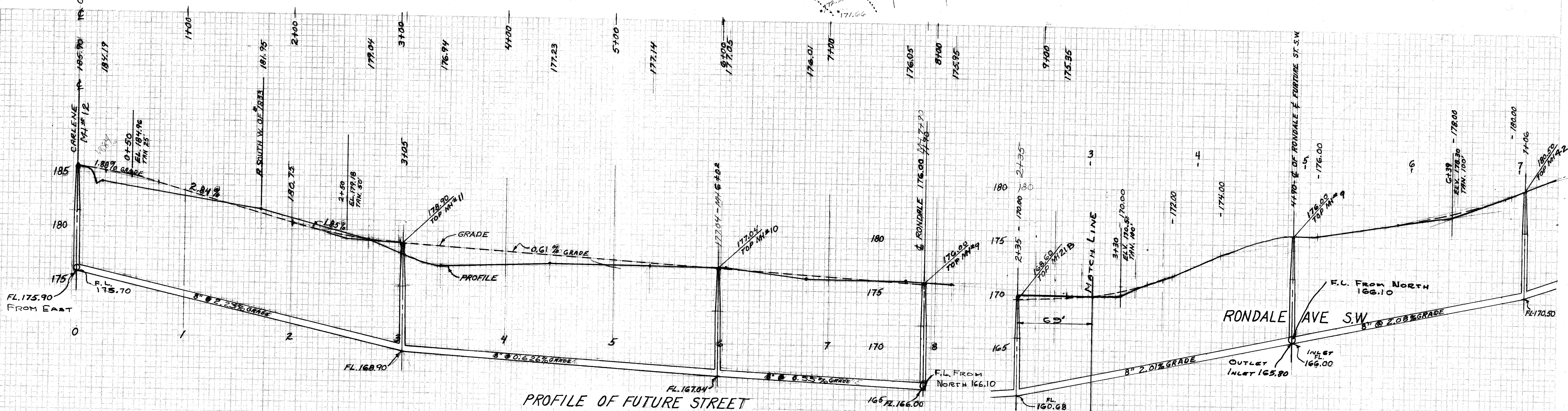
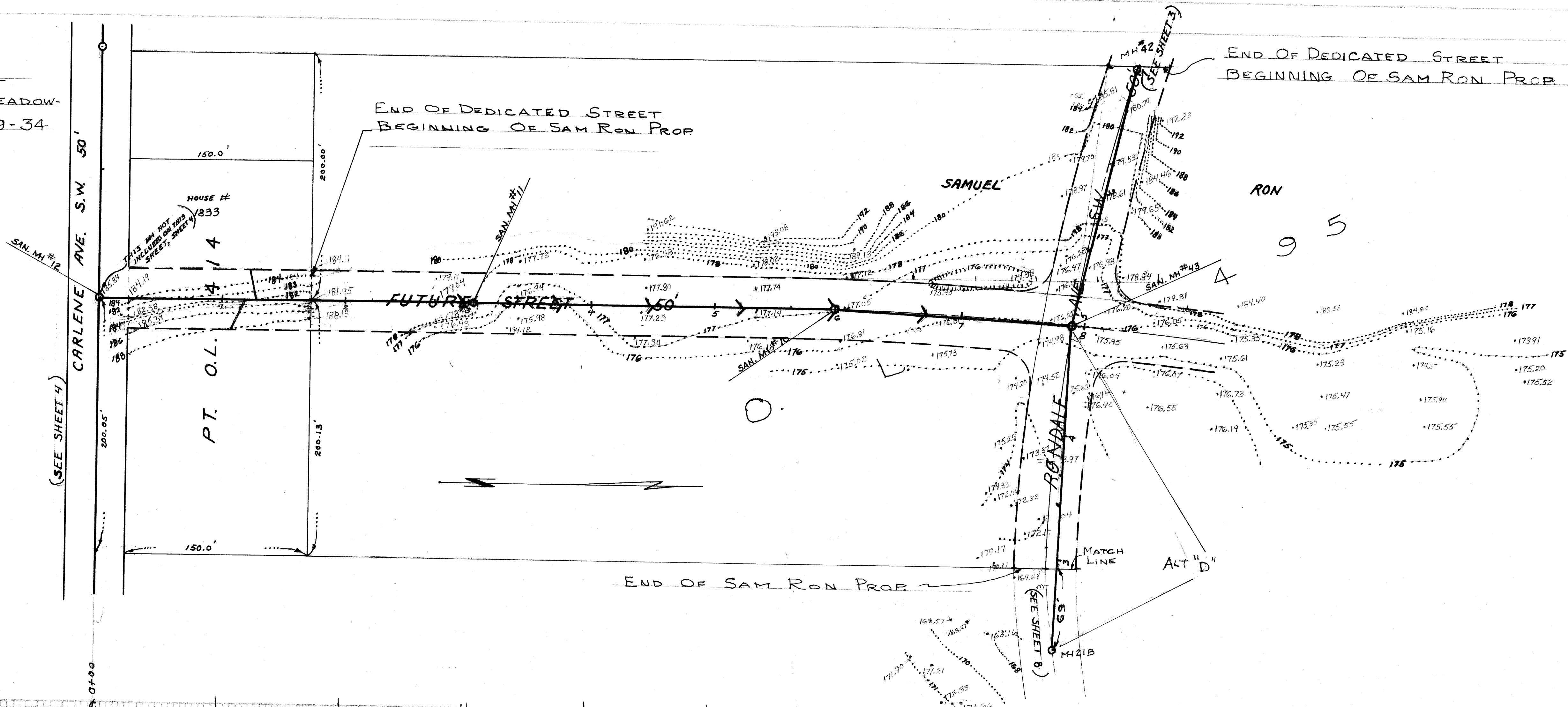
PROFILE OF 22ND ST. S.W.
BETWEEN RONDAL & MARGILEE

