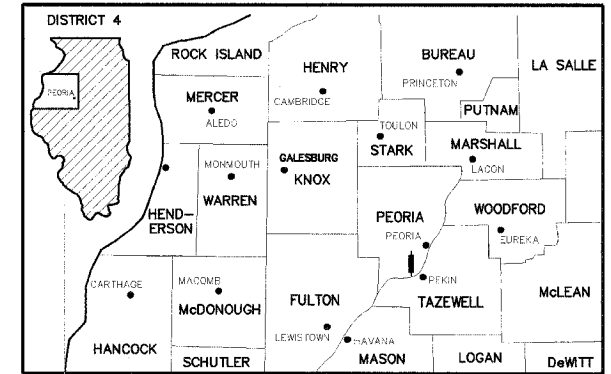


# PLAN FOR LAFAYETTE AVENUE (FAU 6579) FROM PFEIFFER RD. (FAU 6679) TO GARFIELD AVE. (FAU 6678)

FOR  
**VILLAGE OF BARTONVILLE**  
**SECTION 02-00065-00-PV**  
**PEORIA COUNTY**  
**PROJECT NO. M 50<sup>93</sup>(102)**  
**C-94-062-03**

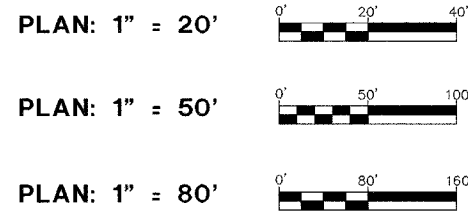
**DESIGN DESIGNATION**

LAFAYETTE AVENUE  
 300 (26) COLLECTOR 0.056 (FLEXIBLE PAVEMENT-20)  
 ADT = 2550 (2026)  
 PV = 98.25%  
 SU = 1.5%  
 MU = 0.25%



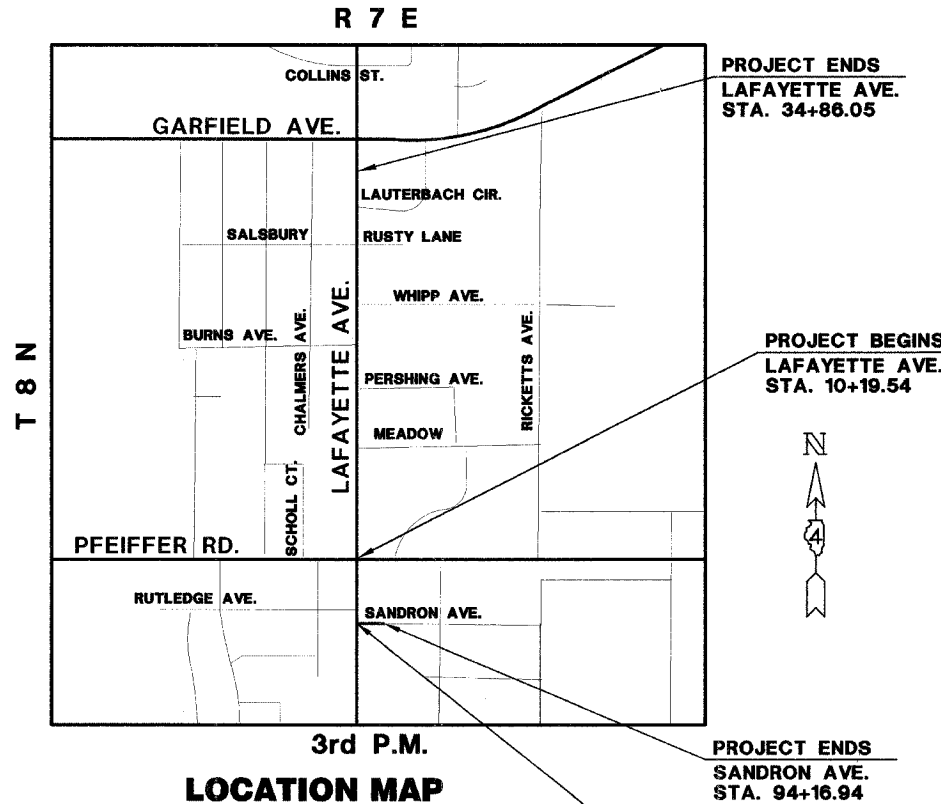
LOCATION OF SECTION INDICATED THUS:

**DRAWING SCALES**



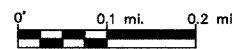
**SURVEY BOOK NOS.**

310, 314



**LOCATION MAP**

NOTE:  
 SEE PROJECT LINE DIAGRAM  
 FOR ADDITIONAL PROJECT LIMITS



GROSS LENGTH OF IMPROVEMENT = 2,466 FEET = 0.467 MILES  
 NET LENGTH OF IMPROVEMENT = 2,466 FEET = 0.467 MILES

*Kenneth M. Coulter*  
 KENNETH M. COULTER  
 ILLINOIS REGISTERED PROFESSIONAL ENGINEER  
 No. 062-038839  
 DATE 1-06-06

APPROVED *January 6, 2006*  
*Roger G. Becker*  
 VILLAGE ENGINEER

PASSED *January 9, 2006*  
*Steve Laballe*  
 DISTRICT FOUR ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID BASED ON LIMITED REVIEW *JAN 9, 2006*  
*John A. [Signature]*  
 DEPUTY DIRECTOR OF HIGHWAYS, REGION THREE ENGINEER

**STS CONSULTANTS**  
 111 NE Jefferson Ave.  
 Peoria, Illinois 61602  
 PH: (309) 676-8464  
 FAX: (309) 676-5445  
 IL Design Firm Reg. No. 184-001518

VILLAGE OF BARTONVILLE LIASON: ROGER ROCKE 676-9000  
 IDOT LIASON: SCOT LASALLE 671-3690



NPDES PERMIT REQUIRED  
 BITUMINOUS SUPERPAVE  
 QC/QA BITUMINOUS  
 CONTRACT # 89358

F.A. RTE.	SECTION	COUNTY	CONTRACT NO.
FAU 6579	02-00065-00-PV	PEORIA	89358
FED. RD. DIST. NO.	ILLINOIS	PROJECT NO.	M 503 102

**INDEX OF SHEETS**

SHT. NO.	DESCRIPTION
1	COVER SHEET
2	INDEX OF SHEETS, COMMITMENTS, LIST OF STANDARDS AND GENERAL NOTES
3	SUMMARY OF QUANTITIES
4-6	SCHEDULE OF QUANTITIES
7-9	TYPICAL SECTIONS
10	STATUS OF UTILITIES TO BE ADJUSTED
11-13	ALIGNMENT, TIES AND BENCHMARKS
14-17	CONSTRUCTION STAGING AND MAINTENANCE OF TRAFFIC
18-23	REMOVAL PLANS
24-29	PROPOSED PLAN AND PROFILES
30-38	DRAINAGE PLAN AND PROFILES
39-42	ROW STRIP MAP
43-44	MISCELLANEOUS DETAILS
45-71	CROSS SECTIONS

SHT. NO.	DESCRIPTION
72-83	DISTRICT 4 CADD STANDARDS:
406501-D4	URBAN SIDEROADS FOR '3R' PROJECTS
423101-DR	URBAN ENTRANCES ACCESSIBLE TO THE DISABLED FOR CURBLINE SIDEWALKS
423116-D4	URBAN ENTRANCES FOR CLOSELY SPACED ENTRANCES
424001-D4	SIDEWALK RAMPS ACCESSIBLE TO THE DISABLED
440001-D4	BITUMINOUS SURFACE REMOVAL (COLD MILLING)
602001-D4	INLETS, TYPE G-1
602021-D4	INLET-MANHOLE, TYPE G-1
602101-D4	PRECAST REINFORCED CONCRETE FLAT SLAB TOP FOR INLET-MANHOLE, TYPE G-1 AND TYPE G-1, SPECIAL
604001-D4	FRAMES AND GRATES FOR TYPE G-1 AND TYPE G-1, SPECIAL DRAINAGE STRUCTURES
BLR 21	
BLR 22	

**LIST OF STANDARDS**

- 000001-#STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 280001-02 TEMPORARY EROSION CONTROL SYSTEMS
- 424001-04 CURB RAMPS FOR SIDEWALKS
- 542301 PRECAST REINFORCED CONCRETE FLARED END SECTION
- 602301#INLET, TYPE A
- 602401#MANHOLE, TYPE A
- 602601 PRECAST REINFORCED CONCRETE FLAT SLAB TOP
- 602701#CAST IRON STEPS
- 604001#FRAME AND LIDS, TYPE 1
- 604036-01 GRATE, TYPE 8
- 606001-02 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
- 701501-03 URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
- 701801#LANE CLOSURE, MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
- 702001#TRAFFIC CONTROL DEVICES
- 720001 SIGN PANEL MOUNTING DETAILS
- 720006 SIGN PANEL ERECTION DETAILS
- 720011 METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS
- 729001 APPLICATIONS OF TYPES A AND B METAL POSTS (FOR SIGNS & MARKERS)
- 780001#TYPICAL PAVEMENT MARKINGS

- BLR 17-3 TRAFFIC CONTROL DEVICES
- BLR 21-6
- BLR 22-4

**COMMITMENTS**

NO COMMITMENTS HAVE BEEN MADE FOR THIS PROJECT.

**JOB SPECIFIC NOTES**

STAGE CONSTRUCTION OF STORM SEWER  
 PLUG NEW STORM SEWER PIPE TO PREVENT INFILTRATION OF FOREIGN MATERIAL UNTIL STORM SEWER CAN BE COMPLETED IN FOLLOWING STAGES, AS APPROVED BY THE ENGINEER.

1" COLD MILLING  
 COLD MILL 1" AT CENTERLINE, EDGE OF PAVEMENT MILLING DEPTH WILL VARY IN SOME AREAS TO GREATER THAN 2 INCHES.

24" GAS MAIN  
 NOTIFY AMEREN-CILCO 24 HOURS PRIOR TO ANY WORK WITHIN 15' OF THE 24" GAS MAIN ON LAFAYETTE AVENUE.

**GENERAL NOTES**

**UTILITIES - LOCATIONS/INFORMATION ON PLANS**

The locations of existing water mains, gas mains, sewers, electric power lines, telephone lines and other utilities as shown on the plans are based on careful field investigation and the best information available, but they are not guaranteed. Unless elevations are shown ---- all utility locations shown on the cross sections are based on the approximate depth supplied by the utility company. It shall be the Contractor's responsibility to ascertain their exact location from the utility companies and by field inspection.

**TREE REMOVAL - UTILITY RELOCATION**

Tree removal may be necessary prior to utility companies being able to relocate their facilities outside the construction limits. The Contractor should coordinate any contract tree removal activities with the utility companies to eliminate conflicts and potential delays caused by utility tree removal activities or incomplete utility relocations.

**PLAN ELEVATIONS - U.S.G.S. MEAN SEA LEVEL DATUM**

All elevations shown on the plans are established from U.S.G.S. mean sea level datum.

**PROPERTY OWNER ACCESS REQUIREMENT**

Access must be maintained to all existing properties during construction per 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.

**TEMPORARY MATERIAL REQUIREMENTS - UTILITY AND DRIVEWAY CROSSINGS**

Incidental bituminous surface shall be used for all temporary side road crossings. Aggregate surface course may be used for all driveway crossings except during winter shutdown in accordance with Article 107.09.

**WINTER SHUTDOWN RESTRICTIONS ON COLD MILLED PROJECTS**

Prior to winter shutdown the following steps shall be taken:

- All cold milled surfaces shall be overlaid.
- All lanes shall be reopened to traffic.
- Manholes, where applicable, shall be adjusted to the elevation of the binder to ease in plowing snow, and readjusted to finished grade in the Spring. The initial manhole adjustment will be paid for at the contract unit price and any readjustment, as directed by the Engineer, will be paid for in accordance with Article 109.04.
- Temporary or permanent pavement marking shall be placed as applicable.

**ENVIRONMENTAL REVIEWS**

Prior to the use of any proposed borrow areas, use areas (temporary access roads, detours, run-arounds, etc.) and/or waste areas, the Contractor shall file the required environmental resource request surveys according to Section 107.22 of the Standard Specifications. These surveys are required in order for the Department to conduct cultural and biological resource surveys for the proposed site.

Prior to any waste materials being removed from the construction site the required environmental resource surveys will need to be obtained and filed by the Contractor. Excess waste products removed from the construction site shall be disposed of as required in Section 202.03 of the Standard Specifications.

Any protruding metal bars shall be removed prior to the disposal of broken concrete at approved disposal sites.

The required environmental resource documentation shall include the following:

- BDE Form 2289 (Environmental Survey Request)
- A location map showing the size limits and location of the use area
- Signed property owner agreement form
- Color photographs depicting the use area

Please note that a minimum of two weeks shall be allowed for the District to obtain the required environmental clearances.

**LABORATORY TESTING OF SUPERPAVE MIXES**

Some aggregate compositions produce inconsistent results when burned in the ignition oven. The Engineer will determine whether the ignition oven or AC nuclear gauge will be required after the aggregate sources have been identified.

**BITUMINOUS CONCRETE MIXTURE REQUIREMENTS**

Mixture Uses(s):	BINDER COURSE SUPERPAVE/BASE COURSE/PATCHING
RAP % (Max)**:	25%
AC/PG:	PG 64-22
Design Air Voids:	4.2% @ N = 50
Mixture Composition:	IL 19.0
(Gradation Mixture)	
Friction Aggregate	N/A

Mixture Uses(s):	POLYMERIZED SURFACE COURSE SUPERPAVE
RAP % (Max)**:	15%
AC/PG:	SBR OR SBS PG 70-22
Design Air Voids:	4.2% @ N = 50
Mixture Composition:	IL 9.5 OR 12.5
(Gradation Mixture)	
Friction Aggregate	MIXTURE D

Mixture Uses(s):	BITUMINOUS CONCRETE LEVEL BINDER
RAP % (Max)**:	25%
AC/PG:	PG 64-22
Design Air Voids:	4.2% @ N = 50
Mixture Composition:	IL 9.5 OR IL 12.5
(Gradation Mixture)	
Friction Aggregate	N/A

\*\*If the RAP option is selected, the asphalt cement grade may need to be adjusted; this will be determined by the Engineer.

**PAVING SURFACE COURSE, CONTINUOUS**

Continuous paving operations on the main roadway shall be maintained at all times during the construction of the bituminous surface. No interruptions for side roads, entrances, turn lanes, etc. will be allowed.

**REFLECTIVE CRACK CONTROL TREATMENT**

Reflective crack control treatment shall be placed on the binder course.

**ORDERING LENGTH CONFIRMATION - DRAINAGE ITEMS**

The Contractor shall consult with the Engineer in regard to the exact length of the box/pipe culverts, storm sewers, and/or pipe drains required prior to ordering these items.

**EXISTING DRAINAGE PIPES CONNECTED TO NEW STRUCTURES**

In accordance with Section 602 of the Standard Specifications, the connecting of existing drain tiles, pipe culverts, or storm sewers to the proposed drainage system structures will not be paid for separately but shall be considered as included in the pay items provided.

**TAPER REMOVAL @ FRAME & GRATES ADJUSTED BY OTHERS**

At locations where frames and grates have previously been adjusted by others and they are surrounded by bituminous tapers, the Contractor for this contract shall remove and dispose of the bituminous taper material prior to the placement of the bituminous surface course. This work will not be paid for separately, but will be considered as included in the cost of the BITUMINOUS SURFACE COURSE.

**SIGNING**

Sign locations may vary from the stations shown on the plans in accordance with directions from the Engineer at the time of construction. Sign locations may be adjusted in the field to avoid any found utilities.

All wood post locations shall be verified with the Bureau of Operations, Traffic Section, before installation.

**ITEMS NOT MARKED FOR REMOVAL**

Items within temporary easements that are not marked for removal or relocation are to be left undisturbed.

**AGGREGATE FOR DRIVEWAY REPLACEMENT**

The material used for construction of permanent aggregate driveways shall be gravel or crushed stone, as directed by the engineer, to replace in kind the existing aggregate driveways.

No additional compensation shall be provided for this requirement but shall be considered as included in the cost of the pay item for the aggregate as specified on the plans.

**DRIVEWAYS**

Private and commercial driveways shall be replaced with 6" P.C. Concrete to the back of sidewalk. Replacement beyond the back of sidewalk shall match the existing surface as follows:

Bituminous Driveways	Concrete Driveways	Aggregate Driveways
2" Incidental Bituminous Surfacing	6" P.C. Concrete	6" Aggregate Surface Course, Ty. B
6" Aggregate Base Course, Ty. B		

Driveways shall be removed and replaced to the limits shown on the plans

**MAILBOXES**

Temporary mailboxes shall be set at locations approved by the Bartonville Postmaster. Temporary mailboxes shall be established at the time the permanent mailboxes are removed. The material and orientation of the temporary mailboxes shall be approved by the Bartonville Postmaster.

Permanent mailboxes shall be set at locations approved by the Bartonville Postmaster. Permanent installation of the mailboxes shall be done by mounting the existing mailbox on a new 4" by 4" wooden post extending 24" below the surface. Mailboxes within the limit of proposed sidewalk may be "boxed out" using construction joints as shown on the mailbox detail in the plans. This work shall be included in the contract unit price for the EARTH EXCAVATION. There are an estimated 55 mailboxes to be relocated. Generally, permanent mailboxes shall be located on the approach side of driveway entrances but the permanent location shall be approved by the Bartonville Postmaster.

No additional payment will be made for temporary mailboxes or relocation of mailboxes.

**PROPERTY CORNERS**

The Contractor shall be responsible for protecting existing property corners. Known property corners are shown on the right of way strip map sheets. The Contractor shall reset property corners at his/her own expense that are damaged or obliterated during construction.

**SEWER CONNECTIONS**

The cost of making sewer connections to existing drainage structures shall be included in various contract units prices for STORM SEWER.

**VALVE BOXES**

Valve Boxes shall be adjusted to the final grade as shown on the plans. The cost of adjusting Valve Boxes shall not be paid for separately but shall be included in the contract unit price for the various items of work.

**STORM SEWER CONNECTIONS**

Per IEPA regulations, rubber gasket storm sewer is required where the storm sewer crosses over the water main. Water main requirement storm sewer is required where storm sewer is parallel and within 10' of water main pipe.

**SBS CONSULTANTS**  
 111 NE Jefferson Ave.  
 Peoria, Illinois 61602  
 PH:(309)678-8484  
 FAX:(309)678-5445  
 E-Design Firm Reg. No. 184-001518

**LAFAYETTE AVE.  
 BARTONVILLE IL.**

**INDEX OF SHEETS,  
 COMMITMENTS,  
 LIST OF STANDARDS  
 AND GENERAL NOTES**

SURVEY	CHECKED	ISSUE DATE
DESIGN	APPROVED	01/06/06
DRAWN	CSA	PRELIM. DATE
		11/21/05
		PROJECT NO.
		BART0001

L:\BART0001\2\VIEW\INDEX SHEETS.DWG

SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE
CODE NO.	PAY ITEM	UNIT	1000-2A TOTAL
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	14
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	189
20200100	EARTH EXCAVATION	CJ YD	2,551
20800150	TRENCH BACKFILL	CJ YD	1,262.0
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	3,783
25000210	SEEDING, CLASS 2A	ACRE	0.78
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	66
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	66
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	66
25100115	MULCH, METHOD 2	ACRE	0.75
28000400	PERIMETER EROSION BARRIER	FOOT	2,897
28000500	INLET AND PIPE PROTECTION	EACH	7
28000510	INLET FILTERS	EACH	18
28100725	STONE DUMPED RIPRAP, CLASS B3	SQ. YD.	24
30200650	PROCESSING MODIFIED SOIL MIX, 12"	SQ. YD.	729
30201500	LIME	TON	15.0
35100200	AGGREGATE BASE COURSE, TYPE A	CJ YD	1,669
35101400	AGGREGATE BASE COURSE, TYPE B (DRIVEWAYS)	TON	392
35650700	BASE COURSE WIDENING	SQ. YD.	821
40200900	AGGREGATE SURFACE COURSE, TYPE B (DRIVEWAYS)	TON	134
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	12.6
40600300	AGGREGATE (PRIME COAT)	TON	6
40800040	INCIDENTAL BITUMINOUS SURFACING (DRIVEWAYS)	TON	67
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	1,111
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	476.0
42400420	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH SPECIAL	SQ FT	267.0
42400610	TEMPORARY SIDEWALK	SQ FT	5,000
42400800	DETECTABLE WARNINGS	SQ FT	114
44000004	BITUMINOUS SURFACE REMOVAL 1"	SQ YD	4,085
44000006	BITUMINOUS SURFACE REMOVAL 1.5"	SQ YD	1,154
44000100	PAVEMENT REMOVAL	SQ YD	2,628
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	1,447
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	495
44000600	SIDEWALK REMOVAL	SQ FT	8,735
44201705	CLASS D PATCHES, TYPE II, 5 INCH	SQ. YD.	118
44201711	CLASS D PATCHES, TYPE IV, 5 INCH	SQ. YD.	284
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	2,357
50105220	PIPE CULVERT REMOVAL	FOOT	371
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	1
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	1
54213881	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"	EACH	1
55100700	STORM SEWER REMOVAL 15"	FOOT	144
55101600	STORM SEWER REMOVAL 36"	FOOT	13
60218300	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	5

SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE
CODE NO.	PAY ITEM	UNIT	1000-2A TOTAL
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3
60236200	INLETS, TYPE A, TYPE B GRATE	EACH	4
60241800	INLETS, TYPE G-1	EACH	15
60255800	Manholes To Be Adjusted With New Type 1 Frame, Closed Lid	EACH	2
60261830	INLETS TO BE ADJUSTED WITH NEW TYPE G-1 FRAME AND GRATE	EACH	2
60500040	REMOVING MANHOLES	EACH	3
60500060	REMOVING INLETS	EACH	1
60602200	CONCRETE GUTTER	FOOT	4,281.0
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	830.5
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	188.0
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	10
67100100	MOBILIZATION	L SUM	1
70101700	TRAFFIC CONTROL AND PROTECTION	L SUM	1
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	100
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	612
78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	875
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	156
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	77
A2001218	TREE, ACER RUBRUM RED SUNSET (RED SUNSET RED MAPLE), 2" CALIPER, BALLED AND BURLAPPED	EACH	8
X0321558	SANITARY MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	10
X0322033	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	FOOT	1191
X0322034	STORM SEWER (WATER MAIN REQUIREMENTS) 15 INCH	FOOT	235
X0322035	STORM SEWER (WATER MAIN REQUIREMENTS) 18 INCH	FOOT	590
X0322089	STORM SEWER (WATER MAIN REQUIREMENTS) 36 INCH	FOOT	19
X0322525	STORM SEWER (WATER MAIN REQUIREMENTS) 21 INCH	FOOT	813
X0322672	SPLIT RAIL FENCE TO BE REMOVED AND RE-ERECTED	FOOT	116
XX006500	SANITARY SEWER SERVICE REMOVAL AND REPLACEMENT	FOOT	319
X4086524	POLYMERIZED BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX D, N50	TON	1,092
X4086765	LEVELING BINDER (MACHINE METHOD), SUPERPAVE N50	TON	410
XX005347	BIT. CONCRETE BINDER COURSE, SUPERPAVE, N50	TON	637
XX185100	INLET-MANHOLE, TYPE G-1, 4'-DIAMETER	EACH	11
XX006499	INLET-MANHOLE, TYPE G-1, 5'-DIAMETER	EACH	6
XX006498	COMBINATION CONCRETE CURB AND SIDEWALK, 4 INCH (SPECIAL)	SQ FT	3,242
Z0000990	AGGREGATE FOR TEMPORARY ACCESS	TON	100
Z0013798	CONSTRUCTION LAYOUT	L SUM	1
Z0034730	MODULAR RETAINING WALL SYSTEM	SQ FT	588
Z0076600	TRAINEES	HOUR	500
66410300	CHAIN LINK FENCE REMOVAL	FOOT	5
66410400	CHAIN LINK FENCE TO BE REMOVED AND RE-ERECTED	FOOT	139
Z0050600	REMOVE AND RESET ORNAMENTAL FENCE	FOOT	100
X5012650	CONCRETE HEADWALL REMOVAL SPECIAL	EACH	1
60100915	PIPE DRAINS 6"	FOOT	35
XX006497	COMBINATION CONCRETE CURB AND SIDEWALK, 4 INCH	SQ FT	19,458

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\* SPECIALTY ITEMS  
Δ Y080



LAFAYETTE AVE.  
BARTONVILLE IL.

SUMMARY OF QUANTITIES

SURVEY	CHECKED	ISSUE DATE
DESIGN	APPROVED	PRELIM. DATE
DRAWN	PROJECT NO.	PROJECT NO.
CSA	BART0001	BART0001

### TREE REMOVAL SCHEDULE

LOCATION	TREE REMOVAL UNITS (6 TO 15 UNITS DIAMETER)		UNITS
	TREE REMOVAL UNITS (OVER 15 UNITS DIAMETER)		
	UNITS	UNITS	
<b>LAFAYETTE AVENUE</b>			
STA. 10+80.00	40.03	LT	24
STA. 24+01.00	24.61	RT	60
STA. 24+15.14	24.21	RT	36
STA. 30+53.82	19.89	RT	24
STA. 30+77.30	21.13	RT	24
<b>LAUTERBACH CIR.</b>			
STA. 52+87.70	34.50	RT	8
STA. 52+96.14	34.50	RT	6
<b>SANDRON AVENUE</b>			
STA. 91+19.30	9.70	RT	21
<b>SUBTOTAL</b>			
			14
<b>TOTAL</b>			
			189

LOCATION	EARTH EXCAVATION CU YD	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE * CU YD	EMBANKMENT CU YD	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) CU YD
<b>LAFAYETTE AVENUE</b>				
LAFAYETTE AVENUE	1,610.00	1,207.50	650.00	+557.5
RUSTY LANE	0.00	0.00	20.00	-20
SANDRON STREET	941.00	705.75	76.00	+629.75
<b>SUBTOTAL</b>				
				2,551.00
				1,913.25
				746.00
				1,167.25
<b>TOTAL</b>				
				2,555

\* 25% SHRINKAGE FACTOR

### PERMANENT SEEDING SCHEDULE

LOCATION	TOPSOIL FURNISH AND PLACE, 4"	SEEDING, CLASS 2A	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	MULCH, METHOD 2
LOCATION	SQ YD	ACRE	POUND	POUND	POUND	ACRE
<b>LAFAYETTE AVENUE</b>						
STA. 10+00.00 TO STA. 16+00.00	1,260.03	0.260	23.40	23.40	23.40	0.260
STA. 16+00.00 TO STA. 22+00.00	712.85	0.150	13.50	13.50	13.50	0.150
STA. 22+00.00 TO STA. 28+00.00	409.70	0.080	7.20	7.20	7.20	0.080
STA. 28+00.00 TO STA. 34+00.00	430.89	0.090	8.10	8.10	8.10	0.090
STA. 34+00.00 TO STA. 34+86.00	32.92	0.010	0.90	0.90	0.90	0.010
<b>RUSTY LANE</b>						
STA. 60+00.00 TO STA. 61+56.17	104.33	0.020				0.020
<b>LAUTERBACH CIR.</b>						
STA. 50+00.00 TO STA. 52+00.00	162.24	0.030				0.030
<b>SANDRON AVENUE</b>						
STA. 90+13.00 TO STA. 94+16.94	670.06	0.140	12.60	12.60	12.60	0.140
<b>SUBTOTAL</b>						
						3,783.02
						0.780
						65.70
						65.70
						65.70
						0.750
<b>TOTAL</b>						
						3,783
						1.00
						66
						66
						66
						0.76

### PERMETER EROSION BARRIER SCHEDULE

LOCATION	PERMETER EROSION BARRIER	FOOT	
<b>LAFAYETTE AVE</b>			
STA. 10+40.12	STA. 11+83.51	LT	144.26
STA. 11+83.33	STA. 12+08.84	LT	16.60
STA. 12+16.59	STA. 13+24.80	LT	151.65
STA. 13+38.98	STA. 14+00.00	LT	90.66
STA. 14+42.80	STA. 15+56.84	LT	128.25
STA. 17+14.62	STA. 17+70.22	LT	86.15
STA. 17+78.55	STA. 18+30.76	LT	98.16
STA. 18+54.80	STA. 19+18.65	LT	83.28
STA. 19+30.08	STA. 20+05.82	LT	75.84
STA. 21+19.43	STA. 21+55.16	LT	37.60
STA. 21+68.01	STA. 23+11.99	LT	169.02
STA. 24+42.21	STA. 24+46.91	LT	5.61
STA. 24+55.29	STA. 24+94.93	LT	39.95
STA. 25+04.51	STA. 25+75.08	LT	72.03
STA. 25+87.11	STA. 25+94.71	LT	7.64
STA. 28+05.15	STA. 28+53.39	LT	48.52
STA. 28+69.15	STA. 29+55.88	LT	110.58
STA. 30+30.74	STA. 30+95.24	LT	64.53
STA. 31+05.95	STA. 31+82.61	LT	77.27
STA. 31+98.78	STA. 32+43.81	LT	45.12
STA. 32+62.45	STA. 32+93.18	LT	31.24
STA. 33+03.16	STA. 34+39.18	LT	144.13
STA. 15+50.94	STA. 15+85.92	RT	34.98
STA. 16+12.26	STA. 16+83.78	RT	76.82
STA. 24+44.47	STA. 24+94.14	RT	49.70
STA. 25+03.93	STA. 25+89.85	RT	90.94
STA. 26+10.45	STA. 27+43.78	RT	136.23
STA. 27+79.80	STA. 28+17.98	RT	39.25
STA. 30+40.75	STA. 30+78.75	RT	38.04
STA. 31+03.49	STA. 31+84.35	RT	81.00
STA. 31+94.58	STA. 32+07.63	RT	18.49
STA. 32+25.74	STA. 32+97.16	RT	88.27
STA. 33+11.26	STA. 33+78.44	RT	71.56
<b>RUSTY LANE</b>			
STA. 60+25.89	STA. 61+43.80	LT	134.95
<b>SANDRON AVENUE</b>			
STA. 90+14.03	STA. 91+72.77	RT	167.88
STA. 90+16.85	STA. 90+75.00	LT	67.85
STA. 93+16.65	STA. 93+88.84	LT	72.60
<b>SUBTOTAL</b>			
			2,896.63
<b>TOTAL</b>			
			2,897

### PRIME COAT SCHEDULE

LOCATION	BITUMINOUS MATERIALS (PRIME COAT) TON	AGGREGATE (PRIME COAT) TON
<b>LAFAYETTE AVENUE</b>		
STA. 010+00.00 TO STA. 016+00.00	2.61	0.75
STA. 016+00.00 TO STA. 022+00.00	2.03	0.75
STA. 022+00.00 TO STA. 028+00.00	3.78	0.87
STA. 028+00.00 TO STA. 034+00.00	1.90	0.87
STA. 034+00.00 TO STA. 034+86.00	0.20	0.06
<b>RUSTY LANE</b>		
STA. 60+00.00 TO STA. 61+56.17	0.15	0.80
<b>LAUTERBACH CIR.</b>		
STA. 50+00.00 TO STA. 52+00.00	0.13	0.97
<b>SANDRON AVENUE</b>		
STA. 90+13.00 TO STA. 94+16.94	1.78	
<b>SUBTOTAL</b>		
		12.68
		5.07
<b>TOTAL</b>		
		12.6
		6

### STONE DUMPED RIPRAP SCHEDULE

LOCATION	STONE DUMPED RIPRAP, CLASS B3
LOCATION	SQ YD
<b>LAUTERBACH</b>	
STA. 53+11.14	55.09
<b>TOTAL</b>	
24	

### LIME MODIFIED SOIL SCHEDULE

LOCATION	PROCESSING MODIFIED SOIL MIXTURE, 12"	LIME
LOCATION	SQ YD	TON
<b>SANDRON STREET</b>		
SANDRON STREET	729.00	14.10
<b>SUBTOTAL</b>		
		729.00
		14.10
<b>TOTAL</b>		
		729
		14.1

### ENTRANCE SCHEDULE

LOCATION	AGGREGATE BASE COURSE, TYPE B	AGGREGATE SURFACE COURSE, TYPE B	INCIDENTAL BITUMINOUS SURFACING	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT 6"	AGGREGATE FOR TEMPORARY ACCESS
LOCATION	TON	TON	TON	SQ YD	TON
<b>LAFAYETTE AVENUE</b>					
STA. 010+00.00 TO STA. 016+00.00	91.14	95.85	18.47	265.60	20
STA. 016+00.00 TO STA. 022+00.00	126.16	5.66	18.98	299.02	20
STA. 022+00.00 TO STA. 028+00.00	0.00	24.16	0.00	249.67	20
STA. 028+00.00 TO STA. 034+00.00	153.32	8.25	26.69	233.37	20
STA. 034+00.00 TO STA. 034+86.00	14.47	0.00	4.74	14.71	20
<b>SANDRON AVENUE</b>					
STA. 92+15.00 TO	6.14			22.17	
STA. 92+82.00 TO				25.73	
<b>SUBTOTAL</b>					
					391.25
					133.92
					66.88
					1,110.27
					100.00
<b>TOTAL</b>					
					392
					134
					67
					1,111
					100

### INLET AND PIPE PROTECTION SCHEDULE

LOCATION	INLET AND PIPE PROTECTION		INLET FILTERS
	EACH	EACH	
<b>LAFAYETTE AVE</b>			
STA. 10+49.09	40.03	LT	1
STA. 10+67.99	13.00	LT	1
STA. 10+68.06	13.00	RT	1
STA. 12+71.35	13.00	LT	1
STA. 12+71.35	13.00	RT	1
<b>RUSTY LANE</b>			
STA. 18+71.69	13.00	LT	1
STA. 18+80.63	13.00	RT	1
STA. 19+47.95	13.00	LT	1
STA. 19+47.95	13.00	RT	1
STA. 21+37.09	13.00	LT	1
STA. 21+37.09	13.00	RT	1
<b>LAUTERBACH CIR.</b>			
STA. 22+88.16	13.00	LT	1
STA. 23+02.59	13.00	RT	1
STA. 23+03.13	45.53	LT	1
STA. 23+39.82	45.60	LT	1
STA. 24+76.53	13.00	LT	1
STA. 24+76.53	13.00	RT	1
<b>SANDRON AVENUE</b>			
STA. 29+50.52	47.69	LT	1
STA. 33+48.31	26.38	LT	1
STA. 33+16.05	24.35	RT	1
<b>SANDRON AVENUE</b>			
STA. 90+24.96	42.64	RT	1
STA. 90+40.09	12.00	RT	1
STA. 91+80.57	12.00	RT	1
STA. 91+80.41	12.00	LT	1
STA. 90+46.58	12.00	LT	1
<b>TOTAL</b>			
			7
			18

### PAVING SCHEDULE

LOCATION	POLYMERIZED BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX D, N50	BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, N50	LEVELING BINDER (MACHINE METHOD), SUPERPAVE N50	BASE COURSE WIDENING	AGGREGATE BASE COURSE, TYPE A
LOCATION	TON	TON	TON	SQ YD	TON
<b>LAFAYETTE AVENUE</b>					
STA. 10+00.00 TO STA. 16+00.00	199.10	138.86	76.21	179.17	363.91
STA. 16+00.00 TO STA. 22+00.00	221.95	35.50	126.2	299.2	93.08
STA. 22+00.00 TO STA. 28+00.00	219.10	328.83	0	0	861.76
STA. 28+00.00 TO STA. 34+00.00	230.10	0.00	187.83	315.04	0
STA. 34+00.00 TO STA. 34+86.00	32.10	0.00	19.07	0	0
<b>RUSTY LANE</b>					
STA. 60+00.00 TO STA. 61+56.17	32.78				
<b>LAUTERBACH CIR.</b>					
STA. 50+00.00 TO STA. 52+00.00	28.03				
<b>SANDRON AVENUE</b>					
STA. 90+13.00 TO STA. 94+16.94	128.68	133.64		26.92	350.22
<b>SUBTOTAL</b>					
					1,091.84
					636.83
					409.09
					820.33
					1,668.97
<b>TOTAL</b>					
					1,092
					637
					410
					821
					1,669

### SIDEWALK SCHEDULE

LOCATION	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH SPECIAL	TEMPORARY SIDEWALK	COMBINATION CURB AND SIDEWALK 4" (SPECIAL)	COMBINATION CURB AND SIDEWALK 4"
LOCATION	SQ FT	SQ FT	SQ FT	SQ FT	SQ FT
<b>LAFAYETTE AVENUE</b>					
STA. 10+00.00 TO STA. 16+00.00					4,235.00
STA. 10+19.17 TO STA. 10+43.92				260.10	
STA. 11+83.73 TO STA. 12+87.85				926.10	
STA. 12+89.91 TO STA. 13+47.78				309.88	
STA. 13+62.81 TO STA. 14+84.22				904.20	
STA. 17+17.47 TO STA. 17+83.81				452.68	
STA. 28+42.15 TO STA. 28+75.67				161.43	
STA. 29+05.67 TO STA. 29+33.74				125.52	
STA. 29+68.74 TO STA. 29+91.89				102.04	
STA. 16+00.00 TO STA. 22+00.00			2,500.00		5,472.00
STA. 14+84.22 TO STA. 28+00.00			2,500.00		5,135.00
STA. 28+00.00 TO STA. 34+00.00					4,118.00
STA. 34+00.00 TO STA. 34+86.00					500.00
<b>SANDRON AVENUE</b>					
STA. 90+13.00 TO STA. 94+16.94	475.89	267.35			
<b>SUBTOTAL</b>					
					475.89
					267.35
					5,000.00
					3,241.73
					19,458.00
<b>TOTAL</b>					
					476.0
					267.5
					5,000
					3,242.0
					19,458.0

### REMOVAL SCHEDULE

LOCATION	SQ YD	COMBINATION CURB AND GUTTER REMOVAL	SIDEWALK REMOVAL
<b>LAFAYETTE AVENUE</b>			
STA. 10+00.00 TO STA. 16+00.00	342.73	75.65	2,253.78
STA. 16+00.00 TO STA. 22+00.00	491.65		2,134.17
STA. 22+00.00 TO STA. 28+00.00	164.45		1,993.41
STA. 28+00.00 TO STA. 34+00.00	434.84		2,002.59
STA. 04+00.00 TO STA. 34+86.00	12.81		350.55
<b>SANDRON AVENUE</b>			
STA. 90+12.59 TO STA. 90+14.11	LT&RT	89.86	
STA. 91+91.93 TO STA. 93+12.22	LT	124.82	
STA. 91+91.93 TO STA. 94+16.94	RT	224.68	
<b>SUBTOTAL</b>			
			1,446.48
			495.01
			8,734.50
<b>TOTAL</b>			
			1,447
			495
			8,735

PAVEMENT REMOVAL SCHEDULE				
LOCATION		BITUMINOUS SURFACE REMOVAL 1"	BITUMINOUS SURFACE REMOVAL 1.5"	PAVEMENT REMOVAL
		SQ YD	SQ YD	SQ YD
<b>LAFAYETTE AVENUE</b>				
STA. 10+00.00	TO	STA. 16+00.00	757.71	696.31
STA. 16+00.00	TO	STA. 22+00.00	1,381.88	180.45
STA. 22+00.00	TO	STA. 28+00.00	0.00	1,582.87
STA. 28+00.00	TO	STA. 34+00.00	1,668.63	0.00
STA. 34+00.00	TO	STA. 34+86.00	276.44	0.00
<b>RUSTY LANE</b>				
STA. 60+00.00	TO	STA. 61+56.17		376.7
<b>LAUTERBACH CIR.</b>				
STA. 50+00.00	TO	STA. 52+00.00		322.2
<b>SANDRON AVENUE</b>				
STA. 90+13.00	TO	STA. 94+16.94		455.1
				167.62
SUBTOTAL		4,084.66	1,153.99	2,627.25
TOTAL		4,085	1,154	2,628

PATCHING SCHEDULE			
LOCATION		CLASS D PATCHES, TYPE II, 5 INCH	CLASS D PATCHES, TYPE IV, 5 INCH
		SQ YD	SQ YD
<b>LAFAYETTE AVENUE</b>			
STA. 10+00.00	TO	STA. 16+00.00	14.0
STA. 16+00.00	TO	STA. 22+00.00	20.8
STA. 22+00.00	TO	STA. 28+00.00	6.0
STA. 28+00.00	TO	STA. 34+00.00	77.2
STA. 34+00.00	TO	STA. 34+86.00	0.0
<b>LAUTERBACH CIR.</b>			
STA. 50+00.00	TO	STA. 52+00.00	283.55
SUBTOTAL		118.0	283.6
TOTAL		118.0	284.0

STRIP REFLECTIVE CRACK CONTROL TREATMENT SCHEDULE				
LOCATION		STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	
<b>LAFAYETTE AVENUE</b>				
STA. 10+80.00	TO	STA. 12+25.00	RT	145.05
STA. 10+80.00	TO	STA. 11+10.16	LT	30.17
STA. 14+25.00	TO	STA. 16+00.00	LT	174.99
STA. 14+25.00	TO	STA. 16+00.00	RT	175.00
STA. 16+00.00	TO	STA. 16+75.00	LT	75.02
STA. 16+00.00	TO	STA. 16+75.00	RT	77.97
STA. 17+10.00	TO	STA. 17+15.00	RT	11.41
STA. 17+25.00	TO	STA. 19+50.00	RT	220.41
STA. 17+25.00	TO	STA. 22+00.00	LT	475.42
STA. 19+50.00	TO	STA. 20+40.00	RT	104.07
STA. 20+75.00	TO	STA. 21+05.00	RT	40.26
STA. 28+00.00	TO	STA. 29+60.00	LT	176.91
STA. 29+70.00	TO	STA. 33+50.00	LT	356.96
STA. 30+50.00	TO	STA. 31+95.00	RT	148.30
STA. 32+50.00	TO	STA. 33+50.00	RT	104.51
SUBTOTAL			2,366.4	
TOTAL			2,357	

PIPE DRAIN SCHEDULE		
LOCATION	PIPE DRAIN 6"	FOOT
<b>LAFAYETTE AVENUE</b>		
STA. 12+71.00	RT	15.00
STA. 15+18.00	RT	15.00
STA. 28+37.00	LT	5.00
SUBTOTAL		35.00
TOTAL		35

STORM SEWER PIPE SCHEDULE										
LOCATION		TRENCH BACKFILL	STORM SEWERS, CLASS A TYPE 1		STORM SEWER (WATER MAIN REQUIREMENTS)					
		CUYD	12"	12"	15"	18"	21"	36"		
			FT	FT	FT	FT	FT	FT		
<b>S. LAFAYETTE AVENUE</b>										
STA. 10+42.95	32.88 ft	LT							16.0	
STA. 10+49.09	40.03 ft	LT							3.0	
STA. 10+67.99	13.00 ft	LT	20.9				27.0			
STA. 10+88.06	13.00 ft	RT		25.0						
STA. 12+71.35	13.00 ft	LT					199.0			
STA. 12+71.35	13.00 ft	RT		25.0						
STA. 15+17.60	13.00 ft	LT					242.0			
STA. 15+17.60	13.00 ft	RT	25.0							
STA. 16+68.56	16.61 ft	LT					146.0			
STA. 16+68.56	16.61 ft	LT					199.0			
STA. 18+80.63	13.00 ft	RT		27.0						
STA. 19+47.95	13.00 ft	LT				72.0				
STA. 19+47.95	13.00 ft	RT		26.0						
STA. 21+37.09	13.00 ft	LT				165.0				
STA. 21+37.09	13.00 ft	RT	26.0							
STA. 22+68.16	13.00 ft	LT		128.0						
STA. 23+03.13	14.31 ft	LT		32.0						
STA. 23+02.59	13.00 ft	RT		25.0						
STA. 23+03.13	45.53 ft	LT		28.0						
STA. 23+39.82	45.60 ft	LT		34.0						
STA. 24+76.53	13.00 ft	LT		170.0						
STA. 24+76.53	13.00 ft	RT	27.0							
STA. 28+01.61	13.00 ft	RT		42.0						
STA. 28+37.56	13.00 ft	LT		140.0						
STA. 29+80.69	14.23 ft	LT			64.0					
STA. 29+78.29	29.48 ft	LT			12.0					
STA. 29+50.52	47.89 ft	LT		32						
STA. 30+28.83	62.40 ft	RT		31						
STA. 30+29.99	14.21 ft	RT		43						
STA. 30+48.73	13.00 ft	LT			115.0					
STA. 31+68.19	13.00 ft	LT			44.0					
STA. 31+68.19	13.00 ft	RT		25						
STA. 32+71.52	13.00 ft	RT		26						
STA. 32+77.73	13.00 ft	LT		58.0						
STA. 33+48.32	13.00 ft	LT		67						
STA. 33+48.31	26.38 ft	LT		9.0						
STA. 33+16.05	24.35 ft	RT		2.0						
<b>LAUTERBACH CIR.</b>										
STA. 32+15.96	13.00 ft	LT				9.0				
STA. 32+09.54	2.39 ft	LT				271.0				
STA. 52+68.86	8.29 ft	RT				53				
<b>SANDRON AVE.</b>										
STA. 90+24.96	42.64 ft	RT				11.0				
STA. 90+40.09	12.00 ft	RT				3.3	21.0			
STA. 91+60.57	12.00 ft	RT				39.1		118.0		
STA. 91+60.41	12.00 ft	LT				3.0		23.0		
STA. 90+46.58	12.00 ft	LT				3.2		24.0		
SUBTOTAL			1261.3	79.0	1191.0	235.0	590.0	813.0	19.0	
TOTAL			1262.0	79	1191	235	590	813	19	

STORM SEWER STRUCTURE SCHEDULE														
STR#	LOCATION	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
<b>S. LAFAYETTE AVENUE</b>														
1	STA. 10+42.95	32.88 ft	LT										1	
19	STA. 10+49.09	40.03 ft	LT											
16	STA. 10+67.99	13.00 ft	LT											
7	STA. 10+68.06	13.00 ft	RT										1	
2	STA. 12+71.35	13.00 ft	LT											1
8	STA. 12+71.35	13.00 ft	RT										1	
3	STA. 15+17.60	13.00 ft	LT											1
9	STA. 15+17.60	13.00 ft	RT										1	
11	STA. 16+68.56	16.61 ft	LT											
4	STA. 18+71.69	13.00 ft	LT											1
10	STA. 18+80.63	13.00 ft	RT										1	
5	STA. 19+47.95	13.00 ft	LT											1
12	STA. 19+47.95	13.00 ft	RT										1	
6	STA. 21+37.09	13.00 ft	LT					1						
13	STA. 21+37.09	13.00 ft	RT										1	
14	STA. 22+68.16	13.00 ft	LT											1
15	STA. 23+03.13	14.31 ft	LT											
20	STA. 23+02.59	13.00 ft	RT										1	
21	STA. 23+03.13	45.53 ft	LT											
22	STA. 23+39.82	45.60 ft	LT										1	
17	STA. 24+76.53	13.00 ft	LT										1	
18	STA. 24+76.53	13.00 ft	RT										1	
38	STA. 28+01.61	13.00 ft	RT											1
37	STA. 28+37.56	13.00 ft	LT											1
36	STA. 29+80.69	14.23 ft	LT											1
39	STA. 29+78.29	29.48 ft	LT											
40	STA. 29+50.52	47.89 ft	LT											1
42	STA. 30+28.83	62.40 ft	RT										1	
41	STA. 30+29.99	14.21 ft	RT											1
35	STA. 30+48.73	13.00 ft	LT											1
34	STA. 31+68.19	13.00 ft	LT											1
43	STA. 31+68.19	13.00 ft	RT											1
33	STA. 32+15.96	13.00 ft	LT											1
32	STA. 32+09.54	2.39 ft	LT											1
47	STA. 32+71.52	13.00 ft	RT											1
44	STA. 32+77.73	13.00 ft	LT											1
45	STA. 33+48.32	13.00 ft	LT											1
46	STA. 33+48.31	26.38 ft	LT											1
48	STA. 33+16.05	24.35 ft	RT											1
49	STA. 33+15.04	20.10 ft	RT											1
50	STA. 33+76.11	19.86 ft	RT											1
51	STA. 34+88.89	1												

STORM SEWER REMOVAL SCHEDULE						
LOCATION	PIPE CULVERT REMOVAL FT	STORM SEWER REMOVAL 15" FT	STORM SEWER REMOVAL 36" FT	REMOVING MANHOLES EA	REMOVING INLETS EA	CONCRETE HEADWALL REMOVAL SPECIAL EA
<b>LAFAYETTE AVENUE</b>						
STA. 10+00.00 TO STA. 16+00.00	74.30		12.50			1
STA. 16+00.00 TO STA. 22+00.00	102.95	38.14		2		
STA. 22+00.00 TO STA. 28+00.00	51.42					
STA. 28+00.00 TO STA. 34+00.00	141.51	107.69		1	1	
STA. 34+00.00 TO STA. 34+86.00						
<b>SANDRON AVE</b>						
STA. 90+26.69 TO STA. 90+14.69	10.00					
<b>SUBTOTAL</b>	<b>370.18</b>	<b>143.83</b>	<b>12.50</b>	<b>3</b>	<b>1</b>	<b>1</b>
<b>TOTAL</b>	<b>371</b>	<b>144</b>	<b>13</b>	<b>3</b>	<b>1</b>	<b>1</b>

CURB AND GUTTER SCHEDULE			
LOCATION	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 FOOT	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 FOOT	CONCRETE GUTTER FOOT
<b>LAFAYETTE AVENUE</b>			
STA. 10+00.00 TO STA. 16+00.00			1130.00
STA. 16+00.00 TO STA. 22+00.00	72.00		1041.00
STA. 22+00.00 TO STA. 28+00.00	62.00		1074.00
STA. 28+00.00 TO STA. 34+00.00	54.00	95.52	950.00
STA. 34+00.00 TO STA. 34+86.00			86.00
<b>SANDRON AVENUE</b>			
STA. 90+14.11 TO STA. 93+12.22			321.25
STA. 90+12.59 TO STA. 94+16.94			413.31
<b>SUBTOTAL</b>	<b>188.40</b>	<b>830.08</b>	<b>4,281.00</b>
<b>TOTAL</b>	<b>188.5</b>	<b>830.5</b>	<b>4,281.0</b>

FENCE REMOVAL SCHEDULE				
LOCATION	SPLIT RAIL FENCE TO BE REMOVED AND RE-ERECTED FT	CHAIN LINK FENCE REMOVAL FT	CHAIN LINK FENCE TO BE REMOVED AND RE-ERECTED FT	REMOVE AND RESET ORNAMENTAL FENCE FT
<b>S. LAFAYETTE AVENUE</b>				
STA. 14+86.69	22.50 ft	LT	TO STA. 15+54.51	25.63 ft
STA. 15+74.26	25.30 ft	LT	TO STA. 16+81.38	21.32 ft
STA. 17+15.82	54.27 ft	RT	TO STA. 17+84.55	24.41 ft
STA. 19+69.07	19.25 ft	LT	TO STA. 19+69.11	23.77 ft
STA. 25+12.06	21.23 ft	RT	TO STA. 25+79.16	22.89 ft
STA. 33+05.49	21.99 ft	LT	TO STA. 33+20.27	22.16 ft
<b>SANDRON AVENUE</b>				
STA. 92+27.99	1296.00 ft	RT	TO STA. 92+59.34	13.68 ft
<b>SUBTOTAL</b>	<b>115.98</b>		<b>4.52</b>	<b>138.34</b>
<b>TOTAL</b>	<b>116</b>		<b>5</b>	<b>139</b>

ENGINEER'S FIELD OFFICE SCHEDULE	
LOCATION	ENGINEER'S FIELD OFFICE, TYPE A CAL MO
ENTIRE PROJECT	10
<b>SUBTOTAL</b>	<b>10</b>
<b>TOTAL</b>	<b>10</b>

MOBILIZATION SCHEDULE	
LOCATION	MOBILIZATION L. SUM
ENTIRE PROJECT	1
<b>SUBTOTAL</b>	<b>1</b>
<b>TOTAL</b>	<b>1</b>

TRAFFIC CONTROL AND PROTECTION SCHEDULE	
LOCATION	TRAFFIC CONTROL AND PROTECTION L. SUM
ENTIRE PROJECT	1
<b>SUBTOTAL</b>	<b>1</b>
<b>TOTAL</b>	<b>1</b>

TRAFFIC CONTROL SURVEILLANCE SCHEDULE	
LOCATION	TRAFFIC CONTROL SURVEILLANCE CAL DA
ENTIRE PROJECT	100
<b>SUBTOTAL</b>	<b>100</b>
<b>TOTAL</b>	<b>100</b>

CONSTRUCTION LAYOUT SCHEDULE	
LOCATION	CONSTRUCTION LAYOUT L. SUM
ENTIRE PROJECT	1
<b>SUBTOTAL</b>	<b>1</b>
<b>TOTAL</b>	<b>1</b>

TRAINEES SCHEDULE	
LOCATION	TRAINEES HOUR
PROJECT SITE	500
<b>SUBTOTAL</b>	<b>500</b>
<b>TOTAL</b>	<b>500</b>

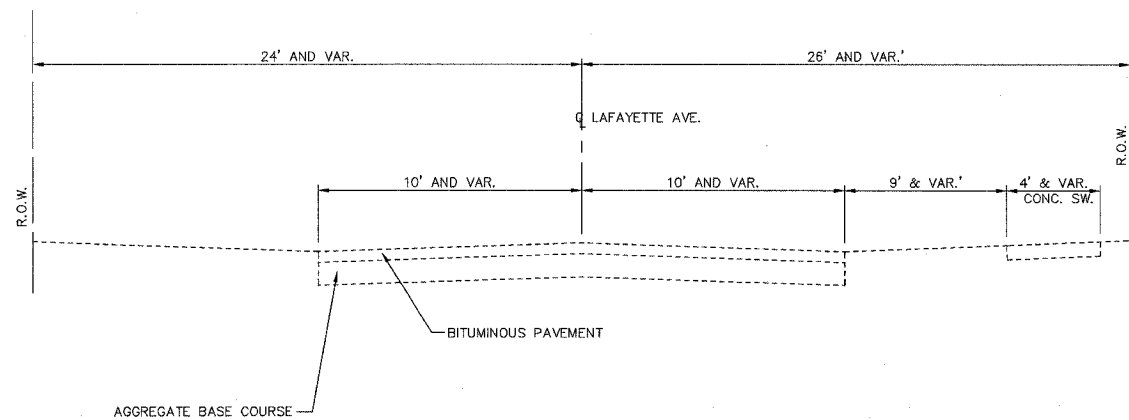
SANITARY SCHEDULE		
LOCATION	SANITARY MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID EA	SANITARY SEWER SERVICE REMOVAL AND REPLACEMENT FT
<b>LAFAYETTE AVENUE</b>		
STA. 13+11.61	1.58	LT
STA. 15+85.56	1.31	LT
STA. 13+90.00		LT
STA. 15+20.00		LT
STA. 16+99.58	0.16	RT
STA. 20+03.47	0.58	RT
STA. 16+20.00		LT
STA. 17+30.00		LT
STA. 18+40.00		LT
STA. 19+50.00		LT
STA. 19+90.00		LT
STA. 20+50.00		LT
STA. 21+05.00		LT
STA. 21+50.00		LT
STA. 23+19.76	3.60	RT
STA. 26+36.17	5.64	RT
STA. 22+40.00		LT
STA. 23+85.00		LT
STA. 24+70.00		LT
STA. 29+36.90	4.78	RT
STA. 30+09.06	3.60	RT
STA. 32+16.25	3.70	RT
STA. 34+49.09	4.57	RT
<b>SUBTOTAL</b>	<b>10</b>	<b>319</b>
<b>TOTAL</b>	<b>10</b>	<b>319</b>

PERMANENT THERMOPLASTIC PAVEMENT MARKING SCHEDULE			
LOCATION	THERMOPLASTIC PAVEMENT MARKING - LINE 4" FT	THERMOPLASTIC PAVEMENT MARKING - LINE 8" FT	THERMOPLASTIC PAVEMENT MARKING - LINE 24" FT
<b>LAFAYETTE AVENUE</b>			
STA. 10+00.00 TO STA. 16+00.00		325.4	69.0
STA. 16+00.00 TO STA. 22+00.00		166.1	26.4
STA. 22+00.00 TO STA. 28+00.00		150.1	24.1
STA. 28+00.00 TO STA. 34+00.00		233.1	36.3
STA. 34+00.00 TO STA. 34+86.00		0.0	0.0
STA. 10+38.50 TO STA. 34+86.04	611.9		
<b>RUSTY LANE</b>			
STA. 60+00.00 TO STA. 61+56.17	34.0		12.0
<b>SANDRON AVENUE</b>			
STA. 90+13.00 TO STA. 94+16.94	104.0		12.0
<b>SUBTOTAL</b>	<b>611.9</b>	<b>874.6</b>	<b>155.7</b>
<b>TOTAL</b>	<b>612</b>	<b>875</b>	<b>156</b>

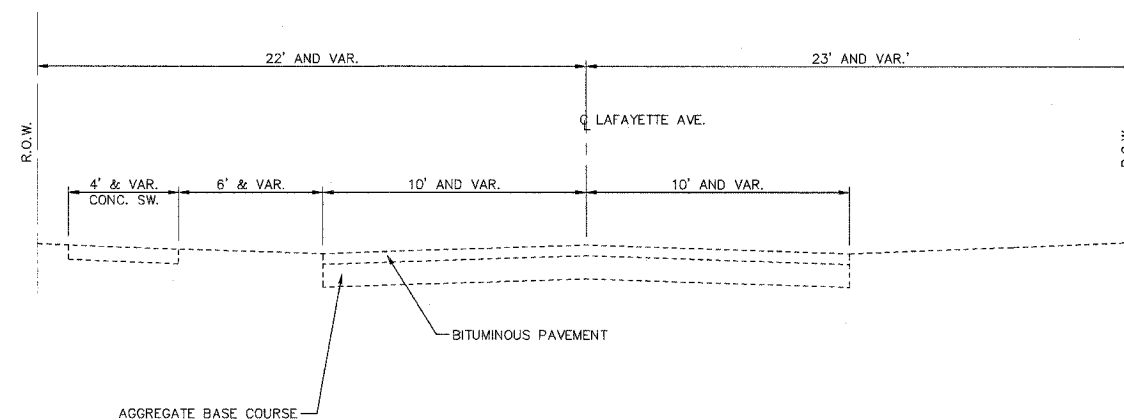
DETECTABLE WARNING SCHEDULE	
LOCATION	DETECTABLE WARNINGS SQ FT
<b>LAFAYETTE AVENUE</b>	
STA. 10+26	RT
STA. 10+26	LT
STA. 10+34	LT
STA. 10+34	RT
STA. 16+72	RT
STA. 17+25	RT
STA. 20+40	RT
STA. 20+97	RT
STA. 22+92	LT
STA. 23+46	LT
STA. 25+70	RT
STA. 26+20	RT
STA. 29+36	LT
STA. 29+85	RT
STA. 29+95	LT
STA. 30+39	RT
STA. 31+94	RT
STA. 32+40	RT
STA. 33+80	RT
<b>TOTAL</b>	<b>114</b>

TREE SCHEDULE	
LOCATION	TREE, ACER RUBRUM RED SUNSET (RED SUNSET RED MAPLE), 2" CALIPER, BALLED AND BURLAPPED EACH
	8
<b>SUBTOTAL</b>	<b>8</b>
<b>TOTAL</b>	<b>8</b>

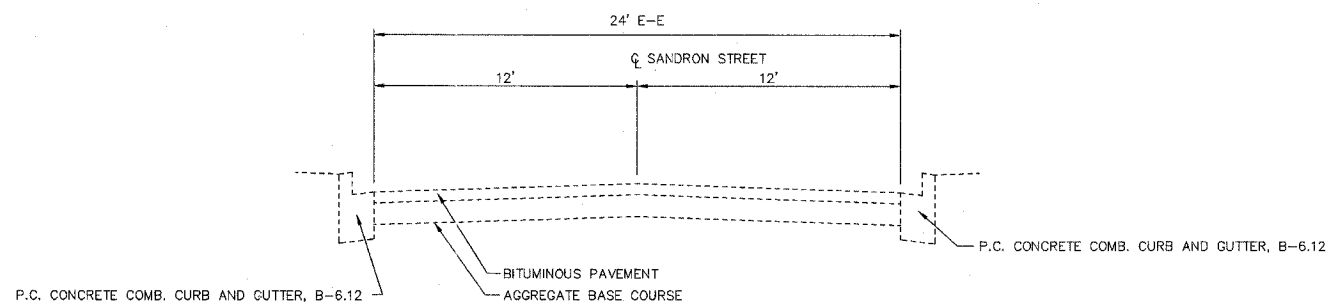
RETAINING WALL SCHEDULE		
LOCATION	MODULAR RETAINING WALL SYSTEM SQ FT	
<b>SANDRON AVENUE</b>		
STA. 90+70.58 TO STA. 91+40.00	LT	
STA. 92+60.00 TO STA. 93+10.71	LT	
<b>SUBTOTAL</b>	<b>587.5</b>	
<b>TOTAL</b>	<b>588</b>	



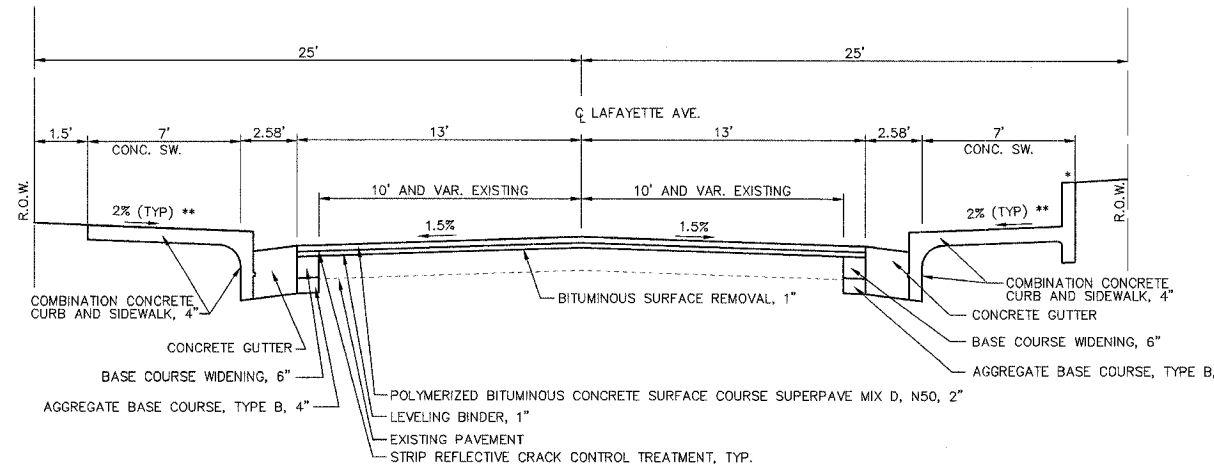
**LAFAYETTE AVE. - EXISTING TYPICAL SECTION**  
 SCALE: N.T.S. LOOKING NORTH  
 STA. 10+00 TO STA. 22+48.03



**LAFAYETTE AVE. - EXISTING TYPICAL SECTION**  
 SCALE: N.T.S. LOOKING NORTH  
 STA. 22+48.03 TO STA. 34+86.05



**SANDRON AVE. - EXISTING TYPICAL SECTION**  
 SCALE: N.T.S. LOOKING EAST



**LAFAYETTE AVE. - TYPICAL SECTION**

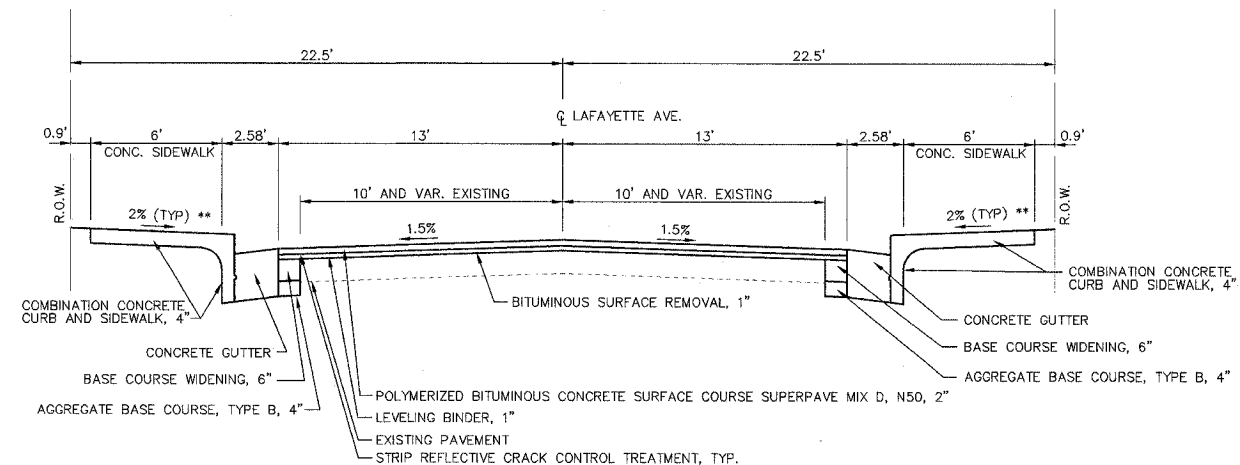
SCALE: N.T.S. LOOKING NORTH

STA. 10+80 TO STA. 12+25  
 STA. 14+25 TO STA. 16+75  
 STA. 17+25 TO STA. 22+00

\* COMBINATION CURB AND GUTTER SIDEWALK, 4" SPECIAL

STA. 10+19.17 TO 10+43.92, RT.  
 STA. 11+63.73 TO STA. 14+84.22  
 STA. 17+17.47 TO STA. 17+83.81

\*\* UNLESS OTHERWISE NOTED ON CROSS SECTIONS

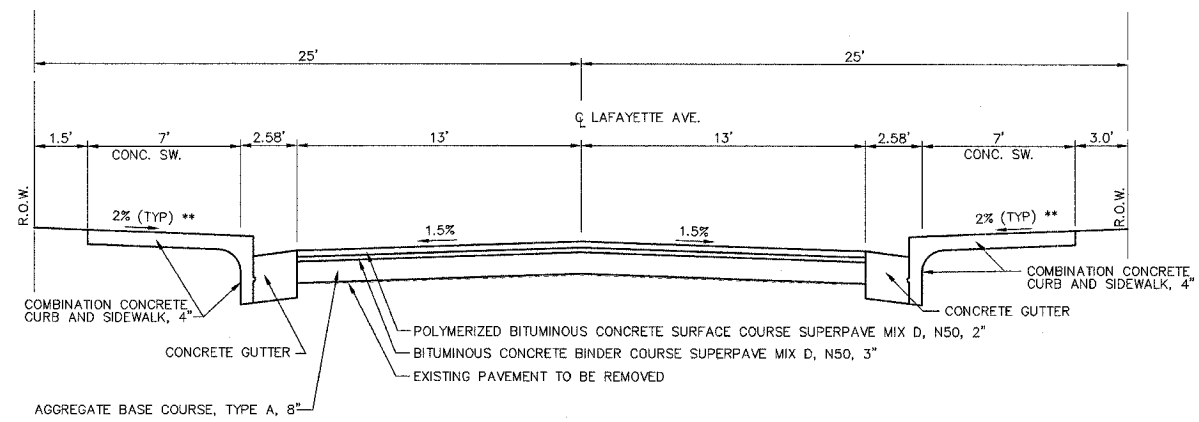


**LAFAYETTE AVE. - TYPICAL SECTION**

SCALE: N.T.S. LOOKING NORTH

STA. 28+00 TO STA. 34+86.05

\*\* UNLESS OTHERWISE NOTED ON CROSS SECTIONS

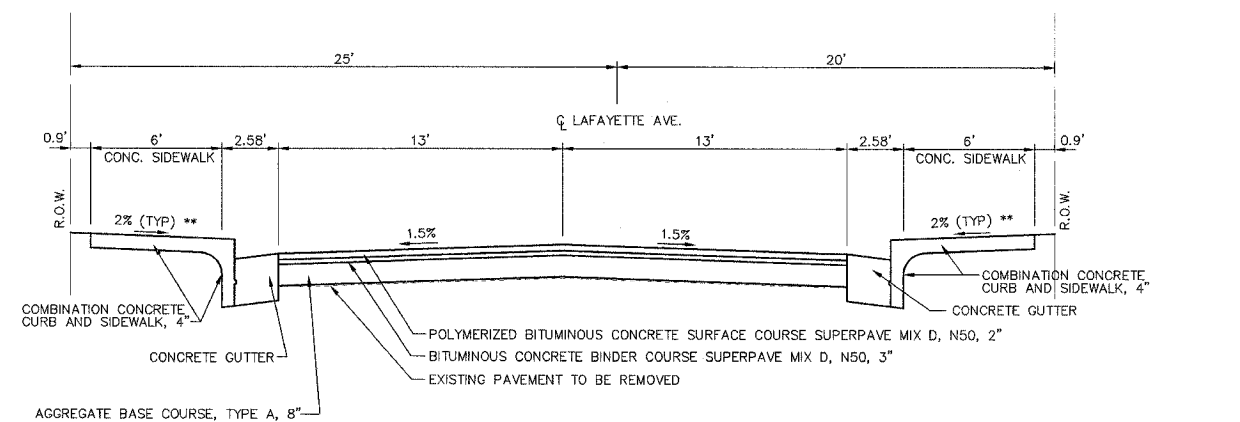


**LAFAYETTE AVE. - TYPICAL SECTION**

SCALE: N.T.S. LOOKING NORTH

STA. 10+19.54 TO STA. 10+80  
 STA. 12+25 TO STA. 14+25  
 STA. 16+75 TO STA. 17+25  
 STA. 22+00 TO STA. 22+58

\*\* UNLESS OTHERWISE NOTED ON CROSS SECTIONS



**LAFAYETTE AVE. - TYPICAL SECTION**

SCALE: N.T.S. LOOKING NORTH

STA. 22+58 TO STA. 28+00

\*\* UNLESS OTHERWISE NOTED ON CROSS SECTIONS

STRUCTURAL DESIGN TRAFFIC:	Year 2016
PV = 2505	SU = 38 MU = 6
ROAD/STREET CLASSIFICATION:	CLASS II
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:	
P = 98.25%	S = 1.5% M = 0.25%
TRAFFIC FACTOR:	ACTUAL TF = 0.06 AC TYPE = AC10
	MINIMUM TF = --
PG GRADE:	BINDER = 58-22 SURFACE = 58-22
SUBGRADE SUPPORT RATING:	SSR = 3.0



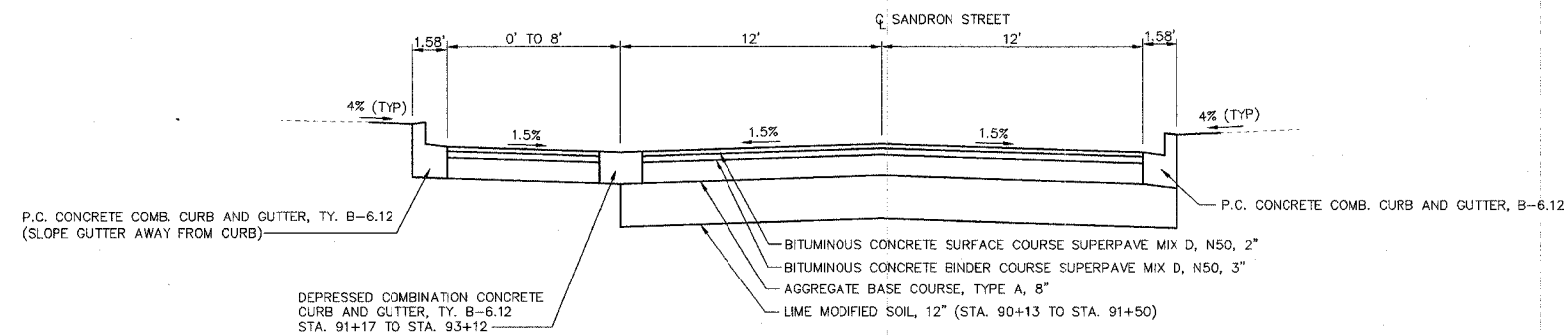
LAFAYETTE AVE.  
 BARTONVILLE IL.

