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CITY OF MASSILLON, OHIO

AMHERST ROAD N. E.

WIDENING & CONC. PAVING

GENERAL NOTES

REMOVAL OF TREES AND STUMPS

ALL TREES AND STUMPS SPECIFICALLY MARKED FOR REMOVAL WITHIN THE CONSTRUCTION LIMITS OF THIS PROJECT SHALL BE REMOVED UNDER THE LUMP SUM PRICE BID FOR ITEM 201 CLEARING AND GRUBBING.

THE CITY OF MASSILLON RESERVES THE RIGHT TO ORDER THE REMOVAL OF ADDITIONAL TREES OR STUMPS OUTSIDE OF THE LIMITS OF CONSTRUCTION BUT WITHIN THE RIGHT-OF-WAY AND OR EASEMENT LINES. PAYMENT FOR THE REMOVAL OF THESE ADDITIONAL TREES OR STUMPS SHALL BE INCLUDED IN THE LUMP SUM PRICE BID FOR 201 CLEARING AND GRUBBING.

UNDERGROUND UTILITIES

THE LOCATION OF THE UNDERGROUND UTILITIES SHOWN ON THE PLANS HAVE BEEN OBTAINED BY DILIGENT FIELD CHECKS AND SEARCHES OF AVAILABLE RECORDS. IT IS BELIEVED THAT THEY ARE ESSENTIALLY CORRECT, BUT THE CITY OF MASSILLON DOES NOT GUARANTEE THEIR ACCURACY OR COMPLETENESS.

ESTIMATED QUANTITIES

SPECIFIC LOCATIONS AND USAGE OF ESTIMATED QUANTITIES SET UP ON THESE PLANS TO BE USED "AS DIRECTED BY THE ENGINEER" SHALL BE MADE A MATTER OF RECORD BY INCORPORATION INTO THE FINAL CHANGE ORDER GOVERNING COMPLETION OF THIS PROJECT.

SEEDING

QUANTITIES FOR SEEDING ARE CALCULATED FOR THE SOIL AREAS BETWEEN LINES THREE (3) FEET OUTSIDE THE WORK LIMITS, OR THE RIGHT-OF-WAY LINE IF SUCH LINE IS LESS THAN THREE (3) FEET FROM THE WORK LIMITS.

CONNECTION TO EXISTING PIPE

AT PLACES WHERE THE PLANS PROVIDE FOR PROPOSED PIPE TO BE CONNECTED TO EXISTING PIPE IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE THE EXISTING PIPE BOTH AS TO LINE AND GRADE BEFORE HE STARTS TO LAY THE PROPOSED PIPE. THE COST OF THIS OPERATION SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE PERTINENT 603 CONDUIT ITEM.

MAINTENANCE OF SEWER FLOWS

THE CONTRACTOR SHALL CONDUCT HIS OPERATIONS SO AS TO MAINTAIN AT ALL TIMES SEWER FLOWS THROUGH EXISTING FACILITIES TO REMAIN IN PLACE AND THROUGH EXISTING FACILITIES TO BE REPLACED UNTIL NEW FACILITIES ARE COMPLETED AND PLACED INTO USE.

PAYMENT FOR ANY ADDITIONAL COST INVOLVED IN MAINTAINING THESE FLOWS BY PUMPING OR BY ANY OTHER MEANS APPROVED BY THE ENGINEER SHALL BE INCLUDED IN THE UNIT PRICES BID FOR THE RESPECTIVE ITEMS OF 603 CONDUIT.

REMOVAL OF EXISTING PIPE

ALL EXISTING STORM SEWER PIPES TO BE ABANDONED SHALL BE REMOVED, PROPERLY COMPACTED, COST TO BE INCLUDED IN 603 CONDUIT ITEM.

TRAFFIC

TRAFFIC SHALL BE MAINTAIN TO AMHERST SHOPPING CENTER AT ALL TIMES. ONE MEANS OF TWO-WAY TRAFFIC TO DRIVEWAYS AT STA. 4+75 & STA. 7+50 SHALL BE OPEN AT ALL TIMES. ONE-WAY TRAFFIC TO THE AREA FOR EMERGENCY VEHICLES & ACCESS TO PROPERTIES MUST BE MAINTAINED AT ALL TIMES. THROUGH TRAFFIC SHALL BE DETOURED, BUT DETOURING TIME SHALL BE KEPT TO A MINIMUM. IF PROJECT IS SHUT DOWN FOR THE WINTER A MEANS OF TWO-WAY TRAFFIC SHALL BE MAINTAINED. THE CONTRACTOR SHALL MAINTAIN DUST CONTROL. CONTRACTOR SHALL PROVIDE BARRICADES, FLASHERS AND DETOUR SIGNS.

BACKFILL

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. CONTRACTOR SHALL PAY THE CITY'S INSPECTORS FOR ALL WORK BEFORE 8:00 A.M. AND AFTER 4:30 P.M. MONDAY THUR. FRIDAY. ALL HOURS ON SATURDAY, SUNDAY OR HOLIDAYS AT TIME AND ONE HALF THE RATE IN THE CITY'S WAGES ORDINANCE THAT IS IN EFFECT.

CONCRETE TEST

CONTRACTOR SHALL PROVIDE CYLINDERS FOR CONCRETE TEST. THESE CYLINDERS SHALL BE TAKEN FOR EACH DAYS POUR AND INTERMEDIATE LOAD OF CONCRETE AS DIRECTED BY THE ENGINEER. CONTRACTOR SHALL BEAR THE EXPENSE OF TESTING THE CYLINDERS.

BID ITEMS

BID ITEMS TO BE USED ONLY AT ENGINEER'S DIRECTION: GRAVEL BACKFILL IN TRENCHES, NEW MANHOLE FRAMES & COVERS ON EXIST. STRUCTURES. SUB-BASE AGGREGATE & REBUILD MANHOLES. SALVAGE TOP SOIL WHERE POSSIBLE. GRADING QUANTITIES: CUT CALCULATED TO FIN. SURFACE, FILL CALC'D. OUTSIDE ROADWAY TO FIN. SURFACE, FILL IN ROADWAY INCULDED IN SUB-BASE ITEM. CUT FOR SUB-BASE SHALL BE INCLUDED IN COST FOR SUB-BASE.

MASSILLON CITY STANDARD

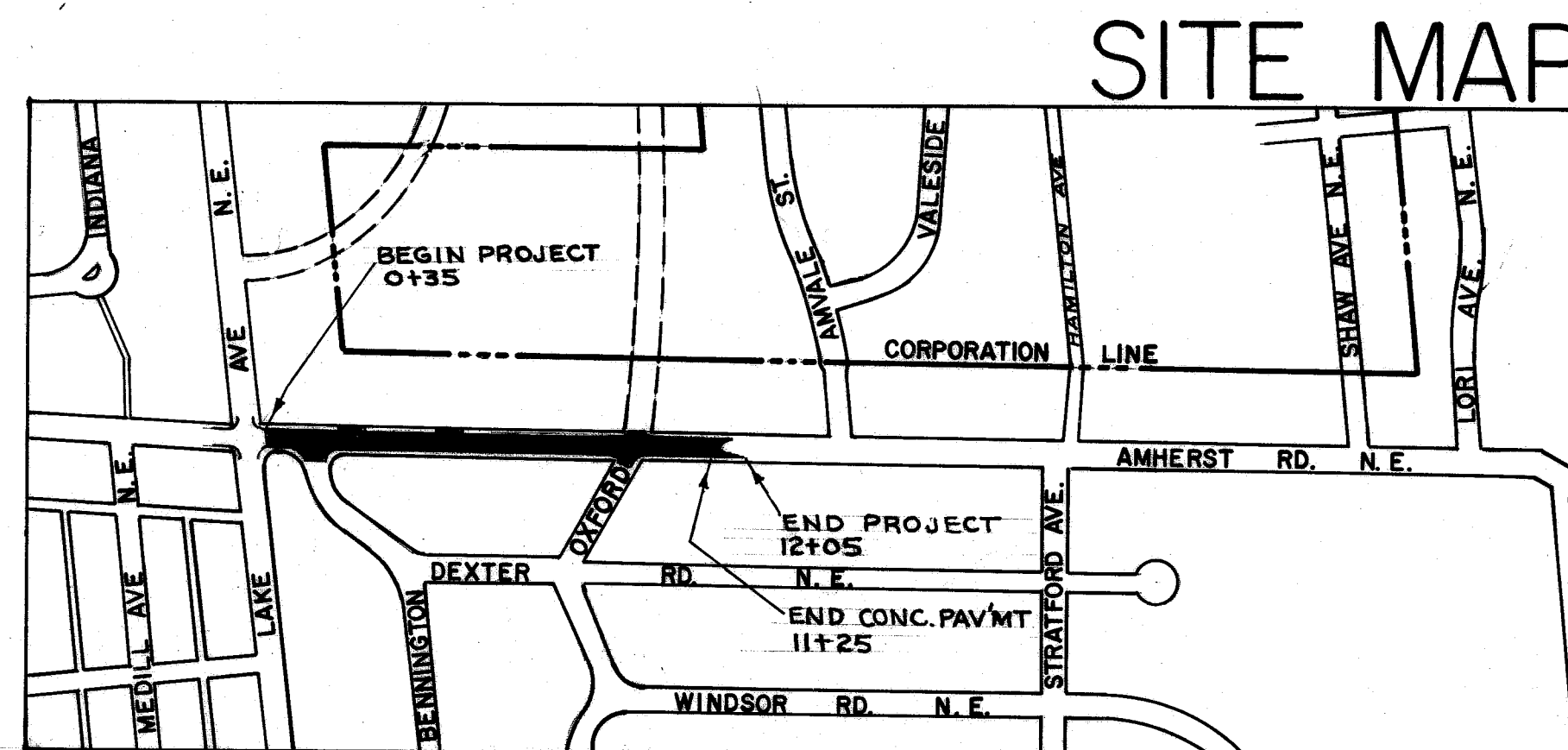
ARE HEREIN INCLUDED AS PART OF THIS CONTRACT REFER TO M-578 MANHOLE AND CATCH BASIN CASTINGS, M-581 MANHOLE AND CATCH BASIN AND P-294 CONSTRUCTION DETAIL, PAVEMENT JOINTS & SECTION.