CITY OF MASSILLON, OHIO			
CONSTRUCT SANITARY SEWER			
PLAN & PROFILE			
FROM MARGILEE DR & 22ND ST. S.W. TO TRUNK SEWER			
DR. BY RONNIE MCPHERSON		DEPT. OF PUBLIC SERVICE	
CITY ENG. ROBERT WAGONER		ENGINEERING DIVISION	
SCALE 1"=50FT.		VERT SCALE 1"=5'	
DATE 1-22-76		APPRO. T.K.	
REVISION		SHEET 8	

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BENCH MARK
~~189.76~~ HYD. N.E. COR. MEADOW-
 BROOK & RONDALE F.B. 219-34



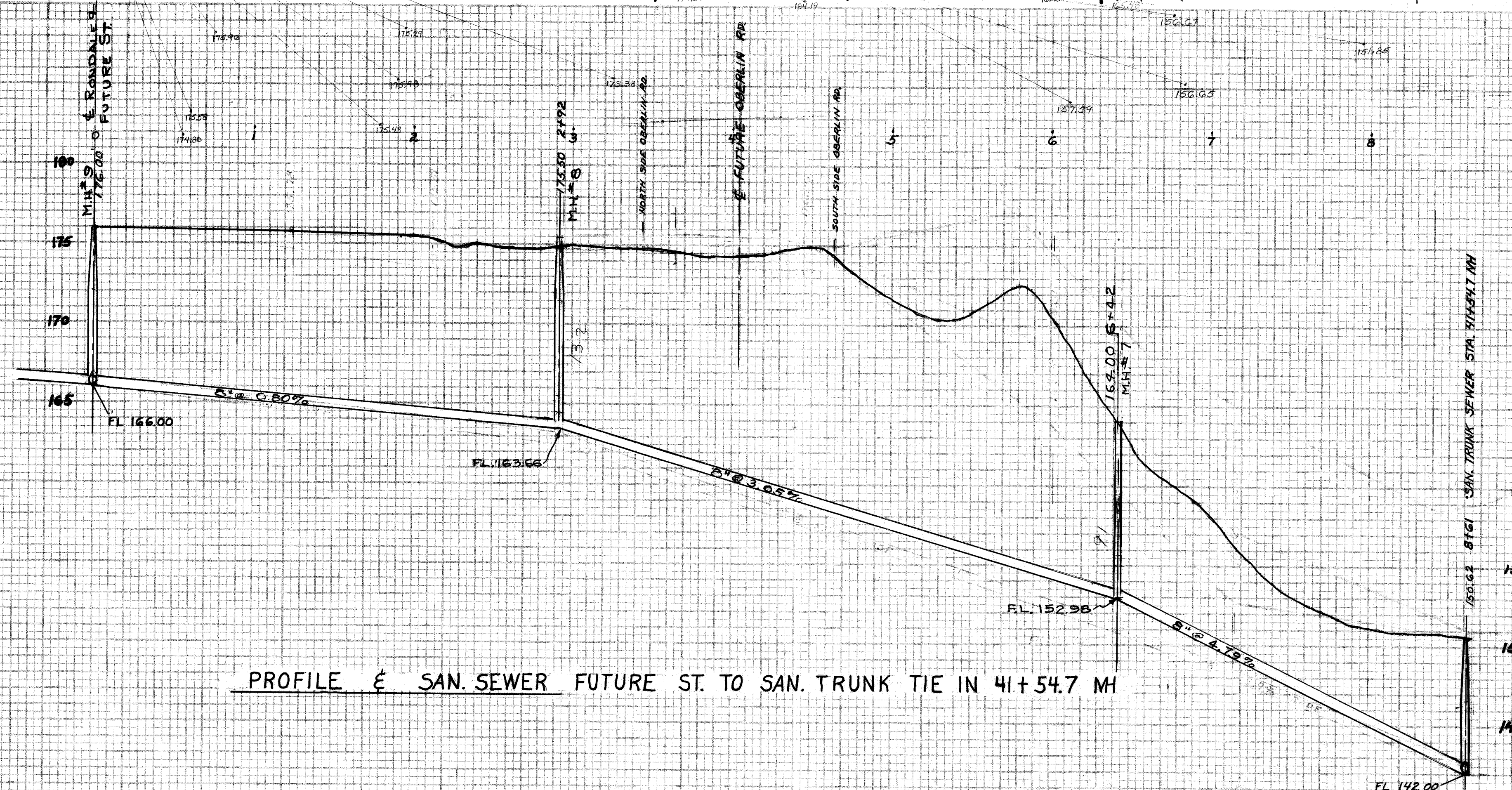
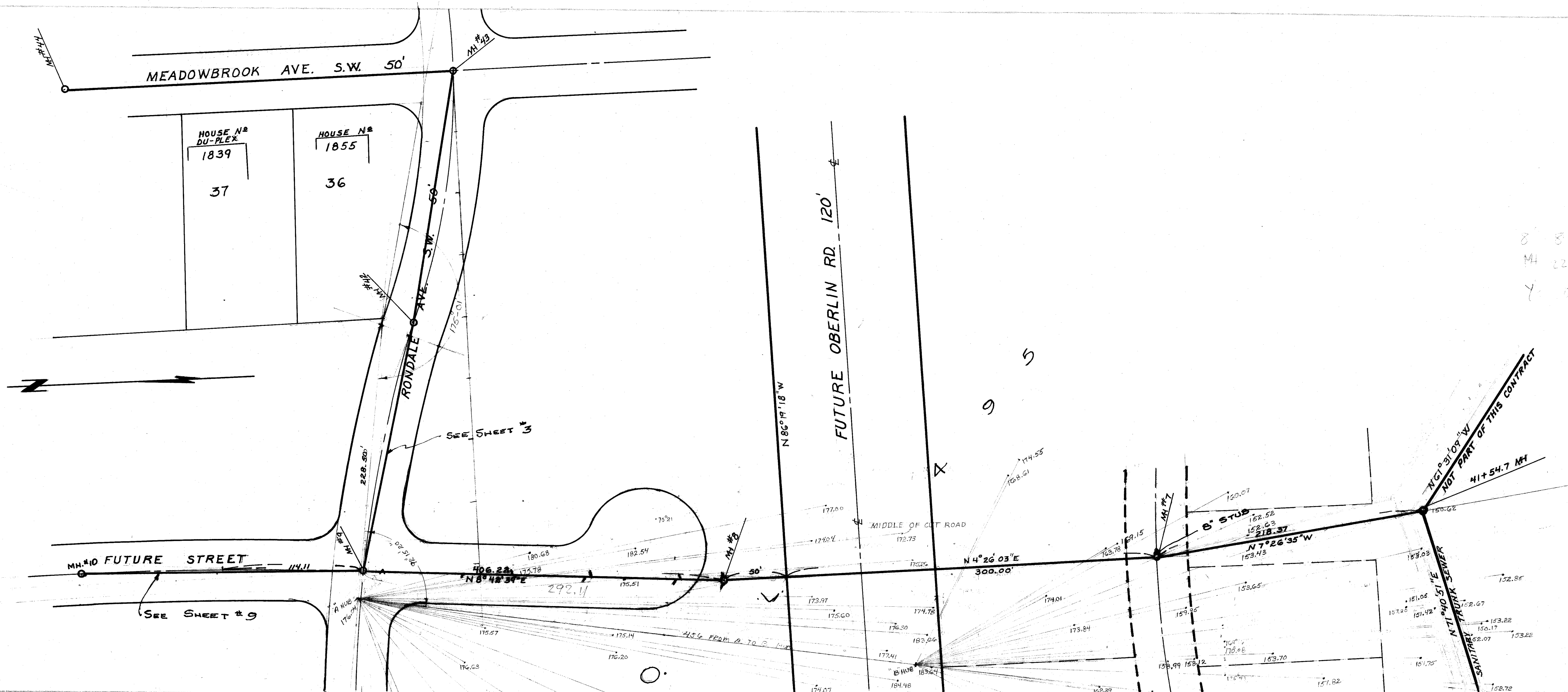
PROFILE OF FUTURE STREET

CITY OF MASSILLON, OHIO			
CONSTRUCT SANITARY SEWER			
PLAN & PROFILE		FUTURE STREET OFF CARLENE AVE. S.W.	
DR. BY RONNIE MCPHERSON		DEPT. OF PUBLIC SERVICE	
CITY ENG. ROBERT WAGONER		ENGINEERING DIVISION	
SHEET		9	
SCALE 1"=50 FT.			
VERT SCALE 1"=5'			

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1-22-70			T. K.

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PROFILE & SAN. SEWER FUTURE ST. TO SAN. TRUNK TIE IN 41+54.7 MH

CITY OF MASSILLON, OHIO	
PROPOSED SANITARY SEWER PLAN & PROFILE	
FROM FUTURE ST. TO SANITARY TRUNK	
DR BY RONNIE MCPHERSON	DEPT. OF PUBLIC SERVICE
CITY ENG.	ENGINEERING DIVISION
ROBERT WAGONER	
HORIZ. SCALE 1"=50'	12/31/69
VERT. SCALE 1"=5'	SHEET No 10

APP. 1-22-70 TK