

# Village of Armington Street Improvements

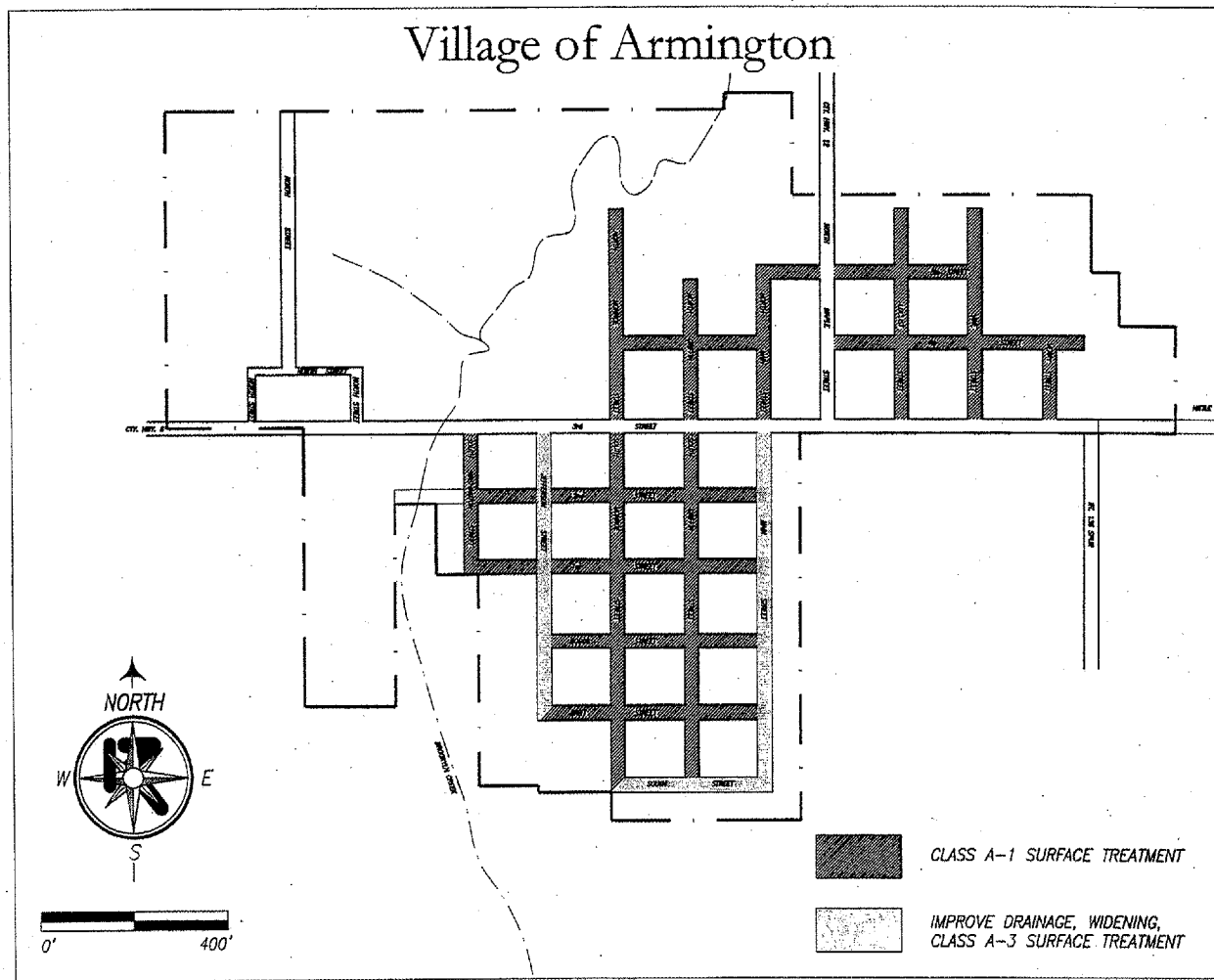
Documents Prepared By: **Randolph & Associates, Inc.** Engineering Contact: **Erich Thomas** Date: **April 5, 2007**

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XS-1 to XS-19	Cross Sections

Jefferson Street from Britt Street to 3rd Street  
South Street from Monroe Street to Main Street  
Main Street from South Street to 3rd Street  
Various other Street Improvements

IDOT Section Number	
05-00001-00-RS	Tazewell County
Project Number	
HD-0179(026)	
Job Number	
C-94-034-06	

List of Standards	
000001-04	Standard Symbols, Abbreviations and Patterns
280001-03	Temporary Erosion Control Systems
542401	Metal End Section for Pipe Culverts
601001-01	Sub-Surface Drains
602301-01	Inlet - Type A
604001-02	Frame and Lids Type 1
604036-01	Grate Type B
701006-02	Off-Rd Operations, 2L, 2W, 4.5m(15') to 600mm (24") from Pavement Edge
701011-01	Off-Rd Moving Operations, 2L, 2W, Day Only
701301-02	Lane Closure, 2L, 2W, Short Time Operations
701311-02	Lane Closure, 2L, 2W, Moving Operations - Day Only
701501-03	Urban Lane Closure, 2L, 2W, Undivided
702001-06	Traffic Control Devices
B.L.R. 17-3	Traffic Control Devices - Day Labor Construction
B.L.R. 21-6	Typical Application of Traffic Control Devices for Construction on Rural Local Highways
B.L.R. 22-4	Typical Application of Traffic Control Devices for Construction on Rural Local Highways (Two-Lane Two Way Rural Traffic) (Road Closed to Thru Traffic)
701801-03	Lane Closure Multilane 1W or 2W Crosswalk or Sidewalk Closure



FUNCTIONAL CLASSIFICATIONS (ALL): LOCAL STREET  
ADT (ALL): < 400

APPROXIMATE TOTAL PROJECT LENGTH = 16,605 FEET = 3.145 MILES



State of Illinois Department of Transportation Division of Highways	
APPROVED	<i>Erich Thomas</i> 2007 Village Engineer Local Agency, Position
PASSED	20
District 4 Engineer of Local Roads & Streets	
RELEASING FOR BID BASED ON LIMITED REVIEW	20
Deputy Director of Highways, Region 3 Engineer	

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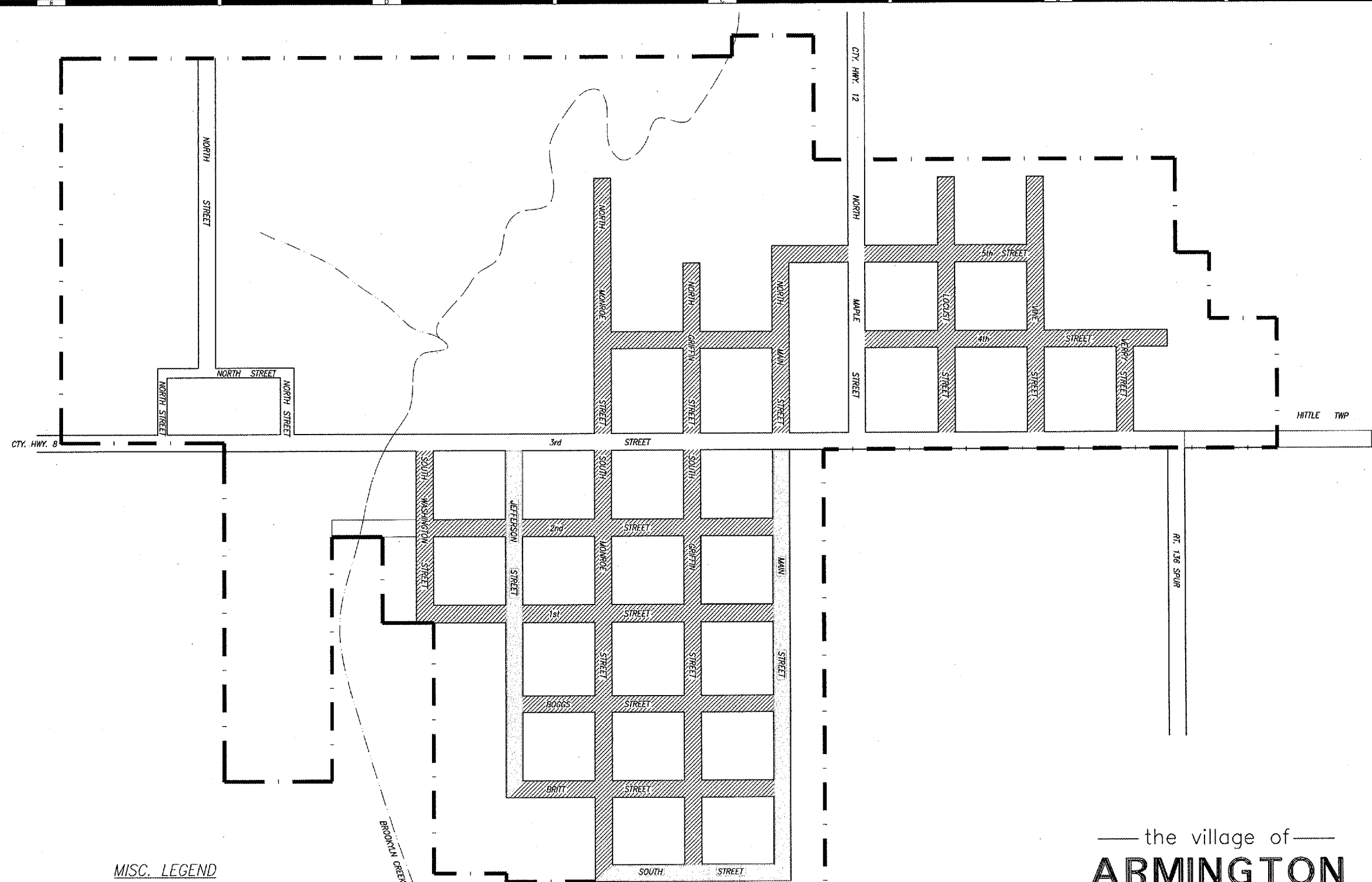


Randolph & Associates, Inc.  
BY: *Ryan M. Bradle*  
ILL. REG. P.E. NO. 062-055671  
DATE: 4/9/07

Projects\0773\773-01\Cadd\C-01\_Cover Sheet.dwg, Layout1, 4/4/2007 1:39:20 PM, ThomasE, 1:2


Projects\0773\773-016\Cadd\C-02\_Street Layout.dwg, Layout1, 4/26/2007 10:34:52 AM, ThomasE, 1:2

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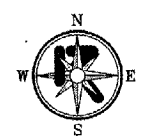


MISC. LEGEND

CLASS A-1 SURFACE TREATMENT 

IMPROVE DRAINAGE, WIDENING, CLASS A-3 SURFACE TREATMENT 

— the village of —  
**ARMINGTON**  
ILLINOIS




Scale: 1" = 200'

CONTRACT #09391  
SHEET 2 OF 43

REVISIONS	
No.	DATE

STREET LAYOUT  
**STREET IMPROVEMENTS**  
ARMINGTON, ILLINOIS



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DESIGNED BY	E. THOMAS
CHECKED BY	E. THOMAS
APPROVED BY	R. BRADLE
SCALE	
DATE	2, Apr. 2007
PROJECT NO.	0773-016
DRAWING NO.	C-2

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CONTRACT #89391  
SHEET 3 OF 43

SUMMARY OF QUANTITIES			
Code Number	Pay Item	Quantity	Unit
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	74	UNIT
20800150	TRENCH BACKFILL	34	CU YD
21400100	GRADING AND SHAPING DITCHES	5688	FOOT
25000100	SEEDING, CLASS 1	1.75	ACRE
25000400	NITROGEN FERTILIZER NUTRIENT	160	POUND
25000500	PHOSPHORUS FERTILIZER NUTRIENT	160	POUND
25000600	POTASSIUM FERTILIZER NUTRIENT	160	POUND
25100105	MULCH, METHOD 1	1.75	ACRE
28000250	TEMP EROSION CONTROL SEEDING	175	POUND
28000400	PERIMETER EROSION BARRIER	6283	FOOT
28000500	INLET & PIPE PROTECTION	11	EACH
35102000	AGGREGATE BASE COURSE, TYPE B 8"	2342	SQ YD
40200500	AGGREGATE SURFACE COURSE, TYPE A 6"	434	SQ YD
40300100	BITUMINOUS MATERIALS (PRIME COAT)	3649	GALLON
40300300	BITUMINOUS MATERIALS (COVER AND SEAL COATS)	19866	GALLON
40300500	COVER COAT AGGREGATE	209	TON
40300600	SEAL COAT AGGREGATE	412	TON
40300700	PREPARATION OF BASE	8358	SQ YD
40800050	INCIDENTAL HOT-MX ASPHALT SURFACING	5	TON
44000200	DRIVEWAY PAVEMENT REMOVAL	663	SQ YD
44000300	CURB REMOVAL	31	FOOT
44000800	SIDEWALK REMOVAL	952	SQ FT
44005000	STABILIZED SHOULDER REMOVAL	834	SQ YD
48101600	AGGREGATE SHOULDERS, TYPE B 8"	1339	SQ YD
50105220	PIPE CULVERT REMOVAL	226	FOOT
54200637	PIPE CULVERTS, TYPE 1, CORRUGATED STEEL OR ALUMINUM CULVERT PIPE 12"	424	FOOT
54215547	METAL END SECTIONS 12"	32	EACH
55100400	STORM SEWER REMOVAL 10"	79	FOOT
56109210	WATER VALVES TO BE ADJUSTED	5	EACH
56400300	FIRE HYDRANTS TO BE ADJUSTED	3	EACH
56500600	DOMESTIC WATER SERVICE BOXES TO BE ADJUSTED	10	EACH
60107700	PIPE UNDERDRAINS 6"	95	FOOT
60234900	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID (36" DEPTH)	1	EACH
60236300	INLETS, TYPE A, TYPE 8 GRATE (18" DEPTH)	6	EACH
60236400	INLETS, TYPE A, TYPE 8 GRATE (24" DEPTH)	1	EACH
60236510	INLETS, TYPE A, TYPE 8 GRATE (36" DEPTH)	1	EACH
60260100	INLETS TO BE ADJUSTED	1	EACH
60262700	INLETS TO BE RECONSTRUCTED	1	EACH
60500060	REMOVING INLETS	13	EACH
67100100	MOBILIZATION	1	L SUM
70103700	TRAFFIC CONTROL COMPLETE	1	L SUM
72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	9	EACH
XX000610	RELOCATE EXISTING MAILBOX	11	EACH
Z0013798	CONSTRUCTION LAYOUT	1	L SUM

Utilities		
COMPANY	TYPE	LOCATION
AMEREN CILCO	ELECTRIC/GAS	THROUGHOUT PROJECT
VERIZON	PHONE	THROUGHOUT PROJECT
HEARTLAND CABLE	CABLE TV	THROUGHOUT PROJECT
VILLAGE OF ARMINGTON	WATER	THROUGHOUT PROJECT

**General Notes**

- ALL CONSTRUCTION MATERIALS, EARTHWORK, PAVEMENT SUBBASE, AND PAVEMENT SURFACE CONSTRUCTION SHALL CONFORM TO THE APPLICABLE ARTICLES OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION, LATEST EDITION - HEREINAFTER REFERRED AS "STANDARD SPECIFICATIONS".
- THE LOCATION AND SIZES OF EXISTING UNDERGROUND UTILITIES, AS SHOWN ON THE PLANS, ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT THEY ARE NOT GUARANTEED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THEIR EXACT LOCATION AND SIZES FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION, AS REQUIRED FOR CONSTRUCTION.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROTECT ALL EXISTING UTILITIES DURING CONSTRUCTION. CONTRACTOR SHALL COORDINATE ANY UTILITY RELOCATION WITH THE UTILITY OWNER OR GOVERNING AGENCY.
- WHERE EXISTING UTILITIES AND FIELD TILES ARE CROSSED, SELECT COMPACTED BACKFILL OR FLOWABLE FILL SHALL BE PROVIDED TO ONE FOOT ABOVE THE EXISTING UTILITY.
- THE LOCATIONS OF EXISTING RIGHT-OF-WAY LINES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT ARE NOT GUARANTEED. THE CONTRACTOR SHALL CONFINE THE CONSTRUCTION TO WITHIN THE RIGHT OF WAY.
- STREETS, PARKING LOTS, OR PRIVATE DRIVEWAYS SHALL NOT BE COMPLETELY CLOSED WITHOUT PRIOR NOTIFICATION OF PROJECT OWNER AND PROPERTY OWNER BY CONTRACTOR. ANY AGREEMENT BETWEEN THE CONTRACTOR AND OWNER REGARDING CLOSURES MUST BE MADE IN WRITING. PRIVATE ENTRANCES MUST BE MADE ACCESSIBLE AT THE CONCLUSION OF EACH DAY OF CONSTRUCTION.
- ALL GRAVEL AND BITUMINOUS ENTRANCES AFFECTED BY CONSTRUCTION SHALL BE REMOVED AND REPLACED TO THE RIGHT-OF-WAY LINE. ENTRANCES WITH CONCRETE SHALL HAVE ONLY THE GRAVEL PORTION REMOVED AND REPLACED. ALL ENTRANCES REPLACED SHALL BE OF QUALITY EQUAL TO OR BETTER THAN EXISTING. THE FINISHED ENTRANCES MUST BE APPROVED BY THE ENGINEER.
- ALL EXISTING ENTRANCES ARE GRAVEL UNLESS OTHERWISE NOTED. THE PROPOSED ENTRANCES SHALL BE AGGREGATE SURFACE COURSE, TYPE A OF 6" DEPTH, AND MATCH THE LIMITS OF THE EXISTING ENTRANCES UNLESS OTHERWISE NOTED.
- ALL PROPOSED INLETS SHALL BE RECONNECTED TO EXISTING PIPES. THE COST OF RECONNECTION SHALL BE INCLUDED IN THE UNIT PRICE OF THE INLET.
- ALL SEEDED AREAS DISTURBED DURING CONSTRUCTION SHALL BE FERTILIZED, SEEDED AND MULCHED IN ACCORDANCE WITH CLASS 1 IDOT SPECIFICATIONS.
- CONTRACTOR IS RESPONSIBLE FOR CLEARING AND REMOVING ALL CLEARED MATERIAL FROM THE CONSTRUCTION SITE. ALL COSTS FOR CLEARING SHALL BE INCLUDED IN THE CONTRACT AMOUNT.
- CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING APPROPRIATE TRAFFIC CONTROL DEVICES IN ACCORDANCE WITH BOTH THE LATEST REQUIREMENTS OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION (IDOT) SPECIFICATIONS AND ANY REQUIREMENTS DETAILED IN THE CONTRACT DOCUMENTS.
- CONTRACTOR SHALL PREVENT DAMAGE FROM OCCURRING TO ALL EXISTING BUILDINGS OR STRUCTURES AS A RESULT OF CONSTRUCTION.
- SIGNS, MAILBOXES, FENCE, FENCE RAILS, POSTS, LANDSCAPING ITEMS, & OTHER ITEMS NOT IDENTIFIED ON THE BID SCHEDULE WHICH ARE DAMAGED OR DISTURBED DURING CONSTRUCTION SHALL BE REPLACED WITH LIKE MATERIALS AND CONSTRUCTION AND SHALL BE INCLUDED IN THE CONTRACT AMOUNT.
- THE INLET RIM ELEVATIONS SHOWN ON THE DRAWINGS ARE APPROXIMATE. CONTRACTOR SHALL SET FINAL ELEVATIONS TO MATCH FINAL GRADE, UNLESS OTHERWISE INDICATED.
- EROSION CONTROL SHALL BE PROVIDED FOR ANY AREA DISTURBED AS A RESULT OF CONSTRUCTION PER THE "ILLINOIS PROCEDURES AND STANDARDS FOR URBAN SOIL EROSION AND SEDIMENTATION CONTROL" AS PUBLISHED BY THE ILLINOIS NATURAL RESOURCES CONSERVATION SERVICE. COST INCLUDED IN THE CONTRACT AMOUNT.
- NO ROAD CLOSURES SHALL BE ALLOWED OVERNIGHT. TWO WAY TRAFFIC SHALL BE MAINTAINED DURING ALL NON-WORKING HOURS. ACCESS MUST BE MAINTAINED TO ALL EXISTING PROPERTIES DURING CONSTRUCTION IN ACCORDANCE WITH ARTICLE 107.09 UNLESS ARRANGEMENTS ARE MADE IN WRITING BY THE CONTRACTOR WITH THE PROPERTY OWNERS WITH A COPY TO THE ENGINEER FOR SHORT TERM CLOSURES.
- ALL SIDEWALK INDICATED TO BE REMOVED SHALL BE REMOVED TO THE NEAREST JOINT.
- THE QUANTITY FOR SIDEWALK REMOVAL INCLUDES AREAS WHERE SIDEWALK MAY EXIST UNDER THE ROAD SURFACE. IF NO SIDEWALK EXISTS UNDER THE ROAD SURFACE THESE AREAS OF SIDEWALK REMOVAL WILL NOT BE PAID FOR.
- THE EXISTING BITUMINOUS ROADWAY SHALL BE TILLED AND COMPACTED ACCORDING TO SECTION 358 IN THE STANDARD SPECIFICATIONS TO PROVIDE A BASE FOR THE A-3 SURFACE TREATMENT.
- COVER AND SEAL COAT AGGREGATE SHALL BE BLACK TRAP AGGREGATE.
- ALL UTILITIES AFFECTED BY CONSTRUCTION SHALL BE RELOCATED AS NECESSARY.
- STREET LIGHTS WITHIN THE LIMITS OF CONSTRUCTION SHALL BE RELOCATED BY THE UTILITY COMPANY AS NECESSARY. THE PROPOSED LOCATION MUST BE APPROVED BY THE ENGINEER PRIOR TO RELOCATION.
- MAILBOXES WITHIN THE LIMITS OF CONSTRUCTION SHALL BE RELOCATED TO ACCOMMODATE THE WIDENING OF THE ROADWAY. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION WITH THE POSTAL SERVICE TO PROVIDE TEMPORARY MAIL SERVICE FOR ADDRESSES AFFECTED BY CONSTRUCTION. THE FINAL LOCATION OF EACH MAILBOX MUST BE APPROVED BY THE ENGINEER. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE "EACH" FOR "RELOCATE EXISTING MAILBOX".

NO.	DATE	DESCRIPTION

SUMMARY OF QUANTITIES AND GENERAL NOTES  
**STREET IMPROVEMENTS**  
ARMINGTON, ILLINOIS

**R**

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DATE BY  
E. THOMAS  
CHECKED BY  
E. THOMAS  
APPROVED BY  
R. BRADLE  
SCALE

DATE  
5, Apr. 2007  
PROJECT NO.  
0773-016  
DRAWING NO.  
C-3

REVISIONS

No.	Date	Description

TREE REMOVAL (OVER 15 UNITS DIAMETER) 20100210

LOCATION	OFFSET FT	LT/RT	QUANTITY UNIT
STA 200+49.18	16.31	LT	20
STA 206+40.99	15.74	LT	28
STA 216+96.17	22.89	LF	26
<b>TOTAL:</b>			<b>74</b>

SEEDING, CLASS 1 25000100

LOCATION	LT. LIMIT	RT. LIMIT	QUANTITY	QUANTITY
	FEET	FEET	SQ FT	ACRE
STA 100+00.00	13	13		
STA 101+00.00	24	18	1000	0.023
STA 102+00.00	23	20	1850	0.042
STA 103+00.00	22	30	2350	0.054
STA 104+00.00	23	27	2700	0.062
STA 105+00.00	23	27	2600	0.060
STA 106+00.00	28	27	2850	0.065
STA 107+00.00	27	26	3000	0.069
STA 108+00.00	21	18	2200	0.051
STA 109+00.00	26	29	2300	0.053
STA 110+00.00	24	26	2850	0.065
STA 111+00.00	27	27	2800	0.064
STA 112+00.00	19	27	2600	0.060
<b>TOTAL:</b>				<b>1.75</b>

INLET AND PIPE PROTECTION 28000500

LOCATION	OFFSET FT	LT/RT	QUANTITY
			EACH
STA 105+17.50	19.41	LT	1
STA 108+89.64	17.82	LT	1
STA 109+35.76	22.32	LT	1
STA 110+68.04	24.31	LT	1
STA 110+73.10	17.11	RT	1
STA 207+36.84	16.19	LT	1
STA 208+89.09	21.53	LT	1
STA 213+84.41	16.92	LT	1
STA 215+08.94	21.35	LT	1
STA 219+23.51	24.66	RT	1
STA 219+52.04	19.62	LT	1
<b>TOTAL:</b>			<b>11</b>

TRENCH BACKFILL 20800150

LOCATION	OFFSET FEET	LT/RT	LOCATION	OFFSET FEET	LT/RT	QUANTITY CU YD
STA 102+96	28.0	RT	TO STA 103+20	27.8	RT	2.40
STA 105+18	14.5	LT	TO STA 105+18	13.7	RT	3.87
STA 106+03	25.7	LT	TO STA 106+33	25.4	LT	6.37
STA 106+06	24.6	RT	TO STA 106+36	25.2	RT	4.15
STA 109+07	27.3	RT	TO STA 106+41	27.2	RT	3.07
STA 200+31	13.4	RT	TO STA 200+41	15.3	LT	3.33
STA 203+02	25.9	LT	TO STA 203+36	25.1	LT	4.08
STA 208+98	25.9	LT	TO STA 208+26	26.5	LT	4.13
STA 218+21	26.7	LT	TO STA 218+49	26.3	LT	2.58
<b>TOTAL:</b>						<b>34</b>

AGGREGATE BASE COURSE, TYPE B, 8" 35102000

STATION	TO STATION	WIDENING FEET	QUANTITY SQ YD
STA 100+00.00	TO STA 112+02.19	8.00	1068.6
STA 200+00.00	TO STA 206+50.00	4.00	288.9
STA 206+50.00	TO STA 221+27.24	6.00	984.8
<b>TOTAL:</b>			<b>2342</b>