GEN. NOTES
(CONT. ON SHEET - 1)

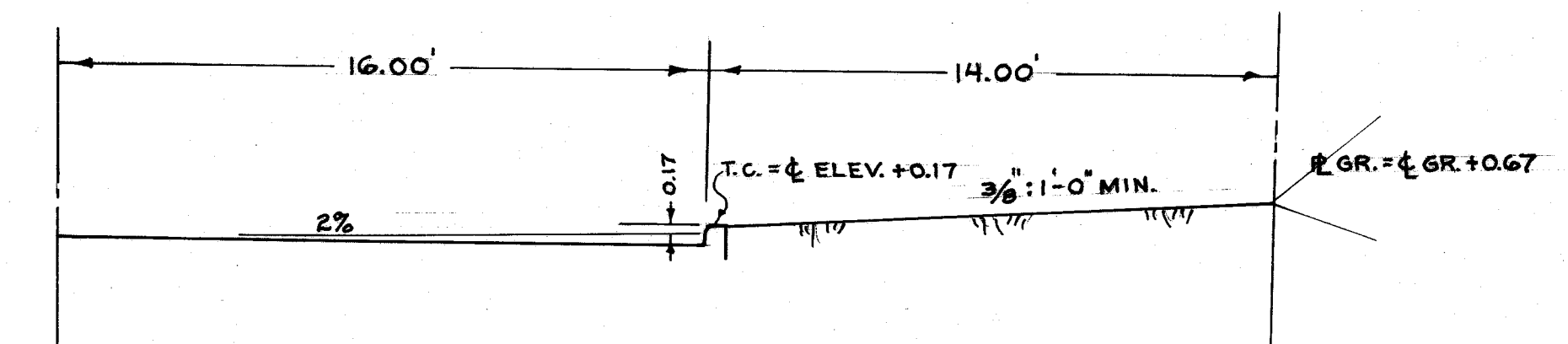
1973 SPECIFICATIONS

THE STANDARD SPECIFICATIONS OF THE CITY OF MASSILLON, OHIO DEPT. OF PUBLIC SERVICE ENGINEERING DIVISION, INCLUDING CHANGES AND SUPPLEMENTAL SPECIFICATIONS LISTED IN THE PROPOSAL SHALL GOVERN THIS IMPROVEMENT.
THE RIGHT-OF-WAY FOR THIS IMPROVEMENT WILL BE PROVIDED BY THE CITY OF MASSILLON.

CITY ENGINEER-----ROBERT WAGONER
SAFETY SERVICE DIR.-----BLASE SPARMA
MAYOR-----MARK ROSS



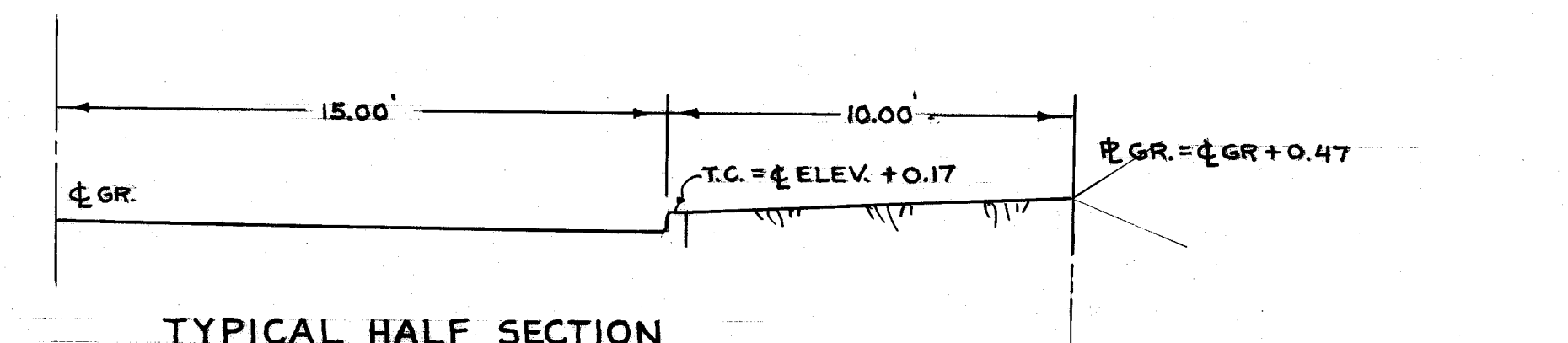
SCALE 1" = 400'



TYPICAL HALF SECTION

DEXTER RD. N.E.

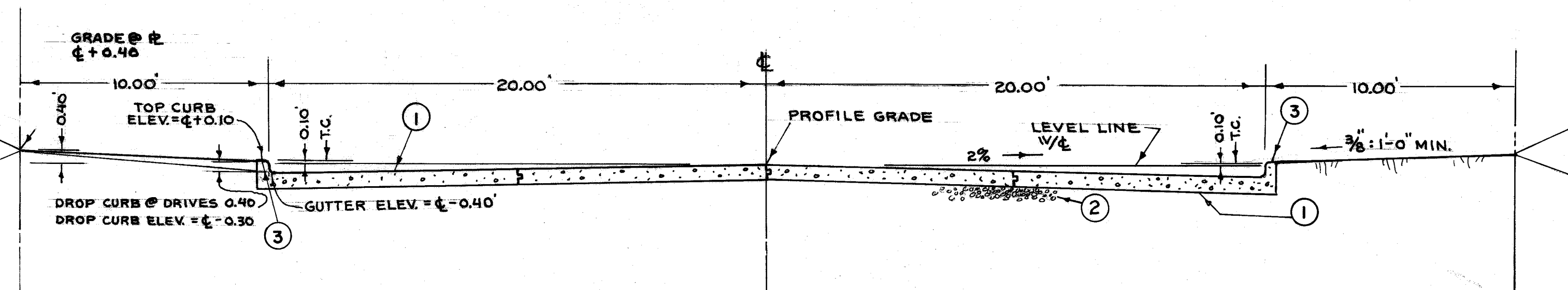
SCALE 1/4" = 1'-0"



TYPICAL HALF SECTION

OXFORD AVE. N.E.

SCALE 1/4" = 1'-0"

