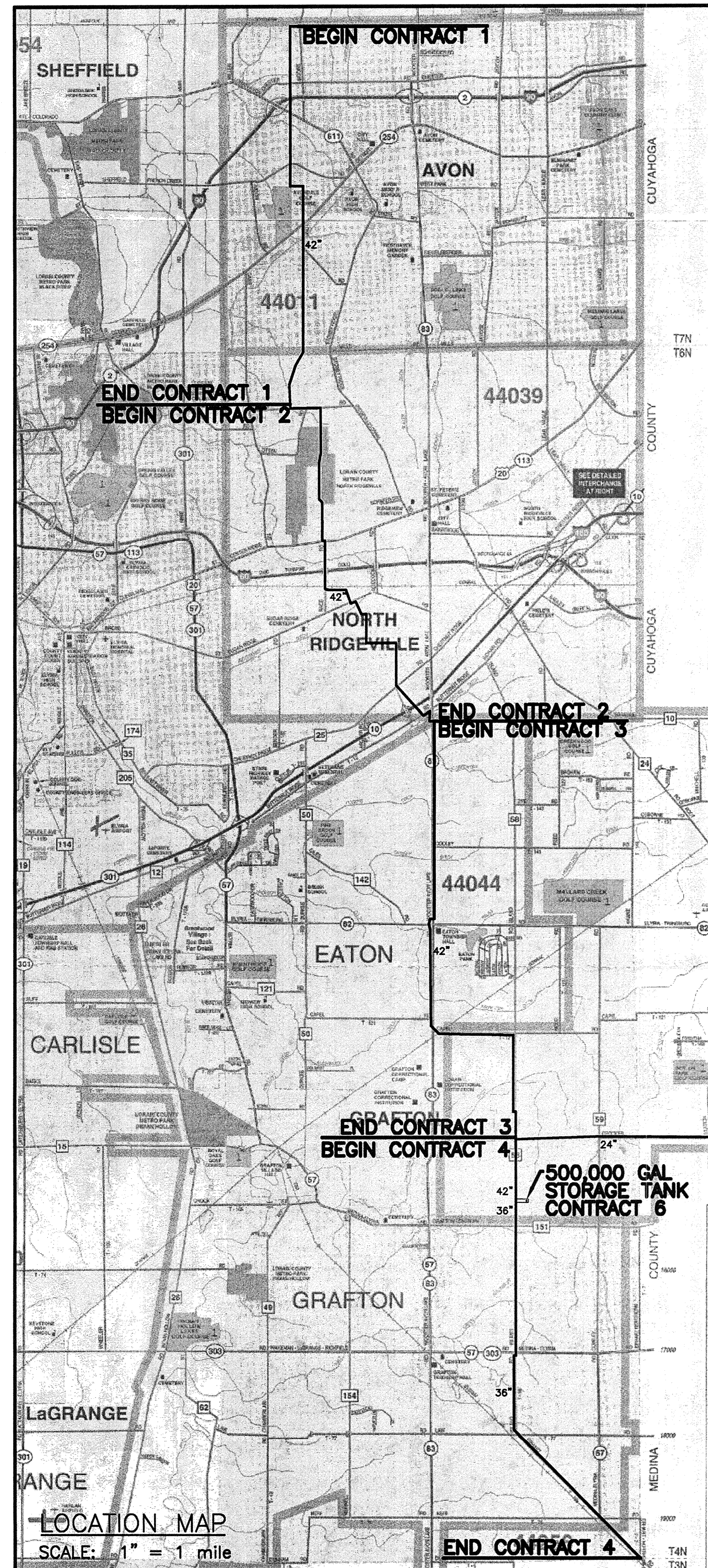


AVON LAKE MUNICIPAL UTILITIES

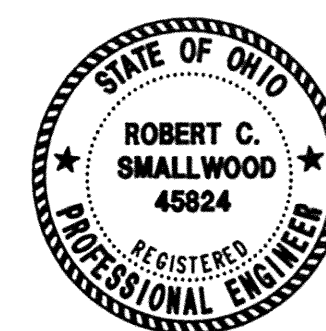
EASTERN TRANSMISSION LINE NO. 2 CONTRACT NO. 2

DWG. No.	INDEX OF DRAWINGS
1	- VICINITY MAP, LEGEND, & UTILITY INFORMATION
20	- PLAN & PROFILE STA. 259+95 TO STA. 262+50
21	- PLAN & PROFILE STA. 262+50 TO STA. 277+50
22	- PLAN & PROFILE STA. 277+50 TO STA. 292+50
23	- PLAN & PROFILE STA. 292+50 TO STA. 307+00
24	- PLAN & PROFILE STA. 307+00 TO STA. 320+00
25	- PLAN & PROFILE STA. 320+00 TO STA. 335+00
26	- PLAN & PROFILE STA. 335+00 TO STA. 350+00
27	- PLAN & PROFILE STA. 350+00 TO STA. 364+00
28	- PLAN & PROFILE STA. 364+00 TO STA. 379+00
29	- PLAN & PROFILE STA. 379+00 TO STA. 394+00
30	- PLAN & PROFILE STA. 394+00 TO STA. 403+00
31	- PLAN & PROFILE STA. 403+00 TO STA. 415+00
32	- PLAN & PROFILE STA. 415+00 TO STA. 430+00
33	- PLAN & PROFILE STA. 430+00 TO STA. 444+00
34	- PLAN & PROFILE STA. 444+00 TO STA. 459+00
35	- PLAN & PROFILE STA. 459+00 TO STA. 474+00
36	- PLAN & PROFILE STA. 474+00 TO STA. 484+00
37	- PLAN & PROFILE STA. 484+00 TO STA. 499+00
38	- PLAN & PROFILE STA. 499+00 TO STA. 514+00
39	- PLAN & PROFILE STA. 514+00 TO STA. 529+00
40	- PLAN & PROFILE STA. 529+00 TO STA. 533+50
41	- PLAN & PROFILE STA. 533+50 TO STA. 535+78
WD1	- W. SIDE DRAINAGE DETAILS
WD2	- E. SIDE DRAINAGE DETAILS
EC1	- EROSION CONTROL