GRADING AND SHAPING DITCHES 21400100

LOCATION	OFFSET FEET	LT/RT	TO	LOCATION	OFFSET FEET	LT/RT	QUANTITY FEET
STA 100+26.46	9.51	RT	TO	STA 102+98.57	27.38	RT	262.27
STA 100+34.81	38.52	LT	TO	STA 103+02.08	17.61	RT	283.78
STA 103+21.10	17.92	LT	TO	STA 103+47.36	18.50	LT	26.27
STA 103+21.75	26.87	RT	TO	STA 104+77.74	17.53	RT	157.36
STA 103+70.05	18.48	LT	TO	STA 106+03.00	25.52	LT	234.74
STA 105+05.58	18.09	RT	TO	STA 106+02.12	23.83	RT	97.28
STA 106+33.84	24.85	LT	TO	STA 108+89.67	17.75	LT	256.83
STA 106+36.76	24.65	RT	TO	STA 107+93.32	15.04	RT	157.23
STA 108+14.47	16.17	RT	TO	STA 109+04.70	25.88	RT	91.39
STA 109+36.19	22.52	LT	TO	STA 111+90.70	16.08	LT	255.53
STA 109+40.79	26.43	RT	TO	STA 111+17.56	18.82	RT	177.10
STA 111+42.11	18.90	RT	TO	STA 111+87.48	18.02	RT	45.37
STA 200+20.41	11.37	LT	TO	STA 201+23.17	14.04	LT	92.84
STA 200+28.82	23.07	RT	TO	STA 200+99.33	18.63	RT	81.69
STA 201+15.36	18.77	RT	TO	STA 201+88.30	16.49	RT	73.12
STA 201+84.38	13.83	LT	TO	STA 203+02.04	25.41	LT	119.84
STA 202+17.53	15.98	RT	TO	STA 204+31.48	19.59	RT	214.49
STA 203+37.28	24.31	LT	TO	STA 207+74.87	15.21	LT	411.63
STA 204+70.18	19.25	RT	TO	STA 204+91.05	19.03	RT	20.87
STA 205+22.45	18.92	RT	TO	STA 206+16.71	42.87	RT	121.26
STA 206+07.87	75.56	RT	TO	STA 219+69.56	19.44	RT	1413.59
STA 208+13.43	16.57	LT	TO	STA 208+87.09	19.26	LT	74.20
STA 209+27.72	24.73	LT	TO	STA 211+89.99	19.03	LT	263.86
STA 212+34.47	22.33	LT	TO	STA 215+08.49	18.60	LT	271.71
STA 215+47.88	26.30	LT	TO	STA 217+98.39	17.37	LT	253.08
STA 218+53.83	21.98	LT	TO	STA 219+75.91	18.97	LT	116.13
STA 219+89.51	19.36	RT	TO	STA 221+03.84	16.46	RT	114.43
<b>TOTAL:</b>							<b>5688</b>

PERIMETER EROSION BARRIER 28000400

STATION	TO STATION	LT/RT	QUANTITY FOOT
STA 100+00	TO STA 103+02	LT	347.89
STA 100+00	TO STA 103+01	RT	285.63
STA 103+20	TO STA 106+10	RT	209.93
STA 103+21	TO STA 103+47	LT	25.88
STA 103+65	TO STA 106+05	LT	238.63
STA 106+30	TO STA 109+14	LT	285.76
STA 106+32	TO STA 107+95	RT	164.67
STA 108+10	TO STA 109+10	RT	98.75
STA 109+28	TO STA 109+45	LT	16.06
STA 109+36	TO STA 111+21	RT	182.78
STA 109+57	TO STA 112+00	LT	241.85
STA 111+39	TO STA 112+00	RT	61.12
STA 200+00	TO STA 201+24	LT	110.60
STA 200+00	TO STA 201+01	RT	124.52
STA 201+12	TO STA 201+92	RT	79.51
STA 201+54	TO STA 201+73	LT	18.51
STA 201+83	TO STA 203+06	LT	124.63
STA 202+13	TO STA 204+35	RT	222.37
STA 203+31	TO STA 207+76	LT	512.56
STA 204+67	TO STA 204+96	RT	28.92
STA 205+17	TO STA 219+74	RT	1854.12
STA 208+10	TO STA 209+02	LT	91.61
STA 209+20	TO STA 212+05	LT	284.11
STA 212+22	TO STA 215+23	LT	305.12
STA 215+41	TO STA 218+23	LT	284.97
STA 218+48	TO STA 219+88	LT	141.13
STA 219+87	TO STA 221+27	RT	141.20
<b>TOTAL:</b>			<b>6283</b>

AGGREGATE SURFACE COURSE, TYPE A 6" 40200500

STATION	TO STATION	WIDENING FEET	QUANTITY SQ YD
PRIVATE ENTRANCE @ STA 103+08			46.2
PRIVATE ENTRANCE @ STA 103+59			39.1
PRIVATE ENTRANCE @ STA 104+92			44.3
PRIVATE ENTRANCE @ STA 108+02			33.2
PRIVATE ENTRANCE @ STA 109+51			25.0
PRIVATE ENTRANCE @ STA 111+29			37.1
PRIVATE ENTRANCE @ STA 201+40			13.5
PRIVATE ENTRANCE @ STA 201+77			6.2
PRIVATE ENTRANCE @ STA 202+03			56.8
PRIVATE ENTRANCE @ STA 204+51			78.7
PRIVATE ENTRANCE @ STA 205+06			54.8
PRIVATE ENTRANCE @ STA 207+93			59.2
PRIVATE ENTRANCE @ STA 219+80			26.9
<b>TOTAL:</b>			<b>434</b>

BITUMINOUS MATERIALS (PRIME COAT) 40300100

APPLICATION RATE: 4 GAL/SQ YD

STATION	TO STATION	AREA SQ YD	QUANTITY GALLON
STA 100+00	TO STA 112+02	3400	1360.0
STA 200+00	TO STA 221+27	5723	2289.2
<b>TOTAL:</b>			<b>3649</b>

BITUMINOUS MATERIALS (COVER AND SEAL COAT) 40300300

APPLICATION RATE: 4 GAL/SQ YD, 3 APPLICATIONS

STATION	TO STATION	AREA SQ YD	QUANTITY GALLON
STA 100+00	TO STA 112+02	3121	3745.2
STA 200+00	TO STA 221+27	5237	6284.4
VARIOUS OTHER STREETS		24590	9836.0
<b>TOTAL:</b>			<b>19866</b>

COVER COAT AGGREGATE 40300500

APPLICATION RATE: 25 LB/SQ YD, 2 APPLICATIONS

STATION	TO STATION	AREA SQ YD	QUANTITY TON
STA 100+00	TO STA 112+02	3121	78.0
STA 200+00	TO STA 221+27	5237	130.9
<b>TOTAL:</b>			<b>209</b>

NITROGEN FERTILIZER NUTRIENT 25000400

LOCATION	Application Rate: 90 lb/acre	QUANTITY POUNDS
1.75 ACRES AT 90 LB/ACRE		160
<b>TOTAL:</b>		<b>160</b>

PHOSPHORUS FERTILIZER NUTRIENT 25000500

LOCATION	Application Rate: 90 lb/acre	QUANTITY POUNDS
1.75 ACRES AT 90 LB/ACRE		160
<b>TOTAL:</b>		<b>160</b>

POTASSIUM FERTILIZER NUTRIENT 25000600

LOCATION	Application Rate: 90 lb/acre	QUANTITY POUNDS
1.75 ACRES AT 90 LB/ACRE		160
<b>TOTAL:</b>		<b>160</b>

MULCH, METHOD 1 25100105

LOCATION	QUANTITY ACRES
MULCH QUANTITY IS EQUAL TO QUANTITY FOR SEEDING, CLASS 1	
<b>TOTAL:</b>	<b>1.75</b>

TEMPORARY EROSION CONTROL SEEDING 28000250

LOCATION	QUANTITY POUNDS
1.75 ACRES AT 100 LB/ACRE	
<b>TOTAL:</b>	<b>175</b>

SCHEDULE OF QUANTITIES  
STREET IMPROVEMENTS  
ARMINGTON, ILLINOIS

**R**  
Randolph & Associates, Inc.  
Consulting Engineers  
Land Surveyors  
911 Pioneer Parkway, Peoria, IL 61615  
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IL Design Firm Reg. # 184-001317

PREPARED BY:  
**E. THOMAS**  
DESIGNED BY:  
**E. THOMAS**  
APPROVED BY:  
**R. BEADLE**  
SCALE:  
DATE:  
**5. APR. 2007**  
PROJECT NO.:  
**0773-016**  
DRAWING NO.:  
**C-4**



REVISIONS

SCHEDULE OF QUANTITIES  
STREET IMPROVEMENTS  
ARMINGTON, ILLINOIS

SEAL COAT AGGREGATE						40300600
APPLICATION RATE: 25 LB/SQ YD						
LOCATION				AREA	QUANTITY	
STATION TO STATION				SQ YD	TON	
STA	100+00	TO	STA 112+02	3121.00	39	
STA	200+00	TO	STA 221+27	5237.00	66	
VARIOUS OTHER STREETS				24590	307	
<b>TOTAL:</b>						412

PREPARATION OF BASE						40300700
LOCATION						AREA
STATION TO STATION						SQ YD
STA	100+00	TO	STA 112+02	3121.0		
STA	200+00	TO	STA 221+27	5237.0		
<b>TOTAL:</b>						8358

INCIDENTAL HOT-MIX ASPHALT SURFACING							40800050					
LOCATION							AREA					
STATION TO STATION							SQ YD					
CONVERSION							DEPTH					
							INCH					
							LB/SQ YD-IN					
							QUANTITY					
							TON					
PRIVATE ENTRANCE @ STA 201+06							RT	28.20	3	112	4.74	
<b>TOTAL:</b>												5

CURB REMOVAL						44000300
LOCATION						AREA
STATION TO STATION						FOOT
STA	106+33.08	TO	106+49.77	RT	31.0	
<b>TOTAL:</b>						31

SIDEWALK REMOVAL					44000600
LOCATION					QUANTITY
STATION TO STATION					SQ FT
STA	106+20	LT			174.9
STA	108+92	-			196.9
STA	111+94	-			137.2
STA	200+24	LT			15.8
STA	200+80	RT			8.6
STA	202+94	-			213
STA	205+65	RT			14.9
STA	205+72	LT			19.5
STA	207+22	LT			18.8
STA	215+31	LT			76.3
STA	218+35	LT			75.7
<b>TOTAL:</b>					952

STABILIZED SHOULDER REMOVAL						44005000
LOCATION						QUANTITY
STATION TO STATION						SQ YD
STA	105+37	TO	STA 106+11	LT	138.8	
STA	106+26	TO	STA 108+88	LT	262.8	
STA	106+50	TO	STA 107+77	RT	136.6	
STA	109+57	TO	STA 109+97	LT	57.1	
STA	111+26	TO	STA 111+76	LT	30.3	
STA	201+82	TO	STA 202+92	LT	95.1	
STA	202+13	TO	STA 203+09	RT	93.4	
STA	205+36	TO	STA 205+95	RT	20.3	
<b>TOTAL:</b>						834

PIPE CULVERT REMOVAL					50105220
LOCATION					QUANTITY
OFFSET					FOOT
STATION TO STATION					FOOT
STA	103+08	14.50	LT	24	
STA	103+59	15.20	LT	26	
STA	104+92	14.90	RT	36	
STA	111+29	11.30	RT	24	
STA	204+51	15.30	RT	36	
STA	205+06	14.70	RT	40	
STA	205+58	15.70	RT	20	
STA	213+66	16.30	LT	20	
<b>TOTAL:</b>					226

AGGREGATE SHOULDERS, TYPE B 8"								48101600
LOCATION								QUANTITY
STATION TO STATION								SQ YD
WIDTH								FT
STA	100+00	TO	STA 103+03	LT	2			67.33
STA	100+00	TO	STA 103+03	RT	2			67.33
STA	103+21	TO	STA 103+47	LT	2			5.78
STA	103+15	TO	STA 104+82	RT	2			37.11
STA	103+69	TO	STA 106+10	LT	2			53.56
STA	105+04	TO	STA 106+14	RT	2			24.44
STA	106+25	TO	STA 109+14	LT	2			64.22
STA	106+29	TO	STA 107+94	RT	2			36.67
STA	108+18	TO	STA 109+14	RT	2			21.33
STA	109+25	TO	STA 109+45	LT	2			4.44
STA	109+34	TO	STA 111+20	RT	2			41.33
STA	109+59	TO	STA 112+02	LT	2			54.00
STA	111+40	TO	STA 112+02	RT	2			13.78
STA	200+00	TO	STA 201+25	LT	2			27.78
STA	200+00	TO	STA 200+98	RT	2			21.78
STA	201+15	TO	STA 201+87	RT	2			16.00
STA	201+54	TO	STA 201+72	LT	2			4.00
STA	201+83	TO	STA 203+10	LT	2			28.22
STA	202+18	TO	STA 204+31	RT	2			47.33
STA	203+27	TO	STA 207+73	LT	2			99.11
STA	204+70	TO	STA 204+93	RT	2			5.11
STA	205+23	TO	STA 219+74	RT	2			322.44
STA	208+14	TO	STA 209+03	LT	2			19.78
STA	209+18	TO	STA 212+06	LT	2			64.00
STA	212+20	TO	STA 215+24	LT	2			67.56
STA	215+36	TO	STA 218+25	LT	2			63.78
STA	218+42	TO	STA 219+73	LT	2			29.11
STA	219+87	TO	STA 221+28	RT	2			31.33
<b>TOTAL:</b>								1339

WATER VALVES TO BE ADJUSTED					56109210
LOCATION					QUANTITY
OFFSET					EACH
STATION TO STATION					FT
STA	105+97	12.3	RT	1	
STA	105+99	12.2	RT	1	
STA	106+26	14.3	RT	1	
STA	211+34	16.0	RT	1	
STA	216+26	18.3	RT	1	
<b>TOTAL:</b>					5


FIRE HYDRANTS TO BE ADJUSTED					56400300
LOCATION					QUANTITY
OFFSET					EACH
STATION TO STATION					FT
STA	105+92	15.9	RT	1	
STA	211+34	19.0	RT	1	
STA	216+27	20.7	RT	1	
<b>TOTAL:</b>					3

STORM SEWER REMOVAL								55100400
LOCATION								QUANTITY
STATION TO STATION								FOOT
STA	105+17.88	15.87	LT	TO	STA 105+24.29	14.13	RT	30.8
STA	206+87.99	17.50	LT	TO	STA 207+35.76	16.25	LT	47.8
<b>TOTAL:</b>								79

PIPE CULVERTS, TYPE 1, CORRUGATED STEEL OR ALUMINUM CULVERT PIPE 12"										54200637
LOCATION										QUANTITY
STATION TO STATION										FOOT
STA	102+95.80	27.97	RT	TO	STA 103+19.36	27.87	RT	24.0		
STA	103+00.31	18.04	LT	TO	STA 103+20.31	18.17	LT	20.0		
STA	103+48.17	18.98	LT	TO	STA 103+69.17	19.04	LT	22.0		
STA	104+78.95	17.56	RT	TO	STA 105+04.94	17.99	RT	26.0		
STA	105+17.50	14.53	LT	TO	STA 105+17.50	13.64	RT	28.0		
STA	106+03.59	25.92	LT	TO	STA 106+33.33	25.36	LT	30.0		
STA	106+04.93	24.66	RT	TO	STA 106+35.18	25.21	RT	30.0		
STA	109+06.05	27.63	RT	TO	STA 109+40.36	27.10	RT	34.0		
STA	111+18.25	18.98	RT	TO	STA 111+41.25	19.25	RT	24.0		
STA	201+00.13	19.00	RT	TO	STA 201+14.13	19.17	RT	14.0		
STA	203+02.33	25.97	LT	TO	STA 203+36.76	25.30	LT	34.0		
STA	204+32.45	19.74	RT	TO	STA 204+68.45	19.30	RT	36.0		
STA	204+92.21	19.27	RT	TO	STA 205+20.23	19.22	RT	28.0		
STA	208+98.27	27.14	LT	TO	STA 209+26.34	26.99	LT	28.0		
STA	218+21.58	26.77	LT	TO	STA 218+49.55	26.16	LT	28.0		
STA	219+70.65	20.00	RT	TO	STA 219+88.65	20.00	RT	18.0		
<b>TOTAL:</b>										424

METAL END SECTIONS 12"					5421547
LOCATION					QUANTITY
OFFSET					EACH
STATION TO STATION					FT
STA	102+95.80	27.97	RT	1	
STA	103+00.31	18.04	LT	1	
STA	103+19.36	27.87	RT	1	
STA	103+20.31	18.17	LT	1	
STA	103+48.17	18.98	LT	1	
STA	103+69.17	19.04	LT	1	
STA	104+78.95	17.56	RT	1	
STA	105+04.94	17.99	RT	1	
STA	105+17.50	14.53	LT	1	
STA	105+17.50	13.64	RT	1	
STA	106+03.59	25.92	LT	1	
STA	106+33.33	25.36	LT	1	
STA	106+04.93	24.66	RT	1	
STA	106+35.18	25.21	RT	1	
STA	109+06.05	27.63	RT	1	
STA	109+40.36	27.10	RT	1	
STA	111+18.25	18.98	RT	1	
STA	111+41.25	19.25	RT	1	
STA	201+00.13	19.00	RT	1	
STA	201+14.13	19.17	RT	1	
STA	203+02.33	25.97	LT	1	
STA	203+36.76	25.30	LT	1	
STA	204+32.45	19.74	RT	1	
STA	204+68.45	19.30	RT	1	
STA	204+92.21	19.27	RT	1	
STA	205+20.23	19.22	RT	1	
STA	208+98.27	27.14	LT	1	
STA	209+26.34	26.99	LT	1	
STA	218+21.58	26.77	LT	1	
STA	218+49.55	26.16	LT	1	
STA	219+70.65	20.00	RT	1	
STA	219+88.65	20.00	RT	1	
<b>TOTAL:</b>					32

DOMESTIC WATER SERVICE BOXES TO BE ADJUSTED						56500600
LOCATION						QUANTITY
OFFSET						EACH
STATION TO STATION						FT
STA	101+83	21.7	LT			1
STA	106+39	8.8	RT			1
STA	108+31	22.6	RT			1
STA	108+32	24.7	LT			1
STA	109+86	21.5	RT			1
STA	111+35	22.3	LT			1
STA	111+50	21.3	RT			1
STA	111+87	11.0	RT			1
STA	205+73	21.6	RT			1
STA	205+83	20.9	LT			1
<b>TOTAL:</b>						10



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APPROVED BY: R. BRADLE  
SCALE:

DATE: 5 Apr. 2007  
PROJECT NO.: 0773-016  
DRAWN BY: C-5

R:\Projects\0773\773-016\Cadd\C-06\_Schedule of Quantities.dwg, Layout1, 4/26/2007 10:33:00 AM, ThomasE, 1:2

PIPE UNDERDRAINS 6"									60107700
STATION TO STATION									QUANTITY
STA	LOCATION	FT	LT/RT	TO	STA	LOCATION	FT	LT/RT	FOOT
200+28.82	23.7	RT		TO	200+42.00	16.00	LT		41.0
200+42.00	16	LT		TO	201+00.00	16.00	LT		53.6
<b>TOTAL:</b>									<b>95</b>

TRAFFIC CONTROL COMPLETE		70103700
LOCATION		QUANTITY
ENTIRE JOB SITE		L SUM
		1
<b>TOTAL:</b>		<b>1</b>

INLETS, TYPE A, TYPE 1 FRAME, OPEN LID				60234900
LOCATION				QUANTITY
STA	LOCATION	OFFSET FT	LT/RT	EACH
219+23.51		24.66	RT	1
<b>TOTAL:</b>				<b>1</b>

MOBILIZATION		67100100
LOCATION		QUANTITY
ENTIRE JOB SITE		L SUM
		1
<b>TOTAL:</b>		<b>1</b>

INLETS, TYPE A, TYPE 8 GRATE (18" DEPTH)					60236300
LOCATION					QUANTITY
STA	LOCATION	OFFSET FT	LT/RT	EACH	
105+17.50		19.41	LT	1	
109+35.76		22.32	LT	1	
207+36.84		16.19	LT	1	
208+89.09		21.53	LT	1	
213+84.41		16.92	LT	1	
215+08.94		21.35	LT	1	
<b>TOTAL:</b>					<b>6</b>

RELOCATE SIGN PANEL ASSEMBLY - TYPE A			72400500
LOCATION			QUANTITY
STA	LOCATION	OFFSET FT	EACH
100+47.20		33.75	1
102+85.46		21.01	1
106+03.88		29.96	1
206+09.27		30.48	1
208+88.22		24.00	1
211+91.12		24.44	1
215+07.63		26.33	1
218+07.75		26.12	1
221+10.37		20.11	1
<b>TOTAL:</b>			<b>9</b>

INLETS, TYPE A, TYPE 8 GRATE (24" DEPTH)				60236400
LOCATION				QUANTITY
STA	LOCATION	OFFSET FT	LT/RT	EACH
108+89.64		17.82	LT	1
<b>TOTAL:</b>				<b>1</b>

RELOCATE EXISTING MAILBOX				XX000610
LOCATION				QUANTITY
STA	LOCATION	OFFSET FT	LT/RT	EACH
102+93		9.9	LT	1
103+38		9.5	LT	1
200+82		16.0	RT	1
202+54		20.5	RT	1
204+28		15.9	RT	1
205+66		15.0	RT	1
208+57		11.3	RT	1
212+67		12.1	RT	1
216+40		10.9	RT	1
217+70		11.6	RT	1
218+91		12.1	RT	1
<b>TOTAL:</b>				<b>11</b>

INLETS, TYPE A, TYPE 8 GRATE (36" DEPTH)				60236510
LOCATION				QUANTITY
STA	LOCATION	OFFSET FT	LT/RT	EACH
219+52.04		19.62	LT	1
<b>TOTAL:</b>				<b>1</b>

INLETS TO BE ADJUSTED				60260100
LOCATION				QUANTITY
STA	LOCATION	OFFSET FT	LT/RT	EACH
110+68.11		23.83	LT	1
<b>TOTAL:</b>				<b>1</b>

INLETS TO BE RECONSTRUCTED				60262700
LOCATION				QUANTITY
STA	LOCATION	OFFSET FT	LT/RT	EACH
110+72.83		17.67	RT	1
<b>TOTAL:</b>				<b>1</b>


CONSTRUCTION LAYOUT		Z0013798
LOCATION		QUANTITY
ENTIRE JOB SITE		L SUM
		1
<b>TOTAL:</b>		<b>1</b>

REMOVING INLETS				60500060
LOCATION				QUANTITY
STA	LOCATION	OFFSET FT	LT/RT	EACH
105+17.41		17.44	LT	1
105+24.24		15.62	RT	1
108+95.10		17.71	LT	1
109+35.77		22.32	LT	1
206+86.47		17.6	LT	1
207+37.27		16.21	LT	1
208+89.65		19.51	LT	1
213+85.04		16.97	LT	1
215+10.26		19.88	LT	1
217+19.93		15.93	LT	1
218+00.13		18.73	LT	1
219+23.48		24.62	RT	1
219+52.04		19.6	LT	1
<b>TOTAL:</b>				<b>13</b>

CONTRACT #89391  
SHEET 6 OF 43

No.	DATE	DESCRIPTION

SCHEDULE OF QUANTITIES  
**STREET IMPROVEMENTS**  
 ARMINGTON, ILLINOIS

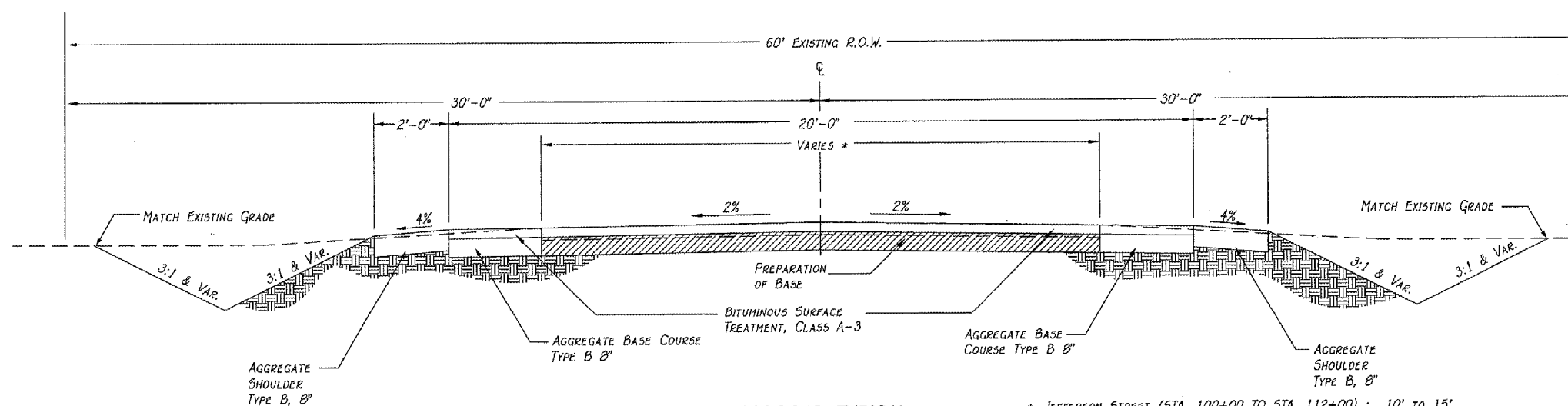


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 APPROVED BY: R. BRADLE  
 IN CHARGE: R. BRADLE

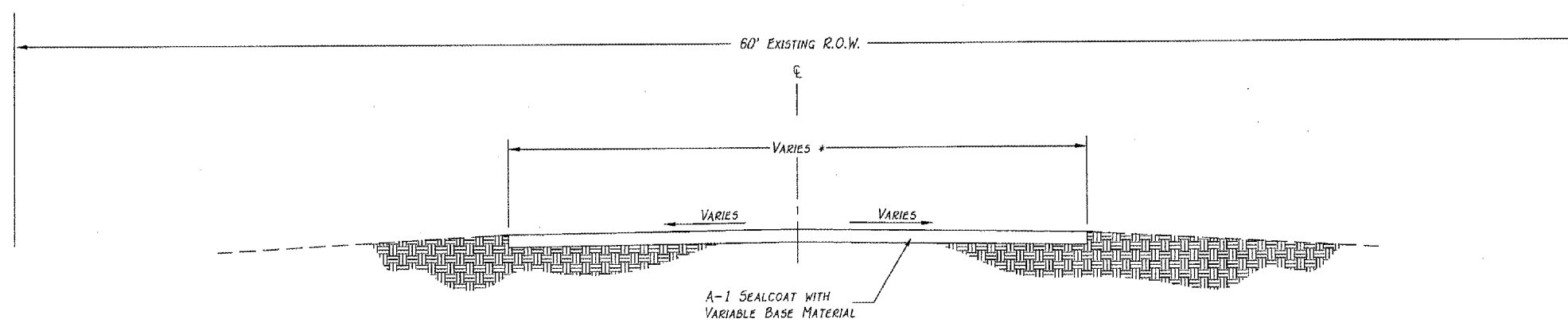
DATE: 5, Apr, 2007  
 PROJECT NO: 0773-016  
 DRAWING NO: C-6





