WHITE TANKS FRS #4 OUTLET FACILITY

APPENDIX

INITIAL ALTERNATIVES EVALUATION

FINAL DESIGN CONCEPT REPORT

FCD 2008 C013
Assignment No. 3

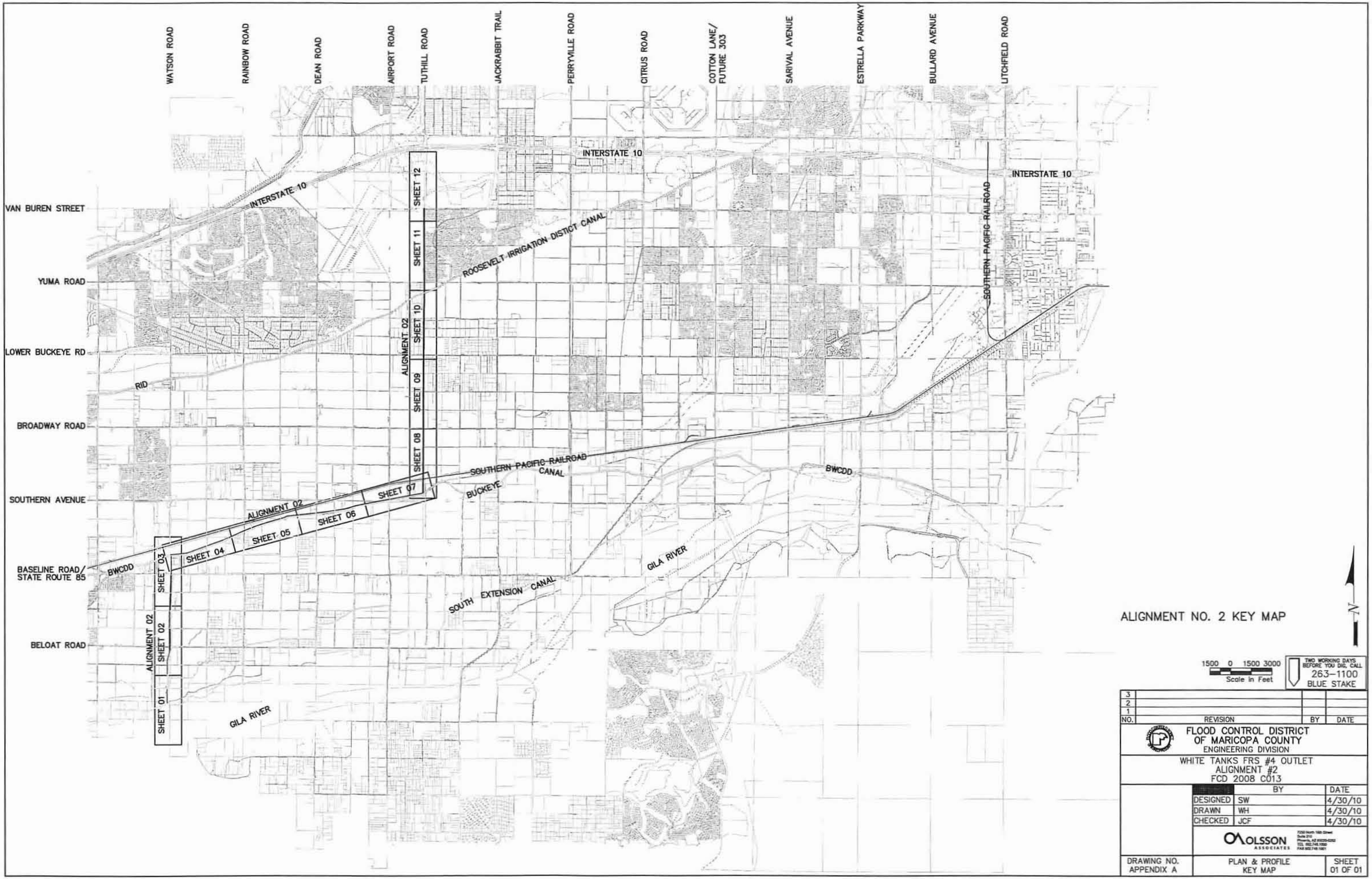
Prepared for

Flood Control District of Maricopa County

Prepared by

OLSSON ASSOCIATES

5 | 10 |10



ALIGNMENT NO. 2 KEY MAP

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1500 0 1500 3000
Scale in Feet

TWO WORKING DAYS BEFORE YOU DIG, CALL
263–1100
BLUE STAKE

NO.	REVISION	BY	DATE
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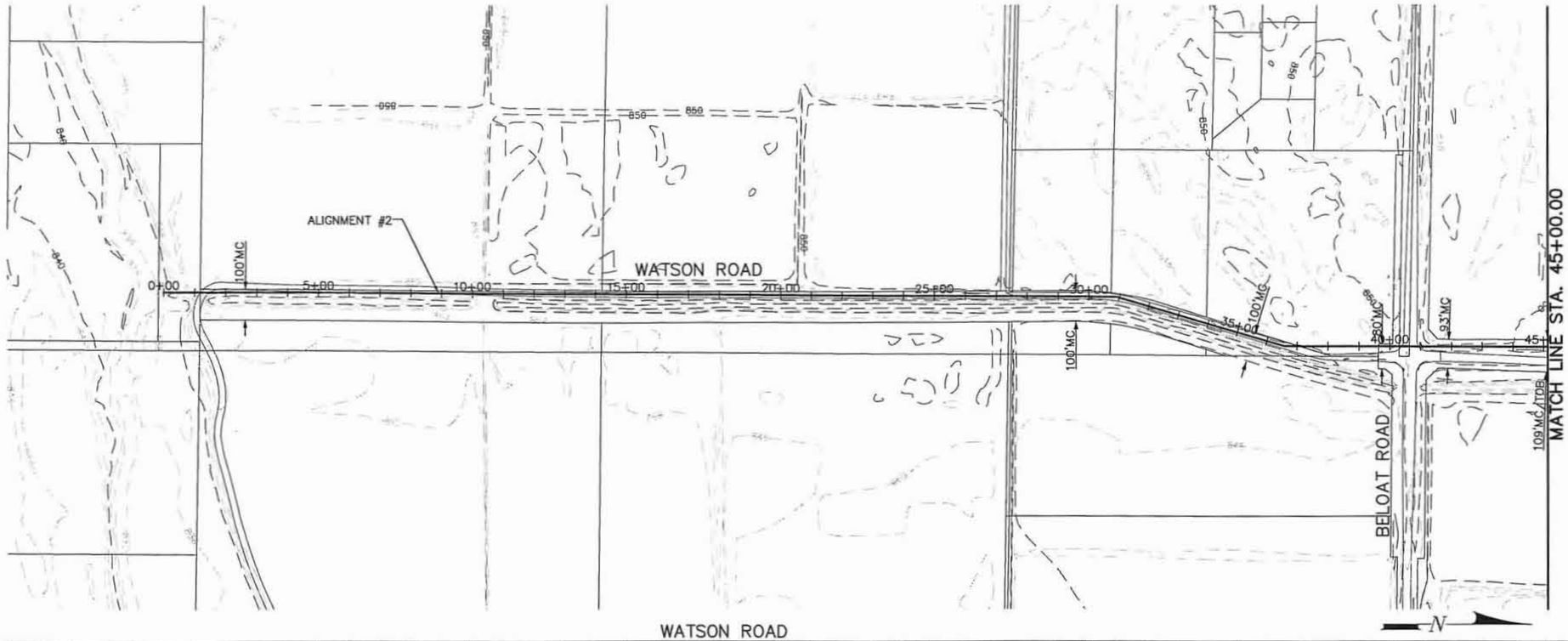
FLOOD CONTROL DISTRICT
OF MARICOPA COUNTY
ENGINEERING DIVISION

WHITE TANKS FRS #4 OUTLET
ALIGNMENT #2
FCD 2008 C013

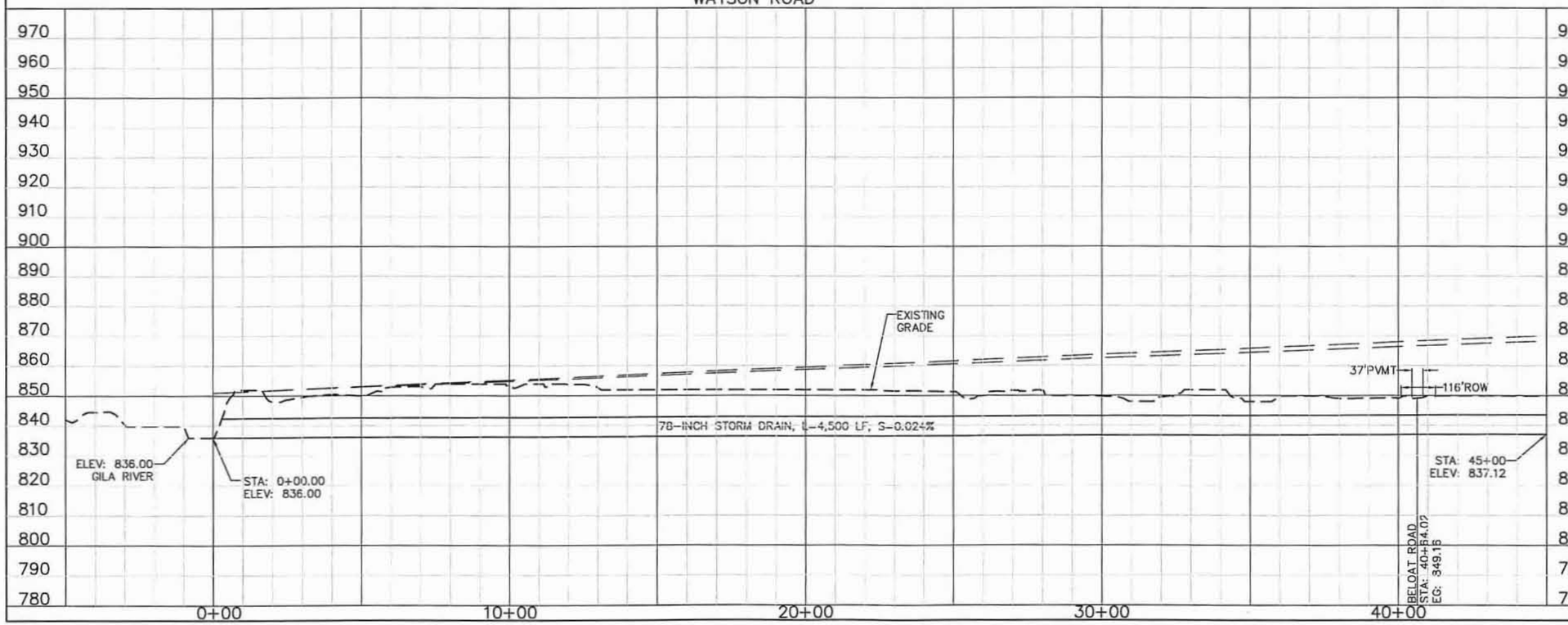
	BY	DATE
DESIGNED	SW	4/30/10
DRAWN	WH	4/30/10
CHECKED	JCF	4/30/10

OLSSON ASSOCIATES
7250 North 16th Street
Suite 210
Phoenix, AZ 85020-5292
TEL 602.748.1000
FAX 602.748.1001

DRAWING NO. APPENDIX A	PLAN & PROFILE KEY MAP	SHEET 01 OF 01



WATSON ROAD



☐ REMOVE ☐

⬠ RELOCATE ⬠

◇ RELOCATE BY OTHERS ◇

○ CONSTRUCT ○

GENERAL NOTES:
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PLANS ARE FOR CONCEPTUAL USE ONLY.

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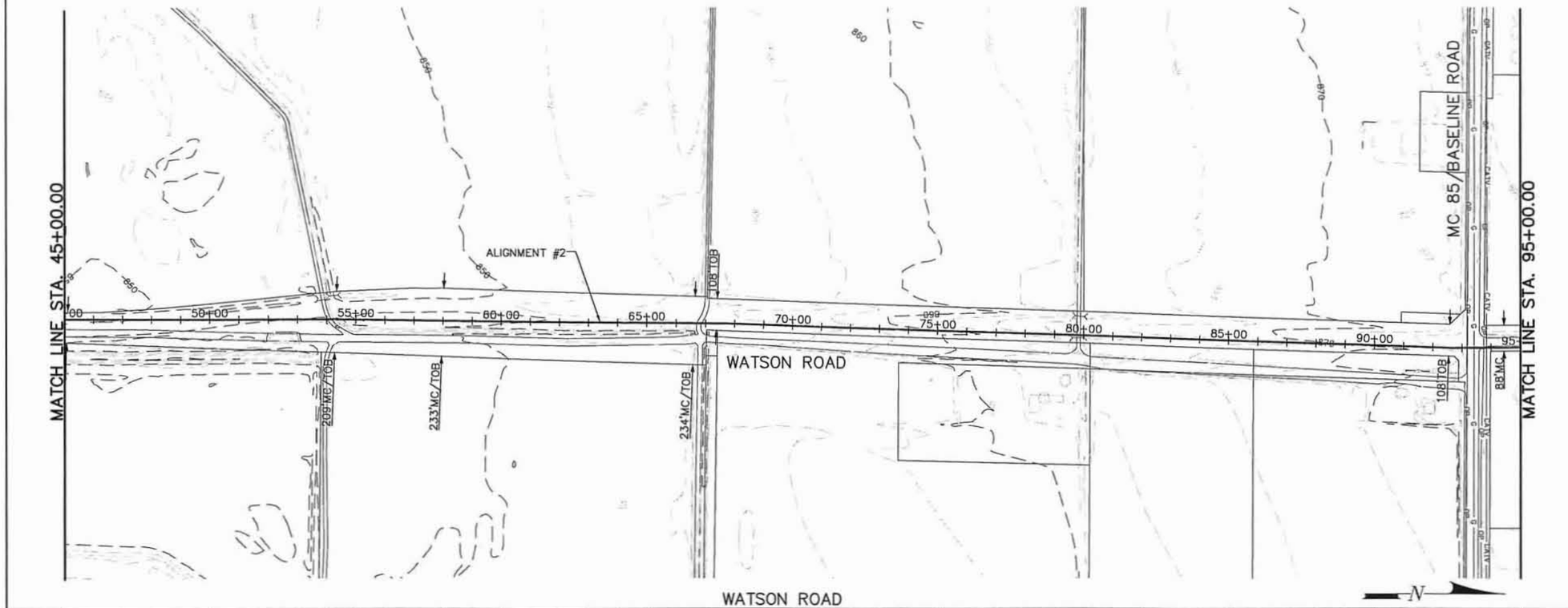
DRAWING NO.	PLAN & PROFILE	SHEET
APPENDIX A	STA 0+00.00 TO STA 45+00.00	01 OF 12



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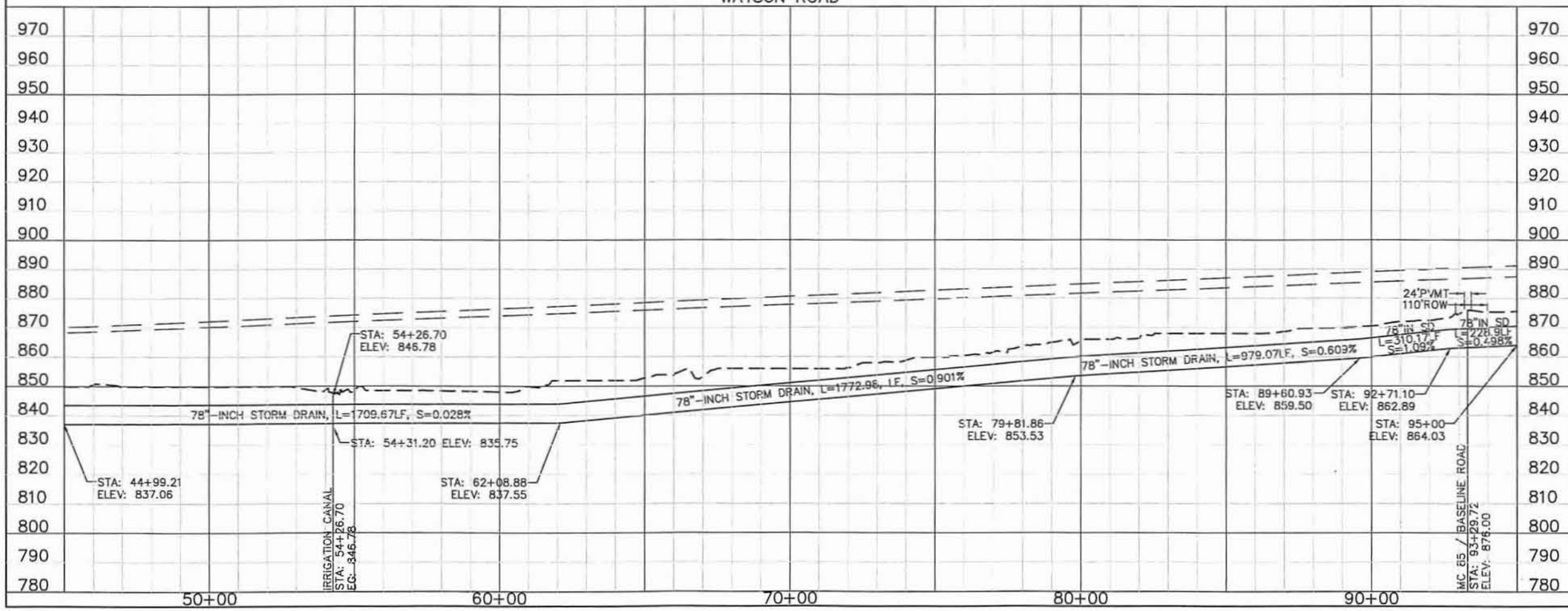

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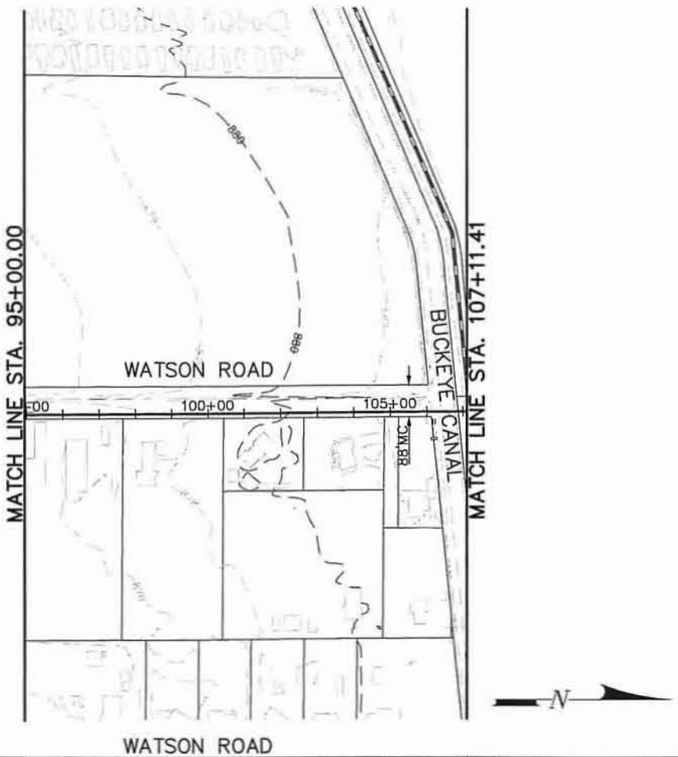
DRAWING NO.	PLAN & PROFILE	SHEET
APPENDIX A	STA 45+00.00 TO STA 95+00.00	02 OF 12



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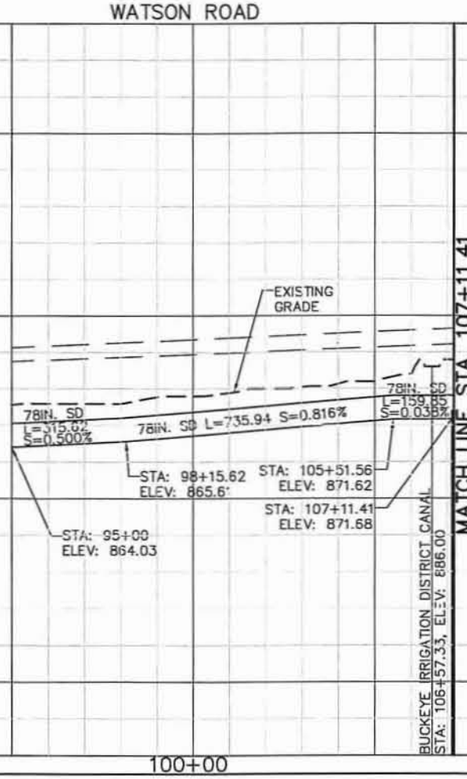

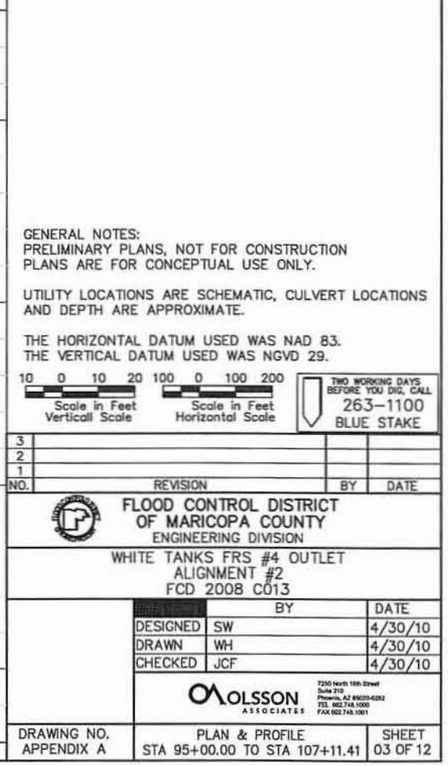

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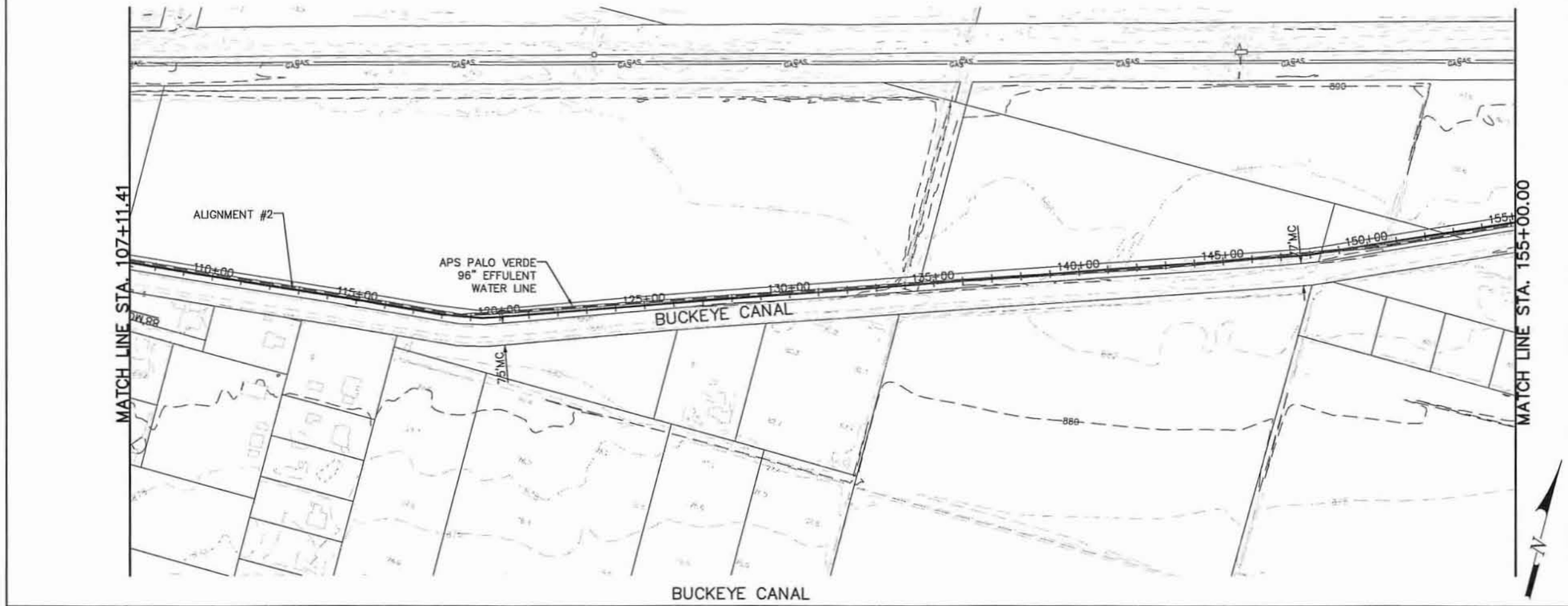
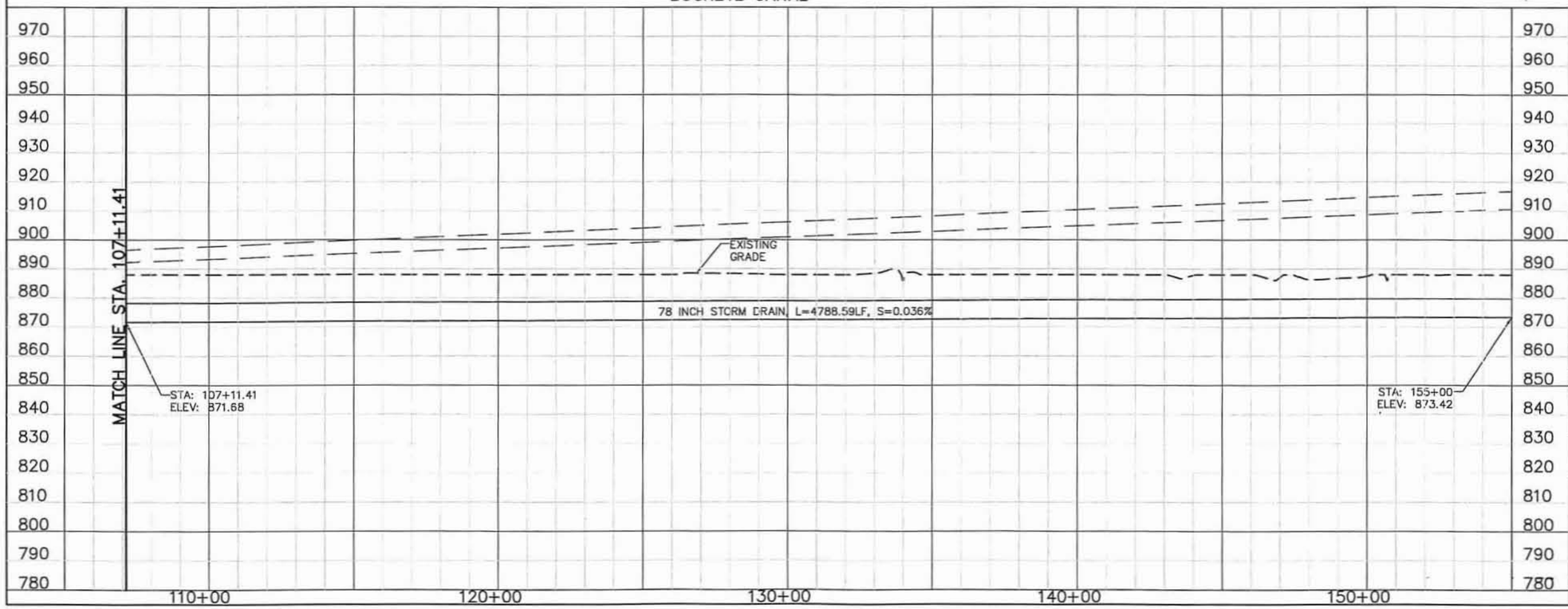
DRAWING NO.	PLAN & PROFILE	SHEET
APPENDIX A	STA 95+00.00 TO STA 107+11.41	03 OF 12