GRW Engineers, Inc.
Engineers, Architects, Planners

801 CORPORATE DRIVE - LEXINGTON, KY. 40503
PH. (606)223-3999 FAX (606)223-8917
LEXINGTON LOUISVILLE NASHVILLE INDIANAPOLIS

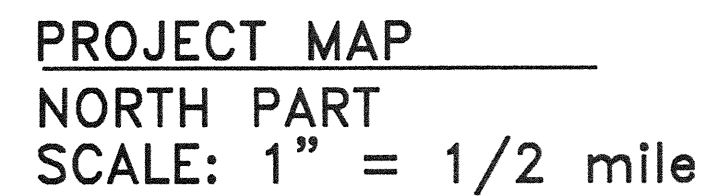


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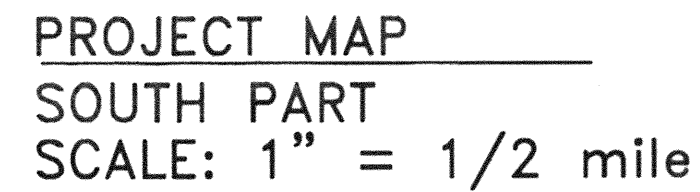
AVON LAKE MUNICIPAL UTILITIES
JOHN KNEPPER
DIRECTOR OF UTILITIES

GRW PROJECT NO. 2788
CONTRACT 2

1999



ENGINEER/ARCHITECT: GRW ENGINEERS
CONSTRUCTION COMPANY: EXCAVATION TECHNOLOGIES
DATE: AUGUST, 2001



NOT TO BE USED FOR CONSTRUCTION OF OTHER THAN THE SPECIFIC PROJECT WHICHO THE ENGINEER HAS BEEN LICENSED TO DESIGN			
NO.	DESCRIPTION	DATE	BY
	REVISIONS		