**PROPOSED TYPICAL SECTION**  
NOT TO SCALE

\* JEFFERSON STREET (STA. 100+00 TO STA. 112+00) : 10' TO 15'  
 MAIN STREET (STA. 206+50 TO STA. 221+25) : 12' TO 21'  
 SOUTH STREET (STA. 200+00 TO STA. 206+50) : 14' TO 16'



**EXISTING TYPICAL SECTION**  
NOT TO SCALE

\* JEFFERSON STREET (STA. 100+00 TO STA. 112+00) : 10' TO 15'  
 MAIN STREET (STA. 206+50 TO STA. 221+25) : 12' TO 21'  
 SOUTH STREET (STA. 200+00 TO STA. 206+50) : 14' TO 16'

CONTRACT #09391  
SHEET 8 OF 43

REVISIONS	
No.	Description

TYPICAL SECTIONS  
**STREET IMPROVEMENTS**  
ARMINGTON, ILLINOIS

**R**  
**Randolph & Associates, Inc.**  
 Consulting Engineers  
 Land Surveyors

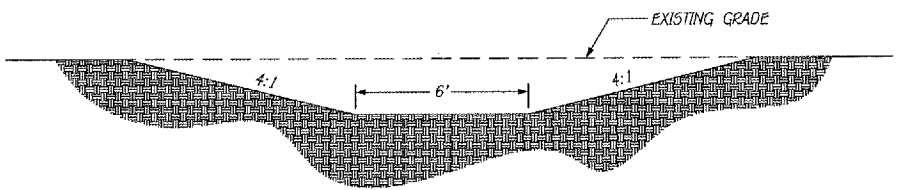
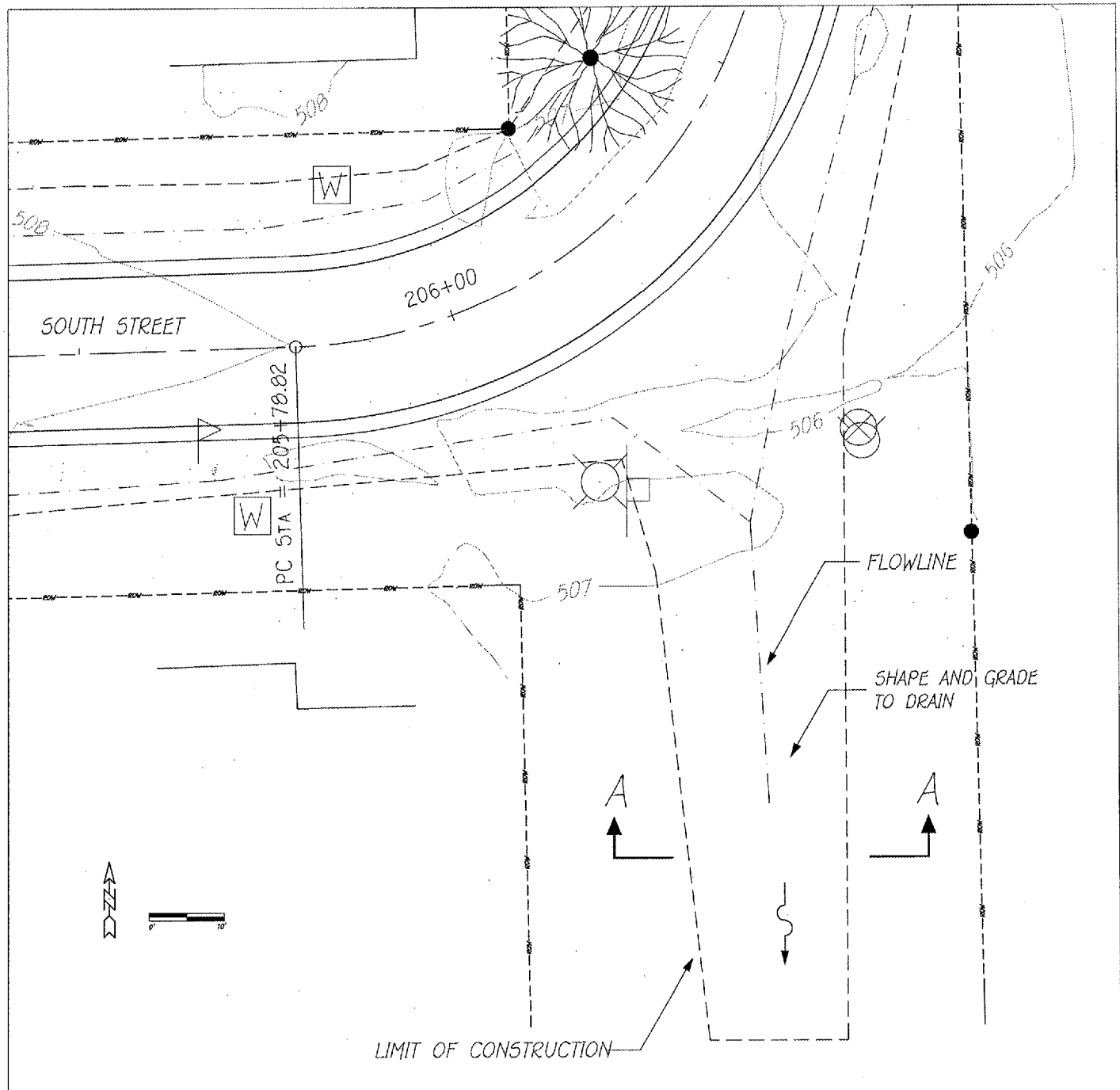
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 PREPARED BY: E. THOMAS  
 CHECKED BY: R. BRACLE  
 SCALE:                      

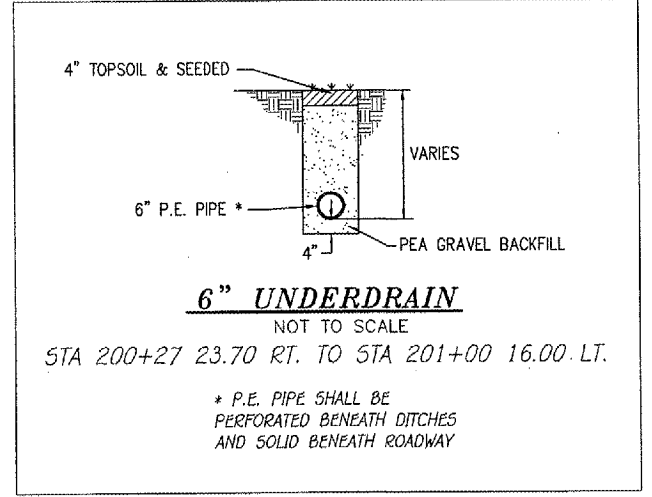
DATE: 5 Apr 2007  
 PROJECT: 0773-016  
 SHEET: C-8

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SECTION A-A  
**DRAINAGE DETAIL**



CONTRACT #09391  
SHEET 9 OF 43

REVISIONS	
No.	Date

DRAINAGE DETAILS  
**STREET IMPROVEMENTS**  
ARMINGTON, ILLINOIS

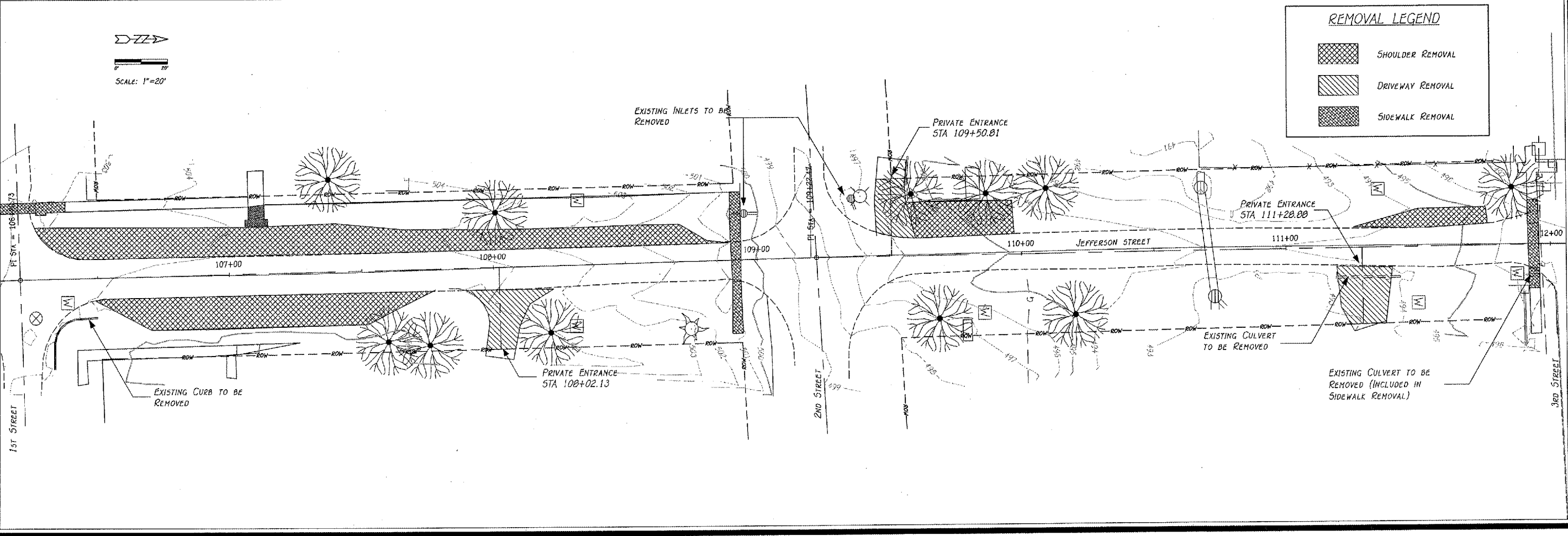
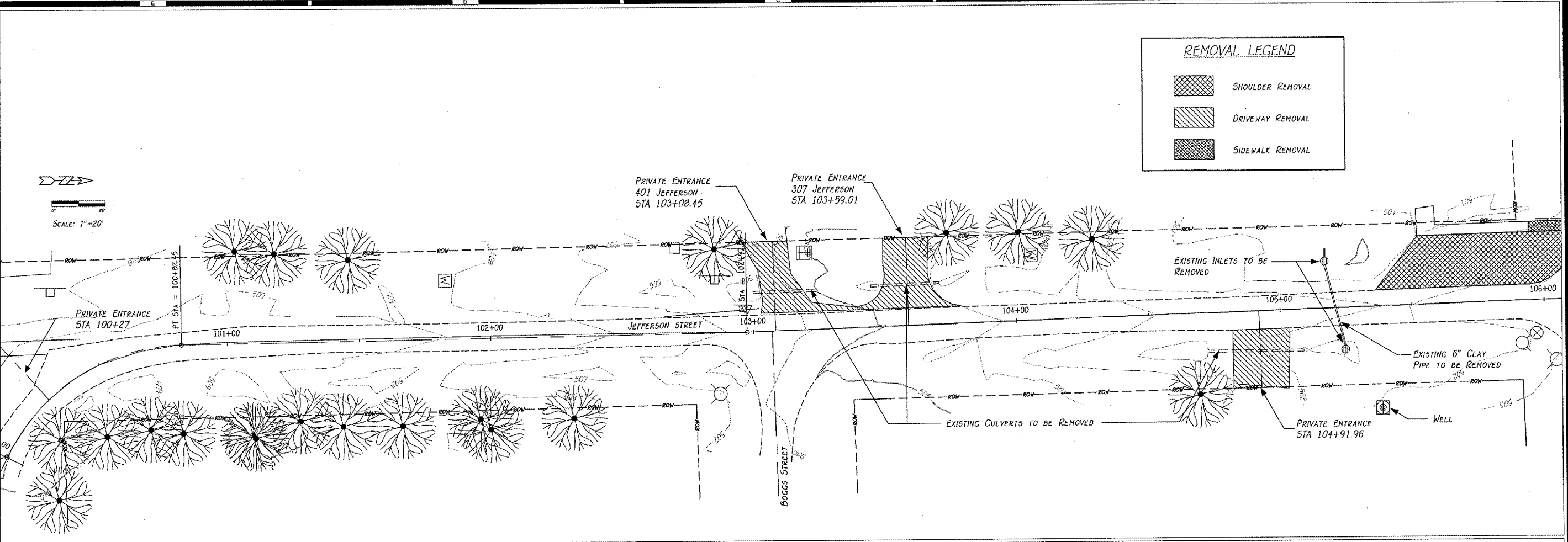
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DESIGNED BY <b>E. THOMAS</b>
APPROVED BY <b>R. BRADLE</b>
DATE <b>5, APR. 2007</b>
PROJECT NO. <b>0773-016</b>
SHEET NO. <b>C-9</b>



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CONTRACT #09391  
SHEET 10 OF 43

REVISIONS	
No.	DATE

REMOVAL PLAN  
**STREET IMPROVEMENTS**  
ARMINGTON, ILLINOIS

**R**  
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DRAWN BY: E. THOMAS  
CHECKED BY: E. THOMAS  
APPROVED BY: R. BRADLE  
SCALE: 1" = 20'  
DATE: 5, Apr. 2007  
PROJECT NO.: 0773.016  
DEPARTMENT: R-1


Projects\0773\773-01\Cadd\Removal Detail Main1.dwg, Layout 1, 4/26/2007 10:28:03 AM, ThomasE, 1:2

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CONTRACT #09391  
SHEET 11 OF 43

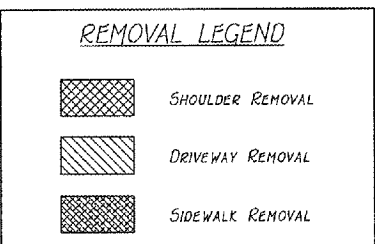
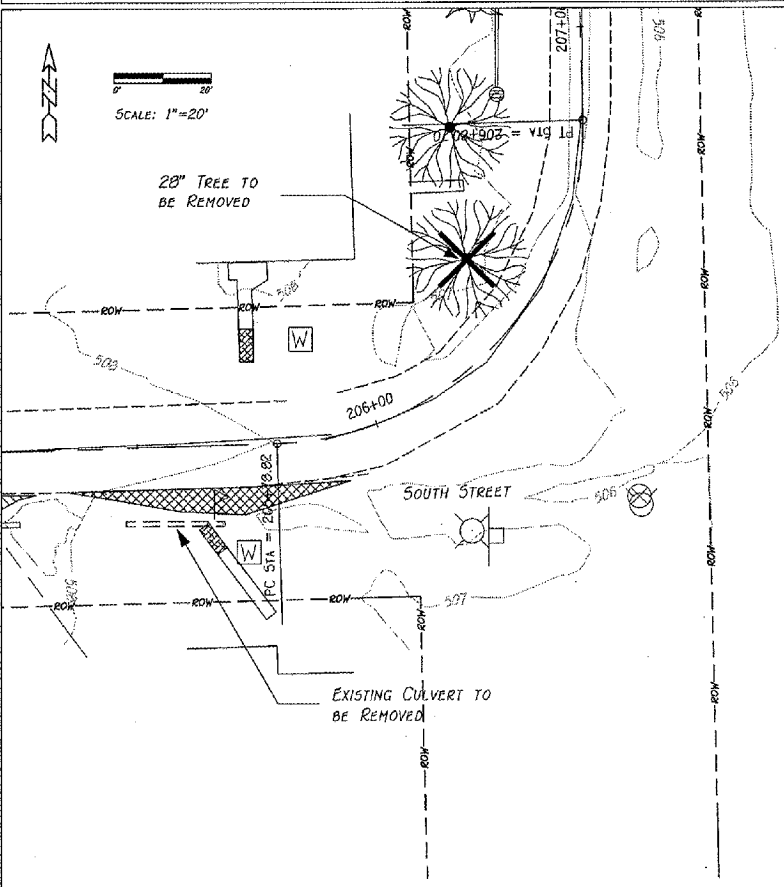
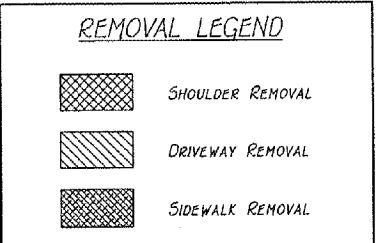
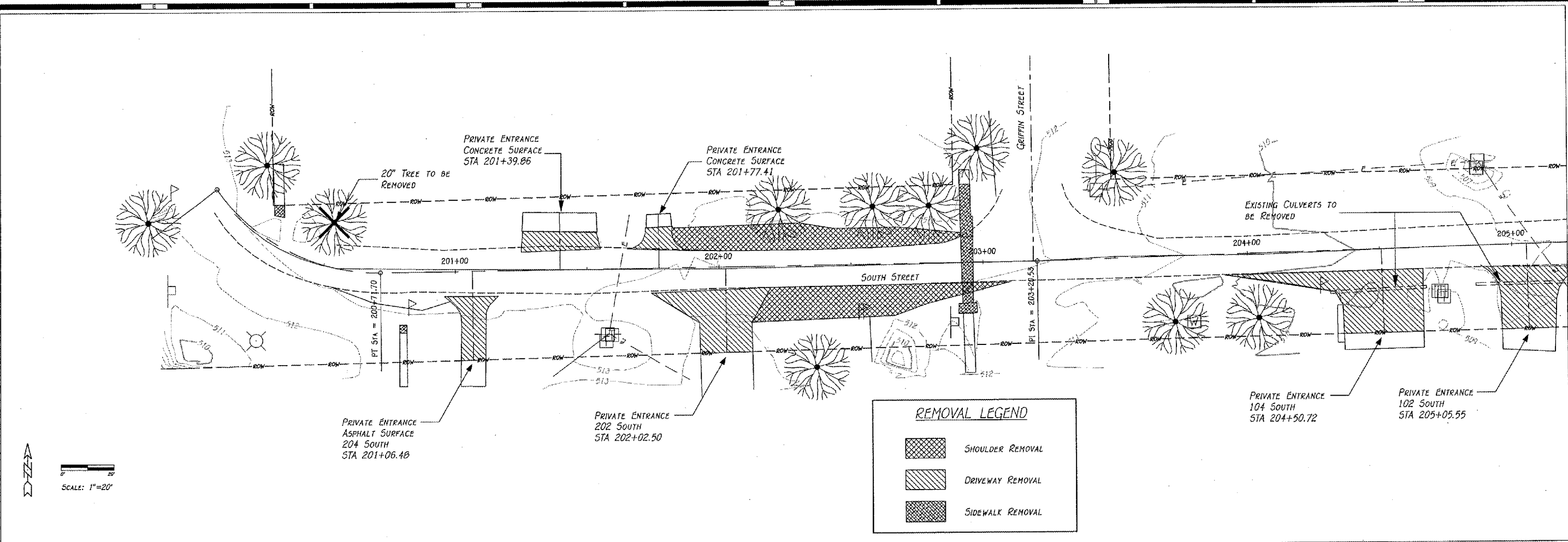
REVISIONS	
NO.	DATE

REMOVAL PLAN  
**STREET IMPROVEMENTS**  
 ARMINGTON, ILLINOIS

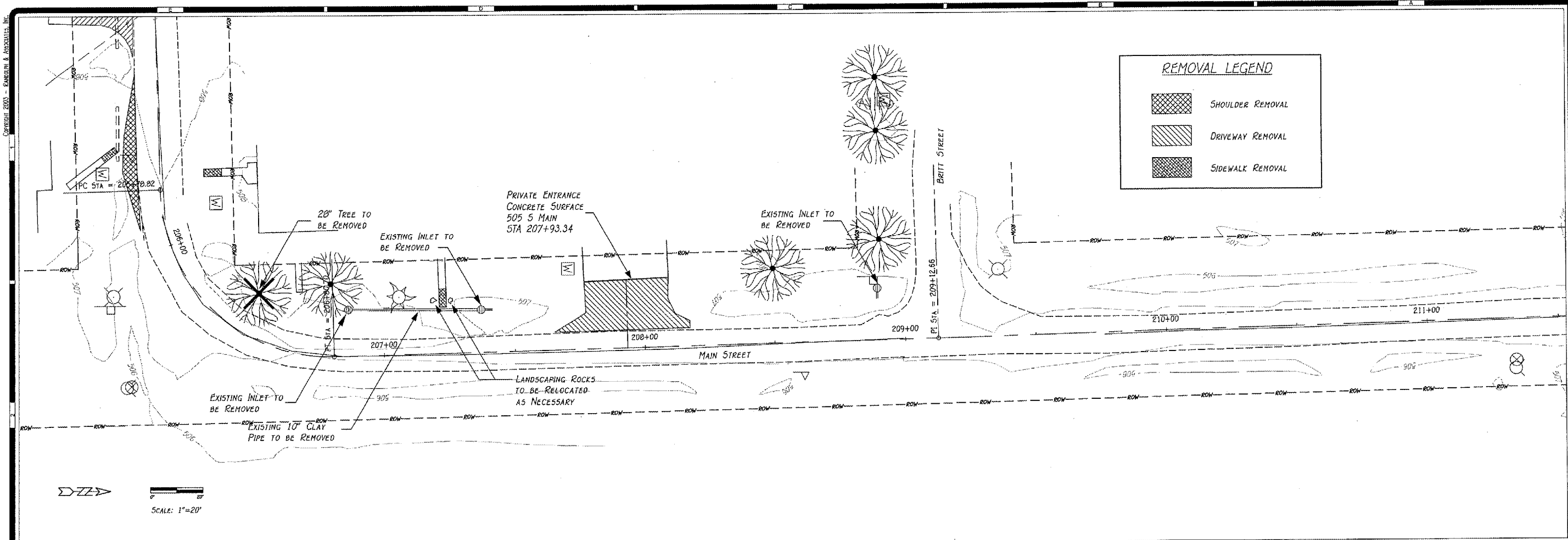


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911 Pioneer Parkway, Piquette, IL 61875  
 Tel: 309-662-8844 Fax: 309-662-8855  
 www.randolphinc.com  
 IL Design Firm Reg. # 194-001317

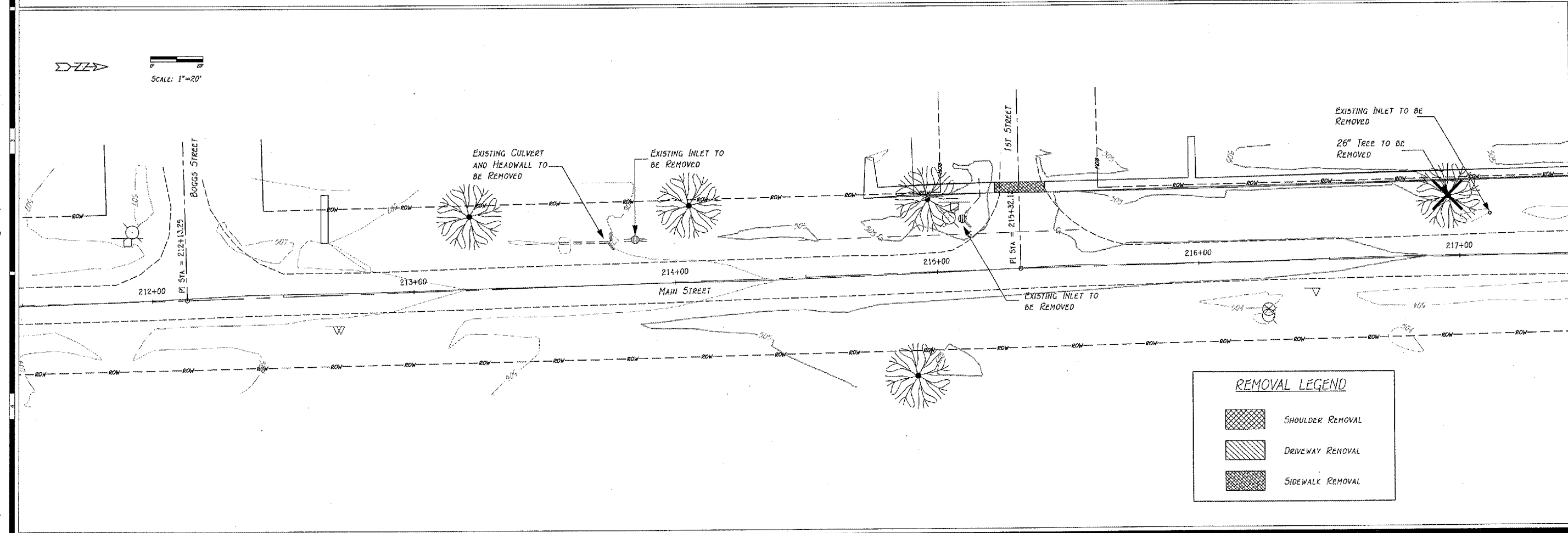
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 DESIGNED BY: E. THOMAS  
 CHECKED BY: R. BRADLE  
 SCALE: 1" = 20'  
 DATE: 5 APR. 2007  
 PROJECT NO: 0773.016  
 SHEET NO: R-2



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SCALE: 1"=20'



SCALE: 1"=20'