BUCKEYE CANAL



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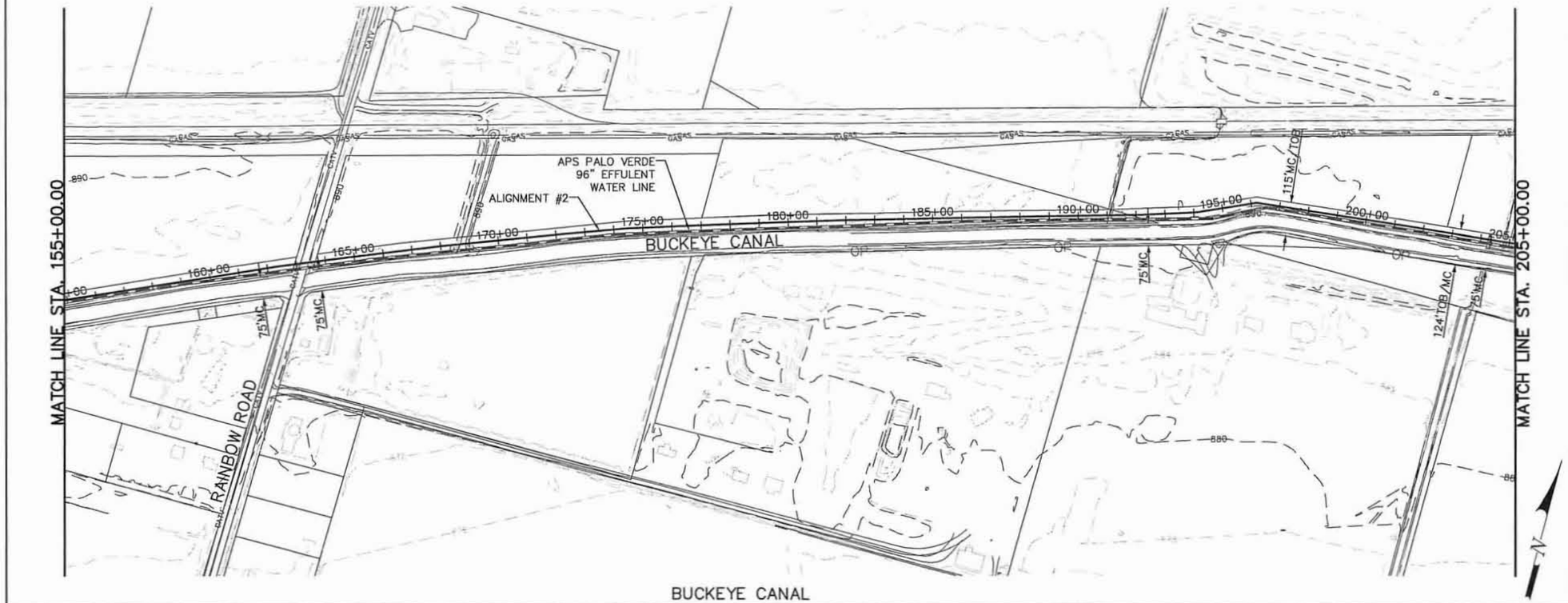
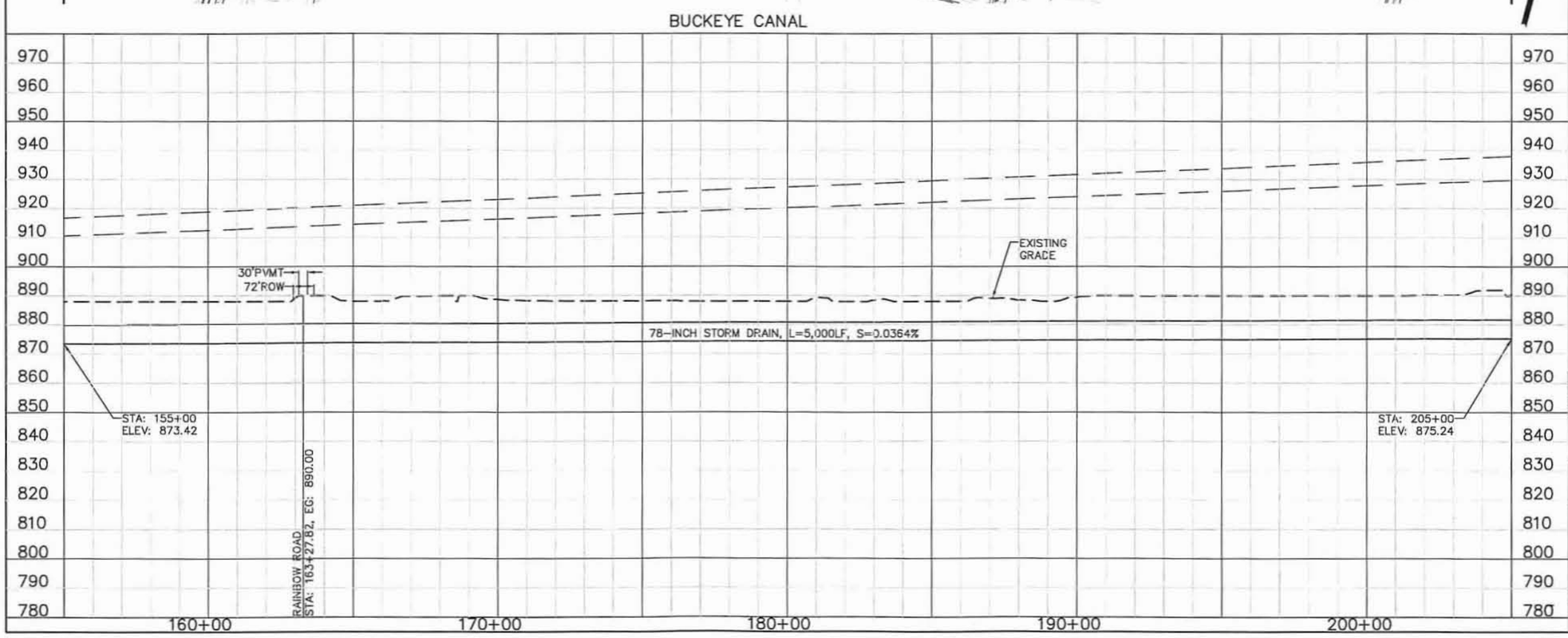
APPENDIX A	STA 107+11.41 TO STA 155+00.00	04 OF 12





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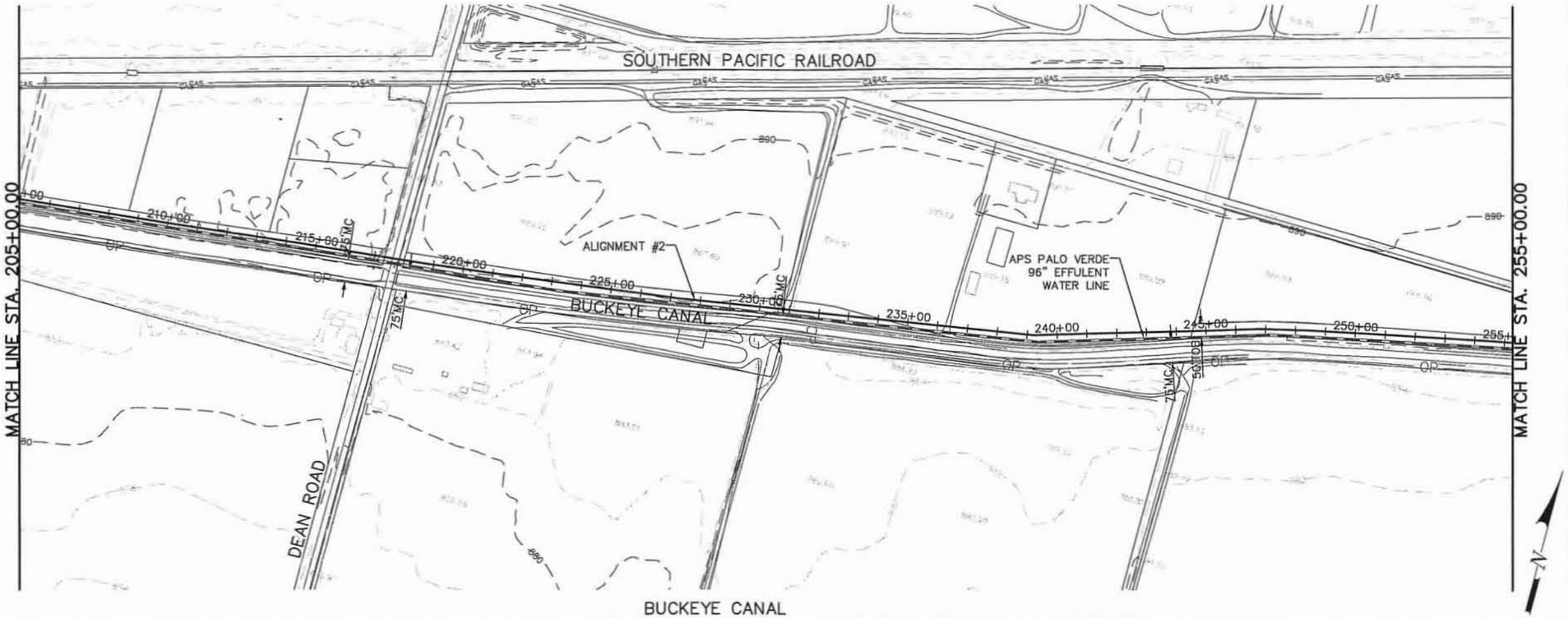
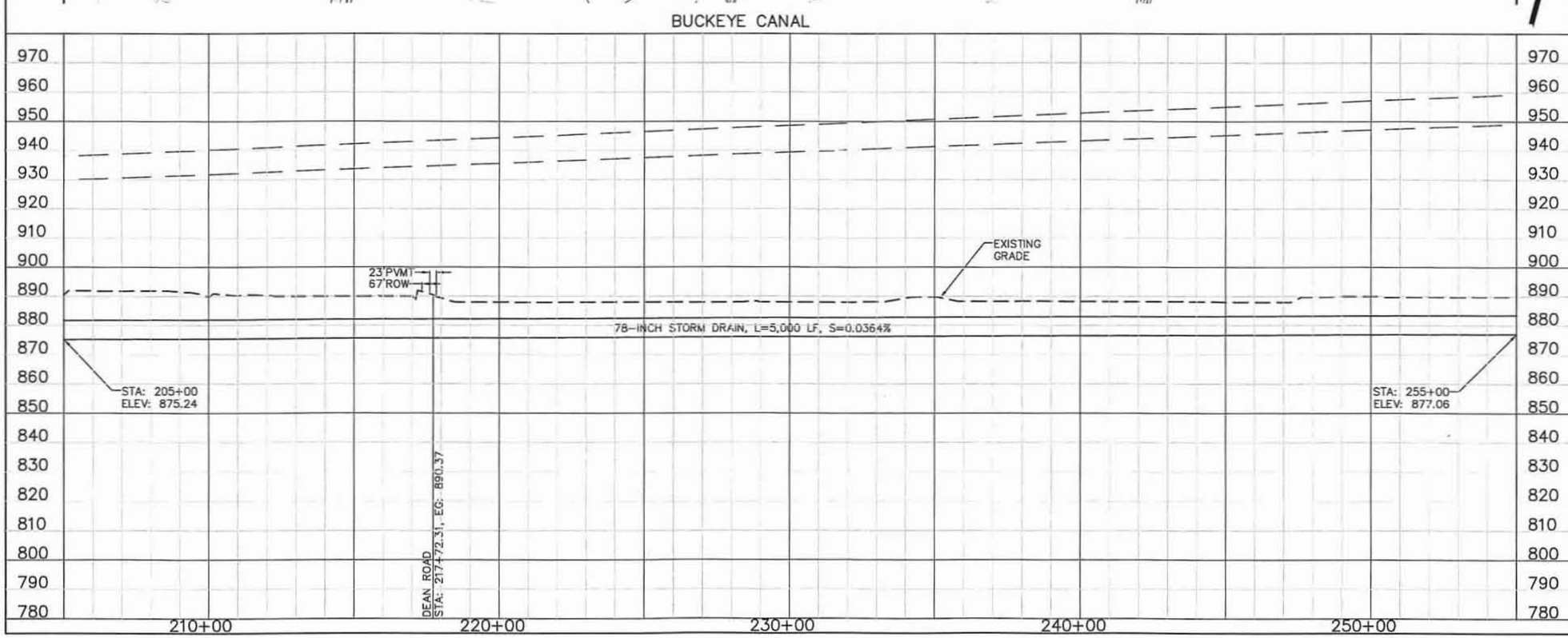
DRAWING NO.	PLAN & PROFILE	SHEET
APPENDIX A	STA 155+00.00 TO STA 205+00.00	05 OF 12





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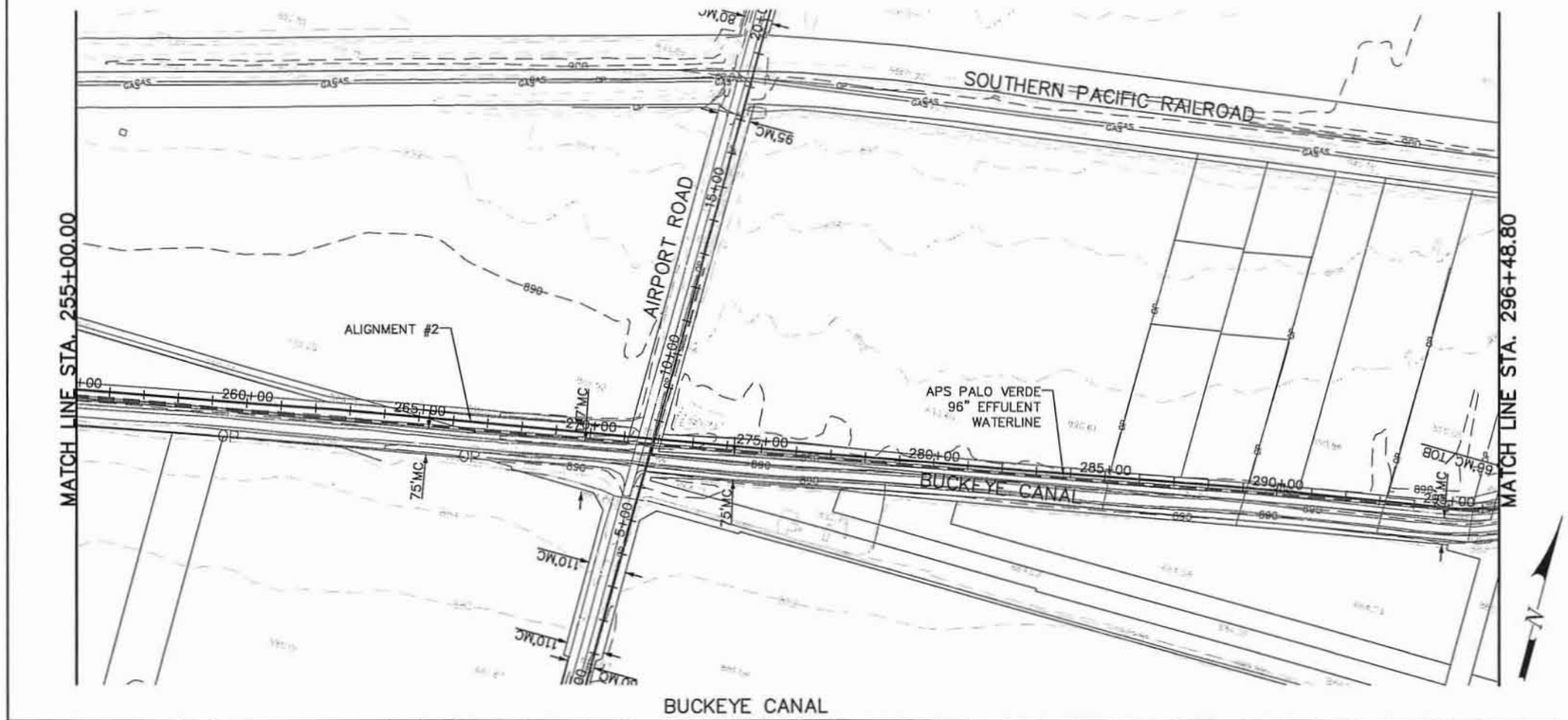
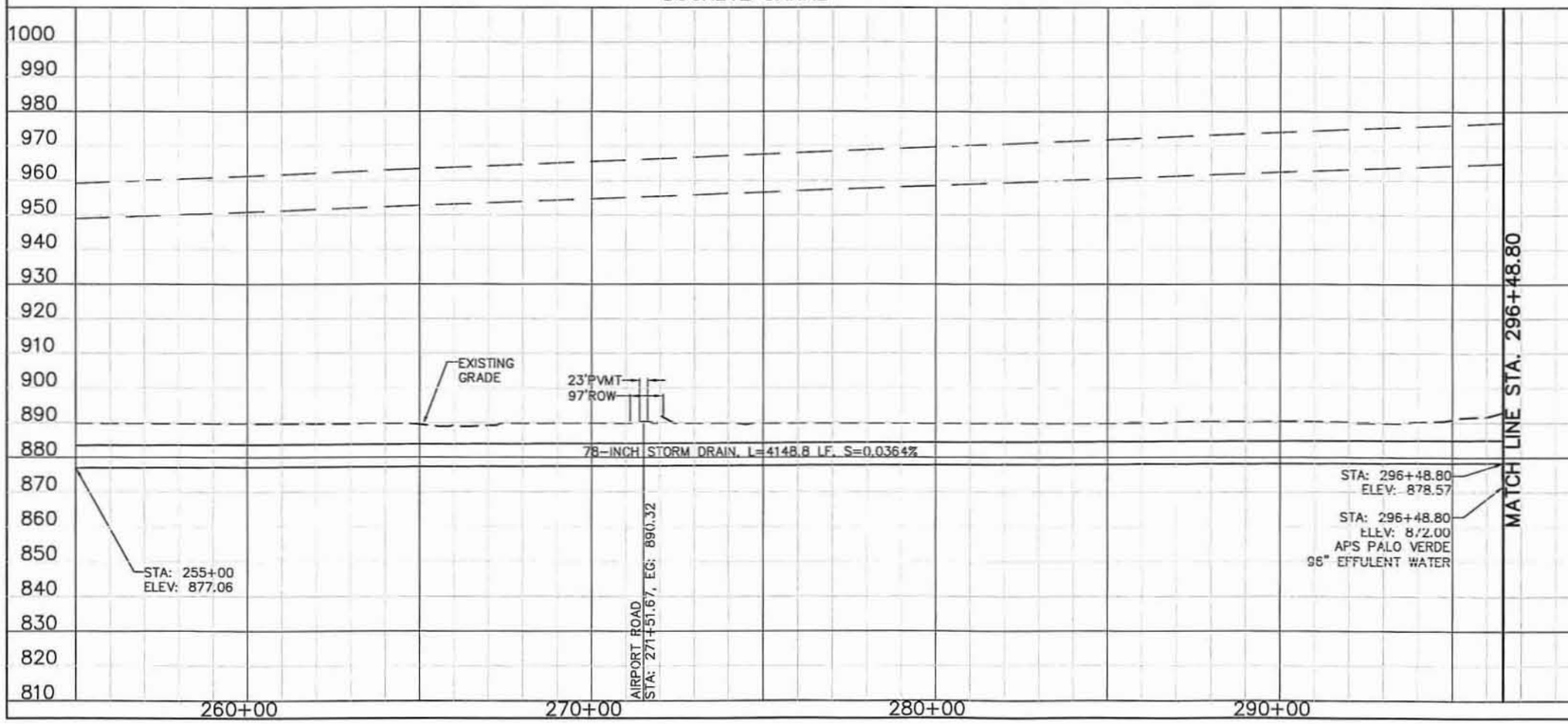
DRAWING NO.	PLAN & PROFILE	SHEET
APPENDIX A	STA 205+00.00 TO STA 255+00.00	06 OF 12



BUCKEYE CANAL



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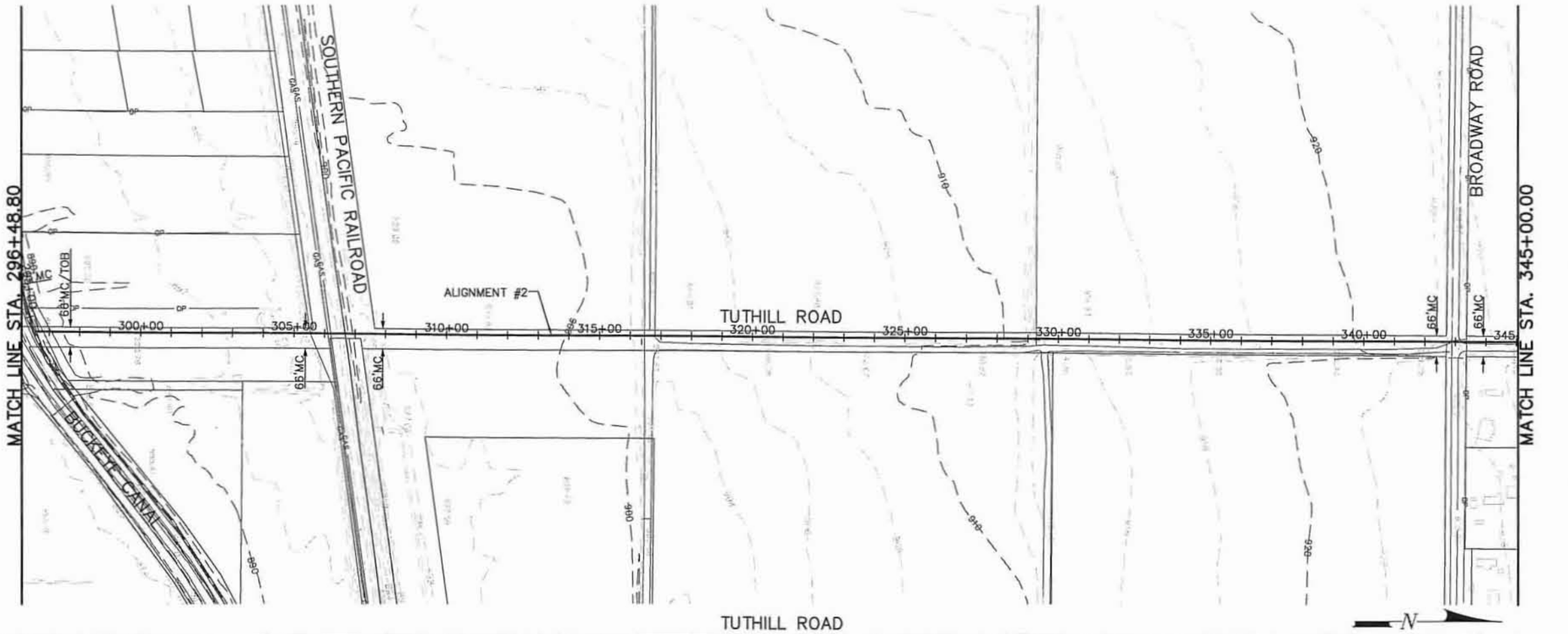
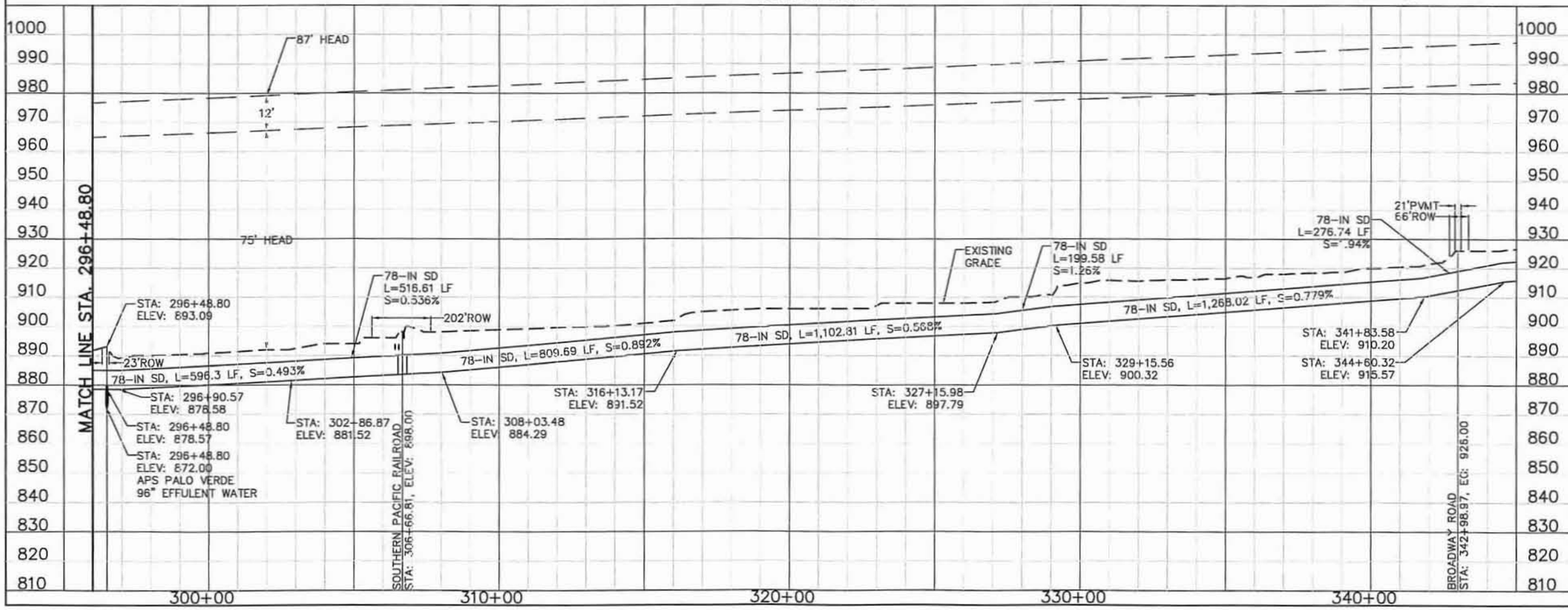
DRAWING NO.	PLAN & PROFILE	SHEET
APPENDIX A	STA 255+00.00 TO STA 296+48.80	07 OF 12





