

04-25-14 LETTING ITEM 147

CONTRACT# 95734				
RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	12-00053-00-RS	SHELBY	49	1
** NORTH 9TH STREET CITY OF SHELBYVILLE ILLINOIS				

INDEX OF SHEETS

FOR INDEX OF PLAN SHEETS SEE SHEET NUMBER 2 OF 49 SHEETS

HIGHWAY STANDARDS

FOR LIST OF HIGHWAY STANDARDS SEE SHEET NUMBER 2 OF 49 SHEETS

DESIGN DATA

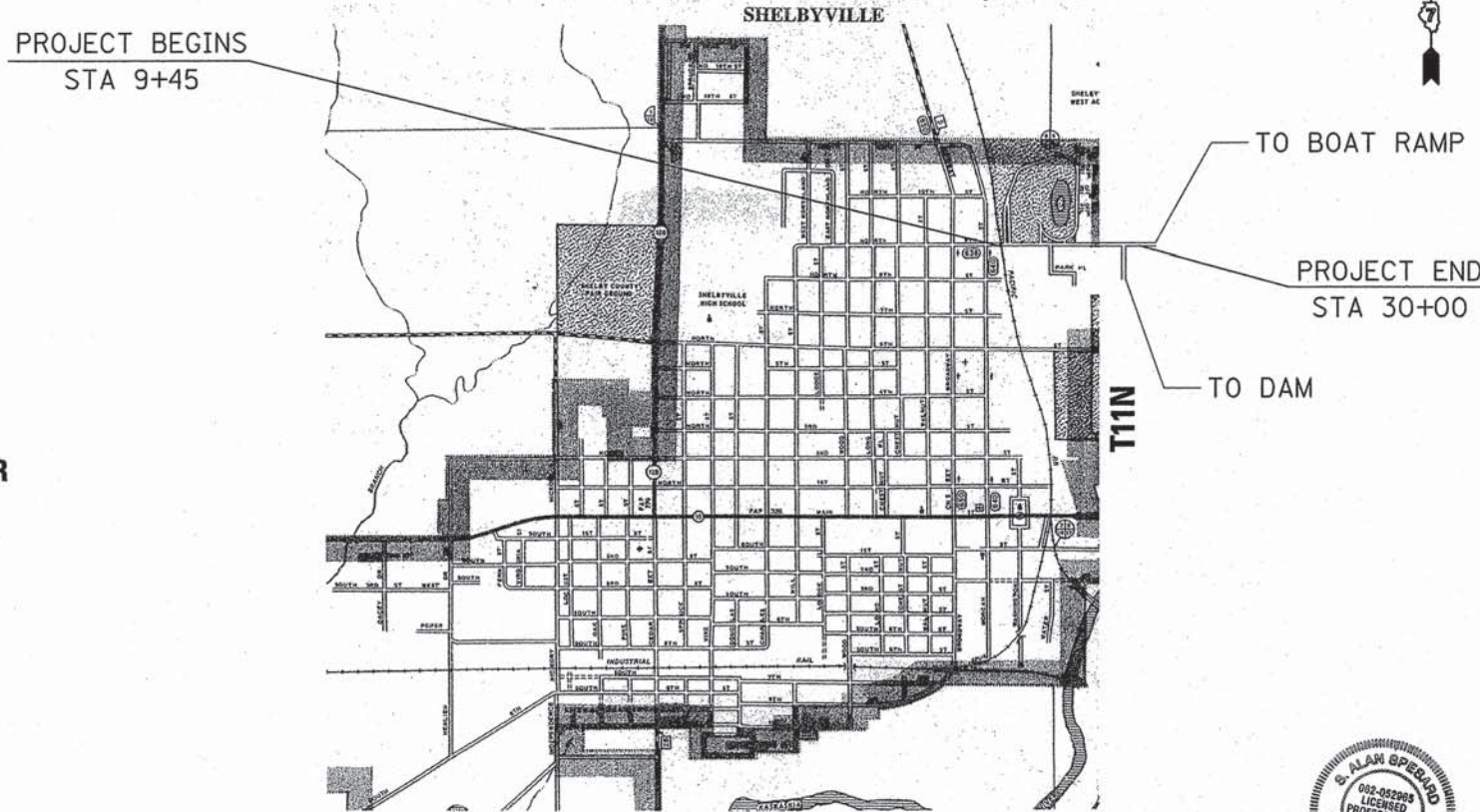
FUNCTIONAL CLASSIFICATION: MAJOR COLLECTOR
 3R GUIDELINES
 DESIGN PERIOD = 20 YEARS
 CURRENT YEAR = 2013
 DESIGN YEAR = 2033
 DESIGN SPEED = 30 MPH * URBAN
 CURRENT YEAR A.D.T = 2800
 DESIGN YEAR A.D.T. = 3300

J.U.L.I.E.
 JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
 1-800-892-0123 (TOLL FREE)

CONTRACT# 95734

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
**PLANS FOR PROPOSED
 RESURFACING PROJECT**
**PUBLIC LAND HIGHWAY DISCRETIONARY
 CITY OF SHELBYVILLE ILLINOIS**

SECTION: 12-00053-00-RS
 JOB NUMBER: C-97-056-14
 ROUTE: NORTH 9TH STREET
 PROJECT NUMBER: PLHD-0638 (111)



R4E
 PROJECT LOCATION MAP

PROJECT LENGTH = 2055 FOOT = 0.389 MILES

PLANS PREPARED BY:

S. Alan Spesard Feb. 18, 2014
 S. ALAN SPESARD, PE
 ILLINOIS PROFESSIONAL ENGINEER 062-052965
 EXPIRES 11-30-15



APPROVED	<i>[Signature]</i> 02-18-2014 ACTING MAYOR, CITY OF SHELBYVILLE ILLINOIS
PASSED	<i>[Signature]</i> 2-21-2014 District Seven Engineer of Local Roads and Streets
RELEASING FOR BID BASED ON LIMITED REVIEW	<i>[Signature]</i> 2-21-2014 DEPUTY DIRECTOR OF HIGHWAYS, REGION 4 ENGINEER
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	

SUMMARY OF QUANTITIES

PAY ITEM NUMBERS	DESCRIPTION	UNIT OF MEASURE	QUANTITY
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	18
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UN IT	174
20200100	EARTH EXCAVATION	CU YD	192
20400800	FURNISHED EXCAVATION	CU YD	481
20800150	TRENCH BACKFILL	CU YD	164
25000100	SEEDING, CLASS 1	ACRE	1.1
25000200	SEEDING, CLASS 2	ACRE	0.1
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	108
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	108
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	108
25100115	MULCH, METHOD 2	ACRE	1.2
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	240
28000315	AGGREGATE DITCH CHECKS	TON	38
28000400	PERIMETER EROSION BARRIER	FOOT	250
28000500	INLET AND PIPE PROTECTION	EACH	21
28100207	STONE RIPRAP, CLASS A4	TON	63
28200200	FILTER FABRIC	SQ YD	146
40300100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	1597
40300300	BITUMINOUS MATERIALS (COVER AND SEAL COATS)	GALLON	3595
40300500	COVER COAT AGGREGATE	TON	100
40300600	SEAL COAT AGGREGATE	TON	50
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	319
42000300	PORTLAND CEMENT CONCRETE PAVEMENT 8"	SQ YD	172
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	769
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	238
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	7120
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	4660
42400800	DETECTABLE WARNINGS	SQ FT	72
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	383
44000400	GUTTER REMOVAL	FOOT	28
44000600	SIDEWALK REMOVAL	SQ FT	40
48100100	AGGREGATE SHOULDERS, TYPE A	TON	44
542D0217	PIPE CULVERTS, CLASS D, TYPE 1 12"	FOOT	76
54215550	METAL END SECTIONS 15"	EACH	1
54215556	METAL END SECTIONS 21"	EACH	2
550B0050	STORM SEWERS, CLASS B, TYPE 1 12"	FOOT	835
550B0070	STORM SEWERS, CLASS B, TYPE 1 15"	FOOT	1050
550B0090	STORM SEWERS, CLASS B, TYPE 1 18"	FOOT	542
56100005	DUCTILE IRON WATER MAIN TEE, 6" X 6"	EACH	2
56100600	WATER MAIN 6"	FOOT	1624
56109210	WATER VALVES TO BE ADJUSTED	EACH	2
56109432	DUCTILE IRON WATER MAIN FITTING 6" 90.00 DEGREE BEND	EACH	2
56500100	DOMESTIC METER VAULTS TO BE MOVED	EACH	9
60218500	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 3 FRAME AND GRATE	EACH	9
60221200	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 3 FRAME AND GRATE	EACH	4
60223810	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 3 FRAME AND GRATE	EACH	6
60224005	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 8 GRATE	EACH	1
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	12
60240220	INLETS, TYPE B, TYPE 3 FRAME AND GRATE	EACH	3
60240301	INLETS, TYPE B, TYPE 8 GRATE	EACH	7
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	3455
67100100	MOBILIZATION	L SUM	1
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1
78005110	EPOXY PAVEMENT MARKING - LINE 4"	FOOT	4190

78005130	EPOXY PAVEMENT MARKING - LINE 6"	FOOT	168
78005150	EPOXY PAVEMENT MARKING - LINE 12"	FOOT	336
78005180	EPOXY PAVEMENT MARKING - LINE 24"	FOOT	58
Z0004002	BOLLARDS	EACH	3
Z0010700	COLD MILLING	SQ YD	4278
Z0067300	STEEL CASINGS 12"	FOOT	20
Z0070200	SURVEY MONUMENTS	EACH	2
X0324058	OUTLET SPECIAL	EACH	2
X0327094	VALVE BOX 6"	EACH	2
X5630006	CUT & CAP EXISTING 6" WATER MAIN	EACH	2
XX007371	PORTLAND CEMENT CONCRETE PAVMENT, FURNISHED	CU YD	740
XX007389	ADJUST WATER MAIN, 6"	EACH	1
XX008374	PORTLAND CEMENT CONCRETE PAVEMENT 5 1/2", PLACEMENT	SQ YD	4547

Δ SPECIALTY ITEMS

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001001-02	AREAS OF REINFORCEMENT BARS
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
420001-07	PAVEMENT JOINTS
420101-04	24' (7.2 m) JOINTED PCC PAVEMENT
424001-07	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424016-01	MID-BLOCK CURB RAMPS FOR SIDEWALKS
424026-01	ENTRANCE / ALLEY PEDESTRIAN CROSSINGS
542401-01	METAL END SECTION FOR PIPE CULVERTS
602301-04	INLET - TYPE A
602306-03	INLET - TYPE B
602401-03	MANHOLE TYPE A
602406-06	MANHOLE TYPE A 6' (1.8 m) DIAMETER
602601-03	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604001-03	FRAME AND LIDS TYPE 1
604006-04	FRAME AND GRATE TYPE 3
604036-02	GRATE TYPE B
606001-05	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606006-02	OUTLETS FOR CONCRETE CURB AND GUTTER TYPE B-6.24 (B-15.60)
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 m) AWAY
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701011-04	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701201-04	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-03	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS ≥ 45 MPH
701311-03	LANE CLOSURE 2L, 2W, MOVING OPERATIONS-DAY ONLY
701801-05	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-03	TRAFFIC CONTROL DEVICES
780001-04	TYPICAL PAVEMENT MARKINGS
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CITY OF SHELBYVILLE
 SECTION : 12-00053-00-RS
 SUMMARY OF QUANTITIES
 HIGHWAY STANDARDS
 INDEX OF PAGES

GENERAL NOTES

WHEREVER IN THE PLANS OR SPECIFICATIONS THE TERM STANDARD SPECIFICATIONS IS USED, IT SHALL BE UNDERSTOOD BY THE CONTRACTOR TO MEAN THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AS PREPARED BY THE DEPARTMENT OF TRANSPORTATION OF THE STATE OF ILLINOIS AND ADOPTED JANUARY 1, 2012.

ALL ELEVATIONS SHOWN ON THE PLANS ARE BASED ON AN ASSUMED DATUM.

WHERE SECTION, SUB-SECTION MARKERS, OR U.S. ARMY CORPS OF ENGINEER MARKERS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE DEPARTMENT AND AUTHORIZED AGENT OR LAND SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.

ANY REFERENCE TO STANDARDS THROUGHOUT THE PLANS SHALL BE INTERPRETED TO BE THE LATEST STANDARDS OF THE DEPARTMENT AS SHOWN ON THE SCHEDULE OF THE STANDARD DRAWINGS ON THE COVER SHEET.

FOR THE SUGGESTED SEQUENCE OF OPERATIONS SEE THE CONTRACT SPECIAL PROVISIONS.

EXISTING ROAD SIGNS THAT CONFLICT WITH CONSTRUCTION OPERATIONS SHALL BE COVERED OR REMOVED AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE CONTRACT PAY ITEMS AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED THE CONTRACTOR.

EXCEPT WHERE DESIGNATED OTHERWISE, THE LOCATIONS AND/OR DEPTHS OF UNDERGROUND UTILITIES SHOWN HAVE BEEN TAKEN FROM INFORMATION FURNISHED BY THE UTILITY OWNERS & MUST BE CONSIDERED APPROXIMATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES. CONTACT J.U.L.I.E., PHONE 800-892-0123, AND ALL UTILITY COMPANIES PRIOR TO DIGGING.

THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES 48 HOURS PRIOR TO EXCAVATION OPERATIONS.

UTILITY COMPANIES MAY BE ADJUSTING THEIR FACILITIES AT THE TIME OF CONSTRUCTION OF THIS PROJECT. THE CONTRACTOR SHALL COOPERATE WITH THESE ORGANIZATIONS WHILE THEY PERFORM THEIR WORK.

GRADING SHALL BE DONE BY HAND AROUND LIGHT POLES, UTILITY POLES, SIGN POSTS, SHRUBS, TREES, OR OTHER NATURAL OR MANMADE OBJECTS WHERE SHALLOW FILLS OR CUTS ARE ADJACENT TO THESE ITEMS. IT IS THE INTENT THAT THE LIMITS OF CONSTRUCTION BE SUCH TO PRESERVE IN THE ORIGINAL STATE AS MUCH AREA OF TEMPORARY EASEMENT AS POSSIBLE. THE DECISION AS TO ITEMS TO REMAIN IN PLACE SHALL BE DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

EARTH STOCK PILES SHALL BE TEMPORARILY SEEDED IF THEY ARE TO REMAIN UNUSED FOR MORE THAN 14 DAYS.

TEMPORARY EROSION CONTROL MEASURES ARE TO BE IMPLEMENTED AS SHOWN IN THE EROSION CONTROL PLAN AND AS DIRECTED BY THE ENGINEER.

SEEDING SHALL BE DONE ON ALL AREAS THAT ARE DISTURBED BY CONSTRUCTION OPERATIONS AS DIRECTED BY THE ENGINEER. SEEDING SHALL BE PAID FOR ONLY WITHIN THE PROPOSED RIGHT-OF-WAY OR EASEMENT LIMITS. ALL AREAS DISTURBED BY THE CONTRACTOR OUTSIDE THE PROPOSED CONSTRUCTION LIMIT SHALL BE SEEDED AS DIRECTED BY THE ENGINEER, AT THE CONTRACTOR'S EXPENSE.

ALL STREET RETURNS SHALL HAVE RADII MEASURED TO THE EDGE OF THE PAVEMENT UNLESS OTHERWISE NOTED ON THE PLANS.

ACCESS TO ALL ENTRANCES SHALL BE MAINTAINED AT ALL TIMES DURING THE CONSTRUCTION OF THIS SECTION.

MAILBOX TURNOUTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH I.D.O.T. STANDARD B.L.R. 24.

THE CONTRACTOR SHALL NOTIFY THE CITY OF SHELBYVILLE ILLINOIS, RESIDENT ENGINEER AND THE COUNTY ENGINEER 72 HOURS IN ADVANCE OF CONSTRUCTION WORK.

RATES OF APPLICATION

NITROGEN FERTILIZER NUTRIENTS	90 LBS/ACRE
PHOSPHORUS FERTILIZER NUTRIENTS	90 LBS/ACRE
POTASSIUM FERTILIZER NUTREINTS	90 LBS/ACRE
MULCH METHOD 2	2.0 TONS/ACRE
TEMPORARY SEED MIX	200 LBS/ACRE
BITUMINOUS MATERIALS (PRIME COAT)	0.35 GAL/SQ YD
BITUMINOUS MATERIALS (COVER AND SEAL COAT)	0.30 GAL/ SQ YD
COVER COAT AGGREGATE	25 LBS./SQ YD
SEAL COAT AGGREGATE	25 LBS./SQ YD
STONE RIPRAP CLASS A-4	0.7 TONS / SQ.YD.
TRENCH BACKFILL	1.4 TONS / CU. YD.

UTILITIES

THE ONLY UTILITIES KNOWN TO BE ON THIS PROJECT ARE AS FOLLOWS:

1. TELEPHONE	CONSOLIDATED COMMUNICATIONS (**)(***) 121 SOUTH 17TH STREET MATTOON, ILLINOIS 61938 217-234-9971
2. GAS	AMEREN CIPS (**)(***) 711 SOUTH 9TH STREET MATTOON, ILLINOIS 61938
3. POWER	AMEREN CIPS (**)(***) 420N 2400 EAST ROAD PANA, ILLINOIS 62557
4. POWER	SHELBY ELECTRIC COOP(**)(***) P.O. BOX 560 SHELBYVILLE ILLINOIS 62565
5. WATER	CITY OF SHELBYVILLE ILLINOIS (**)(***) 151 SOUTH MORGAN STREET SHELBYVILLE, ILLINOIS 62562
6. SEWER	CITY OF SHELBYVILLE ILLINOIS (**)(***) 151 SOUTH MORGAN STREET SHELBYVILLE, ILLINOIS 62565
7. CABLE TV	NEW - WAVE COMMUNACATIONS (**)(***) 1 MONTGOMERY PLAZA 4 TH FLOOR SIKESTON MO 63801

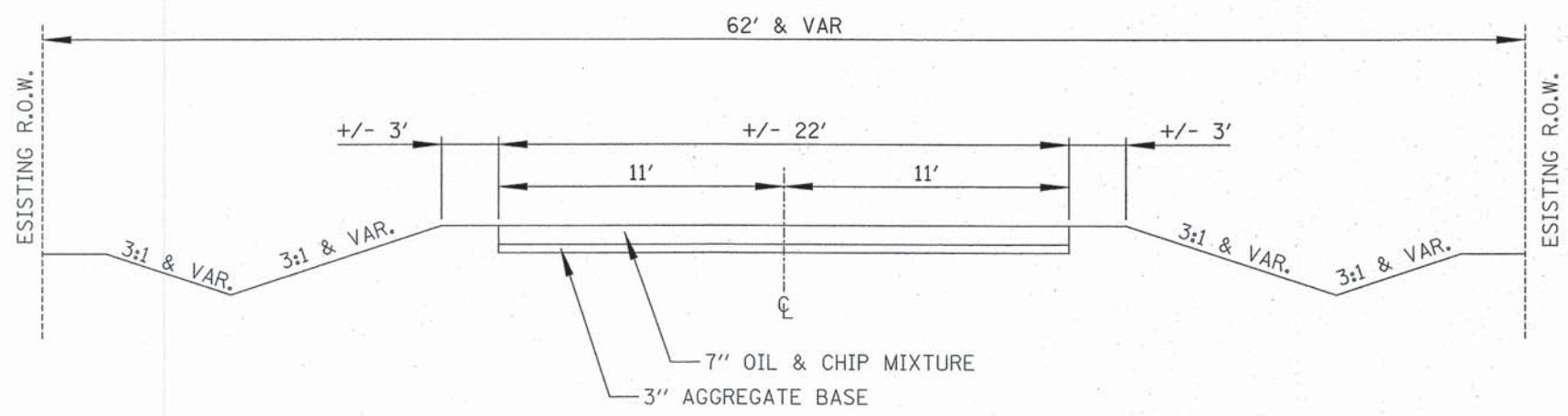
(**) J.U.L.I.E. MEMBER
 (***) RELOCATION DURING CONSTRUCTION
 FOR JOINT UTILITY INFORMATION CALL, 1-800-892-0123

BENCHMARKS

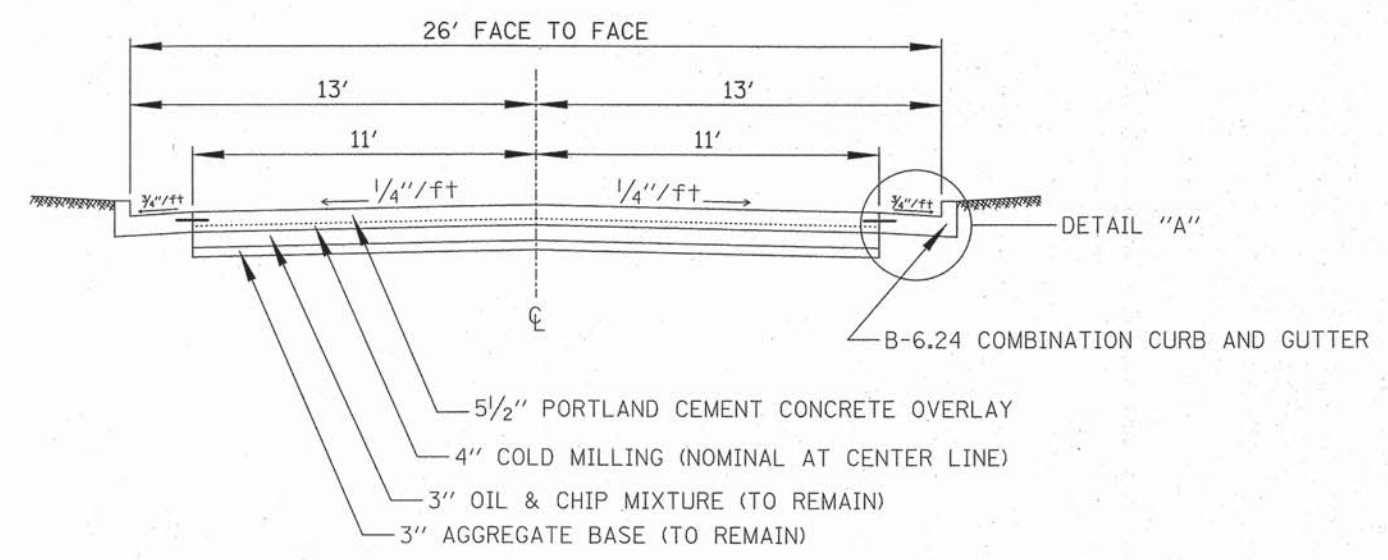
- BM 1**
"M" IN MUELLER ON FIRE HYDRANT AT NORTH 9th AND MORGAN, ELEVATION = 100.00
- BM 2**
"M" IN MUELLER ON FIRE HYDRANT AT NORTH 9th AND PARK PLACE, STATION 15+34, ELEVATION = 95.10
- BM 3**
"M" IN MUELLER ON FIRE HYDRANT AT NORTH SIDE OF NORTH 9th STREET, STATION 20+75 17ft LEFT, ELEVATION = 93.18
- BM 4**
"M" IN MUELLER ON FIRE HYDRANT AT NORTH 9th AND 1930 E (DAM ACCESS ROAD), STATION 27+09 19ft LEFT, ELEVATION = 87.76

TRAFFIC DATA

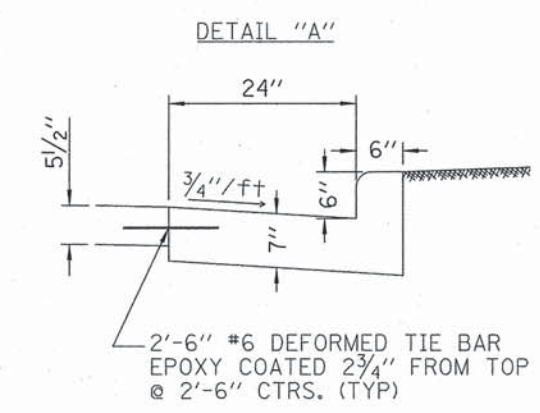
CURRENT YEAR A.D.T. = 2800
 DESIGN YEAR A.D.T. = 3300
 Pu = 91.4% = 3015
 Su = 8.3% = 275
 Mu = 0.3% = 10
 TRAFFIC FACTOR = 0.430
 REQUIRED MOR = 750 P.S.I. 14 DAYS



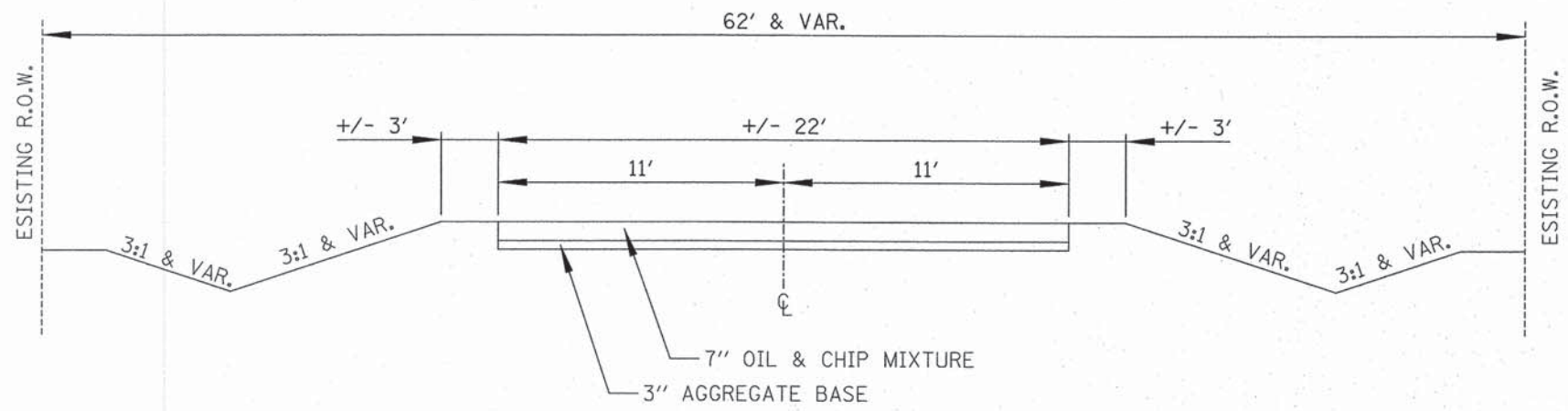
EXISTING TYPICAL SECTION
STA 9+45 TO STA 26+30



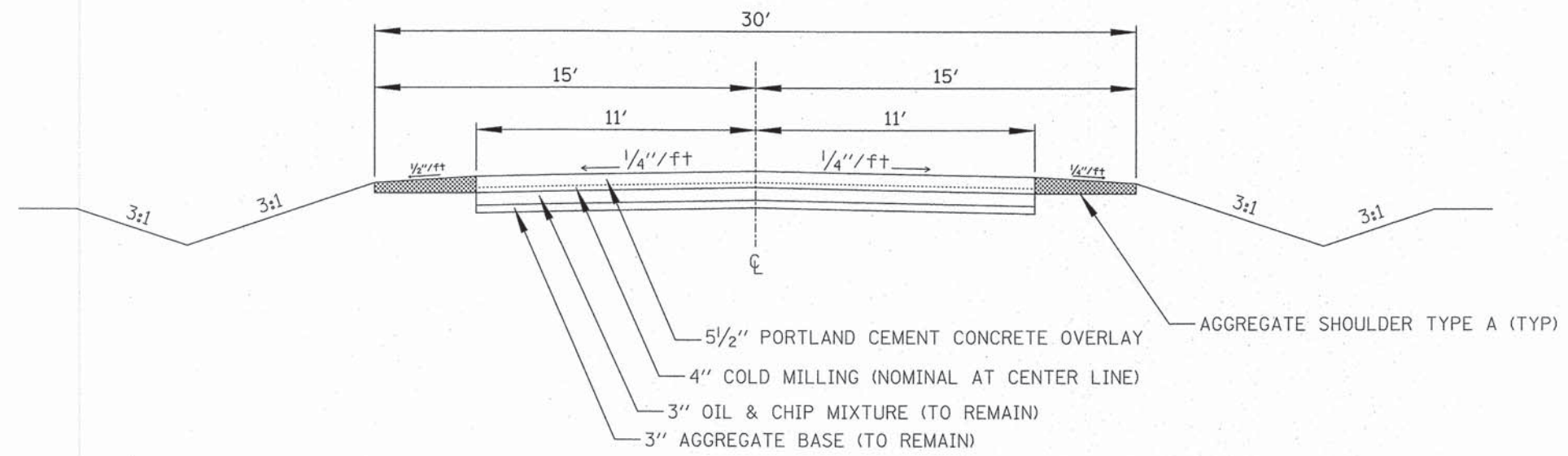
PROPOSED TYPICAL SECTION
STA 9+45 TO STA 26+30



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CITY OF SHELBYVILLE
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ROUTE : N 9th STREET
SHEET <u>5</u> OF <u>49</u>



