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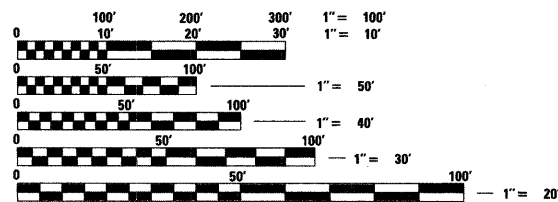
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**STANDARDS**

000001-05	604006-03
280001-04	604091-01
424001-05	606001-03
542301-01	701901
602301-01	780001-01
602401-01	781001-02
602701-01	BLR 21-7
604001-02	

**DESIGN DESIGNATION**

FAU ROUTE 9177-URBAN COLLECTOR  
 DESIGN SPEED = 30 MPH  
 DESIGN TRAFFIC (2024) = 5240 A.D.T.  
 CURRENT A.D.T. = 4030

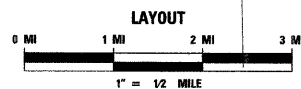
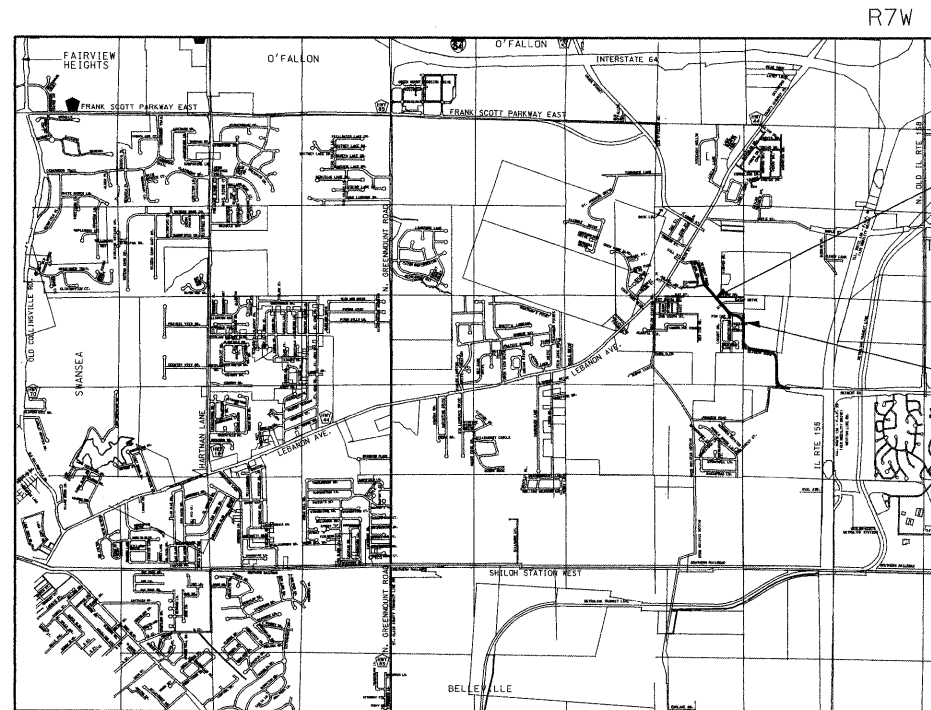


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES, REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES, IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**  
**DIVISION OF HIGHWAYS**  
**PLANS FOR PROPOSED**  
**FEDERAL AID HIGHWAY**

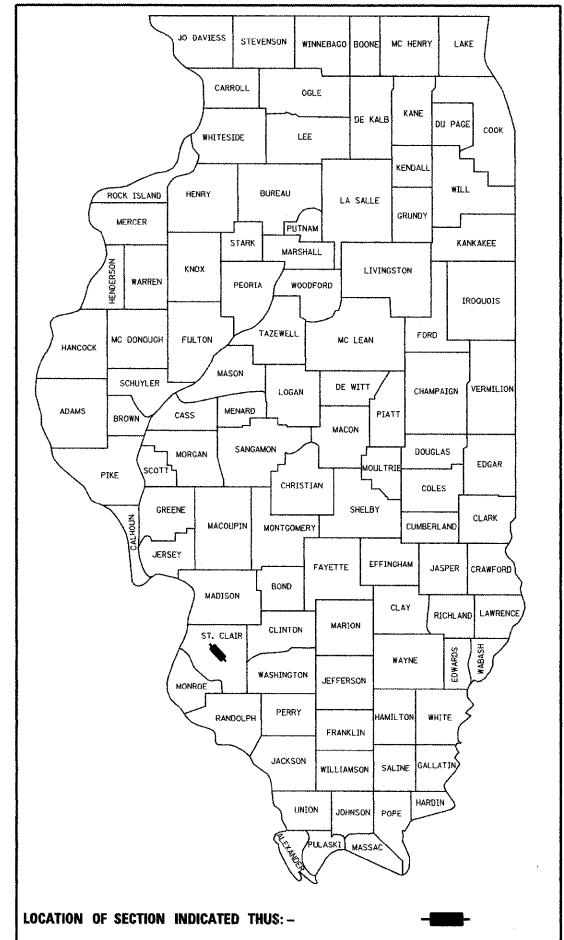
**VILLAGE OF SHILOH**  
**FAU ROUTE 9177**  
**(SEIBERT ROAD RECONSTRUCTION)**  
**PHASE II**  
**SECTION 04-00007-02-PV**  
**PROJECT NO. M-5011 (250)**  
**ST. CLAIR COUNTY**  
**JOB NO. C-98-320-08**



**GROSS LENGTH = 818.74' (0.155 MILES)**  
**NET LENGTH = 818.74' (0.155 MILES)**

FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9177	04-00007-02-PV	ST CLAIR	35	1
FED RD DIST NO 8 ILLINOIS FED. AID PROJECT				

**CONTRACT NO. 97325**



**BEGIN PROJECT**  
**SEIBERT ROAD PHASE II**  
**STA. 17 + 35.00**

**END PROJECT**  
**SEIBERT ROAD PHASE II**  
**STA. 25 + 53.74**



*Sheila Kimlinger* 1/9/08  
 SHEILA KIMLINGER P.E.  
 LICENSE NO. 062-049175 DATE: 1/9/08  
 EXPIRES: 11-30-2009

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	
APPROVED	9/18/08 20 08 <i>James A. Vernier II</i> JAMES A. VERNIER II, MAYOR
PASSED	January 29, 2008 20 08 <i>Richard C. Mauchgas</i> DISTRICT #8 ENGINEER OF LOCAL ROADS & STREETS
RELEASING FOR BID BASED ON LIMITED REVIEW	January 29, 2008 20 08 <i>Marie C. Lurie Gas</i> DEPUTY DIRECTOR OF HIGHWAYS, REGION #5 ENGINEER

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**THOUVENOT,  
 WADE &  
 MOERCHEN, INC.**  
 ENGINEERS • SURVEYORS • PLANNERS  
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 4940 OLD COLLINSVILLE RD.  
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 FAX (618) 624-6688  
 corp@twm-inc.com

GENERAL NOTES

CONTRACT NO. 97325

ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION, AS INDICATED BY THE SUB-NUMBER LISTED IN THE INDEX OF SHEETS, OR THE COPY OF THE STANDARD INCLUDED IN THESE PLANS.

ANY FACILITIES OR APPURTENANCES WHICH ARE THE PROPERTY OF ANY PUBLIC UTILITY LOCATED WITHIN THE LIMITS OF CONSTRUCTION SHALL BE RELOCATED OR ADJUSTED BY THEIR RESPECTIVE OWNERS. THE CONTRACTOR SHALL NOTIFY AND COOPERATE WITH THE OWNERS OF ANY SUCH FACILITY IN THEIR REMOVAL AND REARRANGE HIS OPERATIONS IN ORDER THAT THE UTILITY'S OPERATIONS AND THE CONSTRUCTION OF THIS PROJECT MAY PROGRESS IN A REASONABLE MANNER.

THE TYPE, SIZE, AND LOCATION OF UTILITIES AS DELINEATED IN THESE TOPOGRAPHIC LAND SURVEY DOCUMENTS AND/OR CIVIL ENGINEERING DESIGN DOCUMENTS HAVE BEEN DETERMINED BY REVIEW OF AVAILABLE EXISTING "AS BUILT" OR RECORD DRAWINGS; FIELD SURVEY OF J.U.L.I.E. MARKED UTILITIES; OR FIELD SURVEY OF ABOVE GROUND SURFACE UTILITY FEATURES. THE OWNER AND ENGINEER HAVE NOT UNDERTAKEN SUBSURFACE EXPLORATORY INVESTIGATIONS TO CONFIRM AND VERIFY THE UTILITIES SHOWN ON THESE DOCUMENTS THEREFORE THEIR EXACT LOCATION, SIZE AND FUNCTION MUST BE CONSIDERED APPROXIMATE AND MUST BE FIELD CONFIRMED BY THE CONTRACTOR.

THE ENGINEER AND OWNER FURTHER DO NOT WARRANT THAT ALL UTILITIES HAVE BEEN ILLUSTRATED ON THESE DOCUMENTS. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR CONTACTING J.U.L.I.E. FOR FIELD VERIFICATION OF ALL UTILITIES ON THE SITE PRIOR TO COMMENCEMENT OF CONSTRUCTION. IF THE CONTRACTOR DETERMINES THAT SUBSTANTIAL DISCREPANCY EXISTS BETWEEN FIELD VERIFIED UTILITIES AND THESE PLANS WHICH WOULD SIGNIFICANTLY AFFECT THE FUNCTION, COST, OR PERFORMANCE OF THE PROJECT. THE CONTRACTOR SHALL IMMEDIATELY CONTACT THE ENGINEER FOR CLARIFICATION AND PROJECT DIRECTION.

ALL EXISTING ROADWAY FEATURES SUCH AS CULVERTS, HEADWALLS, RIPRAP, CURB, PAVEMENT, FENCING, ETC. LOCATED WITHIN THE CONSTRUCTION LIMITS ARE TO BE REMOVED UNLESS NOTED OTHERWISE ON THE PLANS.

EVERY TREE SHALL BE SAVED IF POSSIBLE. THE ENGINEER IN THE FIELD WILL VERIFY AND MARK ALL TREES REQUIRED TO BE REMOVED. SHOULD THE ENGINEER'S DECISION INCREASE OR DECREASE THE QUANTITIES OF WORK TO BE PERFORMED FROM THE PLANS, THE CONTRACTOR SHALL ACCEPT PAYMENT AS STATED IN ARTICLE 104.03 OF THE STANDARD SPECIFICATIONS. TREES OUTSIDE THE LIMITS OF CONSTRUCTION SHALL NOT BE DISTURBED UNLESS DESIGNATED BY THE ENGINEER. TREE REPLACEMENT SHALL CONFORM TO THE DISTRICT'S 1:1 POLICY.

AT LOCATIONS WHERE CLEARING IS INDICATED ON THE PLANS BEYOND THE LIMITS OF THE PROPOSED EXCAVATION OR EMBANKMENT, THE CONTRACTOR SHALL RESTORE THE DISTURBED EARTH BY BLADING AND SHAPING TO BLEND WITH THE ADJACENT GROUND. ALL PERMANENT, CLASS 2, AND TEMPORARY, CLASS 7 RE SEEDING OR RESODDING WILL BE AS PROVIDED IN THE PLANS.

THE CONTRACTOR SHALL CONFINE HIS OPERATIONS TO THE AREA LOCATED WITHIN THE CONSTRUCTION LIMIT LINES, AS SHOWN PER PLANS. ANY AREA DISTURBED BEYOND THESE LIMITS SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.

ALL EARTH SURFACES DISTURBED BY CONSTRUCTION OR AS DIRECTED BY THE ENGINEER SHALL BE SEED. THE FOLLOWING QUANTITIES HAVE BEEN INCLUDED IN THE PAY ITEMS AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

- 0.7 ACRES SEEDING CLASS 2
- 0.7 ACRES MULCH METHOD 2
- 63 POUNDS NITROGEN FERTILIZER NUTRIENT
- 63 POUNDS PHOSPHORUS FERTILIZER NUTRIENT
- 63 POUNDS POTASSIUM FERTILIZER NUTRIENT

SEEDING CL 7 WILL BE USED FOR TEMPORARY EROSION CONTROL.  
TEMPORARY EROSION CONTROL SEEDING CLASS 7 SHALL BE 160 POUNDS

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.

HOT MIX ASPHALT - CONTROL TABLE		
MIXTURE USE	SURFACE	BINDER
AC/PG	PG 64-22	PG 64-22
RAP % (MAX)	10%	25%
DESIGN AIR VOIDS	4.0% @ Ndes = 70	4.0% @ Ndes = 70
MIX COMPOSITION (GRADATION MIXTURE)	IL 12.5	IL 19
FRICITION AGG	MIXTURE D	N/A

PLAN QUANTITIES FOR BITUMINOUS CONCRETE SURFACE COURSE ITEMS ARE CALCULATED USING A UNIT WEIGHT OF 112 LB/SQ YD/IN

ALL TRAFFIC CONTROL, INCLUDING BUT NOT LIMITED TO, WORK ZONE, TEMPORARY, AND PERMANENT, SHALL BE FURNISHED, INSTALLED, MAINTAINED, RELOCATED, AND/OR REMOVED ACCORDING TO SECTION 701 OF THE LATEST EDITION OF THE IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL. SIGNS TO BE REMOVED AND RELOCATED HAVE BEEN INCLUDED IN THE CONTRACT.

ALL EXCAVATION ADJACENT TO THE EDGE OF PAVEMENT SHALL BE PROTECTED WITH EXTENDED LEG BARRICADES WITH APPROPRIATE LIGHTING.

TRAFFIC CONTROL SIGNS SHALL BE 48" FLUORESCENT ORANGE.

THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE CITY OF SHILOH AT LEAST FORTY-EIGHT (48) HOURS IN ADVANCE PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES OR WORK REQUIRING INSPECTION OR APPROVAL BY THE AFFECTED UNITS OF GOVERNMENT.

CONTINUOUS PAVING OPERATIONS ON THE MAIN ROADWAY SHALL BE MAINTAINED AT ALL TIMES DURING THE CONSTRUCTION OF THE HOT MIX ASPHALT. NO INTERRUPTIONS FOR SIDE ROADS, ENTRANCES, TURN LANES, ETC. WILL BE ALLOWED.

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 CLOSURE.

THE TOP OF STRUCTURE/STEEL (TOS) ELEVATIONS SHOWN ON THE PLANS REFER TO THE ELEVATION OF THE FRAME AND GRATE FLOWLINE.

IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN POSITIVE DRAINAGE DURING THE VARIOUS STAGES OF CONSTRUCTION. THIS INCLUDES ALL LABOR AND MATERIALS USED BEYOND WHAT IS SPECIFIED IN THE PLANS. ITEMS SUCH AS TEMPORARY DITCHES AND PIPES DEEMED NECESSARY FOR MAINTAINING DRAINAGE ARE CONSIDERED TO BE THE RESPONSIBILITY OF THE CONTRACTOR AND WILL NOT BE PAID FOR SEPARATELY.

THE CONTRACTOR SHALL CONSULT WITH THE ENGINEER IN REGARD TO THE EXACT LENGTH OF THE STORM SEWERS REQUIRED PRIOR TO ORDERING THESE ITEMS.

THE CONTRACTOR IS ADVISED THAT THE PROPOSED STORM SEWER ROADWAY CROSSINGS MAY CONFLICT WITH THE PROPOSED OPERATIONS OF PROCESSING MODIFIED SOIL, 12" DUE TO MINIMAL COVER OVER THE PIPES. THE CONTRACTOR SHALL EXERCISE EXTREME CAUTION IN THESE AREAS SO AS NOT TO CAUSE ANY DAMAGE TO THE PROPOSED STORM SEWERS. THIS MAY NECESSITATE VARYING THE METHODS OF PROCESSING MODIFIED SOIL. NO DIRECT PAYMENT SHALL BE MADE FOR THESE ACCOMMODATIONS.

IT IS INTENDED THAT ANY CULVERTS DAMAGED BY OR REMOVED BY THE CONTRACTOR OTHER THAN THOSE NOTED ON THE PLANS TO BE REMOVED WILL HAVE TO BE REMOVED AND/OR REPLACED AT THE CONTRACTOR'S SOLE EXPENSE.

ALL MATERIALS SUCH AS FRAMES AND GRATES AND STORM SEWER PIPE SCHEDULED FOR REMOVAL, THAT ARE CONSIDERED TO BE SUITABLE FOR FUTURE USE, SHALL BE SALVAGED AND STOCKPILED AS DIRECTED BY THE ENGINEER. ALL OTHER MATERIALS SCHEDULED FOR REMOVAL BUT NOT SALVAGED, SHALL BE DISPOSED OF BY THE CONTRACTOR AT HIS EXPENSE.

ALL STORM SEWER AND CULVERT PIPE TO BE REMOVED WHICH THE ENGINEER DEEMS FIT FOR RE-USE SHALL BE SALVAGED ACCORDING TO ARTICLES 501.02 OF THE IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. ALL OTHER STORM SEWER AND CULVERT PIPE SHALL BE DISPOSED OF ACCORDING TO ARTICLE 202.03.

EXISTING DITCHES/SWALES WILL NEED TO BE REGRADED/SHAPED TO ENSURE ALL FLOWS ENTER THE PROPER DITCH, CROSSROAD CULVERT, POND OR OTHER DRAINAGE APPURTENANCES.

TRENCH DRAIN AND PIPE ADDED SHALL BE CONSIDERED INCIDENTAL TO THE DRIVEWAY ENTRANCE. LENGTH OF PIPE AS DIRECTED BY ENGINEER AT TIME OF CONSTRUCTION TO PROVIDE POSITIVE DRAINAGE. NO DIRECT PAYMENT SHALL BE MADE FOR THESE ACCOMMODATIONS

LIST OF UTILITIES

- TELEPHONE - AT&T COMMUNICATIONS 1-800-660-3000
- WATER - ILLINOIS AMERICAN WATER COMPANY 1-618-277-9887
- ELECTRIC - ILLINOIS POWER COMPANY 1-800-755-5000
- GAS - ILLINOIS POWER COMPANY 1-800-755-5000
- CABLE T.V. - CHARTER COMMUNICATIONS 1-618-277-7820 EXT. 3200
- SANITARY - VILLAGE OF SHILOH SEWER 1-618-277-2288
- J.U.L.I.E. - 1-800-892-0123

NO COMMITMENTS

THOUVENOT, WADE & MOERCHEN, INC.  
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FAX (314) 872-2194  
stlouis@twm-inc.com

PROFESSIONAL REGISTRATIONS	LICENSE NO.
ILLINOIS PROFESSIONAL DESIGN FIRM	184-001220
PROFESSIONAL ENGINEERING CORP.	62-035370
PROFESSIONAL STRUCTURAL ENGR. CORP.	81-002202
ILLINOIS PROF. LAND SURVEYING CORP.	048-000029
MISSOURI PROFESSIONAL ENGR. CORP.	NC 001528
MISSOURI LAND SURVEYING CORP.	NC 000346

SEAL

Signature: \_\_\_\_\_  
Signature Date: \_\_\_\_\_  
Expiration Date: \_\_\_\_\_

STATEMENT OF RESPONSIBILITY

I hereby confirm that the document herein to be authenticated by my seal is restricted to this sheet, and I hereby disclaim any responsibility for all other drawings, specifications, estimates, reports or other documents or instruments relating to or intended to be utilized for any other part of the architectural, engineering or survey project.

GENERAL NOTES

SEIBERT ROAD RECONSTRUCTION - PHASE II VILLAGE OF SHILOH ST. CLAIR COUNTY, ILLINOIS

TITLE \_\_\_\_\_  
PROJECT \_\_\_\_\_

REV.	DATE	DESCRIPTION
△		
△		
△		

DRAWN BY: M.J.J.	SHEET
DESIGNED BY: M.J.J.	2
CHECKED BY: XXX	
APPROVED BY: XXX	
PROJECT NUMBER: 120010479	
OF 35 SHEETS	
<input type="checkbox"/> ISSUED FOR REVIEW	<input type="checkbox"/> ISSUED FOR BIDDING
<input type="checkbox"/> ISSUED FOR CONSTR.	<input type="checkbox"/> RECORD DRAWING

PLOT DATE = 1/24/2008  
FILE NAME = P:\0104798\Phase II Plans\0104798\N.G.2.dgn  
PLOT SCALE = 20.0000 / IN.  
USER NAME = machinse.john

# SUMMARY OF QUANTITIES

CONTRACT NO. 97325

**THOUVENOT,  
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MOERCHEN, INC.**  
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Expiration Date: \_\_\_\_\_

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CODE NO	ITEM	UNIT	1000-2A TOTAL QUANTITIES	CONSTRUCTION TYPE CODE	
				-	-
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	51		
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	48		
20200100	EARTH EXCAVATION	CU YD	2,079		
20800150	TRENCH BACKFILL	CU YD	146		
25000200	SEEDING, CLASS 2	ACRE	0.7		
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	63		
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	63		
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	63		
25100115	MULCH, METHOD 2	ACRE	0.7		
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	160		
28000500	INLET AND PIPE PROTECTION	EACH	10		
28100107	STONE RIPRAP, CLASS A4	SQ YD	20		
28200200	FILTER FABRIC	SQ YD	20		
30200650	PROCESSING MODIFIED SOIL 12"	SQ YD	3,068		
30201500	LIME	TON	59		
35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	64		
35102000	AGGREGATE BASE COURSE, TYPE B 8"	SQ YD	163		
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	1,072		
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	277		
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	35		
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	403		
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	220		
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	4,659		
42400800	DETECTABLE WARNINGS	SQ FT	48		
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	577		
44000400	GUTTER REMOVAL	FOOT	535		
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	159		
44000600	SIDEWALK REMOVAL	SQ FT	2,570		
50105220	PIPE CULVERT REMOVAL	FOOT	221		
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	1		
54223447	REMOVE AND RELAY PIPE CULVERTS 12"	FOOT	20		
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	376		
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	258		
60218500	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 3 FRAME AND GRATE	EACH	1		
60219540	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 24 FRAME AND GRATE	EACH	1		
60235700	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	EACH	2		
60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	EACH	3		
60240328	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	EACH	3		
60500050	REMOVING CATCH BASINS	EACH	1		
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	1,690		
67100100	MOBILIZATION	L SUM	1		
70101830	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21	L SUM	1		
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	352		
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	1,538		
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	146		
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	65		
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	792.0		
* 72000100	SIGN PANEL - TYPE 1	SQ FT	21.5		
* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	45		
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	1,538		

\* SPECIALTY ITEMS

CODE NO	ITEM	UNIT	1000-2A TOTAL QUANTITIES	CONSTRUCTION TYPE CODE	
				-	-
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	146		
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	65		
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	450		
* 78001150	PAINT PAVEMENT MARKING - LINE 12"	FOOT	44		
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	11		
X0321690	BRICK WALL REMOVAL	FOOT	4		
X0322923	SEGMENTAL CONCRETE BLOCK WALL	SQ FT	823		
X4020500	AGGREGATE SURFACE COURSE, TYPE B 6"	SQ YD	316		

\* SPECIALTY ITEMS

LOT DATE = 1/9/2008  
FILE NAME = P:\01002585.dgn  
LOT SCALE = 56.4000 / IN  
SER NAME = machner, john

SUMMARY OF QUANTITIES	SEIBERT ROAD RECONSTRUCTION - PHASE II VILLAGE OF SHILOH ST. CLAIR COUNTY, ILLINOIS	
TITLE	PROJECT	
REV.	DATE	DESCRIPTION
△		
△		
△		
DRAWN BY:	MLS	SHEET
DESIGNED BY:	MJJ	3
CHECKED BY:	XXX	
APPROVED BY:	XXX	
PROJECT NUMBER	T20010479	OF 35 SHEETS
<input type="checkbox"/> ISSUED FOR REVIEW	<input type="checkbox"/> ISSUED FOR BIDDING	
<input type="checkbox"/> ISSUED FOR CONSTR.	<input type="checkbox"/> RECORD DRAWING	

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MISSOURI PROFESSIONAL ENGR. CORP.	NC 001528
MISSOURI LAND SURVEYING CORP.	NC 000346

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EARTHWORK SCHEDULE				
LOCATION (STATION TO STATION)	EARTH EXCAVATION (CU YD)	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE FACTOR (CU YD)	EMBANKMENT (CU YD)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)
SEIBERT ROAD				
17+35 TO 26+00	2,079	1,559	127	1,432
<b>TOTAL:</b>	<b>2,079</b>	<b>1,559</b>	<b>127</b>	<b>1,432</b>

TREE REMOVAL SCHEDULE				
LOCATION (STATION, OFFSET)	TREE REMOVAL (UNITS)			
	6 TO 15 UNITS		OVER 15 UNITS	
SEIBERT ROAD				
17+67	20.50	LT	6.0	
17+72	35.00	RT	8.0	
21+25	30.00	RT	8.0	
21+85	46.00	RT	8.0	
23+10	23.00	LT		48.0
23+72	17.00	LT	6.0	
25+05	32.00	RT	15.0	
<b>TOTAL:</b>			<b>51</b>	<b>48</b>

SEEDING SCHEDULE						
LOCATION (STATION TO STATION)	SEEDING CLASS 2 (ACRE)	NITROGEN FERTILIZER NUTRIENT (POUND)	PHOSPHORUS FERTILIZER NUTRIENT (POUND)	POTASSIUM FERTILIZER NUTRIENT (POUND)	MULCH METHOD, 2 (ACRE)	TEMP. EROSION CONTROL SEEDING (POUND) (2 APPL.)
SEIBERT ROAD						
17+35 TO 26+00	0.7	63.0	63.0	63.0	0.7	160.0
<b>TOTAL:</b>	<b>0.7</b>	<b>63</b>	<b>63</b>	<b>63</b>	<b>0.7</b>	<b>160</b>

DRAINAGE STRUCTURE SCHEDULE					
LOCATION (STATION, OFFSET)	INLETS (EACH)			MH TYPE A (EACH)	
	TYPE - A		TYPE - B	4' DIA	
	T-24 F&G	T-3 F&G	T-24 F&G	T-3 F&G	T-24 F&G
SEIBERT ROAD					
18+25.00	14.00	LT	1		
18+25.00	14.00	RT		1	
19+55.27	24.32	LT			
19+55.27	14.00	RT		1	
20+50.00	14.00	LT	1		
20+50.00	14.00	RT		1	
21+30.00	14.00	LT			
21+30.00	14.00	RT			1
21+82.00	14.00	LT	1		
21+82.00	14.00	RT			1
<b>TOTAL:</b>			<b>3</b>	<b>2</b>	<b>3</b>

TEMPORARY EROSION CONTROL				
LOCATION	INLET & PIPE PROTECTION (EACH)	TEMPORARY DITCH CHECKS (EACH)	PERIMETER EROSION BARRIER (FOOT)	TEMPORARY EROSION CONTROL SEEDING (2 APPL)
SEIBERT ROAD				
	10	0.0	0.0	160.0
<b>TOTAL:</b>	<b>10</b>	<b>0</b>	<b>0</b>	<b>160</b>