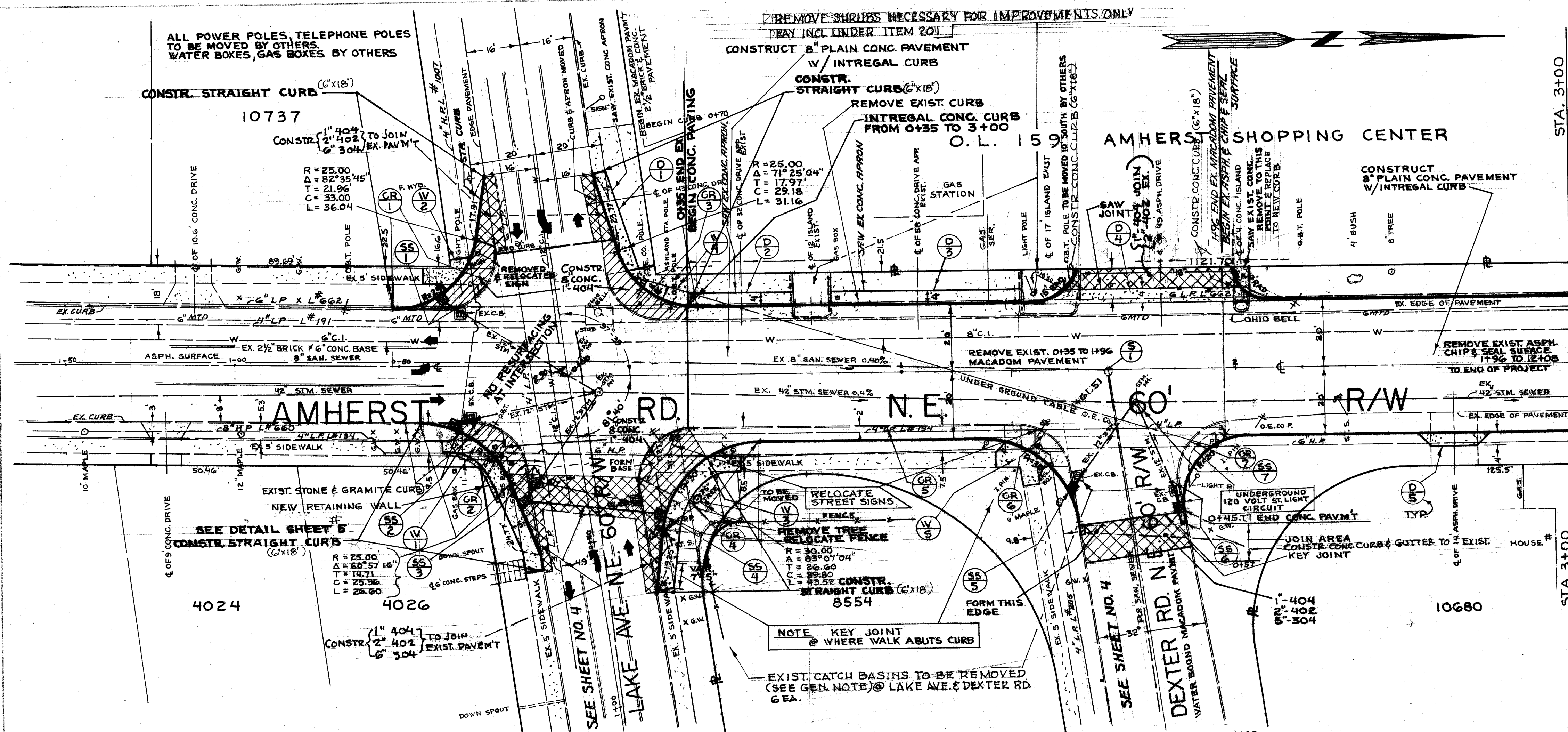


TYPICAL SECTION

AMHERST RD. N.E.

SCALE 1/4" = 1'-0"

- ① ITEM-452-8" CONCRETE
- ② ITEM-304-4" AGGREGATE BASE WHERE REQUIRED BY ENGINEER
- ③ ITEM-603-6" INTEGRAL CURB



ESTIMATED QUANTITIES

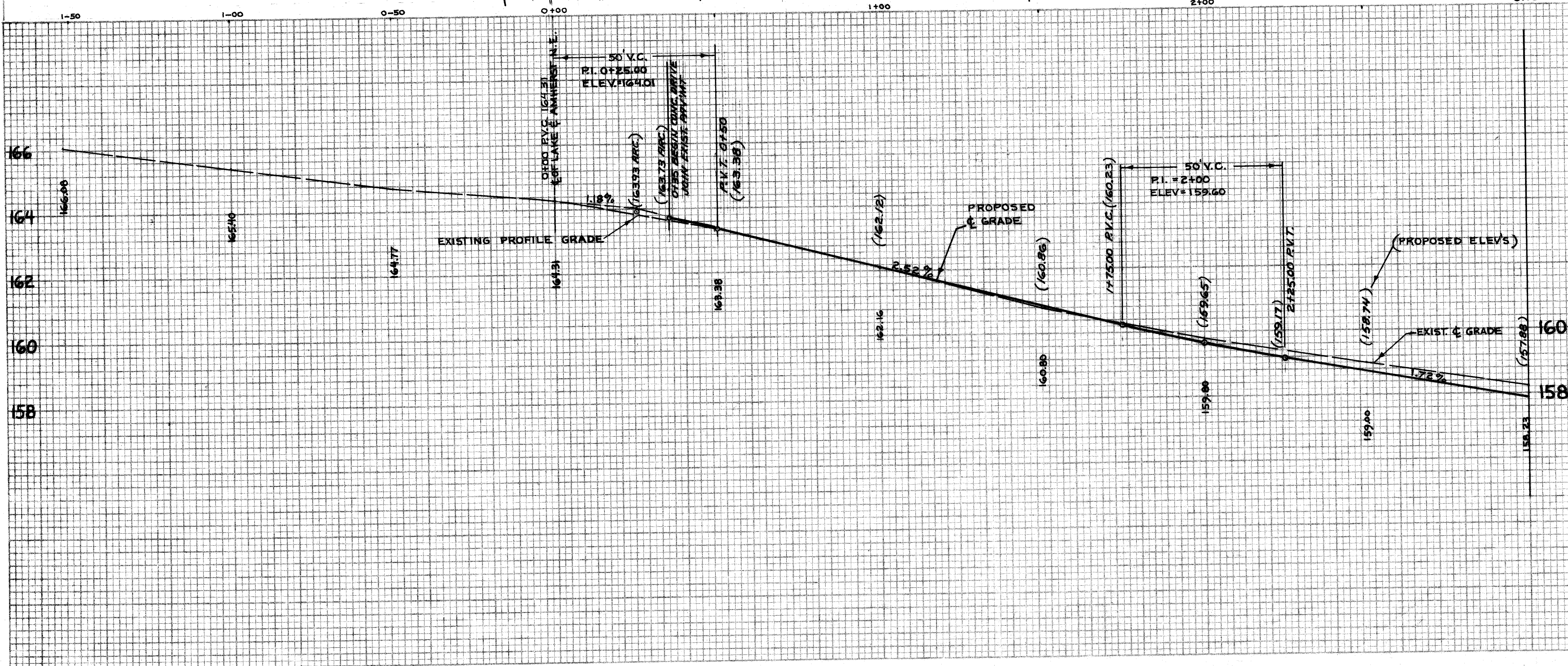
STORM SEWERS					
	STA FROM TO		SIDE	603 R.C.P.	G04 TYPE A G04 CITY STD. C.B. AD.
SS-1	0+41	0+32	LT.	12 LF - 12"	
SS-2	0+38	0+29	RT.	10 LF - 12"	
SS-3	0+17	0+11	RT.	10 LF - 12"	
SS-4	0+17	0+25	RT.	40 LF - 12"	
SS-5	+150	+155	RT.	8 LF - 12"	
SS-6	+179	+185	RT.	12 LF - 12"	
SS-7	+170				
LTREE 25'	0+33		RT.	REMOVE	

[illegible][illegible]

CURB REMOVAL		L.F.	SIDE
CR-1	0-52 ON AMHERST TO 0+40 ON LAKE	34'	LT.
CR-2	0-113 ON AMHERST TO 0+57 ON LAKE	64'	RT.
CR-3	0+28 ON LAKE TO 0+35 ON AMHERST	31'	LT.
CR-4	0+68.56 ON LAKE TO 0+34 ON AMHERST	89'	RT.
CR-5	0+34 ON AMHERST TO 1+33 ON AMHERST	98'	RT.
CR-6	1+33 ON AMHERST TO 0+43 ON DEXTER	40'	RT.
CR-7	0+45.77 ON DEXTER TO 1+96 ON AMHERST	34'	RT.

GEN. NOTES CONT. FROM TITLE SHEET

NEED
NEED
REMOVED CATCH BASINS GRATES ARE TO REMAIN THE PROPERTY OF THE CITY.
CITY OF PASADENA WILL NOT BE RESPONSIBLE FOR ANY FILL MATERIAL THAT IS NEEDED AS THE
RESULT OF UNDER CUTTING.
TAPPING INTO EXISTING HM SHALL BE INCLUDED IN THE UNIT PRICE OF PIPE.
AT EXISTING CONCRETE & ASPHALT DRIVES A SAW CUT JOINT MUST BE MADE SO THE NEW SURFACE MAY
BUTT UP AGAINST A NEAT STRAIGHT EDGE INSTEAD OF A RAGGED EDGE
SODDING
SODDING & TOP SOIL TO BE USED BY THE DIRECTION OF THE ENGINEER.



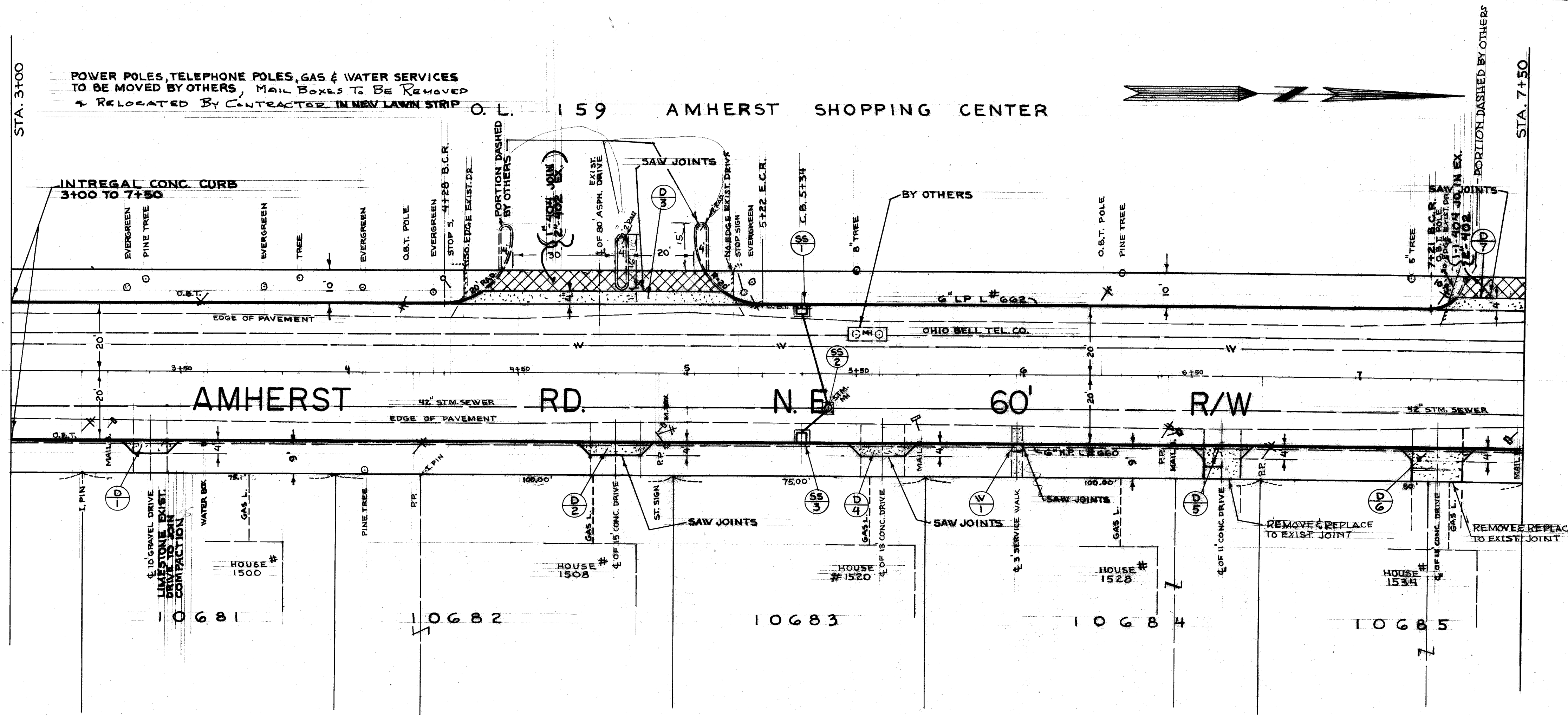
BENCH MARK - TOP OF HYD. S.W. COR. LAKE AVE.
8 AMHERST 166.74