PROPOSED TYPICAL  
 SECTIONS

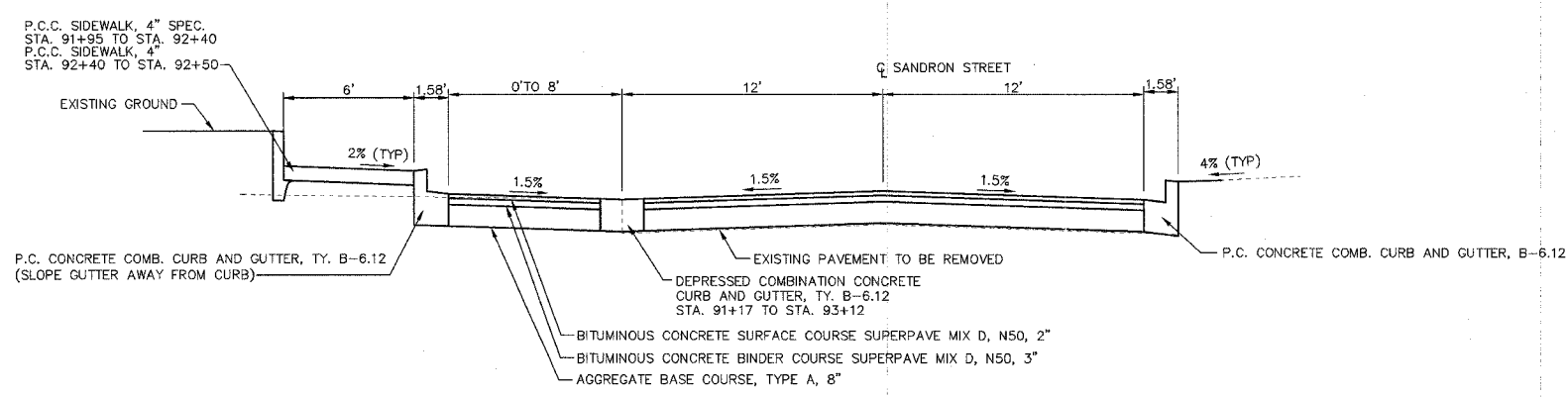
SURVEY	CHECKED	ISSUE DATE
DESIGN	APPROVED	PRELIM. DATE
DRAWN		PROJECT NO.
		84810001

L:\BARTONVILLE.DWG\TYPICALS-PROPOSED.DWG LAYOUT 1.D

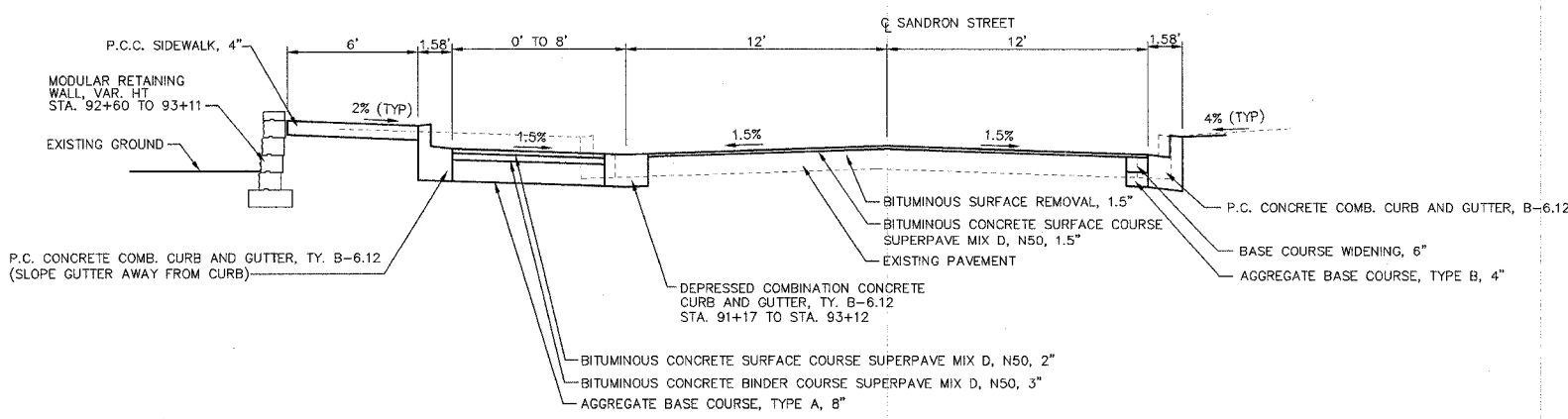




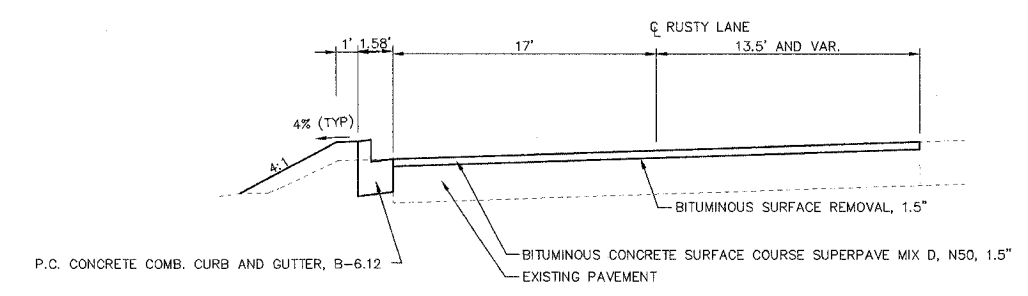
**SANDRON AVE. - TYPICAL SECTION**  
 SCALE: N.T.S. LOOKING EAST  
 STA. 90+13.00 TO STA. 91+95  
 STA. 93+05.80 TO STA. 94+16.94



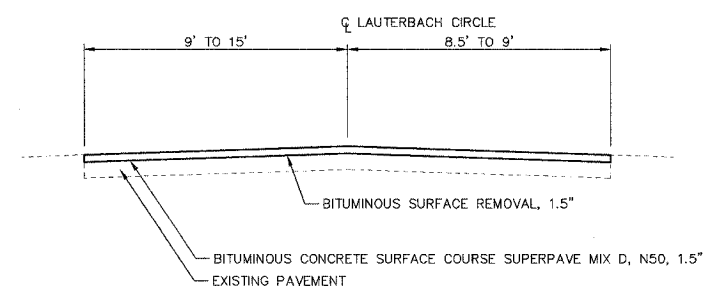
**SANDRON AVE. - TYPICAL SECTION**  
 SCALE: N.T.S. LOOKING EAST  
 STA. 91+95 TO STA. 92+50.00



**SANDRON AVE. - TYPICAL SECTION**  
 SCALE: N.T.S. LOOKING EAST  
 STA. 92+50.00 TO STA. 93+05.80



**RUSTY LANE - TYPICAL SECTION**  
 SCALE: N.T.S. LOOKING EAST



**LAUTERBACH CIR.- TYPICAL SECTION**  
 SCALE: N.T.S. LOOKING EAST

Location	Offset	Left or Right	Owner	Type of Utility	Type of Conflict	Disposition
10+29.40	31.70	Rt.	Village of Bartonville	Sign	Sidewalk	Relocate
10+37.00	9.89	Lt.	Illinois American - Water	Water Valve	Mill / Overlay	Caution / Adjust
10+38.85	20.81	Lt.	Village of Bartonville	Sign	Sidewalk	Relocate
10+44.45	17.52	Lt.	Illinois American - Water	Fire Hydrant	Sidewalk	Relocate
10+67.89	9.91	Lt.	Illinois American - Water	Water Main	Storm Sewer	Caution
10+68.19	7.24	Rt.	AmerenCILCO - Gas	6" Gas Main	Storm Sewer	Caution
11+08.74	20.35	Rt.	Illinois American - Water	Water Valve	Sidewalk / Sidewalk Removal	Caution / Adjust
11+70.51	15.71	Rt.	Village of Bartonville	Sign	Driveway	Relocate
11+98.99	19.92	Rt.	Illinois American - Water	Water Valve	Sidewalk / Sidewalk Removal	Caution / Adjust
12+37.56	14.18	Lt.	AmerenCILCO - Gas	Gas Service	Storm Sewer	Caution
12+43.62	23.25	Lt.	Illinois American - Water	Water Valve	Sidewalk	Caution / Adjust
12+43.63	14.61	Lt.	Illinois American - Water	Water Service	Storm Sewer	Caution
12+71.35	9.83	Lt.	Illinois American - Water	Water Main	Storm Sewer	Relocate
12+71.54	5.77	Rt.	AmerenCILCO - Gas	6" Gas Main	Storm Sewer	Relocate
12+78.25	19.04	Lt.	Village of Bartonville	Sign	Sidewalk	Relocate
12+87.71	19.13	Rt.	Illinois American - Water	Water Valve	Driveway Removal / Driveway	Caution / Adjust
12+89.18	14.25	Lt.	AmerenCILCO - Gas	Gas Service	Storm Sewer	Caution
13+11.61	1.58	Lt.	Peoria San. Dist. - San. Sewer	Manhole	Pavement Removal	Caution / Adjust
14+53.58	19.61	Rt.	Illinois American - Water	Water Valve	Sidewalk / Sidewalk Removal	Caution / Adjust
14+66.63	16.84	Lt.	Village of Bartonville	Sign	Curb and Gutter	Relocate
15+17.88	6.84	Rt.	AmerenCILCO - Gas	6" Gas Main	Storm Sewer	Caution
15+85.56	1.31	Lt.	Peoria San. Dist. - San. Sewer	Manhole	Mill / Overlay	Caution / Adjust
16+24.09	23.91	Rt.	Village of Bartonville	Water Valve	Sidewalk Removal	Caution / Adjust
16+90.80	3.40	Lt.	Village of Bartonville	Water Valve	Pavement Removal	Caution / Adjust
16+99.58	0.16	Rt.	Peoria San. Dist. - San. Sewer	Manhole	Pavement Removal	Caution / Adjust
17+13.21	25.39	Rt.	Village of Bartonville	Sign	Curb and Gutter	Relocate
17+13.49	24.66	Rt.	AmerenCILCO - Gas	Gas Valve	Curb and Gutter	Caution / Adjust
17+24.16	16.11	Lt.	Illinois American - Water	Water Service	Storm Sewer	Caution
17+24.16	17.04	Lt.	Illinois American - Water	Fire Hydrant	Sidewalk	Relocate
18+79.05	8.46	Rt.	AmerenCILCO - Gas	6" Gas Main	Storm Sewer	Relocate
18+98.82	21.30	Rt.	Illinois American - Water	Water Valve	Driveway Removal / Driveway	Caution / Adjust
18+99.31	20.71	Rt.	Illinois American - Water	Water Valve	Driveway Removal / Driveway	Caution / Adjust
19+48.03	7.83	Rt.	AmerenCILCO - Gas	6" Gas Main	Storm Sewer	Relocate
20+03.47	0.58	Rt.	Peoria San. Dist. - San. Sewer	Manhole	Mill / Overlay	Caution / Adjust
20+84.74	30.79	Rt.	Village of Bartonville	Sign	Curb and Gutter	Relocate
21+37.06	10.11	Lt.	Illinois American - Water	Water Main	Storm Sewer	Relocate
21+37.06	7.72	Rt.	AmerenCILCO - Gas	6" Gas Main	Storm Sewer	Relocate
21+82.43	25.09	Lt.	AmerenCILCO - Gas	Gas Valve	Sidewalk Removal	Relocate
21+82.88	13.15	Lt.	Village of Bartonville	Sign	Curb and Gutter	Relocate
21+85.47	23.60	Rt.	Illinois American - Water	Water Valve	Sidewalk Removal	Caution
21+86.07	26.78	Rt.	Illinois American - Water	Water Meter	Sidewalk Removal	Caution / Adjust
22+23.46	18.25	Rt.	Village of Bartonville	Sign	Sidewalk	Relocate
22+51.88	23.70	Rt.	Illinois American - Water	Water Valve	Driveway Removal / Driveway	Caution / Adjust
22+79.70	12.11	Lt.	Village of Bartonville	Sign	Widening	Relocate
22+88.87	23.60	Rt.	Illinois American - Water	Water Valve	Driveway Removal	Caution / Adjust
22+99.71	23.96	Lt.	Village of Bartonville	Sign	Curb and Gutter	Caution
23+02.60	13.65	Rt.	AmerenCILCO - Gas	6" Gas Main	Storm Sewer	Relocate
23+02.60	16.16	Rt.	AmerenCILCO - Gas	24" Gas Main	Storm Sewer	Caution
23+02.88	8.95	Lt.	Illinois American - Water	Water Main	Storm Sewer	Relocate

Location	Offset	Left or Right	Owner	Type of Utility	Type of Conflict	Disposition
23+19.76	3.80	Rt.	Peoria San. Dist. - San. Sewer	Manhole	Pavement Removal	Caution / Adjust
23+35.46	9.10	Lt.	AmerenCILCO - Gas	Gas Service	Storm Sewer	Caution
23+35.60	21.11	Lt.	AmerenCILCO - Gas	Gas Valve	Widening	Caution / Adjust
23+76.20	23.44	Rt.	Illinois American - Water	Water Meter	Driveway	Caution / Adjust
24+76.49	12.71	Rt.	AmerenCILCO - Gas	6" Gas Main	Storm Sewer	Relocate
24+76.53	9.82	Lt.	Illinois American - Water	Water Main	Storm Sewer	Relocate
25+80.41	27.58	Rt.	Illinois American - Water	Fire Hydrant	Sidewalk	Relocate
25+83.63	21.95	Rt.	Illinois American - Water	Water Valve	Curb and Gutter	Relocate
26+14.33	27.92	Rt.	AmerenCILCO - Gas	Gas Valve	Curb and Gutter	Relocate
26+36.17	5.64	Rt.	Peoria San. Dist. - San. Sewer	Manhole	Mill / Overlay	Caution / Adjust
27+00.55	20.62	Rt.	Village of Bartonville	Sign	Sidewalk	Relocate
27+66.92	16.93	Lt.	Illinois American - Water	Water Valve	Sidewalk Removal / Sidewalk	Caution / Adjust
28+04.74	10.83	Rt.	AmerenCILCO - Gas	6" Gas Main	Storm Sewer	Relocate
28+27.48	19.81	Rt.	Illinois American - Water	Water Valve	Driveway Removal / Driveway	Caution / Adjust
28+27.62	5.50	Lt.	Illinois American - Water	Water Service	Storm Sewer	Caution
28+32.84	8.88	Lt.	Illinois American - Water	Water Main	Storm Sewer	Relocate
29+36.90	4.78	Rt.	Peoria San. Dist. - San. Sewer	Manhole	Mill / Overlay	Caution / Adjust
29+84.21	23.18	Lt.	Village of Bartonville	Sign	Curb and Gutter	Relocate
30+09.06	3.60	Rt.	Peoria San. Dist. - San. Sewer	Manhole	Mill / Overlay	Caution / Adjust
30+28.83	62.40	Rt.	AmerenCILCO - Gas	Gas Service	Storm Sewer	Caution
30+29.99	28.27	Rt.	AmerenCILCO - Gas	Gas Service	Storm Sewer	Caution
30+34.18	20.14	Rt.	AmerenCILCO - Gas	Gas Service	Storm Sewer	Caution
30+34.20	29.05	Rt.	AmerenCILCO - Gas	Gas Valve	Curb and Gutter	Caution
30+37.19	13.01	Rt.	AmerenCILCO - Gas	24" Gas Main	Storm Sewer	Caution
30+38.73	9.85	Rt.	AmerenCILCO - Gas	6" Gas Main	Storm Sewer	Caution
30+46.41	7.77	Lt.	Illinois American - Water	Water Main	Storm Sewer	Relocate
31+12.57	14.39	Lt.	AmerenCILCO - Gas	Gas Service	Storm Sewer	Caution
31+12.57	14.39	Lt.	Illinois American - Water	Water Service	Storm Sewer	Caution
31+12.61	22.73	Lt.	Illinois American - Water	Water Valve	Sidewalk Removal / Sidewalk	Caution / Adjust
31+12.89	22.29	Lt.	AmerenCILCO - Gas	Gas Valve	Sidewalk Removal / Sidewalk	Caution / Adjust
31+67.78	9.20	Rt.	AmerenCILCO - Gas	6" Gas Main	Storm Sewer	Relocate
32+09.49	12.44	Rt.	AmerenCILCO - Gas	24" Gas Main	Storm Sewer	Caution
32+09.57	8.96	Rt.	AmerenCILCO - Gas	6" Gas Main	Storm Sewer	Caution
32+09.77	3.70	Rt.	Peoria San. Dist. - San. Sewer	Sanitary Sewer	Storm Sewer	Caution
32+11.94	6.82	Lt.	Illinois American - Water	Water Main	Storm Sewer	Caution
32+15.91	19.91	Lt.	Illinois American - Water	Water Valve	Sidewalk Removal / Sidewalk	Caution / Adjust
32+16.25	3.70	Rt.	Peoria San. Dist. - San. Sewer	Manhole	Mill / Overlay	Caution / Adjust
32+33.90	27.85	Rt.	Illinois American - Water	Water Meter	Curb and Gutter	Relocate
32+35.27	26.28	Rt.	Illinois American - Water	Water Meter	Curb and Gutter	Caution
32+58.04	17.66	Rt.	Illinois American - Water	Water Valve	Sidewalk	Caution / Adjust
32+59.71	17.66	Rt.	Illinois American - Water	Water Valve	Sidewalk	Caution / Adjust
32+68.19	13.00	Lt.	Illinois American - Water	Water Service	Storm Sewer Inlet	Caution
32+72.58	8.70	Rt.	Illinois American - Water	Water Main	Storm Sewer	Relocate
32+76.26	6.56	Lt.	AmerenCILCO - Gas	6" Gas Main	Storm Sewer	Caution
33+20.04	20.46	Lt.	Illinois American - Water	Water Valve	Sidewalk Removal / Sidewalk	Caution / Adjust
33+33.85	15.48	Lt.	Village of Bartonville	Sign	Curb and Gutter	Relocate
34+24.28	16.71	Lt.	Illinois American - Water	Water Valve	Sidewalk Removal / Sidewalk	Caution / Adjust
34+30.28	9.64	Lt.	Illinois American - Water	Water Valve	Mill / Overlay	Caution / Adjust
34+31.16	22.11	Lt.	Illinois American - Water	Fire Hydrant	Sidewalk Removal / Sidewalk	Adjust / Relocate
34+49.09	4.57	Rt.	Peoria San. Dist. - San. Sewer	Manhole	Mill / Overlay	Caution / Adjust
34+51.52	20.81	Lt.	AmerenCILCO - Gas	Gas Valve	Driveway Removal / Driveway	Caution / Adjust
34+82.14	16.85	Lt.	Village of Bartonville	Sign	Sidewalk	Relocate



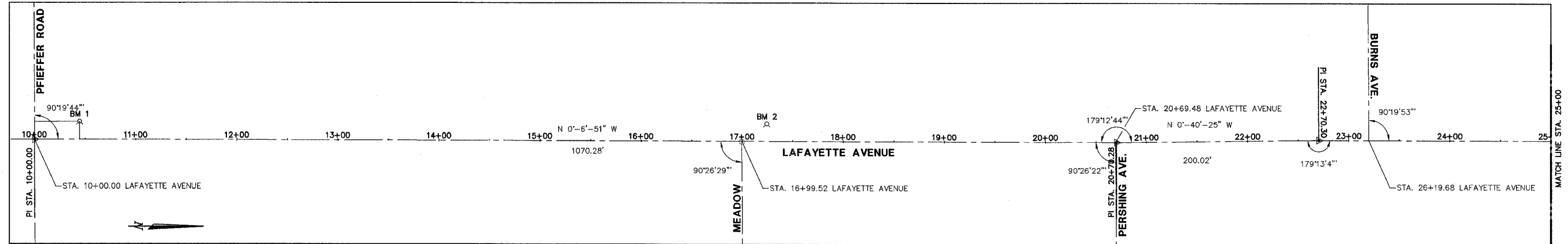
LAFAYETTE AVE.  
BARTONVILLE IL.

STATUS OF UTILITIES

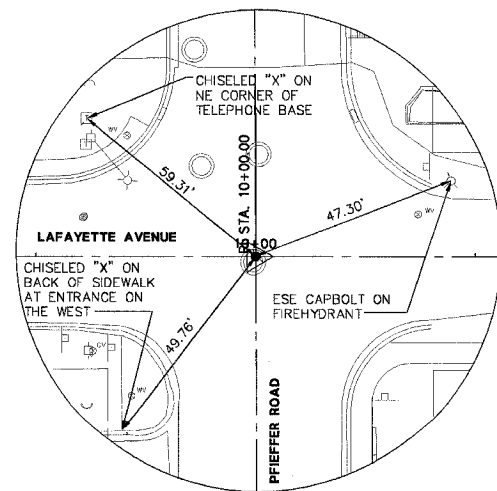
SURVEY	CHECKED	ISSUE DATE
DESIGN	APPROVED	PRELIM. DATE
DRAWN	CSA	PROJECT NO.

### BENCHMARKS

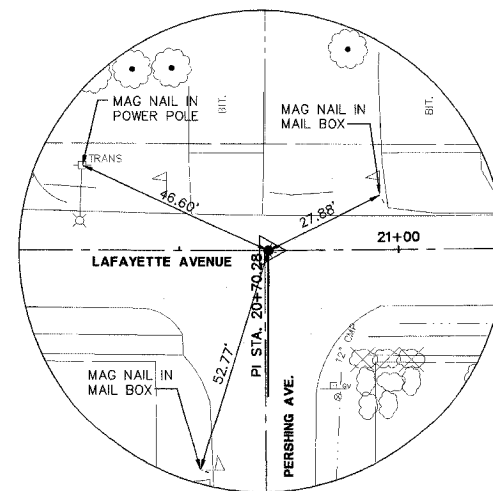
BENCHMARK	DESCRIPTION	ELEVATION	ALIGNMENT	STATION	OFFSET
BM 1	NORTH CAP BOLT OF FIRE HYDRANT AT NORTHWEST QUADRANT OF PFIFFER AND LAFAYETTE	621.79	LAFAYETTE AVE.	10+44.55	LT. 17.52
BM 2	EAST CAP BOLT OF FIRE HYDRANT AT NORTHWEST QUADRANT OF MEADOW AND LAFAYETTE	637.75	LAFAYETTE AVE.	17+24.16	LT. 17.04
BM 3	WEST CAP BOLT OF FIRE HYDRANT AT SOUTHEAST QUADRANT OF WHIPP AND LAFAYETTE	645.25	LAFAYETTE AVE.	25+80.41	RT. 22.58
BM 4	EAST CAP BOLT OF FIRE HYDRANT AT SOUTHWEST QUADRANT OF THE ALLEY AND LAFAYETTE	643.08	LAFAYETTE AVE.	34+31.16	LT. 22.11



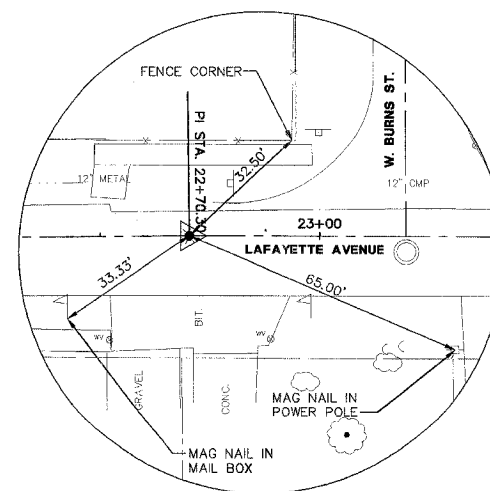
SCALES:  
1" = 50' HOR



P.I. STA. 10+00.00  
(LAFAYETTE)  
MAG NAIL  
N. 2404.86  
E. 4958.91



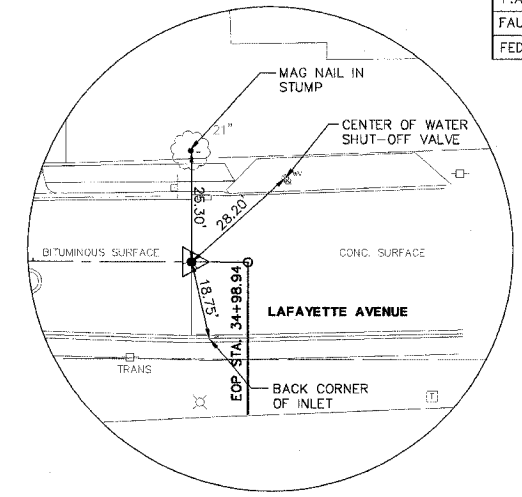
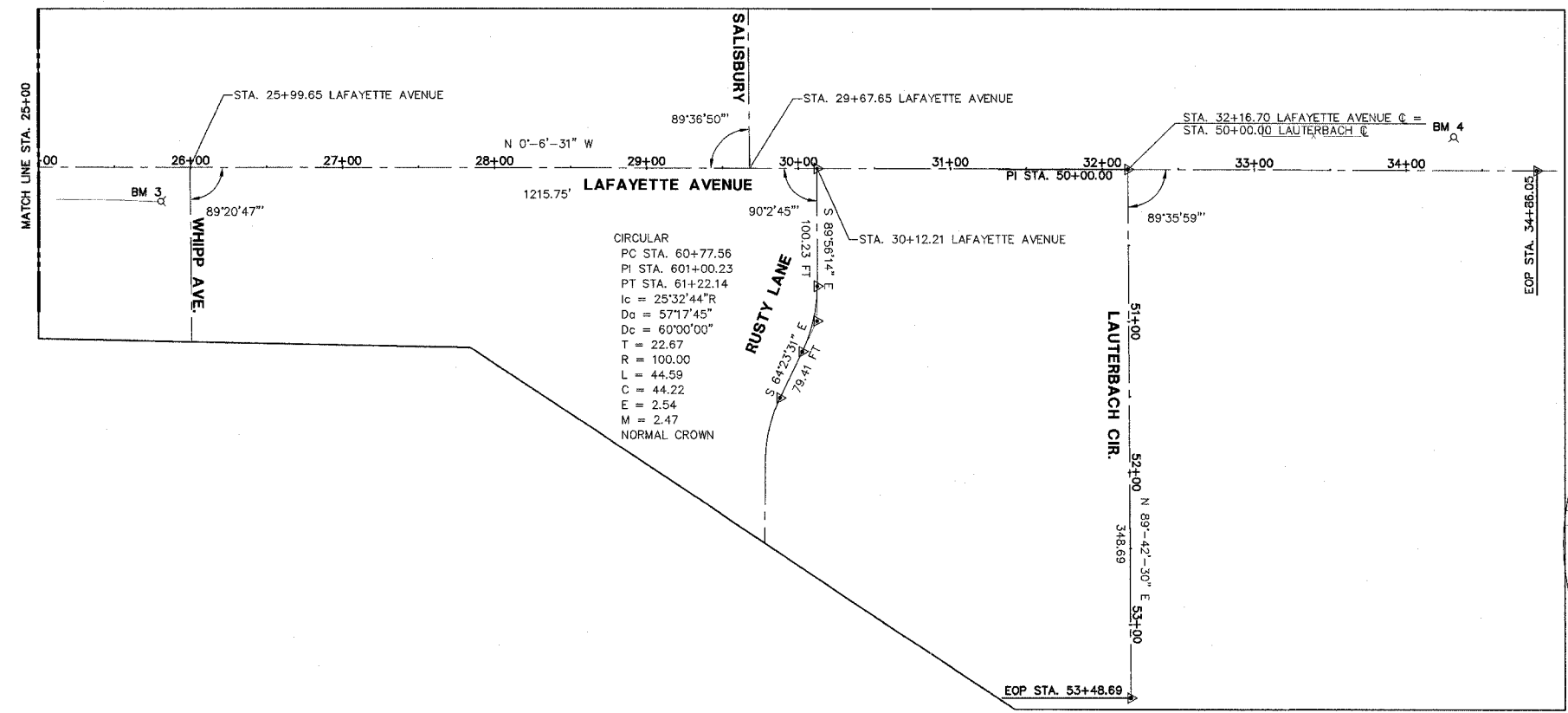
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(LAFAYETTE)  
MAG NAIL  
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E. 4961.04



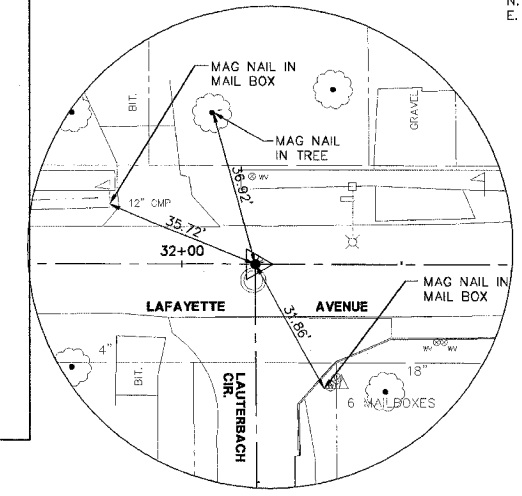
P.I. STA. 22+70.30  
(LAFAYETTE)  
MAG NAIL  
N. 3675.14  
E. 4958.69

F.A. RTE.	SECTION	COUNTY	CONTRACT NO.
FAU 6579	02-00065-00-PV	PEORIA	89358
FED. RD. DIST. NO.	ILLINOIS	PROJECT NO.	M 503 102

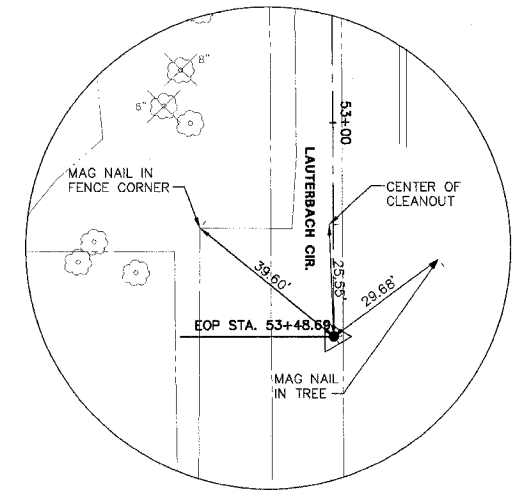
SCALES:  
1" = 50' HOR



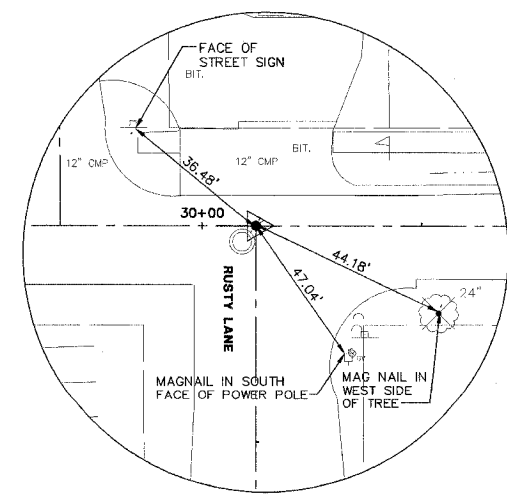
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(LAFAYETTE)  
MAG NAIL  
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E. 4961.00



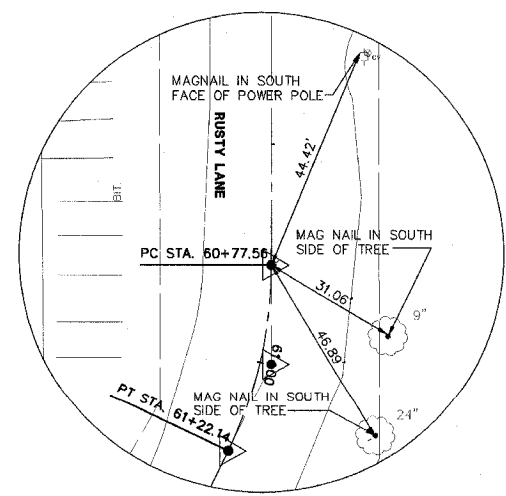
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(LAUTERBACH)  
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E. 4960.48



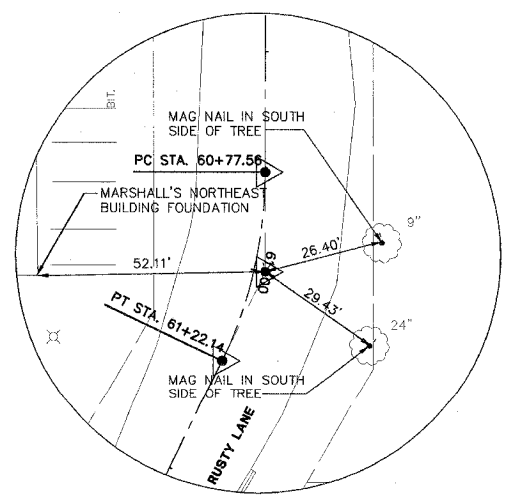
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(LAUTERBACH)  
MAG NAIL  
N. 4623.31  
E. 5309.17



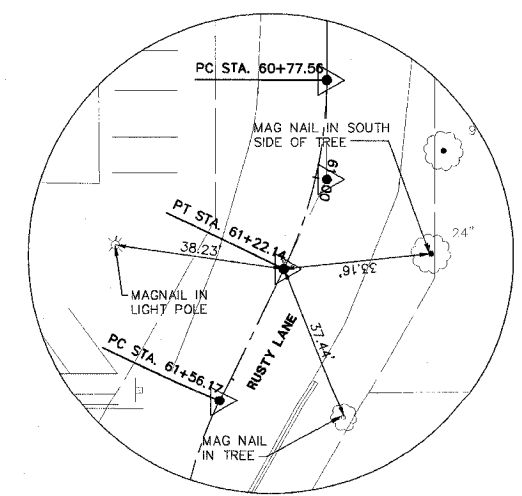
P.I. 60+00.00  
(RUSTY)  
MAG NAIL  
N. 4417.05  
E. 4960.10



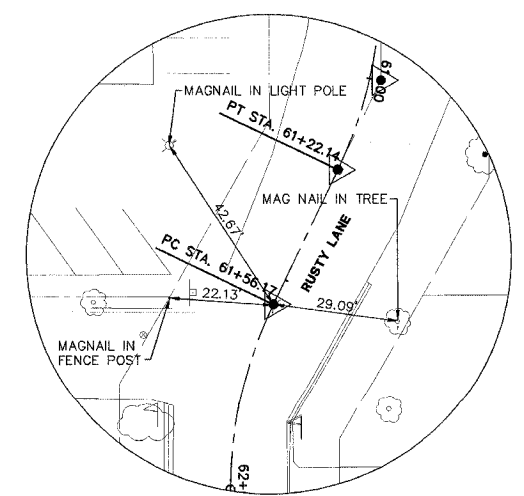
PC STA. 60+77.56  
(RUSTY)  
MAG NAIL  
N. 4416.96  
E. 5037.65



PI STA. 61+00.23  
(RUSTY)  
MAG NAIL  
N. 4416.94  
E. 5060.32



PT STA. 61+22.14  
(RUSTY)  
MAG NAIL  
N. 4407.14  
E. 5080.77



P.C. STA. 61+56.17  
(RUSTY)  
MAG NAIL  
N. 4392.43  
E. 5111.45

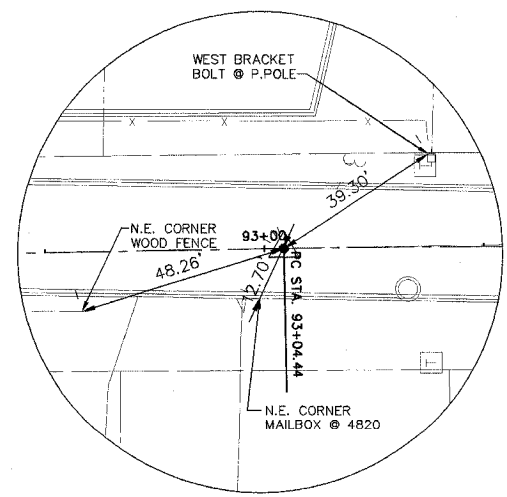
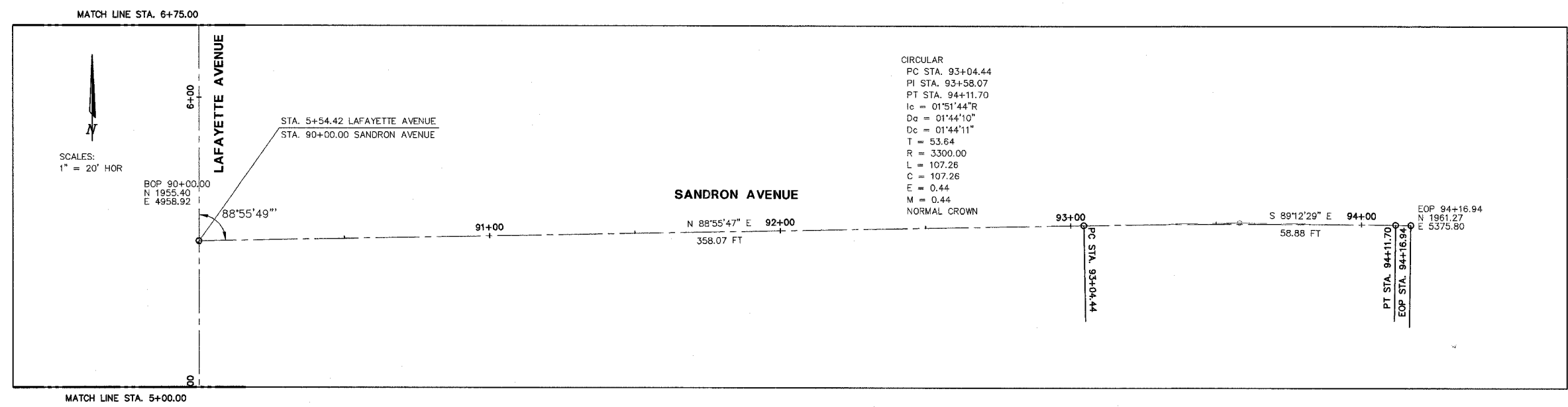
**STS CONSULTANTS**  
111 NE Jefferson Ave.  
Peoria, Illinois 61602  
Ph: (309) 676-8484  
Fax: (309) 676-5445  
IL Design Firm Reg. No. 184-001518

LAFAYETTE AVE.  
BARTONVILLE IL.

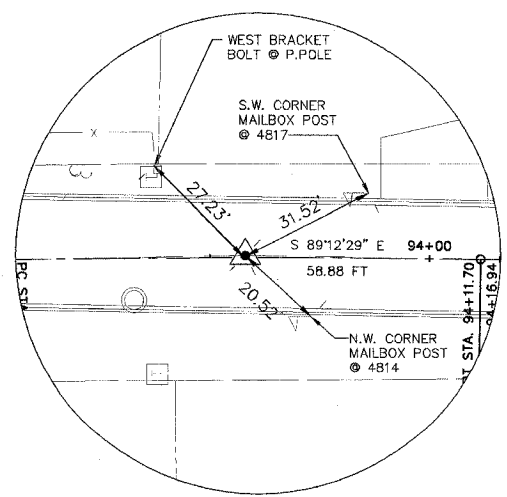
ALIGNMENT, TIES  
AND BENCHMARKS  
LAFAYETTE AVE.

SURVEY	CHECKED	ISSUE DATE
DESIGN	APPROVED	PRELIM. DATE
DRAWN	CSA	PROJECT NO.
		BART0001

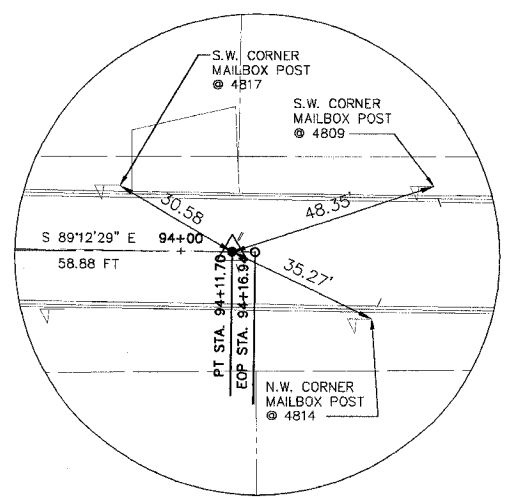
SHEET  
**12**  
OF  
**83**



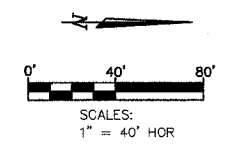
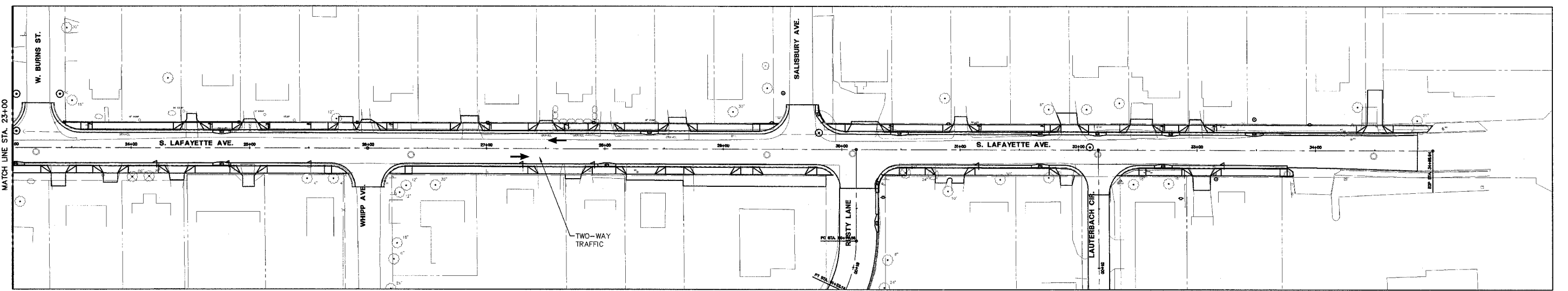
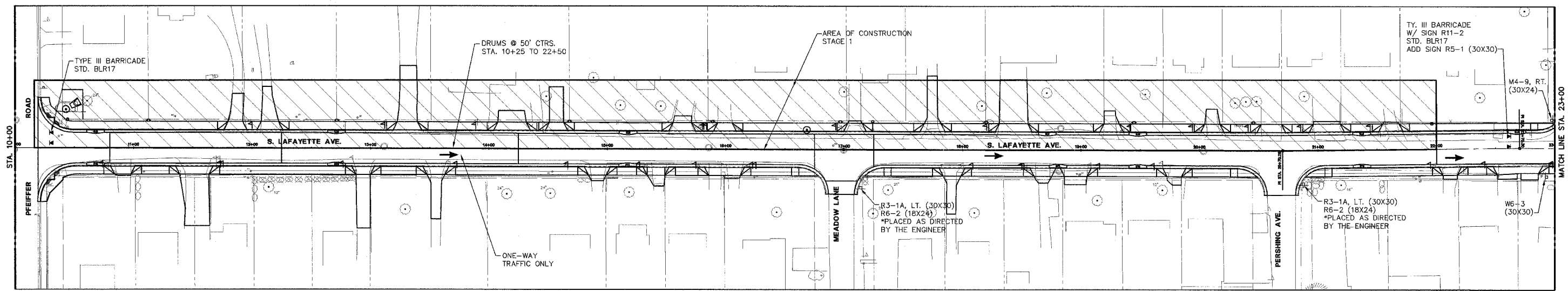
PC STA. 93+04.44  
 (SANDRON)  
 PK NAIL  
 N. 1961.09  
 E. 5263.30



PI STA. 93+58.07  
 (SANDRON)  
 PK NAIL  
 N. 1962.09  
 E. 5316.93



PT STA. 94+11.70  
 (SANDRON)  
 PK NAIL  
 N. 1961.35  
 E. 5370.56



**GENERAL NOTES**

- ALL TRAFFIC CONTROL DEVICES INCLUDING SIGNS, CHANNELIZING DEVICES, TEMPORARY PAVEMENT MARKINGS AND LIGHTING DEVICES ALONG WITH THE PLAN TO MAINTAIN TRAFFIC DURING CONSTRUCTION SHALL CONFORM TO THE APPLICABLE PORTIONS OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS", "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", "STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL DEVICES", "HIGHWAY STANDARDS" AND OTHER APPLICABLE IDOT MANUALS AND POLICIES.
- ACCESS TO ENTRANCES AND LOCAL ROADS WITHIN THE PROJECT AREA WILL BE MAINTAINED AT ALL TIMES, UNLESS OTHERWISE SPECIFIED IN TRAFFIC NOTES.

**STAGE 1**

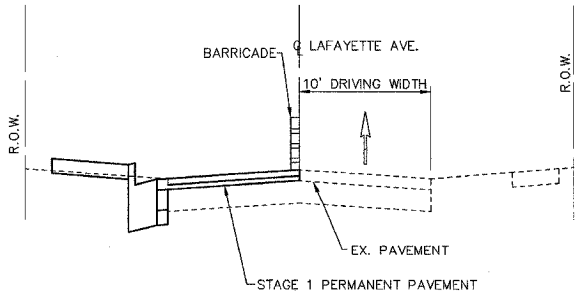
LT SIDE OF LAFAYETTE STA. 10+19.54 TO STA. 22+00

**CONSTRUCTION**

- INSTALL TRAFFIC CONTROL DEVICES AS SHOWN.
- REMOVE EXISTING PAVEMENT; LT. SIDE (AS REQUIRED).
- INSTALL STORM SEWER AND DRAINAGE.
- CONSTRUCT CURB AND GUTTER, PAVEMENT, SIDEWALK AND DRIVEWAYS.

**TRAFFIC**

- MAINTAIN ONE-LANE, ONE-WAY TRAFFIC FROM PFEIFFER ROAD TO W. BURNS ST.
- USE HWY. STD. 701501 ON PFEIFFER FROM BOTH DIRECTIONS. ADD SIGN W1-6 (36X18) TO THE ONE LANE ROAD AHEAD' SIGN.
- USE HWY. STD. 701501 ON LAFAYETTE APPROACHING W. BURNS. SUBSTITUTE SIGN W20-3 FOR W20-4.
- NORMAL TWO-WAY TRAFFIC FROM W. BURNS TO END OF PROJECT.



**TRAFFIC CONTROL**

- 701501
- 701801
- 702001
- BLR17

**LAFAYETTE AVE. - STAGE 1**

SCALE: N.T.S. LOOKING NORTH  
STA. 10+19.54 TO STA. 22+00.00

**STAGE 1**

**STS CONSULTANTS**  
111 NE Jefferson Ave.  
Peoria, Illinois 61602  
Ph: (309) 676-8484  
Fax: (309) 676-5445  
IL Design Firm Reg. No. 184-001518

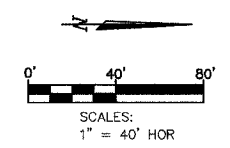
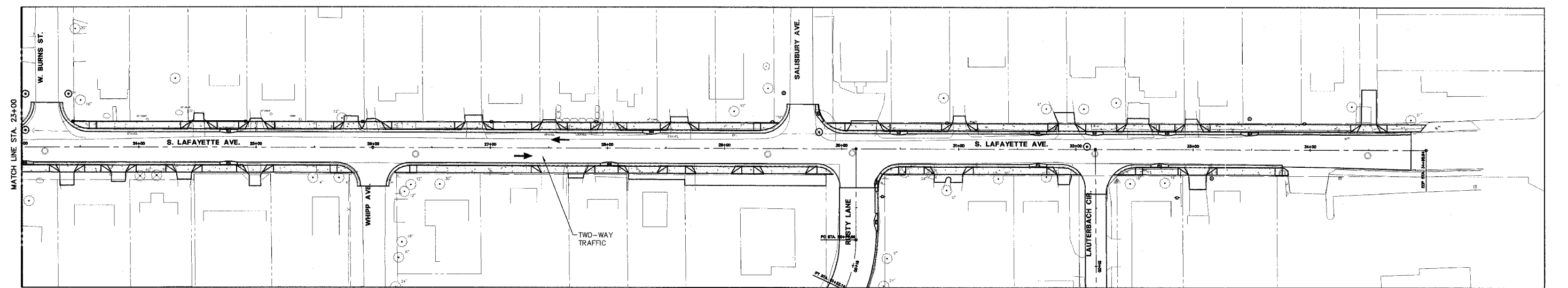
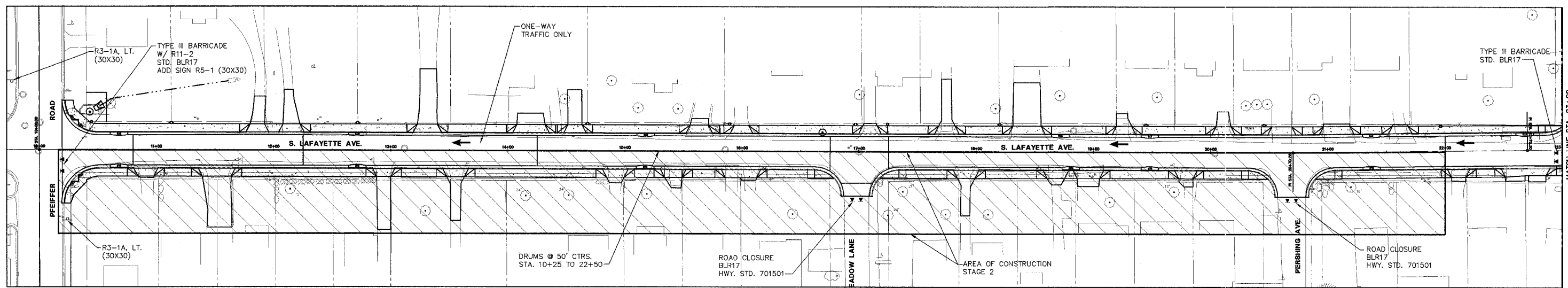
**LAFAYETTE AVE.  
BARTONVILLE IL.**

**CONSTRUCTION STAGING  
AND MAINTENANCE  
OF TRAFFIC**

SURVEY	CHECKED	ISSUE DATE
DESIGN	APPROVED	PRELIM. DATE
DRAWN		PROJECT NO.
		BART0001

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OF  
**83**

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**GENERAL NOTES**

1. ALL TRAFFIC CONTROL DEVICES INCLUDING SIGNS, CHANNELIZING DEVICES, TEMPORARY PAVEMENT MARKINGS AND LIGHTING DEVICES ALONG WITH THE PLAN TO MAINTAIN TRAFFIC DURING CONSTRUCTION SHALL CONFORM TO THE APPLICABLE PORTIONS OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS", "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", "STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL DEVICES", "HIGHWAY STANDARDS" AND OTHER APPLICABLE IDOT MANUALS AND POLICIES.
2. ACCESS TO ENTRANCES AND LOCAL ROADS WITHIN THE PROJECT AREA WILL BE MAINTAINED AT ALL TIMES, UNLESS OTHERWISE SPECIFIED IN TRAFFIC NOTES.

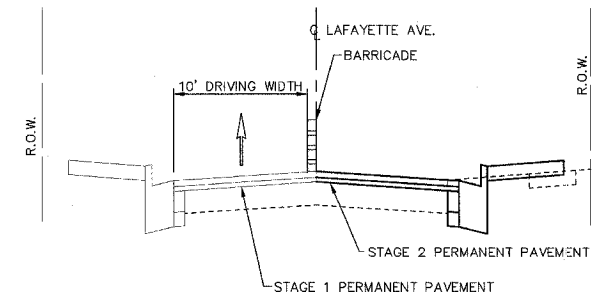
**STAGE 2**  
RT. SIDE OF LAFAYETTE STA. 10+19.54 TO STA. 22+00

**CONSTRUCTION**

1. INSTALL TRAFFIC CONTROL DEVICES AS SHOWN.
2. REMOVE EXISTING PAVEMENT; RT. SIDE (AS REQUIRED).
3. INSTALL STORM SEWER AND DRAINAGE.
4. CONSTRUCT CURB AND GUTTER, PAVEMENT, SIDEWALK AND DRIVEWAYS.
5. COMPLETE PERMANENT PAVEMENT MARKINGS.

**TRAFFIC**

1. MAINTAIN ONE-LANE, ONE-WAY TRAFFIC FROM PFEIFFER ROAD TO W. BURNS ST.
2. USE HWY. STD. 701501 ON PFEIFFER FROM BOTH DIRECTIONS. SUBSTITUTE W20-3 FOR W20-4. ADD SIGN W1-6 (36X18) TO THE W20-3. PROVIDE AND INSTALL SIGNS R3-1A (LT) (RT) TO BE PLACED ON PFEIFFER ROAD EACH SIDE OF LAFAYETTE.
3. USE HWY. STD. 701501 ON LAFAYETTE APPROACHING W. BURNS.
4. CLOSE MEADOW LANE AND PERSHING AVE. @ LAFAYETTE, USE TRAFFIC CONTROL 701501.



**LAFAYETTE AVE. - STAGE 2**

SCALE: N.T.S. LOOKING NORTH  
STA. 10+19.54 TO STA. 22+00.00

**TRAFFIC CONTROL**

- 701501
- 701801
- 702001
- BLR17

**STAGE 2**

**STS CONSULTANTS**  
111 NE Jefferson Ave.  
Peoria, Illinois 61602  
Ph (309) 678-8484  
Fax (309) 678-5445  
E-Design Firm Reg. No. 184-001518

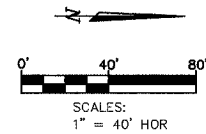
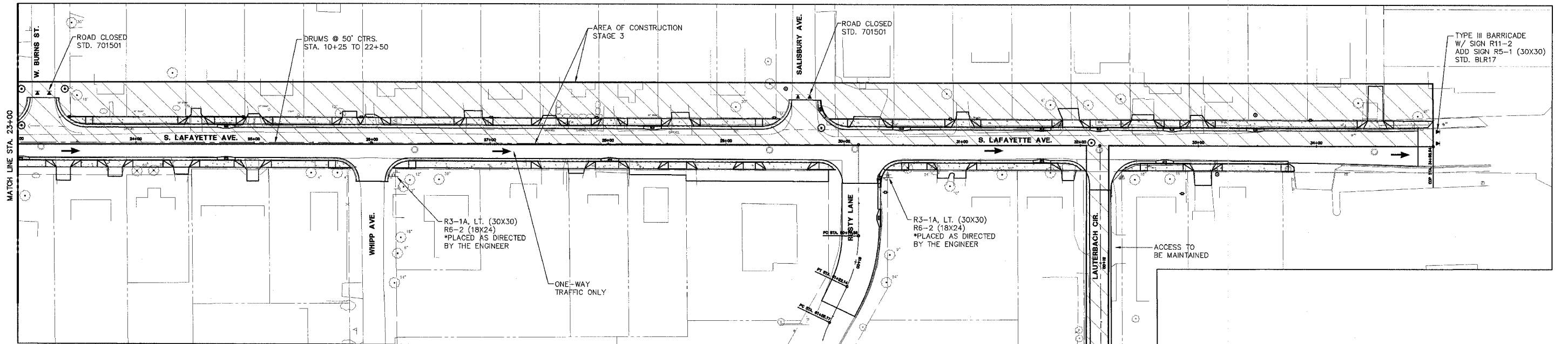
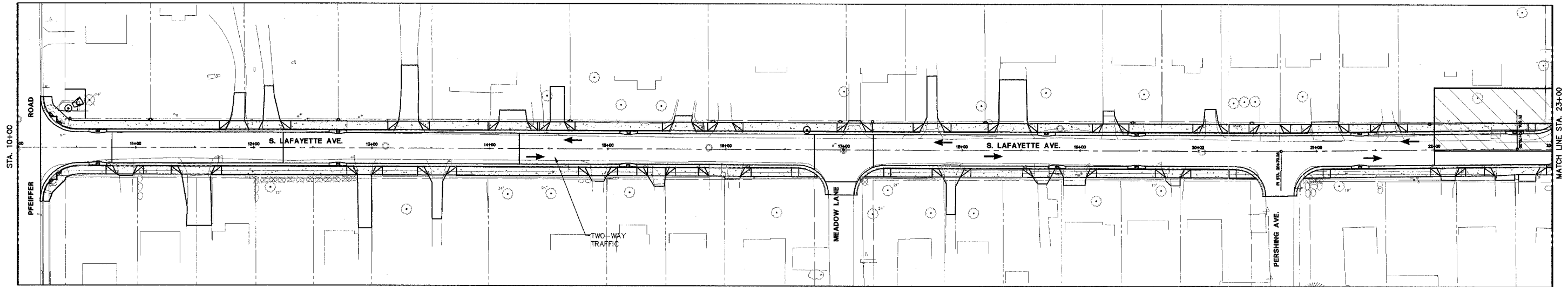
**LAFAYETTE AVE.  
BARTONVILLE IL.**

**CONSTRUCTION STAGING  
AND MAINTENANCE  
OF TRAFFIC**

SURVEY	CHECKED	ISSUE DATE
DESIGN	APPROVED	PRELIM. DATE
DRAWN		PROJECT NO.
		BART0001

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**15**  
OF  
**83**

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**GENERAL NOTES**

- ALL TRAFFIC CONTROL DEVICES INCLUDING SIGNS, CHANNELIZING DEVICES, TEMPORARY PAVEMENT MARKINGS AND LIGHTING DEVICES ALONG WITH THE PLAN TO MAINTAIN TRAFFIC DURING CONSTRUCTION SHALL CONFORM TO THE APPLICABLE PORTIONS OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS", "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", "STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL DEVICES", "HIGHWAY STANDARDS" AND OTHER APPLICABLE IDOT MANUALS AND POLICIES.
- ACCESS TO ENTRANCES AND LOCAL ROADS WITHIN THE PROJECT AREA WILL BE MAINTAINED AT ALL TIMES, UNLESS OTHERWISE SPECIFIED IN TRAFFIC NOTES.