STORM SEWER SCHEDULE							
FROM LOCATION (STATION, OFFSET)	TO LOCATION (STATION, OFFSET)	STORM SEWER TYPE	SIZE & LENGTH OF PIPE (FEET)		PRECAST REINF. CONC. FLARED END SEC. (EACH)	TRENCH BACKFILL (CU YD)	
			12"	15"			
SEIBERT ROAD							
18+25.00	14.00	RT	18+25.00	14.00	LT	CLASS A, TYPE 2	28.0
18+25.00	14.00	RT	19+55.27	14.00	RT	CLASS A, TYPE 2	130.0
19+55.27	14.00	RT	19+55.27	24.32	LT	CLASS A, TYPE 2	38.5
19+55.27	14.00	RT	20+50.00	14.00	RT	CLASS A, TYPE 2	95.0
20+50.00	14.00	RT	20+50.00	14.00	LT	CLASS A, TYPE 2	28.0
20+50.00	14.00	RT	21+30.00	14.00	RT	CLASS A, TYPE 2	80.0
21+30.00	14.00	RT	21+30.00	14.00	LT	CLASS A, TYPE 2	28.0
21+30.00	14.00	RT	21+82.00	14.00	RT	CLASS A, TYPE 2	52.0
21+82.00	14.00	RT	21+82.00	14.00	LT	CLASS A, TYPE 2	28.0
21+82.00	14.00	RT	21+81.86	147.95	RT	CLASS A, TYPE 2	126.0
21+81.86	147.95	RT					1.0
<b>TOTAL:</b>							<b>376</b>
							<b>258</b>
							<b>1</b>
							<b>146</b>

**SCHEDULE OF QUANTITIES**  
**SEIBERT ROAD**  
**RECONSTRUCTION - PHASE II**  
**VILLAGE OF SHILOH**  
**ST. CLAIR COUNTY, ILLINOIS**

REV.	DATE	DESCRIPTION
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CHECKED BY: XXX	<b>4</b>
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 USER NAME = mschuse, john



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DRIVEWAY SCHEDULE								
LOCATION (STATION, DIRECTION)	INCIDENTAL HOT-MIX ASPHALT SURFACING (TON)	P.C.C. DRIVEWAY PAVEMENT 8" (SQ YD)	P.C.C. DRIVEWAY PAVEMENT 6" (SQ YD)	PIPE CULVERT REMOVAL (FEET)	DRIVEWAY PAVEMENT REMOVAL (SQ YD)	AGGREGATE SURFACE COURSE TYPE B, 6" (SQ YD)	AGGREGATE BASE COURSE TYPE B, 8" (SQ YD)	AGGREGATE BASE COURSE TYPE B, 6" (SQ YD)
SEIBERT ROAD								
17+59.02 RT	P.E.		15.2	20.0		24.6		
17+81.10 LT	P.E.		17.9			48.0		
17+84.71 RT	P.E.		14.4	17.0		10.7		
18+59.52 RT	P.E.		15.2	20.0		10.7		
19+74.14 LT	S.R.	27.5			80.7		163.4	
20+85.95 RT	P.E.		14.4	17.0		18.8		
21+11.69 RT	P.E.		18.7	20.0		24.0		
21+64.66 LT	P.E.		62.0		57.2			
21+84.00 CL	X-CULV.			50.0				
22+00.29 RT	P.E.		21.8	27.0		23.3		
22+37.84 LT	P.E.		46.7		43.7			
22+74.15 LT	P.E.		105.7		142.9			
23+65.14 RT	S.R.	220.4		50.0	179.6			
24+48.39 LT	P.E.		25.6			66.7		
25+36.60 LT	P.E.	7.2	24.1		72.5			63.9
25+70.65 LT	P.E.		21.7			89.4		
<b>TOTAL:</b>		35	220	403	221	577	163	64

THERMOPLASTIC PAVEMENT MARKING SCHEDULE			
LOCATION (STATION TO STATION)	12" MARKINGS SOLID WHITE (FOOT)	8" MARKINGS SOLID WHITE (FOOT)	4" MARKINGS SOLID YELLOW (FOOT)
SEIBERT ROAD			
17+35 TO 25+03.74			1,538.0
19+52 LT TO 20.00 LT		48.0	
19+54 LT TO 19+91 LT		37.0	
23+42.31	65.0	29.0	
23+48.31		32.0	
<b>TOTAL:</b>	65	146	1,538

PAVING SCHEDULE				
LOCATION (STATION TO STATION)	HOT MIX ASPHALT BINDER COURSE, IL 19.0, N70 (TON)	HOT MIX ASPHALT SURFACE COURSE, MIX "D", N70 (TON)	PROCESSING MODIFIED SOILS, 12" (SQ. YD.)	LIME (TON)
SEIBERT ROAD				
17+35 TO 21+00	457.6	118.1	1,304.3	25.1
21+00 TO 25+43.60	556.2	143.5	1,585.1	30.5
25+43.60 TO 25+93.60	57.9	14.9	178.7	3.4
<b>TOTAL:</b>	1,072	277	3,068	59

PAINT PAVEMENT MARKING SCHEDULE, TEMPORARY PAVEMENT MARKING & SHORT-TERM PAVT. MK.								
LOCATION (STATION TO STATION)	SHORT-TERM PAVEMENT MK (FOOT)	WORK ZONE PAVT. REM. (SQ FT)	TEMPORARY PVT. MK - LINE 4" (FOOT)	TEMPORARY PVT. MK - LINE 8" (FOOT)	TEMPORARY PVT. MK - LINE 12" (FOOT)	4" MARKINGS SOLID YELLOW (FOOT)	4" MARKINGS SOLID WHITE (FOOT)	12" MARKINGS SOLID WHITE (FOOT)
SEIBERT ROAD								
17+35.00 TO 25.93.60	352	117						
17+35.00 TO 25+03.74		513	1538					
19+52.00 LT TO 20+00.00 LT		57		85				
23+42.31 TO 23+48.31		105		61	65			
25+03.74 CL TO 26+03.74 CL						200.0		
25+03.74 RT TO 26+03.74 RT							200.0	44.0
25+53.74 LT TO 26+03.74 LT							50.0	
<b>SUB-TOTAL:</b>	352	792	1538	146	65	200	250	44
<b>TOTAL:</b>	352	792	1538	146	65	450		44

CURB AND GUTTER & SIDEWALK SCHEDULE						
LOCATION (STATION TO STATION)	COMBINATION CURB & GUTTER, TYPE B 6.24	P.C.C. SIDEWALK, 4 INCH (SQ FT)	DETECTABLE WARNINGS (SQ FT)	SIDEWALK REMOVAL (SQ FT)	GUTTER REMOVAL (FOOT)	COMBINATION CURB & GUTTER REMOVAL (FOOT)
SEIBERT ROAD						
17+18.84 RT TO 23+61.23 RT				2,569.6		
17+18.84 RT TO 17+52.52 RT		168.4				
17+21.01 LT TO 17+73.10 LT		260.5				
17+24.85 RT TO 23+28.86 RT	604.0					
17+28.01 LT TO 19+35.55 LT	207.5					
17+35.00 LT TO 22+70.00 LT					535.0	
17+65.52 RT TO 17+78.71 RT		33.0				
17+89.10 LT TO 19+40.00 LT		754.5				
17+90.71 RT TO 18+53.52 RT		314.1				
18+65.52 RT TO 20+79.45 RT		1,069.7				
19+35.55 LT TO 20+13.60 LT	72.0					
19+40.00 LT TO 19+52.00 LT		36.0				
19+45.00 LT TO 20+03.00 LT			24.0			
19+98.00 LT TO 20+10.00 LT		36.0				
20+10.00 LT TO 21+55.16 LT		225.8				
20+13.60 LT TO 25+43.60 LT	530.0					
20+92.45 RT TO 21+02.69 RT		25.6				
21+20.69 RT TO 23+38.00 RT		1,086.6				
21+74.16 LT TO 22+27.34 LT		265.9				
22+86.15 LT TO 23+37.00 LT		254.3				
23+28.86 RT TO 24+31.20 RT	130.0		24.0			
23+37.00 LT TO 23+47.64 LT		84.0				
23+38.00 RT TO 23+49.11 RT		45.0				
24+20.00 LT TO 25+78.95 LT						159.0
24+31.20 RT TO 25+43.60 RT	112.4					
25+43.60 LT TO 25+77.47 LT	33.9					
<b>TOTAL:</b>	1,690	4,659	48	2,570	535	159

RAISED REFLECTIVE PAVEMENT MARKER SCHEDULE	
LOCATION (STATION TO STATION)	RAISED REFLECTIVE PAVEMENT MARKERS TWO-WAY AMBER (EACH)
SEIBERT ROAD	
17+35 CL TO 25+03.74 CL	11
<b>TOTAL:</b>	11

**SCHEDULE OF QUANTITIES**

**SEIBERT ROAD RECONSTRUCTION - PHASE II VILLAGE OF SHILOH ST. CLAIR COUNTY, ILLINOIS**

REV.	DATE	DESCRIPTION
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DRAWN BY: M.JJ	SHEET
DESIGNED BY: M.JJ	
CHECKED BY: XXX	<b>5</b>
APPROVED BY: XXX	
PROJECT NUMBER: D20010479	OF 35 SHEETS
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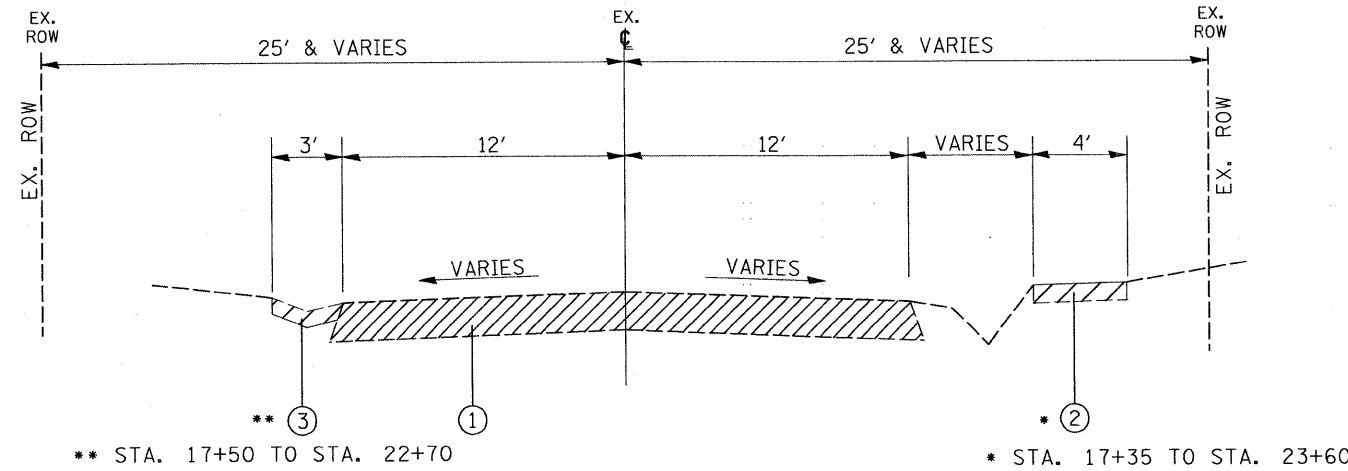
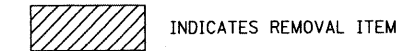
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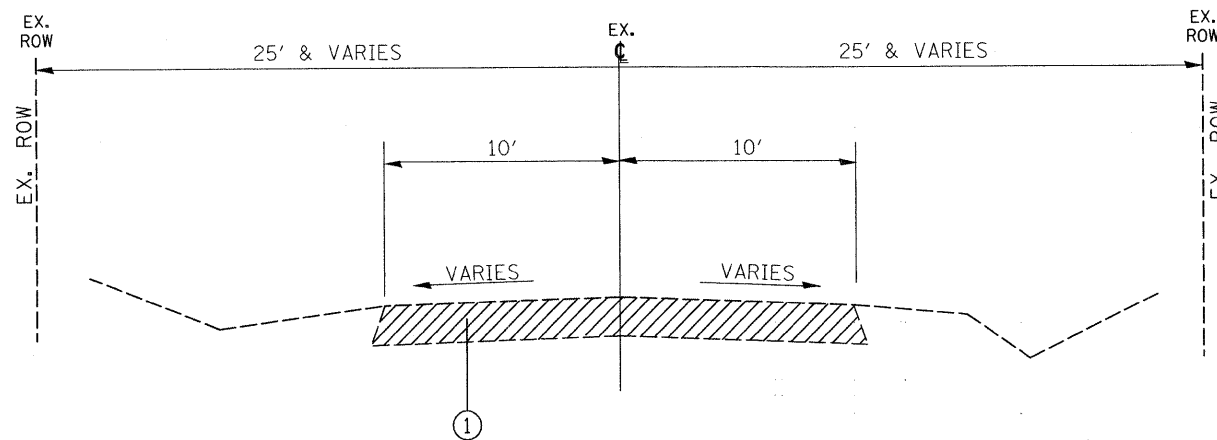
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**LEGEND**

- ① EXISTING OIL & CHIP ROADWAY - VARIES - TO BE REMOVED (NOT PAID FOR SEPARATELY, BUT INCLUDED IN THE COST OF EARTHWORK)
- ② EXISTING CONCRETE SIDEWALK
- ③ EXISTING CONCRETE GUTTER
- ④ PROPOSED HOT MIX ASPHALT SURFACE COURSE, MIX "D", N70 - 2"
- ⑤ PROPOSED HOT MIX ASPHALT BINDER COURSE, IL-19.0, N70 - 7.75"
- ⑥ PROPOSED PROCESSING MODIFIED SOIL - 12"
- ⑦ PROPOSED COMBINATION CURB & GUTTER, TYPE B-6.24
- ⑧ PROPOSED 5' PORTLAND CEMENT CONCRETE SIDEWALK
- ⑨ PROPOSED RETENTION WALL
- ⑩ FUTURE 5' PORTLAND CEMENT CONCRETE SIDEWALK



**EXISTING TYPICAL SECTION SEIBERT ROAD**  
STA. 17+35 TO STA. 24+20



**EXISTING TYPICAL SECTION SEIBERT ROAD**  
STA. 24+20 TO STA. 25+53.74

PLOT DATE = 1/11/2008  
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PLOT SCALE = 20.00000 / 1" = 100'-0"  
USER NAME = mschwieger-john

**TYPICAL SECTIONS EXISTING**

**PROJECT:**  
SEIBERT ROAD  
RECONSTRUCTION - PHASE II  
VILLAGE OF SILOH  
ST. CLAIR COUNTY, ILLINOIS

REV.	DATE	DESCRIPTION
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DESIGNED BY:	MJJ	
CHECKED BY:	XXX	
APPROVED BY:	XXX	
PROJECT NUMBER	T20010479	
OF 35 SHEETS		
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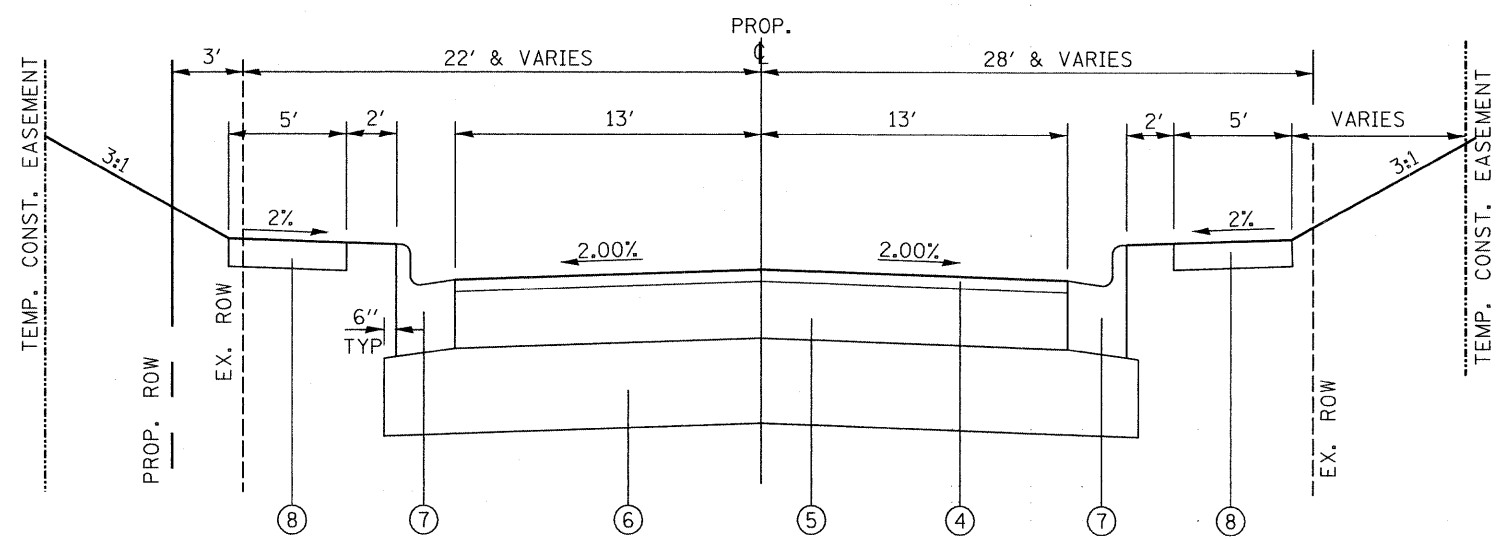
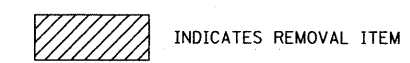
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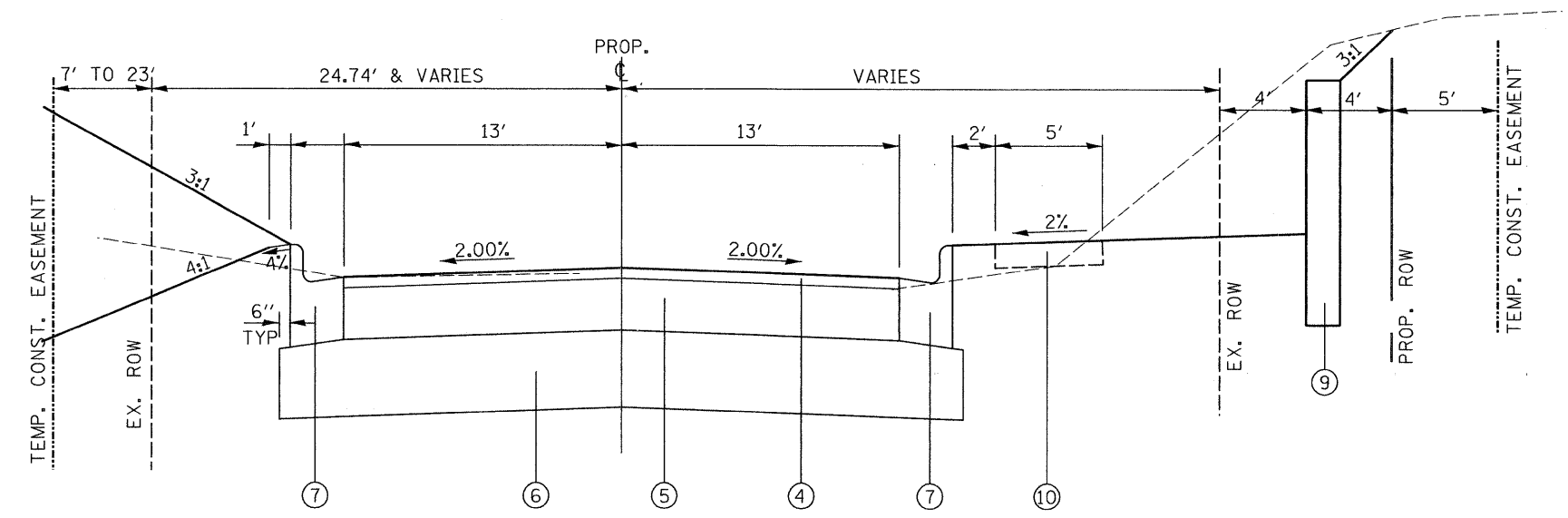
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**PROPOSED TYPICAL SECTION SEIBERT ROAD**  
STA. 17+35 TO STA. 24+21.16



**PROPOSED TYPICAL SECTION SEIBERT ROAD**  
STA. 24+21.16 TO STA. 25+53.74

**TYPICAL SECTIONS PROPOSED**

**SEIBERT ROAD RECONSTRUCTION - PHASE II VILLAGE OF SHILOH ST. CLAIR COUNTY, ILLINOIS**

REV.	DATE	DESCRIPTION
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APPROVED BY: XXX	
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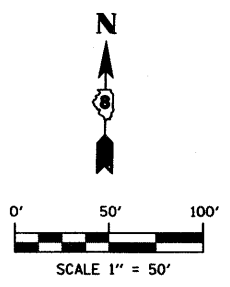
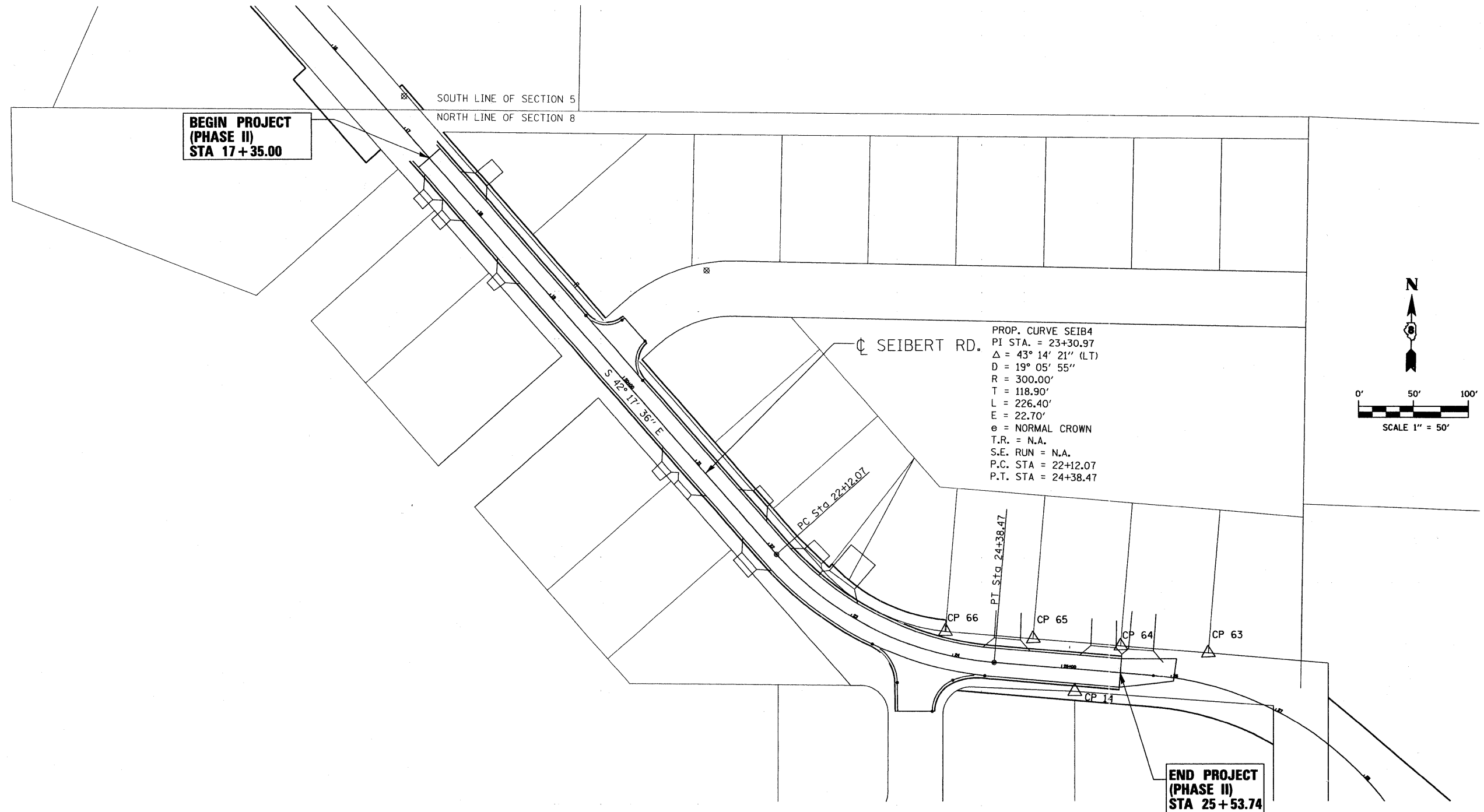
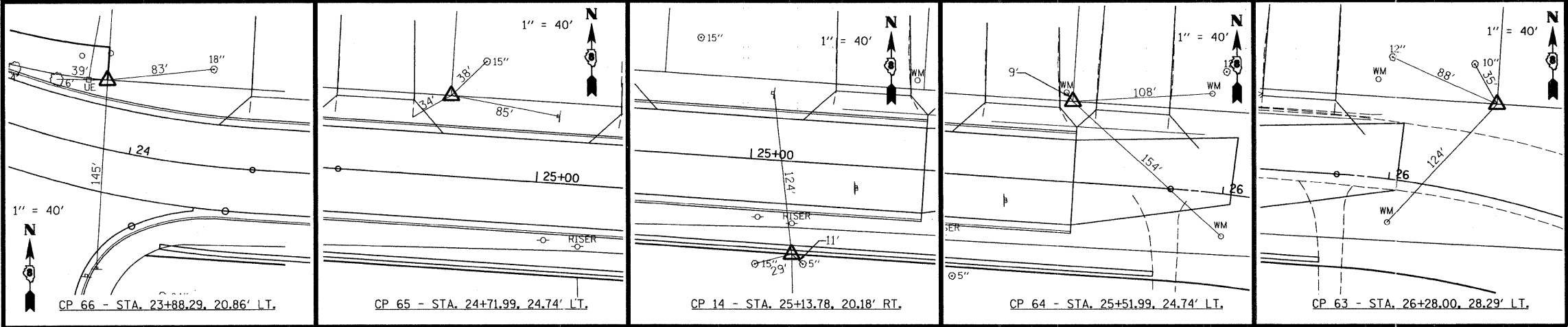
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**TITLE**  
PROPOSED ALIGNMENT  
TIES AND BENCHMARKS

**PROJECT:**  
SEIBERT ROAD  
RECONSTRUCTION - PHASE II  
VILLAGE OF SHILOH  
ST. CLAIR COUNTY, ILLINOIS

REV.	DATE	DESCRIPTION
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DESIGNED BY: MJJ	<b>8</b>
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 USER NAME = mchurton.john