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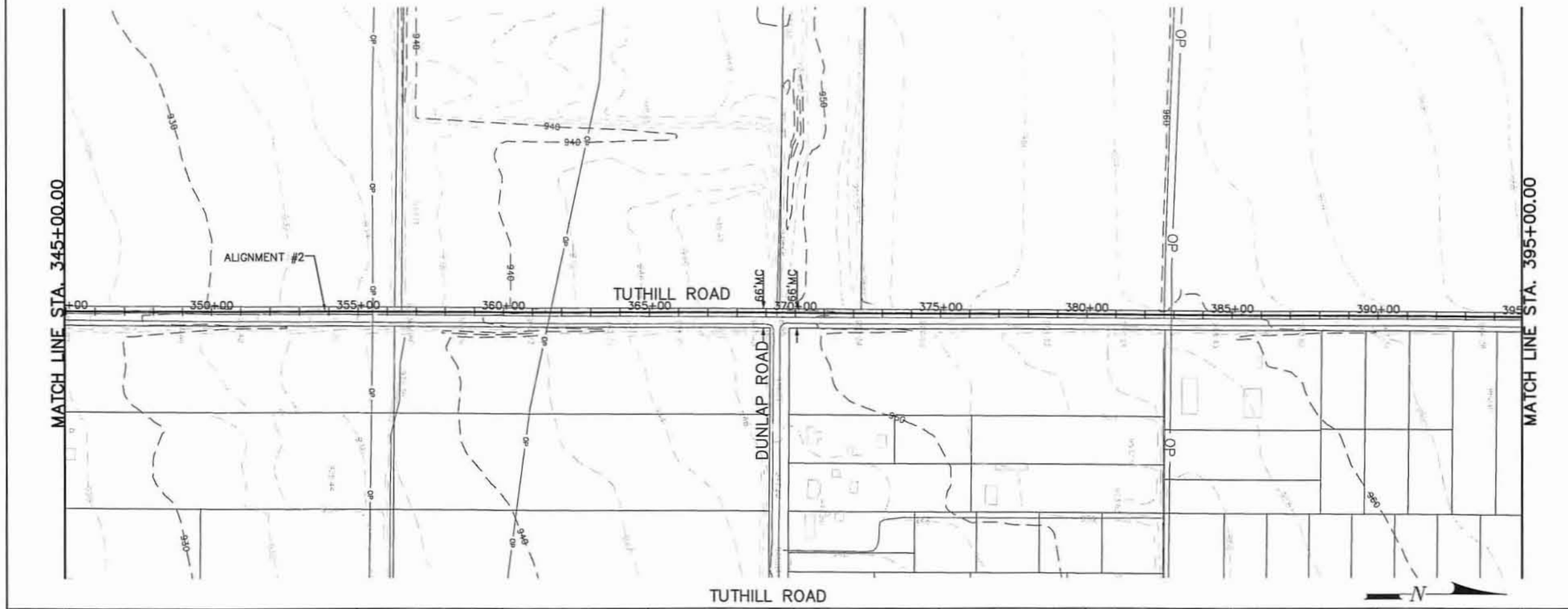
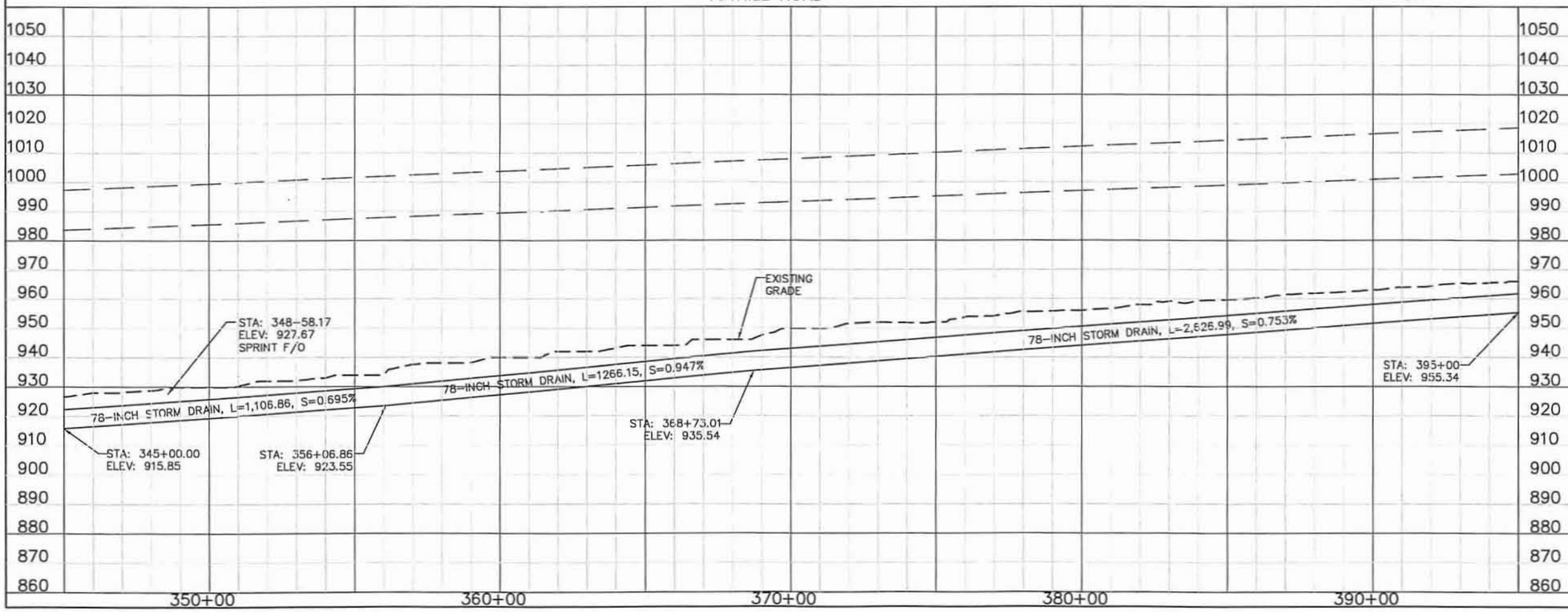
DRAWING NO.	PLAN & PROFILE	SHEET
APPENDIX A	STA 296+48.80 TO STA 345+00.00	08 OF 12





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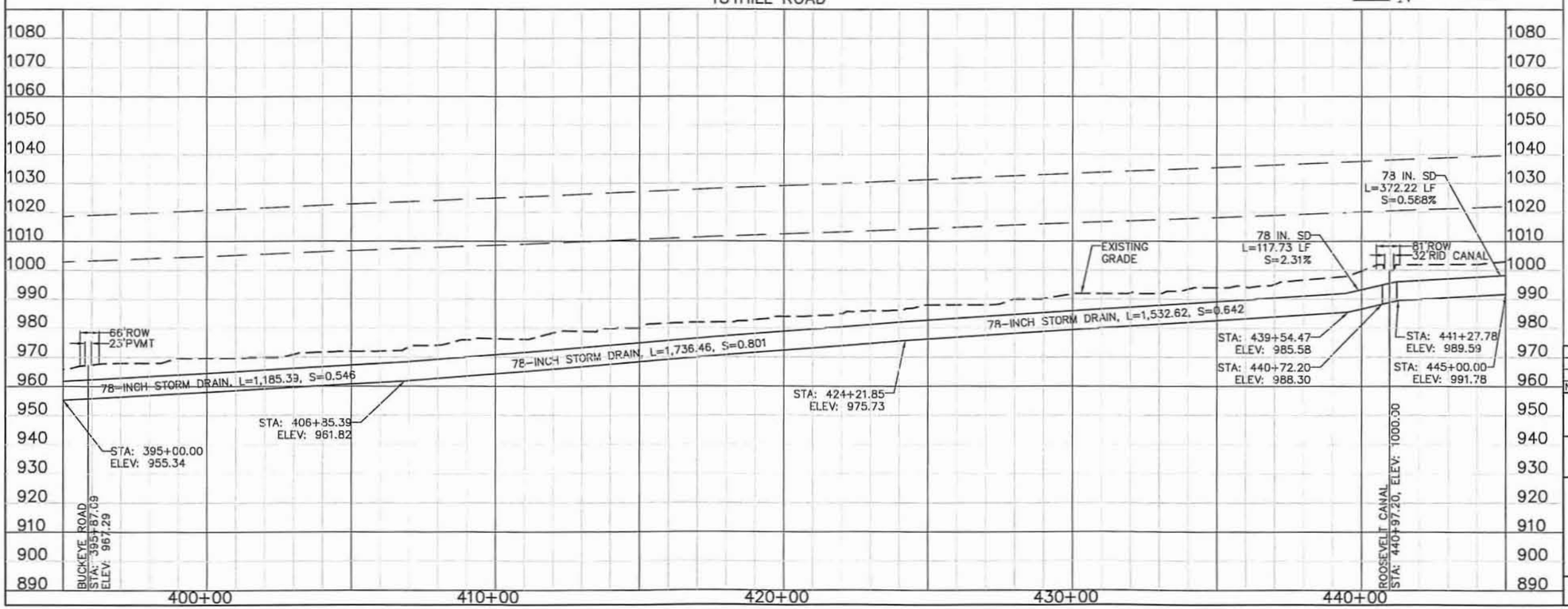
APPENDIX A	STA 345+00.00 TO STA 395+00.00	09 OF 12



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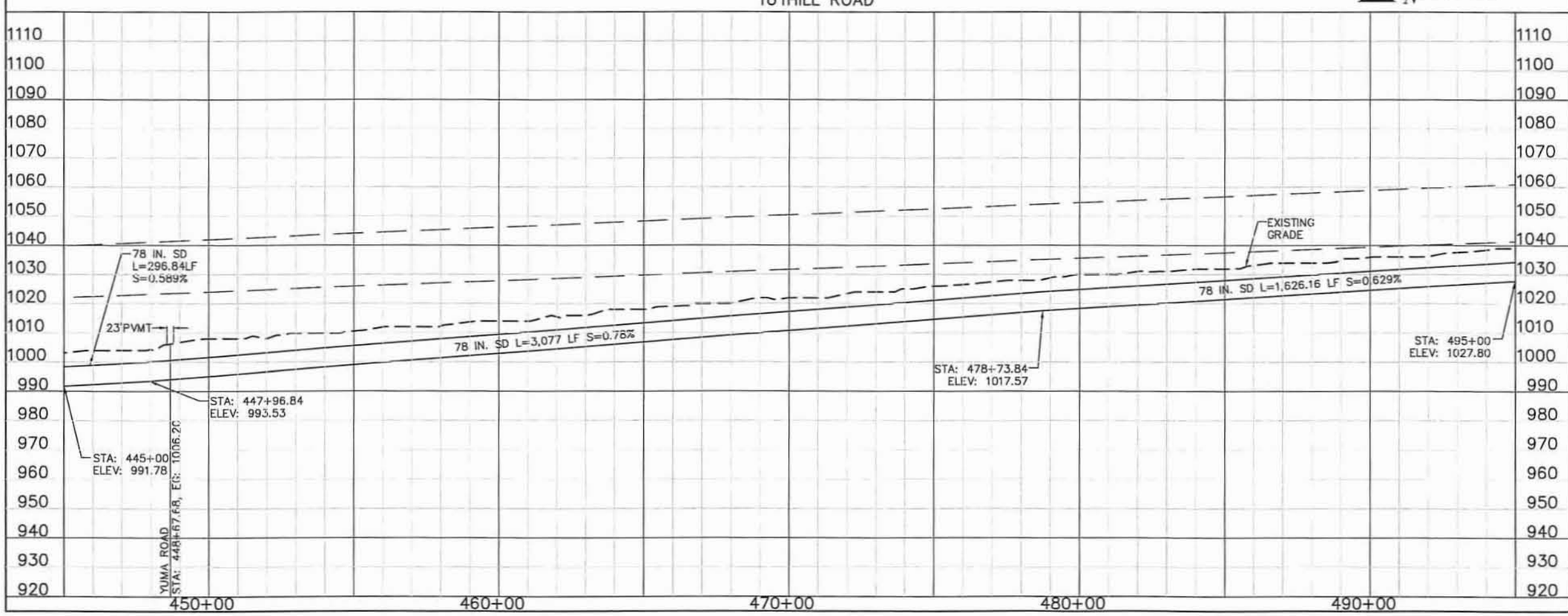
DRAWING NO. APPENDIX A

PLAN & PROFILE STA 395+00.00 TO STA 445+00.00

SHEET 10 OF 12



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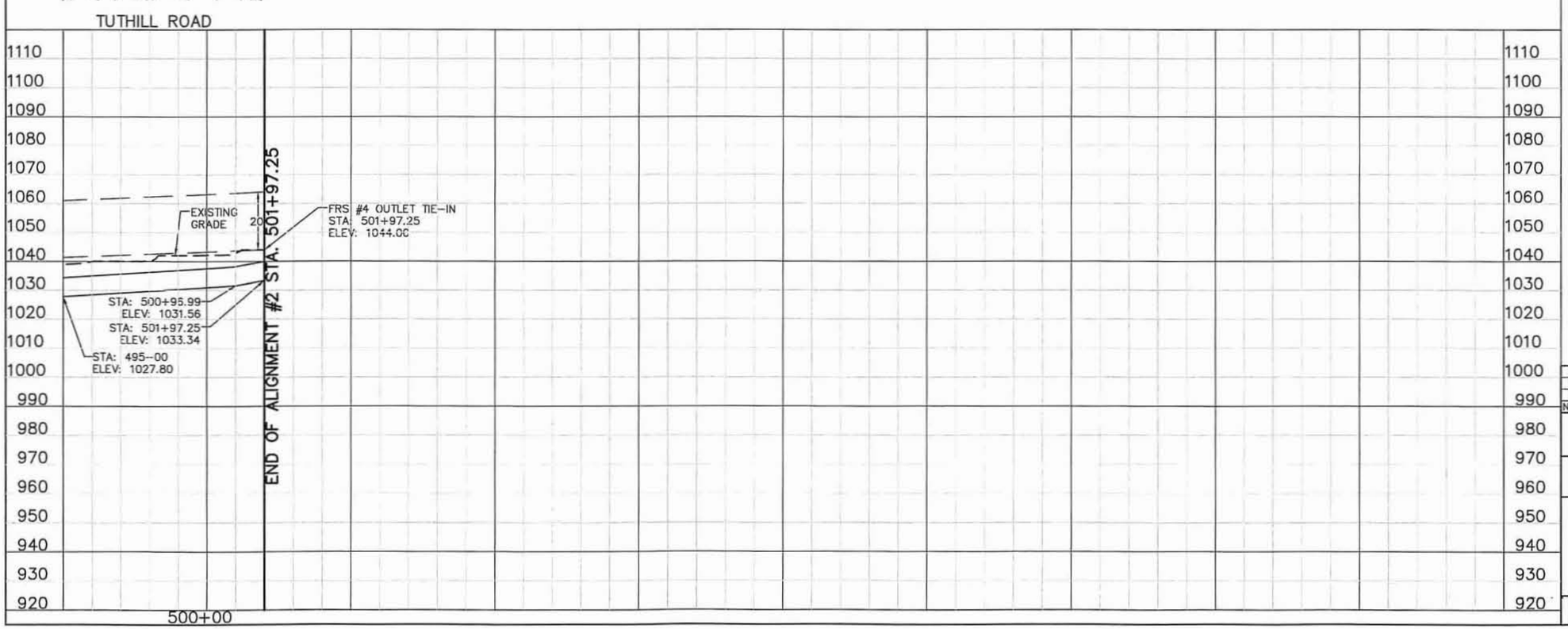

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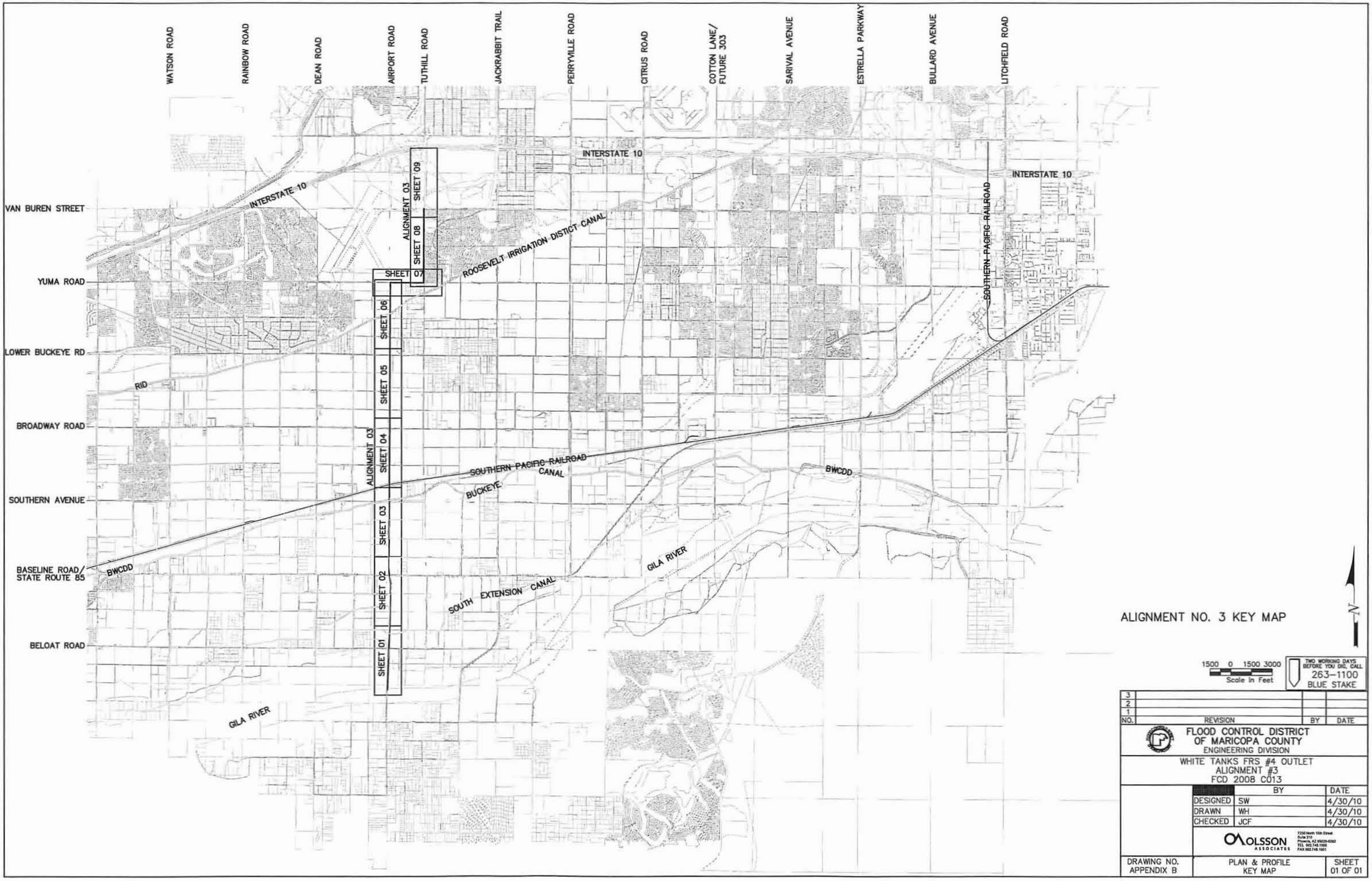

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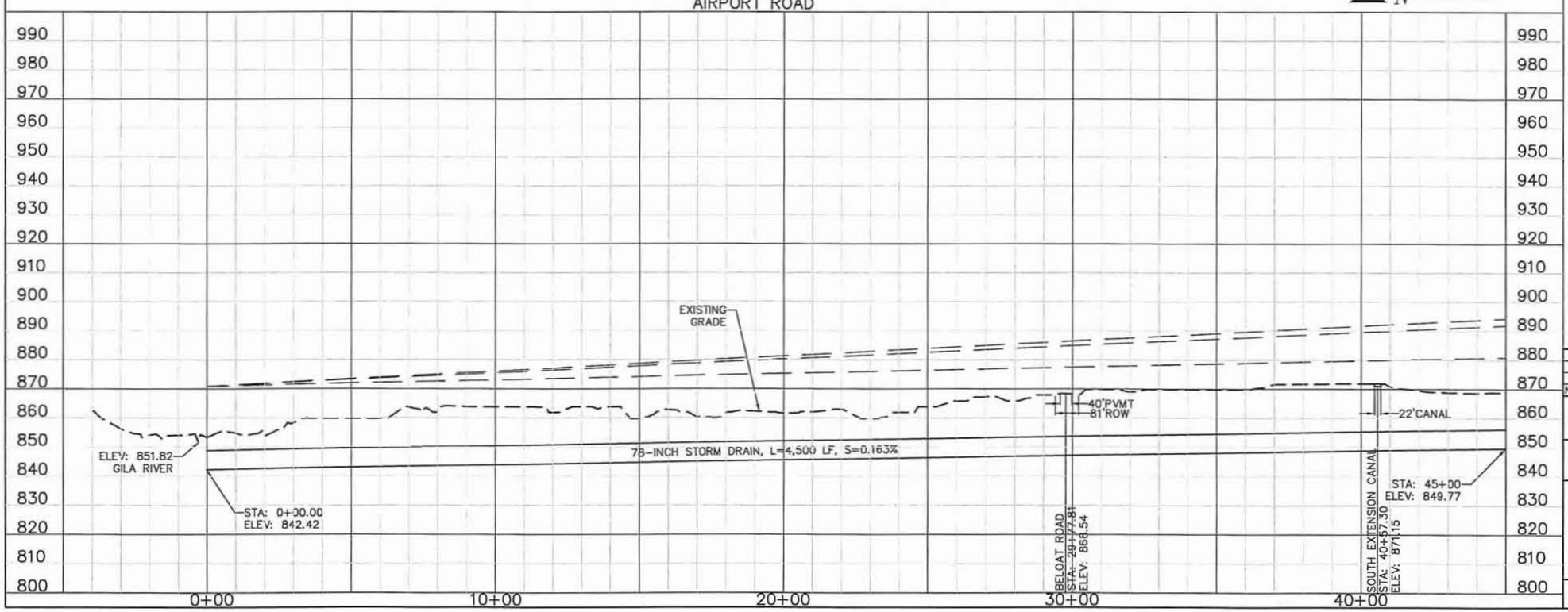
APPENDIX B	KEY MAP	01 OF 01

AIRPORT ROAD



☐ REMOVE ☐

⬠ RELOCATE ⬠

◇ RELOCATE BY OTHERS ◇

○ CONSTRUCT ○

GENERAL NOTES:
PRELIMINARY PLANS, NOT FOR CONSTRUCTION
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THE HORIZONTAL DATUM USED WAS NAD 83.
THE VERTICAL DATUM USED WAS NGVD 29.