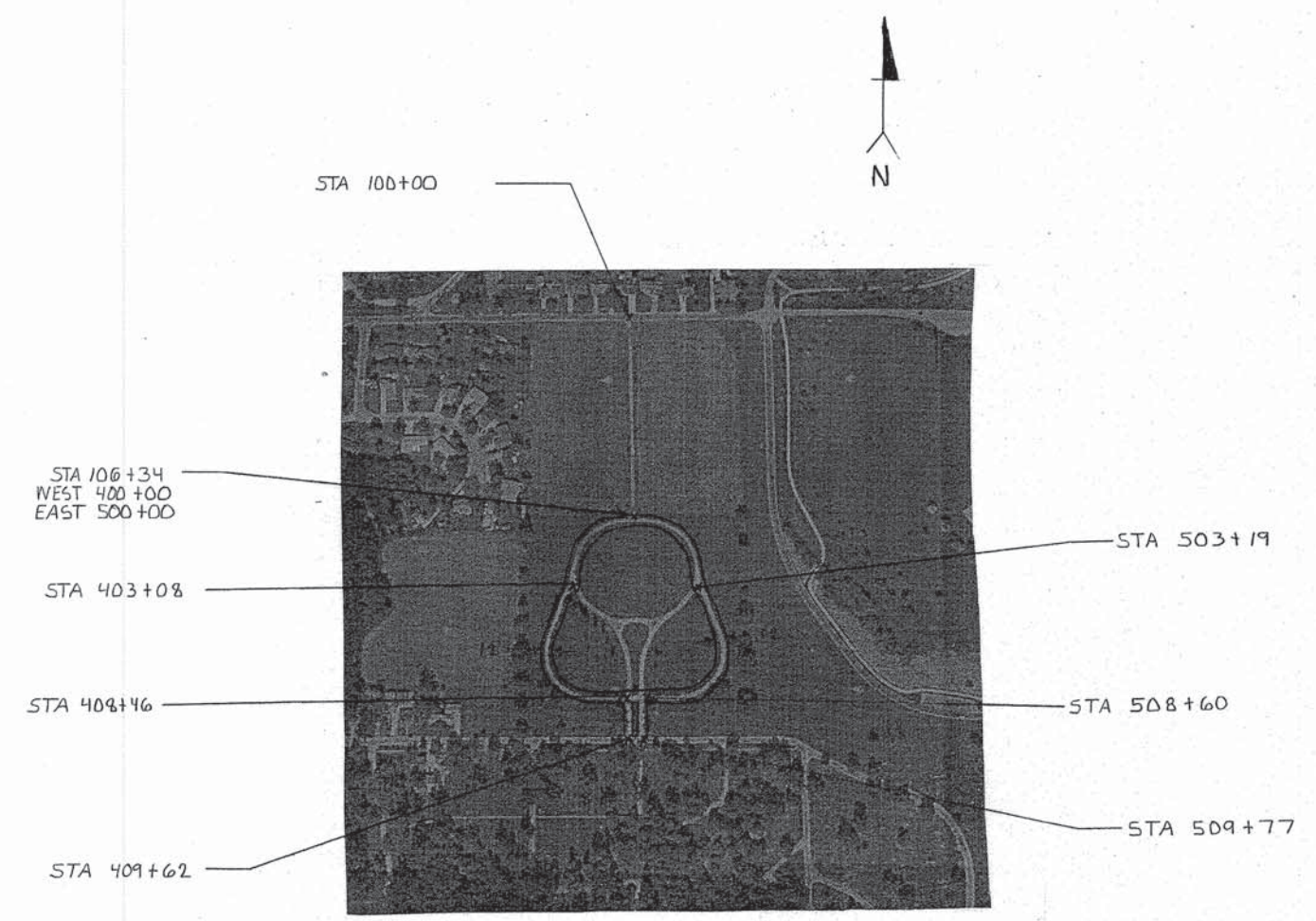
EXISTING TYPICAL SECTION
STA 26+30 TO STA 28+05



PROPOSED TYPICAL SECTION
STA 26+30 TO STA 28+05

CITY OF SHELBYVILLE
SECTION : 12-00053-00-RS
MAIN LINE
TYPICAL SECTIONS

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 CITY OF SHELBYVILLE
 SECTION : 12-00053-00-RS
 ROUTE : N 9th STREET
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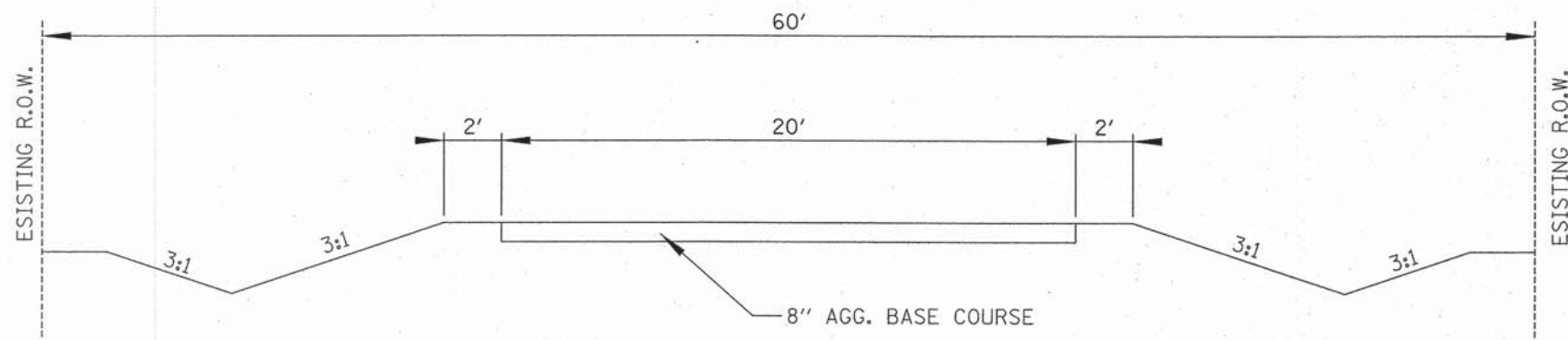


LOCATION MAP
 PROPOSED MULTI USE TRAIL

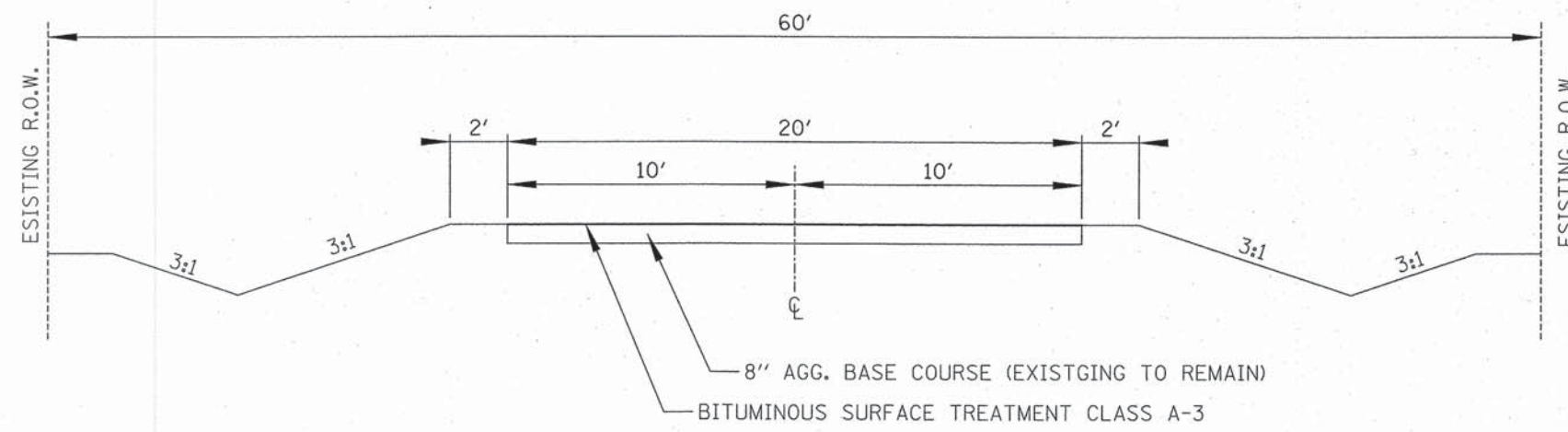
BITUMINOUS SURFACE TREATMENT A-3					
STA TO STA	SQ. YD.	BIT. MATL. PRIME	BIT. MATL. C&S COAT	COVER CT. AGG.	SEAL CT. AGG.
100+00 TO 106+50	1409	564	1268	36	18
500+00 TO 509+73	1302	520	1172	32	16
400+00 TO 409+62	1283	513	1155	32	16
	3994	1597	3595	100	50

CITY OF SHELBYVILLE
 SECTION : 12-00053-00-RS
 MULTI-USE TRAIL
 TYPICAL SECTIONS

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CITY OF SHELBYVILLE
SECTION : 12-00053-00-RS
ROUTE : N 9th STREET
SHEET <u>2</u> OF <u>49</u>



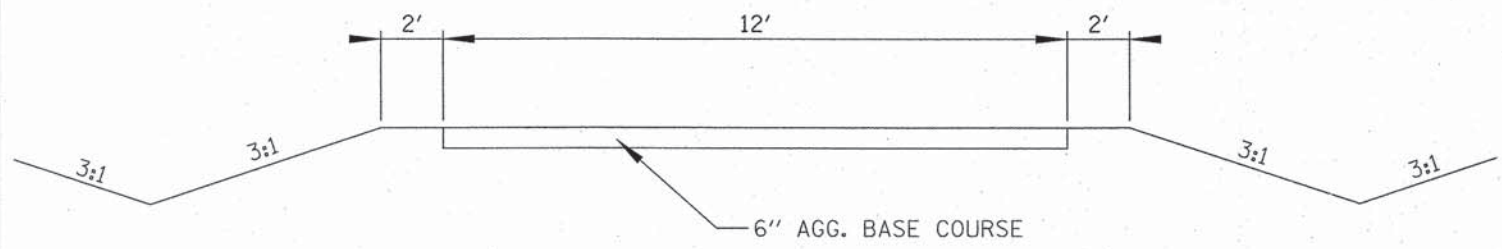
EXISTING TYPICAL SECTION
STA 100+30 TO STA 106+34



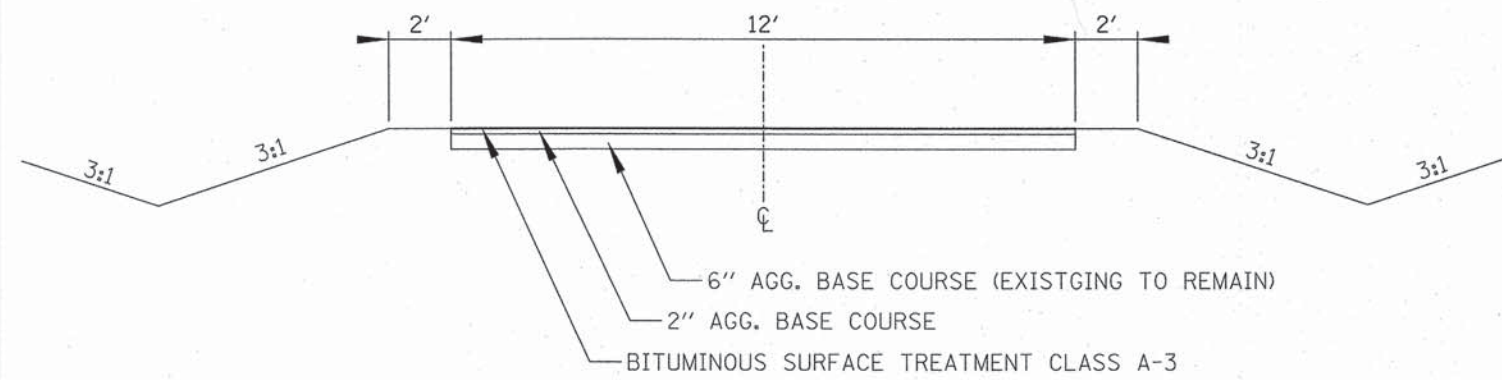
PROPOSED TYPICAL SECTION
STA 100+30 TO STA 106+34

CITY OF SHELBYVILLE
SECTION : 12-00053-00-RS
MULTI-USE TRAIL
TYPICAL SECTIONS

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CITY OF SHELBYVILLE
SECTION : 12-00053-00-RS
ROUTE : N 9th STREET
SHEET <u>8</u> OF <u>49</u>



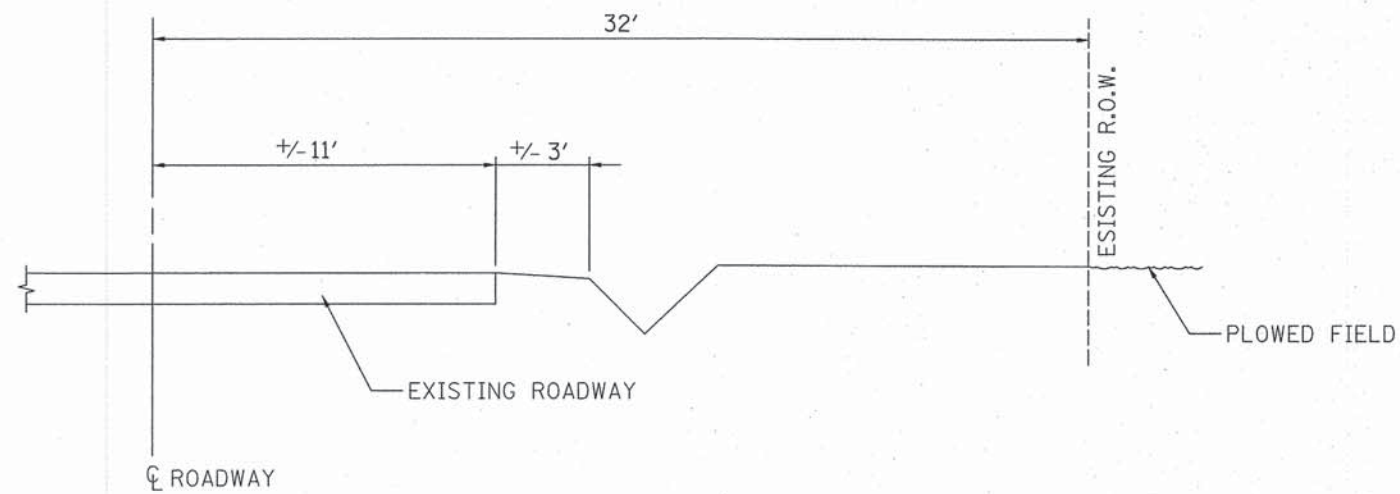
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 STA 400+00 TO STA 409+62
 STA 500+00 TO STA 509+77



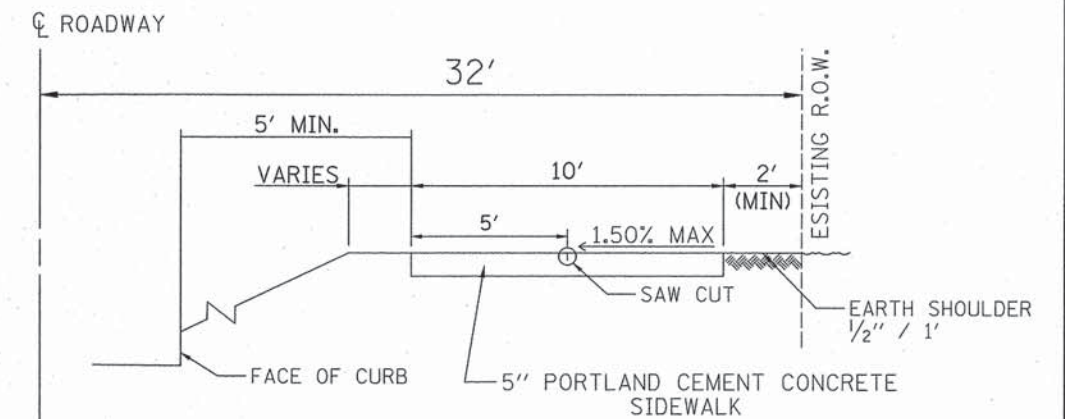
PROPOSED TYPICAL SECTION
 STA 400+00 TO STA 409+62
 STA 500+00 TO STA 509+77

CITY OF SHELBYVILLE
 SECTION : 12-00053-00-RS
 MULTI-USE TRAIL
 TYPICAL SECTIONS

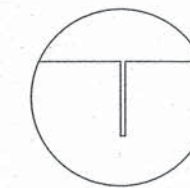
CONTRACT No. 95734
 CITY OF SHELBYVILLE
 SECTION : 12-00053-00-RS
 ROUTE : N 9th STREET
 SHEET 9 OF 49



EXISTING TYPICAL SECTION
 MULTI-USE TRAIL
 STA 23+89 to STA 28+75

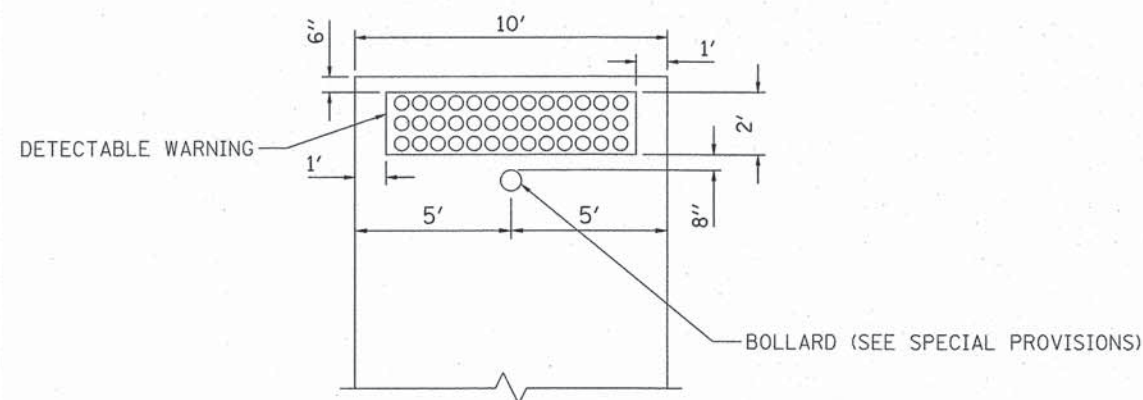


PROPOSED TYPICAL SECTION
 MULTI-USE TRAIL
 STA 23+89 to STA 28+75



1/8" WIDE x 1.67" DEEP
 SAWCUT

BOLLARD	
STATION	QUANTITY
23+89	1 EACH
28+01	1 EACH
28+29	1 EACH
TOTAL	3 EACH

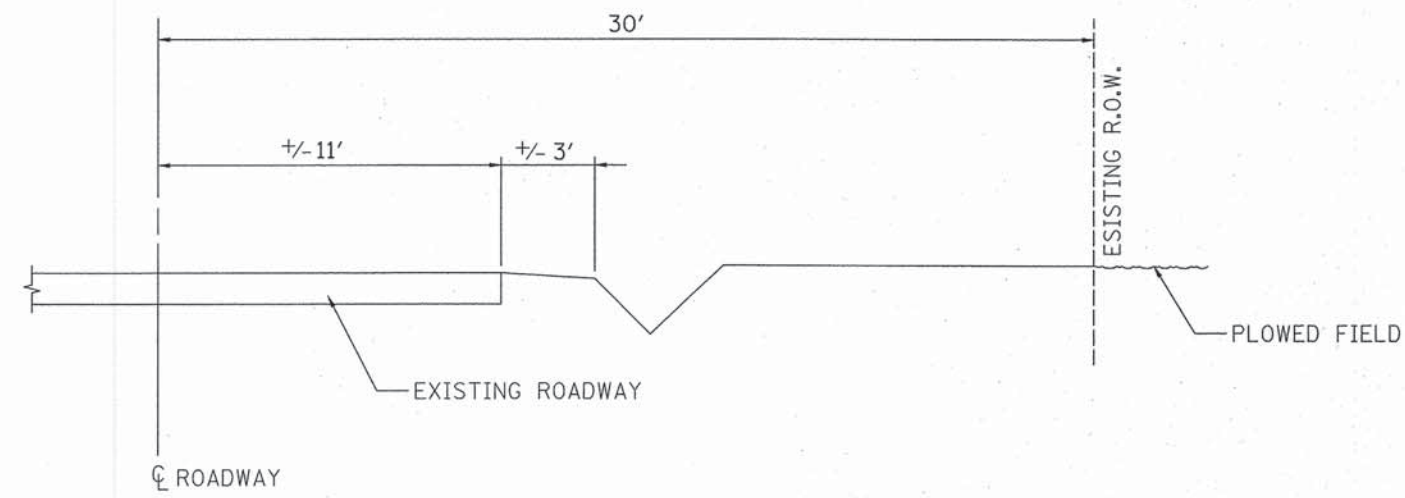


BOLLARD DETAIL

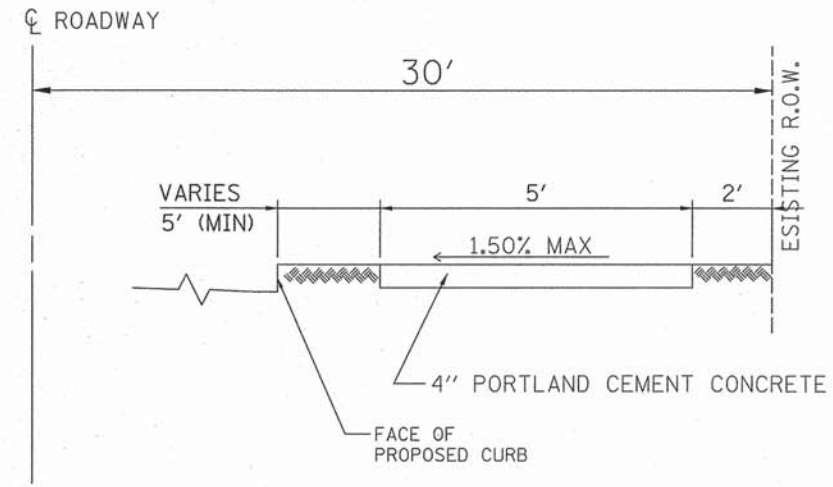
PORTLAND CEMENT CONCRETE SIDEWALK 5"		
STA	WIDTH	QUANTITY
23+89 TO 28+05	10 FOOT	4160 SQ.FT.
28+25 TO 28+75	10 FOOT	500 SQ.FT.
TOTAL		4660 SQ.FT.

CITY OF SHELBYVILLE
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 MULTI-USE TRAIL
 TYPICAL SECTIONS

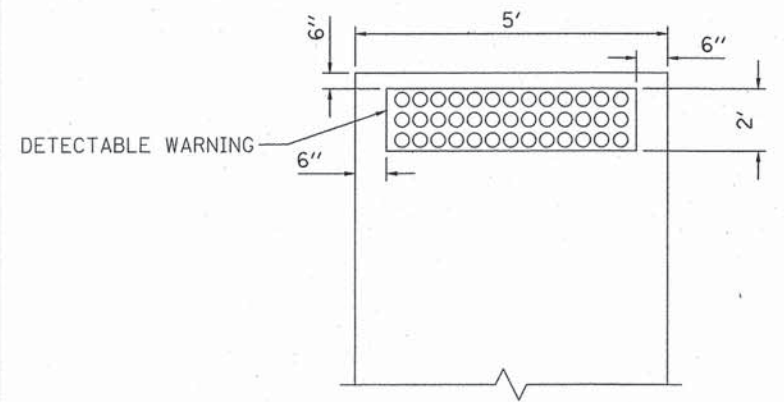
CONTRACT No. 95734
 CITY OF SHELBYVILLE
 SECTION : 12-00053-00-RS
 ROUTE : N 9th STREET
 SHEET 10 OF 49



EXISTING TYPICAL SECTION
 SIDEWALK
 STA 9+92 to STA 23+69



PROPOSED TYPICAL SECTION
 SIDEWALK
 STA 9+92 to STA 23+69



DETECTABLE WARNING DETAIL

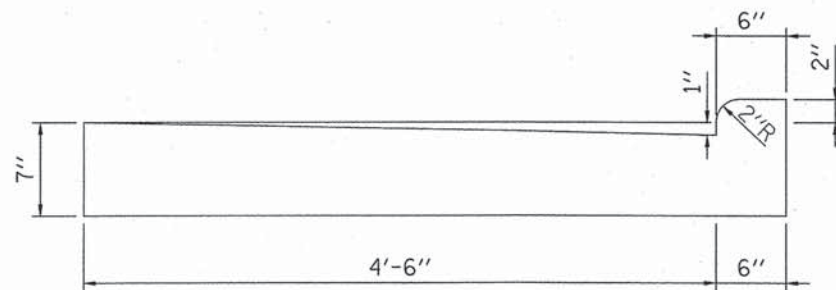
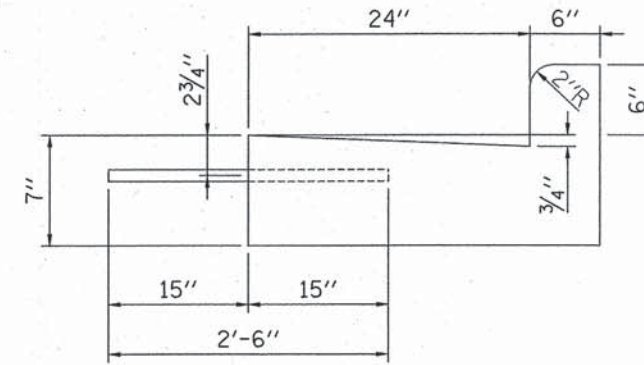
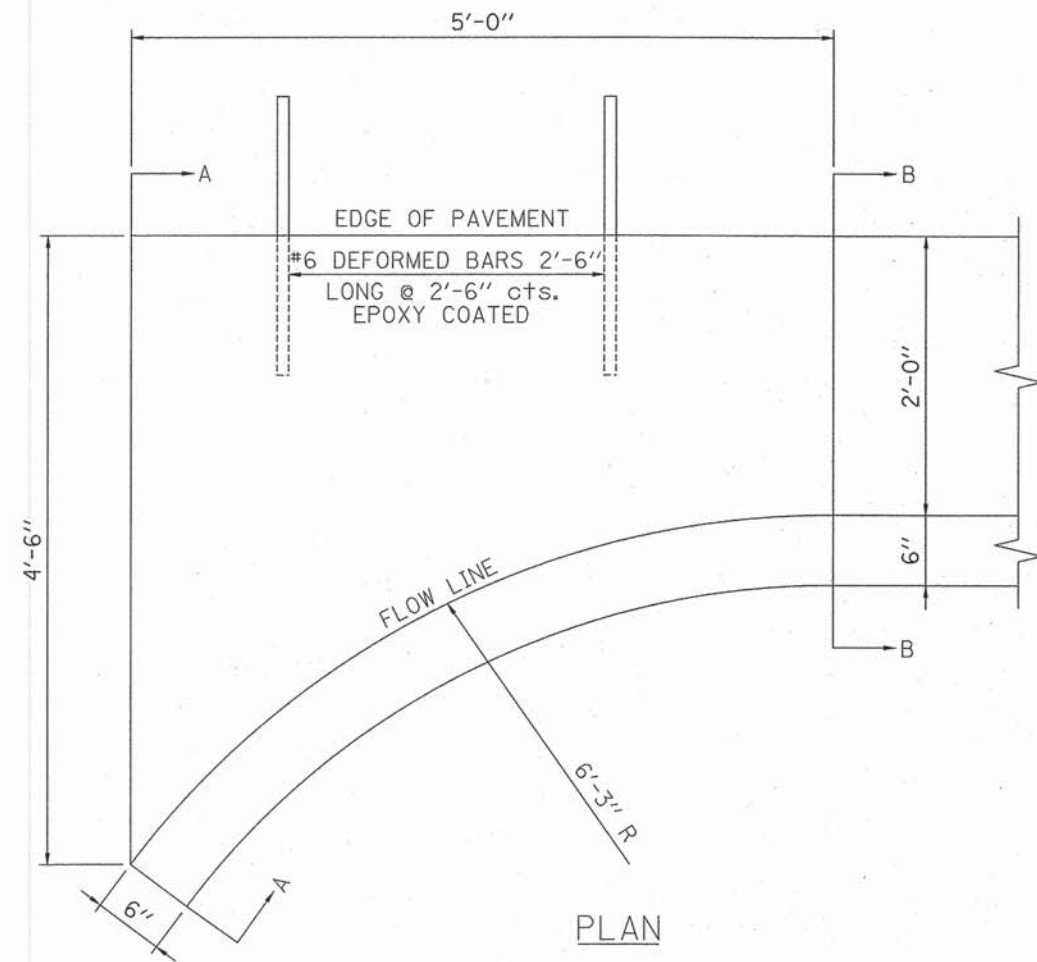
DETECTABLE WARNINGS		
STA	WIDTH	QUANTITY
28+32.5 TO 28+34.5	8 FOOT	16 SQ.FT.
28+02.5 TO 28+04.5	8 FOOT	16 SQ.FT.
23+88 TO 23+90	8 FOOT	16 SQ.FT.
23+56 TO 23+58	4 FOOT	8 SQ.FT.
15+12 TO 15+14	4 FOOT	8 SQ.FT.
15+53 TO 15+55	4 FOOT	8 SQ.FT.
TOTAL		72 SQ.FT.

PORTLAND CEMENT CONCRETE SIDEWALK 4"		
STA	WIDTH	QUANTITY
9+45 TO 23+69-RIGHT	5 FOOT	7120 SQ.FT.
TOTAL		7120 SQ.FT.