STATE OF OHIO

★ ROBERT C. SMALLWOOD

45824

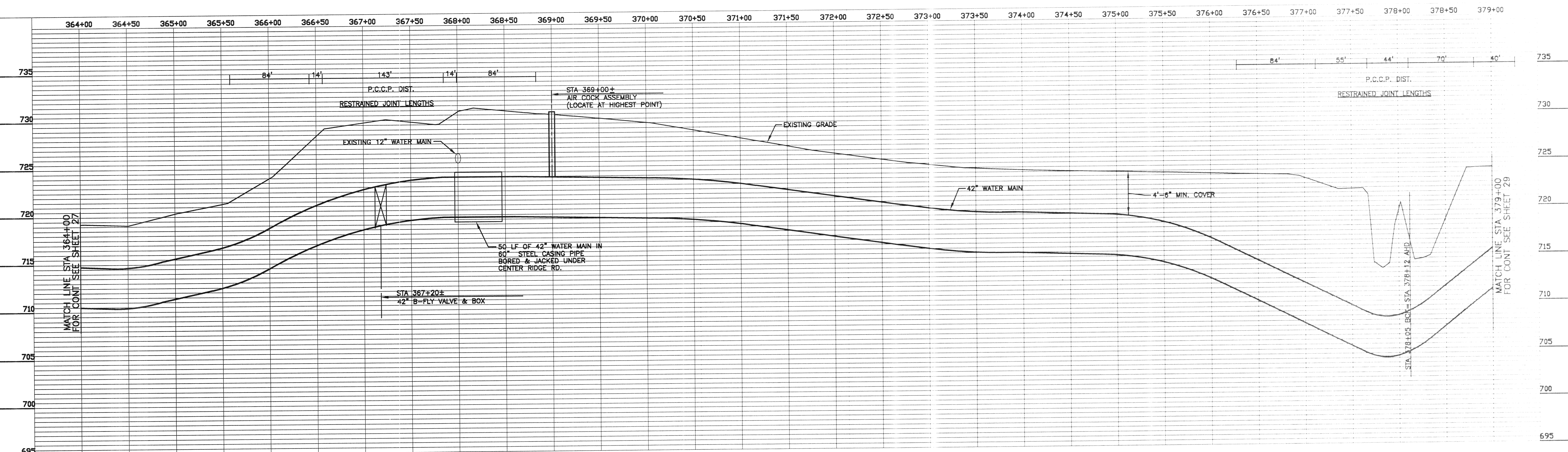
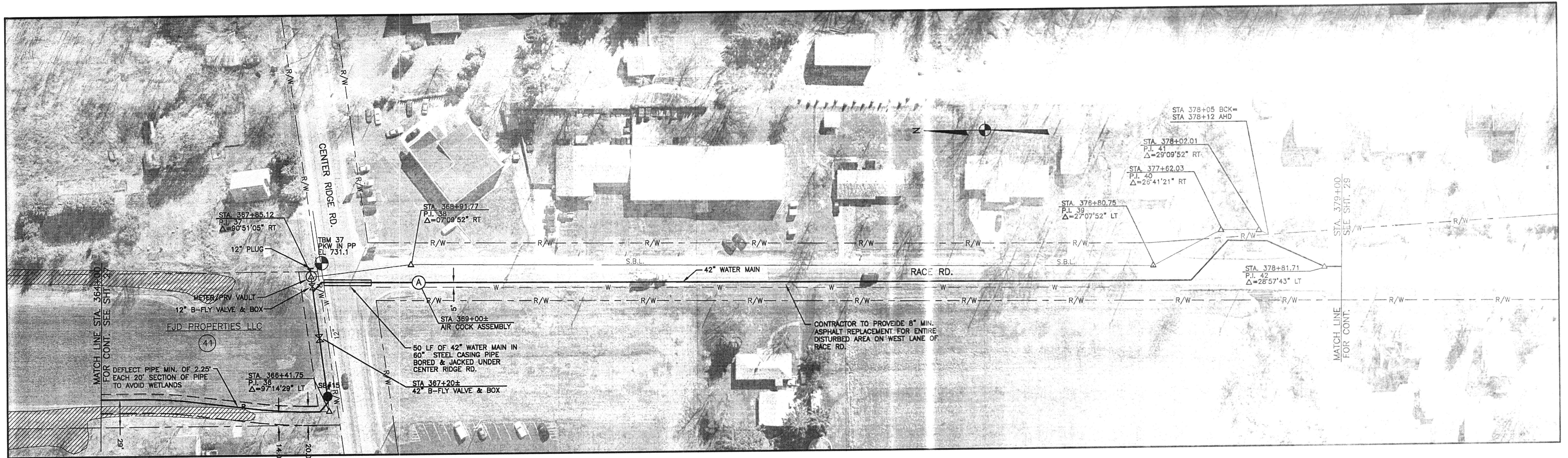
REGISTERED PROFESSIONAL ENGINEER

COLUMBIA GAS TRANSMISSION, MIKE ENRIGHT, (404) 647-4322
RURAL LORAIN CO. WATER AUTHORITY, (440) 773-5638
COLUMBIA GAS, EDDIE COATES, (440) 240-6116
ATT, PAT BRILEY, (216) 496-8203
BUCKEYE PIPELINE, BOYD MARTIN, (800) 437-7593
FIRST ENERGY (FORMERLY CEI), CARLOS MUNOZ, (800) 633-4766
MCI WORLDCOM, NICK LOVREKOVIC, (330) 426-9816
EAST OHIO GAS, (330) 723-4900

DESIGNED:	DATE:
DLT	DEC. 1999
DRAWN:	SCALE:
DLT	
REVIEWED:	SHEET NO.
RCS	1
APPROVED:	
RCS	

DATE: DECEMBER 1999

FILE NAME: 2789-28



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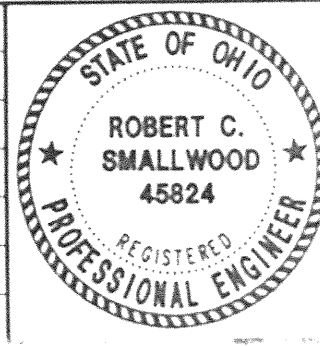
GRW
GRW Engineers, Inc.
Engineers, Architects, Planners
LEXINGTON, LOUISVILLE, NASHVILLE, INDIANAPOLIS

