



COMMONWEALTH OF KENTUCKY  
TRANSPORTATION CABINET

[www.transportation.ky.gov/](http://www.transportation.ky.gov/)

Andy Beshear  
GOVERNOR

Jim Gray  
SECRETARY

May 14, 2021

CALL NO. 301  
CONTRACT ID NO. 211320  
ADDENDUM # 1

Subject: Gallatin County, FD04 039 0042 003-005  
Letting May 21, 2021

- (1) Revised - Proposal Bid Items - Pages 102-104 of 104
- (2) Revised - Plan Sheets - R2D, R5, R7, R9 and R11

Proposal revisions are available at <http://transportation.ky.gov/Construction-Procurement/>.

If you have any questions, please contact us at 502-564-3500.

Sincerely,

Rachel Mills,

A handwritten signature in cursive script that reads "Rachel Mills".

Rachel Mills, P.E.  
Director  
Division of Construction Procurement

RM:mr  
Enclosures

## PROPOSAL BID ITEMS

Report Date 5/14/21

### Section: 0001 - PAVING

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0010	00001		DGA BASE	9,833.00	TON		\$	
0020	00008		CEMENT STABILIZED ROADBED	30,307.00	SQYD		\$	
0030	00018		DRAINAGE BLANKET-TYPE II-ASPH	5,849.00	TON		\$	
0040	00100		ASPHALT SEAL AGGREGATE	152.00	TON		\$	
0050	00103		ASPHALT SEAL COAT	18.00	TON		\$	
0060	00212		CL2 ASPH BASE 1.00D PG64-22	6,120.00	TON		\$	
0070	00214		CL3 ASPH BASE 1.00D PG64-22	8,347.00	TON		\$	
0080	00301		CL2 ASPH SURF 0.38D PG64-22	1,006.00	TON		\$	
0090	00339		CL3 ASPH SURF 0.38D PG64-22	1,389.00	TON		\$	
0100	00356		ASPHALT MATERIAL FOR TACK	50.00	TON		\$	
0110	00358		ASPHALT CURING SEAL	31.00	TON		\$	
0120	02542		CEMENT	667.00	TON		\$	
0130	02676		MOBILIZATION FOR MILL & TEXT	1.00	LS		\$	
0140	02677		ASPHALT PAVE MILLING & TEXTURING	46.00	TON		\$	
0150	02696		SHOULDER RUMBLE STRIPS	12,524.00	LF		\$	
0160	02702		SAND FOR BLOTTER	77.00	TON		\$	
0170	10030NS		ASPHALT ADJUSTMENT	64,133.00	DOLL	\$1.00	\$	\$64,133.00

### Section: 0002 - ROADWAY

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0180	01987		DELINEATOR FOR GUARDRAIL BI DIRECTIONAL WHITE	135.00	EACH		\$	
0190	02159		TEMP DITCH	5,943.00	LF		\$	
0200	02160		CLEAN TEMP DITCH	5,943.00	LF		\$	
0210	02200		ROADWAY EXCAVATION	59,851.00	CUYD		\$	
0220	02242		WATER	60.00	MGAL		\$	
0230	02360		GUARDRAIL TERMINAL SECTION NO 1	8.00	EACH		\$	
0240	02367		GUARDRAIL END TREATMENT TYPE 1	6.00	EACH		\$	
0250	02371		GUARDRAIL END TREATMENT TYPE 7	1.00	EACH		\$	
0260	02429		RIGHT-OF-WAY MONUMENT TYPE 1	15.00	EACH		\$	
0270	02432		WITNESS POST	15.00	EACH		\$	
0280	02483		CHANNEL LINING CLASS II	388.00	TON		\$	
0290	02545		CLEARING AND GRUBBING (14.96 ACRES)	1.00	LS		\$	
0300	02562		TEMPORARY SIGNS	459.00	SQFT		\$	
0310	02650		MAINTAIN & CONTROL TRAFFIC	1.00	LS		\$	
0320	02671		PORTABLE CHANGEABLE MESSAGE SIGN	4.00	EACH		\$	
0330	02701		TEMP SILT FENCE	6,698.00	LF		\$	
0340	02704		SILT TRAP TYPE B	80.00	EACH		\$	
0350	02705		SILT TRAP TYPE C	15.00	EACH		\$	
0360	02707		CLEAN SILT TRAP TYPE B	80.00	EACH		\$	
0370	02708		CLEAN SILT TRAP TYPE C	15.00	EACH		\$	
0380	02726		STAKING	1.00	LS		\$	
0383	02731		REMOVE STRUCTURE (RCBC STA 17+30) (ADDED: 5-14-21)	1.00	LS		\$	

**PROPOSAL BID ITEMS**

Report Date 5/14/21

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0384	02731		REMOVE STRUCTURE (RCBC STA 29+75) (ADDED: 5-14-21)	1.00	LS		\$	
0385	02731		REMOVE STRUCTURE (RCBC STA 47+00) (ADDED: 5-14-21)	1.00	LS		\$	
0386	02731		REMOVE STRUCTURE (RCBC STA 52+75) (ADDED: 5-14-21)	1.00	LS		\$	
0387	02731		REMOVE STRUCTURE (RCBC STA 60+70) (ADDED: 5-14-21)	1.00	LS		\$	
0390	05950		EROSION CONTROL BLANKET	58,329.00	SQYD		\$	
0400	05952		TEMP MULCH	273,602.00	SQYD		\$	
0410	05953		TEMP SEEDING AND PROTECTION	273,602.00	SQYD		\$	
0420	05963		INITIAL FERTILIZER	2.00	TON		\$	
0430	05964		MAINTENANCE FERTILIZER	3.00	TON		\$	
0440	05985		SEEDING AND PROTECTION	95,205.00	SQYD		\$	
0450	05989		SPECIAL SEEDING CROWN VETCH	59,466.00	SQYD		\$	
0460	05992		AGRICULTURAL LIMESTONE	37.00	TON		\$	
0470	06514		PAVE STRIPING-PERM PAINT-4 IN	25,195.00	LF		\$	
0480	06568		PAVE MARKING-THERMO STOP BAR-24IN	45.00	LF		\$	
0490	10020NS		FUEL ADJUSTMENT	54,257.00	DOLL	\$1.00	\$	\$54,257.00
0500	20191ED		OBJECT MARKER TY 3	5.00	EACH		\$	
0510	21802EN		G/R STEEL W BEAM-S FACE (7 FT POST)	6,730.00	LF		\$	
0520	23274EN11F		TURF REINFORCEMENT MAT 1	1,317.00	SQYD		\$	
0530	25078ED		THRIE BEAM GUARDRAIL TRANSITION TL-3	1.00	EACH		\$	

**Section: 0003 - DRAINAGE**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0540	00078		CRUSHED AGGREGATE SIZE NO 2	4.00	TON		\$	
0550	00462		CULVERT PIPE-18 IN	216.00	LF		\$	
0560	00464		CULVERT PIPE-24 IN	427.00	LF		\$	
0570	01007		PERFORATED PIPE EDGE DRAIN-8 IN	9,350.00	LF		\$	
0580	01012		NON-PERFORATED PIPE-8 IN	224.00	LF		\$	
0590	01015		INSPECT & CERTIFY EDGE DRAIN SYSTEM	1.00	LS		\$	
0600	01022		PERF PIPE HEADWALL TY 1-8 IN	2.00	EACH		\$	
0610	01026		PERF PIPE HEADWALL TY 2-8 IN	2.00	EACH		\$	
0620	01204		PIPE CULVERT HEADWALL-18 IN	3.00	EACH		\$	
0630	01208		PIPE CULVERT HEADWALL-24 IN	8.00	EACH		\$	
0640	01450		S & F BOX INLET-OUTLET-18 IN	1.00	EACH		\$	
0650	01451		S & F BOX INLET-OUTLET-24 IN	1.00	EACH		\$	
0660	01535		DROP BOX INLET TYPE 6F	10.00	EACH		\$	
0670	01742		CORED HOLE DRAINAGE BOX CON-8 IN	13.00	EACH		\$	
0680	02607		FABRIC-GEOTEXTILE CLASS 2 FOR PIPE	1,302.00	SQYD	\$2.00	\$	\$2,604.00
0690	08100		CONCRETE-CLASS A	45.00	CUYD		\$	
0700	08150		STEEL REINFORCEMENT	2,915.00	LB		\$	
0710	20092ES611		PRECAST CONCRETE BOX CULVERT	430.00	LF		\$	

**PROPOSAL BID ITEMS**

Report Date 5/14/21

**Section: 0004 - RETAINING WALL**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0720	02274		FENCE-6 FT CHAIN LINK	2,895.00	LF		\$	
0730	02572		QUALITY CONTROL	1.00	LS		\$	
0740	08003		FOUNDATION PREPARATION	1.00	LS		\$	
0750	08018		RETAINING WALL	74,829.00	SQFT		\$	
0760	20610NC		INSTRUMENTATION	1.00	LS		\$	

**Section: 0005 - DEMOBILIZATION &/OR MOBILIZATION**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0770	02568		MOBILIZATION	1.00	LS		\$	
0780	02569		DEMOBILIZATION	1.00	LS		\$	

**GENERAL SUMMARY**

COUNTY OF	ITEM NO.	SHEET NO.
GALLATIN	06-0202.00	R2D

**NOTES:**

ALL ASPHALT MIXTURES SHALL BE ESTIMATED AT 110 LBS. PER SQ. YD. PER INCH OF DEPTH UNLESS NOTED OTHERWISE.  
 ESTIMATED AT 50 THOUSAND GALLONS PER MILE.  
 USED FOR CONTROLLING DUST CAUSED BY MAINTAINING TRAFFIC ONLY.  
 ESTIMATED AT 111LBS PER CU. FT.  
 USED ON SLOPES 3:1 OR GREATER  
 ESTIMATED AT 100 LBS. EA.  
 NITROGEN, PHOSPHATE, POTASH PER ACRE  
 ESTIMATED AT 11.5 LBS PER 1000 SQ. FT.  
 ESTIMATED AT 3 TONS PER ACRE  
 ESTIMATED AT 14.96 ACRES  
 CALCULATED FROM KYTC FUEL ADJUSTMENT WORKSHEET  
 QUANTITIES SHOWN 3 TIMES CALCULATED VALUE FOR LENGTH OF PROJECT AND FLOODING POSSIBILITIES PER RECOMMENDATION OF PROJECT MANAGER  
 TOTAL INCLUDES 3694 CUYD BENCH  
 21-27  
 29-30-38  
 NOT USED THIS SHEET

<i>Earthwork Quantities</i>	
<i>Sta. 07+50 to 70+60</i>	
<i>Emb Bench = 3694</i>	
<i>Com = 56157</i>	
<i>Emb = 19881</i>	

ITEM	DESCRIPTION	UNIT	US 42	GRIDLEY	KNOX LILLARD	TOTAL
01987	DELINEATOR FOR GUARDRAIL B/W	EA	135			135
02200	ROADWAY EXCAVATION	CUYD	3694			59851
02242	WATER	M. GAL	60			60
21802EN	G/R STEEL W BEAM S FACE (7 FT POST)	LF	6730			6730
02360	GUARDRAIL TERMINAL SECTION NO 1	EA	8			8
02367	THRIE BEAM GUARDRAIL TRANSITION TL-3	EA	1			1
02371	GUARDRAIL END TREATMENT TYPE 1	EA	6			6
02371	GUARDRAIL END TREATMENT TYPE 7	EA	1			1
02429	RIGHT OF WAY MONUMENT TY 1	EA	15			15
02432	WITNESS POST	EA	15			15
02483	CHANNEL LINING CLASS II	TON	388			388
02562	TEMPORARY SIGNS	SOFT	459			459
02568	MOBILIZATION	LS	1			1
02569	DEMOBILIZATION	LS	1			1
02701	TEMPORARY SILT FENCE	LF	6698			6698
02704	SILT TRAP TYPE B	EA	80			80
02705	SILT TRAP TYPE C	EA	15			15
02707	CLEAN SILT TRAP TYPE B	EA	80			80
02708	CLEAN SILT TRAP TYPE C	EA	15			15
05950	EROSION CONTROL BLANKET	SOYD	58329			58329
05952	TEMPORARY MULCH	SOYD	273602			273602
05953	TEMPORARY SEED & PROTECTION	SOYD	273602			273602
05963	INITIAL FERTILIZER	TON	2			2
05964	MAINTENANCE FERTILIZER	TON	3			3
05989	SPECIAL SEEDING CROWN VETCH	SOYD	59466			59466
05992	AGRICULTURE LIMESTONE	TON	37			37
06514	PAVE STRIPING-PERM PAINT-4 IN	LF	25195			25195
06568	PAVE MARKING-THERMO STOP BAR-24IN	LF		20	25	45
23274ENIIF	TURF REINFORCEMENT MAT TYPE 1	SOYD	1317			1317
10020NS	FUEL ADJUSTMENT	DOLL	54257			54257
2019IED	OBJECT MARKER TY 3	EA	5			5
02545	CLEARING AND GRUBING	LS	1			1
02650	MAINTAIN & CONTROL TRAFFIC	LS	1			1
02726	STAKING	LS	1			1
02671	PORTABLE CHANGEABLE MESSAGE SIGN	EACH	4			4
02159	TEMPORARY DITCH	LF	5943			5943
02160	CLEAN TEMP DITCH	LF	5943			5943
05985	SEEDING AND PROTECTION	SOYD	95205			95205
02731	REMOVE STRUCTURE (RCBC) - STA 17+30	LS	1			1
02731	REMOVE STRUCTURE (RCBC) - STA 29+75	LS	1			1
02731	REMOVE STRUCTURE (RCBC) - STA 47+00	LS	1			1
02731	REMOVE STRUCTURE (RCBC) - STA 52+75	LS	1			1
02731	REMOVE STRUCTURE (RCBC) - STA 60+70	LS	1			1

FILE NAME: C:\P\WORK\KYLE\MCAHON\196727R0020DSU.DGN

DATE PLOTTED: February 16, 2021  
 USER: kyle.mcahahon

E-SHEET NAME: R0020DSU

MicroStation v10.15.0.74

## GENERAL SUMMARY

COUNTY OF	ITEM NO.	SHEET NO.
GALLATIN	06-0202.00	R2D

REVISED 5-13-21

**NOTES:**

ALL ASPHALT MIXTURES SHALL BE ESTIMATED AT 110 LBS. PER SQ. YD. PER INCH OF DEPTH UNLESS NOTED OTHERWISE.

28 ESTIMATED AT 50 THOUSAND GALLONS PER MILE. USED FOR CONTROLLING DUST CAUSED BY MAINTAINING TRAFFIC ONLY.

31 ESTIMATED AT 111 LBS PER CU. FT.

32 USED ON SLOPES 3:1 OR GREATER

33 ESTIMATED AT 100 LBS. EA. NITROGEN, PHOSPHATE, POTASH PER ACRE

34 ESTIMATED AT 11.5 LBS PER 1000 SQ. FT.

35 ESTIMATED AT 3 TONS PER ACRE

36 ESTIMATED AT 14.96 ACRES

37 CALCULATED FROM KYTC FUEL ADJUSTMENT WORKSHEET

39 QUANTITIES SHOWN 3 TIMES CALCULATED VALUE FOR LENGTH OF PROJECT AND FLOODING POSSIBILITIES PER RECOMMENDATION OF PROJECT MANAGER

40 TOTAL INCLUDES 3694 CUYD BENCH  
21-27 NOT USED THIS SHEET  
29-30-38

<i>Earthwork Quantities</i>	
<u>Sta. 07+50 to 70+60</u>	
Emb Bench =	3694
Com =	56157
Emb =	19881

ITEM	DESCRIPTION	UNIT	US 42	GRIDLEY	KNOX LILLARD	TOTAL
01987	DELINEATOR FOR GUARDRAIL B/W	EA	135			135
02200	ROADWAY EXCAVATION	CUYD	3694	56157		59851
02242	WATER	M. GAL	60			60
21802EN	G/R STEEL W BEAM S FACE (7 FT POST)	LF	6730			6730
02360	GUARDRAIL TERMINAL SECTION NO 1	EA	8			8
02367	THRIE BEAM GUARDRAIL TRANSITION TL-3	EA	1			1
02371	GUARDRAIL END TREATMENT TYPE 1	EA	6			6
02371	GUARDRAIL END TREATMENT TYPE 7	EA	1			1
02429	RIGHT OF WAY MONUMENT TY 1	EA	15			15
02432	WITNESS POST	EA	15			15
02483	CHANNEL LINING CLASS II	TON	388			388
02562	TEMPORARY SIGNS	SOFT	459			459
02568	MOBILIZATION	LS	1			1
02569	DEMOBILIZATION	LS	1			1
02701	TEMPORARY SILT FENCE	LF	6698			6698
02704	SILT TRAP TYPE B	EA	80			80
02705	SILT TRAP TYPE C	EA	15			15
02707	CLEAN SILT TRAP TYPE B	EA	80			80
02708	CLEAN SILT TRAP TYPE C	EA	15			15
05950	EROSION CONTROL BLANKET	SOYD	58329			58329
05952	TEMPORARY MULCH	SOYD	273602			273602
05953	TEMPORARY SEED & PROTECTION	SOYD	273602			273602
05963	INITIAL FERTILIZER	TON	2			2
05964	MAINTENANCE FERTILIZER	TON	3			3
05989	SPECIAL SEEDING CROWN VETCH	SOYD	59466			59466
05992	AGRICULTURE LIMESTONE	TON	37			37
06514	PAVE STRIPING-PERM PAINT-4 IN	LF	25195			25195
06568	PAVE MARKING-THERMO STOP BAR-24IN	LF		20	25	45
23274ENIIF	TURF REINFORCEMENT MAT TYPE 1	SOYD	1317			1317
10020NS	FUEL ADJUSTMENT	DOLL	54257			54257
2019IED	OBJECT MARKER TY 3	EA	5			5
02545	CLEARING AND GRUBING	LS	1			1
02650	MAINTAIN & CONTROL TRAFFIC	LS	1			1
02726	STAKING	LS	1			1
02671	PORTABLE CHANGEABLE MESSAGE SIGN	EACH	4			4
02159	TEMPORARY DITCH	LF	5943			5943
02160	CLEAN TEMP DITCH	LF	5943			5943
05985	SEEDING AND PROTECTION	SOYD	95205			95205
02731	REMOVE STRUCTURE (RCBC) - STA 17+30	LS	1			1
02731	REMOVE STRUCTURE (RCBC) - STA 29+75	LS	1			1
02731	REMOVE STRUCTURE (RCBC) - STA 47+00	LS	1			1
02731	REMOVE STRUCTURE (RCBC) - STA 52+75	LS	1			1
02731	REMOVE STRUCTURE (RCBC) - STA 60+70	LS	1			1

FILE NAME: C:\P\WORK\KYLE\MCA\HONID1196727R0020DSU.DGN

DATE PLOTTED: February 16, 2021  
USER: kyle.mcmahon

E-SHEET NAME: R0020DSU

MicroStation v10.15.0.74



15+00

20+00

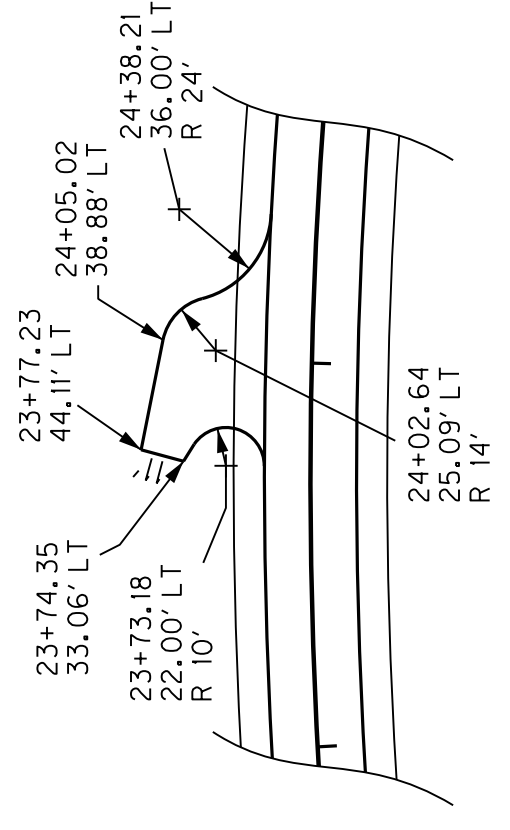
25+00

28+00

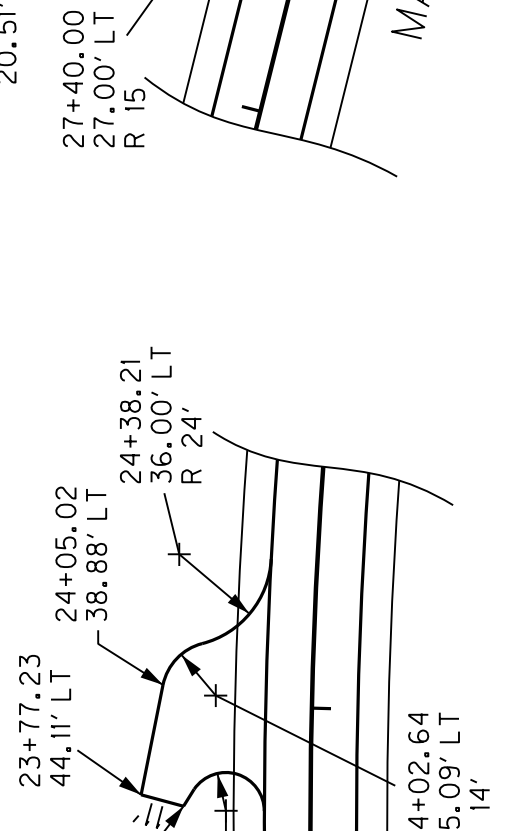
ITEM	DESCRIPTION	UNIT	TOTAL
05952	TEMPORARY MULCH	SOYD	21396
05953	TEMPORARY SEEDING & PROTECTION	SOYD	21396
05963	INITIAL FERTILIZER	TON	0.45
05964	MAINTENANCE FERTILIZER	TON	0.75
05985	SEEDING & PROTECTION	SOYD	6914
05989	SPECIAL SEEDING CROWN VETCH	SOYD	14482
05992	AGRICULTURE LIMESTONE	TON	8.98

ERICA LYNN WEBSTER (NKA ERICA LYNN WEBSTER CARPENTER)