CITY OF SHELBYVILLE
 SECTION : 12-00053-00-RS
 SIDEWALK
 TYPICAL SECTIONS

DETAIL OF SPECIAL OUTLETS FOR COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24

CONTRACT No. 95734
 CITY OF SHELBYVILLE
 SECTION : 12-00053-00-RS
 ROUTE : N 9th STREET
 SHEET 11 OF 49



OUTLET SPECIAL		
STATION	O/S	QUANTITY
26+30	13' RT	1.0 EACH
27+15	13' LT	1.0 EACH
	TOTAL	2.0 EACH

CITY OF SHELBYVILLE
 SECTION : 12-00053-00-RS
 DETAIL COMBINATION
 CURB AND GUTTER OUTLET

CONTRACT No. 95734
CITY OF SHELBYVILLE
SECTION : 12-00053-00-RS
ROUTE : N 9th STREET
SHEET 12 OF 49

FILTER FABRIC		
STA	O/S	QUANTITY
29+50	24 RT	28 SQ.YD.
30+00	25 RT	28 SQ.YD.
28+90 TO 29+10	22 RT	90 SQ.YD.
	TOTAL	146 SQ.YD.

AGGREGATE DITCH CHECKS		
STA	O/S	TONS
29+50	24 RT	19
30+00	25 RT	19
	TOTAL	38

STONE RIP-RAP CL A-4		
STA	O/S	TONS
28+90 TO 29+10	22 RT	63
	TOTAL	63

SEEDING CLASS 1			
STA	O/S	FEET SQUARED	ACREAGE
9+45 TO 17+35	30 LT TO 30 RT	22120	0.5
17+35 TO 28+05	30 LT TO 30 RT	24610	0.6
	TOTAL	46730	1.1

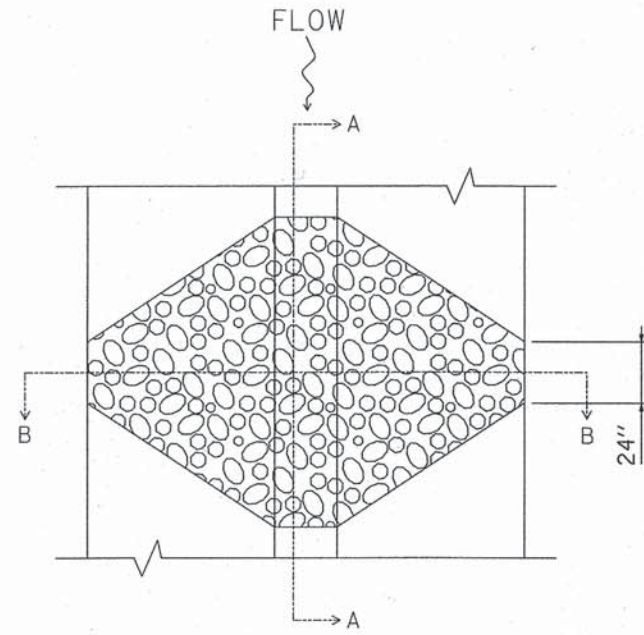
SEEDING CLASS 2		
STA	O/S	ACREAGE
30+00 TO 28+05	C.L. TO 30 RT	0.1
	TOTAL	0.1

TOTAL MULCH METHOD 2		
STA	O/S	ACREAGE
9+45 TO 17+35	30 LT TO 30 RT	0.5
17+35 TO 28+05	30 LT TO 30 RT	0.6
28+05 TO 30+00	C.L. TO 30 RT	0.1
	TOTAL	1.2

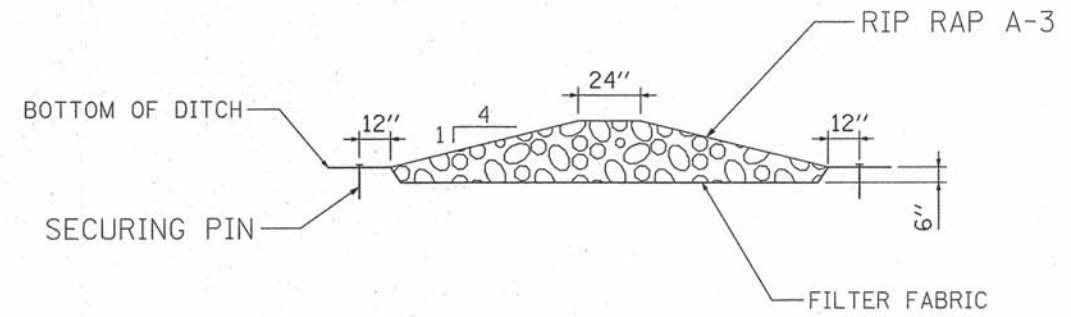
FERTILIZER				
STA	O/S	NITROGEN	PHOSPHORUS	POTASSIUM
		LBS	LBS	LBS
9+45 TO 17+35	30 LT TO 30 RT	45	45	45
17+35 TO 28+05	30 LT TO 30 RT	54	54	54
28+05 TO 30+00	C.L. TO 30 RT	9	9	9
	TOTAL	108	108	108

CITY OF SHELBYVILLE
SECTION : 12-00053-00-RS

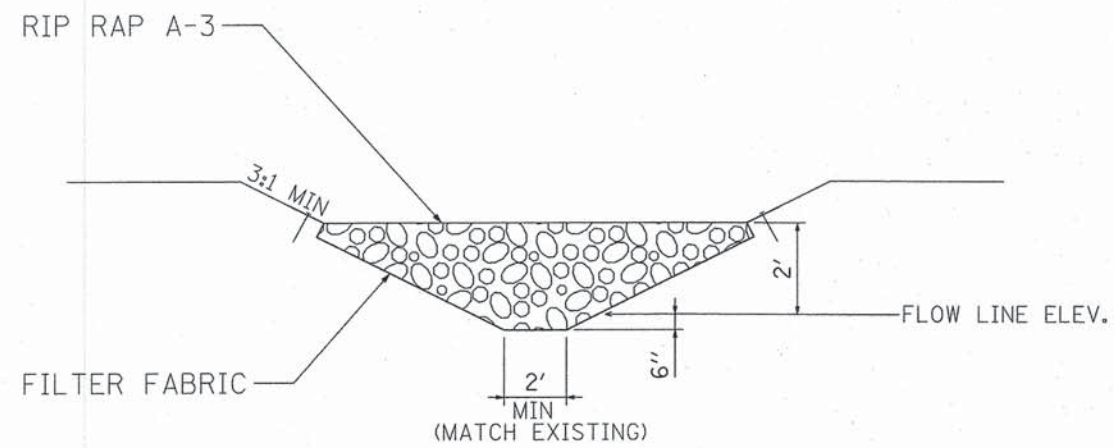
SCHEDULES



PLAN



SECTION A-A



SECTION B-B

NOTE: DIMENSIONS IN FIELD TO BE MODIFIED AS DIRECTED BY THE ENGINEER

EARTHWORK SCHEDULE					
STATION	LOCATION	EARTH EXCAVATION	EARTH EX. (ADJUSTED FOR SHRINKAGE)	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
9+45 TO 28+05	MAINLINE	192	144	625	-481
	TOTAL:	192	144	625	(*) -481

* FURNISHED EXCAVATION REQUIRED FOR THIS SECTION.
ALL QUANTITIES IN CUBIC YARDS.

PIPE CULVERTS TY 1 CL D-12"		
STA	O/S	LENGTH
9+66	20' LT	38 FOOT
28+35	AR	38 FOOT
	TOTAL	76 FOOT

INLET AND PIPE PROTECTION		
STATION	O/S	QUANTITY
9+47	20' LT	1.0 EACH
9+99	26' LT	1.0 EACH
10+98	26' LT	1.0 EACH
11+09	19' RT	1.0 EACH
12+12	26' LT	1.0 EACH
13+36	26' LT	1.0 EACH
14+49	23' LT	1.0 EACH
14+52	19' RT	1.0 EACH
18+85	17' RT	1.0 EACH
19+01	25' LT	1.0 EACH
20+80	17' RT	1.0 EACH
20+82	22' LT	1.0 EACH
21+53	16' RT	1.0 EACH
21+59	23' LT	1.0 EACH
22+42	22' LT	1.0 EACH
22+91	23' LT	1.0 EACH
23+52	23' LT	1.0 EACH
24+25	23' LT	1.0 EACH
26+18	23' LT	1.0 EACH
27+77	16' RT	1.0 EACH
28+35	19' RT	1.0 EACH
	TOTAL	21.0 EACH

METAL END SECTION 15"		
STA	O/S	QUANTITY
27+97	48' RT	1.0 EACH
	TOTAL	1.0 EACH

TREE REMOVAL (6 TO 15 UNITS DIAMETER)		
STA	O/S	QUANTITY
11+26	26 RT	8.0
12+78	28 RT	10.0
	TOTAL	18.0 UNIT

METAL END SECTION 21"		
STA	O/S	QUANTITY
12+82	28.5' RT	1.0 EACH
28+90	22' RT	1.0 EACH
	TOTAL	2.0 EACH

TREE REMOVAL (OVER 15 UNITS DIAMETER)		
STA	O/S	QUANTITY
12+51	27 LT	32.0
12+97	26 RT	24.0
13+00	29 LT	35.0
13+79	26 LT	33.0
15+60	27 LT	24.0
16+48	28 LT	26.0
	TOTAL	174.0 UNIT

TEMPORARY EROSION CONTROL SEEDING	
STA	POUND
9+45 TO 30+00	240
(*) TOTAL	240

(*) TOTAL FOR ONE APPLICATION OF THE ENTIRE PROJECT, TO BE APPLIED AS DIRECTED BY THE ENGINEER

TEMPORARY SEEDING

THE QUANTITY IN THE PLANS IS ESTIMATED TO ESTABLISH A CONTRACT UNIT PRICE. FINAL PAYMENT WILL BE MADE BASED ON THE AMOUNT ORDERED AND INSTALLED.

TEMPORARY SEEDING SHALL BE PLACED AS DIRECTED BY THE ENGINEER.

PERIMETER EROSION BARRIER

PERIMETER EROSION BARREIR SHALL BE PLACED AT LOCATIONS AS DIRCTED BY THE ENGINEER.

THE QUANTITY IN THE PLANS IS ESTIMATED TO ESTABLISH A CONTRACT UNIT PRICE. FINAL PLAYMENT WIL BE MADE BASED UPON THE AMOUNT ORDERED AND INSTALLED.

STORM SEWER CLASS B TYPE 1-18"	
STA TO STA	LENGTH (FOOT)
STA 13+36 13'RT TO STA 13+35 19'RT	6
STA 24+27 13'RT TO STA 23+52 13'RT	75
STA 26+18 13'RT TO STA 24+27 13'RT	191
STA 28+90 22'RT TO STA 26+20 13'RT	270
TOTAL	542

STORM SEWER CLASS B TYPE 1-15"	
STA TO STA	LENGTH (FOOT)
STA 13+36 13'RT TO STA 11+00 13'RT	236
STA 13+36 26'RT TO STA 13+36 13'LT	13
STA 13+36 13'LT TO STA 13+36 13'RT	26
STA 14+50 13'RT TO STA 14+49 13'LT	26
STA 14+50 13'RT TO STA 13+36 13'RT	114
STA 19+00 13'RT TO STA 17+53 13'RT	147
STA 20+81 13'RT TO STA 19+00 13'RT	181
STA 21+64 13'RT TO STA 20+81 13'RT	83
STA 23+52 13'RT TO STA 21+64 13'RT	188
STA 23+52 23'LT TO STA 23+52 13'LT	10
STA 23+52 13'RT TO STA 23+52 13'LT	26
TOTAL	1050

STORM SEWER CLASS B TYPE 1-12"	
STA TO STA	LENGTH (FOOT)
STA 10+99 26'LT TO STA 9+99 26'LT	100
STA 11+00 13'LT TO STA 10+99 26'LT	14
STA 11+00 13'RT TO STA 11+00 13'LT	26
STA 11+09 19'RT TO STA 11+00 13'RT	11
STA 13+36 26'LT TO STA 12+12 26'LT	124
STA 14+49 23'LT TO STA 14+49 13'LT	10
STA 14+50 13'RT TO STA 14+52 19'RT	7
STA 16+00 13'RT TO STA 16+00 13'LT	26
STA 16+00 13'RT TO STA 14+50 13'RT	150
STA 17+53 13'RT TO STA 17+53 13'LT	26
STA 19+00 13'RT TO STA 19+00 13'LT	26
STA 19+01 25'LT TO STA 19+00 13'LT	12
STA 20+82 22'LT TO STA 20+81 17'LT	5
STA 20+81 12'RT TO STA 20+81 17'LT	30
STA 20+80 17'RT TO STA 20+81 13'RT	4
STA 21+64 13'RT TO STA 21+53 16'RT	12
STA 21+64 13'LT TO STA 21+59 23'LT	11
STA 21+64 13'RT TO STA 21+64 13'LT	26
STA 22+91 23'LT TO STA 22+42 22'LT	49
STA 23+52 23'LT TO STA 22+91 23'LT	61
STA 24+27 13'LT TO STA 24+25 23'LT	10
STA 24+27 13'RT TO STA 24+27 13'LT	26
STA 26+20 13'LT TO STA 26+18 23'LT	10
STA 26+20 13'RT TO STA 26+20 13'LT	26
STA 27+97 48'RT TO STA 27+87 17'RT	33
TOTAL	835

INLET TYPE B WITH TYPE 3 FRAME AND GRATE		
STA	O/S	QUANTITY
16+00	13' LT	1.0 EACH
16+00	13' RT	1.0 EACH
17+53	13' LT	1.0 EACH
	TOTAL	3.0 EACH

INLET TYPE A WITH TYPE 8 GRATE		
STA	O/S	QUANTITY
9+99	26' LT	1.0 EACH
11+09	19' RT	1.0 EACH
12+12	26' LT	1.0 EACH
14+52	19' LT	1.0 EACH
18+85	17' RT	1.0 EACH
20+80	17' RT	1.0 EACH
20+82	22' LT	1.0 EACH
21+53	16' RT	1.0 EACH
21+59	23' LT	1.0 EACH
22+42	22' LT	1.0 EACH
24+25	23' LT	1.0 EACH
26+18	23' LT	1.0 EACH
	TOTAL	12.0 EACH

INLET TYPE B WITH TYPE 8 GRATE		
STA	O/S	QUANTITY
10+98	26' LT	1.0 EACH
13+36	26' LT	1.0 EACH
14+49	23' LT	1.0 EACH
19+01	25' LT	1.0 EACH
22+91	23' LT	1.0 EACH
23+52	23' LT	1.0 EACH
27+87	23' LT	1.0 EACH
	TOTAL	7.0 EACH

TRENCH BACKFILL		
STA	O/S	QUANTITY
11+00	13 LT TO 13 RT	19 CU.YD
13+36	13 LT TO 13 RT	20 CU.YD
14+50	13 LT TO 13 RT	18 CU.YD
16+00	13 LT TO 13 RT	8 CU.YD
17+53	13 LT TO 13 RT	14 CU.YD
19+00	13 LT TO 13 RT	14 CU.YD
20+81	13 LT TO 13 RT	18 CU.YD
21+65	13 LT TO 13 RT	17 CU.YD
23+53	13 LT TO 13 RT	8 CU.YD
24+27	13 LT TO 13 RT	14 CU.YD
26+20	13 LT TO 13 RT	14 CU.YD
	TOTAL	164 CU.YD

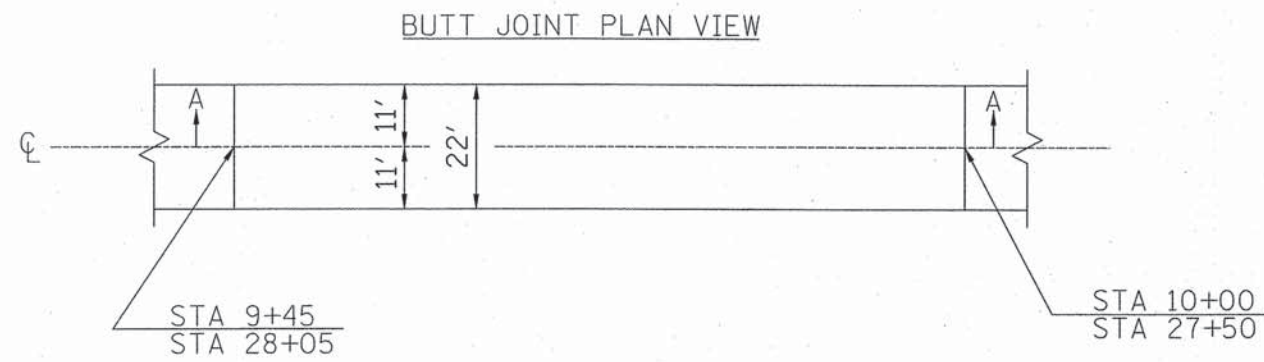
MANHOLE TYPE A 4FT DIA WITH TYPE 3 FRAME AND GRATE		
STA	O/S	QUANTITY
11+00	13' LT	1.0 EACH
13+36	13' LT	1.0 EACH
14+49	13' LT	1.0 EACH
19+00	13' LT	1.0 EACH
20+81	17' LT	1.0 EACH
21+64	13' LT	1.0 EACH
23+52	13' LT	1.0 EACH
24+27	13' LT	1.0 EACH
26+20	13' LT	1.0 EACH
	TOTAL	9.0 EACH

MANHOLE TYPE A 6FT DIA WITH TYPE 3 FRAME AND GRATE		
STA	O/S	QUANTITY
13+36	13' RT	1.0 EACH
14+50	13' RT	1.0 EACH
19+00	13' RT	1.0 EACH
20+81	13' RT	1.0 EACH
24+27	13' RT	1.0 EACH
26+20	13' RT	1.0 EACH
	TOTAL	6.0 EACH

MANHOLE TYPE A 6FT DIA WITH TYPE 8 GRATE		
STA	O/S	QUANTITY
13+35	19' RT	1.0 EACH
	TOTAL	1.0 EACH

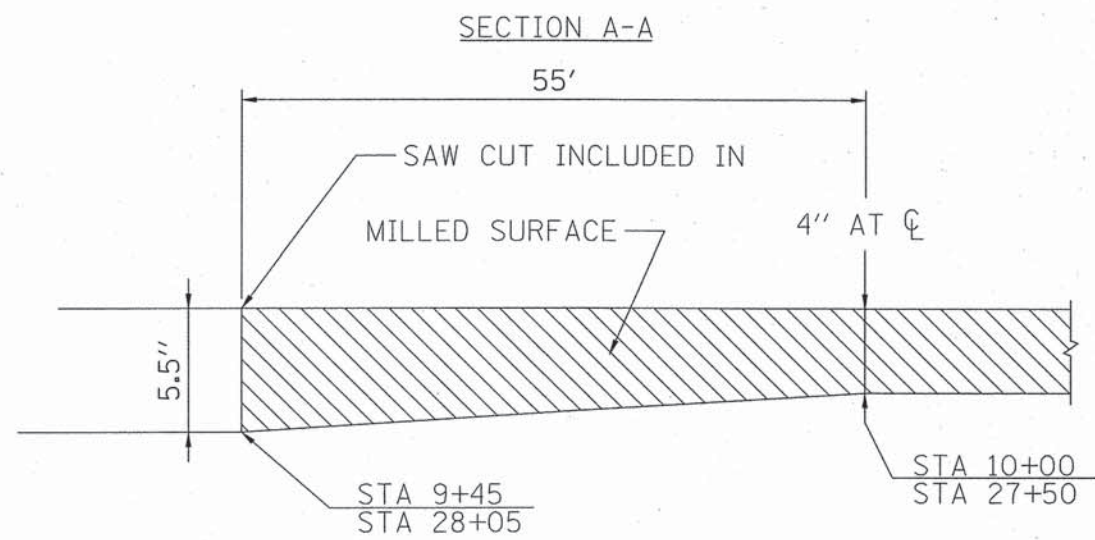
MANHOLE TYPE A 5FT DIA WITH TYPE 3 FRAME AND GRATE		
STA	O/S	QUANTITY
11+00	13' RT	1.0 EACH
17+53	13' RT	1.0 EACH
21+64	13' RT	1.0 EACH
23+52	13' RT	1.0 EACH
	TOTAL	4.0 EACH

CONTRACT No. 95734
 CITY OF SHELBYVILLE
 SECTION : 12-00053-00-RS
 ROUTE : N 9th STREET
 SHEET 16 OF 49



HOT MIX ASPHALT SURFACE REMOVAL - BUTT JOINT

STATION TO STATION	WIDTH	QUANTITY
STA 9+45 TO STA 10+00	22 FT	134
STA 27+50 TO STA 28+05	22 FT	147
STA 27+85 TO STA 28+05 (RAD)	20 FT RAD	38
TOTAL=		319 SQ.YD.



CITY OF SHELBYVILLE
 SECTION : 12-00053-00-RS
 BUTT JOINT
 DETAILS

CONTRACT No. 95734
CITY OF SHELBYVILLE
SECTION : 12-00053-00-RS
ROUTE : N 9th STREET
SHEET 17 OF 49

COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	
STA TO STA	QUANTITY
9+45 TO 26+30	1685 FOOT
9+45 TO 27+15	1770 FOOT
TOTAL	3455 FOOT

AGGREGATE SHOULDERS, TYPE A		
STA TO STA	O/S	QUANTITY
26+30 TO 28+05	13 RT	20 TON
27+15 TO 28+05	13 LT	24 TON
	TOTAL	44 TON

CITY OF SHELBYVILLE
SECTION : 12-00053-00-RS
SCHEDULES

CONTRACT No. 95734
CITY OF SHELBYVILLE
SECTION : 12-00053-00-RS
ROUTE : N 9th STREET
SHEET 18 OF 49

EPOXY PAVEMENT MARKING - LINE 4"			
STA TO STA	TYPE	COLOR	QUANTITY
9+45 TO 28+05	EDGE LINE	WHITE	1860
9+45 TO 28+05	SKIP DASH	YELLOW	470
9+45 TO 28+05	EDGE LINE	WHITE	1860
	TOTAL		4190 FEET

EPOXY PAVEMENT MARKING - LINE 6"				
LOCATION	STA	TYPE	COLOR	QUANTITY
PARK PLACE	15+34	CROSSWALK	WHITE	2 @ 34=68
CEMETARY ROAD	23+79	CROSSWALK	WHITE	2 @ 30=60
DAM ACCESS ROAD	28+15	CROSSWALK	WHITE	2 @ 20=40
		TOTAL		168 FEET

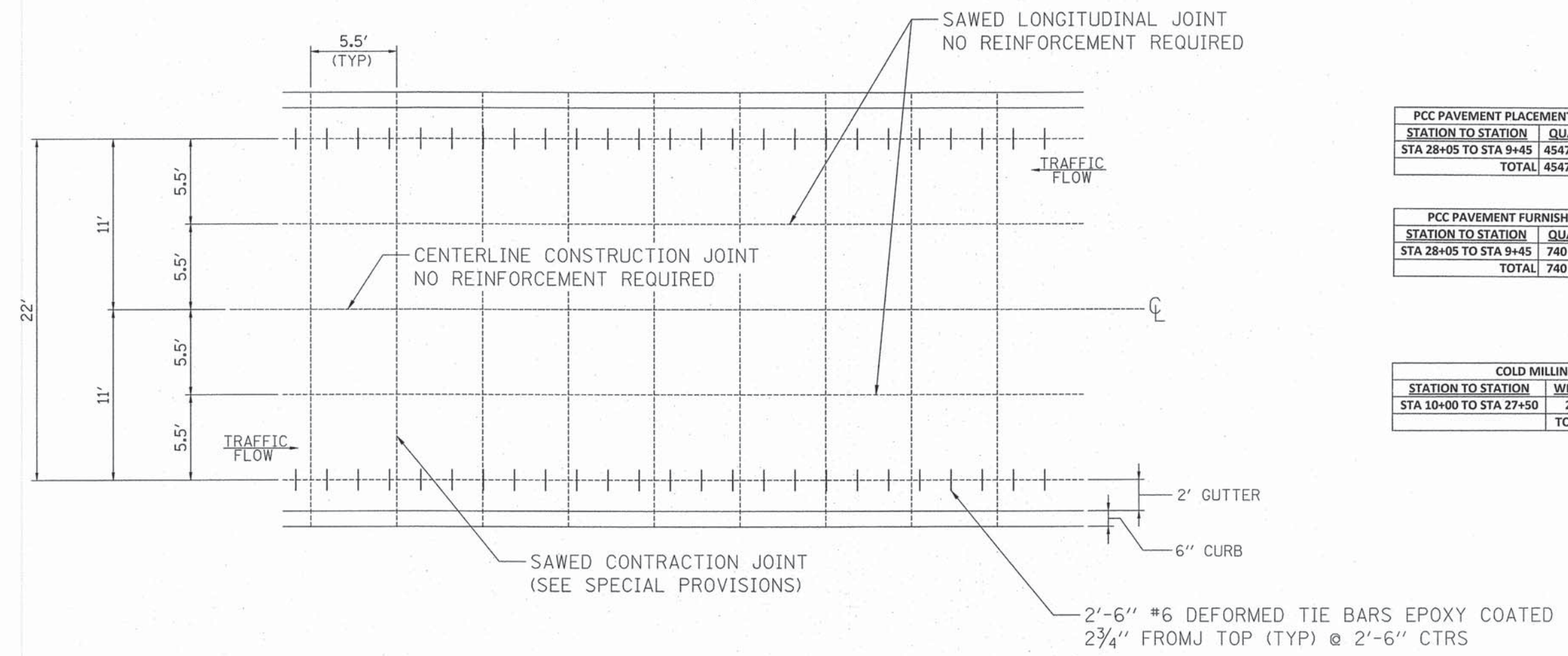
EPOXY PAVEMENT MARKING - LINE 12"				
LOCATION	STA	TYPE	COLOR	QUANTITY
PARK PLACE	15+34	CROSSWALK DIAGNOLS	WHITE	23 @ 6= 138
CEMETARY ROAD	23+79	CROSSWALK DIAGNOLS	WHITE	20 @ 6= 120
DAM ACCESS ROAD	28+15	CROSSWALK DIAGNOLS	WHITE	13 @ 6= 78
		TOTAL		336 FEET

EPOXY PAVEMENT MARKING - LINE 24 "				
LOCATION	STA	O/S	TYPE	QUANTITY
PARK PLACE	15+34	RT	STOP BAR	17
CEMETARY ROAD	23+79	RT	STOP BAR	15
MAIN LANE	28+00	RT	STOP BAR	13
DAM ACCESS ROAD	28+15	RT	STOP BAR	13
		TOTAL		58

CITY OF SHELBYVILLE
SECTION : 12-00053-00-RS
SCHEDULES

CONTRACT No. 95734
 CITY OF SHELBYVILLE
 SECTION : 12-00053-00-RS
 ROUTE : N 9th STREET
 SHEET 19 OF 49

CONTRACTION / CONSTRUCTION JOINTS
 STA 9+45 TO STA 28+05



PCC PAVEMENT PLACEMENT 5.5"

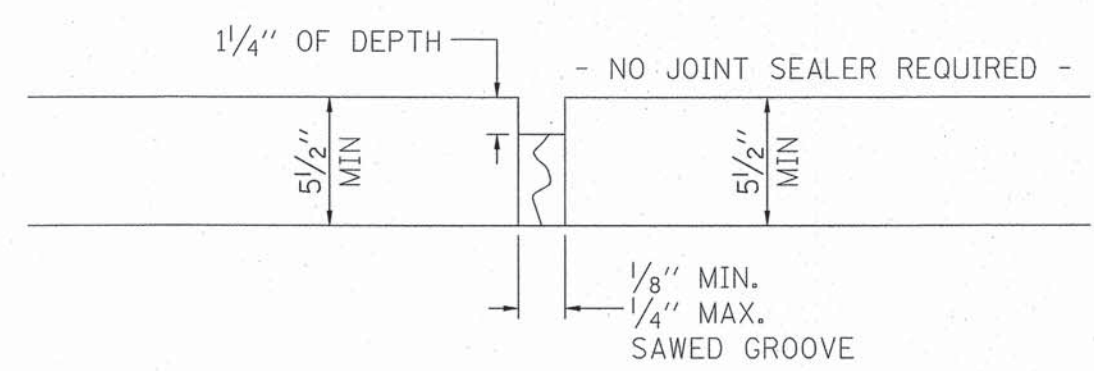
STATION TO STATION	QUANTITY
STA 28+05 TO STA 9+45	4547 SQ.YD.
TOTAL	4547 SQ.YD.

PCC PAVEMENT FURNISHED

STATION TO STATION	QUANTITY
STA 28+05 TO STA 9+45	740 CU.YD.
TOTAL	740 CU.YD.

COLD MILLING

STATION TO STATION	WIDTH	QUANTITY
STA 10+00 TO STA 27+50	22'	4278 SQ.YD.
TOTAL		4278 SQ.YD.