10 0 10 20 Scale in Feet Verticall Scale

100 0 100 200 Scale in Feet Horizontal Scale

TWO WORKING DAYS BEFORE YOU DIG, CALL 263-1100 BLUE STAKE

NO.	REVISION	BY	DATE
3			
2			
1			

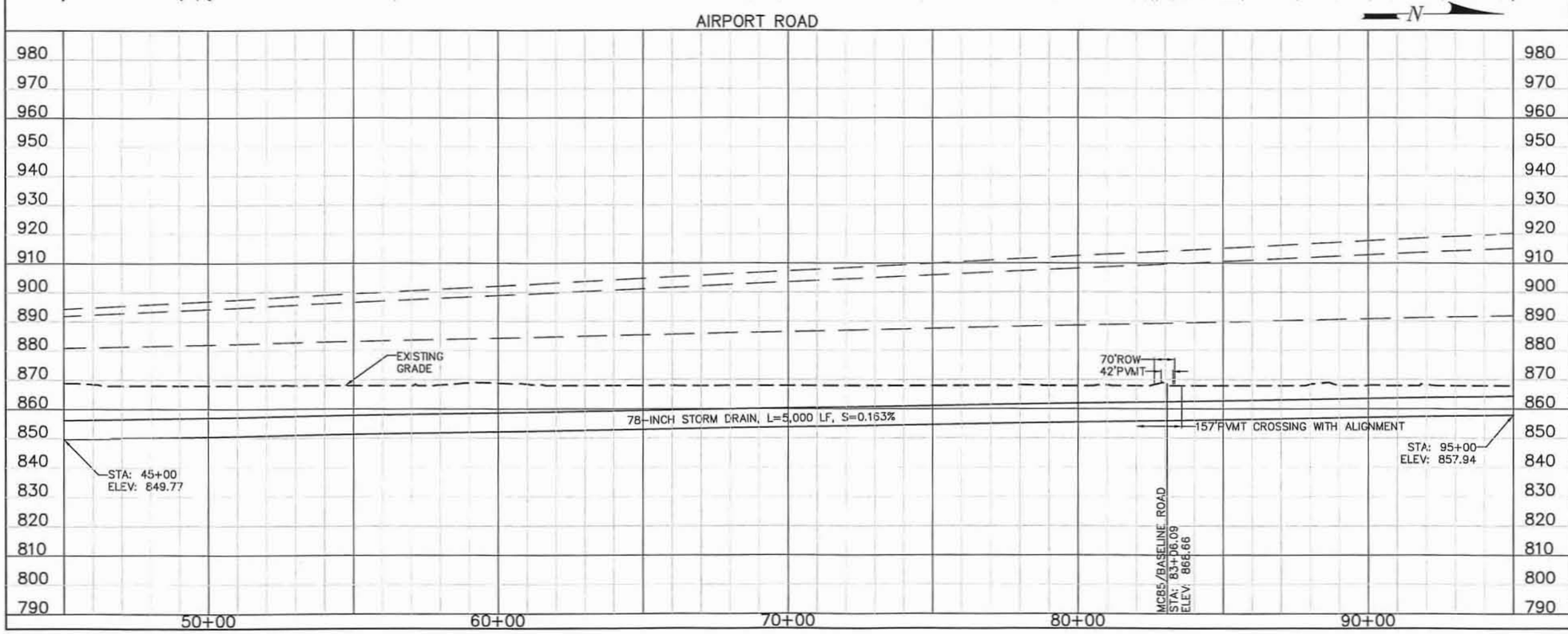
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
ENGINEERING DIVISION

WHITE TANKS FRS #4 OUTLET
ALIGNMENT #3
FCD 2008 C013

	BY	DATE
DESIGNED	SW	4/30/10
DRAWN	WH	4/30/10
CHECKED	JCF	4/30/10

OLSSON ASSOCIATES
7250 North 16th Street
Suite 210
Phoenix, AZ 85020-5282
TEL 602.748.1000
FAX 602.748.1001

DRAWING NO.	PLAN & PROFILE	SHEET
APPENDIX B	STA 0+00.00 TO STA 45+00.00	01 OF 09



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ENGINEERING DIVISION

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FCD 2008 C013

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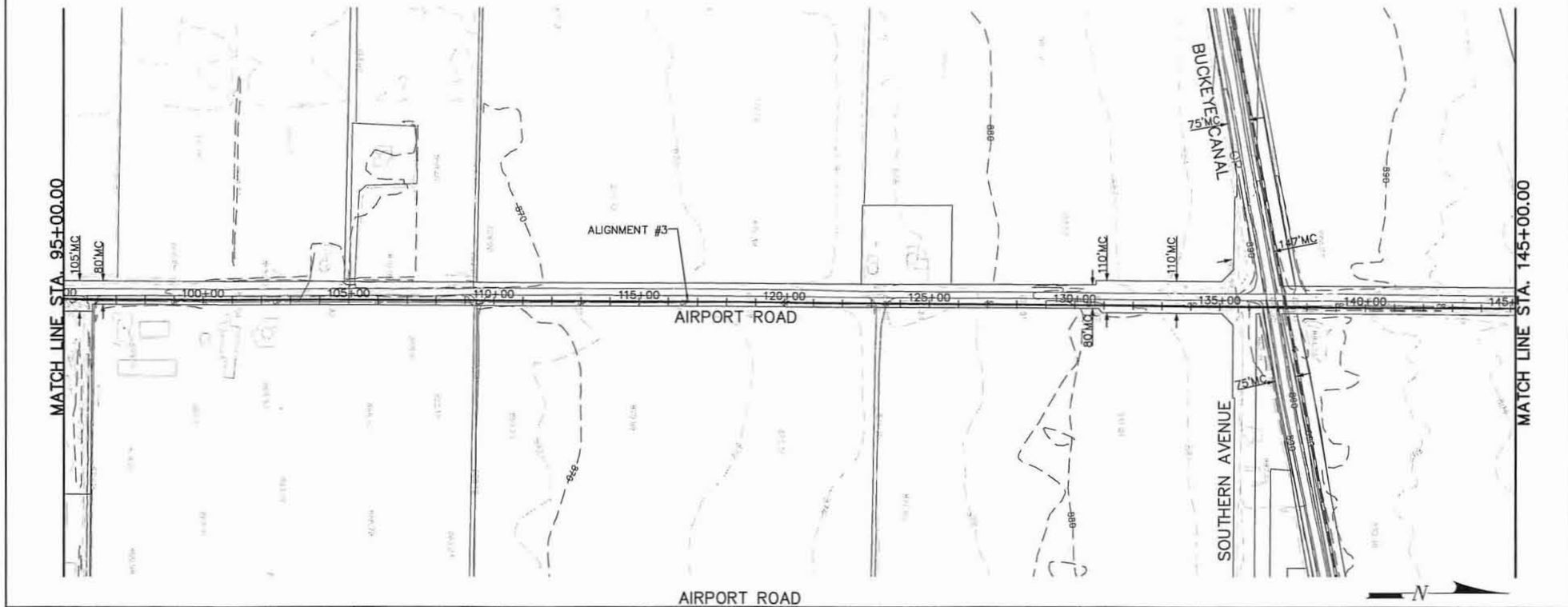
DRAWN	WH	4/30/10
CHECKED	JCF	4/30/10

OLSSON ASSOCIATES

DRAWING NO.	PLAN & PROFILE	SHEET
APPENDIX B	STA 45+00.00 TO STA 95+00.00	02 OF 09



☐ REMOVE ☐

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NO.	REVISION	BY	DATE
3			
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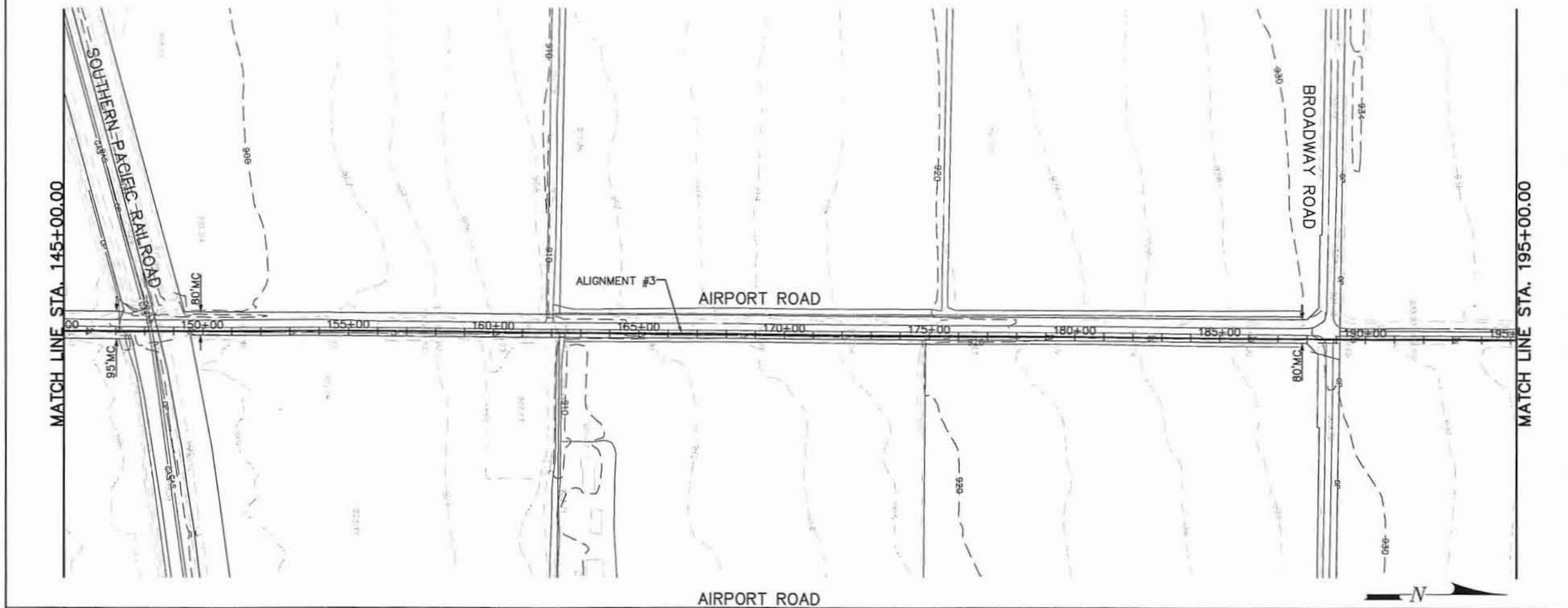
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
ENGINEERING DIVISION

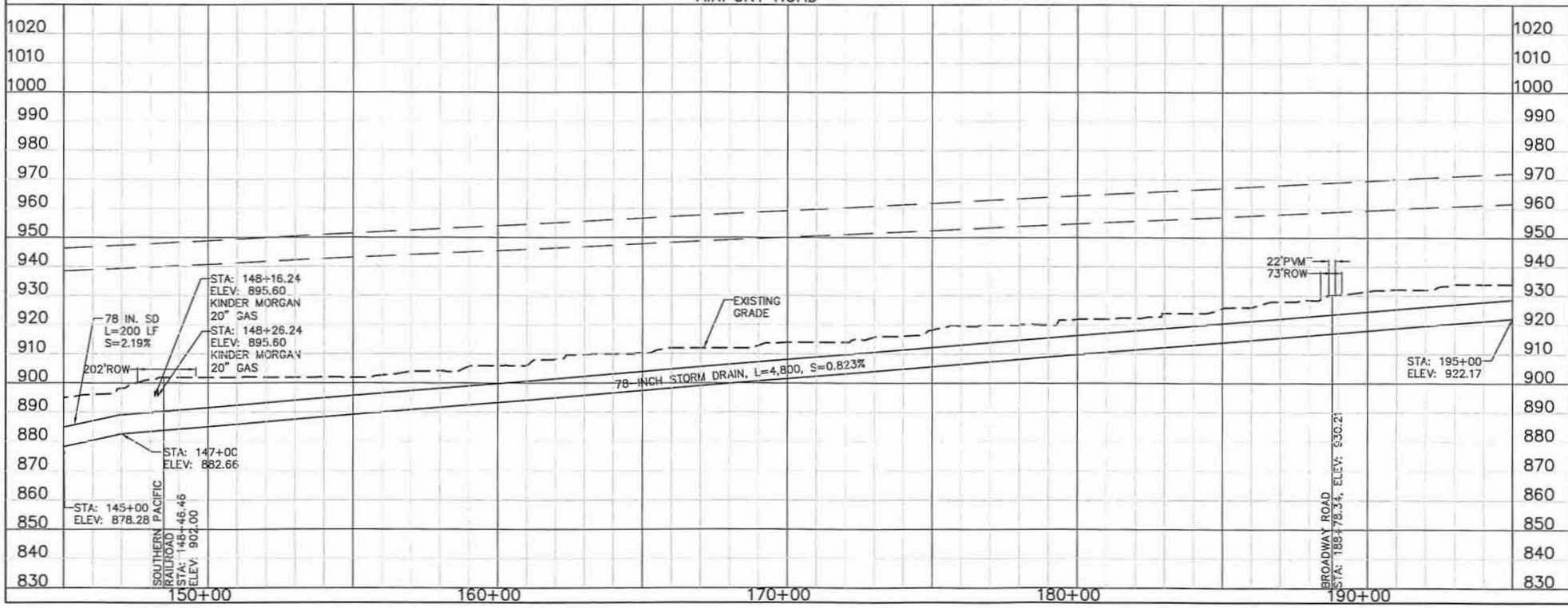
WHITE TANKS FRS #4 OUTLET
ALIGNMENT #3
FCD 2008 C013

	BY	DATE
DESIGNED	SW	4/30/10
DRAWN	WH	4/30/10
CHECKED	JCF	4/30/10

OLSSON ASSOCIATES

DRAWING NO.	PLAN & PROFILE	SHEET
APPENDIX B	STA 95+00.00 TO STA 145+00.00	03 OF 09





REMOVE

RELOCATE

RELOCATE BY OTHERS

CONSTRUCT

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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
ENGINEERING DIVISION

WHITE TANKS FRS #4 OUTLET
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FCD 2008 C013

	BY	DATE
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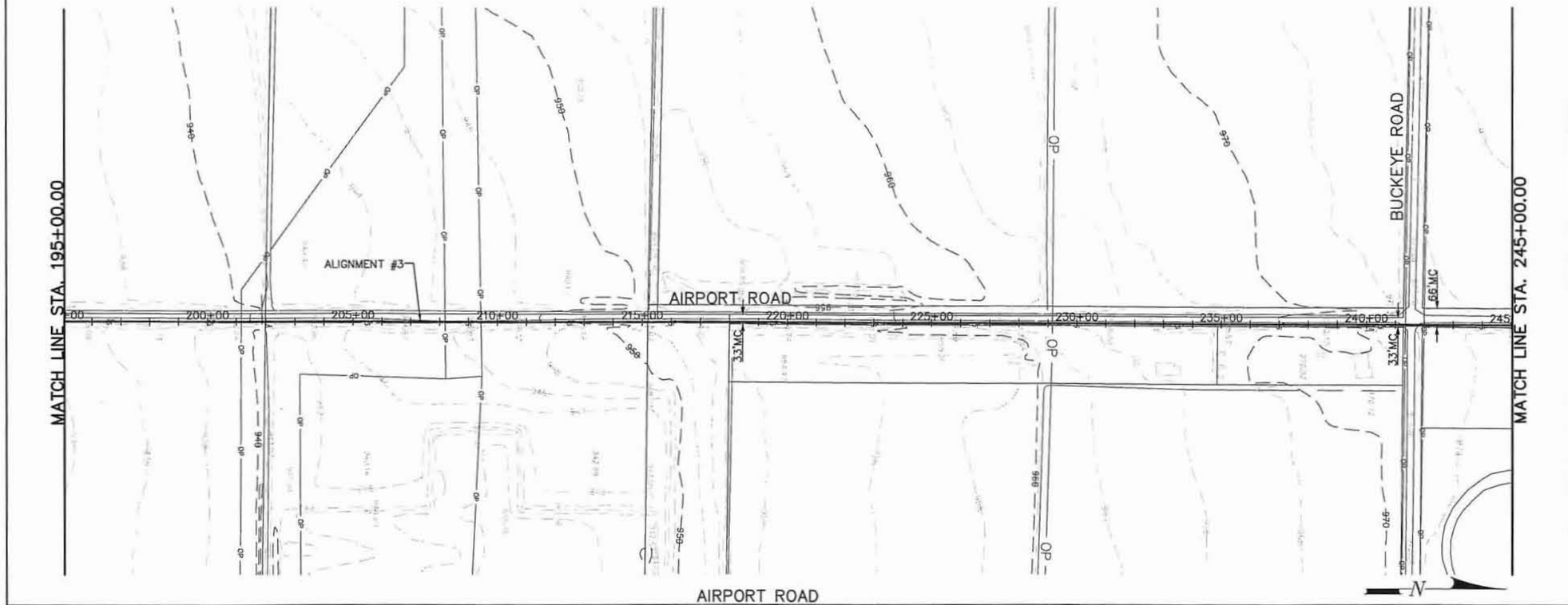
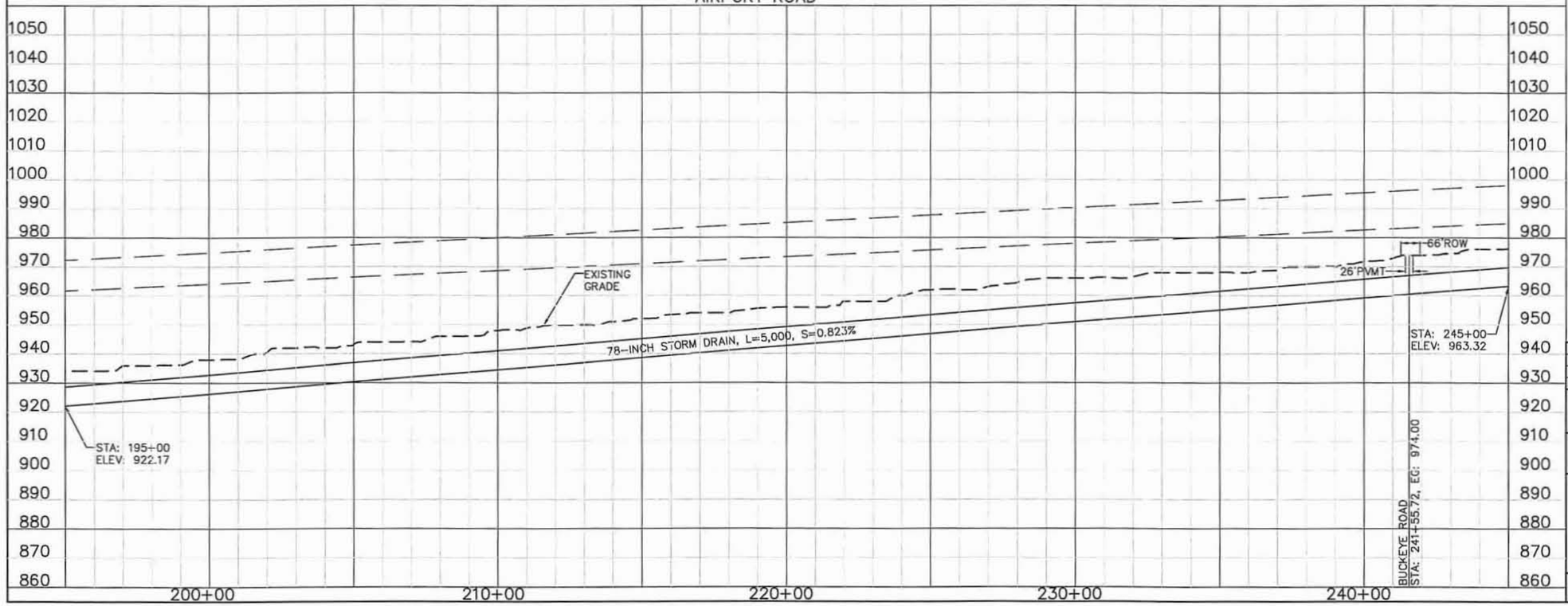
CHECKED	JCF	4/30/10

OLSSON ASSOCIATES
7250 North 16th Street Suite 210 Phoenix, AZ 85020-5262 TEL 602.748.1000 FAX 602.748.1001

DRAWING NO.	PLAN & PROFILE	SHEET
APPENDIX B	STA 145+00.00 TO STA 195+00.00	04 OF 09



AIRPORT ROAD



□ REMOVE □

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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
ENGINEERING DIVISION

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ALIGNMENT #3
FCD 2008 C013

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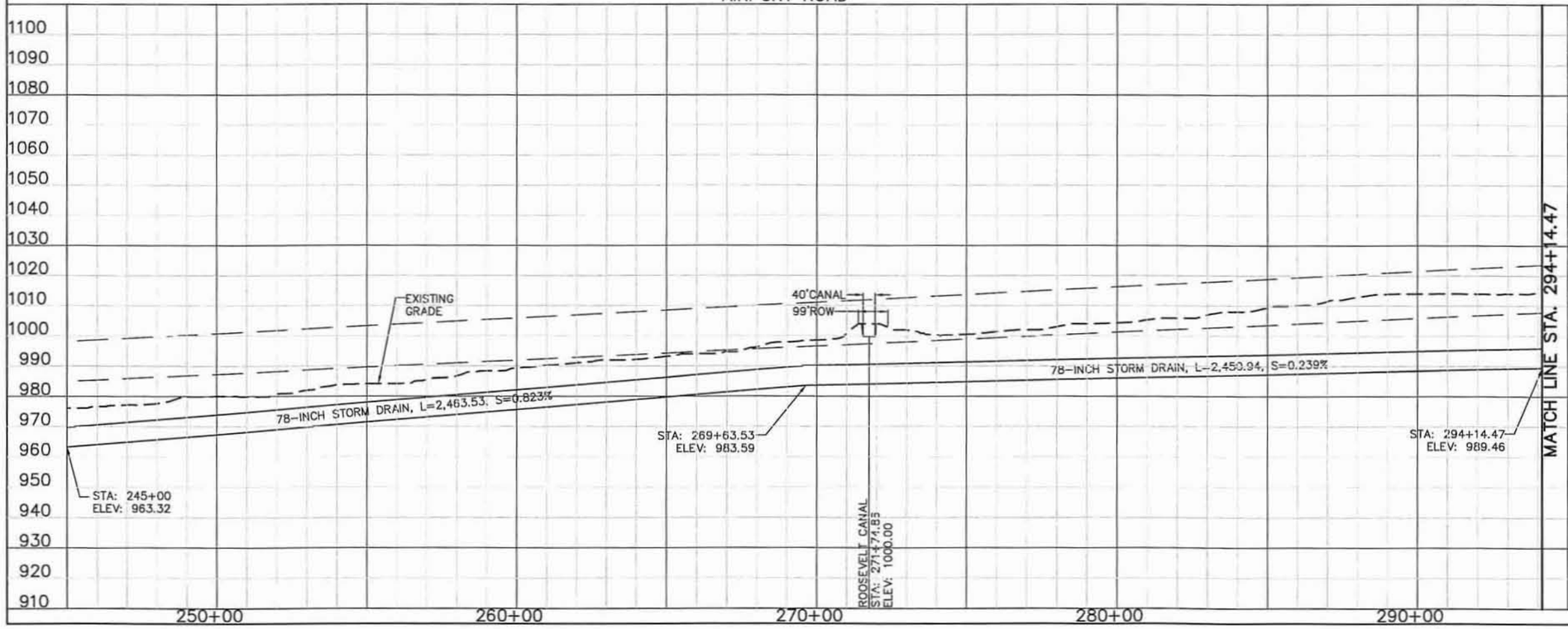
DRAWN	WH	4/30/10
CHECKED	JCF	4/30/10

OLSSON ASSOCIATES
7250 North 16th Street
Suite 210
Phoenix, AZ 85020-5252
TEL 602.748.1000
FAX 602.748.1001

DRAWING NO.	PLAN & PROFILE	SHEET
APPENDIX B	STA 195+00.00 TO STA 245+00.00	05 OF 09



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ENGINEERING DIVISION

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ALIGNMENT #3
FCD 2008 C013

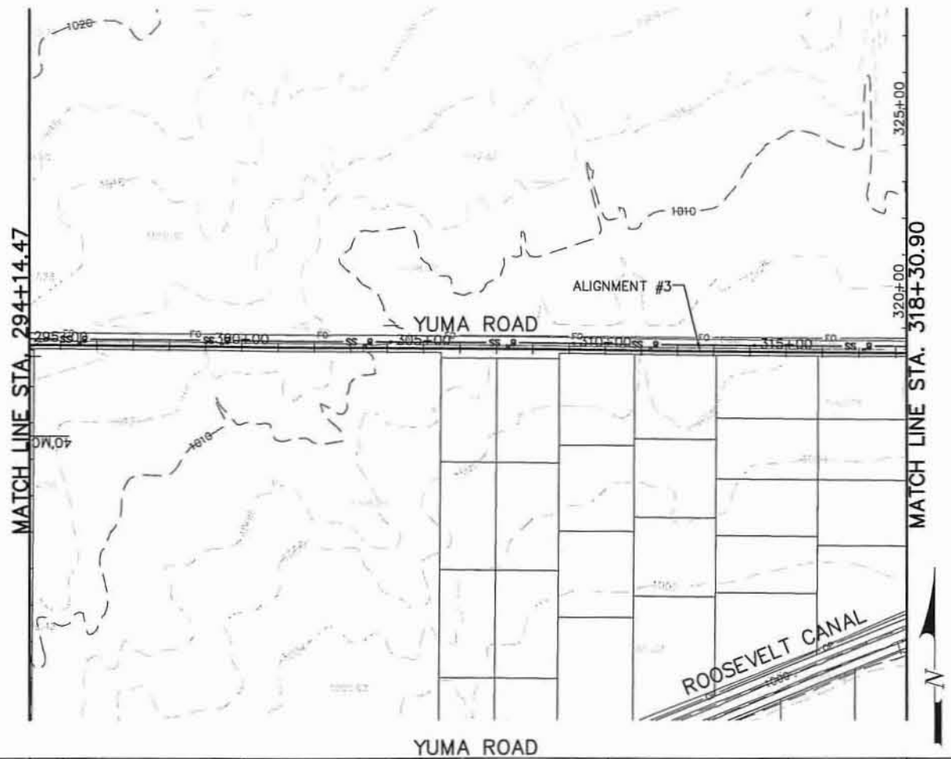
	BY	DATE
DESIGNED	SW	4/30/10
DRAWN	WH	4/30/10
CHECKED	JCF	4/30/10