ENGINEER/ARCHITECT: GRW ENGINEERS

CONSTRUCTION COMPANY: EXCAVATION TECHNOLOGIES

DATE: AUGUST, 2001

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RELOCATED LINE	8/17/00 WJB
NO.	DESCRIPTION
DATE	BY
REVISIONS	



GRW PROJECT NO. 2788

LINE "A"
STA. 364+00 TO STA. 379+00
EASTERN TRANSMISSION LINE #2
AVON LAKE MUNICIPAL UTILITIES

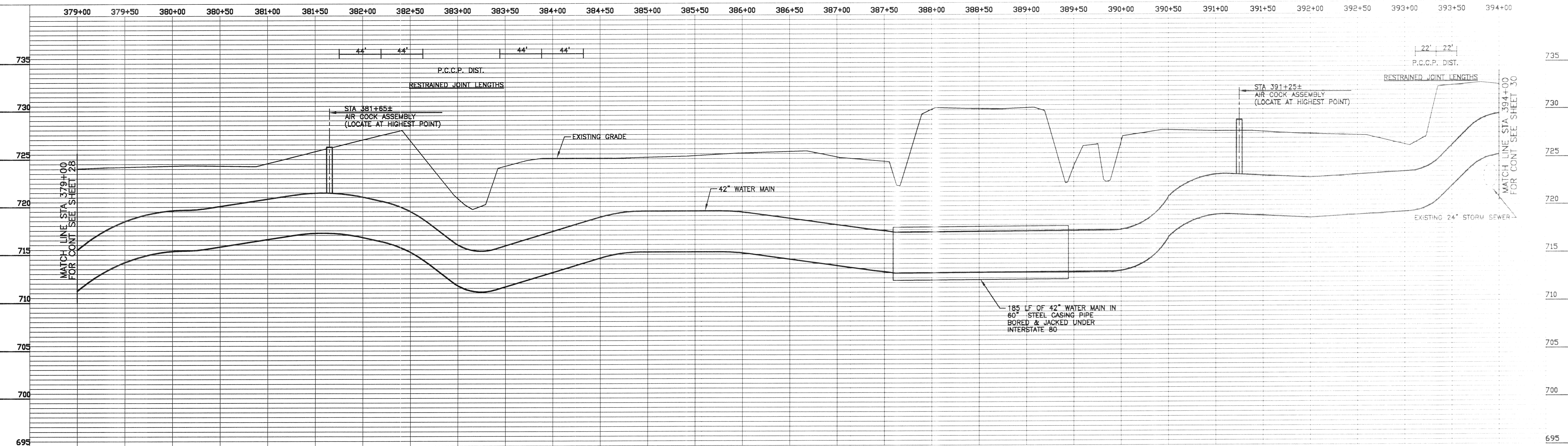
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DESIGNED	DATE
DRAWN	REVISION
CHECKED	DATE
APPROVED	DATE
DATE	DATE

28

DATE: DECEMBER 1999

FILE NAME: 2788-29