CITY OF SHELBYVILLE
 SECTION : 12-00053-00-RS
 P.C.C. OVERLAY
 JOINT DETAILS

CONTRACT No. 95734
 CITY OF SHELBYVILLE
 SECTION : 12-00053-00-RS
 ROUTE : N 9th STREET
 SHEET 20 OF 49

DRIVEWAY PAVEMENT REMOVAL		
STATION	O/S	QUANTITY (YARDS)
11+24	RT	32
12+37	RT	48
14+06	RT	52
16+75	RT	36
19+34	RT	60
19+34	LT	31
20+97	LT	28
21+85	LT	40
23+79	LT	56
TOTAL=		383

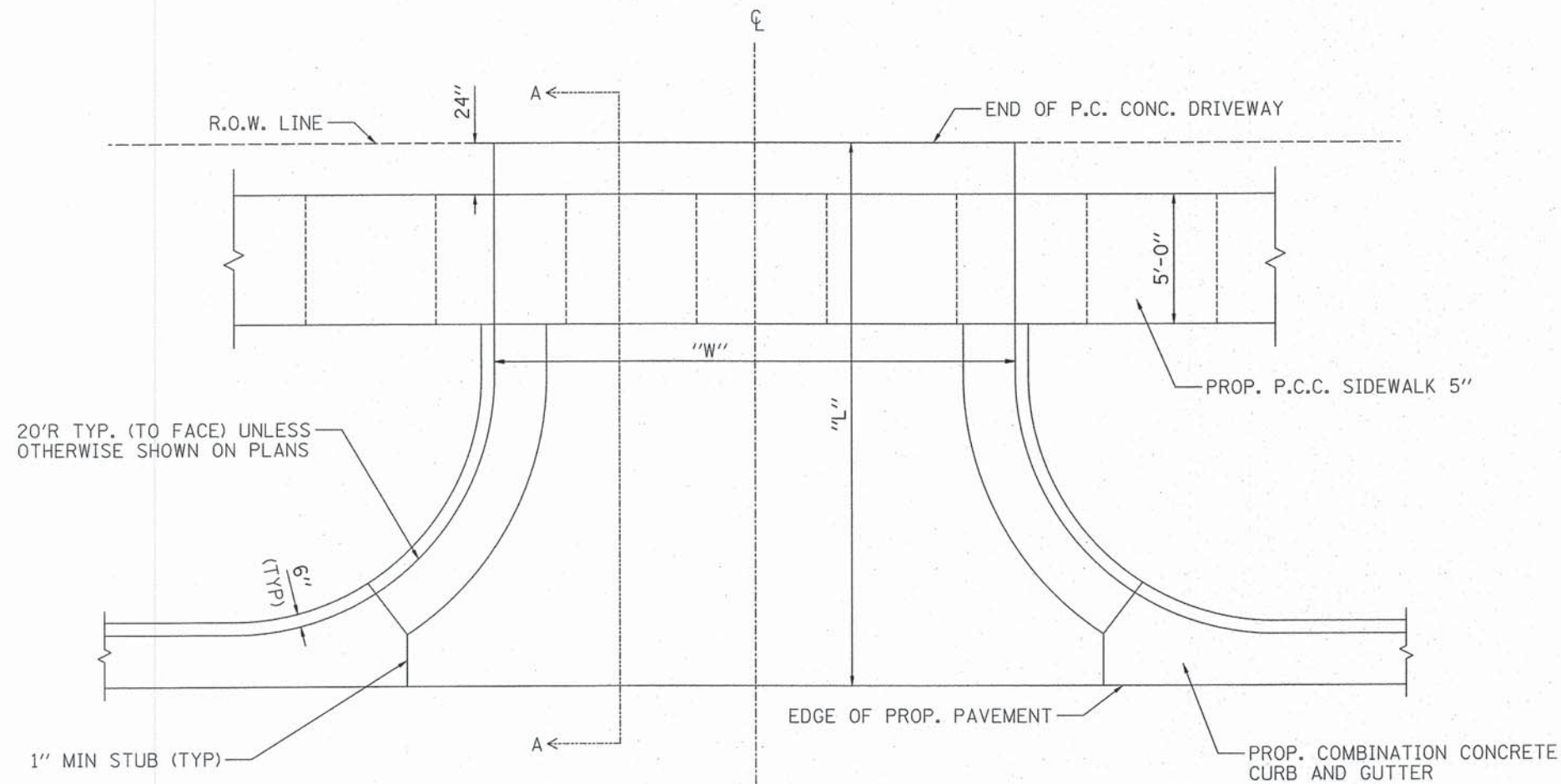
SIDEWALK REMOVAL		
STATION	O/S	QUANTITY (FOOT)
9+92 TO 10+02	23' RT TO 27' RT	40
TOTAL=		40

GUTTER REMOVAL		
STATION	O/S	QUANTITY (FOOT)
13+36	LT	28
TOTAL=		28

CITY OF SHELBYVILLE
 SECTION : 12-00053-00-RS
 REMOVAL SCHEDULES

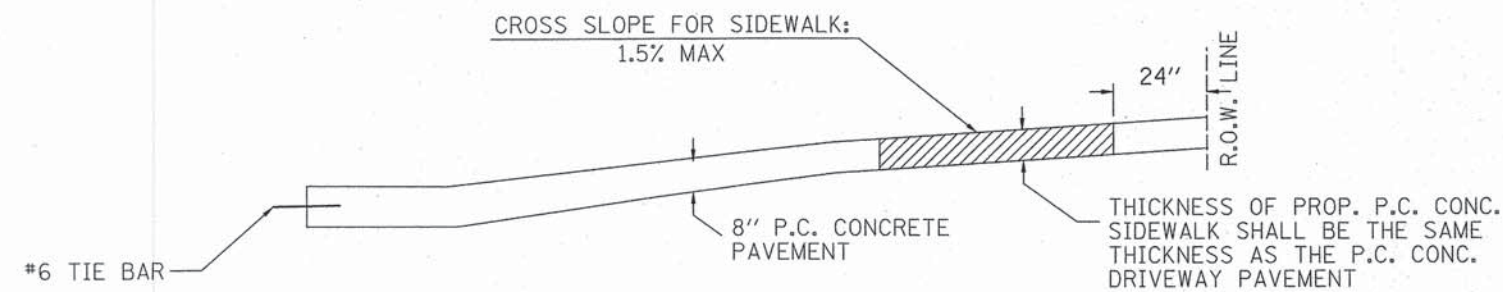
CONTRACT No. 95734
 CITY OF SHELBYVILLE
 SECTION : 12-00053-00-RS
 ROUTE : N 9th STREET
 SHEET 21 OF 49

DETAIL OF P.C. CONCRETE SIDE ROAD



PORTLAND CEMENT CONCRETE PAVEMENT 8"		
SIDE ROADS		
STATION	O/S	QUANTITY
15+43	RT	89 SQ/YD
23+74	RT	83 SQ/YD
	TOTAL	172 SQ/YD

PORTLAND CEMENT CONCRETE PAVEMENT 8"			
SIDE ROADS			
STA	O/S	WIDTH "W"	LENGTH "L"
15+43	RT	33 FT	19 FT
23+74	RT	30 FT	19 FT

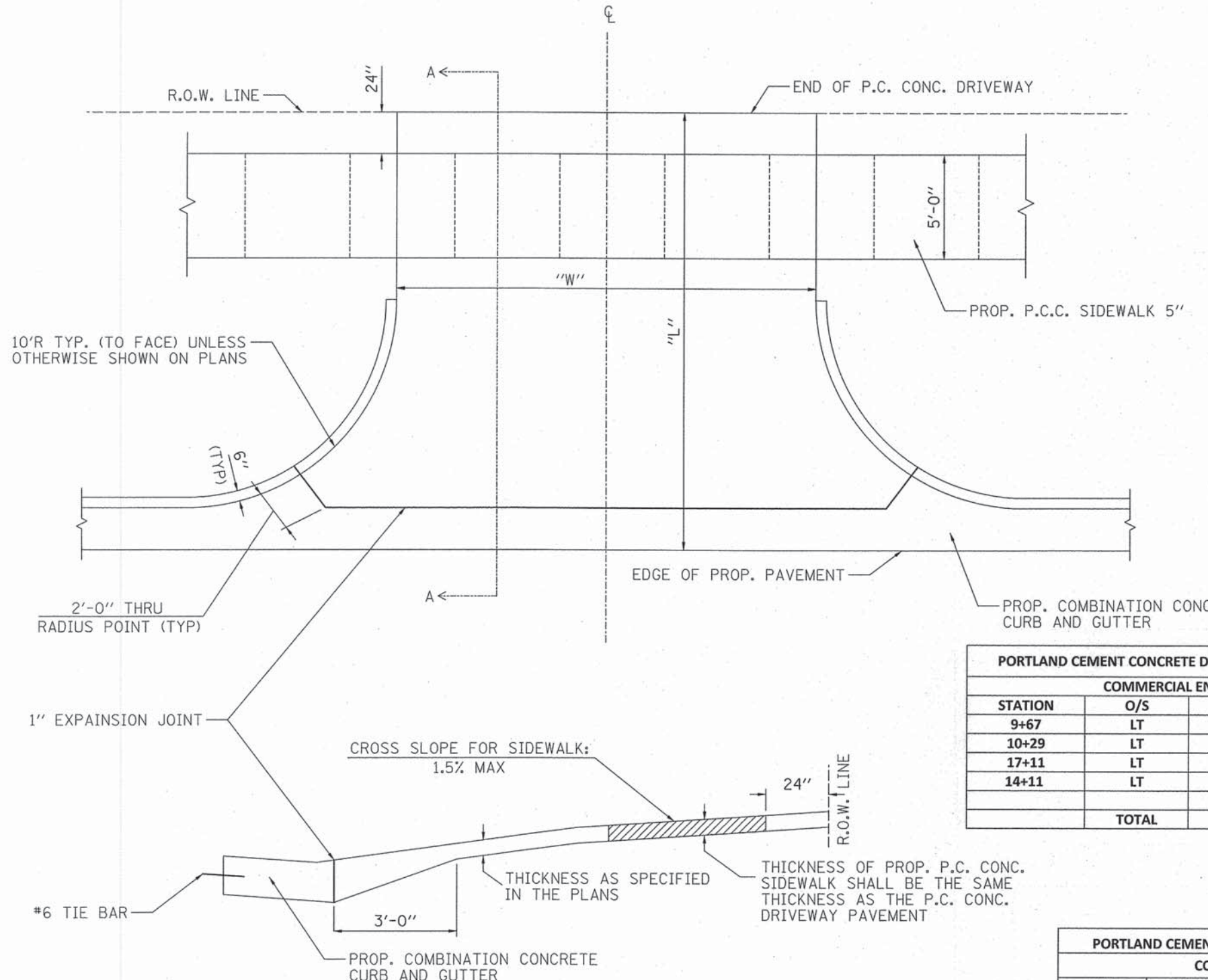


SECTION A-A

CITY OF SHELBYVILLE
 SECTION : 12-00053-00-RS
 SIDE ROAD
 DETAIL

CONTRACT No. 95734
 CITY OF SHELBYVILLE
 SECTION : 12-00053-00-RS
 ROUTE : N 9th STREET
 SHEET 22 OF 49

DETAIL OF P.C. CONCRETE DRIVEWAYS



SECTION A-A

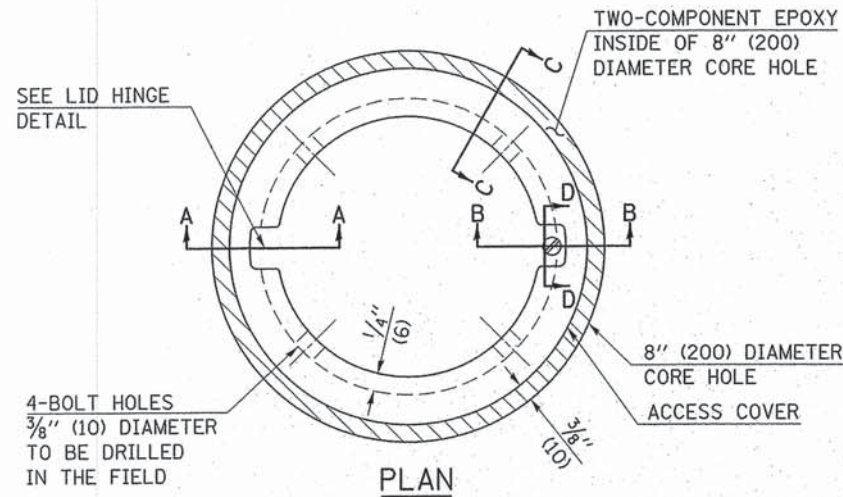
PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT 6"		
PRIVATE ENTRANCES		
STATION	O/S	QUANTITY
11+32	RT	28 SQ/YD
11+85	RT	58 SQ/YD
12+36	RT	53 SQ/YD
13+76	RT	26 SQ/YD
14+06	RT	53 SQ/YD
16+71	RT	71 SQ/YD
18+20	RT	47 SQ/YD
19+32	RT	71 SQ/YD
19+33	LT	47 SQ/YD
20+96	LT	33 SQ/YD
21+85	LT	48 SQ/YD
22+64	LT	31 SQ/YD
23+17	LT	31 SQ/YD
23+71	LT	50 SQ/YD
24+50	LT	47 SQ/YD
25+40	LT	47 SQ/YD
26+36	LT	28 SQ/YD
TOTAL		769 SQ/YD

PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT 6"			
PRIVATE ENTRANCES			
STA	O/S	WIDTH "W"	LENGTH "L"
11+32	RT	16 FT	19 FT
11+85	RT	25 FT	19 FT
12+36	RT	23 FT	19 FT
13+76	RT	10 FT	19 FT
14+06	RT	23 FT	19 FT
16+71	RT	18 FT	19 FT
18+20	RT	20 FT	19 FT
19+32	RT	31 FT	19 FT
19+33	LT	20 FT	19 FT
20+96	LT	12 FT	19 FT
21+85	LT	20 FT	19 FT
22+64	LT	12 FT	19 FT
23+17	LT	12 FT	19 FT
23+71	LT	21 FT	19 FT
24+50	LT	20 FT	19 FT
25+40	LT	20 FT	19 FT
26+36	LT	11 FT	19 FT

PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT 8"		
COMMERCIAL ENTRANCE		
STATION	O/S	QUANTITY
9+67	LT	48 SQ/YD
10+29	LT	46 SQ/YD
17+11	LT	91 SQ/YD
14+11	LT	53 SQ/YD
TOTAL		238 SQ/YD

PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT 8"			
COMMERCIAL ENTRANCE			
STA	O/S	WIDTH "W"	LENGTH "L"
9+67	LT	11 FT	23 FT
10+29	LT	10 FT	24 FT
14+11	LT	12 FT	25 FT
17+11	LT	34 FT	19 FT

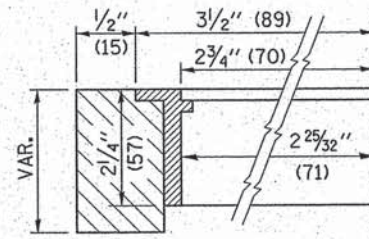
CITY OF SHELBYVILLE
 SECTION : 12-00053-00-RS
 P.E ENTRANCE
 DETAIL



LEGEND

- ALUMINUM CASTING
- 5" (125) OR 6" (150) P.V.C. PIPE
- TWO-COMPONENT EPOXY

T = THICKNESS OF PAVEMENT STRUCTURE
 H = THE THICKNESS OF THE SUB-BASE GRANULAR + 1" (25)

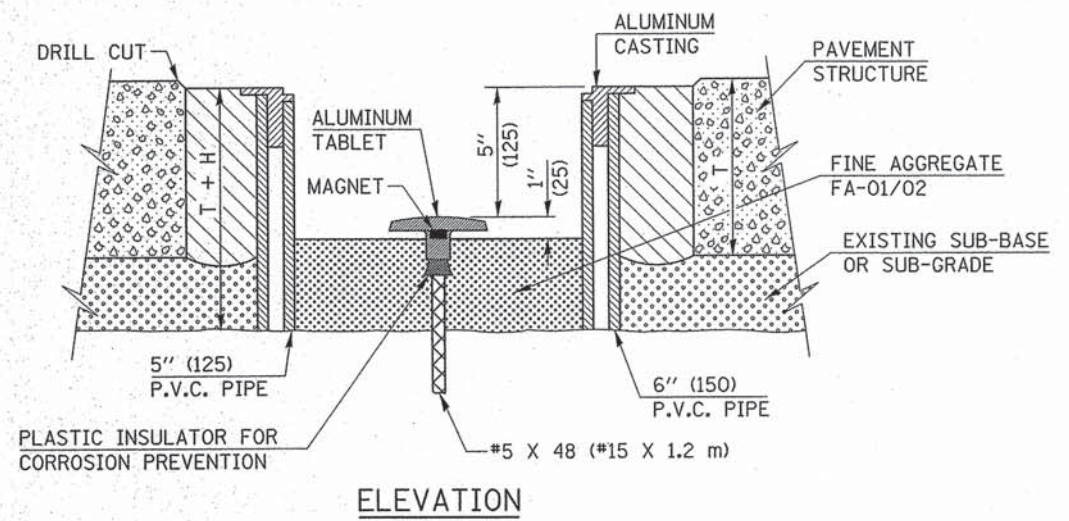
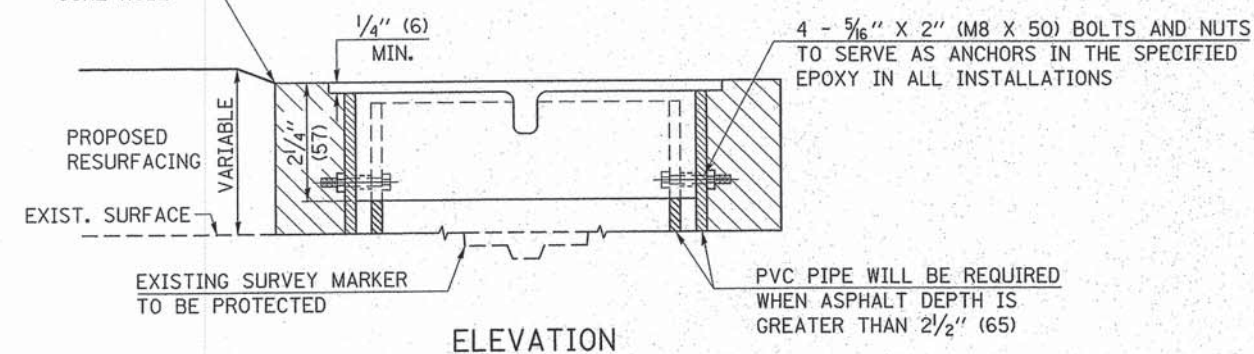
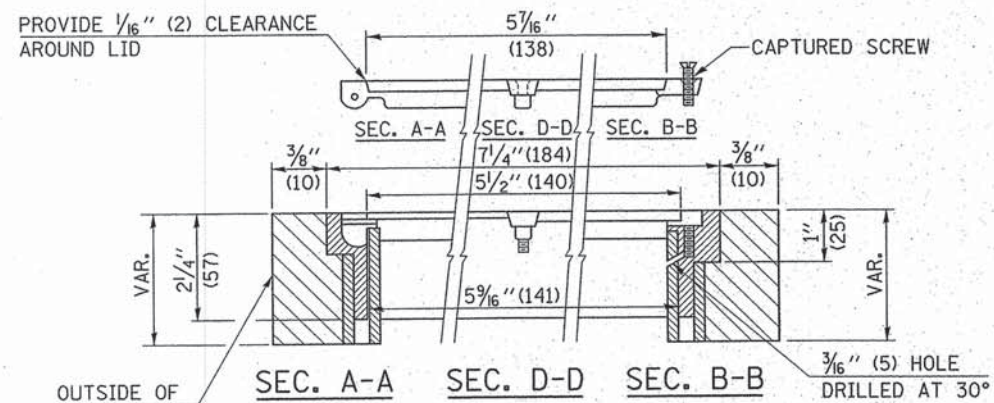
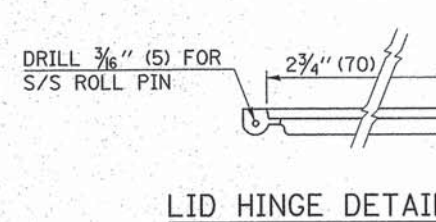


BILL OF MATERIAL

ALUMINUM CASTING OF THE DIMENSIONS AND SPECIFICATIONS SHOWN OR OTHER SUBJECT TO ENGINEER'S APPROVAL OF SHOP DRAWINGS, 4 EACH - 5/16" X 2" (M8 X 50) BOLTS WITH NUTS, EPOXY, 5" OR 6" (125 mm OR 150 mm) DIAMETER P.V.C. PIPE, SCHEDULE 40 (WHEN REQUIRED).

SURVEY MONUMENTS

STA	O/S	QUANTITY
15+36	2 RT	1
28+13	3 RT	1
	TOTAL	2



EXISTING SURVEY MARKER

PROPOSED SURVEY MARKER

NOT TO SCALE
 Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

CITY OF SHELBYVILLE

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00053-00-R5	SHELBY	49	23
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	

FILE NAME =	USER NAME = steffennk	DESIGNED -	REVISED - MAD 6-11
or\pw_work\pwi\dot\stef\stefennk\d0125864\Z078202.dgn		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

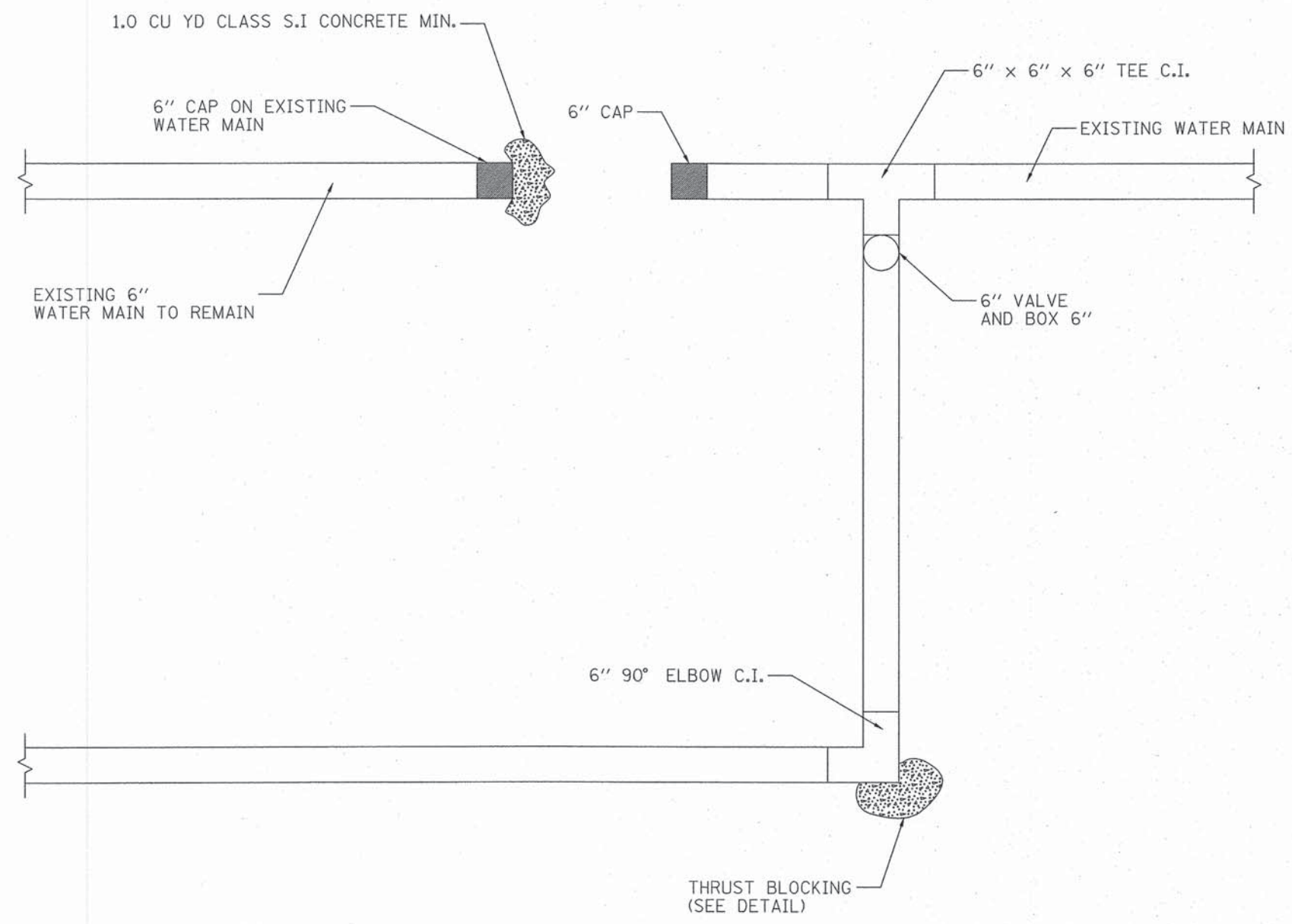
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SURVEY MARKER VAULT

SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.
--------	-----------	-----------	------	---------

CONTRACT No. 95734
CITY OF SHELBYVILLE
SECTION : 12-00053-00-RS
ROUTE : N 9th STREET
SHEET 24 OF 49

DETAIL CONSTRUCTION
 BEGIN STA 10+50 END STA 26+45



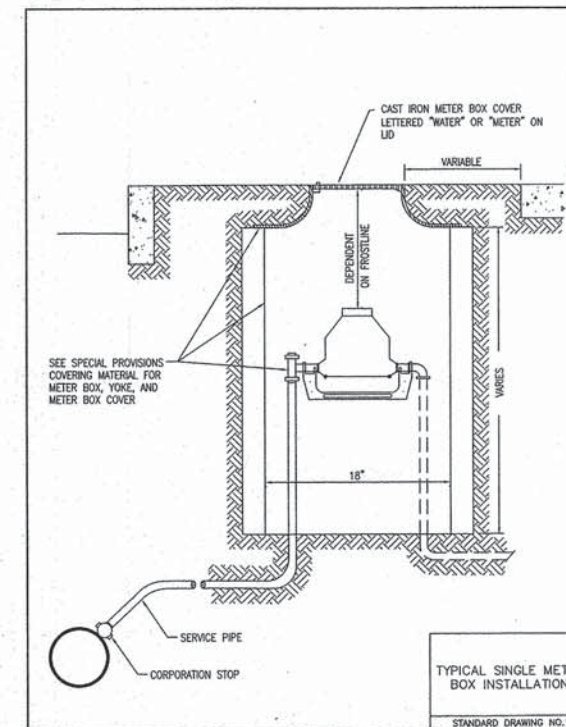
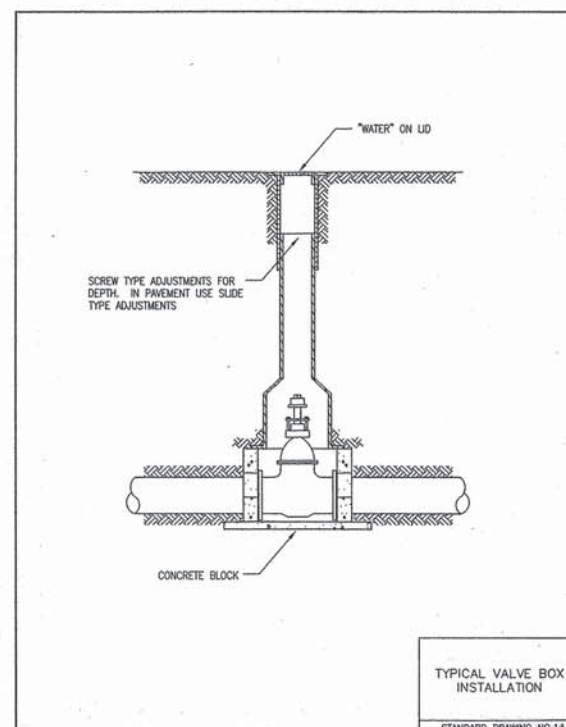
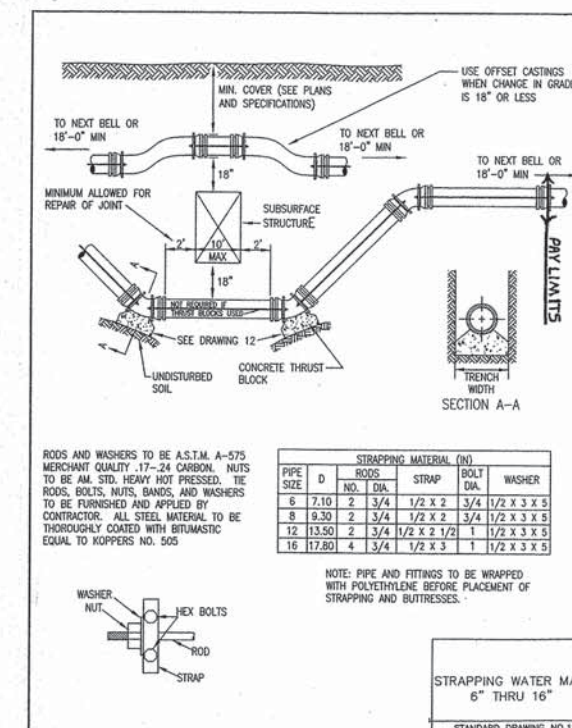
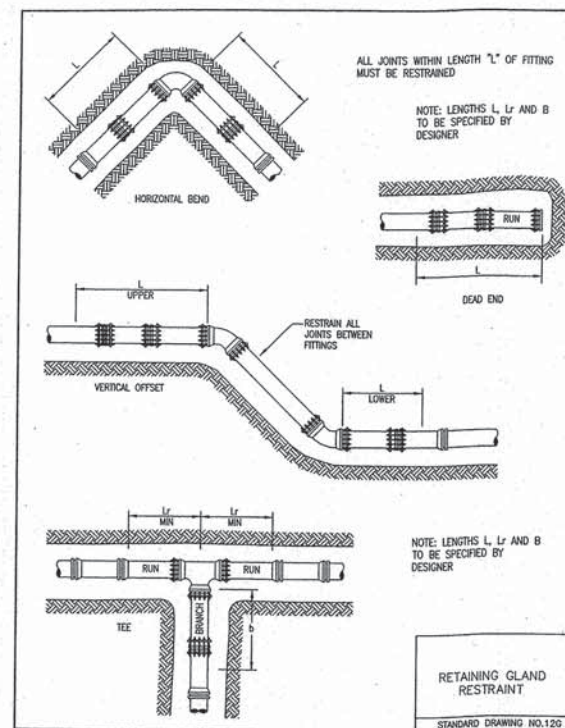
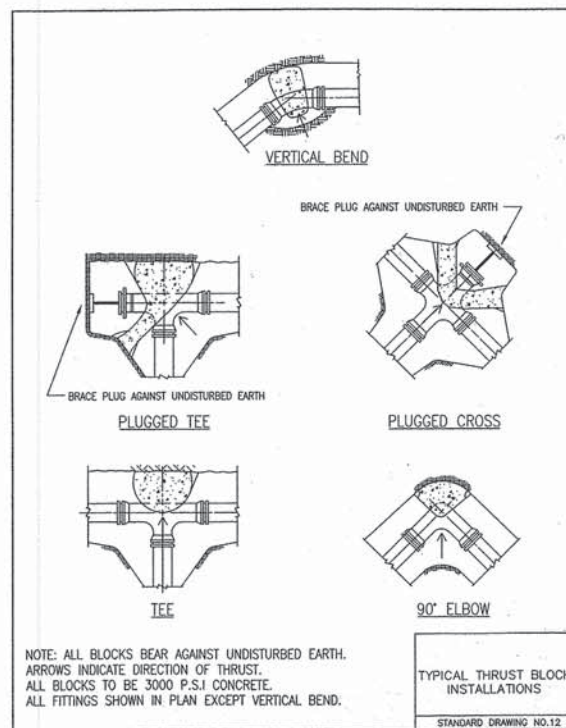
WATER MAIN CONSTRUCTION

THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS 6TH EDITION, DATED JULY 2009 SHALL GOVERN THE CONSTRUCTION OF ALL PROPOSED WATER MAIN/WATER LINE WORK ON THIS CONTRACT.