CONTRACT #09391  
SHEET 12 OF 43

REVISIONS	
NO.	DATE




REMOVAL PLAN  
**STREET IMPROVEMENTS**  
ARMINGTON, ILLINOIS

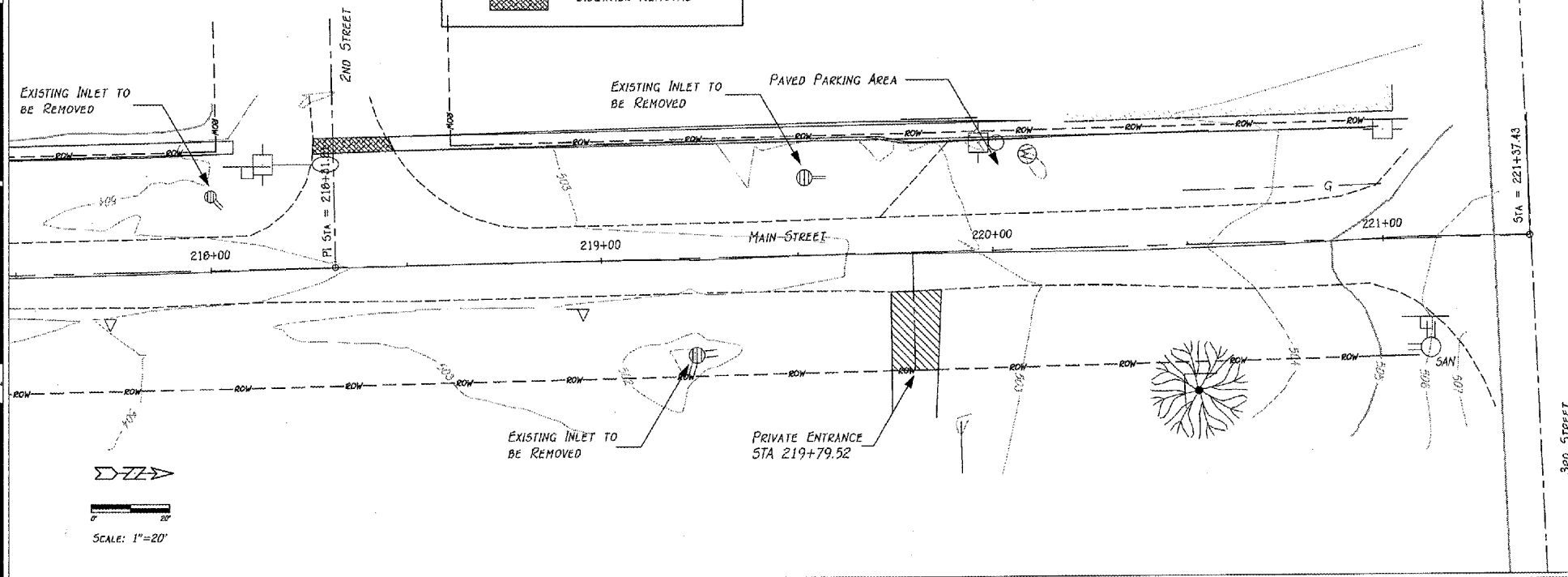
**R**  
Randolph & Associates, Inc.  
Consulting Engineers  
Land Surveyors  
911 Pioneer Parkway Pacific, IL 61815  
tel: 309-693-6344 fax: 309-693-6650  
www.randolphinc.com  
IL Design Firm Reg. # 184-021317

DESIGNED BY	E. THOMAS
DRAWN BY	E. THOMAS
APPROVED BY	R. BRADLE
SCALE	1" = 20'
DATE	5, APR. 2007
PROJECT NO.	0773.016
DATE PLOTTED	4/26/07

R-3

**REMOVAL LEGEND**

-  SHOULDER REMOVAL
-  DRIVEWAY REMOVAL
-  SIDEWALK REMOVAL



REVISIONS		
No.	Date	Description

**REMOVAL PLAN**  
**STREET IMPROVEMENTS**  
ARMINGTON, ILLINOIS

**R**  
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Land Surveyors

011 Pioneer Parkway, Peoria, IL 61615  
tel.309-693-8814 fax.309-693-8665  
www.randolphinc.com  
IL Design Firm Reg. # 164-001317

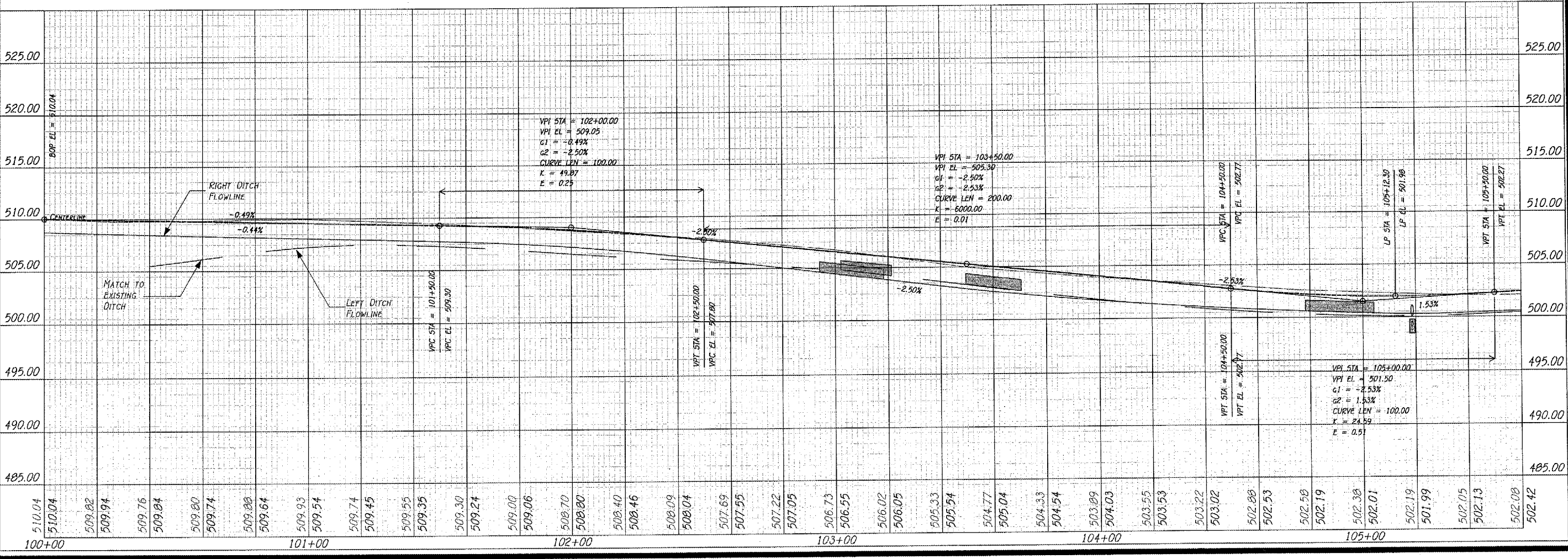
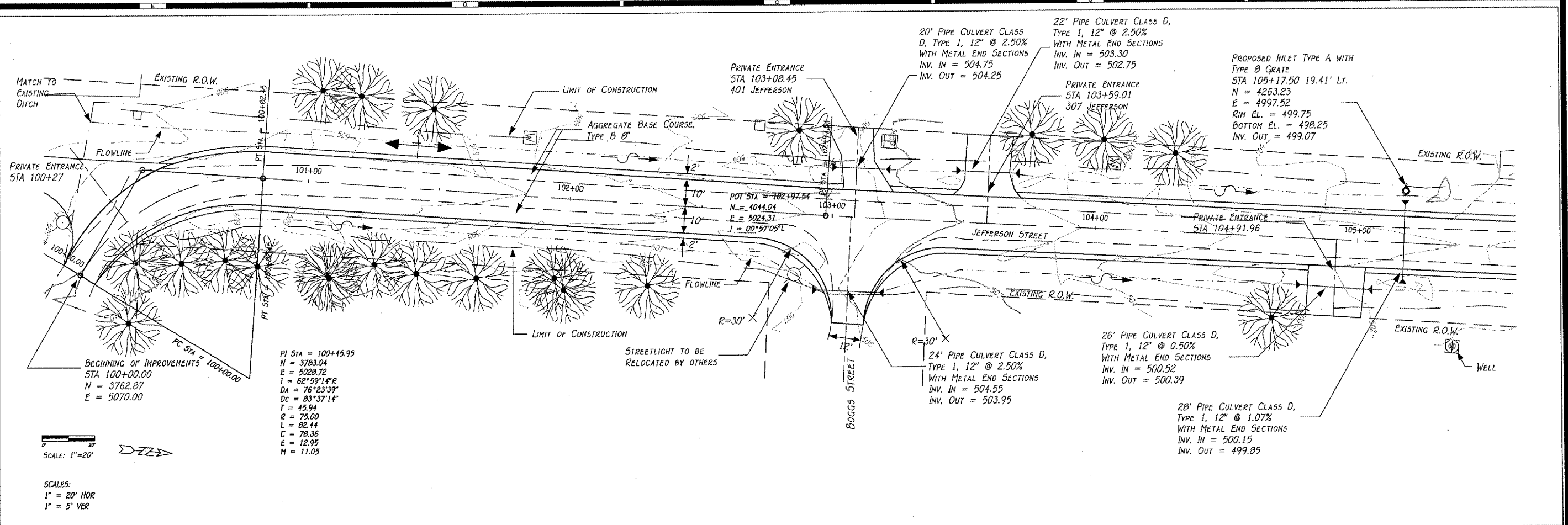
DATE PLOTTED BY  
**E. THOMAS**  
DATE CHECKED BY  
**E. THOMAS**  
APPROVED BY  
**R. BEADLE**

SCALE:  
**1" = 20'**

DATE:  
**5, APR, 2007**

PROJECT NO.  
**0773.015**

**R-4**



NO.	DATE	DESCRIPTION

**PLAN & PROFILE**  
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 ARMINGTON, ILLINOIS

**Randolph & Associates, Inc.**  
 Consulting Engineers  
 Land Surveyors

511 Pioneer Parkway, Peoria, IL 61615  
 TEL: 309-693-6844 FAX: 309-693-6665  
 WWW: RANDOLPHINC.COM  
 ILL. DESIGN PLAN REG. # 184-001317

DESIGNED BY: E. THOMAS  
 CHECKED BY: E. THOMAS  
 COMPILED BY: R. BRADLE

DATE: 5, APR. 2007  
 PROJECT NO.: 0773-016  
 SHEET NO.: PP-1

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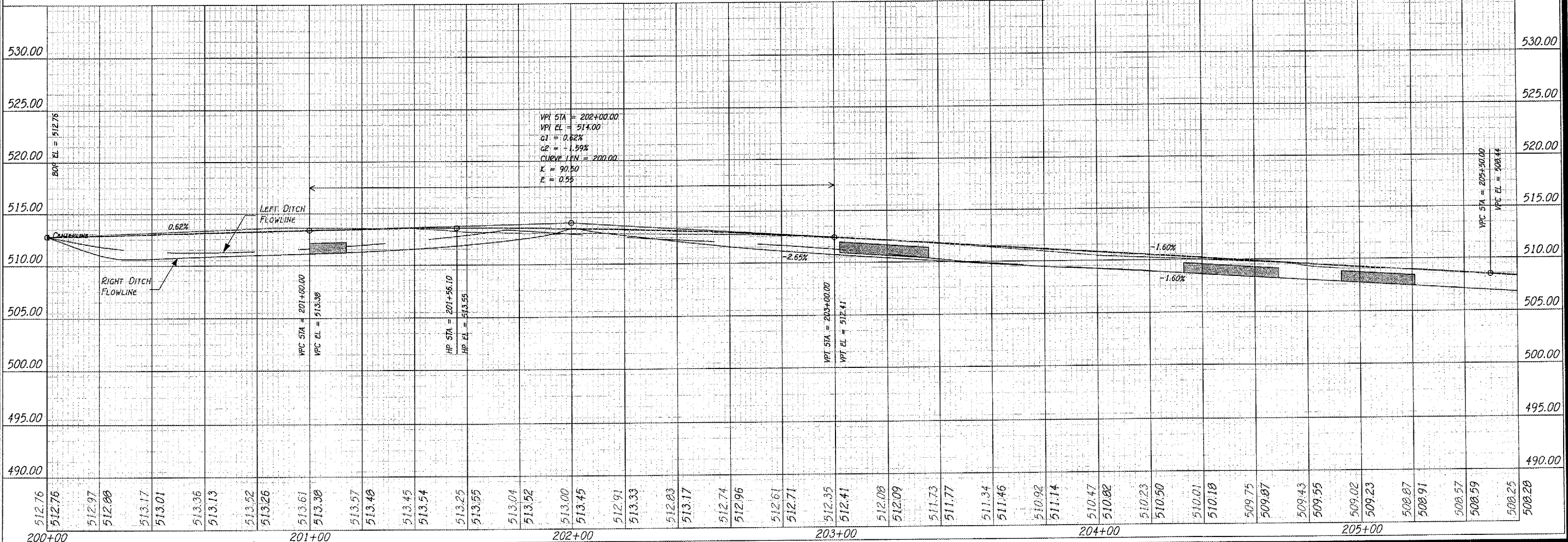
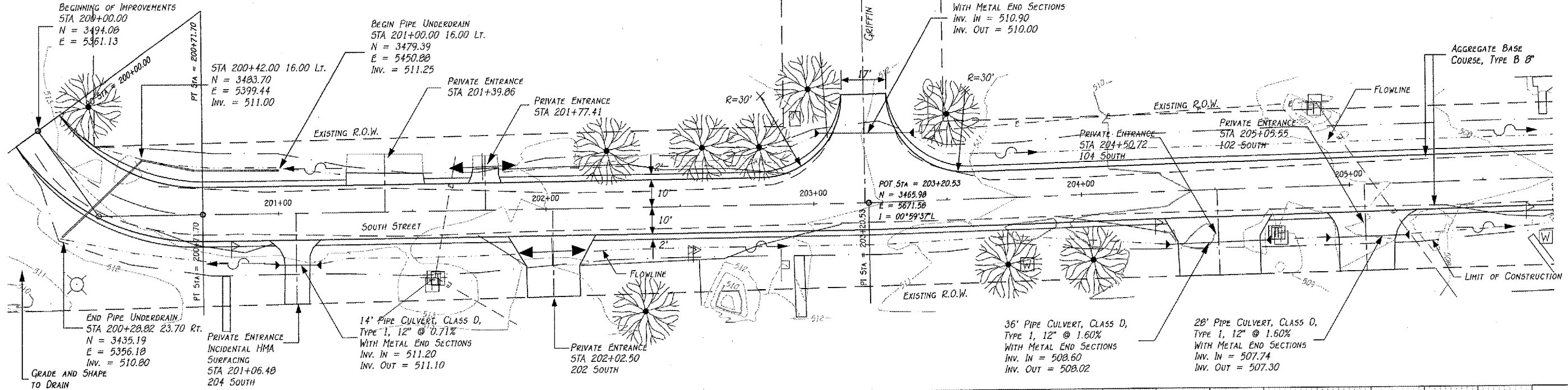




SCALE:  
1" = 20' HOR  
1" = 5' VER

SCALE: 1" = 20'

PI STA = 200+30.05  
N = 3452.60  
E = 5383.91  
I = 54°45'23"L  
DA = 76°23'40"  
DC = 83°37'14"  
T = 38.05  
R = 75.00  
L = 71.70  
C = 69.00  
E = 9.47  
M = 8.41



REVISIONS

NO.	DATE	DESCRIPTION

PLAN & PROFILE  
**STREET IMPROVEMENTS**  
ARMINGTON, ILLINOIS

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Land Surveyors

511 Pioneer Parkway, Peoria, IL 61615  
Tel: 309-693-4514 Fax: 309-693-9555  
www.randolph-inc.com  
IL Design Firm Reg. # 184-001017

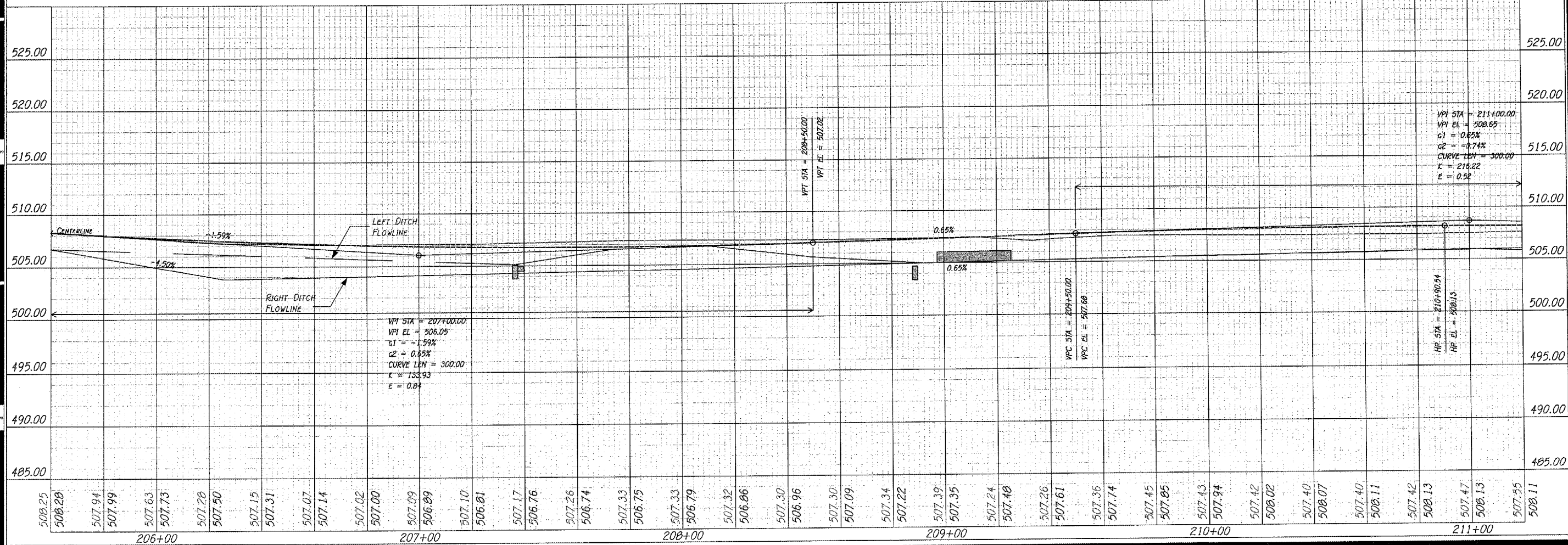
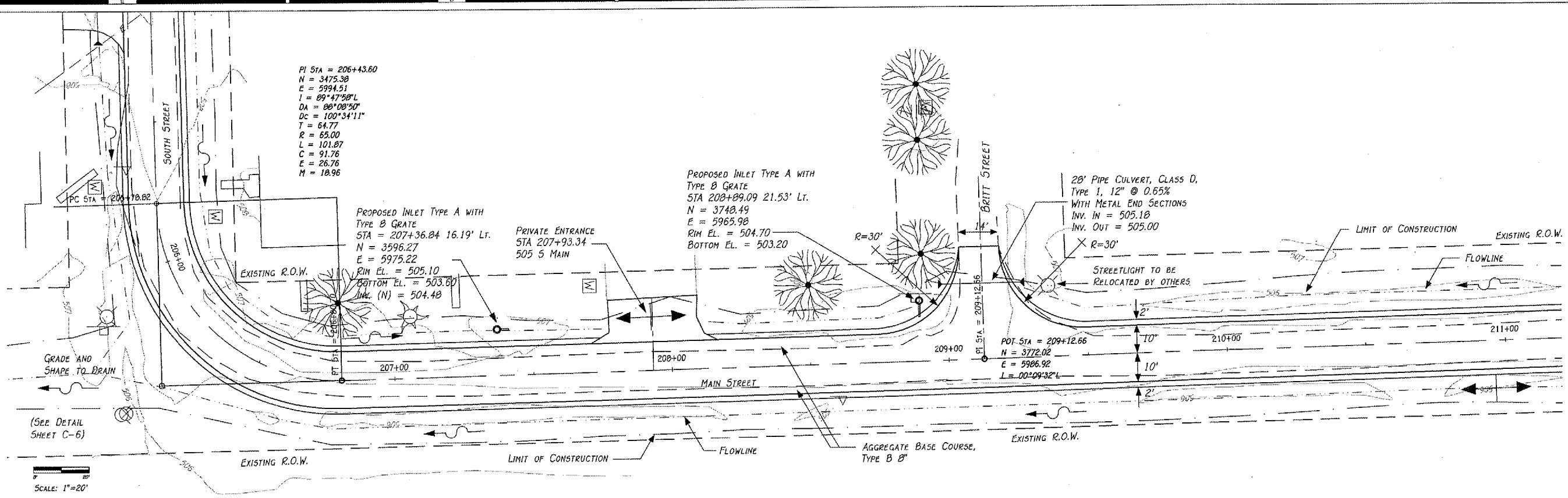
DRAWN BY: E. THOMAS  
CHECKED BY: E. THOMAS  
APPROVED BY: R. BRADLE  
SCALE:

DATE: 5 Apr 2007  
PROJECT: 0773-016  
SHEET: PP-4

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REVISIONS	
No.	Date



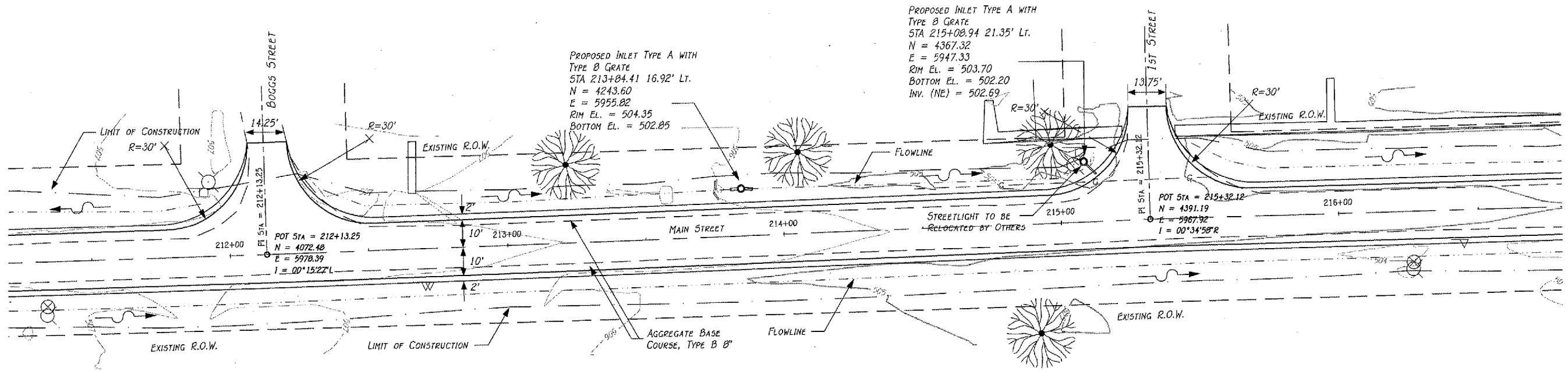
PLAN & PROFILE  
**STREET IMPROVEMENTS**  
ARMINGTON, ILLINOIS

**R**  
Randolph & Associates, Inc.  
Consulting Engineers  
Land Surveyors

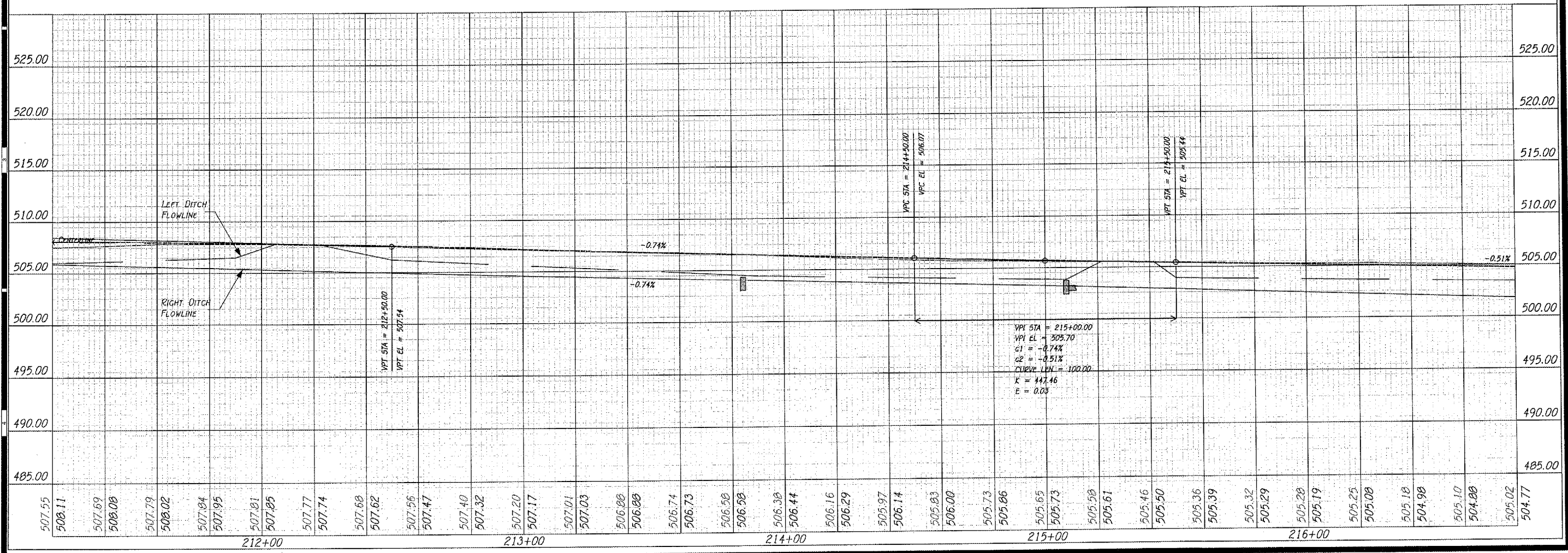
211 Forster Parkway, Peoria, IL 61615  
Tel: 308-693-8614 Fax: 308-693-0852  
www.randolphinc.com  
IL Design Firm Reg. # 184-001317

DATE: 5 APR 2007  
PROJECT NO.: 0773-016  
DRAWING: PP-5

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SCALE: 1" = 20'  
SCALES:  
1" = 20' HOR  
1" = 5' VER



REVISIONS	No.	Date	Description

PLAN & PROFILE  
**STREET IMPROVEMENTS**  
ARMINGTON, ILLINOIS

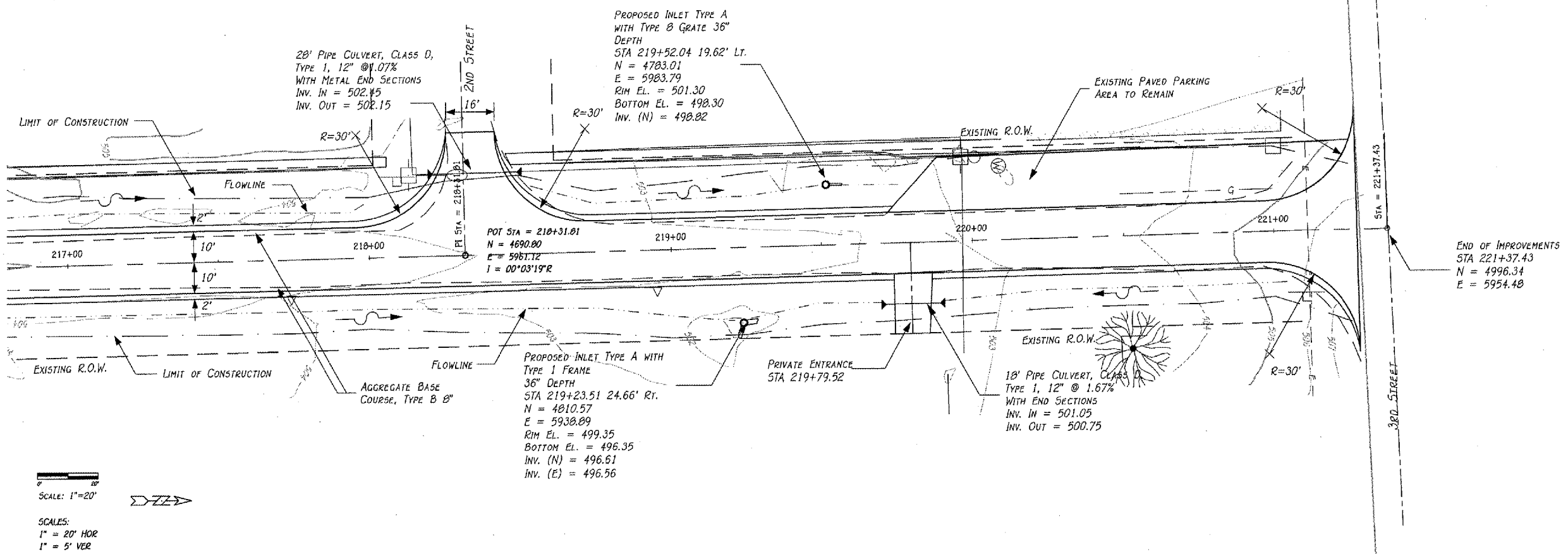
**R**  
Randolph & Associates, Inc.  
Consulting Engineers  
Land Surveyors