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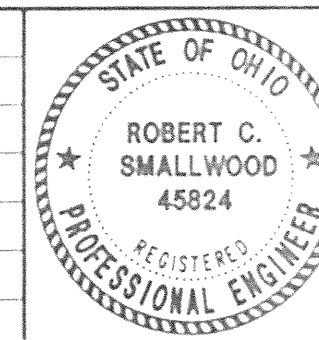
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LEXINGTON, LOUISVILLE, NASHVILLE, INDIANAPOLIS

ENGINEER/ARCHITECT: GRW ENGINEERS

CONSTRUCTION COMPANY: EXCAVATION TECHNOLOGIES

DATE: AUGUST, 2001

REVISIONS			
NO.	DESCRIPTION	DATE	BY



GRW PROJECT NO. 2788

LINE "A"
STA. 379+00 TO STA. 394+00
EASTERN TRANSMISSION LINE #2
AVON LAKE MUNICIPAL UTILITIES

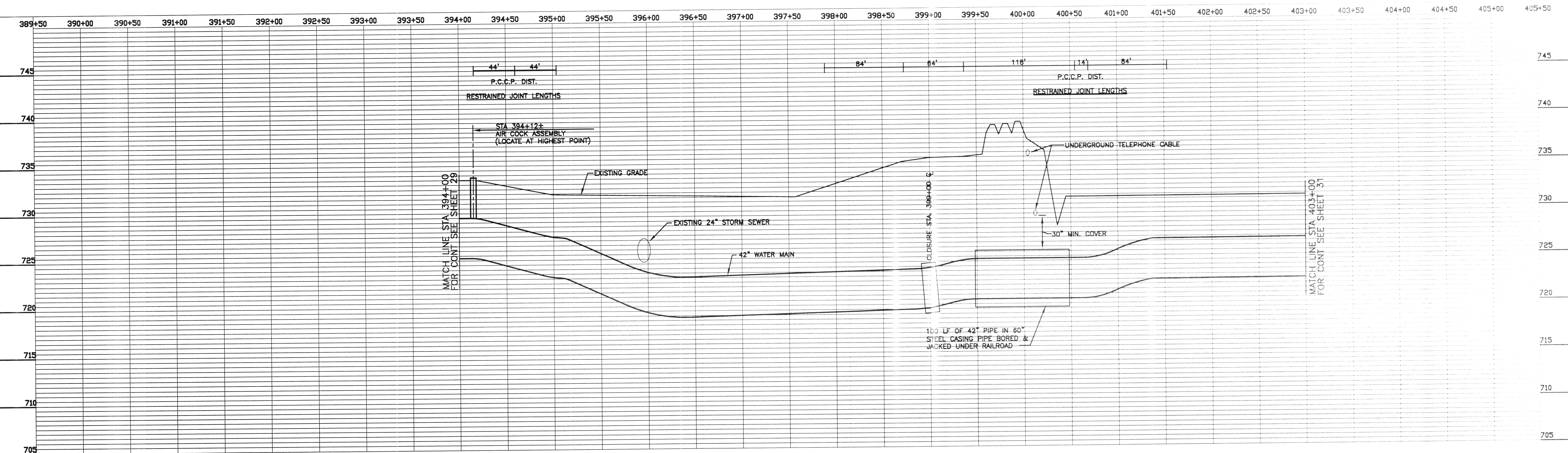
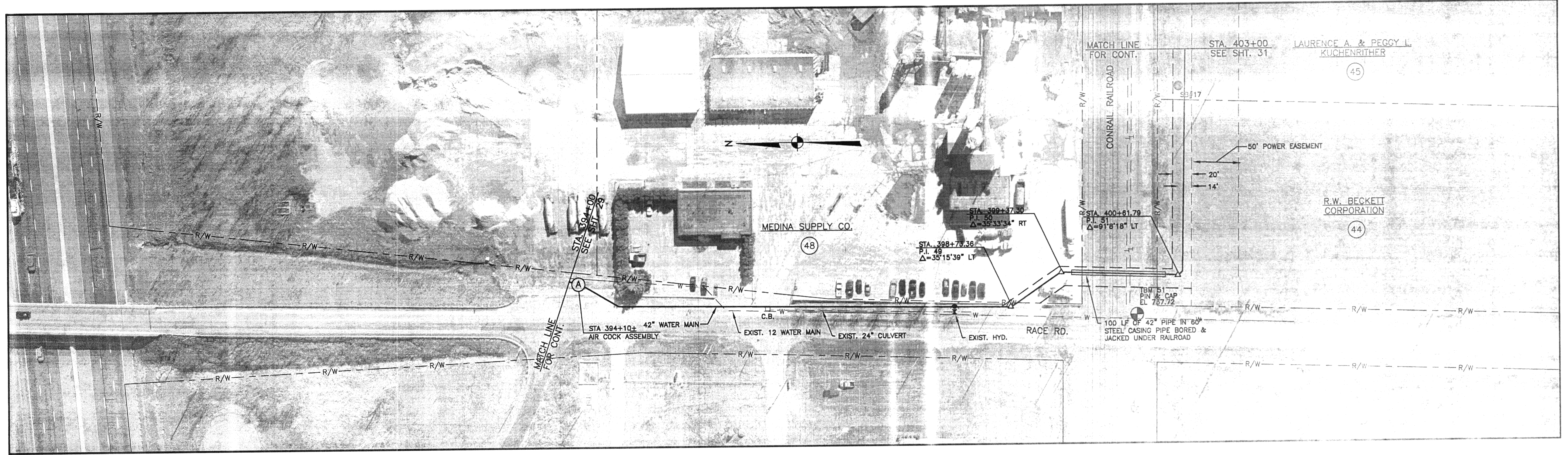


