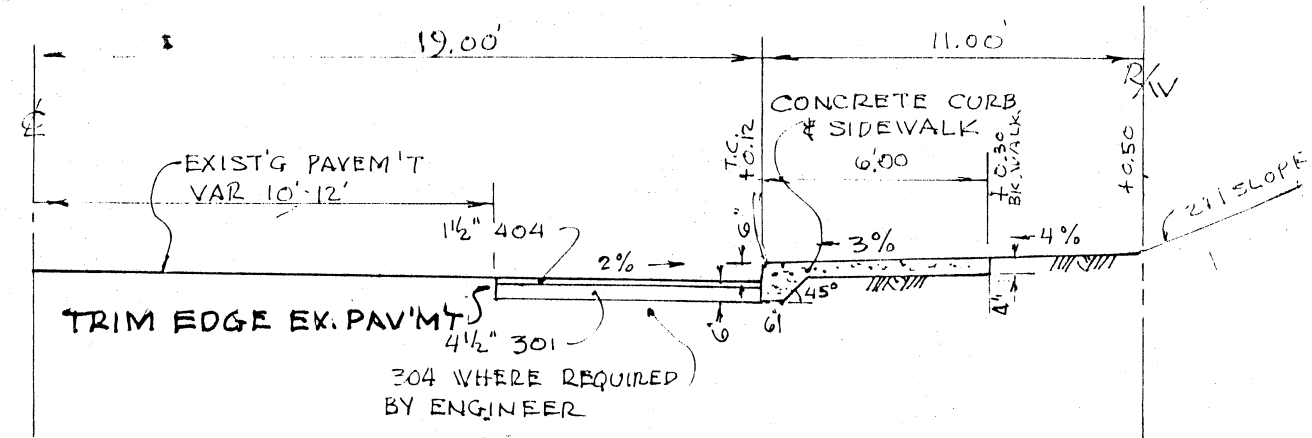
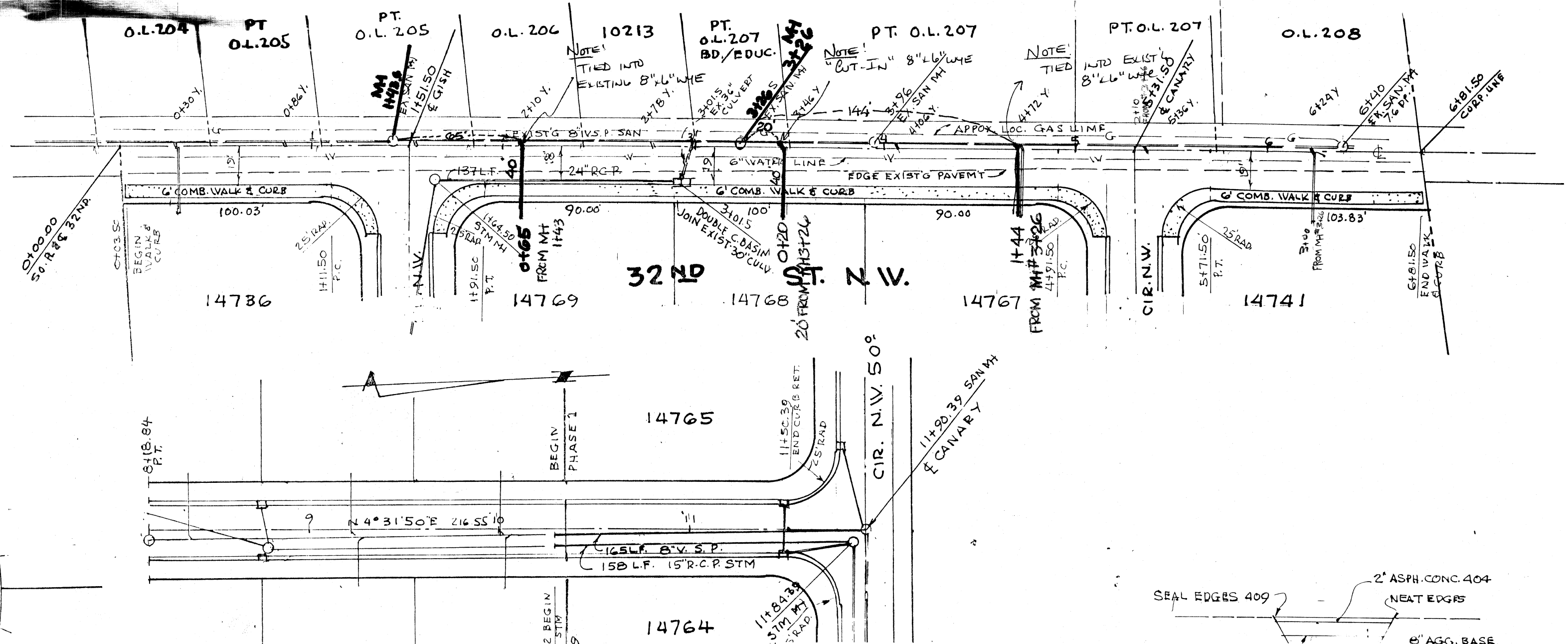


ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		



TYPICAL SECTION, CONC. WALK & CURB
SCALE 1"=5'



LOT #	DISTANCE FROM DOWNSIDE M.H. TO W.V.E.	DOWNSIDE M.H. ELEVATION AND RAILING	6" SERVICE LATERAL ELEVATION FROM EXISTING M.H. TO 6" LATERAL	DIFFERENCE IN ELEVATION FROM EXISTING M.H. TO 6" LATERAL	LENGTH OF 6" LATERAL
14752	131' @ N.H. LANE	16.62	11.85	4.77	20'
14757	134' @ N.H. LANE	16.62	11.80	4.82	12'
14758	48' @ N.H. #1	9.05 ; N.H. #1	7.00	2.05	32'
14755	12' @ N.H. #1	9.05 ; N.H. #1	8.10	.95	56'
14754	78' @ N.H. #1	9.05 ; N.H. #1	7.60	1.45	30'
14759	142' @ N.H. #1	11.56 ; N.H. #1	9.35	2.21	25'
14753	175' @ N.H. #1	13.58 ; N.H. #1	10.35	3.23	30'
14760	240' @ N.H. #1	13.58 ; N.H. #1	9.06	4.52	25'
14752	252' @ N.H. #1	13.58 ; N.H. #1	9.65	3.93	30'
14751	75' @ N.H. #2	15.68 ; N.H. #2	10.65	5.03	30'
14761	87' @ N.H. #2	15.68 ; N.H. #2	10.52	5.16	25'
14750	175' @ N.H. #2	20.05 ; N.H. #2	11.05	9.00	30'
14762	60' @ N.H. #3	15.41 ; N.H. #3	10.05	5.36	25'
14749	92' @ N.H. #3	18.17 ; N.H. #3	11.55	6.62	30'
14763	158' @ N.H. #3	22.37 ; N.H. #3	9.35	13.02	25'
14748	180' @ N.H. #3	24.75 ; N.H. #3	12.00	12.75	30'
14764	260' @ N.H. #3	20.00 ; N.H. #4	18.15	1.85	25'
14747	12' @ N.H. #4	20.00 ; N.H. #4	17.55	2.45	25'
14765	80' @ N.H. #4	19.88 ; N.H. #4	12.40	7.48	25'
14746	110' @ N.H. #4	20.85 ; N.H. #4	14.35	6.50	25'
14766	178' @ N.H. #4	25.75 ; N.H. #4	15.60	10.15	25'
14745	DIRECTLY @ N.H. #5	16.55 ; N.H. #5	15.65	.90	30'
14767	144' @ N.H. #5	14.61 ; N.H. #5	12.00	2.61	40'
14768	20' @ N.H. #5	11.75 ; N.H. #5	10.80	.95	40'
14769	65' @ N.H. #5	14.12 ; N.H. #5	13.02	1.10	40'

CITY OF MASSILLON, OHIO
CASTLE WEST ESTATES
 JORMAY LANE N.W., 32ND ST N.W.
 SCALE 1"=50' HOR, 1"=5' VER.
 MAY, 1992
 SCALE 1"=50' HOR, 1"=5' VER. ROBT F. WAGONER, ENG. SURVEYOR

FILE NO. P-340 ACC. NO 3149

CASTLE WEST CIR. N.W., SANITARY SEWER RECORD BOOK-

NOTE: ALL VYES 8"x6", ALL SANITARY SEWER LATERALS 6", END 5' INSIDE OF LOTS

CASTLE WEST CIR. N.W.
30' CURB TO CURB, 50' R.W.