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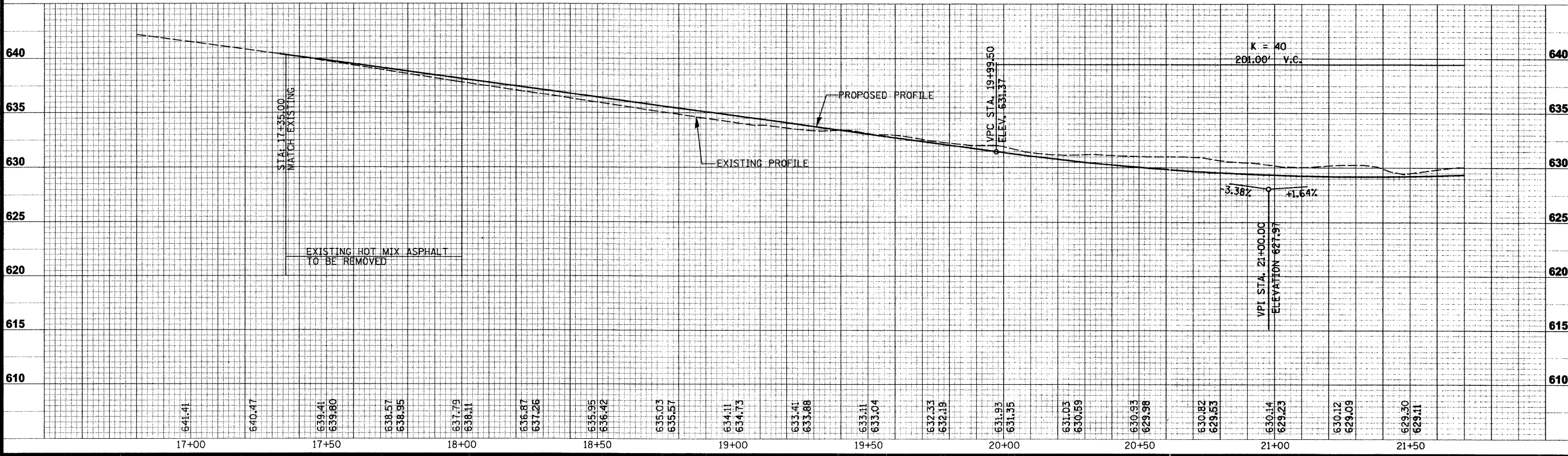
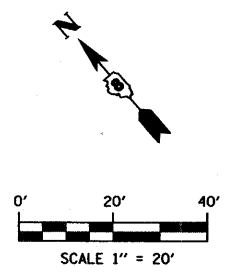
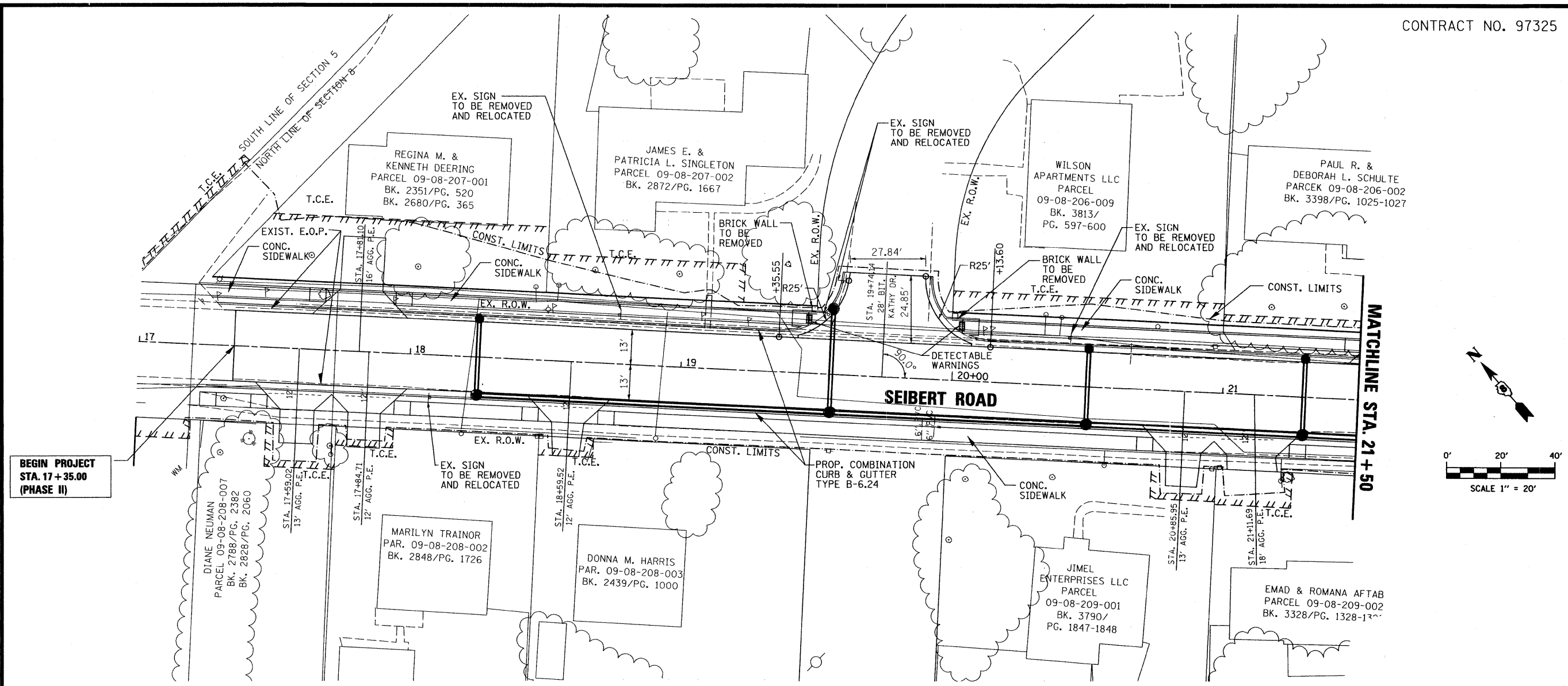
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**ROADWAY PLAN AND PROFILE**  
STA. 17+35 TO 21+50

**SEIBERT ROAD**  
RECONSTRUCTION - PHASE II  
VILLAGE OF SHILOH  
ST. CLAIR COUNTY, ILLINOIS

REV.	DATE	DESCRIPTION
1		
2		
3		

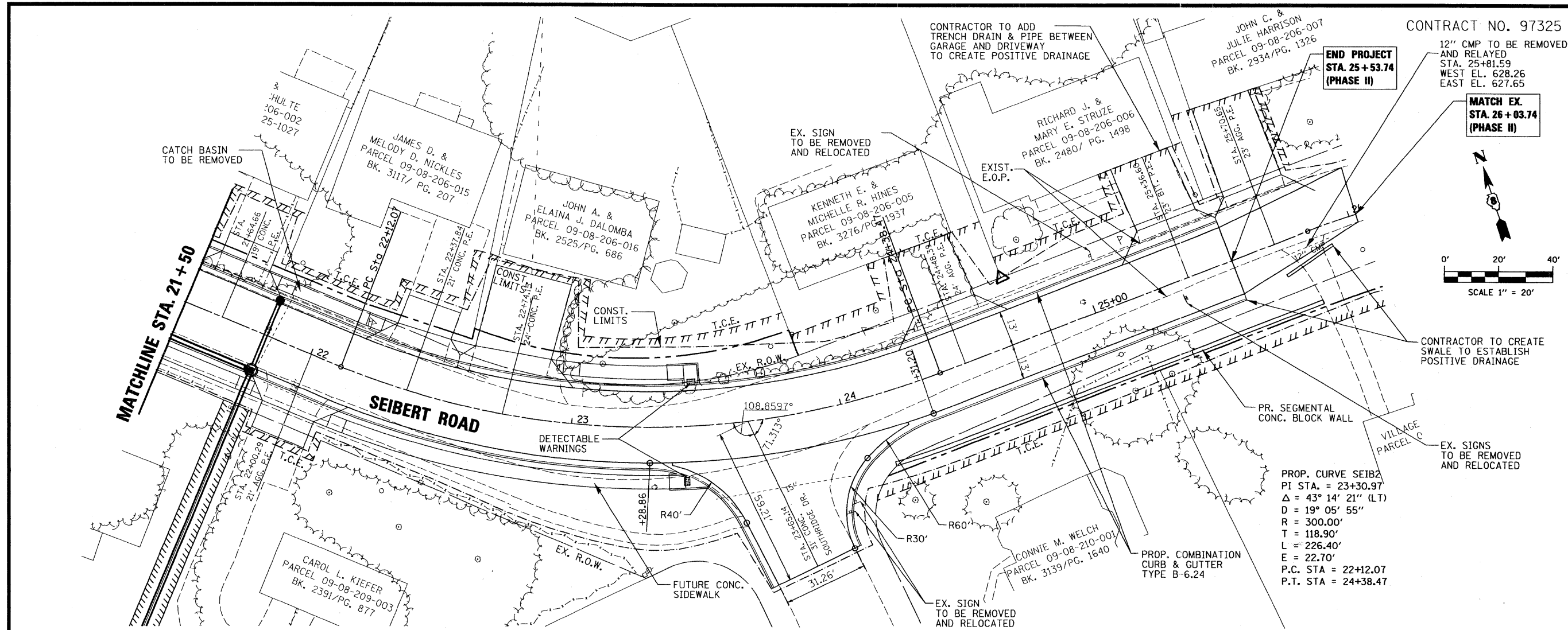
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DESIGNED BY: M.J.J.	
CHECKED BY: XXX	
APPROVED BY: XXX	

PROJECT NUMBER: T20010479 OF 35 SHEETS

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PLOT DATE = 1/17/2008  
PLOT SCALE = 20.0000  
USER NAME = mchuear\_john





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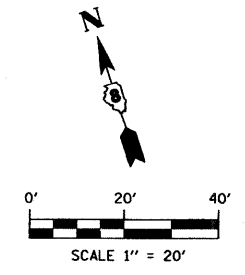
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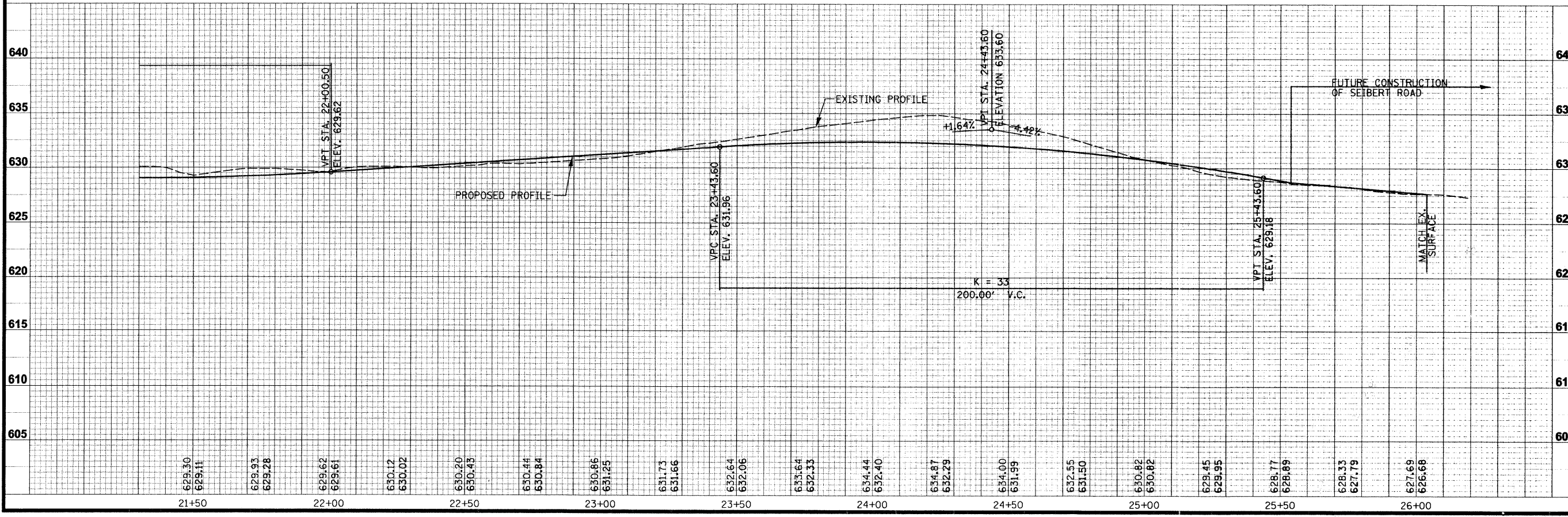
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PROP. CURVE SEIBERT  
PI STA. = 23+30.97  
Δ = 43° 14' 21" (LT)  
D = 19° 05' 55"  
R = 300.00'  
T = 118.90'  
L = 226.40'  
E = 22.70'  
P.C. STA = 22+12.07  
P.T. STA = 24+38.47



TITLE: ROADWAY PLAN AND PROFILE  
STA. 21+50 TO 26+03.74

PROJECT: SEIBERT ROAD  
RECONSTRUCTION - PHASE II  
VILLAGE OF SHILOH  
ST. CLAIR COUNTY, ILLINOIS

REV.	DATE	DESCRIPTION

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DESIGNED BY: M.W.J.  
CHECKED BY: XXX  
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PROJECT NUMBER: 120010479 OF 35 SHEETS  
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ISSUED FOR REVIEW     ISSUED FOR BIDDING  
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PLOT SCALE = 28.0000 / 1 IN.  
USER NAME = moerchen-john





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L = 226.40'  
E = 22.70'  
P.C. STA = 22+12.07  
P.T. STA = 24+38.47

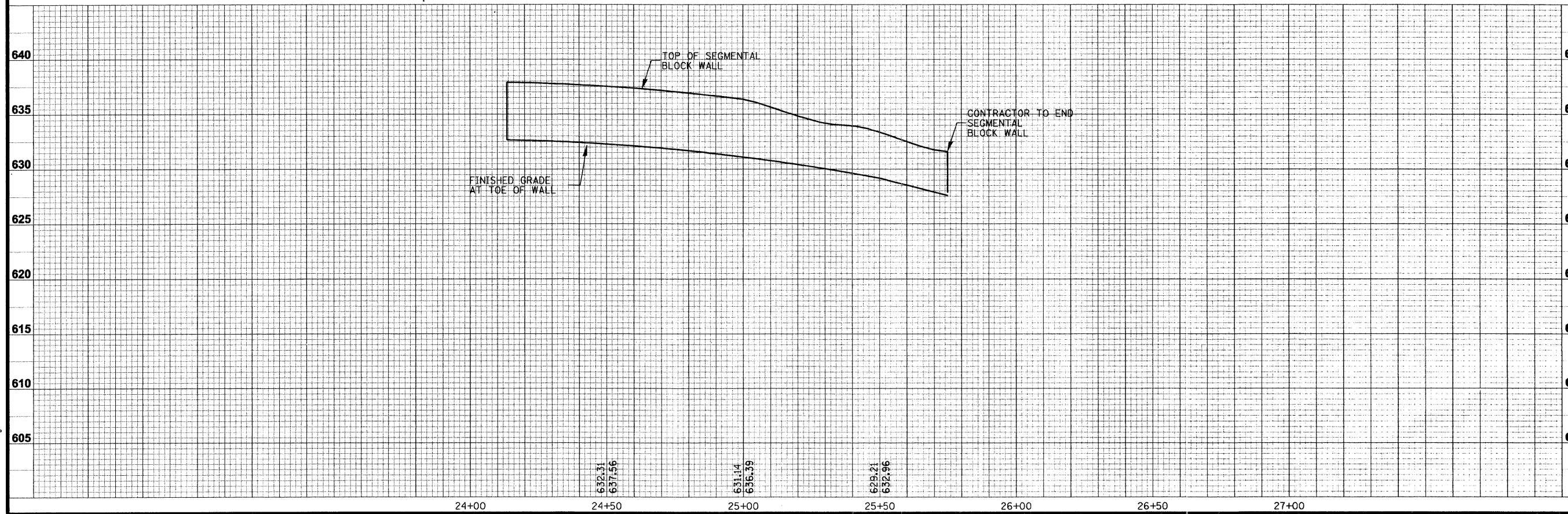
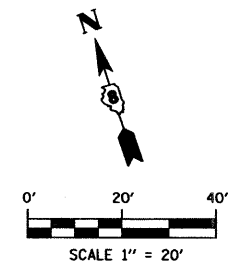
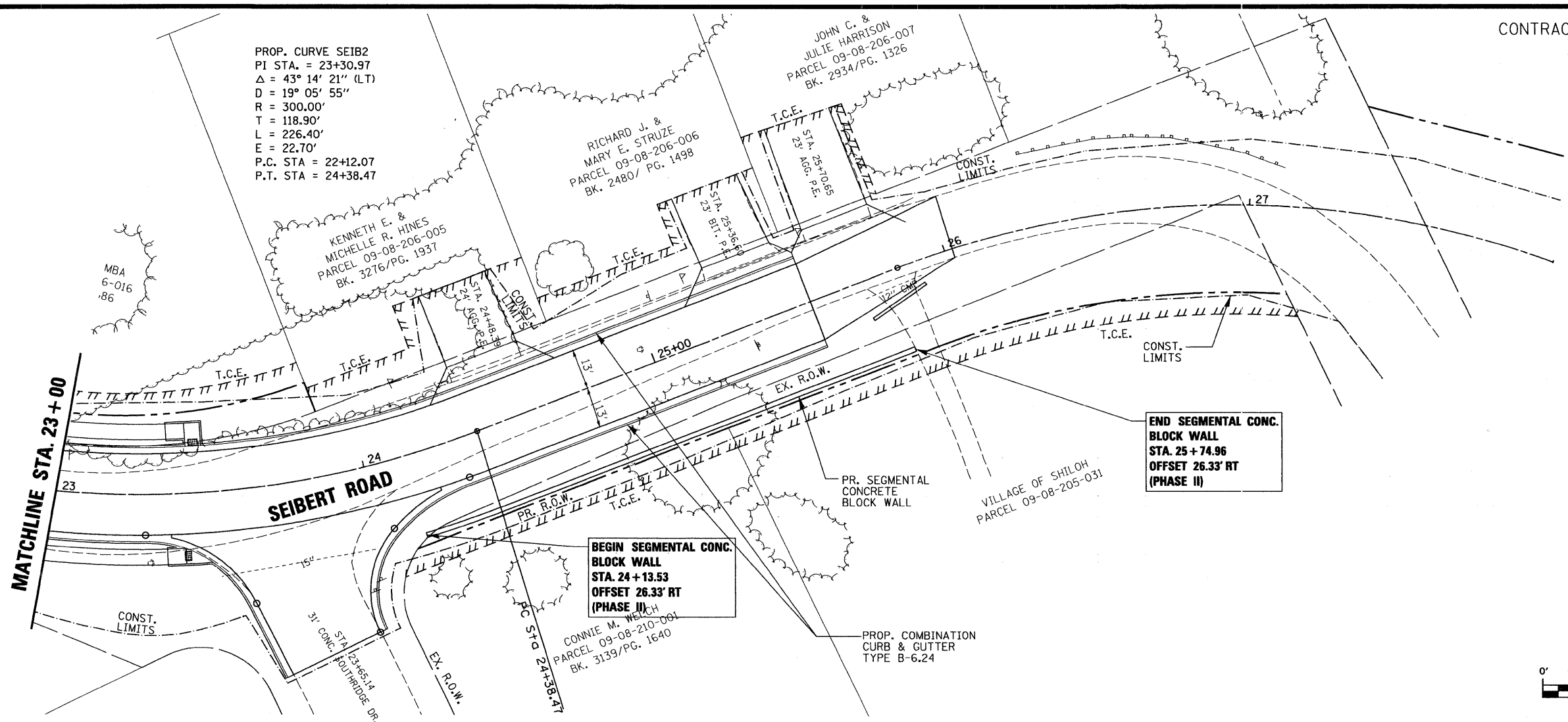
RICHARD J. &  
MARY E. STRUZE  
PARCEL 09-08-206-006  
BK. 2480/ PG. 1498

JOHN C. &  
JULIE HARRISON  
PARCEL 09-08-206-007  
BK. 2934/ PG. 1326

KENNETH E. &  
MICHELLE R. HINES  
PARCEL 09-08-206-005  
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CONNIE M. HEACH  
PARCEL 09-08-210-001  
BK. 3139/ PG. 1640

VILLAGE OF SHILOH  
PARCEL 09-08-205-031



**SEGMENTAL CONCRETE  
BLOCK WALL  
PLAN AND PROFILE**

**PROJECT:**  
SEIBERT ROAD  
RECONSTRUCTION - PHASE II  
VILLAGE OF SHILOH  
ST. CLAIR COUNTY, ILLINOIS

REV.	DATE	DESCRIPTION
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OF 35 SHEETS	
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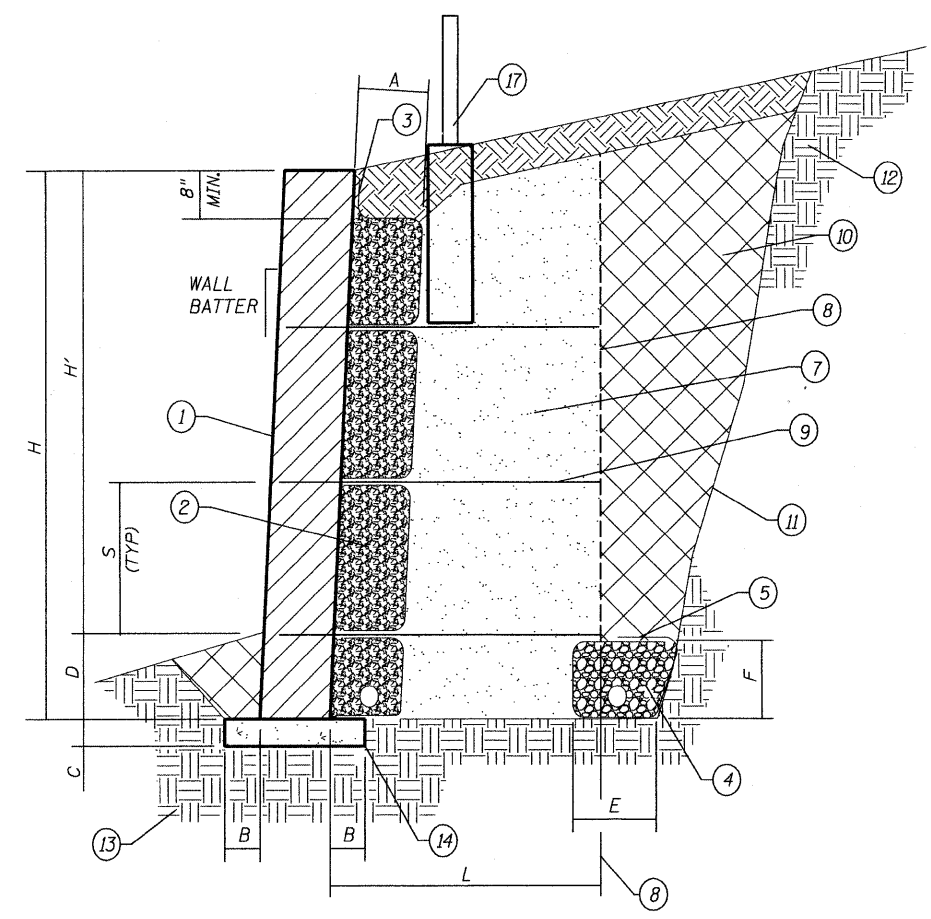
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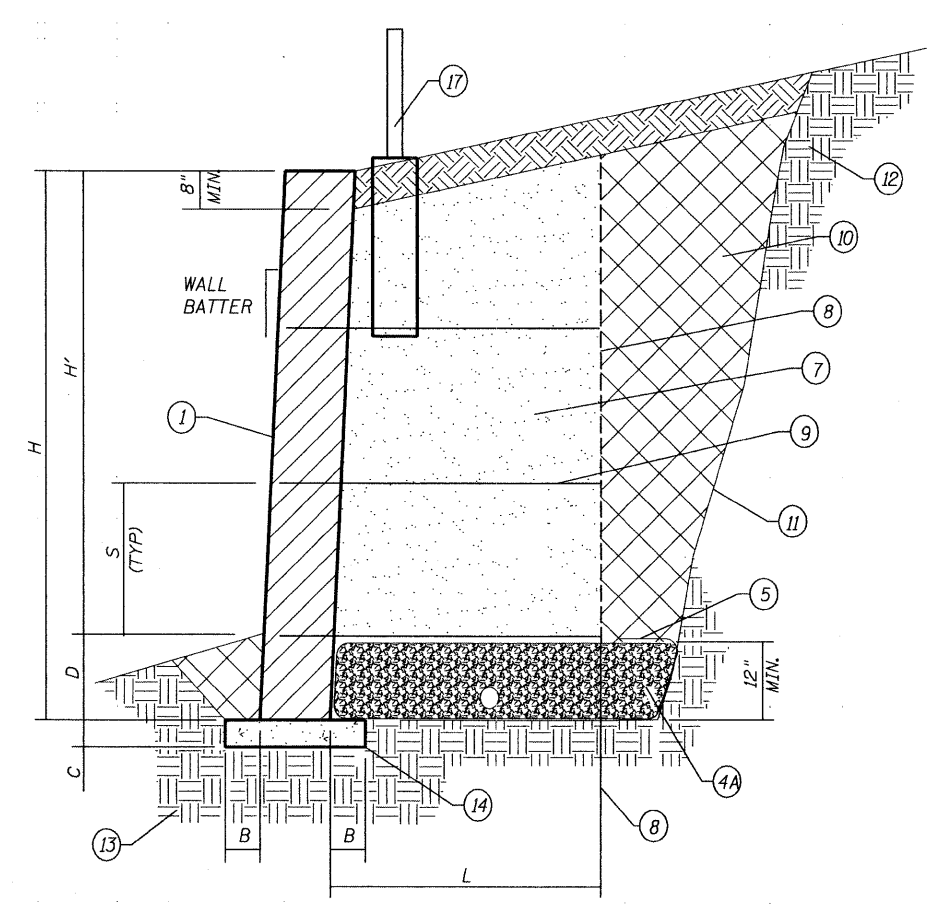
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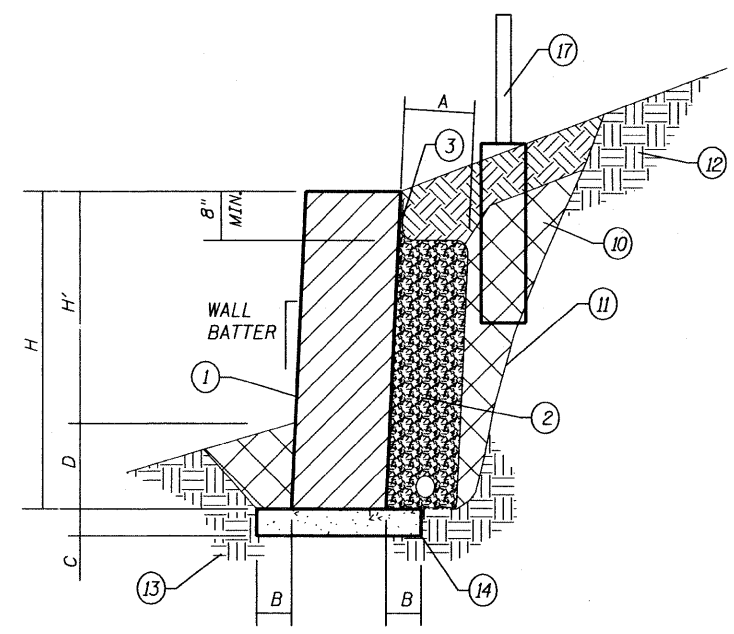
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**MSE SRW DRAINAGE ALTERNATIVE 1**



**MSE SRW DRAINAGE ALTERNATIVE 2**



**GENERIC SRW GRAVITY WALL SECTION**

**GENERIC MSE SRW SECTIONS**

**GENERIC WALL SECTION NOTES**

- ① CONCRETE SRW UNITS.
- ② SRW UNIT DRAINAGE SYSTEM SHALL CONSIST OF DRAINAGE FILL ENTIRELY WRAPPED IN FILTER FABRIC AND A 4" PERFORATED PIPE AS SHOWN.
- ③ LAP FILTER FABRIC FIRMLY AGAINST SRW UNITS AND 6" ABOVE THE DRAINAGE FILL.
- ④ MINIMUM RETAINED FILL DRAINAGE SHALL BE A 4" PERFORATED PIPE WITHIN 18"x18" DRAINAGE FILL CONTINUOUS THE ENTIRE LENGTH OF THE WALL AND ENTIRELY WRAPPED WITH FILTER FABRIC.
- ④A ALTERNATIVE 2 DRAINAGE SYSTEM SHALL CONSIST OF DRAINAGE FILL WRAPPED ENTIRELY IN FILTER FABRIC AND A 4" PERFORATED PIPE AND SHALL EXTEND FROM THE BACK OF THE SRW UNITS TO THE EXCAVATION LIMIT.
- ⑤ LAP THE FILTER FABRIC 8" MINIMUM OVER THE TOP AND AT ENDS OF ADJACENT SHEETS.
- ⑥ THE DRAINAGE DETAILS ARE MINIMUM REQUIREMENTS. THE RETAINING WALL ENGINEER SHALL APPROVE THE USE OF THESE MINIMUMS, OR SHALL SPECIFY DRAINAGE OF GREATER EXTENT AND CAPACITY, OR SPECIFY ITEMS IN ADDITION TO THE MINIMUMS SUCH AS DRAINAGE GEO. COMPOSITES BEHIND THE REINFORCED BACKFILL. MSE WALL DRAINAGE ALTERNATIVES MAY BE OMITTED FROM MSE WALLS WHEN THE REINFORCED BACKFILL IS DRAINAGE FILL, IS ENTIRELY WRAPPED IN FILTER FABRIC, AND CONTAINS A 4" PERFORATED DRAIN PIPE.
- ⑦ REINFORCED BACKFILL
- ⑧ LIMIT OF REINFORCED BACKFILL. ENTIRELY WRAP THE REINFORCED BACKFILL WITH FILTER FABRIC WHEN THE REINFORCED BACKFILL IS A GAP GRADED COURSE AGGREGATE AND HAS LESS THAN 30% PASSING THE NO. 4 SIEVE.
- ⑨ BACKFILL REINFORCEMENT. THE BACKFILL REINFORCEMENT SHALL BE CONTINUOUS WITHOUT GAP ALONG THE LENGTH OF WALL THAT REQUIRES BACKFILL REINFORCEMENT. THE BACKFILL REINFORCEMENT SHALL BE ONE PIECE FULL LENGTH (NO SPLICES) FROM THE POINT OF CONNECTION TO THE SRW UNITS TO THE LIMIT OF THE REINFORCED FILL BEHIND THE WALL.
- ⑩ COMPACTED EMBANKMENT, WHERE SPECIFIED BY THE RETAINING WALL ENGINEER.
- ⑪ EXCAVATION LIMITS.
- ⑫ EXISTING EMBANKMENT.
- ⑬ FOUNDATION SOIL.
- ⑭ LEVELING PAD.
- ⑮ ALL VOIDS IN OR BETWEEN SRW UNITS SHALL BE FILLED WITH DRAINAGE BACKFILL MATERIAL.
- ⑯ DRAIN PIPES SHALL BE SLOPED 1/8" PER FOOT MINIMUM AND SHALL BE DISCHARGED EVERY 100 FEET MAXIMUM AT LOW POINTS ALONG THE TOE OF THE WALL.
- ⑰ FENCE POST DETAILS TO BE DETERMINED BY THE RETAINING WALL ENGINEER.