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DESIGNED	DATE
DRAWN	CHECKED
REVISED	DATE
APPROVED	DATE

DATE: DECEMBER 1999

FILE NAME: 2788-30



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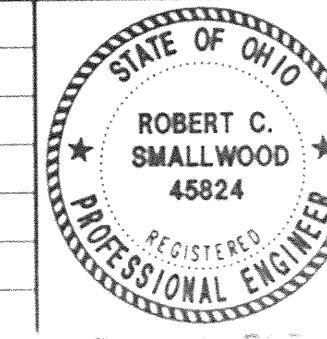
GRW Engineers, Inc.
Engineers, Architects, Planners
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ENGINEER/ARCHITECT: GRW ENGINEERS

CONSTRUCTION COMPANY: EXCAVATION TECHNOLOGIES

DATE: AUGUST, 2001

REVISIONS		
NO.	DESCRIPTION	DATE BY



GRW PROJECT NO. 2788

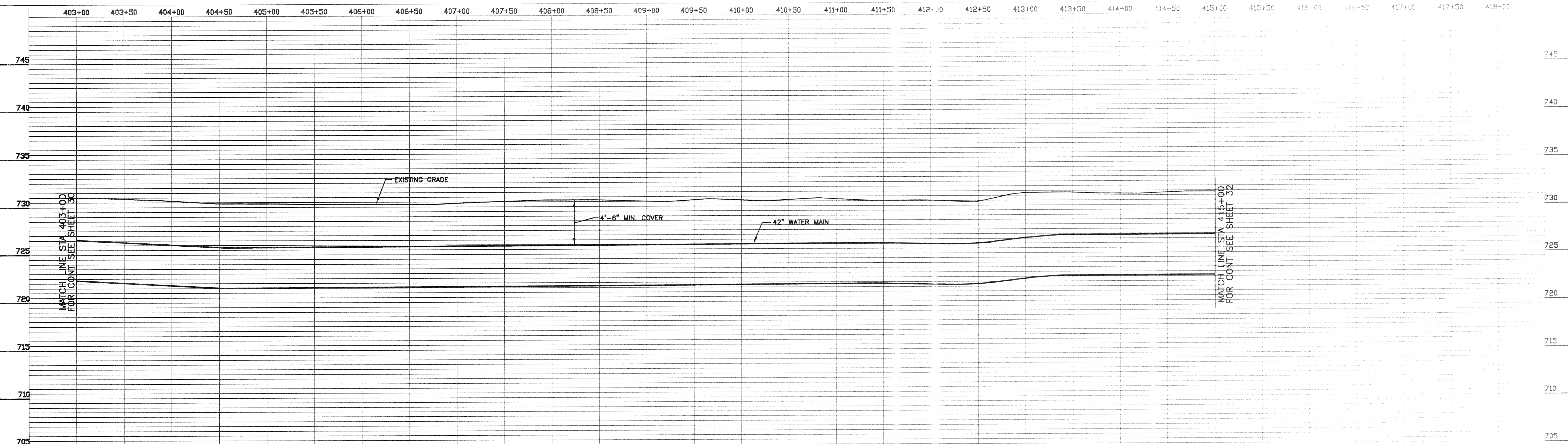
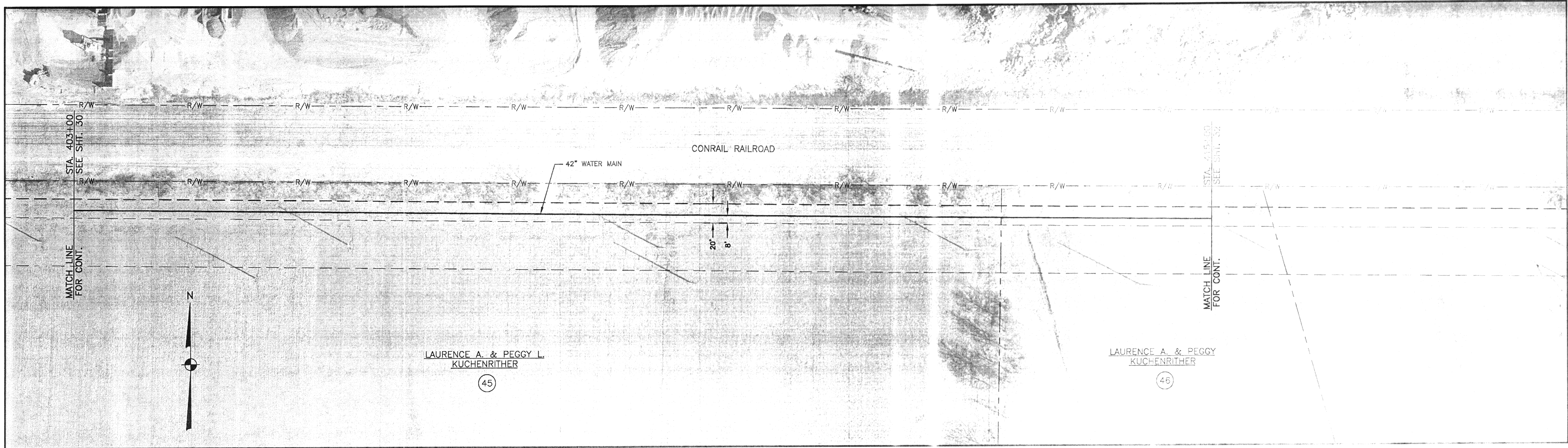
LINE "A"
STA. 394+00 TO STA. 403+00
EASTERN TRANSMISSION LINE #2
AVON LAKE MUNICIPAL UTILITIES

GRW Engineers, Inc.
Engineers, Architects, Planners
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DESIGNED: DLT	DATE: DECEMBER 1999
DRAWN: DLT	SCALE: 1" = 50'-0"
REVIEWED: ROS	CHECKED: DLT
APPROVED: ROS	30