**STAGE 3**

LT. SIDE OF LAFAYETTE FROM STA. 22+00 TO STA. 34+98.94

**CONSTRUCTION**

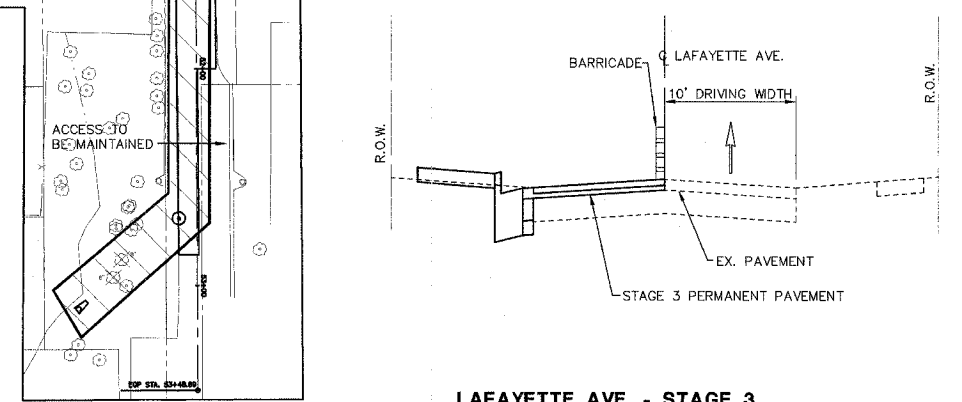
- INSTALL TRAFFIC CONTROL DEVICES AS SHOWN.
- REMOVE EXISTING PAVEMENT; LT. SIDE (AS REQUIRED).
- INSTALL STORM SEWER AND DRAINAGE.
- CONSTRUCT CURB AND GUTTER, PAVEMENT, SIDEWALK AND DRIVEWAYS.
- BEGIN CONSTRUCTION ON LAUTERBACH CIR. STAGE CONSTRUCT LAUTERBACH CIR. TO MAINTAIN ACCESS.

**TRAFFIC**

- REMOVE TRAFFIC CONTROL STD. 701501 FROM PFEIFFER ROAD.
- INSTALL TRAFFIC CONTROL STD. 701501 ON LAFAYETTE NORTH BOUND APPROACHING W. BURNS. MAINTAIN TWO-WAY TRAFFIC FROM PFEIFFER ROAD TO W. BURNS ST.
- MAINTAIN ONE-LANE, ONE-WAY TRAFFIC FROM W. BURNS ST. TO GARFIELD.
- CLOSE W. BURNS AND SALISBURY AVE. @ LAFAYETTE. USE TRAFFIC CONTROL STD. 701501.
- PROVIDE AND INSTALL SIGNS R3-19 (LT.)(RT.) ON GARFIELD EACH SIDE OF LAFAYETTE USE HWY. STD. 701501 ON BOTH DIRECTIONS. SUBSTITUTE W20-3 FOR W20-4, ADD SIGN W1-6 (36X18) TO SIGN W20-3.

**TRAFFIC CONTROL**

- 701501
- 701801
- 702001
- BLR17



**LAFAYETTE AVE. - STAGE 3**

SCALE: N.T.S. LOOKING NORTH

STA. 22+00.00 TO STA. 34+98.94

**STAGE 3**



**LAFAYETTE AVE.  
BARTONVILLE IL.**

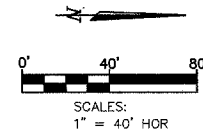
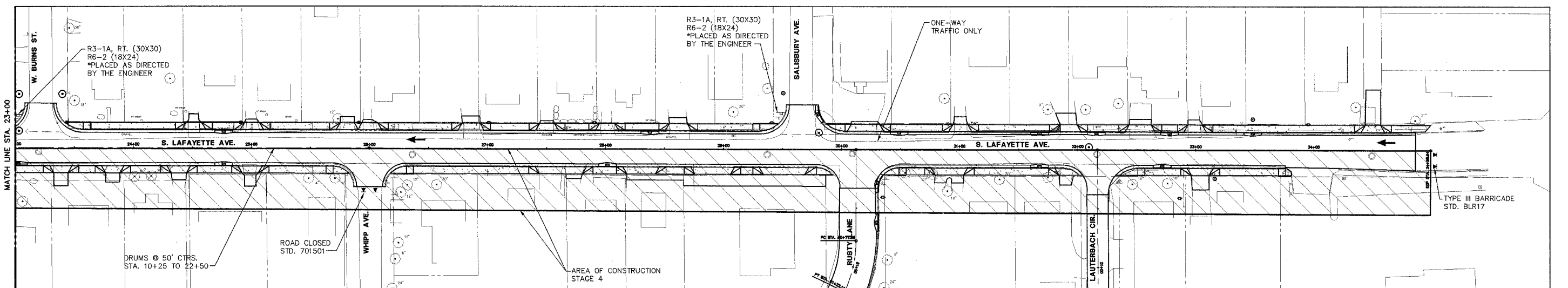
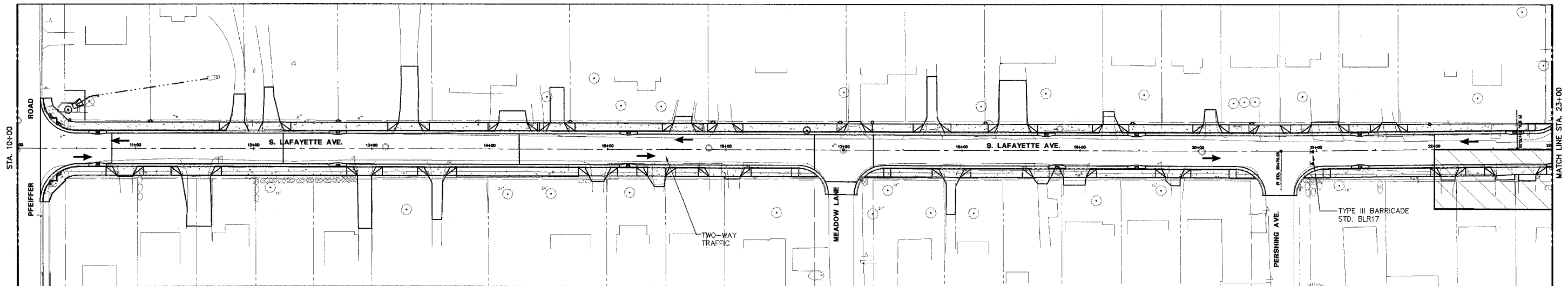
**CONSTRUCTION STAGING  
AND MAINTENANCE  
OF TRAFFIC**

SURVEY	CHECKED	ISSUE DATE
DESIGN	APPROVED	PRELIM. DATE
DRAWN	CSA	PROJECT NO.
		BART0001

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**16**  
OF  
**83**

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**GENERAL NOTES**

- ALL TRAFFIC CONTROL DEVICES INCLUDING SIGNS, CHANNELIZING DEVICES, TEMPORARY PAVEMENT MARKINGS AND LIGHTING DEVICES ALONG WITH THE PLAN TO MAINTAIN TRAFFIC DURING CONSTRUCTION SHALL CONFORM TO THE APPLICABLE PORTIONS OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS", "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", "STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL DEVICES", "HIGHWAY STANDARDS" AND OTHER APPLICABLE IDOT MANUALS AND POLICIES.
- ACCESS TO ENTRANCES AND LOCAL ROADS WITHIN THE PROJECT AREA WILL BE MAINTAINED AT ALL TIMES, UNLESS OTHERWISE SPECIFIED IN TRAFFIC NOTES.

**STAGE 4**

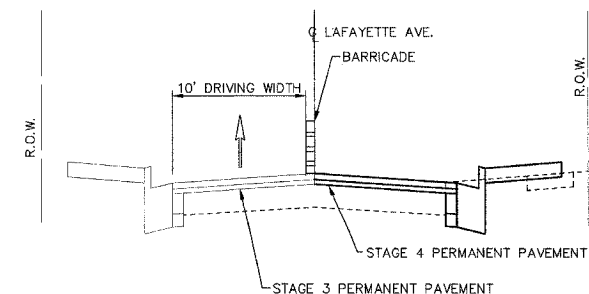
RT. SIDE OF LAFAYETTE FROM STA. 22+00 TO STA. 34+98.94

**CONSTRUCTION**

- INSTALL TRAFFIC CONTROL DEVICES AS SHOWN.
- REMOVE EXISTING PAVEMENT; RT. SIDE (AS REQUIRED).
- INSTALL STORM SEWER AND DRAINAGE.
- CONSTRUCT CURB AND GUTTER, PAVEMENT, SIDEWALK AND DRIVEWAYS.
- COMPLETE CONSTRUCTION ON LAUTERBACH CIR. STAGE CONSTRUCT INTERSECTION WITH LAFAYETTE TO MAINTAIN ACCESS.
- COMPLETE PERMANENT PAVEMENT MARKINGS.

**TRAFFIC**

- MAINTAIN TWO-WAY TRAFFIC ON LAFAYETTE FROM PFEIFFER ROAD TO W. BURNS.
- MAINTAIN ONE LANE, ONE-WAY TRAFFIC SOUTH BOUND ON LAFAYETTE FROM GARFIELD TO W. BURNS.
- CLOSE WHIPP AVE. USE TRAFFIC CONTROL STD. 701501.
- REMOVE SIGNS R3-1A FROM GARFIELD AVE. REPLACE SIGNS W20-3 WITH W20-4. ACCESS TO RUSTY LANE AND LAUTERBACH CIR. TO BE MAINTAINED AT ALL TIMES.



**TRAFFIC CONTROL**

- 701501
- 701801
- 702001
- BLR17

**LAFAYETTE AVE. - STAGE 4**

SCALE: N.T.S. LOOKING NORTH  
STA. 22+00.00 TO STA. 34+98.94



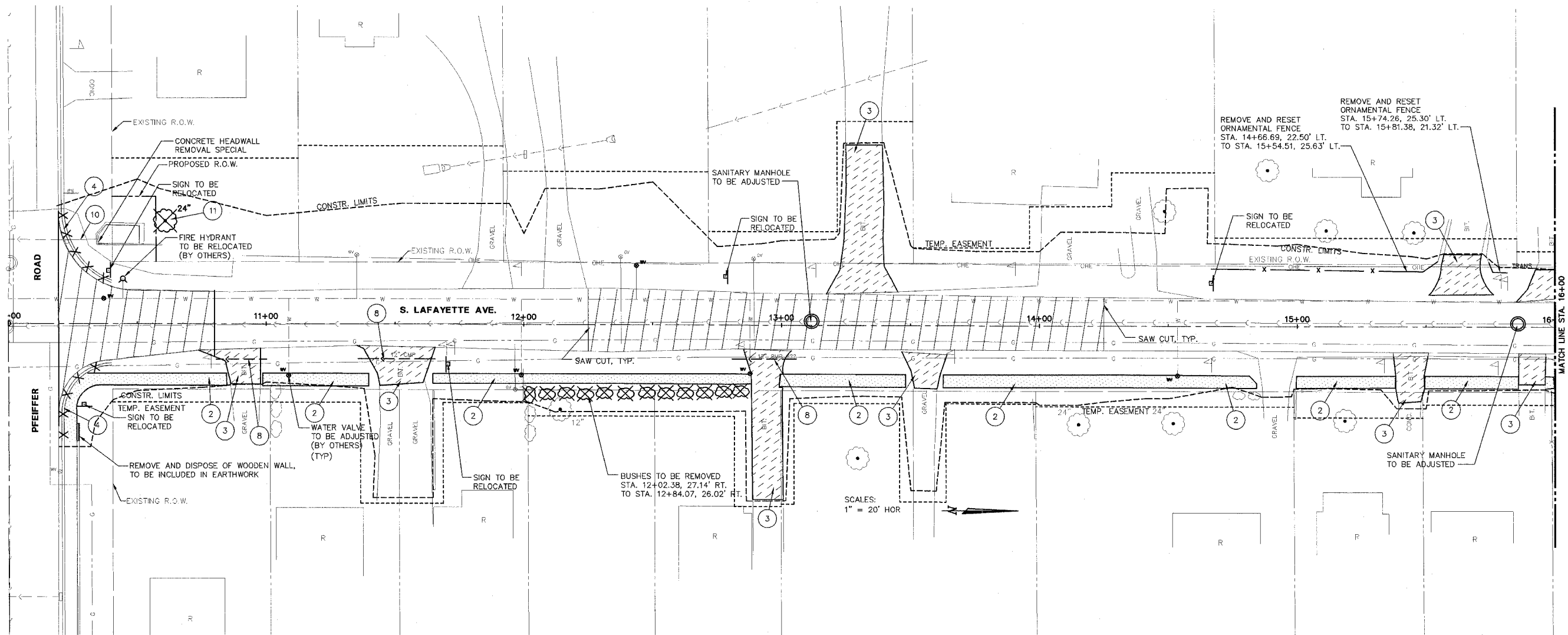
LAFAYETTE AVE.  
BARTONVILLE IL.

CONSTRUCTION STAGING  
AND MAINTENANCE  
OF TRAFFIC

SURVEY	CHECKED	ISSUE DATE
DESIGN	APPROVED	PRELIM. DATE
DRAWN		PROJECT NO.
		BART0001

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**17**  
OF  
**83**

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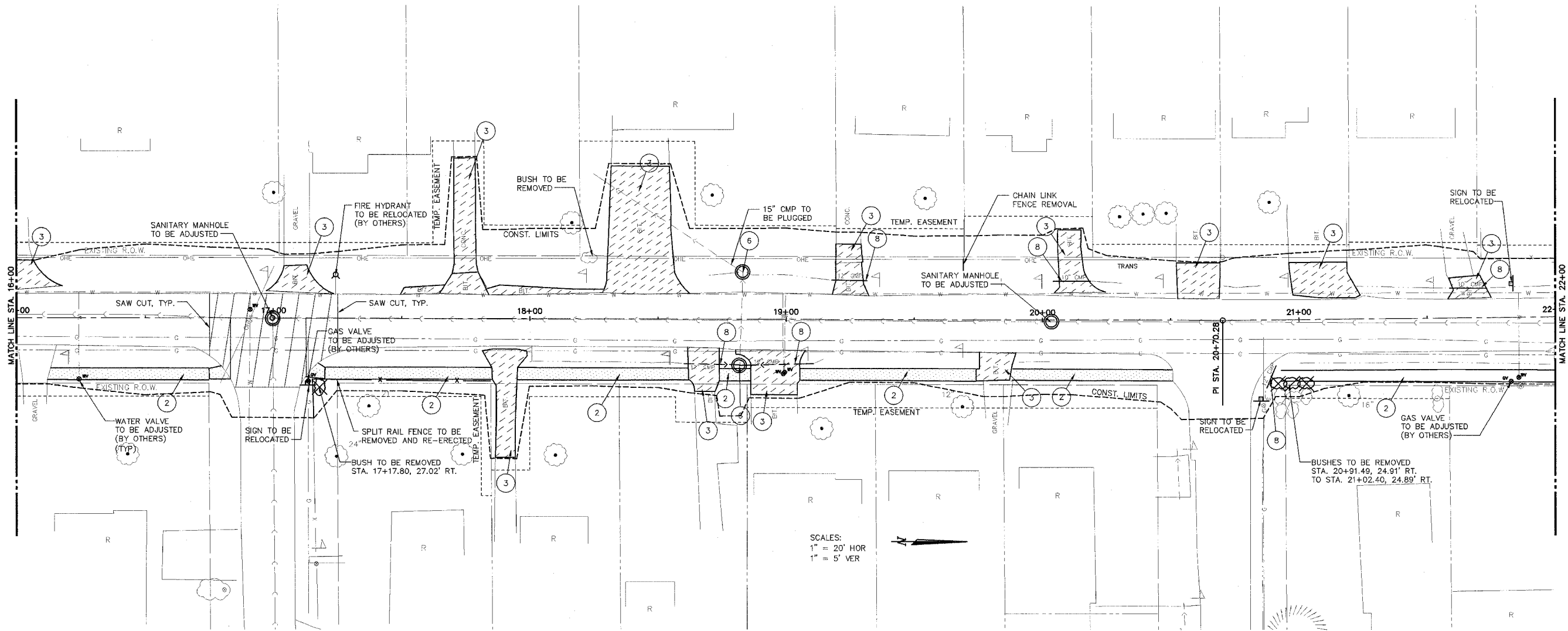


- 1 PAVEMENT REMOVAL  
LT. & RT. STA. 10+19.54 TO STA. 10+80.00  
LT. & RT. STA. 12+25.00 TO STA. 14+25.00
- 2 SIDEWALK REMOVAL  
RT. STA. 10+26.65 TO STA. 10+84.76  
RT. STA. 10+98.66 TO STA. 11+39.78  
RT. STA. 11+64.63 TO STA. 12+88.21  
RT. STA. 12+99.05 TO STA. 13+48.10  
RT. STA. 13+62.61 TO STA. 14+84.24  
RT. STA. 14+99.54 TO STA. 15+37.95  
RT. STA. 15+49.40 TO STA. 15+85.71
- 3 DRIVEWAY PAVEMENT REMOVAL  
RT. STA. 10+91  
RT. STA. 11+52  
RT. STA. 12+95  
LT. STA. 13+31  
RT. STA. 13+56  
RT. STA. 15+44  
LT. STA. 15+64  
RT. STA. 15+91  
LT. STA. 16+00
- 4 COMBINATION CURB AND GUTTER REMOVAL  
RT. STA. 10+20.82 TO RT. STA. 10+40.01  
LT. STA. 10+20.61 TO LT. STA. 10+42.95
- 8 PIPE CULVERT REMOVAL 12"  
RT. STA. 10+80.68 TO STA. 11+00.15  
PIPE CULVERT REMOVAL 12"  
RT. STA. 11+35.62 TO STA. 11+65.61  
PIPE CULVERT REMOVAL 12"  
RT. STA. 12+80.82 TO STA. 13+05.67
- 10 STORM SEWER REMOVAL, 36"  
LT. STA. 10+22.70 TO STA. 10+34.96
- 11 TREE REMOVAL  
STA. 10+60.90, 40.03' LT.

**LEGEND**

- 1 [Hatched Box] PAVEMENT REMOVAL
- 2 [Dotted Box] SIDEWALK REMOVAL
- 3 [Diagonal Lines Box] DRIVEWAY PAVEMENT REMOVAL
- 4 [X-X-X-X] COMBINATION CURB AND GUTTER REMOVAL
- 6 [Circle with X] REMOVE EXISTING MANHOLE
- 8 [Circle with X] PIPE CULVERT REMOVAL
- 9 [Circle with X] RETAINING WALL REMOVAL
- 10 [Circle with X] STORM SEWER REMOVAL
- 11 [Circle with X] TREE REMOVAL
- 12 [Circle with X] REMOVE EXISTING INLET

J:\BART0001\DWG\REMOVAL01.DWG 11.D



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

- |  |   |
|--|---|
| <p>1 PAVEMENT REMOVAL<br/>LT. &amp; RT. STA. 16+75.00 TO STA. 17+25.00</p> <p>2 SIDEWALK REMOVAL<br/>RT. STA. 16+11.73 TO STA. 16+83.20<br/>RT. STA. 17+12.62 TO STA. 17+84.96<br/>RT. STA. 17+95.28 TO STA. 18+61.80<br/>RT. STA. 18+74.13 TO STA. 18+86.02<br/>RT. STA. 19+05.62 TO STA. 19+73.94<br/>RT. STA. 19+88.41 TO STA. 20+50.78<br/>RT. STA. 20+92.80 TO STA. 22+00.00</p> <p>3 DRIVEWAY PAVEMENT REMOVAL<br/>LT. STA. 17+09<br/>LT. STA. 17+74<br/>RT. STA. 17+90<br/>LT. STA. 18+44<br/>RT. STA. 18+68<br/>RT. STA. 18+95<br/>LT. STA. 19+25<br/>RT. STA. 19+82<br/>LT. STA. 20+12<br/>LT. STA. 20+61<br/>LT. STA. 21+10<br/>LT. STA. 21+66</p> | <p>6 REMOVE EXISTING MANHOLE<br/>STA. 18+81.59, 18.01' RT.<br/>STA. 18+82.96, 18.50' LT.</p> <p>FENCE REMOVAL<br/>SPLIT RAIL FENCE TO BE REMOVED AND RE-ERECTED<br/>STA. 17+15.82, 54.27' RT. TO STA. 17+84.55, 24.41' RT.<br/>CHAIN LINK FENCE REMOVAL<br/>STA. 19+69.07, 19.25' LT. TO STA. 19+69.11, 23.77' LT.</p> <p>8 PIPE CULVERT REMOVAL 12"<br/>RT. STA. 18+60.06 TO STA. 18+81.59<br/>PIPE CULVERT REMOVAL 12"<br/>RT. STA. 18+81.59 TO STA. 19+10.60<br/>PIPE CULVERT REMOVAL 12"<br/>LT. STA. 19+17.72 TO STA. 19+31.46<br/>PIPE CULVERT REMOVAL 10"<br/>LT. STA. 20+04.14 TO STA. 20+18.72<br/>PIPE CULVERT REMOVAL 12"<br/>RT. STA. 20+87.10 TO STA. 20+90.86<br/>PIPE CULVERT REMOVAL 10"<br/>LT. STA. 21+58.86 TO STA. 21+73.44</p> <p>10 STORM SEWER REMOVAL, 12"<br/>STA. 18+81.59, 18.01' RT. TO STA. 18+82.96, 18.50' LT.</p> |
|--|---|

**LEGEND**

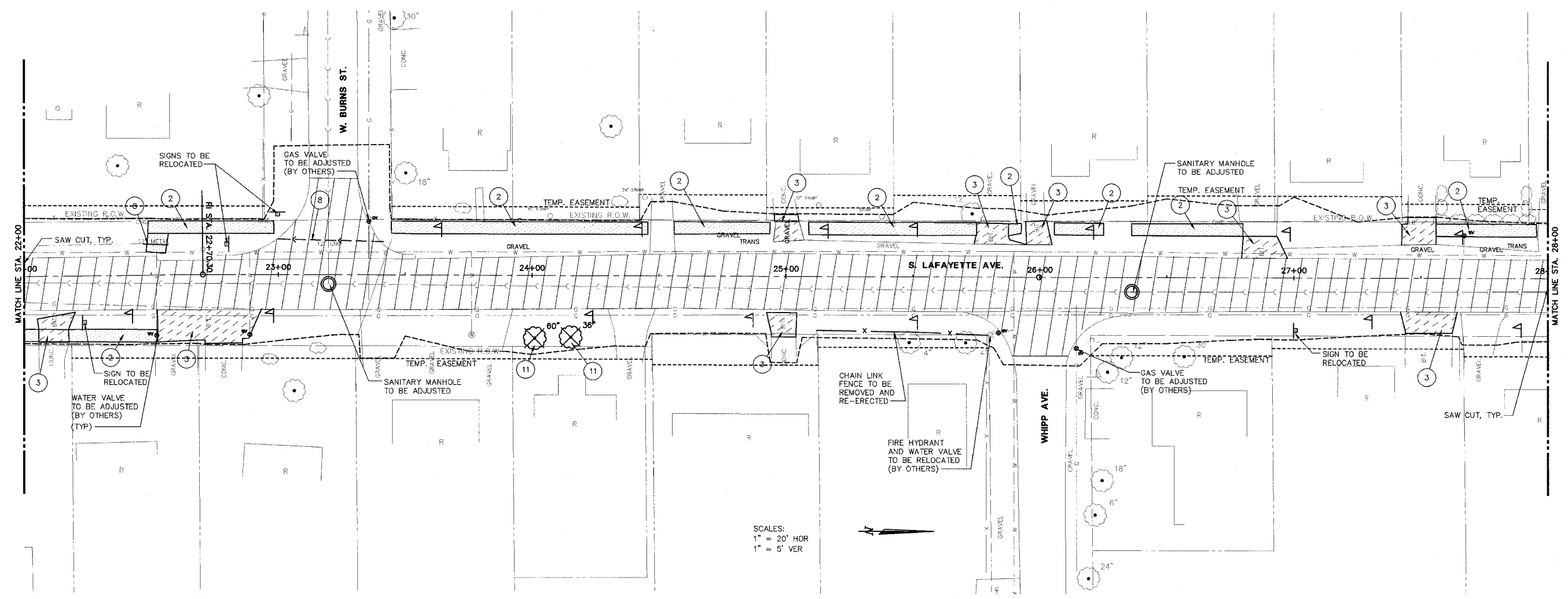
- |   |  |                                     |    |  |                         |
|---|--|-------------------------------------|----|--|-------------------------|
| 1 |  | PAVEMENT REMOVAL                    | 6  |  | REMOVE EXISTING MANHOLE |
| 2 |  | SIDEWALK REMOVAL                    | 8  |  | PIPE CULVERT REMOVAL    |
| 3 |  | DRIVEWAY PAVEMENT REMOVAL           | 9  |  | RETAINING WALL REMOVAL  |
| 4 |  | COMBINATION CURB AND GUTTER REMOVAL | 10 |  | STORM SEWER REMOVAL     |
|   |  |                                     | 11 |  | TREE REMOVAL            |
|   |  |                                     | 12 |  | REMOVE EXISTING INLET   |



LAFAYETTE AVE.  
BARTONVILLE IL.

REMOVAL PLANS  
STA. 16+00 TO STA. 22+00

SURVEY	CHECKED	ISSUE DATE
DESIGN	APPROVED	PRELIM. DATE
DRAWN	CSA	PROJECT NO.
		BART001



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



- ① PAVEMENT REMOVAL  
 LT. & RT. STA. 22+00.00 TO STA. 25+28.00
- ② SIDEWALK REMOVAL  
 RT. STA. 22+00.00 TO STA. 22+52.16  
 LT. STA. 22+48.03 TO STA. 22+98.18  
 LT. STA. 23+44.53 TO STA. 24+45.54  
 LT. STA. 24+55.93 TO STA. 24+93.55  
 LT. STA. 25+08.84 TO STA. 25+74.92  
 LT. STA. 25+87.63 TO STA. 25+92.57  
 LT. STA. 26+05.58 TO STA. 26+25.03  
 LT. STA. 26+36.00 TO STA. 26+79.86  
 LT. STA. 27+56.05 TO STA. 27+95.42
- ③ DRIVEWAY PAVEMENT REMOVAL  
 RT. STA. 22+12  
 RT. STA. 22+60  
 RT. STA. 22+80  
 RT. STA. 24+99  
 LT. STA. 25+00  
 LT. STA. 25+75  
 LT. STA. 25+99  
 LT. STA. 26+86  
 LT. STA. 27+50  
 RT. STA. 27+53
- ⑧ PIPE CULVERT REMOVAL 12"  
 LT. STA. 22+46.92 TO STA. 22+56.75  
 PIPE CULVERT REMOVAL 12"  
 LT. STA. 22+99.87 TO STA. 23+41.44
- ⑪ TREE REMOVAL  
 STA. 24+01.00, 24.61' RT.  
 STA. 24+15.14, 24.21' RT.

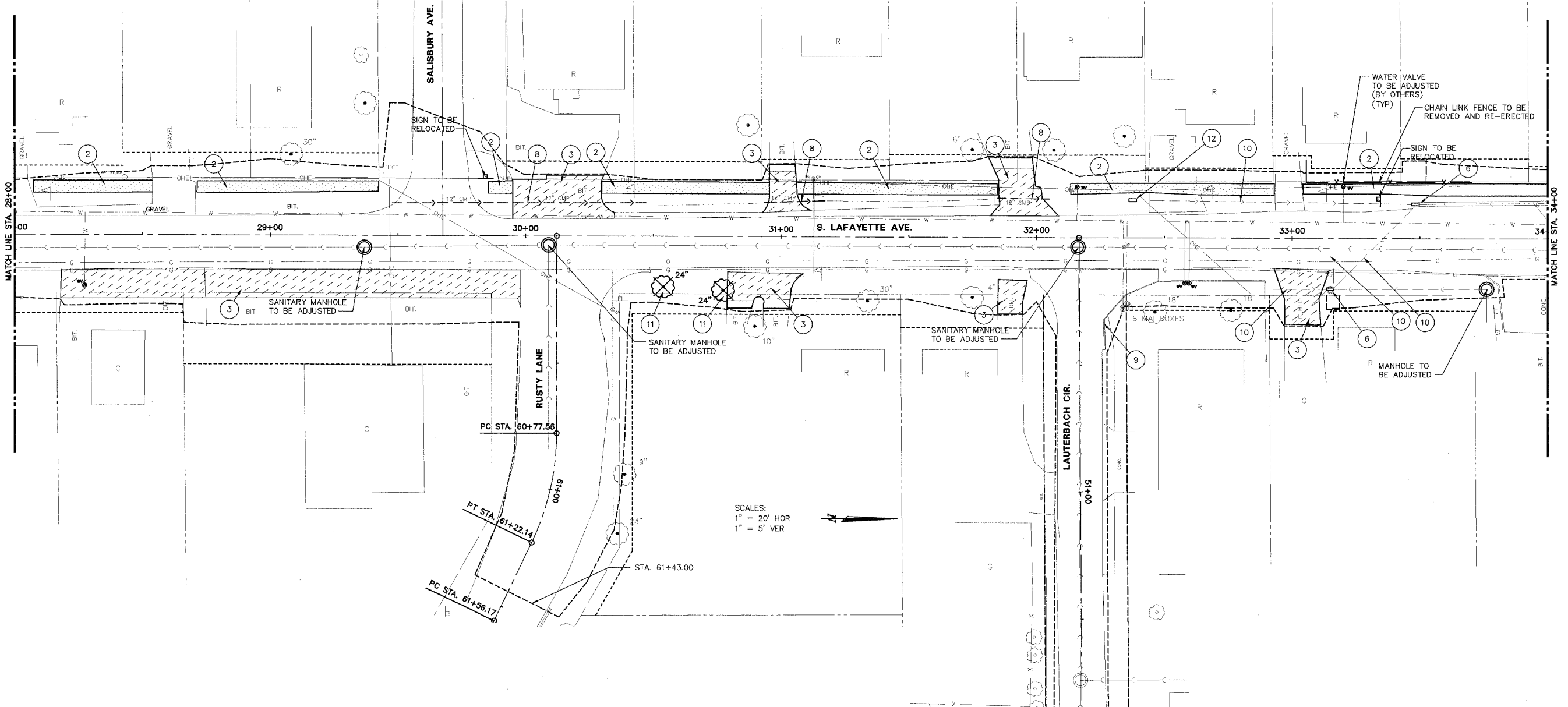
FENCE REMOVAL  
 CHAIN LINK FENCE TO BE REMOVED AND RE-ERECTED  
 STA. 25+12.06, 21.23 RT. TO STA. 25+79.16, 22.89 RT.

**LEGEND**

- ① [Hatched Pattern] PAVEMENT REMOVAL
- ② [Dotted Pattern] SIDEWALK REMOVAL
- ③ [Diagonal Line Pattern] DRIVEWAY PAVEMENT REMOVAL
- ④ [X-X-X-X Pattern] COMBINATION CURB AND GUTTER REMOVAL
- ⑥ [Circle with X] REMOVE EXISTING MANHOLE
- ⑧ [Circle with X] PIPE CULVERT REMOVAL
- ⑨ [Circle with X] RETAINING WALL REMOVAL
- ⑩ [Circle with X] STORM SEWER REMOVAL
- ⑪ [Circle with X] TREE REMOVAL
- ⑫ [Circle with X] REMOVE EXISTING INLET

<p><b>STS CONSULTANTS</b>          111 NE Jefferson Ave.          Peoria, Illinois 61602          Ph: (309) 678-8484          Fax: (309) 678-5445          IL Design Firm Reg. No. 184-001518</p>	<p><b>LAFAYETTE AVE.          BARTONVILLE IL.</b></p>		<p><b>REMOVAL PLANS          STA. 22+00 TO STA. 28+00</b></p>		<p>SURVEY</p>	<p>CHECKED</p>	<p>ISSUE DATE          01/06/06</p>
	<p>DESIGN</p>		<p>APPROVED</p>		<p>PRELIM. DATE          11/21/05</p>	<p>PROJECT NO.          BART0001</p>	
	<p>DRAWN</p>		<p>CSA</p>				

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

**LEGEND**

- |   |  |                                     |   |                         |
|---|--|-------------------------------------|---|-------------------------|
| ① |  | PAVEMENT REMOVAL                    | ⑥ | REMOVE EXISTING MANHOLE |
| ② |  | SIDEWALK REMOVAL                    | ⑧ | PIPE CULVERT REMOVAL    |
| ③ |  | DRIVEWAY PAVEMENT REMOVAL           | ⑨ | RETAINING WALL REMOVAL  |
| ④ |  | COMBINATION CURB AND GUTTER REMOVAL | ⑩ | STORM SEWER REMOVAL     |
| ⑤ |  | TREE REMOVAL                        | ⑪ | REMOVE EXISTING INLET   |
| ⑫ |  |                                     |   |                         |

- FENCE REMOVAL**  
 CHAIN LINK FENCE TO BE REMOVED AND RE-ERECTED  
 STA. 33+05.49, 21.99 LT. TO STA. 33+20.27, 22.16 LT.
- ② SIDEWALK REMOVAL  
 LT. STA. 28+07.46 TO STA. 28+53.94  
 LT. STA. 28+71.31 TO STA. 29+42.54  
 LT. STA. 29+85.31 TO STA. 29+94.83  
 LT. STA. 30+29.77 TO STA. 30+95.38  
 LT. STA. 31+06.83 TO STA. 31+84.53  
 LT. STA. 32+13.38 TO STA. 32+93.09  
 LT. STA. 33+04.37 TO STA. 34+00.00
- ③ DRIVEWAY PAVEMENT REMOVAL  
 LT. STA. 30+25  
 RT. STA. 30+93  
 LT. STA. 31+01  
 RT. STA. 31+9  
 RT. STA. 33+04
- ④ REMOVE EXISTING MANHOLE  
 STA. 33+15.05, 20.20' RT.  
 STA. 33+48.34, 13.52' LT.
- ⑧ PIPE CULVERT REMOVAL 12"  
 LT. STA. 29+47.87 TO STA. 29+87.28  
 PIPE CULVERT REMOVAL 12"  
 LT. STA. 29+89.03 TO STA. 30+47.25  
 PIPE CULVERT REMOVAL 12"  
 LT. STA. 30+93.48 TO STA. 31+17.11  
 PIPE CULVERT REMOVAL 12"  
 LT. STA. 31+84.75 TO STA. 32+04.98
- ⑨ RETAINING WALL REMOVAL  
 STA. 32+27.03, 43.82' RT. TO STA. 32+89.44, 23.99' RT.
- ⑩ STORM SEWER REMOVAL, 12"  
 LT. STA. 32+37.65 TO STA. 33+48.34  
 LT. STA. 33+48.34 TO RT. STA. 33+15.05  
 RT. STA. 32+92.39 TO STA. 33+15.05  
 LT. STA. 33+14.85 TO RT. STA. 33+15.05
- ⑪ TREE REMOVAL  
 STA. 30+53.92, 19.89' RT.  
 STA. 30+77.30, 21.13' RT.  
 STA. 52+87.70, 34.50' RT.  
 STA. 52+96.14, 38.43' RT.
- ⑫ REMOVE EXISTING INLET  
 STA. 32+37.65, 14.74' LT.

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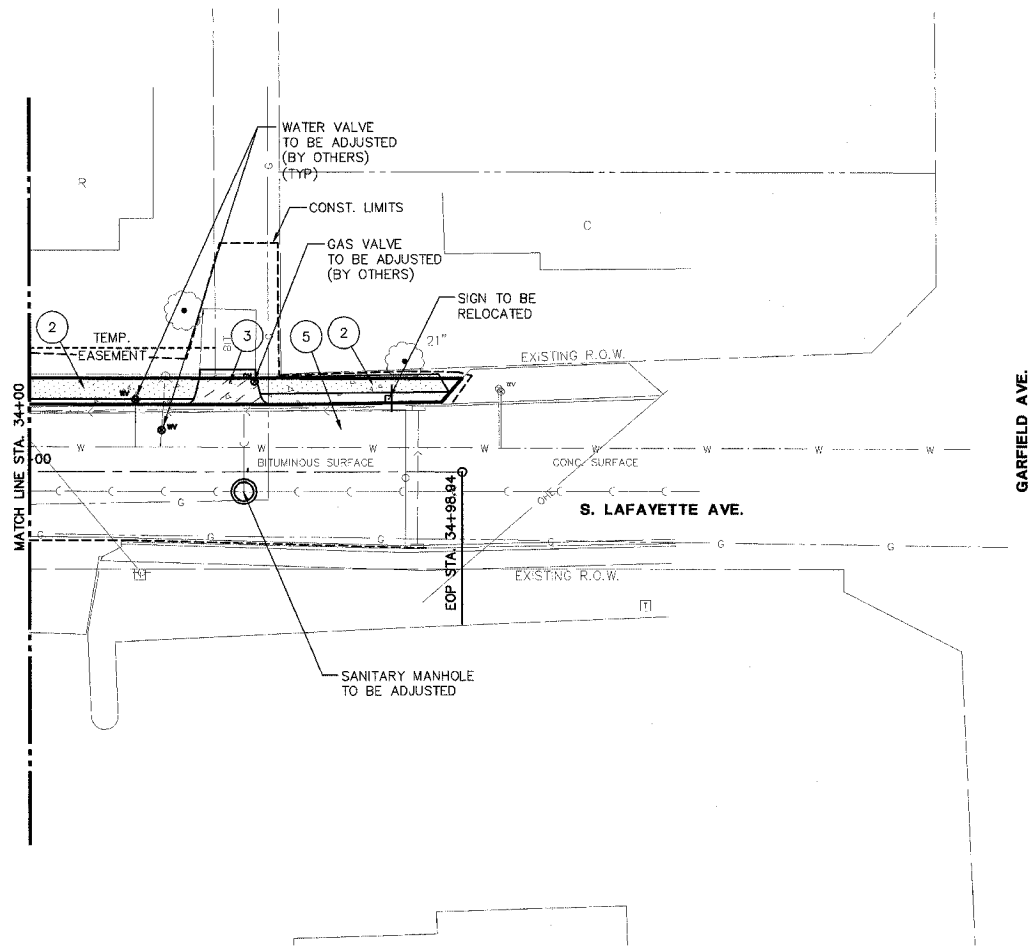
**LAFAYETTE AVE.  
 BARTONVILLE IL.**

**REMOVAL PLANS  
 STA. 28+00 TO STA. 34+00**

SURVEY	CHECKED	ISSUE DATE
DESIGN	APPROVED	PRELIM. DATE
DRAWN		PROJECT NO.
		BART0001

SHEET  
**21**  
 OF  
**83**

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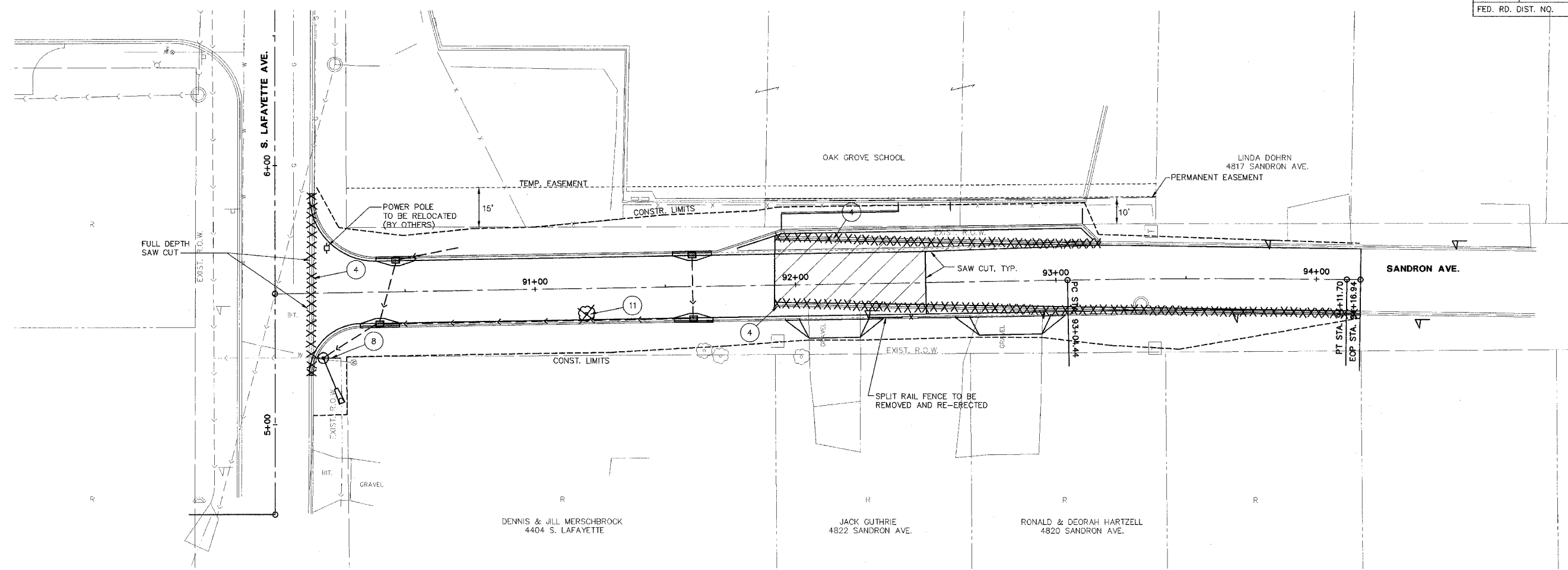
SCALES:  
 1" = 20' HOR  
 1" = 5' VER

- ② SIDEWALK REMOVAL  
 STA. 34+00.00 TO STA. 34+38.92  
 STA. 34+52.05 TO STA. 34+95.90
- ③ DRIVEWAY PAVEMENT REMOVAL  
 LT. STA. 34+46

**LEGEND**

- ① PAVEMENT REMOVAL
- ② SIDEWALK REMOVAL
- ③ DRIVEWAY PAVEMENT REMOVAL
- ④ COMBINATION CURB AND GUTTER REMOVAL
- ⑤ PAVEMENT REMOVAL
- ⑥ REMOVE EXISTING MANHOLE
- ⑦ PIPE CULVERT REMOVAL
- ⑧ RETAINING WALL REMOVAL
- ⑨ STORM SEWER REMOVAL
- ⑩ TREE REMOVAL
- ⑪ TREE REMOVAL
- ⑫ REMOVE EXISTING INLET

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

- ① PAVEMENT REMOVAL  
 LT. & RT. STA. 91+91.93 TO STA. 92+50.00  
 LT. STA. 92+50.00 TO STA. 93+12.22
  - ④ COMBINATION CURB AND GUTTER REMOVAL  
 STA. 90+12.59, 31.52 RT TO STA. 90+14.11, 38.32 LT  
 LT. STA. 91+91.93 TO LT. STA. 93+12.22  
 RT. STA. 91+91.93 TO RT. STA. 94+16.94
  - ⑧ PIPE CULVERT REMOVAL  
 STA. 90+24.69, 25.13 RT. TO STA. 90+14.69, 24.94 RT.
  - ⑪ TREE REMOVAL  
 STA. 91+19.30, 9.70' RT.
- SPLIT RAIL FENCE TO BE REMOVED AND RE-ERECTED  
 STA. 92+27.99, 12.96' RT. TO STA. 92+59.34, 13.68 RT.

**LEGEND**

- ① [Hatched Box] PAVEMENT REMOVAL
- ② [Dotted Box] SIDEWALK REMOVAL
- ③ [Diagonal Lines Box] DRIVEWAY PAVEMENT REMOVAL
- ④ [Cross-hatched Box] COMBINATION CURB AND GUTTER REMOVAL
- ⑥ [Circle with X] REMOVE EXISTING MANHOLE
- ⑧ [Circle with X] PIPE CULVERT REMOVAL
- ⑨ [Circle with X] RETAINING WALL REMOVAL
- ⑩ [Circle with X] STORM SEWER REMOVAL
- ⑪ [Circle with X] TREE REMOVAL
- ⑫ [Circle with X] REMOVE EXISTING INLET

SHEET  
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 OF  
**83**

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 111 NE Jefferson Ave.  
 Peoria, Illinois 61602  
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 Fax: (309) 678-5445  
 IL Design Firm Reg. No. 184-001518

**LAFAYETTE AVE.  
 BARTONVILLE IL.**

**SANDRON AVENUE  
 REMOVAL PLANS  
 STA. 90+13 TO STA. 94+16.94**

SURVEY	CHECKED	ISSUE DATE
DESIGN	APPROVED	PRELIM. DATE
DRAWN	CSA	PROJECT NO. BART0001

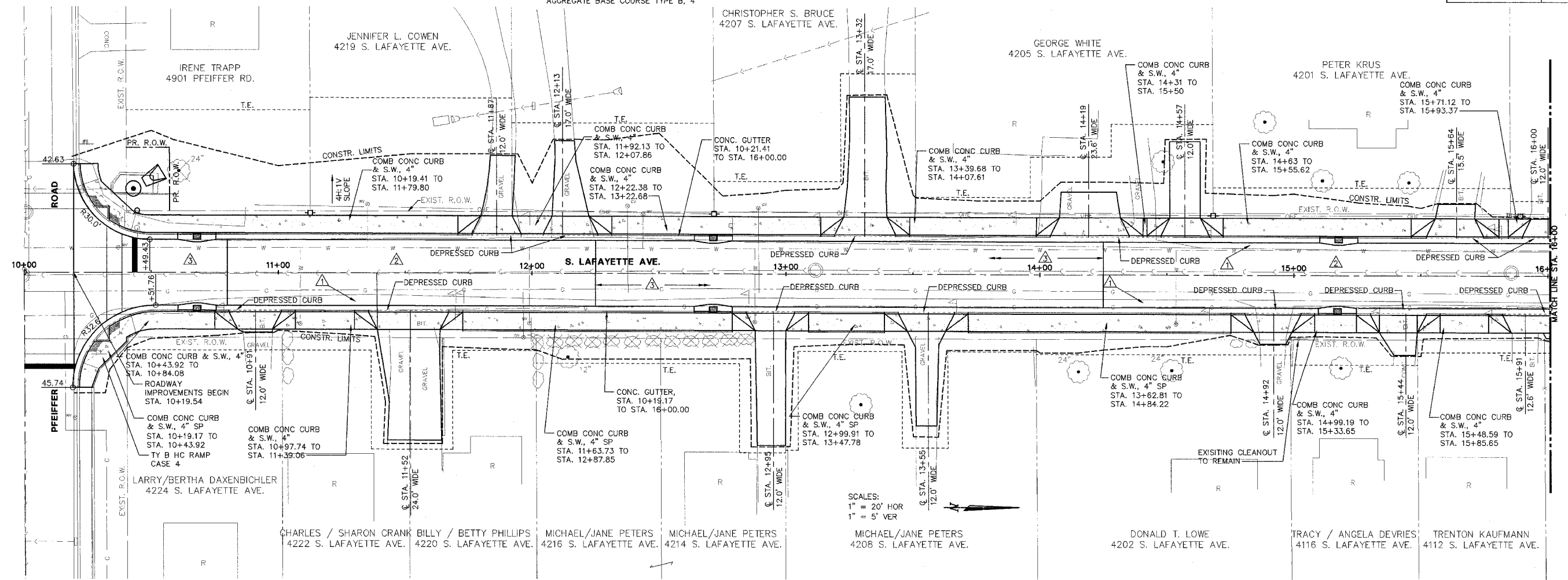
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F.A. RTE.	SECTION	COUNTY	CONTRACT NO.
FAU 6579	02-00065-00-PV	PEORIA	89358
FED. RD. DIST. NO.	ILLINOIS	PROJECT NO. M 503 102	

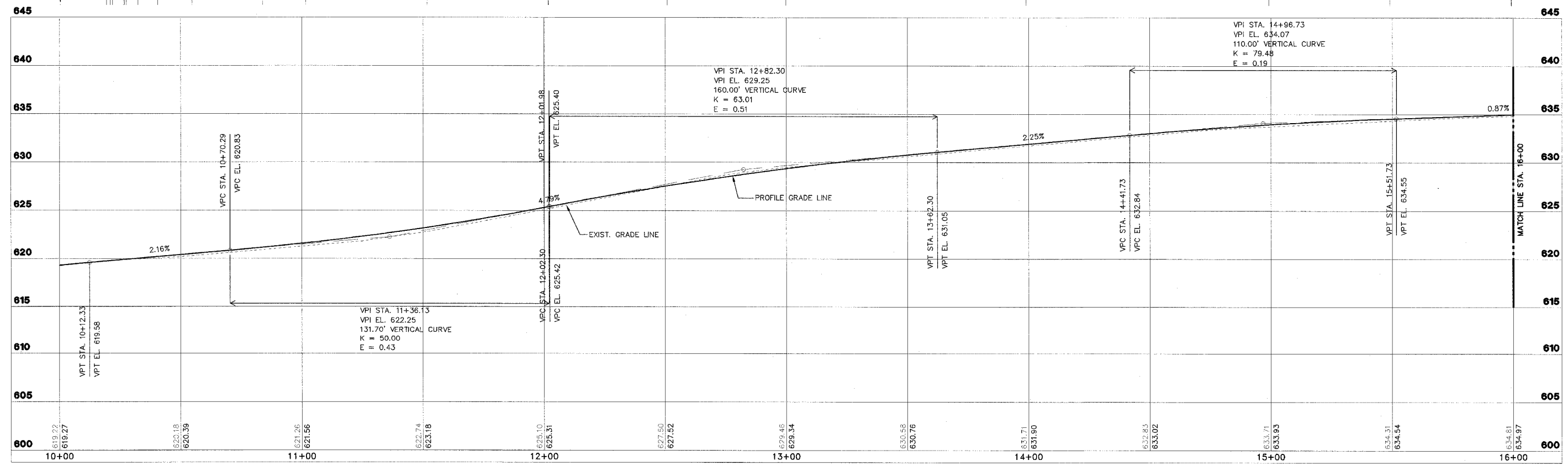
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▲ BITUMINOUS CONCRETE SURFACE COURSE MIX D, N 50, 2" LEVELING BINDER, 1"

▲ BITUMINOUS CONCRETE SURFACE COURSE MIX D, N 50, 2" BITUMINOUS CONCRETE BINDER COURSE MIX D, N 50, 3" AGGREGATE BASE COURSE TYPE A, 8"



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



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IL Design Firm Reg. No. 184-001518

**LAFAYETTE AVE.  
BARTONVILLE IL.**

**PLAN AND PROFILE  
STA. 10+00 TO STA. 16+00**

SURVEY	CHECKED	ISSUE DATE
DESIGN	APPROVED	PRELIM. DATE
DRAWN		PROJECT NO.

SHEET  
**24**  
OF  
**83**

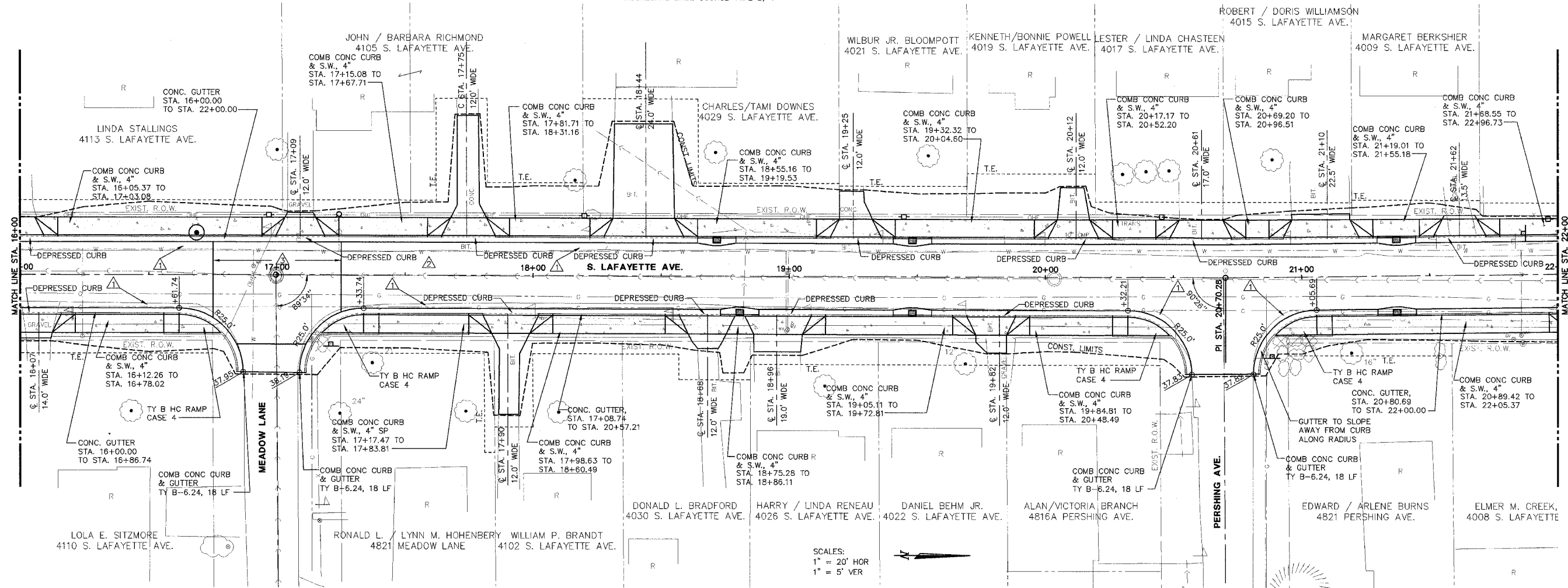


BITUMINOUS CONCRETE SURFACE COURSE MIX D, N 50, 2" LEVELING BINDER, 1" BASE COURSE WIDENING, 6" AGGREGATE BASE COURSE TYPE B, 4"

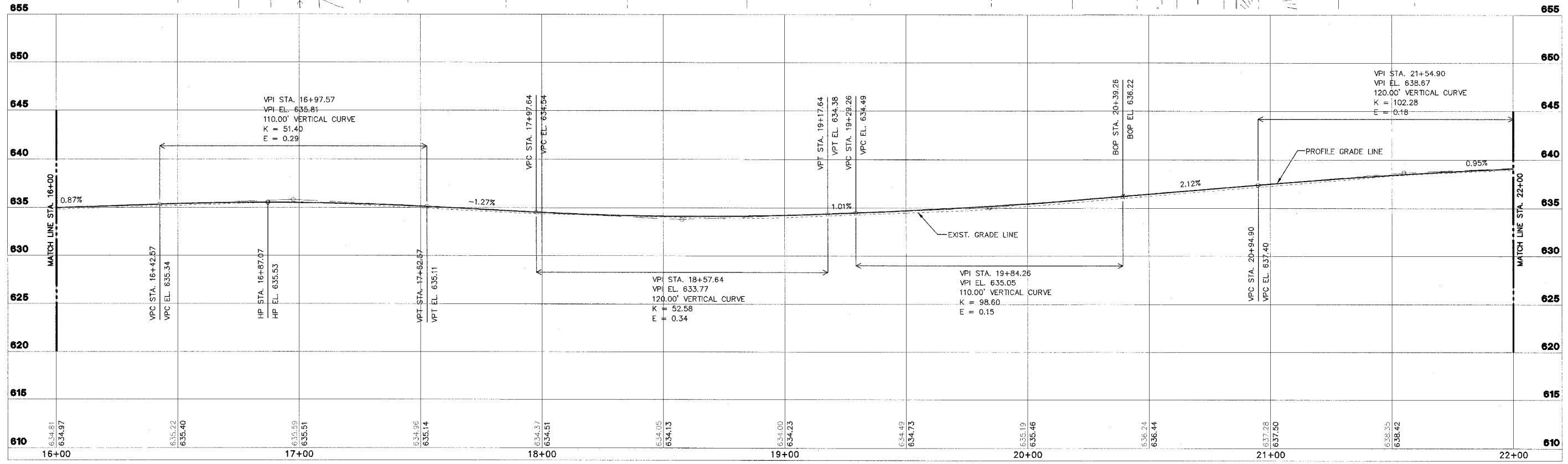
BITUMINOUS CONCRETE SURFACE COURSE MIX D, N 50, 2" LEVELING BINDER, 1"

BITUMINOUS CONCRETE SURFACE COURSE MIX D, N 50, 2" BITUMINOUS CONCRETE BINDER COURSE MIX D, N 50, 3" AGGREGATE BASE COURSE TYPE A, 8"

F.A. RTE.	SECTION	COUNTY	CONTRACT NO.
FAU 6579	02-00065-00-PV	PEORIA	89358
FED. RD. DIST. NO.	ILLINOIS	PROJECT NO.	M 503 102



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



SHEET  
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 OF  
**83**

**STS CONSULTANTS**  
 111 NE Jefferson Ave.  
 Peoria, Illinois 61602  
 Ph: (309) 676-8464  
 Fax: (309) 678-5445  
 IL Design Firm Reg. No. 184-001518

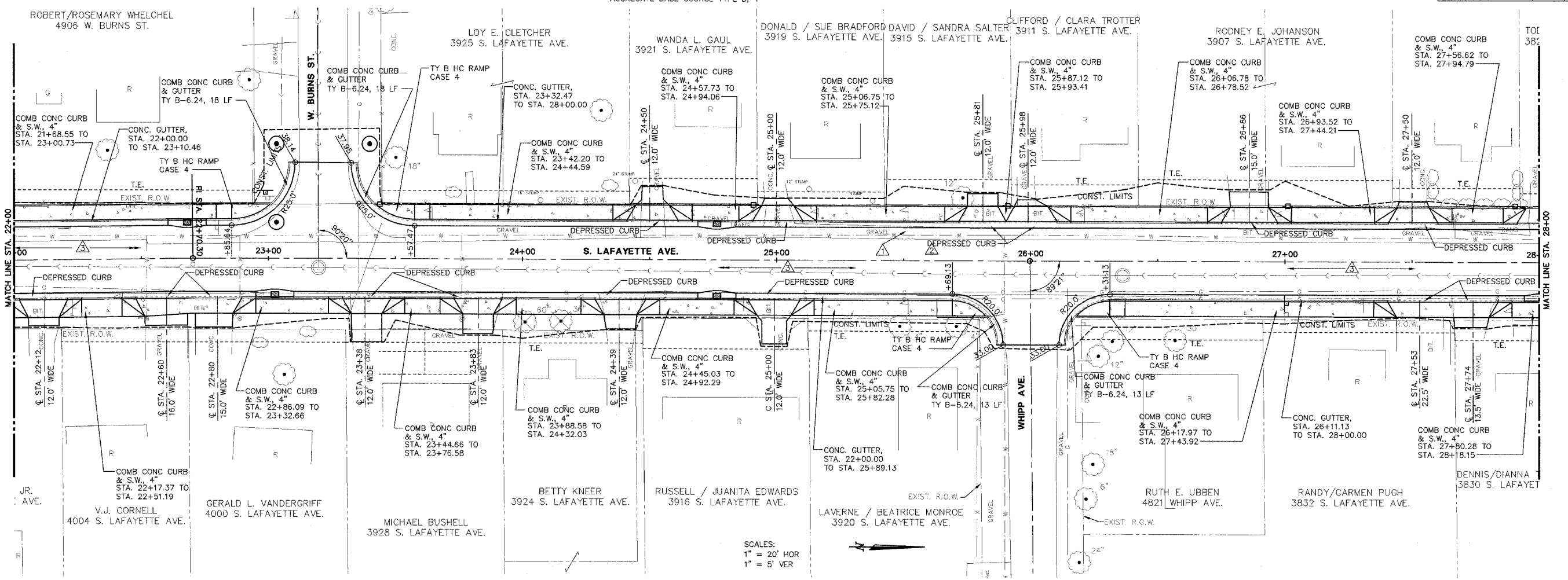
**LAFAYETTE AVE.  
 BARTONVILLE IL.**

**PLAN AND PROFILE  
 STA. 16+00 TO STA. 22+00**

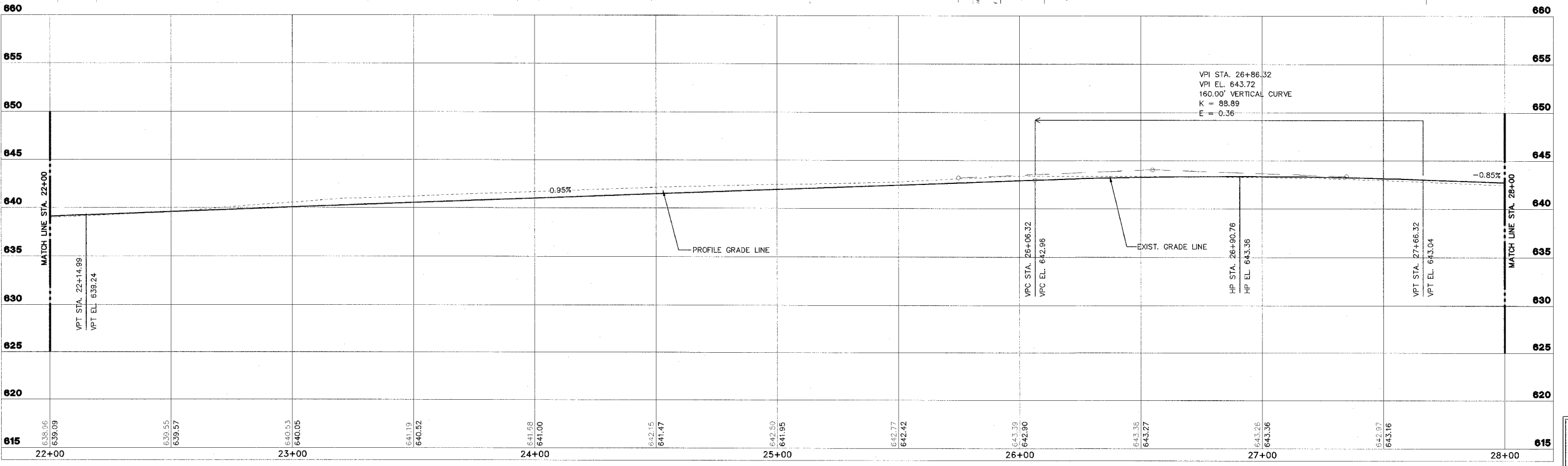
SURVEY	CHECKED	ISSUE DATE
DESIGN	APPROVED	PRELIM. DATE
DRAWN	CSA	PROJECT NO.