CONVERSION TO U.S.G.S. + 849.04

CITY OF MASSILLON, OHIO			
AMHERST ROAD N. E.			
STA. 0+00 TO 3+00 WIDENING & RESURFACING			
DR. BY RONNIE MCPHERSON		DEPT. OF PUBLIC SERVICE ENGINEERING DIVISION	
CITY ENG. ROBERT WAGONER		F.B. 229 PAGE 45,46	
SCALE = 1" = 20' HORIZ. 1" = 2' VERT.		DATE / /	
		SHEET 1	

FINAL SURVEY	DATE
BY	
NO.	

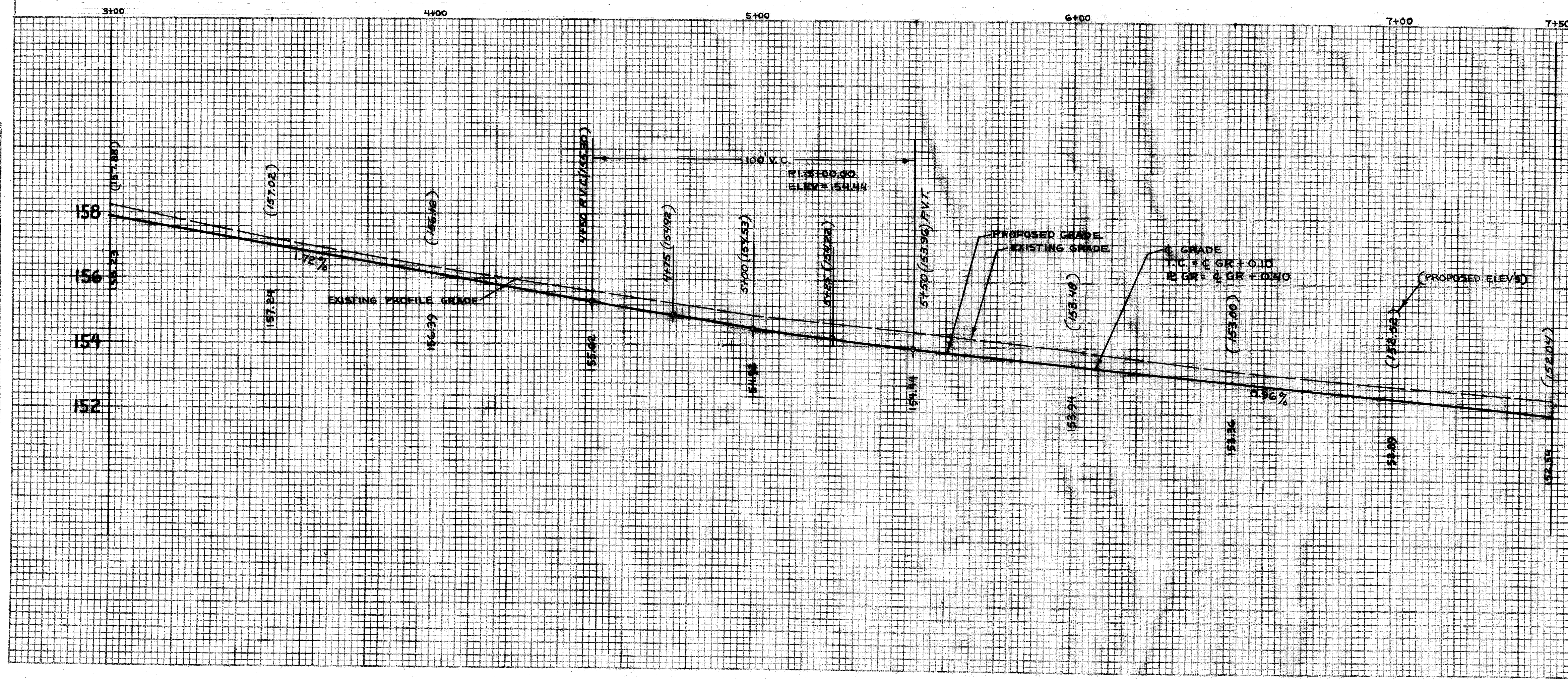
ORIGINAL SURVEY	DATE
BY	
NO.	



ESTIMATED QUANTITIES

STORM SEWERS						
	STA. FROM	STA. TO	SIDE	603 R.P. ELEV.	604 TYPE "A" C. BASIN	604 NM ADJ. TO GR.
SS-1	5+34	5+42	LT.	30'	1	-
SS-2	5+42		RT.	-	-	1
SS-3	5+34	5+42	RT.	12'	1	-

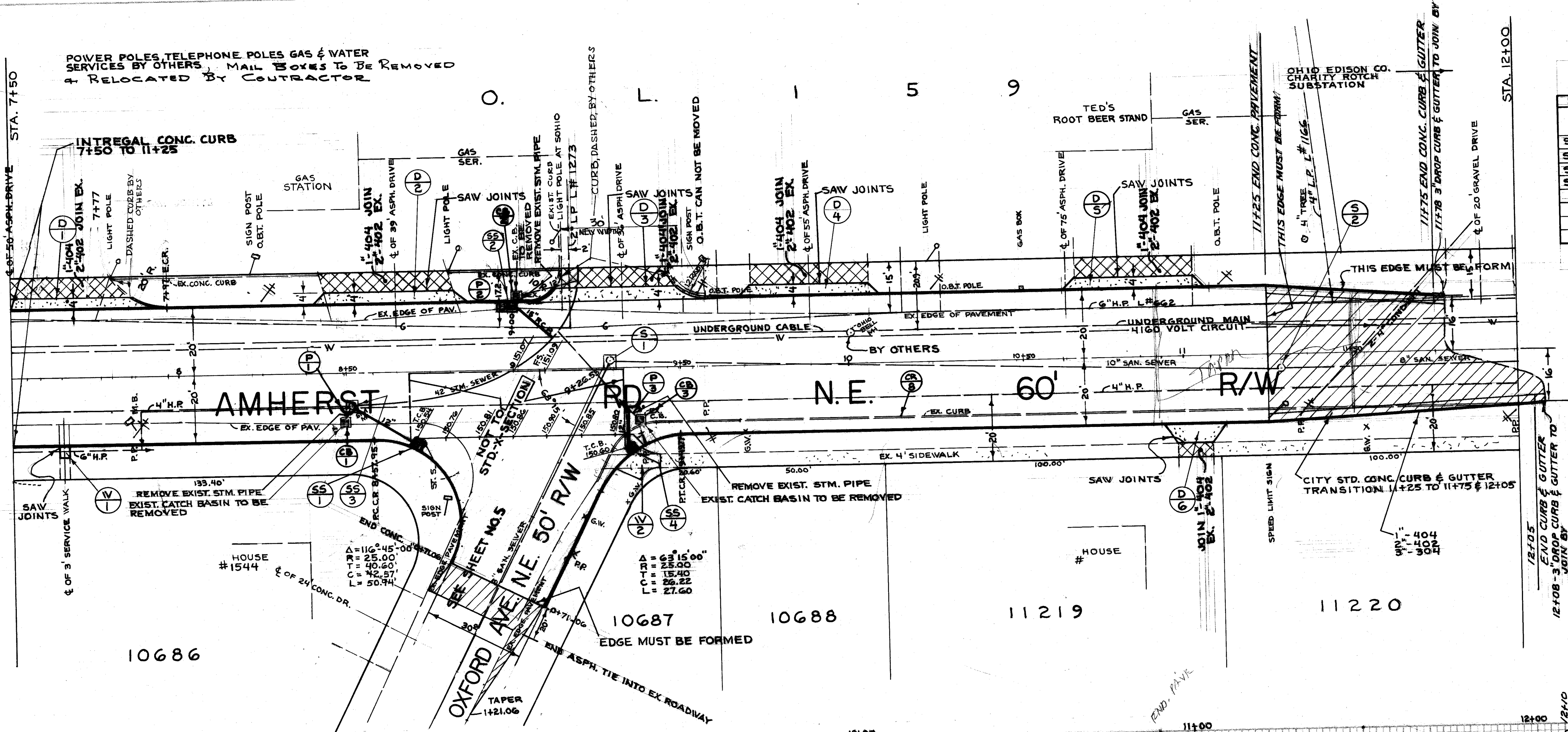
STA. FROM	STA. TO	SIDE	CONC. APRON 4\"/>
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CITY OF MASSILLON, OHIO	
AMHERST ROAD N.E.	
STA. 3+00 TO 7+50 WIDENING & RESURFACING	
DR. BY ROBERT MCPHERSON	DEPT. OF PUBLIC SERVICE
CITY ENG. ROBERT WAGONER	ENGINEERING DIVISION
SCALE = 1" = 20' HORIZ.	DATE / /
2" = 1' VERT.	