TRACER WIRE

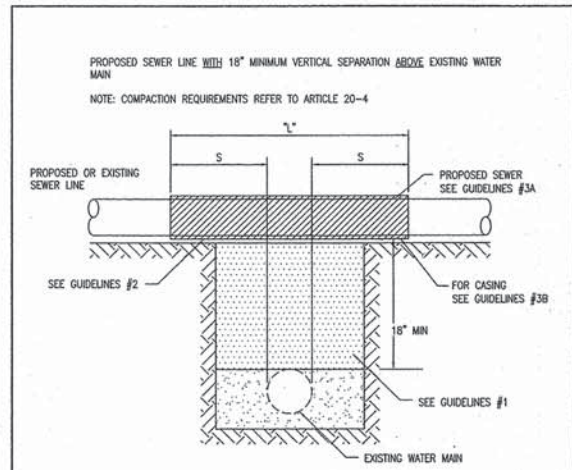
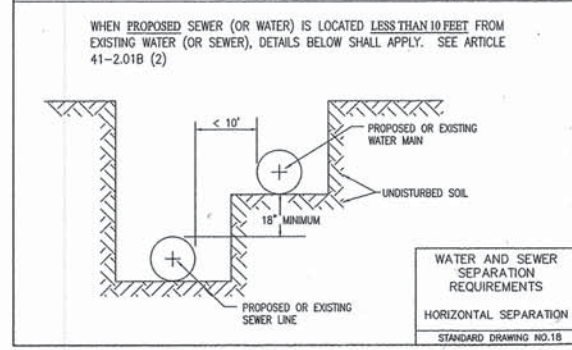
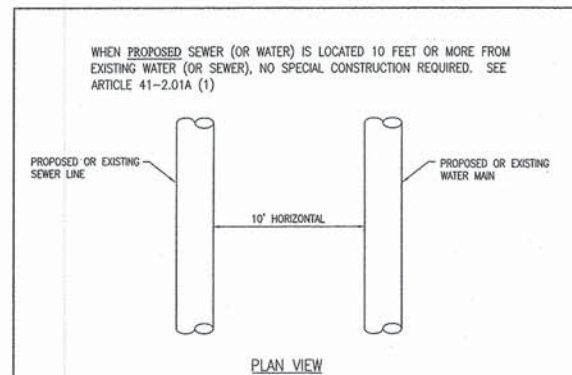
TRACER WIRE SHALL BE PLACED ABOVE ALL PVC PIPE.
 TRACER WIRE SHALL BE 12-GAUGE WIRE.
 TRACER WIRE SHALL BE INCLUDED IN THE UNIT COST OF WATER MAIN OF THE SIZE SPECIFIED.

CITY OF SHELBYVILLE
 SECTION : 12-00053-00-RS
 WATER MAIN
 CONSTRUCTION DETAIL



ADJUST WATER MAIN 6" (EACH)
 THIS WORK SHALL BE CONSTRUCTED AS SHOWN ON WATER MAIN STANDARD NO. 12S. IN THESE PLANS. THE UNIT PRICE SHALL INCLUDE ALL EQUIPMENT, LABOR, AND MATERIAL TO CONSTRUCT THIS IN ACCORDANCE WITH THE WATER MAIN STANDARD AS SHOWN.

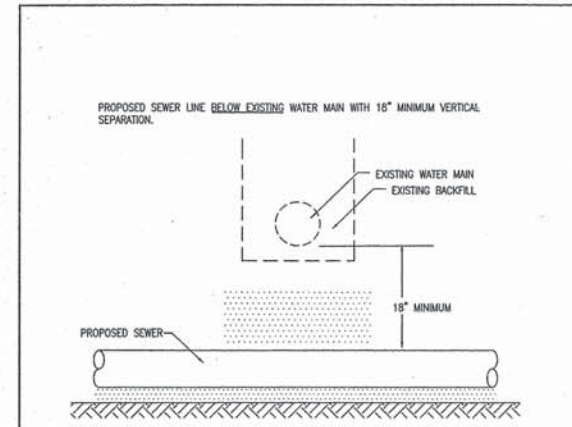
THE QUANTITY IN THE PLANS IS ESTIMATED TO ESTABLISH A CONTRACT UNIT PRICE. FINAL PAYMENT WILL BE MADE BASED UPON THE AMOUNT REQUIRED AND INSTALLED



GUIDELINES

- IF SELECT GRANULAR BACKFILL EXISTS: REMOVE WITHIN WIDTH OF PROPOSED SEWER TRENCH AND REPLACE WITH SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT
- OMIT SELECT GRANULAR EMBEDMENT AND GRANULAR BACKFILL TO ONE (1) FOOT OVER TOP OF SEWER AND USE SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT THE LENGTH OF "L" FEET.
- A) CONSTRUCT "L" FEET OF PROPOSED SEWER OF WATER MAIN MATERIAL AND PRESSURE TEST, OR;
 B) USE "L" FEET OF WATER MAIN MATERIAL FOR CASING OF PROPOSED SEWER AND SEAL ENDS OF CASING.

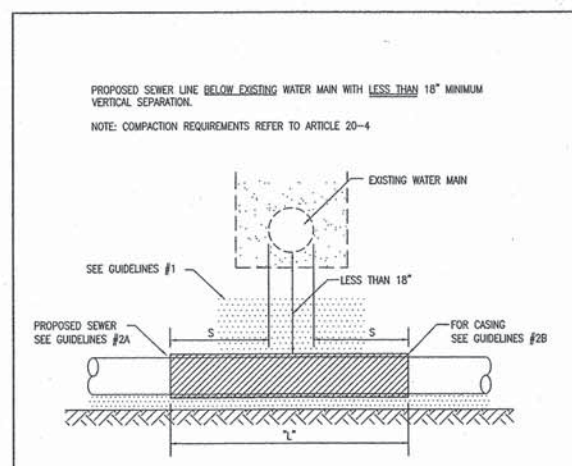
WATER AND SEWER SEPARATION REQUIREMENTS
 VERTICAL SEPARATION
 STANDARD DRAWING NO.19



GUIDELINES

- PROVIDE ADEQUATE SUPPORT FOR EXISTING WATER MAIN TO PREVENT DAMAGE DUE TO SETTLEMENT OF SEWER TRENCH.

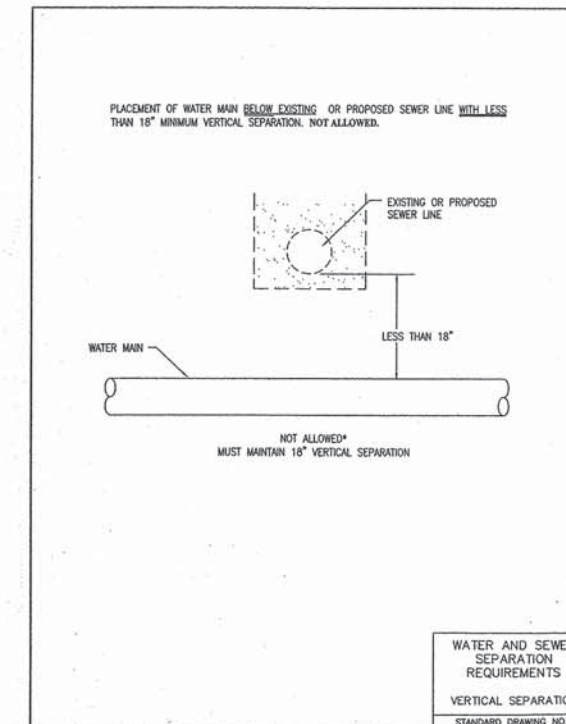
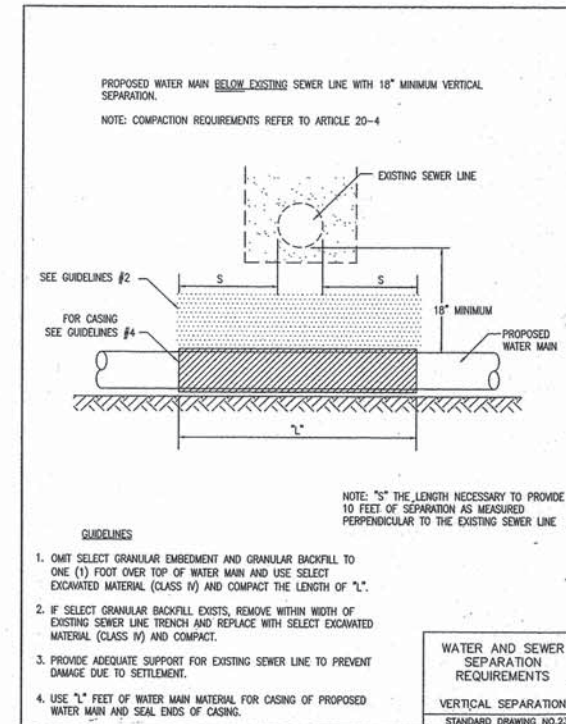
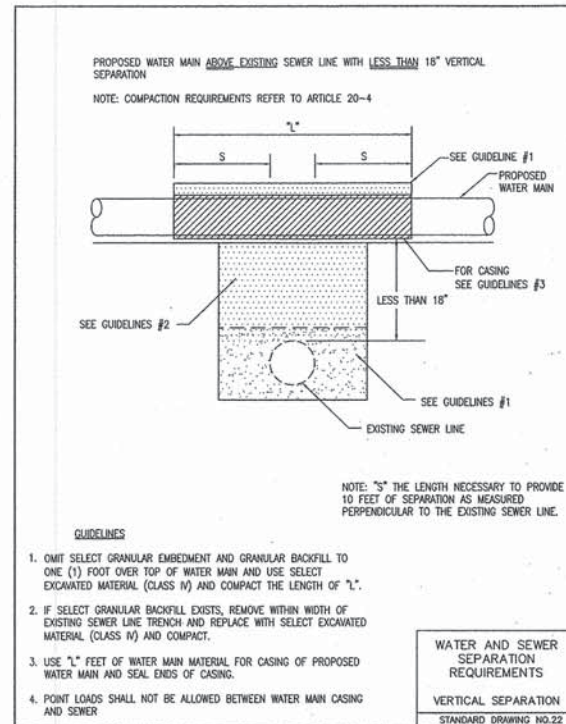
WATER AND SEWER SEPARATION REQUIREMENTS
 VERTICAL SEPARATION
 STANDARD DRAWING NO.20



GUIDELINES

- OMIT SELECT GRANULAR EMBEDMENT AND GRANULAR BACKFILL TO ONE (1) FOOT OVER TOP OF SEWER AND USE SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT FOR "S" FEET ON EACH SIDE OF WATER MAIN.
- A) CONSTRUCT "L" FEET OF PROPOSED SEWER OF WATER MAIN MATERIAL AND PRESSURE TEST, OR;
 B) USE "L" FEET OF WATER MAIN MATERIAL FOR CASING OF PROPOSED SEWER AND SEAL ENDS OF CASING.
- PROVIDE ADEQUATE SUPPORT FOR EXISTING WATER MAIN TO PREVENT DAMAGE DUE TO SETTLEMENT OF SEWER TRENCH

WATER AND SEWER SEPARATION REQUIREMENTS
 VERTICAL SEPARATION
 STANDARD DRAWING NO.21



CONTRACT No. 95734
 CITY OF SHELBYVILLE
 SECTION : 12-00053-00-RS
 ROUTE : N 9th STREET
 SHEET 28 OF 49

WATER MAIN 6"		
STA TO STA	LENGTH	
STA 10+50 12'RT TO 10+50 26.5'RT	14.5 FT	
STA 10+50 26.5'RT TO 16+45 26.5'RT	1595 FT	
STA 26+45 26.5'RT TO 26+45 12'RT	14.5 FT	
TOTAL	1624 FT	

WATER ELBOW 90° 6"		
STA	O/S	QUANTITY
10+50	26.5' RT	1.0 EACH
26+45	26.5' RT	1.0 EACH
TOTAL		2.0 EACH

CUT AND CAP EXISTING WATER MAIN 6"		
STA	O/S	QUANTITY
10+52	12' RT	1.0 EACH
26+42	12' RT	1.0 EACH
TOTAL		2.0 EACH

STEEL CASING 12"		
STA TO STA	LENGTH	
STA 13+36 26.5'RT TO STA 13+56 26.5'RT	20 FT	
TOTAL	20 FT	

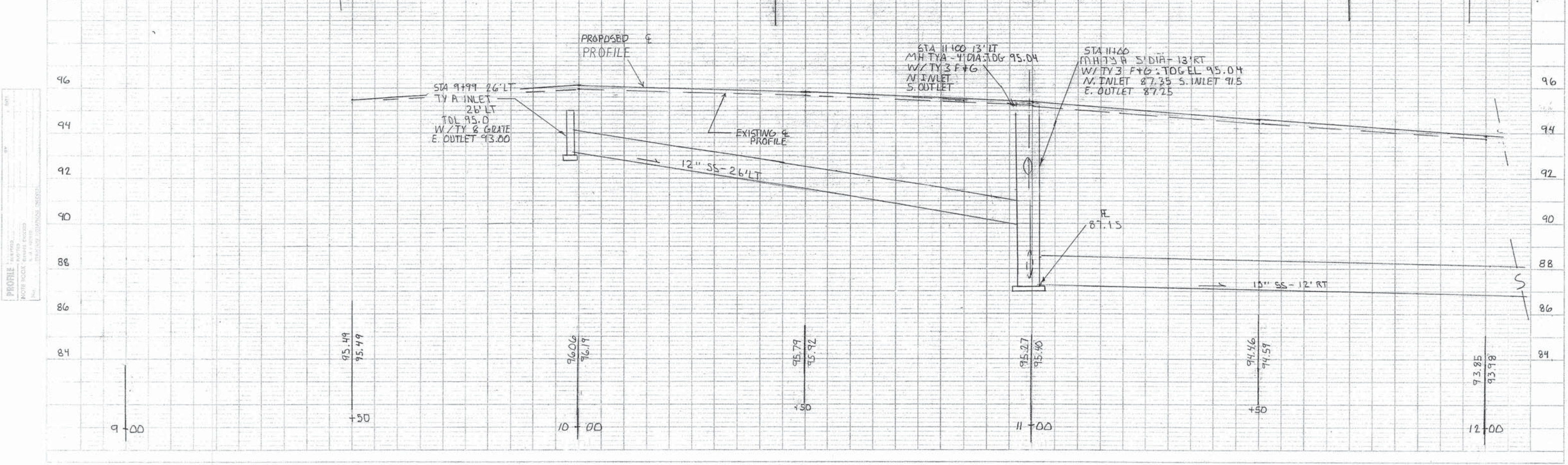
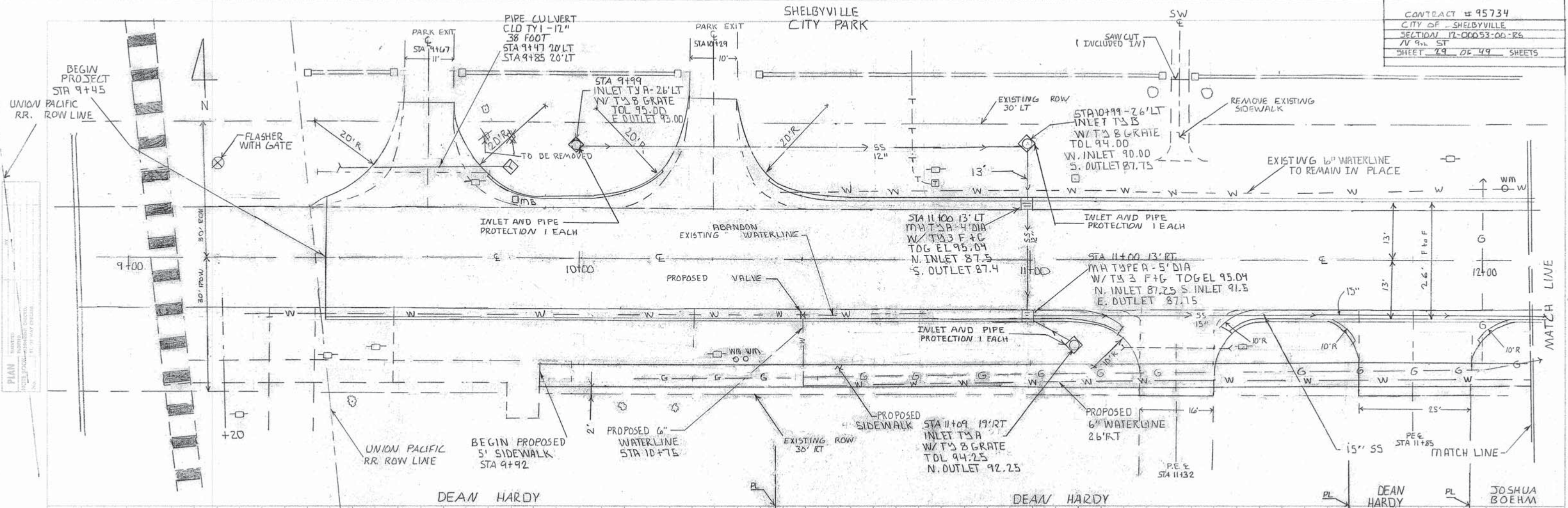
DUCTILE IRON WATER MAIN TEE 6" x 6"		
STA	O/S	QUANTITY
10+52	12' RT	1.0 EACH
26+45	12' RT	1.0 EACH
TOTAL		2.0 EACH

DOMESTIC WATER METER VAULTS TO BE MOVED		
STA	O/S	QUANTITY
12+02	16' LT	1.0 EACH
12+84	29' LT	1.0 EACH
15+14	18' LT	1.0 EACH
17+43	28' LT	1.0 EACH
18+68	23' LT	1.0 EACH
18+68	20' LT	1.0 EACH
19+62	24' LT	2.0 EACH
21+17	29' LT	1.0 EACH
24+14	27' LT	1.0 EACH
TOTAL		9.0 EACH

WATER VALVE AND BOX 6"		
STA	O/S	QUANTITY
10+50	12' RT	1.0 EACH
26+45	12' RT	1.0 EACH
TOTAL		2.0 EACH

WATER VALVES TO BE ADJUSTED		
STA	O/S	QUANTITY
20+69	10' LT	1.0 EACH
20+71	9' LT	1.0 EACH
TOTAL		2.0 EACH

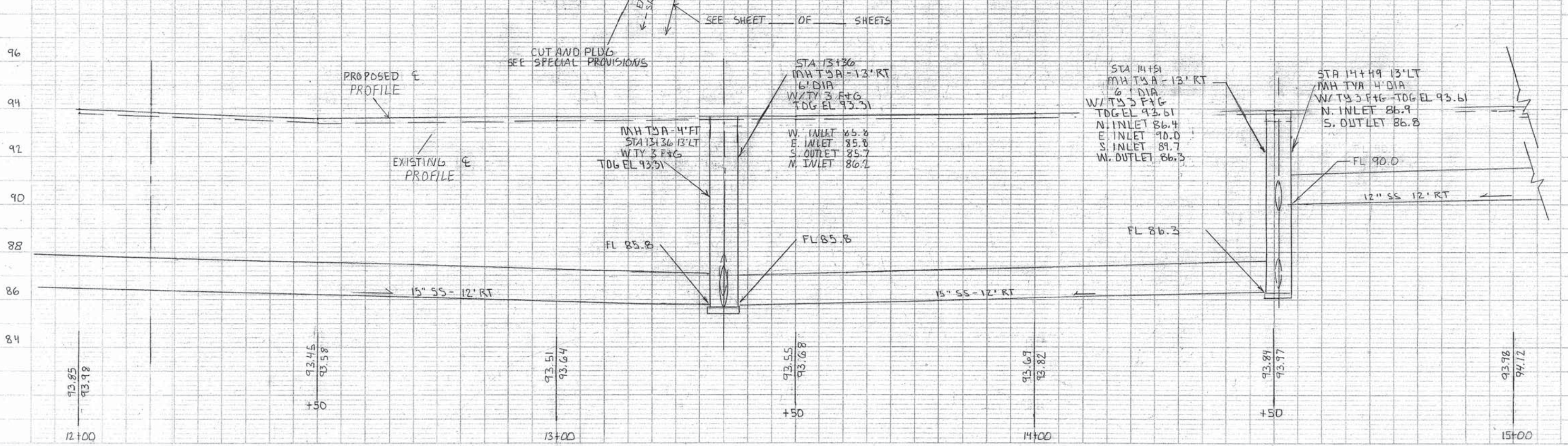
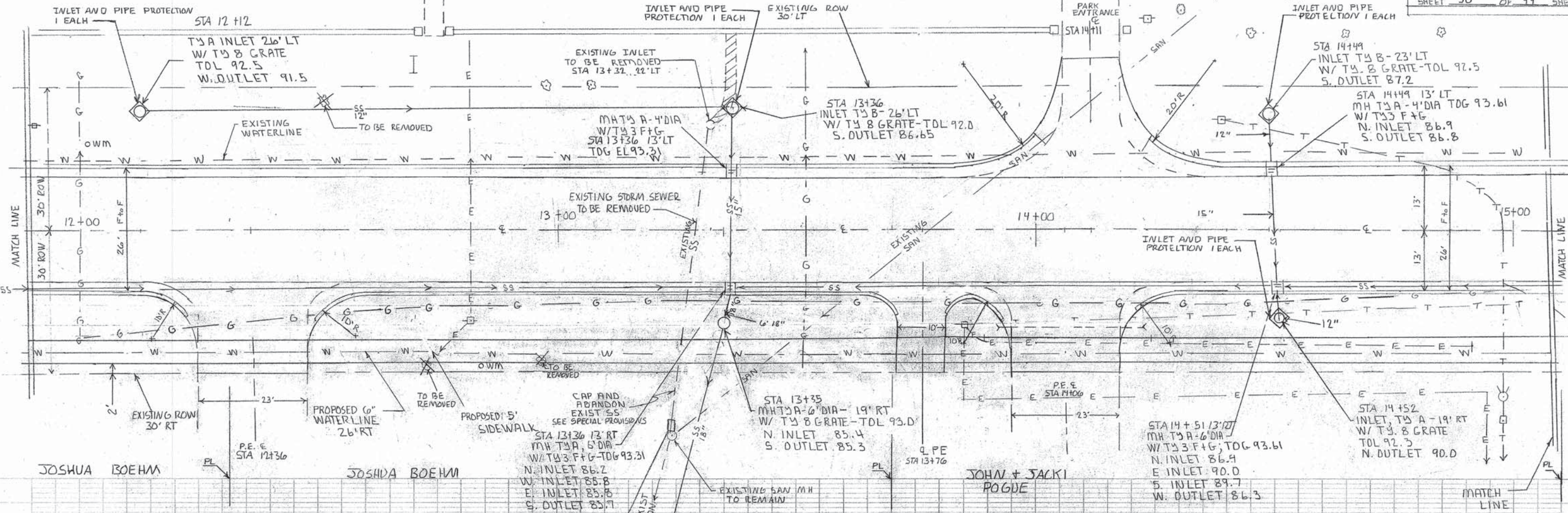
CITY OF SHELBYVILLE
 SECTION : 12-00053-00-RS
 WATER MAIN
 SCHEDULES



PLAN
 PROFILE

SHELBYVILLE
CITY PARK

CONTRACT # 95734
CITY OF SHELBYVILLE
SECTION 12-00053-00-R5
N 9th ST
SHEET 30 OF 49 SHEETS



PLAN
REVISION
NOTED
NOTE BOOK, SUBMITTAL CHECKED
DATE

PROFILE
REVISION
NOTED
NOTE BOOK, SUBMITTAL CHECKED
DATE

JOSHUA BOEHM

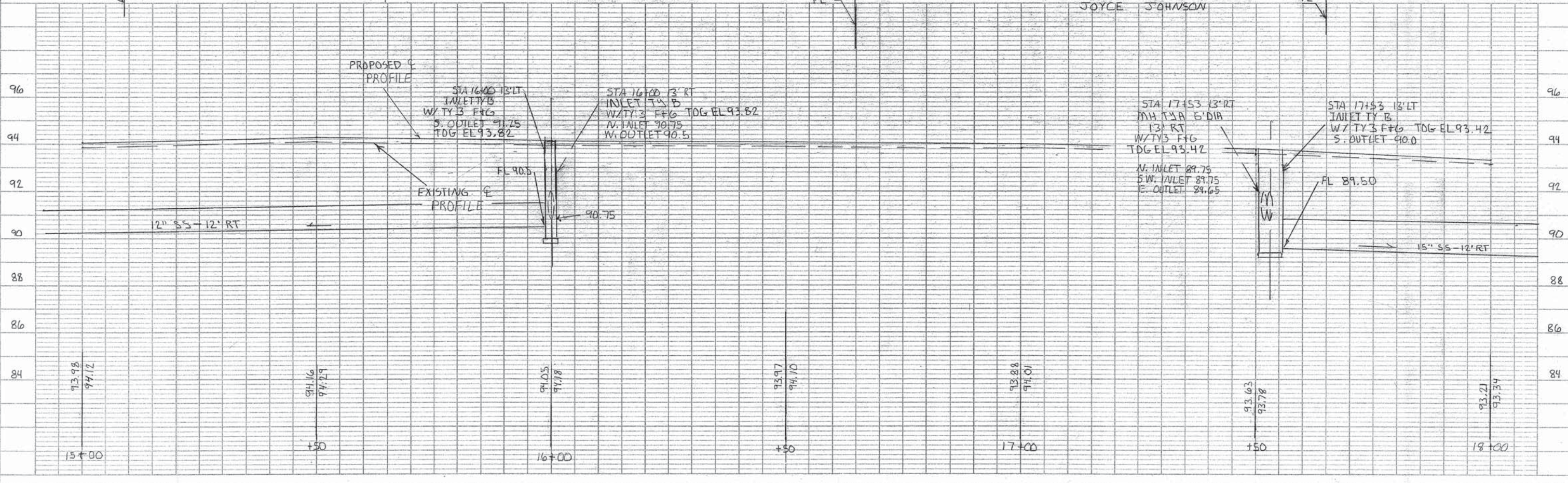
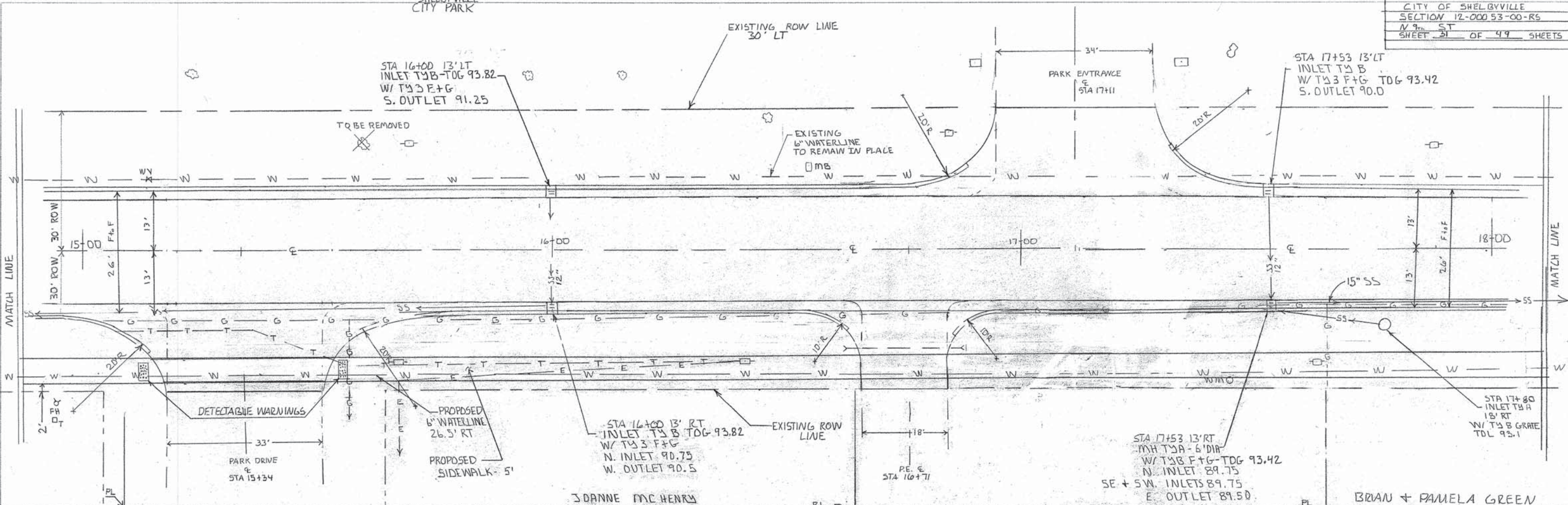
JOSHUA BOEHM