32ND ST. N.W.

JORMAY LN. N.W.

LOT 14745: $\Delta = 7^{\circ}16'10"$, $T = 100.00$, $R = 1574.23$, $C = 199.60$, $L = 199.73$

LOT 14746: $\Delta = 3^{\circ}33'44"$, $C = 96.31$

LOT 14747: $\Delta = 3^{\circ}00'41"$, $C = 81.42$

LOT 14748: $\Delta = 3^{\circ}00'41"$, $C = 81.42$

LOT 14749: $\Delta = 3^{\circ}00'41"$, $C = 81.42$

LOT 14750: $\Delta = 3^{\circ}00'41"$, $C = 81.42$

LOT 14751: $\Delta = 3^{\circ}00'41"$, $C = 81.42$

LOT 14752: $\Delta = 3^{\circ}00'41"$, $C = 81.42$

LOT 14753: $\Delta = 3^{\circ}00'41"$, $C = 81.42$

LOT 14754: $\Delta = 3^{\circ}00'41"$, $C = 81.42$

LOT 14755: $\Delta = 3^{\circ}00'41"$, $C = 81.42$

LOT 14756: $\Delta = 3^{\circ}00'41"$, $C = 81.42$

LOT 14757: $\Delta = 3^{\circ}00'41"$, $C = 81.42$

LOT 14758: $\Delta = 3^{\circ}00'41"$, $C = 81.42$

LOT 14759: $\Delta = 3^{\circ}00'41"$, $C = 81.42$

CASTLE WEST ESTATES NO. 2

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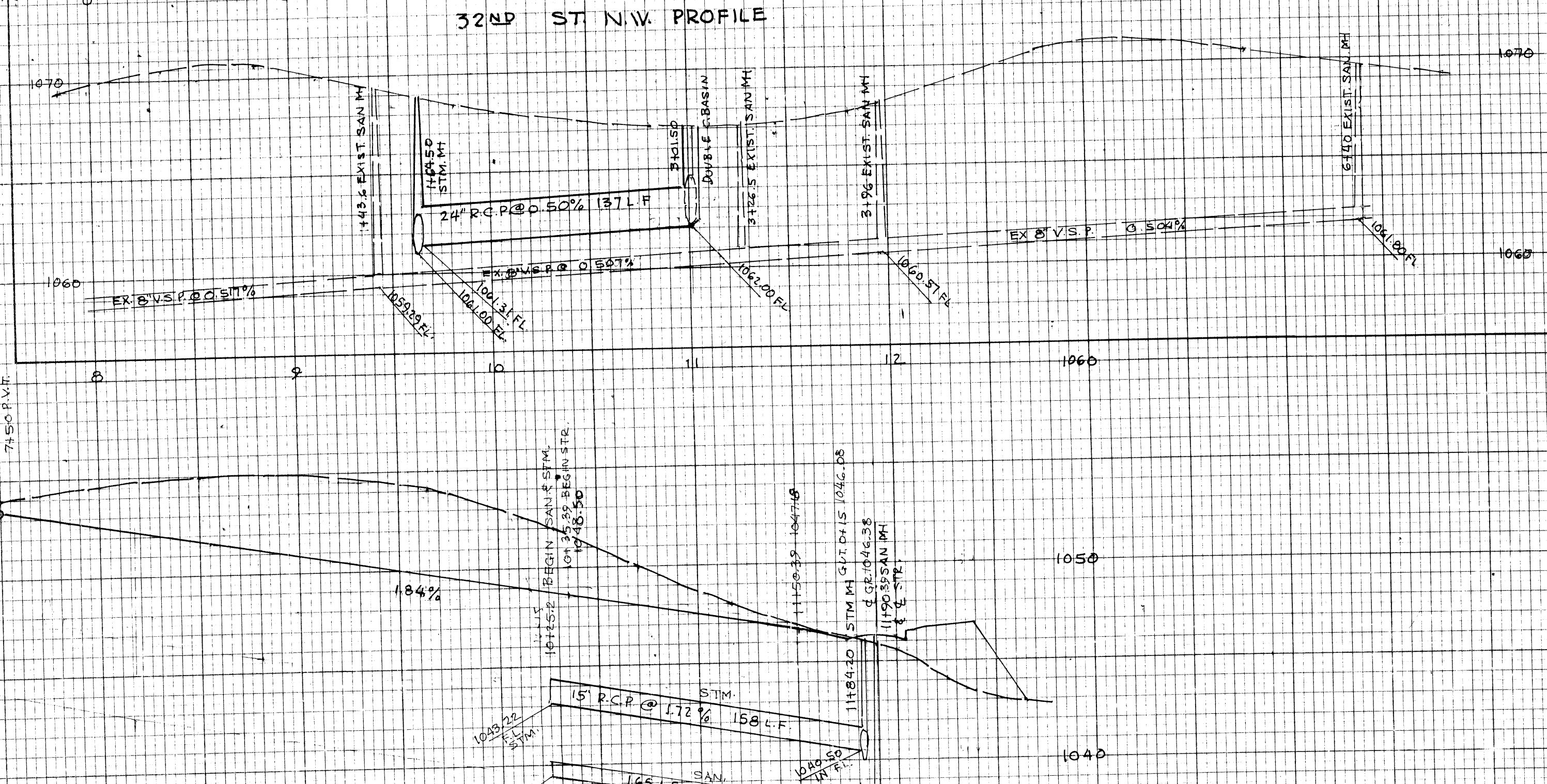