111 Furman Parkway, Peoria, IL 61615  
Tel: 309-693-6814 Fax: 309-693-6855  
www.randolphinc.com  
IL Design Firm Reg. # 184-001117

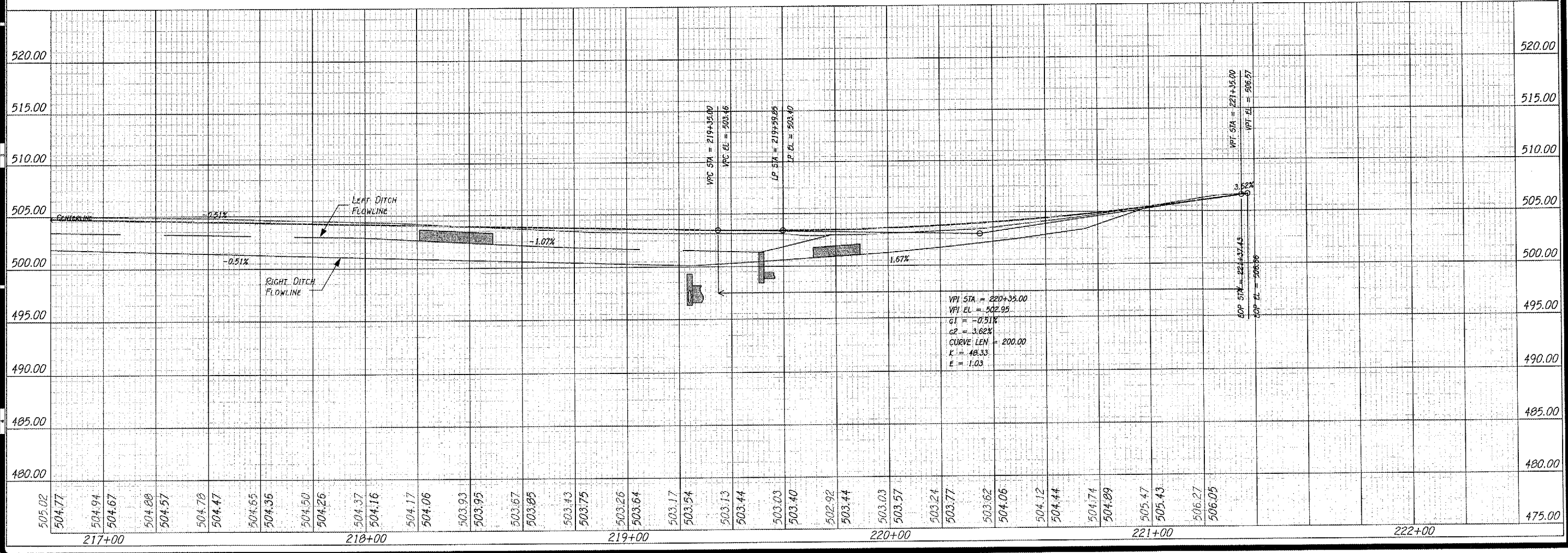
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PROJECT NO.: 0773-016  
SCALE: PP-6

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SCALE: 1"=20'  
SCALES:  
1" = 20' HOR  
1" = 5' VER



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Lead Surveyors

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TEL: 309-693-8844 FAX: 309-693-9855  
www.randolphinc.com  
IL Design Firm Reg. # 184-001317

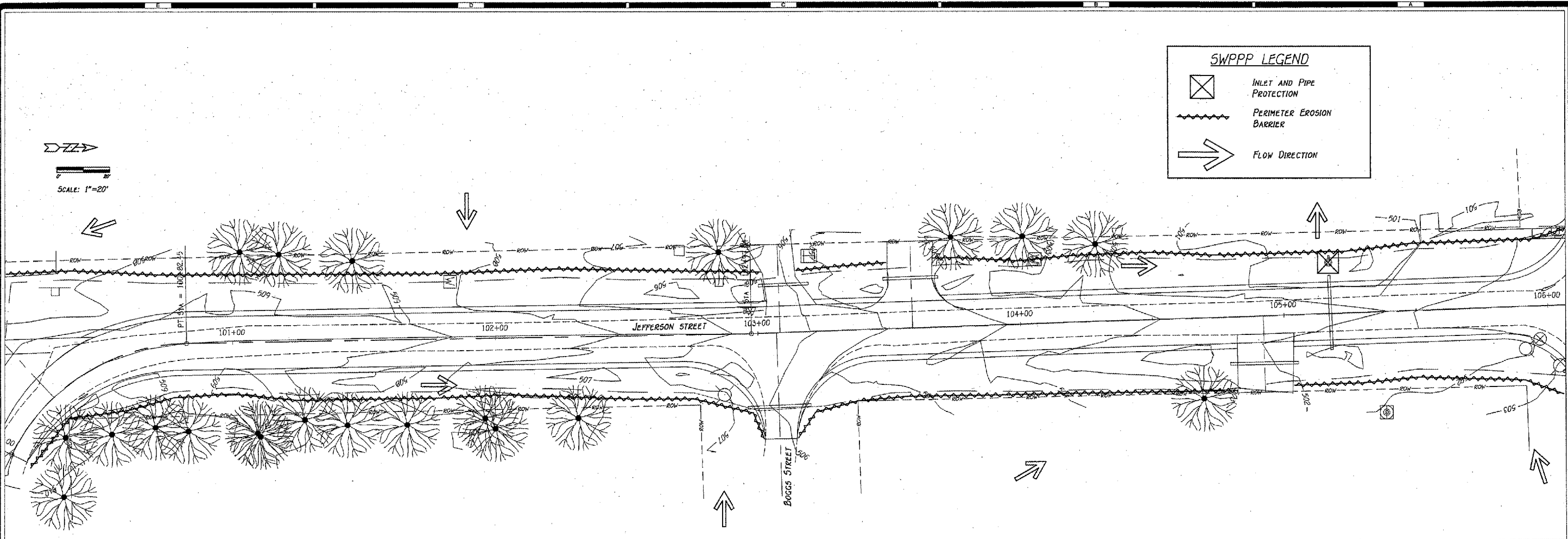
DESIGNED BY: E. THOMAS  
CHECKED BY: E. THOMAS  
APPROVED BY: R. BRADLE  
SCALE:

DATE: 5 Apr 2007  
PROJECT NO: 0773-016  
SHEET NO: PP-7



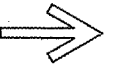
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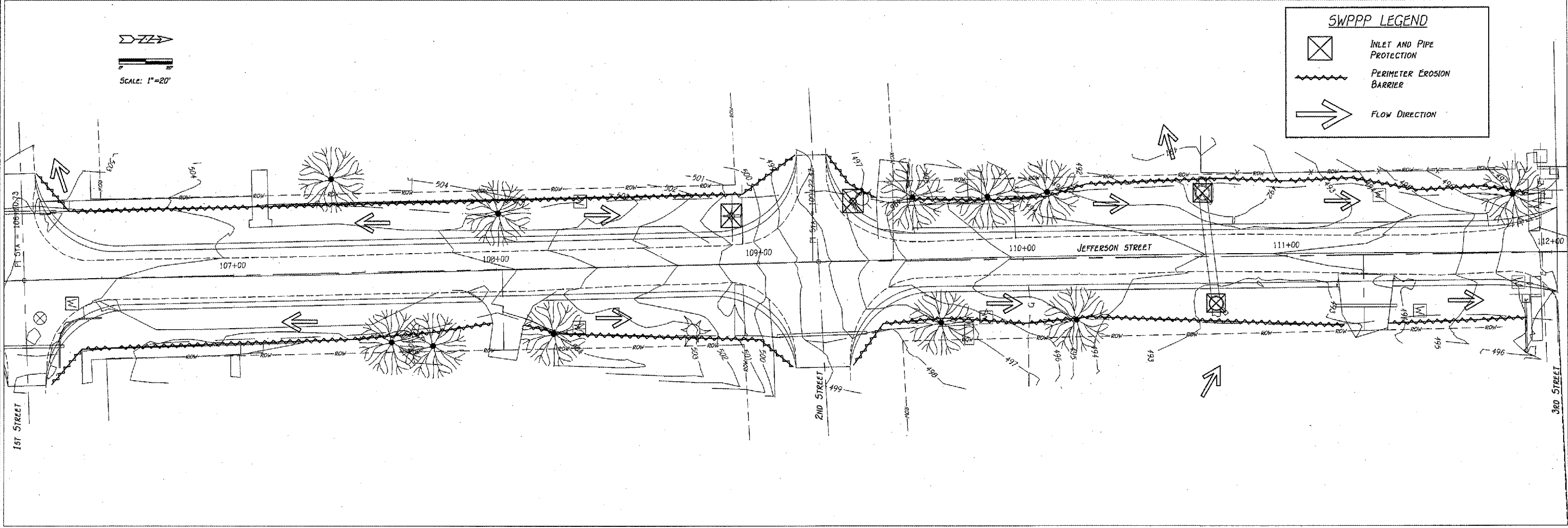
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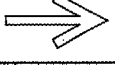


**SWPPP LEGEND**

-  INLET AND PIPE PROTECTION
-  PERIMETER EROSION BARRIER
-  FLOW DIRECTION



**SWPPP LEGEND**

-  INLET AND PIPE PROTECTION
-  PERIMETER EROSION BARRIER
-  FLOW DIRECTION

CONTRACT #09391  
SHEET 21 OF 43

REVISIONS	
No.	Description

STORM WATER POLLUTION PREVENTION PLAN  
**STREET IMPROVEMENTS**  
ARMINCTON, ILLINOIS

**R**  
**Randolph & Associates, Inc.**  
Consulting Engineers  
Land Surveyors

911 Pioneer Parkway, Peoria, IL 61615  
tel.309-683-8644 fax.309-683-6856  
www.randolphinc.com  
IL Design Firm Reg. #184-061317

DESIGNED BY:  
**E. THOMAS**

APPROVED BY:  
**R. BRADLE**

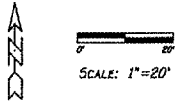
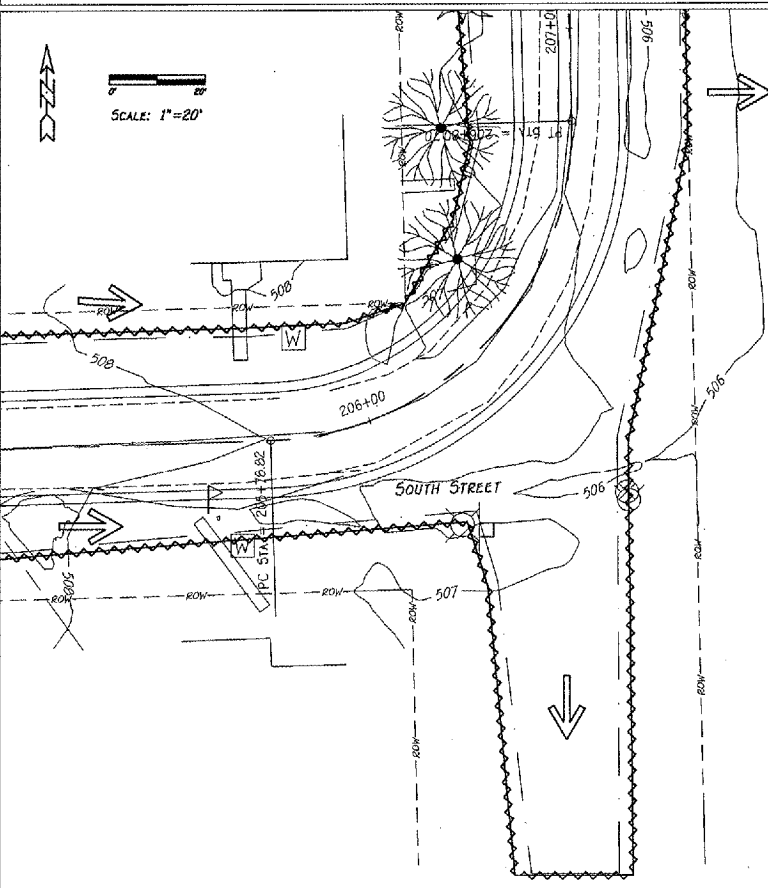
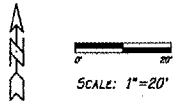
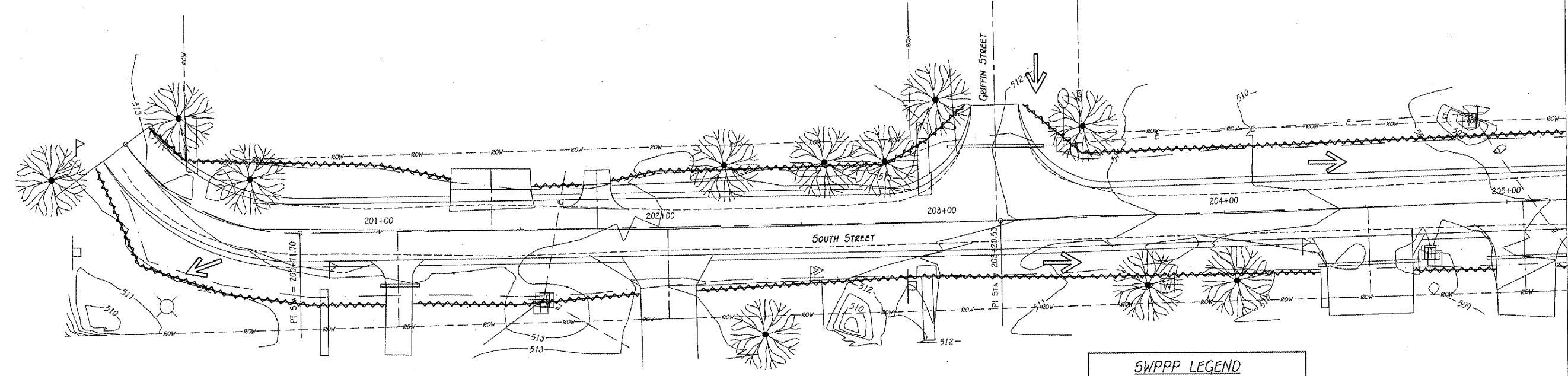
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1" = 20'

DATE:  
5, APR. 2007

PROJECT NO.:  
0773.016

DRAWING NO.:  
SW-1

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CONTRACT #09391  
SHEET 22 OF 43

REVISIONS	
NO.	DATE

STORM WATER POLLUTION PREVENTION PLAN  
**STREET IMPROVEMENTS**  
ARMINGTON, ILLINOIS

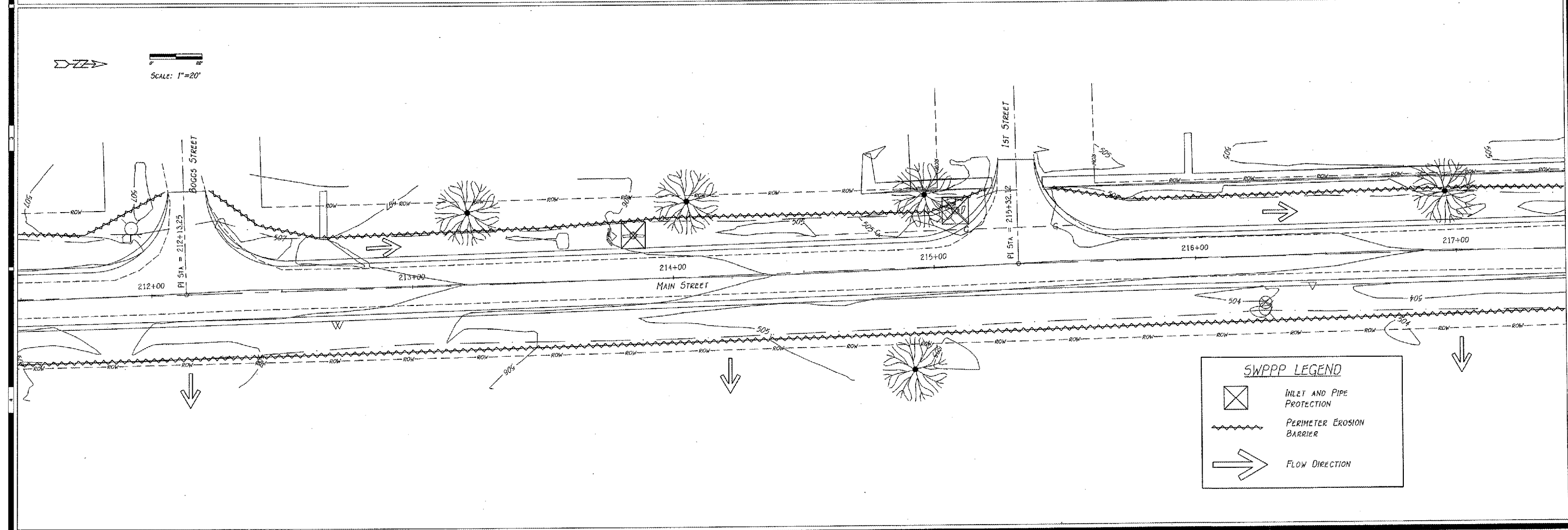
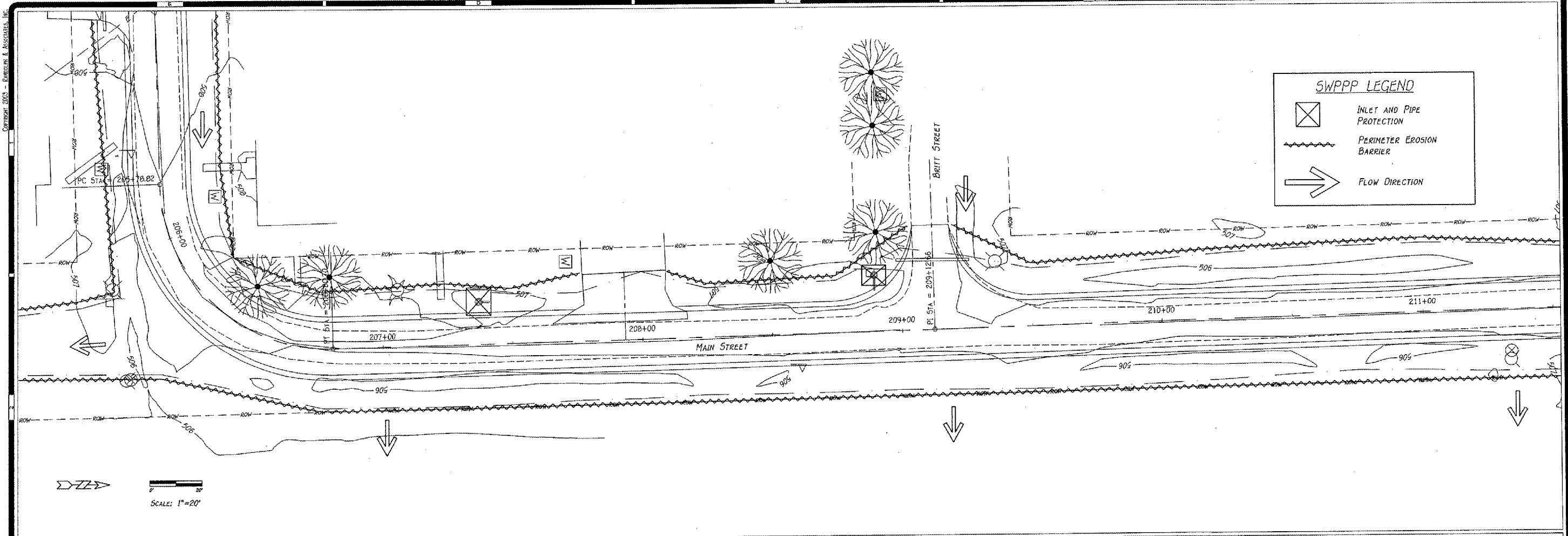
**R**  
Randolph & Associates, Inc.  
Consulting Engineers  
Land Surveyors

911 Pioneer Parkway, Peoria, IL 61615  
Tel: 309-693-8344 Fax: 309-693-8655  
www.randolphinc.com  
IL Design Firm Reg. # 184-001317

DESIGNED BY: E. THOMAS  
CHECKED BY: E. THOMAS  
APPROVED BY: R. BEADLE

SCALE: 1" = 20'  
DATE: 5, APR. 2007  
PROJECT NO.: 0773.016  
SHEET NO.: SW-2

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CONTRACT #09391  
SHEET 23 OF 43

REVISIONS	
NO.	DATE

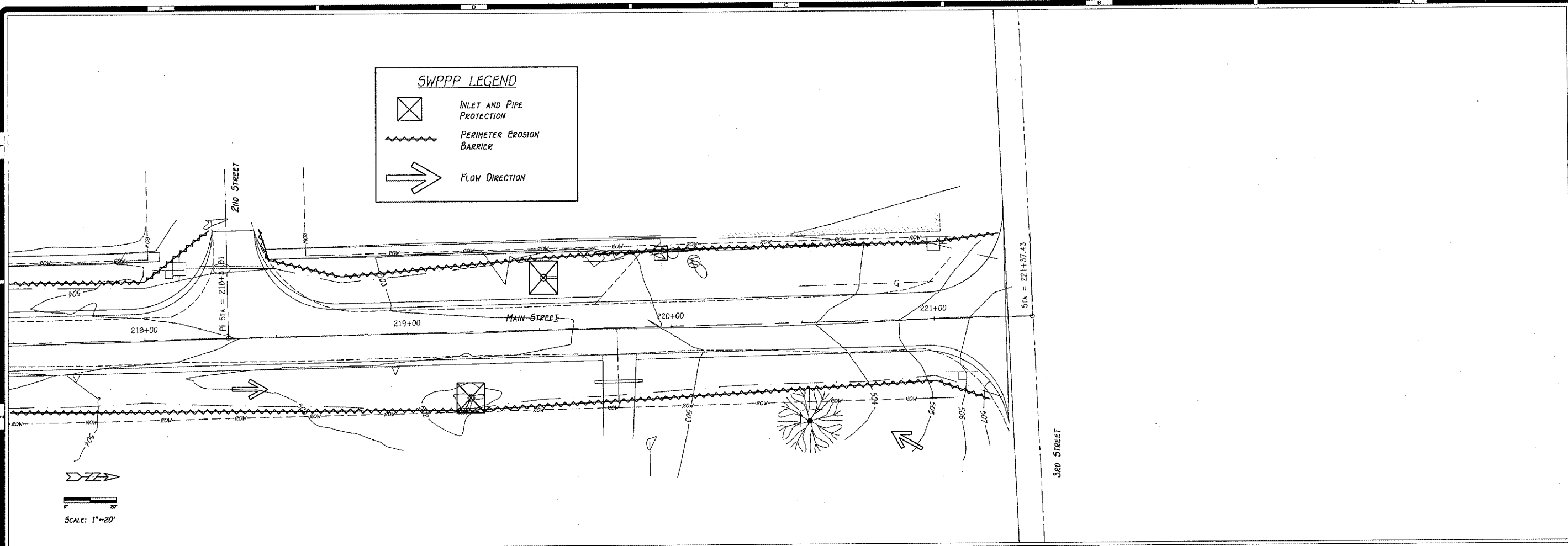
STORM WATER POLLUTION PREVENTION PLAN

**STREET IMPROVEMENTS**  
ARMINGTON, ILLINOIS

**R**  
Randolph & Associates, Inc.  
Consulting Engineers  
Land Surveyors

811 Pinney Parkway, Peoria, IL 61615  
tel. 309-693-8844 fax. 309-693-9855  
www.randolphinc.com  
IL Design Firm Reg. # 184-601317

DRAWN BY:	E. THOMAS
CHECKED BY:	E. THOMAS
APPROVED BY:	R. BRADLE
SCALE:	1" = 20'
DATE:	5, APR. 2007
PROJECT NO.:	0773.016
CADWAL:	SW-3