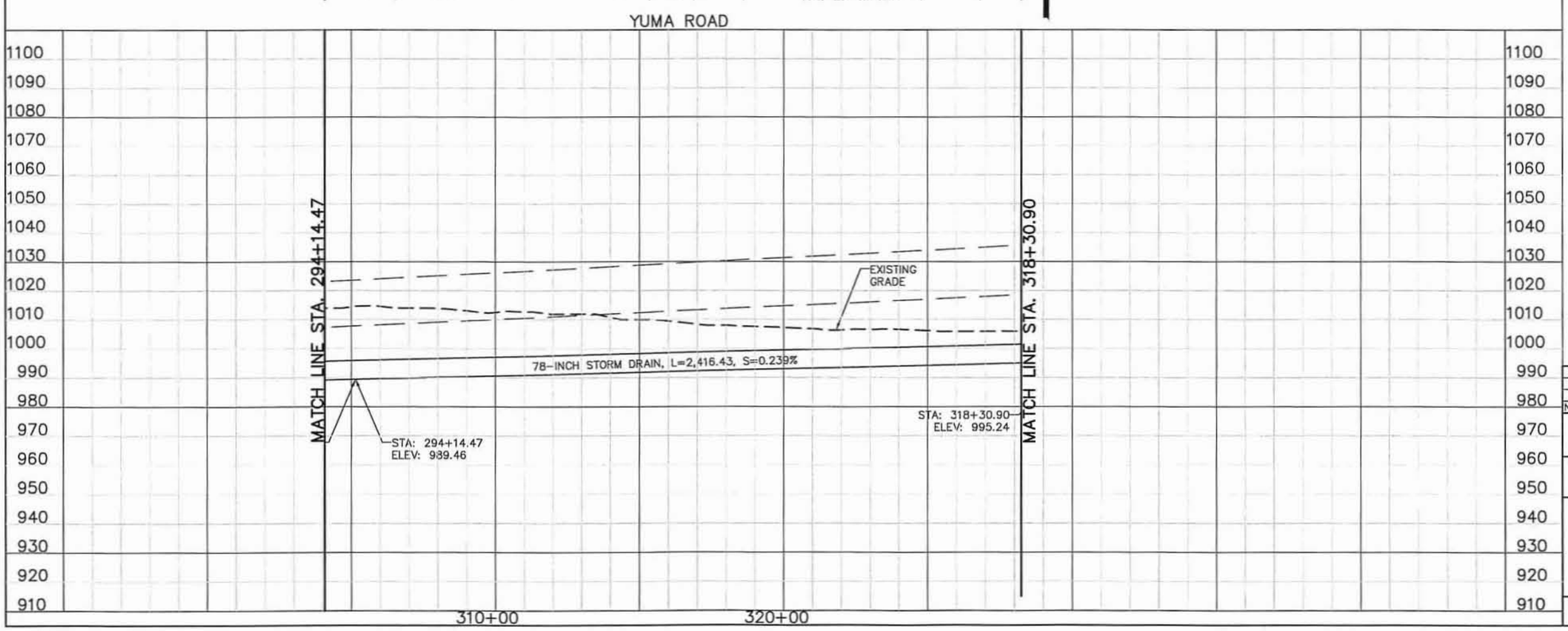
OLSSON ASSOCIATES

DRAWING NO. APPENDIX B

PLAN & PROFILE
STA 245+00.00 TO STA 294+14.47

SHEET 06 OF 09





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ENGINEERING DIVISION

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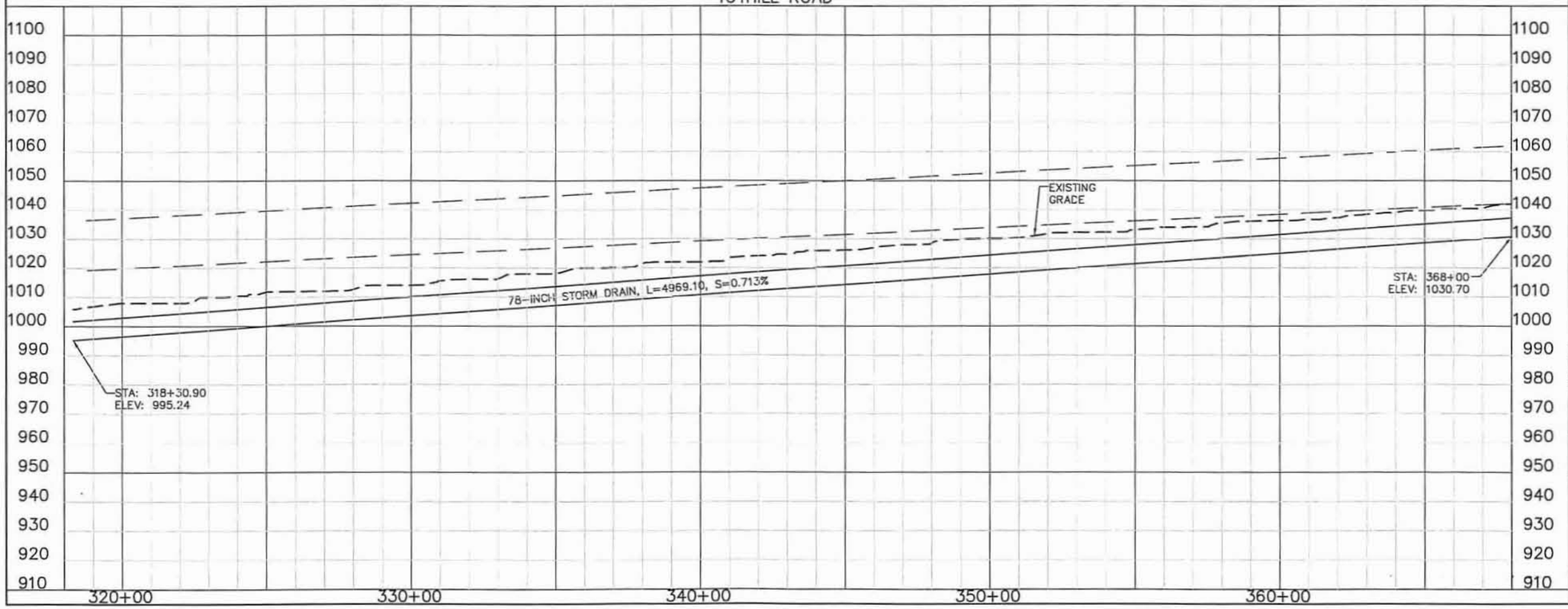
DRAWN	WH	4/30/10
CHECKED	JCF	4/30/10

OLSSON ASSOCIATES

DRAWING NO.	PLAN & PROFILE	SHEET
APPENDIX B	STA 294+14.47 TO STA 318+30.90	07 OF 09



REMOVE

RELOCATE

RELOCATE BY OTHERS

CONSTRUCT

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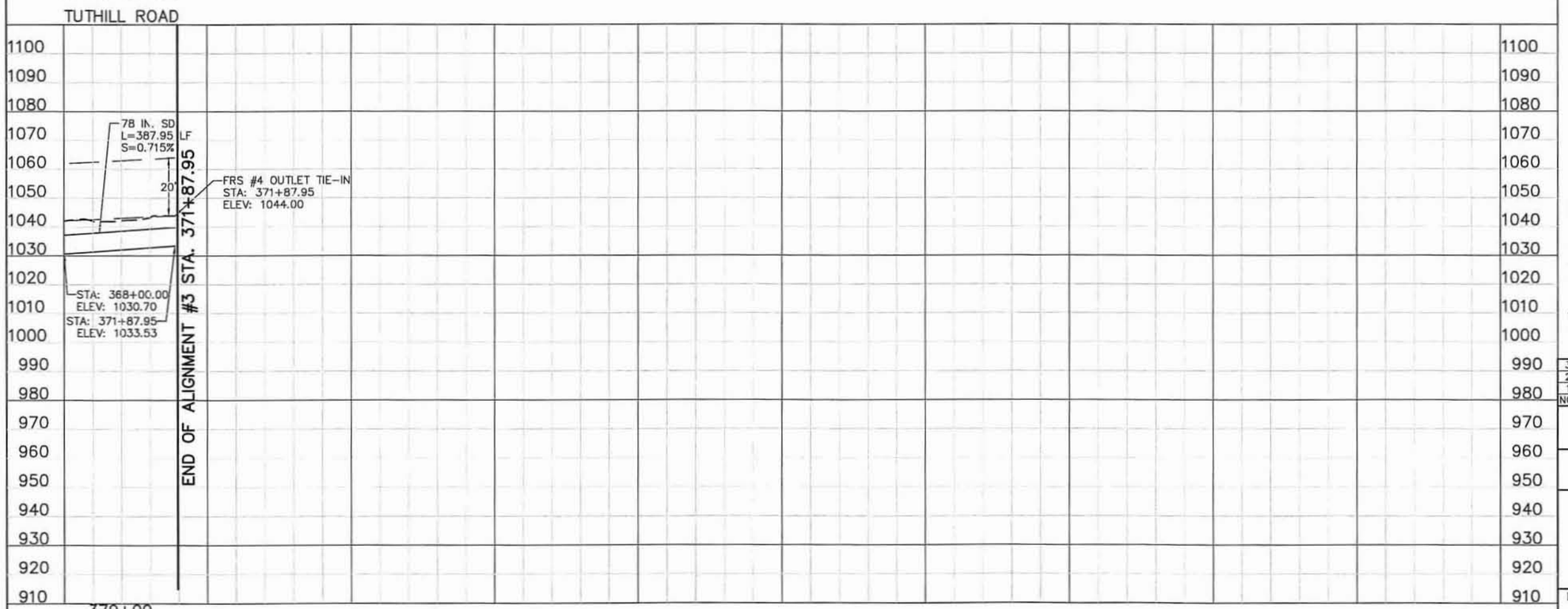
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
ENGINEERING DIVISION

WHITE TANKS FRS #4 OUTLET
ALIGNMENT #3
FCD 2008 C013

	BY	DATE
DESIGNED	SW	4/30/10
DRAWN	WH	4/30/10
CHECKED	JCF	4/30/10

OLSSON ASSOCIATES
7250 North 16th Street
Suite 210
Phoenix, AZ 85020-5262
TEL 602.748.1000
FAX 602.748.1001

DRAWING NO.	PLAN & PROFILE	SHEET
APPENDIX B	STA 318+30.90 TO STA 368+00.00	08 OF 09



□ REMOVE □

◇ RELOCATE ◇

◇ RELOCATE BY OTHERS ◇

○ CONSTRUCT ○

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NO.	REVISION	BY	DATE
3			
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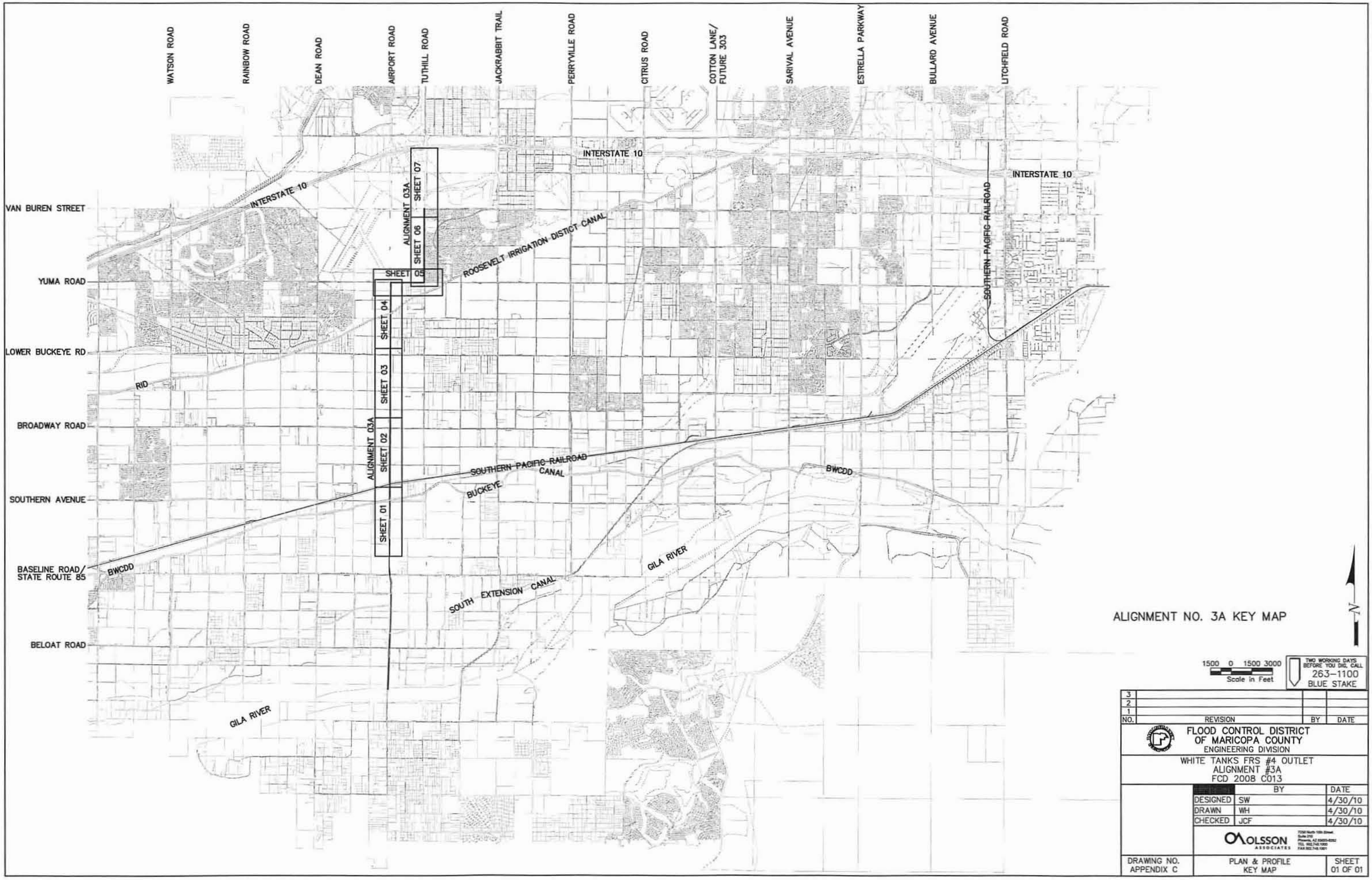
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
ENGINEERING DIVISION

WHITE TANKS FRS #4 OUTLET
ALIGNMENT #3
FCD 2008 C013

	BY	DATE
DESIGNED	SW	4/30/10
DRAWN	WH	4/30/10
CHECKED	JCF	4/30/10

OLSSON ASSOCIATES
7250 North 16th Street
Suite 210
Phoenix, AZ 85020-5262
TEL 602.748.1000
FAX 602.748.1001

DRAWING NO.	PLAN & PROFILE	SHEET
APPENDIX B	STA 368+00.00 TO STA 371+87.95	09 OF 09



ALIGNMENT NO. 3A KEY MAP

N

1500 0 1500 3000
Scale in Feet

TWO WORKING DAYS BEFORE YOU DIG, CALL 263-1100 BLUE STAKE

NO.	REVISION	BY	DATE
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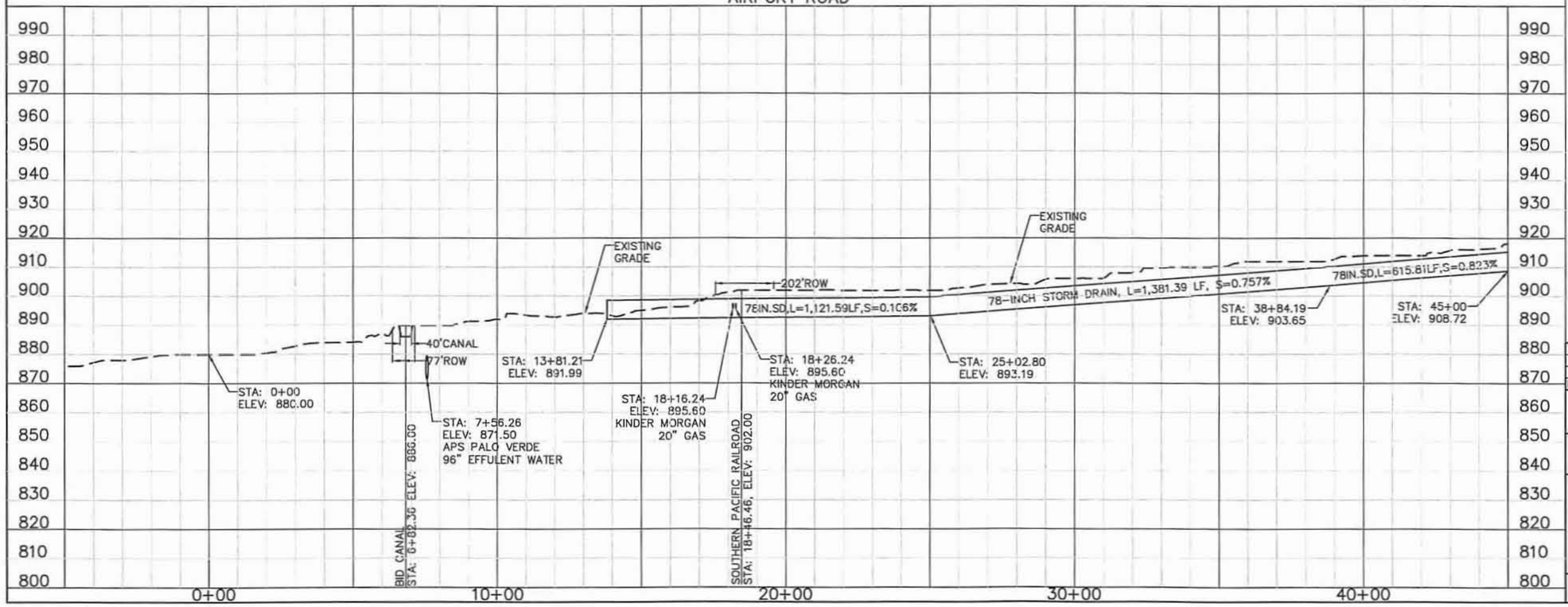
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
ENGINEERING DIVISION

WHITE TANKS FRS #4 OUTLET
ALIGNMENT #3A
FCD 2008 C013

	BY	DATE
DESIGNED	SW	4/30/10
DRAWN	WH	4/30/10
CHECKED	JCF	4/30/10

OLSSON ASSOCIATES

DRAWING NO.	PLAN & PROFILE	SHEET
APPENDIX C	KEY MAP	01 OF 01



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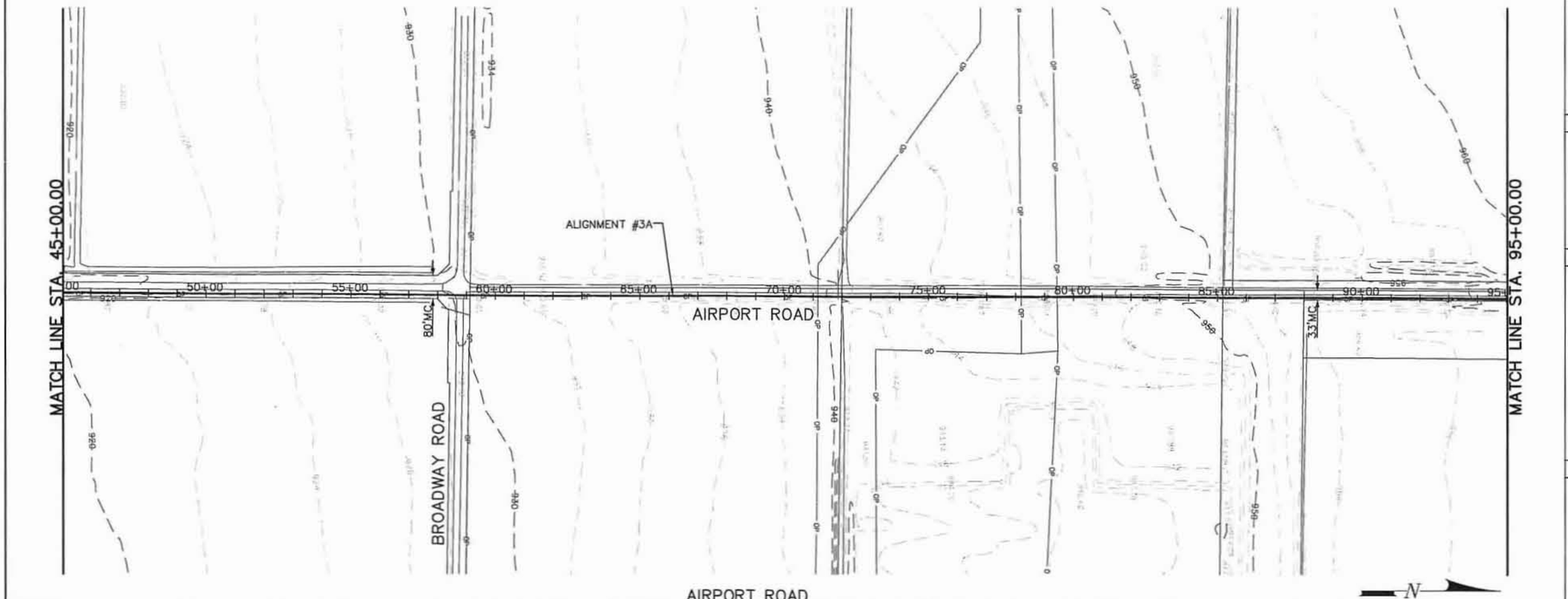
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
ENGINEERING DIVISION

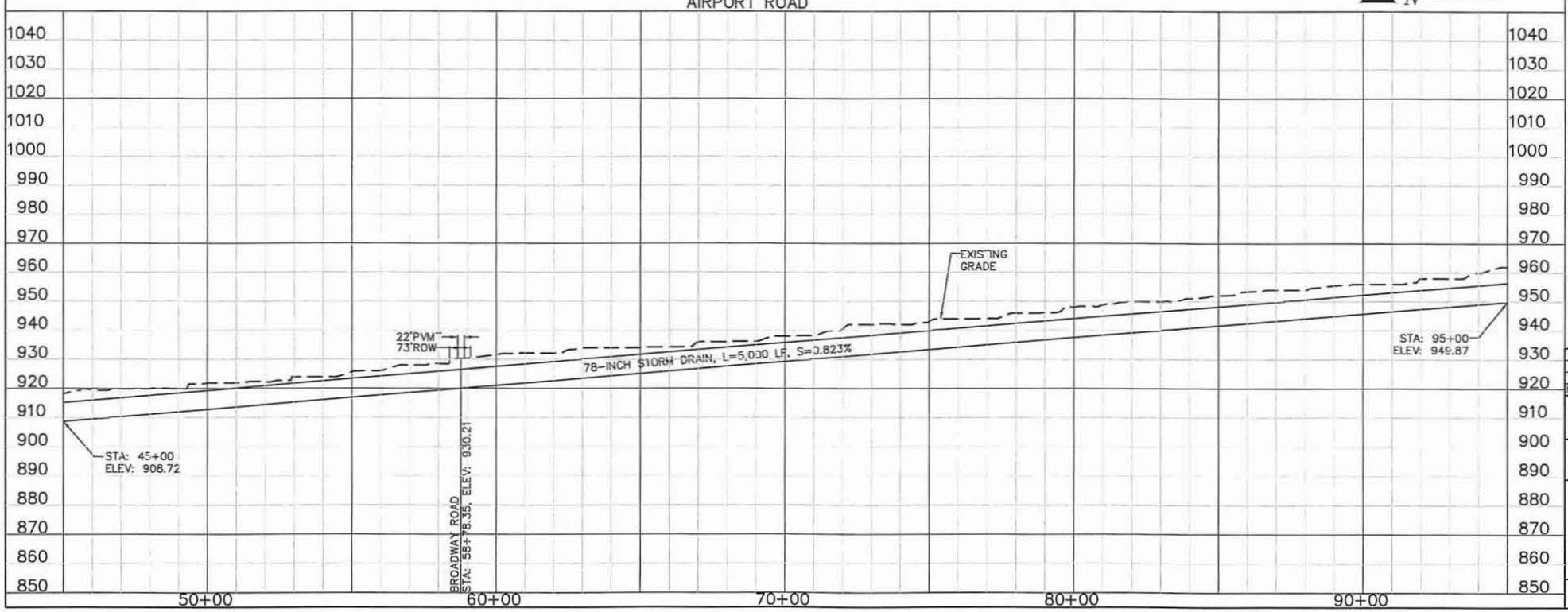
WHITE TANKS FRS #4 OUTLET
ALIGNMENT #3A
FCD 2008 C013

	BY	DATE
DESIGNED	SW	4/30/10
DRAWN	WH	4/30/10
CHECKED	JCF	4/30/10

OLSSON ASSOCIATES

DRAWING NO.	PLAN & PROFILE	SHEET
APPENDIX C	STA 0+00.00 TO STA 45+00.00	01 OF 07





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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
ENGINEERING DIVISION

WHITE TANKS FRS #4 OUTLET
ALIGNMENT #3A
FCD 2008 C013

	BY	DATE
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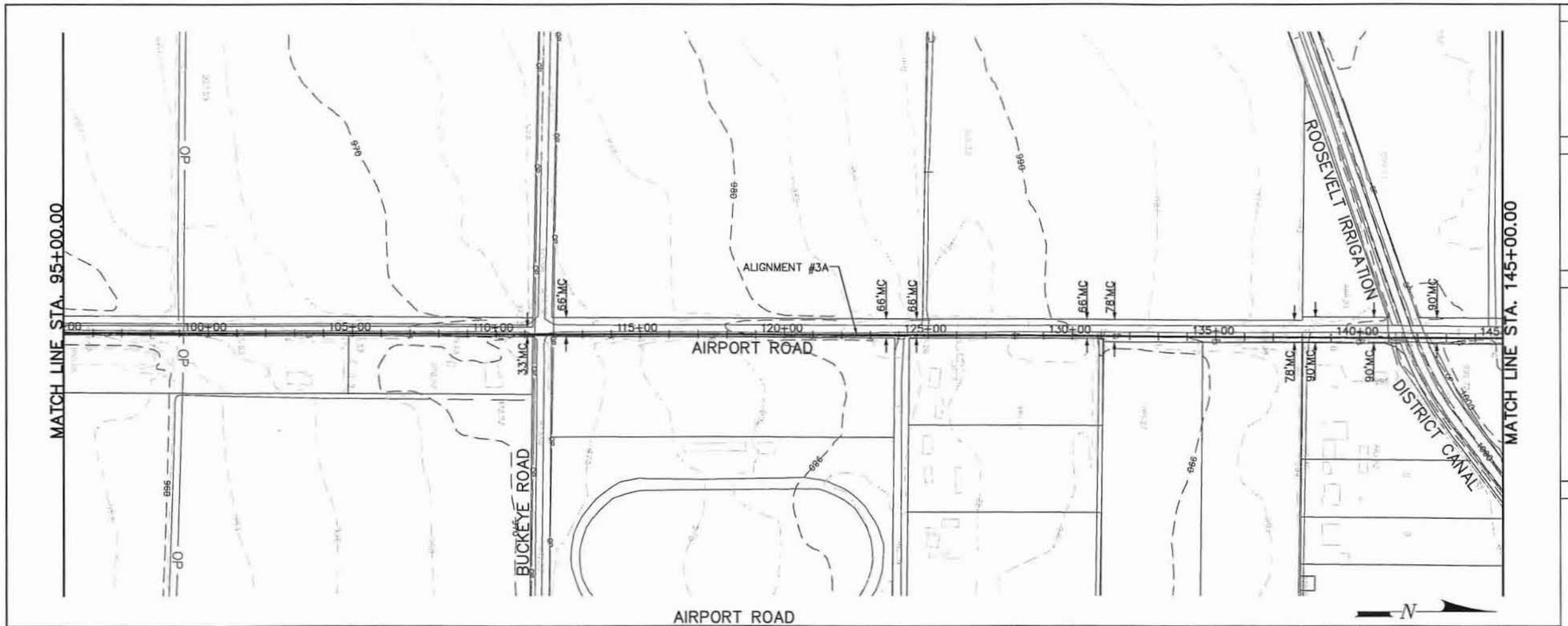
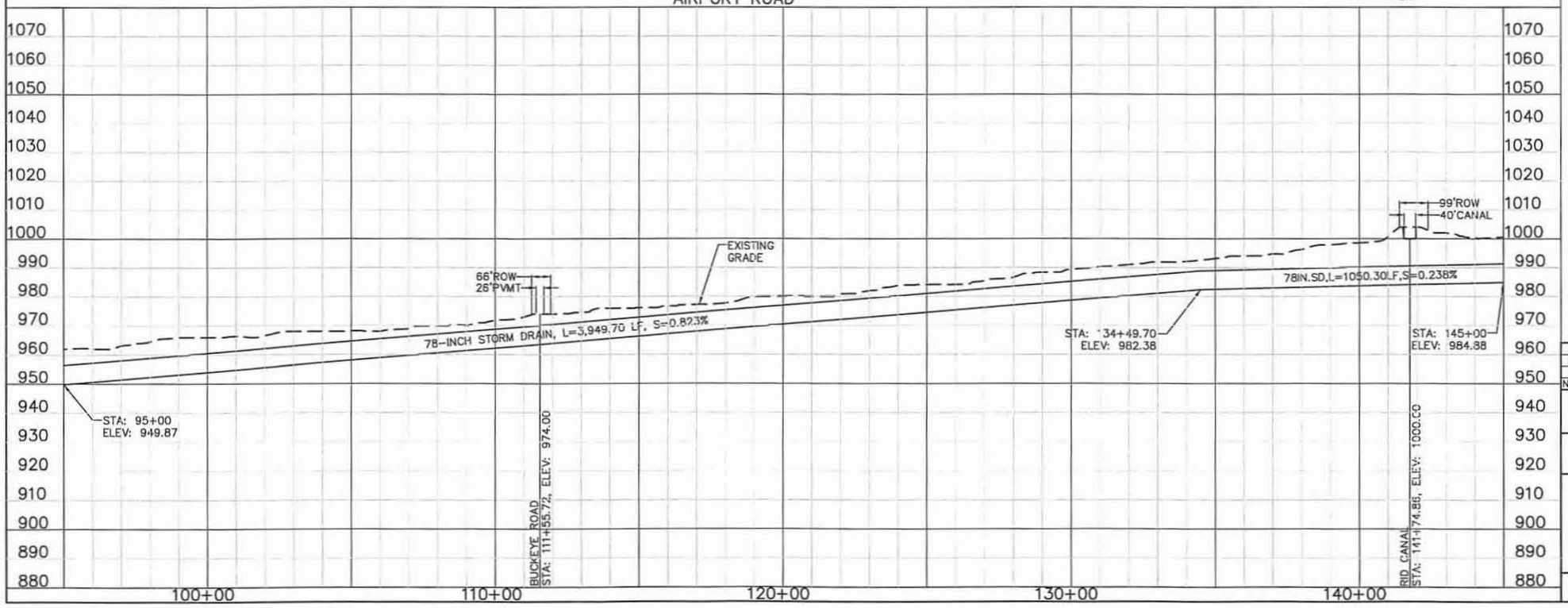
OLSSON ASSOCIATES
7250 North 16th Street
Suite 210
Phoenix, AZ 85020-5282
TEL 602.748.1000
FAX 602.748.1001