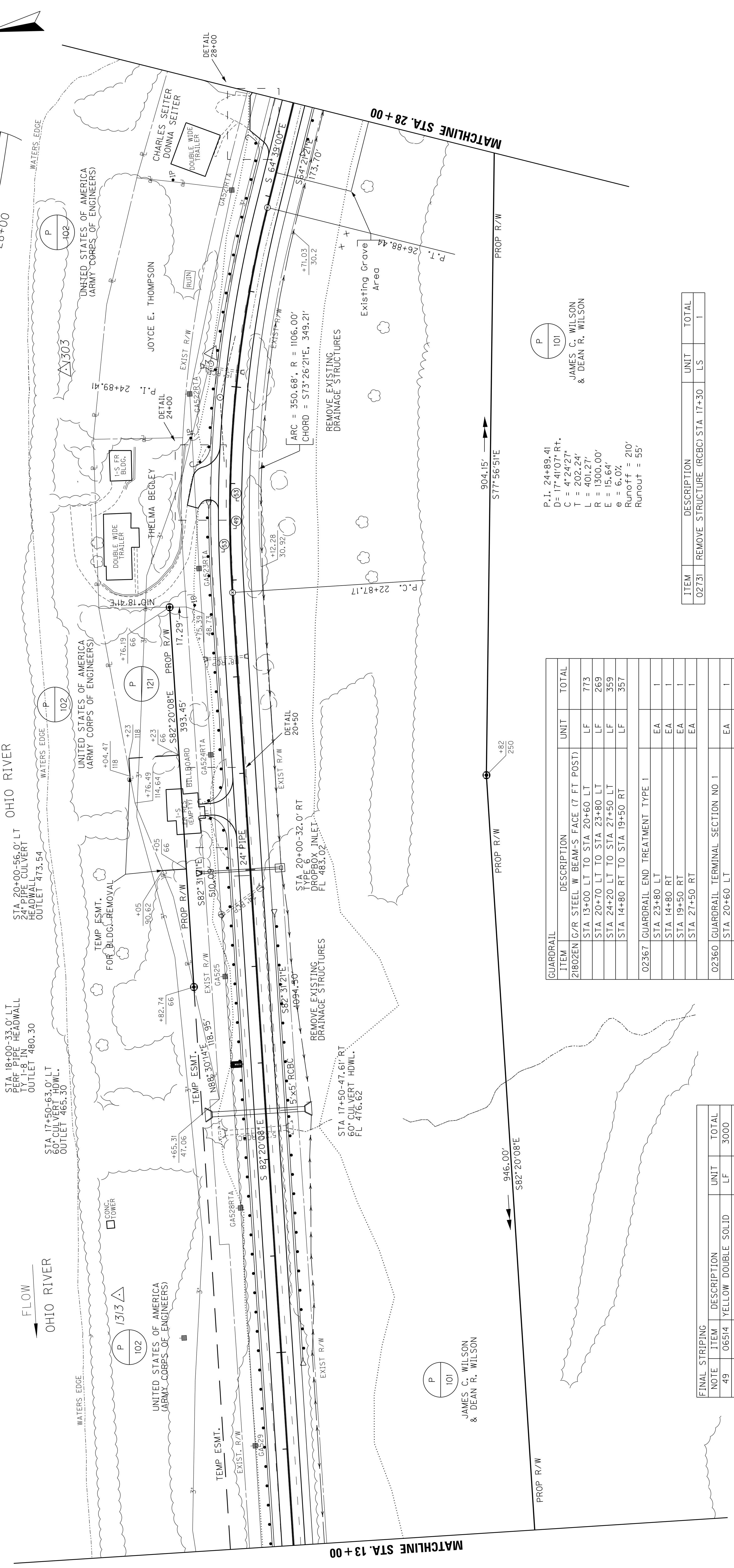
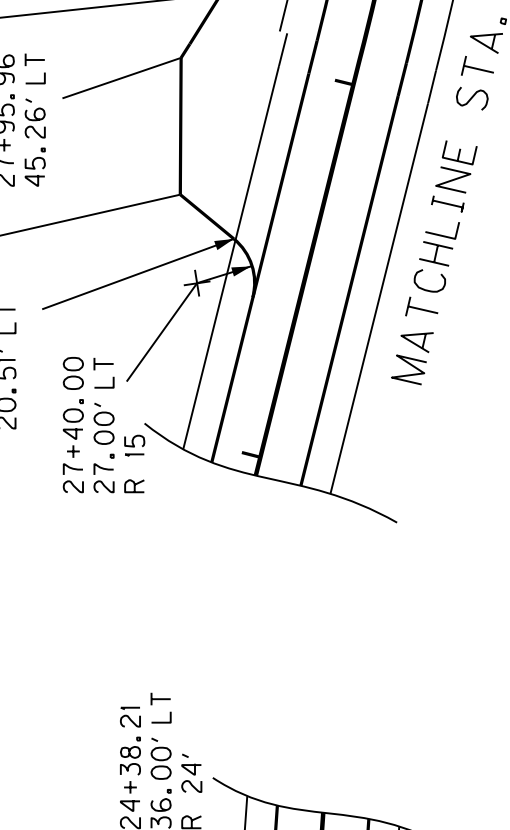
DETAIL 20+50



DETAIL 24+00



DETAIL 28+00



ITEM	DESCRIPTION	UNIT	TOTAL
21802EN	G/R STEEL W BEAM-S FACE (7 FT POST)		
	STA 13+00 LT TO STA 20+60 LT	LF	773
	STA 20+70 LT TO STA 23+80 LT	LF	269
	STA 24+20 LT TO STA 27+50 LT	LF	359
	STA 14+80 RT TO STA 19+50 RT	LF	357
02367	GUARDRAIL END TREATMENT TYPE 1		
	STA 23+80 LT	EA	1
	STA 14+80 RT	EA	1
	STA 19+50 RT	EA	1
	STA 27+50 RT	EA	1
02360	GUARDRAIL TERMINAL SECTION NO 1		
	STA 20+60 LT	EA	1
	STA 20+70 LT	EA	1
	STA 24+20 LT	EA	1
	STA 27+50 LT	EA	1
01987	DELINEATOR FOR GUARDRAIL B/W	EA	35

NOTE	ITEM	DESCRIPTION	UNIT	TOTAL
49	06514	YELLOW DOUBLE SOLID	LF	3000
53	06514	WHITE SINGLE SOLID 4"	LF	3000
ITEM		DESCRIPTION	UNIT	TOTAL
02432		WITNESS POST	EA	3
02429		RIGHT OF WAY MONUMENT TY 1	EA	3