GENERIC WALL SECTION DIMENSIONS	
A	12" MINIMUM, GREATER IF REQUIRED BY THE RETAINING WALL ENGINEER
B	6" MINIMUM, GREATER IF REQUIRED BY THE RETAINING WALL ENGINEER
C	6" MINIMUM, GREATER IF REQUIRED BY THE RETAINING WALL ENGINEER
D	WHICHEVER IS GREATER: 24" OR THAT SPECIED BY THE RETAINING WALL ENGINEER
E	18" MINIMUM, GREATER IF REQUIRED BY THE RETAINING WALL ENGINEER
F	18" MINIMUM, GREATER IF REQUIRED BY THE RETAINING WALL ENGINEER
L	.6 H MINIMUM, GREATER IF REQUIRED BY THE RETAINING WALL ENGINEER
S	24" MAXIMUM
WALL BATTER	AS REQUIRED BY THE RETAINING WALL ENGINEER

SOIL DESIGN PARAMETERS			
SOIL	ANGLE OF INTERNAL FRICTION	UNIT WEIGHT (pcf)	BEARING CAPACITY (tsf)
REINFORCED BACKFILL	34°	120	N/A
RETAINED FILL	28°	120	N/A
FOUNDATION SOIL		N/A	

NOTE: COHESION SHALL BE ASSUMED TO BE 0 FOR RETAINED FILL AND FOUNDATION SOIL.

**SEGMENTAL CONCRETE BLOCK WALL DETAILS**

**SEIBERT ROAD RECONSTRUCTION - PHASE II VILLAGE OF SHILOH ST. CLAIR COUNTY, ILLINOIS**

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DESIGNED BY: KPC	<b>12</b>
CHECKED BY: KPC	
APPROVED BY: KPC	
PROJECT NUMBER: 120010479	
OF 35 SHEETS	
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 USER NAME = machauer, john

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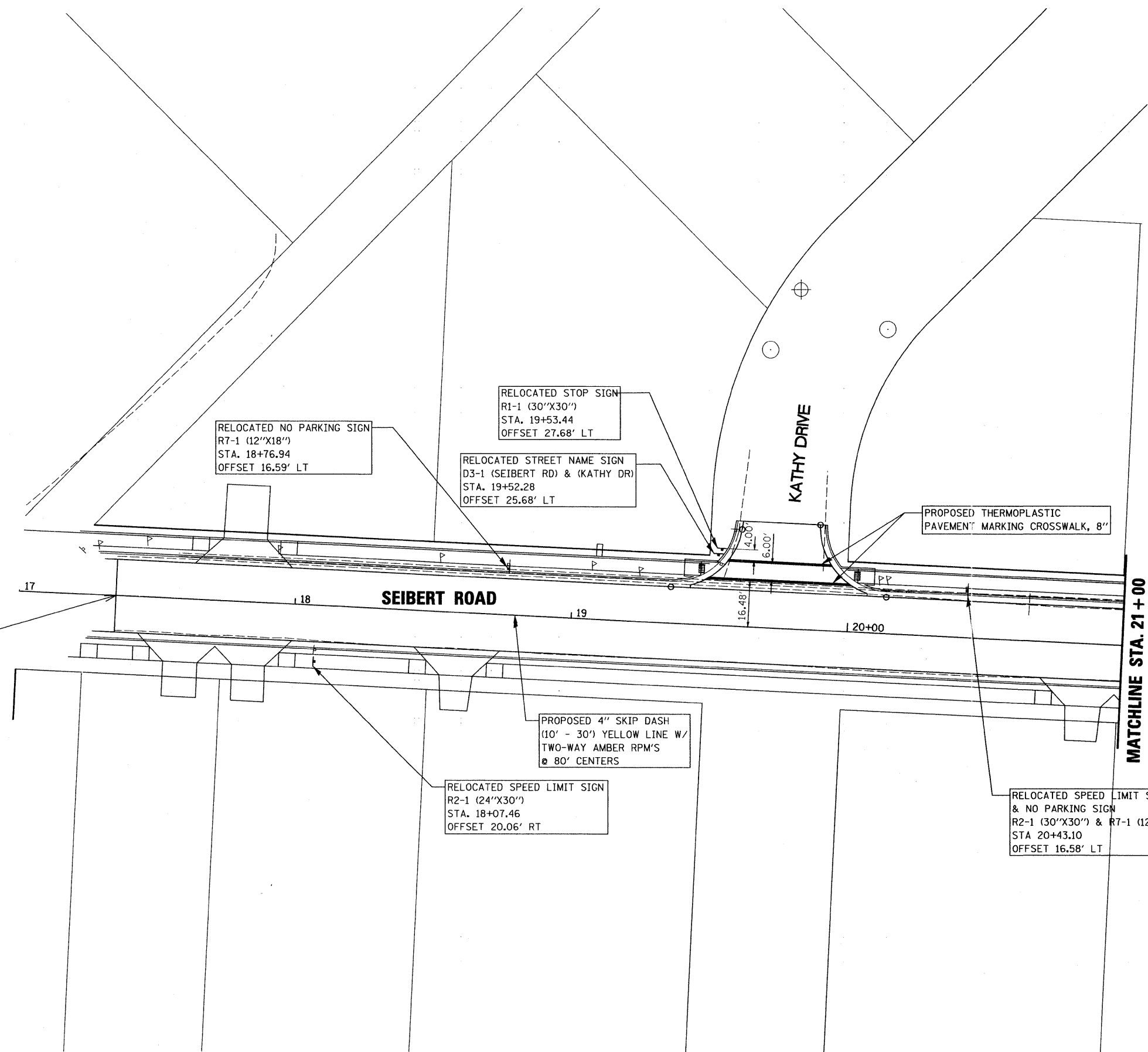
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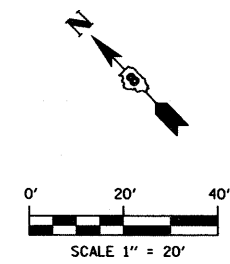
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BEGIN PROJECT  
STA. 17+35.00  
(PHASE II)



MATCHLINE STA. 21+00



**TITLE:** PAVEMENT MARKING + SIGNAGE PLAN  
STA 17+35 TO STA 21+00

**PROJECT:** SEIBERT ROAD  
RECONSTRUCTION - PHASE II  
VILLAGE OF SHILOH  
ST. CLAIR COUNTY, ILLINOIS

REV.	DATE	DESCRIPTION
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DRAWN BY: _____	MLS	SHEET
DESIGNED BY: _____	MJJ	<b>13</b>
CHECKED BY: _____	XXX	
APPROVED BY: _____	XXX	
PROJECT NUMBER: T20010479	OF 35 SHEETS	
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 PLOT SCALE = 20.000000 / 1" = 20'  
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**TITLE**  
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STA 21+00 TO STA 26+03.74

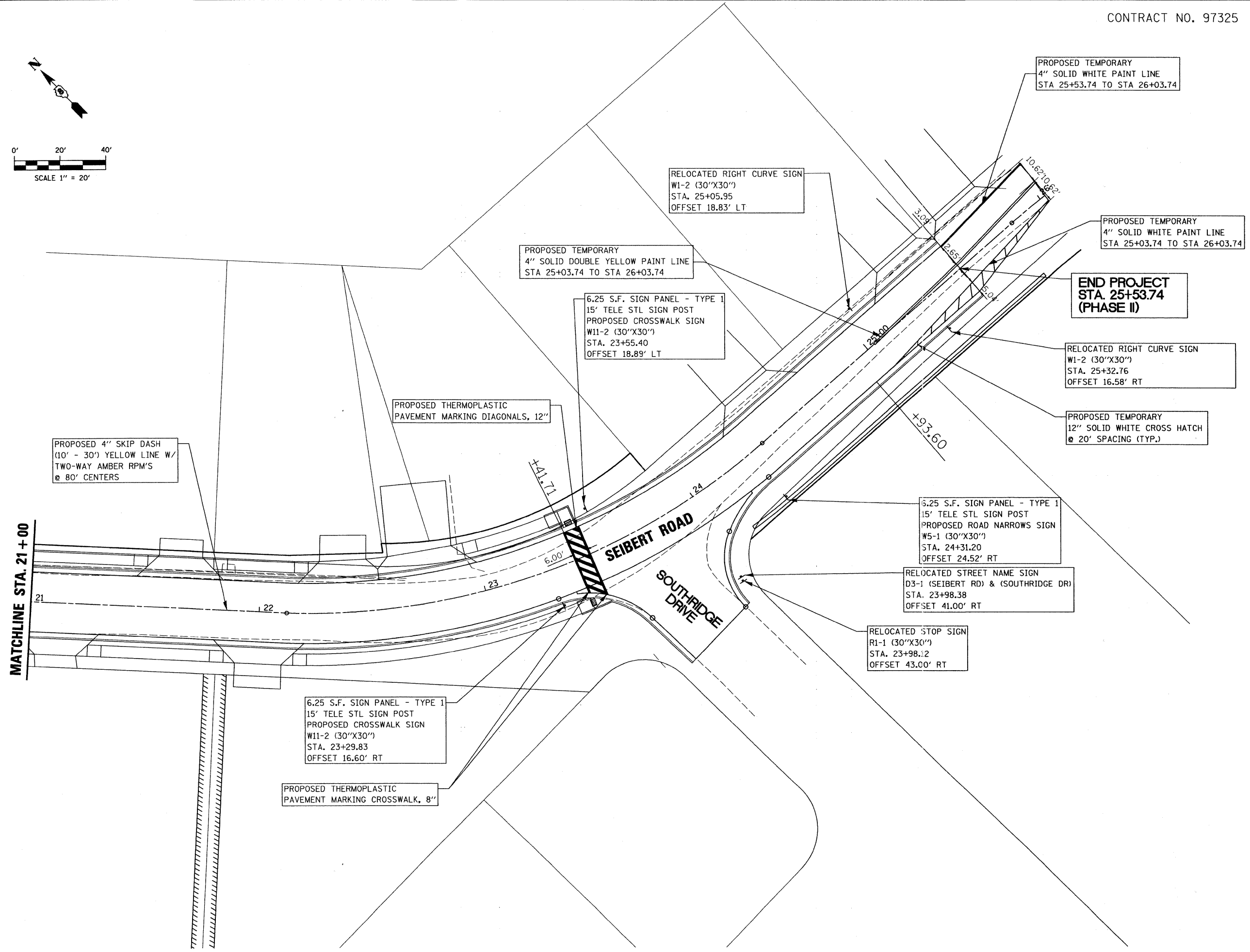
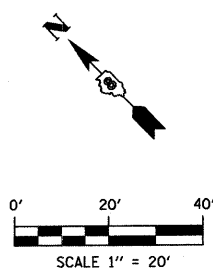
**PROJECT**  
SEIBERT ROAD  
RECONSTRUCTION - PHASE II  
VILLAGE OF SHILOH  
ST. CLAIR COUNTY, ILLINOIS

REV.	DATE	DESCRIPTION

**DRAWN BY:** M.L.S. **SHEET**  
**DESIGNED BY:** M.J.J.  
**CHECKED BY:** XXX  
**APPROVED BY:** XXX

**PROJECT NUMBER:** T20010479 **OF 35 SHEETS**

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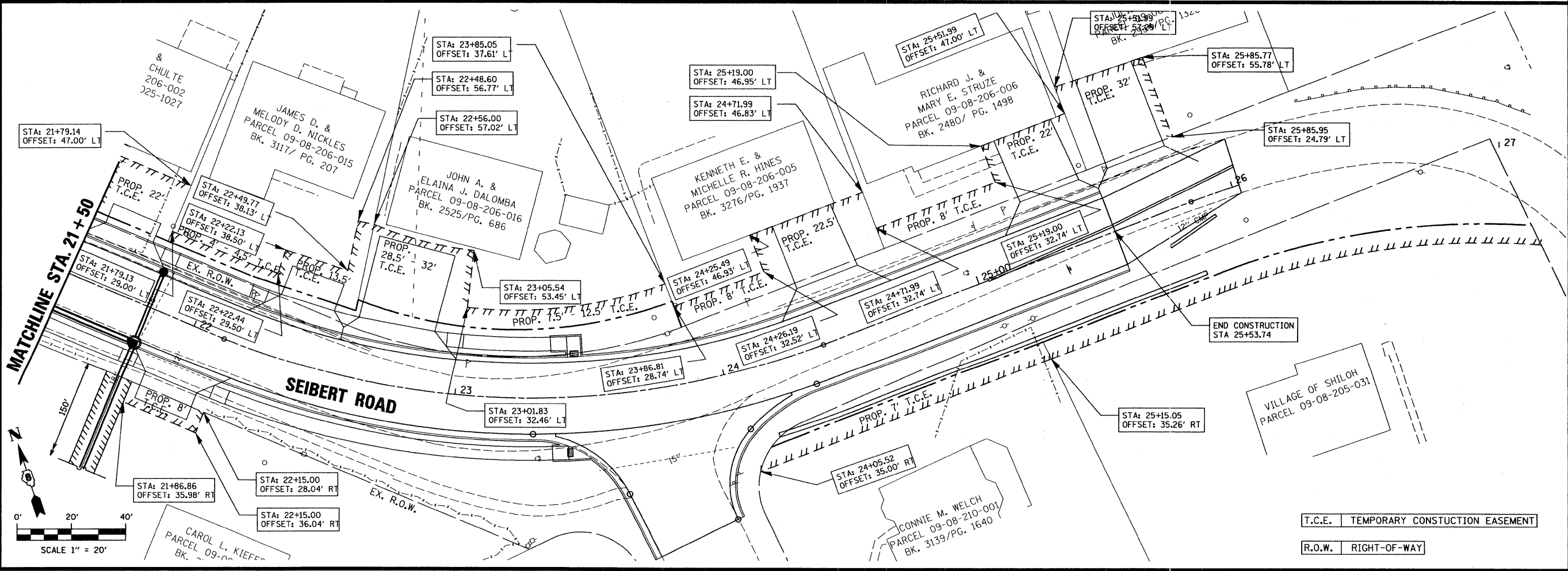
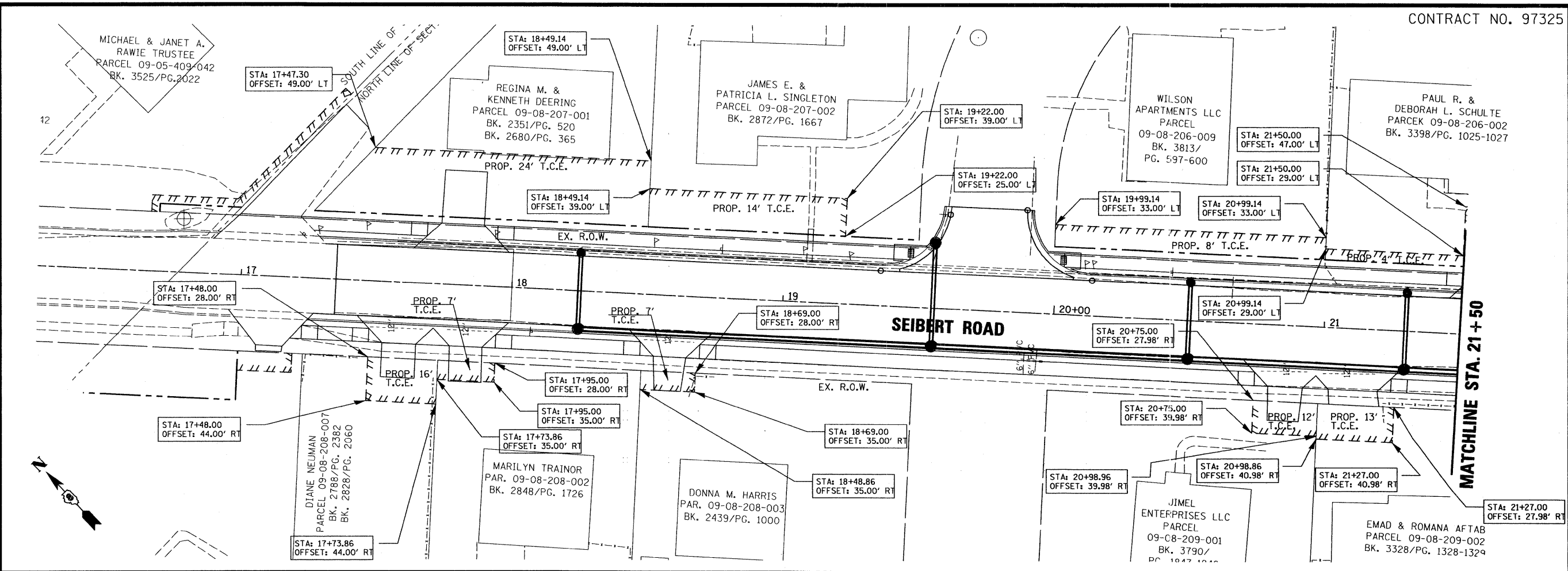


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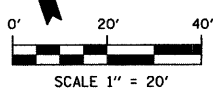
**RIGHT-OF-WAY SHEETS**  
STA. 17+35 TO 26+37.4

**SEIBERT ROAD**  
RECONSTRUCTION - PHASE II  
VILLAGE OF SHILOH  
ST. CLAIR COUNTY, ILLINOIS

REV.	DATE	DESCRIPTION

DRAWN BY: _____	MLS	SHEET
DESIGNED BY: _____	MJJ	15
CHECKED BY: _____	XXX	OF 35 SHEETS
APPROVED BY: _____	XXX	
PROJECT NUMBER: T20610479		
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<input type="checkbox"/> ISSUED FOR CONSTR.	<input type="checkbox"/> RECORD DRAWING	

PLOT DATE = 1/11/2008  
 FILE NAME = P:\10104798\10104798\Phase II Plans\0104798\04.dgn  
 PLOT SCALE = 20,00000 / 1" = 20'  
 USER NAME = machster.john



T.C.E. TEMPORARY CONSTRUCTION EASEMENT  
R.O.W. RIGHT-OF-WAY



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PROFESSIONAL REGISTRATIONS	LICENSE NO.
ILLINOIS PROFESSIONAL DESIGN FIRM	184-001220
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PROFESSIONAL STRUCTURAL ENGR. CORP.	81-005202
ILLINOIS PROF. LAND SURVEYING CORP.	048-000029
MISSOURI PROFESSIONAL ENGR. CORP.	NC 001528
MISSOURI LAND SURVEYING CORP.	NC 000346

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Signature: \_\_\_\_\_  
Signature Date: \_\_\_\_\_  
Expiration Date: \_\_\_\_\_

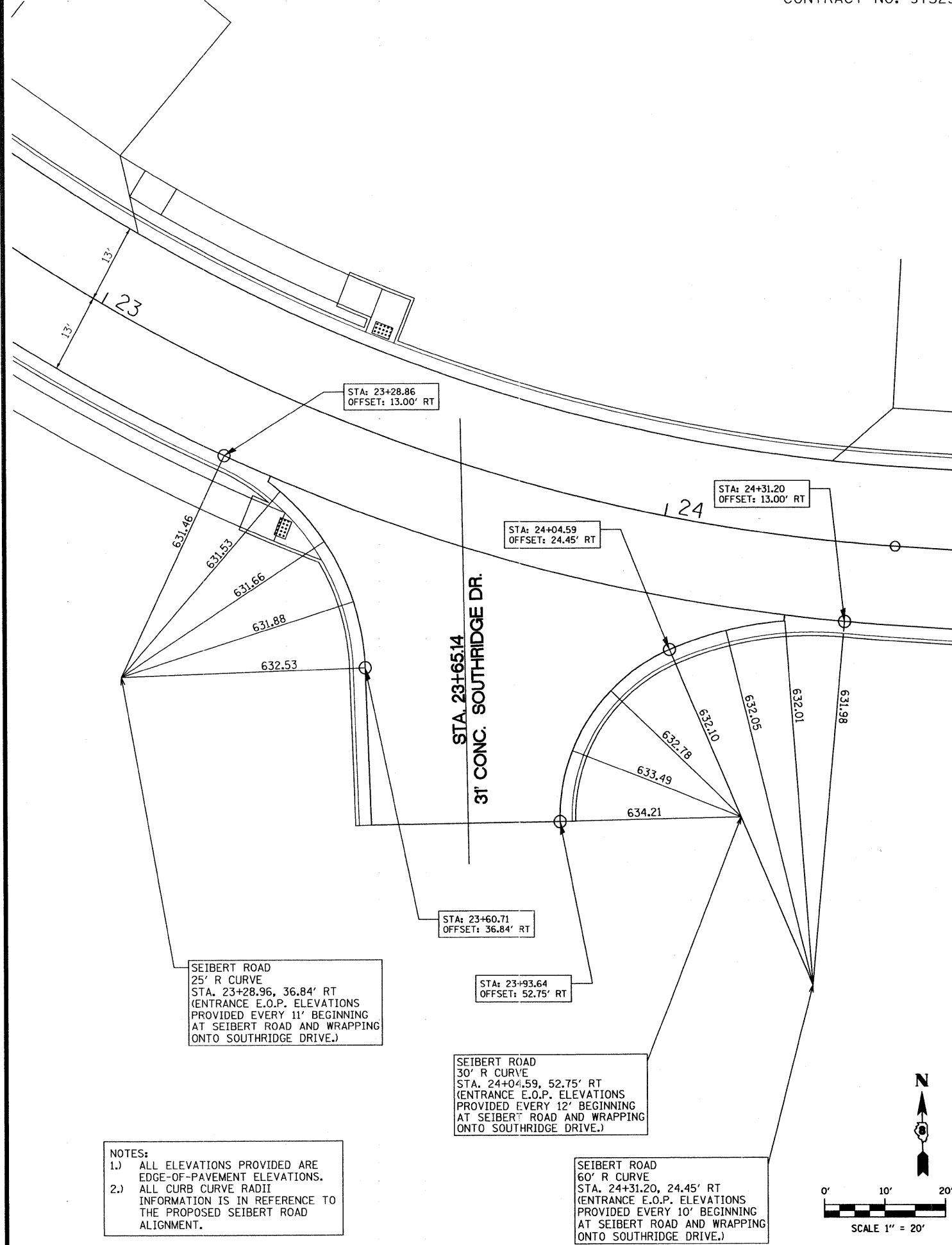
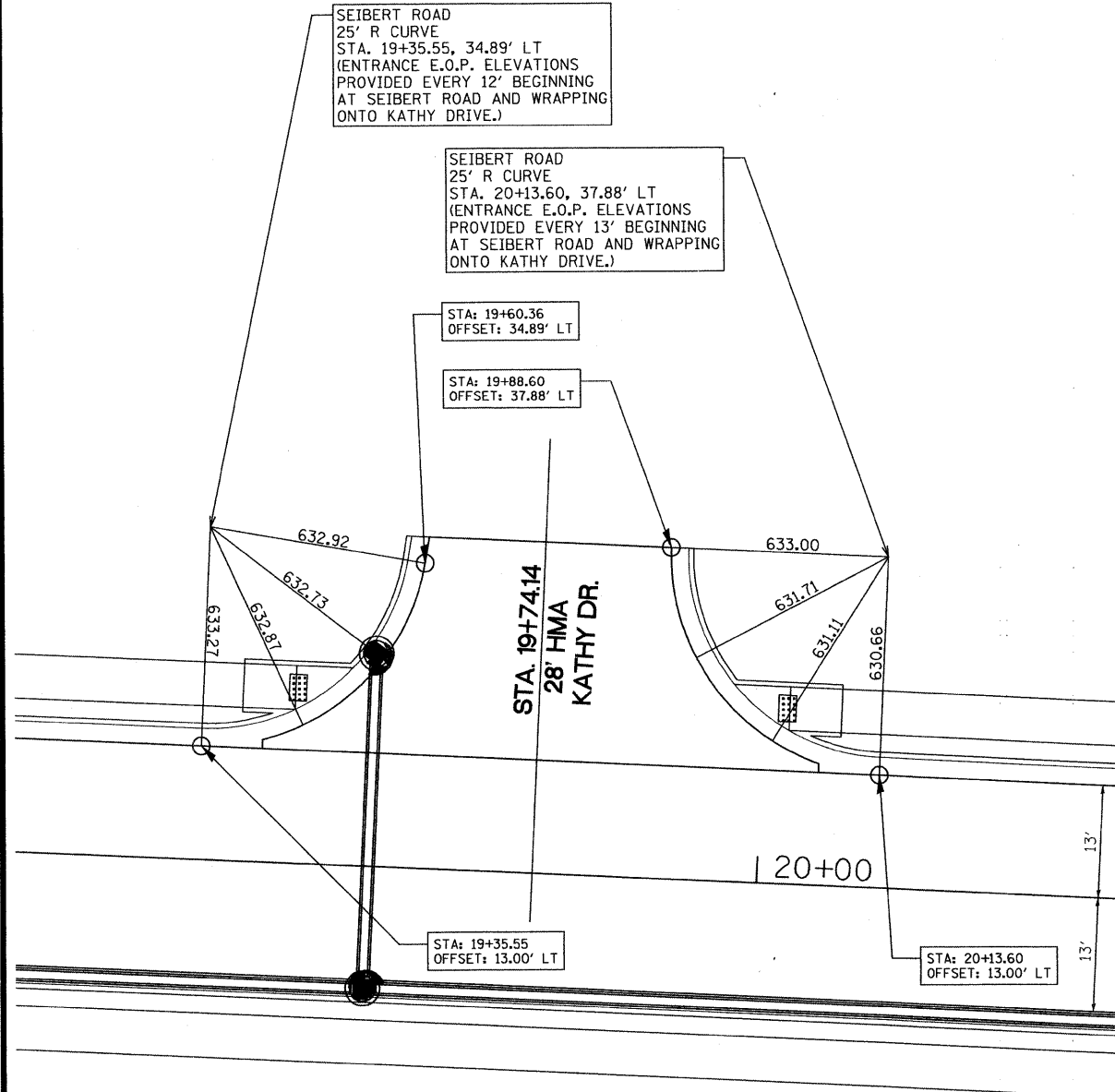
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**INTERSECTION DETAILS**

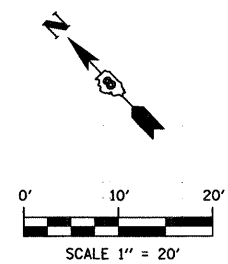
**SEIBERT ROAD  
RECONSTRUCTION - PHASE II  
VILLAGE OF SHILOH  
ST. CLAIR COUNTY, ILLINOIS**

REV.	DATE	DESCRIPTION
△		
△		
△		

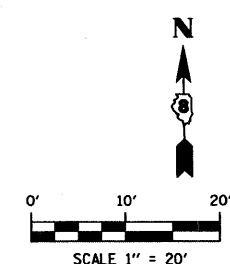
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<input type="checkbox"/> ISSUED FOR REVIEW	<input type="checkbox"/> ISSUED FOR BIDDING	
<input type="checkbox"/> ISSUED FOR CONSTR.	<input type="checkbox"/> RECORD DRAWING	



**NOTES:**  
1.) ALL ELEVATIONS PROVIDED ARE EDGE-OF-PAVEMENT ELEVATIONS.  
2.) ALL CURB CURVE RADII INFORMATION IS IN REFERENCE TO THE PROPOSED SEIBERT ROAD ALIGNMENT.