△ BITUMINOUS CONCRETE SURFACE COURSE MIX D, N 50, 2" LEVELING BINDER, 1" BASE COURSE WIDENING, 6" AGGREGATE BASE COURSE TYPE B, 4"
 △ BITUMINOUS CONCRETE SURFACE COURSE MIX D, N 50, 2" LEVELING BINDER, 1"
 △ BITUMINOUS CONCRETE SURFACE COURSE MIX D, N 50, 2" BITUMINOUS CONCRETE BINDER COURSE MIX D, N 50, 3" AGGREGATE BASE COURSE TYPE A, 8"

F.A. RTE.	SECTION	COUNTY	CONTRACT NO.
FAU 6579	02-00065-00-PV	PEORIA	89358
FED. RD. DIST. NO.	ILLINOIS PROJECT NO. M 503 102		



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



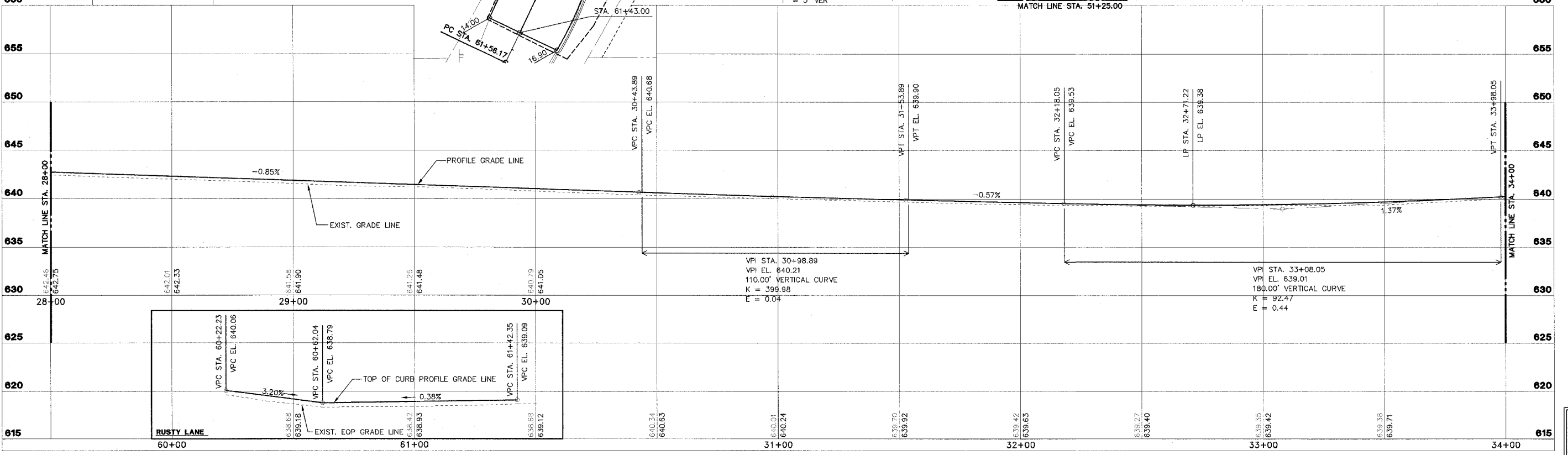
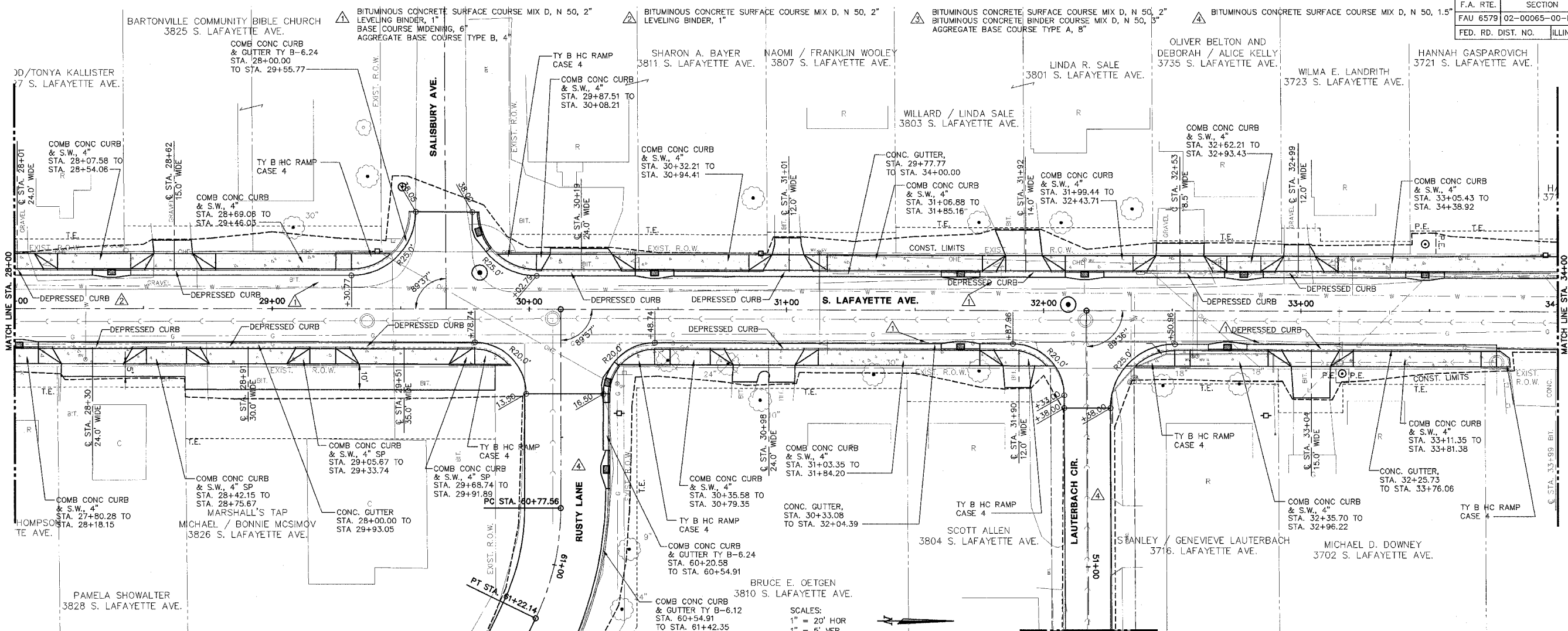
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 111 E. Jefferson Ave.  
 Peoria, Illinois 61602  
 Ph: 309/678-5464  
 Fax: 309/678-5445  
 IL Design Firm Reg. No. 184-001518

**LAFAYETTE AVE.**  
**BARTONVILLE IL.**

**PLAN AND PROFILE**  
**STA. 22+00 TO STA. 28+00**

SURVEY	CHECKED	ISSUE DATE
DESIGN	APPROVED	PRELIM. DATE
DRAWN		PROJECT NO.

**SHEET 26 OF 83**  
 01/08/06  
 00/00/00  
 BART0001

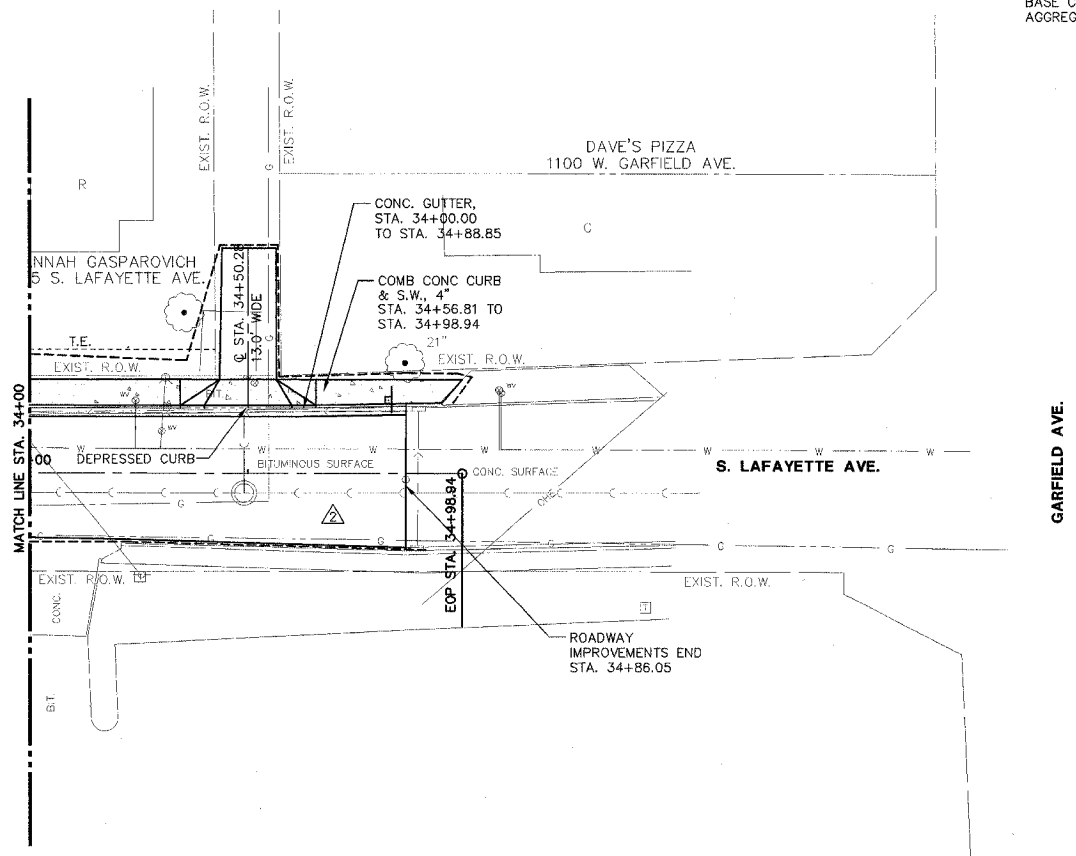


F.A. RTE.	SECTION	COUNTY	CONTRACT NO.
FAU 6579	02-00065-00-PV	PEORIA	89358
FED. RD. DIST. NO.	ILLINOIS	PROJECT NO. M 503 102	

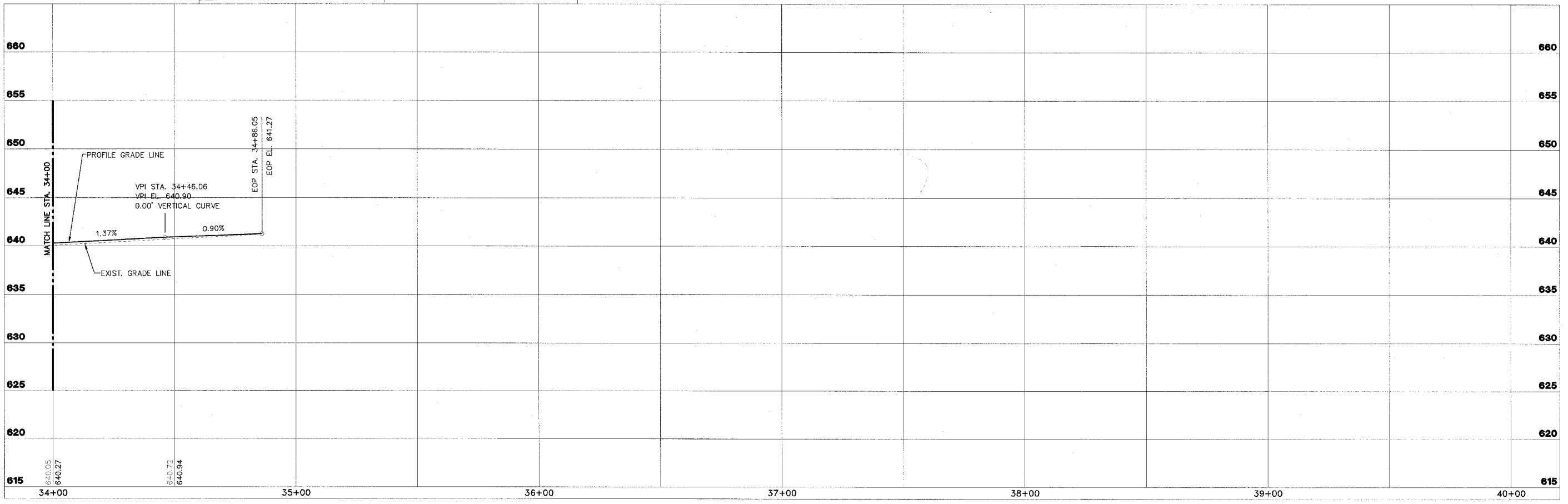
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 LEVELING BINDER, 1"  
 BASE COURSE WIDENING, 6"  
 AGGREGATE BASE COURSE TYPE B, 4"

▲ BITUMINOUS CONCRETE SURFACE COURSE MIX D, N 50, 2"  
 LEVELING BINDER, 1"

▲ BITUMINOUS CONCRETE SURFACE COURSE MIX D, N 50, 2"  
 BITUMINOUS CONCRETE BINDER COURSE MIX D, N 50, 3"  
 AGGREGATE BASE COURSE TYPE A, 8"



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



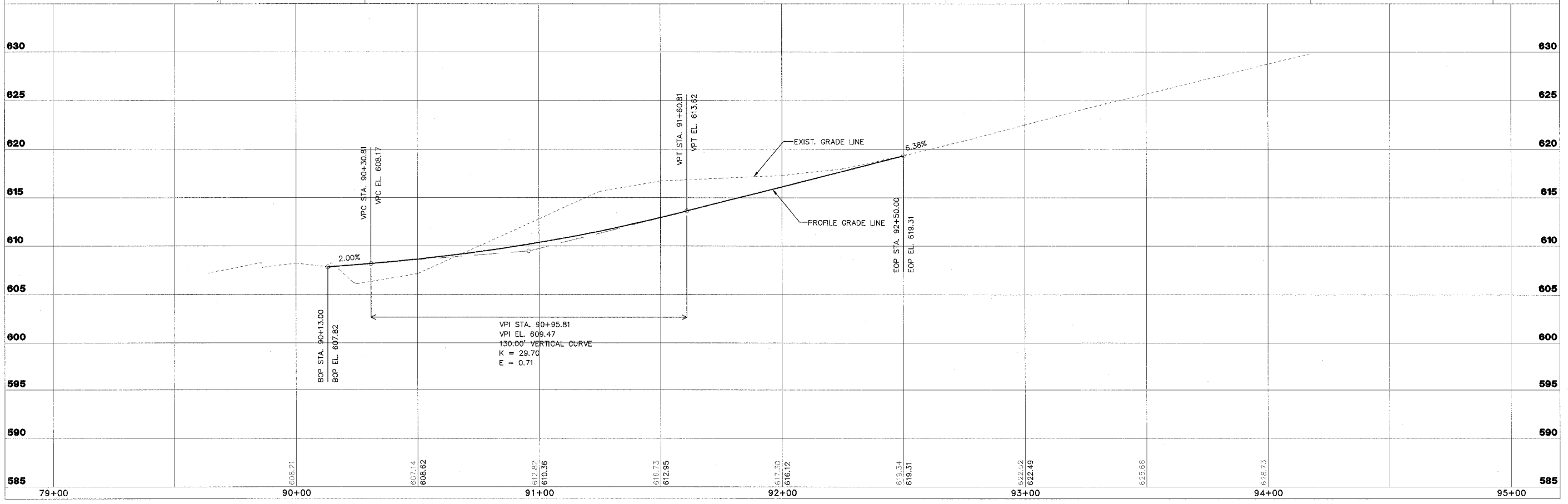
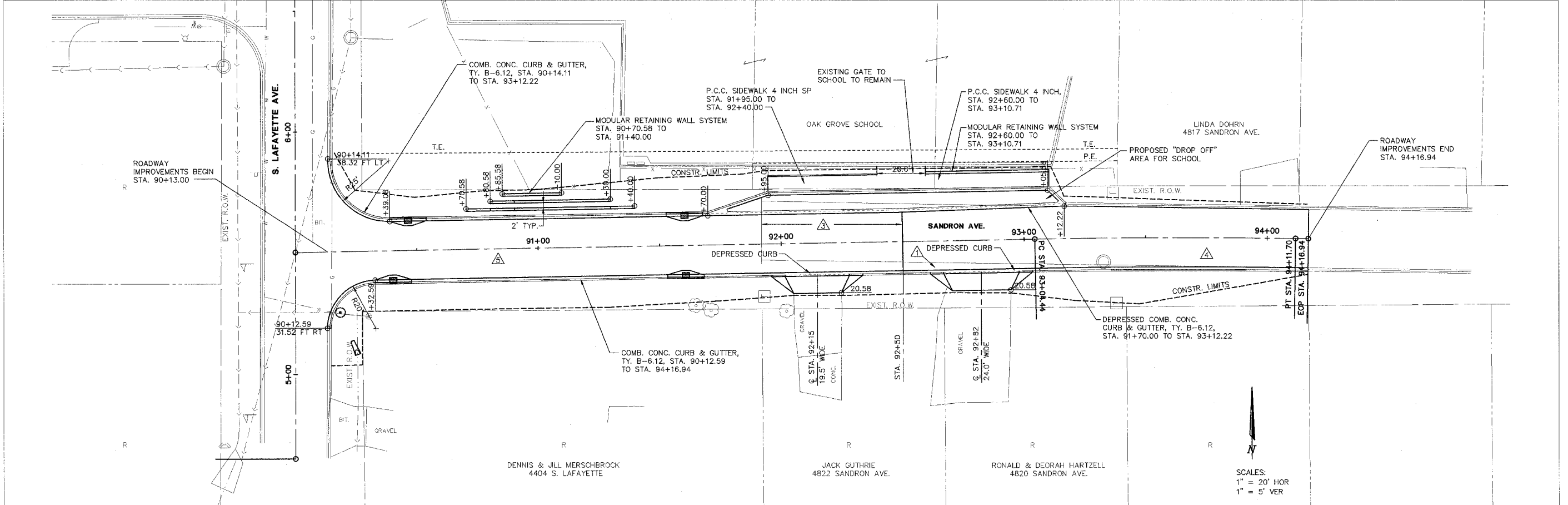
STS CONSULTANTS 111 N. Jefferson Ave. Peoria, Illinois 61602 Ph: (309) 76-8484 Fax: (309) 76-3445 IL Design Firm Reg. No. 184-001518	<b>LAFAYETTE AVE.          BARTONVILLE IL.</b>		<b>PLAN AND PROFILE          STA. 34+00 TO STA. 34+86.02</b>		SURVEY DESIGN DRAWN	CHECKED APPROVED CSA	ISSUE DATE 01/06/06 PRELIM. DATE 11/21/05 PROJECT NO. BART0001

SHEET  
**28**  
 OF  
**83**

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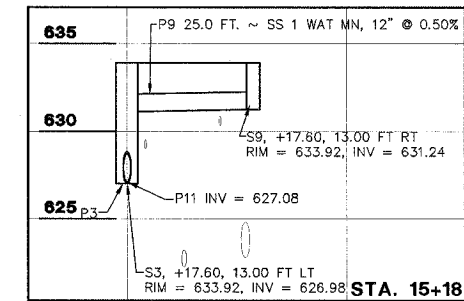
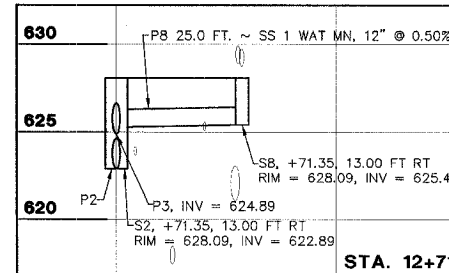
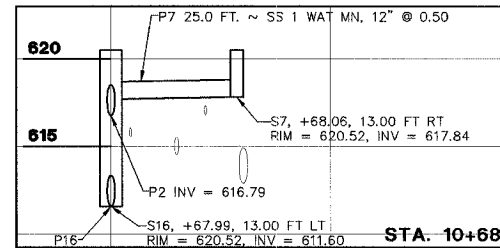
▲ BITUMINOUS CONCRETE SURFACE COURSE MIX D, N 50, 2" LEVELING BINDER, 1" BASE COURSE WIDENING, 6" AGGREGATE BASE COURSE TYPE B, 4"  
 ▲ BITUMINOUS CONCRETE SURFACE COURSE MIX D, N 50, 2" BITUMINOUS CONCRETE BINDER COURSE MIX D, N 50, 3" AGGREGATE BASE COURSE TYPE B, 8"  
 ▲ BITUMINOUS CONCRETE SURFACE COURSE MIX D, N 50, 1.5" BITUMINOUS CONCRETE BINDER COURSE MIX D, N 50, 3" AGGREGATE BASE COURSE TYPE B, 8" LIME MODIFIED SOIL, 12"

F.A. RTE.	SECTION	COUNTY	CONTRACT NO.
FAU 6579	02-00065-00-PV	PEORIA	89358
FED. RD. DIST. NO.	ILLINOIS PROJECT NO. M 503 102		



STS CONSULTANTS 111 N. Jefferson Ave. Peoria, Illinois 61602 PH: (309) 675-8464 FAX: (309) 675-2445 IL Design Firm Reg. No. 184-001518	<b>LAFAYETTE AVE. BARTONVILLE IL.</b>	<b>SANDRON AVENUE PLAN AND PROFILE STA. 90+13 TO STA. 95+00</b>	SURVEY DESIGN DRAWN CSA	CHECKED APPROVED	ISSUE DATE 01/06/06 PRELIM. DATE 11/21/05 PROJECT NO. BART001
	<b>SHEET 29 OF 83</b>				





STRUCTURE SCHEDULE											
STR NO.	STATION	OFFSET	RT/LT	TYPE	F&G	RIM EL.	INV. N	INV. S	INV. E	INV. W	REMARKS
1	STA. 10+42.95	32.88	LT	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	FG TY 1 CL	617.90		611.36	611.50	612.70	
19	STA. 10+49.09	40.03	LT	PRECAST CONCRETE FLARED END SECTION, 36"						613.90	
16	STA. 10+67.99	13.00	LT	INLET-MANHOLE, TYPE G-1, 5'-DIAMETER	DIAGONAL	620.52		611.60	616.79	617.72	
7	STA. 10+68.06	13.00	RT	INLETS, TYPE G-1	DIAGONAL	620.52				617.84	
2	STA. 12+71.35	13.00	LT	INLET-MANHOLE, TYPE G-1, 5'-DIAMETER	DIAGONAL	628.09	624.89	622.89	625.29		
8	STA. 12+71.35	13.00	RT	INLETS, TYPE G-1	DIAGONAL	628.09			625.50	625.41	
3	STA. 15+17.80	13.00	LT	INLET-MANHOLE, TYPE G-1, 5'-DIAMETER	DIAGONAL	633.92	627.08	626.98	631.12		
9	STA. 15.17.80	13.00	RT	INLETS, TYPE G-1	DIAGONAL	633.92			631.50	631.24	

PIPE SCHEDULE										
PIPE NO.	U/S - D/S	LENGTH (FT)	SIZE (IN)	CLASS/TYPE	U/S INV	D/S INV	SLOPE	TRENCH BACKFILL (CU YD.)	REMARKS	
1	1-23	16	36	SS CL A 1	611.36	611.20 (EX)	1.00%	16.8		
19	19-1	3	36	SS CL A 1	613.03	612.70	10.30%			
16	16-1	27	21	SS CL A 2	611.60	611.50	0.38%	20.9		
7	7-16	25	12	SS CL A 1	617.84	617.72	0.50%	3.3		
2	2-16	199	21	SS CL A 1	622.89	616.79	3.08%	57.7		
8	8-2	25	12	SS CL A 1	625.41	625.29	0.50%	3.3		
3	3-2	242	21	SS CL A 1	626.98	624.89	0.87%	89.5		
9	9-3	25	12	SS CL A 1	631.24	631.12	0.50%	3.3		
8A	9-3	15	6	DRAIN PIPE	828.00	825.50	16.70%	1.5	CAP UPSTREAM END	
9A	9-3	15	6	DRAIN PIPE	632.50	631.50	6.60%	1.5	CAP UPSTREAM END	



LAFAYETTE AVE.  
BARTONVILLE IL.

DRAINAGE  
PLAN AND PROFILE  
STA. 10+00 TO STA. 16+00

SURVEY	CHECKED	ISSUE DATE
DESIGN	APPROVED	PRELIM. DATE
DRAWN	CSA	PROJECT NO.
		BART0001

SHEET  
31  
OF  
83

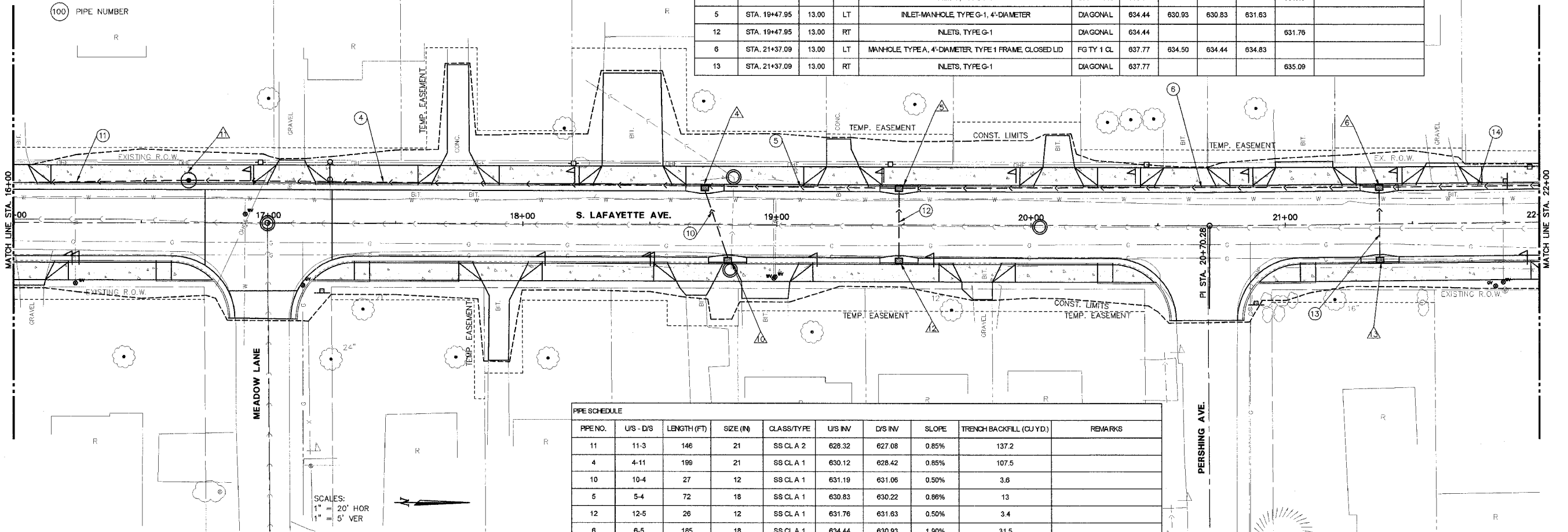
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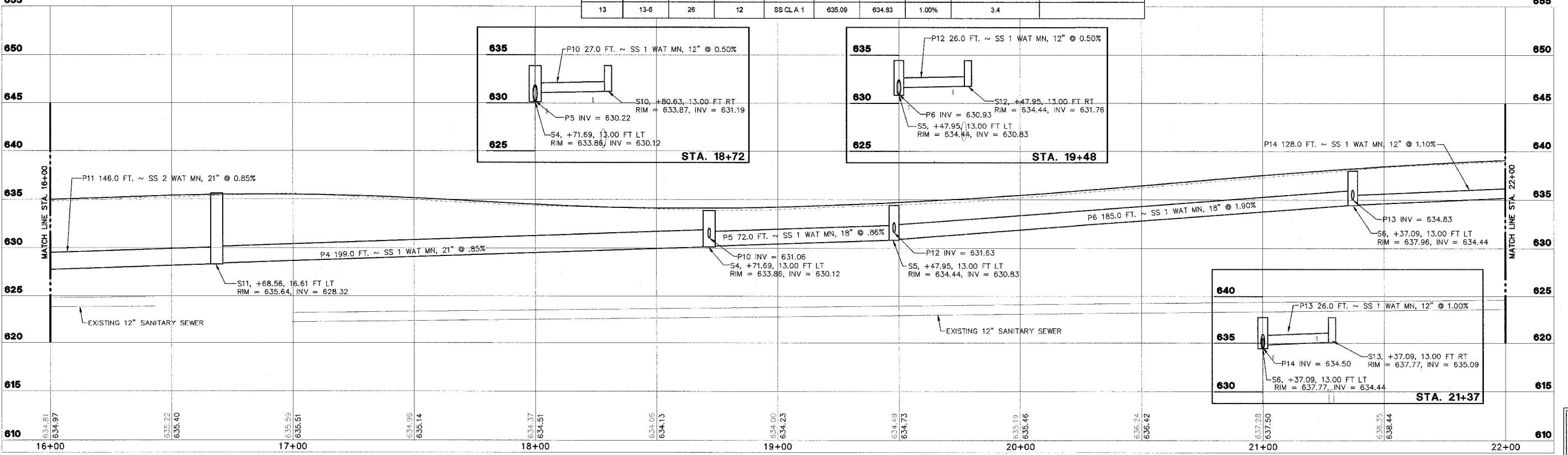
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- PIPE NUMBER

STRUCTURE SCHEDULE											
STR NO.	STATION	OFFSET	RT/LT	TYPE	F&G	RIM E.	INV. N	INV. S	INV. E	INV. W	REMARKS
11	STA. 16+68.56	16.61	LT	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	FG TY 1 CL	635.64	628.42	628.32			
4	STA. 18+71.89	13.00	LT	INLET-MANHOLE, TYPE G-1, 5'-DIAMETER	DIAGONAL	633.86	630.22	630.12	631.06		
10	STA. 18+80.83	13.00	RT	INLETS, TYPE G-1	DIAGONAL	633.87				631.19	
5	STA. 19+47.95	13.00	LT	INLET-MANHOLE, TYPE G-1, 4'-DIAMETER	DIAGONAL	634.44	630.93	630.83	631.63		
12	STA. 19+47.95	13.00	RT	INLETS, TYPE G-1	DIAGONAL	634.44				631.76	
6	STA. 21+37.09	13.00	LT	MANHOLE, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	FG TY 1 CL	637.77	634.50	634.44	634.83		
13	STA. 21+37.09	13.00	RT	INLETS, TYPE G-1	DIAGONAL	637.77				635.09	

F.A. RTE.	SECTION	COUNTY	CONTRACT NO.
FAU 6579	02-00065-00-PV	PEORIA	89358
FED. RD. DIST. NO.	ILLINOIS	PROJECT NO.	M 503 102



PIPE SCHEDULE									
PIPE NO.	U/S - D/S	LENGTH (FT)	SIZE (IN)	CLASS/TYPE	U/S INV	D/S INV	SLOPE	TRENCH BACKFILL (CU YD)	REMARKS
11	11-3	146	21	SS CLA 2	628.32	627.08	0.85%	137.2	
4	4-11	198	21	SS CLA 1	630.12	628.42	0.85%	107.5	
10	10-4	27	12	SS CLA 1	631.19	631.06	0.50%	3.6	
5	5-4	72	18	SS CLA 1	630.83	630.22	0.86%	13	
12	12-5	26	12	SS CLA 1	631.76	631.63	0.50%	3.4	
6	6-5	185	18	SS CLA 1	634.44	630.93	1.90%	31.5	
13	13-6	26	12	SS CLA 1	635.09	634.83	1.00%	3.4	



SHEET  
OF  
**32**  
OF  
**83**



LAFAYETTE AVE.  
BARTONVILLE IL.

**DRAINAGE  
PLAN AND PROFILE**  
STA. 16+00 TO STA. 22+00

SURVEY	CHECKED	ISSUE DATE
DESIGN	APPROVED	PRELIM. DATE
DRAWN	CSA	PROJECT NO.
		BART0001

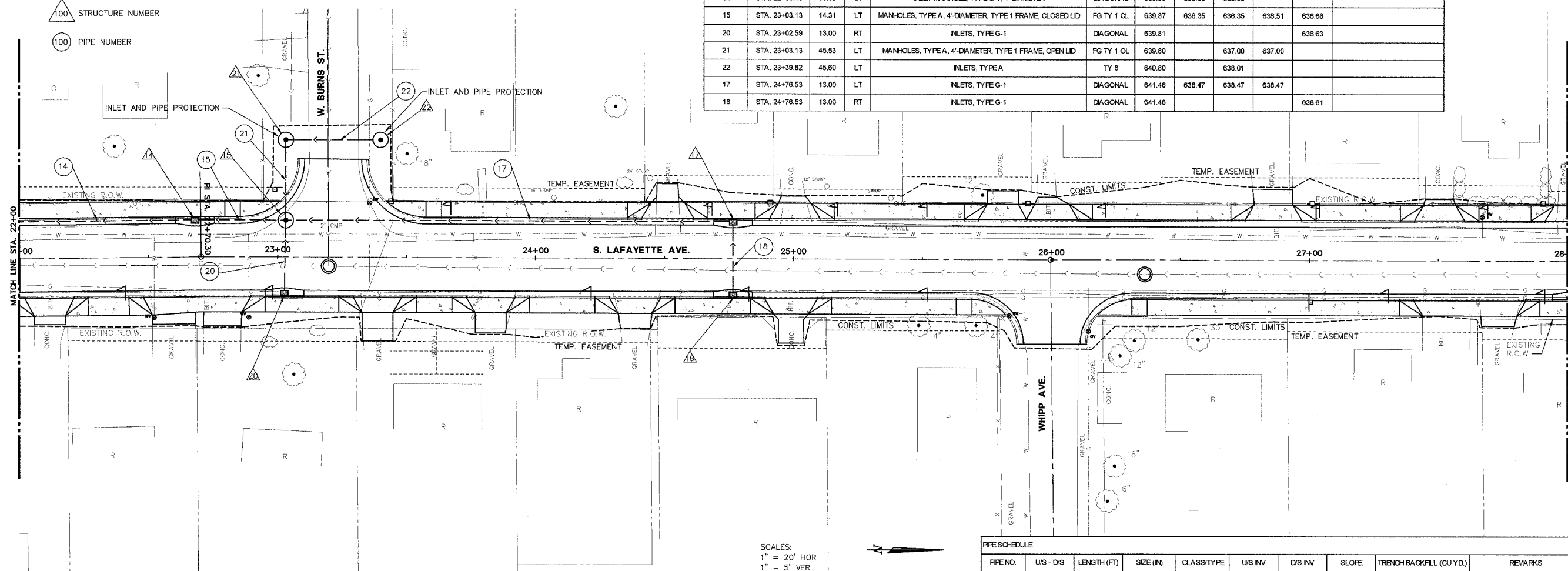


**LEGEND**

- △ STRUCTURE NUMBER
- PIPE NUMBER

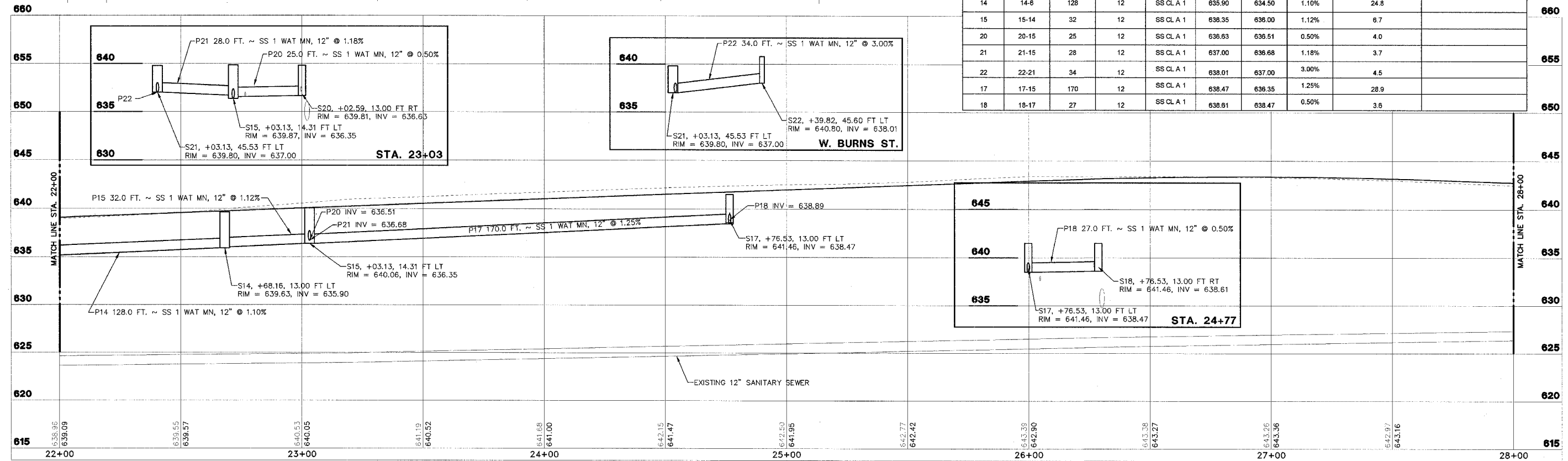
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STR. NO.	STATION	OFFSET	RT/LT	TYPE	F&G	RIM EL.	INV. N	INV. S	INV. E	INV. W	REMARKS
14	STA. 22+68.16	13.00	LT	INLET-MANHOLE, TYPE G-1, 4'-DIAMETER	DIAGONAL	639.63	636.00	635.90			
15	STA. 23+03.13	14.31	LT	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	FG TY 1 CL	639.87	636.35	636.35	636.51	636.68	
20	STA. 23+02.59	13.00	RT	INLETS, TYPE G-1	DIAGONAL	639.81				636.63	
21	STA. 23+03.13	45.53	LT	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	FG TY 1 OL	639.80		637.00	637.00		
22	STA. 23+38.82	45.60	LT	INLETS, TYPE A	TY 8	640.80		638.01			
17	STA. 24+76.53	13.00	LT	INLETS, TYPE G-1	DIAGONAL	641.46	638.47	638.47	638.47		
18	STA. 24+76.53	13.00	RT	INLETS, TYPE G-1	DIAGONAL	641.46				638.61	

F.A. RTE.	SECTION	COUNTY	CONTRACT NO.
FAU 6579	02-00065-00-PV	PEORIA	89358
FED. RD. DIST. NO.	ILLINOIS	PROJECT NO. M 503 102	



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

PIPE SCHEDULE										
PIPE NO.	UIS - DIS	LENGTH (FT)	SIZE (IN)	CLASS/TYPE	UIS INV	DIS INV	SLOPE	TRENCH BACKFILL (CU YD)	REMARKS	
14	14-6	128	12	SS CL A 1	635.90	634.50	1.10%	24.8		
15	15-14	32	12	SS CL A 1	636.35	636.00	1.12%	6.7		
20	20-15	25	12	SS CL A 1	636.63	636.51	0.50%	4.0		
21	21-15	28	12	SS CL A 1	637.00	636.68	1.18%	3.7		
22	22-21	34	12	SS CL A 1	638.01	637.00	3.00%	4.5		
17	17-15	170	12	SS CL A 1	638.47	636.35	1.25%	28.9		
18	18-17	27	12	SS CL A 1	638.61	638.47	0.50%	3.6		



**STS CONSULTANTS**  
111 E Jefferson Ave  
Peoria, Illinois 61602  
Ph: (309) 767-8464  
Fax: (309) 767-8445  
IL Design Firm Reg. No. 184-001518

**LAFAYETTE AVE.  
BARTONVILLE IL.**

**DRAINAGE  
PLAN AND PROFILE  
STA. 22+00 TO STA. 28+00**

SURVEY	CHECKED	ISSUE DATE
DESIGN	APPROVED	PRELIM. DATE
DRAWN	CSA	PROJECT NO.

SHEET  
**33**  
OF  
**83**

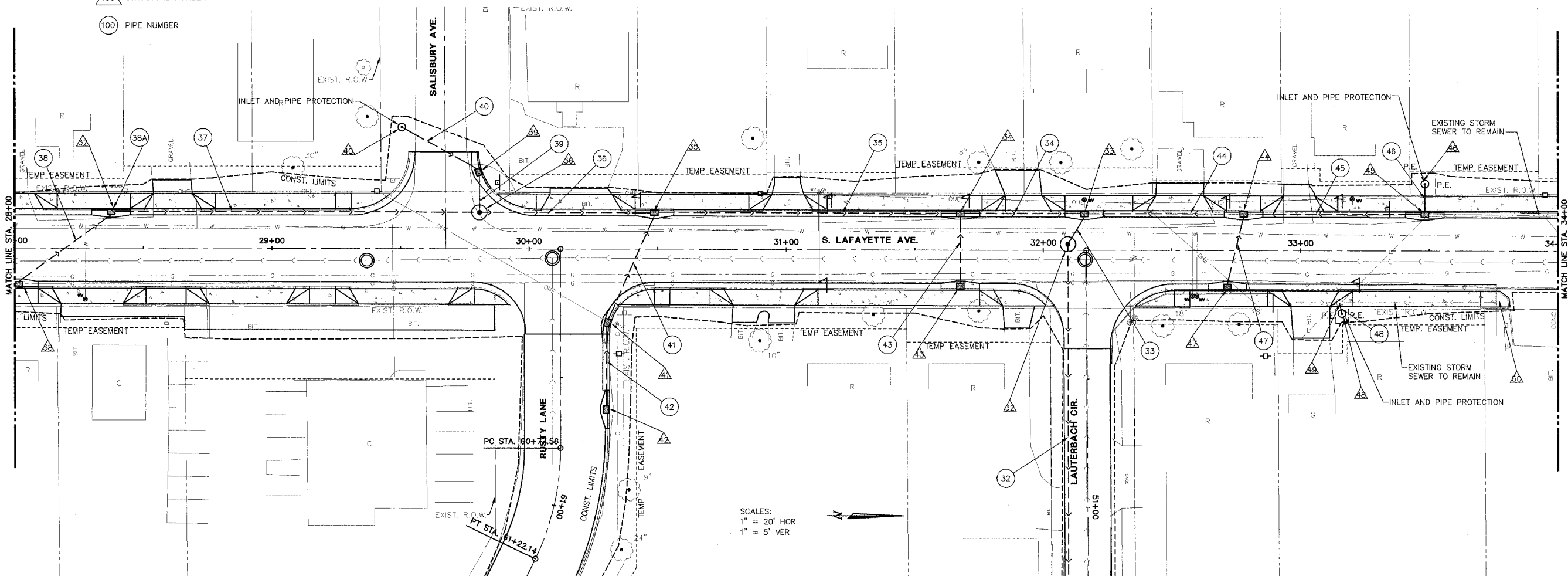
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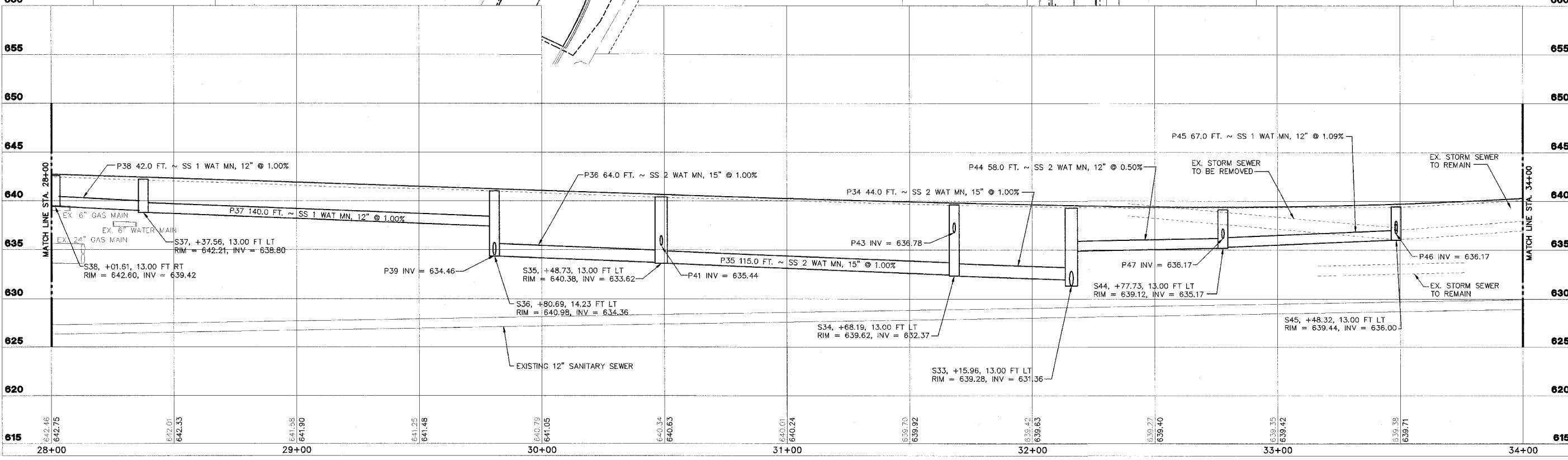
- △ STRUCTURE NUMBER
- PIPE NUMBER

**SEE THE FOLLOWING SHEET FOR  
STRUCTURE AND PIPE SCHEDULES**

F.A. RTE.	SECTION	COUNTY	CONTRACT NO.
FAU 6579	02-00065-00-PV	PEORIA	89358
FED. RD. DIST. NO.	ILLINOIS	PROJECT NO. M 503 102	

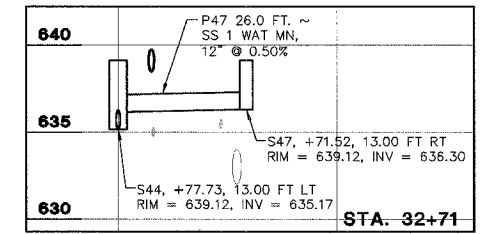
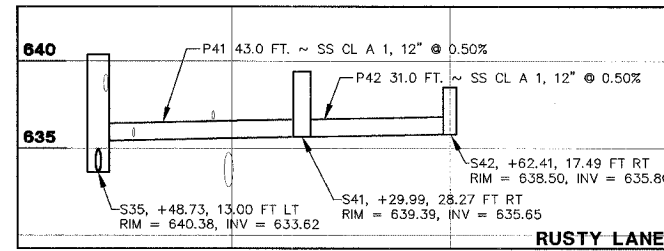
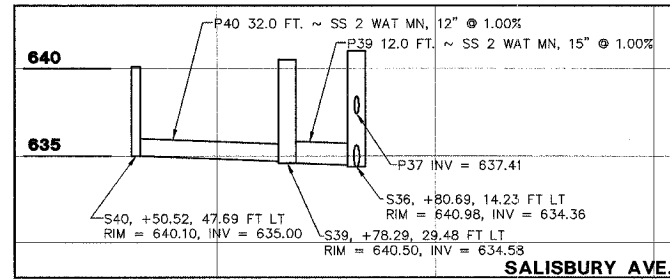


SCALES:  
1" = 20' HOR  
1" = 5' VER

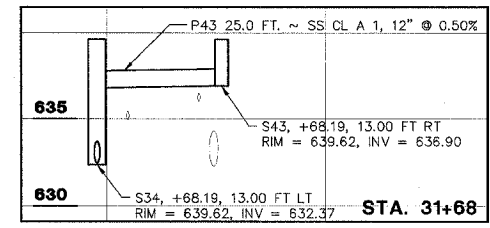


SHEET  
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OF  
**83**

<p><b>STS CONSULTANTS</b> 111 NE Jefferson Ave Peoria, Illinois 61602 PH: (309) 676-8464 FAX: (309) 676-5445 IL Design Firm Reg. No. 184-001518</p>	<p><b>LAFAYETTE AVE. BARTONVILLE IL.</b></p>		<p><b>DRAINAGE PLAN AND PROFILE STA. 28+00 TO STA. 34+00</b></p>		SURVEY	CHECKED	ISSUE DATE
					DESIGN	APPROVED	PRELIM. DATE
					DRAWN	CSA	PROJECT NO.
							BART0001



STR NO.	STATION	OFFSET	RT/LT	TYPE	F&G	RIM EL.	INV. N	INV. S	INV. E	INV. W	REMARKS
38	STA. 28+01.61	13.00	RT	INLETS MANHOLE, TYPE G-1, 4'-DIAMETER	DIAGONAL	642.55				639.42	
37	STA. 28+37.56	13.00	LT	INLETS MANHOLE, TYPE G-1, 4'-DIAMETER	DIAGONAL	642.17	638.80		638.90		
36	STA. 29+80.69	14.23	LT	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	FG TY 1 CL	640.98	634.36	637.41		634.26	
39	STA. 29+78.29	29.48	LT	INLETS MANHOLE, TYPE G-1, 4'-DIAMETER	DIAGONAL	640.50		634.48	634.58		
40	STA. 29+50.52	47.69	LT	INLET, TYPE A	TY 8	640.10	635.00				
42	STA. 60+62.41	17.49	LT	INLETS, TYPE G-1	DIAGONAL	638.50				635.80	Control Point Given for B-6.12 Curb & Gutter
41	STA. 30+29.99	28.27	RT	INLETS MANHOLE, TYPE G-1, 4'-DIAMETER	DIAGONAL	639.39				635.65	
35	STA. 30+48.73	13.00	LT	INLETS MANHOLE, TYPE G-1, 5'-DIAMETER	DIAGONAL	640.38	633.62				
34	STA. 31+68.19	13.00	LT	INLETS MANHOLE, TYPE G-1, 4'-DIAMETER	DIAGONAL	639.62	632.37	632.17	636.78		
43	STA. 31+68.19	13.00	RT	INLETS, TYPE G-1	DIAGONAL	639.62				636.90	
33	STA. 32+15.96	13.00	LT	INLETS MANHOLE, TYPE G-1, 5'-DIAMETER	DIAGONAL	639.28	634.88	631.94		631.36	
47	STA. 32+71.52	13.00	RT	INLETS, TYPE G-1	DIAGONAL	639.12				636.30	
44	STA. 32+77.73	13.00	LT	INLETS MANHOLE, TYPE G-1, 4'-DIAMETER	DIAGONAL	639.44	635.27	635.17		636.17	
45	STA. 33+48.32	13.00	LT	INLETS MANHOLE, TYPE G-1, 4'-DIAMETER	DIAGONAL	639.44	636.10(EX)	636.00		636.98	
46	STA. 33+48.31	26.38	LT	INLET, TYPE A	TY 6	639.50			637.10		
48	STA. 33+16.05	24.35	RT	INLET, TYPE A	TY 6	638.44				636.23	
49	STA. 33+15.04	20.1	RT	MANHOLE ADJUST WITH NEW TIF CL	FG TY 1 CL	639.3					EX. RIM = 637.78
50	STA. 33+76.11	19.86	RT	MANHOLE ADJUST WITH NEW TIF CL	FG TY 1 CL	640.16					EX. RIM = 639.53

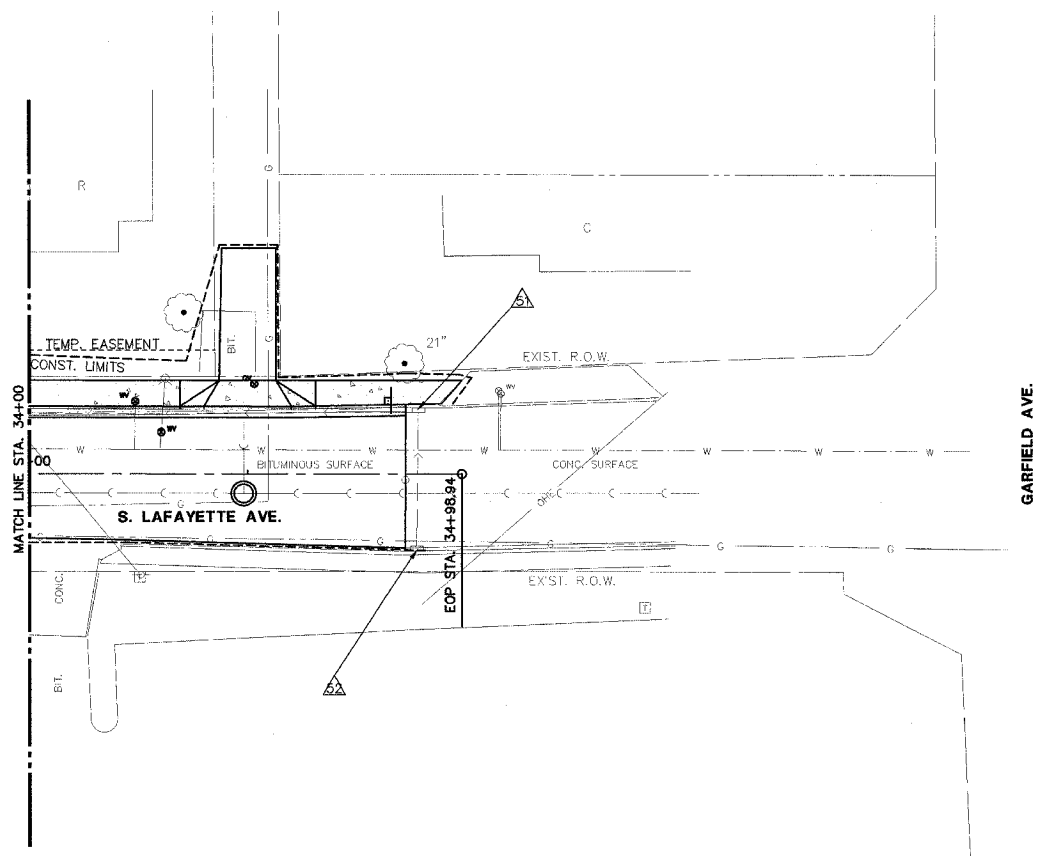


PIPE NO.	U/S - D/S	LENGTH (FT)	SIZE (IN)	CLASS/TYPE	U/S INV	D/S INV	SLOPE	TRENCH BACKFILL (CU YD.)	REMARKS
38	38-37	42	12	SS CL A 1	639.42	638.90	1.00%	5.5	
37	37-36	140	12	SS CL A 1	638.80	637.41	1.00%	25.2	
36	36-35	64	15	SS CL A 2	634.36	633.72	1.00%	58.6	
39	39-36	12	15	SS CL A 2	634.58	634.46	1.00%	8.9	
40	40-39	32	12	SS CL A 2	635.00	634.68	1.00%	15.2	
42	42-41	31	12	SS CL A 1	635.8	635.65	0.50%	4.7	
41	41-35	43	12	SS CL A 1	635.65	635.44	0.50%	12.0	
35	35-34	115	15	SS CL A 2	633.62	632.47	1.00%	101.4	
34	34-33	44	15	SS CL A 2	632.37	631.94	1.00%	41.4	
43	43-34	25	12	SS CL A 1	636.9	636.78	0.50%	3.3	
47	47-44	26	12	SS CL A 1	636.3	636.17	0.50%	3.4	
44	44-33	58	12	SS CL A 2	635.17	634.88	0.50%	14.9	
45	45-44	67	12	SS CL A 1	636.00	635.27	1.09%	13	
46	46-45	9	12	SS CL A 1	637.10	636.98	1.50%	1.2	
48	48-49	2	12	SS CL A 1	636.23	636.18	2.50%	0.3	
38A	38A-37	5	6	PIPE DRAIN	639.10	639.00	2.00%	0.5	CAP U.S. END

STS CONSULTANTS 111 NE Jefferson Ave. Peoria, Illinois 61602 PH(309)678-8464 FAX(309)676-5445 IL Design Firm Reg. No. 184-001518	LAFAYETTE AVE. BARTONVILLE IL.	DRAINAGE PLAN AND PROFILE STA. 28+00 TO STA. 34+00		SURVEY DESIGN DRAWN CSA	CHECKED APPROVED	ISSUE DATE 01/06/06 PRELIM. DATE 11/21/05 PROJECT NO. BART0001
		SHEET <b>35</b> OF <b>83</b>				

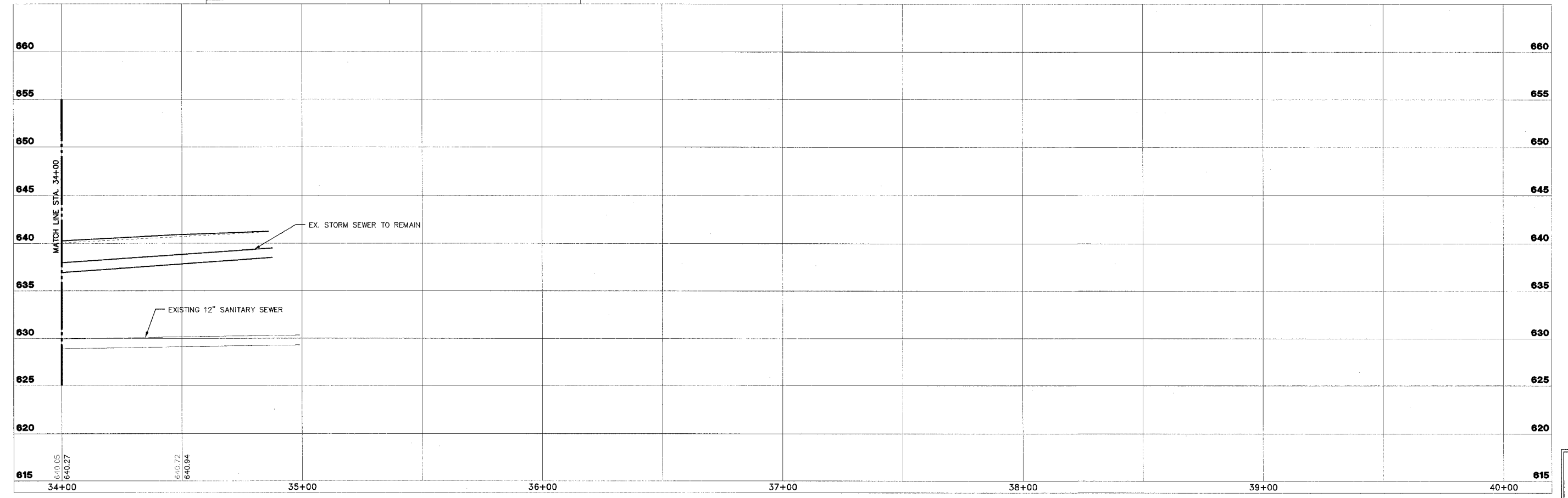
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F.A. RTE.	SECTION	COUNTY	CONTRACT NO.
FAU 6579	02-00065-00-PV	PEORIA	89358
FED. RD. DIST. NO.	ILLINOIS PROJECT NO. M 503 102		



STRUCTURE SCHEDULE											
STR NO.	STATION	OFFSET	RT/LT	TYPE	F&G	RM.BL.	INV. N	INV. S	INV. E	INV. W	REMARKS
51	STA. 34+88.89	14.74	LT	INLET ADJUST WITH NEW TG1 F&G	DIAGONAL	640.91					
52	STA. 34+88.89	17.02	RT	INLET ADJUST WITH NEW TG1 F&G	DIAGONAL	641.04					

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





 <b>STS CONSULTANTS</b> 111 NE Jefferson Ave. Peoria, Illinois 61602 PH: (309) 676-8464 FAX: (309) 676-3445 IL Design Firm Reg. No. 184-001518	<b>LAFAYETTE AVE.          BARTONVILLE IL.</b>		<b>DRAINAGE          PLAN AND PROFILE          STA. 34+00 TO STA. 34+86.02</b>		SURVEY	CHECKED	ISSUE DATE
					DESIGN	APPROVED	PRELIM. DATE
					DRAWN	CSA	PROJECT NO.
							BART0001

SHEET  
**36**  
 OF  
**83**

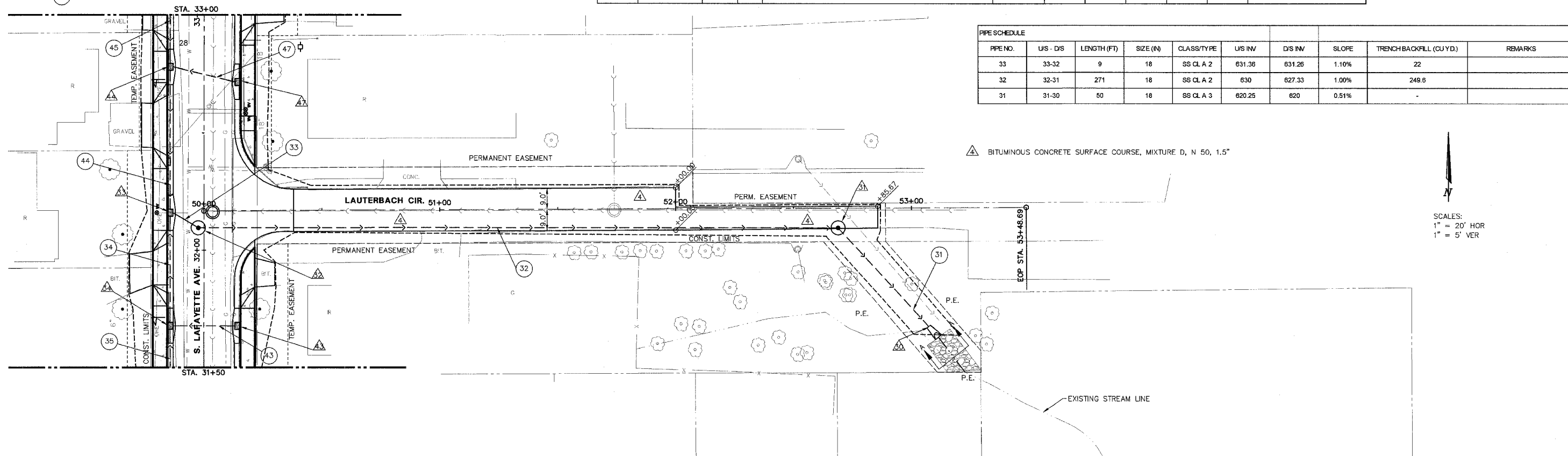
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### LEGEND

-  STRUCTURE NUMBER
-  PIPE NUMBER

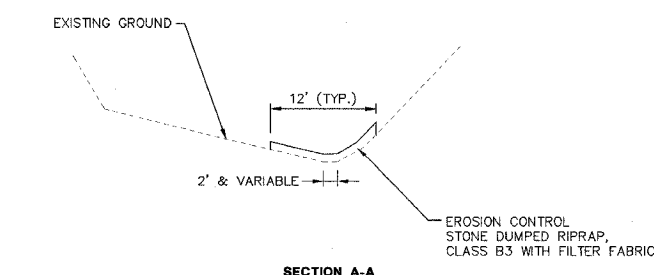
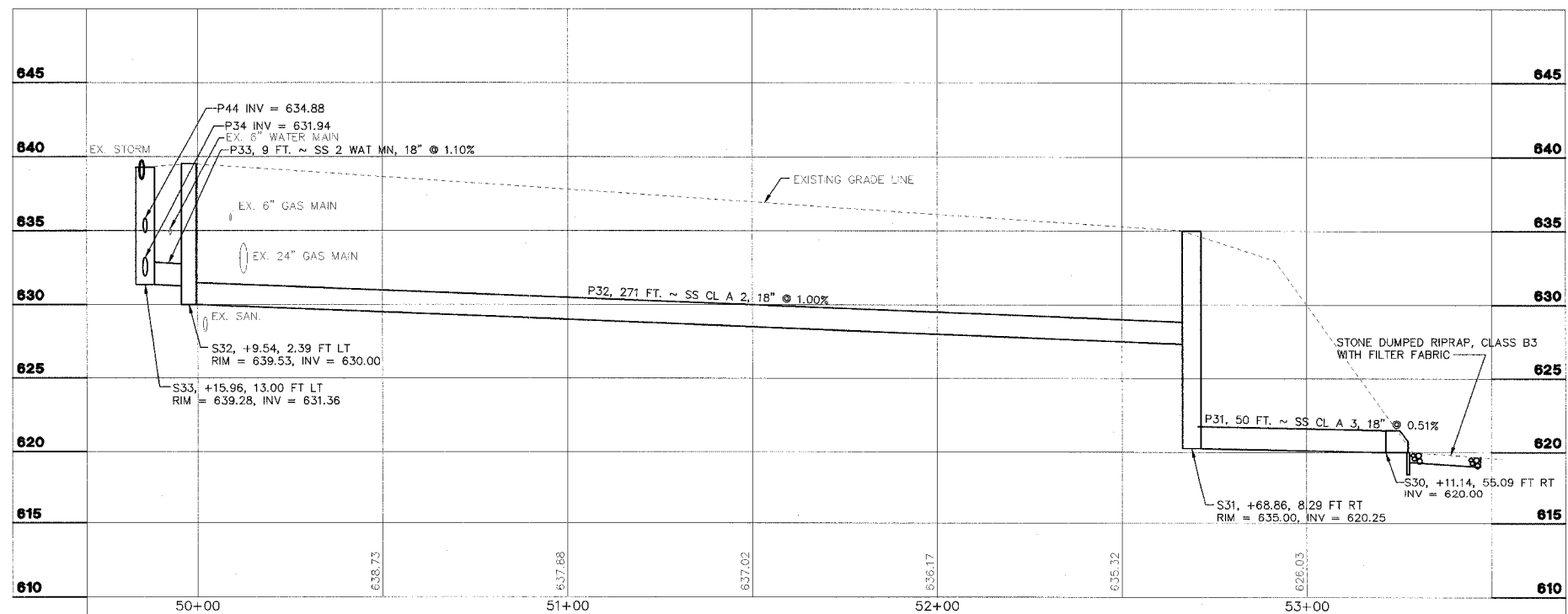
STRUCTURE SCHEDULE											
STR NO.	STATION	OFFSET	RT/LT	TYPE	F&G	RIM EL.	INV. N	INV. S	INV. E	INV. W	REMARKS
30	STA. 53+11.14	55.09	RT	PRECAST REINFORCED CONC. FLARED END SEC., 18"						620.00	
31	STA. 52+68.86	8.29	RT	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	FG TY 1 CL	635.00			620.25	627.33	
32	STA. 32+09.54	2.39	LT	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	FG TY 1 CL	639.53			630.00	631.26	

PIPE SCHEDULE										
PIPE NO.	U/S - D/S	LENGTH (FT)	SIZE (IN)	CLASS/TYPE	U/S INV	D/S INV	SLOPE	TRENCH BACKFILL (CUYD)	REMARKS	
33	33-32	9	18	SS CL A 2	631.36	631.26	1.10%	22		
32	32-31	271	18	SS CL A 2	630	627.33	1.00%	249.6		
31	31-30	50	18	SS CL A 3	620.25	620	0.51%			

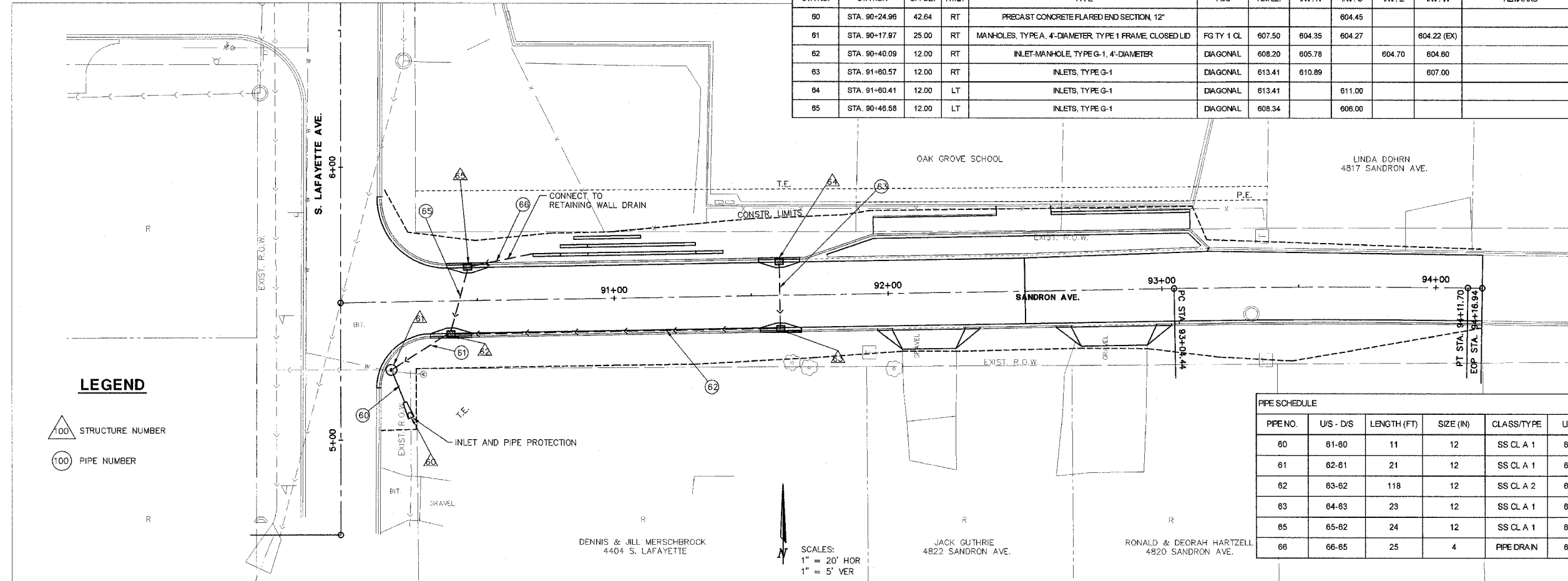


 BITUMINOUS CONCRETE SURFACE COURSE, MIXTURE D, N 50, 1.5"