REVISIONS	
No.	Date

STORM WATER POLLUTION PREVENTION PLAN

STREET IMPROVEMENTS  
ARMINGTON, ILLINOIS

**R**  
Randolph & Associates, Inc.  
Consulting Engineers  
Land Surveyors

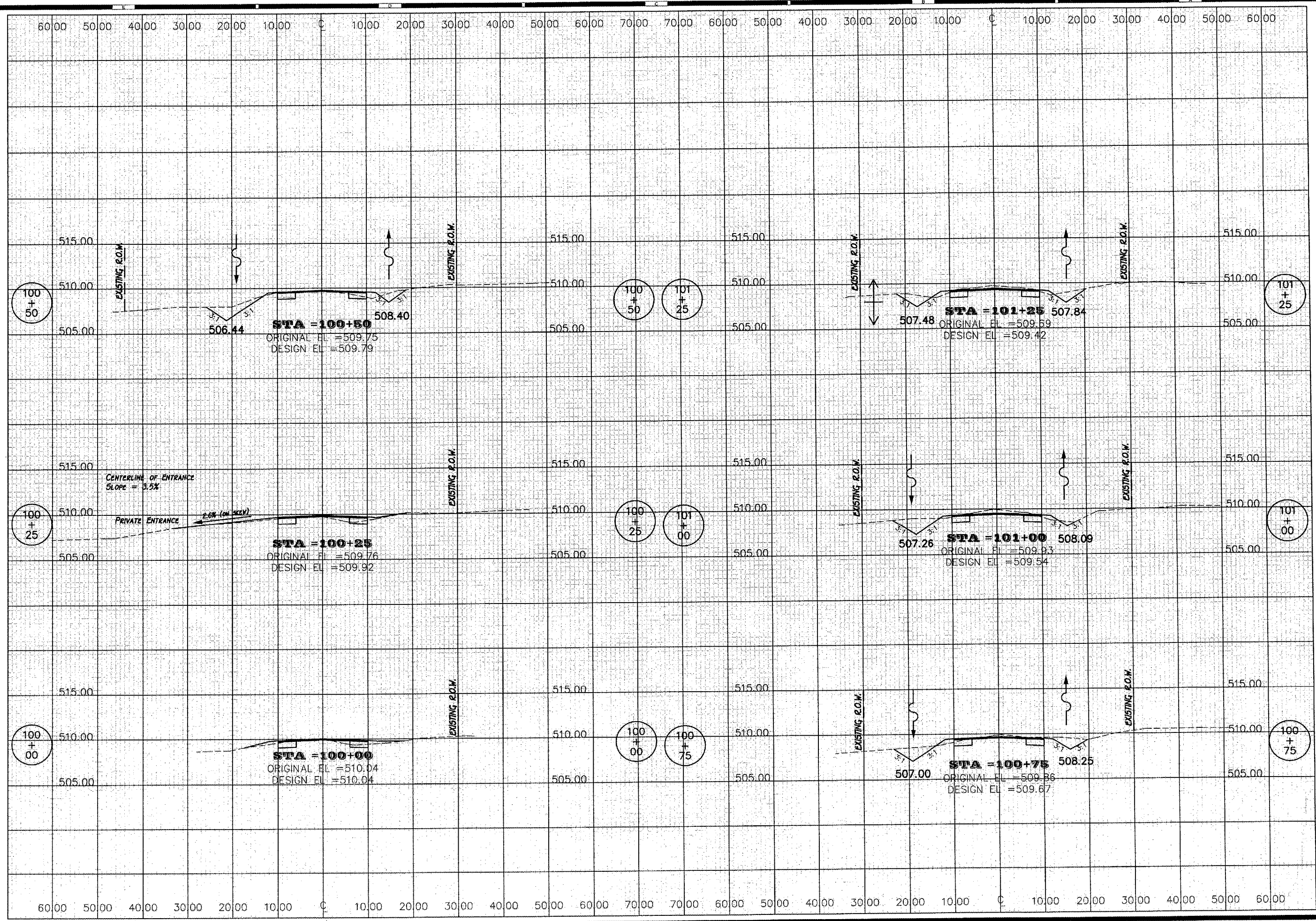
511 Pioneer Parkway, Peoria, IL 61615  
Tel: 309-693-4834 Fax: 309-693-8555  
www.randolphinc.com  
IL Design Firm Reg. # 184-001217

DRAWN BY:	E. THOMAS
CHECKED BY:	E. THOMAS
APPROVED BY:	R. BRADLE
SCALE:	1" = 20'
DATE:	5, APR. 2007
PROJECT NO.:	0773.016
DRAWING:	SW-4



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SHEET 25 OF 43

REVISIONS	
No.	Description

JEFFERSON STREET  
CROSS SECTIONS  
STREET IMPROVEMENTS  
ARMINGTON, ILLINOIS

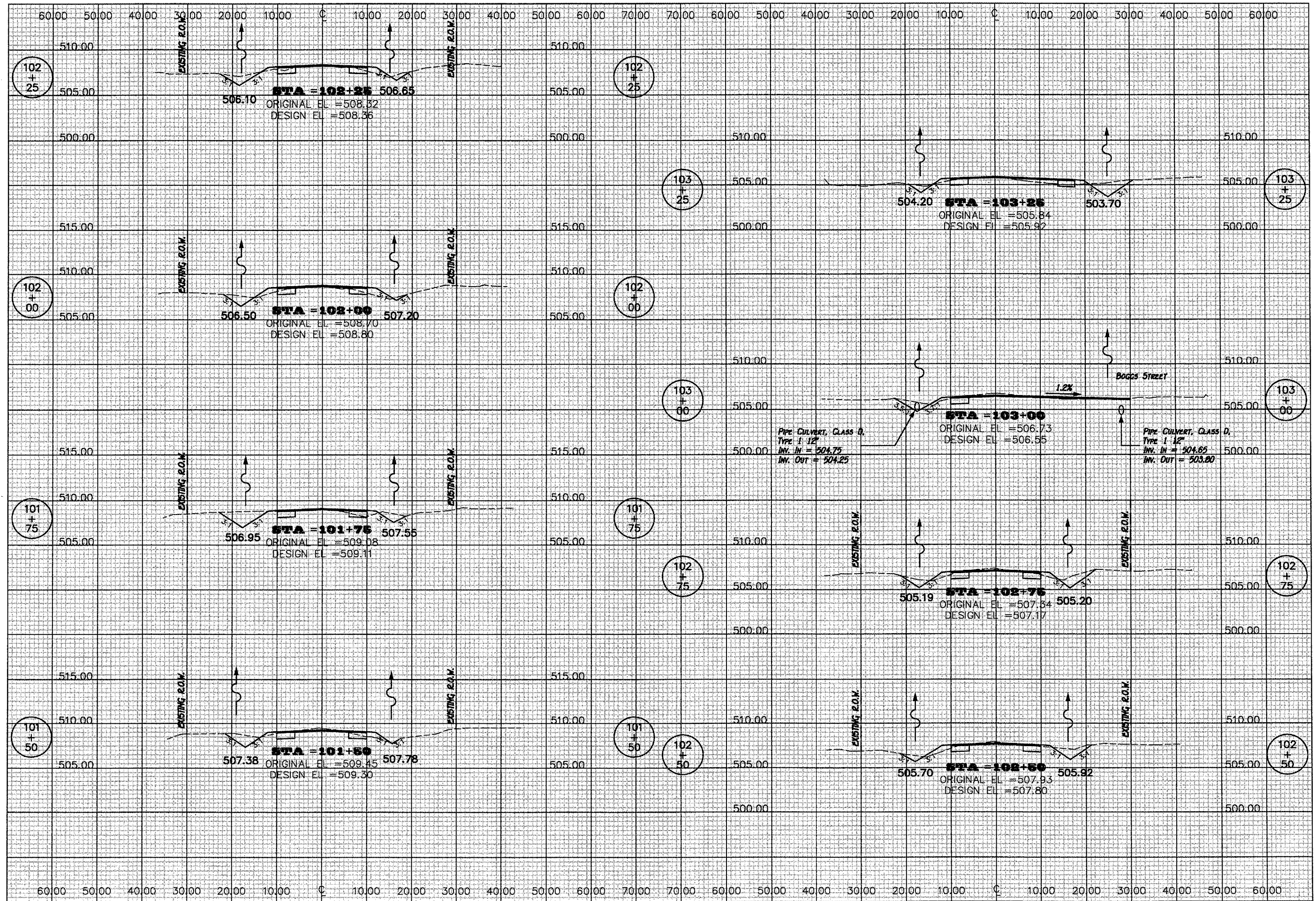
**Randolph & Associates, Inc.**  
Consulting Engineers  
Land Surveyors

211 Florence Parkway, Peoria, IL 61615  
Tel: 309-693-0344 Fax: 309-698-9082  
www.randolphinc.com  
IL Design Firm Reg. # 194-001917

DESIGNED BY: **E. THOMAS**  
CHECKED BY: **E. THOMAS**  
DATE: **5, APR. 2007**  
PROJECT: **0773-016**  
SCALE: **X5-1**



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CONTRACT #89391  
SHEET 26 OF 43

REVISIONS	
No.	DATE

JEFFERSON STREET  
CROSS SECTIONS

**STREET IMPROVEMENTS**  
ARMINGTON, ILLINOIS

**R**  
Randolph & Associates, Inc.  
Consulting Engineers  
Land Surveyors

911 Pioneer Parkway, Peoria, IL 61615  
Tel: 309-693-2844 Fax: 309-693-8666  
www.randolphinc.com  
IL Design Firm Reg. # 164-021317

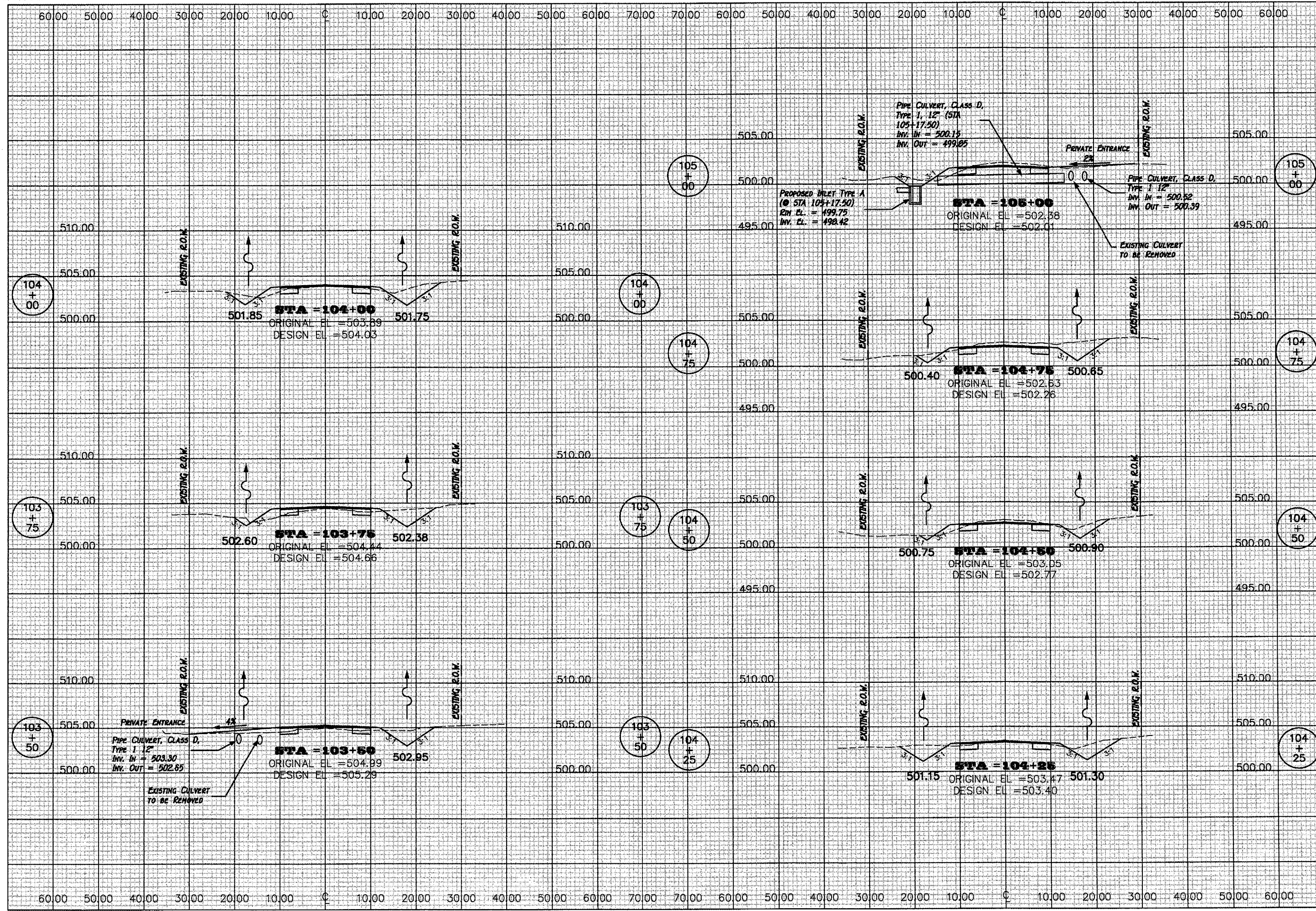
DESIGNED BY: **F. THOMAS**  
CHECKED BY: **F. THOMAS**  
APPROVED BY: **R. BRADLE**  
SCALE: **1" = 40'**

DATE: **3 APR 2007**  
PROJECT NO: **0773-016**  
DRAWING: **X5-2**



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SHEET 27 OF 43

REVISIONS	
NO.	DATE

JEFFERSON STREET  
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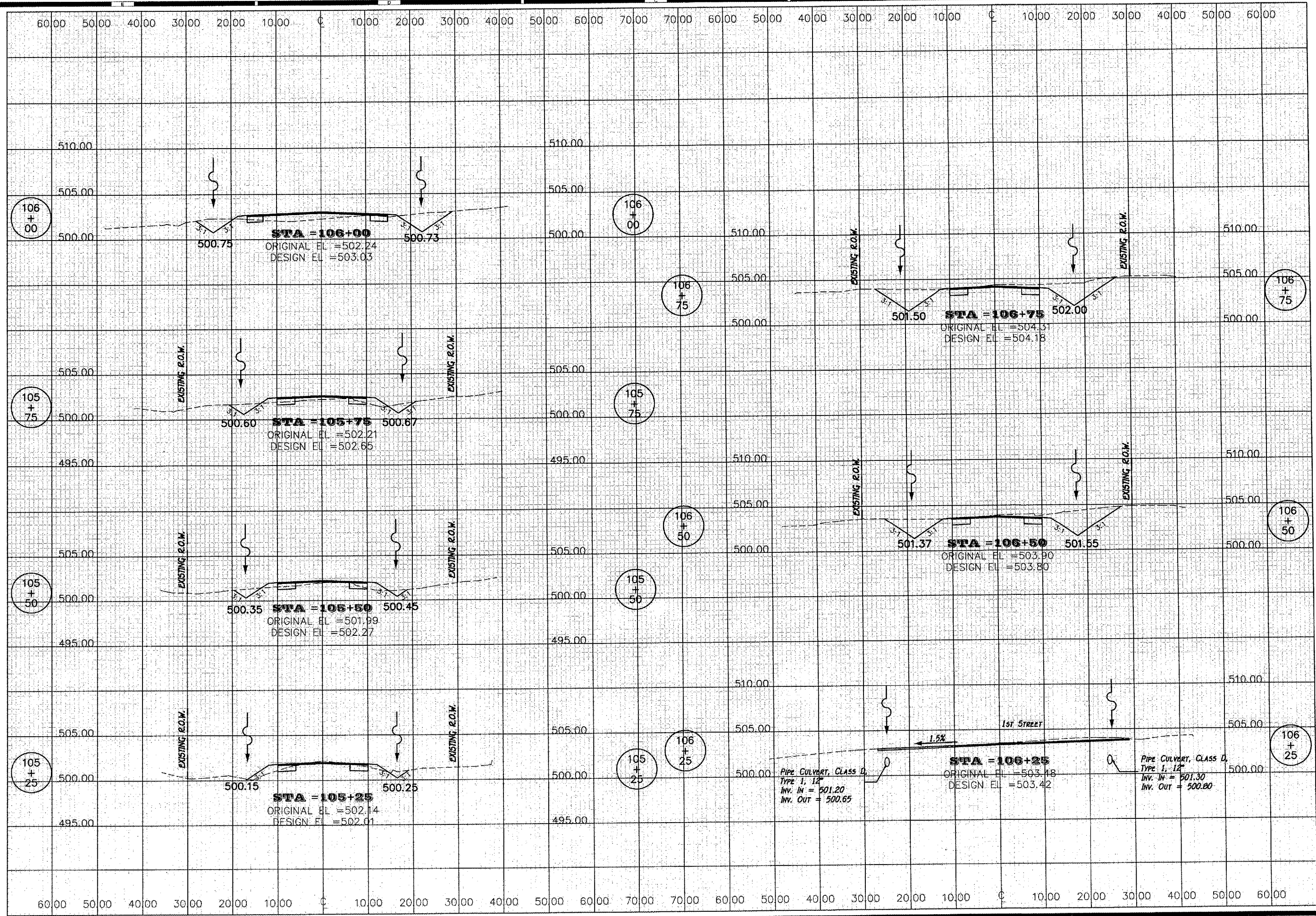
**Randolph & Associates, Inc.**  
Consulting Engineers  
Land Surveyors

911 Pioneer Parkway, Peoria, IL 61615  
tel. 309-693-6844 fax. 309-693-6955  
www.randolphinc.com  
IL Design Firm Reg. #184-001317

DESIGNED BY: **E. THOMAS**  
CHECKED BY: **E. THOMAS**  
APPROVED BY: **R. BRADLE**  
SCALE:   
DATE: **5 APR 2007**  
PROJECT NO: **0773-016**  
DRAWING: **X5-3**



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CONTRACT #09391  
SHEET 28 OF 43

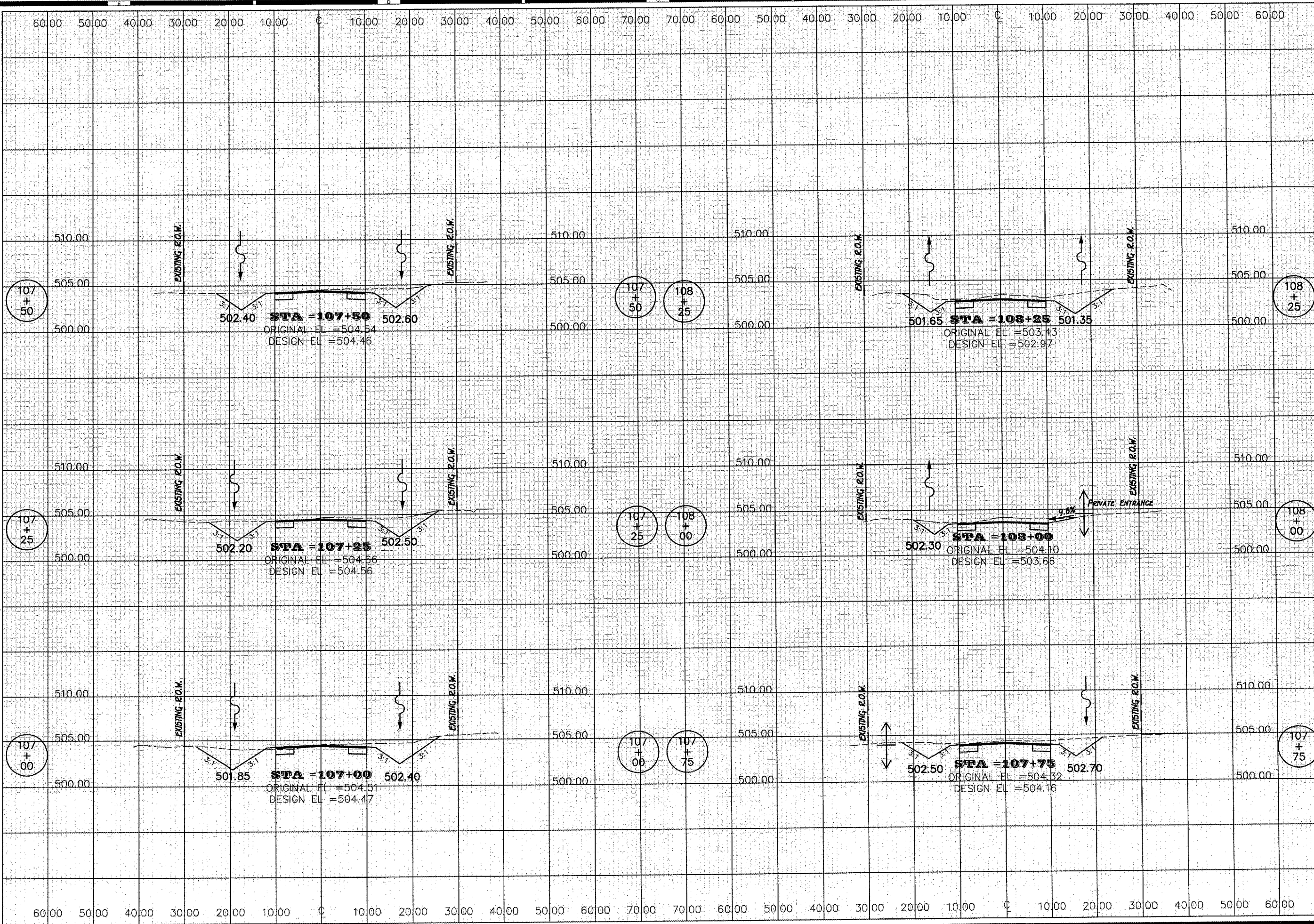
REVISIONS	
No.	Date

JEFFERSON STREET  
CROSS SECTIONS  
STREET IMPROVEMENTS  
ARMINGTON, ILLINOIS

**R**  
Randolph & Associates, Inc.  
Consulting Engineers  
Land Surveyors  
911 Phoenix Parkway, Peoria, IL 61615  
tel. 309-693-8844 fax 309-693-0665  
www.randolphinc.com  
IL Design Firm Reg. # 184-001377

DESIGNED BY: E. THOMAS  
CHECKED BY: E. THOMAS  
SUPERVISED BY: E. BRADLE  
SCALE:  
DATE: 5 Apr. 2007  
PROJECT: 0773-016  
SHEET: X5-4

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REVISIONS

NO.	DATE	REVISION

JEFFERSON STREET  
CROSS SECTIONS  
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ARMINGTON, ILLINOIS



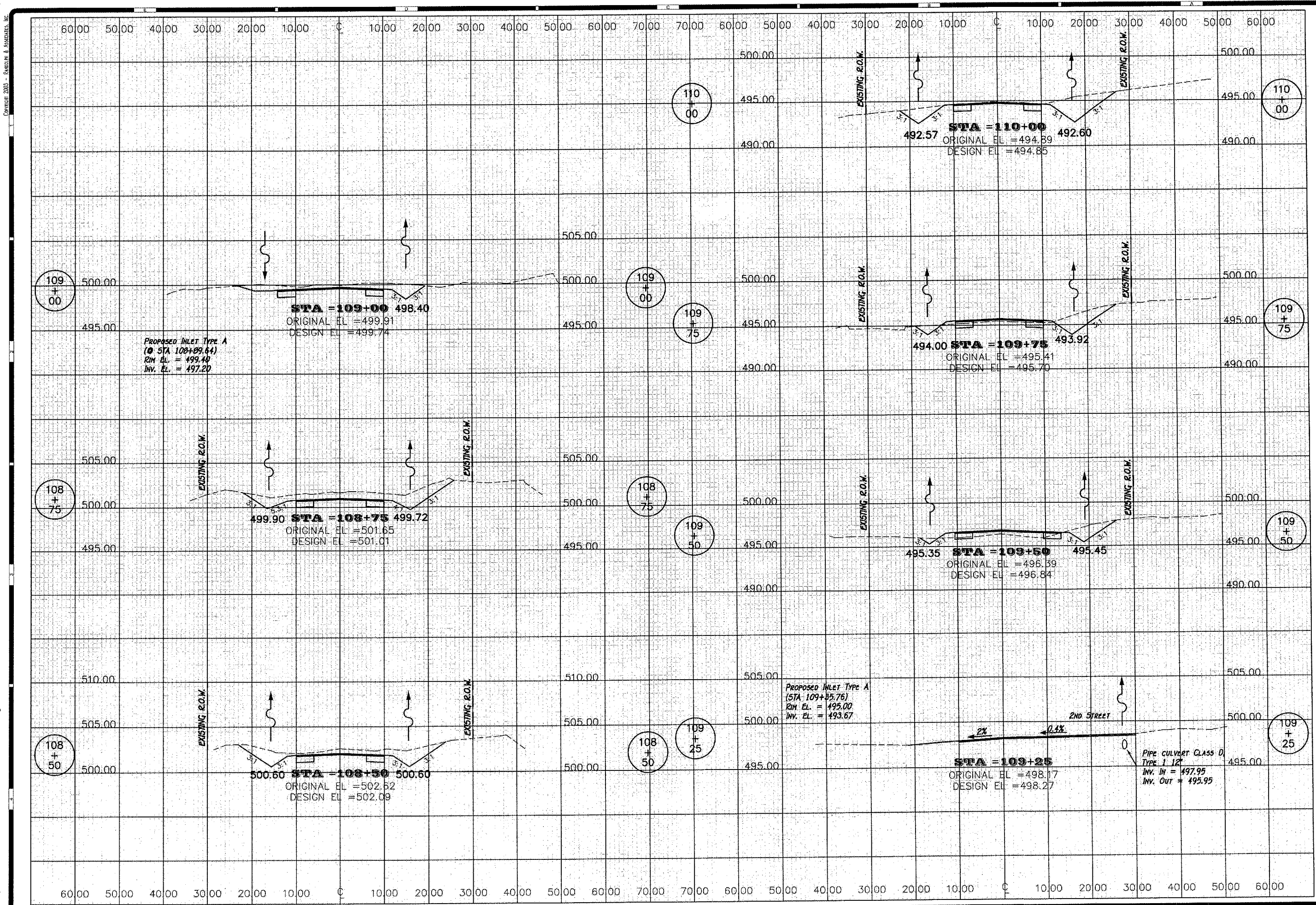
511 Pioneer Parkway, Peoria, IL 61615  
Tel: 309-693-8944 Fax: 309-693-8855  
www.randolphinc.com  
IL Design Firm Reg. # 194-801317

DESIGNED BY	E. THOMAS
CHECKED BY	E. THOMAS
APPROVED BY	E. BRADLE
SCALE	AS SHOWN

DATE	5 APR 2007
PROJECT NO.	0773-016
DRAWING NO.	X5-5



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CONTRACT #09391  
SHEET 30 OF 43