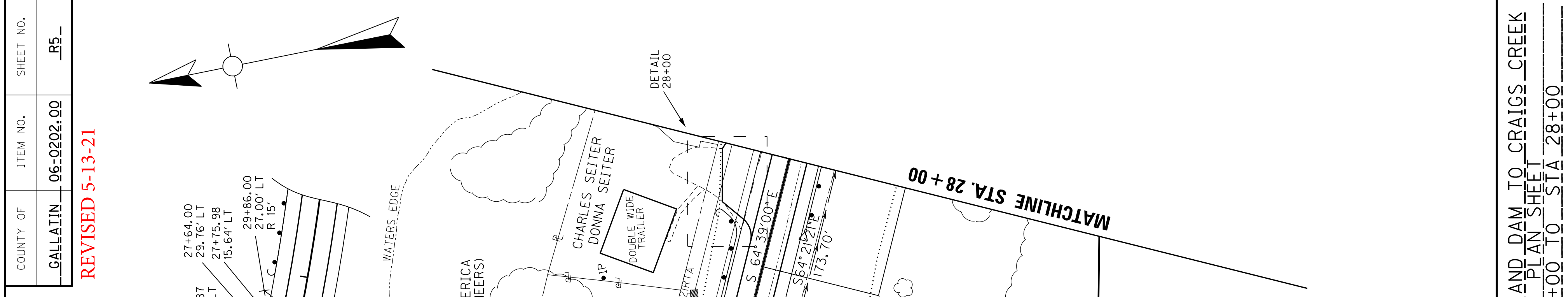
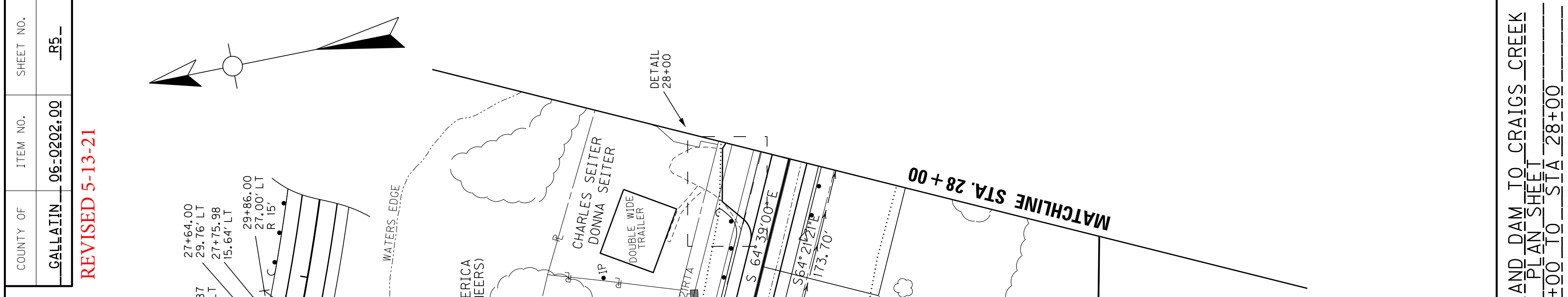
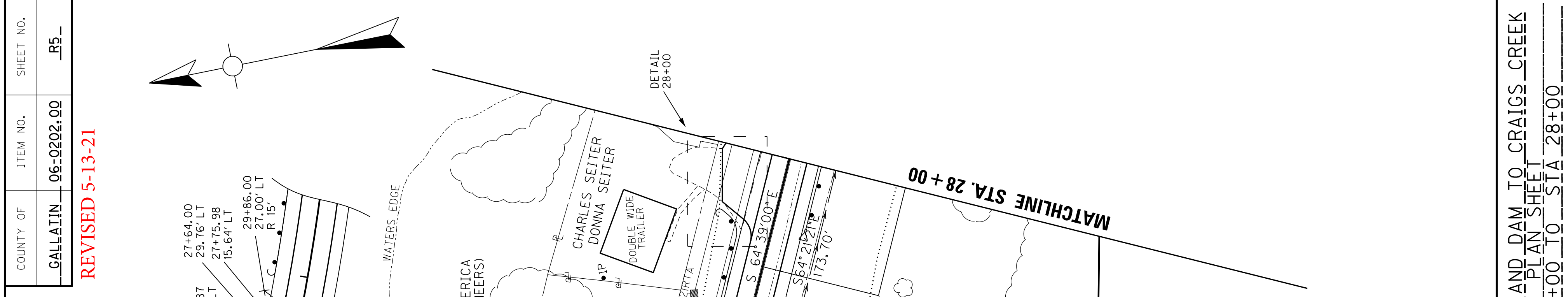
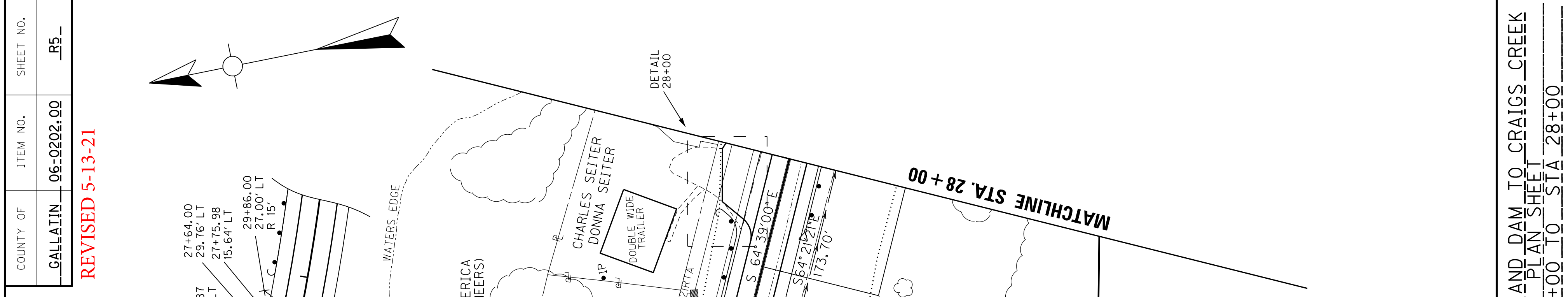
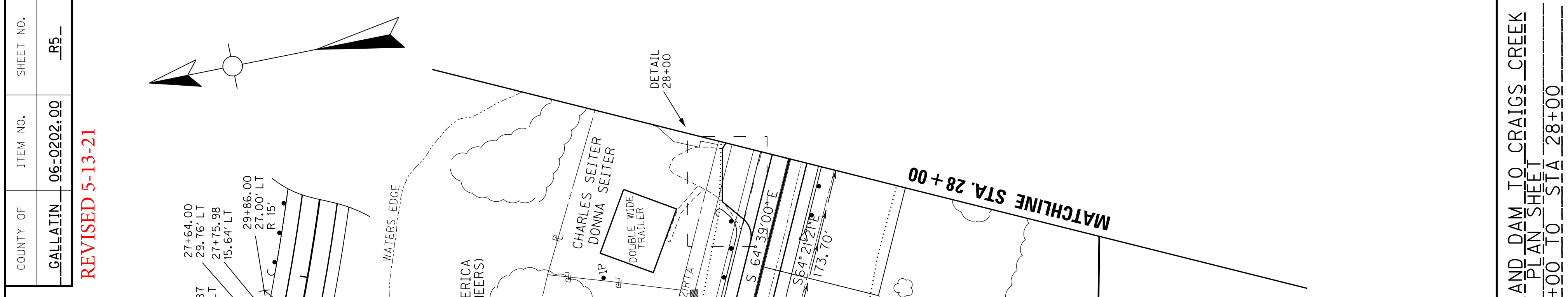
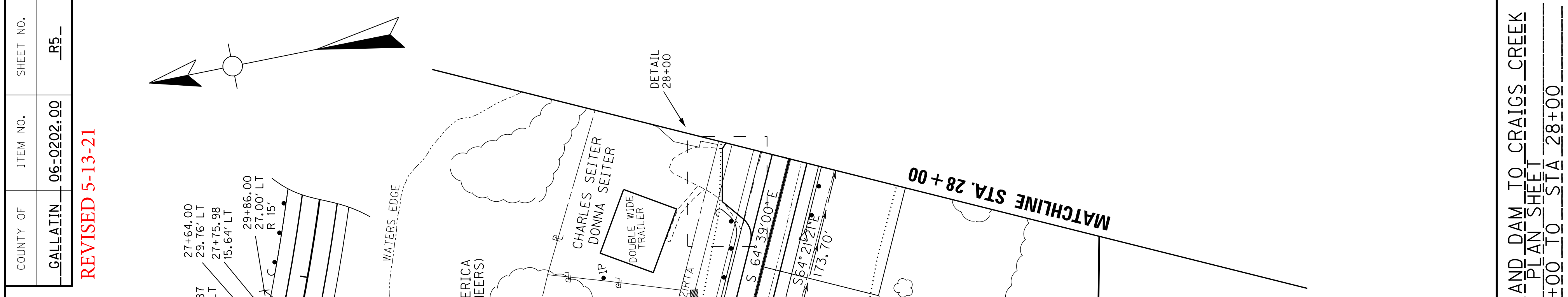
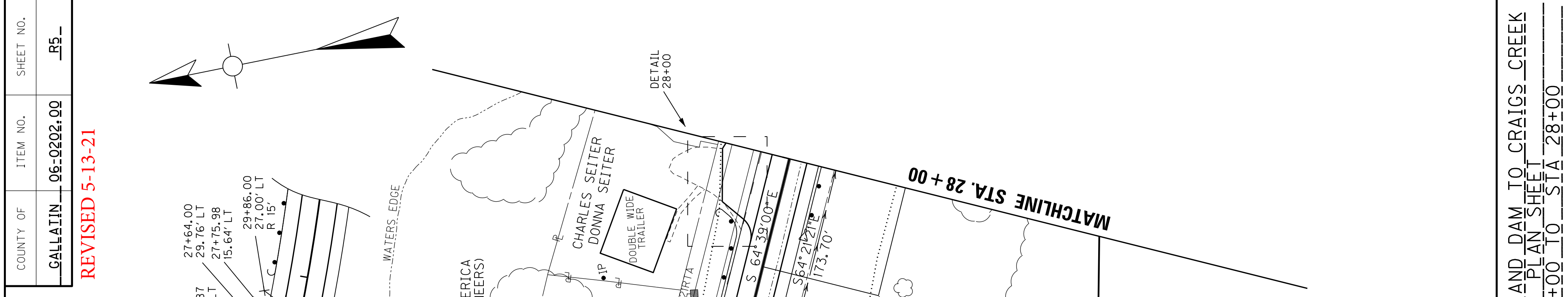
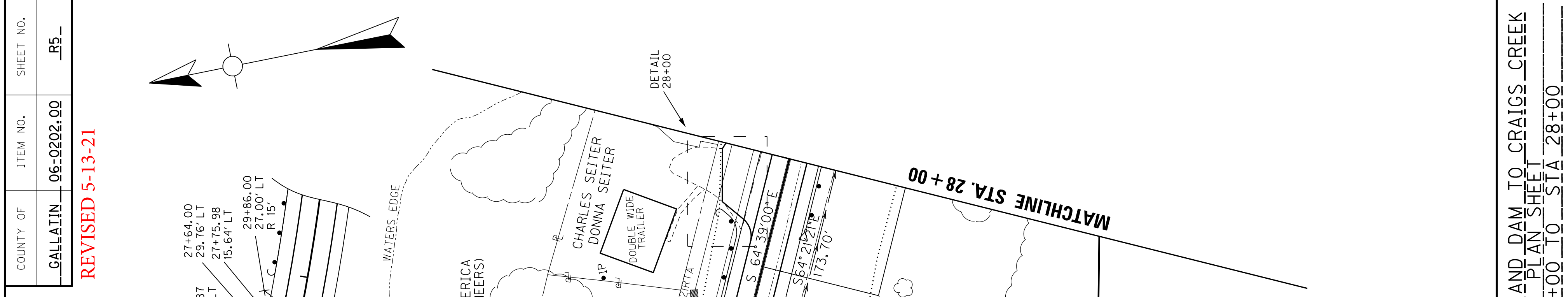
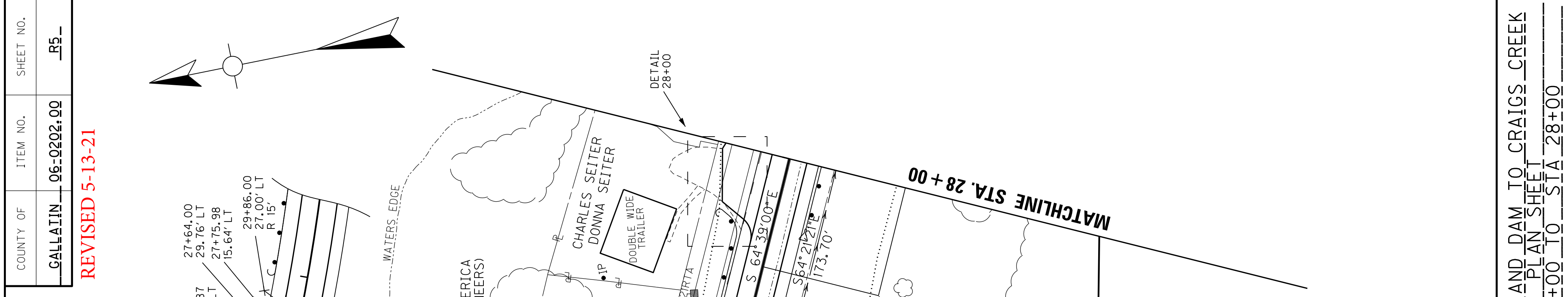
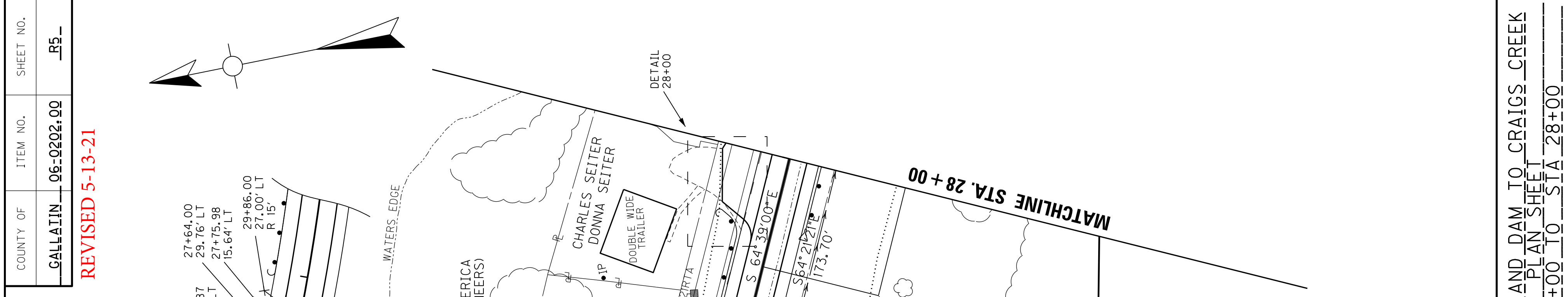
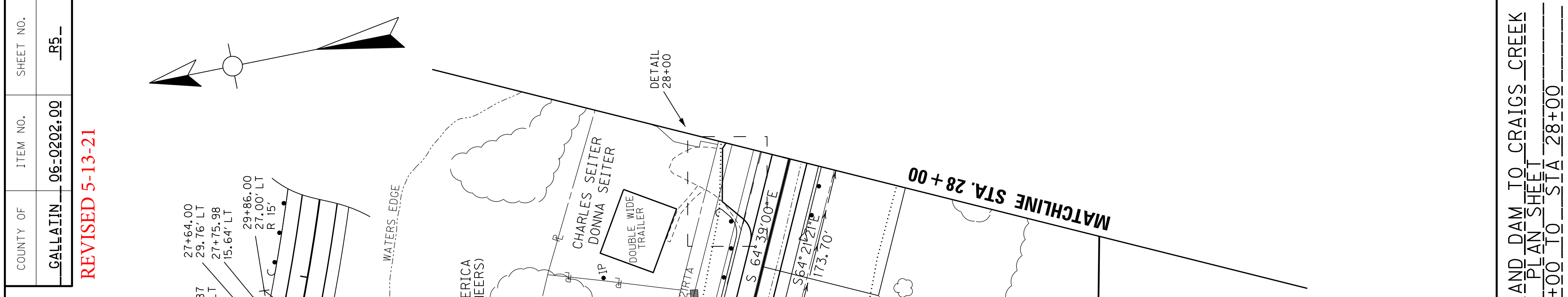
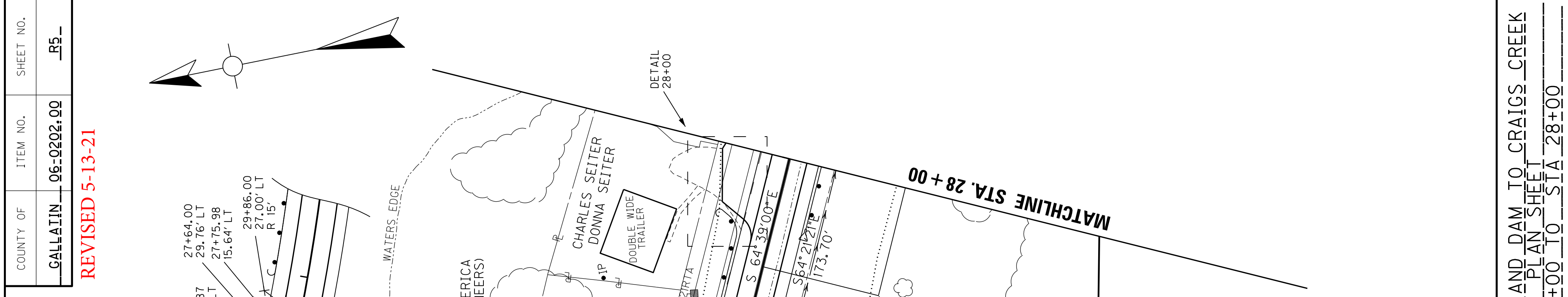
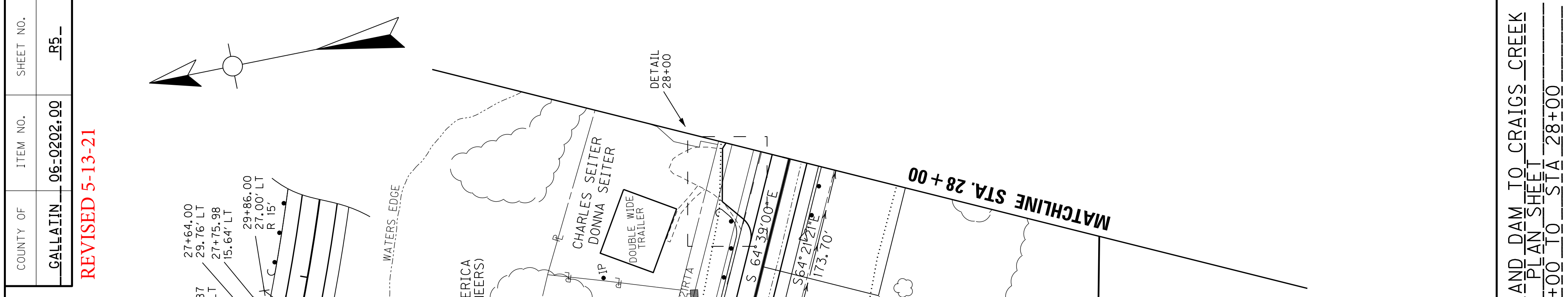
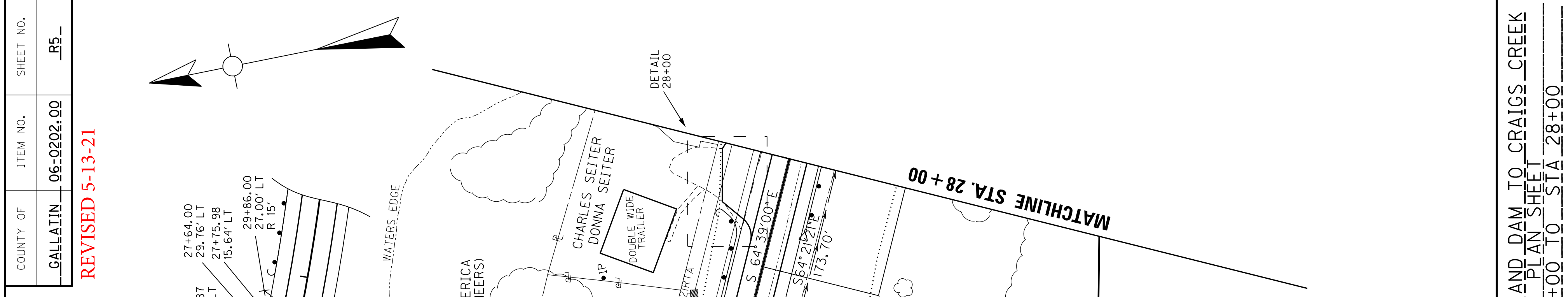
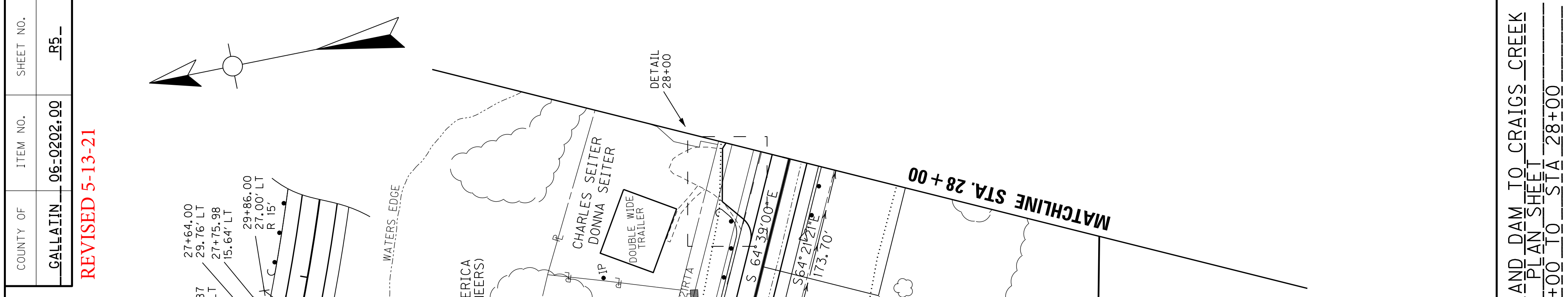
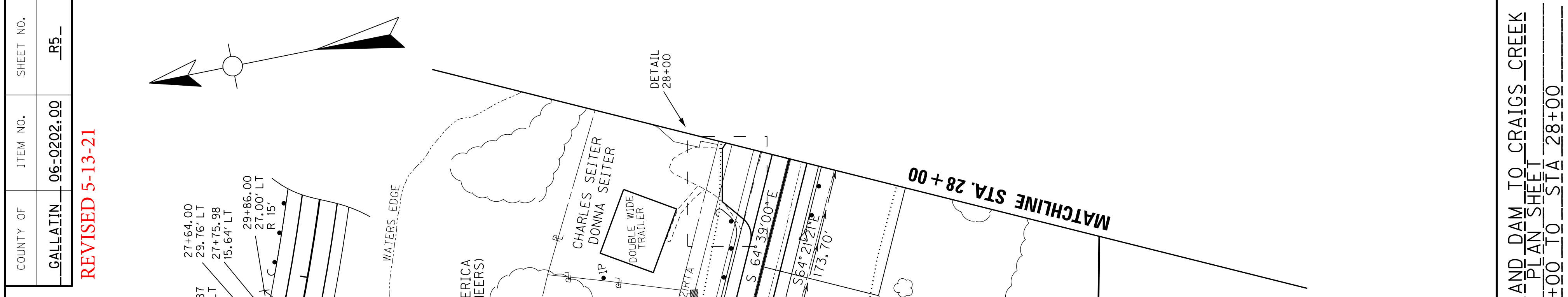
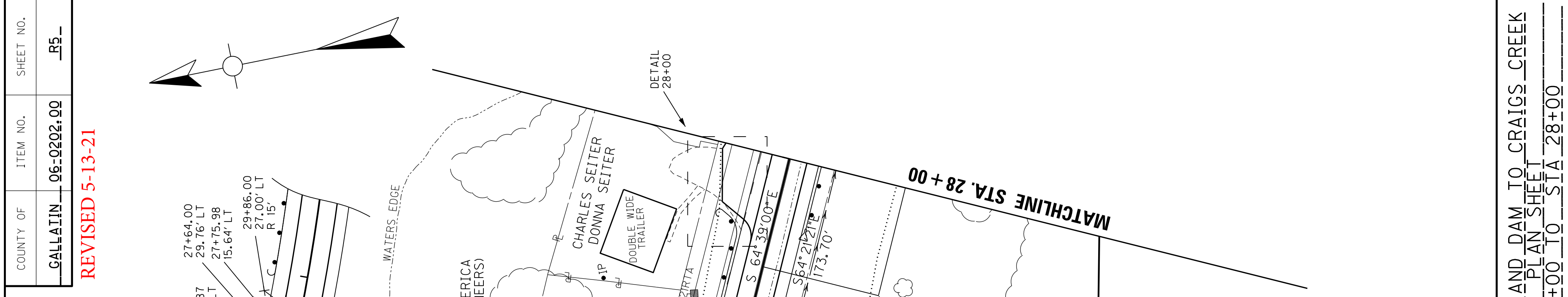
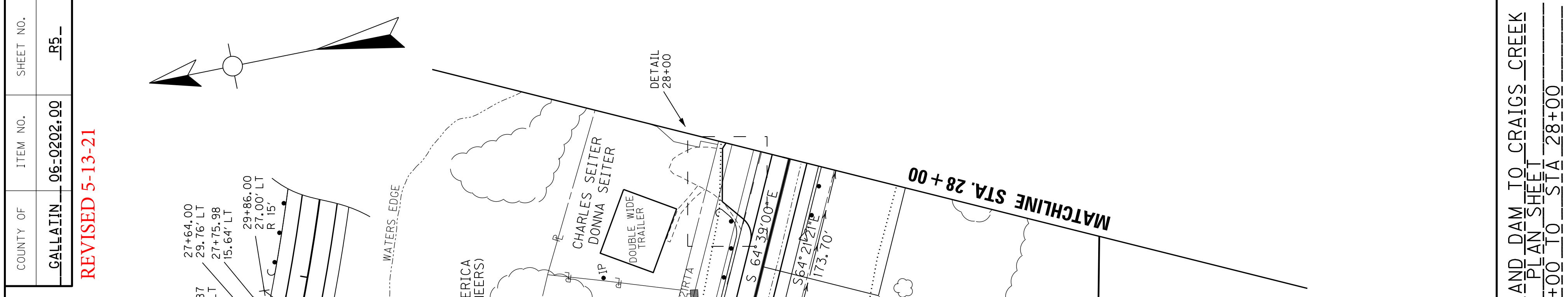
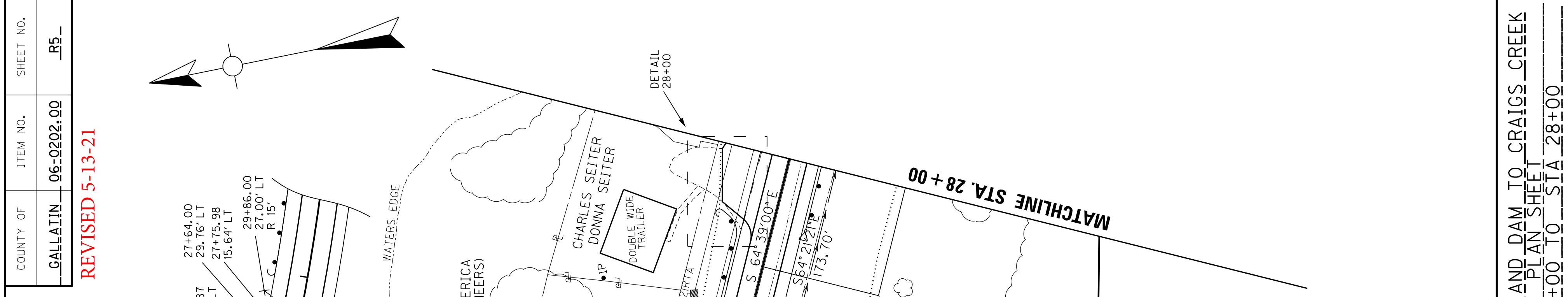
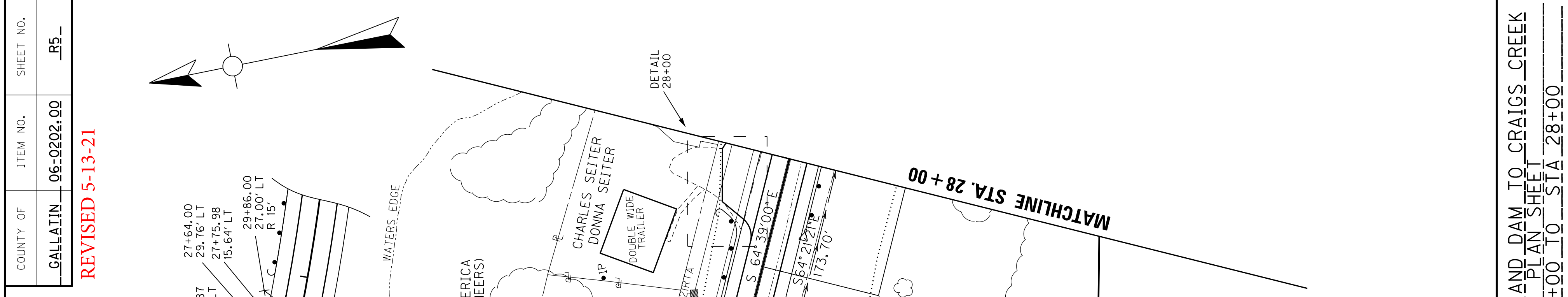
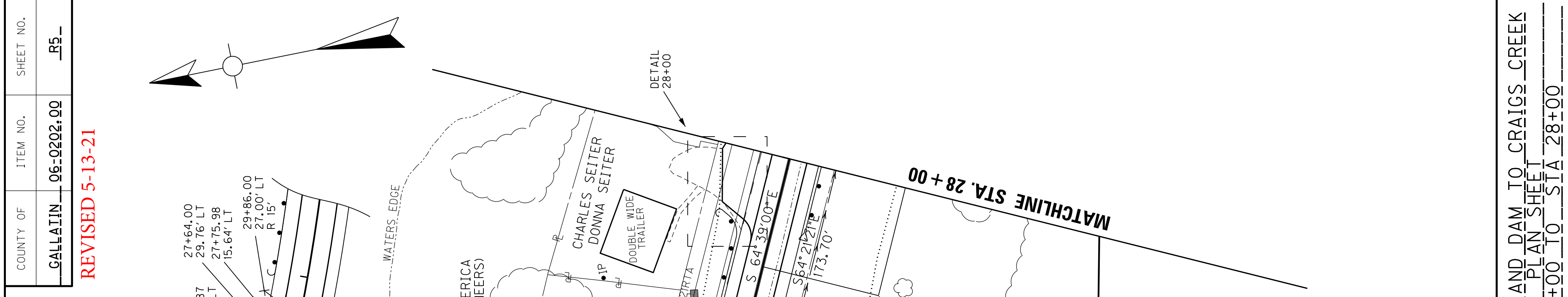
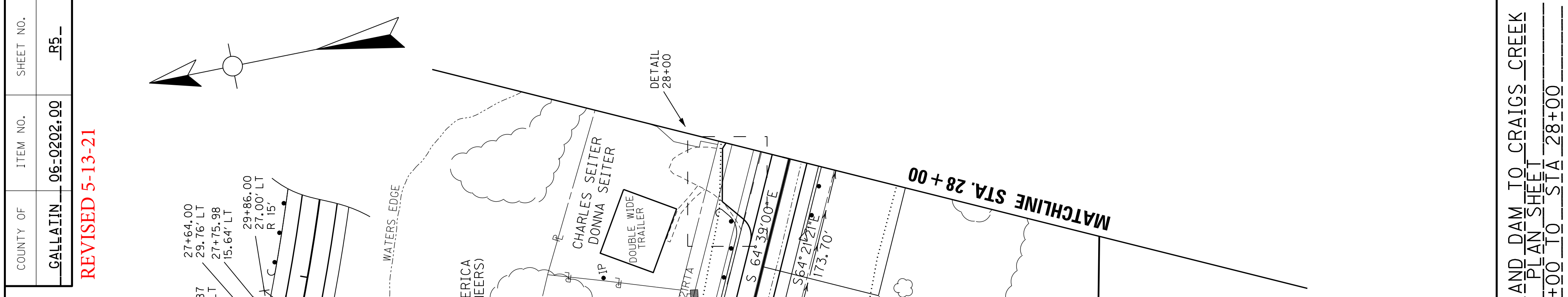
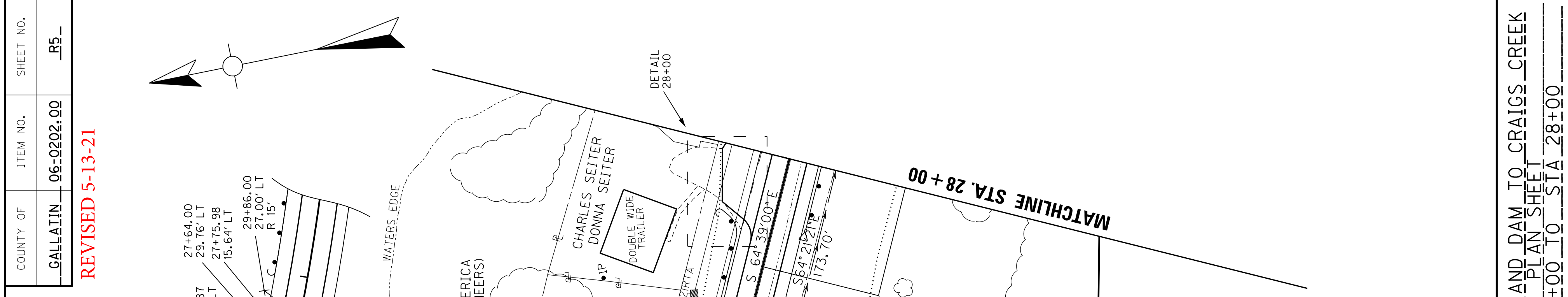
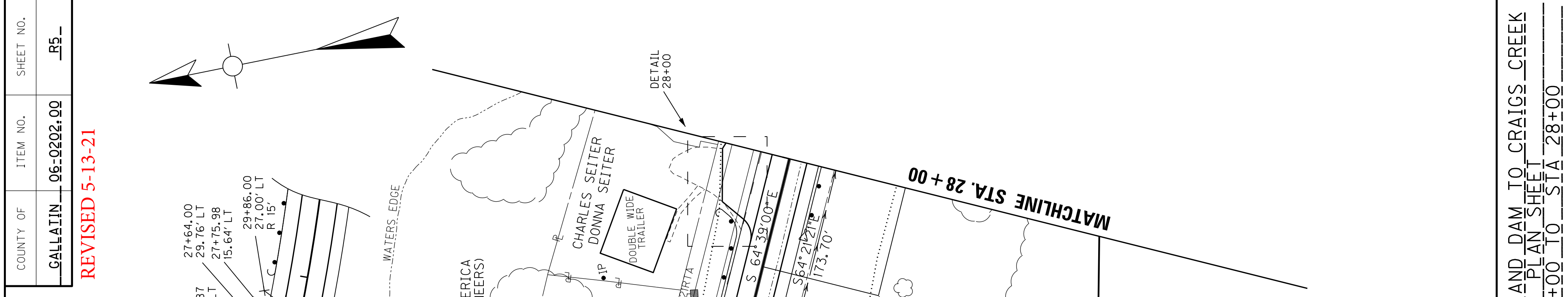
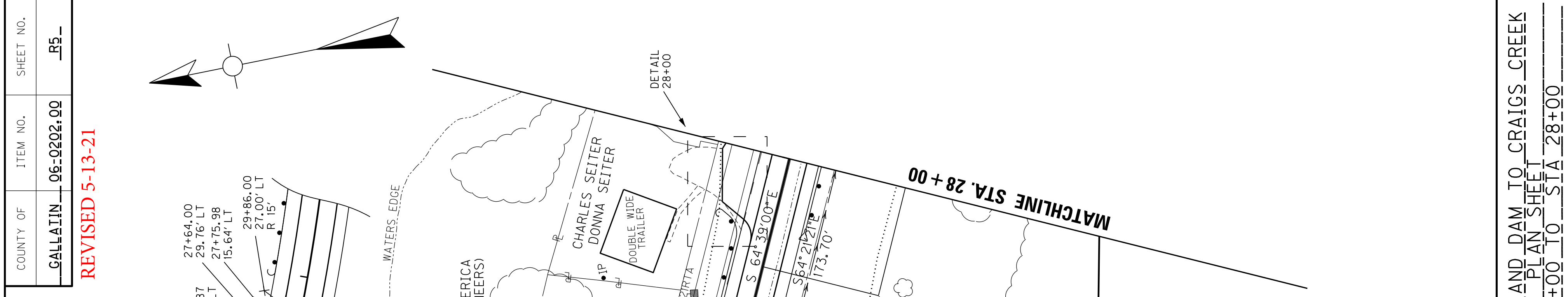
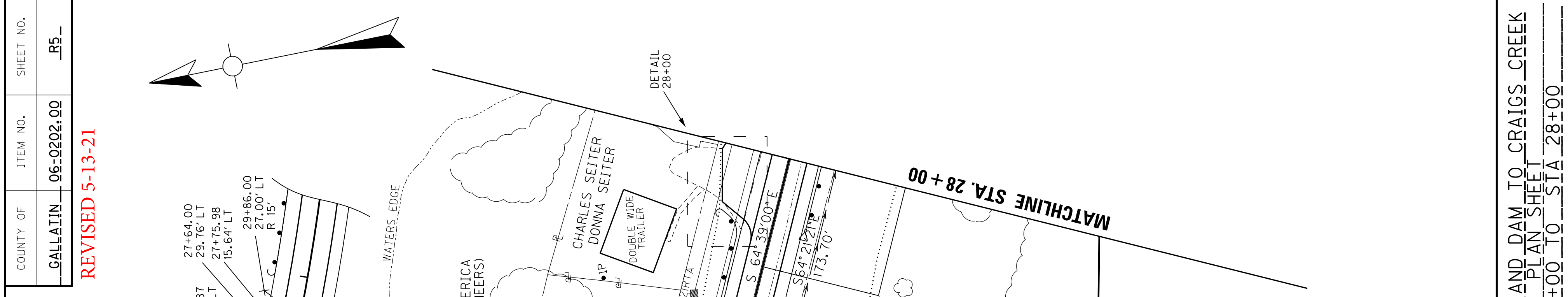
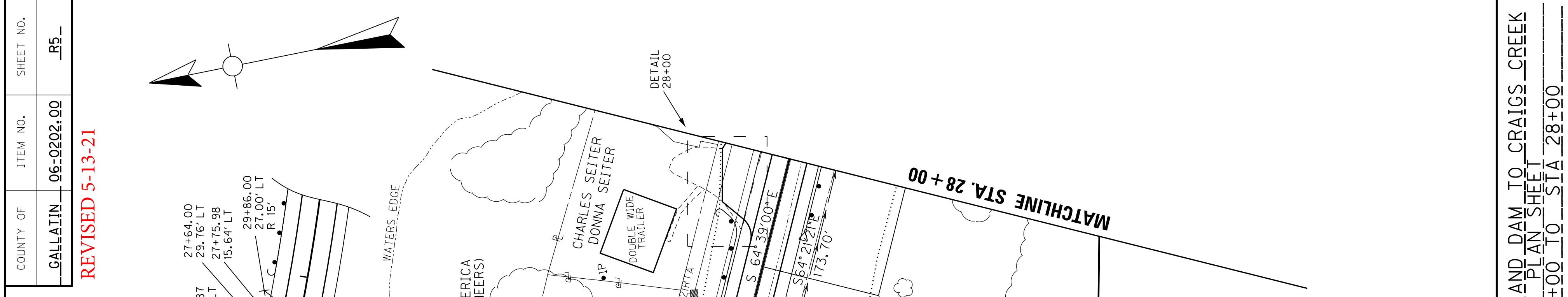
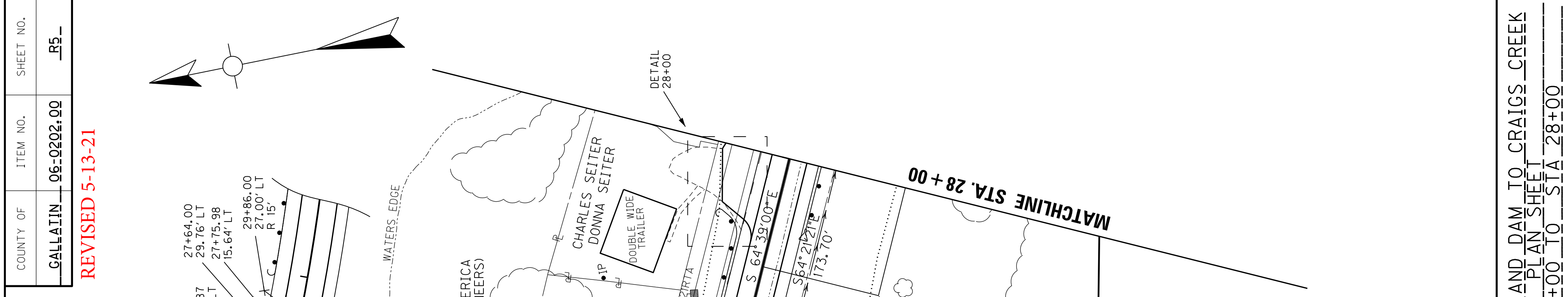
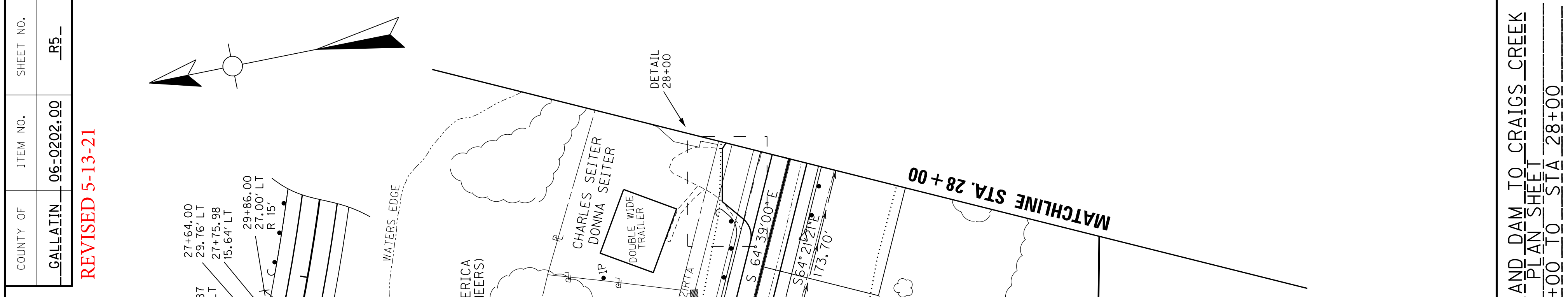
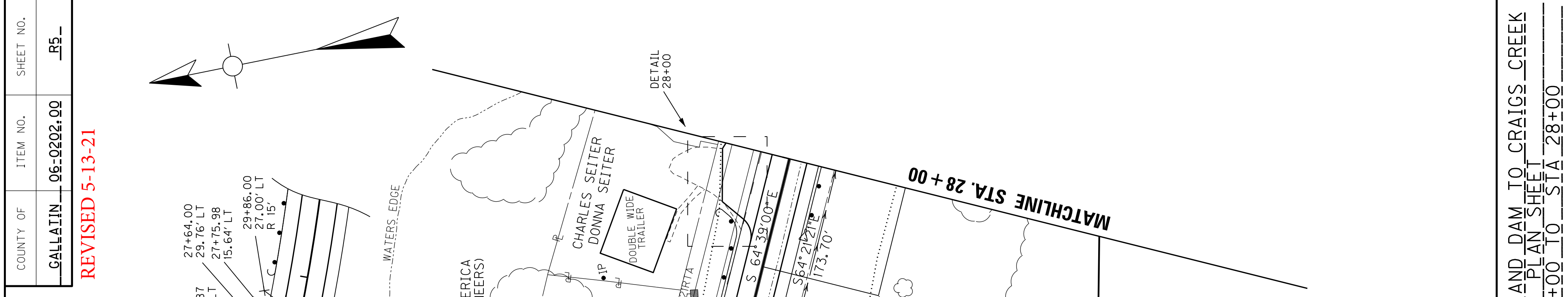
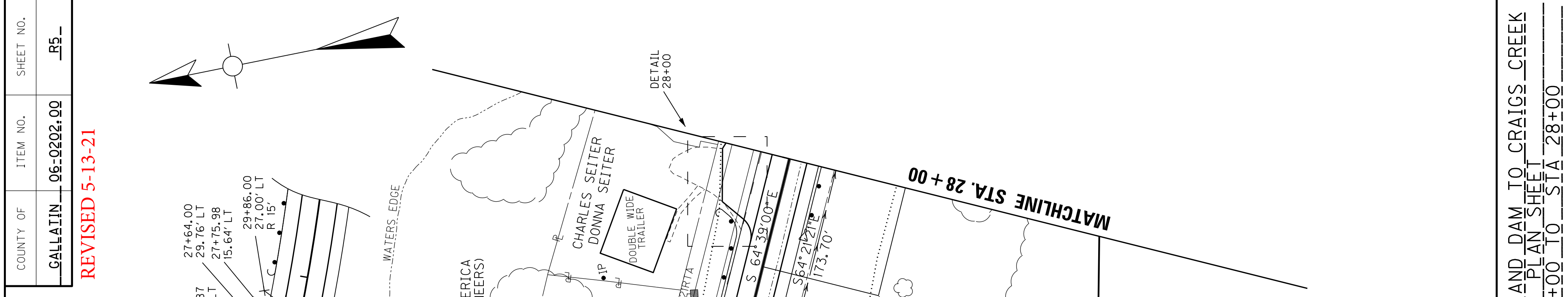
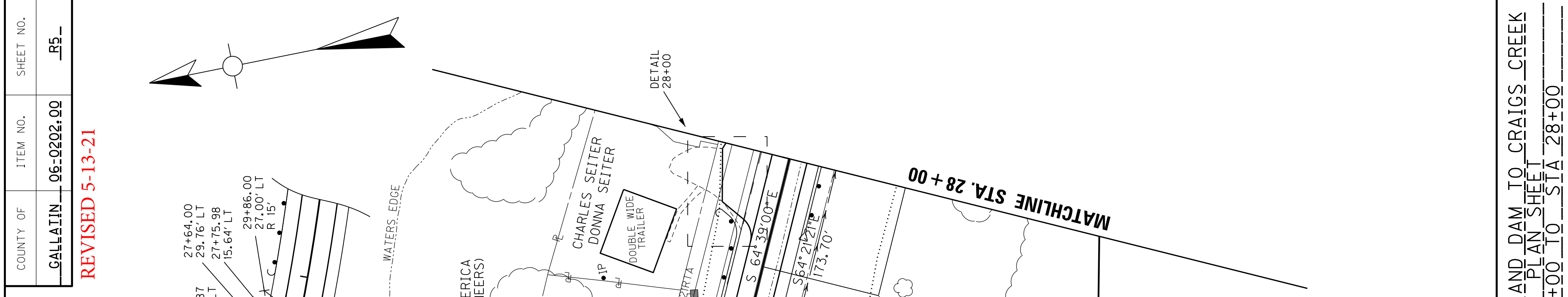
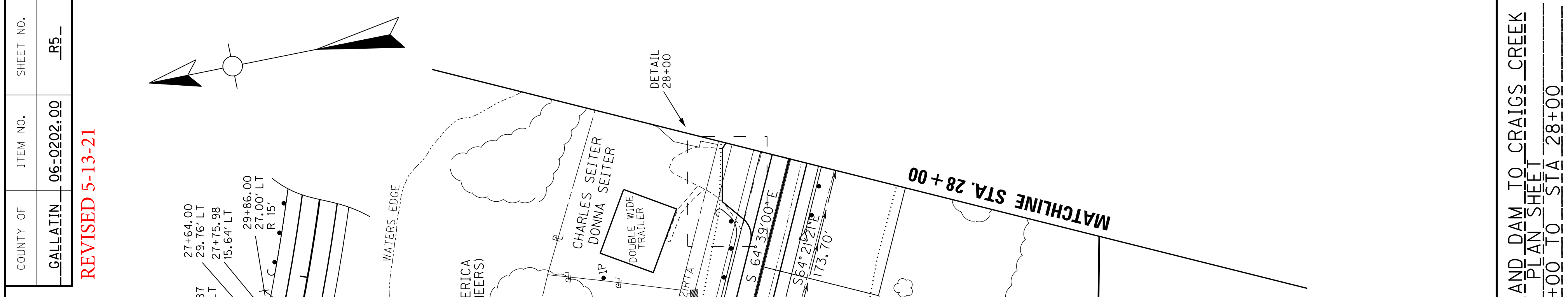
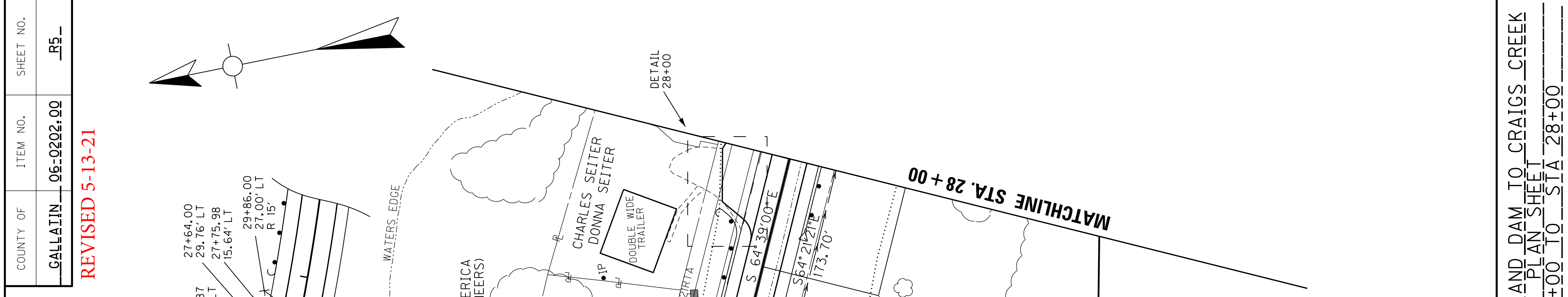