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



STR. NO.	STATION	OFFSET	RT/LT	TYPE	F&G	RIM EL.	INV. N	INV. S	INV. E	INV. W	REMARKS
60	STA. 90+24.96	42.64	RT	PRECAST CONCRETE FLARED END SECTION, 12"				604.45			
61	STA. 90+17.97	25.00	RT	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	FG TY 1 CL	607.50	604.35	604.27		604.22 (EX)	
62	STA. 90+40.09	12.00	RT	INLET-MANHOLE, TYPE G-1, 4'-DIAMETER	DIAGONAL	608.20	605.78		604.70	604.60	
63	STA. 91+60.57	12.00	RT	INLETS, TYPE G-1	DIAGONAL	613.41	610.89			607.00	
64	STA. 91+60.41	12.00	LT	INLETS, TYPE G-1	DIAGONAL	613.41		611.00			
65	STA. 90+46.58	12.00	LT	INLETS, TYPE G-1	DIAGONAL	608.34		606.00			



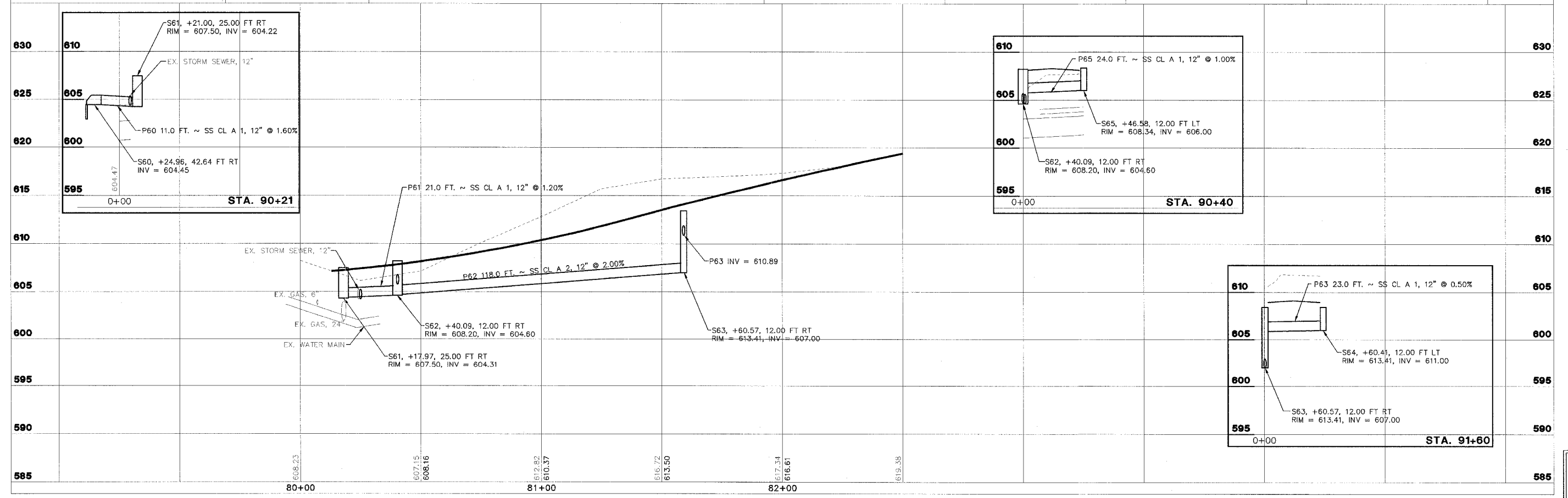
**LEGEND**

△ 100 STRUCTURE NUMBER

○ 100 PIPE NUMBER

PIPE NO.	US - DIS	LENGTH (FT)	SIZE (IN)	CLASS/TYPE	US INV	DIS INV	SLOPE	TRENCH BACKFILL (CU YD)
60	61-60	11	12	SS CL A 1	604.45	604.27	1.60%	-
61	62-61	21	12	SS CL A 1	604.60	604.35	1.20%	1.0
62	63-62	118	12	SS CL A 2	607.00	604.70	2.00%	38.0
63	64-63	23	12	SS CL A 1	611.00	610.89	0.50%	2.9
65	65-62	24	12	SS CL A 1	606.00	605.78	1.00%	3.6
66	66-65	25	4	PIPE DRAIN	608.50	606.00	10.00%	-

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



**STS CONSULTANTS**  
111 NE Jefferson Ave.  
Peoria, Illinois 61602  
Ph: (309) 675-8484  
Fax: (309) 675-5445  
IL Design Firm Reg. No. 184-001518

**LAFAYETTE AVE.**  
**BARTONVILLE IL.**

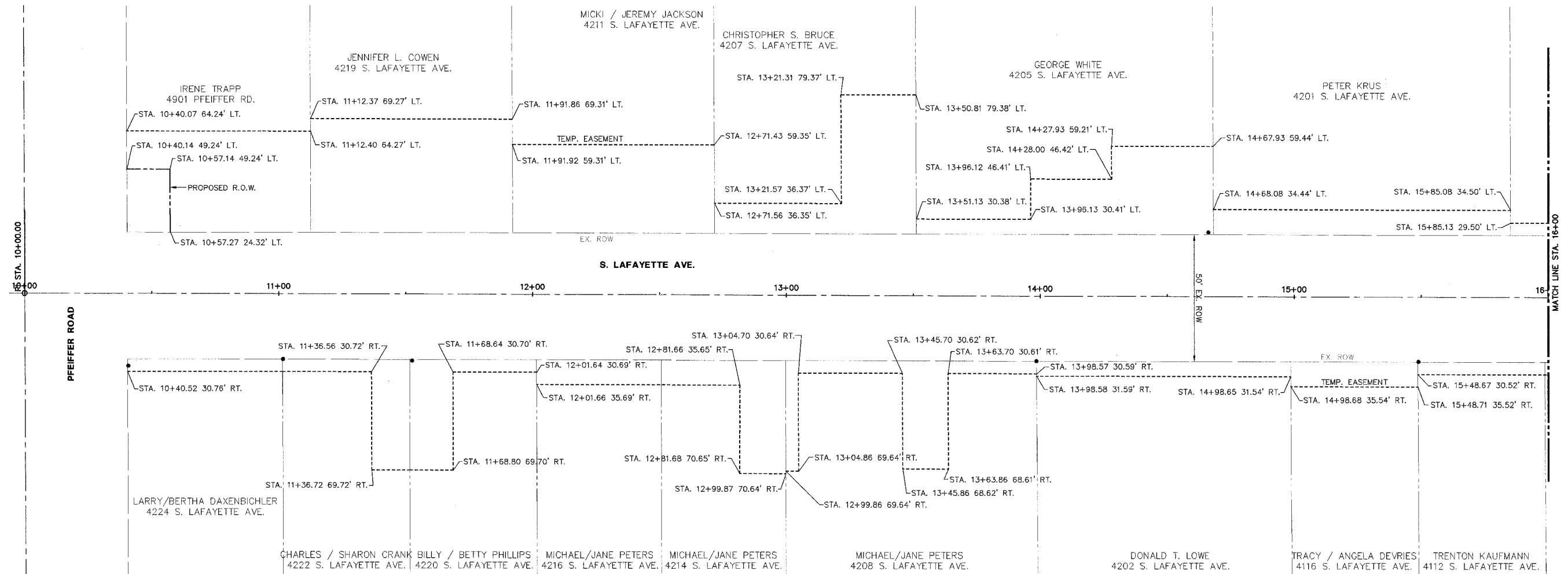
**SANDRON AVENUE**  
**DRAINAGE**  
**PLAN AND PROFILES**  
**STA. 90+13 TO STA. 95+00**

SURVEY	CHECKED	ISSUE DATE
DESIGN	APPROVED	PRELIM. DATE
DRAWN	CSA	PROJECT NO.
		BART0001

SHEET  
**38**  
OF  
**83**

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F.A. RTE.	SECTION	COUNTY	CONTRACT NO.
FAU 6579	02-00065-00-PV	PEORIA	89358
FED. RD. DIST. NO.	ILLINOIS	PROJECT NO. M. M 503 102	



SCALES:  
1" = 20' HOR



LEGEND  
● - FOUND SURVEY MARKER

SHEET  
**39**  
OF  
**83**

**STS CONSULTANTS**  
111 NE Jefferson Ave.  
Peoria, Illinois 61602  
Ph: (309) 676-8464  
Fax: (309) 676-5445  
Ill. Design Firm Reg. No. 184-001518

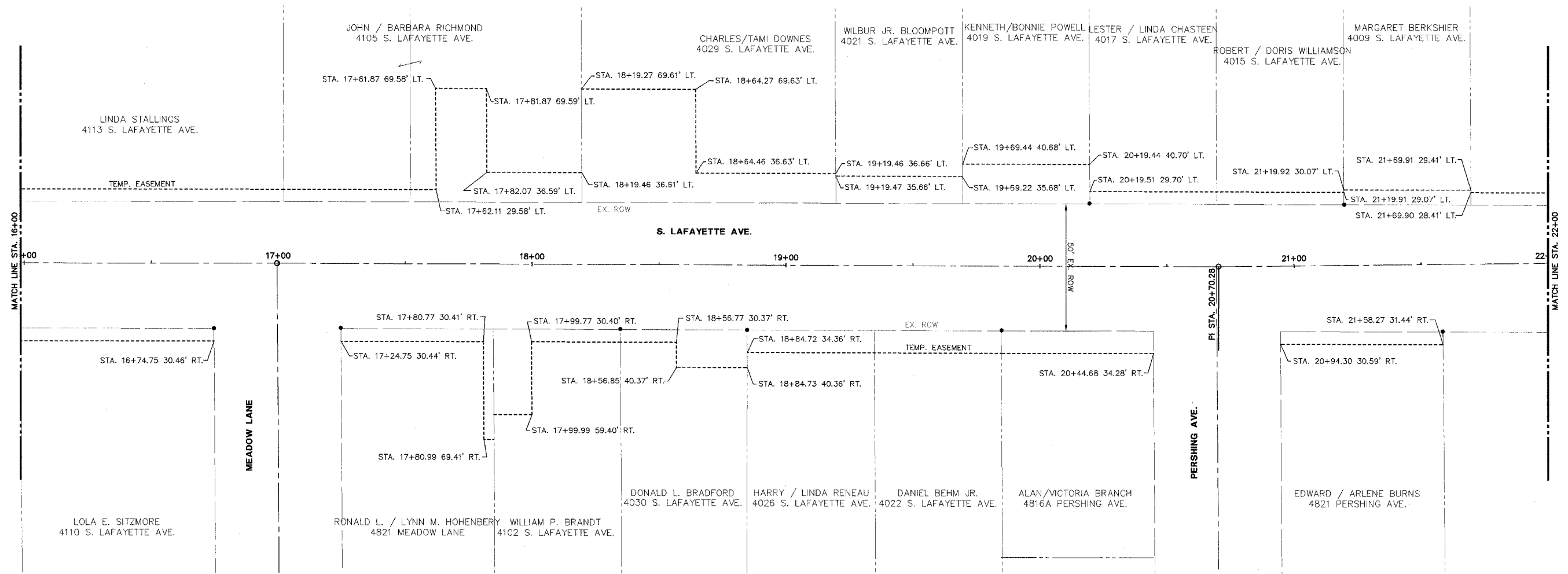
**LAFAYETTE AVE.  
BARTONVILLE IL.**

**ROW STRIP MAP  
STA. 10+00 TO STA. 16+00**

SURVEY	CHECKED	ISSUE DATE
DESIGN	APPROVED	01/06/06
DRAWN	CSA	PRELIM. DATE 11/21/05
		PROJECT NO. BART0001

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F.A. RTE.	SECTION	COUNTY	CONTRACT NO.
FAU 6579	02-00065-00-PV	PEORIA	89358
FED. RD. DIST. NO.	ILLINOIS	PROJECT	NO. M 503 102



SCALES:  
1" = 20' HOR

LEGEND:  
● - FOUND SURVEY MARKER

**STS CONSULTANTS**  
111 NE Jefferson Ave.  
Peoria, Illinois 61602  
Ph: (309) 676-8484  
Fax: (309) 676-5445  
IL Design Firm Reg. No. 184-001518

**LAFAYETTE AVE.  
BARTONVILLE IL.**

**ROW STRIP MAP  
STA. 16+00 TO STA. 22+00**

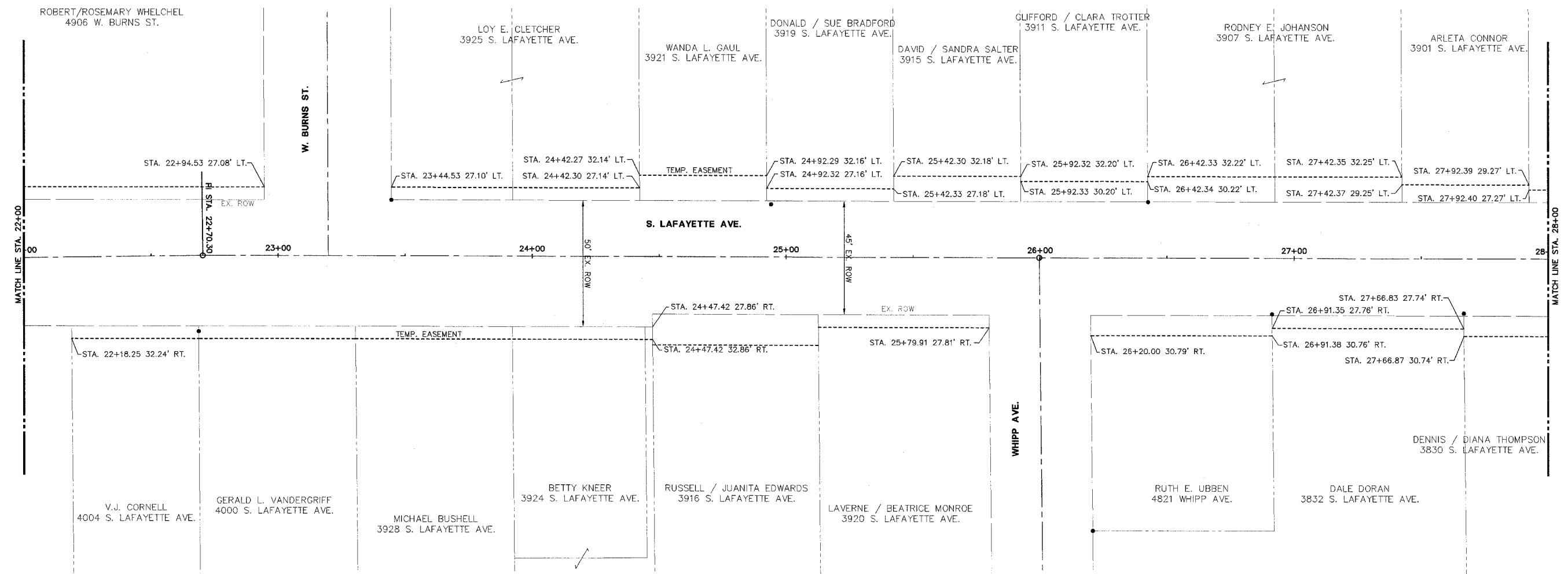
SURVEY	CHECKED	ISSUE DATE
DESIGN	APPROVED	PRELIM. DATE
DRAWN	CSA	PROJECT NO.
		BART0001

SHEET  
**40**  
OF  
**83**

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F.A. RTE.	SECTION	COUNTY	CONTRACT NO.
FAU 6579	02-00065-00-PV	PEORIA	89358
FED. RD. DIST. NO.	ILLINOIS	PROJECT	NO. M. 503 102



SCALES:  
1" = 20' HOR



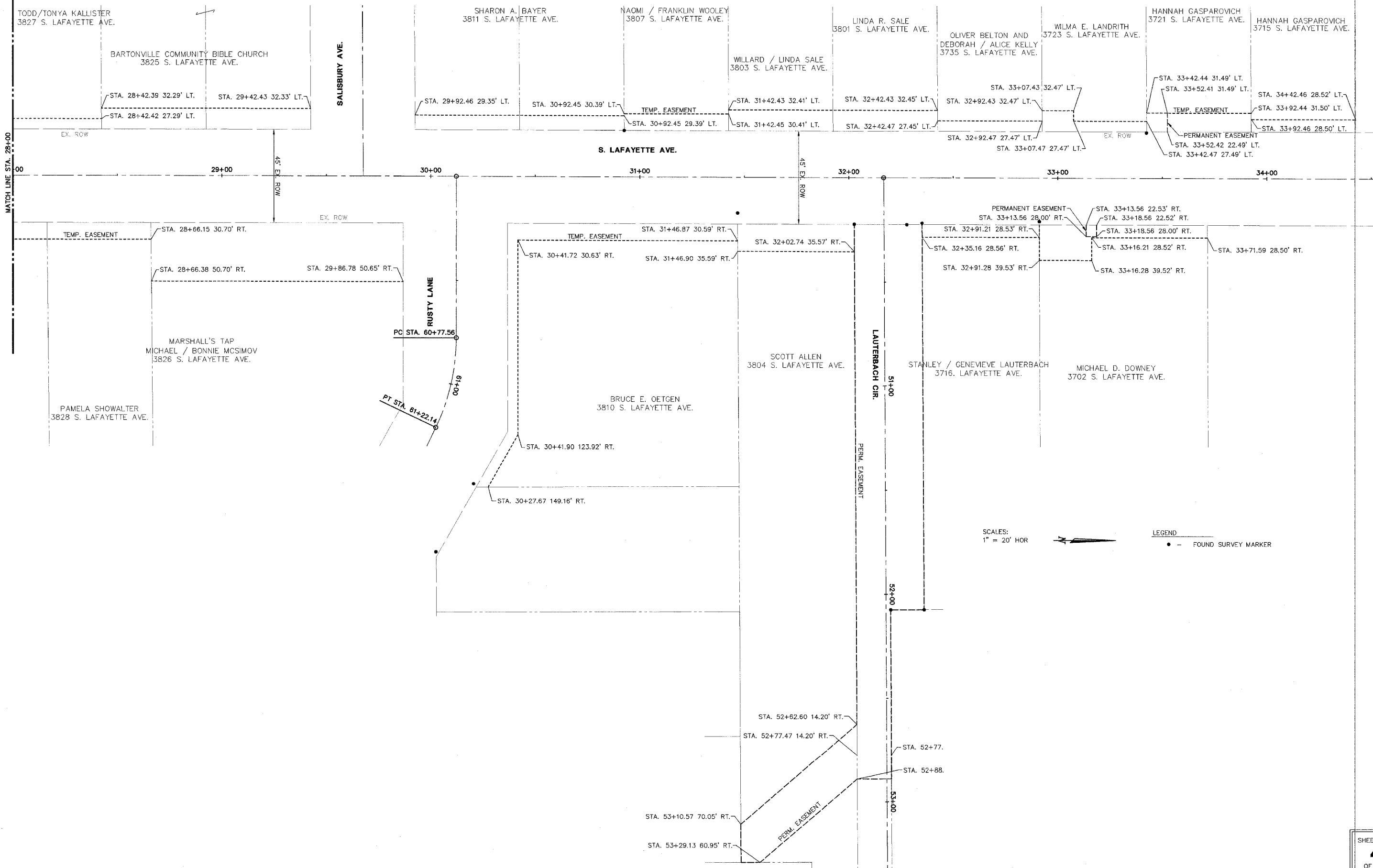
LEGEND  
● - FOUND SURVEY MARKER

SHEET  
**41**  
OF  
**83**

<p><b>STS CONSULTANTS</b> 111 NE Jefferson Ave. Peoria, Illinois 61602 Ph: (309) 676-8484 Fax: (309) 676-5445 L. Design Firm Reg. No. 184-001518</p>	<p><b>LAFAYETTE AVE. BARTONVILLE IL.</b></p>	<p><b>ROW STRIP MAP STA. 22+00 TO STA. 28+00</b></p>	SURVEY	CHECKED	ISSUE DATE
			DESIGN	APPROVED	PRELIM. DATE
			DRAWN	CSA	PROJECT NO. BART0001

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F.A. RTE.	SECTION	COUNTY	CONTRACT NO.
FAU 6579	02-00065-00-PV	PEORIA	89358
FED. RD. DIST. NO.	ILLINOIS PROJECT	NO. M 503 102	



SCALES:  
1" = 20' HOR

LEGEND  
● - FOUND SURVEY MARKER

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111 NE Jefferson Ave.  
Peoria, Illinois 61602  
PH (309) 676-8464  
FAX (309) 676-5445  
IL Design Firm Reg. No. 184-001518

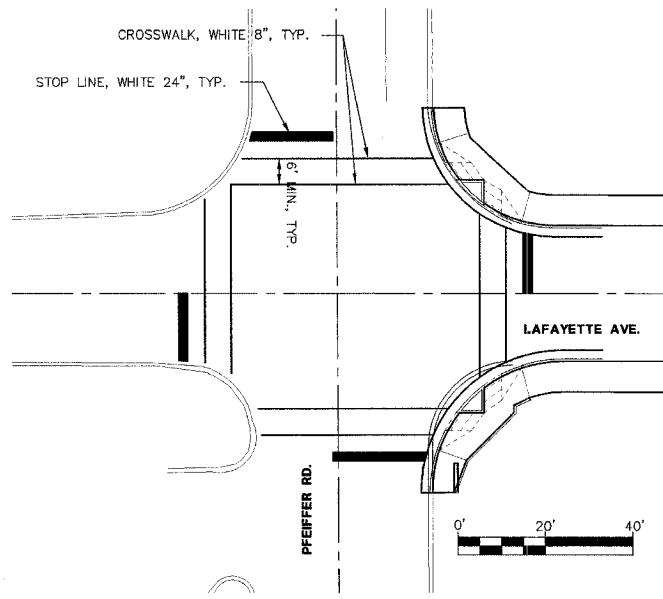
**LAFAYETTE AVE.  
BARTONVILLE IL.**

**ROW STRIP MAP  
STA. 28+00 TO STA. 34+00**

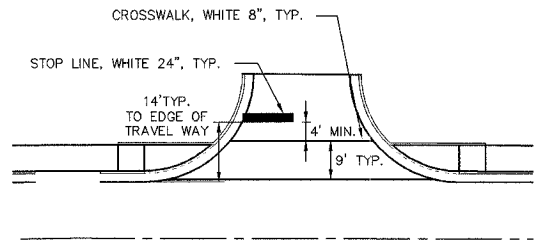
SURVEY	CHECKED	ISSUE DATE
DESIGN	APPROVED	PRELIM. DATE
DRAWN	CSA	PROJECT NO.
		BART0001

SHEET  
**42**  
OF  
**83**

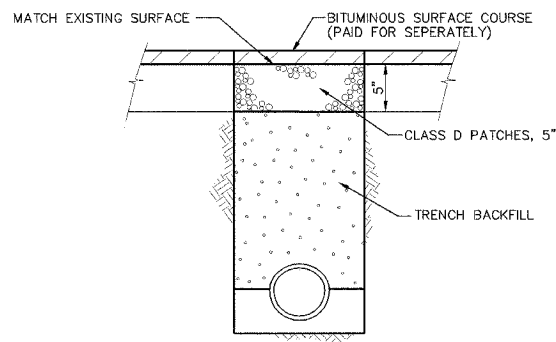
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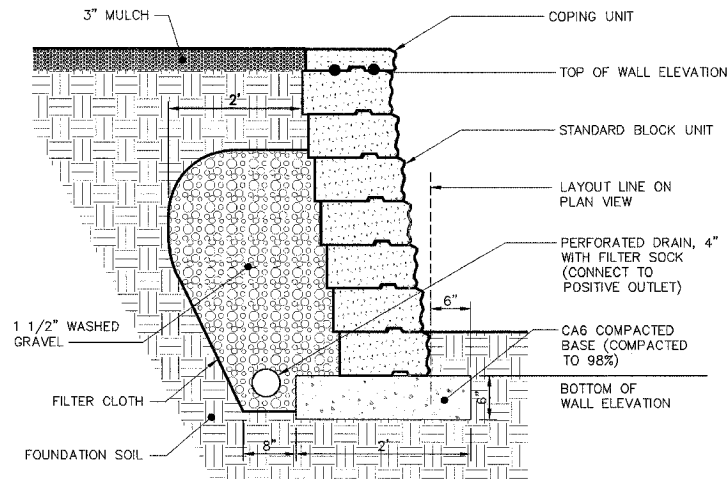
**INTERSECTION PAVEMENT MARKING DETAIL**  
SCALE: N.T.S.



**CROSSWALK AND STOP BAR DETAIL (TYPICAL)**  
SCALE: N.T.S.



**TRENCH BACKFILL PATCHING DETAILS**  
SCALE: N.T.S.

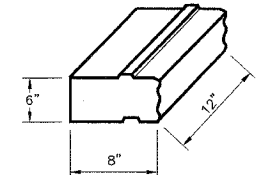


PISA 2 BASE

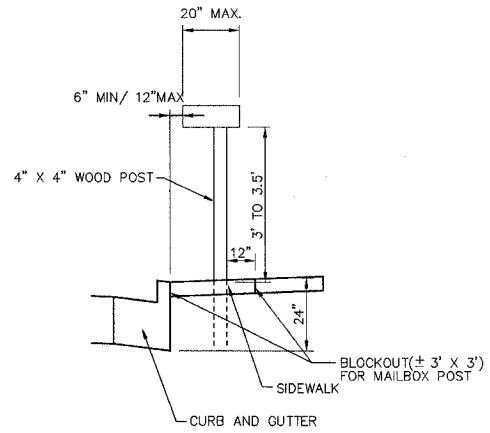
**RETAINING WALL NOTES:**

1. WALL SHALL BE MODULAR RETAINING WALL SYSTEM AS MANUFACTURED BY UNILOCK, OR PAVELOC INDUSTRIES OR APPROVED EQUIVALENT.
2. THE COMPLETE WALL SHALL BE BUILT PER DESIGN AND MANUFACTURER'S DETAILS AND SPECIFICATIONS.
3. COLOR SHALL BE NATURAL.
4. THE CONTRACTOR SHALL LAYOUT AND STAKE THE ENTIRE WALL PRIOR TO CONSTRUCTION. REVIEW THE ENTIRE LAYOUT WITH THE OWNER PRIOR TO STARTING THE WORK.
5. SECURE COPING UNITS TO THE WALL PER MANUFACTURER'S DIRECTION.
6. ALL EXPOSED CORNERS SHALL BE STANDARD CORNER UNITS.
7. BASE COURSE SHALL BE INSTALLED PER BOTH MANUFACTURERS RECOMMENDATION FOR STRAIGHT WALLS AND FOR CURVED WALLS.
8. DRAIN TILE BEHIND THE WALL SHALL BE STANDARD ADS 4\"/>

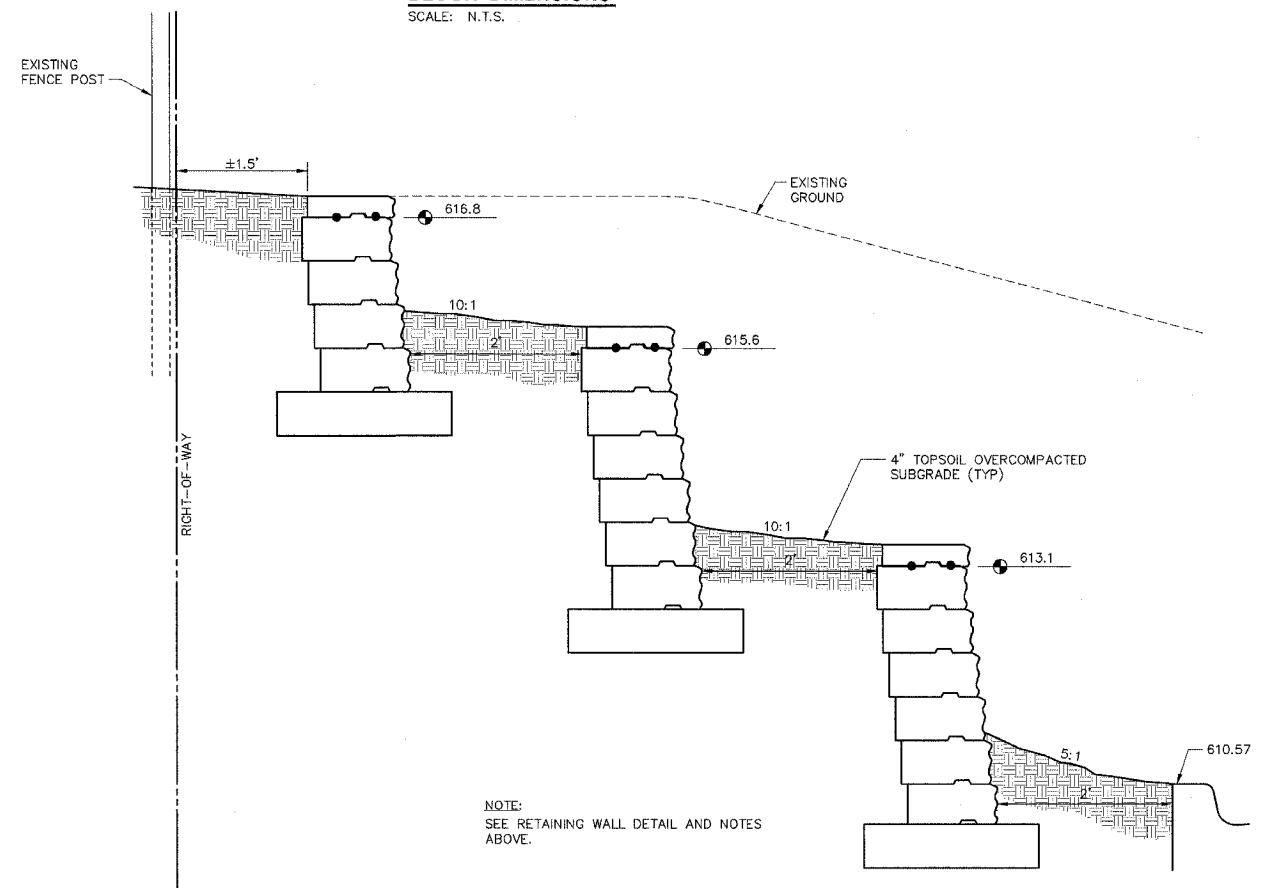
**RETAINING WALL**  
SCALE: N.T.S.



**BLOCK DIMENSIONS**  
SCALE: N.T.S.



**MAILBOX PLACEMENT DETAIL**  
SCALE: N.T.S.

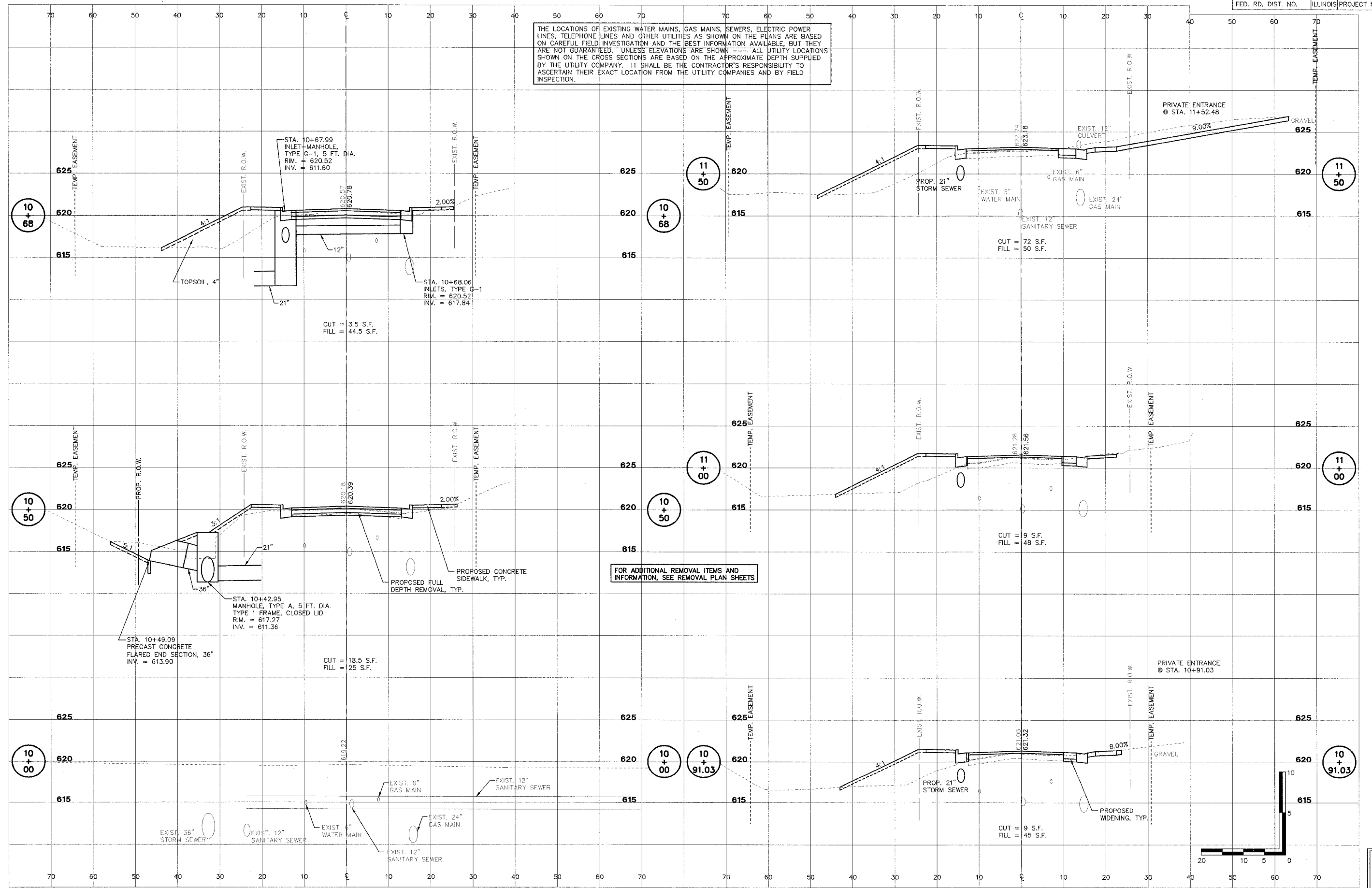


NOTE:  
SEE RETAINING WALL DETAIL AND NOTES ABOVE.

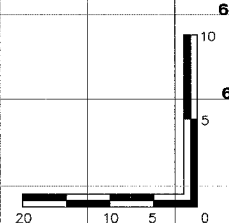
**SECTION THROUGH MODULAR WALLS**  
**STATION 91+00 - LOOKING EAST**  
SCALE: N.T.S.



THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, SEWERS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT THEY ARE NOT GUARANTEED. UNLESS ELEVATIONS ARE SHOWN --- ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY COMPANY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.



FOR ADDITIONAL REMOVAL ITEMS AND INFORMATION, SEE REMOVAL PLAN SHEETS



**STS CONSULTANTS**  
 111 NE Jefferson Ave  
 Peoria, Illinois 61602  
 PH (309) 676-8484  
 FAX (309) 676-5445  
 IL Design Firm Reg. No. 184-001618

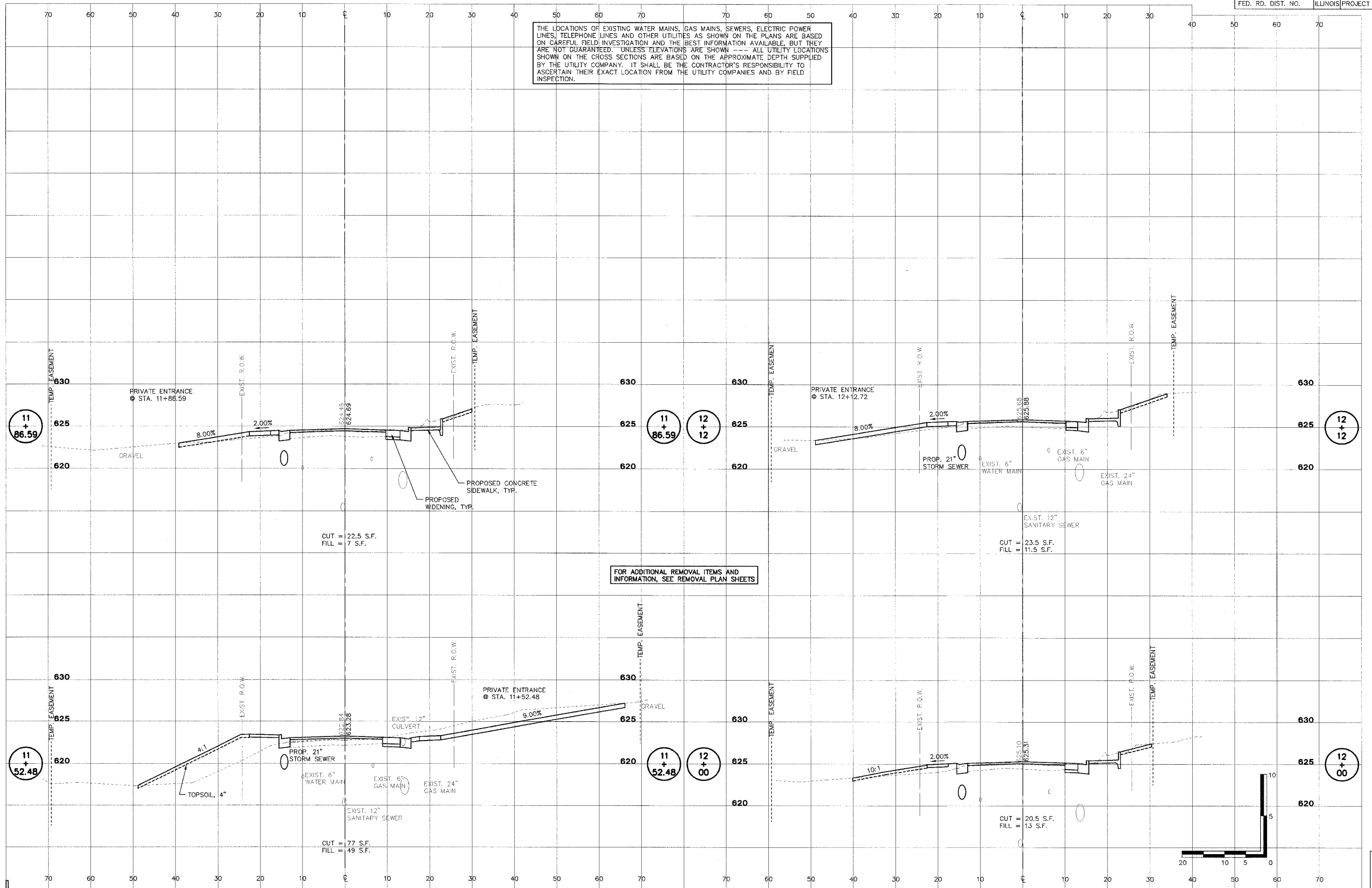
**LAFAYETTE AVE.  
 BARTONVILLE IL.**

**CROSS SECTIONS  
 STA. 10+00 TO STA. 11+50**

SURVEY	CHECKED	ISSUE DATE
DESIGN	APPROVED	PRELIM. DATE
DRAWN		PROJECT NO.

SHEET  
**45**  
 OF  
**83**  
 ISSUE DATE 01/06/06  
 PRELIM. DATE 11/21/05  
 PROJECT NO. BART0001

THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, SEWERS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT THEY ARE NOT GUARANTEED. UNLESS ELEVATIONS ARE SHOWN --- ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY COMPANY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.



FOR ADDITIONAL REMOVAL ITEMS AND INFORMATION, SEE REMOVAL PLAN SHEETS



LAFAYETTE AVE.  
BARTONVILLE IL.

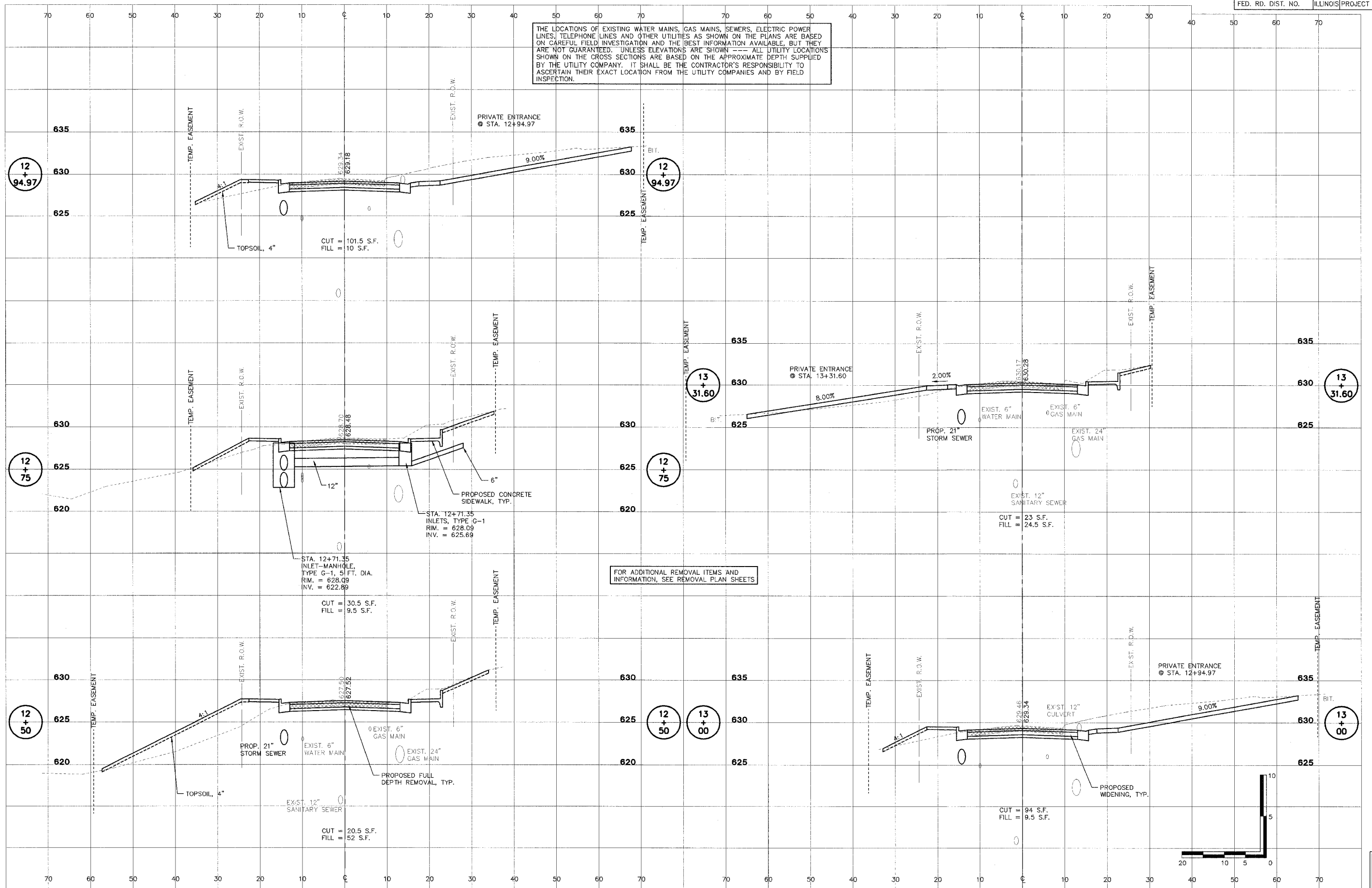
CROSS SECTIONS  
STA. 11+52.48 TO STA. 12+12

SURVEY	CHECKED	ISSUE DATE
DESIGN	APPROVED	PRELIM. DATE
DRAWN	DEH	PROJECT NO.
		BART0001

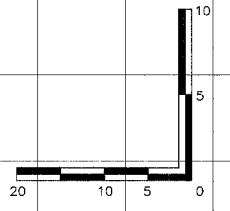
SHEET  
OF  
46  
83

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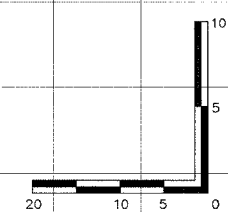
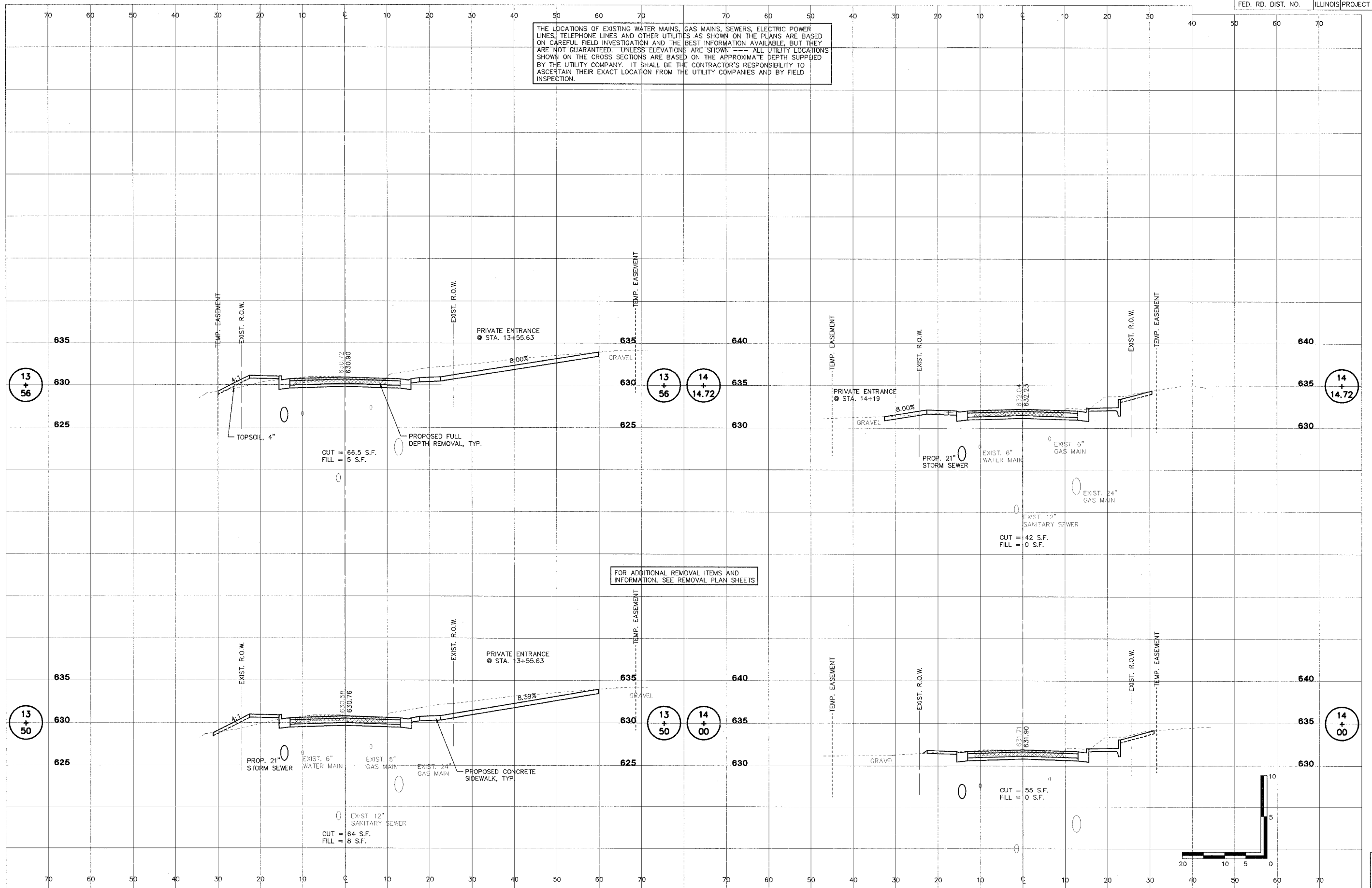
THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, SEWERS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT THEY ARE NOT GUARANTEED. UNLESS ELEVATIONS ARE SHOWN --- ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY COMPANY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.



FOR ADDITIONAL REMOVAL ITEMS AND INFORMATION, SEE REMOVAL PLAN SHEETS



THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, SEWERS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT THEY ARE NOT GUARANTEED. UNLESS ELEVATIONS ARE SHOWN --- ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY COMPANY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.



SHEET  
**48**  
OF  
**83**

**STC** STS CONSULTANTS  
111 NE Jefferson Ave.  
Peoria, Illinois 61602  
PH(309)678-6464  
FAX(309)678-5445  
E-Design Firm Reg. No. 184-001518

**LAFAYETTE AVE.  
BARTONVILLE IL.**

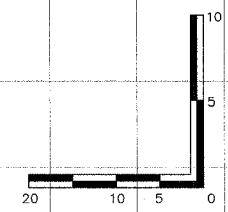
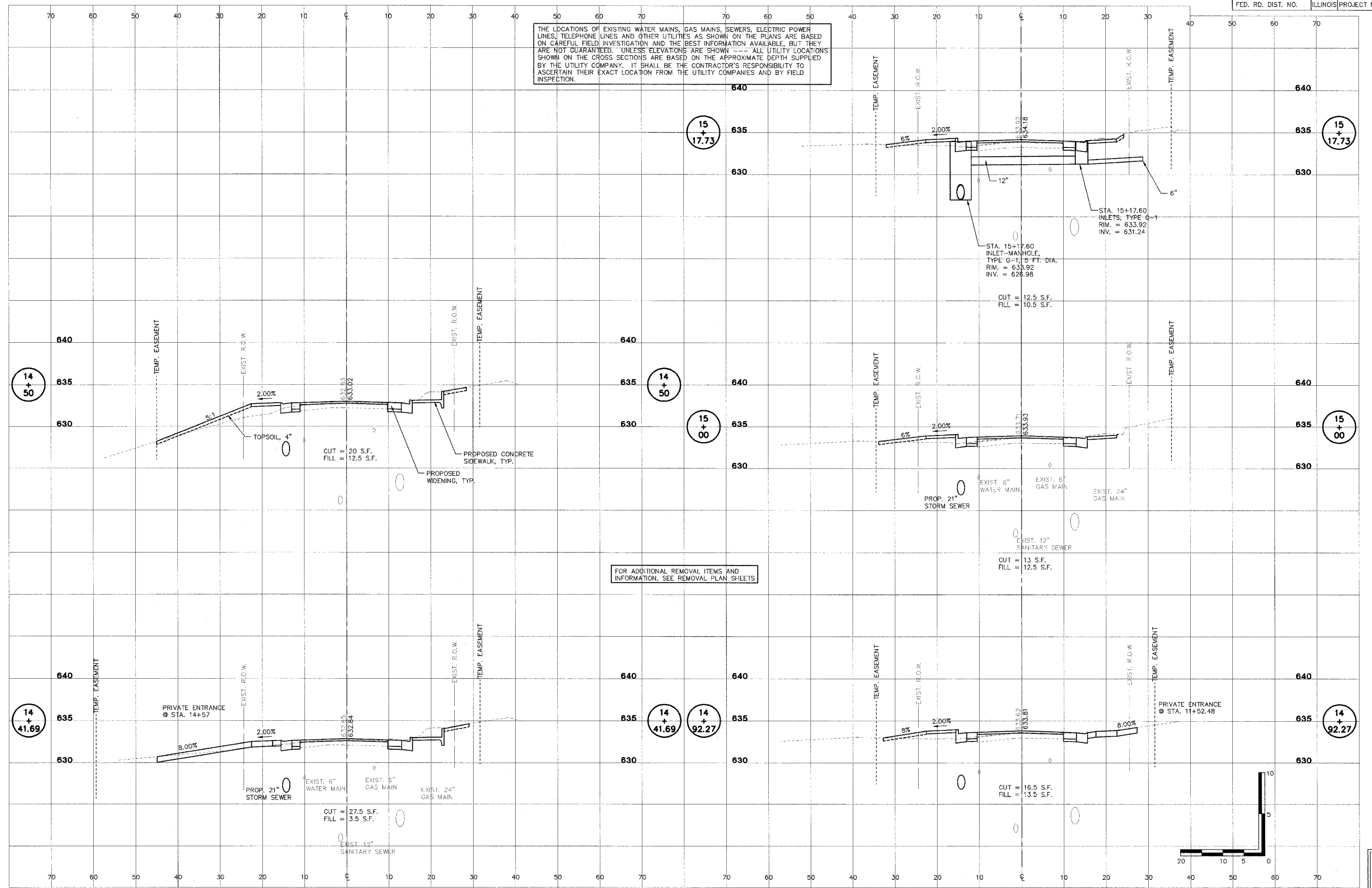
**CROSS SECTIONS  
STA. 13+50 TO STA. 14+72**

SURVEY	CHECKED	ISSUE DATE
DESIGN	APPROVED	PRELIM. DATE
DRAWN	DEH	PROJECT NO.
		BART0001

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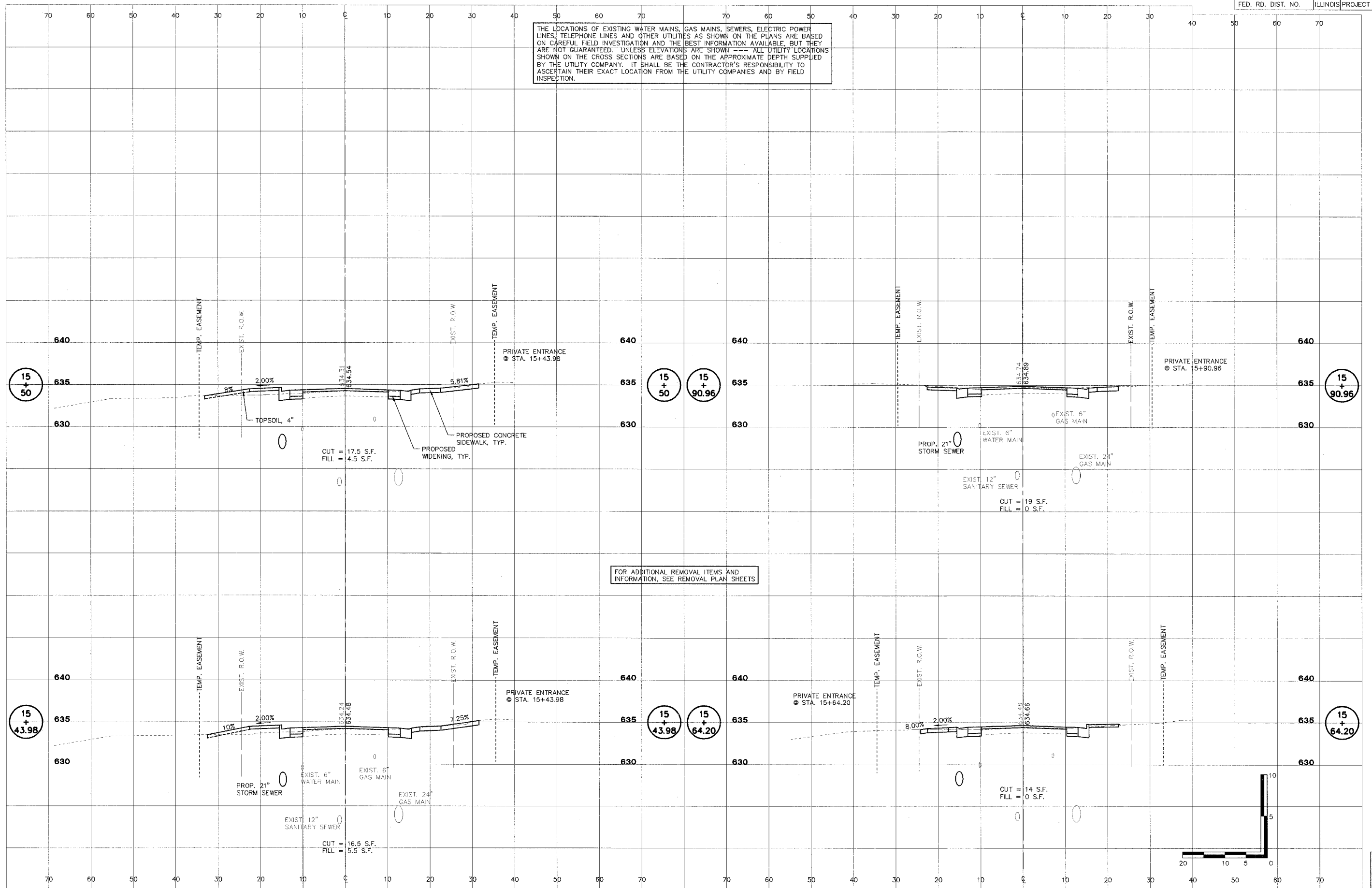
THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, SEWERS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT THEY ARE NOT GUARANTEED. UNLESS ELEVATIONS ARE SHOWN --- ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY COMPANY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.



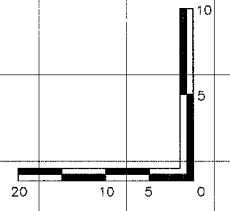
SHEET  
**49**  
OF  
**83**

F.A. RTE.	SECTION	COUNTY	CONTRACT NO.
FAU 6579	02-00065-00-PV	PEORIA	89358
FED. RD. DIST. NO.	ILLINOIS	PROJECT NO.	M 503 102

THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, SEWERS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT THEY ARE NOT GUARANTEED. UNLESS ELEVATIONS ARE SHOWN --- ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY COMPANY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.



FOR ADDITIONAL REMOVAL ITEMS AND INFORMATION, SEE REMOVAL PLAN SHEETS



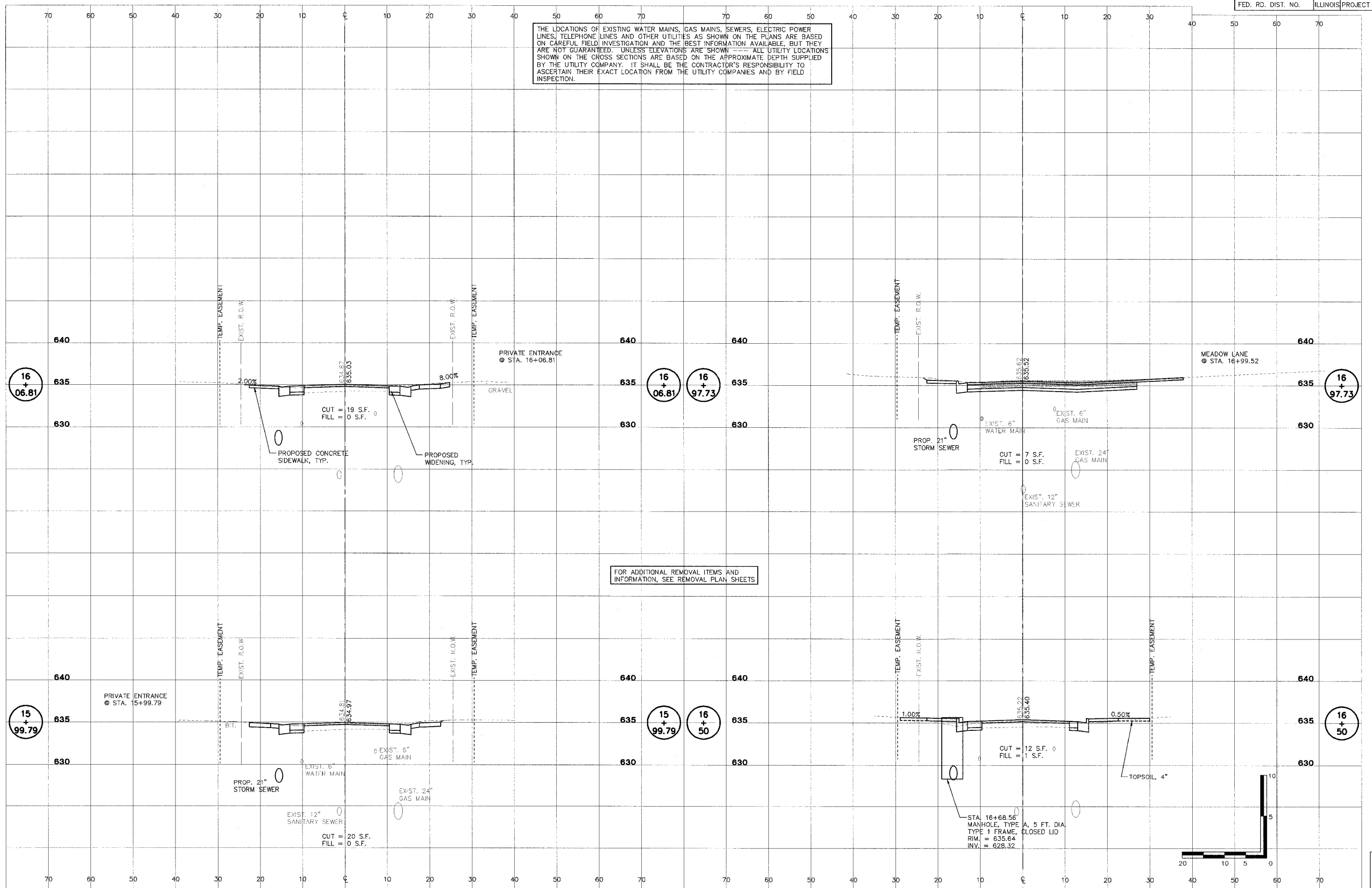
SHEET  
50  
OF  
83

<p><b>STS CONSULTANTS</b> 111 NE Jefferson Ave. Peoria, Illinois 61602 PH(309)678-8484 FAX(309)678-5445 IL Design Firm Reg. No. 184-001518</p>	<b>LAFAYETTE AVE. BARTONVILLE IL.</b>		<b>CROSS SECTIONS STA. 15+43.98 TO STA. 15+90.96</b>		SURVEY DESIGN DRAWN DEH	CHECKED APPROVED	ISSUE DATE 07/06/06 PRELIM. DATE 11/21/05 PROJECT NO. BART0001
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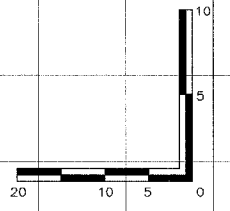
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F.A. RTE.	SECTION	COUNTY	CONTRACT NO.
FAU 6579	02-00065-00-PV	PEORIA	89358
FED. RD. DIST. NO.	ILLINOIS	PROJECT NO.	M 503 102

THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, SEWERS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT THEY ARE NOT GUARANTEED. UNLESS ELEVATIONS ARE SHOWN --- ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY COMPANY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.