**NOTES:**  
1.) ALL ELEVATIONS PROVIDED ARE EDGE-OF-PAVEMENT ELEVATIONS.  
2.) ALL CURB CURVE RADII INFORMATION IS IN REFERENCE TO THE PROPOSED SEIBERT ROAD ALIGNMENT.



PLOT DATE = 1/9/2008  
 FILE NAME = P:\010479\Phase II Plans\010479\INTERSECTION DETAILS.2.dgn  
 USER = jason@twm-inc.com  
 USER NAME = jason@twm-inc.com



PROFESSIONAL REGISTRATIONS	LICENSE NO.
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PROFESSIONAL ENGINEERING CORP.	62-035370
PROFESSIONAL STRUCTURAL ENGR. CORP.	81-005202
ILLINOIS PROF. LAND SURVEYING CORP.	048-000029
MISSOURI PROFESSIONAL ENGR. CORP.	NC 001528
MISSOURI LAND SURVEYING CORP.	NC 000346

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Signature Date: \_\_\_\_\_  
Expiration Date: \_\_\_\_\_

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**TITLE**  
URBAN ENTRANCE DETAILS

**PROJECT:**  
SEIBERT ROAD RECONSTRUCTION - PHASE II  
VILLAGE OF SHILOH  
ST. CLAIR COUNTY, ILLINOIS

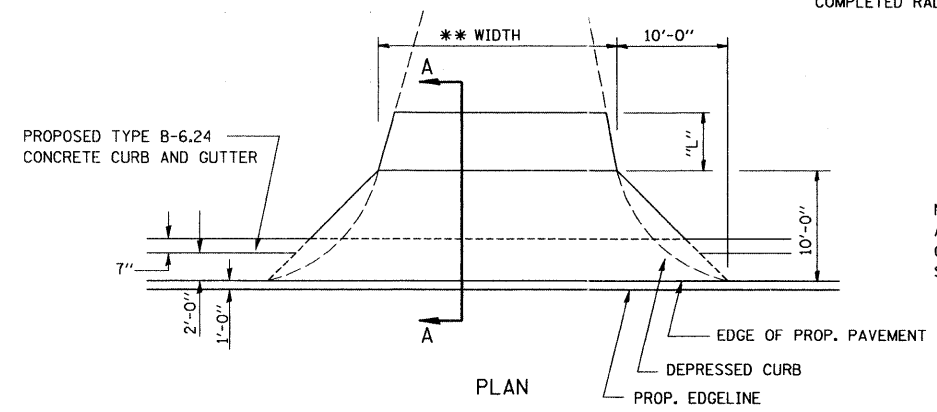
REV.	DATE	DESCRIPTION
△		
△		
△		

<b>DRAWN BY:</b> M.L.S.	<b>SHEET</b>
<b>DESIGNED BY:</b> M.J.J.	<b>17</b>
<b>CHECKED BY:</b> XXX	
<b>APPROVED BY:</b> XXX	
<b>PROJECT NUMBER:</b> T20010479	<b>OF 35 SHEETS</b>
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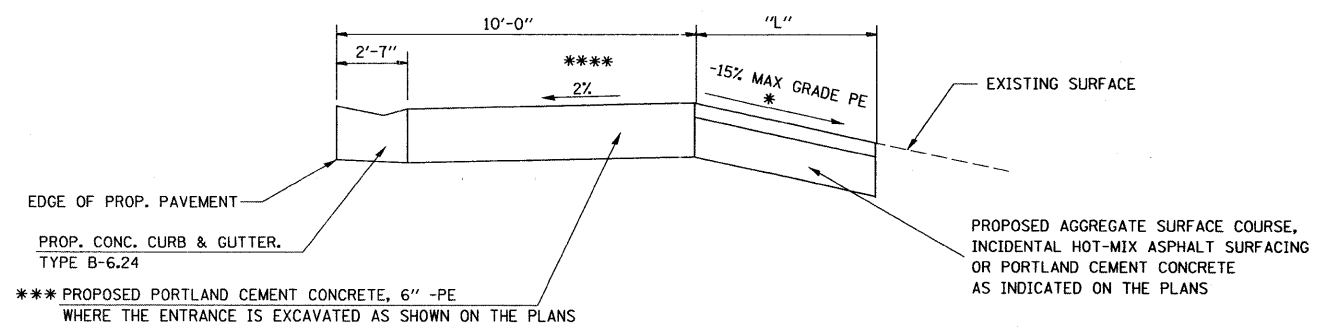
**CURB AND GUTTER ENTRANCE DETAIL**

ADJACENT TO TYPE B-6.24  
CONCRETE CURB AND GUTTER  
PRIVATE ENTRANCES

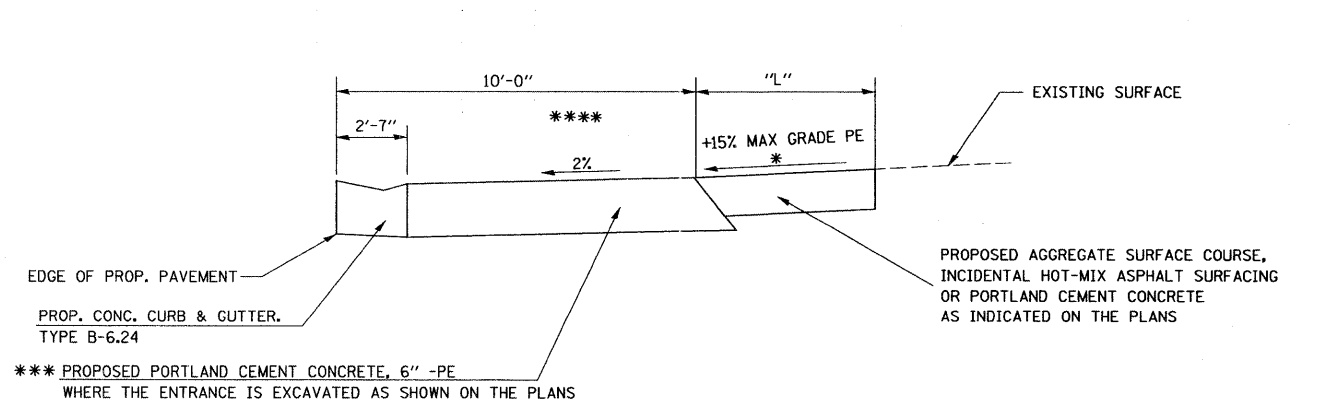
\*\* ALLOWABLE ENTRANCE WIDTHS:  
PRIVATE 12' TO 24'  
ALLOWABLE ENTRANCE WIDTH  
SHALL BE INTERPRETED TO BE  
THE WIDTHS AT THE SPECIFIED  
COMPLETED RADIUS.



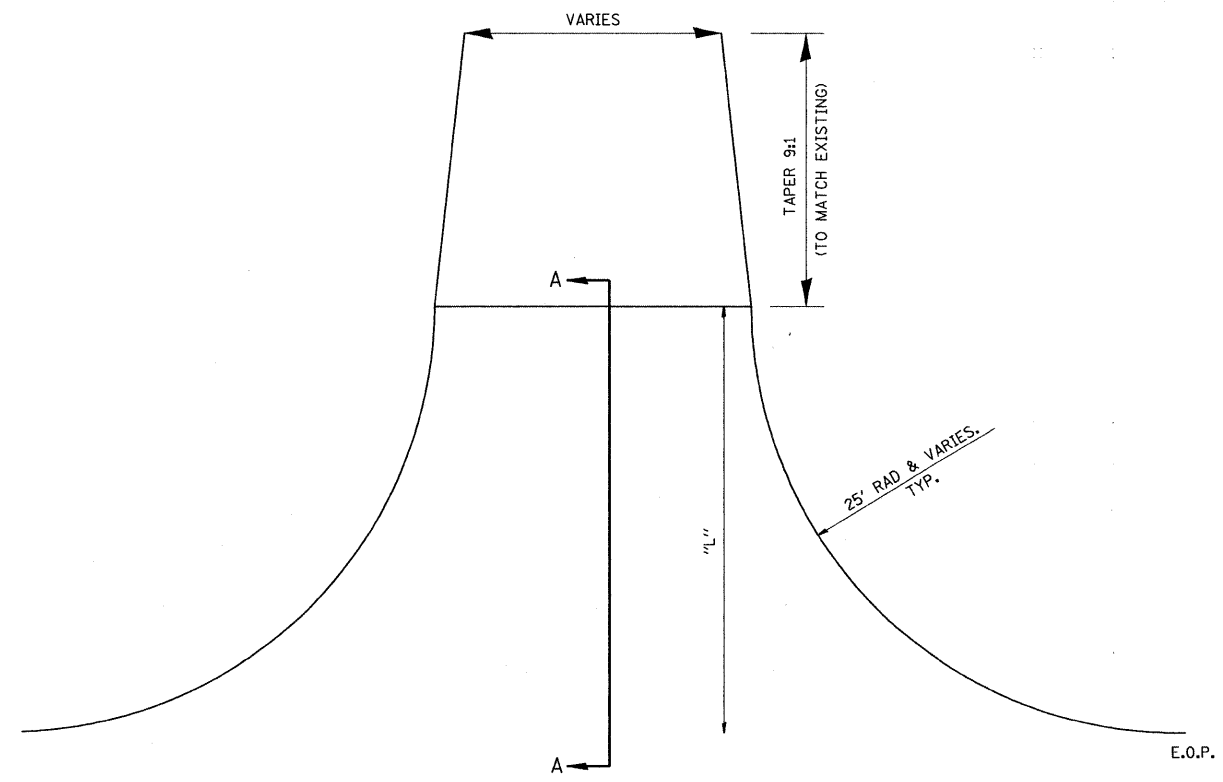
NOTE:  
ALL ENTRANCES WILL BE  
CONSTRUCTED AT 90° TO  
SEIBERT ROAD



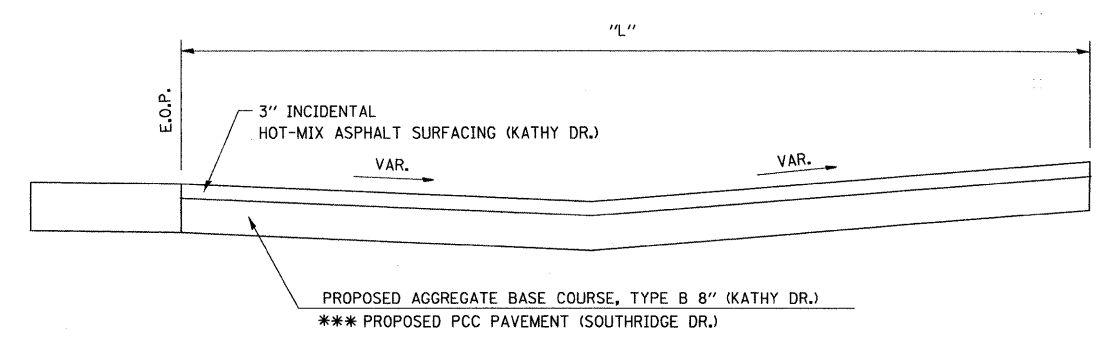
**SECTION A-A WITH NEGATIVE GRADE**



**SECTION A-A WITH POSITIVE GRADE**



**DETAIL OF SIDE ROAD ENTRANCE**  
(KATHY DR. & SOUTHRIDGE DR.)



**SECTION A-A**

- \* SEE CROSS SECTIONS FOR SLOPES
- \*\*\* FOR SIDE ROADS/ENTRANCES WITH EXISTING CONCRETE PAVEMENT OR THROUGH SIDEWALK, THE PROPOSED SIDE ROAD/ENTRANCE SHALL BE CONSTRUCTED WITH PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8"
- \*\*\*\* SEE CROSS SECTIONS FOR SLOPES AND LENGTHS AT STA 24+48.39, 25+36.60 & STA 25+70.65

PLOT DATE = 1/11/2009  
 FILE NAME = P:\010479\Phase II Plans\010479\ENTRANCE-DETAIL\_2.dgn  
 PLOT SCALE = 20.0000 / IN.  
 USER NAME = machuwr, jsh

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MISSOURI PROFESSIONAL ENGR. CORP.	MC 001528
MISSOURI LAND SURVEYING CORP.	MC 000346

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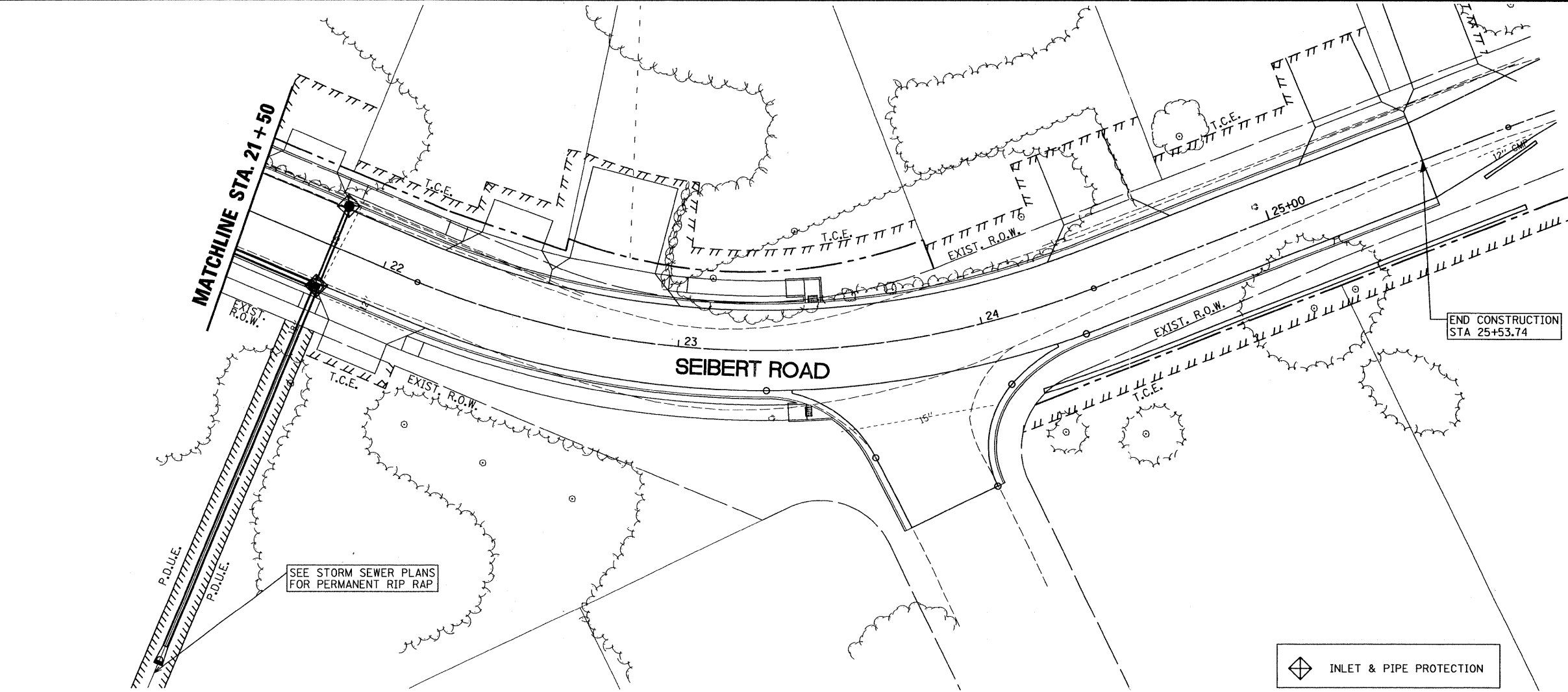
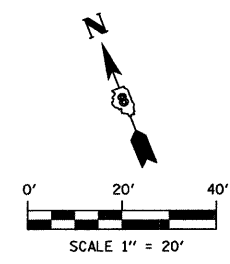
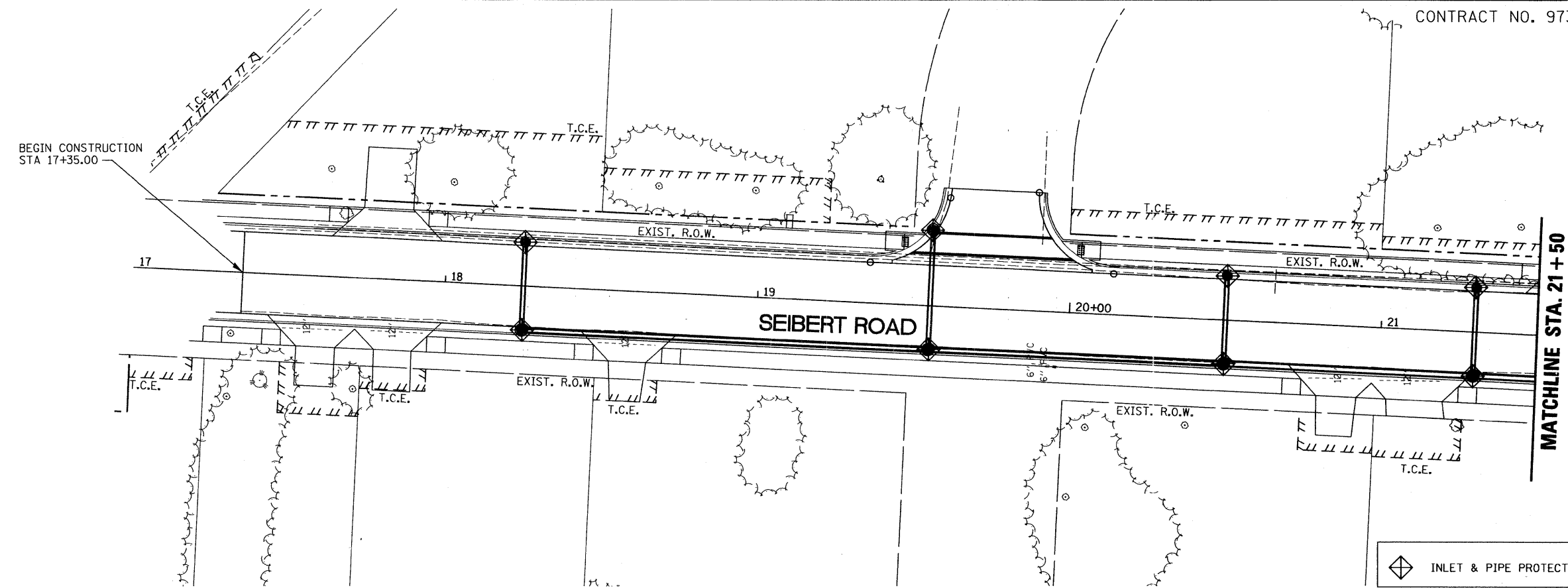
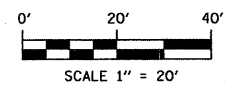
This Professional Service conforms to the current Illinois Minimum Standards for a Boundary Survey  
Signature: \_\_\_\_\_  
Signature Date: \_\_\_\_\_  
Expiration Date: \_\_\_\_\_  
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**TITLE: TEMPORARY EROSION CONTROL  
DETAILS**  
**STA 17+35 TO STA 26+03.74**

**PROJECT:**  
SEIBERT ROAD  
RECONSTRUCTION - PHASE II  
VILLAGE OF SHILOH  
ST. CLAIR COUNTY, ILLINOIS

REV.	DATE	DESCRIPTION

<b>DRAWN BY:</b> MLS	<b>SHEET</b>
<b>DESIGNED BY:</b> MJJ	<b>18</b>
<b>CHECKED BY:</b> XXX	
<b>APPROVED BY:</b> XXX	
<b>PROJECT NUMBER:</b> T20010479	<b>OF 35 SHEETS</b>
<input checked="" type="checkbox"/> ISSUED FOR REVIEW	<input type="checkbox"/> ISSUED FOR BIDDING
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PLOT DATE = 1/8/2009  
FILE NAME = P:\010479\Phase II Plans\010479\EROS.2.dgn  
PLOT SCALE = 20,0000 / IN.  
USER NAME = machwaer, John



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Expiration Date: \_\_\_\_\_

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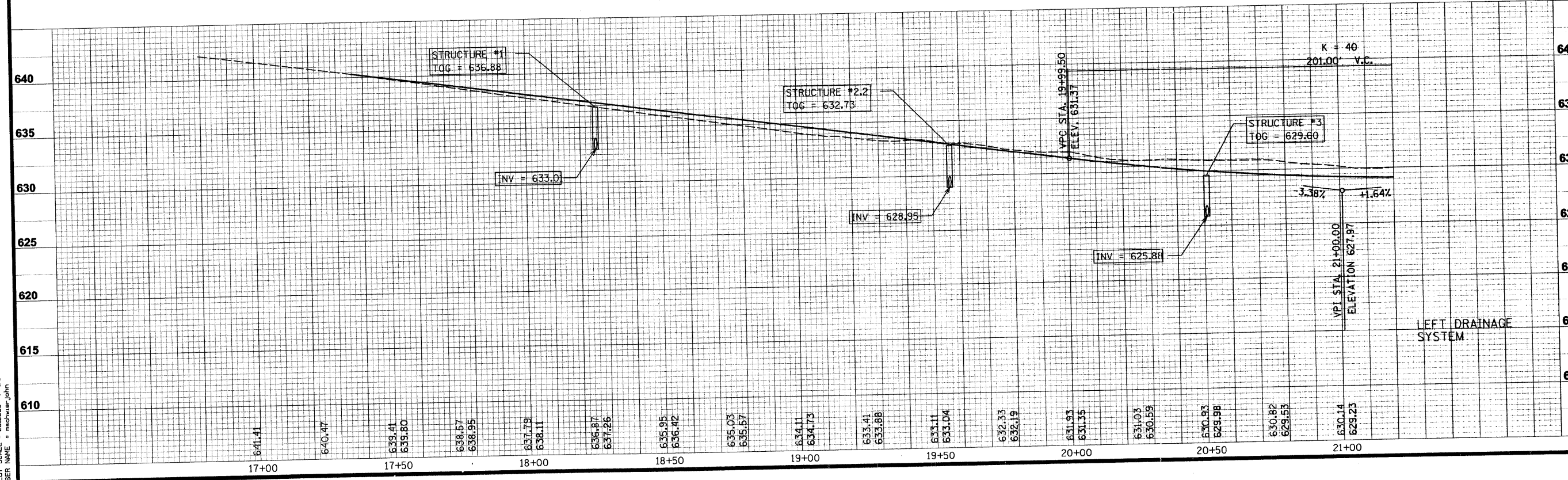
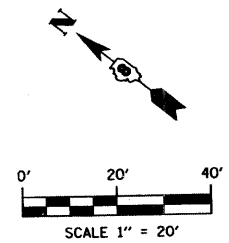
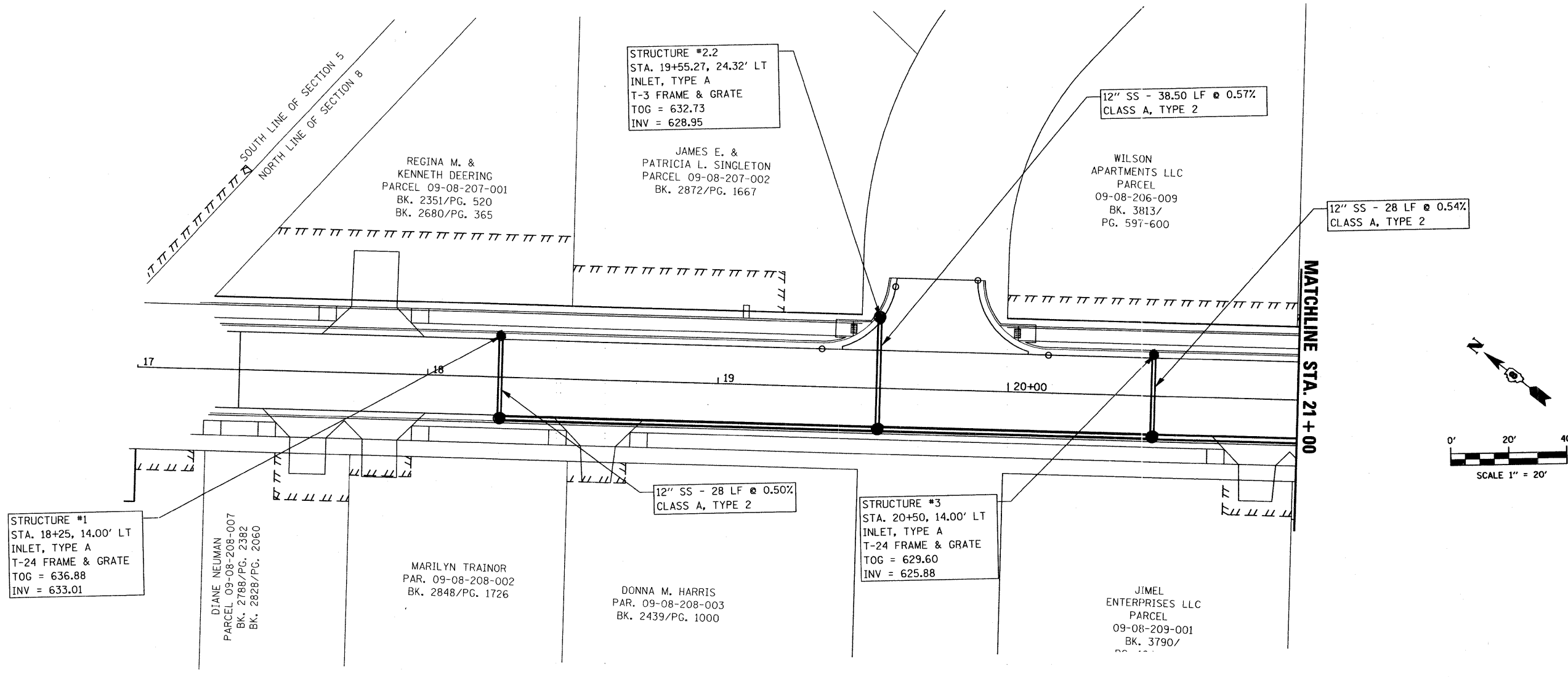
**TITLE:** STORM SEWER PLAN AND PROFILE  
LEFT SIDE - STA. 17+35 TO 21+00