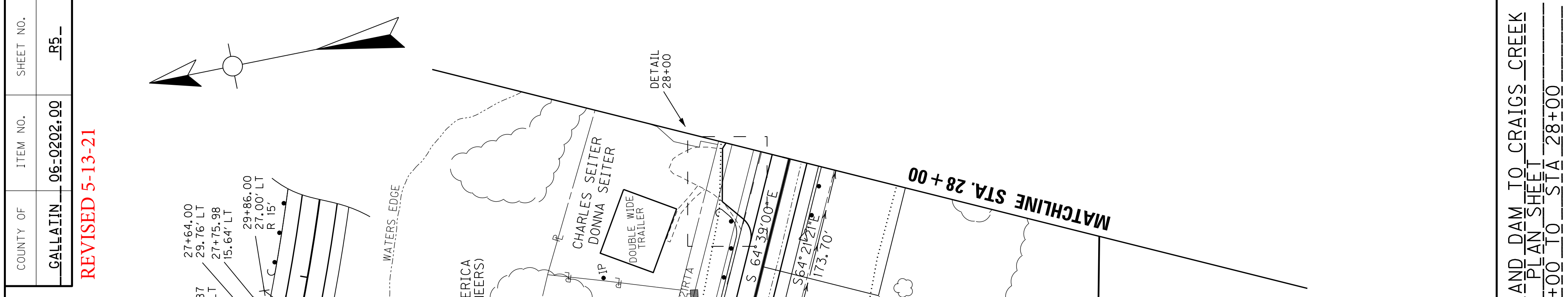
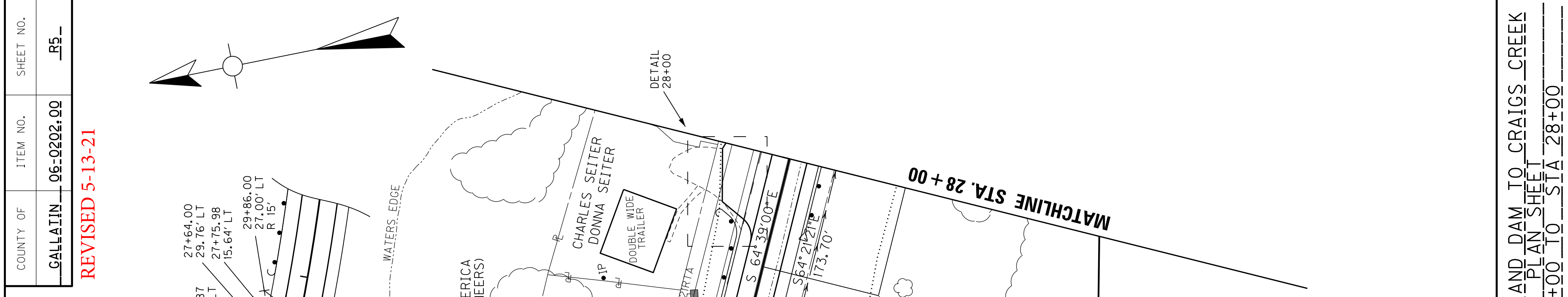
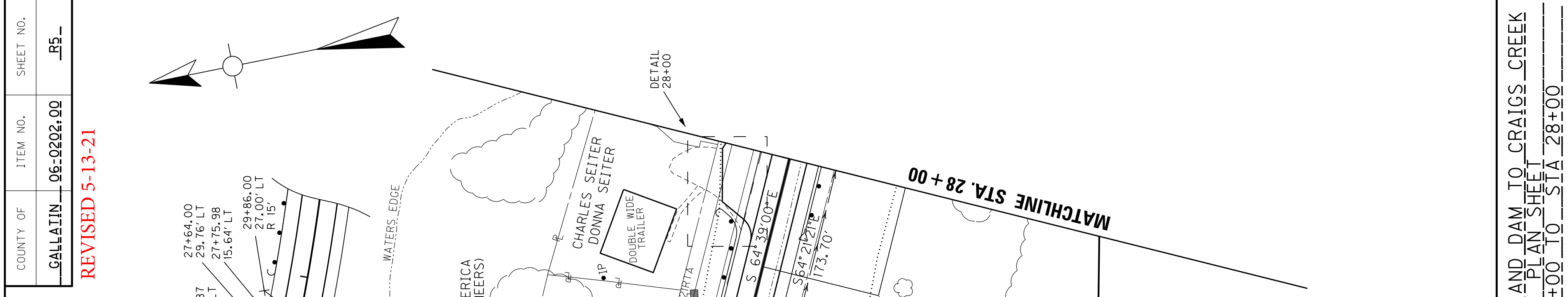
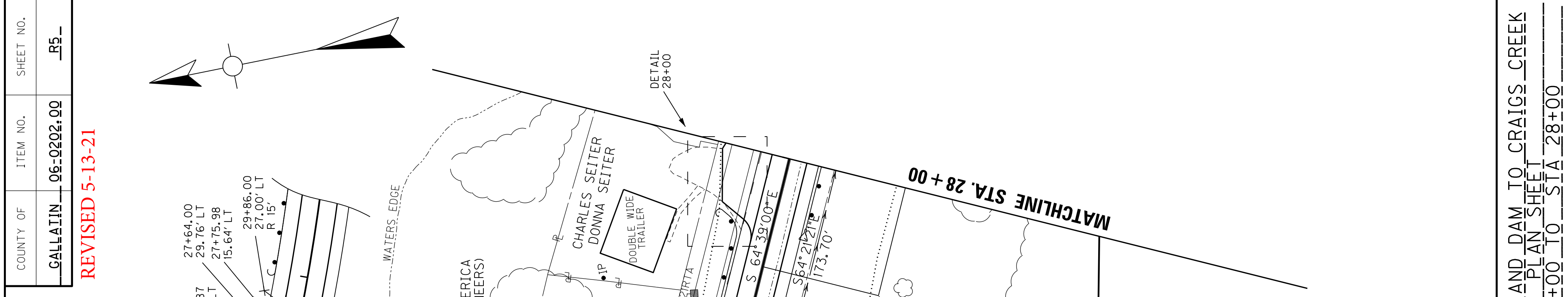
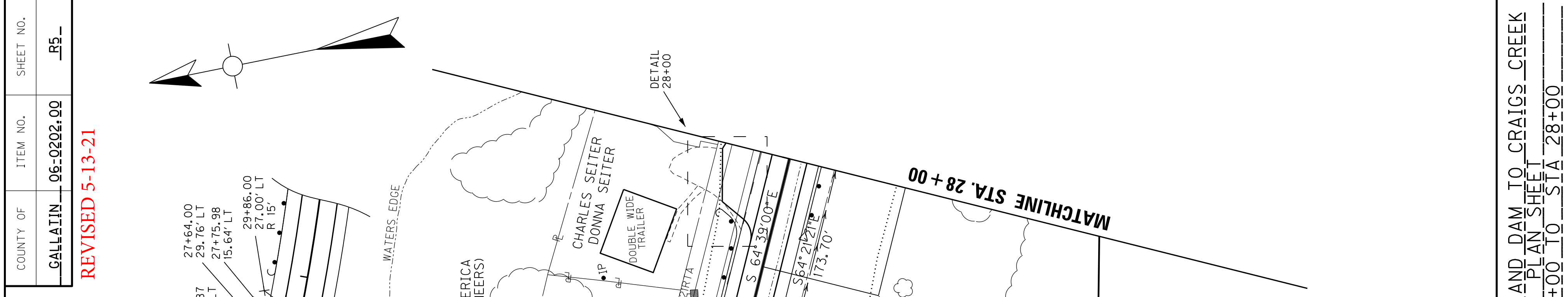
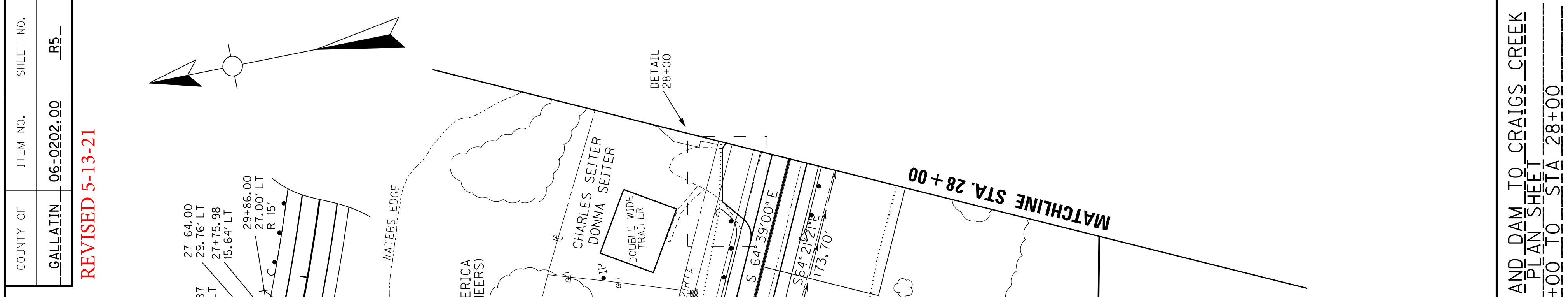
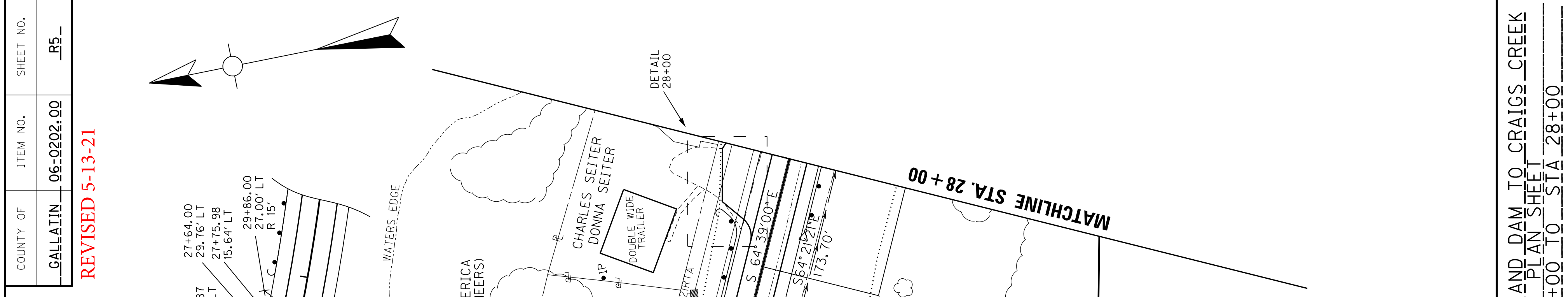
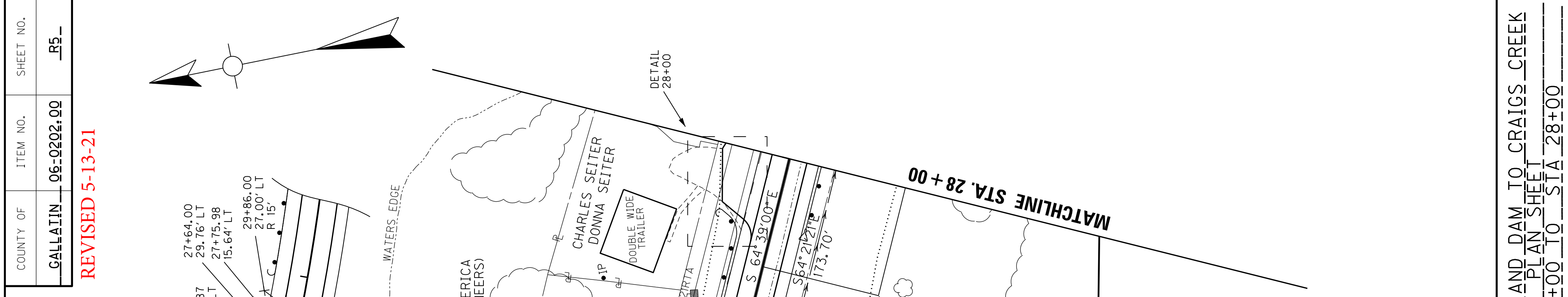
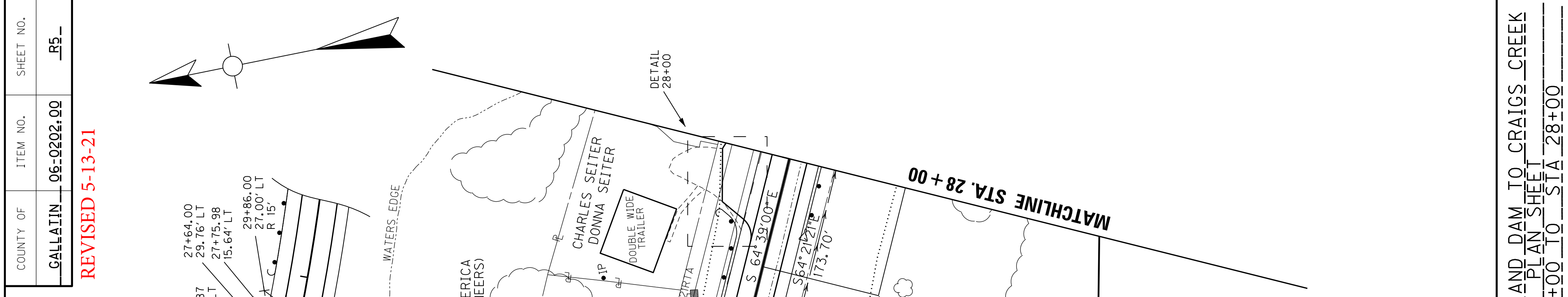
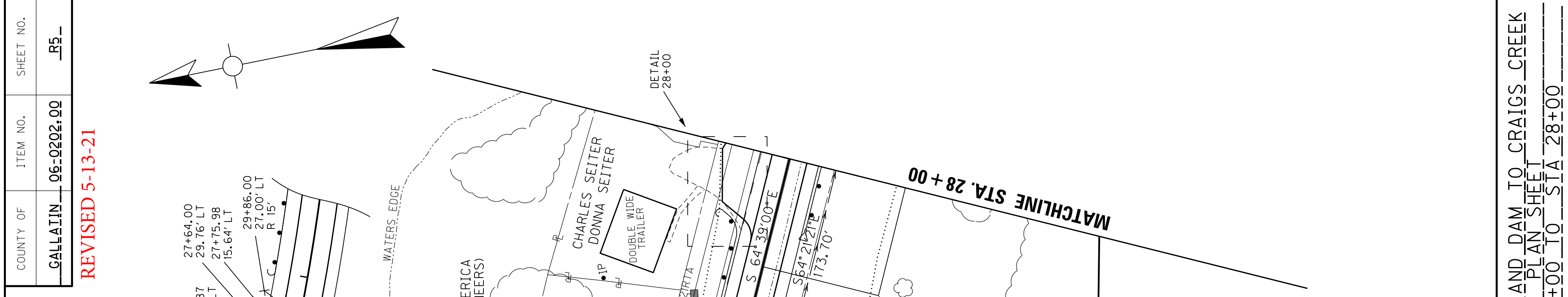
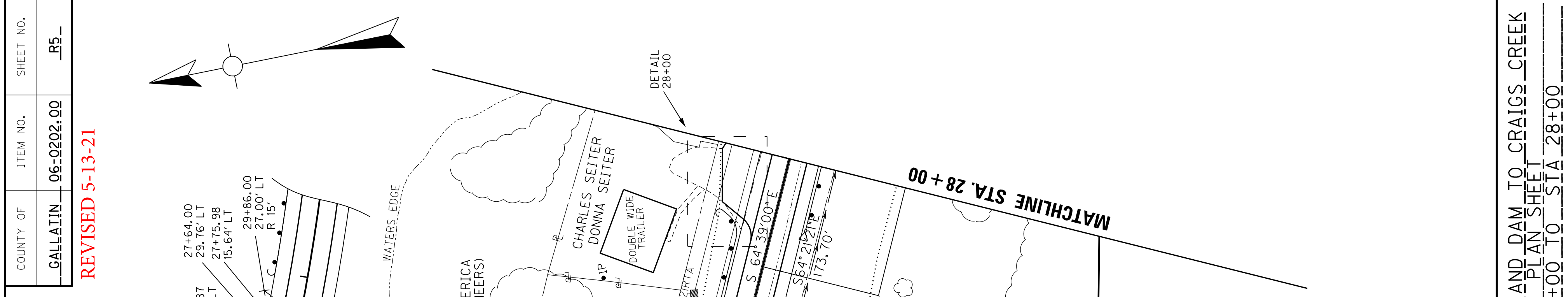
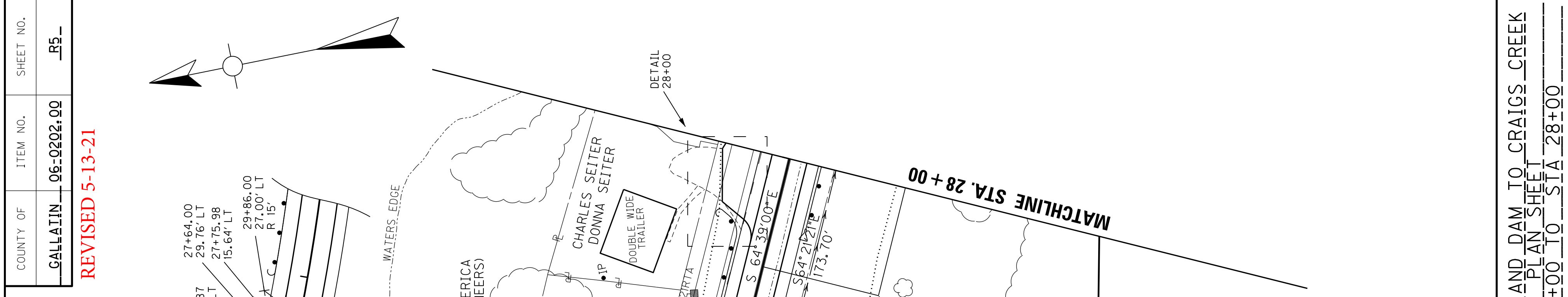
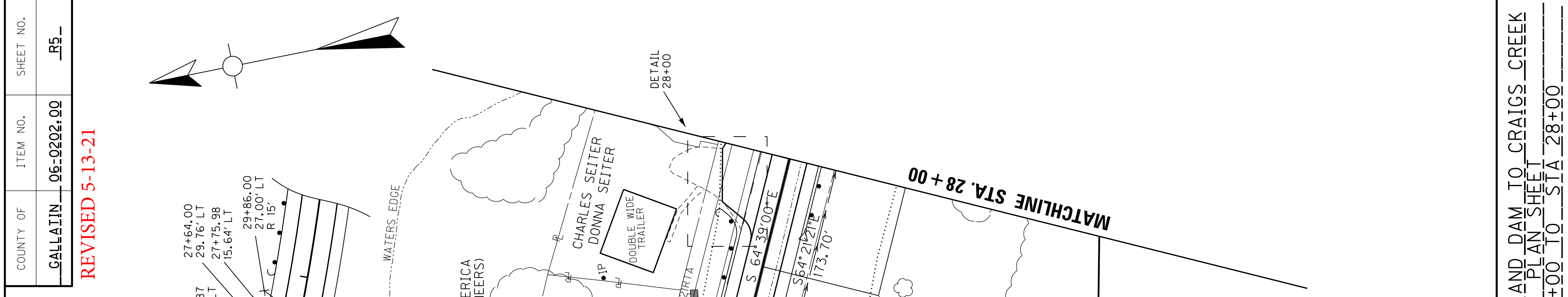
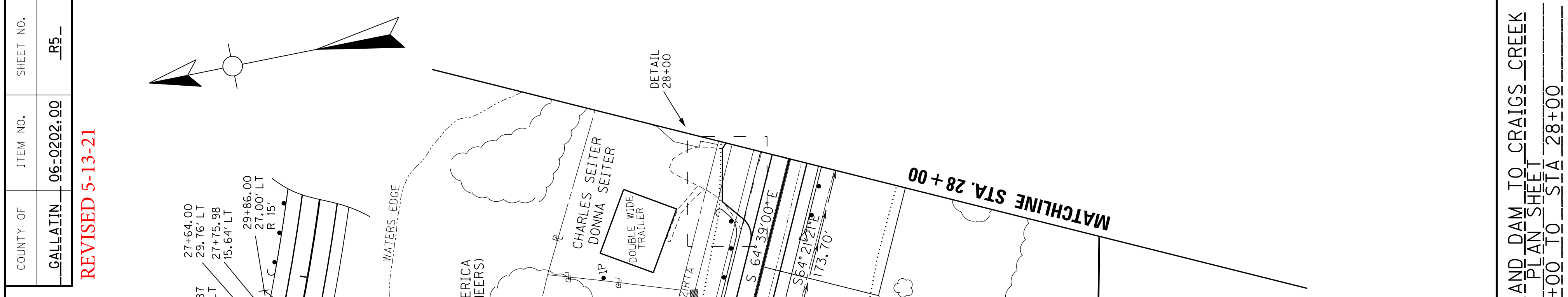
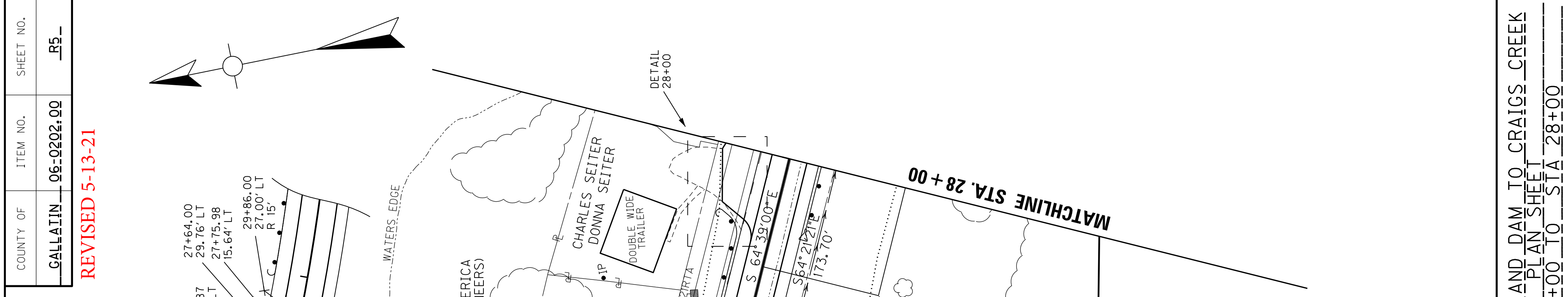
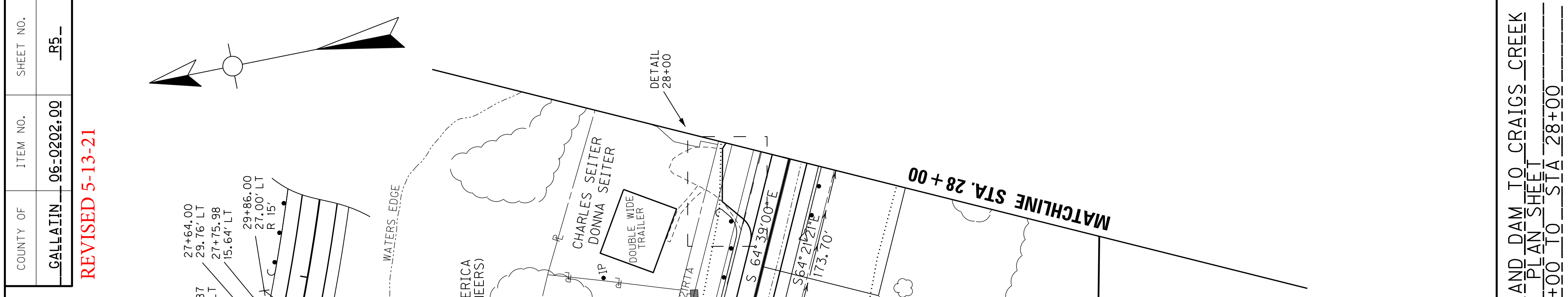
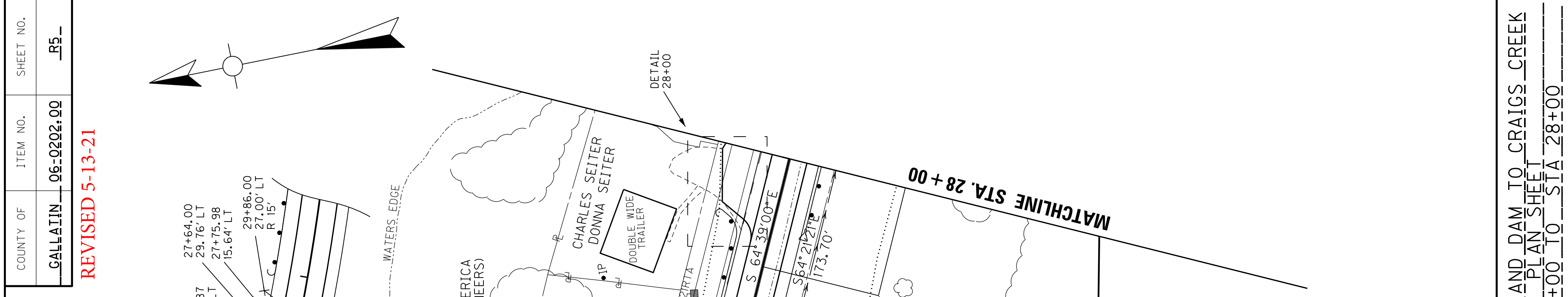
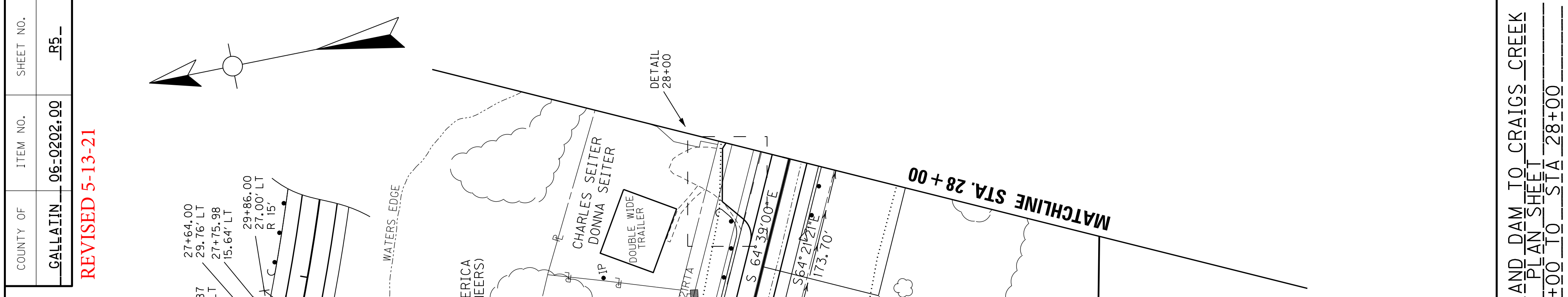
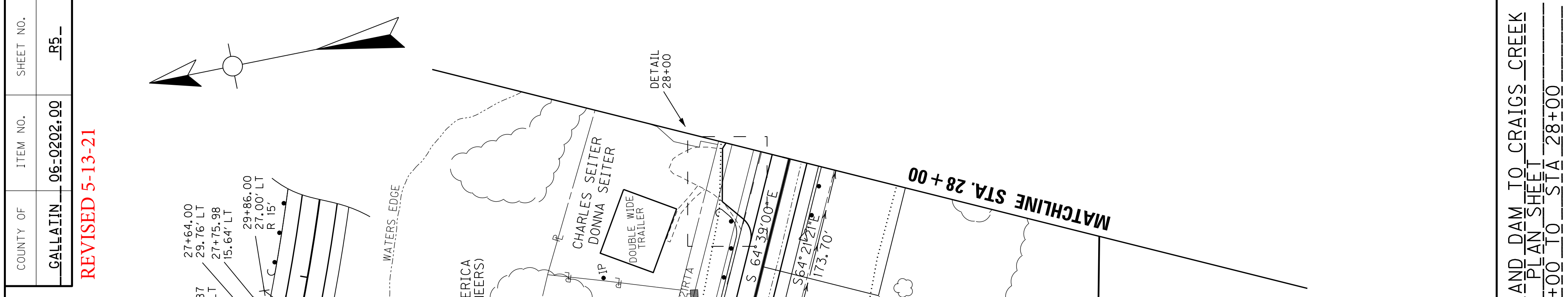
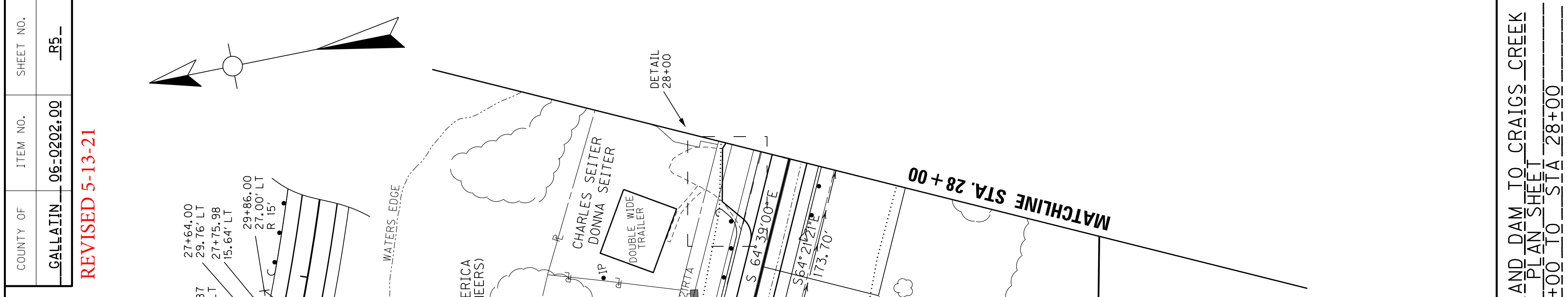
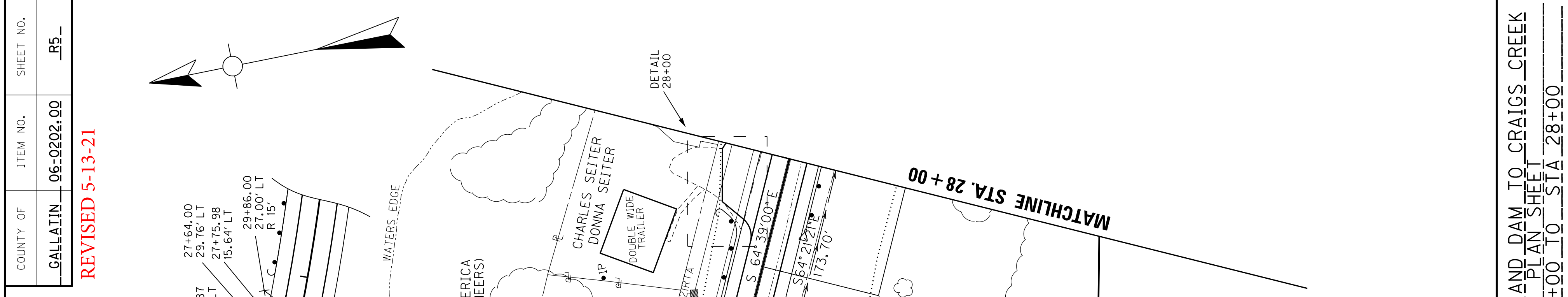
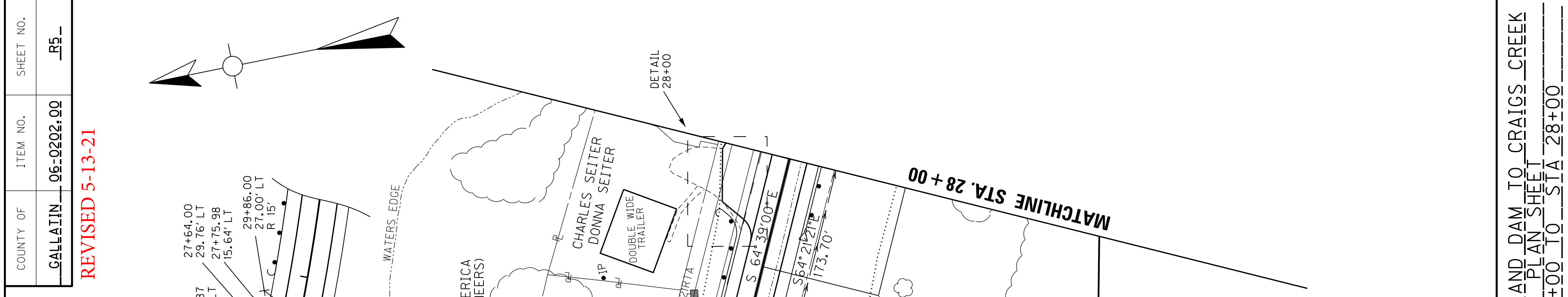
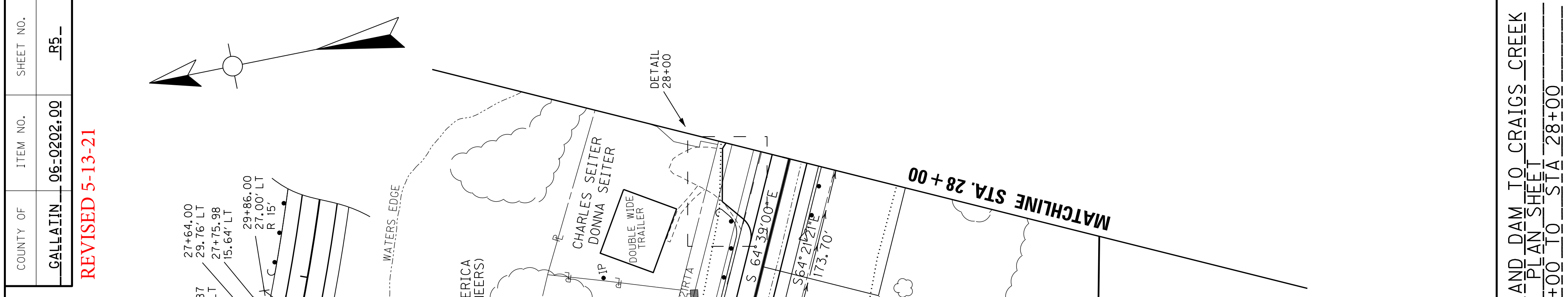
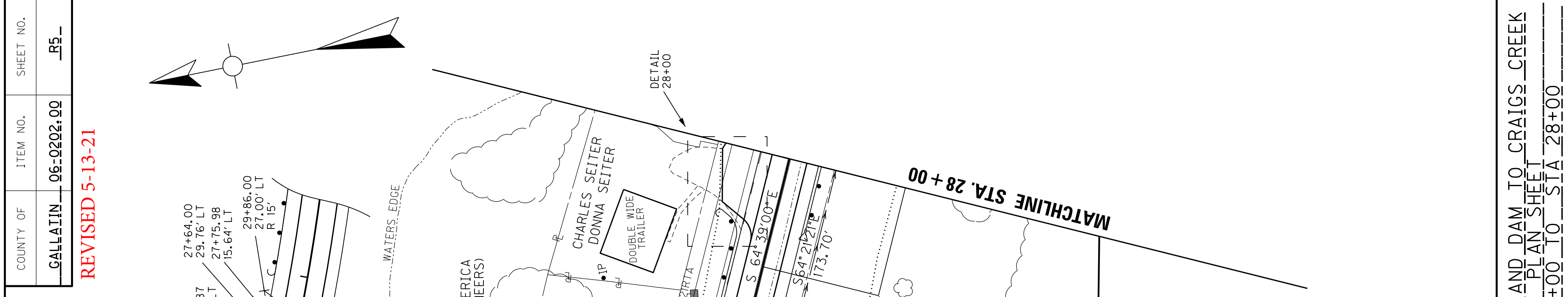
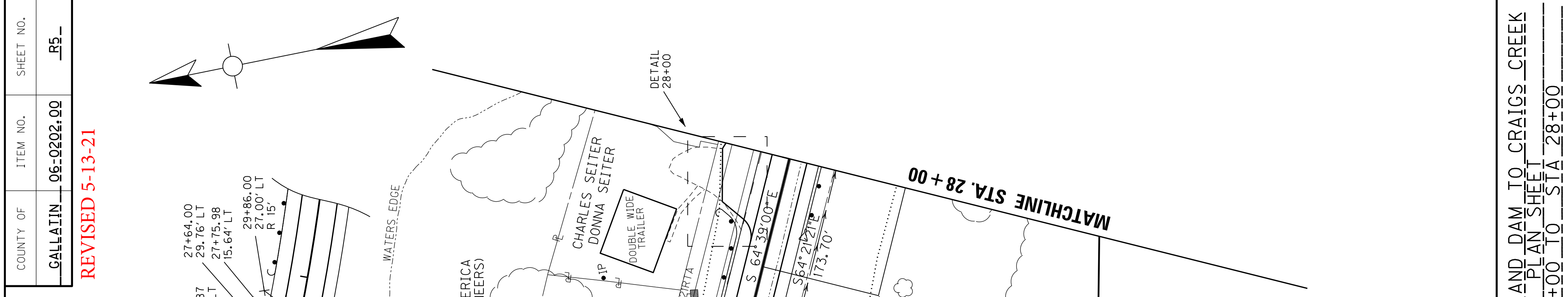
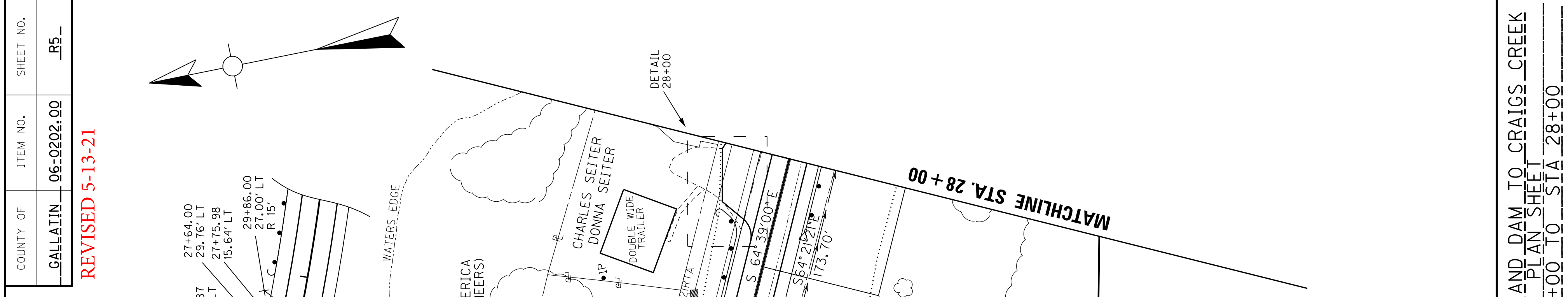
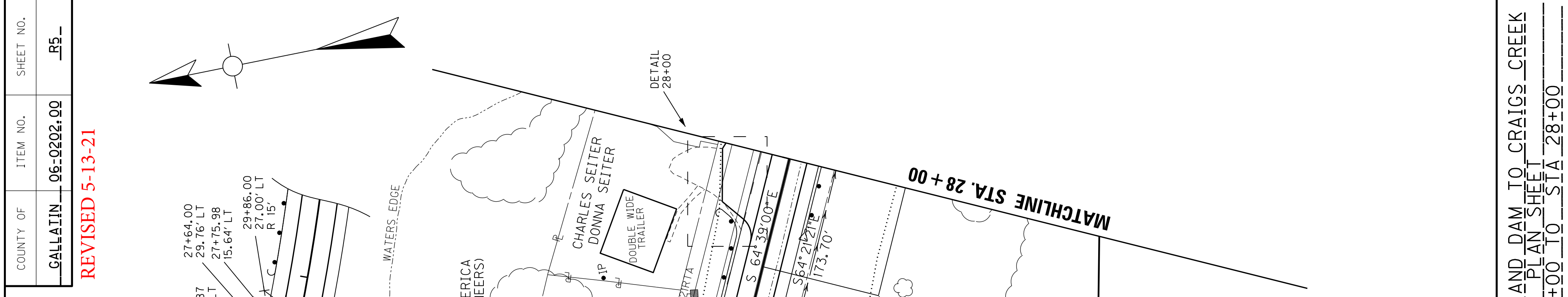
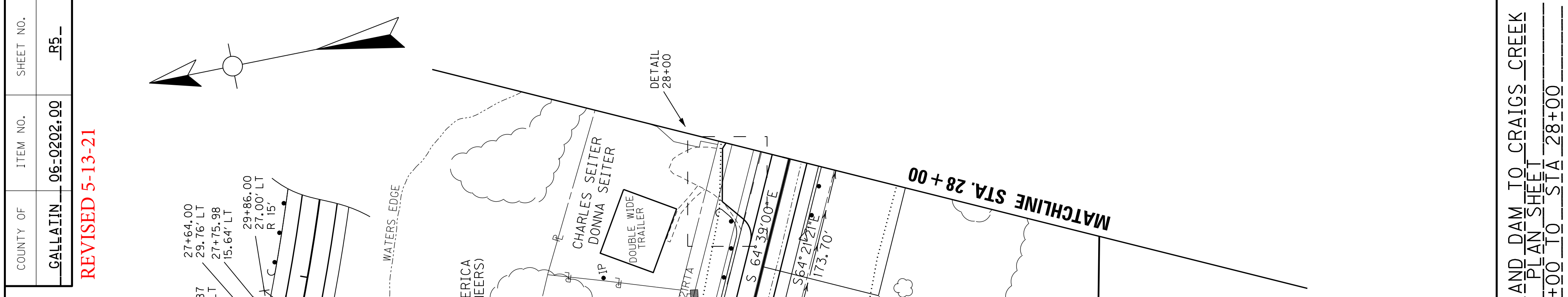
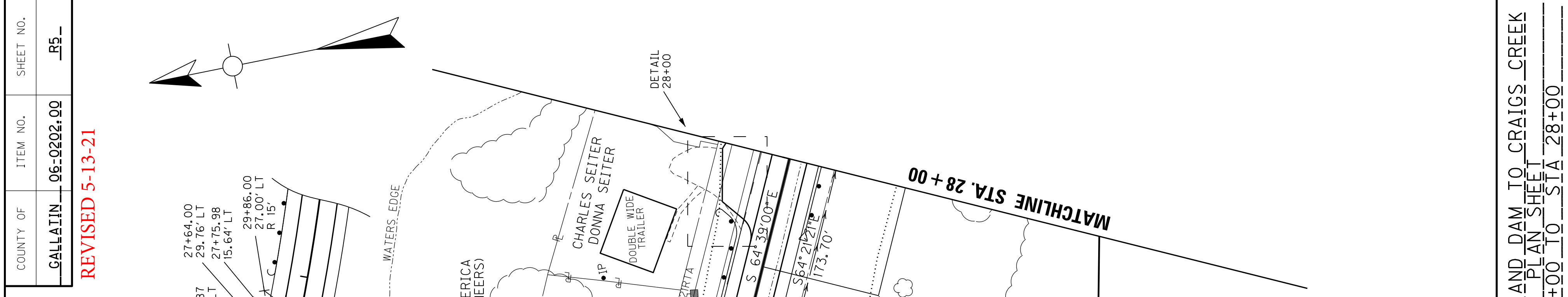
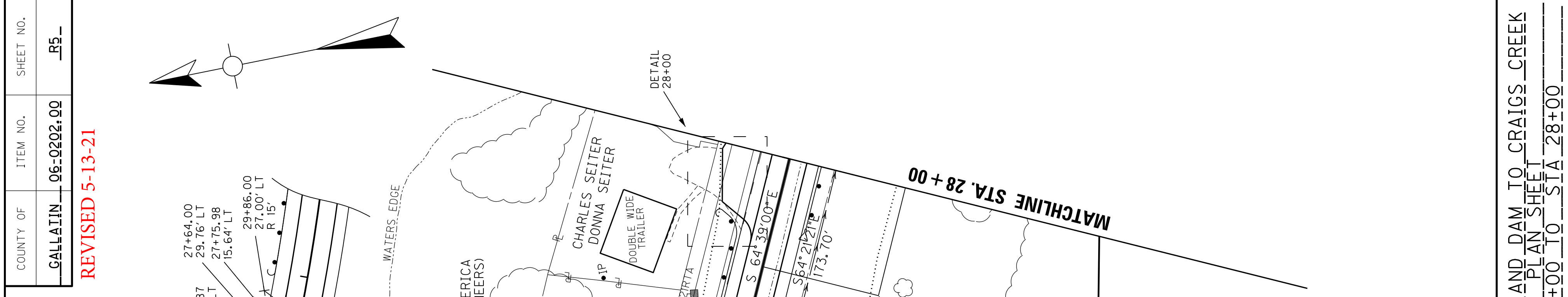
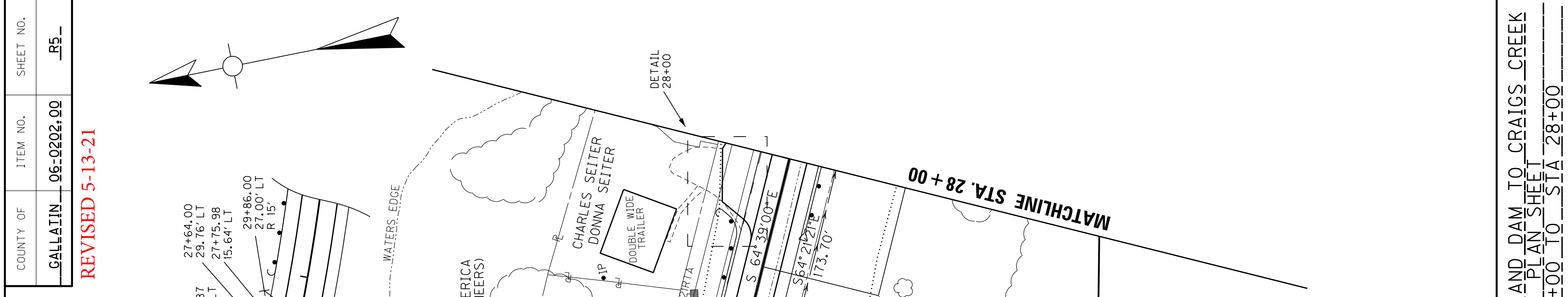
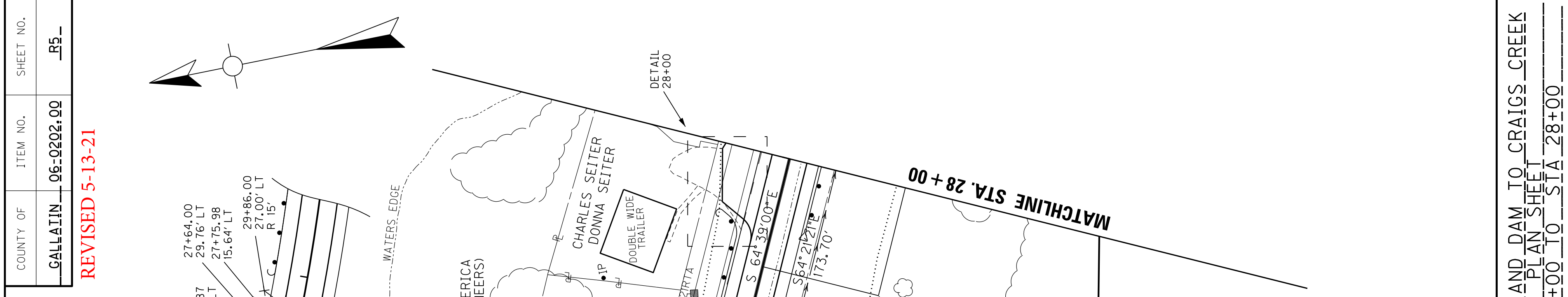
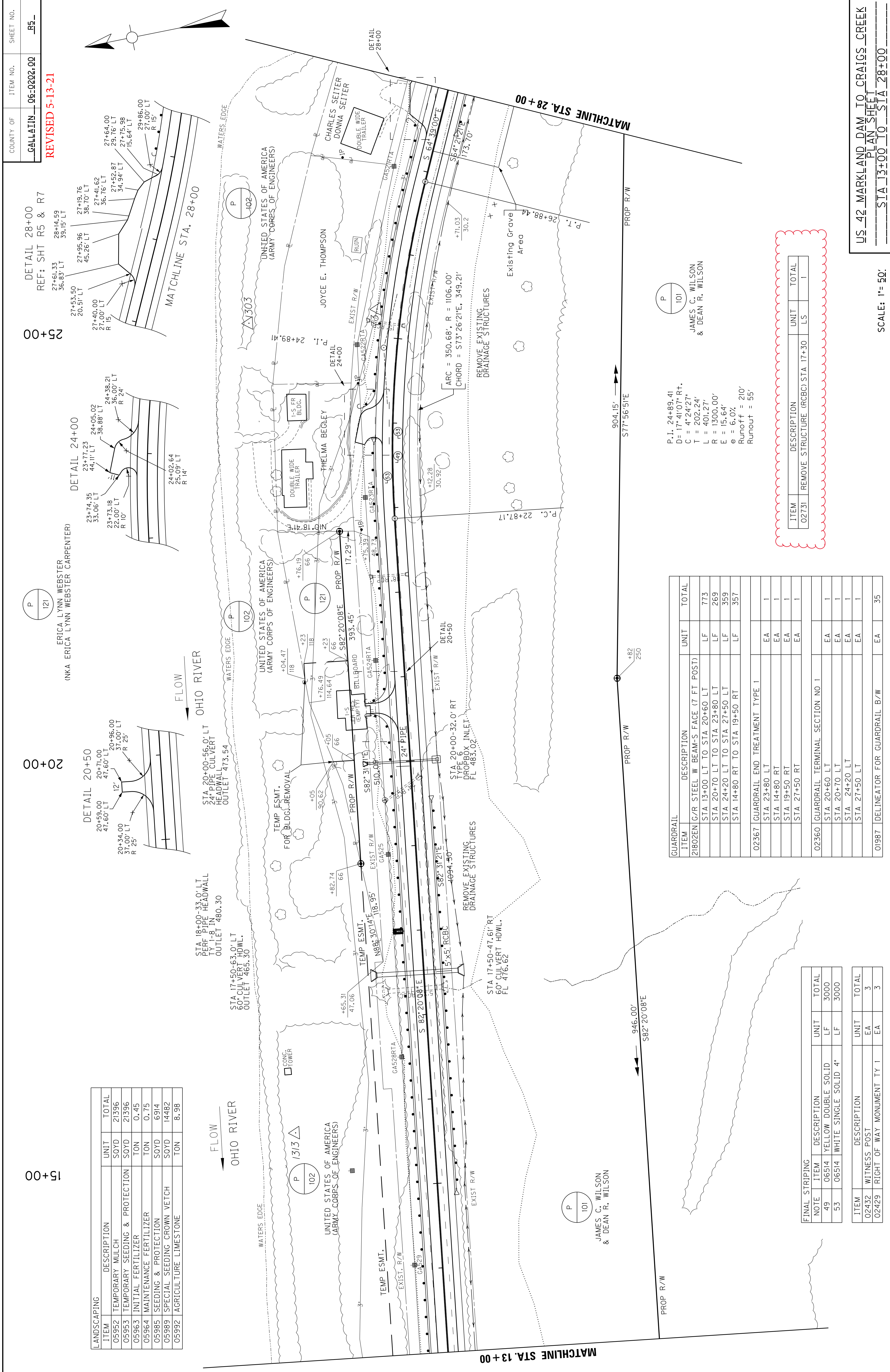
ITEM	DESCRIPTION	UNIT	TOTAL
02731	REMOVE STRUCTURE (RCBC) STA 17+30	LS	1