FOR ADDITIONAL REMOVAL ITEMS AND INFORMATION, SEE REMOVAL PLAN SHEETS

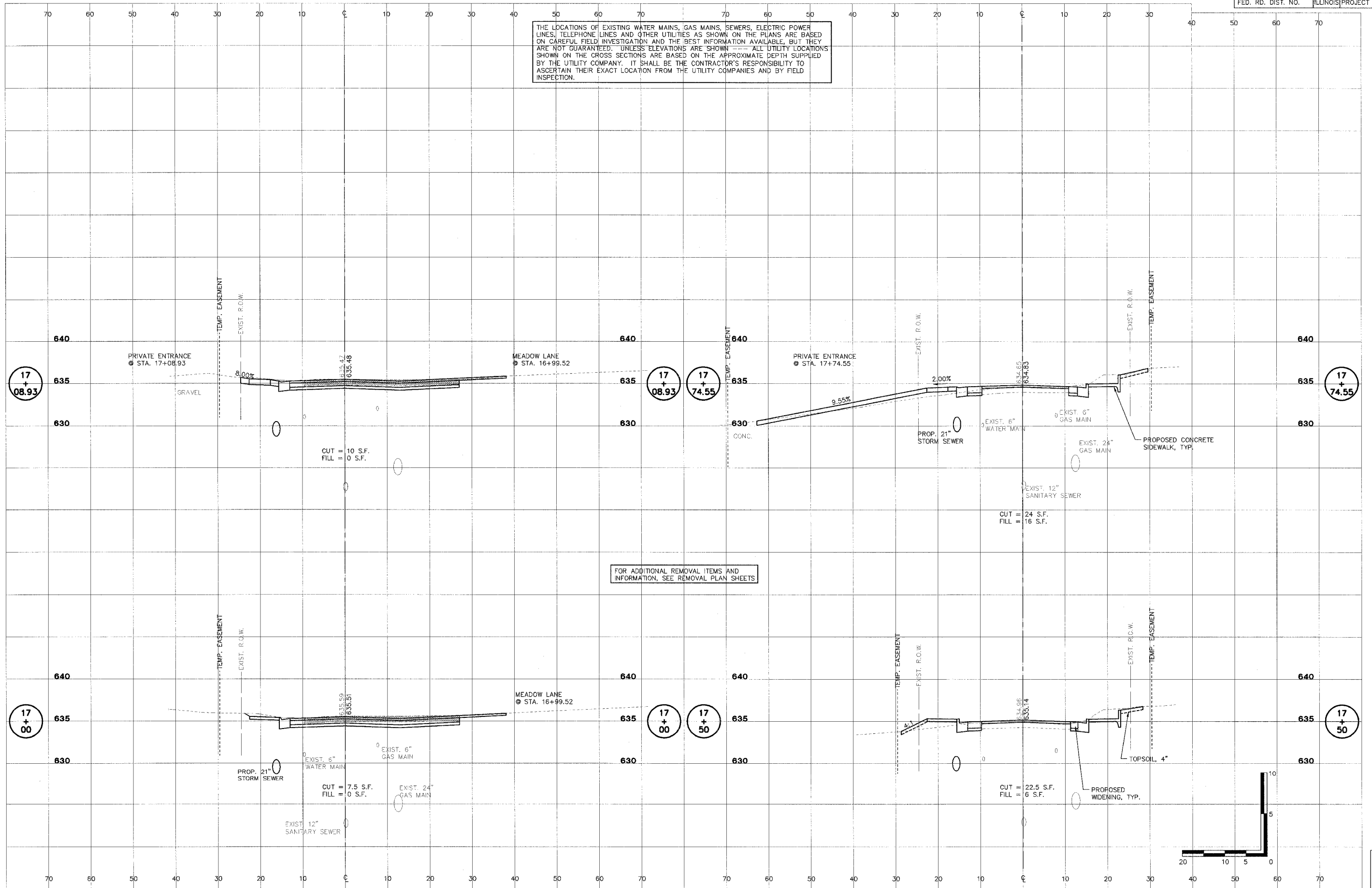


SHEET  
OF  
51  
83

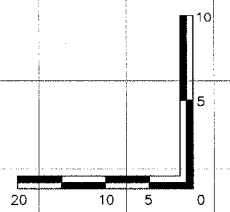
<p><b>STS CONSULTANTS</b> 111 NE Jefferson Ave. Peoria, Illinois 61602 PH: (309) 676-8464 FAX: (309) 676-5445 L. Design Firm Reg. No. 184-001518</p>	<p><b>LAFAYETTE AVE. BARTONVILLE IL.</b></p>		<p><b>CROSS SECTIONS STA. 15+99.79 TO STA. 16+97.73</b></p>		SURVEY	CHECKED	ISSUE DATE
					DESIGN	APPROVED	PRELIM. DATE
					DRAWN	DEH	PROJECT NO.
							BART0001

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THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, SEWERS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT THEY ARE NOT GUARANTEED. UNLESS ELEVATIONS ARE SHOWN --- ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY COMPANY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.



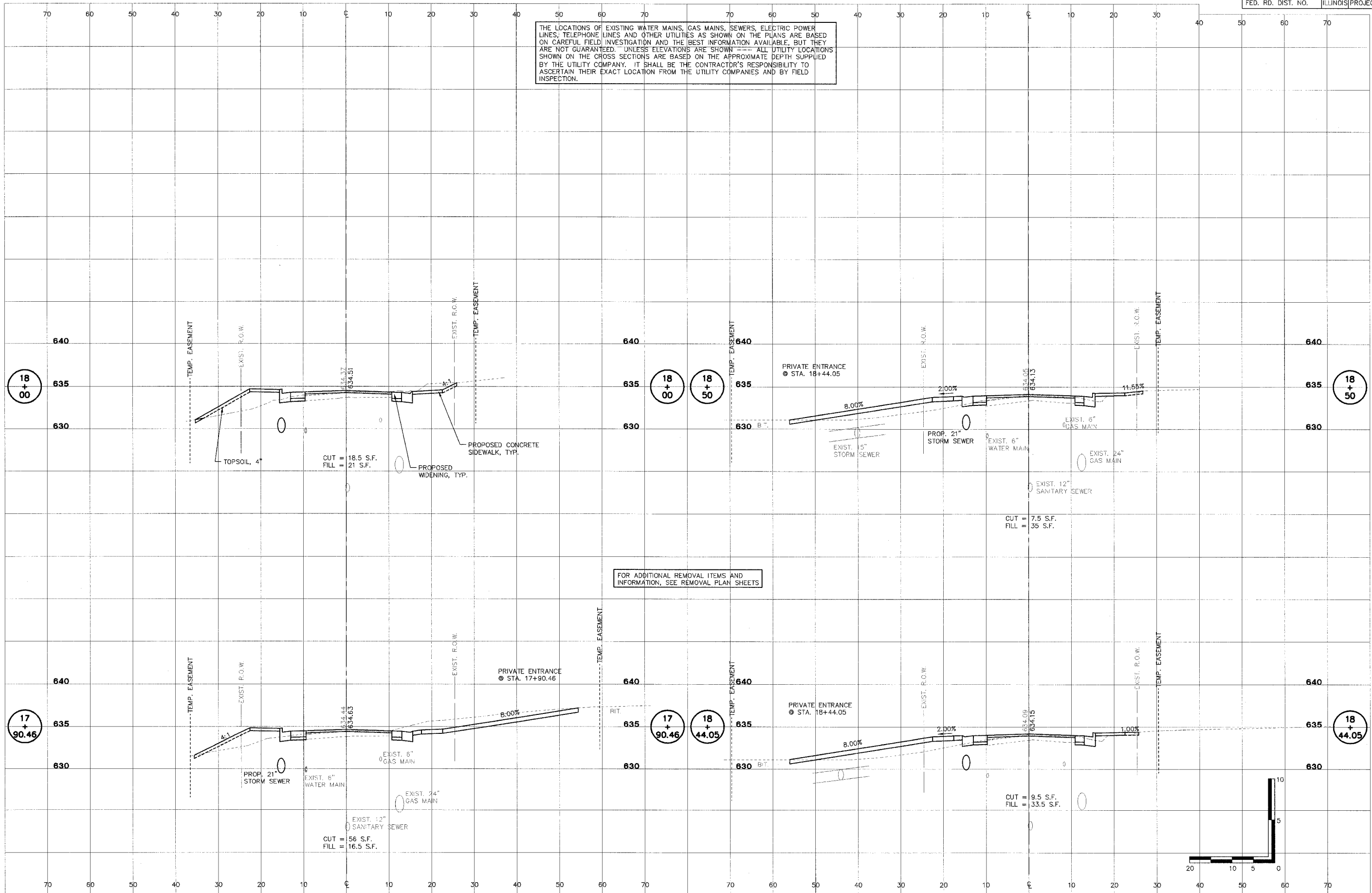
FOR ADDITIONAL REMOVAL ITEMS AND INFORMATION, SEE REMOVAL PLAN SHEETS



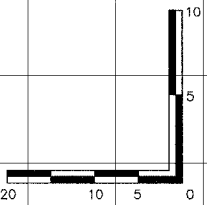
SHEET  
OF  
52  
83

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THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, SEWERS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT THEY ARE NOT GUARANTEED. UNLESS ELEVATIONS ARE SHOWN --- ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY COMPANY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.



FOR ADDITIONAL REMOVAL ITEMS AND INFORMATION, SEE REMOVAL PLAN SHEETS



SHEET  
OF  
53  
83

**STS CONSULTANTS**  
111 NE Jefferson Ave.  
Peoria, Illinois 61602  
PH: 309/676-6464  
FAX: 309/676-6445  
E-Design Firm Reg. No. 184-001518

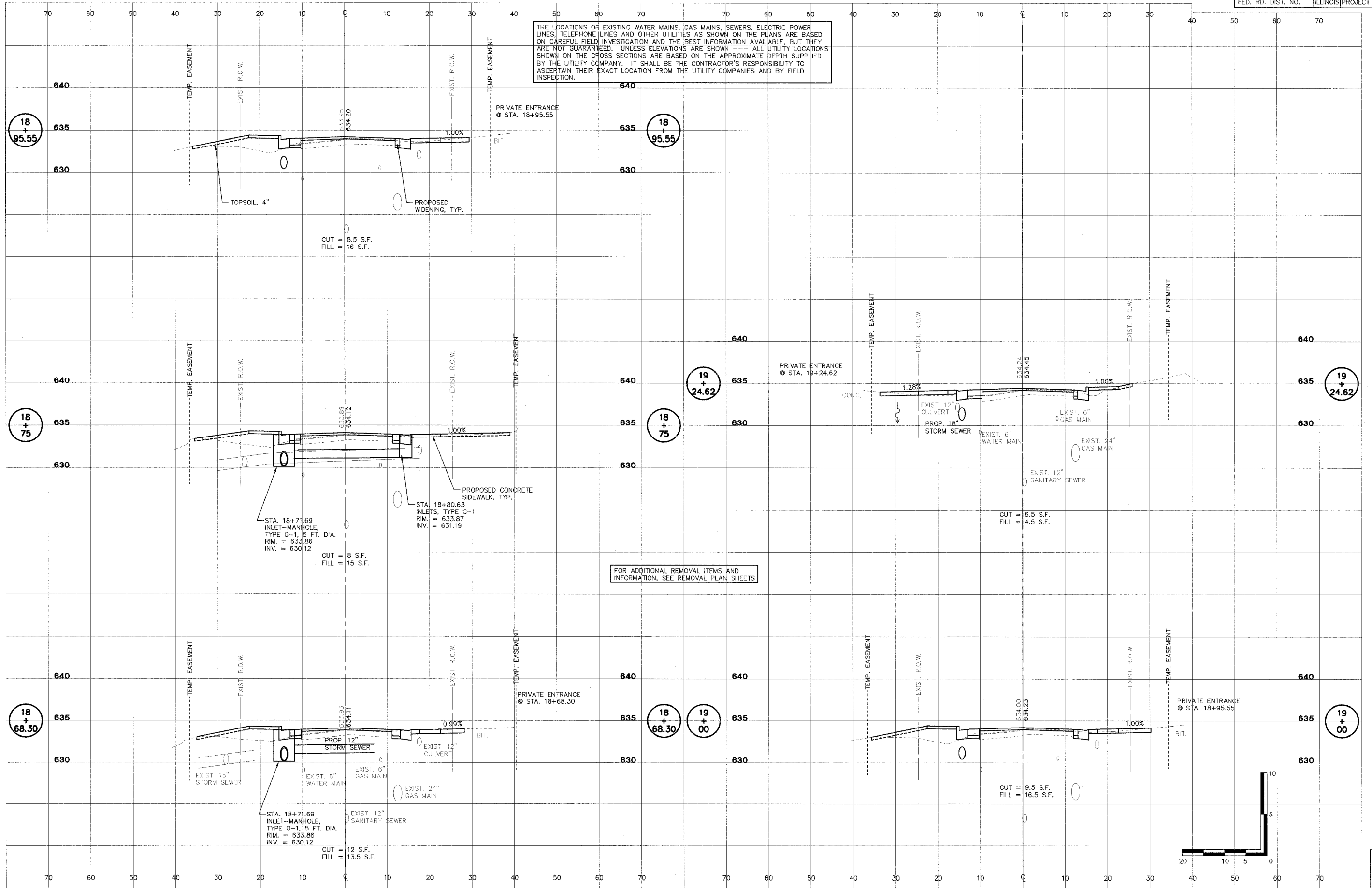
**LAFAYETTE AVE.  
BARTONVILLE IL.**

**CROSS SECTIONS  
STA. 17+90.46 TO STA. 18+50**

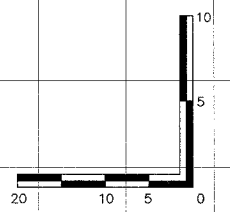
SURVEY	CHECKED	ISSUE DATE
DESIGN	APPROVED	PRELIM. DATE
DRAWN	DEH	PROJECT NO.
		BART0001

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THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, SEWERS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT THEY ARE NOT GUARANTEED. UNLESS ELEVATIONS ARE SHOWN --- ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY COMPANY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.

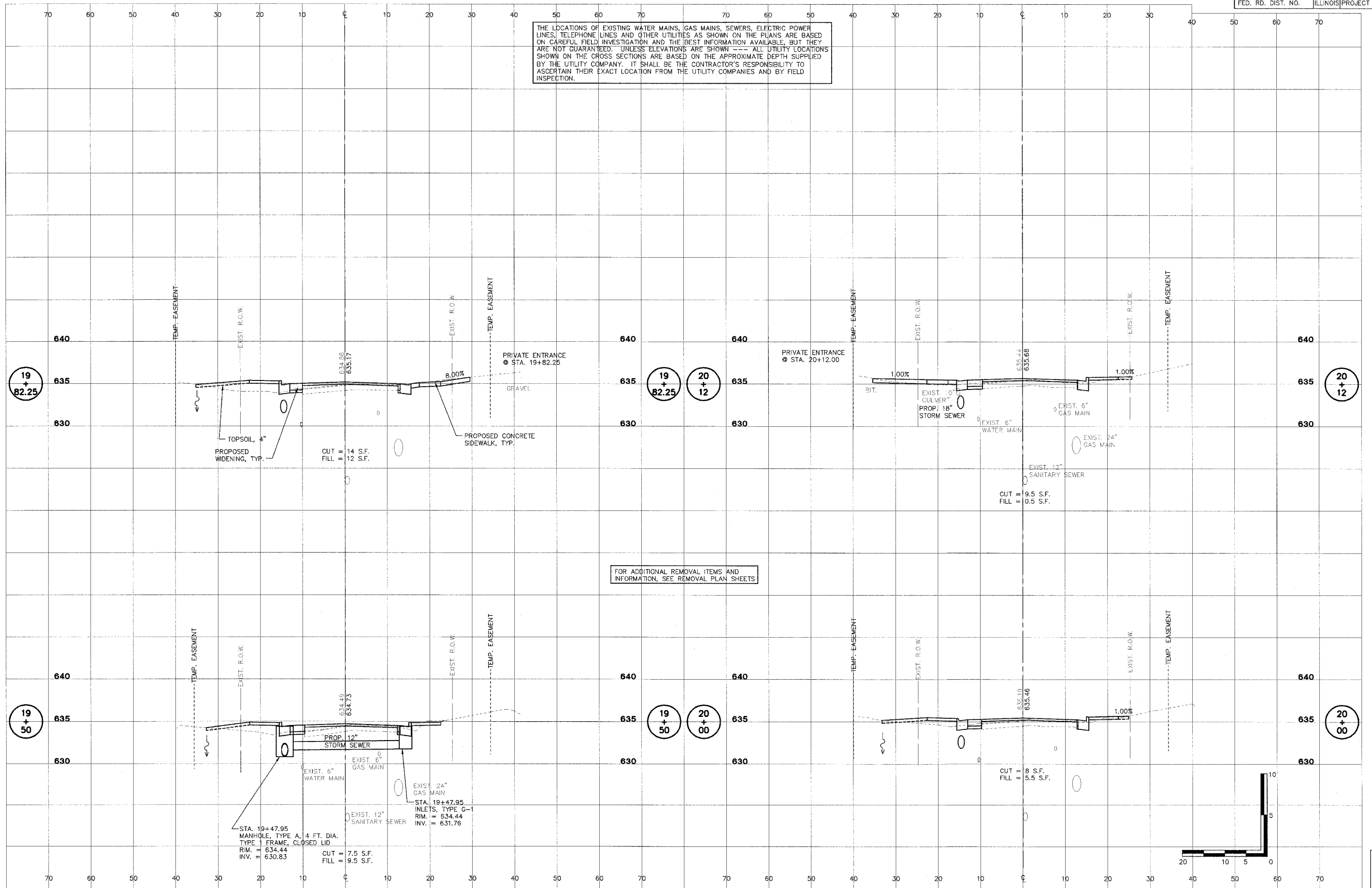


FOR ADDITIONAL REMOVAL ITEMS AND INFORMATION, SEE REMOVAL PLAN SHEETS

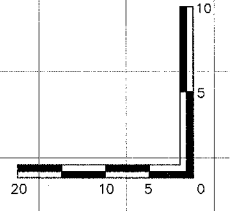


SHEET  
OF  
83

THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, SEWERS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT THEY ARE NOT GUARANTEED. UNLESS ELEVATIONS ARE SHOWN --- ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY COMPANY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.



FOR ADDITIONAL REMOVAL ITEMS AND INFORMATION, SEE REMOVAL PLAN SHEETS



SHEET  
OF  
55  
83



**STS CONSULTANTS**  
111 NE Jefferson Ave.  
Peoria, Illinois 61602  
PH: (309) 676-8464  
FAX: (309) 676-5445  
IL Design Firm Reg. No. 184-001518

**LAFAYETTE AVE.  
BARTONVILLE IL.**

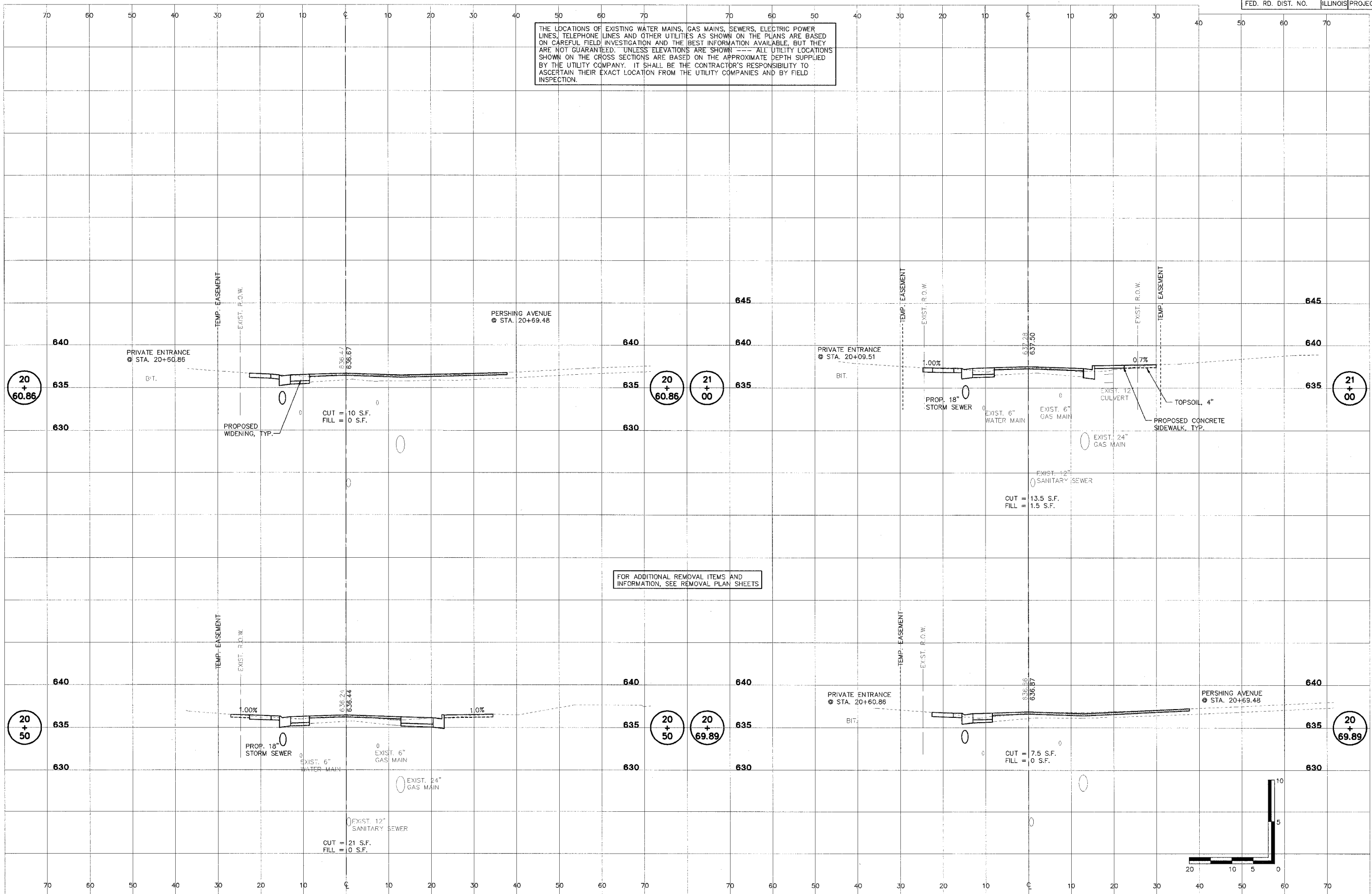
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STA. 19+50 TO STA. 20+12**

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DESIGN	APPROVED	PRELIM. DATE
DRAWN	DEH	PROJECT NO.

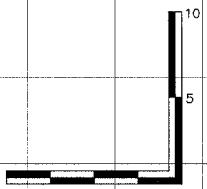
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BART0001

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THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, SEWERS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT THEY ARE NOT GUARANTEED. UNLESS ELEVATIONS ARE SHOWN --- ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY COMPANY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.



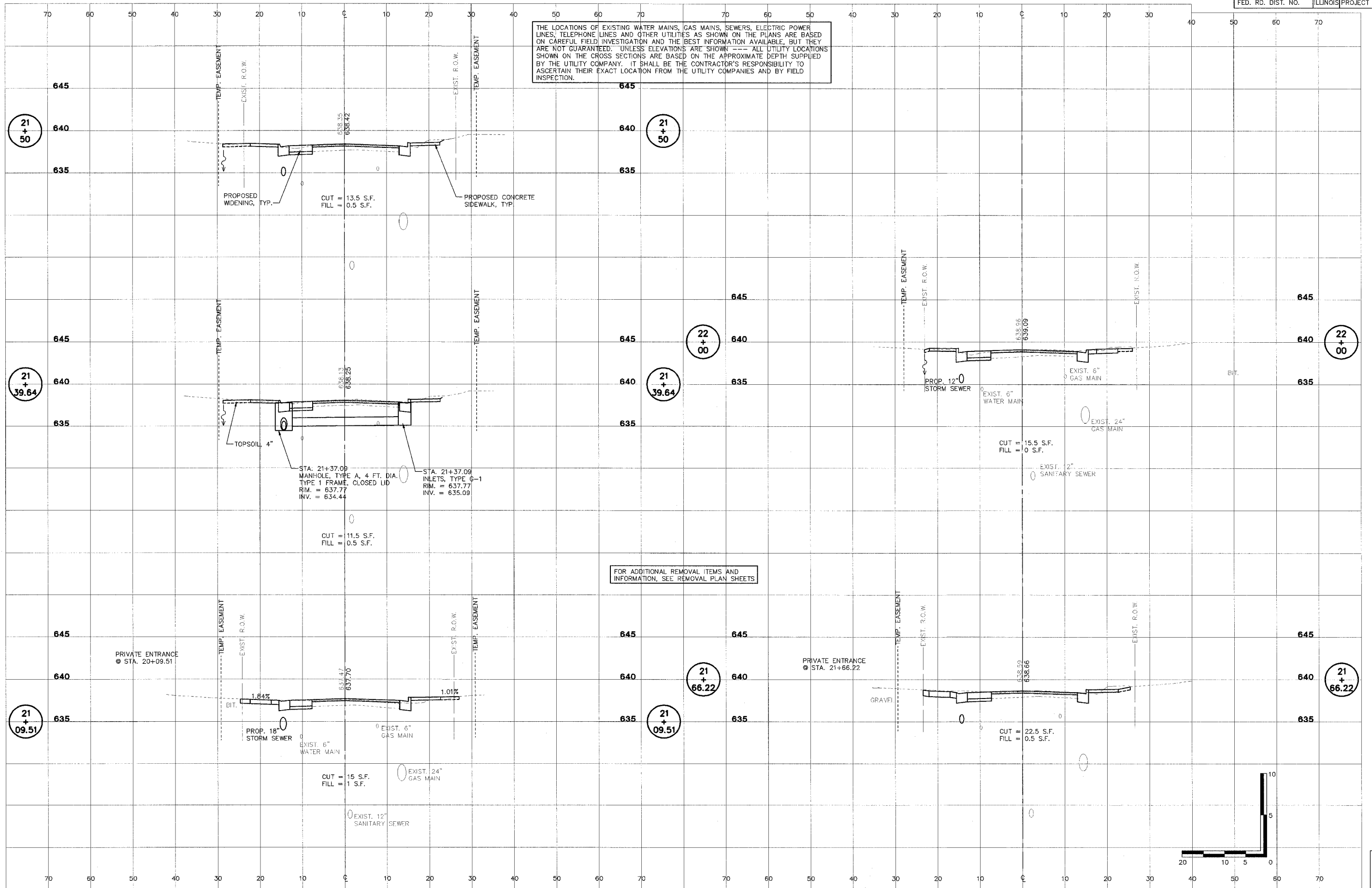
FOR ADDITIONAL REMOVAL ITEMS AND INFORMATION, SEE REMOVAL PLAN SHEETS



SHEET  
OF  
83



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FOR ADDITIONAL REMOVAL ITEMS AND INFORMATION, SEE REMOVAL PLAN SHEETS

**STS CONSULTANTS**  
 111 NE Jefferson Ave.  
 Peoria, Illinois 61602  
 PH: (309) 676-8444  
 FAX: (309) 676-5445  
 I. Design Firm Reg. No. 184-001518

**LAFAYETTE AVE.  
 BARTONVILLE IL.**

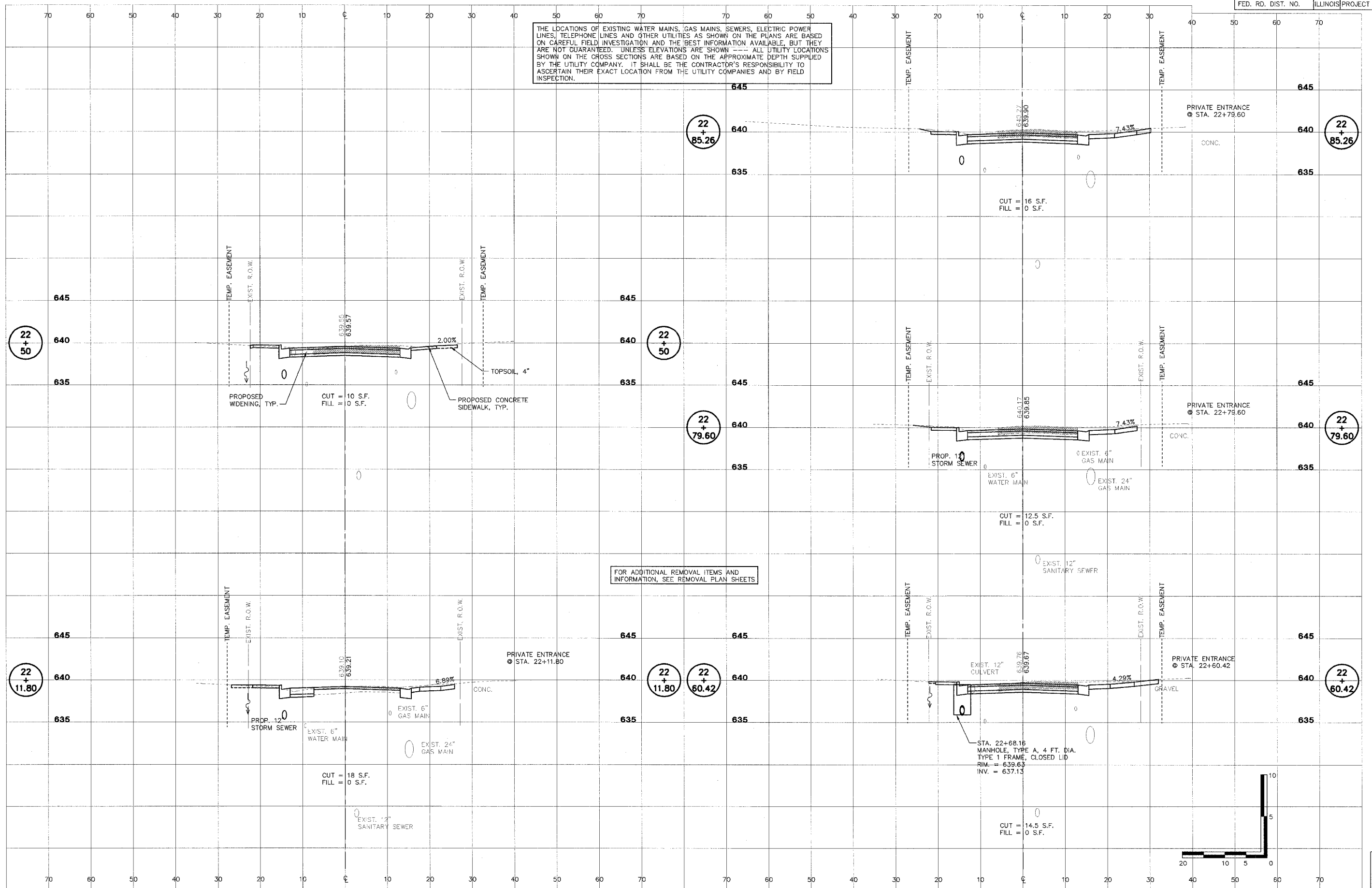
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 STA. 21+09.51 STA. 22+00**

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DESIGN	APPROVED	PRELIM. DATE
DRAWN	DEH	PROJECT NO.
		BART0001

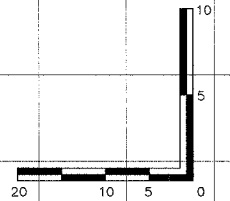
SHEET  
**57**  
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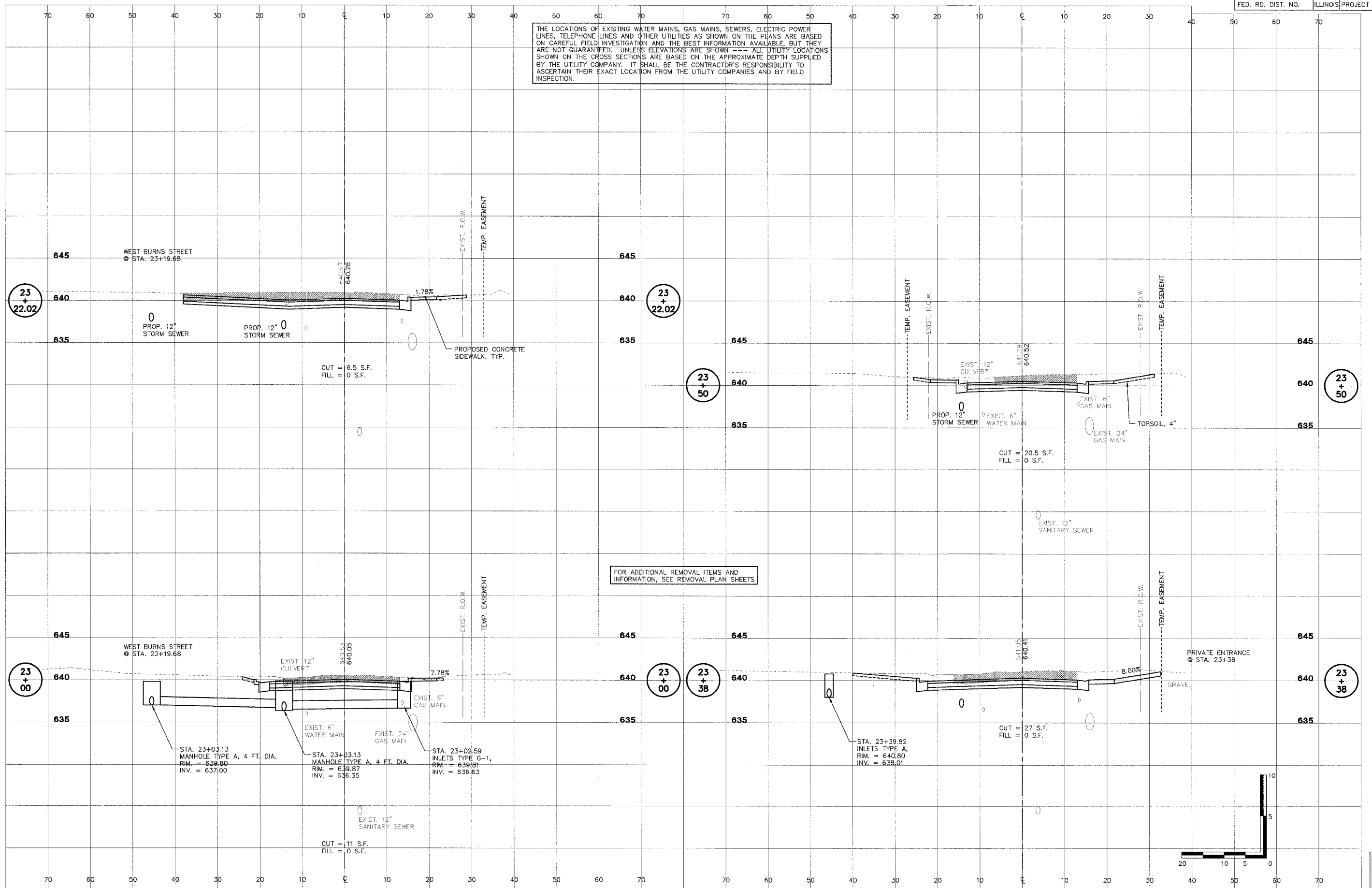
THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, SEWERS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT THEY ARE NOT GUARANTEED. UNLESS ELEVATIONS ARE SHOWN --- ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY COMPANY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.



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FOR ADDITIONAL REMOVAL ITEMS AND INFORMATION, SEE REMOVAL PLAN SHEETS

SHEET  
OF  
59  
83

**STC CONSULTANTS**  
 111 NE Jefferson Ave.  
 Peoria, Illinois 61602  
 PH(309)676-8464  
 FAX(309)676-8445  
 I. Design Firm Reg. No. 184-001518

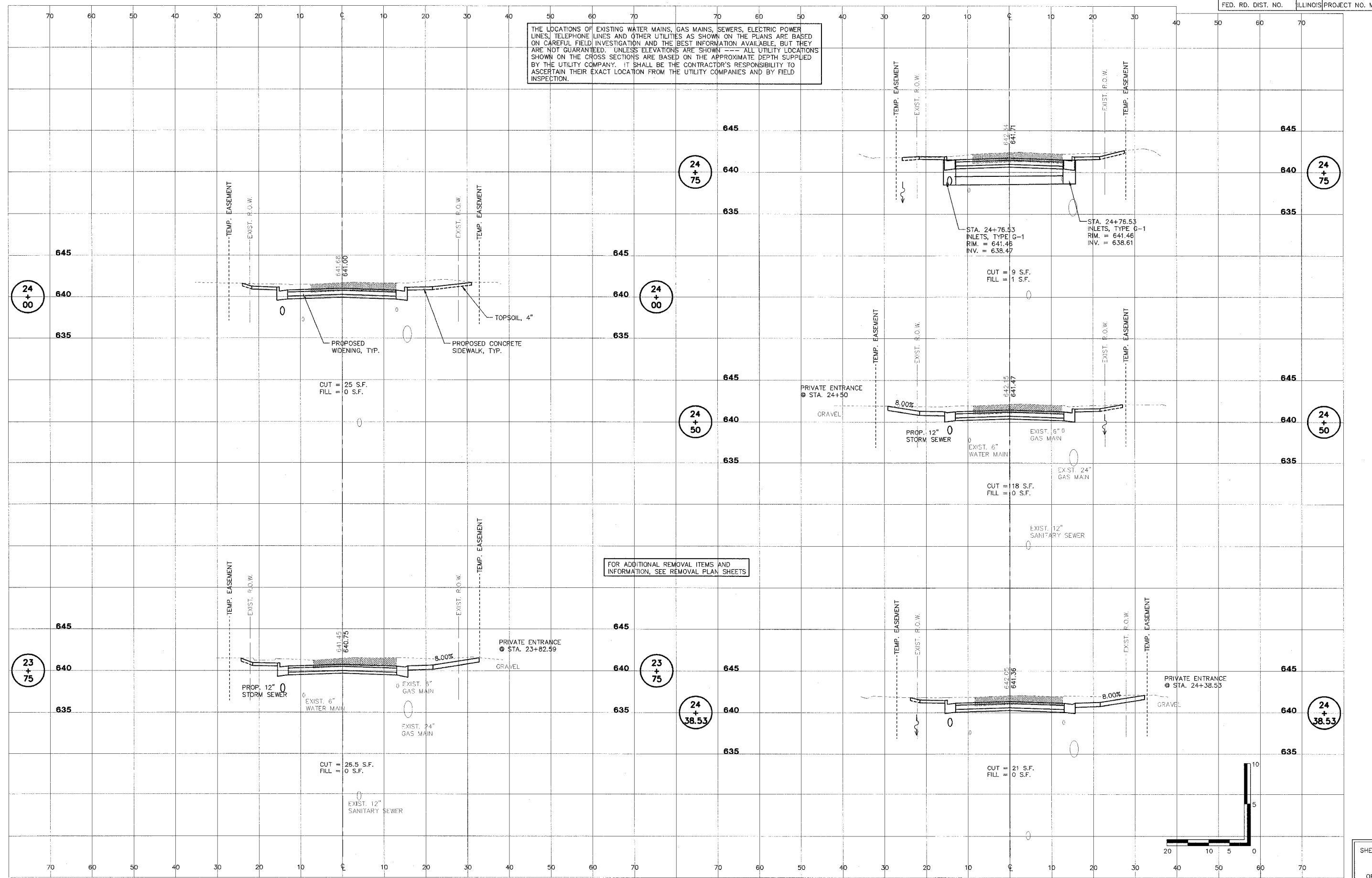
**LAFAYETTE AVE.  
BARTONVILLE IL.**

**CROSS SECTIONS  
STA. 23+00 TO STA. 23+50**

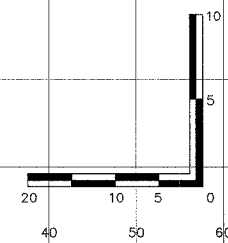
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DRAWN	DEH	PRELIM. DATE
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		PROJECT NO.
		BART0001

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THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, SEWERS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT THEY ARE NOT GUARANTEED. UNLESS ELEVATIONS ARE SHOWN --- ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY COMPANY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.

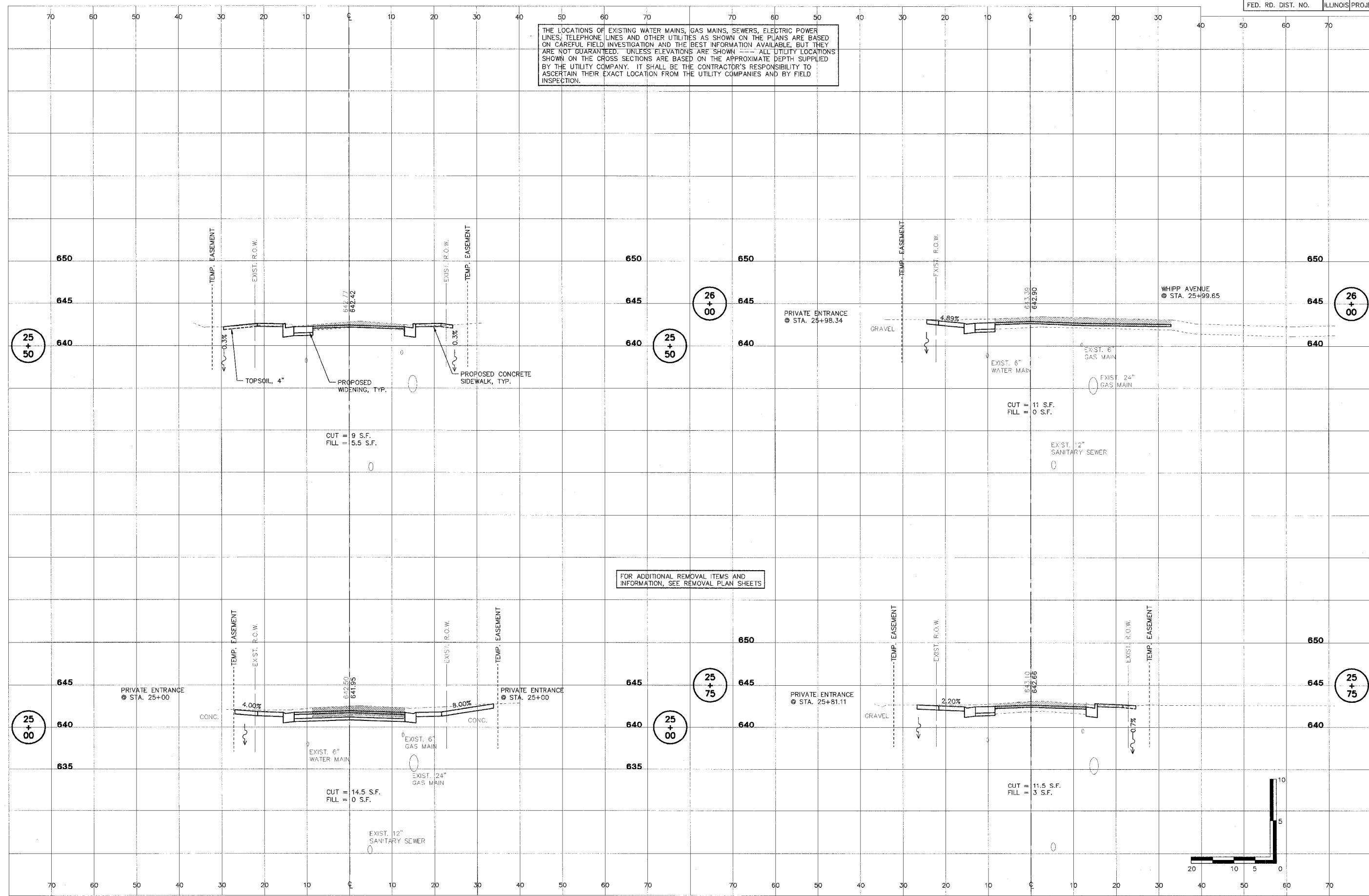


FOR ADDITIONAL REMOVAL ITEMS AND INFORMATION, SEE REMOVAL PLAN SHEETS

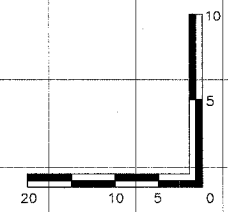


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THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, SEWERS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT THEY ARE NOT GUARANTEED. UNLESS ELEVATIONS ARE SHOWN --- ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY COMPANY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.



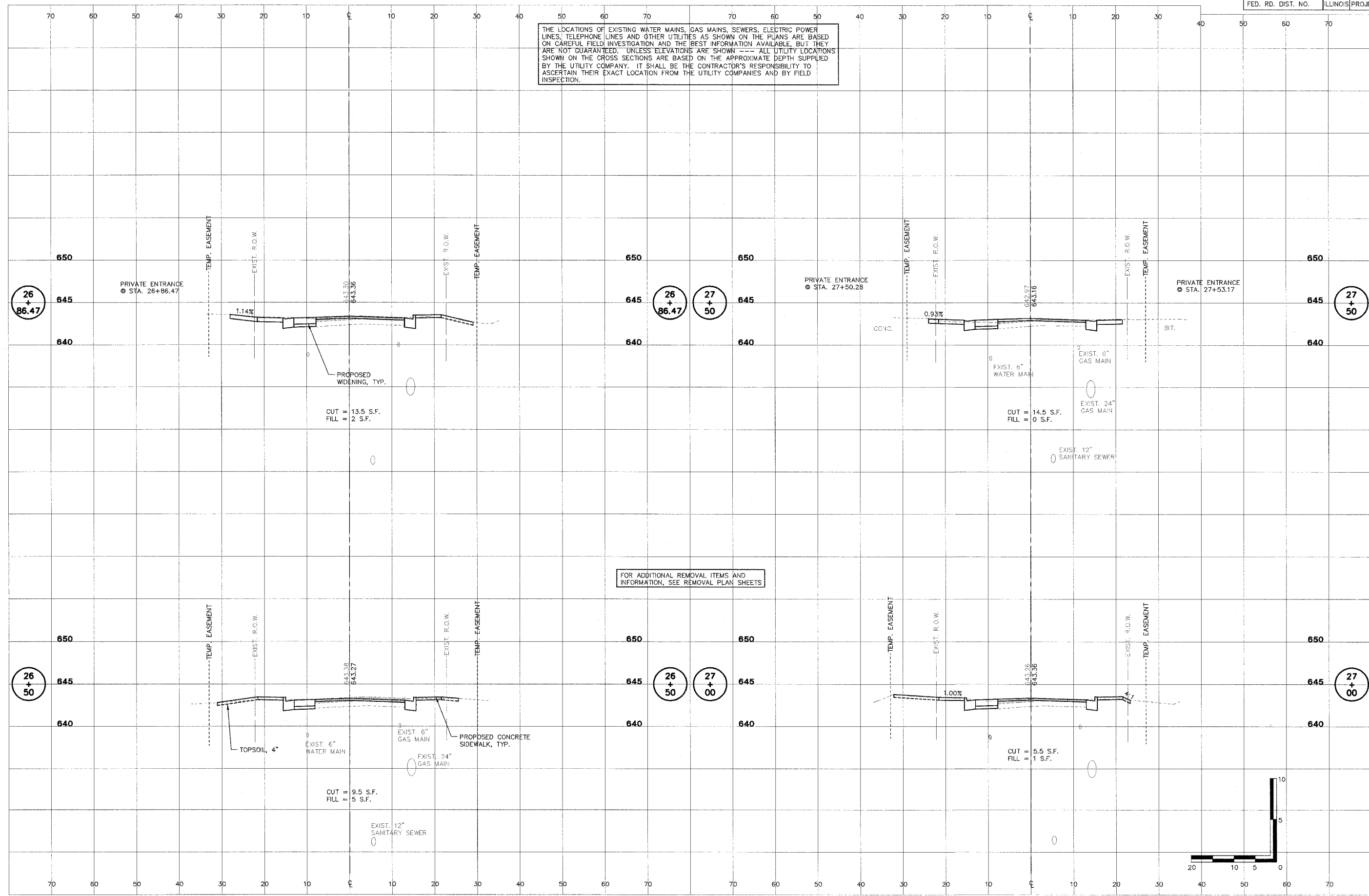
FOR ADDITIONAL REMOVAL ITEMS AND INFORMATION, SEE REMOVAL PLAN SHEETS



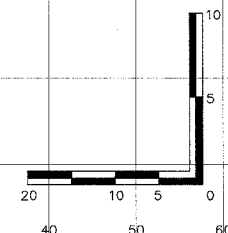
SHEET  
OF  
**61**  
**83**

L. BARTONVILLE, ILLINOIS, 61602

THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, SEWERS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT THEY ARE NOT GUARANTEED. UNLESS ELEVATIONS ARE SHOWN --- ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY COMPANY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.



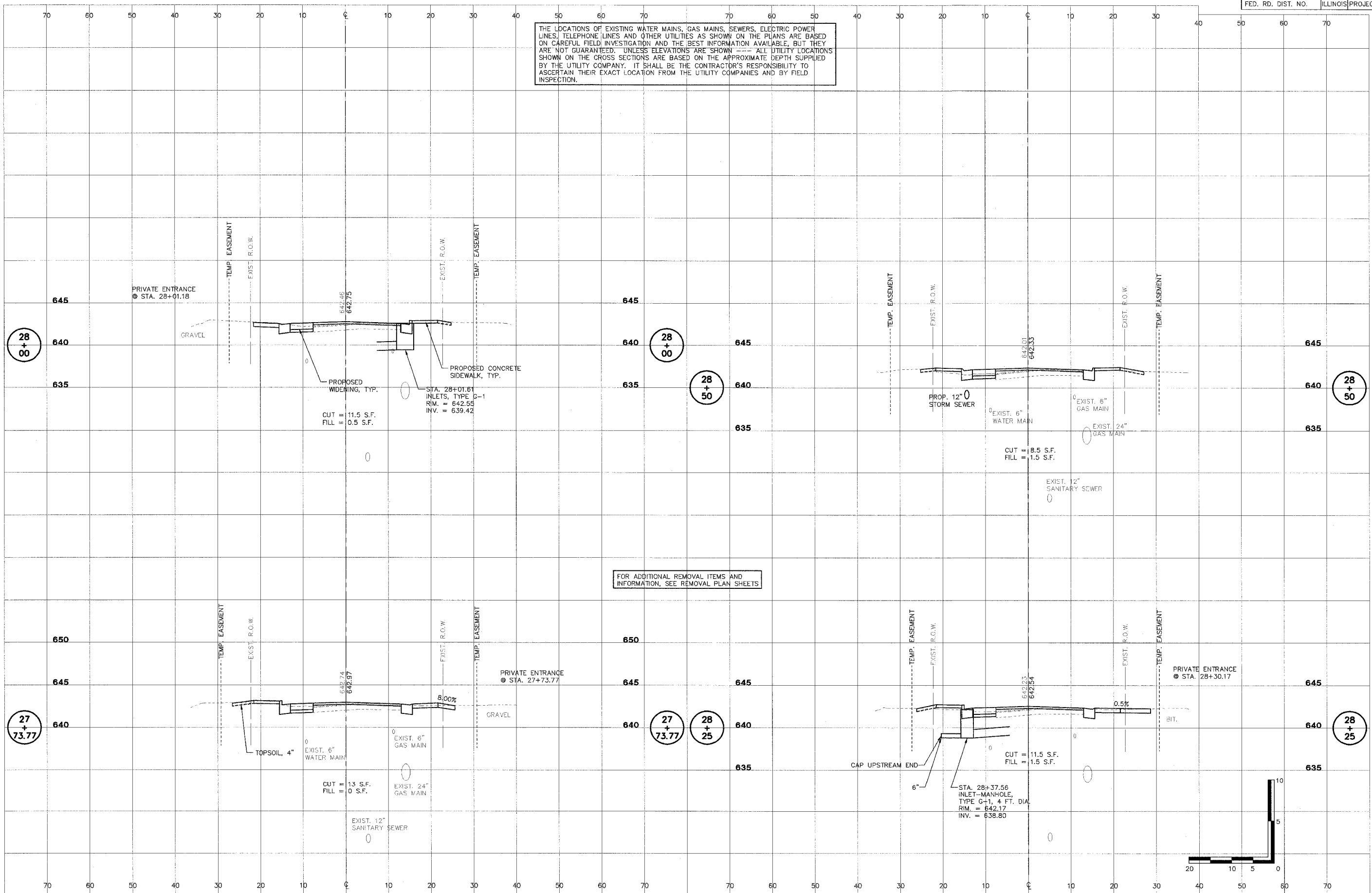
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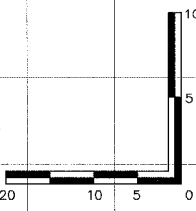
SHEET  
**62**  
OF  
**83**

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THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, SEWERS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT THEY ARE NOT GUARANTEED. UNLESS ELEVATIONS ARE SHOWN --- ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY COMPANY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.

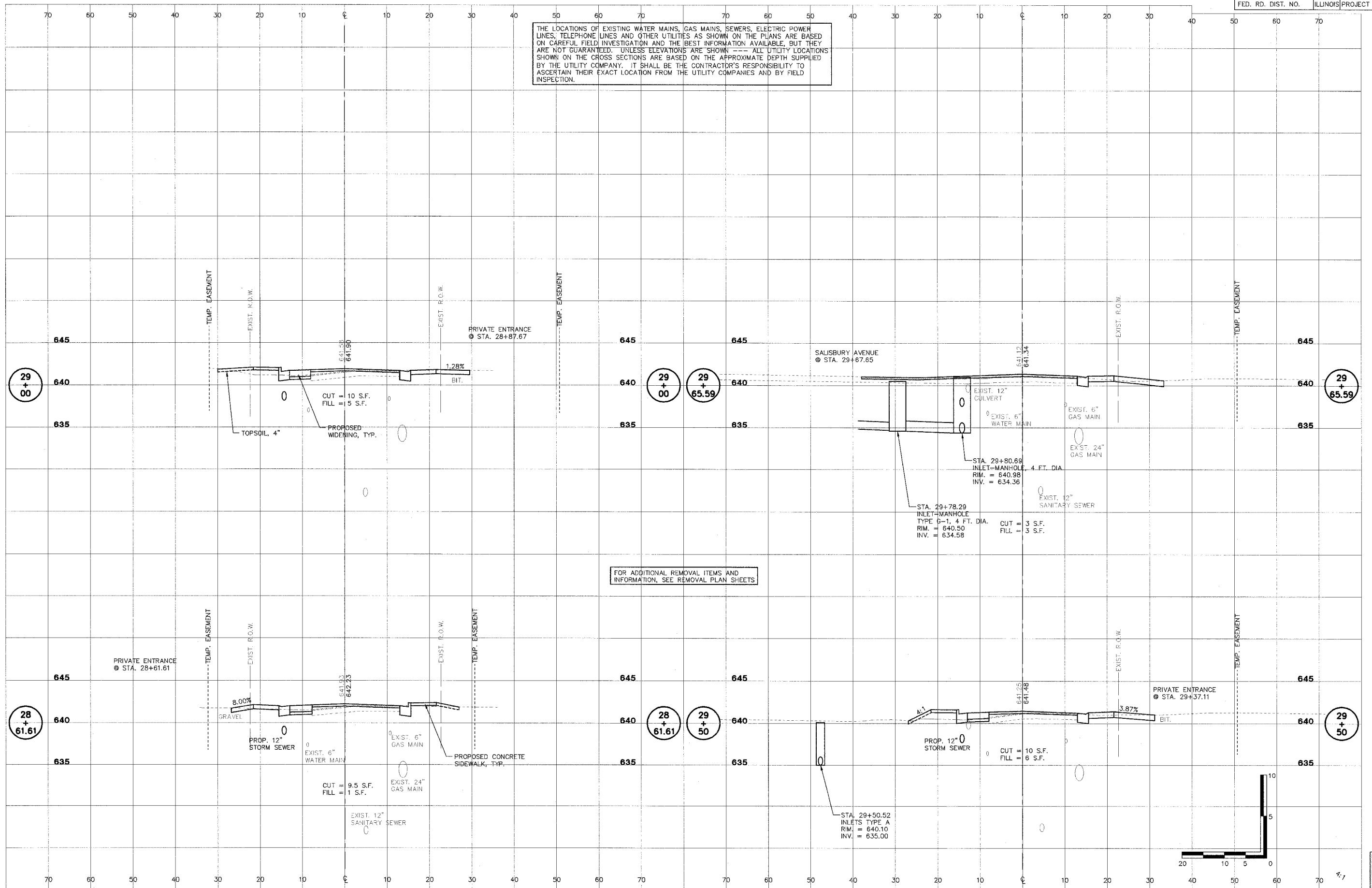


FOR ADDITIONAL REMOVAL ITEMS AND INFORMATION, SEE REMOVAL PLAN SHEETS

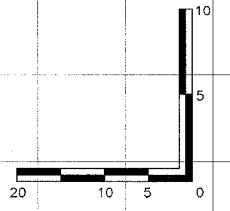


SHEET  
**63**  
OF  
**83**

THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, SEWERS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT THEY ARE NOT GUARANTEED. UNLESS ELEVATIONS ARE SHOWN --- ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY COMPANY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.



FOR ADDITIONAL REMOVAL ITEMS AND INFORMATION, SEE REMOVAL PLAN SHEETS



SHEET  
OF  
**64**  
**83**

**STS CONSULTANTS**  
111 NE Jefferson Ave.  
Peoria, Illinois 61602  
PH(309)676-8464  
FAX(309)676-5445  
E-Design Firm Reg. No. 184-001518

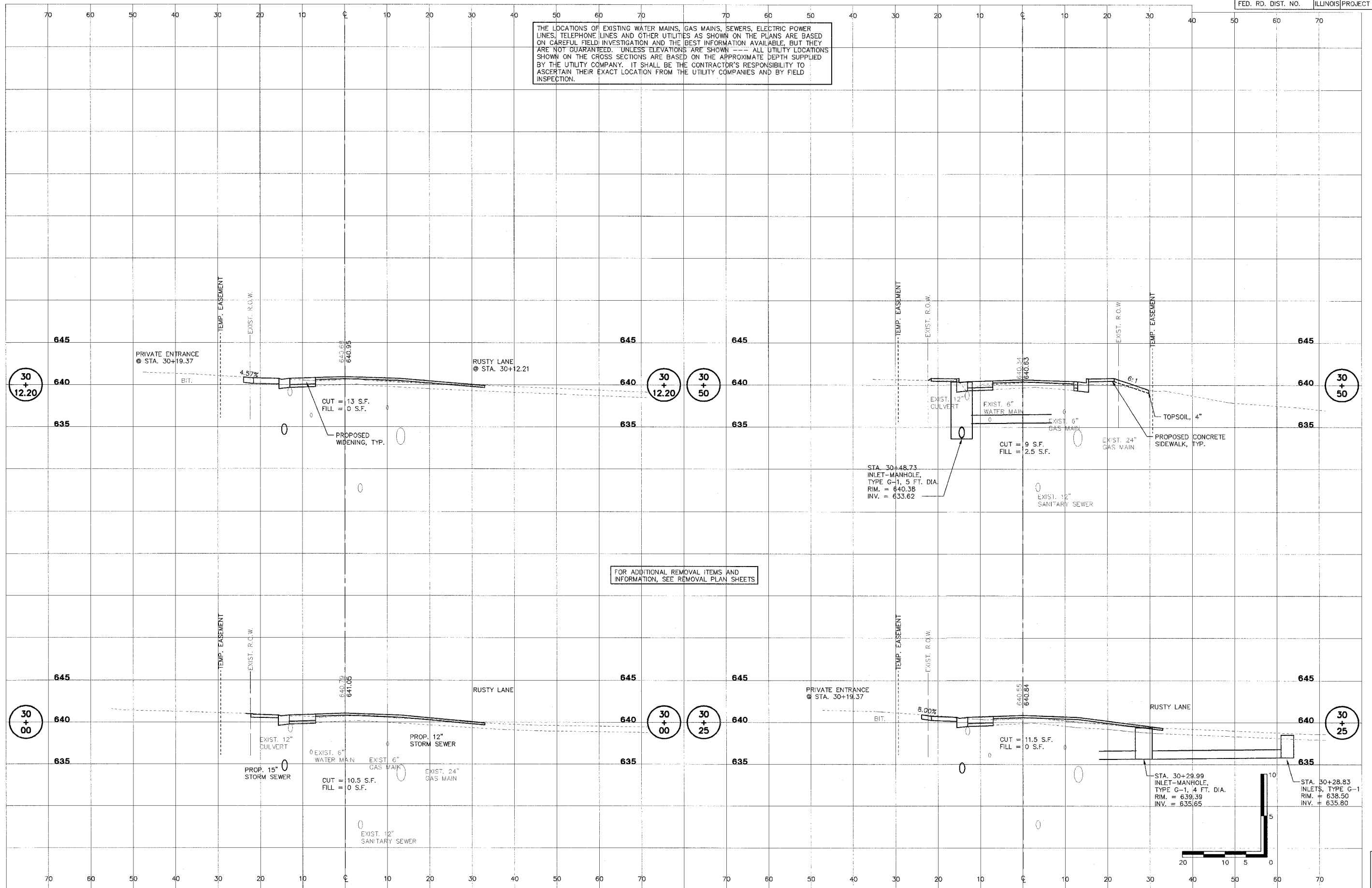
**LAFAYETTE AVE.  
BARTONVILLE IL.**

**CROSS SECTIONS  
STA. 28+61.61 TO STA. 29+65.59**

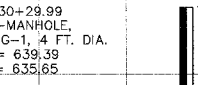
SURVEY	CHECKED	ISSUE DATE
DESIGN	APPROVED	PRELIM. DATE
DRAWN	DEH	PROJECT NO.
		BART0001



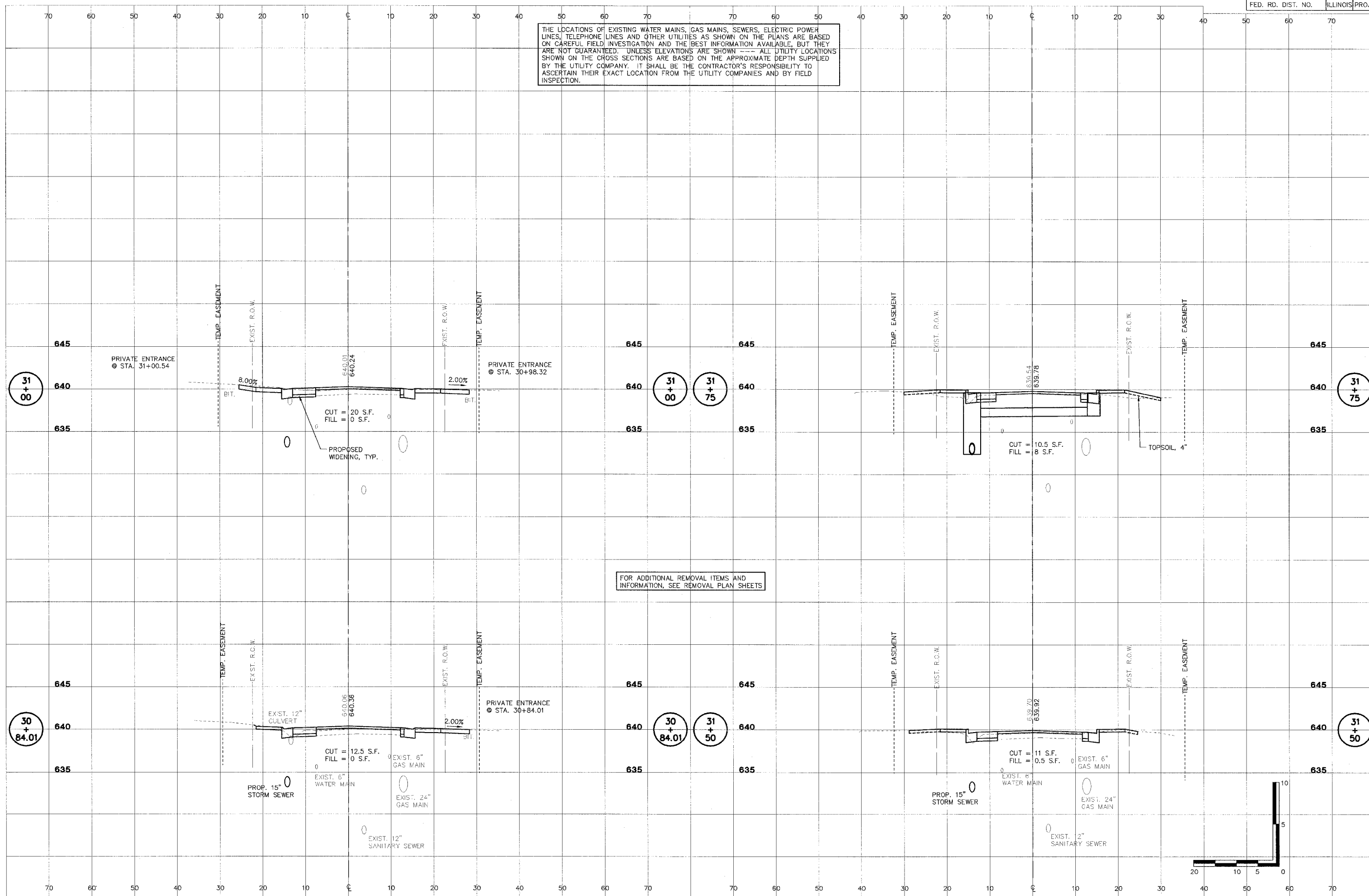
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SHEET  
66  
OF  
83

**STS CONSULTANTS**  
111 NE Jefferson Ave.  
Peoria, Illinois 61602  
PH(309)678-6464  
FAX(309)678-5445  
E. Design Firm Reg. No. 184-001518

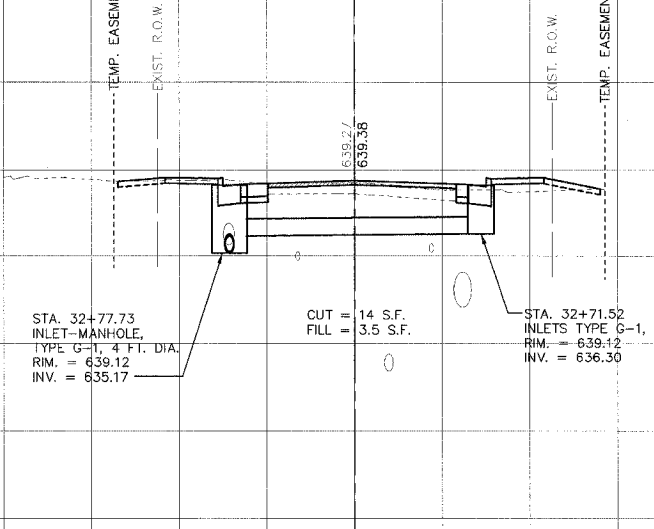
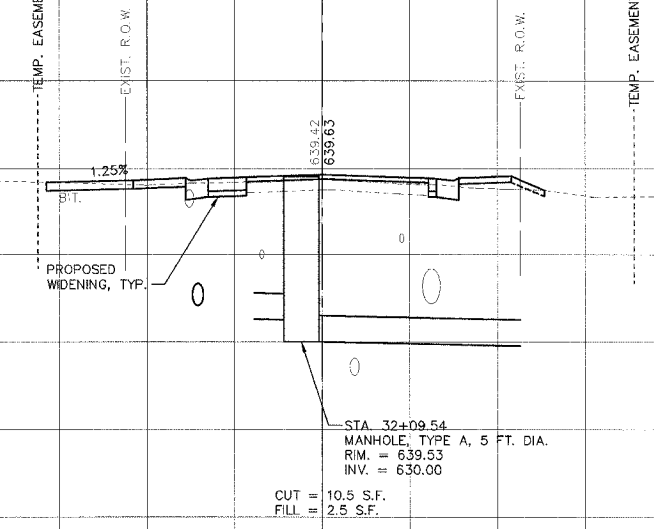
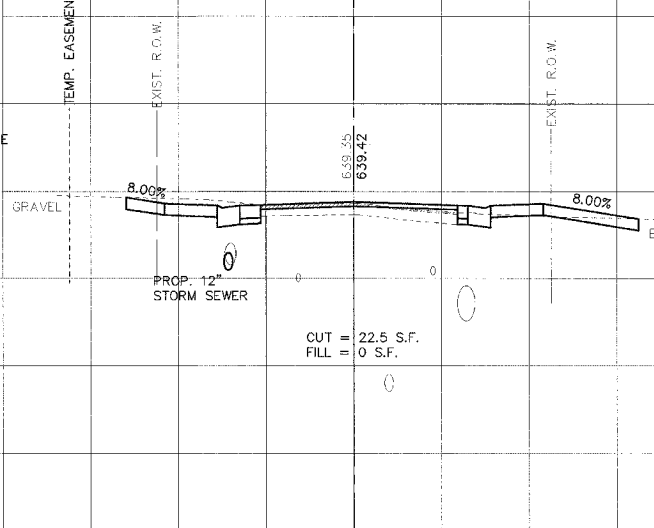
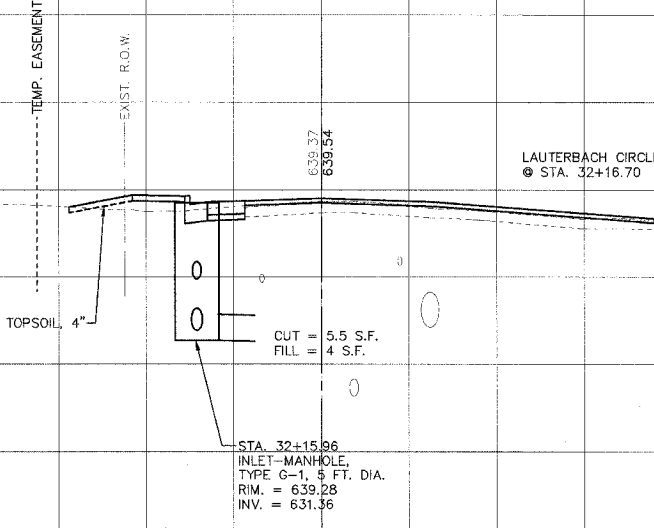
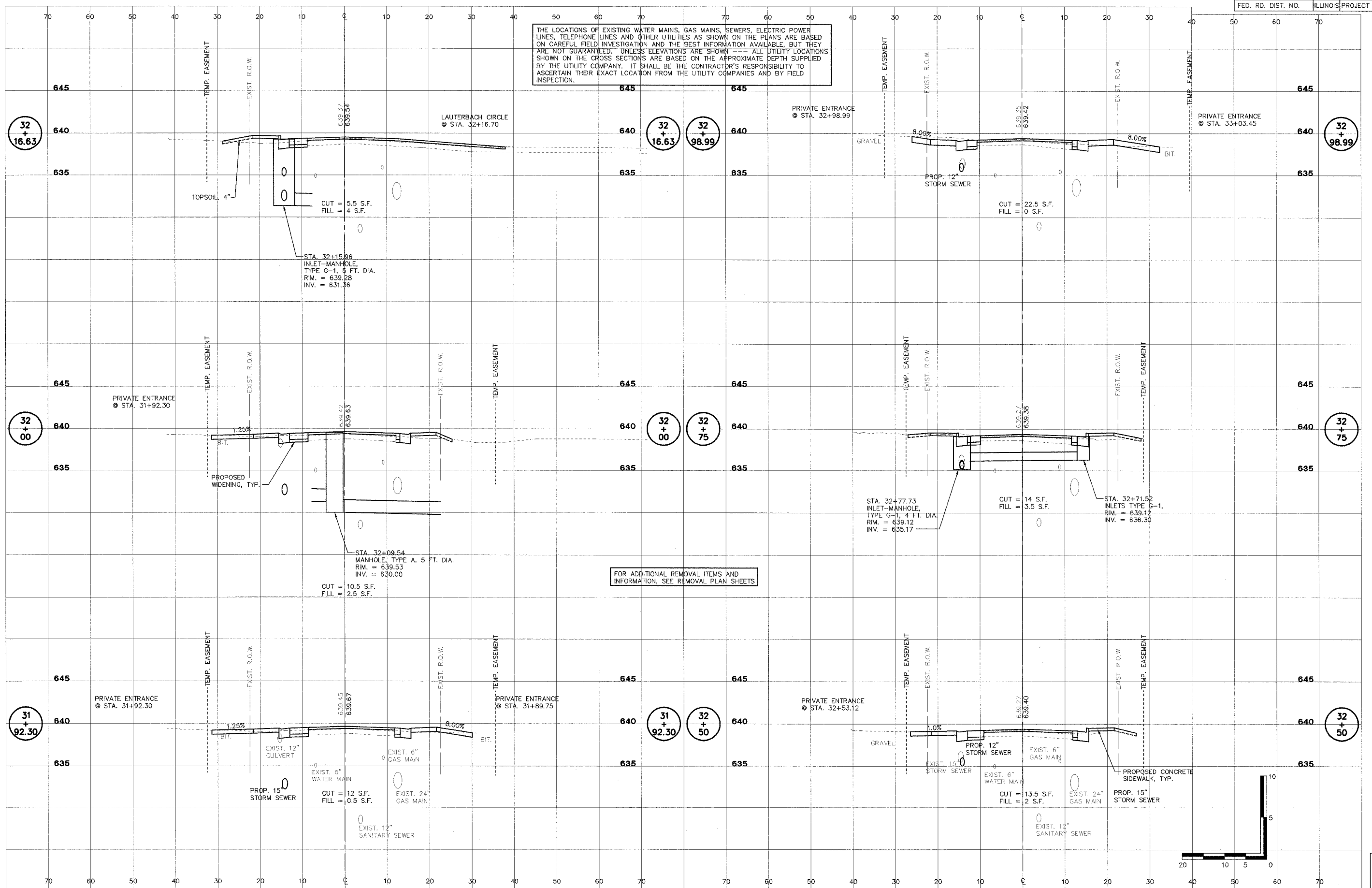
**LAFAYETTE AVE.  
BARTONVILLE IL.**

**CROSS SECTIONS  
STA. 30+92.52 TO STA. 31+50**

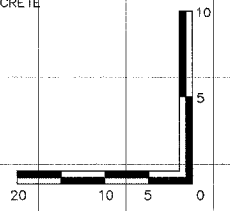
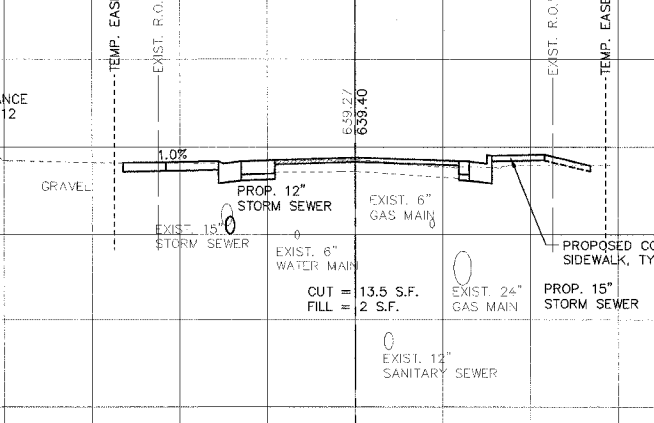
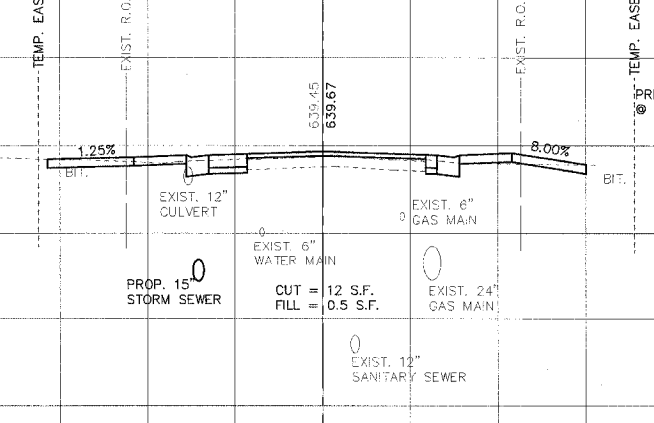
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DESIGN	APPROVED	PRELIM. DATE
DRAWN	DEH	PROJECT NO.
		BART0001

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THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, SEWERS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT THEY ARE NOT GUARANTEED, UNLESS ELEVATIONS ARE SHOWN --- ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY COMPANY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.