FILE NAME: 2788- 31

DATE: DECEMBER 1999



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LEXINGTON, LOUISVILLE, NASHVILLE, INDIANAPOLIS

ENGINEER/ARCHITECT: GRW ENGINEERS

CONSTRUCTION COMPANY: EXCAVATION TECHNOLOGIES

DATE: AUGUST, 2001

REVISIONS			
NO.	DESCRIPTION	DATE	BY



GRW PROJECT NO. 2788

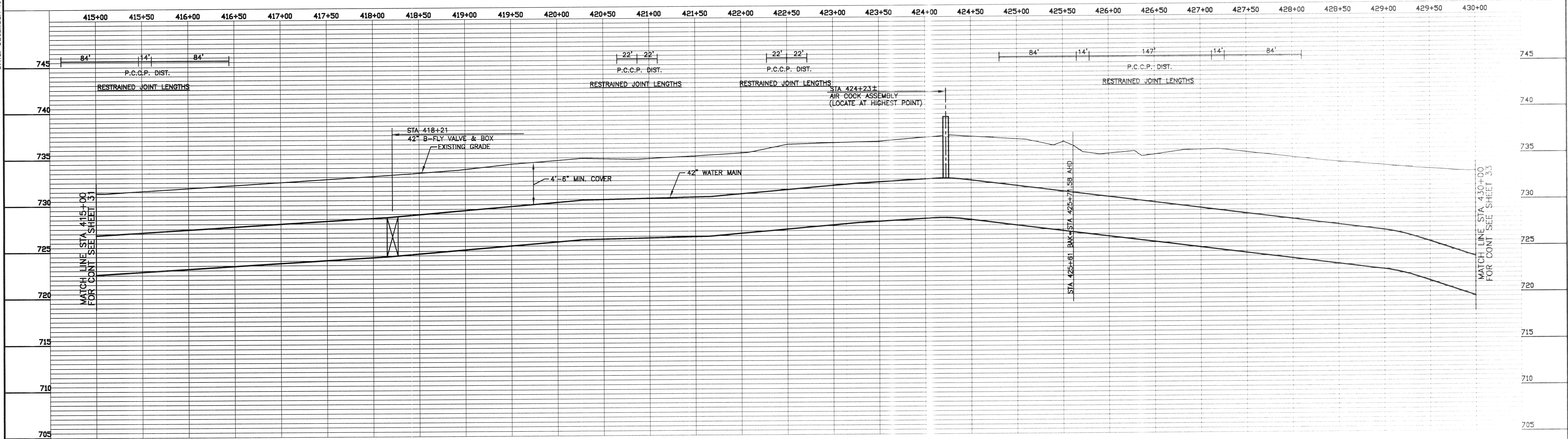
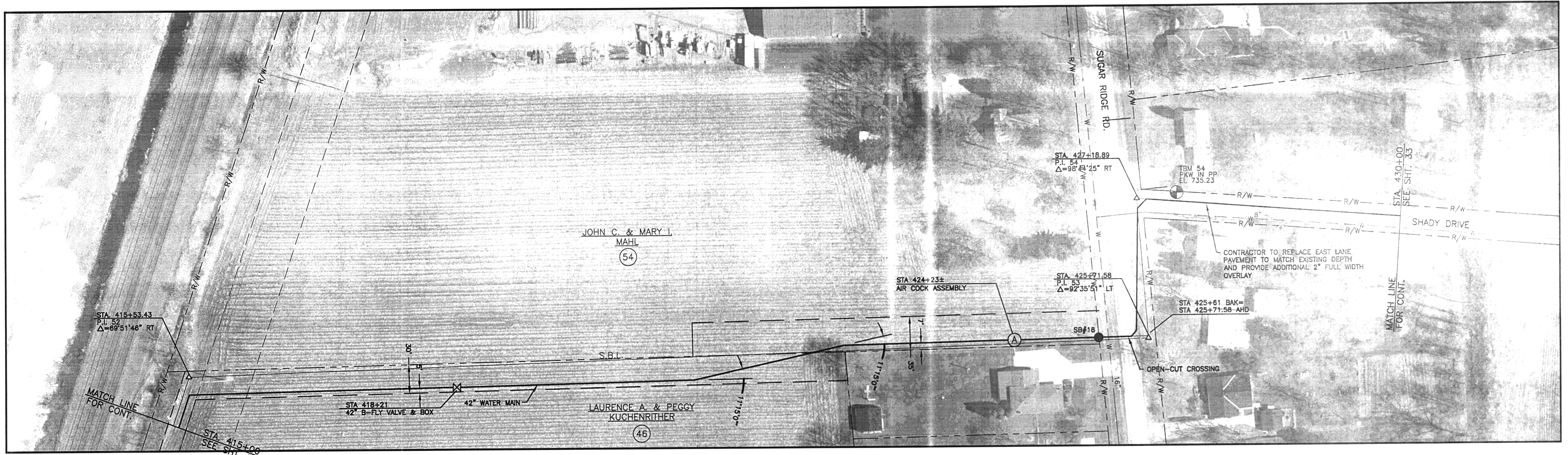
LINE "A"
STA. 403+00 TO STA. 415+00
EASTERN TRANSMISSION LINE #2
AVON LAKE MUNICIPAL UTILITIES

DESIGNED DLT	DATE DECEMBER 1999
DRAWN DLT	SCALE 1" = 50'-0"
REVIEWED RCS	SHEET NO.
APPROVED RCS	31

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Engineers, Architects, Planners
LEXINGTON LOUISVILLE NASHVILLE INDIANAPOLIS

DATE: DECEMBER 1999

FILE NAME: 2788-32



NOTES:

1. WHEN EXCAVATION IS REQUIRED WITHIN 5' OF AN EXISTING UTILITY POLE (MAINTAIN MIN. 5' OF UNDISTURBED EARTH), THE CONTRACTOR SHALL PROVIDE TEMPORARY SUPPORT THROUGH THE EFFECTED UTILITY COMPANY. THIS WORK IS NOT A PAY ITEM.

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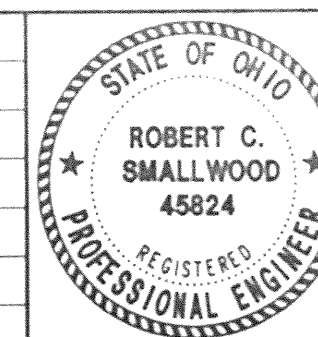
ENGINEER/ARCHITECT: GRW ENGINEERS