DRAWING NO.	PLAN & PROFILE	SHEET
APPENDIX C	STA 45+00.00 TO STA 95+00.00	02 OF 07





REMOVE

RELOCATE

RELOCATE BY OTHERS

CONSTRUCT

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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
ENGINEERING DIVISION

WHITE TANKS FRS #4 OUTLET
ALIGNMENT #3A
FCD 2008 C013

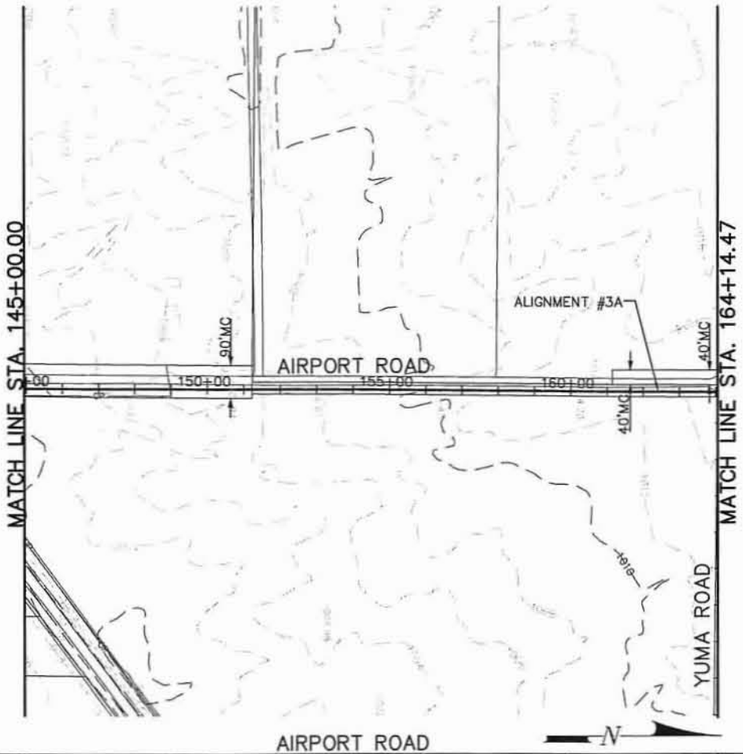
	BY	DATE
DESIGNED	SW	4/30/10
DRAWN	WH	4/30/10
CHECKED	JCF	4/30/10

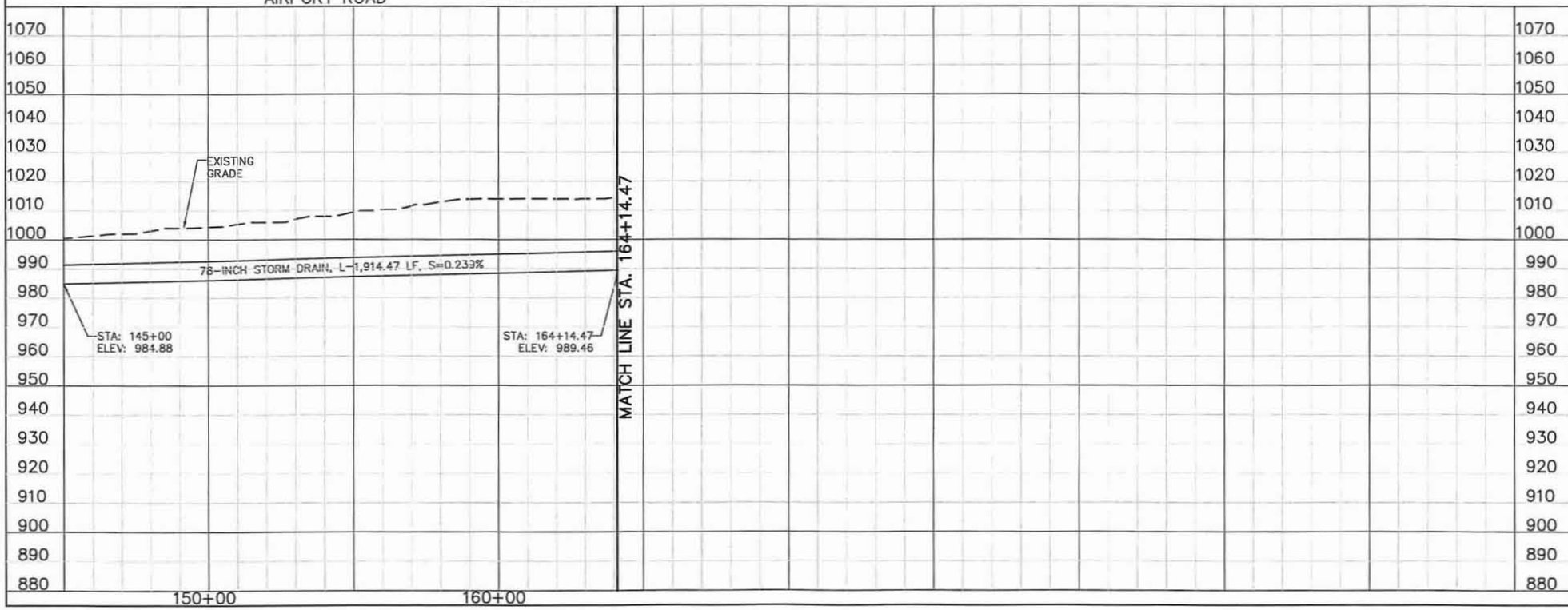
OLSSON ASSOCIATES

DRAWING NO. APPENDIX C

PLAN & PROFILE
STA 95+00.00 TO STA 145+00.00

SHEET 03 OF 07





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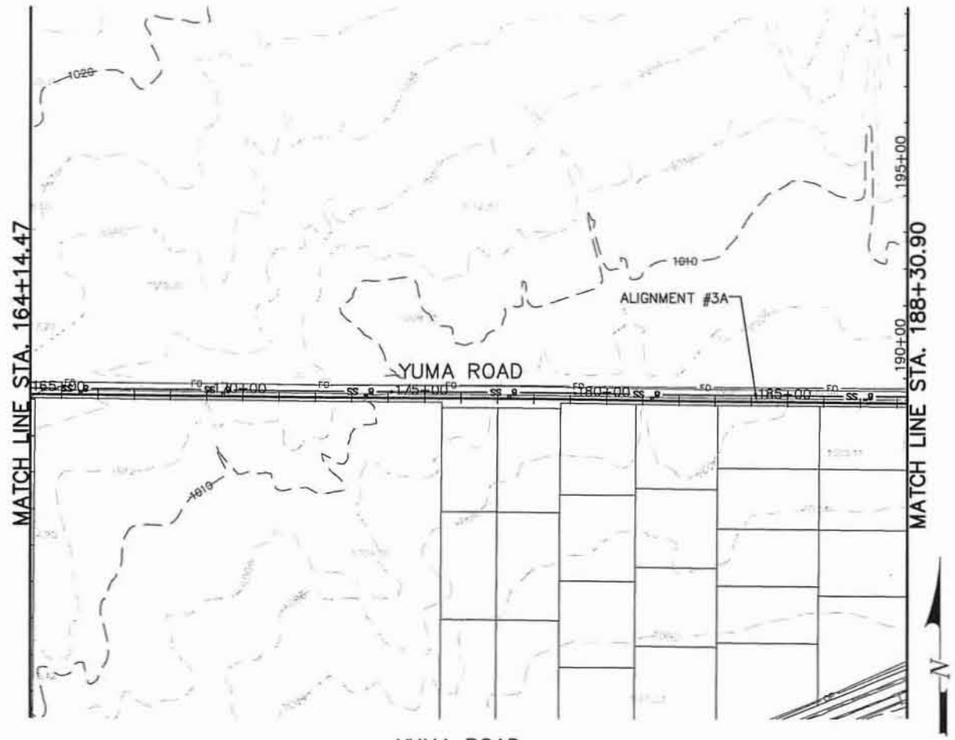
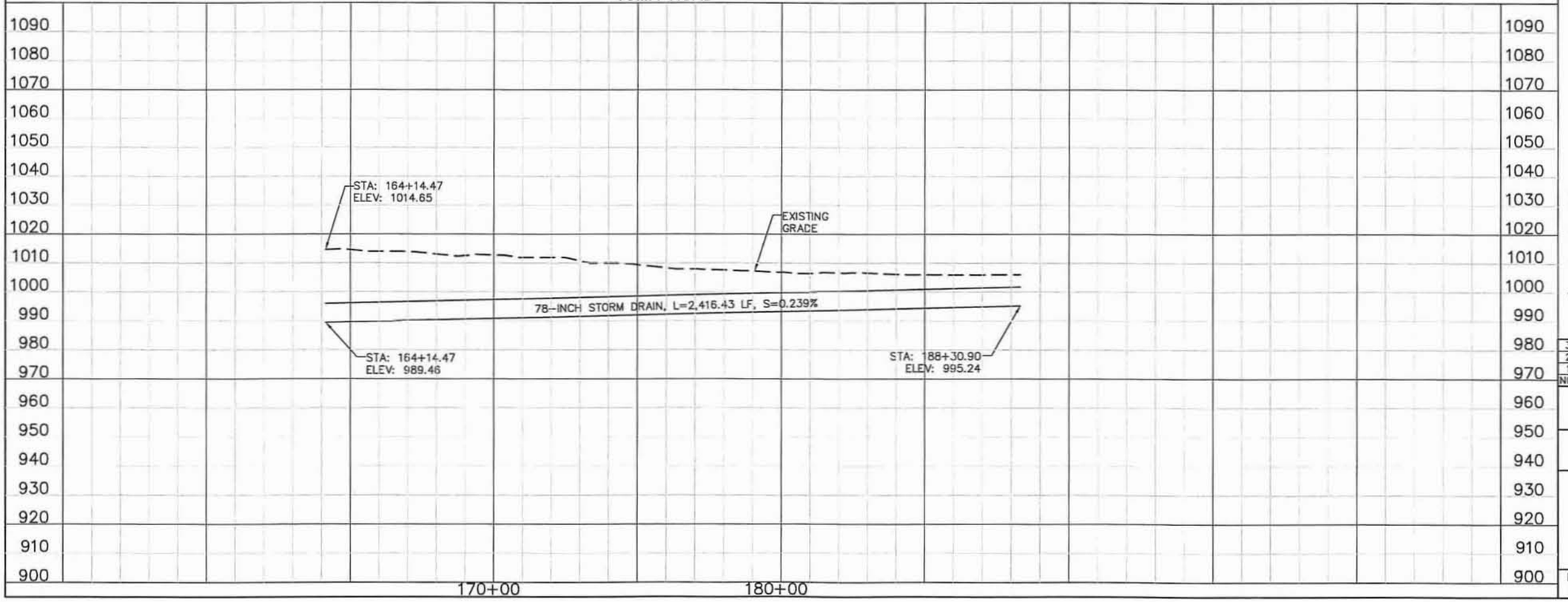
OLSSON ASSOCIATES

DRAWING NO.	PLAN & PROFILE	SHEET
APPENDIX C	STA 145+00.00 TO STA 164+14.47	04 OF 07



YUMA ROAD



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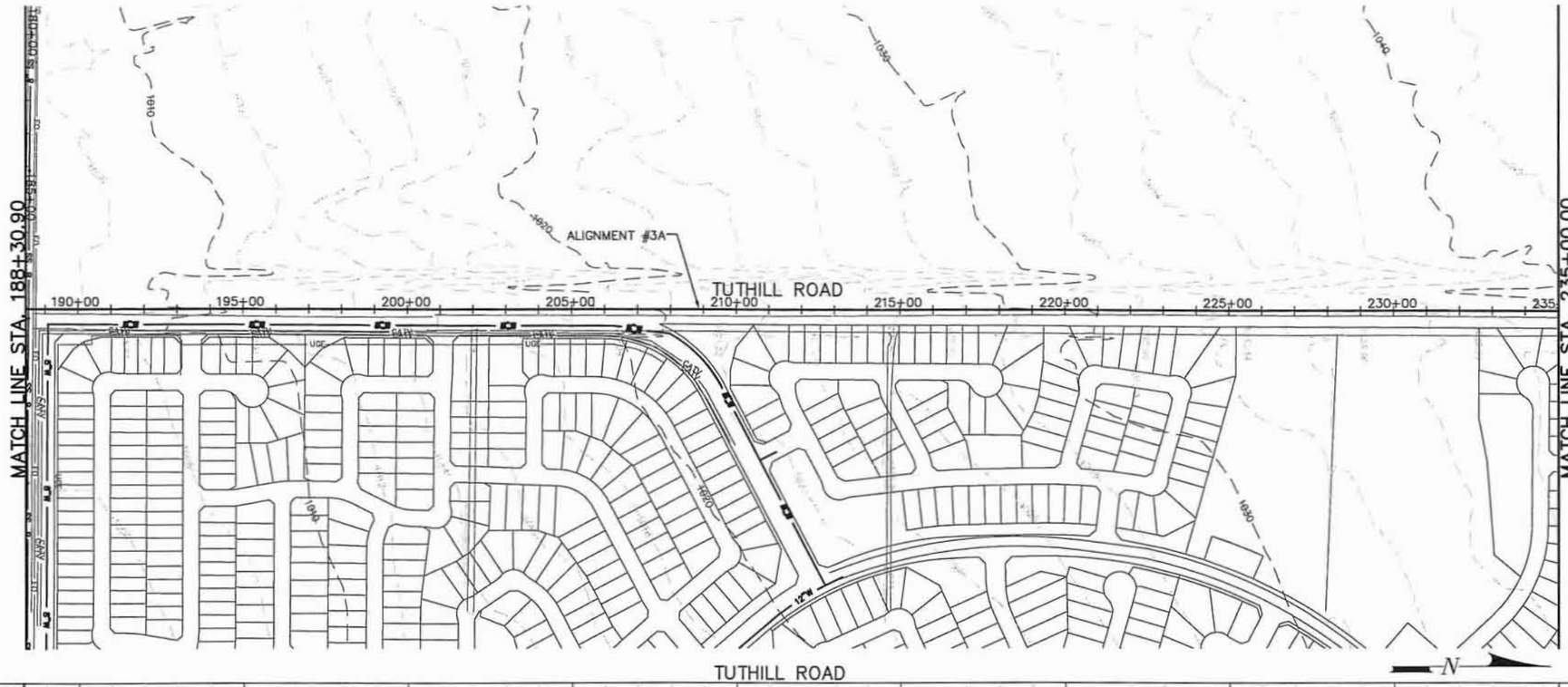
Phoenix, AZ 85020-5282
TEL 602.748.1000
FAX 602.748.1001

DRAWING NO.		SHEET
APPENDIX C	PLAN & PROFILE STA 164+14.47 TO STA 188+330.90	05 OF 07



☐ REMOVE ☐

⬠ RELOCATE ⬠

◇ RELOCATE BY OTHERS ◇

○ CONSTRUCT ○

GENERAL NOTES:
PRELIMINARY PLANS, NOT FOR CONSTRUCTION
PLANS ARE FOR CONCEPTUAL USE ONLY.

UTILITY LOCATIONS ARE SCHEMATIC, CULVERT LOCATIONS AND DEPTH ARE APPROXIMATE.

THE HORIZONTAL DATUM USED WAS NAD 83.
THE VERTICAL DATUM USED WAS NGVD 29.

10 0 10 20 Scale in Feet Verticall Scale

100 0 100 200 Scale in Feet Horizontal Scale

TWO WORKING DAYS BEFORE YOU DIG, CALL 263-1100 BLUE STAKE

NO.	REVISION	BY	DATE
3			
2			
1			

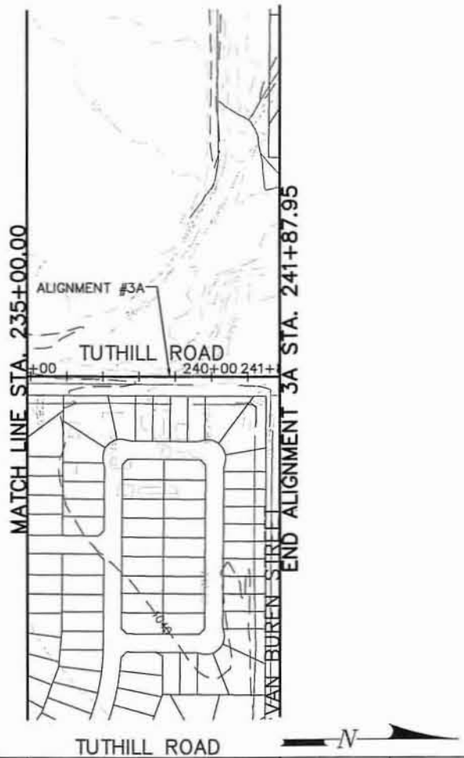
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
ENGINEERING DIVISION

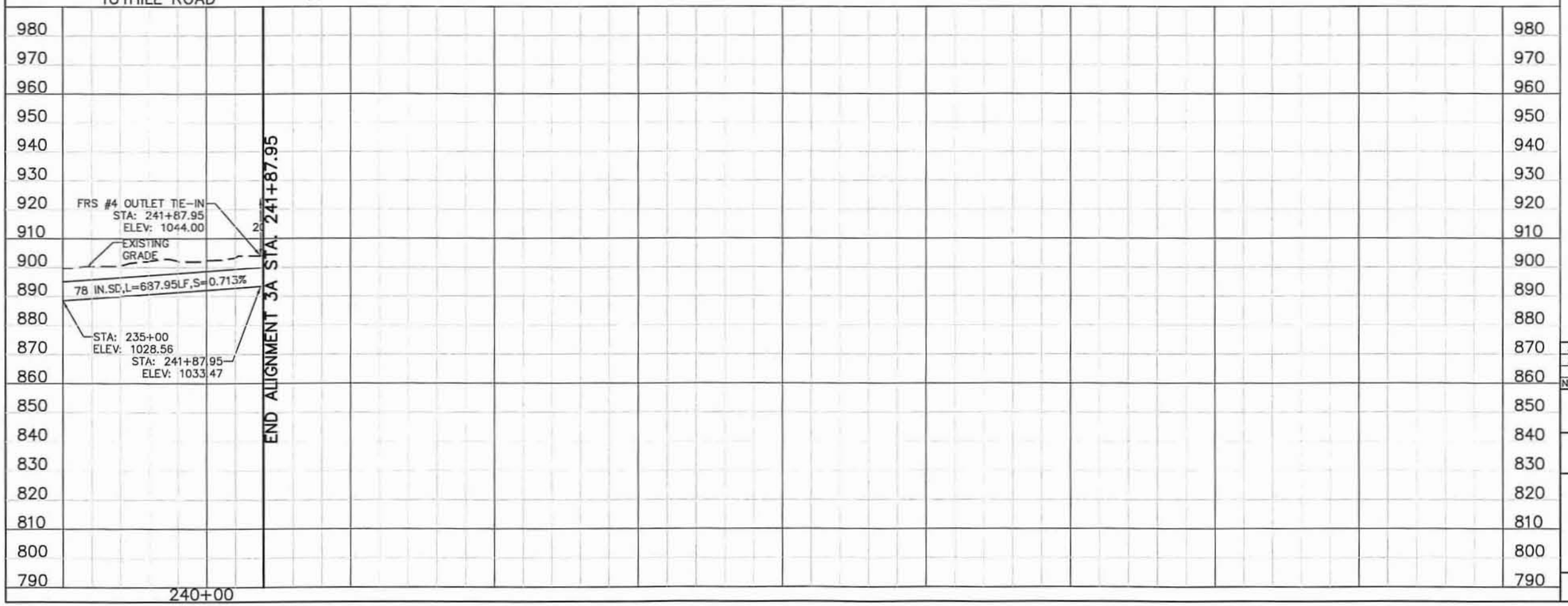
WHITE TANKS FRS #4 OUTLET
ALIGNMENT #3A
FCD 2008 C013

	BY	DATE
DESIGNED	SW	4/30/10
DRAWN	WH	4/30/10
CHECKED	JCF	4/30/10

OLSSON ASSOCIATES
7250 North 16th Street
Suite 210
Phoenix, AZ 85020-5252
TEL 602.748.1000
FAX 602.748.1001

DRAWING NO.	PLAN & PROFILE	SHEET
APPENDIX C	STA 188+30.90 TO STA 235+00.00	06 OF 07





☐ REMOVE ☐

⬠ RELOCATE ⬠

◇ RELOCATE BY OTHERS ◇

○ CONSTRUCT ○

GENERAL NOTES:
PRELIMINARY PLANS, NOT FOR CONSTRUCTION
PLANS ARE FOR CONCEPTUAL USE ONLY.

UTILITY LOCATIONS ARE SCHEMATIC, CULVERT LOCATIONS AND DEPTH ARE APPROXIMATE.

THE HORIZONTAL DATUM USED WAS NAD 83.
THE VERTICAL DATUM USED WAS NGVD 29.