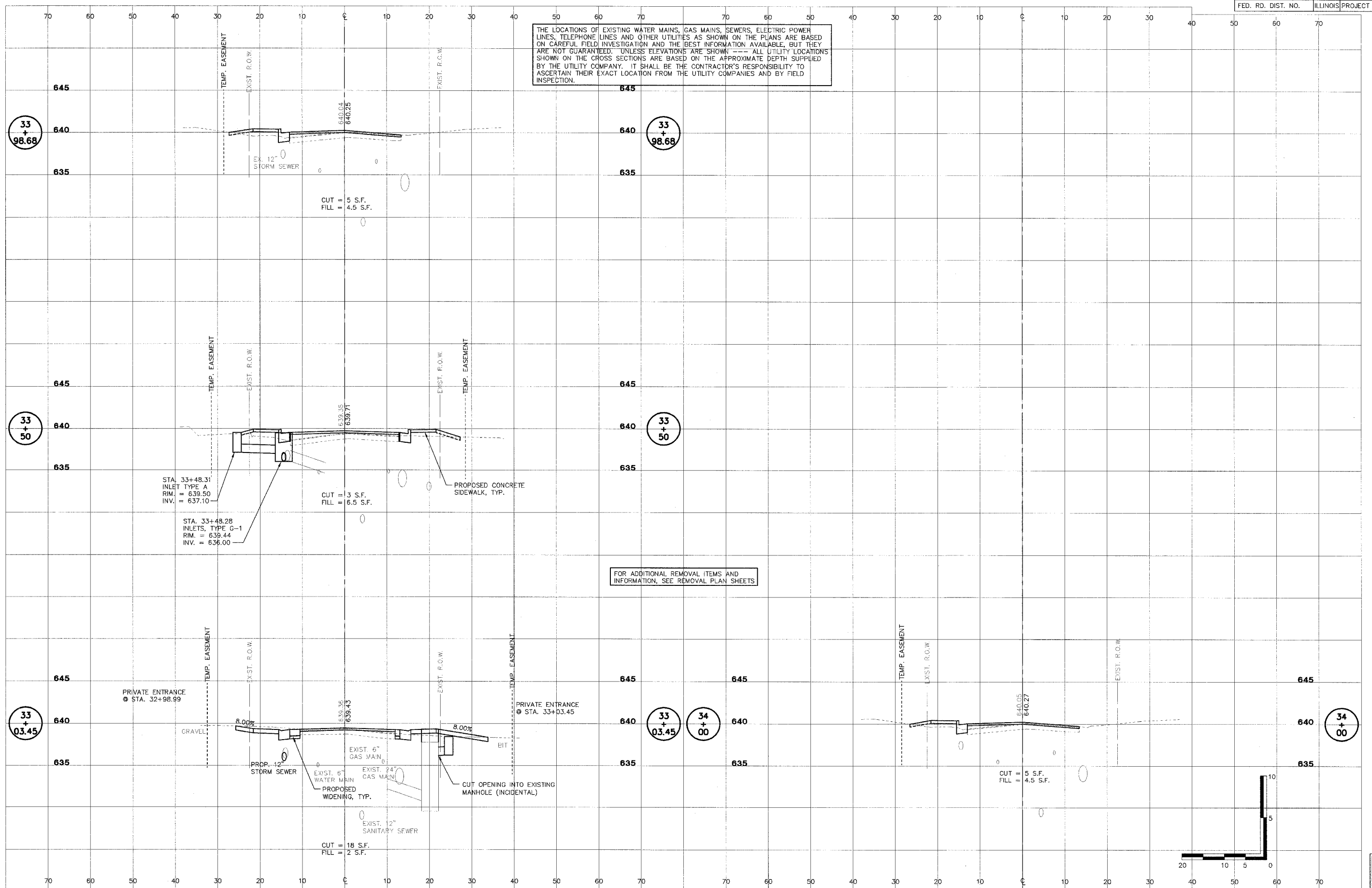


FOR ADDITIONAL REMOVAL ITEMS AND INFORMATION, SEE REMOVAL PLAN SHEETS



SHEET  
**67**  
OF  
**83**

THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, SEWERS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT THEY ARE NOT GUARANTEED. UNLESS ELEVATIONS ARE SHOWN --- ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY COMPANY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.

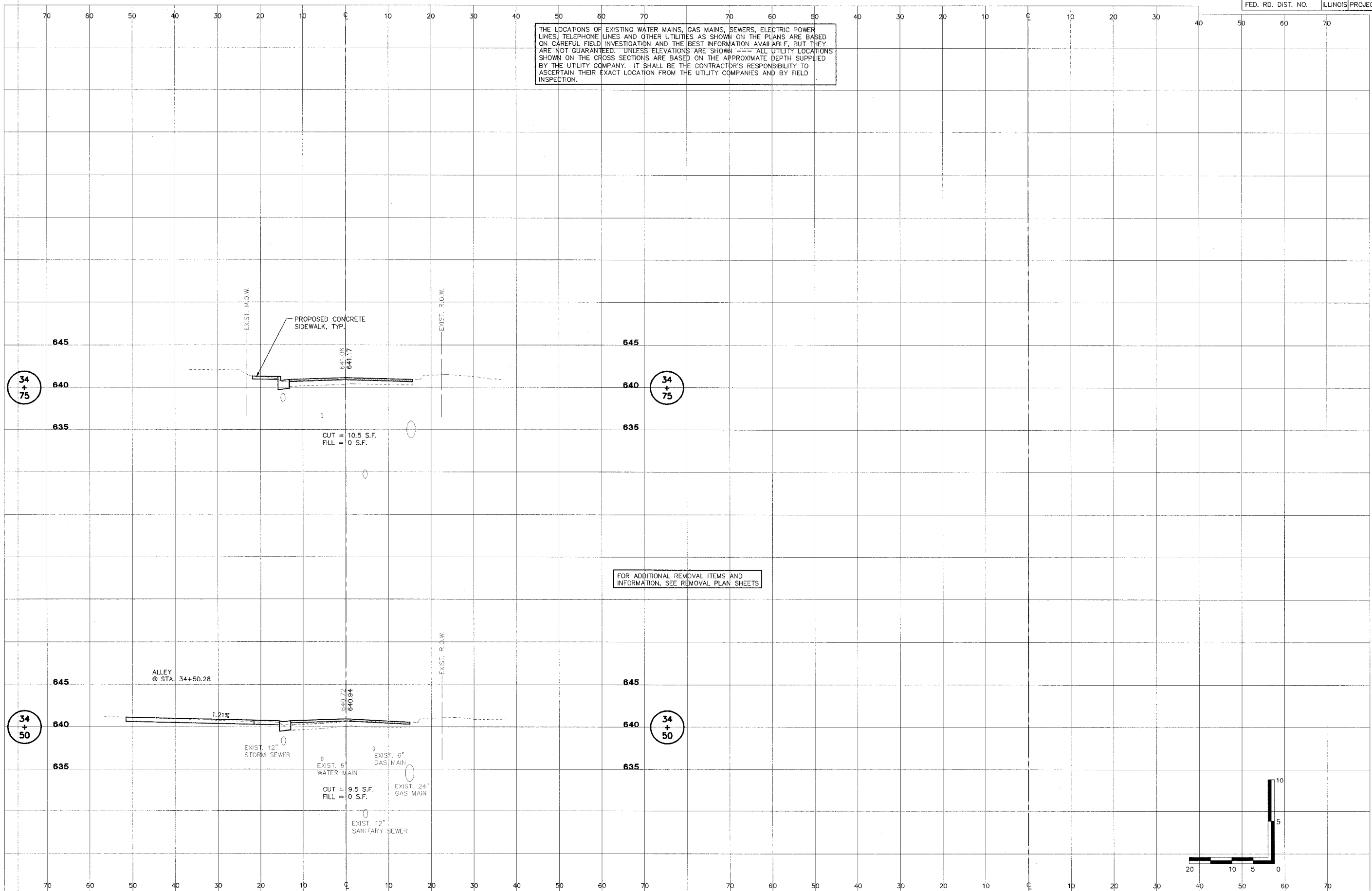


FOR ADDITIONAL REMOVAL ITEMS AND INFORMATION, SEE REMOVAL PLAN SHEETS

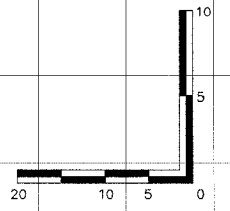
SHEET  
68  
OF  
83

F.A. RTE.	SECTION	COUNTY	CONTRACT NO.
FAU 6579	02-00065-00-PV	PEORIA	89358
FED. RD. DIST. NO.	ILLINOIS	PROJECT NO. M 503 102	

THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, SEWERS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT THEY ARE NOT GUARANTEED. UNLESS ELEVATIONS ARE SHOWN --- ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY COMPANY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.



FOR ADDITIONAL REMOVAL ITEMS AND INFORMATION, SEE REMOVAL PLAN SHEETS



SHEET  
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**STS CONSULTANTS**  
 111 NE Jefferson Ave.  
 Peoria, Illinois 61602  
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 Fax: (309) 678-5445  
 E. Design Firm Reg. No. 184-001518

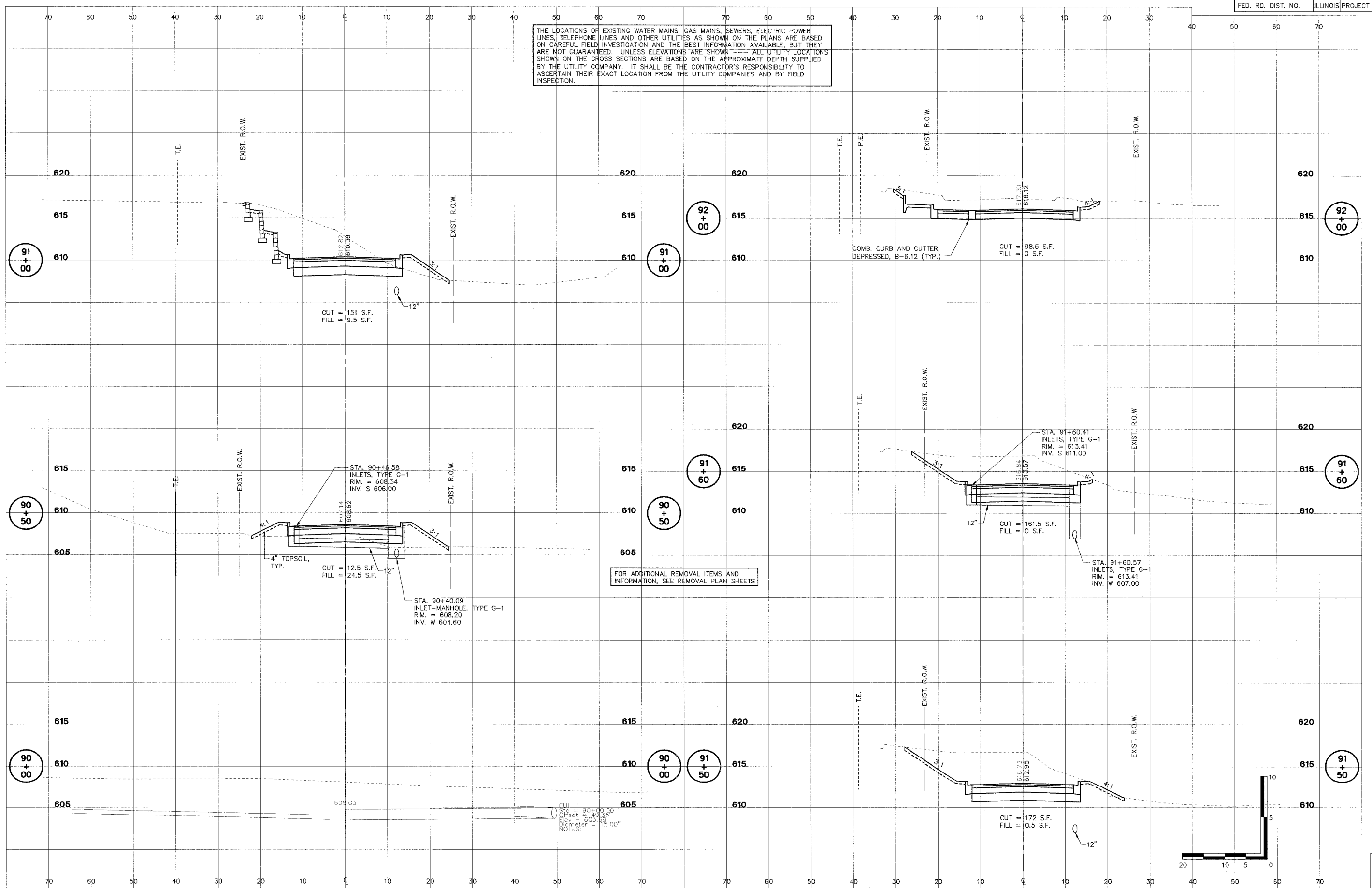
**LAFAYETTE AVE.  
BARTONVILLE IL.**

**CROSS SECTIONS  
STA. 34+50 TO STA. 34+75**

SURVEY	CHECKED	ISSUE DATE
DESIGN	APPROVED	PRELIM. DATE
DRAWN	DEH	PROJECT NO.
		BART0001

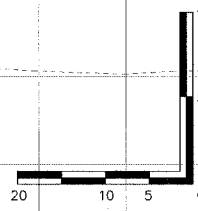
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THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, SEWERS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT THEY ARE NOT GUARANTEED. UNLESS ELEVATIONS ARE SHOWN. ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY COMPANY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.



FOR ADDITIONAL REMOVAL ITEMS AND INFORMATION, SEE REMOVAL PLAN SHEETS

CUI - 1  
Sta = 90+00.00  
Offset = 48.95'  
Elev = 605.65'  
Diameter = 15.00"  
NOTE: S



SHEET  
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OF  
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**STS CONSULTANTS**  
111 NE Jefferson Ave.  
Peoria, Illinois 61602  
PH: (309) 676-8484  
FAX: (309) 676-5445  
L. Design Firm Reg. No. 184-001518

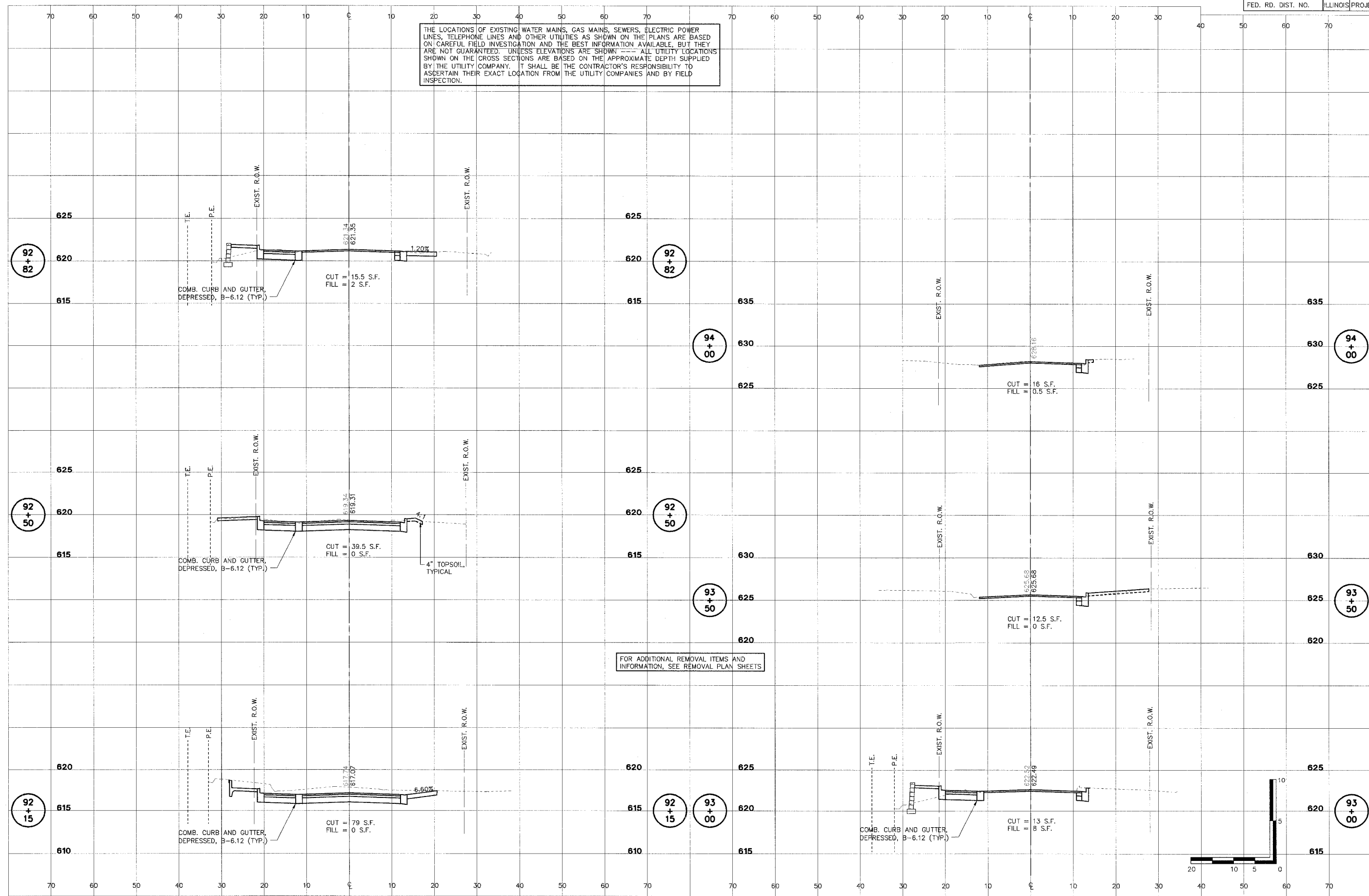
**LAFAYETTE AVE.  
BARTONVILLE IL.**

**SANDRON AVENUE  
CROSS SECTIONS  
STA. 90+00 TO STA. 92+00**

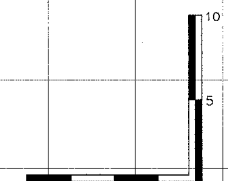
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DESIGN	APPROVED	PRELIM. DATE
DRAWN	CSA	PROJECT NO.
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THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, SEWERS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT THEY ARE NOT GUARANTEED. UNLESS ELEVATIONS ARE SHOWN --- ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY COMPANY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.



FOR ADDITIONAL REMOVAL ITEMS AND INFORMATION, SEE REMOVAL PLAN SHEETS

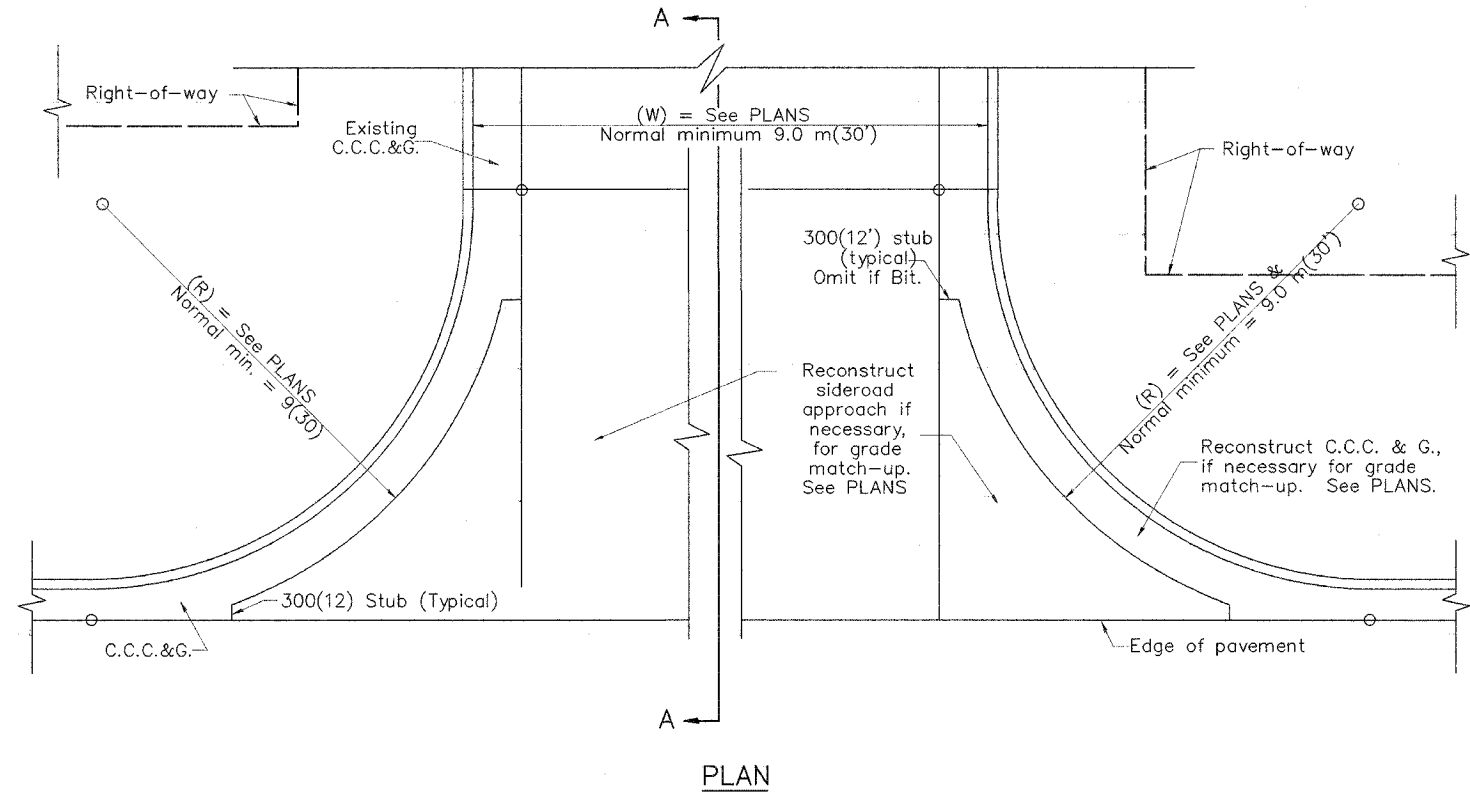
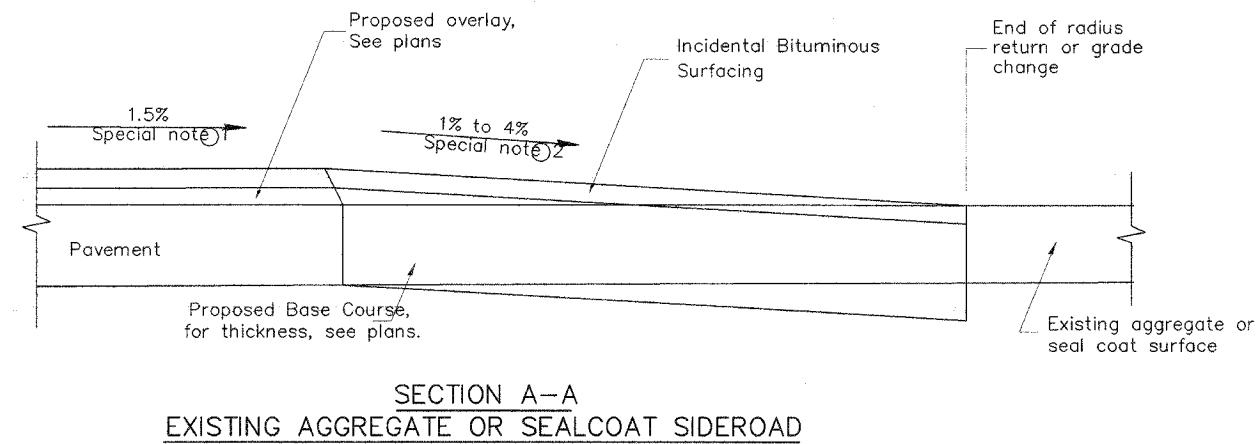
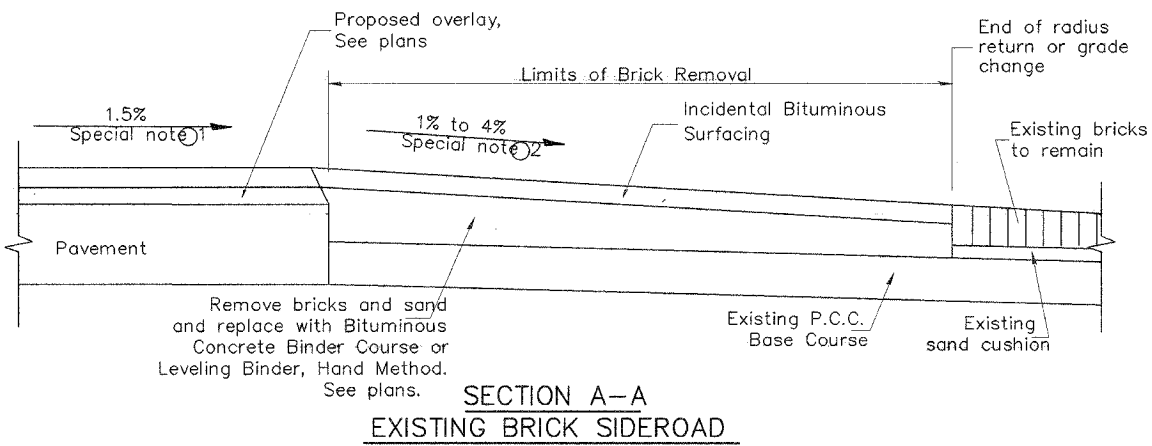
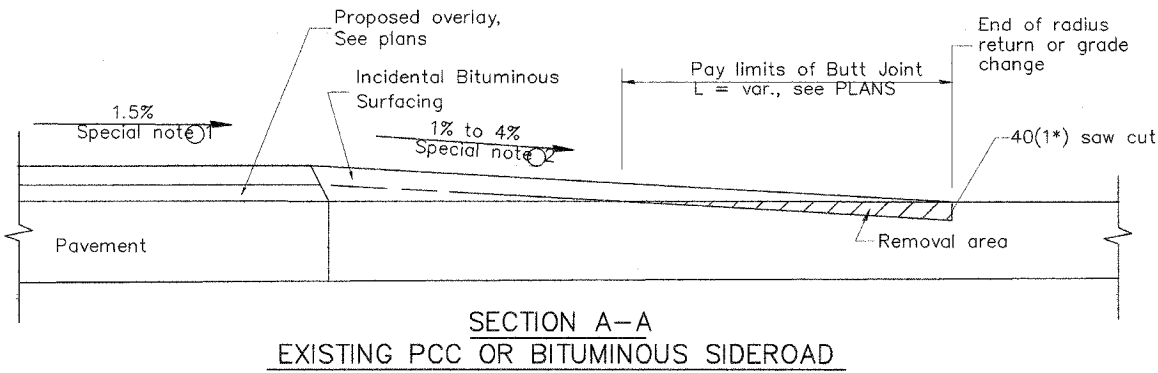


SHEET  
OF  
**71**  
**83**

L:\BART0001\DWG\VS-02 SANDRON.DWG 2:1:1

89358

1. DESIGNER SHOULD CONSULT THE BILE PROCEDURE MEMORANDUM 95-20 EFFECTIVE 07/01/91 ENTITLED "OR DESIGN POLICIES FOR REHABILITATING HIGHWAYS, STREETS AND BRIDGES FOR OTHER THAN FREEWAYS AND EXPRESSWAYS" Revised July 1995.  
 2. DESIGNER SHOULD REVIEW BDE PROCEDURE MEMORANDUM 94-12, DATED 7-1-94 ENTITLED "ACCESSIBILITY STANDARDS FOR THE DISABLED", IF SIDEWALKS ARE TO BE CONSTRUCTED INITIALLY.  
 3. STATE STANDARD 424001 SHOULD BE INCLUDED IN THE PLANS TO SUPPLEMENT THIS DRAWING, IF SIDEWALKS ARE TO BE CONSTRUCTED INITIALLY.



**SPECIAL NOTES**

- The mainline pavement cross-slope is 1.5% for tangent alignment. See Plans for cross-slope on super-elevated horizontal curves.
- The sideroad profile should drain away from the mainline at 1% to 4% for 15.0 m(50') to 30.0 m(100'), or as a minimum to the end of the radius return. When the sideroad is on the high side of a mainline super-elevated curve, -2% maximum should be provided in order to minimize breakover at the pavement edge. See plans for sideroad profiles.

All dimensions are in millimeters (inches) unless otherwise noted.

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**DISTRICT CADD STANDARD**

**URBAN SIDEROADS FOR  
'3R' PROJECTS**

CADD STD NO. 406501-D4  
SCALE: NOT DRAWN TO SCALE  
DATE \$\$\$DATE\$\$\$  
DRAWN BY CADD  
CHECKED BY: T. PICKERING

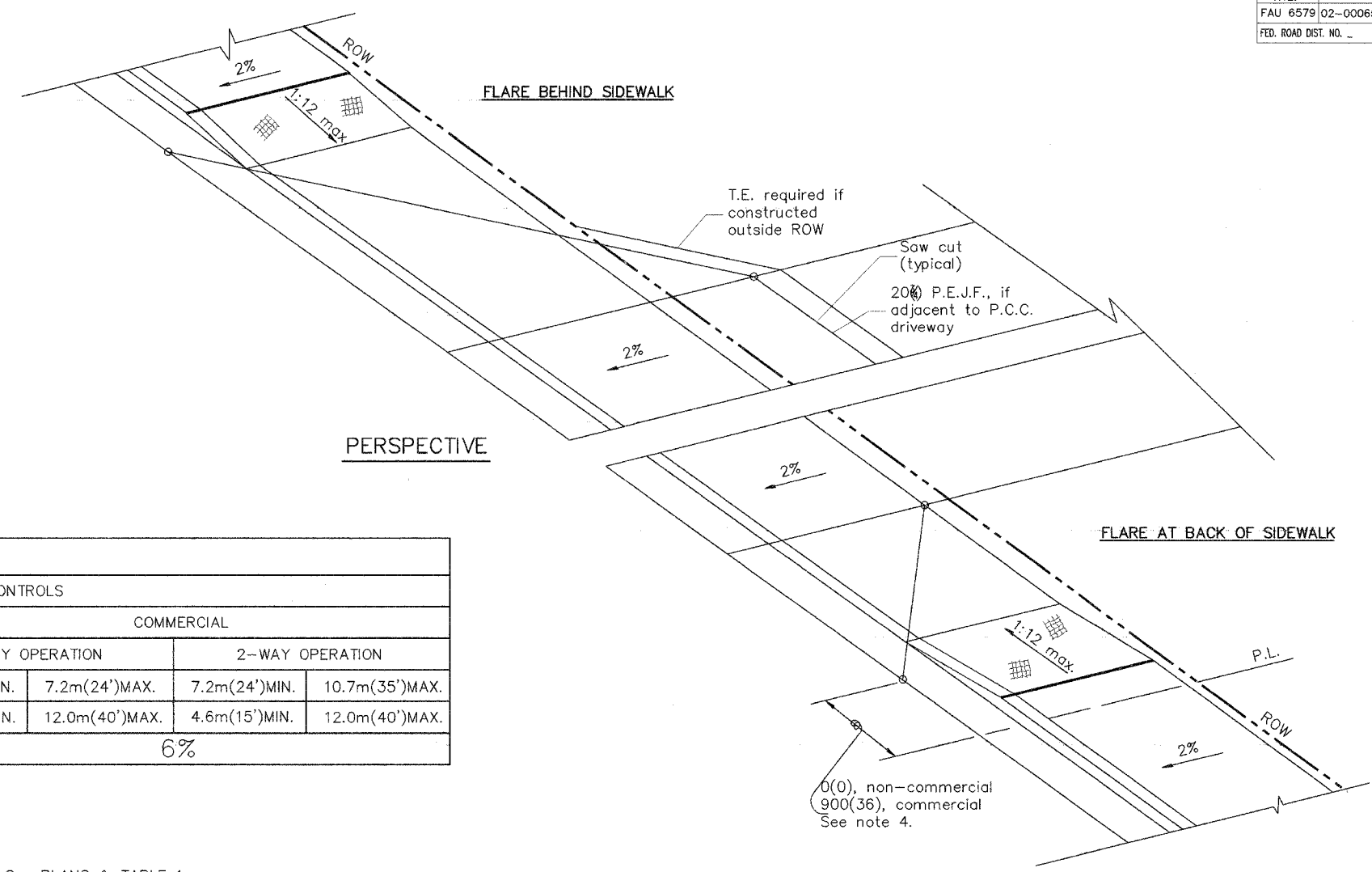
DATE	REVISIONS	BY
1-1-97	RENUM. C-105.01, NEW REVISION BOX	J.P.
7-1-97	REVISE DESIGNER NOTES	J.A.

**406501-D4**

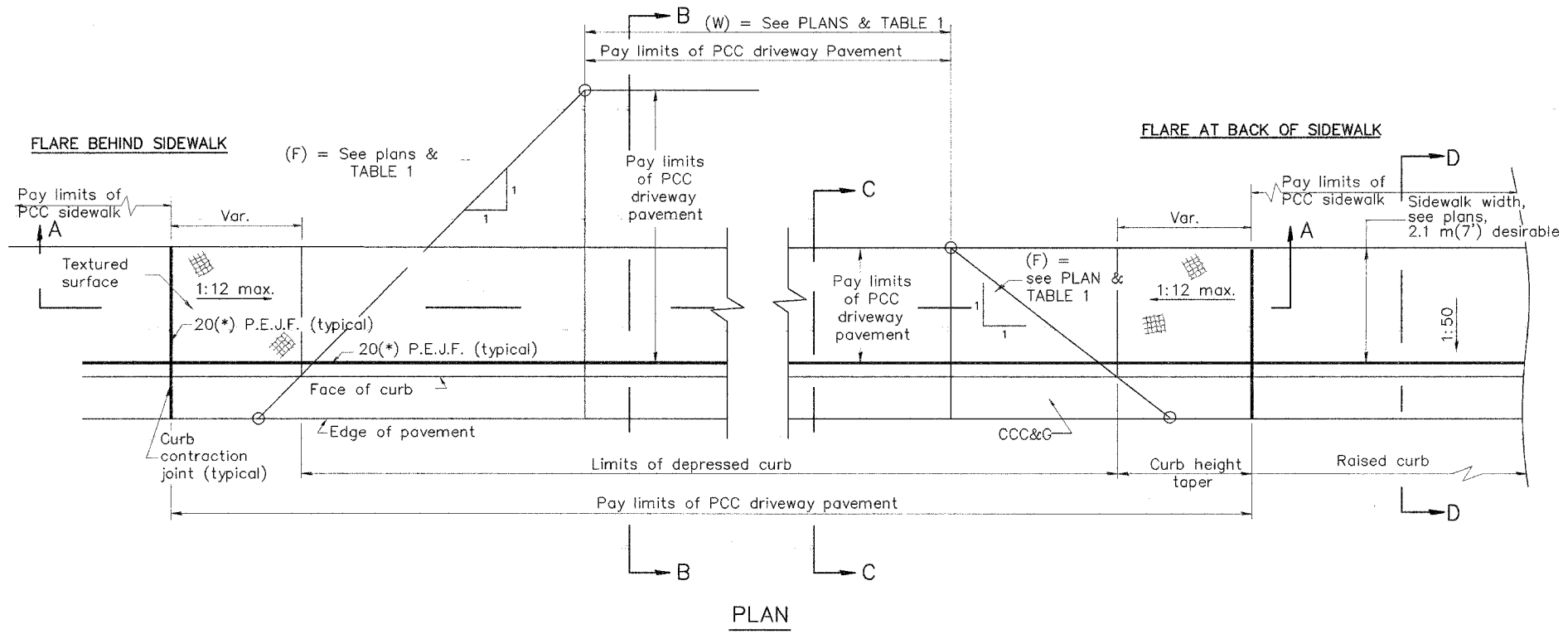


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 6579 02-00065-00-PV		PEORIA	83	73
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

89358



ELEMENT	NON-COMMERCIAL		COMMERCIAL			
			1-WAY OPERATION		2-WAY OPERATION	
WIDTH (W)	3.6m(12')MIN.	7.2m(24')MAX.	4.3m(14')MIN.	7.2m(24')MAX.	7.2m(24')MIN.	10.7m(35')MAX.
RADIUS EQUIVALENT 1:1 FLARE (F)	1.5m(5')MIN.	7.6m(25')MAX.	4.6m(15')MIN.	12.0m(40')MAX.	4.6m(15')MIN.	12.0m(40')MAX.
MAX. GRADE (G)	8%		6%			



**GENERAL NOTES**

1. Refer to State Standard 424001 for texturing and other disabled accessibility design elements.
2. The sidewalk area located within the pay limits of P.C.C. Driveway Pavement will be of the same thickness and construction as the P.C.C. Driveway Pavement.
3. Combination Concrete Curb & Gutter shall be depressed in accordance with Standard 606001.
4. Exceptions to the radius flare/property line relationship are as shown in the plans for common entrances, with jointly executed access permits.

All dimensions are in millimeters (inches) unless otherwise noted.

ILLINOIS DEPARTMENT OF TRANSPORTATION		
DISTRICT CADD STANDARD		
URBAN ENTRANCES ACCESSIBLE TO THE DISABLED FOR CURBLINE SIDEWALKS		
CADD STD NO. 423101-D4 SHEET 1 OF 2	SCALE: NOT DRAWN TO SCALE	DRAWN BY: CADD
DATE: \$\$\$DATE\$\$\$		CHECKED BY: T. PICKERING

DATE	REVISIONS	BY
1-1-9	RENUM. C-103.02, NEW REVISION BOX, REVISED GENERAL NOTES	T.P.

1:1 FLARES ARE RECOMMENDED FOR CURBLINE SIDEWALKS.  
 2. DESIGNER SHOULD REVIEW BDE PROCEDURE MEMORANDUM 94-12, DATED 7-1-94 ENTITLED "ACCESSIBILITY STANDARDS FOR THE DISABLED"  
 3. INCLUDE STATE STANDARD 424001 AND 606001.

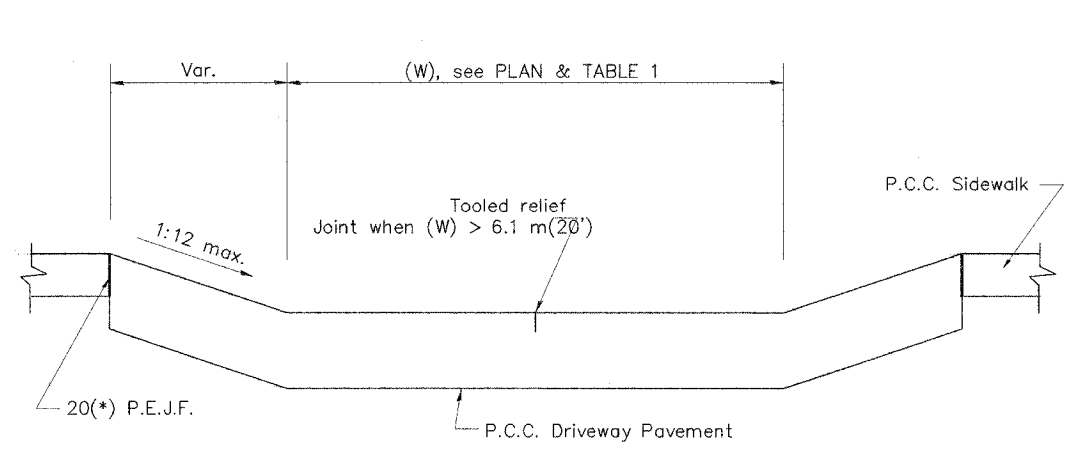
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\*DGN-ONLY\*

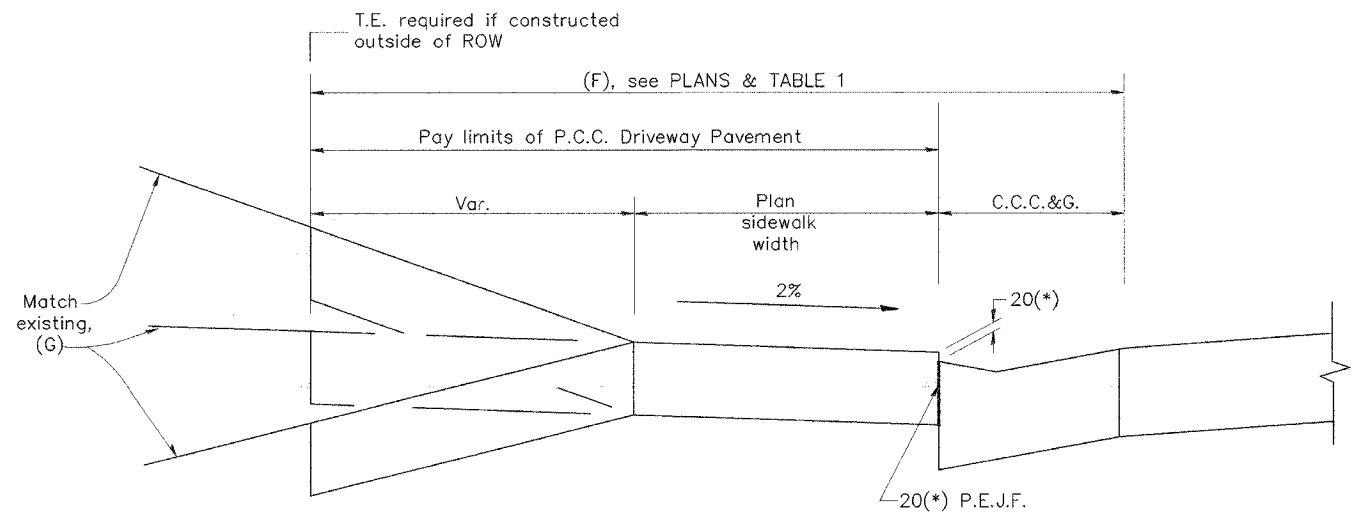
423101-D4 (1)

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 6579	02-00065-00-PV	PEORIA	83	74
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

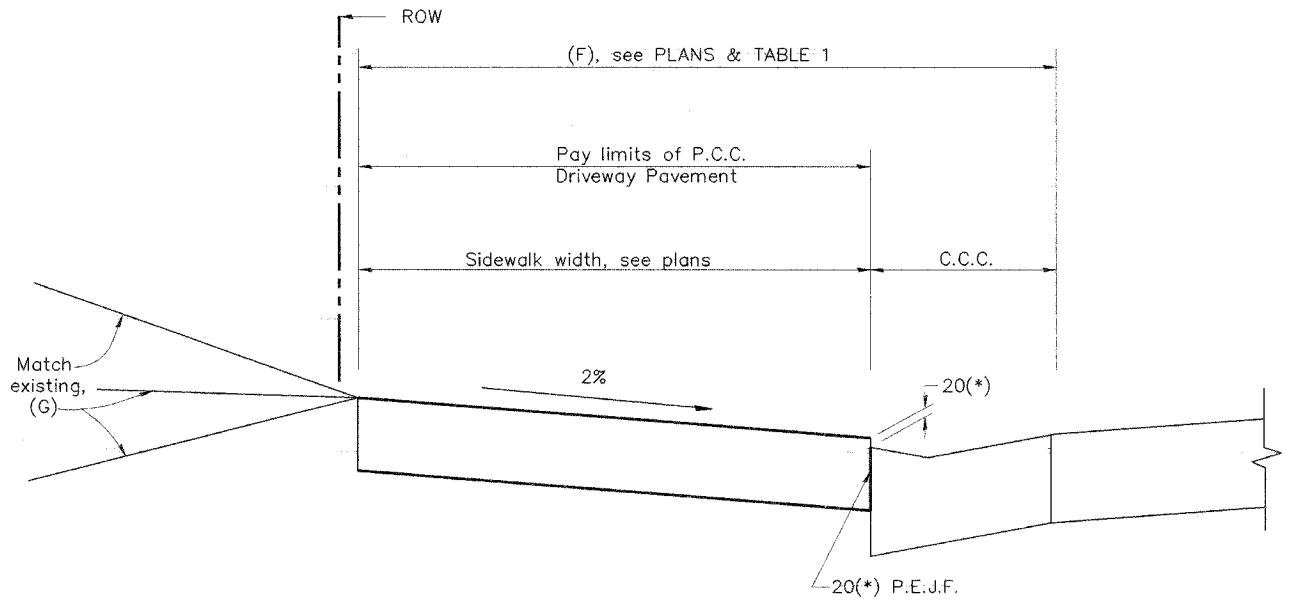
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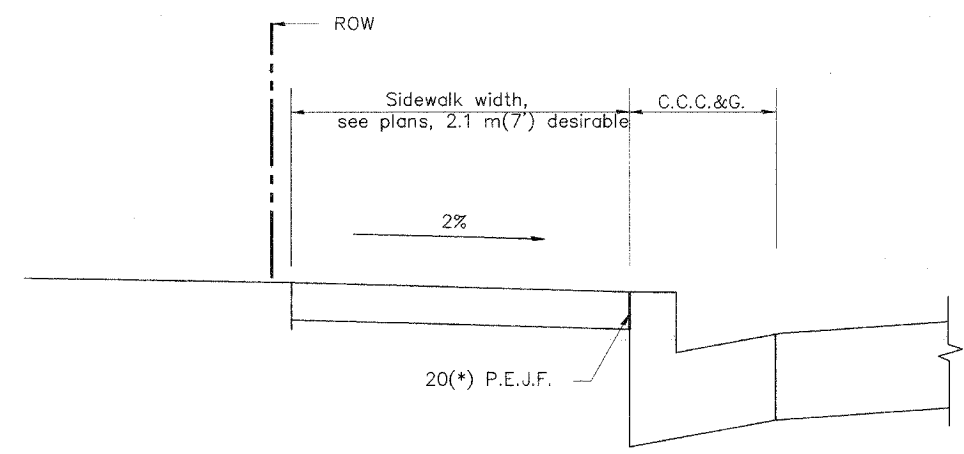
SECTION A-A



SECTION B-B



SECTION C-C



SECTION D-D

All dimensions are in millimeters (inches) unless otherwise noted.

ILLINOIS DEPARTMENT OF TRANSPORTATION	
DISTRICT CADD STANDARD	
URBAN ENTRANCES ACCESSIBLE TO THE DISABLED FOR CURBLINE SIDEWALKS	
CADD STD NO. 423101-D4 SHEET 2 OF 2	DRAWN BY CADD
SCALE: NOT DRAWN TO SCALE	CHECKED BY
DATE: \$\$\$DATE\$\$\$	

423101-D4 (2)

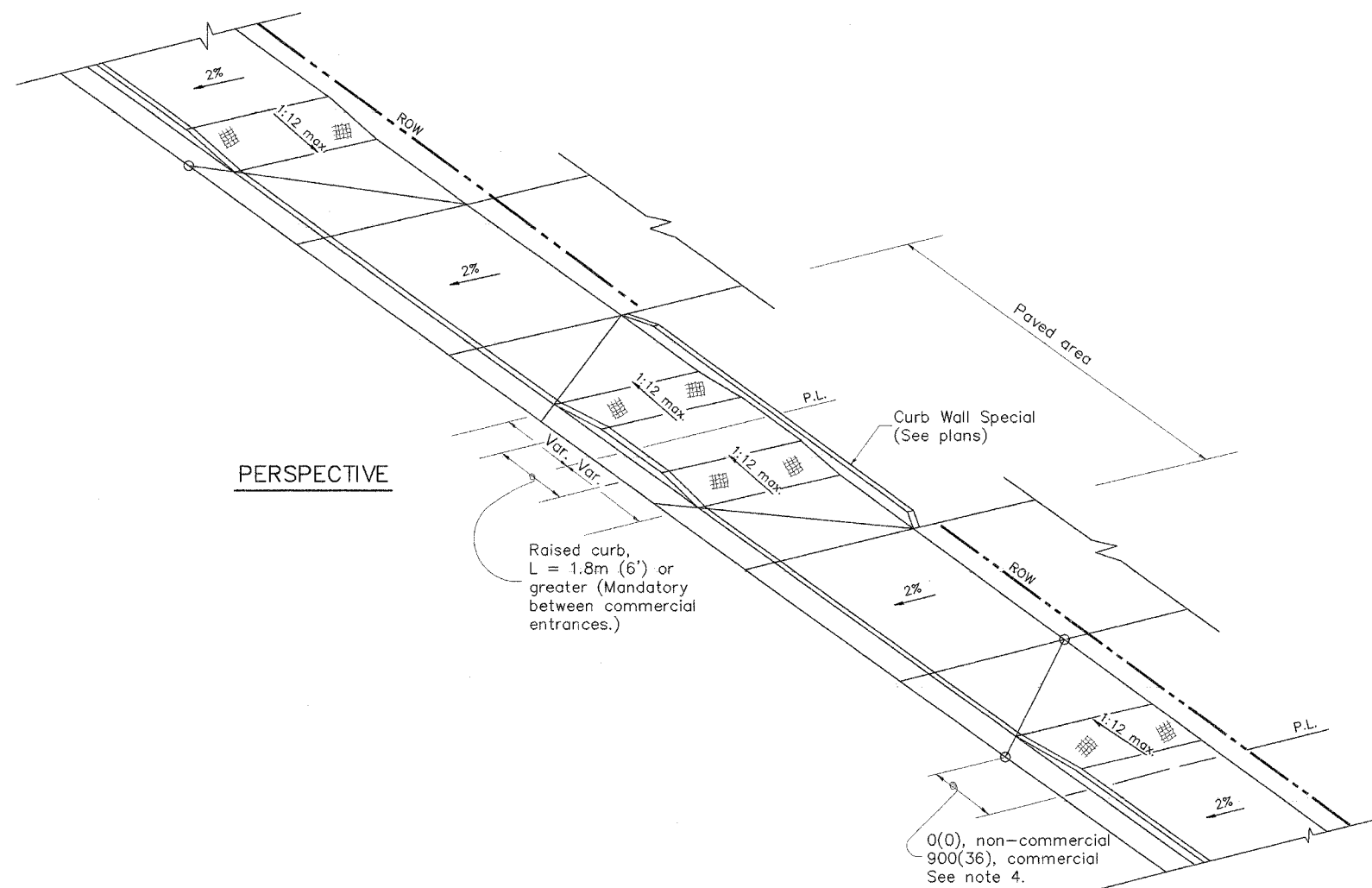
\$\$\$DATE\$\$\$

\*DGN-ONLY\*

D:\SRM101\31\INDR\423101-D4 (2) 12/17/2006 10:10:10 PM

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 6579	02-00065-00-PV	FEORIA	83	75
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

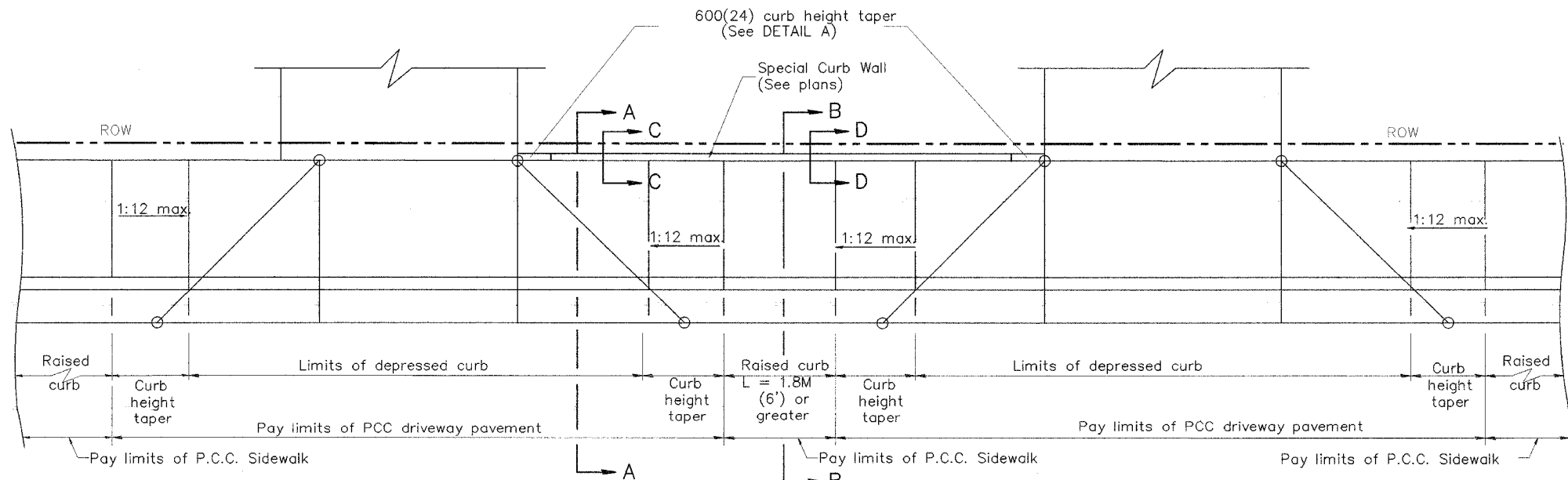
89358



PERSPECTIVE

GENERAL NOTES

1. Refer to State Standard 424001 for texturing and other disabled accessibility design elements.
2. The sidewalk area located within the pay limits of P.C.C. Driveway Pavement will be of the same thickness and construction as the P.C.C. Driveway Pavement.
3. Combination Concrete Curb & Gutter shall be depressed in accordance with Standard 606001.
4. Exceptions to the radius flare/property line relationship are as shown in the plans for common entrances, with jointly executed access permits.



PLAN

All dimensions are in millimeters (inches) unless otherwise noted.

ILLINOIS DEPARTMENT OF TRANSPORTATION	
DISTRICT CADD STANDARD	
URBAN ENTRANCES SPECIAL DESIGN FOR CLOSELY SPACED ENTRANCES (WITH PAVEMENT EDGE CURB BETWEEN ENTRANCES)	
CADD STD NO. 423116-D4	SHEET 1 OF 2
SCALE: NOT TO SCALE	DRAWN BY: CADD
DATE: \$DATE\$	CHECKED BY: T. PICKERING

DATE	REVISIONS	BY
1-1-99	PRENUM. C-103.07, NEW REV. BOX P.	J.A.
2-1-99	CORRECT SHEET 2 TITLE	J.A.