CONSTRUCTION COMPANY: EXCAVATION TECHNOLOGIES

DATE: AUGUST, 2001

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NO.	DESCRIPTION	DATE	BY



LINE "A"
STA. 415+00 TO STA. 430+00
EASTERN TRANSMISSION LINE #2
AVON LAKE MUNICIPAL UTILITIES

GRW
Engineers, Architects, Planners

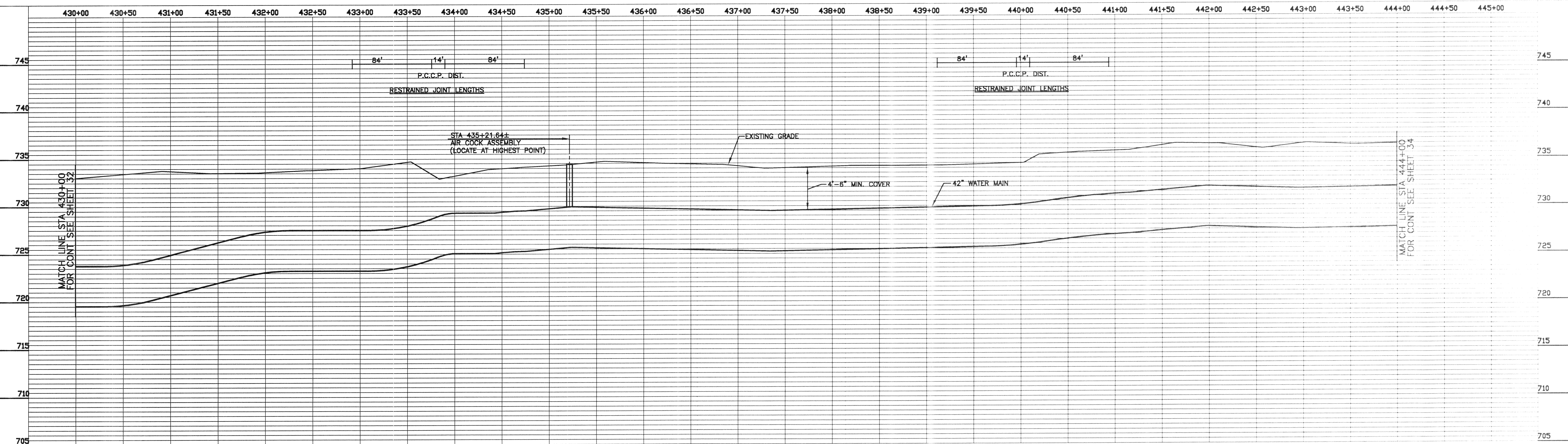
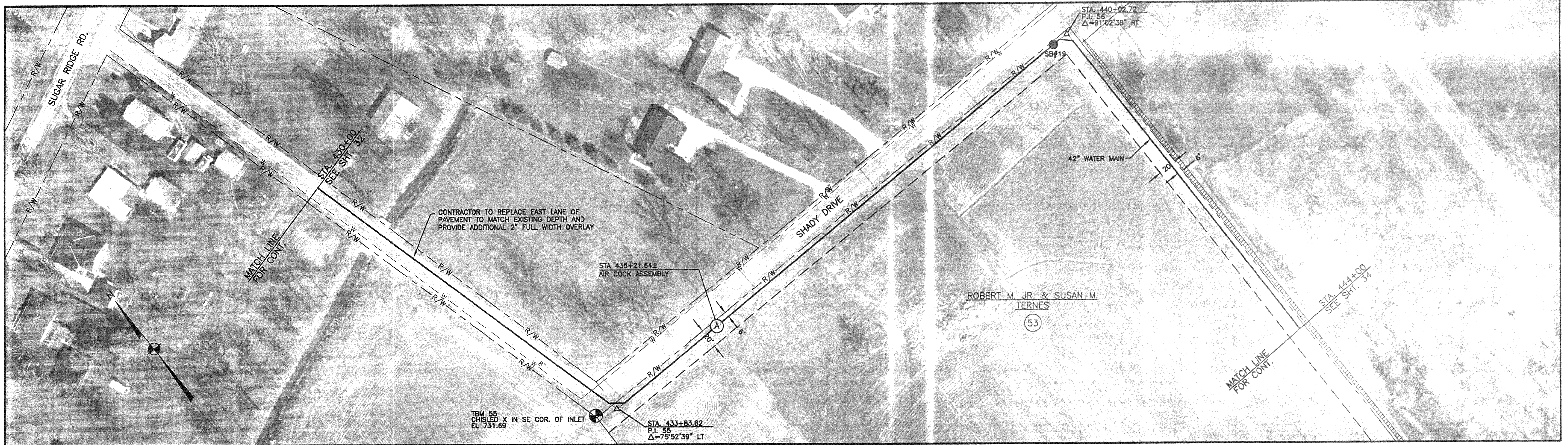
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DESIGN	DATE
DRAWN	DATE
CHECKED	DATE
REVIEWED	DATE
APPROVED	DATE
RCS	DATE

32

DATE: DECEMBER 1999

FILE NAME: 2788-33



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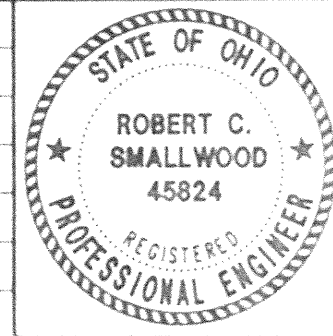
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ENGINEER/ARCHITECT: GRW ENGINEERS

CONSTRUCTION COMPANY: EXCAVATION TECHNOLOGIES

DATE: AUGUST, 2001

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1	REVISED ALIGNMENT	1/01 DLT
REVISIONS		
NO.	DESCRIPTION	DATE BY



GRW PROJECT NO. 2788

LINE "A"
STA. 430+00 TO STA. 444+00
EASTERN TRANSMISSION LINE #2
AVON LAKE MUNICIPAL UTILITIES

GRW Engineers, Inc.
Engineers, Architects, Planners
LEXINGTON, LOUISVILLE, NASHVILLE, INDIANAPOLIS

DESIGNED	BY
DRAWN	BY
CHECKED	BY
APPROVED	BY

33