JOHN + JACKI
POGUE

SHELBYVILLE
 CITY PARK

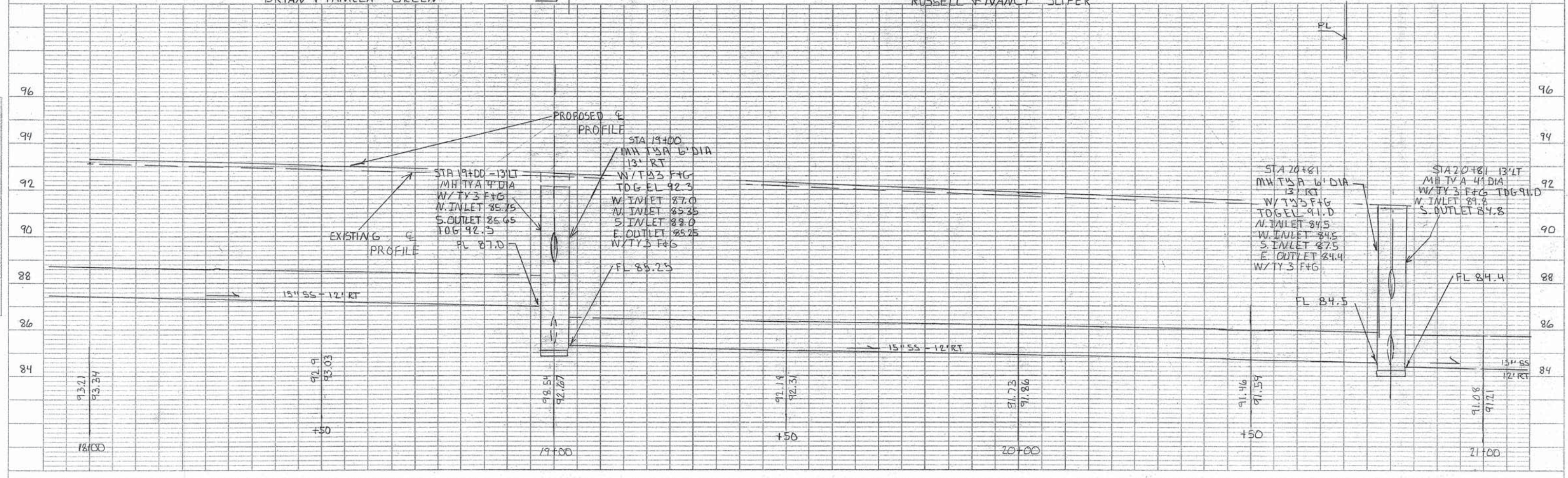
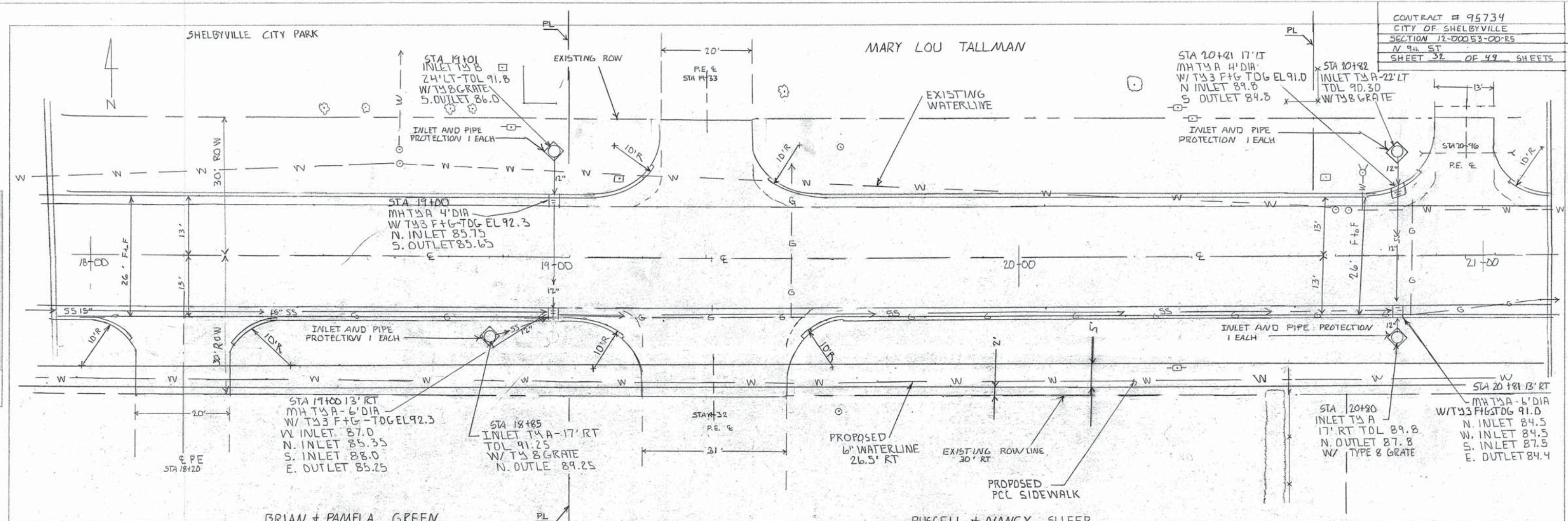
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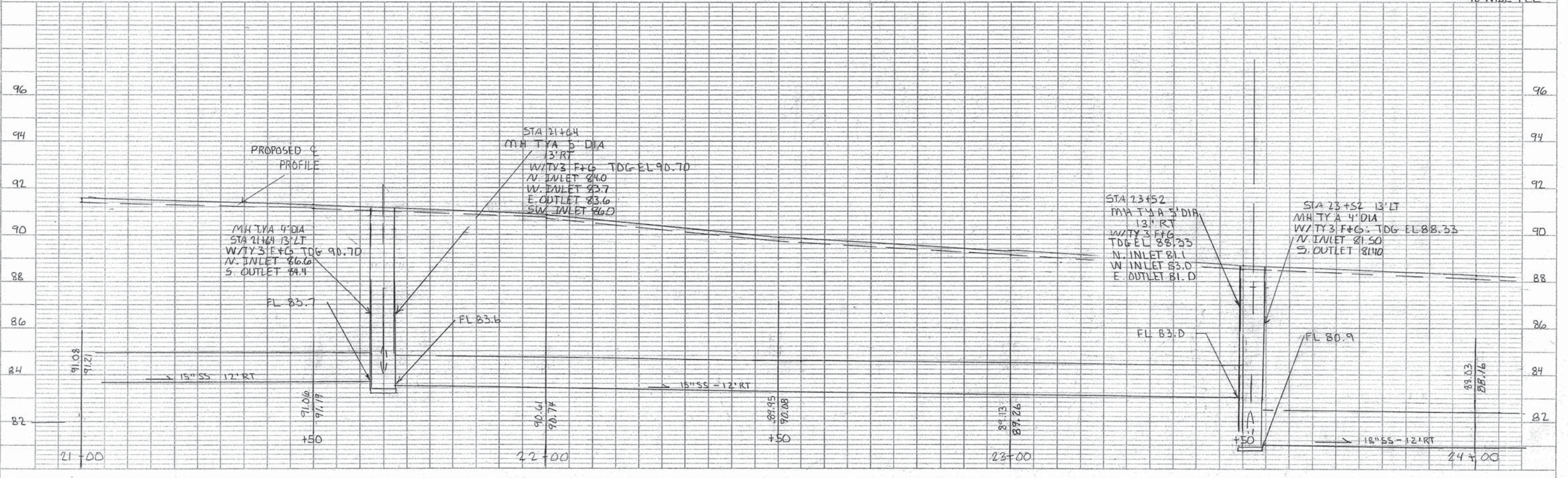
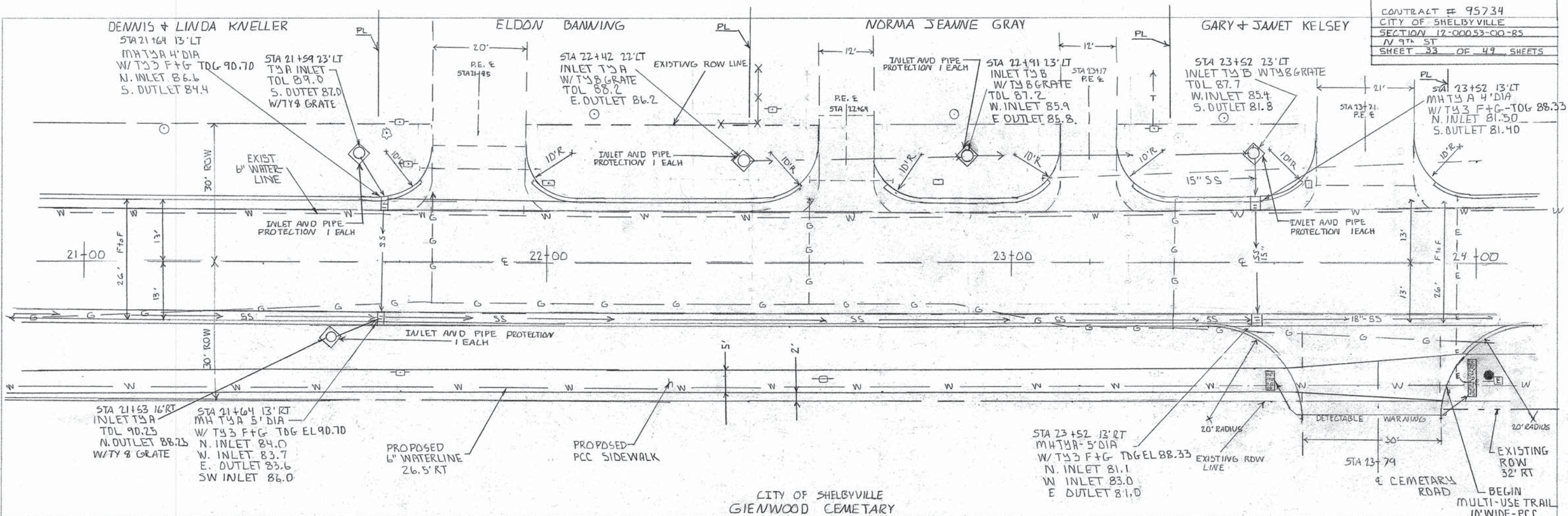
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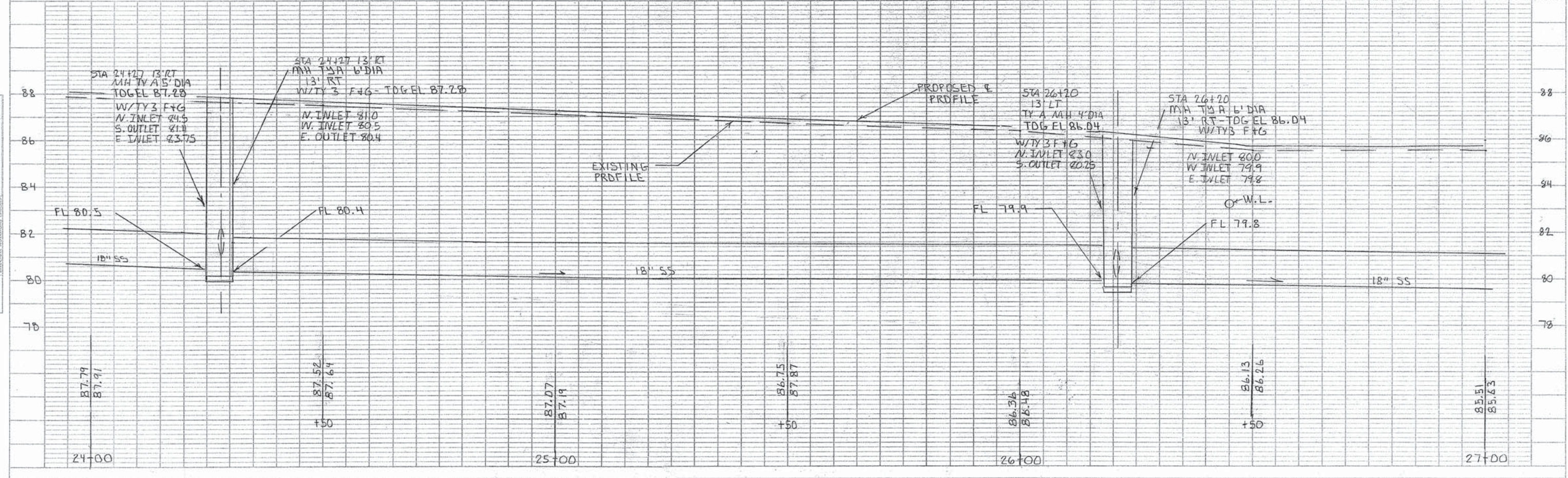
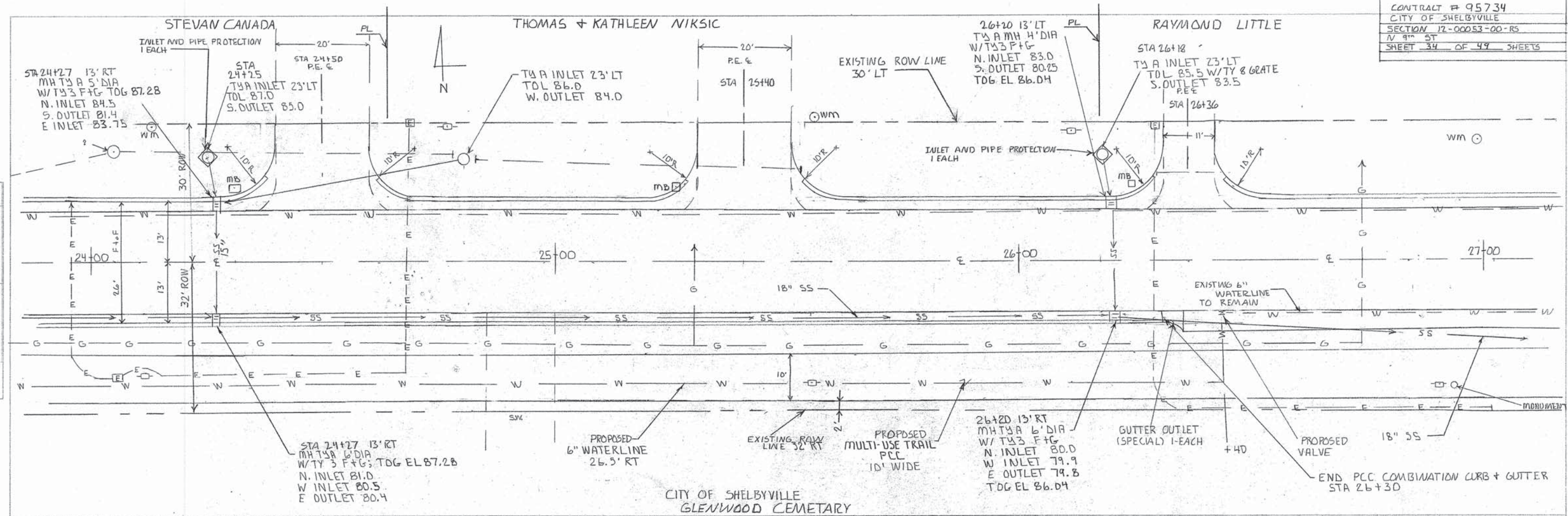
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PLAN
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 PLOTTED BY
 CHECKED BY
 DATE

PROFILE
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 PLOTTED BY
 CHECKED BY
 DATE



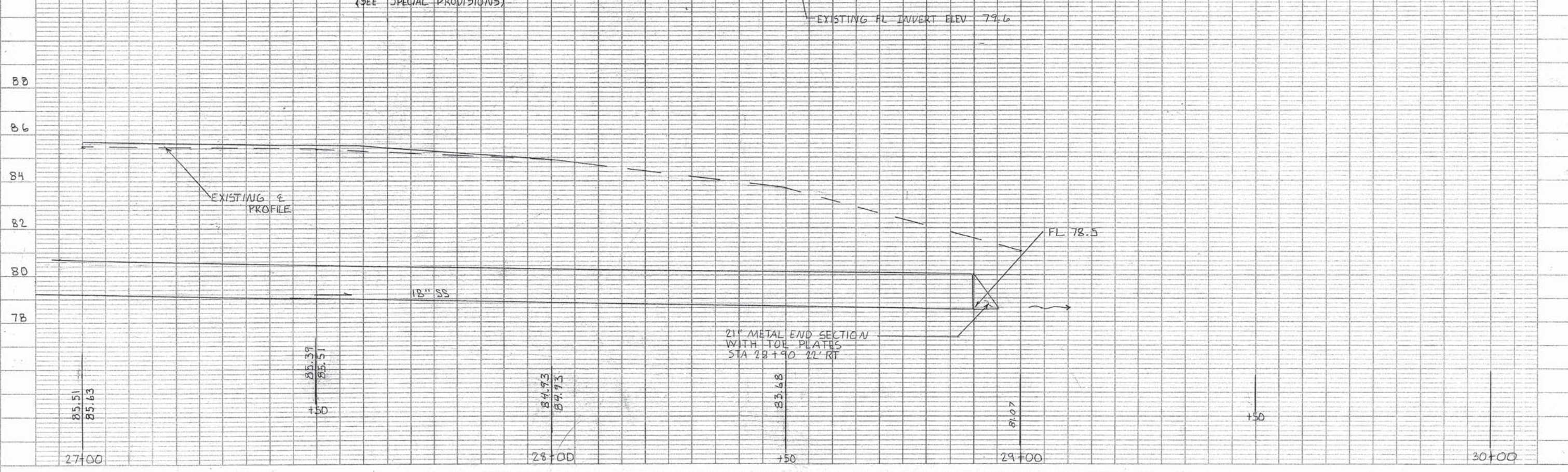
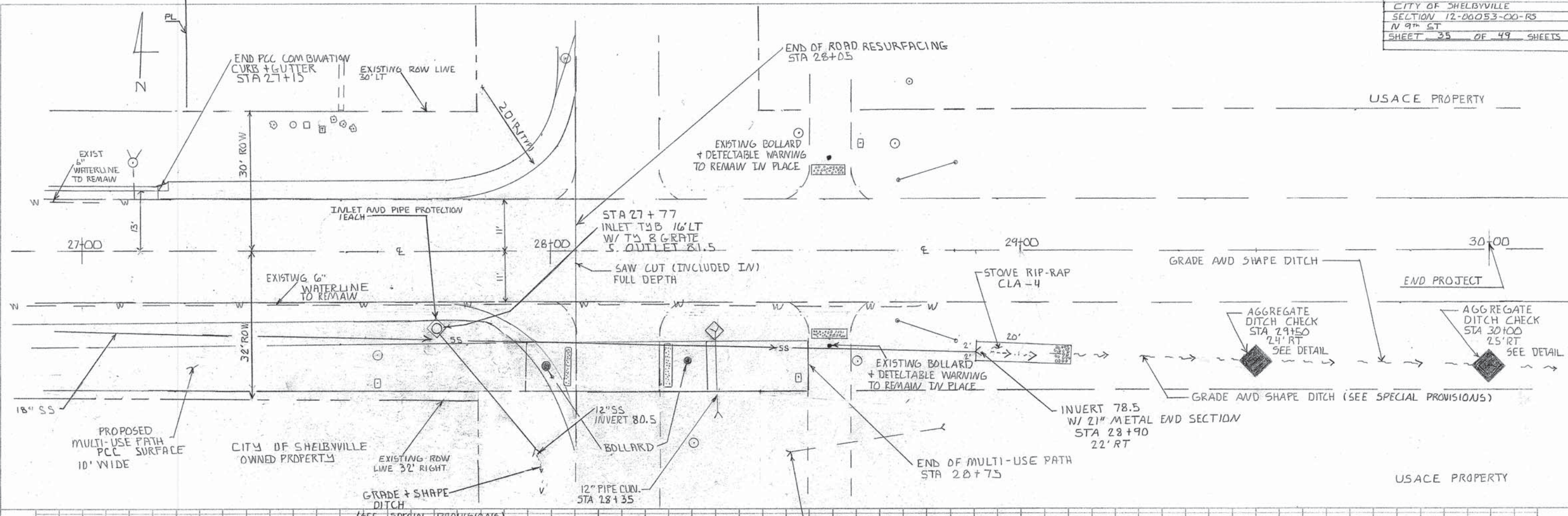


PLATE 1-SINGLE PLAN AND PROFILE-FULL LINE
 REPRODUCED FROM ORIGINAL
 PRINTED IN U.S.A.

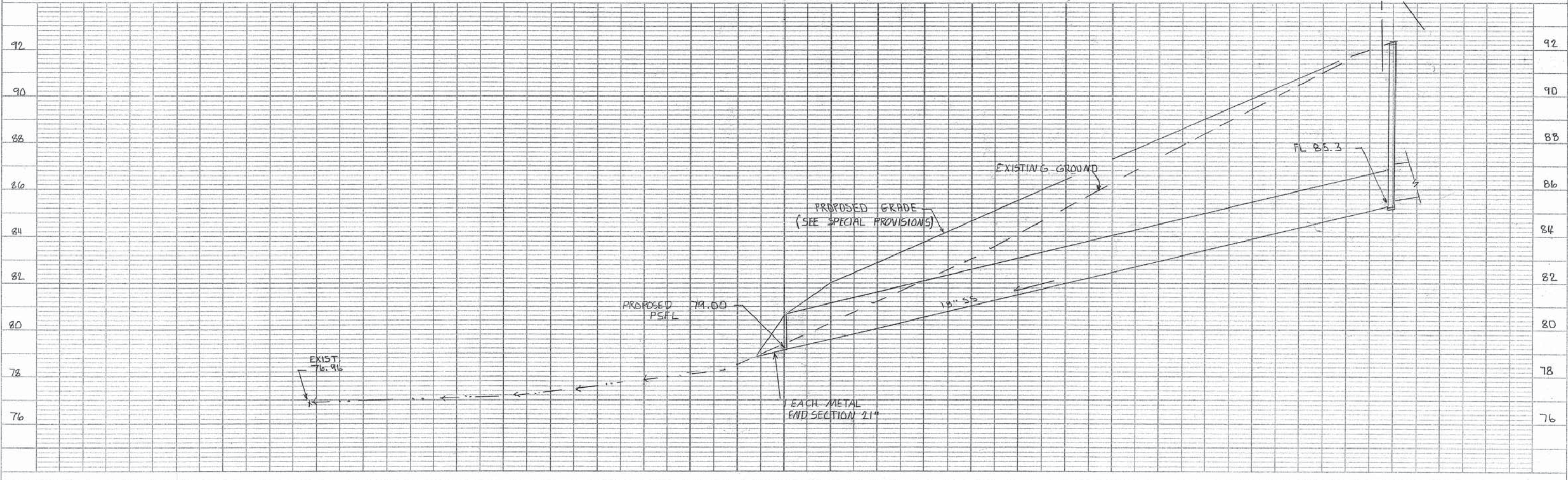
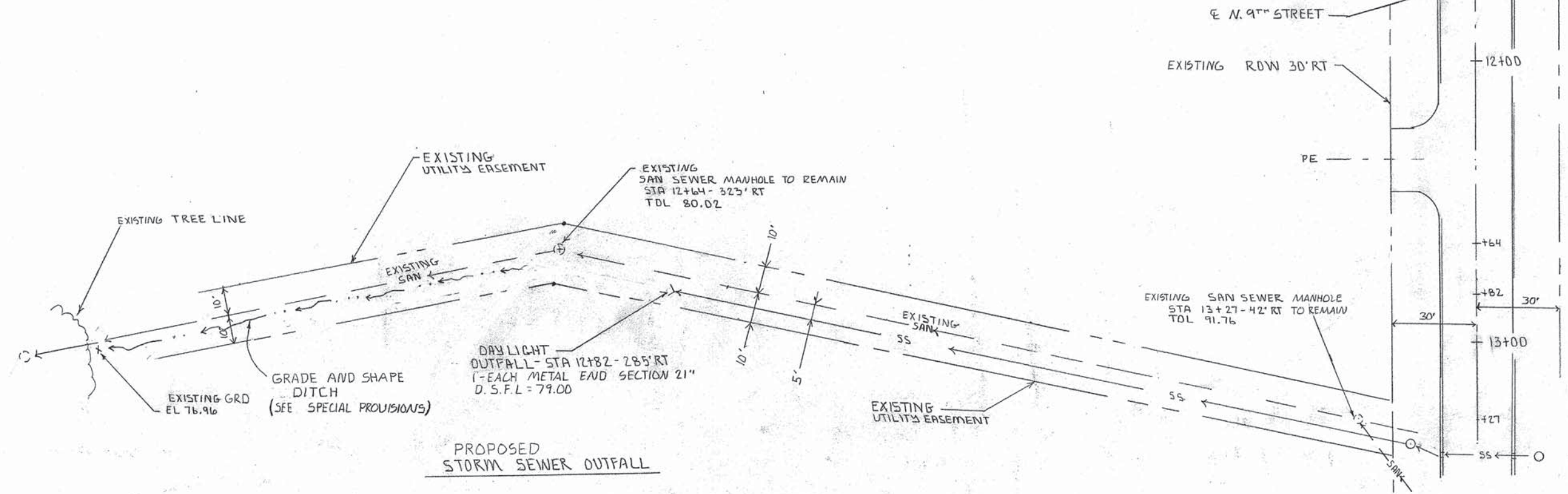
PLAN
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 NOTED
 NO. 1

PROFILE
 SHEETED
 NOTED
 NO. 1

380
11/1/14



CONTRACT # 95734
SECTION # 12-00053-00-R9
CITY OF SHELBYVILLE
N 9TH STREET
SHEET 36 OF 49 SHEETS

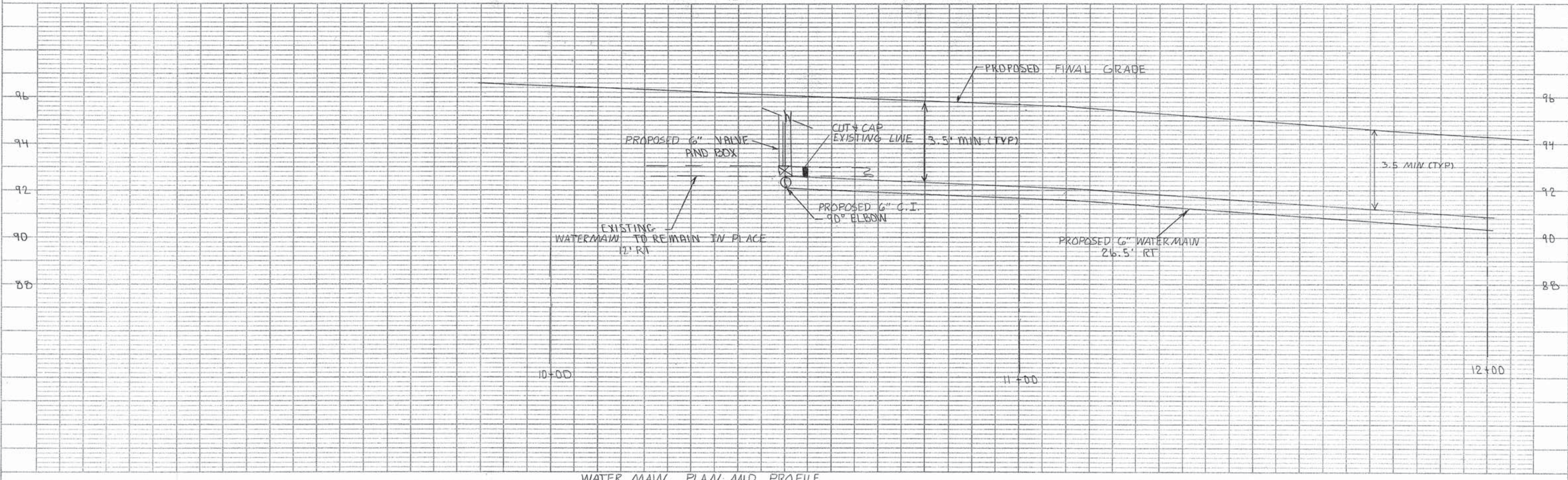
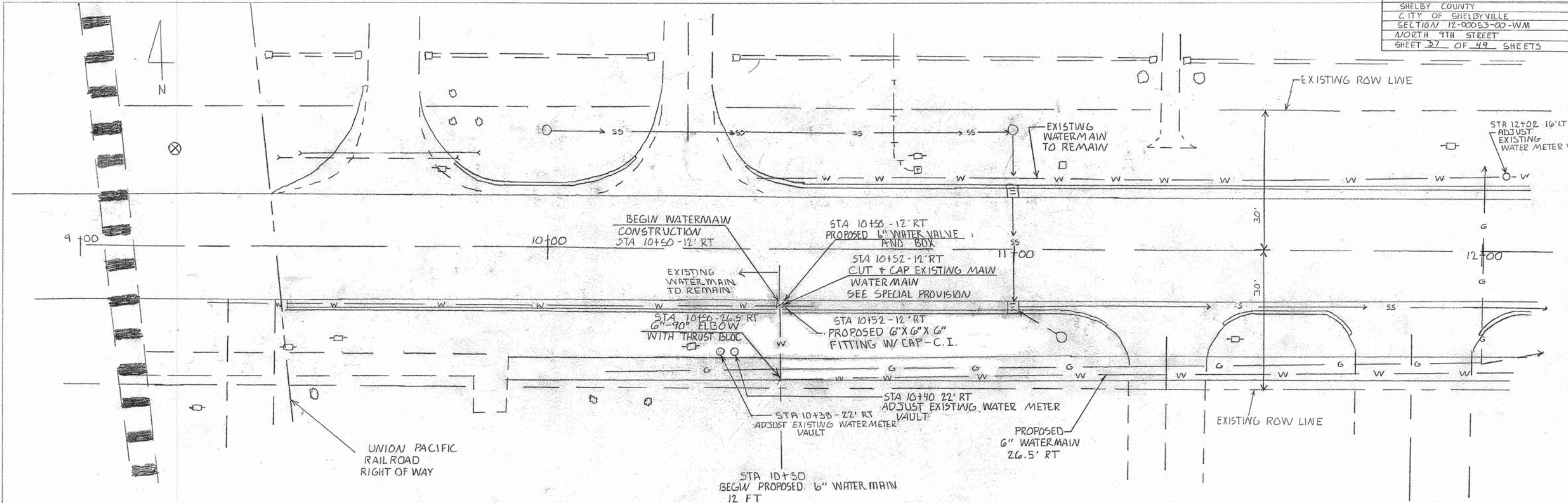


PLAN
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BY: _____
CHECKED: _____
NO. _____

PROFILE
DATE: _____
BY: _____
CHECKED: _____
NO. _____

SCALE 1" = 20'


PLATE 1-SINGLE PLAN AND PROFILE-FULL LINE
NATIONAL INSTRUMENTS
PRINTED IN U.S.A.