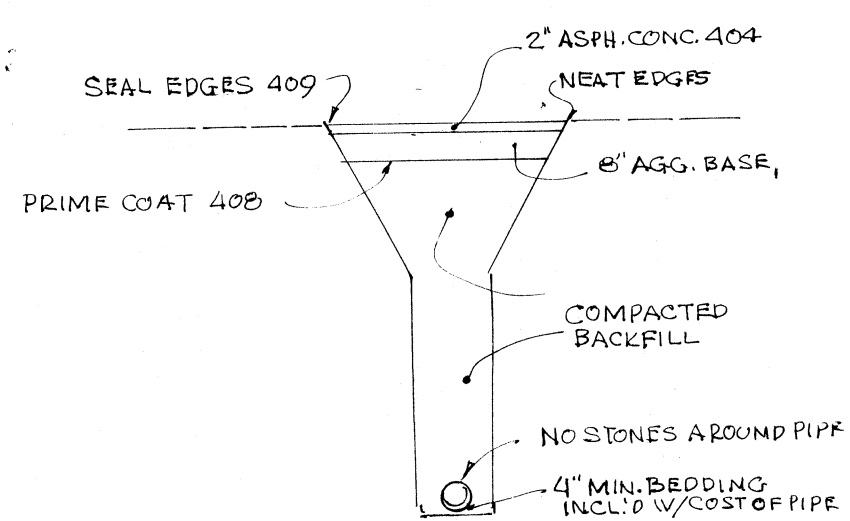
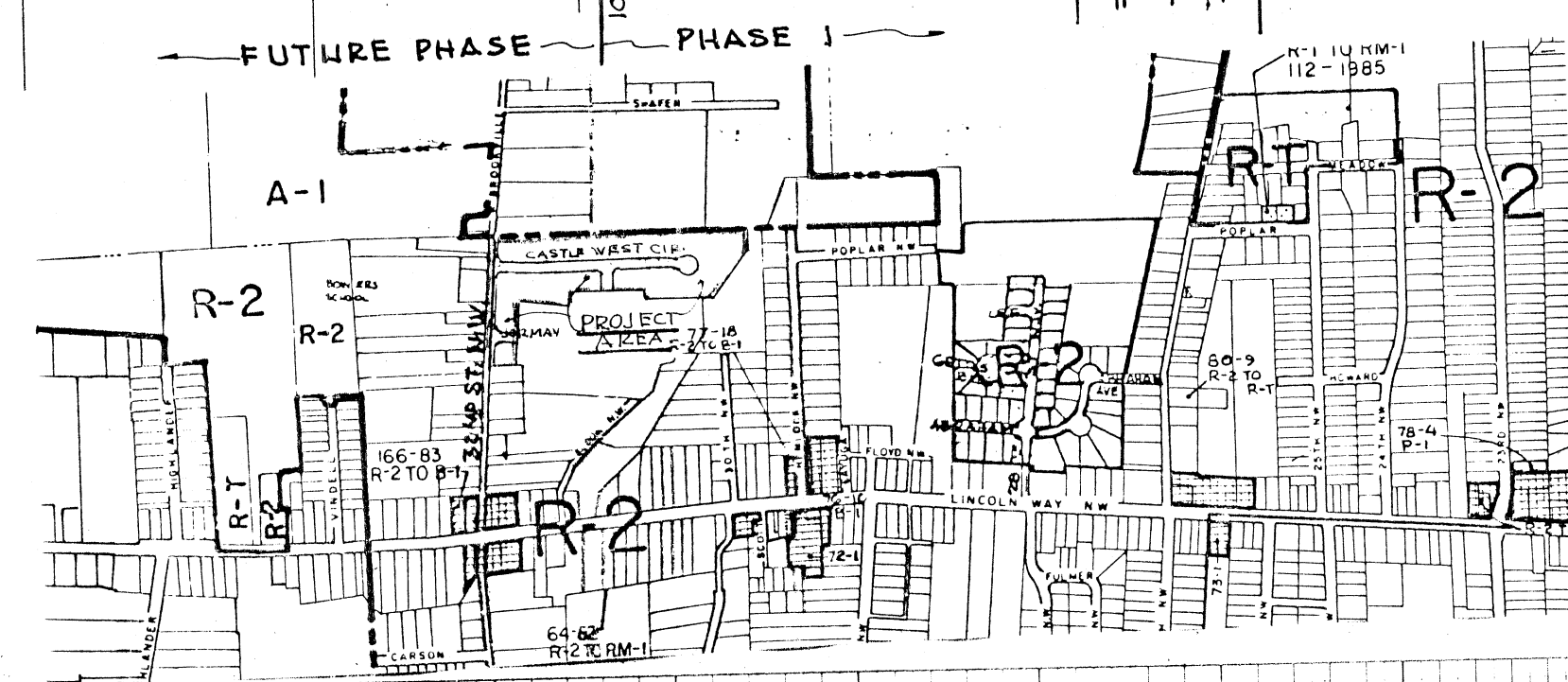
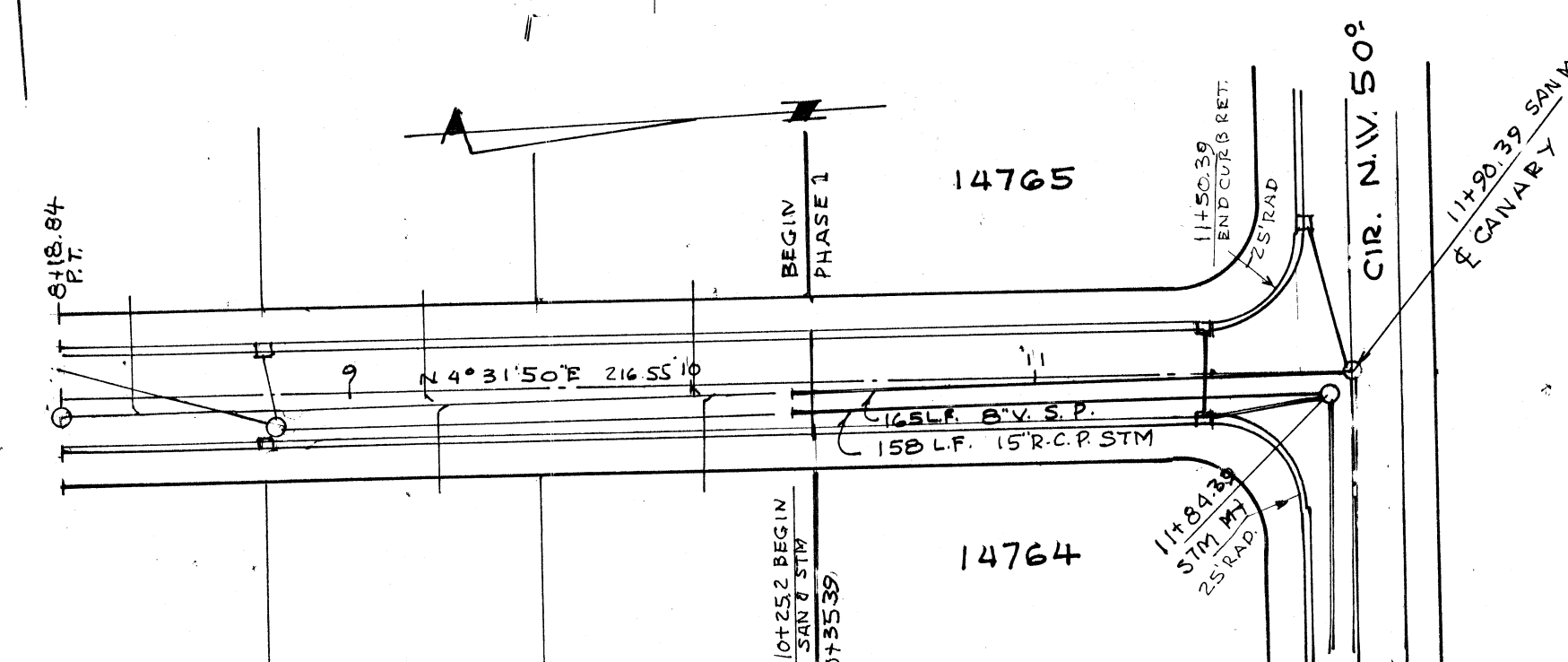
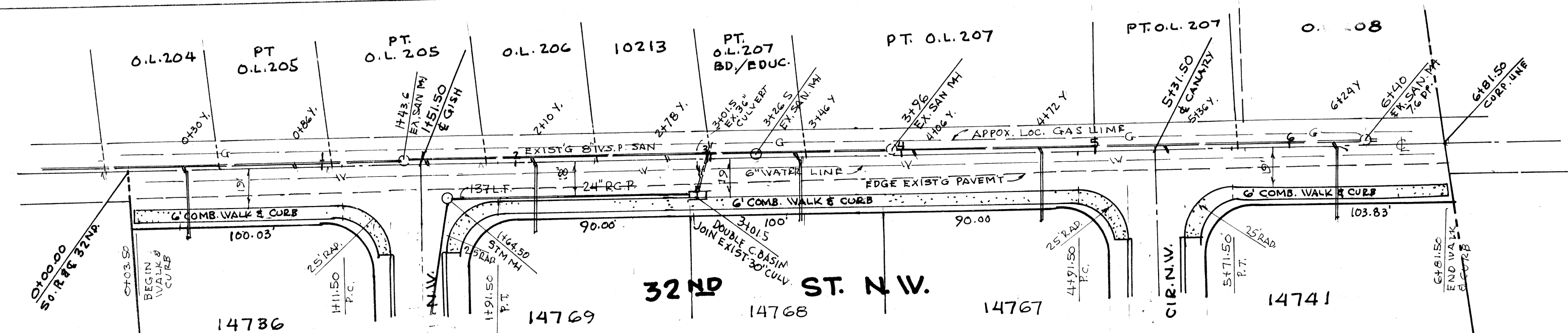
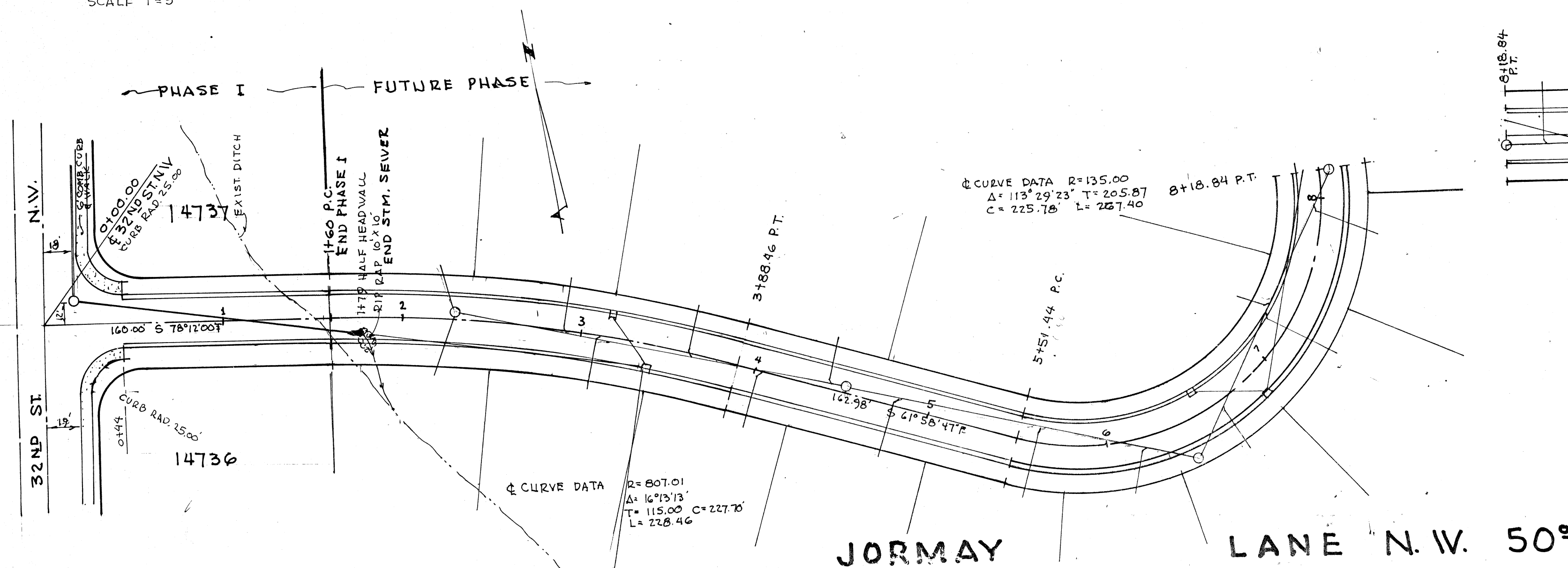
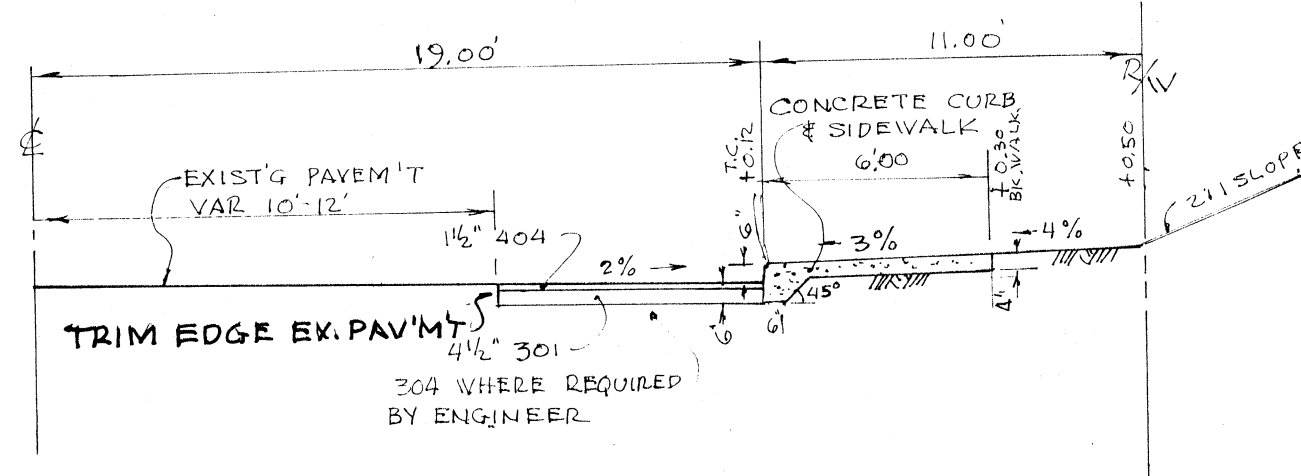
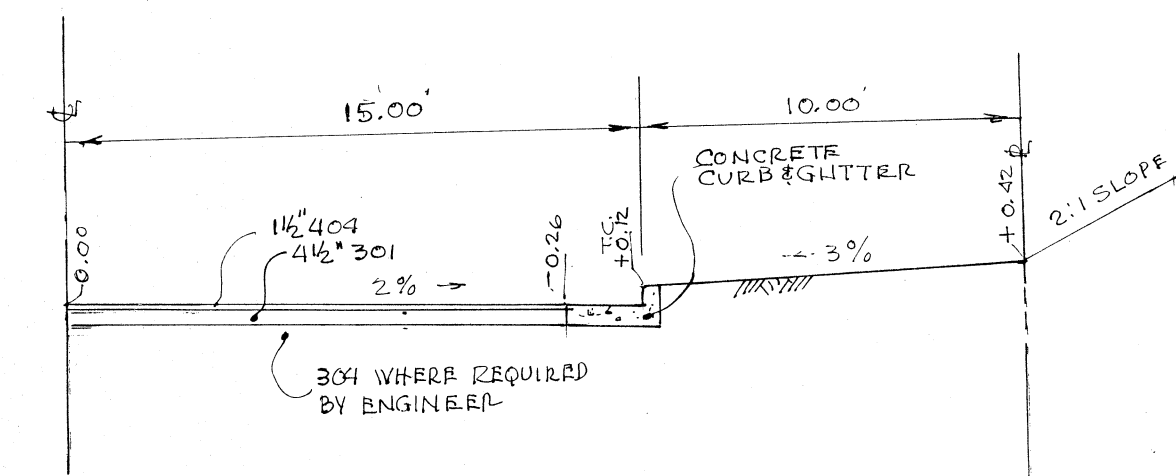
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ORIGINAL	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
NOTE BOOK		
NO.		AREAS CHECKED