P.I. 24+89.41  
D= 17'41/07" RT+  
C = 4'24'27"  
T = 202.24'  
L = 401.27'  
R = 1300.00'  
E = 15.64'  
e = 6.0%  
Runoff = 210'  
Runout = 55'

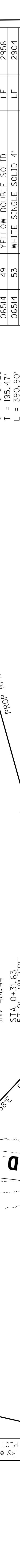
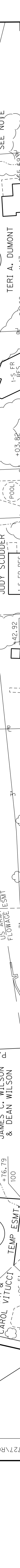
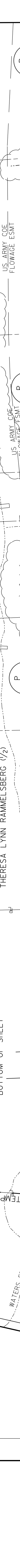
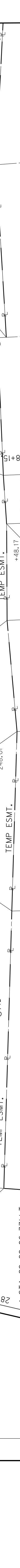
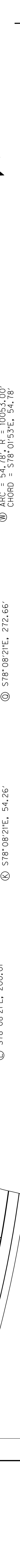
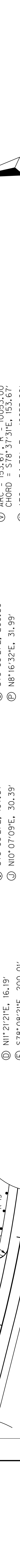
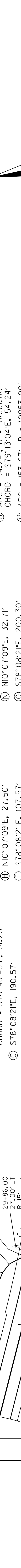
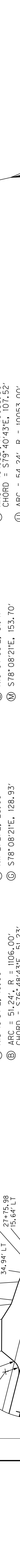
JAMES C. WILSON  
& DEAN R. WILSON