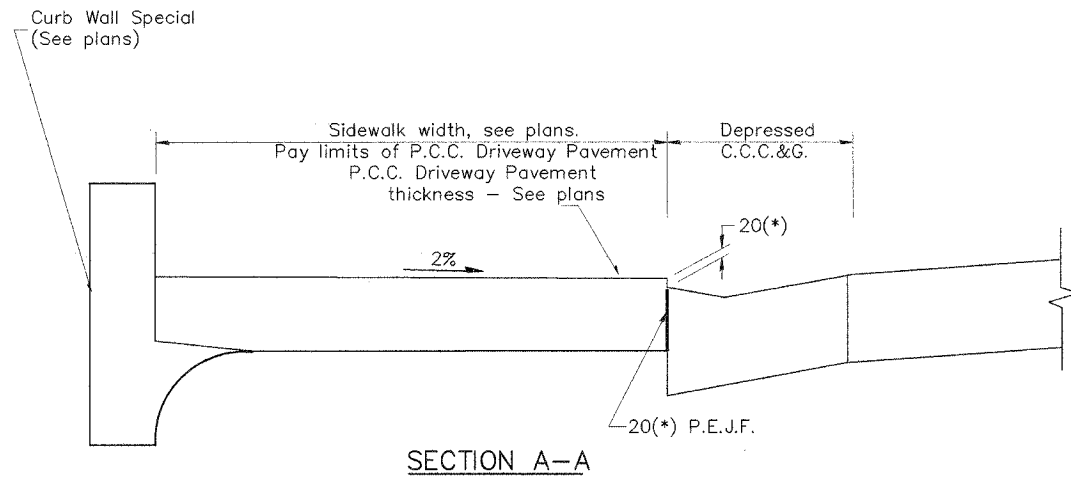
423116-D4 (1)

DESIGNER NOTE  
 1. THIS DRAWING SHOULD BE USED IN CONJUNCTION WITH DISTRICT CADD STD. "URBAN ENTRANCES, ACCESSIBLE TO THE DISABLED, FOR CURBLINE SIDEWALKS."  
 2. THIS DRAWING IS FOR USE WHEN A LENGTH OF RAISED CURB OF L = 1.8M(6') OR GREATER CAN BE OBTAINED BETWEEN ENTRANCES.  
 \*DGN-ONLY\*

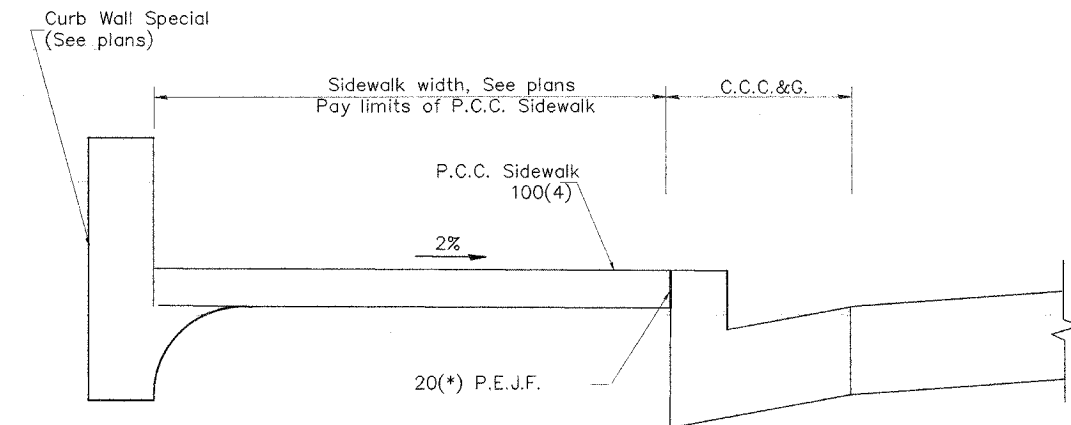
\*DGN-ONLY\*

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 6579	02-00065-00-PV	PEORIA	83	76
FED. ROAD DIST. NO. -	ILLINOIS	FED. AID PROJECT		

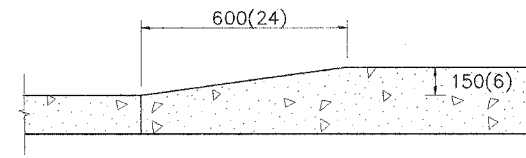
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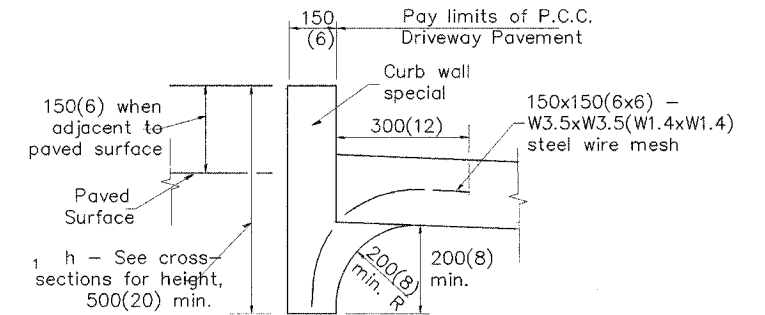
SECTION A-A



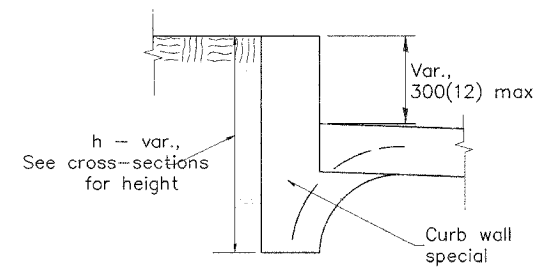
SECTION B-B



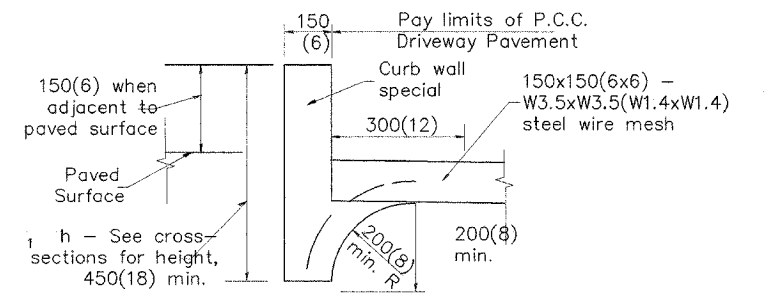
DETAIL 'A'  
Curb Height Taper Detail



SECTION C-C  
TYPICAL APPLICATION  
BETWEEN DRIVEWAYS



ALTERNATE TREATMENT  
WITH TURF BORDER



SECTION D-D  
TYPICAL APPLICATION  
BETWEEN DRIVEWAYS

**CURB WALL - SPECIAL**

Measurement formula:  $h \times \text{length constructed} =$   
Payment area in square meters(square feet)

**GENERAL NOTES**

1. The Curb Wall, Special, shall be poured monolithically with the adjacent P.C.C. Driveway Pavement or P.C.C. Sidewalk.
2. All provisions of Sections 424 and 606 of the Standard Specifications shall apply unless otherwise shown.

All dimensions are in millimeters (inches) unless otherwise noted.

ILLINOIS DEPARTMENT OF TRANSPORTATION  
URBAN ENTRANCES  
SPECIAL DESIGN FOR  
CLOSELY SPACED ENTRANCES  
(WITH PAVEMENT EDGE CURB BETWEEN ENTRANCES)  
CADD STD NO. 423116-D4 SHEET 2 OF 2  
SCALE: NOT TO SCALE DRAWN BY: CADD  
DATE: \$\$\$DATE\$\$\$ CHECKED BY: T. PICKERING

423116-D4 (2)

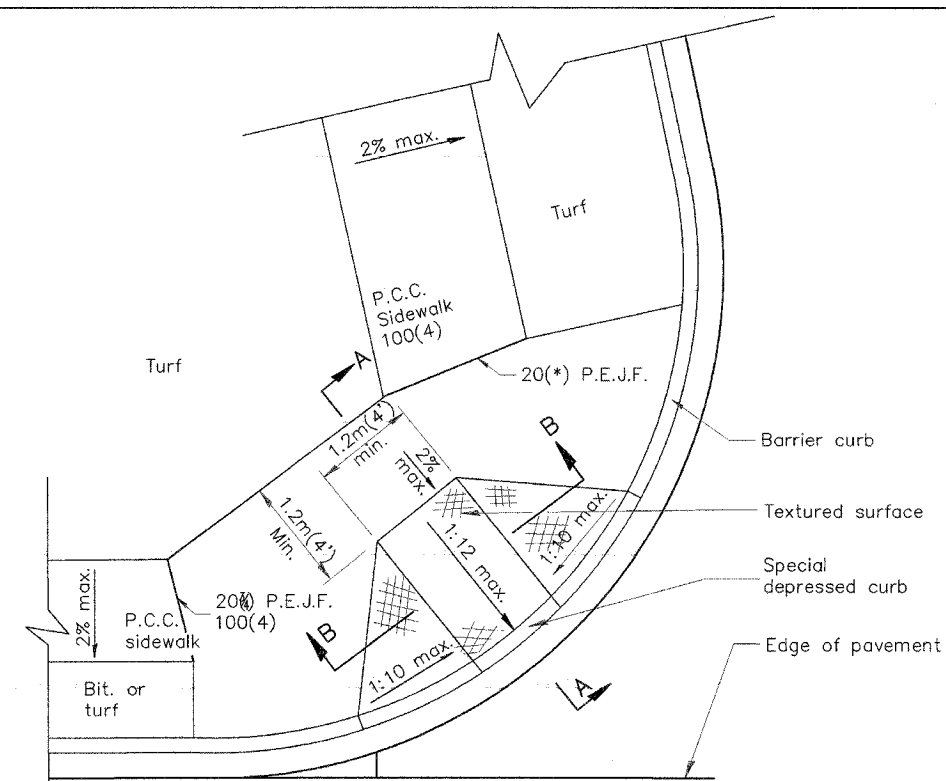
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\*DGN-ONLY\*

08/21/2006 08:17:37 PM

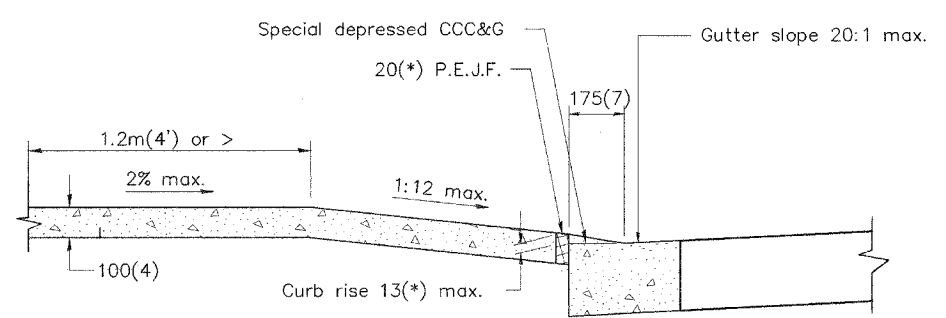
F.A. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 6579	02-00065-00-PV	PEORIA	83	77
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

89358

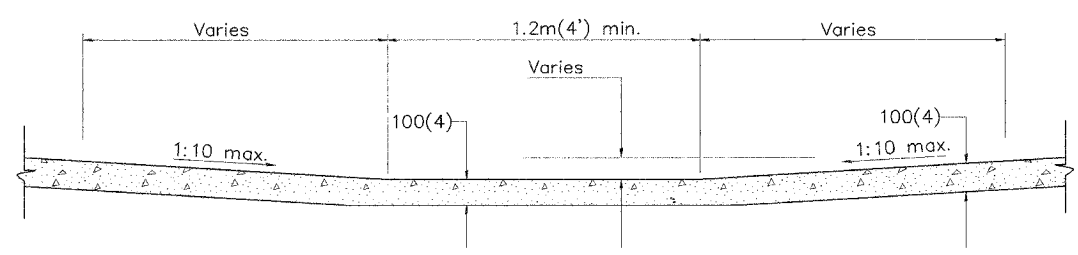


**CASE 1**

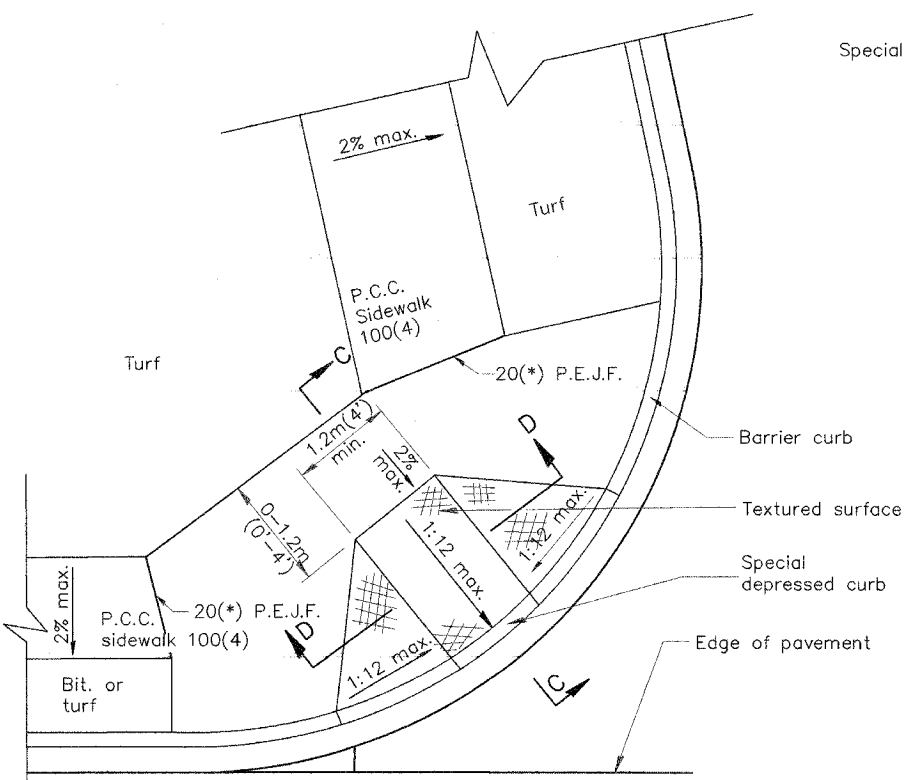
TYPE B RAMP WITH 1.2m(4') OR MORE AT BACK OF RAMP



**SEC. A-A**

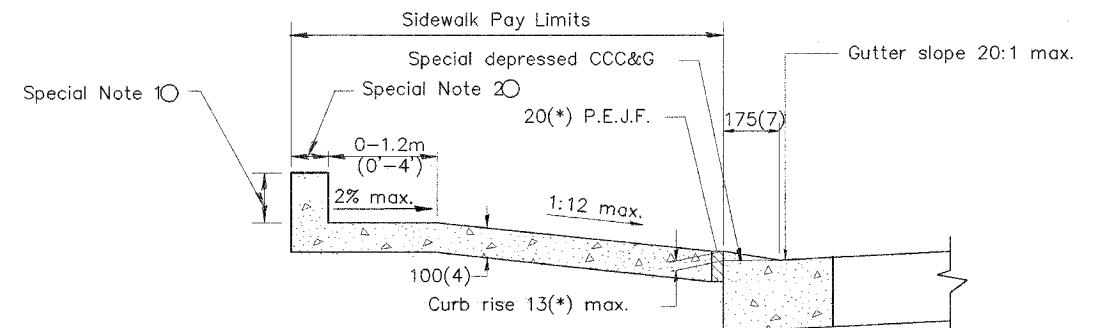


**SEC. B-B**

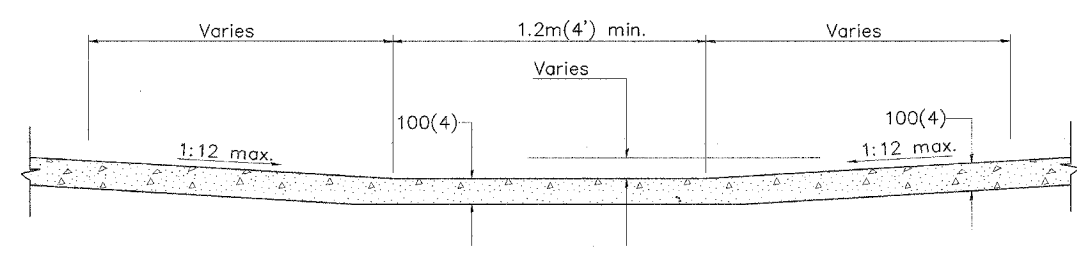


**CASE 2**

TYPE B RAMP WITH LESS THAN 1.2m(4') AT BACK OF RAMP



**SEC. C-C**



**SEC. D-D**

**GENERAL NOTES**

1. Refer to State Standard 424001 for texturing and other design elements.
2. The controls shown on this standard are applicable to Type B Curb and Combination Concrete Curb & Sidewalk construction.
3. The maximum length of texturing shall be 1.8m(6') unless otherwise shown.

**SPECIAL NOTES**

- ① Variable height edge treatment as required to match existing conditions.  
Maximum height = 225(9)
- ② 100(4) wall to be built outside of plan sidewalk width, if ROW allows.

All dimensions are in millimeters (inches) unless otherwise noted.

ILLINOIS DEPARTMENT OF TRANSPORTATION		
DISTRICT CADD STANDARD		
SIDEWALK RAMPS		
ACCESSIBLE TO THE DISABLED		
CADD std. NO. 424001-D4	SHEET 1 of 2	
SCALE: NOT DRAWN TO SCALE	DRAWN BY CADD	
DATE \$\$\$DATE\$\$\$	CHECKED BY	

DATE	REVISIONS	BY
1-1-99	RENUM. A-5.01, NEW REVISION BOX, REVISED TITLE.	T.P.

1. THIS DRAWING SHOULD BE USED IN CONJUNCTION WITH STATE STANDARD 424001.  
2. DESIGNER SHOULD REVIEW BDE PROCEDURE MEMORANDUM 94-12, DATED 7-1-94 ENTITLED "ACCESSIBILITY STANDARDS FOR THE DISABLED".

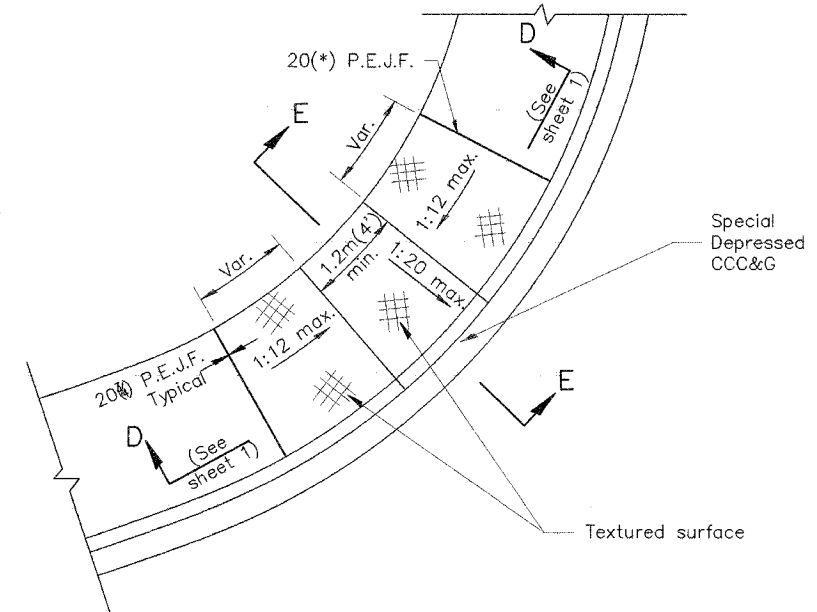
\$\$\$DATE\$\$\$

\*DGN-ONLY\*

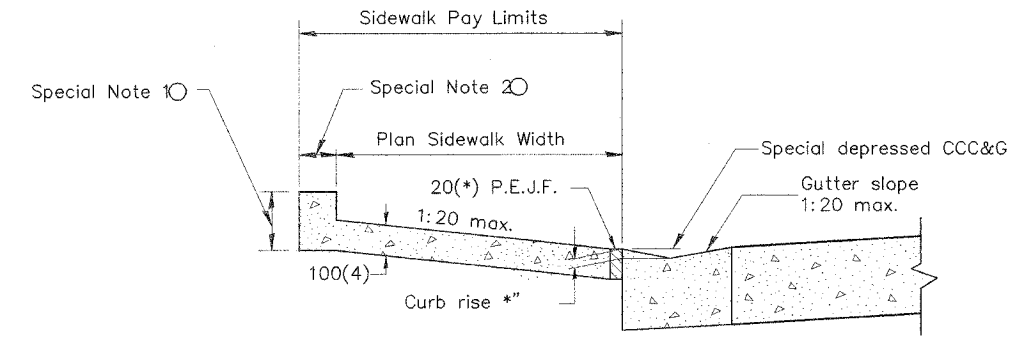
424001-D4 (1)

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 6579	02-00065-00-PV	PEORIA	83	78
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

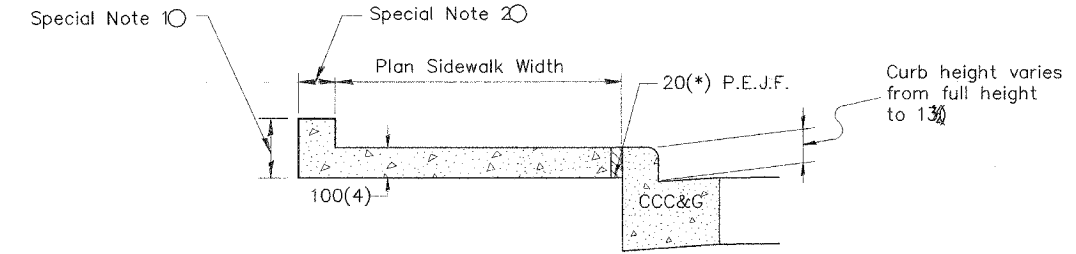
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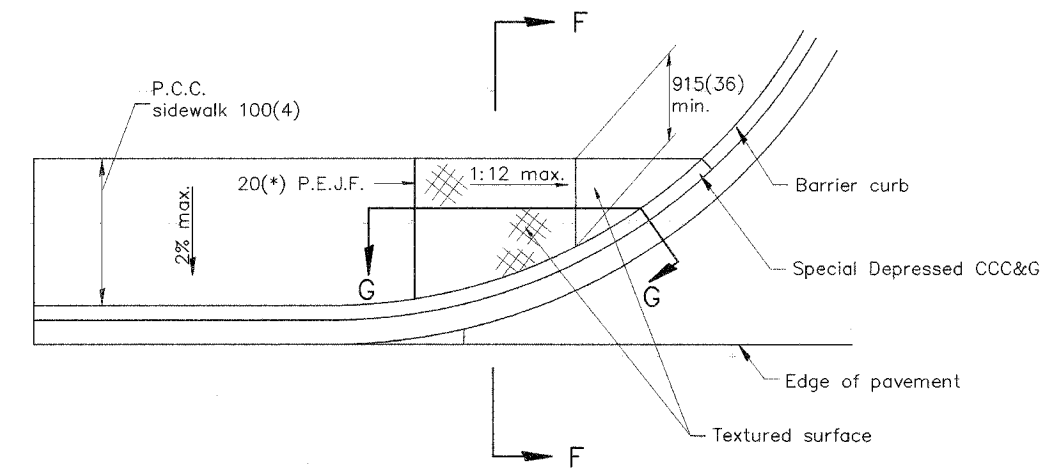
**CASE 3**  
TYPE B DIAGONAL RAMP WITH CURBLIN SIDEWALK



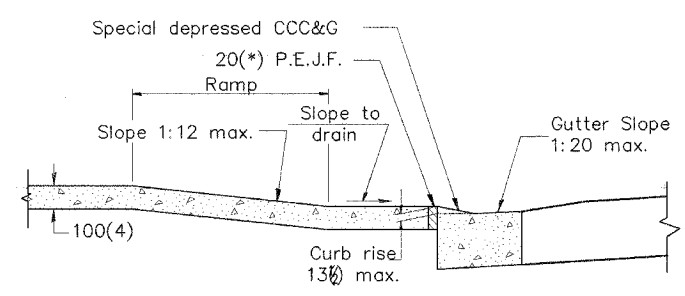
**SEC. E-E**



**SEC. F-F**



**CASE 4**  
TYPE B RAMP WITH CURBLIN SIDEWALK



**SEC. G-G**

All dimensions are in millimeters (inches) unless otherwise noted.

ILLINOIS DEPARTMENT OF TRANSPORTATION	
DISTRICT CADD STANDARD	
SIDEWALK RAMPS ACCESSIBLE TO THE DISABLED	
CADD std. NO. 424001-D4	SHEET 2 of 2
SCALE: NOT DRAWN TO SCALE	DRAWN BY CADD
DATE \$\$\$DATE\$\$\$	CHECKED BY

424001-D4 (2)

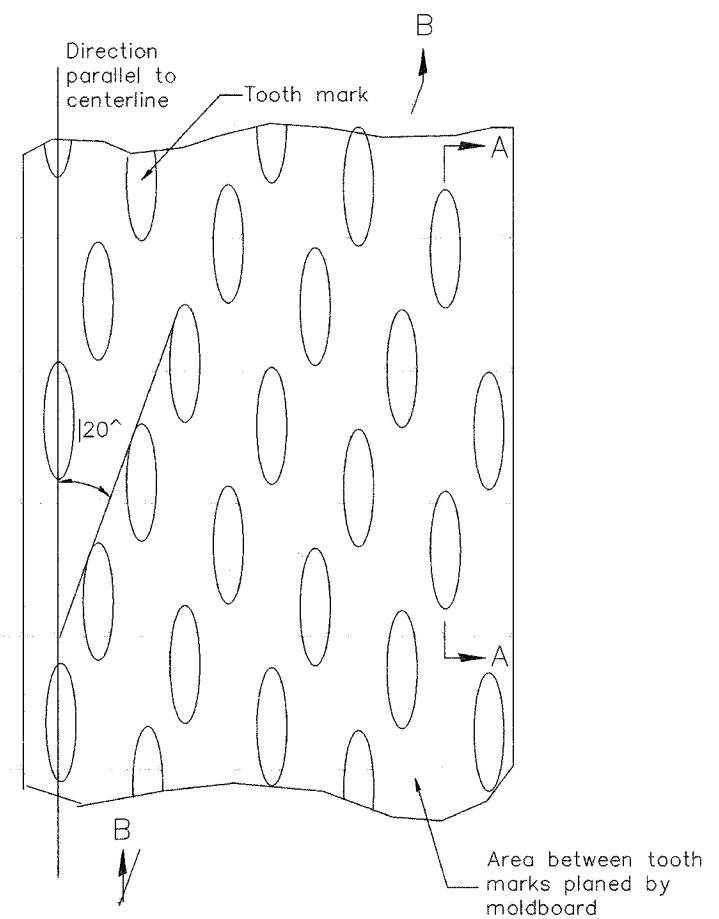
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\*DGN-ONLY\*

17/02/2006 11:17:34 PM

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 6579102-00065-00-PV		PEORIA	83	79
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

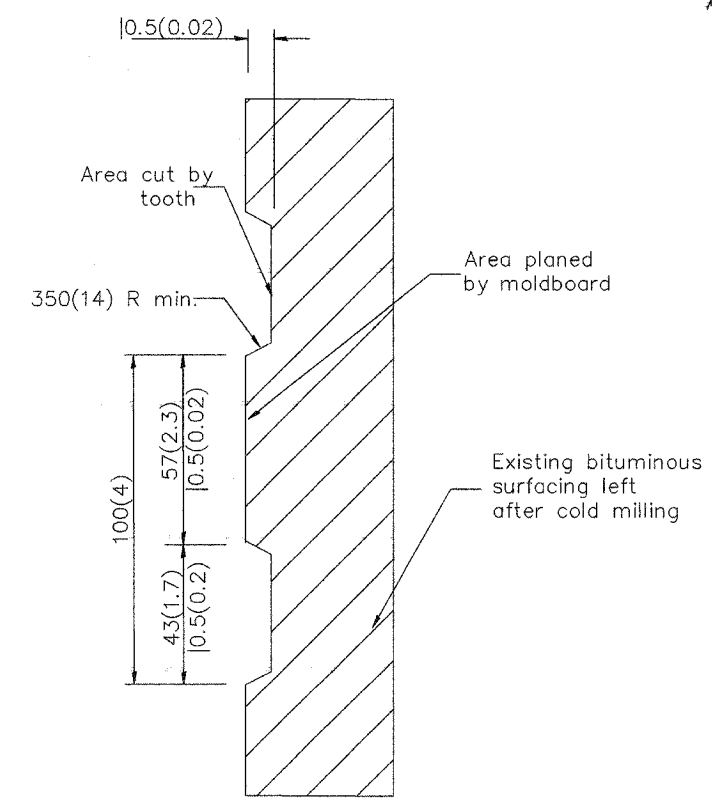
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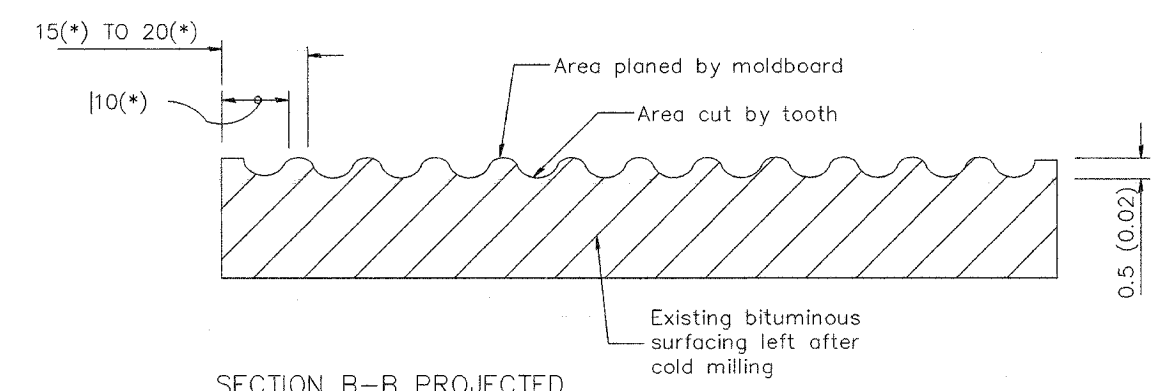
PLAN

General notes:

1. Coldmilling shall consist of two processes: Cutting with carbide teeth mounted on a rotating drum, and planing with a moldboard mounted immediately behind the cutting drum.
2. Other similar patterns will be acceptable if they consist of a smooth, flat, planed surface interspersed with a pattern of discontinuous longitudinal striations.



SECTION A-A



SECTION B-B PROJECTED  
PERPENDICULAR TO CENTERLINE

All dimensions are in millimeters (inches) unless otherwise noted.

ILLINOIS DEPARTMENT OF TRANSPORTATION  
DISTRICT CADD STANDARD

DATE	REVISIONS	BY
1-1-97	RENUM. C-104.01. NEW REVISION BOX	T. P.
4-20-98	REMOVED MILLING DETAIL FROM STD.	J. A.
9-08-98	CORRECT NOTE LEADER PLACEMENT	R. W.

BITUMINOUS SURFACE REMOVAL  
(COLD MILLING)

CADD STD NO. 440001-D4  
SCALE: NOT DRAWN TO SCALE DRAWN BY CADD  
DATE \$\$\$DATE\$\$\$ CHECKED BY

DESIGNER NOTE  
1. INCLUDE DISTRICT SPECIAL PROVISION, IF APPLICABLE.

\$\$\$DATE\$\$\$

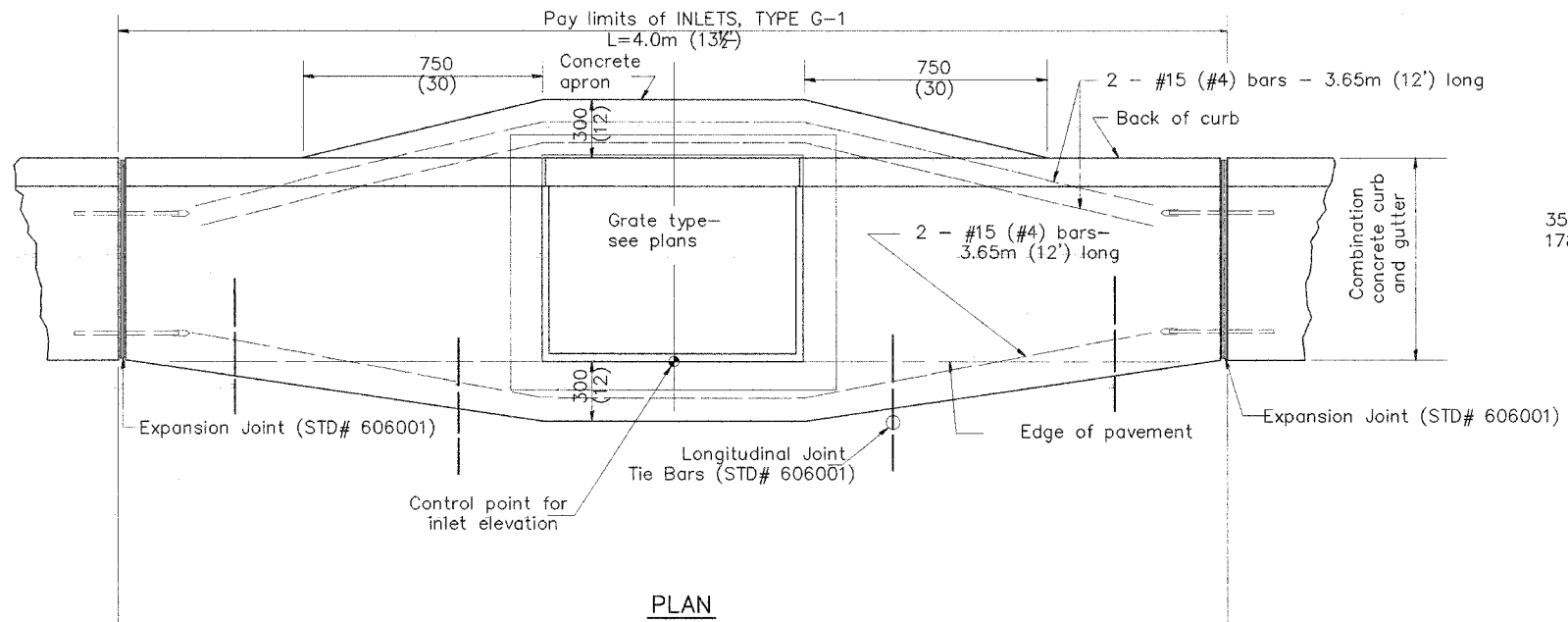
\*DGN--ONLY\*

440001-D4

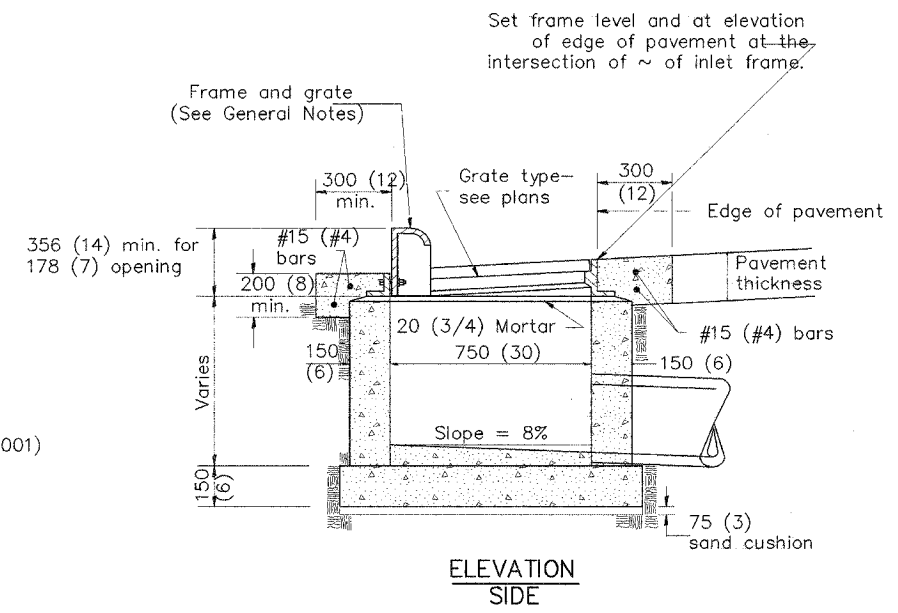
DISTRICT STANDARD 1/10/2005 10:16:54 PM

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 6579/02-00065-00-PV		PEORIA	83	80
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

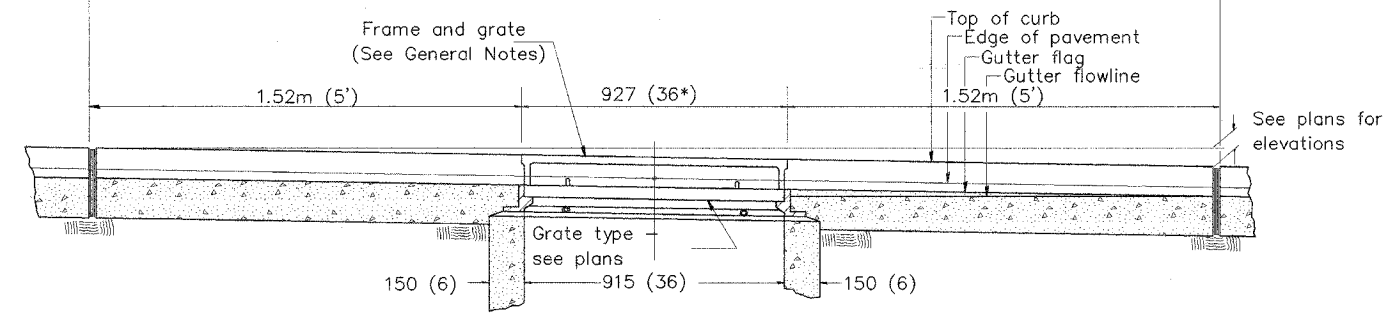
89358



PLAN



ELEVATION SIDE



ELEVATION FRONT

GENERAL NOTES

1. Inlet construction shall be in accordance with Section 602 of the Standard Specifications.
2. Combination Concrete Curb & Gutter shall be constructed in accordance with Section 606 of the Standard Specifications.
3. See District CADD Standard 604001-D4 for frame and grates.

2. Include State Standard 420001 for pavement joints.  
 3. Include District CADD Standard for frame and grates and specify grate type in plans.  
 4. Include District Special Provision. Pay Item includes transitional c.c.c. &g, inlet and frame and grate.  
 5. The designer should include pavement removal quantities when the apron requires pavement removal.

\$\$\$DATE\$\$\$

All dimensions are in millimeters (inches) unless otherwise noted.

ILLINOIS DEPARTMENT OF TRANSPORTATION  
DISTRICT CADD STANDARD

INLETS, TYPE G-1

CADD STD NO. 602001-D4

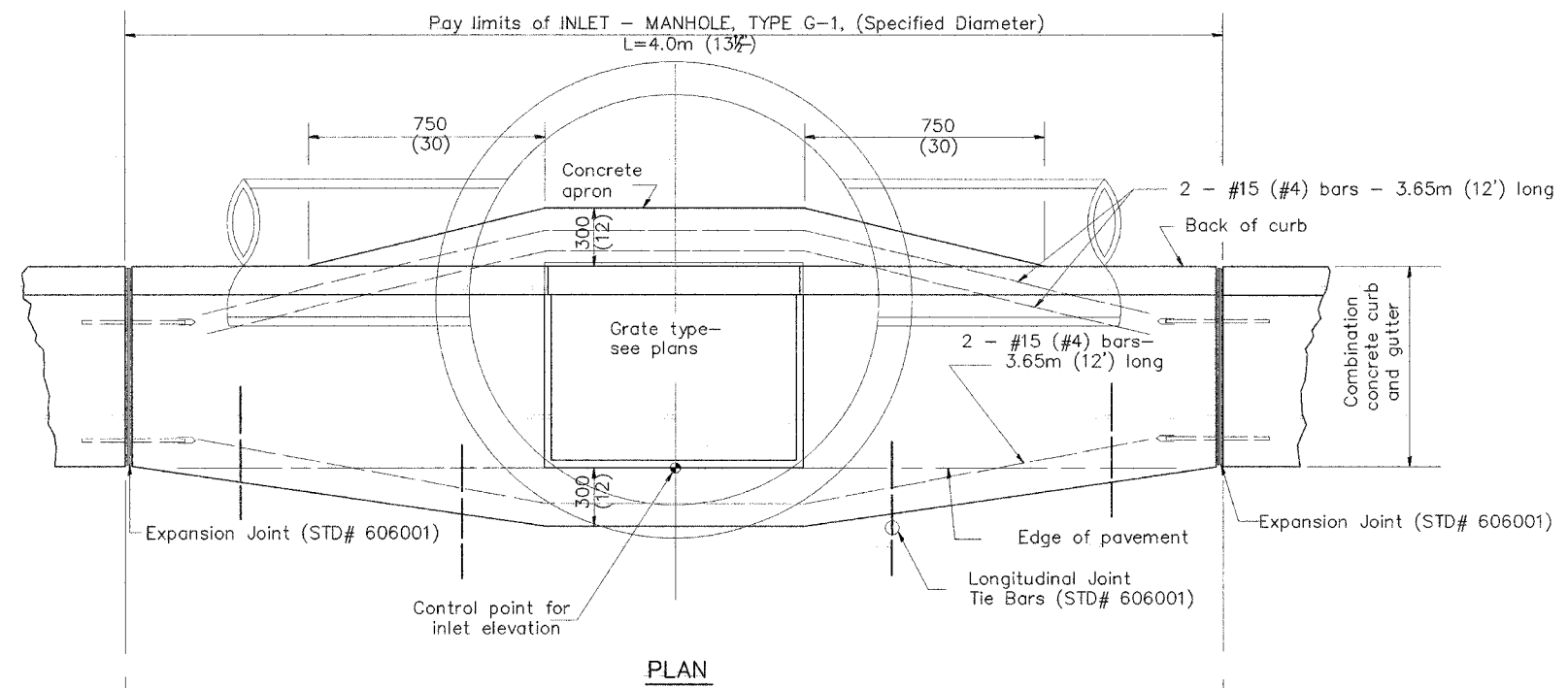
SCALE NOT TO SCALE  
DATE \$\$\$DATE\$\$\$  
DRAWN BY CADD  
CHECKED BY

DATE	REVISIONS	BY
1-1-97	RENUM. B-4.01. NEW REVISION BOX	T.P.
10-99	REVISION TO GENERAL NOTES	J.A.
2-00	REVISION TO DESIGNER NOTES	J.A.

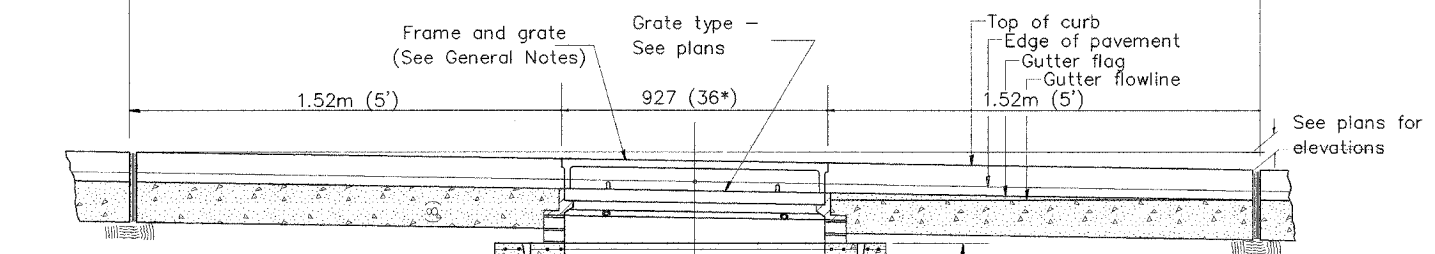
\*DGN-ONLY\*



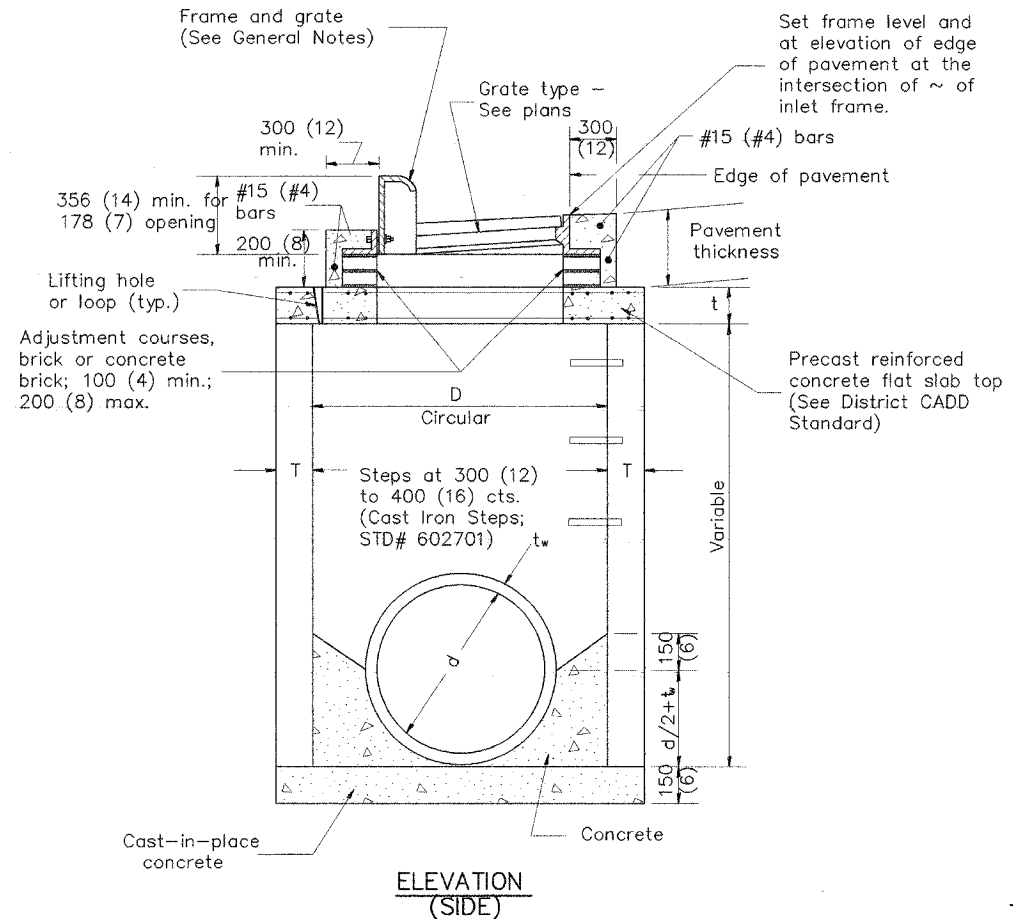
89358



PLAN



ELEVATION (FRONT)



ELEVATION (SIDE)

Set frame level and at elevation of edge of pavement at the intersection of ~ of inlet frame.

Precast reinforced concrete flat slab top (See District CADD Standard)

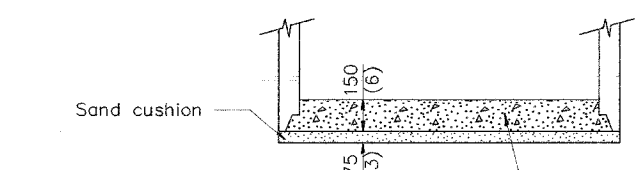
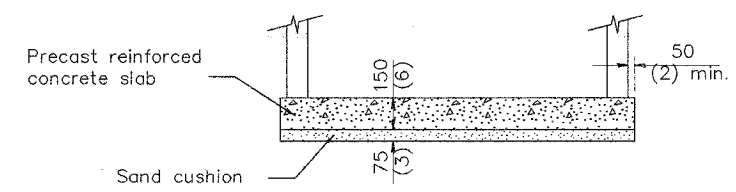
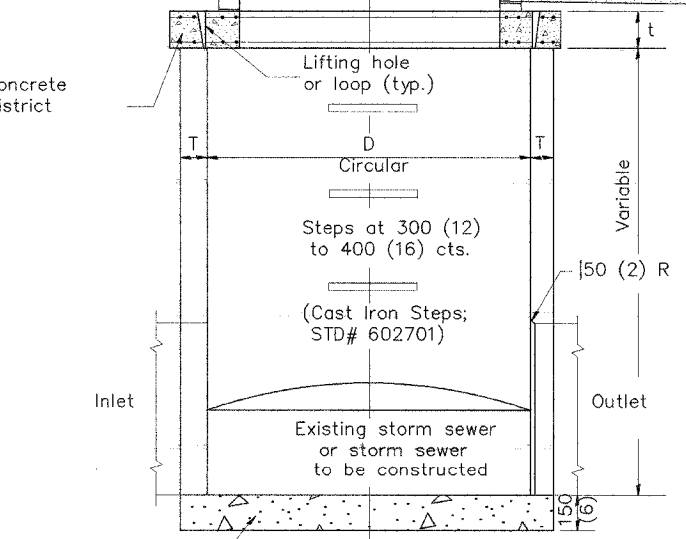
TABLE

D	T	t
1.2m (4')	125 (5)	150 (6)
1.5m (5')	150 (6)	200 (8)
1.8m (6')	195 (7 3/4)	200 (8)
2.4m (8')	225 (9)	250 (10)

GENERAL NOTES

- Inlet-manhole construction shall be in accordance with Section 602 of the Standard Specifications.
- Combination concrete curb and gutter shall be constructed in accordance with Section 606 of the Standard Specifications.
- See District CADD Standard 604001-D4 for frame and grates.
- See District CADD Standard for precast reinforced concrete flat slab top.

Precast reinforced concrete flat slab top (See District CADD Standard)



Prefabricated concrete slab, when the precast reinforced concrete section alternate is used.

ALTERNATE BOTTOM SLAB

All dimensions are in millimeters (inches) unless otherwise noted.

ILLINOIS DEPARTMENT OF TRANSPORTATION  
DISTRICT CADD STANDARD

INLET-MANHOLE, TYPE G-1

CADD STANDARD 602021-D4

SCALE NOT TO SCALE  
DATE \$\$\$DATE\$\$

DRAWN BY CADD  
CHECKED BY

DATE	REVISIONS	BY
1-1-97	RENUM. B-4.05, NEW REVISION BOX	
10-99	REVISION TO GENERAL NOTES	J.A.
2-00	REVISION TO DESIGNER NOTES	J.A.

602021-D4

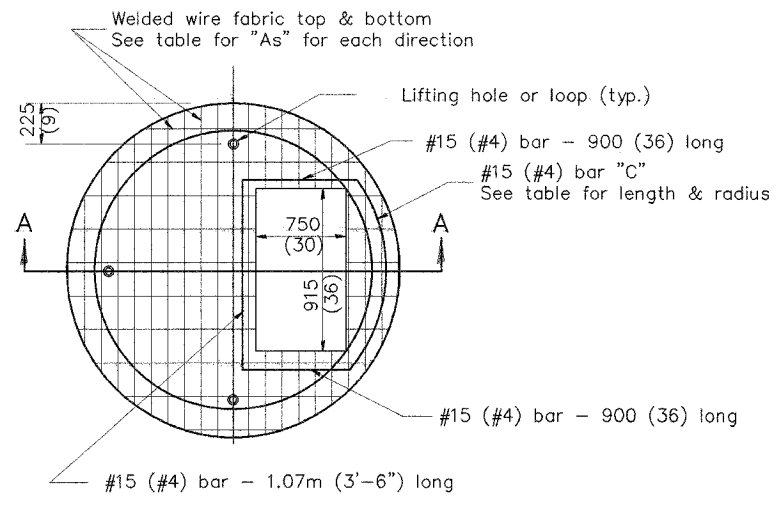
4. Include District CADD Standard for frame and grates and specify grate type in plans.  
5. Include District CADD Standard for precast reinforced concrete flat slab top.  
6. Include District Special Provision. Pay item includes inlet - manhole, flat slab top, transitional c.c.&g. and frame and grate. All work within pay limits.  
7. Specify diameter of inlet - manhole in plans.  
8. The designer should include pavement removal quantities when the apron requires pavement removal.

\$\$\$DATE\$\$\$

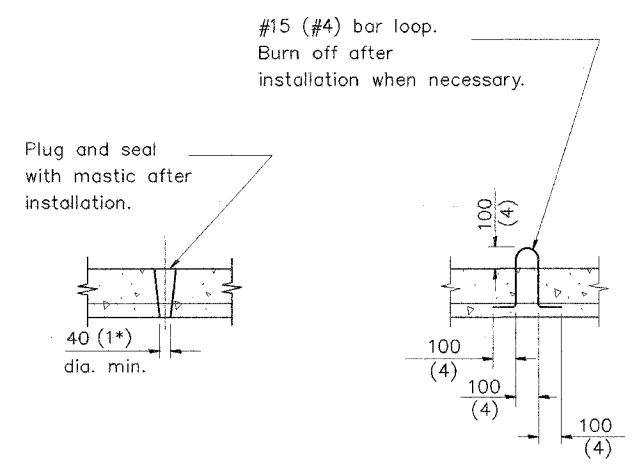
\*DGN-ONLY\*

17/02/2006 9:35:34 PM

89358



PLAN

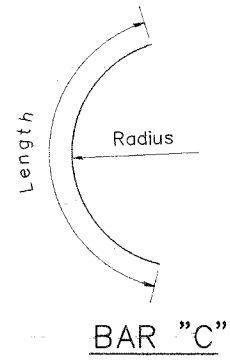


LIFTING HOLE OR LIFTING LOOP  
TYPICAL

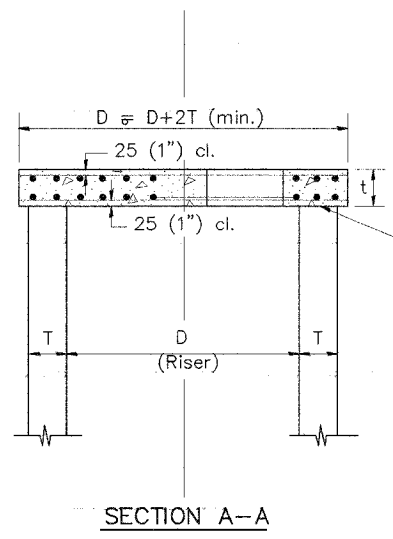
(3 required per slab)

TABLE

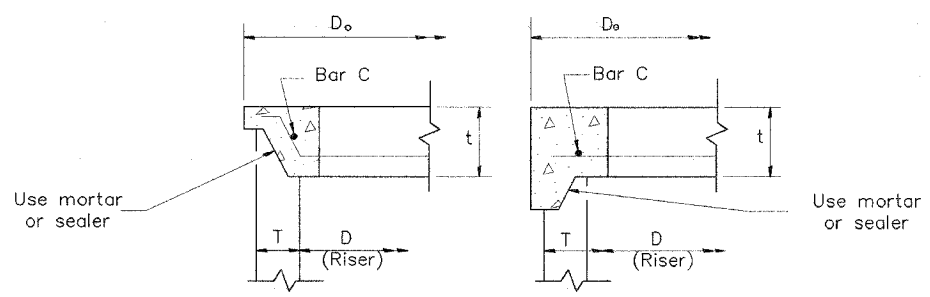
D	T	D <sub>o</sub> (min.)	t	Reinforcement "As" W.W.F. each direction	Bar size	No. 15 (No. 4) Bar C	
						Length	Radius
1.2m (4')	125 (5)	1.5m (4'-10")	150 (6)	1480mn <sup>2</sup> /m (0.70 sq. inch/lin. ft.)	No. 15 (No. 5)	1.35m (4'-6")	660 (26)
1.5m (5')	150 (6)	1.8m (6'-0")	200 (8)	1480mn <sup>2</sup> /m (0.70 sq. inch/lin. ft.)	No. 15 (No. 5)	1.5m (5'-0")	810 (32)
1.8m (6')	195 (7)	2.2m (7'-3")	200 (8)	1860mn <sup>2</sup> /m (0.88 sq. inch/lin. ft.)	No. 20 (No. 6)	1.8m (6'-0")	965 (38)
2.4m (8')	225 (9)	2.9m (9'-6")	250 (10)	1860mn <sup>2</sup> /m (0.88 sq. inch/lin. ft.)	No. 20 (No. 6)	2.3m (7'-6")	1.27m (4'-2")



BAR "C"



SECTION A-A



ALTERNATE JOINT CONFIGURATIONS

GENERAL NOTES

1. The precast reinforced concrete flat slab top shall be used with INLET-MANHOLE, TYPE G-1 and INLET-MANHOLE, TYPE G-1, SPECIAL.
2. Joint configuration and dimensions of flat slab top shall match and fit the riser joint detail.
3. Lifting devices shall be approved by the Engineer.

All dimensions are in millimeters (inches) unless otherwise noted.

ILLINOIS DEPARTMENT OF TRANSPORTATION  
DISTRICT CADD STANDARD  
PRECAST REINFORCED CONCRETE  
FLAT SLAB TOP FOR  
INLET-MANHOLE, TYPE G-1 AND  
TYPE G-1, SPECIAL  
CADD STANDARD 602101-D4  
SCALE NOT TO SCALE  
DATE \$\$\$DATE\$\$\$ DRAWN BY CADD  
CHECKED BY

DATE	REVISIONS	BY
1-1-97	RENUM. B-4.07, NEW REVISION BOX	T.P.

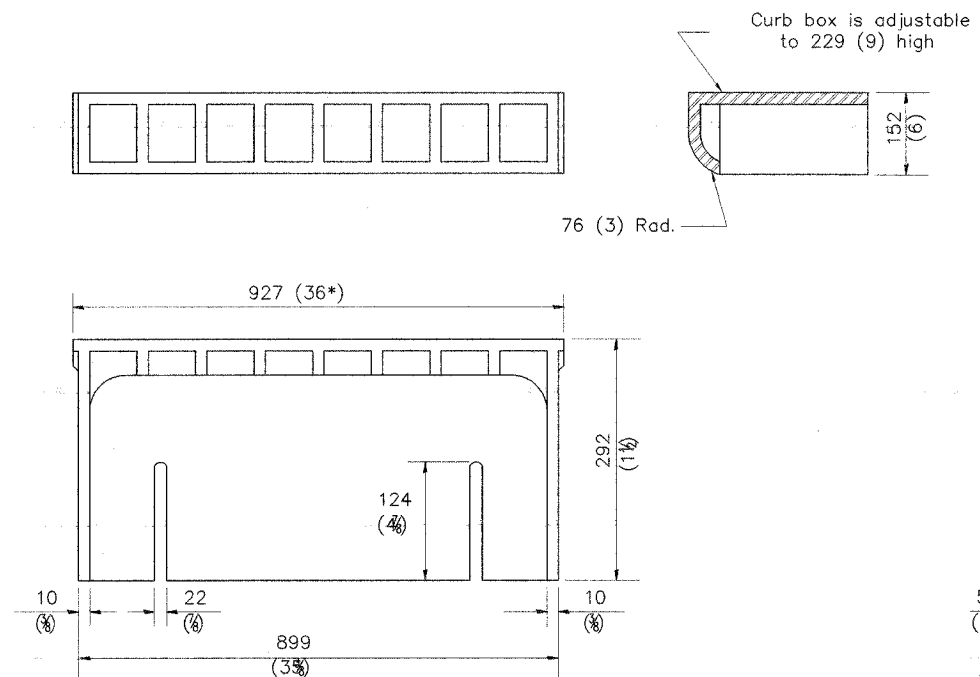
602101-D4

DESIGNER NOTES:  
1. Include this standard with Type G-1 and Type G-1, Special Inlet-Manholes.  
2. The flat slab top is included in the cost of INLET-MANHOLES as per District Special Provision.

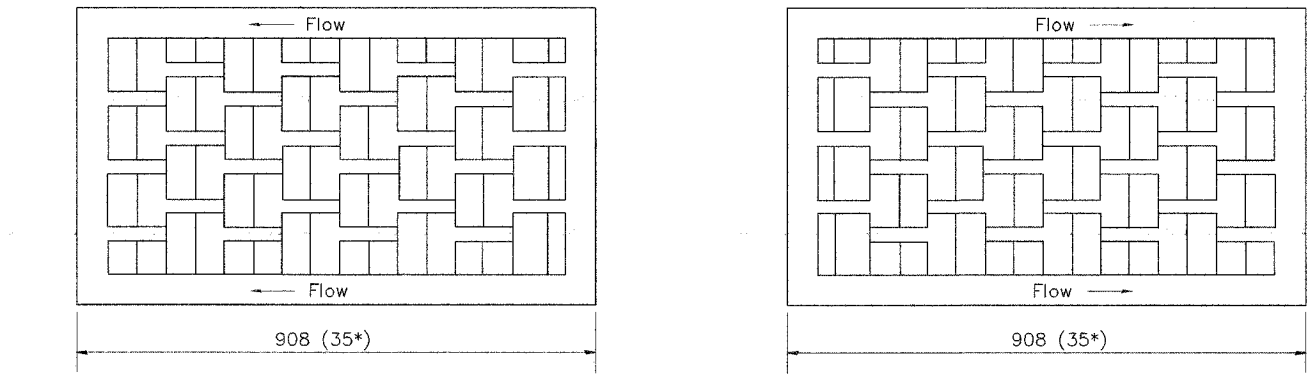
\$\$\$DATE\$\$\$

\*DGN-ONLY\*

89358



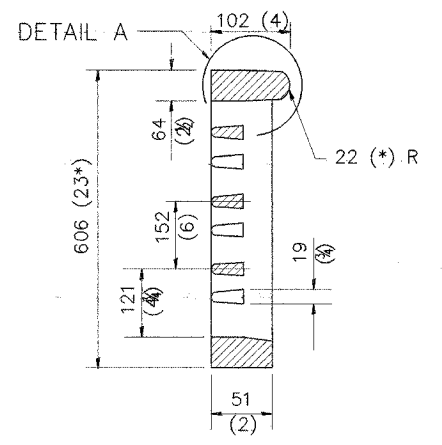
**CAST CURB BOX**  
50 kg (110 lbs.)



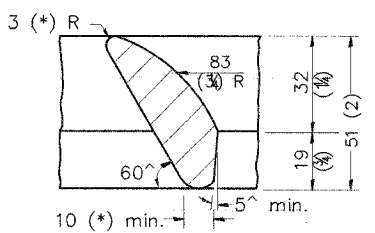
**FLOW LEFT**

**FLOW RIGHT**

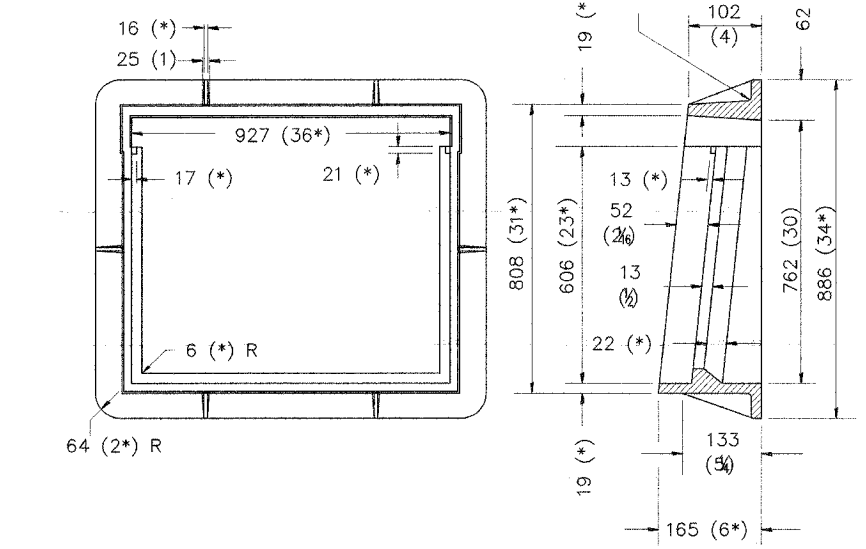
**CAST VANE GRATES**  
(SPECIFY LEFT OR RIGHT FLOW)  
104 KG (230 lbs.)



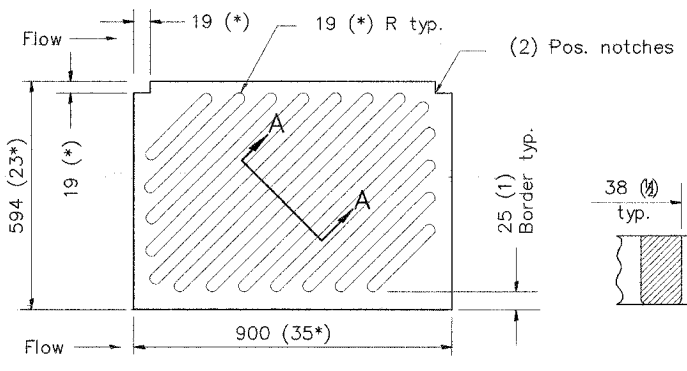
**DETAIL A**



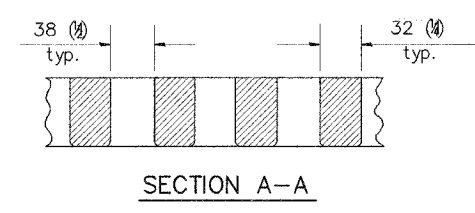
**DETAIL B**



**CAST FRAME**  
123 kg (271 lbs.)



**CAST DIAGONAL GRATE**  
(Reversible for flow)  
98 kg (217 lbs.)



**SECTION A-A**

**GENERAL NOTES**

1. The frame and grate shown on this drawing are for use with all TYPE G-1 and TYPE G-1, SPECIAL DRAINAGE STRUCTURES. See plans for grate type and flow direction.
2. Flow direction: As viewed from street side.
3. Material: cast gray iron.

DATE	REVISIONS	BY
1-1-97	RENUM. B-10.01, NEW REVISION BOX	T.P.

All dimensions are in millimeters (inches) unless otherwise noted.

ILLINOIS DEPARTMENT OF TRANSPORTATION  
DISTRICT CADD STANDARD

**FRAME AND GRATES FOR TYPE G-1 AND TYPE G-1, SPECIAL DRAINAGE STRUCTURES**

CADD STANDARD 604001-D4  
SCALE NOT TO SCALE  
DATE \$\$\$DATE\$\$\$

DRAWN BY CADD  
CHECKED BY

604001-D4

4. This drawing based upon "NEENAH" designs as follows: Inlet Frame: R-3246-A, Curb Box: R-3290, Reversible Diagonal Grate: R-3246-A, Vane Grates: R-3246-AL(flow left), R-3246-AL(flow right)

\$\$\$DATE\$\$\$

\*DGN-ONLY\*