CURVE DATA:
 $\Delta = 8^\circ 34' 28''$, $T = 75.00$ $R = 1000.45$
 $C = 149.58$ $L = 149.72$

CITY OF MARIETTA, OHIO
CASTLE WEST STATES No. 1 & 2
CASTLE WEST CIRCLE N.W.
 SCALE 1" = 50 HOR, 1" = 5 VER
 JUNE 1992
 ROBERT WAGONER, ENGINEER SURVEYOR

ORIGINAL	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
NOTE BOOK		



GENERAL NOTES:

ALL CONSTRUCTION TO BE CITY OF MASSILLON SPECIFICATIONS AND STANDARDS, AND THE LATEST ADDITION OF THE STATE OF OHIO DEPARTMENT OF TRANSPORTATION CONSTRUCTION AND MATERIAL SPECIFICATIONS.

A PRE CONSTRUCTION MEETING SHALL BE HELD WITH THE CONTRACTOR, SUB-CONTRACTORS, CITY ENGINEER, E.E.O. OFFICER.

THE E.E.O. OFFICER SHALL RECEIVE THE REQUIRED WEEKLY AND MONTHLY REPORTS ON THIS PROJECT.

THE CITY WILL FURNISH HORIZONTAL AND VERTICAL CONTROL. CONTRACTOR WILL PROVIDE HIS OWN CONSTRUCTION STAKING UNDER LUMP SUM ITEM.

TRENCHES SHALL BE PROPERLY COMPACTED. IN 32ND ST. THE CONTRACTOR SHALL MAINTAIN TEMPORARY REPAIRS ON DITCHES, INCLUDING DUST CONTROL. ALL TACK COATS & SEAL COATS SHALL BE INCLUDED IN ASPHALT REPAIR PRICES. ALL CUTS SHALL BE CLEAN, NEAT AND SHARP EDGES.

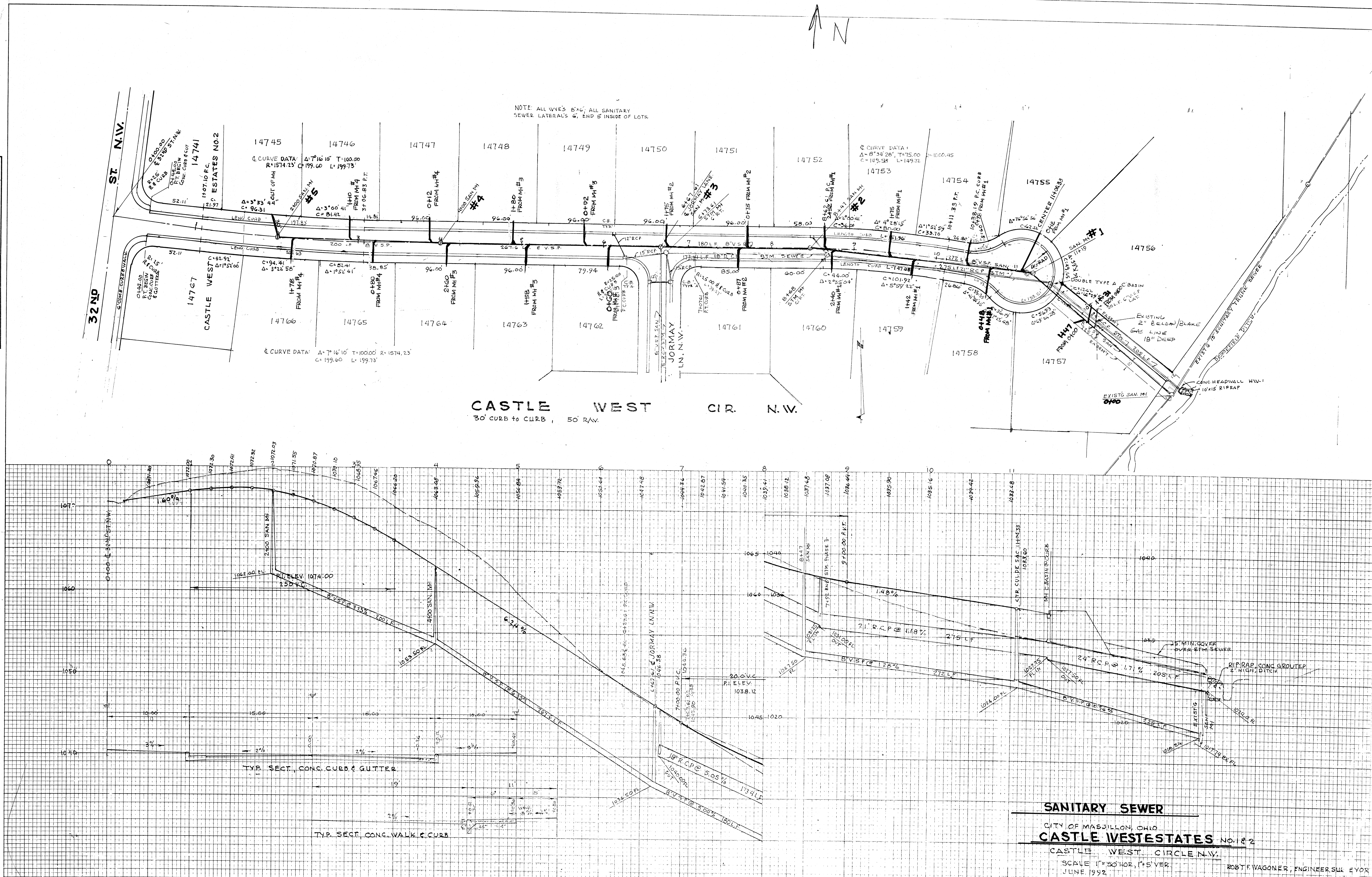
ALL COMPACTION OF SUBGRADE SHALL MEET ODOT'S SPECIFICATIONS. ALL MANHOLES SHALL BE PRECAST CONCRETE, SANITARY, WITH A MINIMUM OF 10" OF ADJUSTING RINGS ON TOP OF CONE.

FILLS, & SUBGRADE SHALL BE COMPACTED PER SPECIFICATIONS, IF UNSUITABLE, GRANULAR SO4 MAY BE ORDERED BY THE ENGINEER. BACKFILL OF TRENCHES SHALL BE AT OPTIMUM MOISTURE. COST OF COMPACTION SHALL BE INCLUDED IN THE PIPE ITEM PRICE.

CLOSING OF 32ND ST. N.W. SHALL BE KEPT TO A MINIMUM. NOTICE OF CLOSING SHALL BE GIVEN TO LOCAL NEWSPAPER.