10 0 10 20 Scale in Feet Verticall Scale

100 0 100 200 Scale in Feet Horizontal Scale

TWO WORKING DAYS BEFORE YOU DIG, CALL 263-1100 BLUE STAKE

NO.	REVISION	BY	DATE
3			
2			
1			

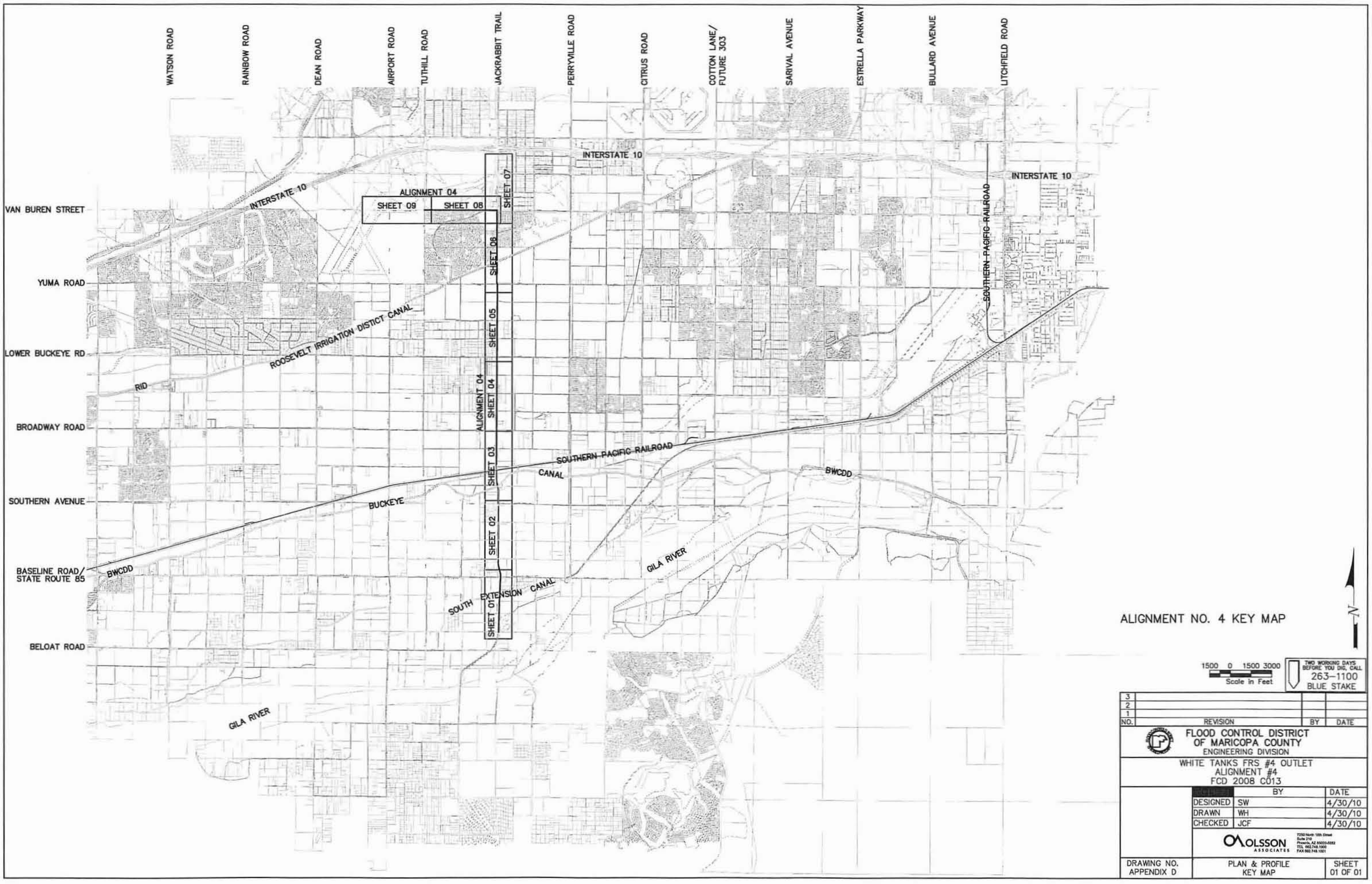
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
ENGINEERING DIVISION

WHITE TANKS FRS #4 OUTLET
ALIGNMENT #3A
FCD 2008 C013

	BY	DATE
DESIGNED	SW	4/30/10
DRAWN	WH	4/30/10
CHECKED	JCF	4/30/10

OLSSON ASSOCIATES
7250 North 16th Street
Suite 210
Phoenix, AZ 85020-5262
TEL 602.748.1000
FAX 602.748.1001

DRAWING NO.	PLAN & PROFILE	SHEET
APPENDIX C	STA 235+00.00 TO STA 241+87.95	07 OF 07



ALIGNMENT NO. 4 KEY MAP

1500 0 1500 3000
Scale in Feet

TWO WORKING DAYS BEFORE YOU DIG, CALL 263-1100 BLUE STAKE

NO.	REVISION	BY	DATE
3			
2			
1			

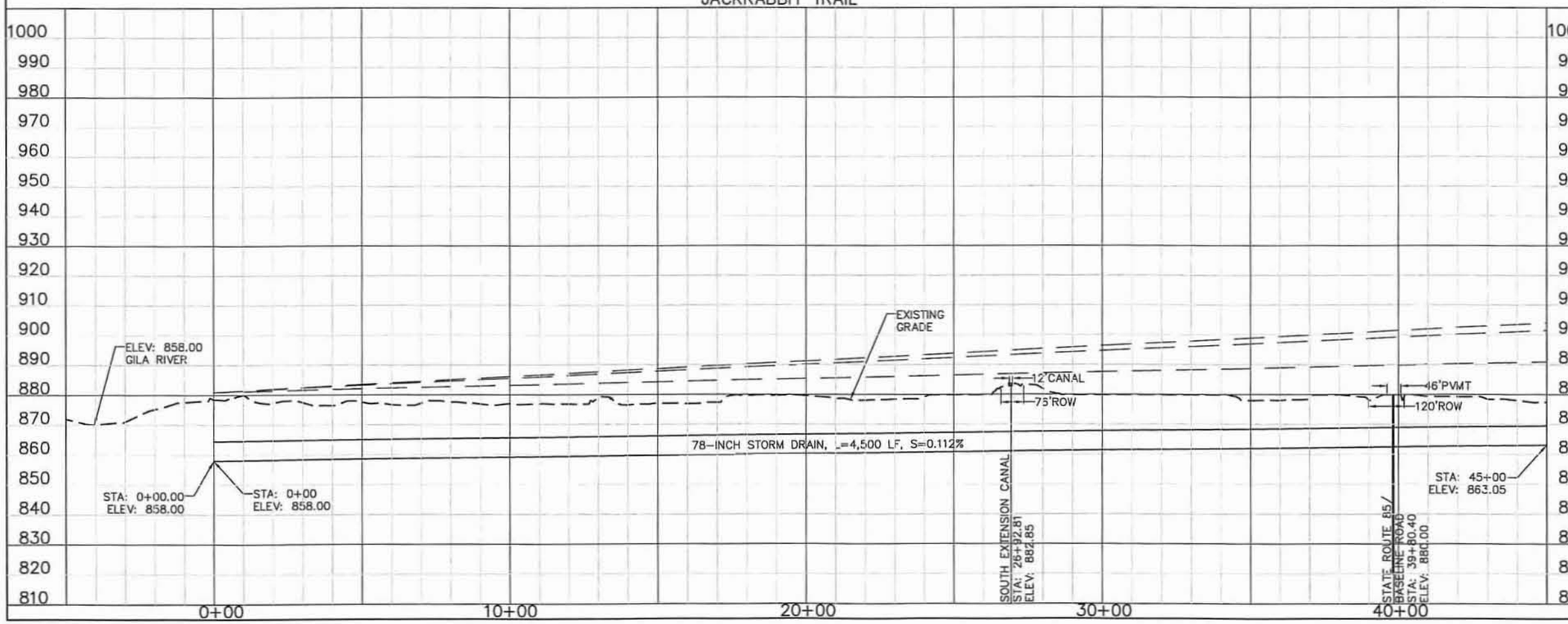
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
ENGINEERING DIVISION

WHITE TANKS FRS #4 OUTLET
ALIGNMENT #4
FCD 2008 C013

	BY	DATE
DESIGNED	SW	4/30/10
DRAWN	WH	4/30/10
CHECKED	JCF	4/30/10

OLSSON ASSOCIATES
7250 North 16th Street
Suite 210
Phoenix, AZ 85020-5282
TEL 602.748.1000
FAX 602.748.1001

DRAWING NO.	PLAN & PROFILE	SHEET
APPENDIX D	KEY MAP	01 OF 01



☐ REMOVE ☐

⬠ RELOCATE ⬠

◇ RELOCATE BY OTHERS ◇

○ CONSTRUCT ○

GENERAL NOTES:
PRELIMINARY PLANS, NOT FOR CONSTRUCTION
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THE HORIZONTAL DATUM USED WAS NAD 83.
THE VERTICAL DATUM USED WAS NGVD 29.

10 0 10 20 Scale in Feet Vertical Scale

100 0 100 200 Scale in Feet Horizontal Scale

TWO WORKING DAYS BEFORE YOU DIG, CALL 263-1100 BLUE STAKE

NO.	REVISION	BY	DATE
3			
2			
1			

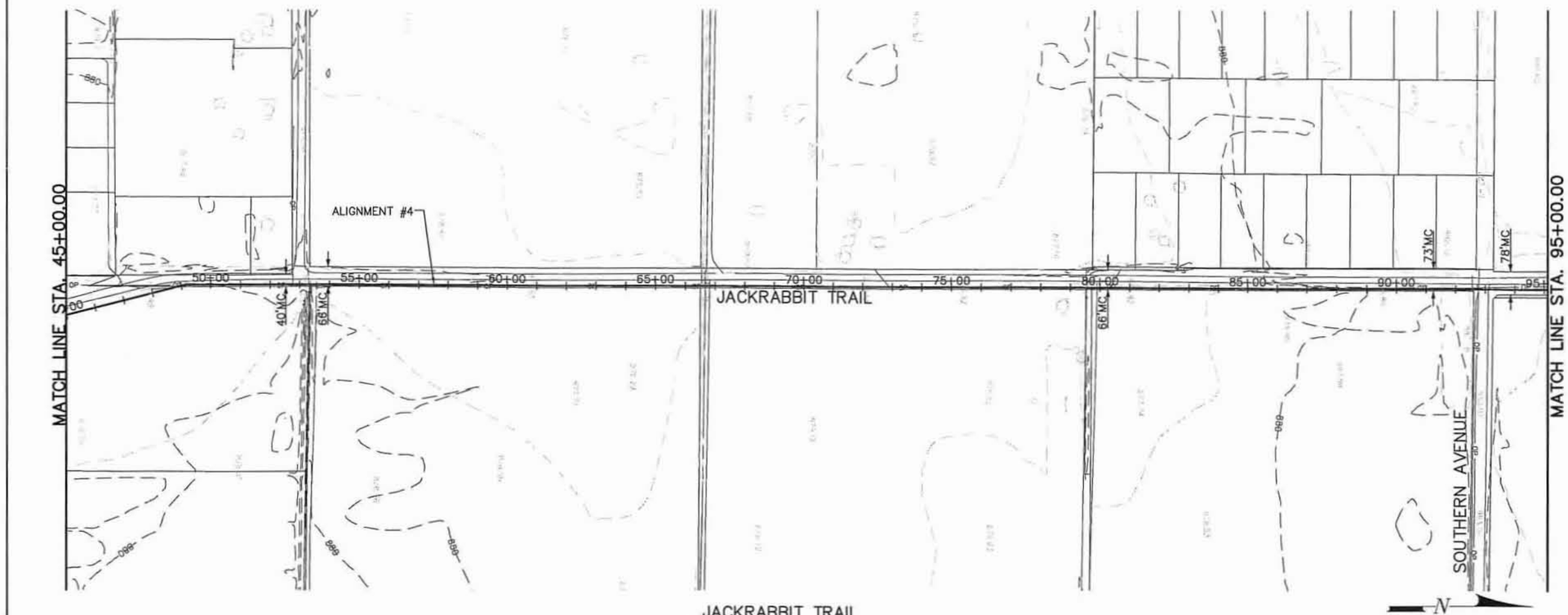
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
ENGINEERING DIVISION

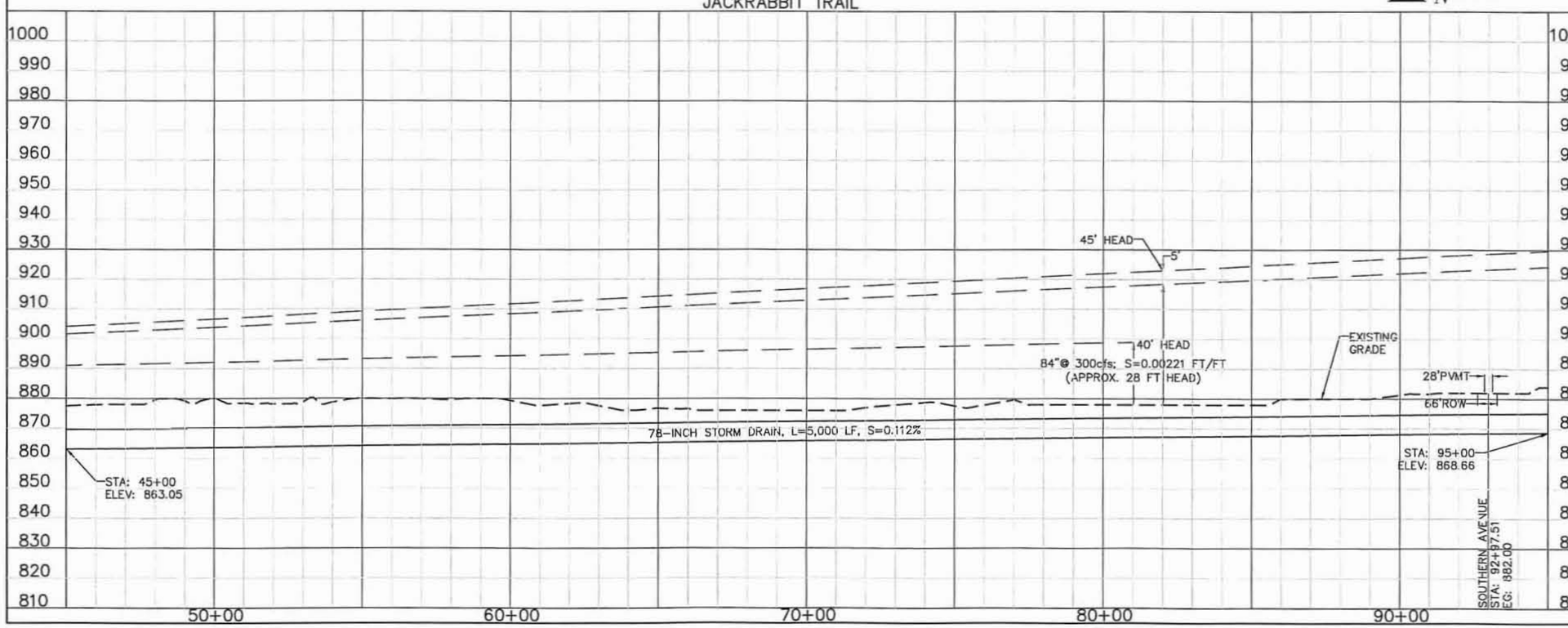
WHITE TANKS FRS #4 OUTLET
ALIGNMENT #4
FCD 2008 C013

	BY	DATE
DESIGNED	SW	4/30/10
DRAWN	WH	4/30/10
CHECKED	JCF	4/30/10

OLSSON ASSOCIATES

DRAWING NO.	PLAN & PROFILE	SHEET
APPENDIX D	STA 0+00.00 TO STA 45+00.00	01 OF 09





□ REMOVE □

⬠ RELOCATE ⬠

◇ RELOCATE BY OTHERS ◇

○ CONSTRUCT ○

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10 0 10 20 Scale in Feet Verticall Scale

100 0 100 200 Scale in Feet Horizontal Scale

TWO WORKING DAYS BEFORE YOU DIG, CALL 263-1100 BLUE STAKE

NO.	REVISION	BY	DATE
3			
2			
1			

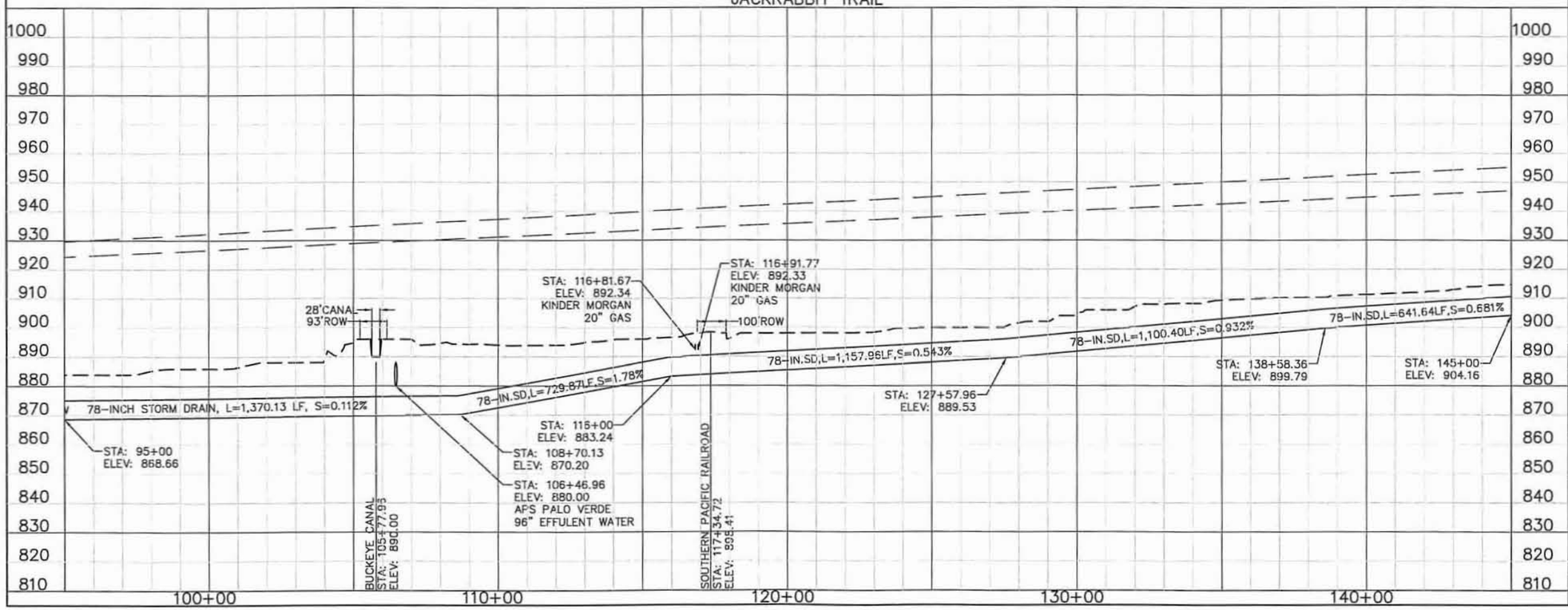
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
ENGINEERING DIVISION

WHITE TANKS FRS #4 OUTLET
ALIGNMENT #4
FCD 2008 C013

	BY	DATE
DESIGNED	SW	4/30/10
DRAWN	WH	4/30/10
CHECKED	JCF	4/30/10

OLSSON ASSOCIATES

DRAWING NO.	PLAN & PROFILE	SHEET
APPENDIX D	STA 45+00.00 TO STA 95+00.00	02 OF 09



REMOVE

RELOCATE

RELOCATE BY OTHERS

CONSTRUCT

GENERAL NOTES:
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PLANS ARE FOR CONCEPTUAL USE ONLY.

UTILITY LOCATIONS ARE SCHEMATIC, CULVERT LOCATIONS AND DEPTH ARE APPROXIMATE.

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10 0 10 20 Scale in Feet Vertical Scale

100 0 100 200 Scale in Feet Horizontal Scale

TWO WORKING DAYS BEFORE YOU DIG, CALL 263-1100 BLUE STAKE

NO.	REVISION	BY	DATE
3			
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
ENGINEERING DIVISION

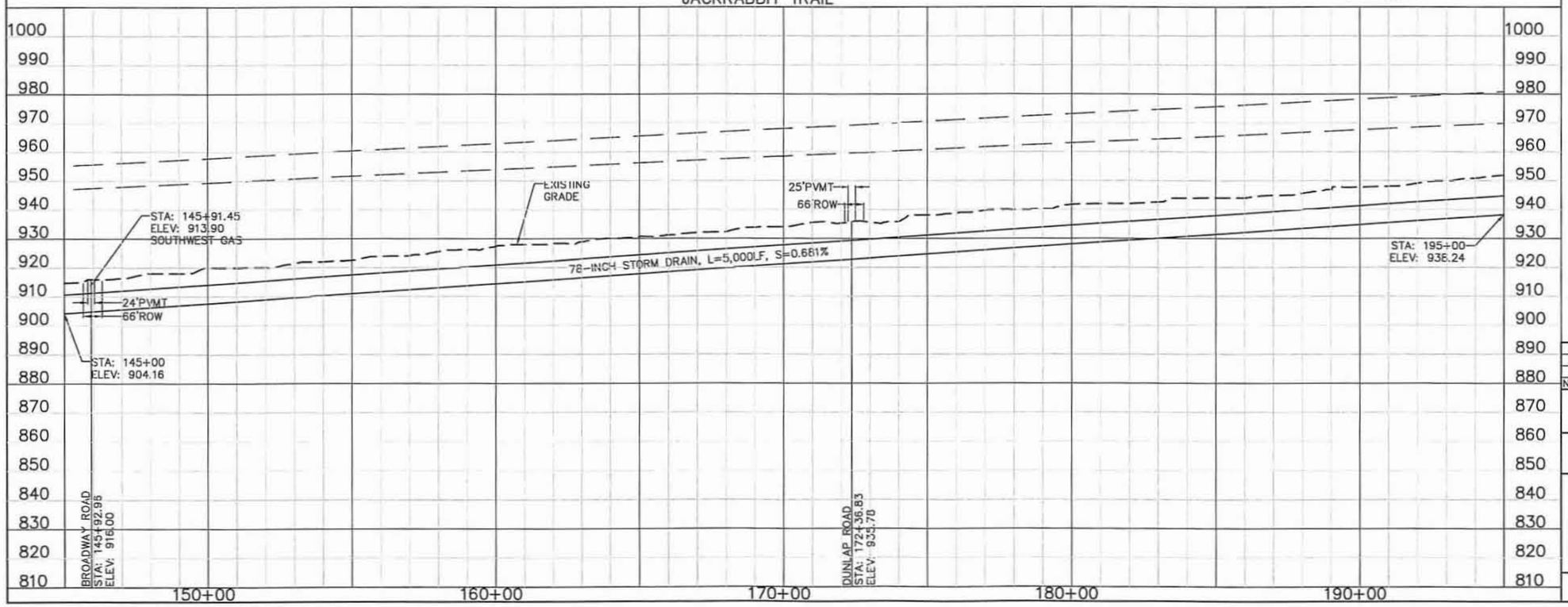
WHITE TANKS FRS #4 OUTLET
ALIGNMENT #4
FCD 2008 C013

	BY	DATE
DESIGNED	SW	4/30/10
DRAWN	WH	4/30/10
CHECKED	JCF	4/30/10

OLSSON ASSOCIATES
7250 North 16th Street
Suite 210
Phoenix, AZ 85020-5252
TEL 602.748.1000
FAX 602.748.1001

DRAWING NO.	PLAN & PROFILE	SHEET
APPENDIX D	STA 95+00.00 TO STA 145+00.00	03 OF 09

JACKRABBIT TRAIL



REMOVE

RELOCATE

RELOCATE BY OTHERS

CONSTRUCT

GENERAL NOTES:
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10 0 10 20 Scale in Feet Vertical Scale

100 0 100 200 Scale in Feet Horizontal Scale

TWO WORKING DAYS BEFORE YOU DIG, CALL 263-1100 BLUE STAKE

NO.	REVISION	BY	DATE
3			
2			
1			

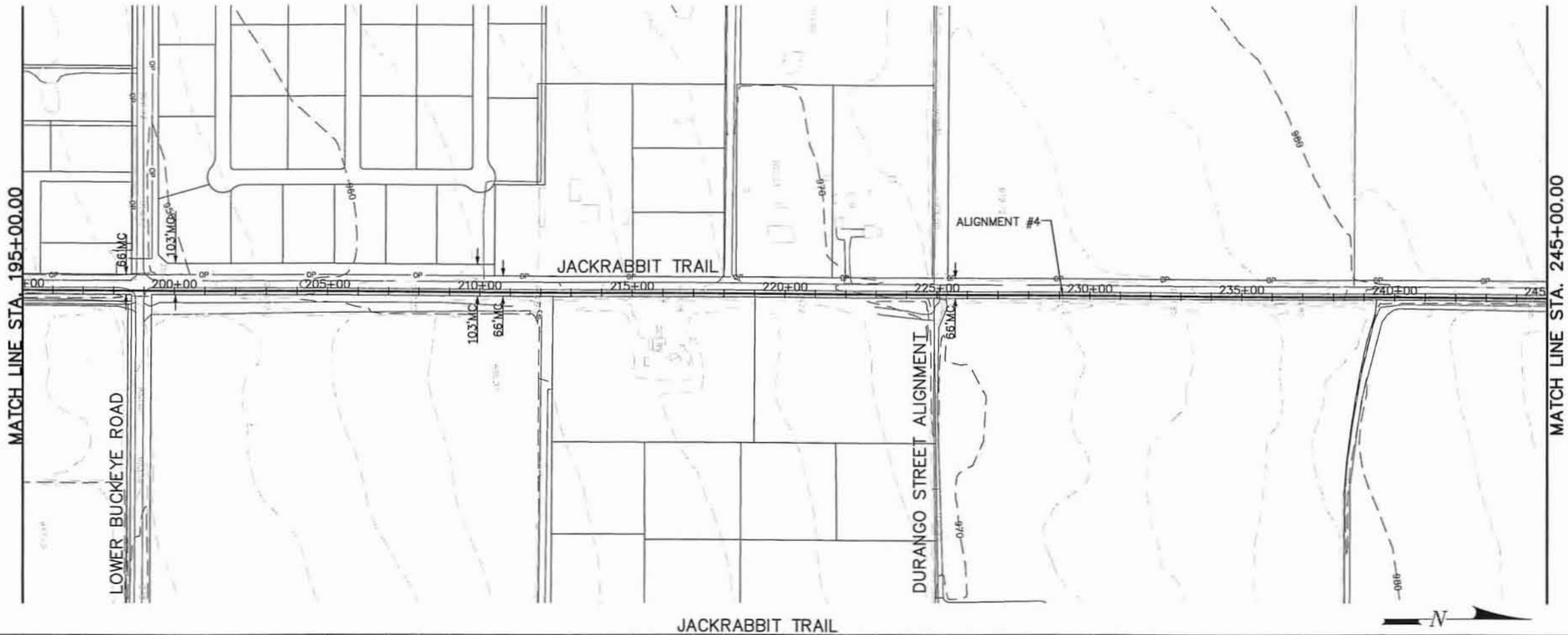
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
ENGINEERING DIVISION

WHITE TANKS FRS #4 OUTLET
ALIGNMENT #4
FCD 2008 C013

	BY	DATE
DESIGNED	SW	4/30/10
DRAWN	WH	4/30/10
CHECKED	JCF	4/30/10

OLSSON ASSOCIATES

DRAWING NO. APPENDIX D	PLAN & PROFILE STA 145+00.00 TO STA 195+00.00	SHEET 04 OF 09



☐ REMOVE ☐

⬠ RELOCATE ⬠

◇ RELOCATE BY OTHERS ◇

○ CONSTRUCT ○

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10 0 10 20 Scale in Feet Verticall Scale