LANDSCAPING	ITEM	DESCRIPTION	UNIT	TOTAL
	05952	TEMPORARY MULCH	SOYD	21396
	05953	TEMPORARY SEEDING & PROTECTION	SOYD	21396
	05963	INITIAL FERTILIZER	TON	0.45
	05964	MAINTENANCE FERTILIZER	TON	0.75
	05985	SEEDING & PROTECTION	SOYD	6914
	05989	SPECIAL SEEDING CROWN VETCH	SOYD	14482
	05992	AGRICULTURE LIMESTONE	TON	8.98







US ARMY COE FLOWAGE ESMT

WATERS EDGE

TEMP ESMT

PROPR R/W

EXIST R/W

US ARMY COE FLOWAGE ESMT

WATERS EDGE

TEMP ESMT

PROPR R/W

EXIST R/W

US ARMY COE FLOWAGE ESMT

WATERS EDGE

TEMP ESMT

PROPR R/W

EXIST R/W

US ARMY COE FLOWAGE ESMT

WATERS EDGE

TEMP ESMT

PROPR R/W

EXIST R/W

US ARMY COE FLOWAGE ESMT

WATERS EDGE

TEMP ESMT

PROPR R/W

EXIST R/W

US ARMY COE FLOWAGE ESMT

WATERS EDGE

TEMP ESMT

PROPR R/W

EXIST R/W

US ARMY COE FLOWAGE ESMT

WATERS EDGE

TEMP ESMT

PROPR R/W

EXIST R/W

US ARMY COE FLOWAGE ESMT

WATERS EDGE

TEMP ESMT

PROPR R/W

EXIST R/W

US ARMY COE FLOWAGE ESMT

WATERS EDGE

TEMP ESMT

PROPR R/W

EXIST R/W

US ARMY COE FLOWAGE ESMT

WATERS EDGE

TEMP ESMT

PROPR R/W

US ARMY COE FLOWAGE ESMT

WATERS EDGE

TEMP ESMT

PROPR R/W

EXIST R/W

US ARMY COE FLOWAGE ESMT

WATERS EDGE

TEMP ESMT

PROPR R/W

EXIST R/W

US ARMY COE FLOWAGE ESMT

WATERS EDGE

TEMP ESMT

PROPR R/W

EXIST R/W

US ARMY COE FLOWAGE ESMT

WATERS EDGE

TEMP ESMT

PROPR R/W

EXIST R/W

US ARMY COE FLOWAGE ESMT

WATERS EDGE

TEMP ESMT

PROPR R/W

EXIST R/W

US ARMY COE FLOWAGE ESMT

WATERS EDGE

TEMP ESMT

PROPR R/W

EXIST R/W

US ARMY COE FLOWAGE ESMT

WATERS EDGE

TEMP ESMT

PROPR R/W

EXIST R/W

US ARMY COE FLOWAGE ESMT

WATERS EDGE

TEMP ESMT

PROPR R/W

EXIST R/W

US ARMY COE FLOWAGE ESMT

WATERS EDGE

TEMP ESMT

PROPR R/W

EXIST R/W

US ARMY COE FLOWAGE ESMT

WATERS EDGE

TEMP ESMT

PROPR R/W

US ARMY COE FLOWAGE ESMT

WATERS EDGE

TEMP ESMT

PROPR R/W

EXIST R/W

US ARMY COE FLOWAGE ESMT

WATERS EDGE

TEMP ESMT

PROPR R/W

EXIST R/W

US ARMY COE FLOWAGE ESMT

WATERS EDGE

TEMP ESMT

PROPR R/W

EXIST R/W

US ARMY COE FLOWAGE ESMT

WATERS EDGE

TEMP ESMT

PROPR R/W

EXIST R/W

US ARMY COE FLOWAGE ESMT

WATERS EDGE

TEMP ESMT

PROPR R/W

EXIST R/W

US ARMY COE FLOWAGE ESMT

WATERS EDGE

TEMP ESMT

PROPR R/W

EXIST R/W

US ARMY COE FLOWAGE ESMT

WATERS EDGE

TEMP ESMT

PROPR R/W

EXIST R/W

US ARMY COE FLOWAGE ESMT

WATERS EDGE

TEMP ESMT

PROPR R/W

EXIST R/W

US ARMY COE FLOWAGE ESMT

WATERS EDGE

TEMP ESMT

PROPR R/W

EXIST R/W

US ARMY COE FLOWAGE ESMT

WATERS EDGE

TEMP ESMT

PROPR R/W

US ARMY COE FLOWAGE ESMT

WATERS EDGE

TEMP ESMT

PROPR R/W

EXIST R/W

US ARMY COE FLOWAGE ESMT

WATERS EDGE

TEMP ESMT

PROPR R/W

EXIST R/W

US ARMY COE FLOWAGE ESMT

WATERS EDGE

TEMP ESMT

PROPR R/W

EXIST R/W

US ARMY COE FLOWAGE ESMT

WATERS EDGE

TEMP ESMT

PROPR R/W

EXIST R/W



**DETAIL 28+00**  
 REF: SHT R5 & R7  
 27+61.33 28+14.59  
 36.83' LT 39.15' LT  
 27+53.50 27+95.96  
 20.51' LT 45.26' LT  
 27+40.00 27+19.76  
 27.00' LT 38.70' LT  
 27+53.50 27+41.62  
 20.51' LT 36.76' LT  
 27+95.96 27+15.98  
 45.26' LT 15.64' LT  
 27+19.76 27+52.87  
 38.70' LT 34.94' LT  
 27+41.62 29.16' LT  
 36.76' LT 29.16' LT  
 27+15.98 29+86.00  
 15.64' LT 27.00' LT  
 29+86.00 R 15'

**DETAIL 30+00**  
 STATION 29+93, 25.0' LEFT  
 BEGIN CONSTRUCTION OF TIE BACK RETAINING WALL  
 TOTAL RETAINING WALL LENGTH = 2895 FT.  
 (SEE DETAILS ON SHEET R2B)

**DETAIL 35+00**  
 STA 29+89-33.0' LT  
 EDGE DRAIN  
 OUTLET 477.80  
 SEE NOTE AT  
 BOTTOM OF SHEET

**DETAIL 40+00**  
 STA 29+89-33.0' LT  
 EDGE DRAIN  
 OUTLET 477.80  
 SEE NOTE AT  
 BOTTOM OF SHEET

**DETAIL 43+00**  
 STA 29+89-33.0' LT  
 EDGE DRAIN  
 OUTLET 477.80  
 SEE NOTE AT  
 BOTTOM OF SHEET

**DETAIL 46+00**  
 STA 29+89-33.0' LT  
 EDGE DRAIN  
 OUTLET 477.80  
 SEE NOTE AT  
 BOTTOM OF SHEET

**DETAIL 49+00**  
 STA 29+89-33.0' LT  
 EDGE DRAIN  
 OUTLET 477.80  
 SEE NOTE AT  
 BOTTOM OF SHEET

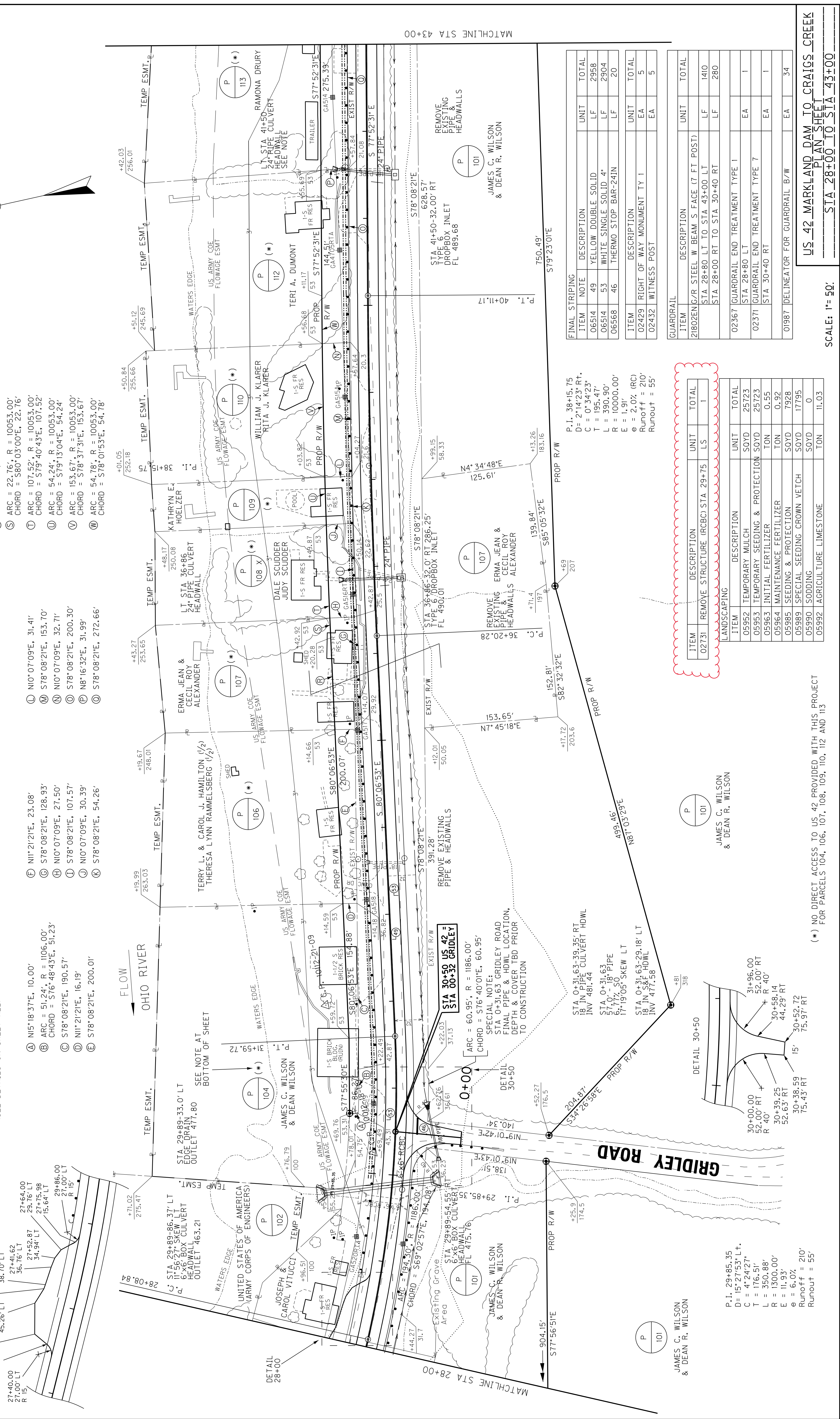
**DETAIL 52+00**  
 STA 29+89-33.0' LT  
 EDGE DRAIN  
 OUTLET 477.80  
 SEE NOTE AT  
 BOTTOM OF SHEET