CITY OF MASSILLON, OHIO
CASTLE WEST ESTATES
JORMAY LANE N.W.; 32ND ST. N.W.
SCALE 1"=50' HOR., 1"=5' VER.
MAY, 1992
SCALE 1"=50' HOR., 1"=5' VER.
ROBT F. WAGONER, ENG. SURVEYOR

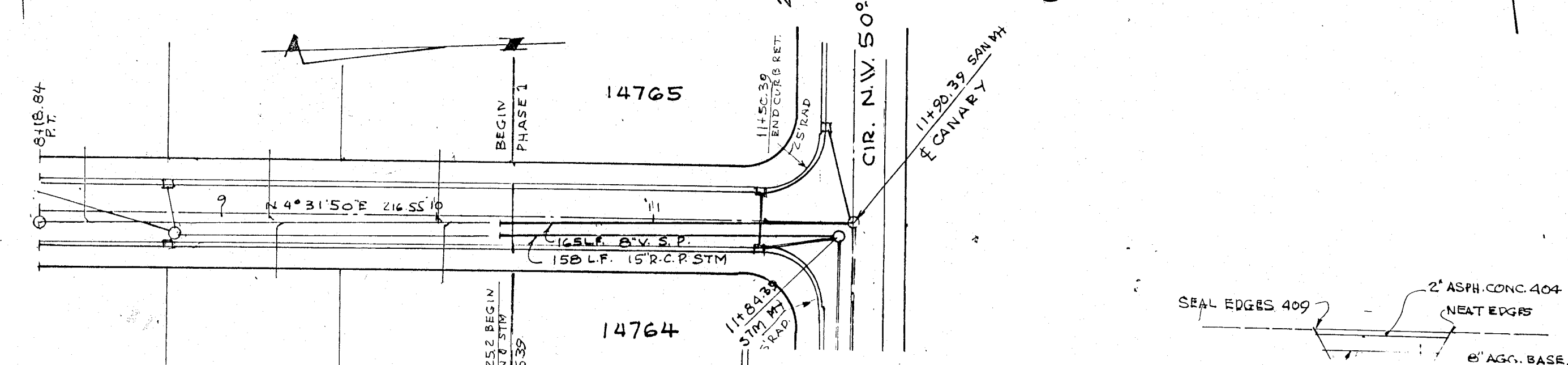
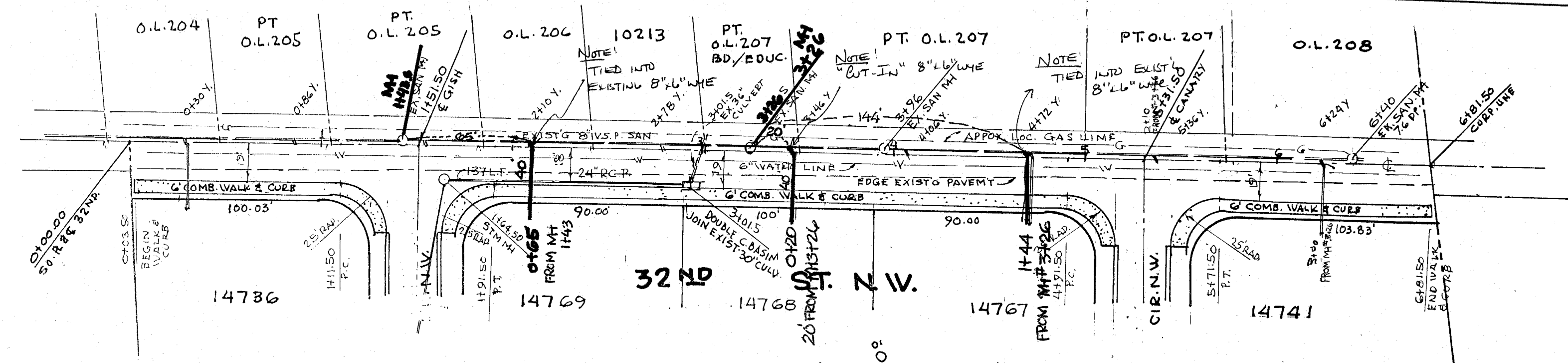
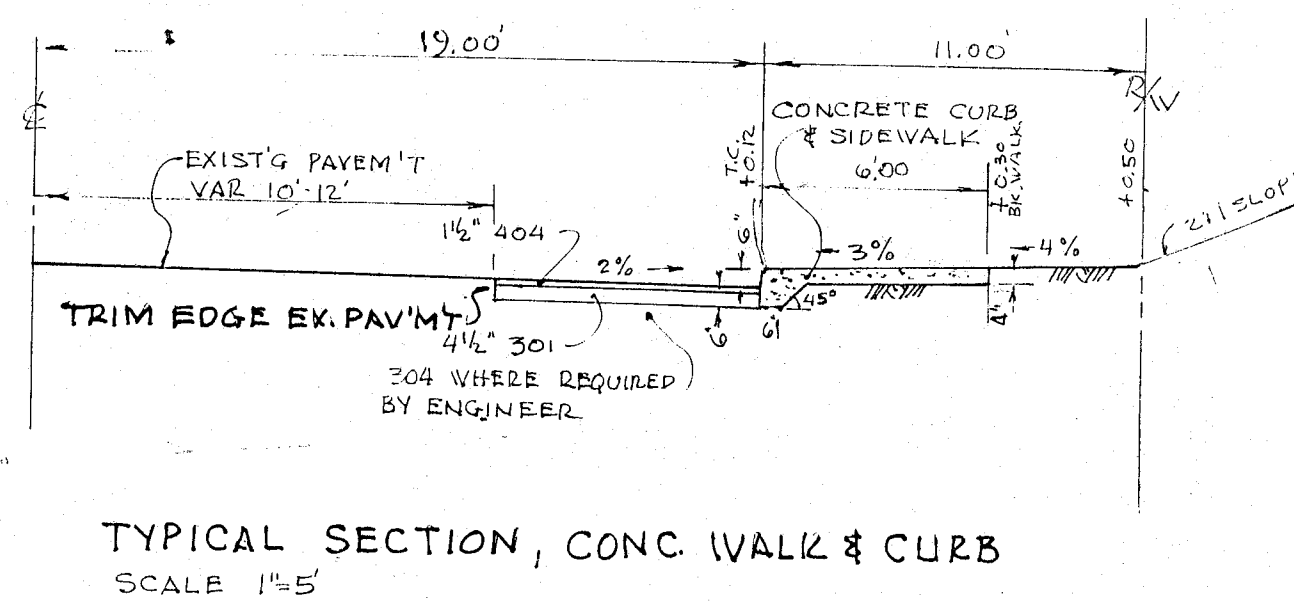
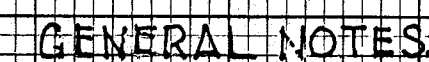
ORIGINAL	SURVEYED _____	BY _____	DATE _____
SURVEY	PLOTTED _____		
NOTE BOOK	TEMPLATE _____		
NO.	AREAS _____		
	AREAS CHECKED _____		



HIGHWAY FEDERAL AID SHEET
 PLATE 4-SINGLE PLAN AND CROSS SECTION-FULL LINE
 MCLELLANE
 PRINTED IN U.S.A.

FILE NO. P-340 ACC. NO 3149

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

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ALL CONSTRUCTION TO BE CITY OF MASSILLON SPECIFICATIONS AND STANDARDS, AND THE LATEST ADDITION OF THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, CONSTRUCTION AND MATERIAL SPECIFICATIONS.

A PRE CONSTRUCTION MEETING SHALL BE HELD WITH THE CONTRACTOR, SUB-CONTRACTORS, CITY ENGINEER, E.E.O. OFFICER. THE E.E.O. OFFICER SHALL RECEIVE THE REQUIRED WEEKLY AND MONTHLY REPORTS ON THIS PROJECT.