**PROJECT:** SEIBERT ROAD RECONSTRUCTION - PHASE II  
VILLAGE OF SHILOH  
ST. CLAIR COUNTY, ILLINOIS

REV.	DATE	DESCRIPTION

DRAWN BY: M.L.S.	SHEET
DESIGNED BY: M.J.J.	<b>19</b>
CHECKED BY: XXX	
APPROVED BY: XXX	OF 35 SHEETS
PROJECT NUMBER: T20010479	

- ISSUED FOR REVIEW
- ISSUED FOR BIDDING
- ISSUED FOR CONSTR.
- RECORD DRAWING



LOT DATE = 1/6/2008  
FILE NAME = P:\010479\Phase II Plans\010479\SPST\_2.dgn  
LOT SCALE = 20.0000' / 1" IN.  
SER NAME = mschwarzjohn



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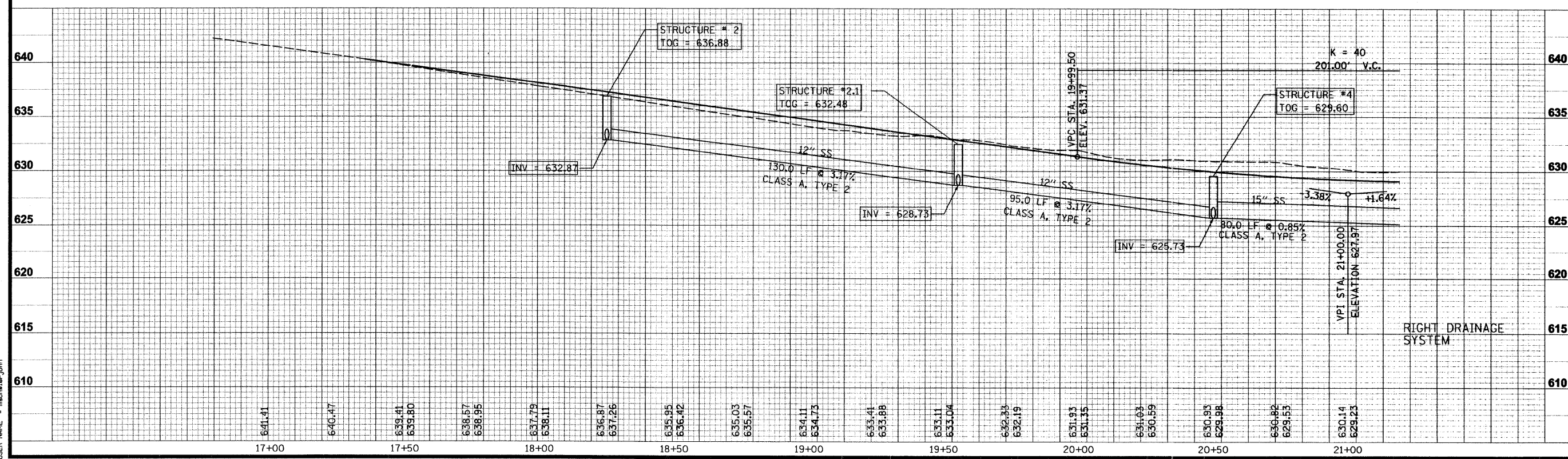
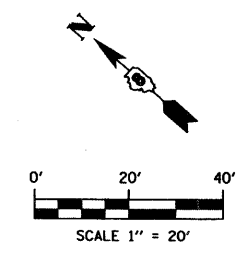
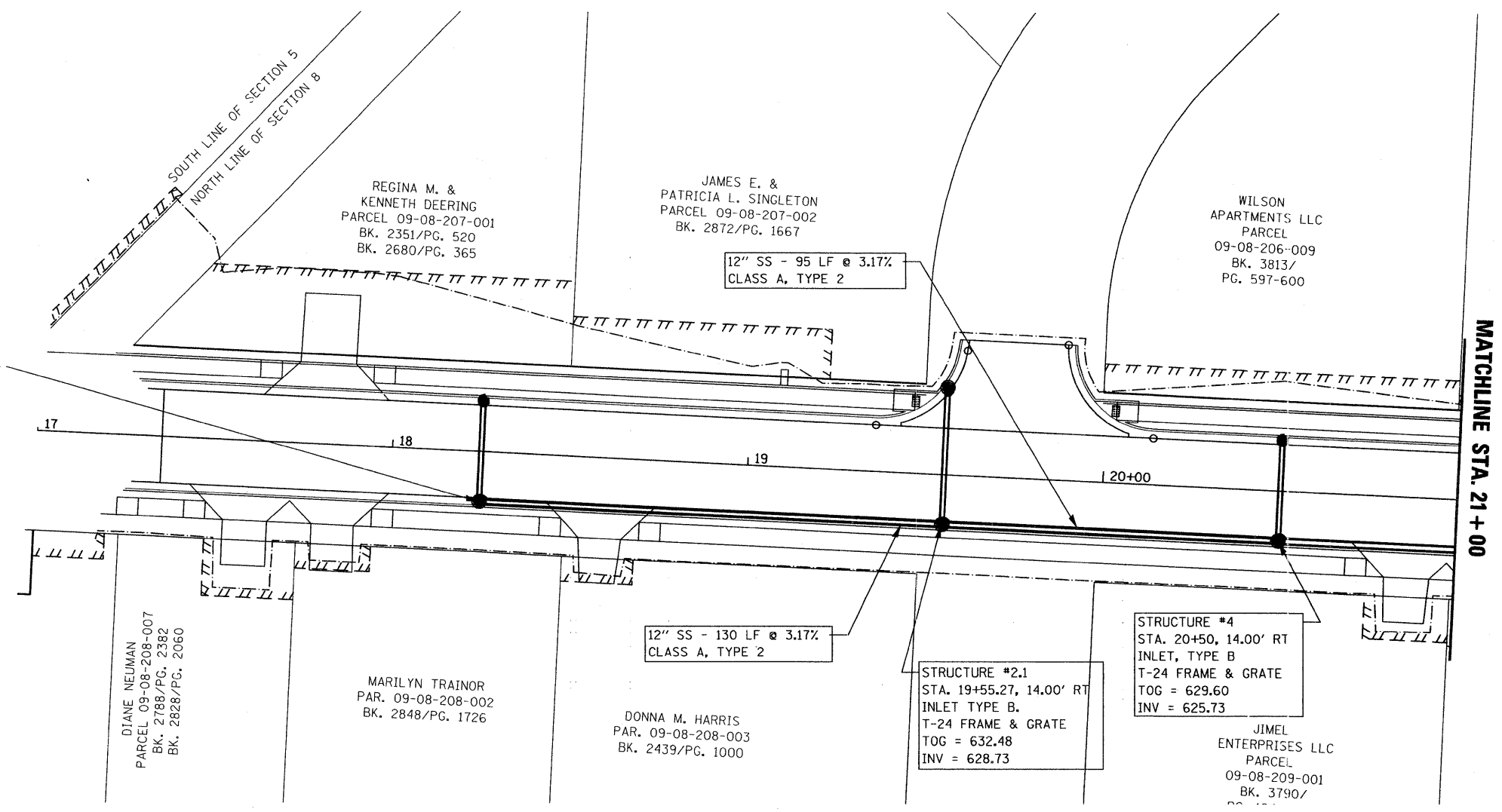
**PROFESSIONAL REGISTRATIONS**

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PROFESSIONAL STRUCTURAL ENGR. CORP.	81-005202
ILLINOIS PROF. LAND SURVEYING CORP.	048-000029
MISSOURI PROFESSIONAL ENGR. CORP.	MC 001528
MISSOURI LAND SURVEYING CORP.	MC 000346

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PLOT DATE = 1/2/2008  
PLOT SCALE = 26.00000  
USER NAME = mchavarria

**TITLE**  
STORM SEWER PLAN AND PROFILE  
RIGHT SIDE - STA. 17+85 TO 21+00

**PROJECT:**  
SEIBERT ROAD  
RECONSTRUCTION - PHASE II  
VILLAGE OF SHILOH  
ST. CLAIR COUNTY, ILLINOIS

REV.	DATE	DESCRIPTION

DRAWN BY: _____	MLC	SHEET
DESIGNED BY: _____	MJJ	20
CHECKED BY: _____	XXX	
APPROVED BY: _____	XXX	
PROJECT NUMBER: 120010479	OF 35 SHEETS	
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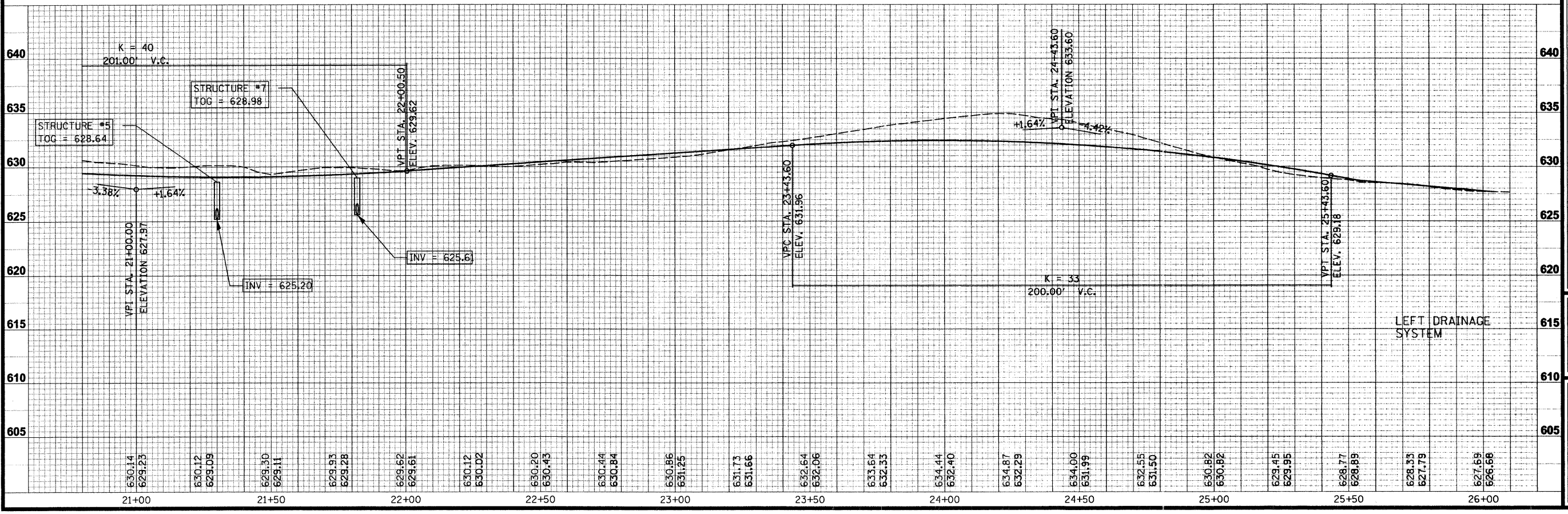
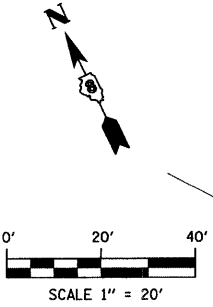
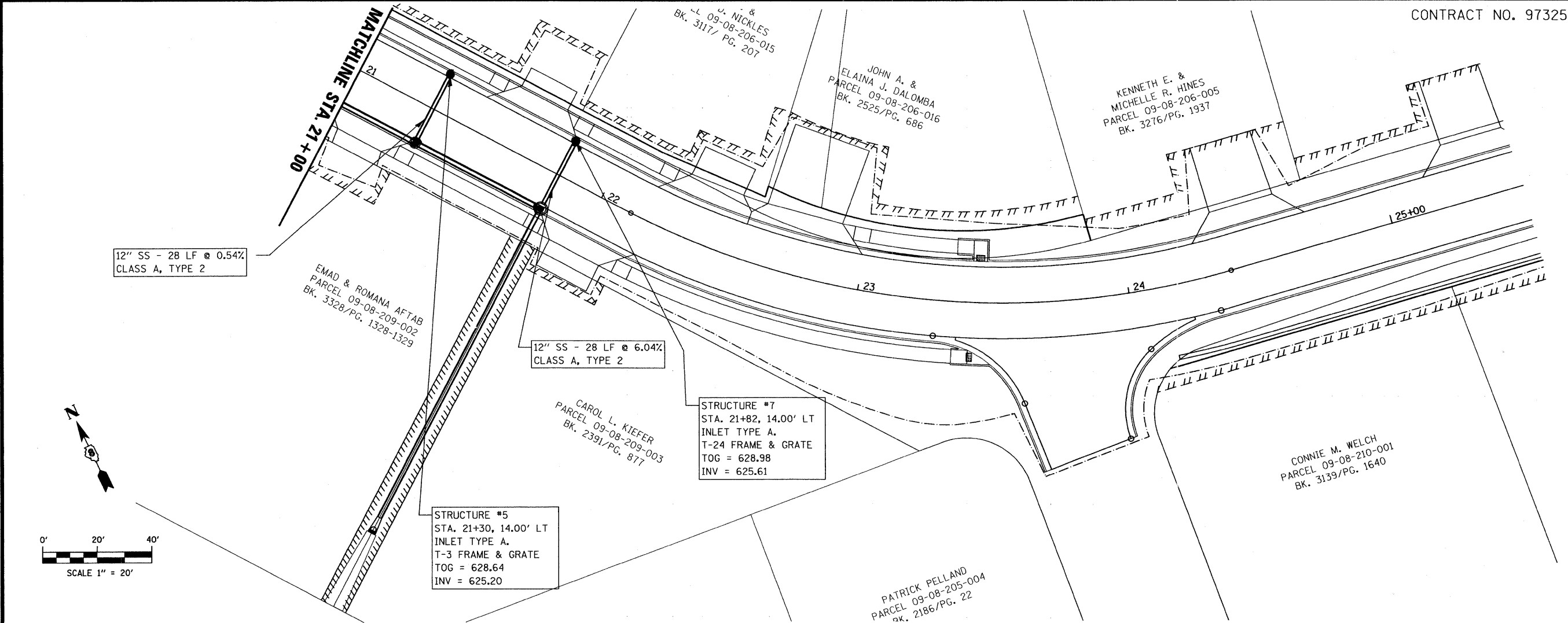
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PROFESSIONAL REGISTRATIONS	LICENSE NO.
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MISSOURI LAND SURVEYING CORP.	NC 000346

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Expiration Date: \_\_\_\_\_

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**TITLE:** STORM SEWER PLAN AND PROFILE  
LEFT SIDE - STA. 21+00 TO 25+53.74

**PROJECT:** SEIBERT ROAD  
RECONSTRUCTION - PHASE II  
VILLAGE OF SHILOH  
ST. CLAIR COUNTY, ILLINOIS

REV.	DATE	DESCRIPTION
△		
△		
△		

DRAWN BY: MJS	SHEET
DESIGNED BY: MJJ	
CHECKED BY: XXX	
APPROVED BY: XXX	
PROJECT NUMBER: T20010479	OF 35 SHEETS
<b>21</b>	
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PLOT DATE = 1/6/2008  
 FILE NAME = P:\010479\Phase II Plans\010479\SPST\_2.dgn  
 USER = J.M.  
 USER NAME = jmoerchen\_jm

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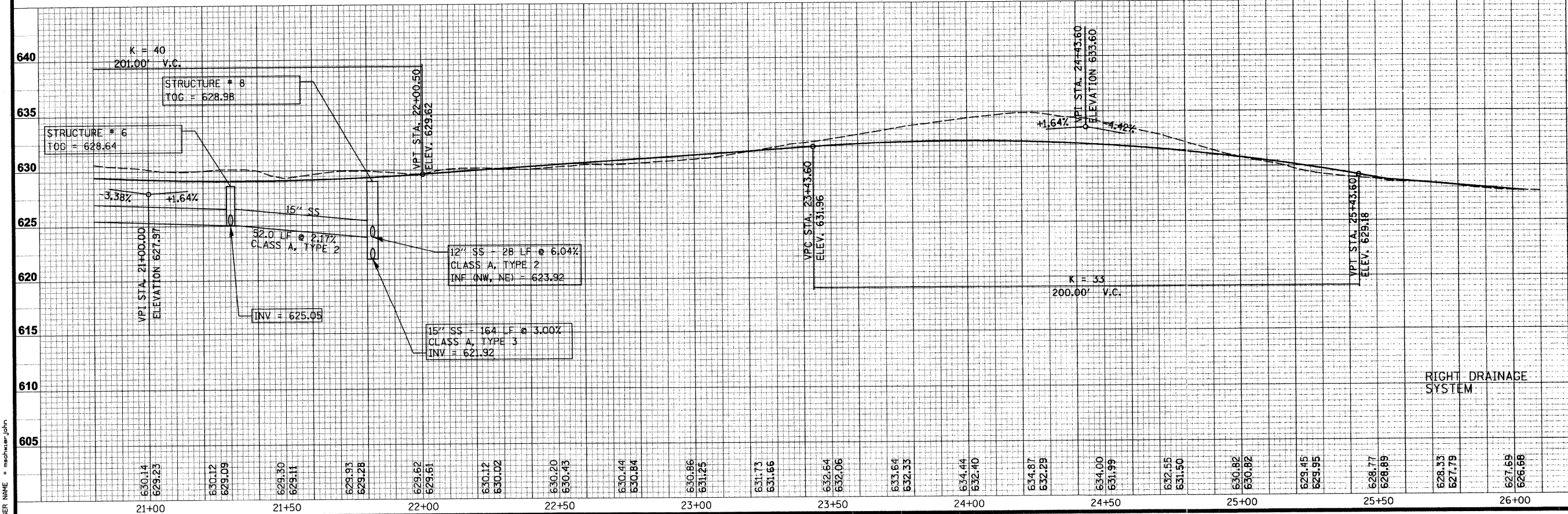
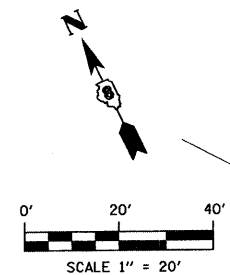
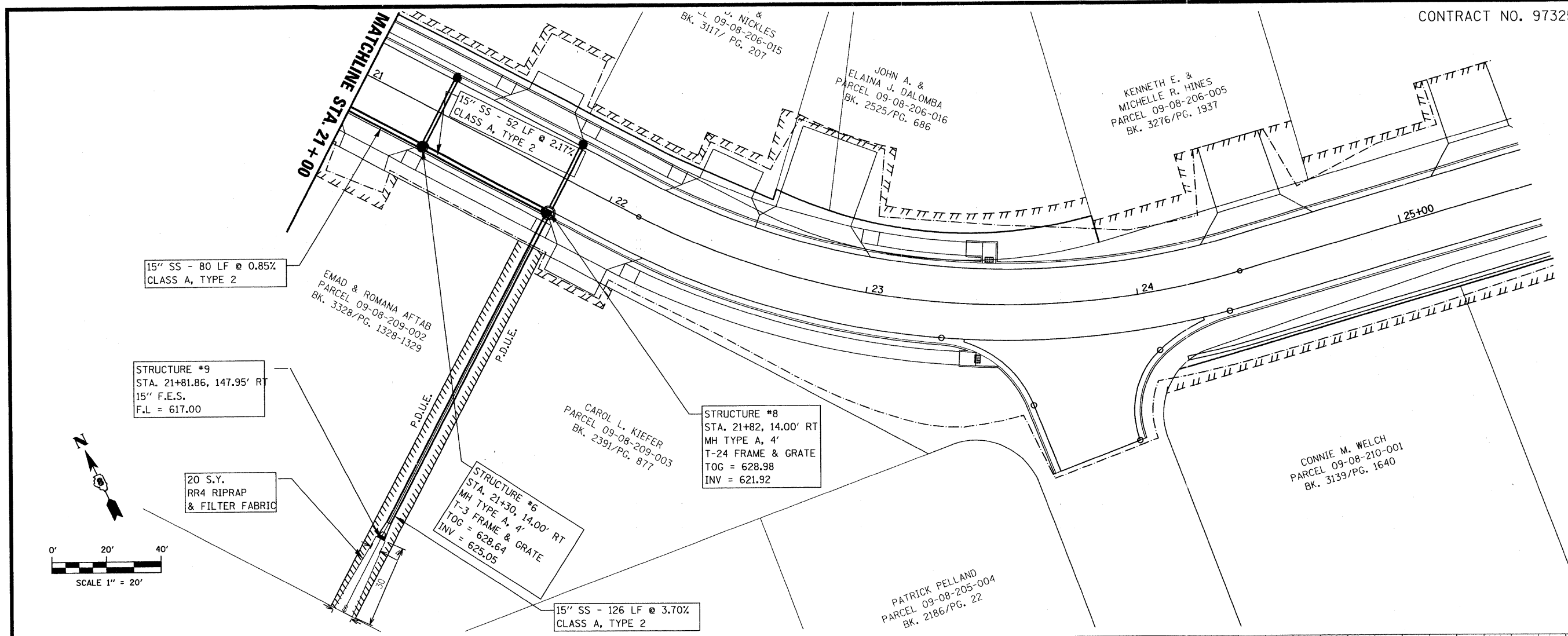


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MISSOURI LAND SURVEYING CORP.	NC 000346

Signature: \_\_\_\_\_  
Signature Date: \_\_\_\_\_  
Expiration Date: \_\_\_\_\_

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PLOT DATE = 1/6/2008  
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 USER NAME = machner, john

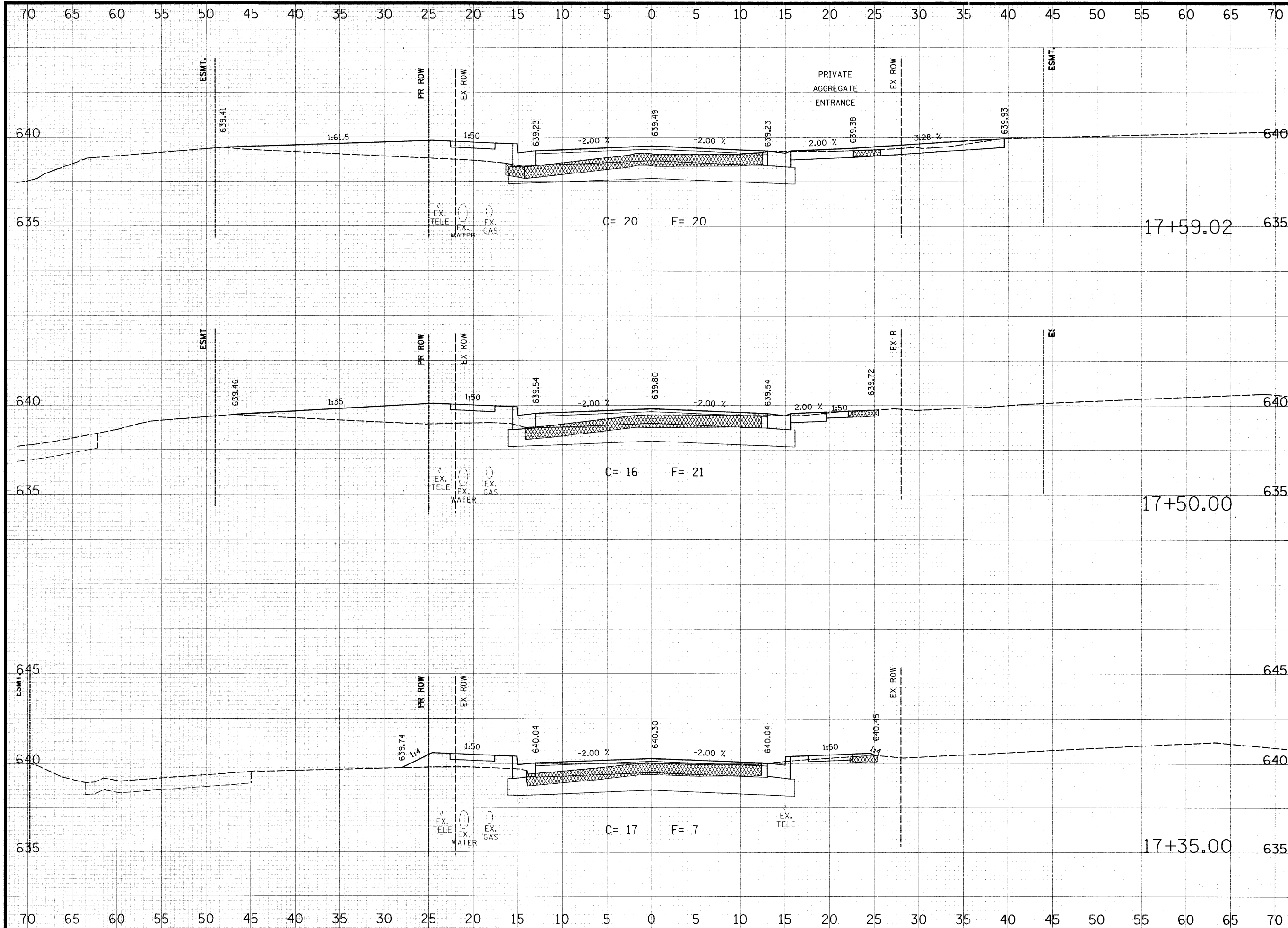
**TITLE:** STORM SEWER PLAN AND PROFILE  
RIGHT SIDE - STA. 21+00 TO 25+53.74