REVISIONS	
No.	Date

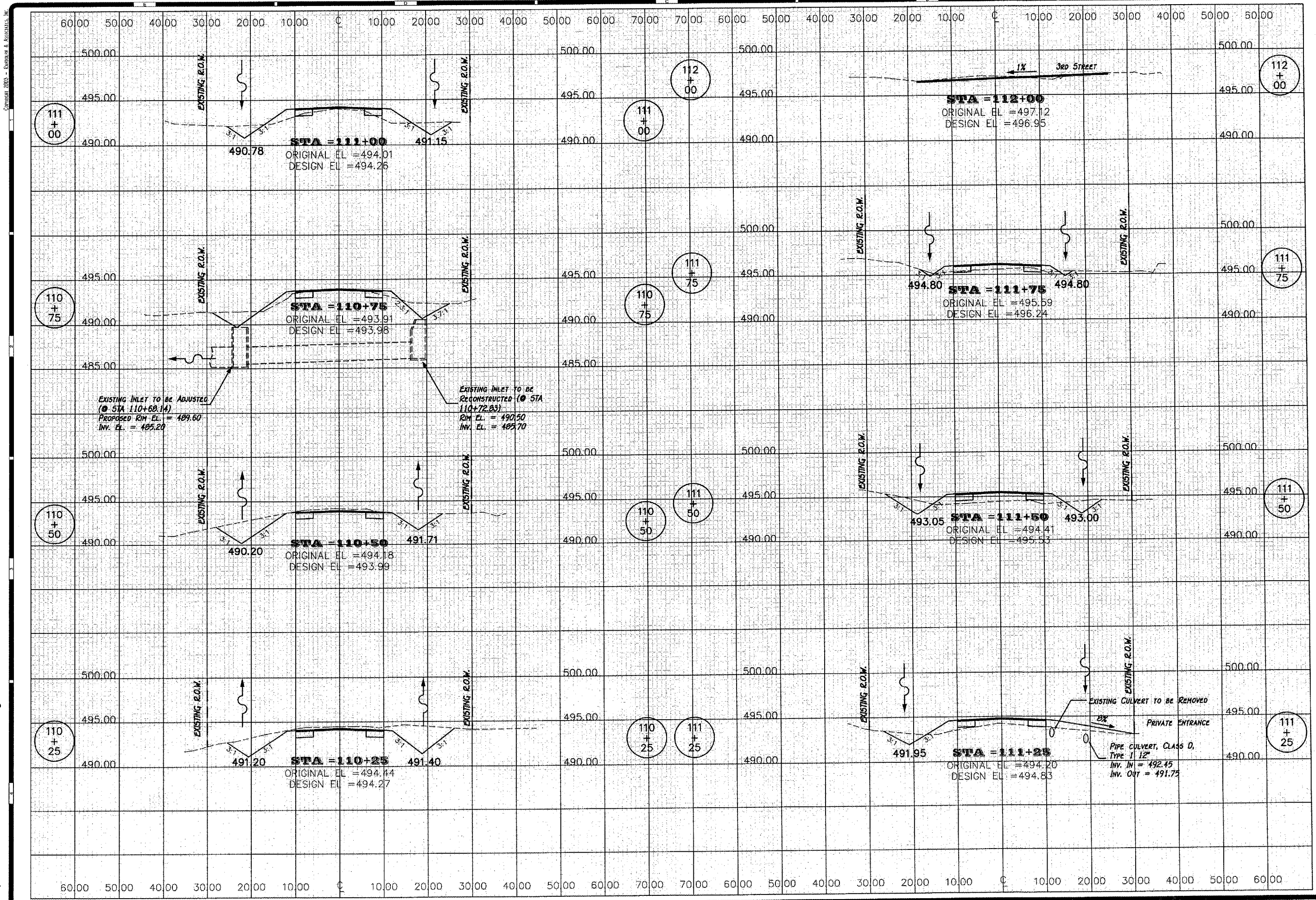
JEFFERSON STREET  
CROSS SECTIONS  
**STREET IMPROVEMENTS**  
ARMINGTON, ILLINOIS

**R**  
Randolph & Associates, Inc.  
Consulting Engineers  
Land Surveyors  
311 Pioneer Parkway, Peoria, IL 61615  
Tel: 309-693-8944 Fax: 309-693-8865  
www.randolphinc.com  
IL Design Firm Reg. # 144-051317

DATE: 5 APR 2007  
PROJECT: 0773-016  
X5-6



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SHEET 31 OF 43

REVISIONS	
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Consulting Engineers  
Land Surveyors  
911 Pioneer Parkway, Peoria, IL 61614  
tel. 309-693-8844 fax. 309-693-6855  
www.randolphinc.com  
IL Design Firm Reg. # 184-081317

DESIGNED BY  
**E. THOMAS**  
CHECKED BY  
**E. THOMAS**  
APPROVED BY  
**R. BRADLE**  
DATE  
**5, APR. 2007**  
PROJECT NO.  
**0773-016**  
SHEET NO.  
**X5-7**

REVISIONS	
NO.	DESCRIPTION

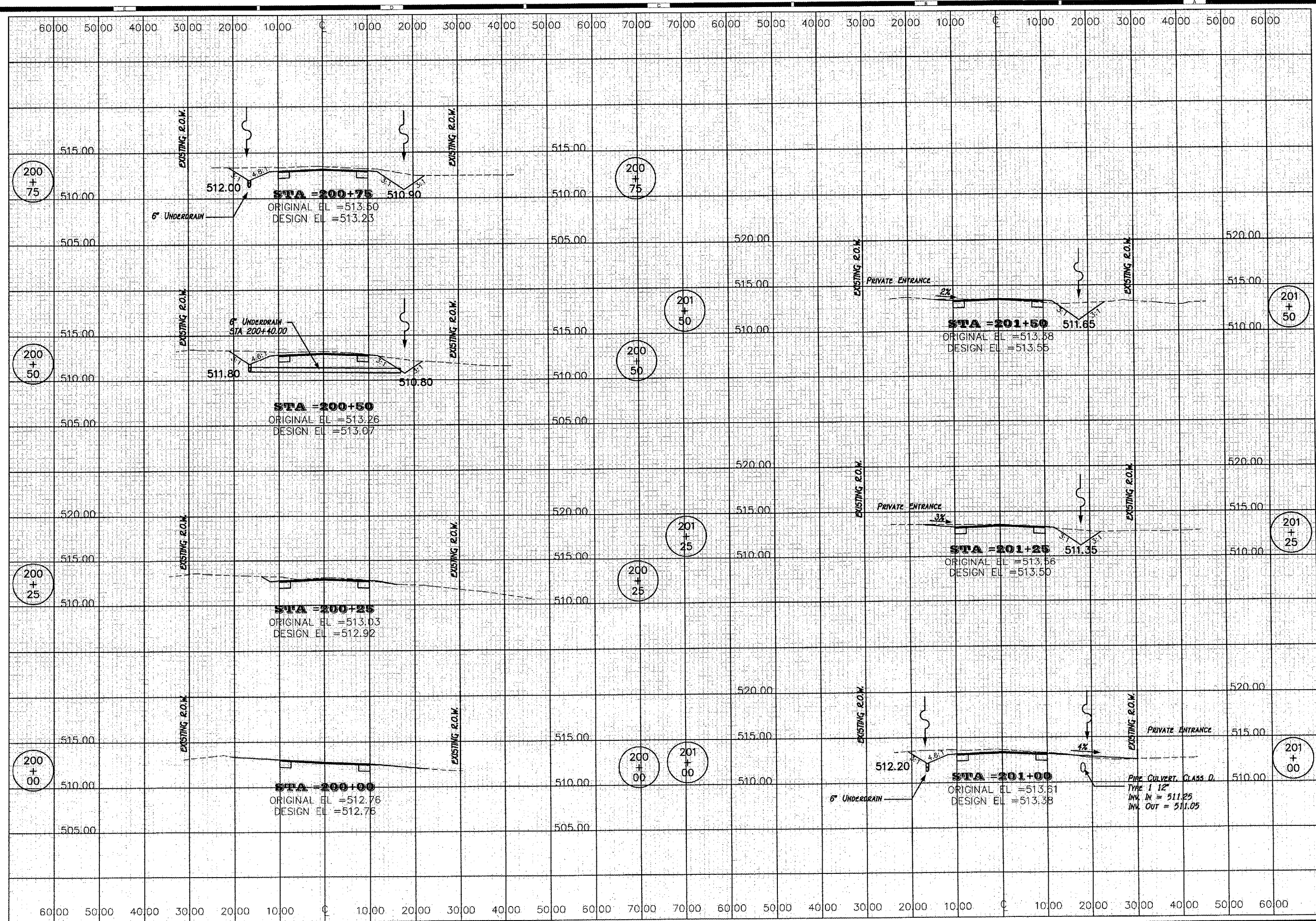
SOUTH STREET  
 CROSS SECTIONS  
**STREET IMPROVEMENTS**  
 ARMINGTON, ILLINOIS



811 Pioneer Parkway, Peoria, IL 61610  
 Tel: 309-692-8544 Fax: 309-693-9855  
 www.randolph-inc.com  
 IL Design Firm Reg. # 184-001017

PREPARED BY:  
**E. THOMAS**  
 DESIGNER:  
**E. THOMAS**  
 CHECKED BY:  
**R. BRADLE**  
 DATE:  
**5 APR 2007**  
 PROJECT NO.:  
**0773-D16**  
 DRAWING NO.:  
**X5-8**

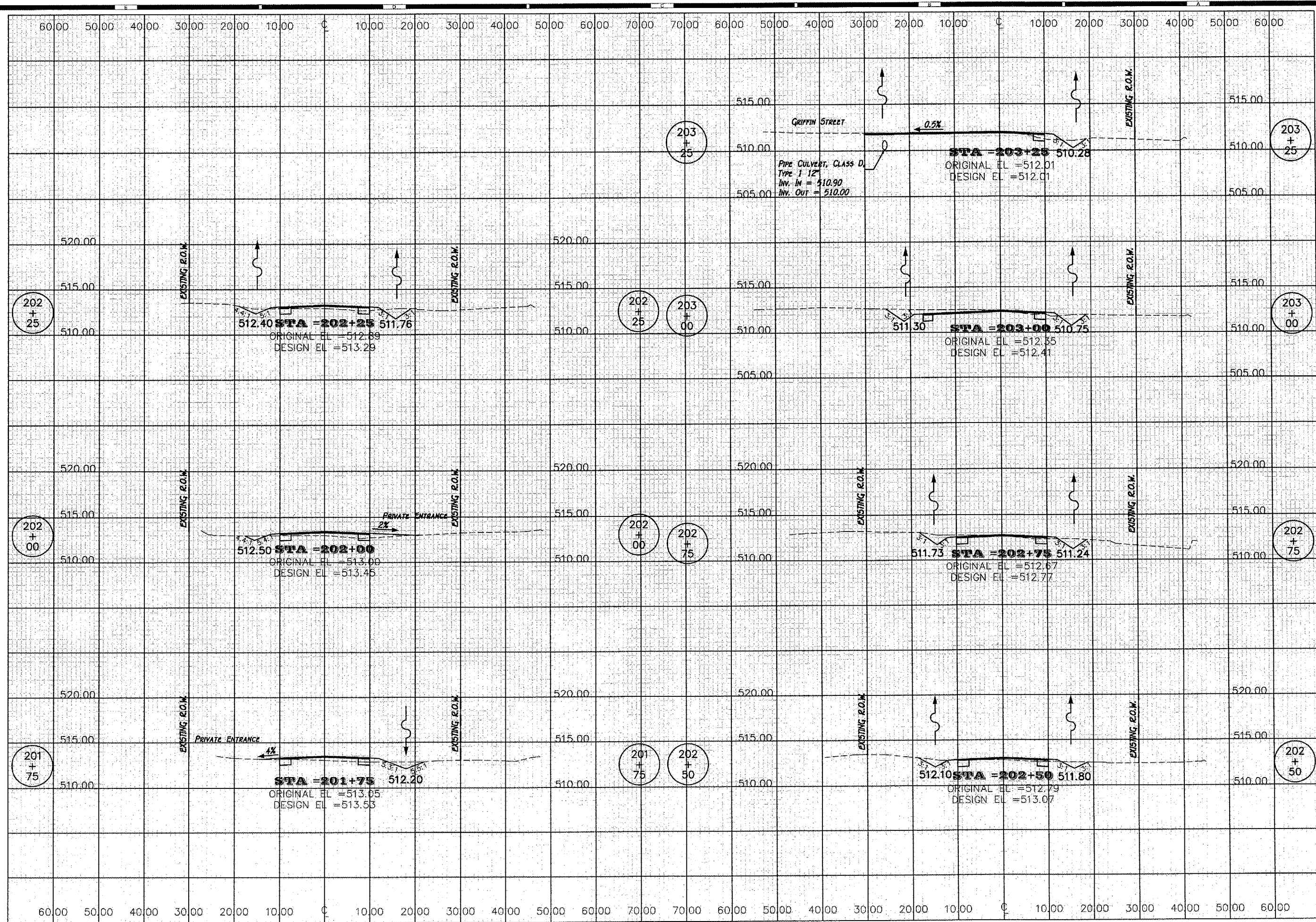
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REVISIONS	
No.	DATE

**STREET IMPROVEMENTS**  
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 Consulting Engineers  
 Land Surveyors

911 Pioneer Parkway, Peoria, IL 61615  
 Tel. 309-693-8644 Fax. 309-693-8650  
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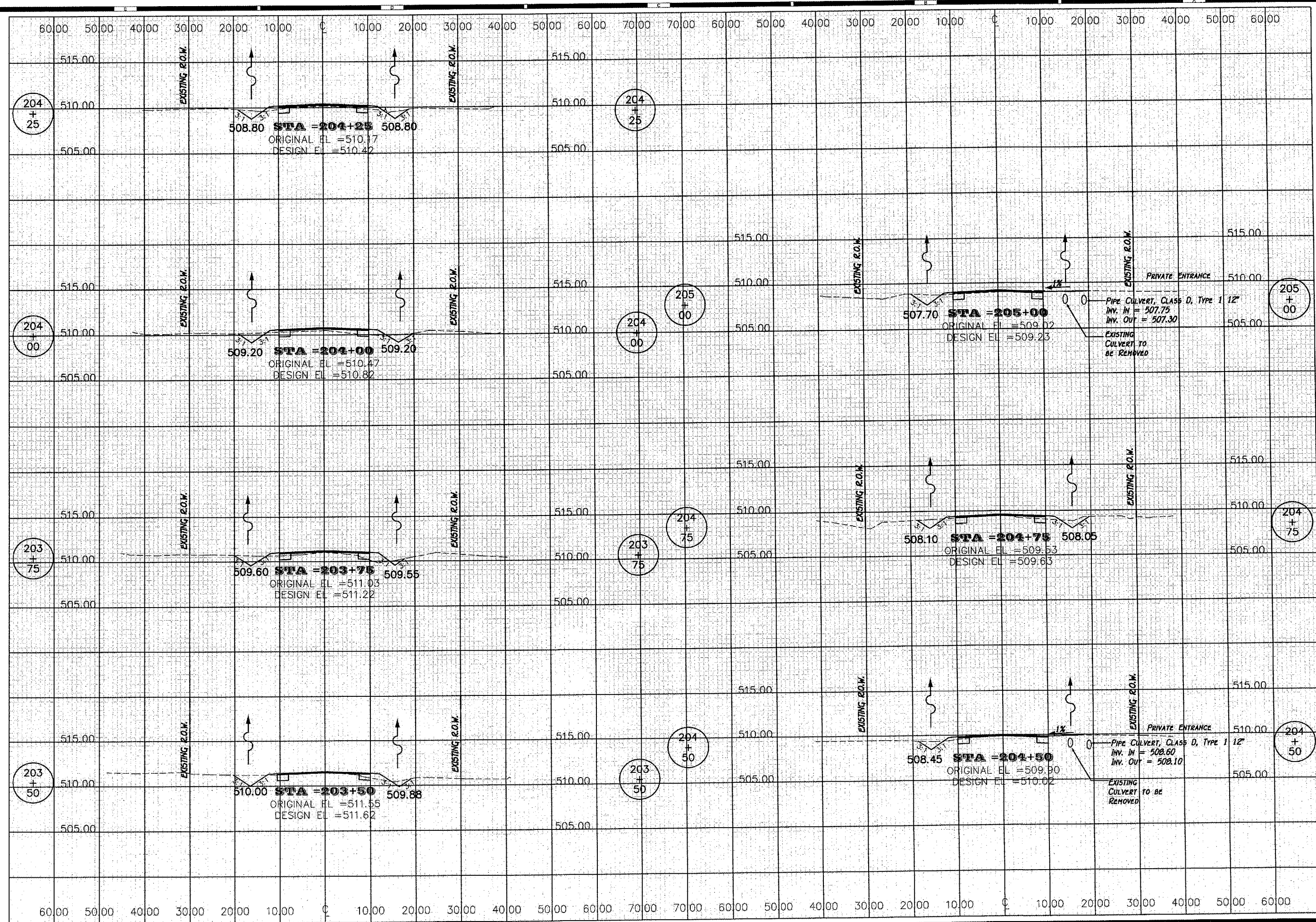
DESIGNED BY: **E. THOMAS**  
 CHECKED BY: **E. THOMAS**  
 APPROVED BY: **R. BRADLE**

DATE: **5 Apr 2007**  
 PROJECT NO: **0773-016**  
 SHEET NO: **X5-9**

**REVISIONS**

No.	Date	Description

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**SOUTH STREET  
CROSS SECTIONS**

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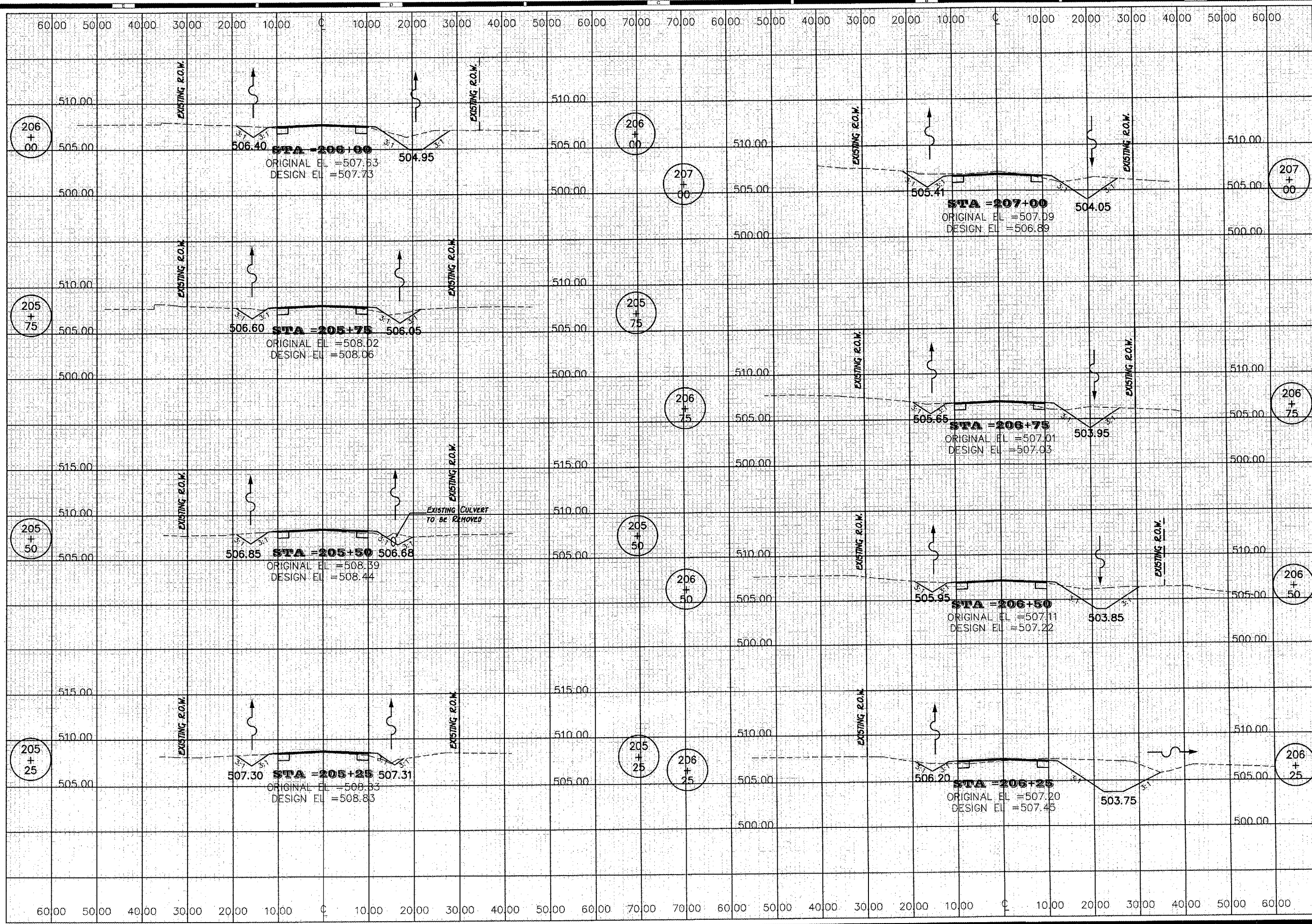
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Tel: 309-693-8544 Fax: 309-693-8855  
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PREPARED BY: E. THOMAS  
DESIGNED BY: E. THOMAS  
APPROVED BY: R. BRADLE  
SCALE: \_\_\_\_\_

DATE: 3, Apr. 2007  
PROJECT NO: 0773-016  
DRAWING NO: X5-10





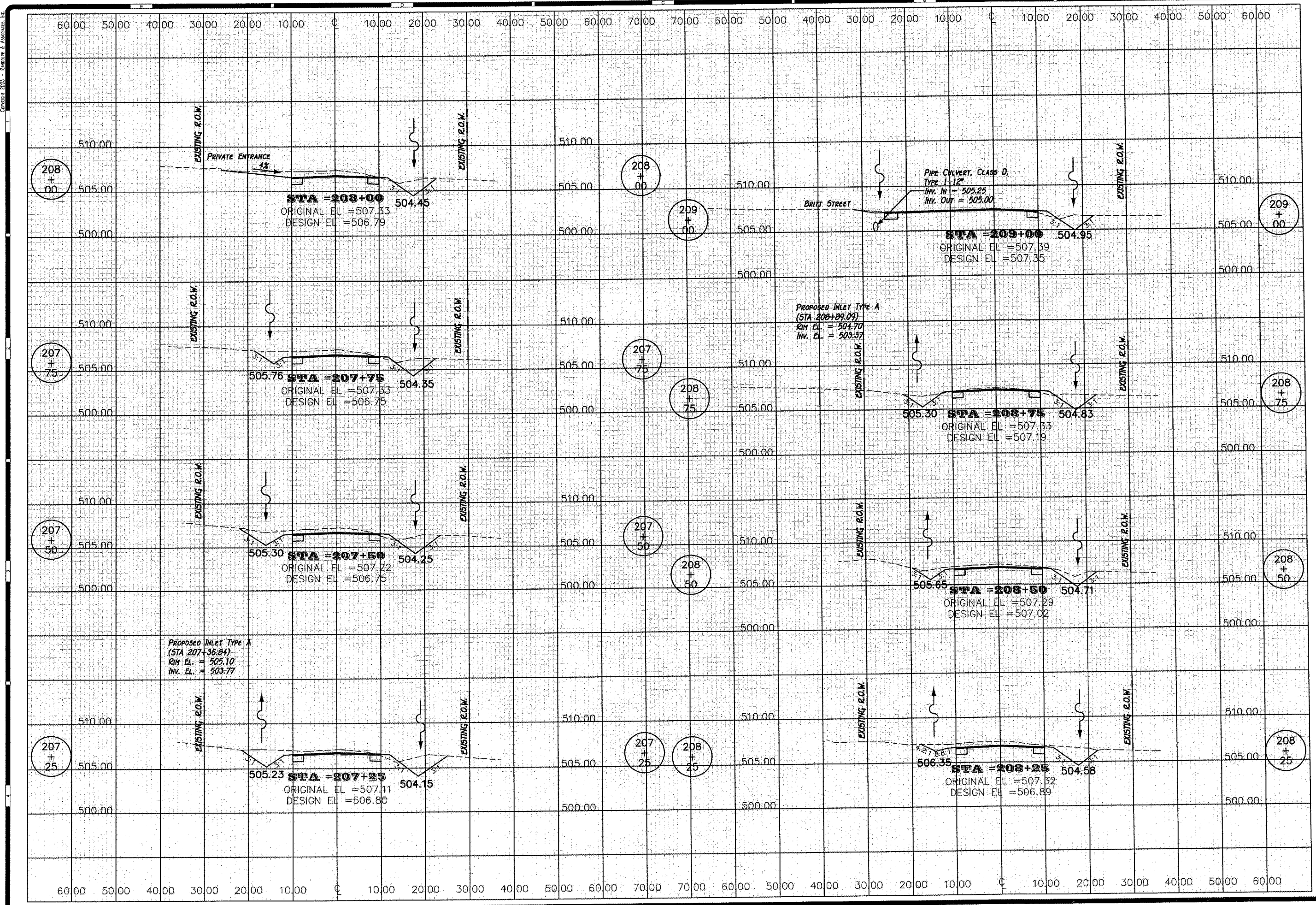
No.	DATE	DESCRIPTION

**SOUTH STREET/MAIN STREET  
CROSS SECTIONS**  
**STREET IMPROVEMENTS**  
 ARMINGTON, ILLINOIS

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DESIGNED BY <b>E. THOMAS</b>
APPROVED BY <b>R. BRADLE</b>
SCALE
DATE <b>5 APR 2007</b>
PROJECT NO. <b>0773-016</b>
DRAWING NO. <b>X5-11</b>