THE CITY WILL FURNISH HORIZONTAL AND VERTICAL CONTROL,
CONTRACTOR WILL PROVIDE HIS OWN CONSTRUCTION STAKING, UNDER
UMP 511.1 ITEM

TRENCHES SHALL BE PROPERLY COMPACTED. IN 32ND ST. THE CONTRACTOR SHALL MANTAIN TEMPORARY REPAIRS ON DITCHES, INCLUDING DUST CONTROL. ALL TACK COATS & SEAL COATS SHALL BE INCLUDED IN ASPHALT REPAIR PRICES. ALL CUTS SHALL BE CLEAN, NEAT AND SHARP EDGES.

ALL CONSTRUCTION OF SUBGRADE SHALL MEET ODOT'S SPECIFICATIONS
ALL MANHOLES SHALL BE PRECAST CONCRETE, SANITARY, WITH A
MINIMUM OF 10' OF ADJUSTING RINGS ON TOP OF CURE.

FILLS & SUBGRADE SHALL BE COMPACTED PER SPECIFICATIONS.
IF UNDESIRABLE GRANULAR, 304 MAY BE ORDERED BY THE ENGINEER.
BASE & FILLING SHALL BE AT OPTIMUM MOISTURE. COST OF
CIPED 24" SHALL BE INCLUDED IN THE PIPE ITEM PRICE.

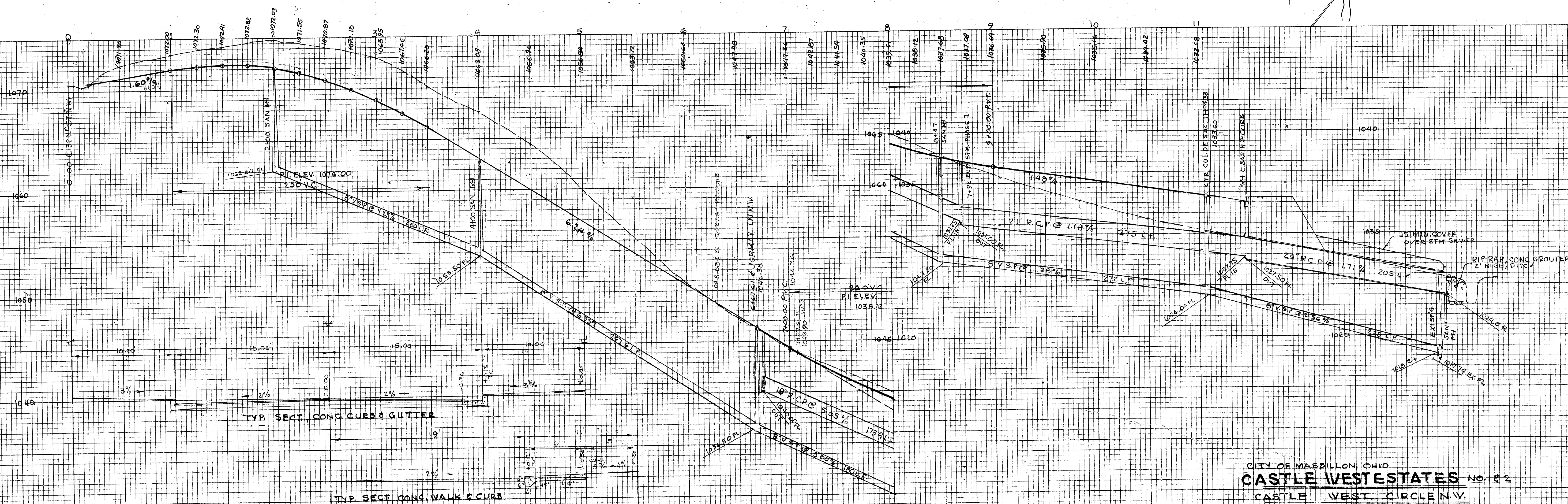
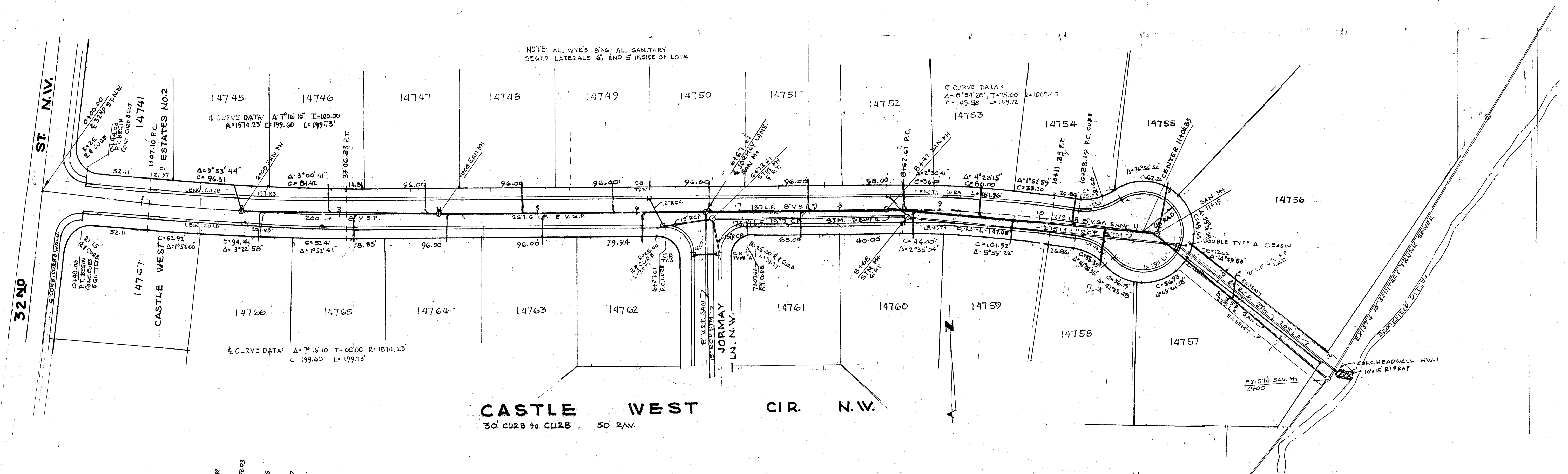
CLOSING OF 32ND ST. NW. SHALL BE KEPT TO A MINIMUM. NOTICE OF CLOSING SHALL BE GIVEN TO LOCAL NEWSPAPER.

CITY OF MASSILLON, OHIO
CASTLE WEST ESTATES
JORMAY LANE N.W., 32ND ST. N.W.

SCALE 1"=50' HOR, 1"=5' VER.
MAY, 1992
SCALE 1"=50' HOR, 1"=5' VER.