FINAL SURVEY PLOTTED
NOTE BOOK TEMPLATE
NO. _____

ORIGINAL SURVEY PLOTTED
NOTE BOOK TEMPLATE
NO. _____



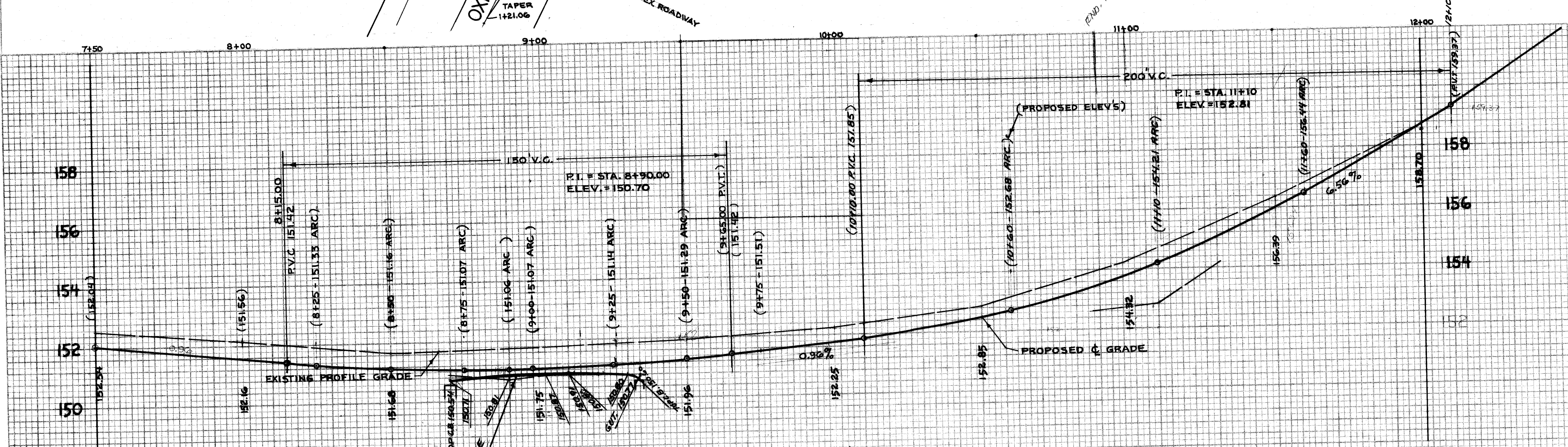
ESTIMATED QUANTITIES

STORM SEWER				
STA	FROM TO	SIDE	603 R.C.P. 12" DIA.	604 TYPE 'A' C. BASIN
SS-1	8+48 8+51	RT.	10 L.F.	1
SS-2	8+97 9+04	LT.	8 L.F.	2
SS-3	8+51	RT.	—	—
SS-4	9+35 9+42	RT.	10 L.F.	1

SANITARY SEWER			
STA	FROM TO	SIDE	604 MH ADJ.
S-1	9+28	LT.	1
S-2	11+28	RT.	1

CONC. WALK 4" - DRIVES 6"					
STA	FROM TO	SIDE	603 4" CONC. WALK	452 CONC. DRIVE	ASPH. DR.
V-1	7+66	RT.	12	—	—
D-1	7+50 7+90	LT.	—	152	8'
D-2	8+41 8+88	LT.	—	172	6'
D-3	9+07 9+62	LT.	—	194	8'
D-4	9+67 10+12	LT.	—	156	6'
D-5	10+62 11+08	LT.	—	156	6'
D-6	10+91 11+13	RT.	—	80	6'
V-2	9+29 9+43	RT.	74	—	—

CATCH BASIN & PIPE REMOVAL				
CB	STA.	SIDE	202.04 L.F.	202.05 L.F.
CB-1	8+50	RT.	1	—
CB-2	9+00	LT.	1	—
CB-3	9+33	RT.	1	—
P-1	—	RT.	4'	—
P-2	—	LT.	20'	—
P-3	—	RT.	8'	—
CR-B	CATCH BASIN REMOVAL AT AMHERST			