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SHEET 36 OF 43

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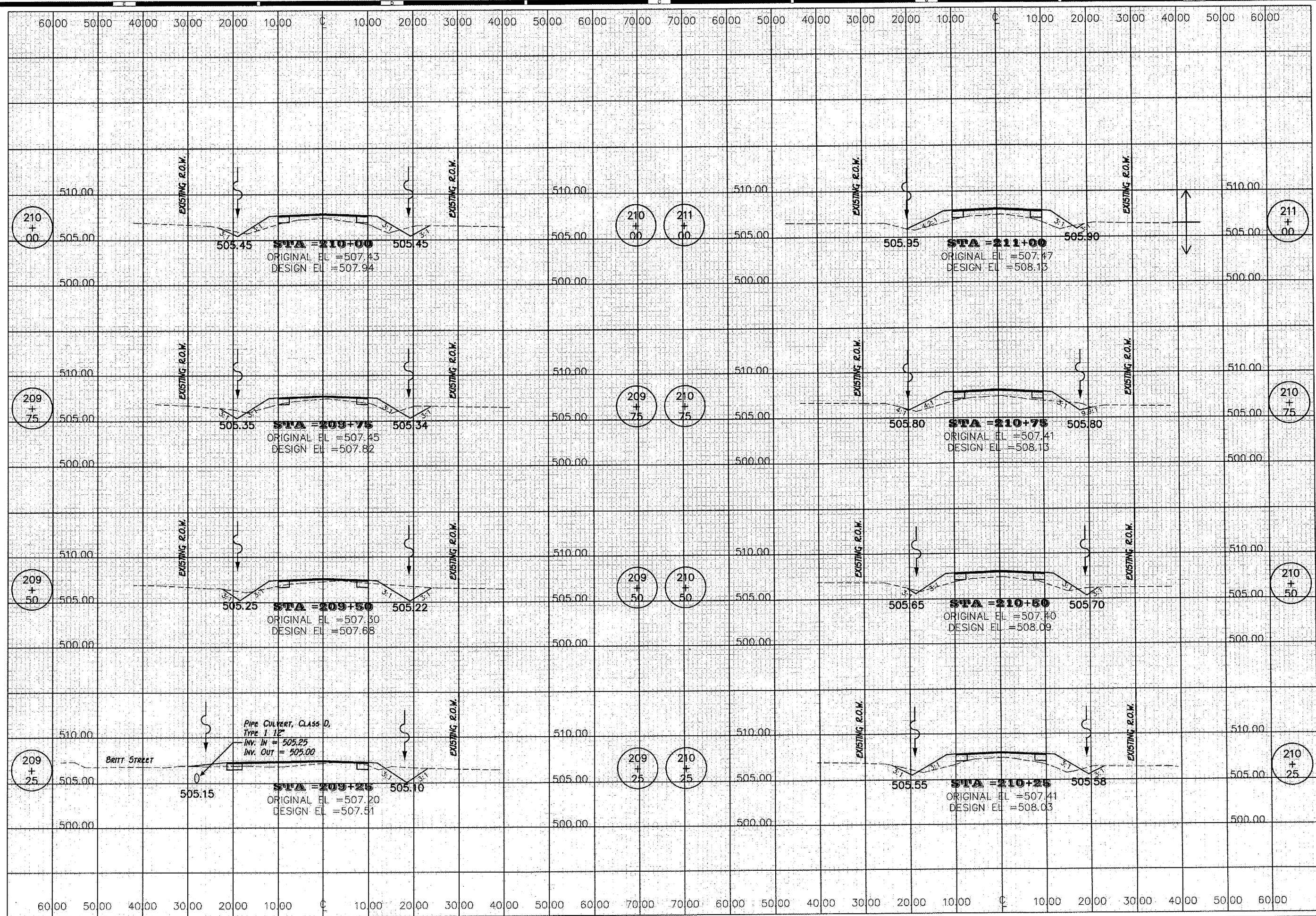
PREPARED BY:  
**E. THOMAS**  
DESIGNED BY:  
**E. THOMAS**  
CHECKED BY:  
**R. BRADLE**  
SCALE:

DATE:  
**5 APR 2007**  
PROJECT NO:  
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**E. THOMAS**

CHECKED BY:  
**E. THOMAS**

APPROVED BY:  
**E. BRADLE**

SCALE:  
AS SHOWN

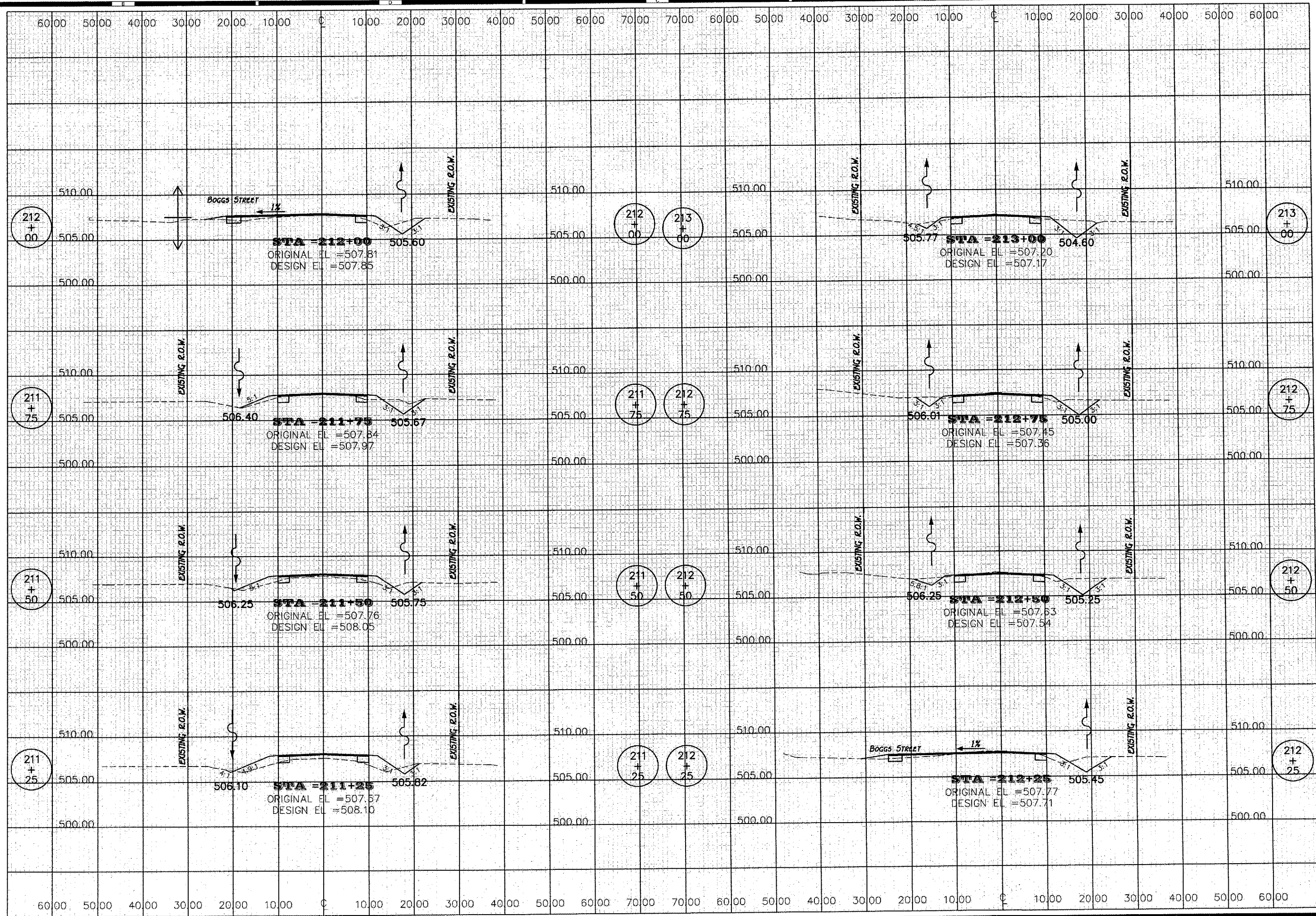
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PROJECT NO:  
**0773-016**

SECTION:  
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CREATED BY  
**E. THOMAS**

DESIGNED BY  
**E. THOMAS**

APPROVED BY  
**R. BEADLE**

SCALE

DATE  
**5 Apr 2007**

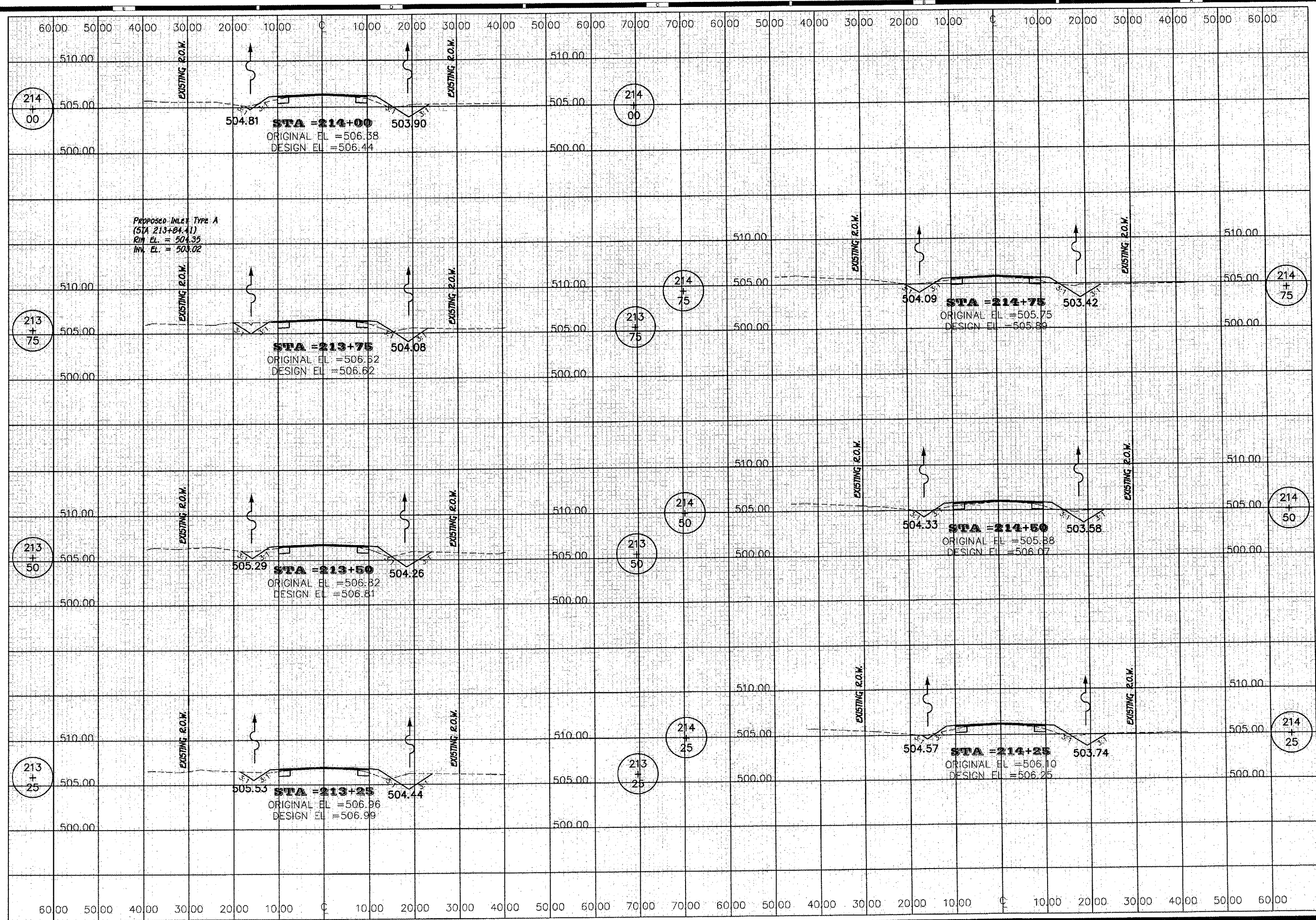
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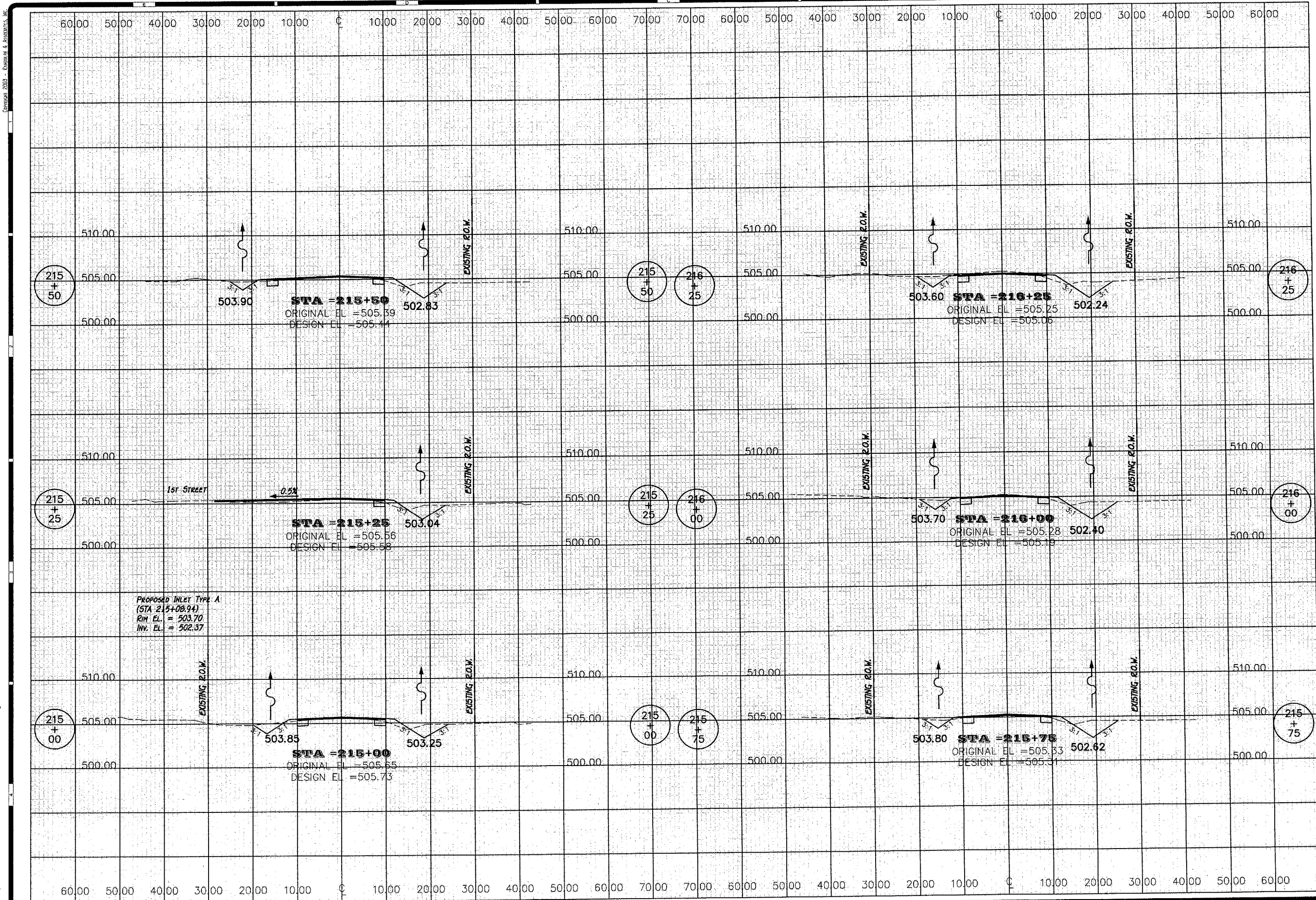
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DESIGNED BY: E. THOMAS  
CHECKED BY: E. THOMAS  
SUPERVISOR: E. BRADLE  
DATE: 5 Apr 2007  
PROJECT NO: 0773-016  
DRAWING: X5-15

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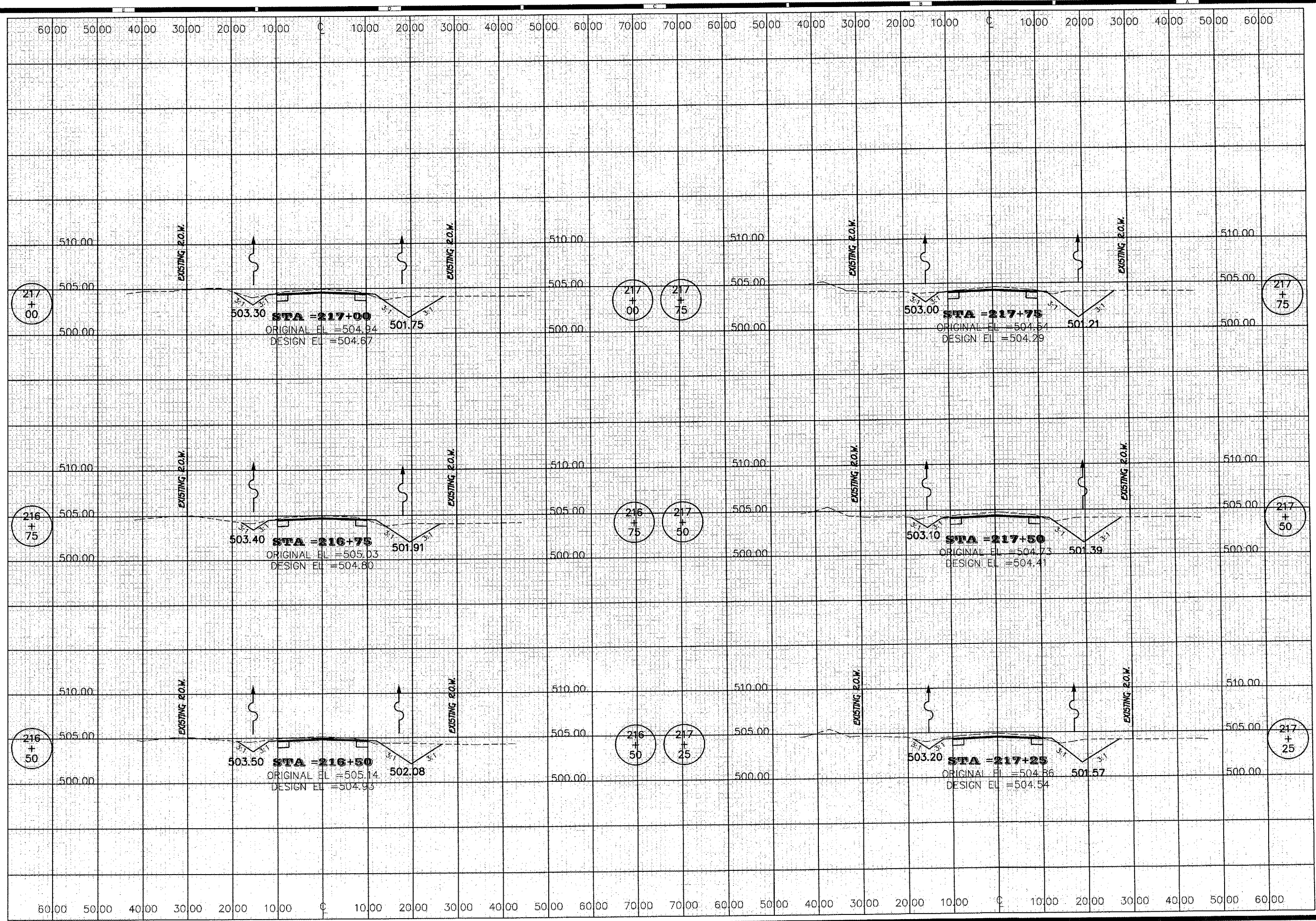
CREATED BY: E. THOMAS  
DESIGNED BY: E. THOMAS  
APPROVED BY: R. BRADLE  
SCALE:

DATE: 5 Apr 2007  
PROJECT NO: 0773-016  
DRAWING NO: X5-16



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www.randolphinc.com  
IL Design Firm Reg. # 194-001317

DESIGNED BY  
**E. THOMAS**

DRAWN BY  
**E. THOMAS**

APPROVED BY  
**P. BRADLE**

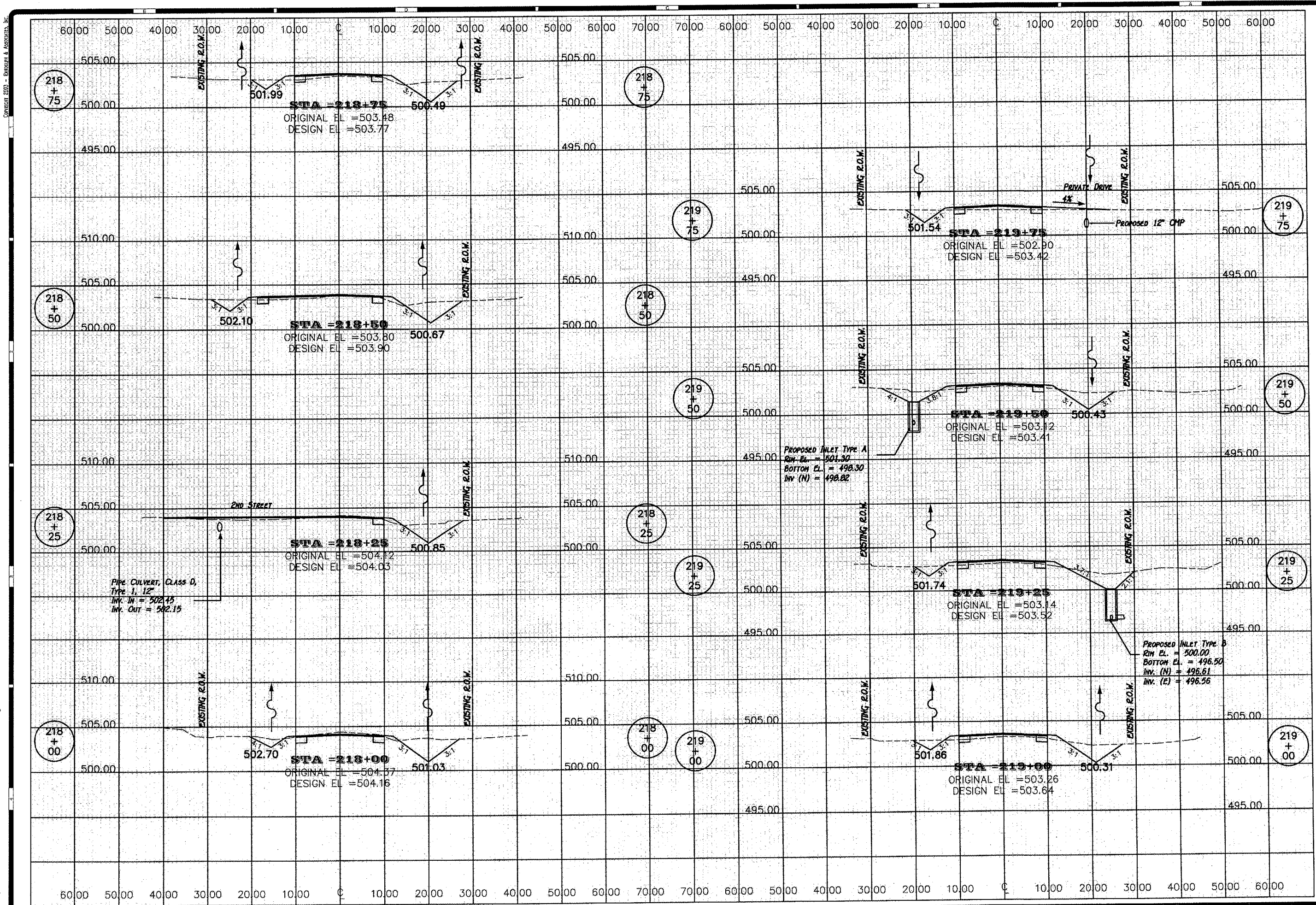
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DATE  
**5, APR. 2007**

PROJECT NO.  
**0773-016**

SHEET NO.  
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SHEET 42 OF 43

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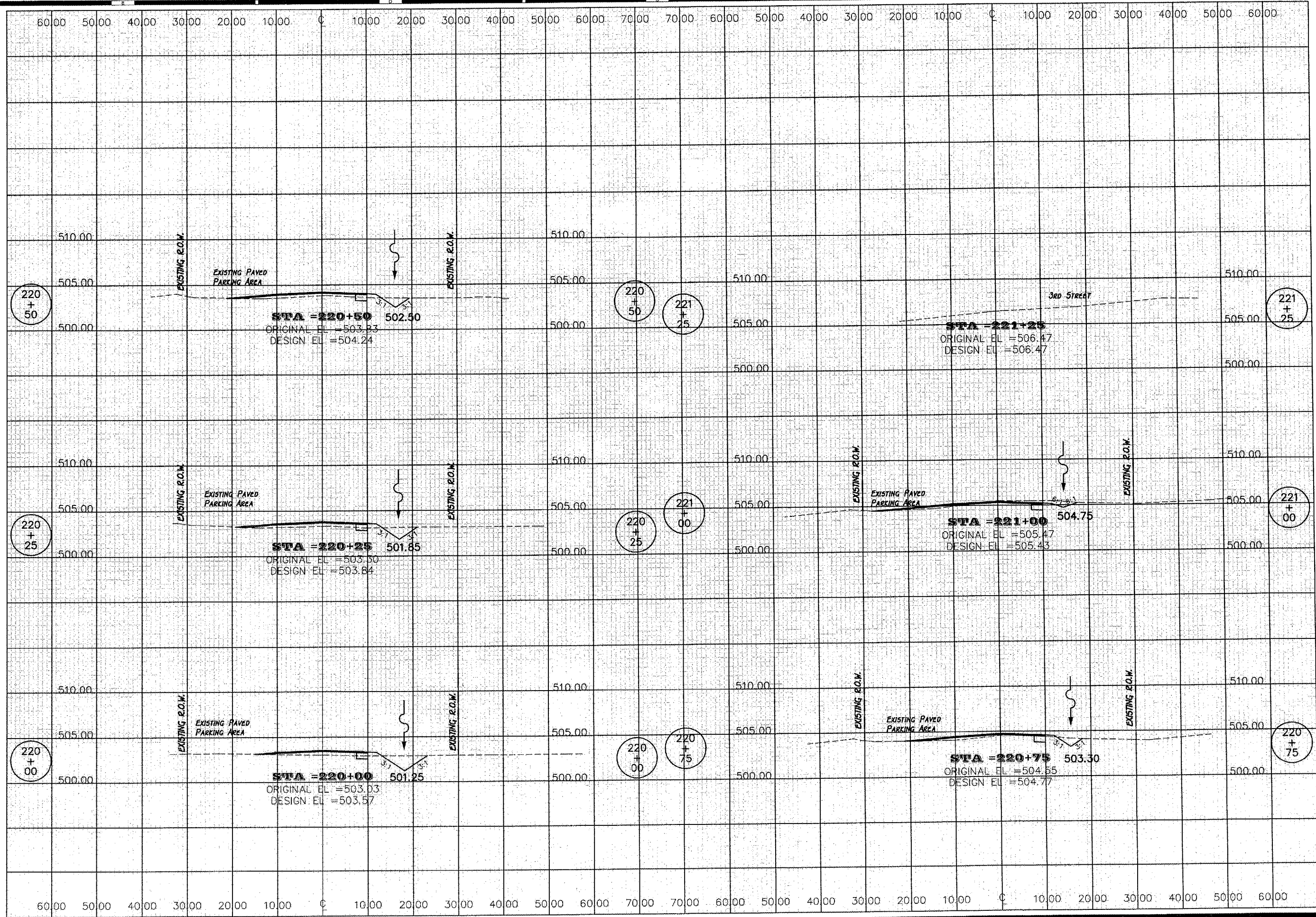
911 Pioneer Parkway, Peoria, IL 61615  
 Tel. 309-699-8644 Fax 309-699-8655  
 www.randolph-inc.com  
 IL Design Firm Reg # 194-001317

DESIGNED BY: **E. THOMAS**  
 DRAWN BY: **E. THOMAS**  
 CHECKED BY: **R. BRADLE**  
 TRACE

DATE: **5 APR 2007**  
 PROJECT: **0773-016**  
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 PROJECT NO: **0773-016**  
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