WATER MAIN PLAN AND PROFILE

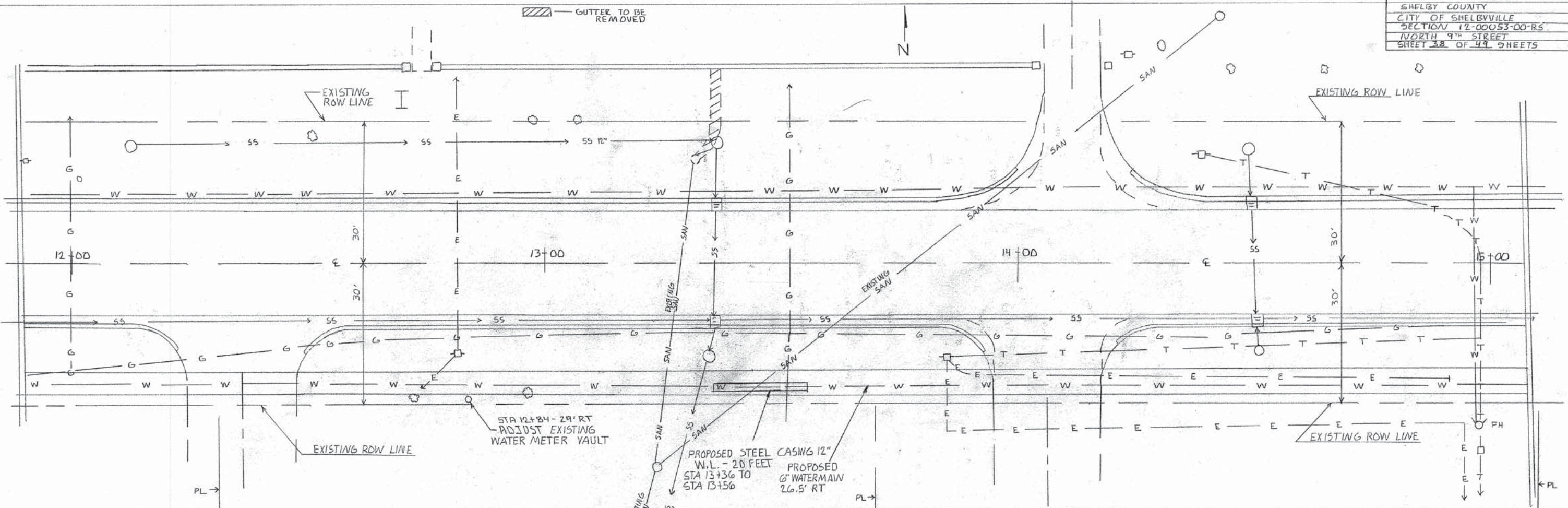
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 DATE
 BY
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PROFILE
 STARTED
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 CHECKED
 DATE
 BY
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 GUTTER TO BE REMOVED



PLAN
 SUPERVISOR: _____
 DATE: _____
 NOTE BOOK: _____
 NO. OF WAY CHECKS: _____
 No. _____



PROFILE
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 DATE: _____
 NOTE BOOK: _____
 NO. OF WAY CHECKS: _____
 No. _____

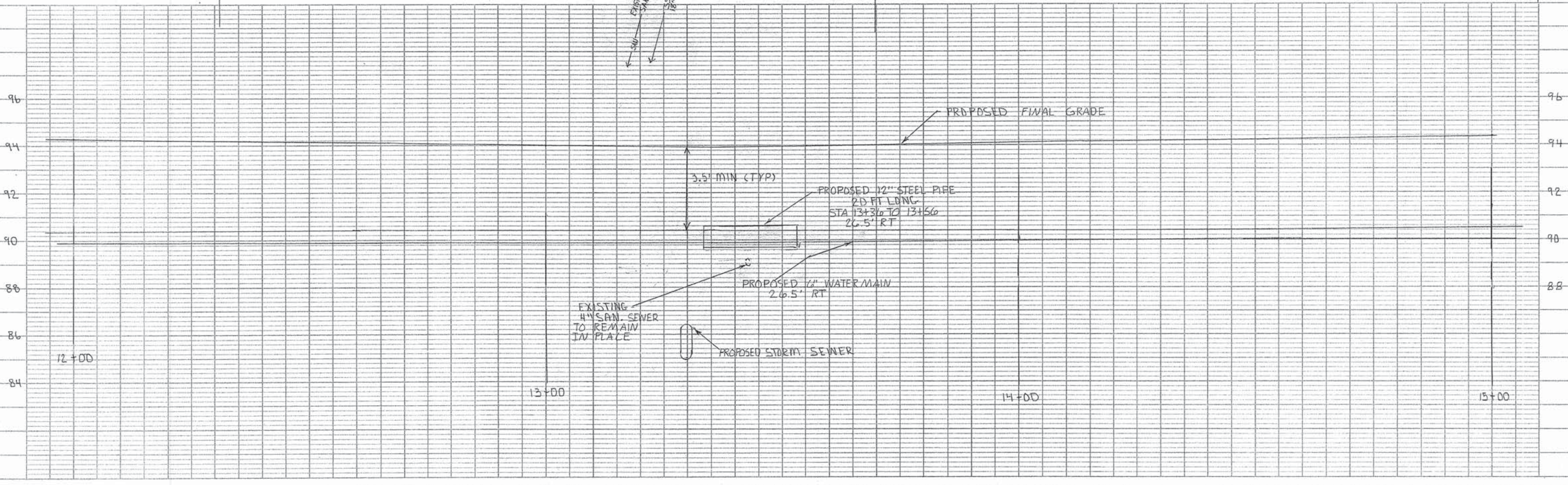
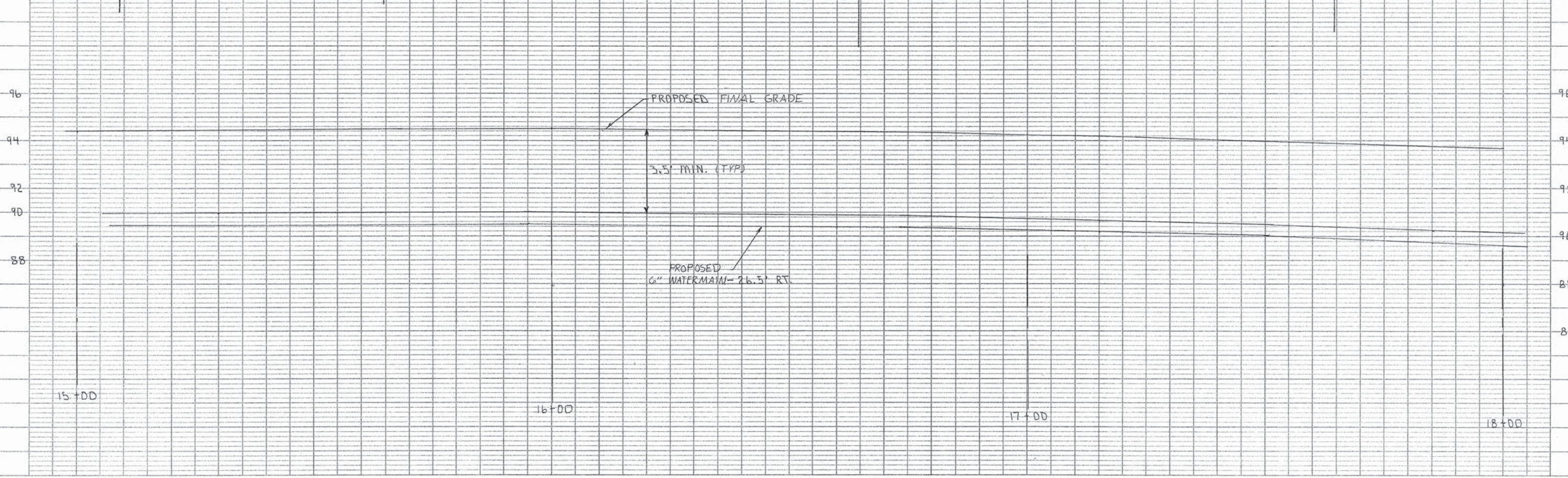
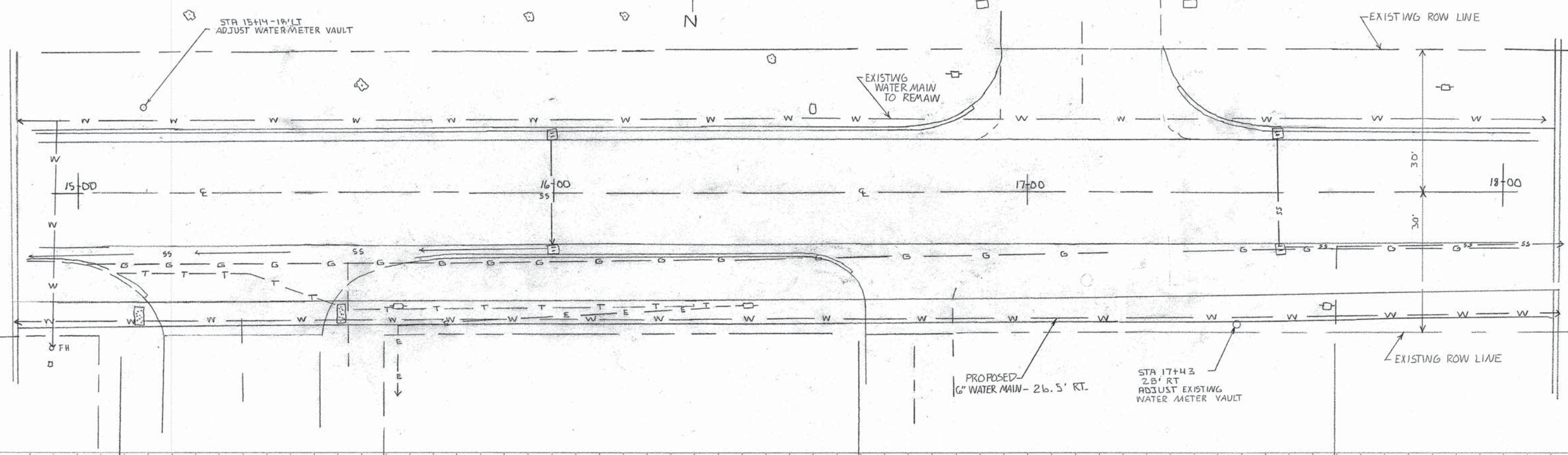


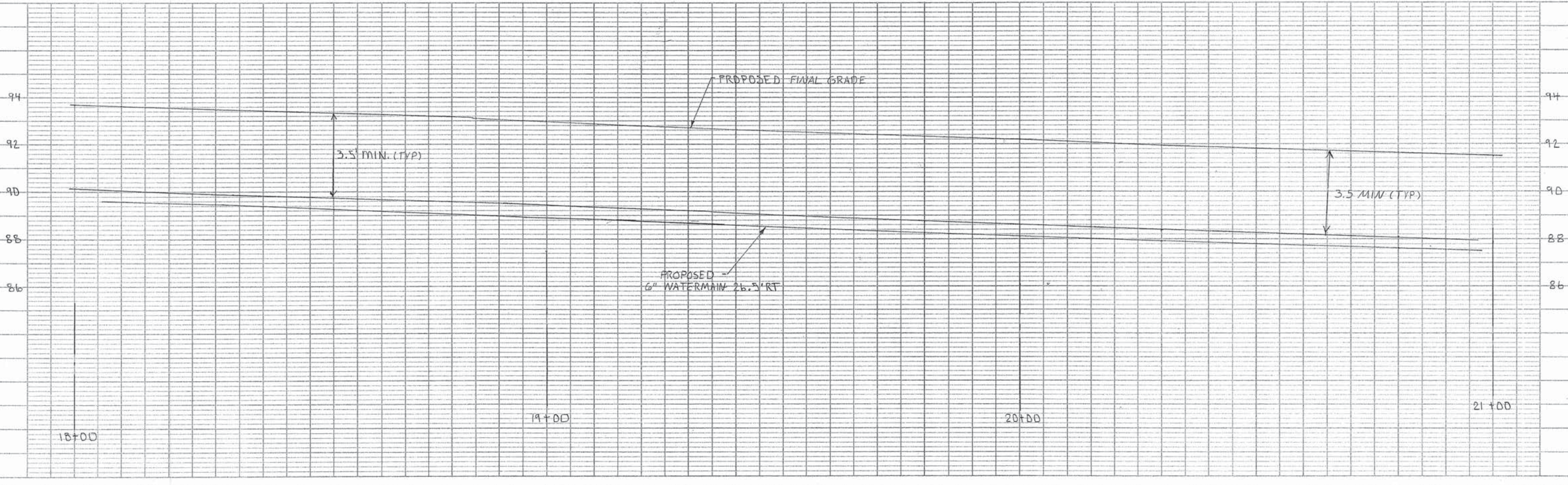
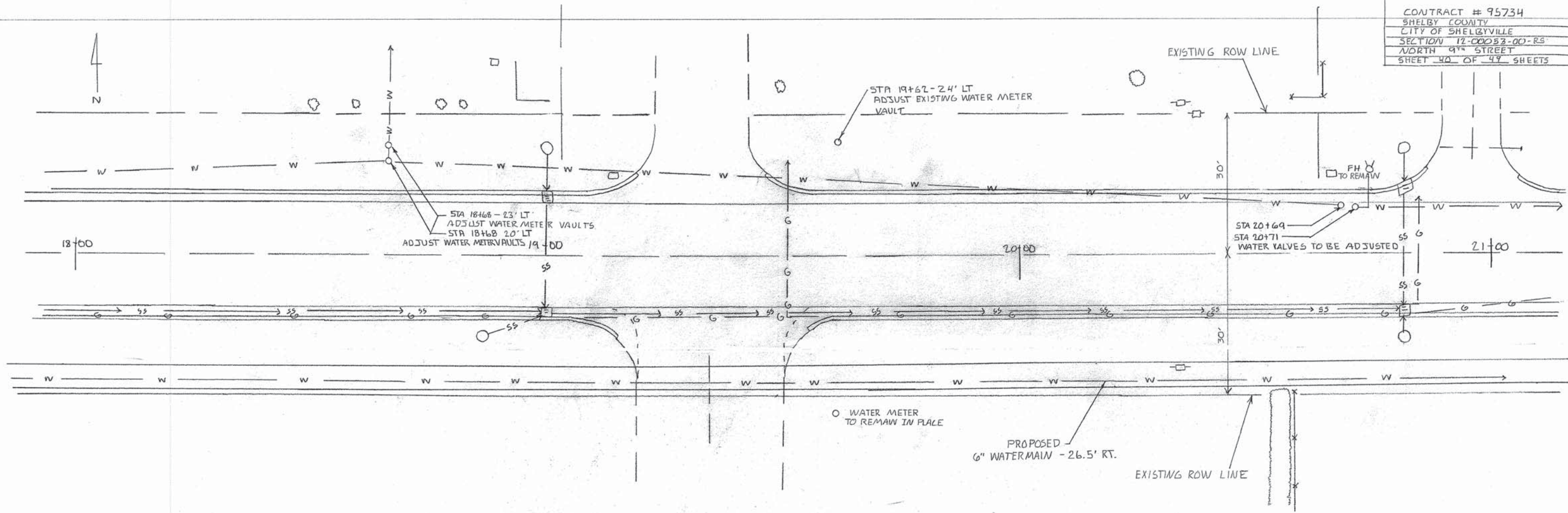
PLATE 1-SINGLE PLAN AND PROFILE-FULL LINE
INTERNATIONAL PROFESSIONAL ENGINEERS ASSOCIATION
 PRINTED IN U.S.A.

CONTRACT # 95734
 SHELBY COUNTY
 CITY OF SHELBYVILLE
 SECTION 12-00053-00-R5
 NORTH 4TH STREET
 SHEET 39 OF 49 SHEETS



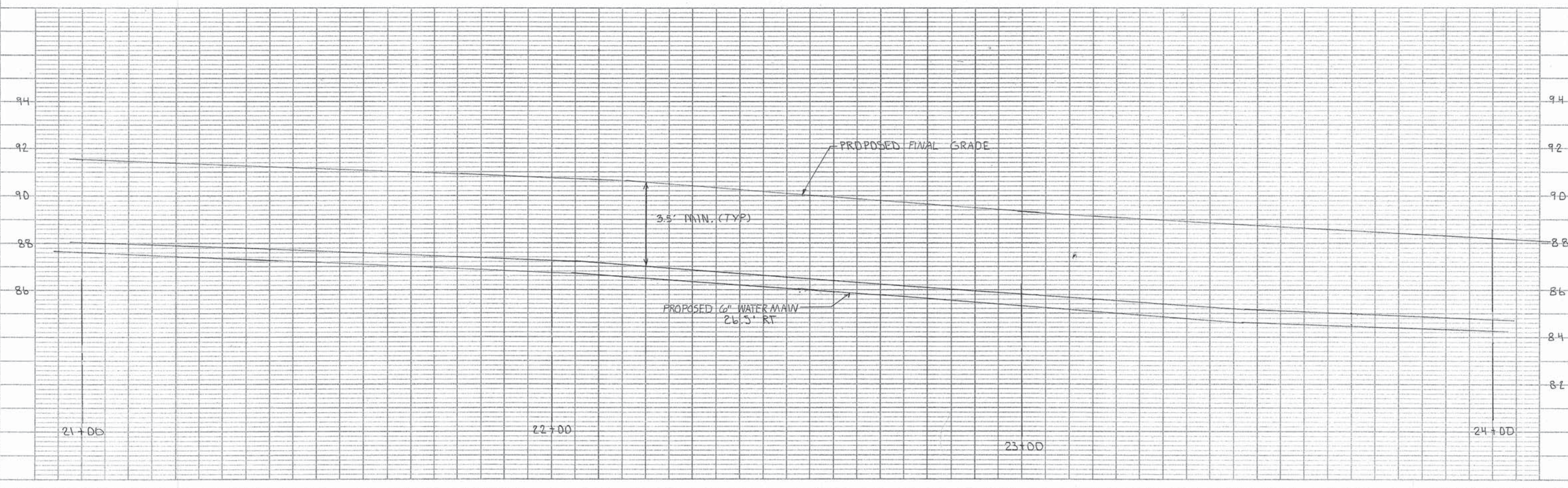
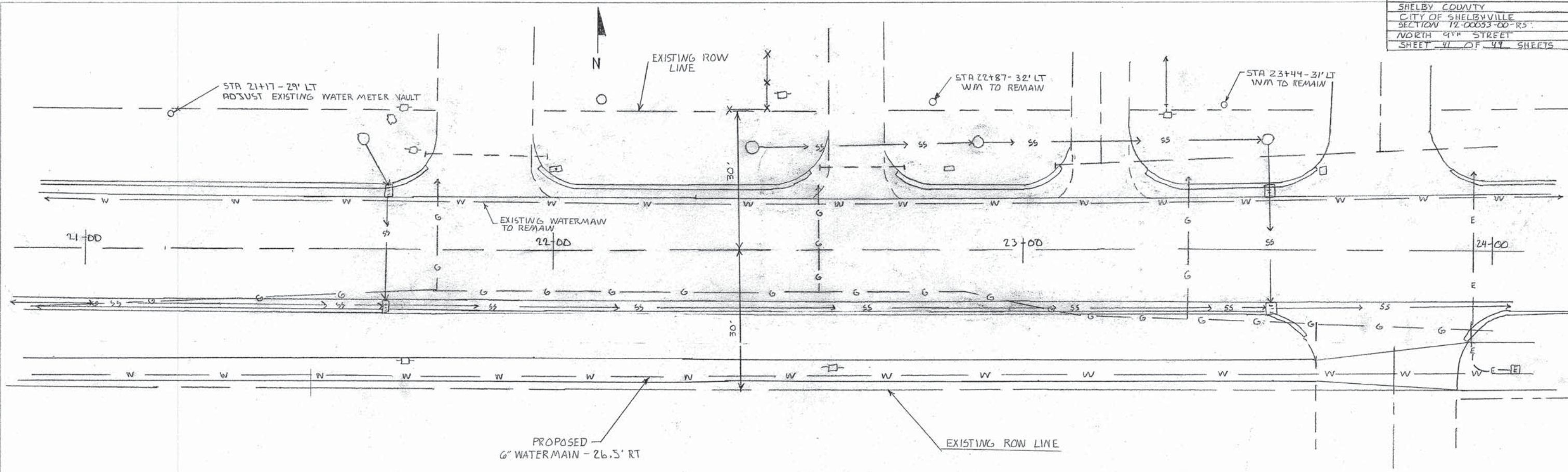
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PROFILE
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 DATE: []



PLAN
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 CHECKED BY: _____
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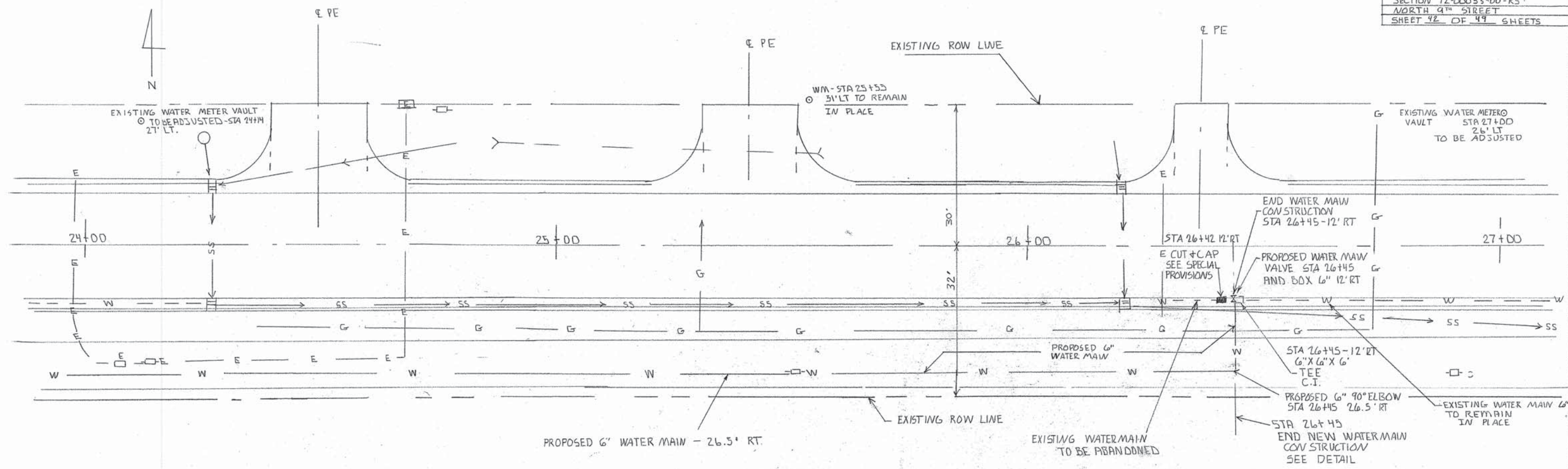
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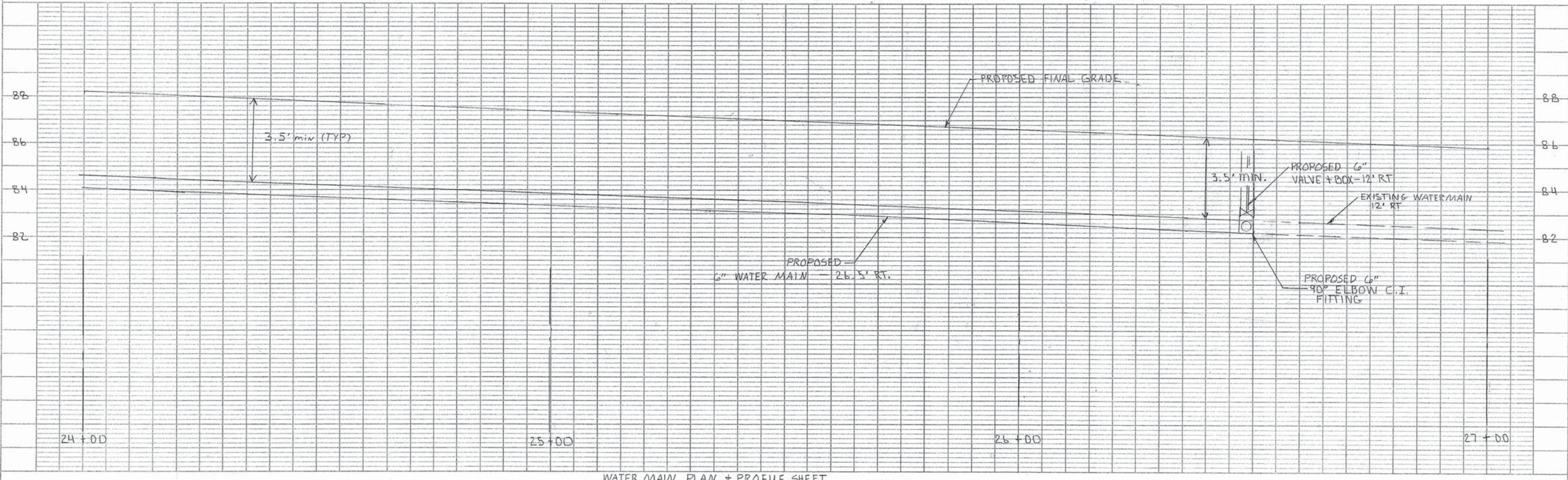
PLAN
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 PLOTTED BY
 CHECKED BY
 INCHES BOOK
 NO. OF WAY CHANGED
 NO.

PROFILE
 SURVEYED BY
 PLOTTED BY
 CHECKED BY
 INCHES BOOK
 NO. OF WAY CHANGED
 NO.

PLAN
 SURVEYED BY
 NOTED BY
 NOTE BOOK ALIGNMENT CHECKED
 E.L. OR WAY CHECKED
 No.