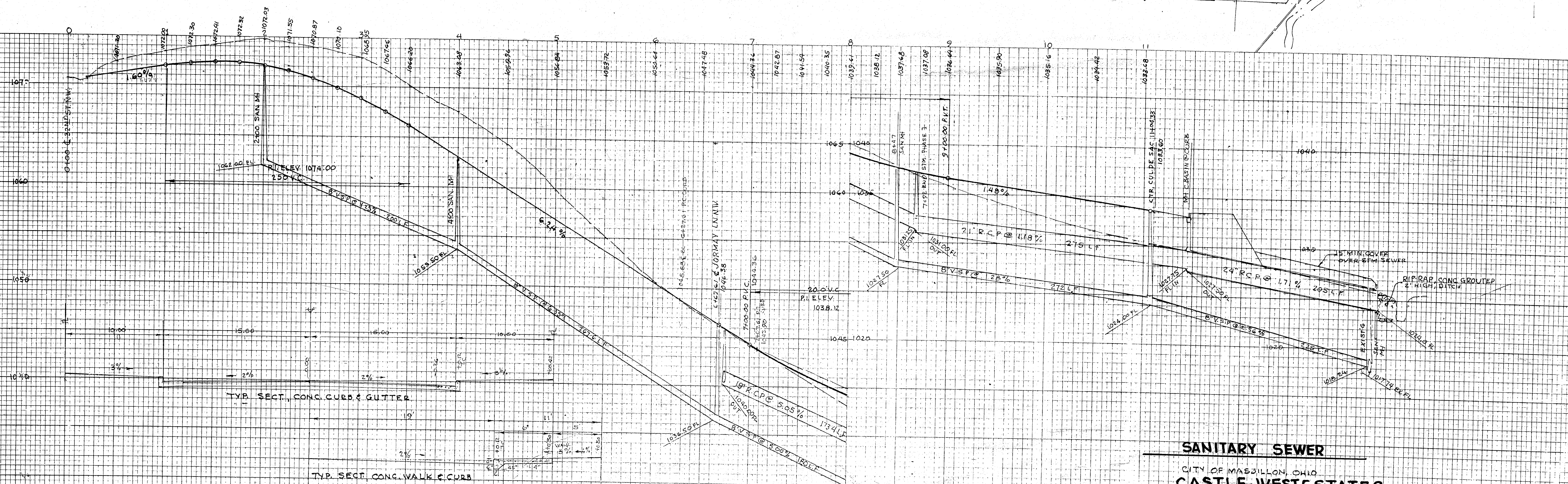
ROBT F. WAGONER, ENG SURVEYOR

FINAL SURVEY		BY		DATE	
			SURVEYED		
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			TEMPLATE		
NOTE BOOK			AREAS		
NO.			AREAS CHECKED		

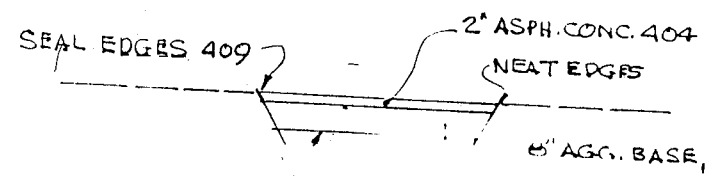
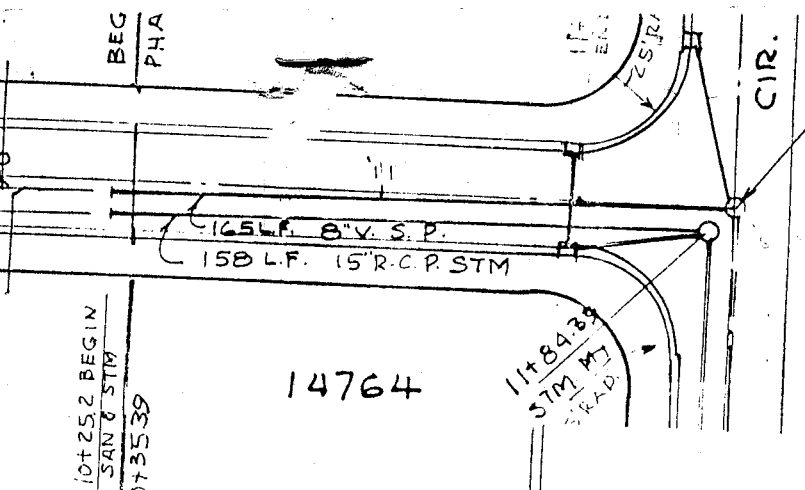


SCALE 1"=50 HOR, 1"=5 VER. ROBT F. WAGONER, ENGINEER SURVEYOR
JUNE 1992

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



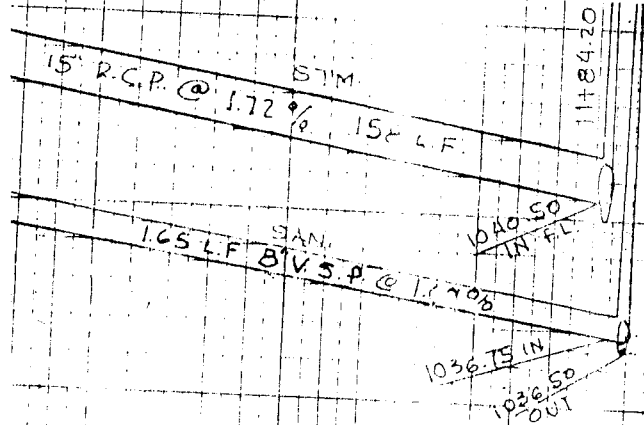
ROBT F WAGONER, ENGINEER, SUE EYOR



CASTLE WEST

SANITARY SERVICE LOCATIONS

LOT #	DISTANCE FROM "DOWNSIDE" M.H. TO WYE	EXISTING M.H. HOLES FLOWLINE ROD READING	6" SERVICE LINE FLOWLINE ROD READING	DIFFERENCE IN ELEVATION FROM DOWNSIDE M.H. TO 6" UNIT	LENGTH OF 6" LINEAL
14756	131' @ M.H. EXIST.	16.62	11.85	4.77	20'
14757	134' @ M.H. EXIST.	16.62	11.80	4.82	12'
14758	40' @ M.H.#1	9.05 ; M.H.#1	7.00	2.05	32'
14755	12' @ M.H.#1	9.05 ; M.H.#1	8.10	.95	56'
14754	78' @ M.H.#1	9.05 ; M.H.#1	7.60	1.45	30'
14759	142' @ M.H.#1	11.56 ; M.H.#1	9.35	2.21	25'
14753	175' @ M.H.#1	13.58 ; M.H.#1	10.35	3.23	30'
14760	240' @ M.H.#1	13.58 ; M.H.#1	9.06	4.52	25'
14752	252' @ M.H.#1	13.58 ; M.H.#1	9.65	3.93	30'
14751	75' @ M.H.#2	15.68 ; M.H.#2	10.65	5.03	30'
14761	87' @ M.H.#2	15.68 ; M.H.#2	10.52	5.16	25'
14750	175' @ M.H.#2	20.05 ; M.H.#2	14.05	9.00	30'
14762	60' @ M.H.#3	15.41 ; M.H.#3	10.05	5.36	25'
14749	92' @ M.H.#3	18.17 ; M.H.#3	11.55	6.62	30'
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14748	180' @ M.H.#3	24.75 ; M.H.#3	12.00	12.75	30'
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14747	12' @ M.H.#4	20.00 ; M.H.#4	17.55	2.45	25'
14765	80' @ M.H.#4	19.88 ; M.H.#4	12.40	7.48	25'
14746	110' @ M.H.#4	20.85 ; M.H.#4	14.35	6.50	25'
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14745	DIRECTLY @ M.H.#5	16.55 ; M.H.#5	15.65	.90	30'
14767	144' @ M.H. STA 3+26	14.61	12.00	2.61	40'
14768	20' @ M.H. STA 3+26	11.75	10.80	.95	40'
14769	65' @ M.H. STA 1+43	14.12	13.02	1.10	40'



CITY OF MASSILLON, OHIO CASTLE WEST ESTATES

JORMAY LANE N.W., 32ND ST. N.W.

SCALE 1"=50' HOR, 1"=5' VER.
MAY, 1992

SCALE 1"=50' HOR, 1"=5' VER.

ROBT F. WAGONER, ENG, SURVEYOR