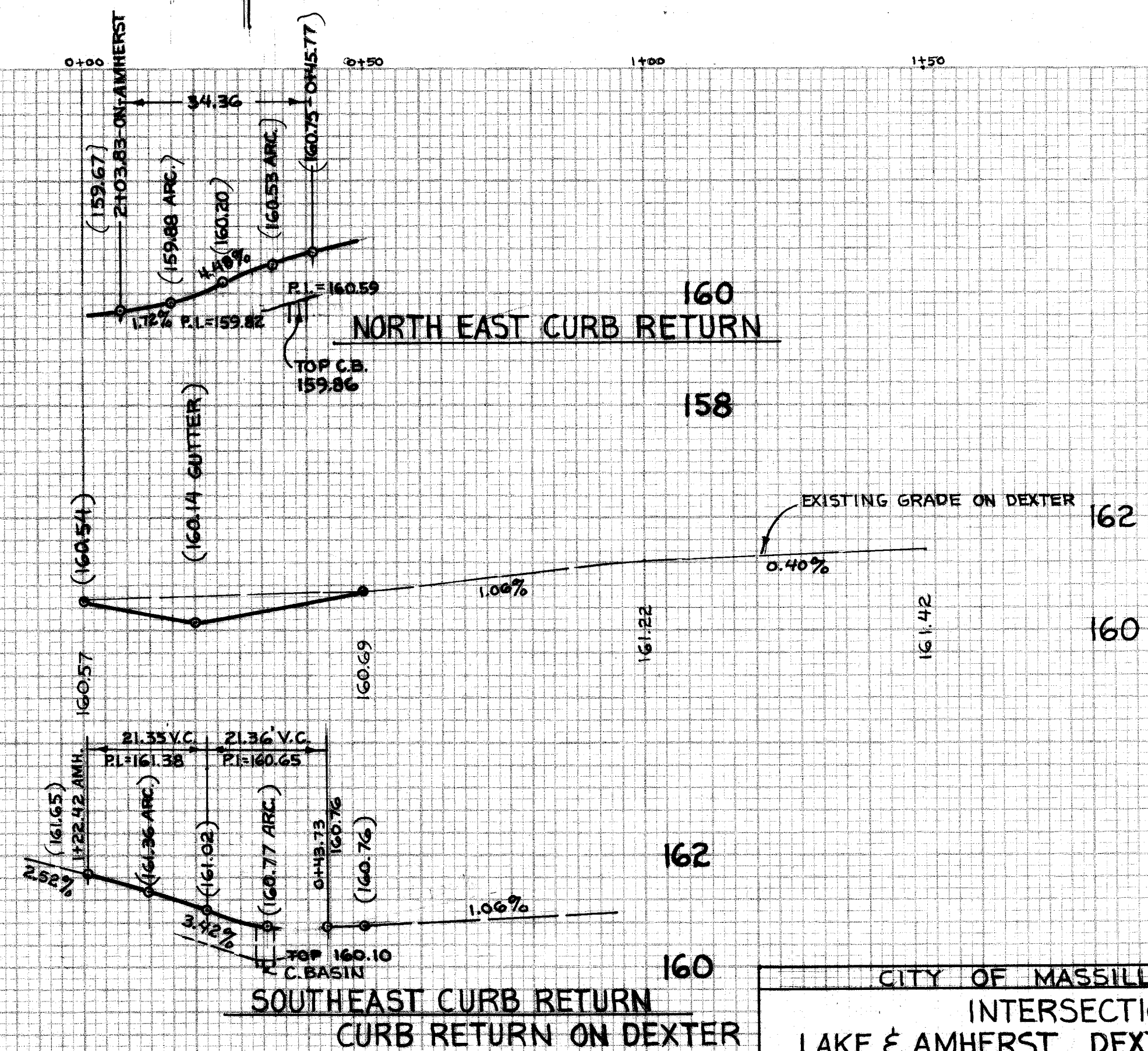


BENCH MARK - R.R.S. IN O.P.S. CO. POLE #2522 DI #24
CONVERSION TO U.S.G.S. + 849.04

BENCH MARK - FLASHER 156.39

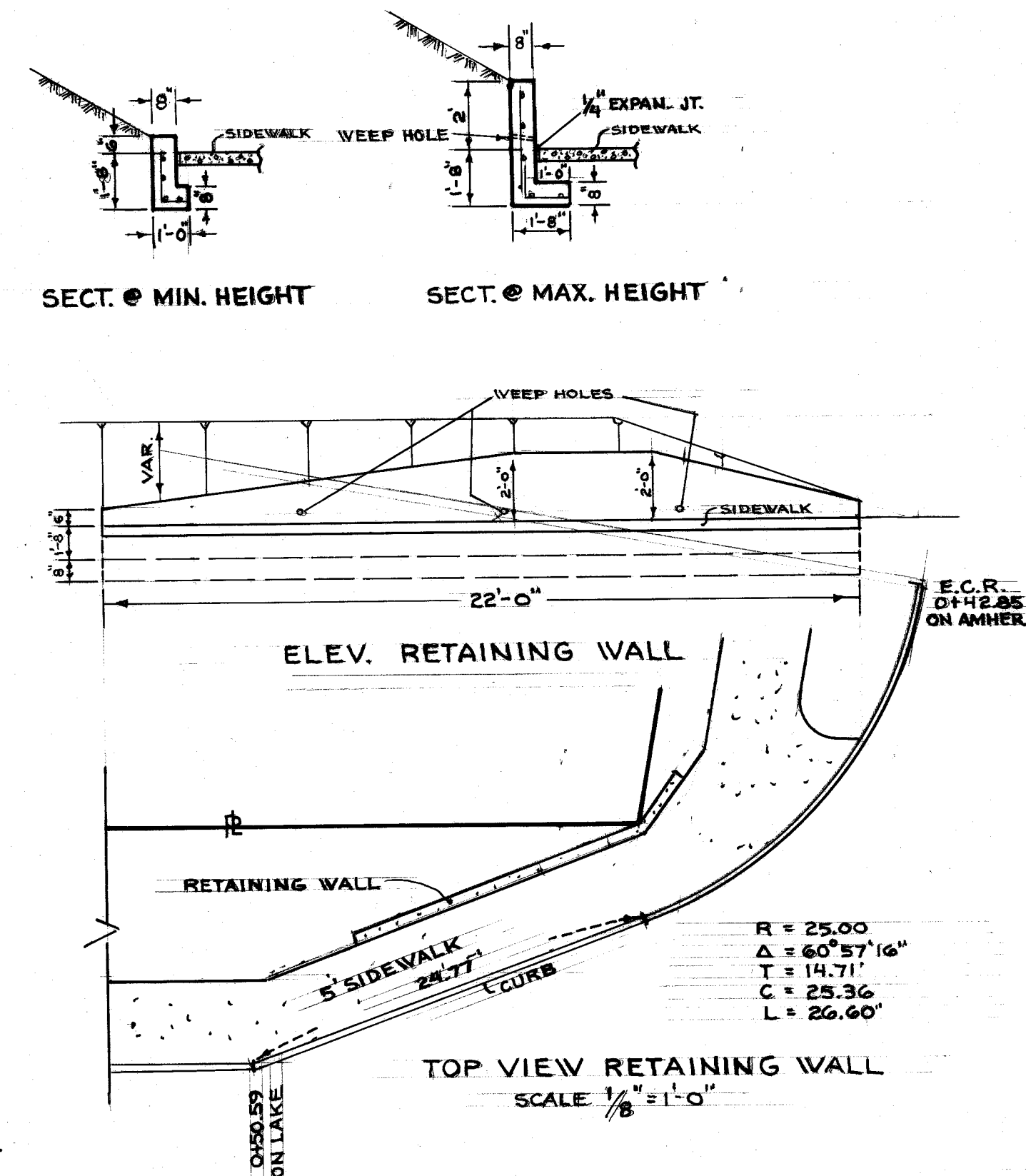
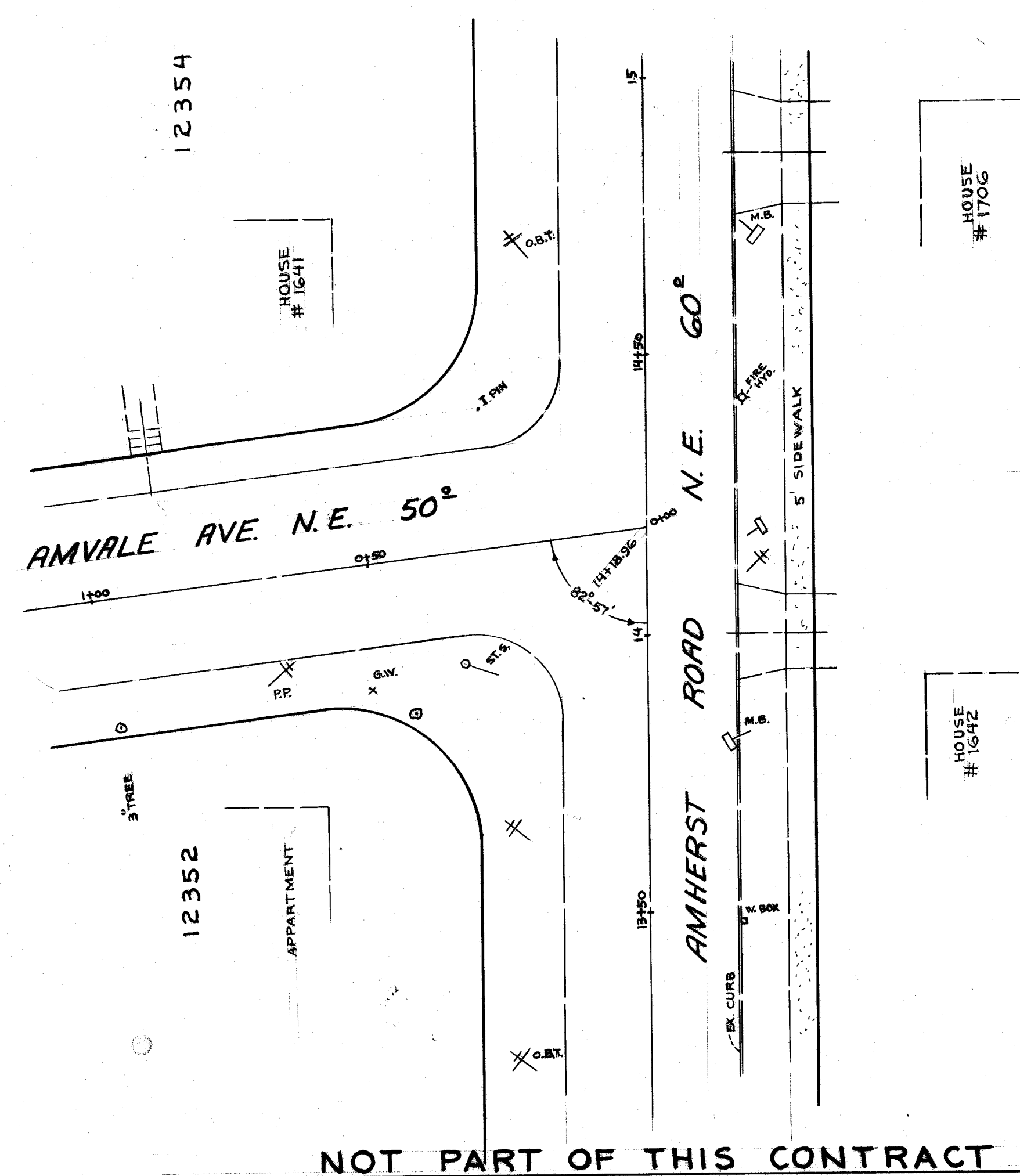
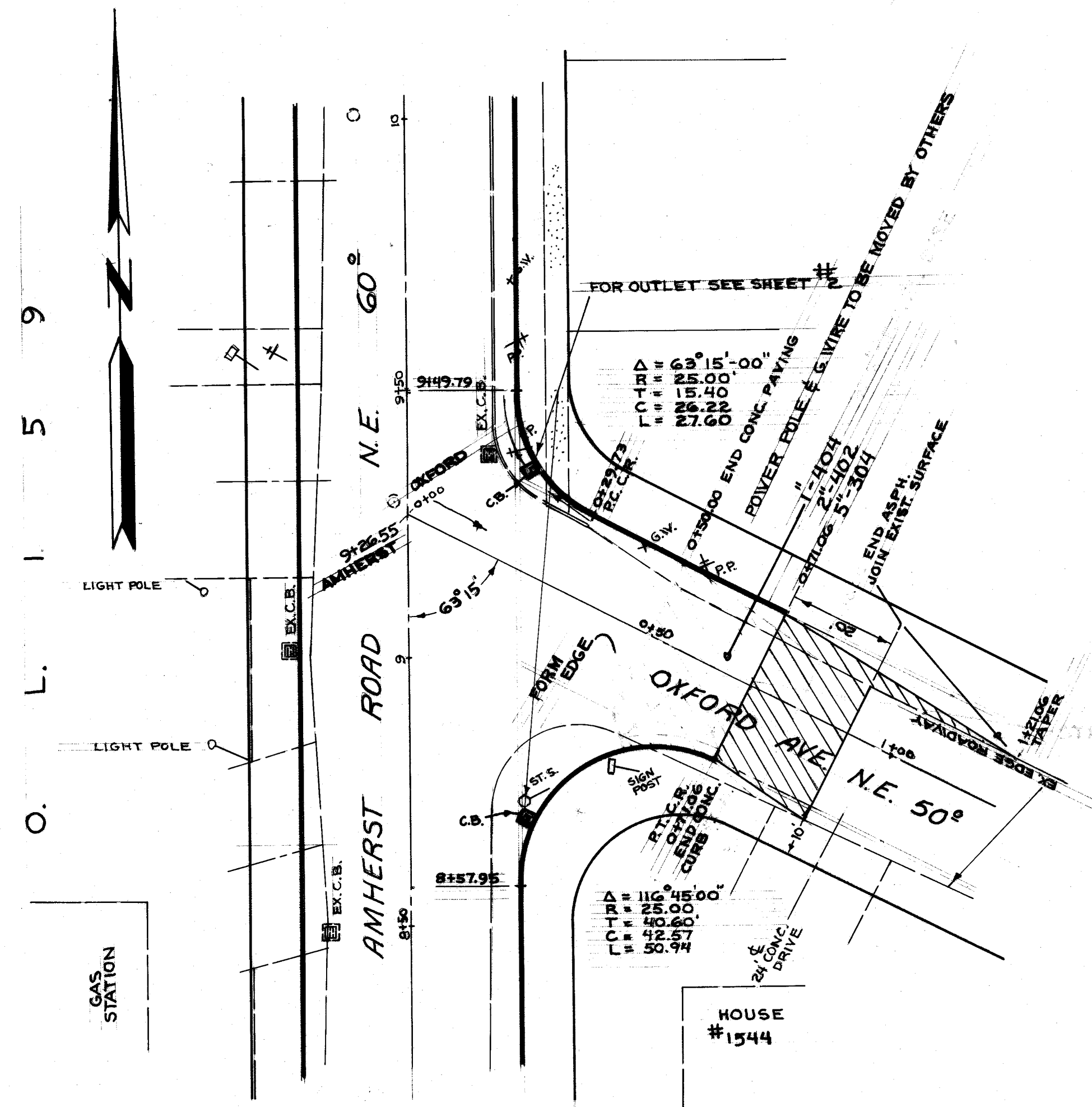
CITY OF MASSILLON, OHIO
AMHERST ROAD N.E.
STA. 7+50 TO 12+00 WIDENING & RESURFACING
DR. BY RONNIE MCPHERSON DEPT. OF PUBLIC SERVICE
CITY ENG. ROBERT WAGONER ENGINEERING DIVISION
SCALE = 1" = 20' HORIZ. DATE 7 / 1 SHEET 3