**PROJECT:** SEIBERT ROAD  
RECONSTRUCTION - PHASE II  
VILLAGE OF SHILOH  
ST. CLAIR COUNTY, ILLINOIS

REV.	DATE	DESCRIPTION

DRAWN BY: M.L.S.	SHEET
DESIGNED BY: M.J.J.	
CHECKED BY: XXX	
APPROVED BY: XXX	<b>22</b>
PROJECT NUMBER: T20010479	OF 35 SHEETS
<input type="checkbox"/> ISSUED FOR REVIEW	<input type="checkbox"/> ISSUED FOR BIDDING
<input type="checkbox"/> ISSUED FOR CONSTR.	<input type="checkbox"/> RECORD DRAWING





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PROFESSIONAL REGISTRATIONS	LICENSE NO.
ILLINOIS PROFESSIONAL DESIGN FIRM	184-001220
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PROFESSIONAL STRUCTURAL ENGR. CORP.	81-005202
ILLINOIS PROF. LAND SURVEYING CORP.	048-000029
MISSOURI PROFESSIONAL ENGR. CORP.	NC 001528
MISSOURI LAND SURVEYING CORP.	NC 000346

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Renewal Date: \_\_\_\_\_  
Signature Date: \_\_\_\_\_

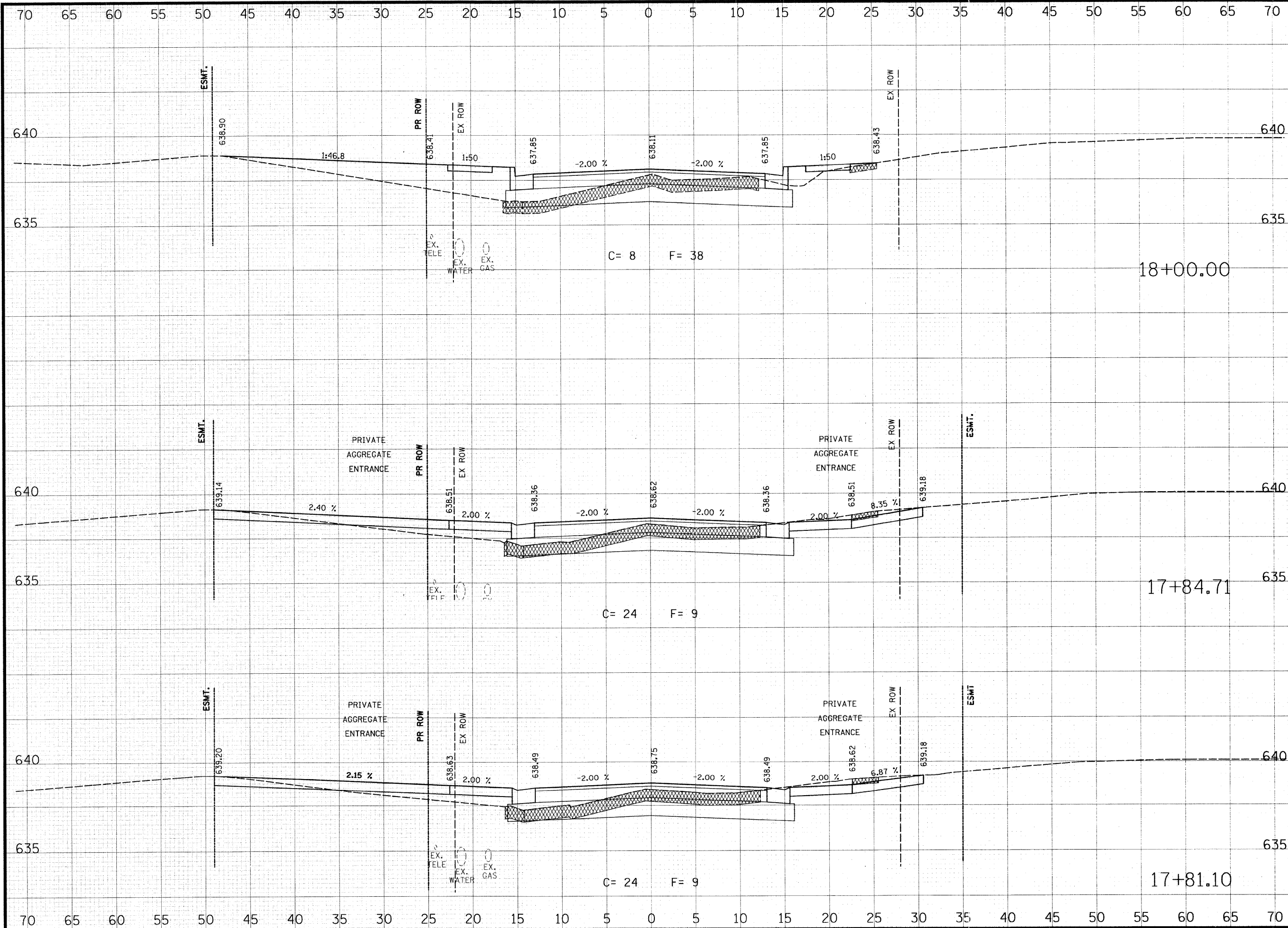
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**CROSS SECTIONS**

PROJECT: **SEIBERT ROAD  
RECONSTRUCTION - PHASE II  
VILLAGE OF SHILOH  
ST. CLAIR COUNTY, ILLINOIS**

REV.	DATE	DESCRIPTION

DRAWN BY: MLS	SHEET
DESIGNED BY: MJJ	<b>23</b>
CHECKED BY: XXX	OF 35 SHEETS
APPROVED BY: XXX	PROJECT DESCRIPTION
PROJECT NUMBER: T20010479	SEIBERT ROAD PHASE II RECONSTRUCTION
<input checked="" type="checkbox"/> ISSUED FOR REVIEW	<input type="checkbox"/> ISSUED FOR BIDDING
<input type="checkbox"/> ISSUED FOR CONSTR.	<input type="checkbox"/> RECORD DRAWING



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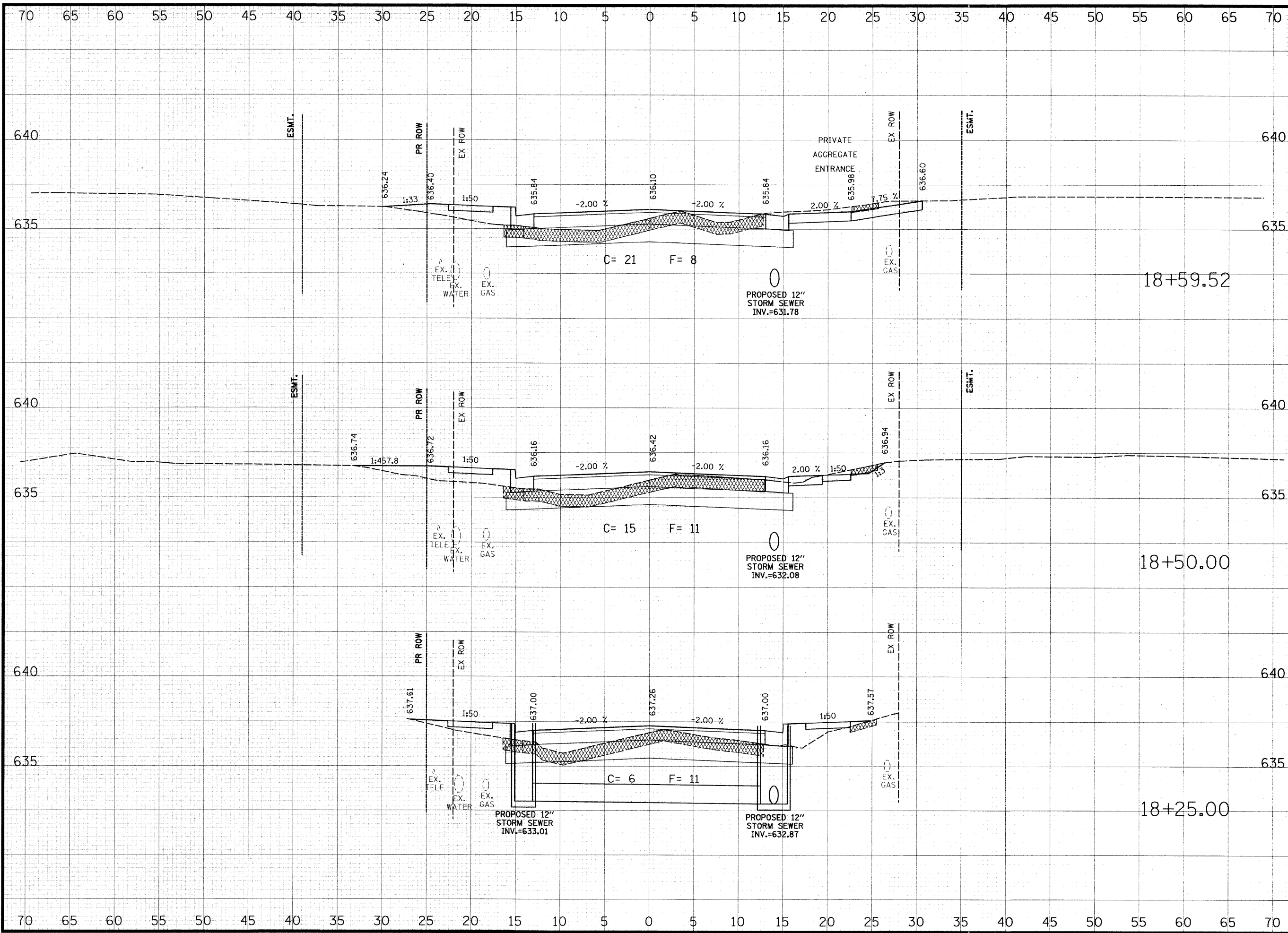
**CROSS SECTIONS**

TITLE: \_\_\_\_\_  
 PROJECT: **SEIBERT ROAD RECONSTRUCTION - PHASE II VILLAGE OF SHILOH ST. CLAIR COUNTY, ILLINOIS**

REV.	DATE	DESCRIPTION

DRAWN BY: M.L.S. DESIGNED BY: M.J.J. CHECKED BY: XXX APPROVED BY: XXX	SHEET <b>24</b> OF 35 SHEETS PROJECT DESCRIPTION SEIBERT ROAD PHASE II RECONSTRUCTION PROJECT NUMBER T20010479
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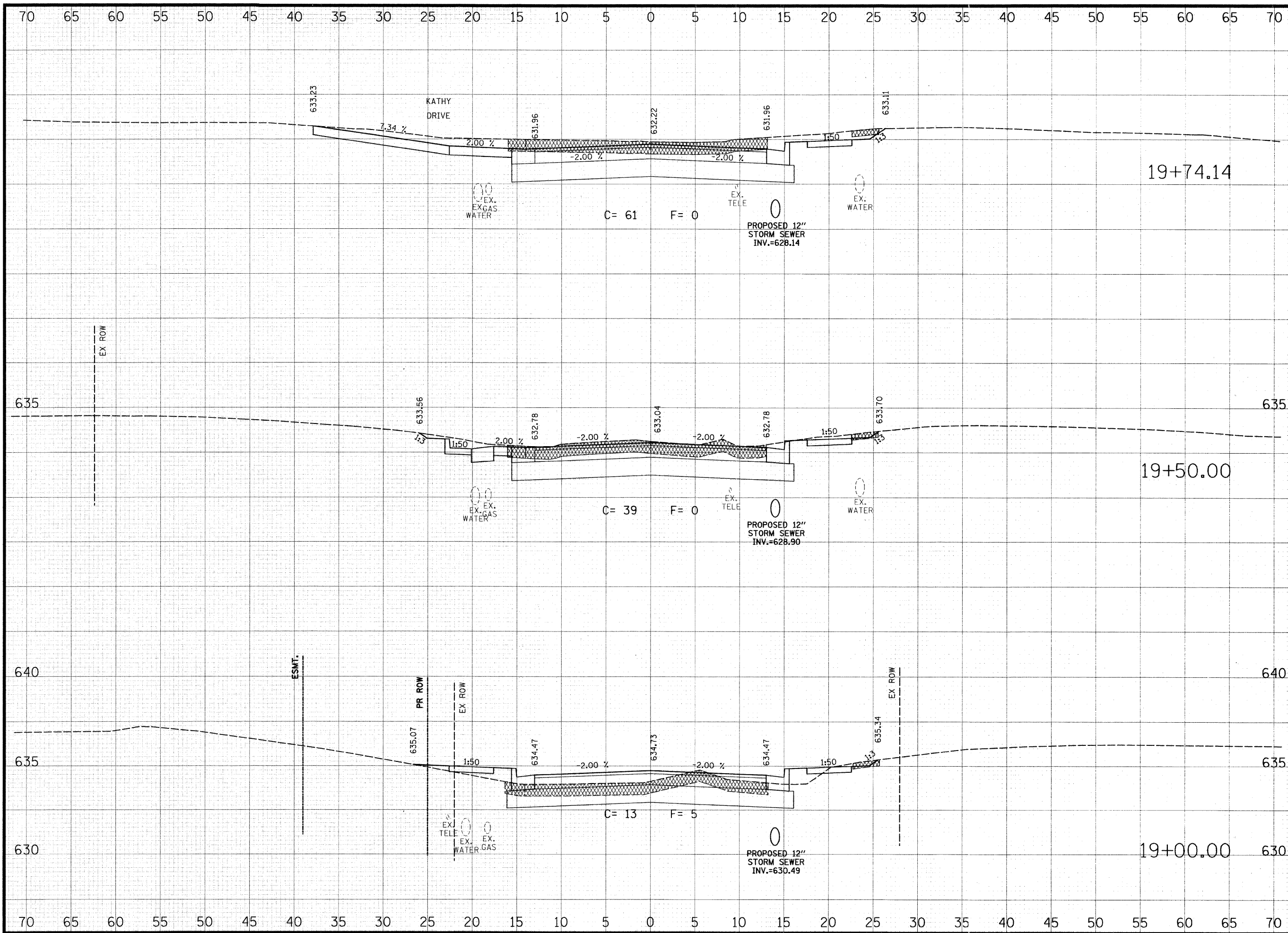
**CROSS SECTIONS**

**SEIBERT ROAD  
RECONSTRUCTION - PHASE II  
VILLAGE OF SHILOH  
ST. CLAIR COUNTY, ILLINOIS**

REV.	DATE	DESCRIPTION

<b>DRAWN BY:</b> MLS	<b>SHEET</b>
<b>DESIGNED BY:</b> MJJ	<b>25</b>
<b>CHECKED BY:</b> XXX	<b>OF 35 SHEETS</b>
<b>APPROVED BY:</b> XXX	<b>PROJECT DESCRIPTION</b>
<b>PROJECT NUMBER:</b> T20010479	SEIBERT ROAD PHASE II RECONSTRUCTION
<input type="checkbox"/> ISSUED FOR REVIEW	<input type="checkbox"/> ISSUED FOR BIDDING
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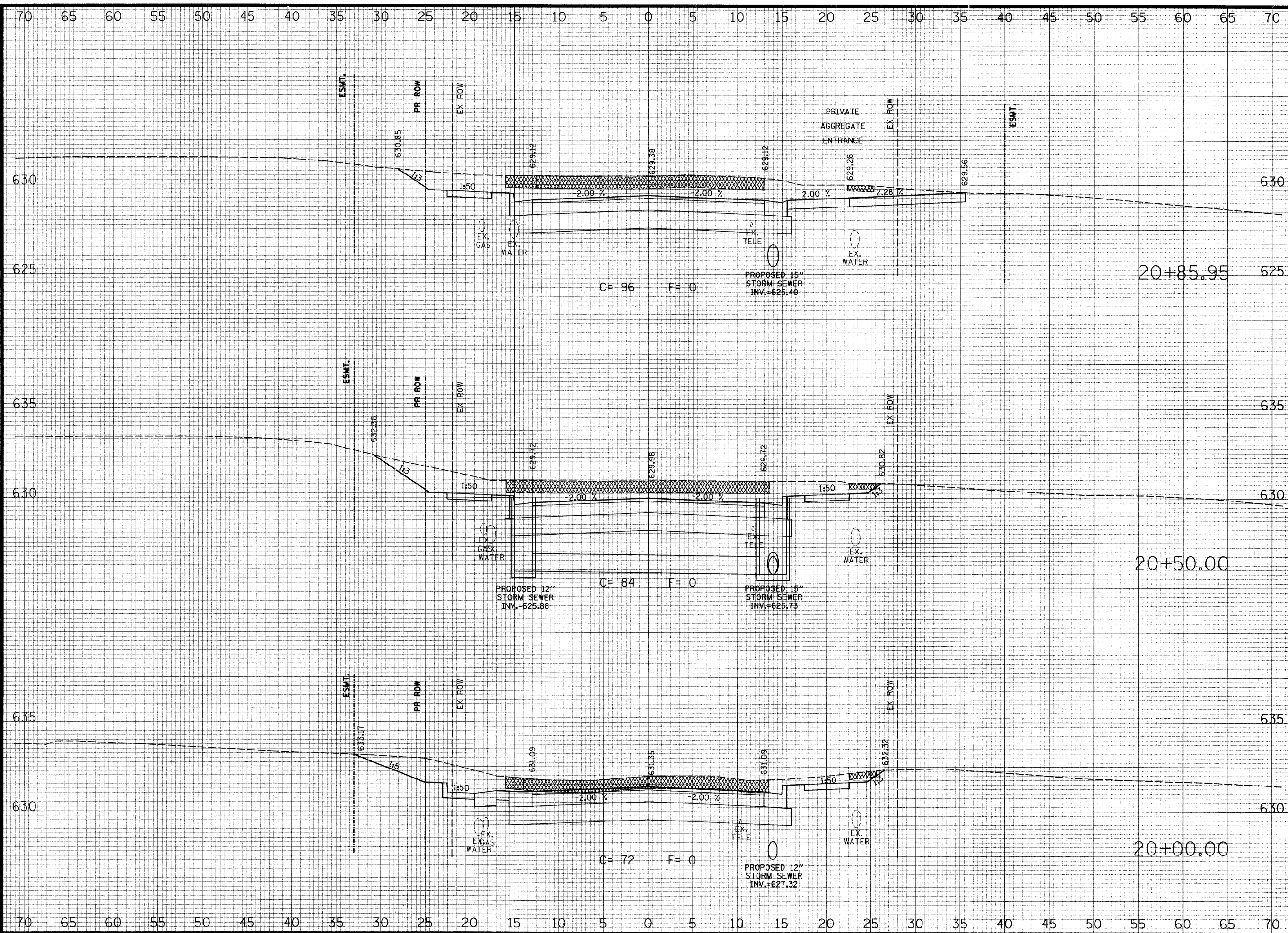
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**PROJECT:** SEIBERT ROAD RECONSTRUCTION - PHASE II VILLAGE OF SHILOH ST. CLAIR COUNTY, ILLINOIS

REV.	DATE	DESCRIPTION
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<b>DRAWN BY:</b> MLS	<b>SHEET</b>
<b>DESIGNED BY:</b> MJJ	<b>26</b>
<b>CHECKED BY:</b> XXX	<b>OF 35 SHEETS</b>
<b>APPROVED BY:</b> XXX	<b>PROJECT DESCRIPTION</b>
<b>PROJECT NUMBER:</b> T20010479	SEIBERT ROAD PHASE II RECONSTRUCTION
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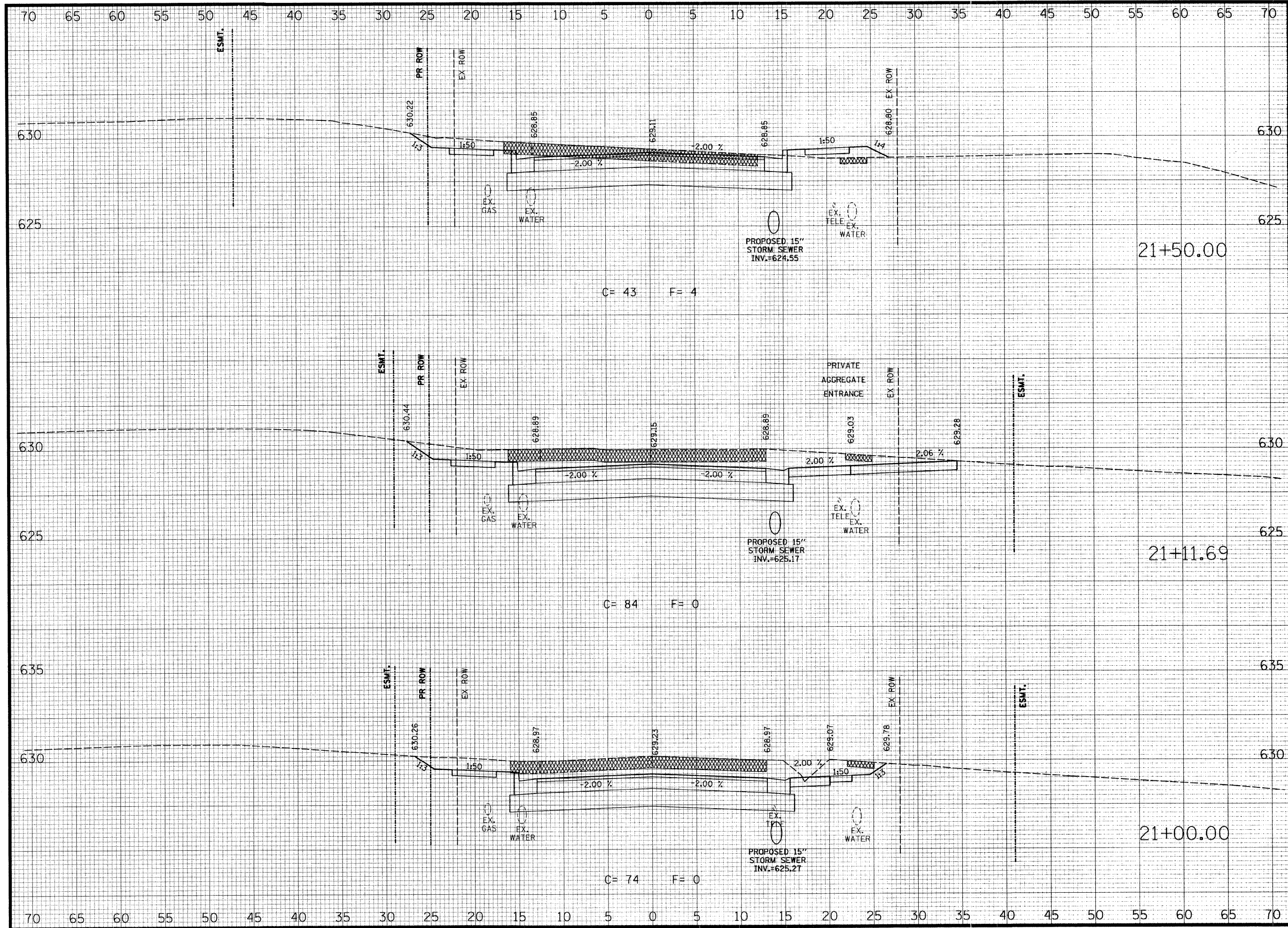
**PROJECT:** SEIBERT ROAD RECONSTRUCTION - PHASE II VILLAGE OF SHILOH ST. CLAIR COUNTY, ILLINOIS

REV.	DATE	DESCRIPTION
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DRAWN BY:	MLS	SHEET
DESIGNED BY:	MJJ	<b>27</b>
CHECKED BY:	XXX	OF 35 SHEETS
APPROVED BY:	XXX	PROJECT DESCRIPTION
PROJECT NUMBER:	T20010479	SEIBERT ROAD RECONSTRUCTION PHASE II

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PROFESSIONAL STRUCTURAL ENGR. CORP.	81-005202
ILLINOIS PROF. LAND SURVEYING CORP.	048-000029
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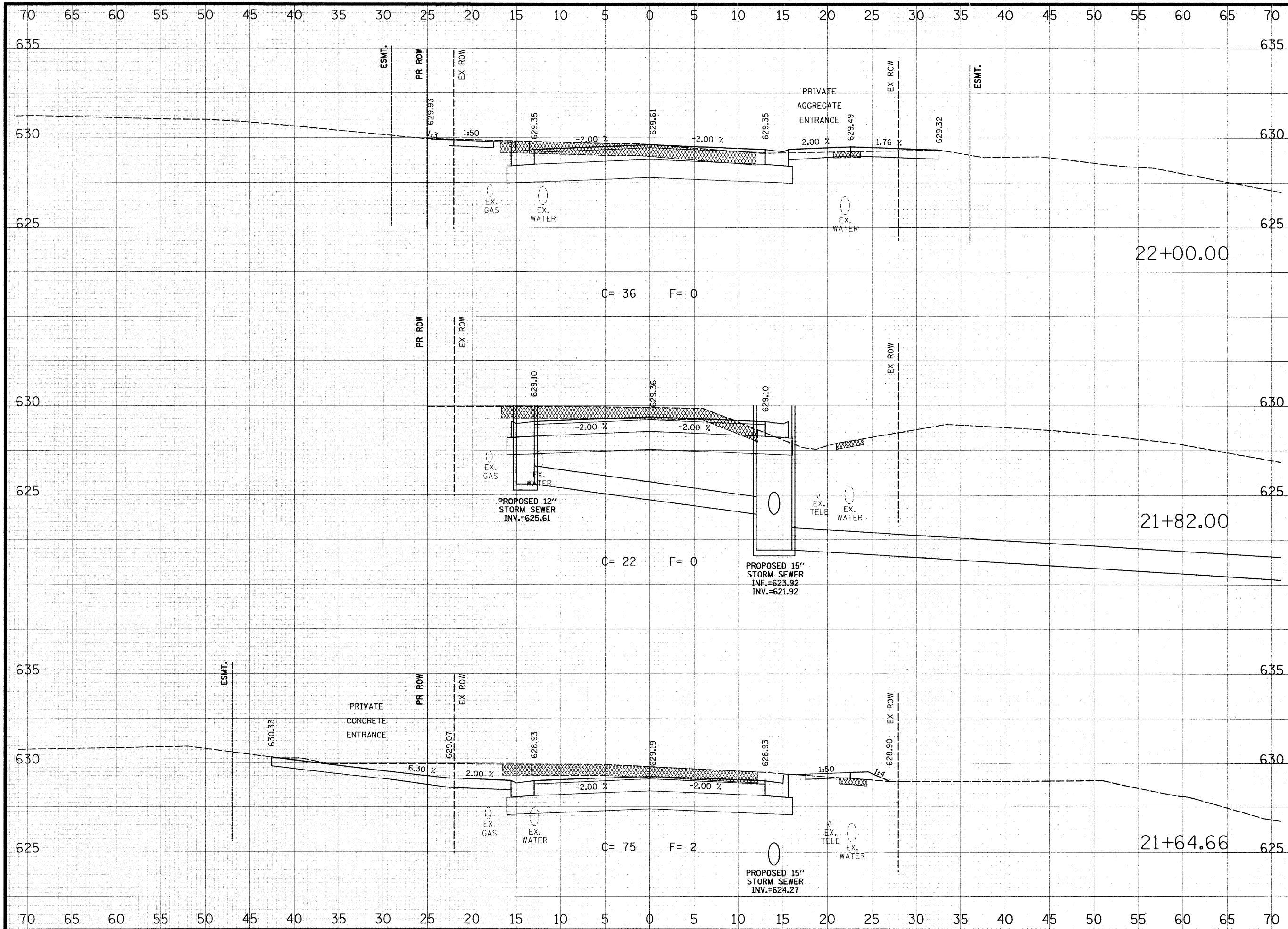
**PROJECT:** SEIBERT ROAD RECONSTRUCTION - PHASE II VILLAGE OF SHILOH ST. CLAIR COUNTY, ILLINOIS