**DETAIL 55+00**  
 STA 29+89-33.0' LT  
 EDGE DRAIN  
 OUTLET 477.80  
 SEE NOTE AT  
 BOTTOM OF SHEET

**DETAIL 58+00**  
 STA 29+89-33.0' LT  
 EDGE DRAIN  
 OUTLET 477.80  
 SEE NOTE AT  
 BOTTOM OF SHEET

**DETAIL 61+00**  
 STA 29+89-33.0' LT  
 EDGE DRAIN  
 OUTLET 477.80  
 SEE NOTE AT  
 BOTTOM OF SHEET

**DETAIL 64+00**  
 STA 29+89-33.0' LT  
 EDGE DRAIN  
 OUTLET 477.80  
 SEE NOTE AT  
 BOTTOM OF SHEET

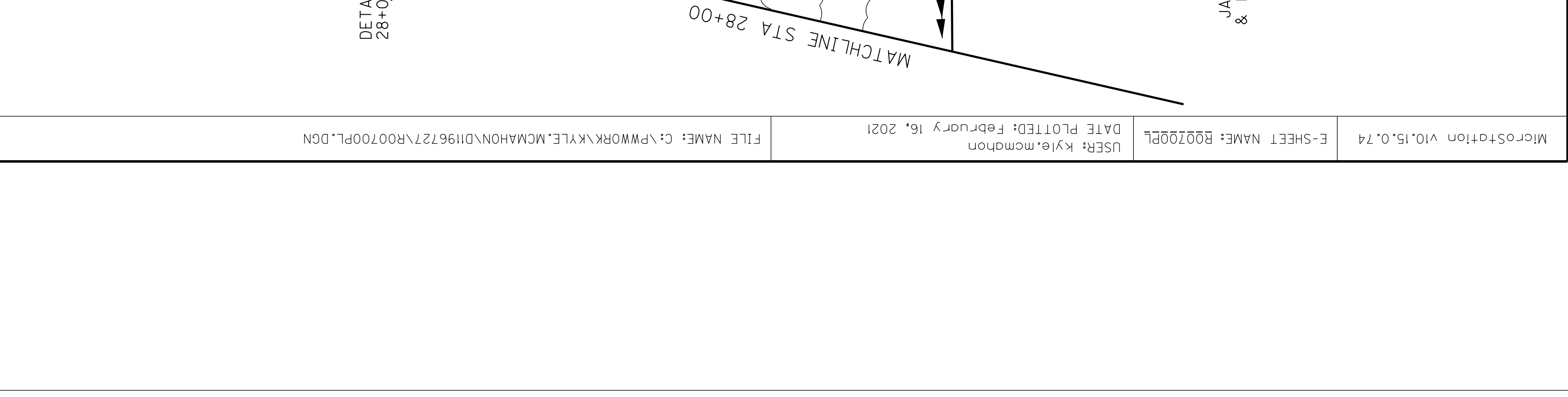
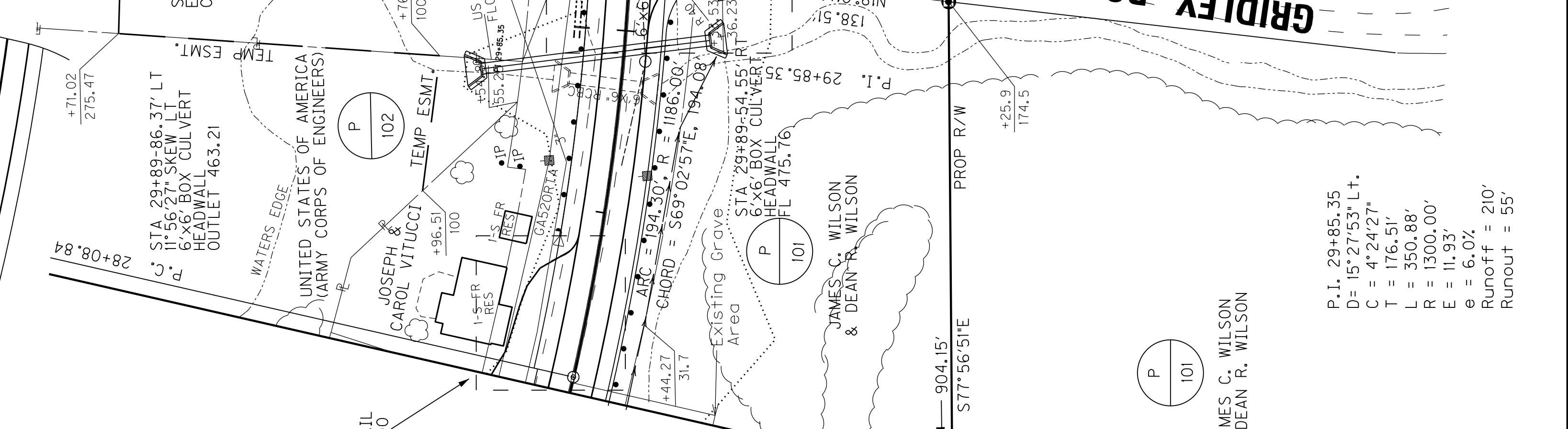
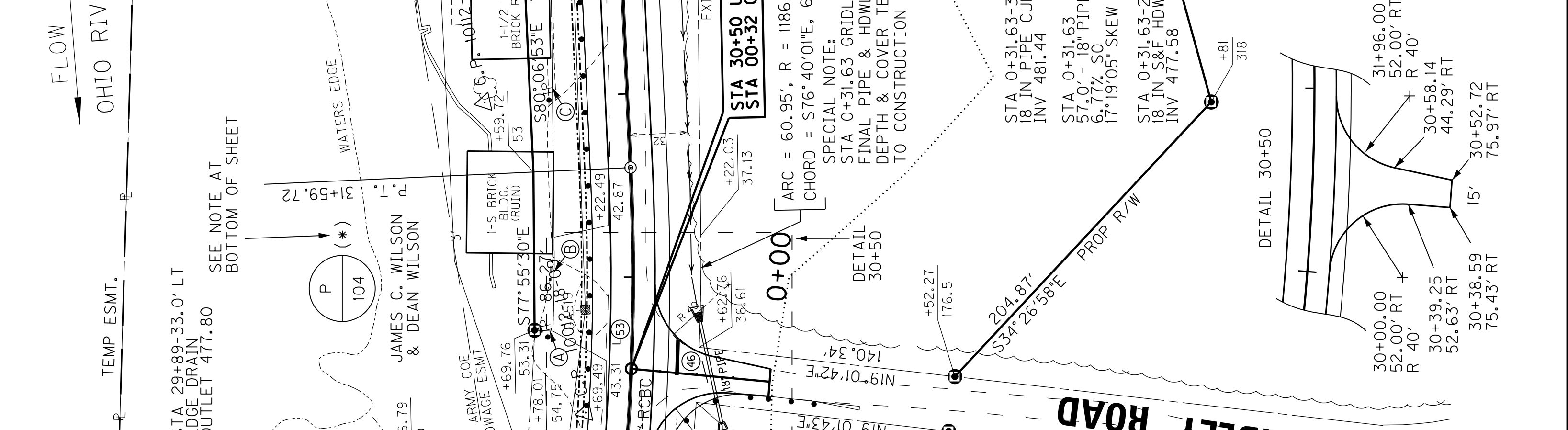
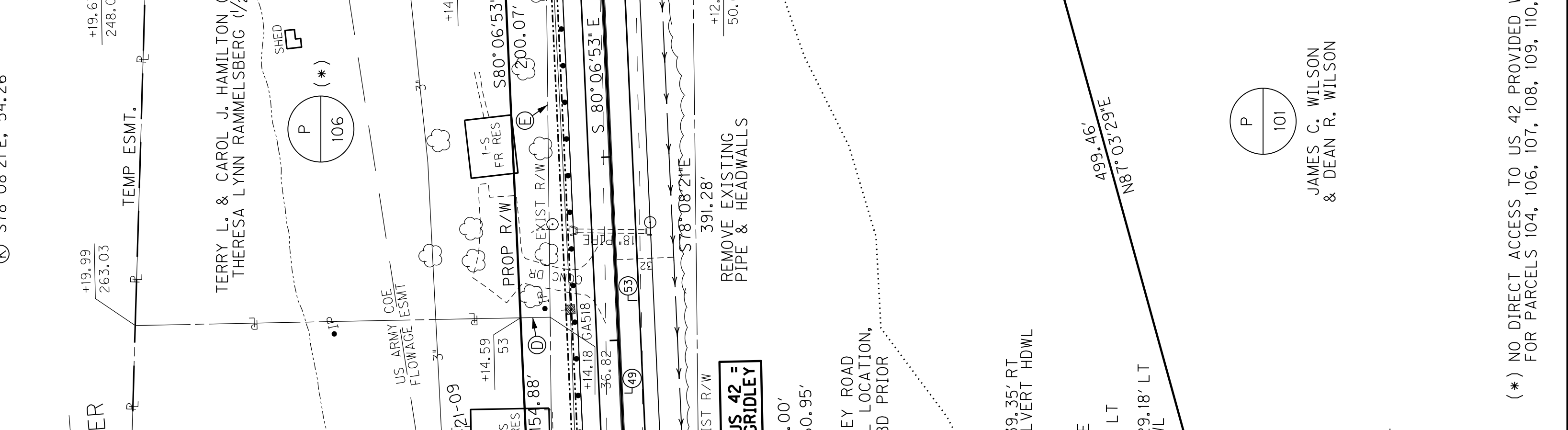
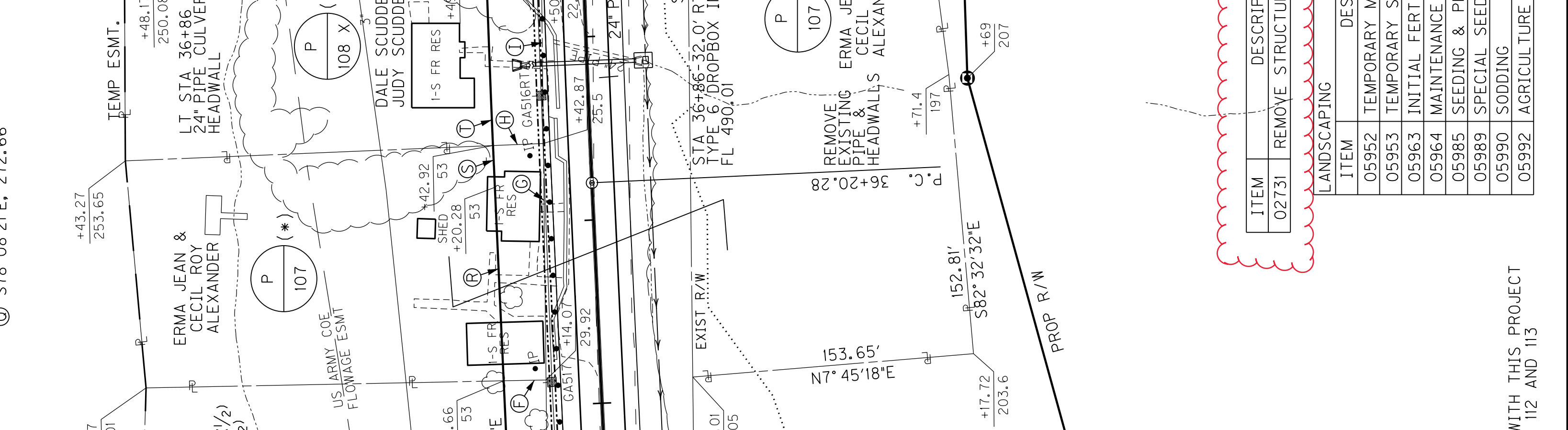
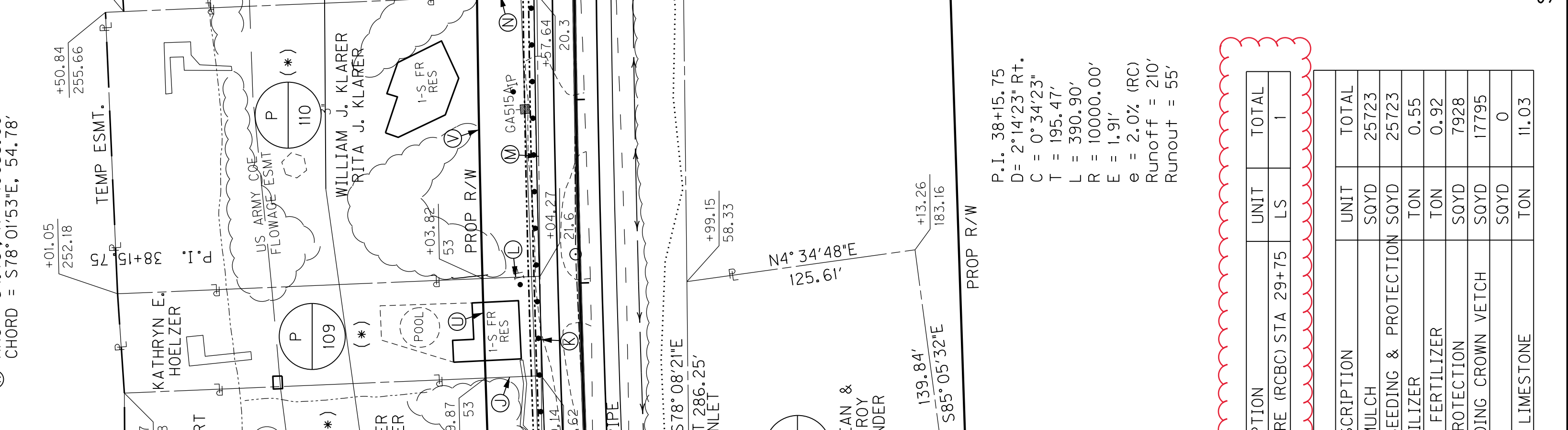
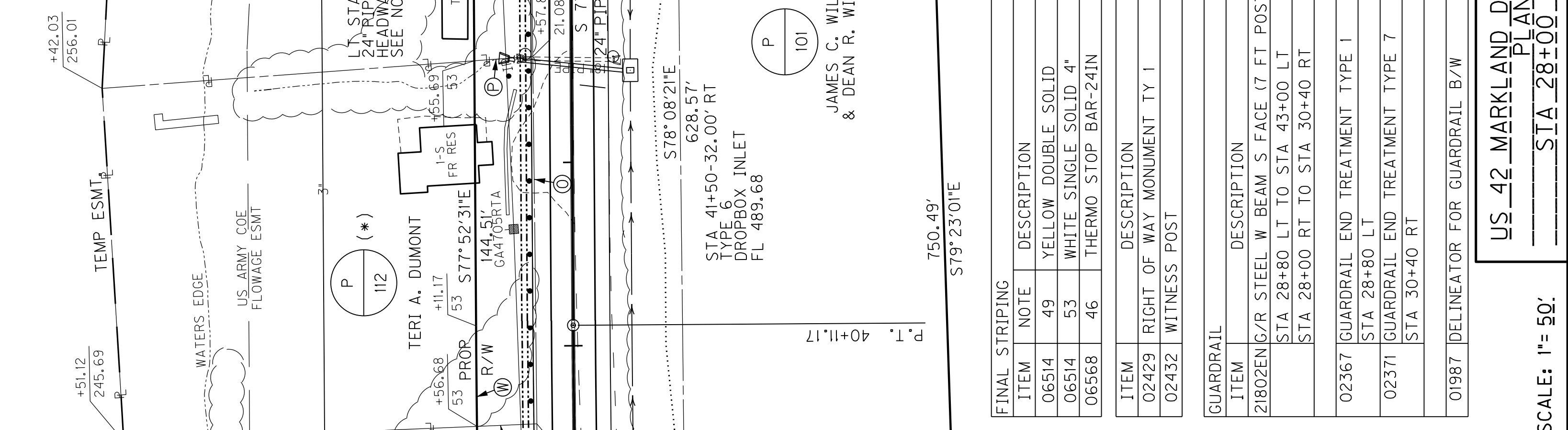
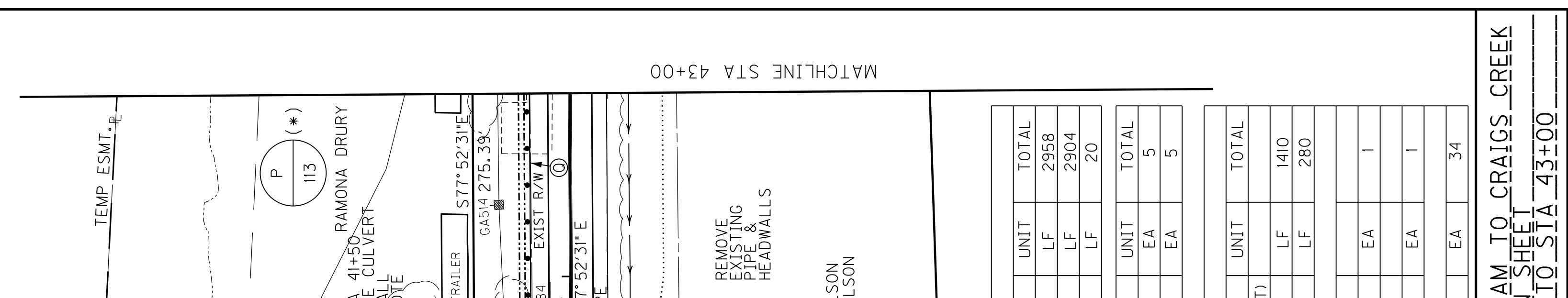


- Ⓐ N15°18'37"E, 10.00'
- Ⓑ ARC = 51.24', R = 1106.00'  
CHORD = 576°48'43"E, 51.23'
- Ⓒ S78°08'21"E, 128.93'
- Ⓓ N10°07'09"E, 27.50'
- Ⓔ S78°08'21"E, 107.57'
- Ⓕ N11°21'21"E, 16.19'
- Ⓖ S78°08'21"E, 200.01'
- Ⓗ N11°21'21"E, 23.08'
- Ⓖ S78°08'21"E, 128.93'
- Ⓙ N10°07'09"E, 32.71'
- Ⓚ S78°08'21"E, 200.30'
- Ⓛ N8°16'32"E, 31.99'
- Ⓜ S78°08'21"E, 272.66'
- Ⓝ N10°07'09"E, 31.41'
- Ⓞ S78°08'21"E, 153.70'
- Ⓟ N10°07'09"E, 32.71'
- Ⓠ S78°08'21"E, 200.30'
- Ⓡ N8°16'32"E, 31.99'
- Ⓢ S78°08'21"E, 272.66'
- Ⓣ S80°06'53"E, 105.62'
- Ⓤ ARC = 22.76', R = 10053.00'  
CHORD = S80°03'00"E, 22.76'
- Ⓥ ARC = 107.52', R = 10053.00'  
CHORD = S79°40'43"E, 107.52'
- Ⓦ ARC = 54.24', R = 10053.00'  
CHORD = S79°13'04"E, 54.24'
- Ⓧ ARC = 153.67', R = 10053.00'  
CHORD = S78°37'31"E, 153.67'
- Ⓨ ARC = 54.78', R = 10053.00'  
CHORD = S78°01'53"E, 54.78'
- Ⓩ N10°07'09"E, 31.41'
- ⓐ S78°08'21"E, 153.70'
- ⓑ N10°07'09"E, 32.71'
- ⓓ S78°08'21"E, 200.30'
- ⓔ N8°16'32"E, 31.99'
- ⓖ S78°08'21"E, 272.66'

- Ⓛ N10°07'09"E, 31.41'
- Ⓜ S78°08'21"E, 153.70'
- Ⓨ N10°07'09"E, 32.71'
- Ⓩ S78°08'21"E, 200.30'
- ⓐ N8°16'32"E, 31.99'
- ⓑ S78°08'21"E, 272.66'

- Ⓐ N15°18'37"E, 10.00'
- Ⓑ ARC = 51.24', R = 1106.00'  
CHORD = 576°48'43"E, 51.23'
- Ⓒ S78°08'21"E, 128.93'
- Ⓓ N10°07'09"E, 27.50'
- Ⓔ S78°08'21"E, 107.57'
- Ⓕ N11°21'21"E, 16.19'
- Ⓖ S78°08'21"E, 200.01'

- Ⓐ N15°18'37"E, 10.00'
- Ⓑ ARC = 51.24', R = 1106.00'  
CHORD = 576°48'43"E, 51.23'
- Ⓒ S78°08'21"E, 128.93'
- Ⓓ N10°07'09"E, 27.50'
- Ⓔ S78°08'21"E, 107.57'
- Ⓕ N11°21'21"E, 16.19'
- Ⓖ S78°08'21"E, 200.01'