ORIGINAL	SURVIVED	NAME	DATE
	FLOTTED		
NOTE BOOK	TEMP AIR		
	ABEAS		
	ABEAS - OVERSEAS		

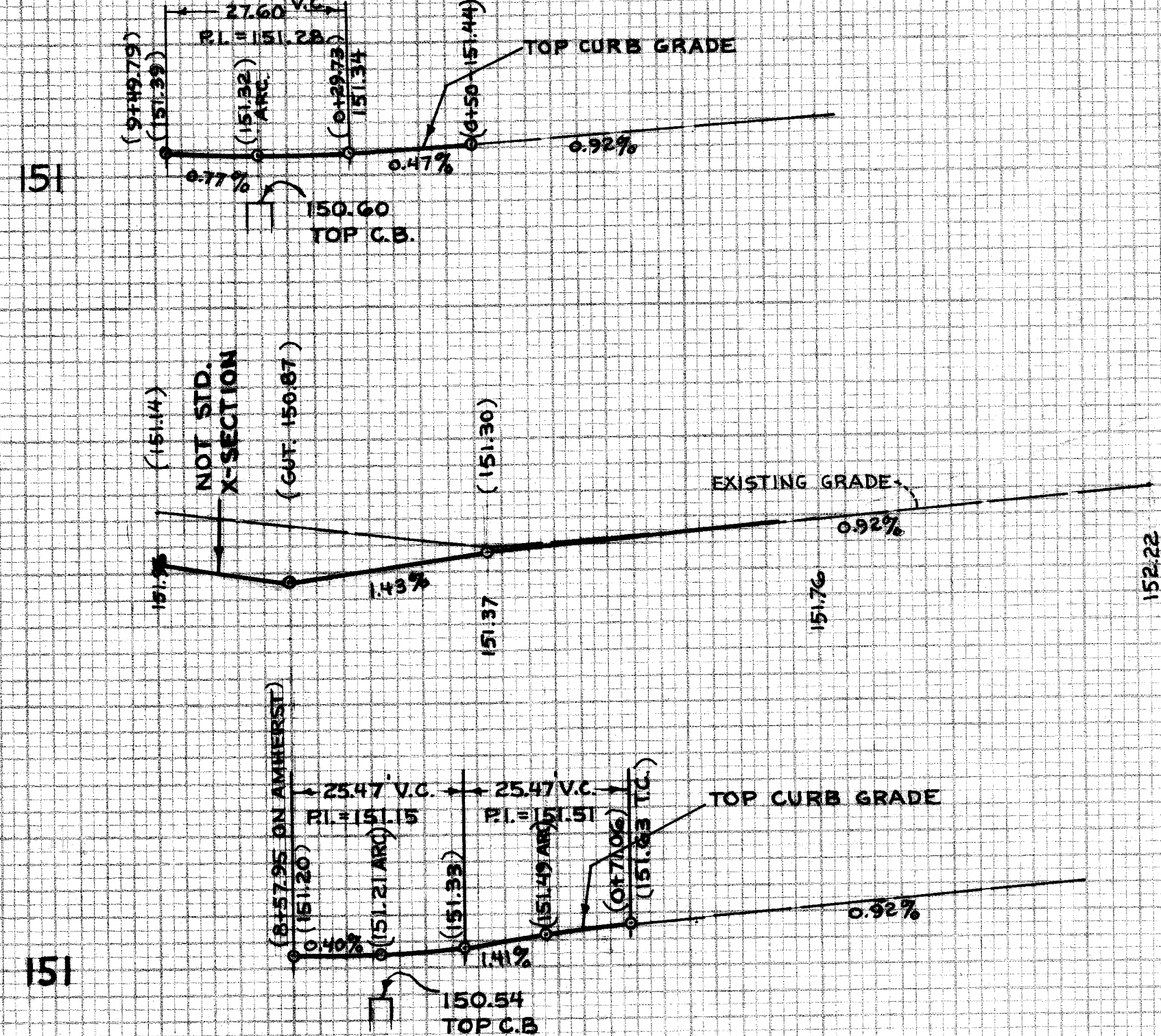


SHEET
4

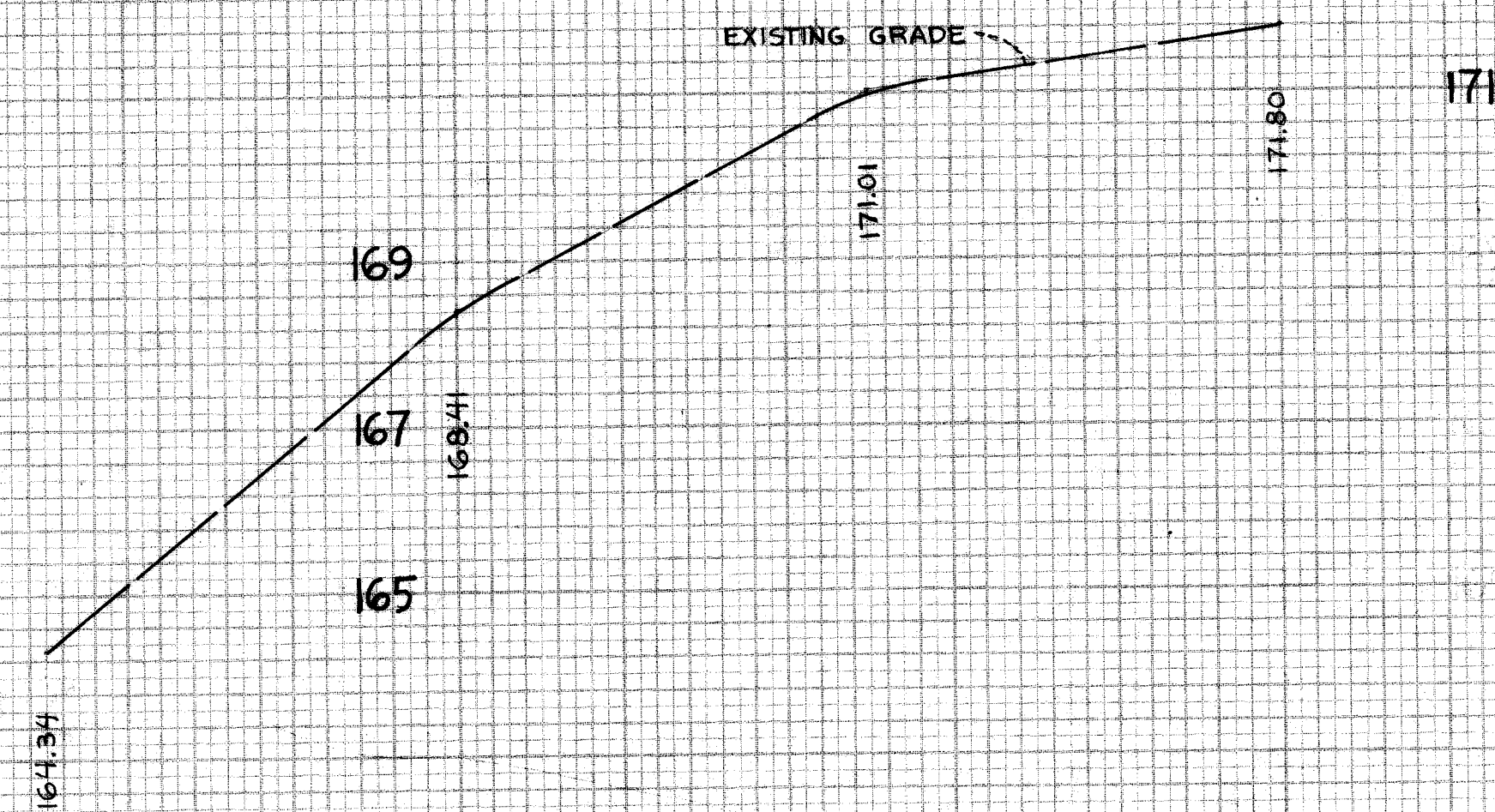
FINAL	SURVEY	DATE
SURVEY	NOTE BOOK	NO.
NOTE BOOK	AREAS CHECKED	



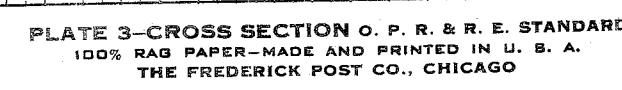
CURB RETURN ON OXFORD & AMHERST

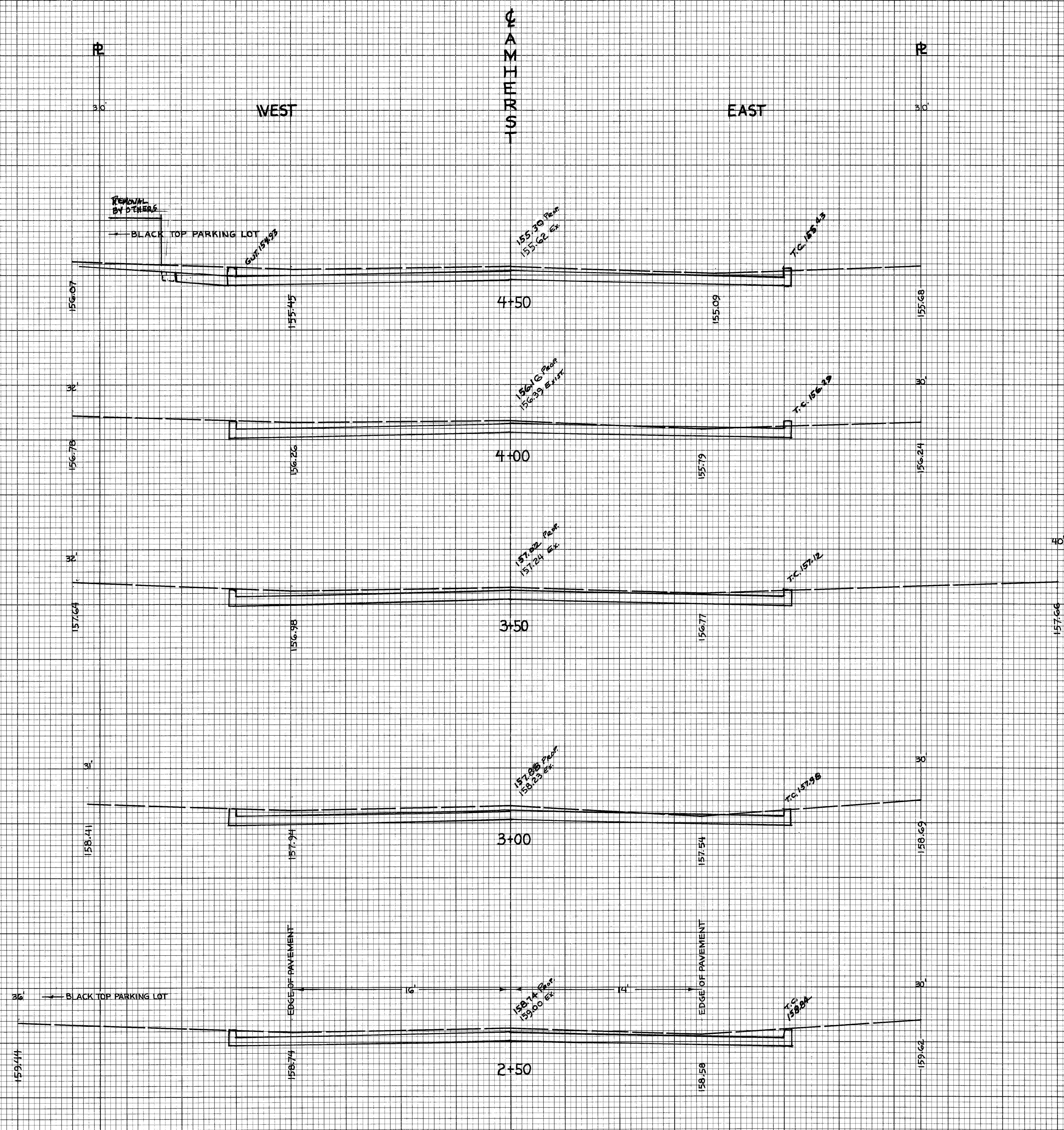