PROFILE
 SURVEYED BY
 NOTED BY
 NOTE BOOK
 ELEVATION INDICATIONS CHECKED
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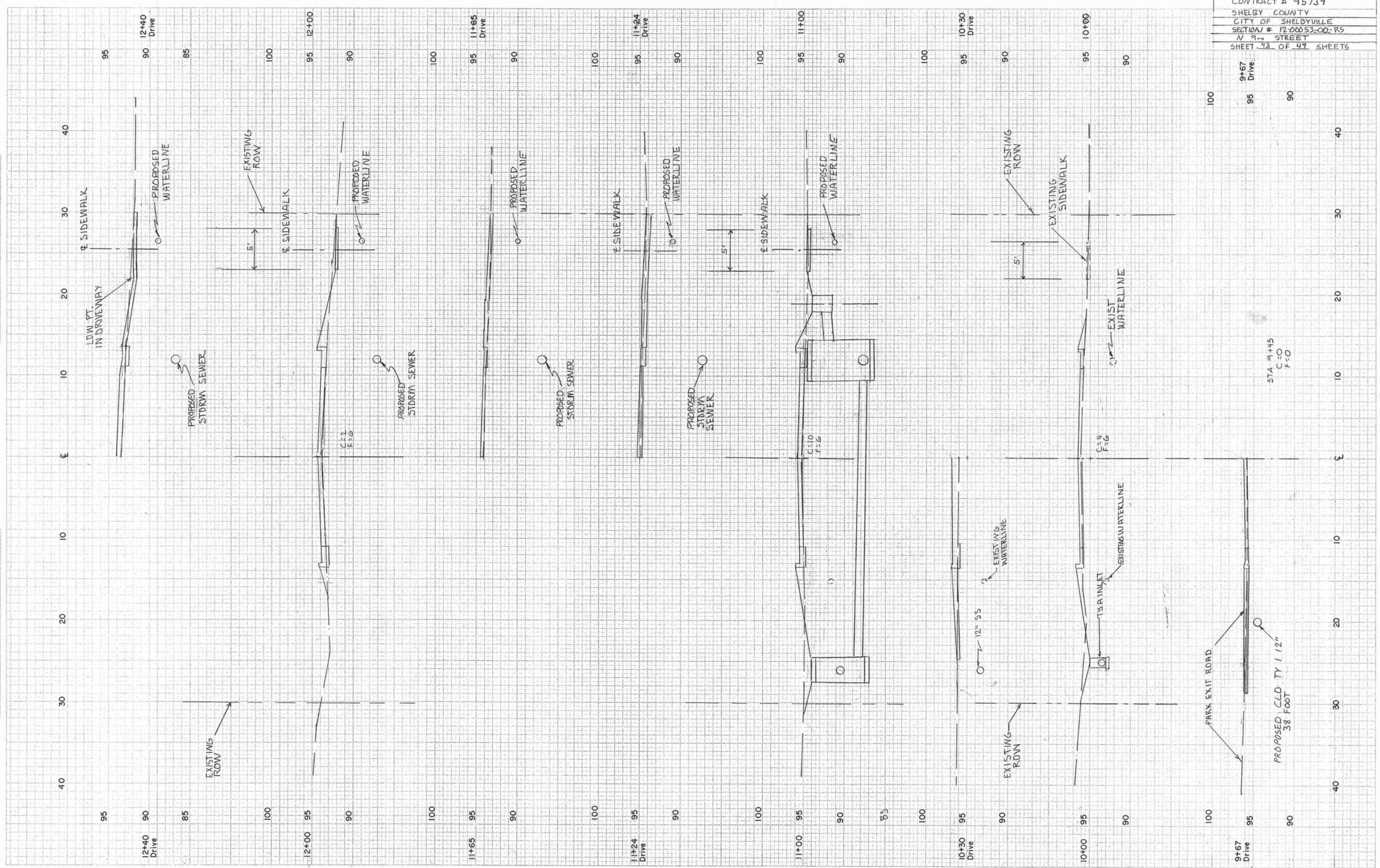


WATER MAIN PLAN + PROFILE SHEET

FINAL SURVEY PLATTED
 NOTE BOOK TEMPLATE
 DATE: _____

ORIGINAL SURVEY PLATTED
 NOTE BOOK TEMPLATE
 DATE: _____

CONTRACT # 95734
 SHELBY COUNTY
 CITY OF SHELBYVILLE
 SECTION # 12-00053-00; R5
 N 9th STREET
 SHEET 43 OF 49 SHEETS



HIGHWAY FEDERAL AID SHEET
 PLATE 3-FULL CROSS SECTION-FULL LINE
 PRINTED IN U.S.A.

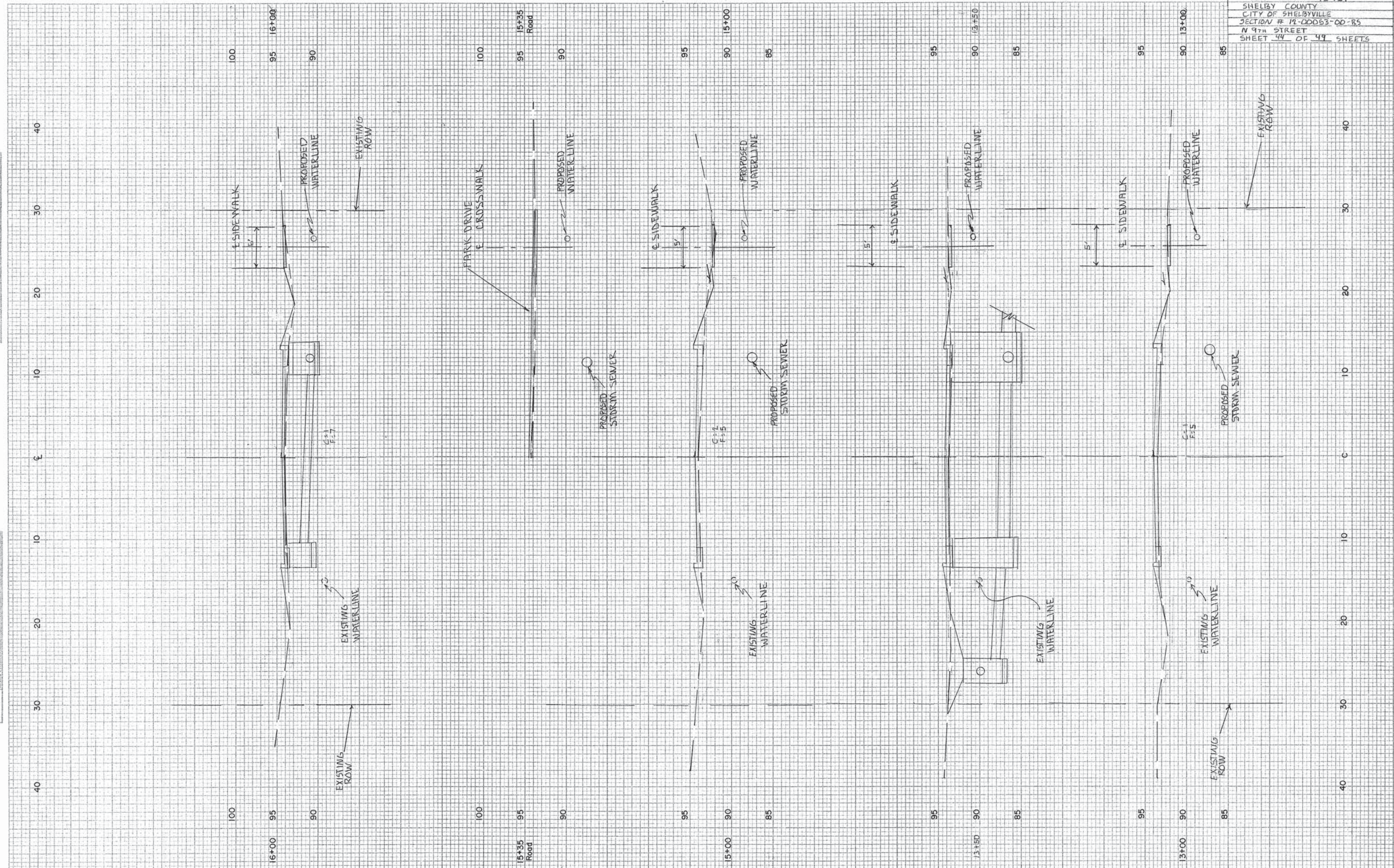
STA 9+45
 C=0
 F=0

PROPOSED CLD TY 12"
 38 FOOT

FINAL SURVEY
 DATE: 03-02-92
 BY: JGC SAs
 1000 JGC SAs
 1000
 NOTE BOOK AREA NO. AREA COLLECTED

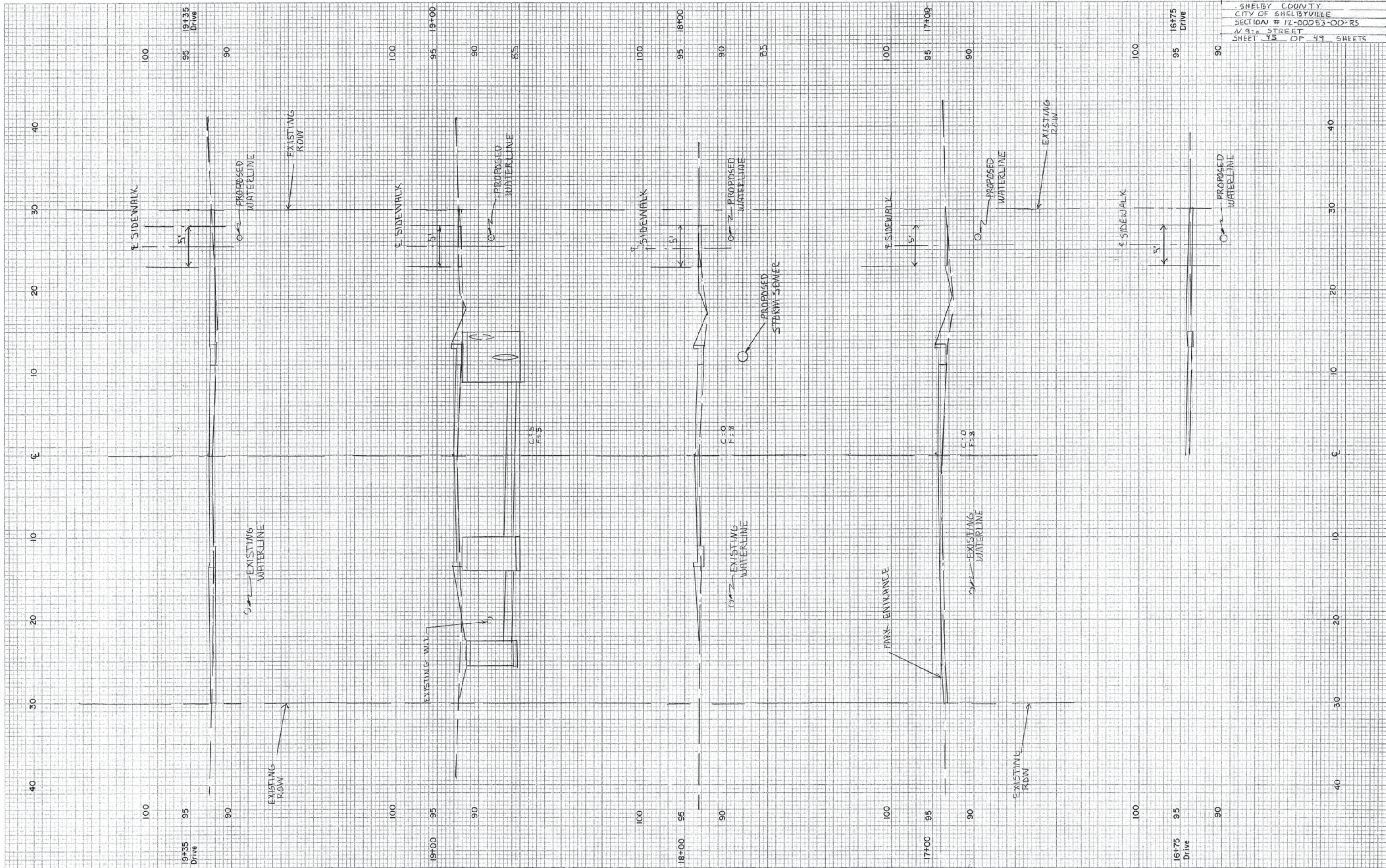
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 DATE: 03-02-92
 BY: JGC SAs
 1000 JGC SAs
 1000
 NOTE BOOK AREA NO. AREA COLLECTED

CONTRACT # 95734
 SHELBY COUNTY
 CITY OF SHELBYVILLE
 SECTION # 12-00053-00-R5
 N 9TH STREET
 SHEET 44 OF 49 SHEETS



FINAL SURVEY
 DATE: _____
 DRAWN BY: _____
 CHECKED BY: _____
 NO. _____

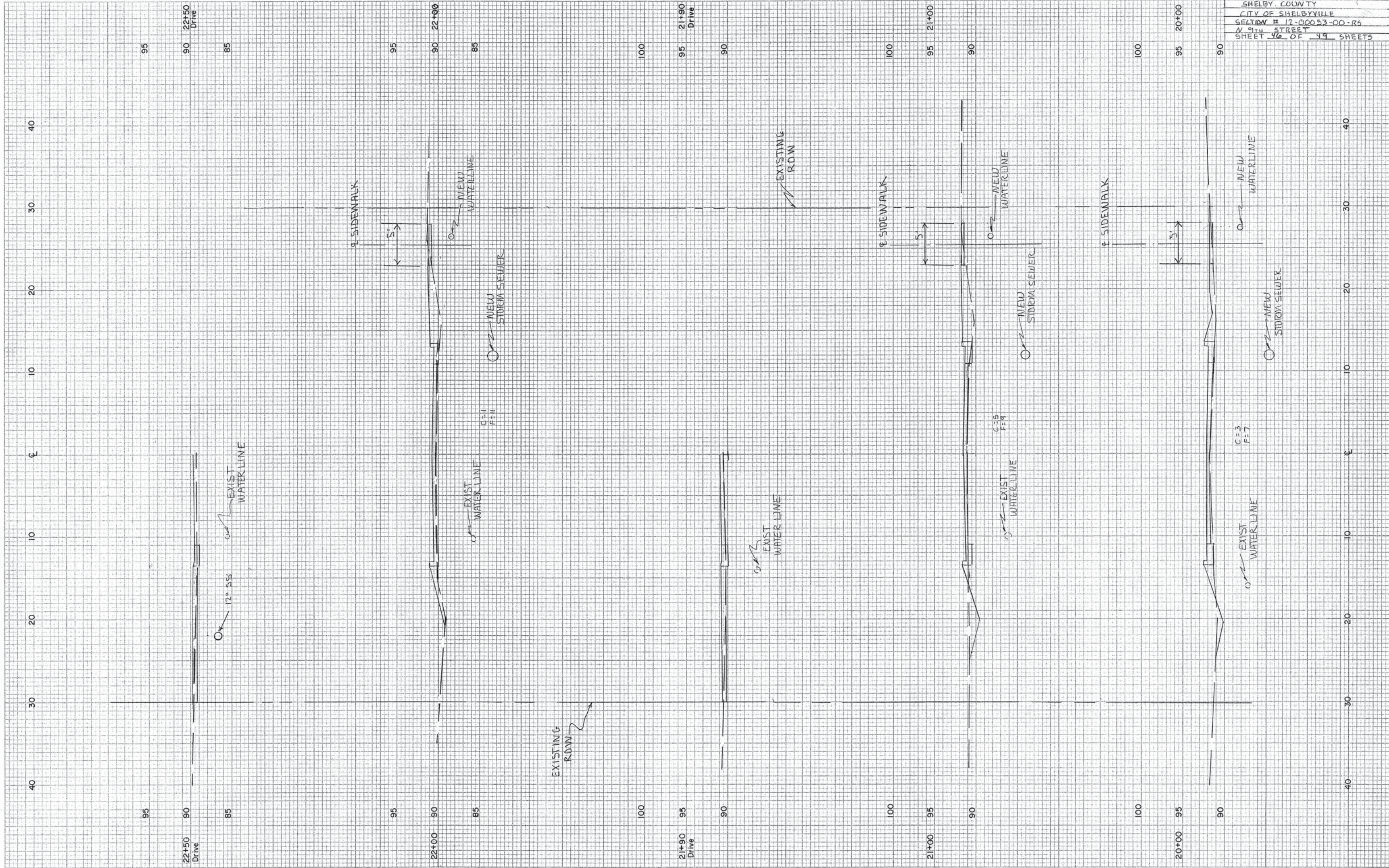
ORIGINAL SURVEY
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 NO. _____



FINAL SURVEY
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 DRAWN BY: _____
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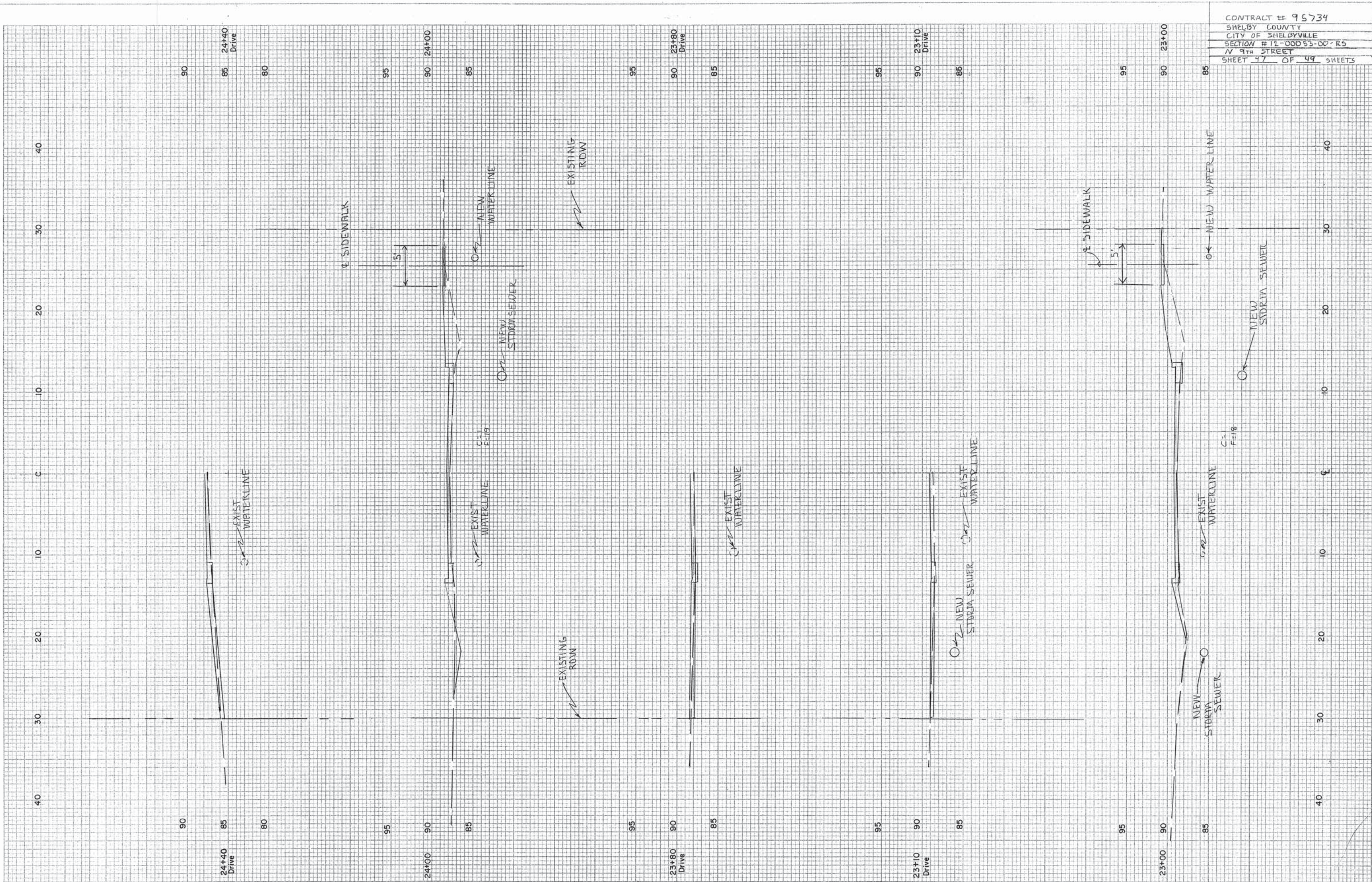
ORIGINAL SURVEY
 DATE: _____
 DRAWN BY: _____
 CHECKED BY: _____
 NO. _____

CONTRACT # 95734
 SHELBY COUNTY
 CITY OF SHELBYVILLE
 SECTION # 12-00053-00-R5
 N 9TH STREET
 SHEET 46 OF 49 SHEETS



ORIGINAL SURVEY BY DATE
 SURVEYED BY
 PLOTTED BY
 NOTE BOOK NO. AREA ENGINEER

FINAL SURVEY BY DATE
 SURVEYED BY
 PLOTTED BY
 NOTE BOOK NO. AREA ENGINEER



CONTRACT # 95734
 SHELBY COUNTY
 CITY OF SHELBYVILLE
 SECTION # 12-00053-00-R5
 N 9th STREET
 SHEET 47 OF 49 SHEETS

FINAL SURVEY
 SURVEYED, PLOTTED, REVISIONS, NO. AREAS CHECKED, BY, DATE

FINAL SURVEY
 SURVEYED, PLOTTED, REVISIONS, NO. AREAS CHECKED, BY, DATE

CONTRACT # 95734
 SHELBY COUNTY
 CITY OF SHELBYVILLE
 SECTION # 17-0005-CO-RS
 N 7th STREET
 SHEET 48 OF 49 SHEETS

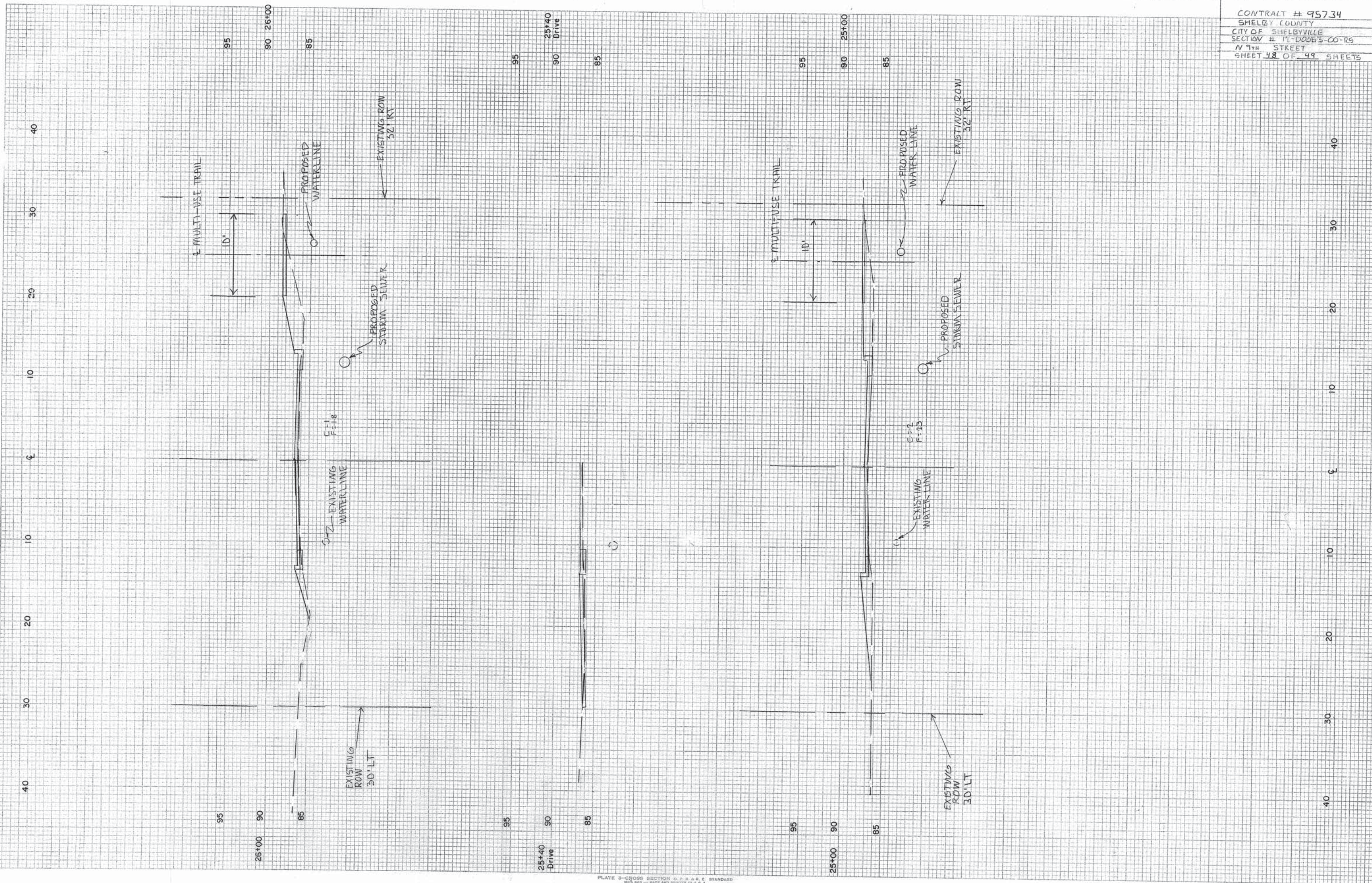
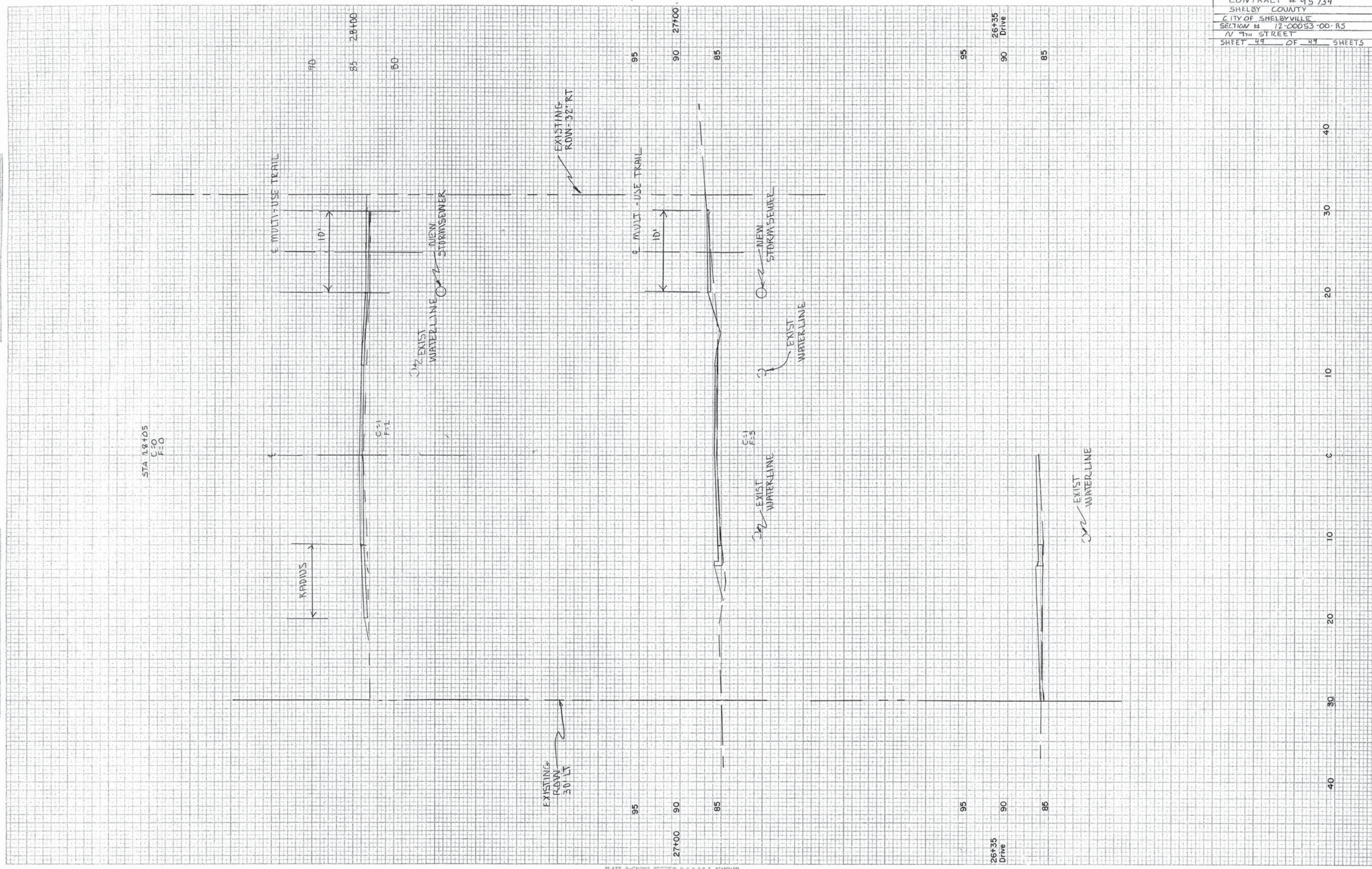


PLATE 3-CROSS SECTION G. N. S. & E. STANDARD
 NATIONAL TRACING PAPER DIVISION
 I.P.P.A.L. CO., INDIANAPOLIS, INDIANA

FINAL SURVEY
 SURVEYED BY
 DATE

ORIGINAL SURVEY
 SURVEYED BY
 DATE

CONTRACT # 95734
 SHELBY COUNTY
 CITY OF SHELBYVILLE
 SECTION # 12-00053-00-R5
 N 7th STREET
 SHEET 49 OF 49 SHEETS



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