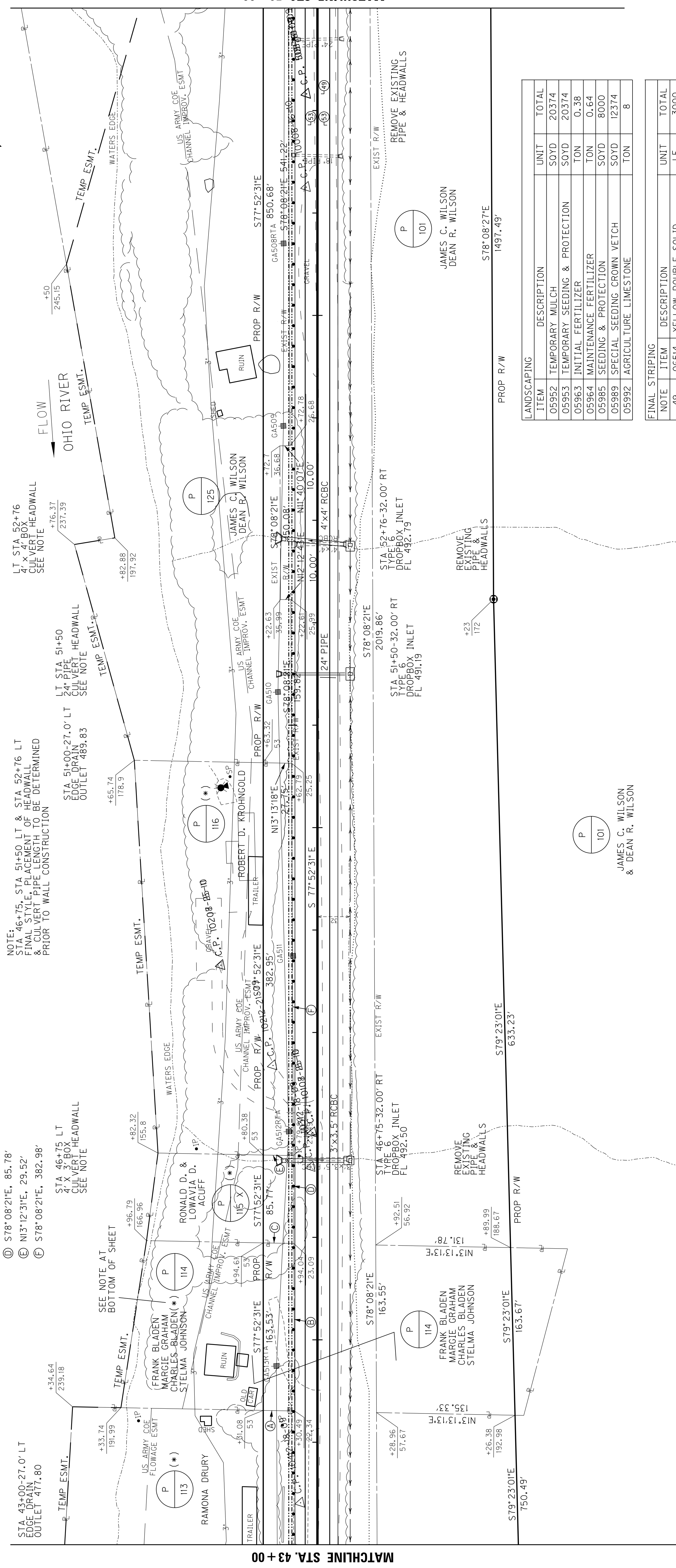
55+00

50+00

45+00

REVISED 5-13-21

- (A) N13°13'13"E, 30.67'
- (B) S78°08'21"E, 163.55'
- (C) N13°13'13"E, 29.91'
- (D) S78°08'21"E, 85.78'
- (E) N13°12'31"E, 29.52'
- (F) S78°08'21"E, 382.98'



LANDSCAPING ITEM	DESCRIPTION	UNIT	TOTAL
05952	TEMPORARY MULCH	SOYD	20374
05953	TEMPORARY SEEDING & PROTECTION	SOYD	20374
05963	INITIAL FERTILIZER	TON	0.38
05964	MAINTENANCE FERTILIZER	TON	0.64
05985	SEEDING & PROTECTION	SOYD	8000
05989	SPECIAL SEEDING CROWN VETCH	SOYD	12374
05992	AGRICULTURE LIMESTONE	TON	8

FINAL STRIPING NOTE	DESCRIPTION	UNIT	TOTAL
49	YELLOW DOUBLE SOLID	LF	3000
53	WHITE SINGLE SOLID 4"	LF	3000

RIGHT OF WAY MONUMENT	TY	EA	EA
02429	WITNESS POST	EA	1
02432	WITNESS POST	EA	1

GUARDRAIL ITEM	DESCRIPTION	UNIT	TOTAL
21802EN	G/R STEEL W BEAM S FACE (7 FT POST)	LF	1500
01987	DELINEATOR FOR GUARDRAIL B/W	EA	30

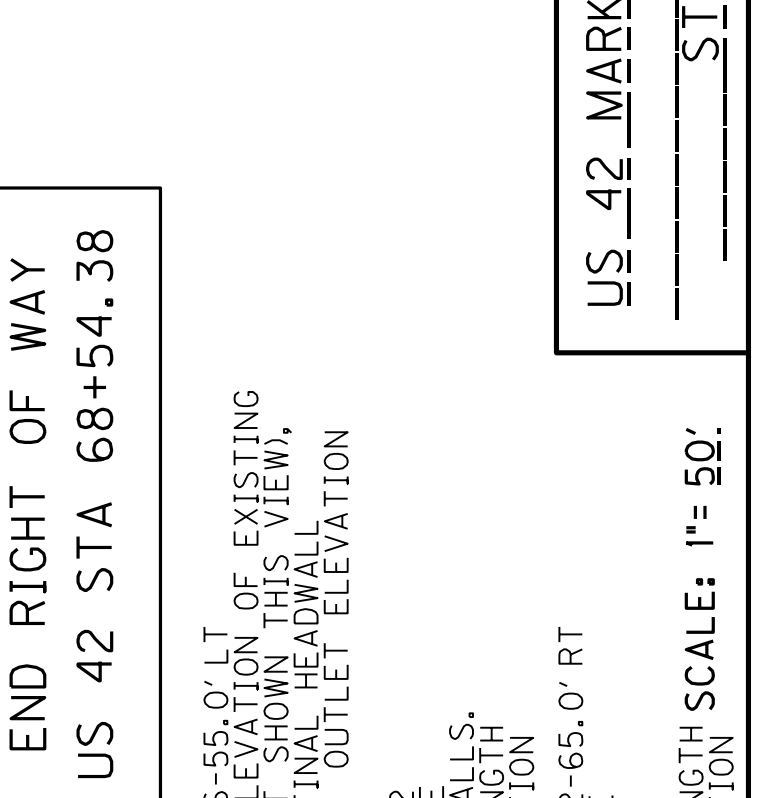
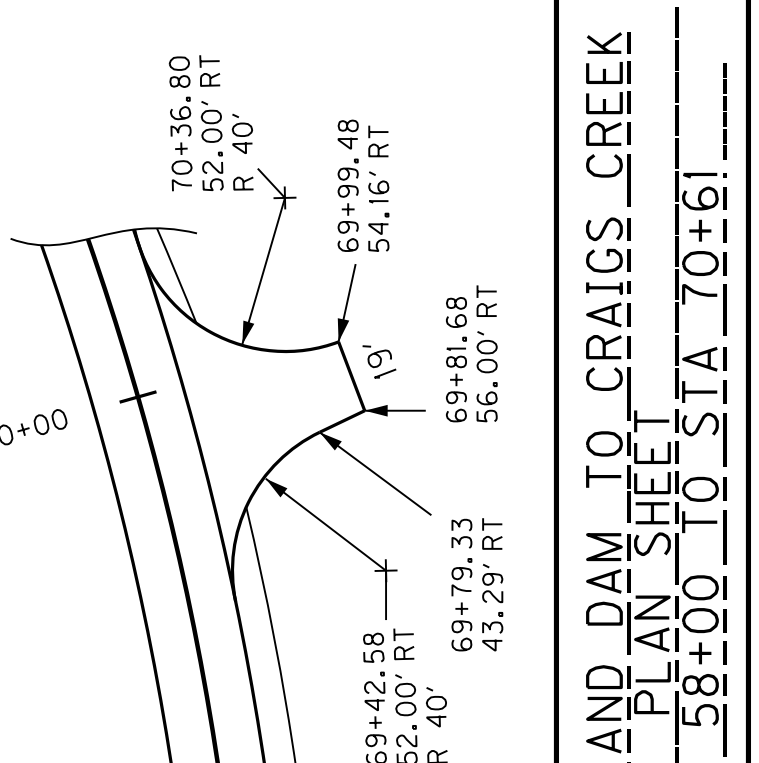
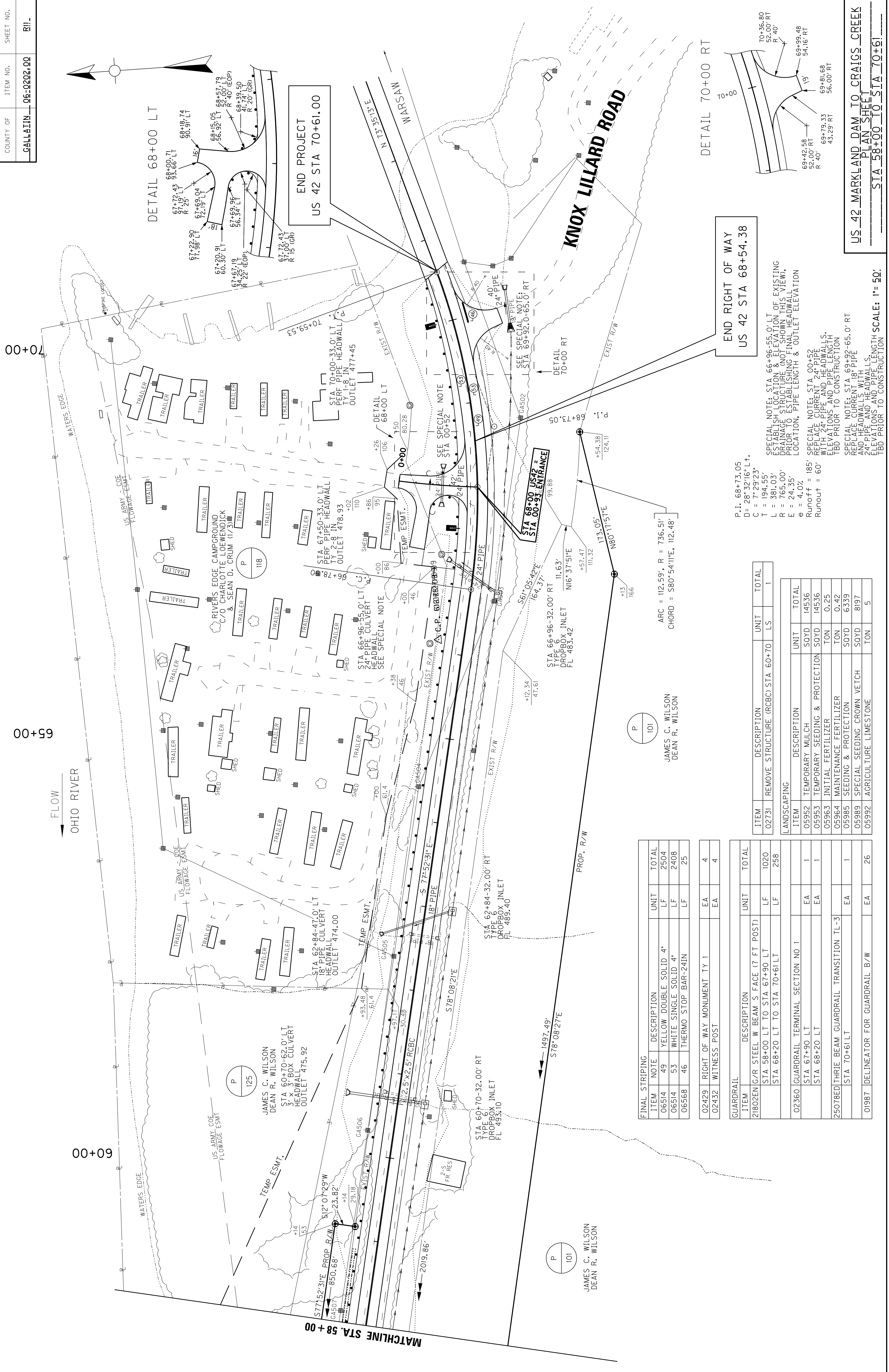
ITEM	DESCRIPTION	UNIT	TOTAL
02731	REMOVE STRUCTURE (RCBC) STA 47+00	LS	1
02731	REMOVE STRUCTURE (RCBC) STA 52+75	LS	1

(\* ) NO DIRECT ACCESS TO US 42 PROVIDED WITH THIS PROJECT FOR PARCELS 113, 114, 115 AND 116

US 42 MARKLAND DAM TO CRAIGS CREEK PLAN SHEET STA 43+00 TO STA 58+00

SCALE: 1"= 50'





**END RIGHT OF WAY**  
**US 42 STA 68+54.38**

**END PROJECT**  
**US 42 STA 70+61.00**

**STA 68+00 US 42 = STA 00+93 ENTRANCE**

**STA 66+96-32.00' RT TYPE 6 DROPBOX INLET FL 483.42**

**STA 62+84-32.00' RT TYPE 6 DROPBOX INLET FL 489.40**

**STA 60+70-32.00' RT TYPE 6 DROPBOX INLET FL 493.10**

**STA 60+70-62.0' LT PERFORATED BOX CULVERT OUTLET 475.92**

**STA 62+84-47.0' LT 18\"/>**

**LANDSCAPING**

ITEM	DESCRIPTION (RCBC)	STA	UNIT	TOTAL
02731	REMOVE STRUCTURE (RCBC)	STA 60+70	LS	1

**LANDSCAPING**

ITEM	DESCRIPTION	UNIT	TOTAL
05952	TEMPORARY MULCH	SOYD	14536
05953	TEMPORARY SEEDING & PROTECTION	SOYD	14536
05963	INITIAL FERTILIZER	TON	0.25
05964	MAINTENANCE FERTILIZER	TON	0.42
05985	SEEDING & PROTECTION	SOYD	6339
05989	SPECIAL SEEDING CROWN VETCH	SOYD	8197
05992	AGRICULTURE LIMESTONE	TON	5

**FINAL STRIPING**

ITEM	NOTE	DESCRIPTION	UNIT	TOTAL
06514	49	YELLOW DOUBLE SOLID 4"	LF	2504
06514	53	WHITE SINGLE SOLID 4"	LF	2408
06568	46	THERMO STOP BAR-24IN	LF	25

**RIGHT OF WAY MONUMENT TY 1**

ITEM	DESCRIPTION	UNIT	TOTAL
02429	RIGHT OF WAY MONUMENT TY 1	EA	4
02432	WITNESS POST	EA	4

**GUARDRAIL**

ITEM	DESCRIPTION	UNIT	TOTAL
21802EN	G/R STEEL W BEAM S FACE (7 FT POST)	LF	1020
	STA 58+00 LT TO STA 67+90 LT	LF	258
	STA 68+20 LT TO STA 70+61 LT	LF	258

**GUARDRAIL TERMINAL SECTION NO. 1**

ITEM	DESCRIPTION	UNIT	TOTAL
STA 67+90 LT	EA	1	
STA 68+20 LT	EA	1	

**THREE BEAM GUARDRAIL TRANSITION TL-3**

ITEM	DESCRIPTION	UNIT	TOTAL
STA 70+61 LT	EA	1	

**DELINEATOR FOR GUARDRAIL B/W**

ITEM	DESCRIPTION	UNIT	TOTAL
01987	DELINEATOR FOR GUARDRAIL B/W	EA	26

**ARC = 112.59', R = 736.51'**  
**CHORD = S80°54'11"E, 112.48'**

**ARC = 116.63', R = 736.51'**  
**CHORD = S80°54'11"E, 112.48'**

**ARC = 113.32', R = 736.51'**  
**CHORD = S80°54'11"E, 112.48'**

**LANDSCAPING**

ITEM	DESCRIPTION	UNIT	TOTAL
05952	TEMPORARY MULCH	SOYD	14536
05953	TEMPORARY SEEDING & PROTECTION	SOYD	14536
05963	INITIAL FERTILIZER	TON	0.25
05964	MAINTENANCE FERTILIZER	TON	0.42
05985	SEEDING & PROTECTION	SOYD	6339
05989	SPECIAL SEEDING CROWN VETCH	SOYD	8197
05992	AGRICULTURE LIMESTONE	TON	5

**LANDSCAPING**

ITEM	DESCRIPTION	UNIT	TOTAL	
02731	REMOVE STRUCTURE (RCBC)	STA	UNIT	TOTAL

**LANDSCAPING**

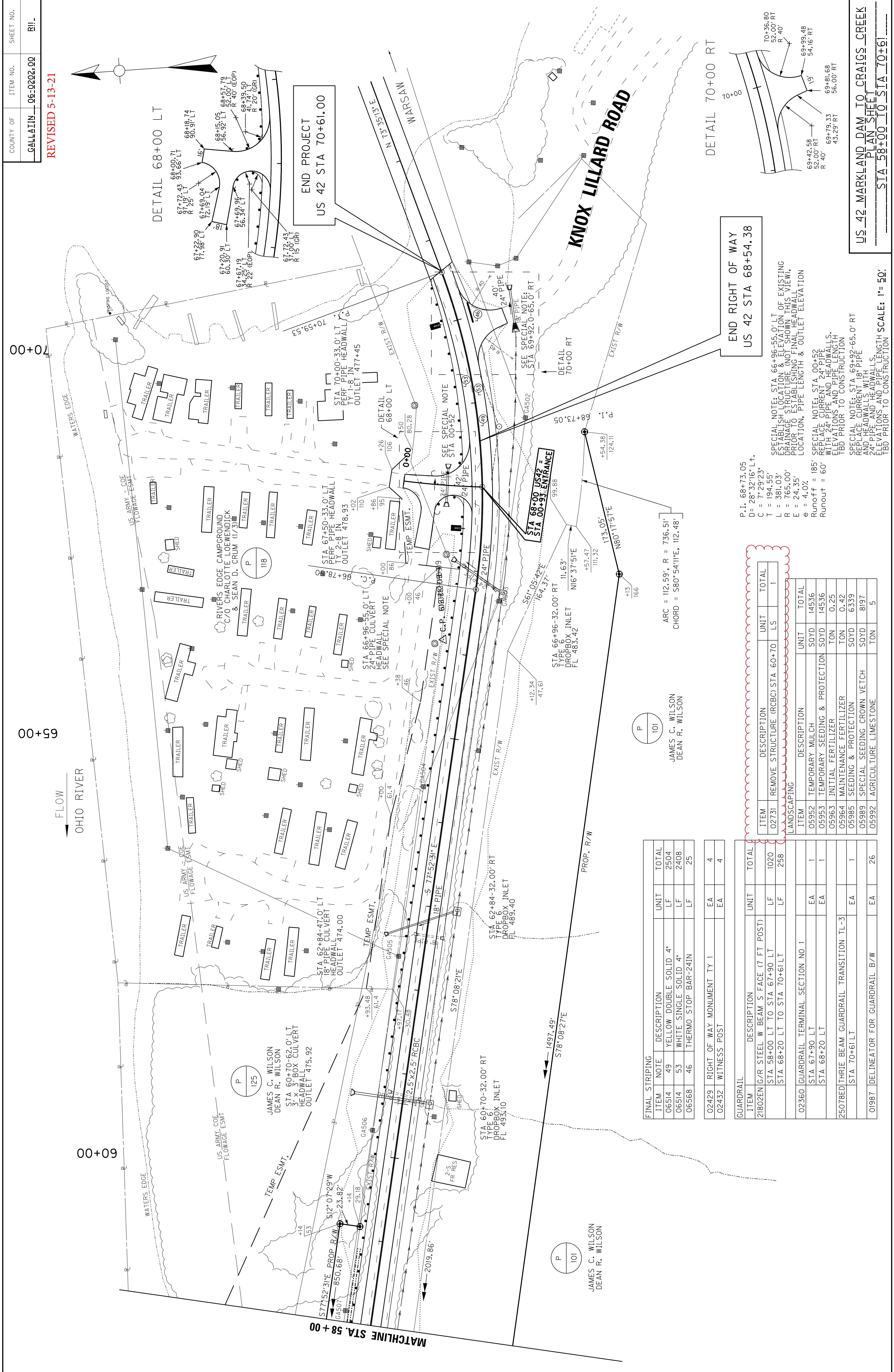
ITEM	DESCRIPTION	UNIT	TOTAL	
02731	REMOVE STRUCTURE (RCBC)	STA	UNIT	TOTAL

**LANDSCAPING**

ITEM	DESCRIPTION	UNIT	TOTAL	
02731	REMOVE STRUCTURE (RCBC)	STA	UNIT	TOTAL



**REVISED 5-13-21**



**FINAL STRIPING**

ITEM	NOTE	DESCRIPTION	UNIT	TOTAL
06514	49	YELLOW DOUBLE SOLID 4"	LF	2504
06514	53	WHITE SINGLE SOLID 4"	LF	2408
06568	46	THERMO STOP BAR-24IN	LF	25

**RIGHT OF WAY MONUMENT**

ITEM	DESCRIPTION	TY	EA	4
02429	RIGHT OF WAY MONUMENT	TY 1	EA	4
02432	WITNESS POST		EA	4

**GUARDRAIL**

ITEM	DESCRIPTION	UNIT	TOTAL
21802EN	G/R STEEL W. BEAM S. FACE (7 FT POST)		
	STA 58+00 LT TO STA 67+90 LT	LF	1020
	STA 68+20 LT TO STA 70+61 LT	LF	258
02360	GUARDRAIL TERMINAL SECTION NO. 1		
	STA 67+90 LT	EA	1
	STA 68+20 LT	EA	1
25078ED	THRIE BEAM GUARDRAIL TRANSITION TL-3		
	STA 70+61 LT	EA	1
01987	DELINEATOR FOR GUARDRAIL B/W	EA	26

**LANDSCAPING**

ITEM	DESCRIPTION (RCBC) STA 60+70	UNIT	TOTAL
02731	REMOVE STRUCTURE (RCBC) STA 60+70	LS	1

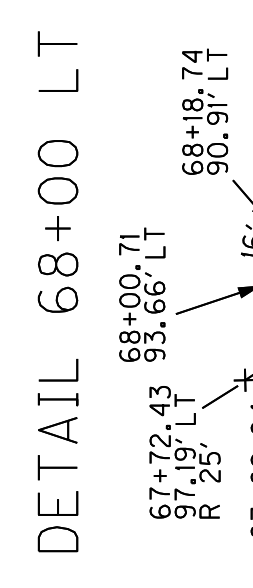
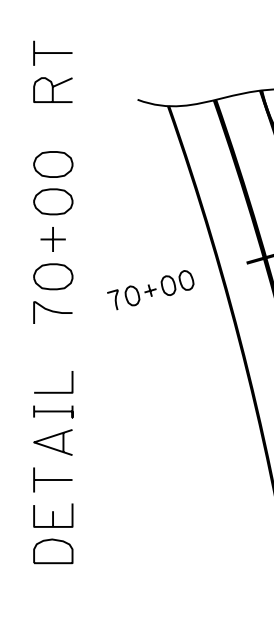
ITEM	DESCRIPTION	UNIT	TOTAL
05952	TEMPORARY MULCH	SOYD	14536
05953	TEMPORARY SEEDING & PROTECTION	SOYD	14536
05963	INITIAL FERTILIZER	TON	0.25
05964	MAINTENANCE FERTILIZER	TON	0.42
05985	SEEDING & PROTECTION	SOYD	6339
05989	SPECIAL SEEDING CROWN VETCH	SOYD	8197
05992	AGRICULTURE LIMESTONE	TON	5

P.I. = 68+73.05  
D = 28\*32'16" LT.  
C = 7\*29'23"  
T = 194.55'  
L = 381.03'  
R = 765.00'  
E = 24.35'  
e = 4.0%  
Runoff = 185'  
Runout = 60'

SPECIAL NOTE: STA 66+96-55.0' LT ESTABLISH LOCATION & ELEVATION OF EXISTING DRAINAGE STRUCTURE (NOT SHOWN THIS VIEW) PRIOR TO ESTABLISHING FINAL HEADWALL LOCATION, PIPE LENGTH & OUTLET ELEVATION

SPECIAL NOTE: STA 68+00-93' ENTRANCE WITH 24" PIPE AND HEADWALLS. ELEVATIONS AND PIPE LENGTH TBD PRIOR TO CONSTRUCTION

SPECIAL NOTE: STA 69+92-65.0' RT REPLACE CURRENT 18" PIPE AND HEADWALLS WITH 24" PIPE AND HEADWALLS. ELEVATIONS AND PIPE LENGTH TBD PRIOR TO CONSTRUCTION



**END PROJECT**  
**US 42 STA 70+61.00**

**END RIGHT OF WAY**  
**US 42 STA 68+54.38**

ARC = 112.59', R = 736.51'  
CHORD = S80°54'11"E, 112.48'

JAMES C. WILSON  
DEAN R. WILSON

JAMES C. WILSON  
DEAN R. WILSON