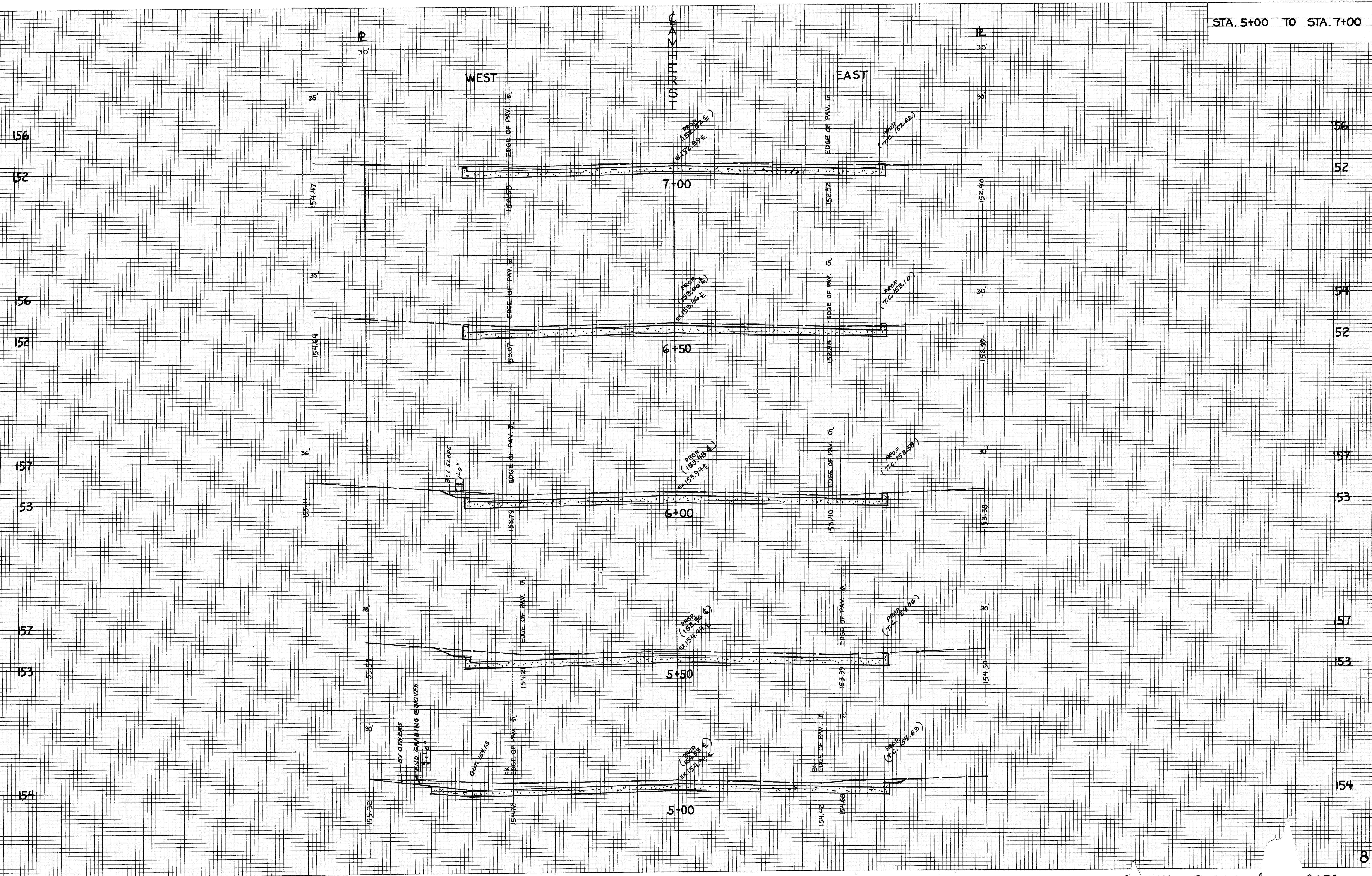
CURB RETURN ON AMVALE & AMHERST



CITY OF MASSILLON OHIO		
INTERSECTIONS		
OXFORD & AMHERST, AMVALE & AMHERST		
DR. BY RONNIE MCPHERSON	DEPT. OF PUBLIC SERVICE	
CITY ENG. ROBERT VAGONER	ENGINEERING DIVISION	
SCALE 1" = 20' HORIZ.	DATE 1/1	SHEET 5
1" = 2' VERT.		







FILE No. P-299