REV.	DATE	DESCRIPTION

DRAWN BY: M.L.S.	SHEET
DESIGNED BY: M.J.J.	<b>28</b>
CHECKED BY: XXX	OF 35 SHEETS
APPROVED BY: XXX	PROJECT DESCRIPTION
PROJECT NUMBER: T20010479	SEIBERT ROAD PHASE II RECONSTRUCTION

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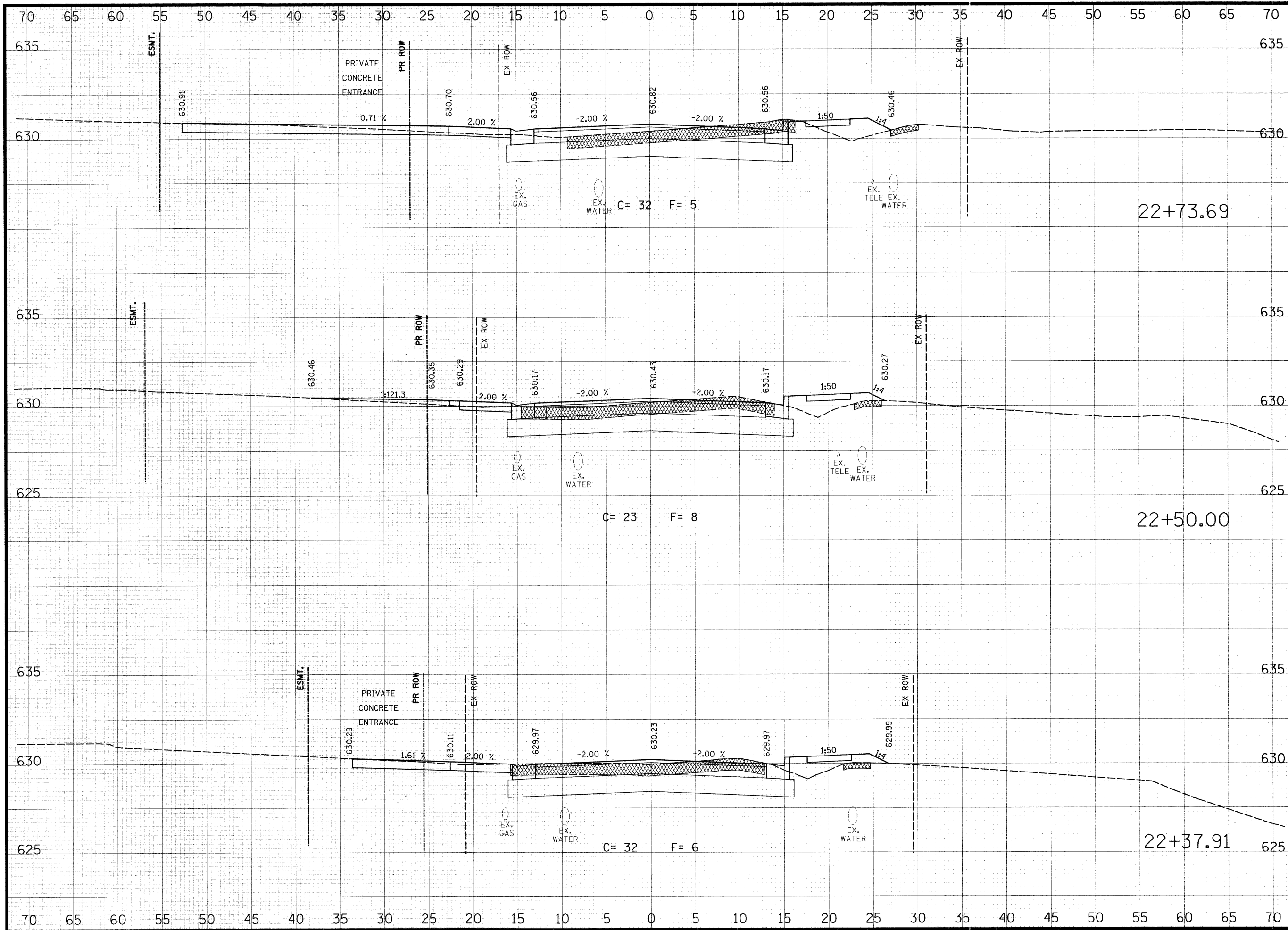
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**PROJECT:** SEIBERT ROAD RECONSTRUCTION - PHASE II VILLAGE OF SHILOH ST. CLAIR COUNTY, ILLINOIS

REV.	DATE	DESCRIPTION

DRAWN BY: MLS	SHEET <b>29</b> OF 35 SHEETS
DESIGNED BY: MJJ	
CHECKED BY: XXX	PROJECT DESCRIPTION: SEIBERT ROAD PHASE II RECONSTRUCTION
APPROVED BY: XXX	PROJECT NUMBER: T20010479
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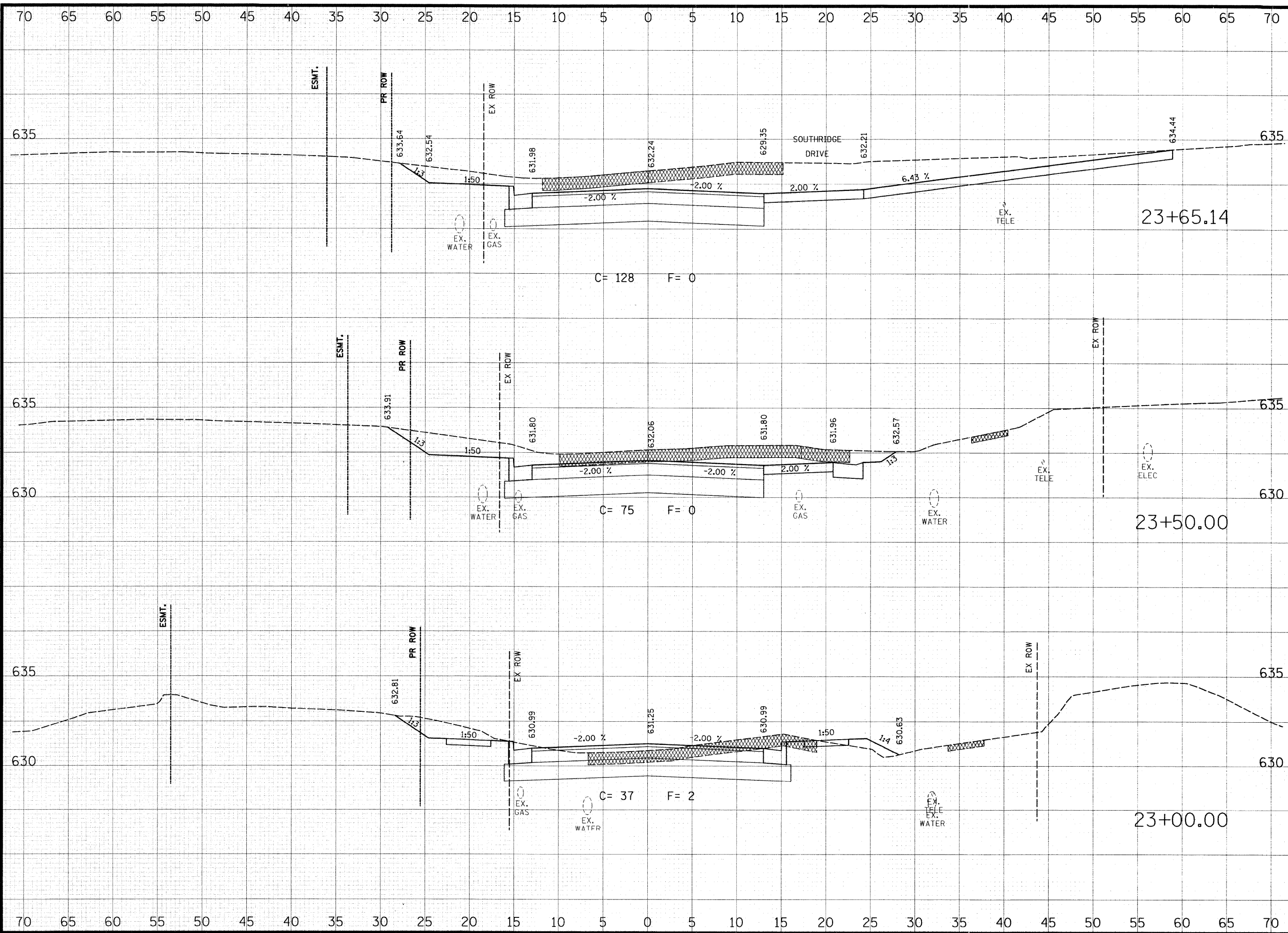
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SEIBERT ROAD  
RECONSTRUCTION - PHASE II  
VILLAGE OF SHILOH  
ST. CLAIR COUNTY, ILLINOIS

REV.	DATE	DESCRIPTION

DRAWN BY: _____	MLS	SHEET	<b>30</b>
DESIGNED BY: _____	MJJ	OF 35 SHEETS	
CHECKED BY: _____	XXX	PROJECT DESCRIPTION	
APPROVED BY: _____	XXX	SEIBERT ROAD	
PROJECT NUMBER: T20010479		PHASE II RECONSTRUCTION	
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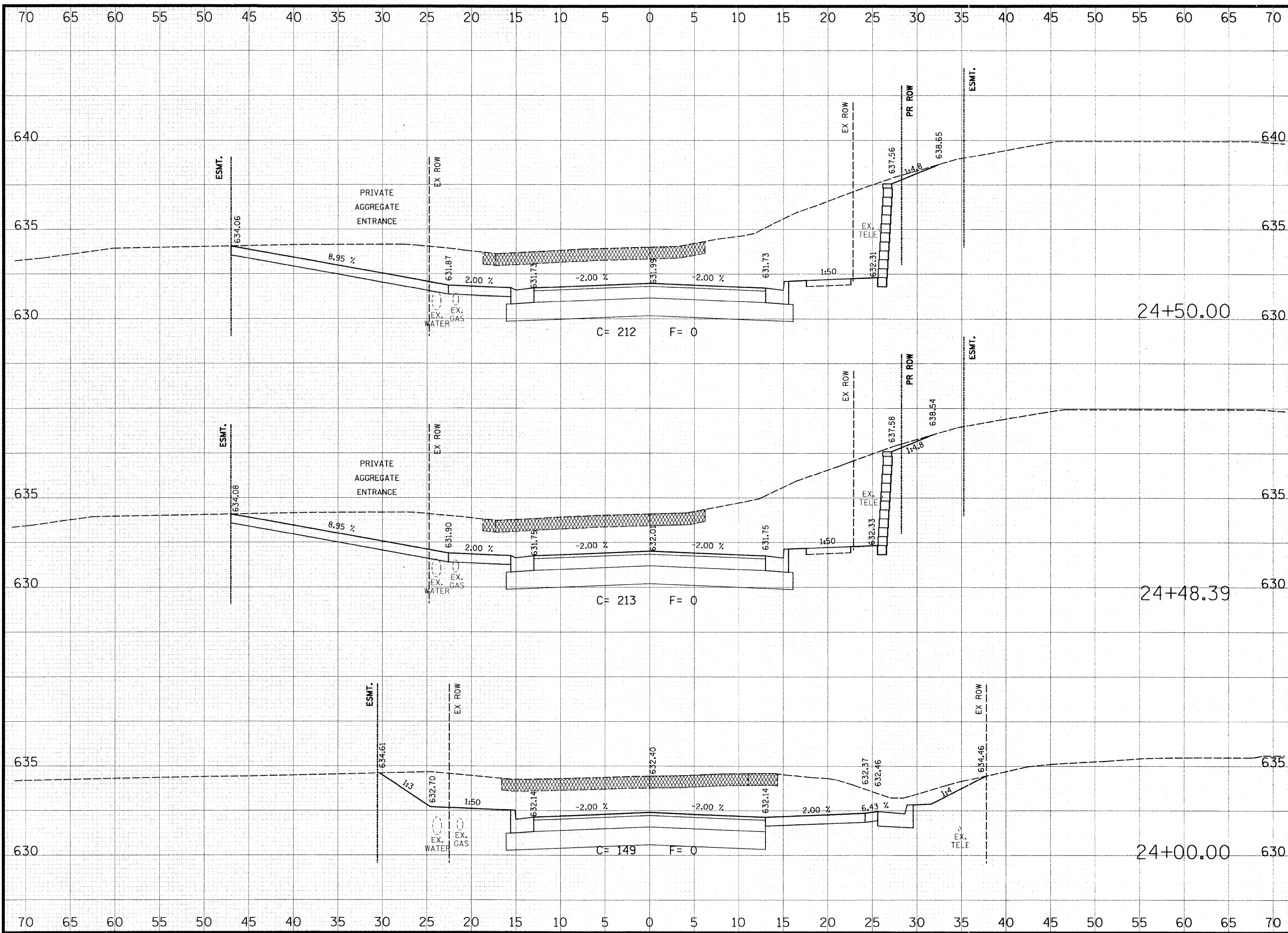
**CROSS SECTIONS**

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REV.	DATE	DESCRIPTION

DRAWN BY: MLS	SHEET
DESIGNED BY: MJJ	<b>31</b>
CHECKED BY: XXX	OF 35 SHEETS
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PROJECT NUMBER: T20010479	SEIBERT ROAD RECONSTRUCTION
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PROFESSIONAL STRUCTURAL ENGR. CORP.	81-005202
ILLINOIS PROF. LAND SURVEYING CORP.	048-000029
MISSOURI PROFESSIONAL ENGR. CORP.	NC 001528
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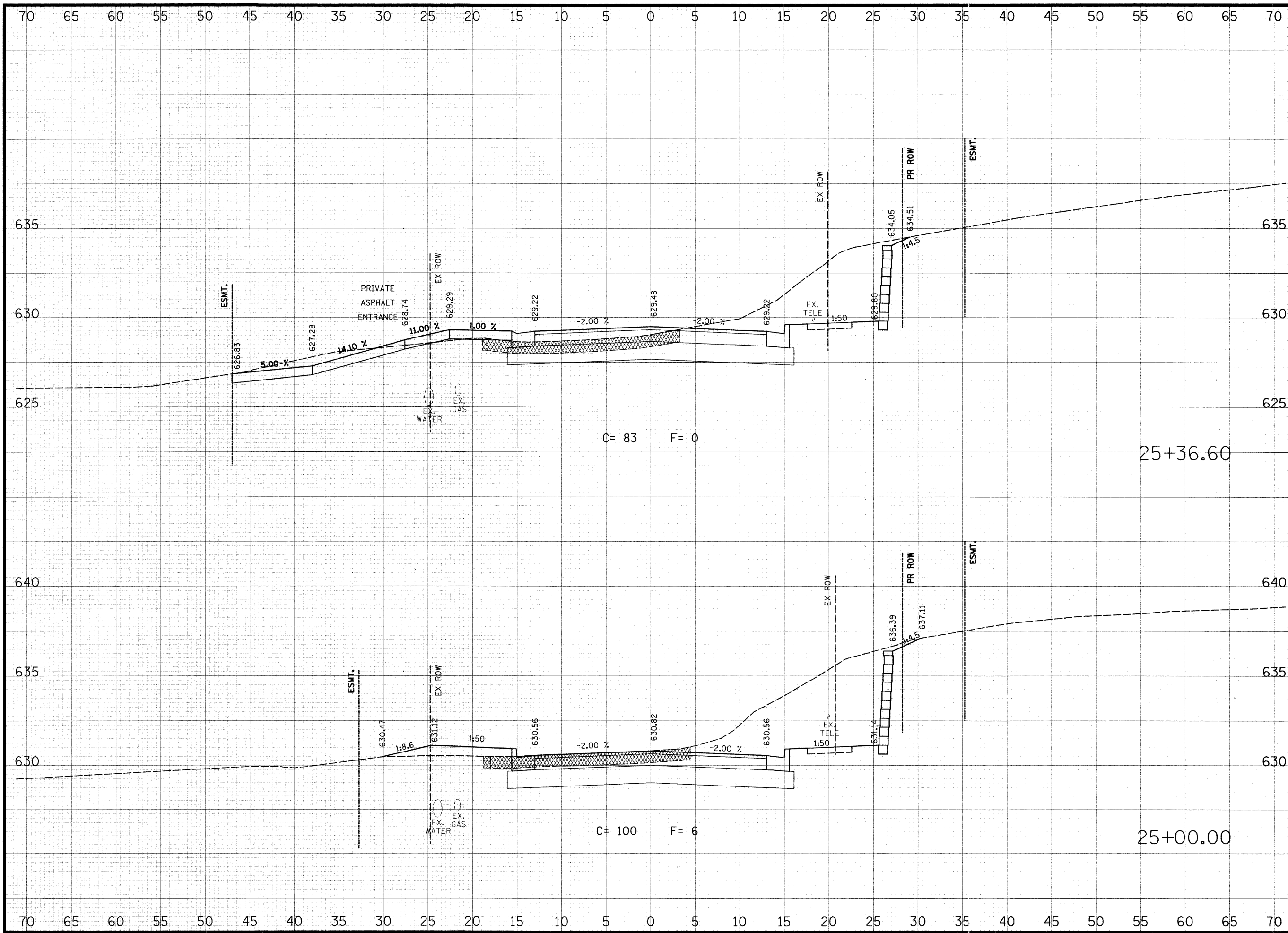
**CROSS SECTIONS**

**PROJECT:** SEIBERT ROAD RECONSTRUCTION - PHASE II VILLAGE OF SHILOH ST. CLAIR COUNTY, ILLINOIS

REV.	DATE	DESCRIPTION

<b>DRAWN BY:</b> MLS	<b>SHEET</b>
<b>DESIGNED BY:</b> MJJ	<b>32</b>
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<b>PROJECT NUMBER:</b> T20010479	SEIBERT ROAD PHASE II RECONSTRUCTION
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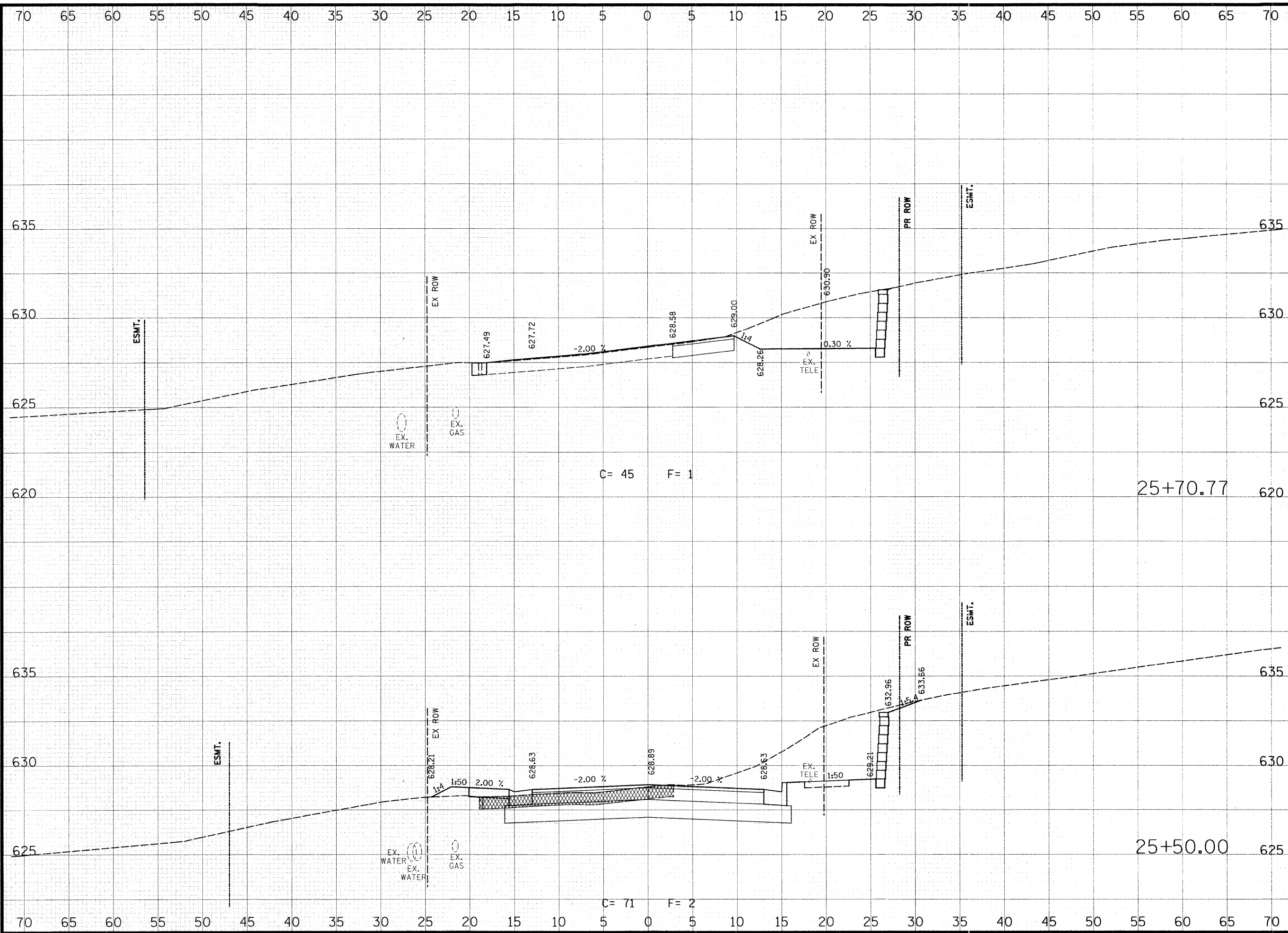
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**SEIBERT ROAD  
RECONSTRUCTION - PHASE II  
VILLAGE OF SHILOH  
ST. CLAIR COUNTY, ILLINOIS**

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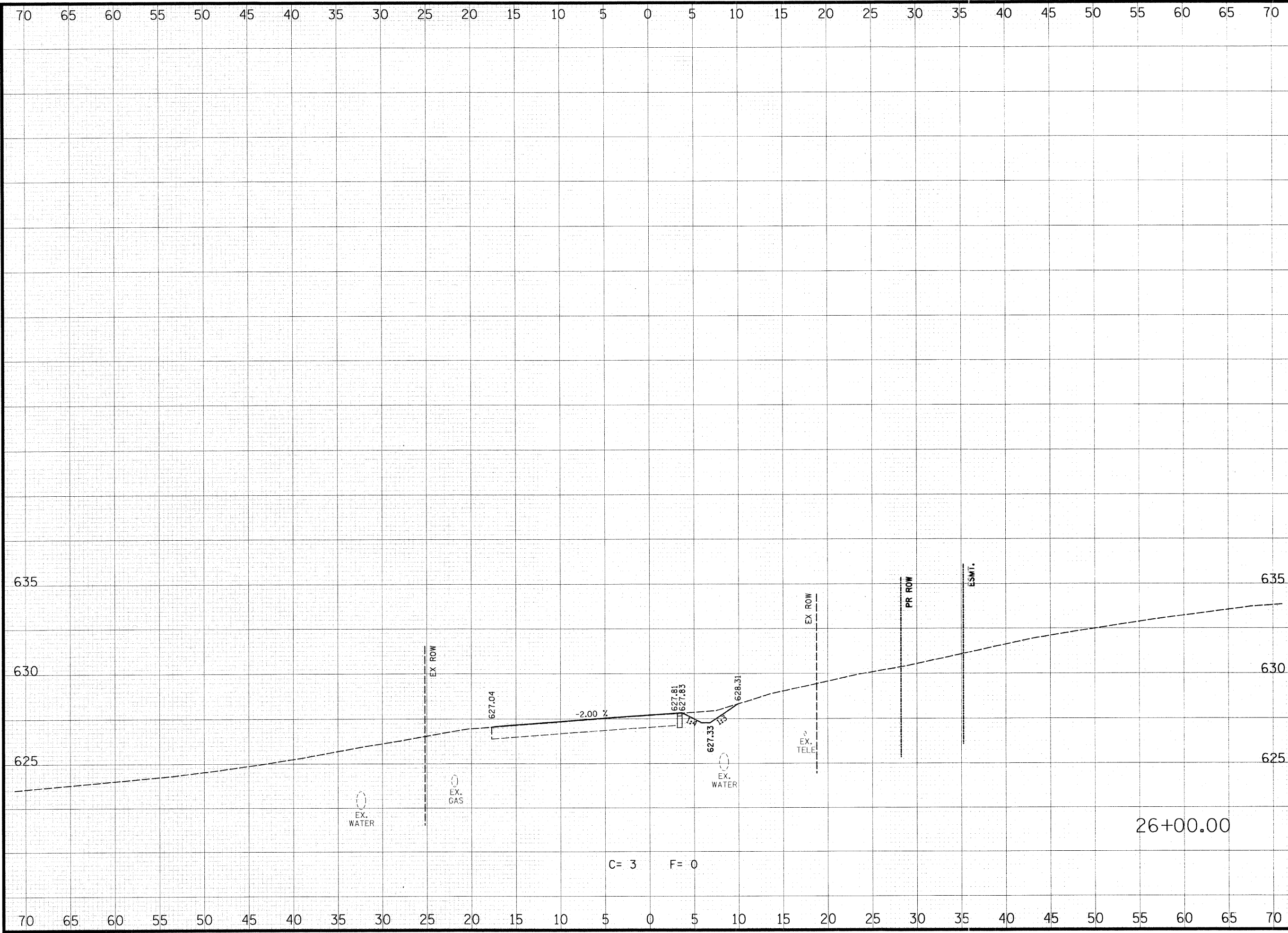
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