100 0 100 200 Scale in Feet Horizontal Scale

TWO WORKING DAYS BEFORE YOU DIG, CALL 263-1100 BLUE STAKE

NO.	REVISION	BY	DATE
3			
2			
1			

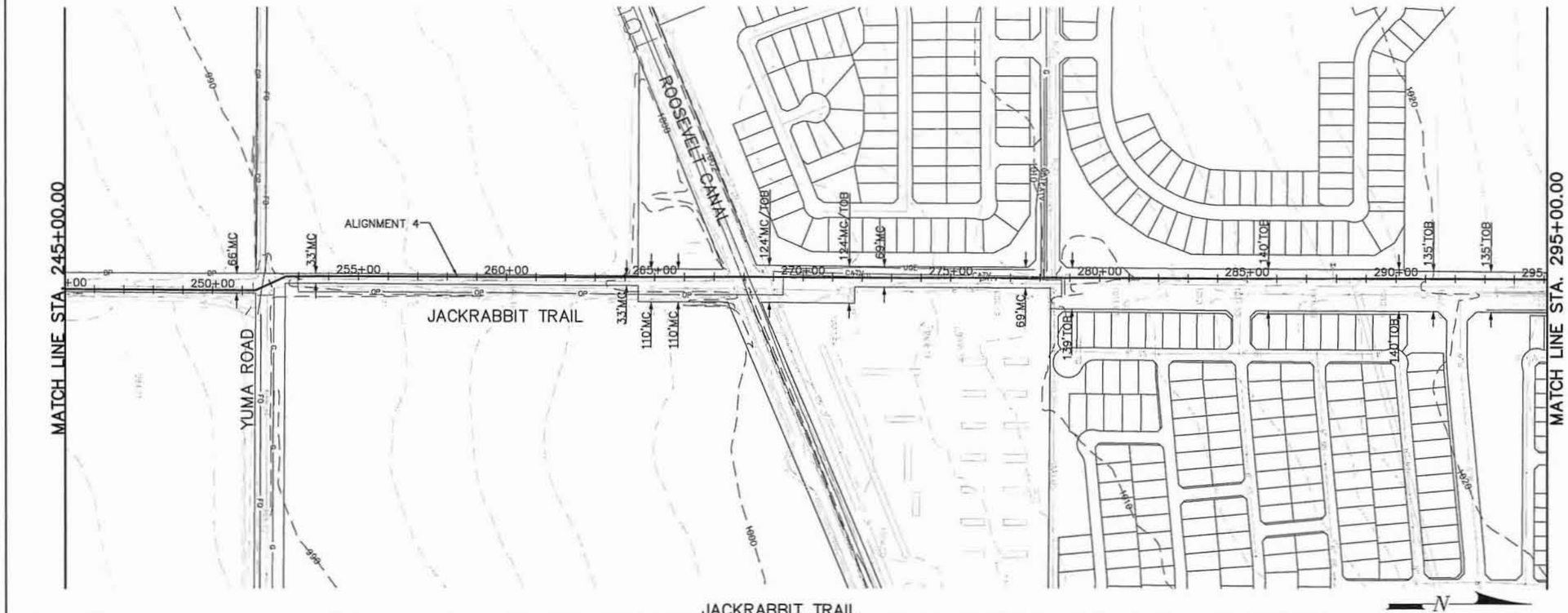
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
ENGINEERING DIVISION

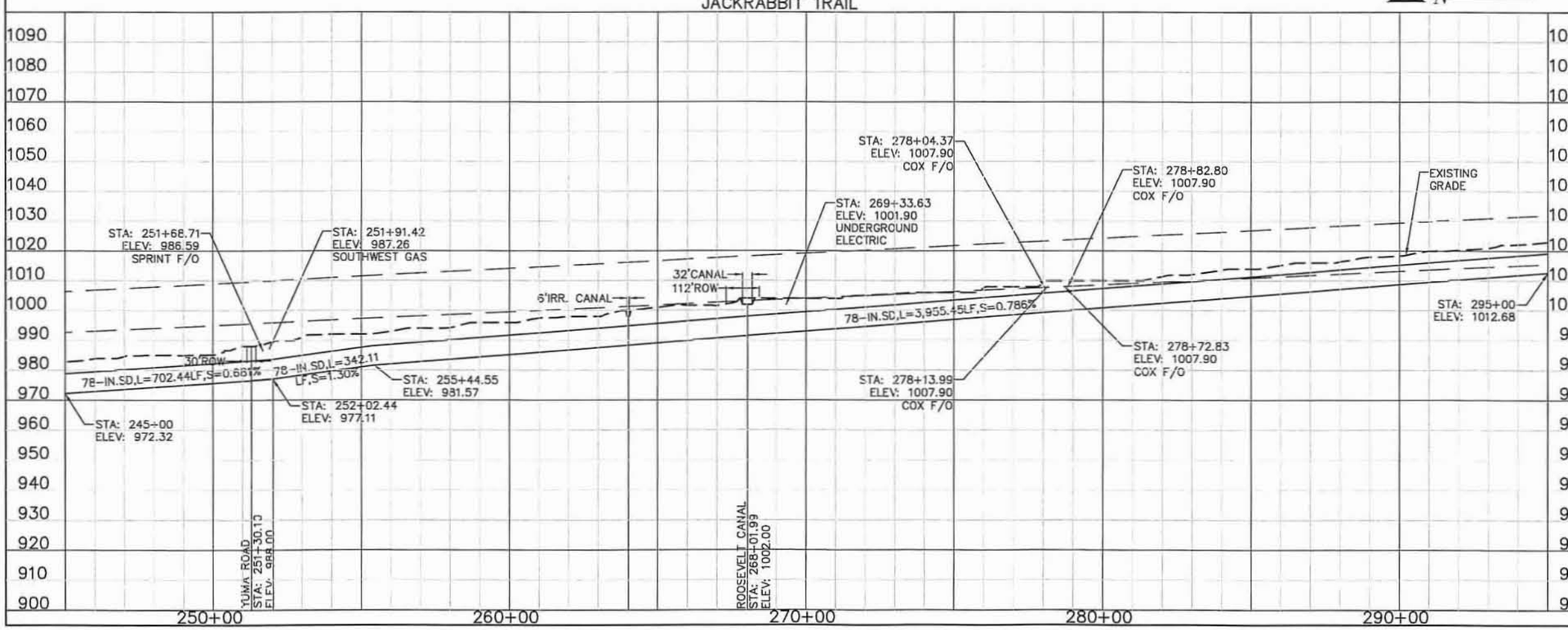
WHITE TANKS FRS #4 OUTLET
ALIGNMENT #4
FCD 2008 C013

	BY	DATE
DESIGNED	SW	4/30/10
DRAWN	WH	4/30/10
CHECKED	JCF	4/30/10

OLSSON ASSOCIATES
7250 North 16th Street
Suite 210
Phoenix, AZ 85020-5262
TEL 602.748.1000
FAX 602.748.1001

DRAWING NO.	PLAN & PROFILE	SHEET
APPENDIX D	STA 195+00.00 TO STA 245+00.00	05 OF 09





☐ REMOVE ☐

⬠ RELOCATE ⬠

◇ RELOCATE BY OTHERS ◇

○ CONSTRUCT ○

GENERAL NOTES:
PRELIMINARY PLANS, NOT FOR CONSTRUCTION
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THE VERTICAL DATUM USED WAS NGVD 29.

10 0 10 20 Scale in Feet Verticall Scale

100 0 100 200 Scale in Feet Horizontal Scale

TWO WORKING DAYS BEFORE YOU DIG, CALL 263-1100 BLUE STAKE

NO.	REVISION	BY	DATE
3			
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
ENGINEERING DIVISION

WHITE TANKS FRS #4 OUTLET
ALIGNMENT #4
FCD 2008 C013

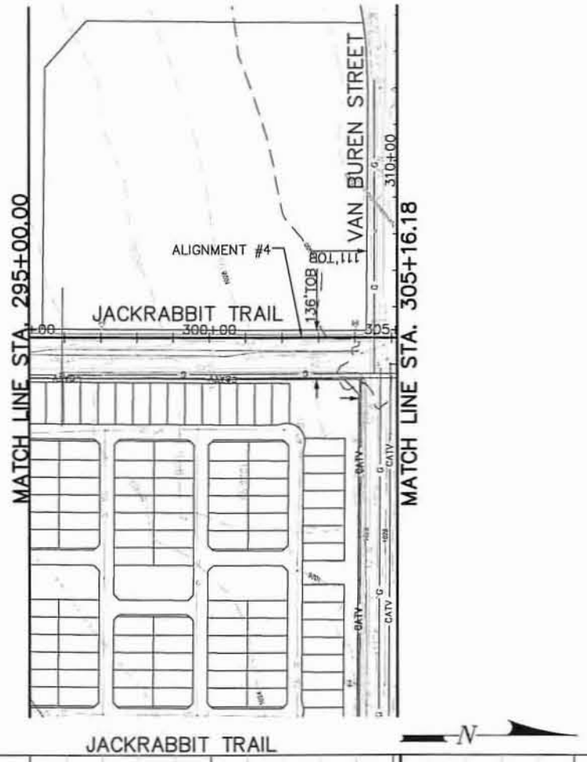
	BY	DATE
DESIGNED	SW	4/30/10
DRAWN	WH	4/30/10
CHECKED	JCF	4/30/10

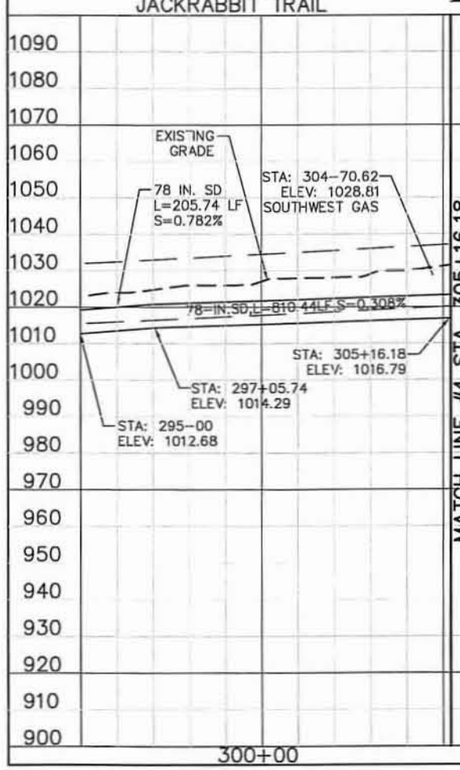
OLSSON ASSOCIATES
7250 North 16th Street
Suite 210
Phoenix, AZ 85020-5282
TEL 602.748.1000
FAX 602.748.1001

DRAWING NO. APPENDIX D

PLAN & PROFILE STA 245+00.00 TO STA 295+00.00

SHEET 06 OF 09





☐ REMOVE ☐

⬠ RELOCATE ⬠

◇ RELOCATE BY OTHERS ◇

○ CONSTRUCT ○

GENERAL NOTES:
PRELIMINARY PLANS, NOT FOR CONSTRUCTION
PLANS ARE FOR CONCEPTUAL USE ONLY.

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THE HORIZONTAL DATUM USED WAS NAD 83.
THE VERTICAL DATUM USED WAS NGVD 29.

10 0 10 20 Scale in Feet Verticall Scale

100 0 100 200 Scale in Feet Horizontal Scale

TWO WORKING DAYS BEFORE YOU DIG, CALL 263-1100 BLUE STAKE

NO.	REVISION	BY	DATE
3			
2			
1			

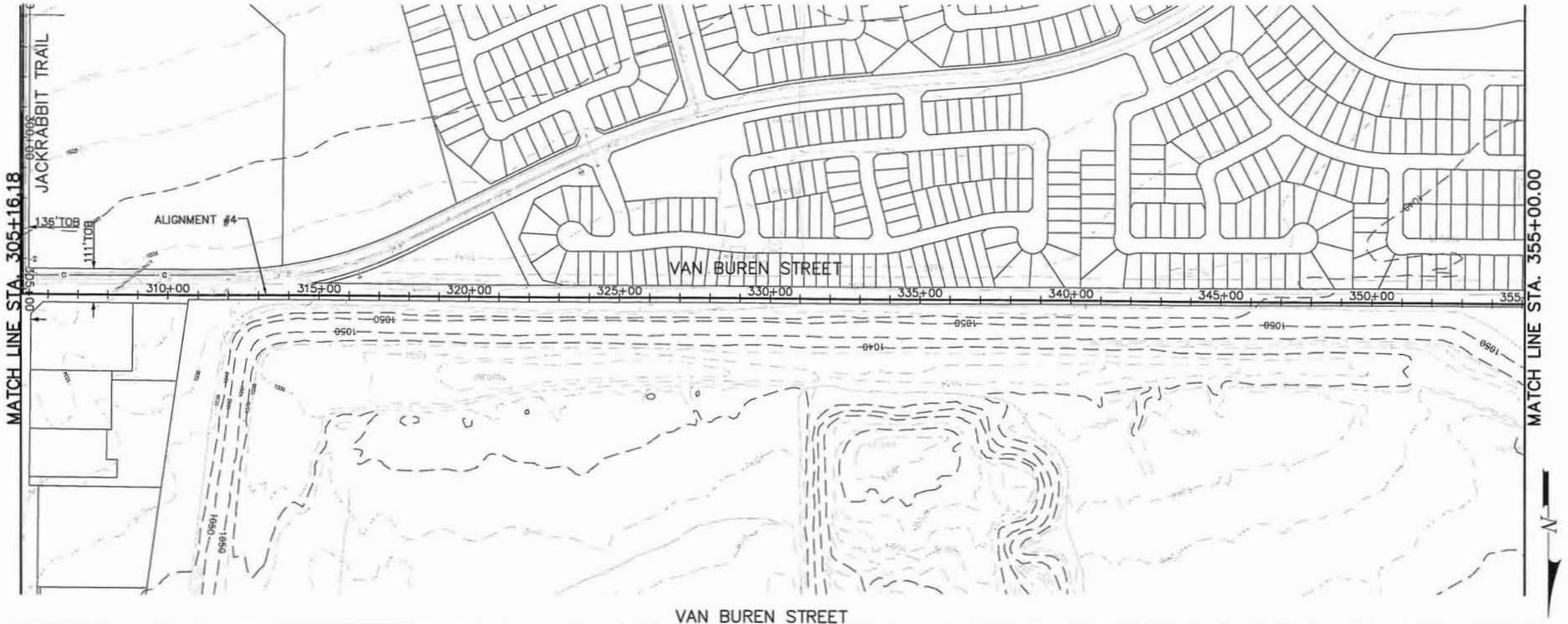
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
ENGINEERING DIVISION

WHITE TANKS FRS #4 OUTLET
ALIGNMENT #4
FCD 2008 C013

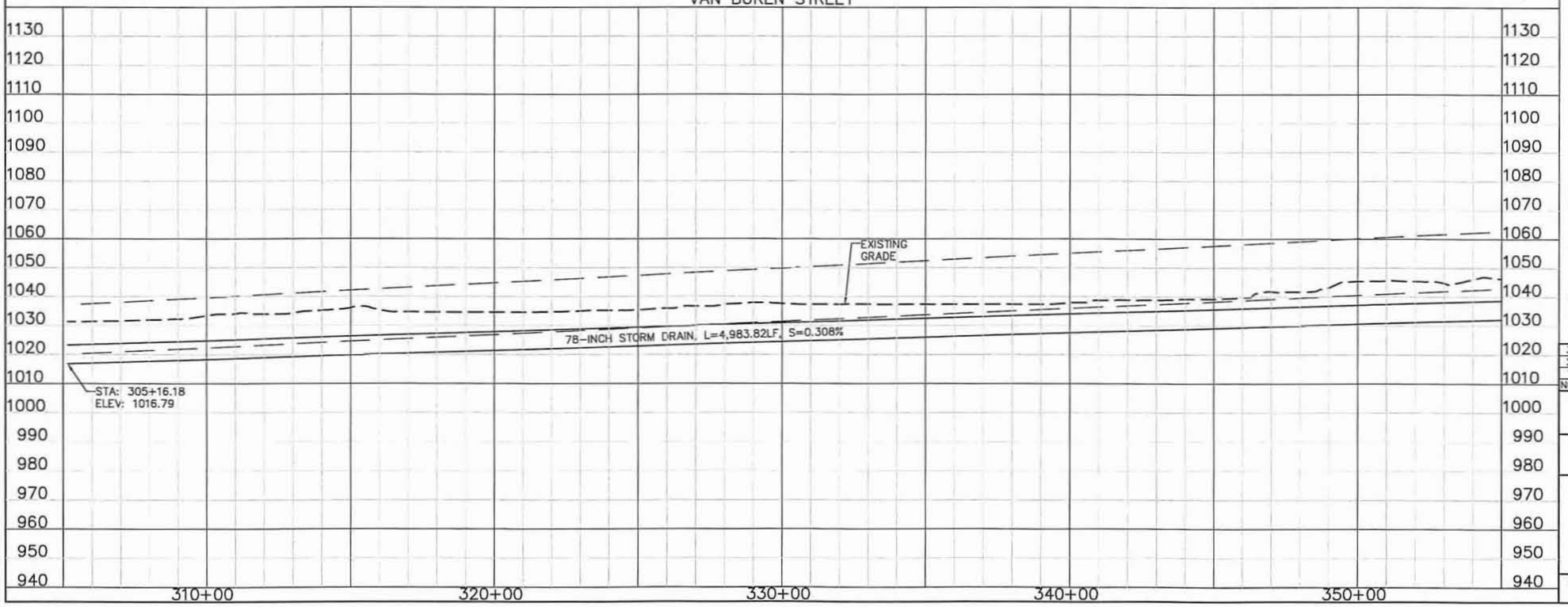
	BY	DATE
DESIGNED	SW	4/30/10
DRAWN	WH	4/30/10
CHECKED	JCF	4/30/10

OLSSON ASSOCIATES
7250 North 16th Street
Suite 210
Phoenix, AZ 85020-5262
TEL 602.748.1000
FAX 602.748.1001

DRAWING NO.	PLAN & PROFILE	SHEET
APPENDIX D	STA 295+00.00 TO STA 305+16.18	07 OF 09



VAN BUREN STREET



□ REMOVE □

⬠ RELOCATE ⬠

◇ RELOCATE BY OTHERS ◇

○ CONSTRUCT ○

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PRELIMINARY PLANS, NOT FOR CONSTRUCTION
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THE VERTICAL DATUM USED WAS NGVD 29.

10 0 10 20 Scale in Feet Verticall Scale

100 0 100 200 Scale in Feet Horizontal Scale

TWO WORKING DAYS BEFORE YOU DIG, CALL 263-1100 BLUE STAKE

NO.	REVISION	BY	DATE
3			
2			
1			

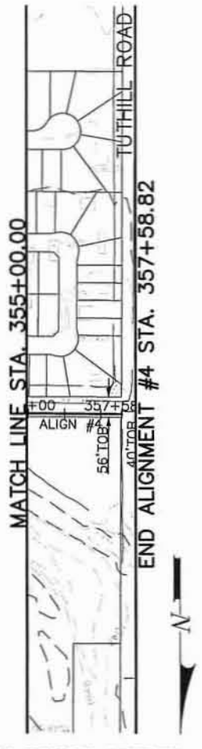
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
ENGINEERING DIVISION

WHITE TANKS FRS #4 OUTLET
ALIGNMENT #4
FCD 2008 C013

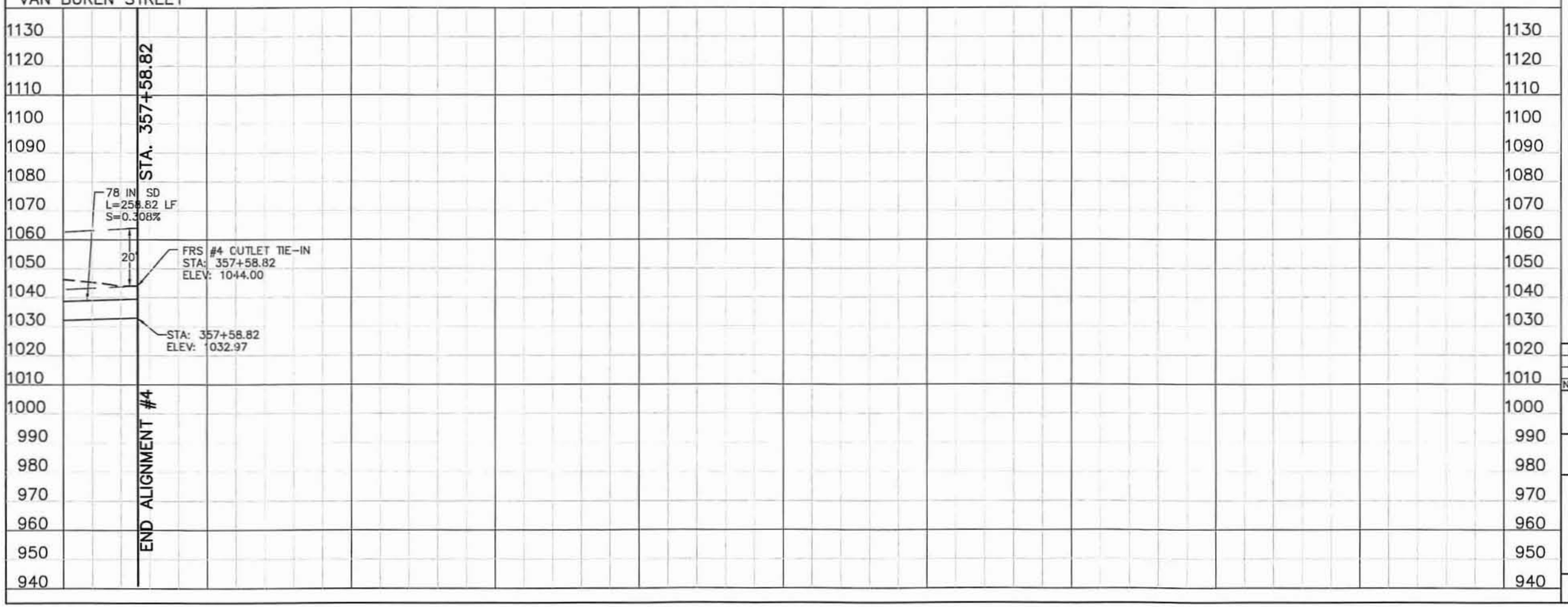
	BY	DATE
DESIGNED	SW	4/30/10
DRAWN	WH	4/30/10
CHECKED	JCF	4/30/10

OLSSON ASSOCIATES
7250 North 16th Street
Suite 310
Phoenix, AZ 85020-5283
TEL 602.748.1000
FAX 602.748.1001

DRAWING NO.	PLAN & PROFILE	SHEET
APPENDIX D	STA 305+16.18 TO STA 355+00.00	08 OF 09



VAN BUREN STREET



☐ REMOVE ☐

⬠ RELOCATE ⬠

◇ RELOCATE BY OTHERS ◇

○ CONSTRUCT ○

GENERAL NOTES:
PRELIMINARY PLANS, NOT FOR CONSTRUCTION
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THE VERTICAL DATUM USED WAS NGVD 29.

10 0 10 20 Scale in Feet Verticall Scale

100 0 100 200 Scale in Feet Horizontal Scale

TWO WORKING DAYS BEFORE YOU DIG, CALL 263-1100 BLUE STAKE

NO.	REVISION	BY	DATE
3			
2			
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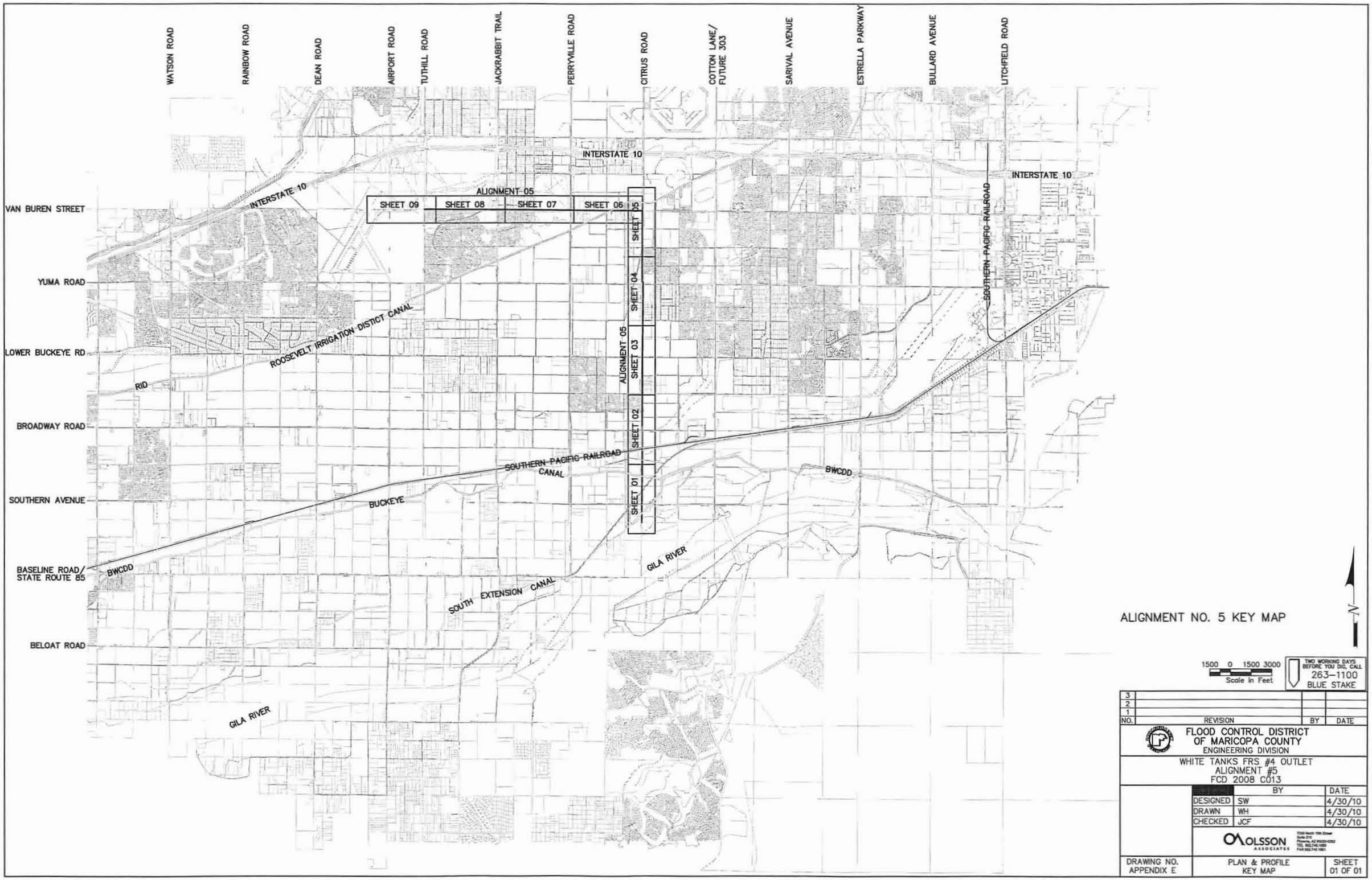
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
ENGINEERING DIVISION

WHITE TANKS FRS #4 OUTLET
ALIGNMENT #4
FCD 2008 C013

	BY	DATE
DESIGNED	SW	4/30/10
DRAWN	WH	4/30/10
CHECKED	JCF	4/30/10

OLSSON ASSOCIATES
7250 North 16th Street
Suite 210
Phoenix, AZ 85020-5262
TEL 602.748.1000
FAX 602.748.1001

DRAWING NO.	PLAN & PROFILE	SHEET
APPENDIX D	STA 355+00.00 TO STA 357+58.82	09 OF 09



ALIGNMENT NO. 5 KEY MAP

1500 0 1500 3000
Scale in Feet

TWO WORKING DAYS BEFORE YOU DIG, CALL
263-1100
BLUE STAKE

NO.	REVISION	BY	DATE
3			
2			
1			

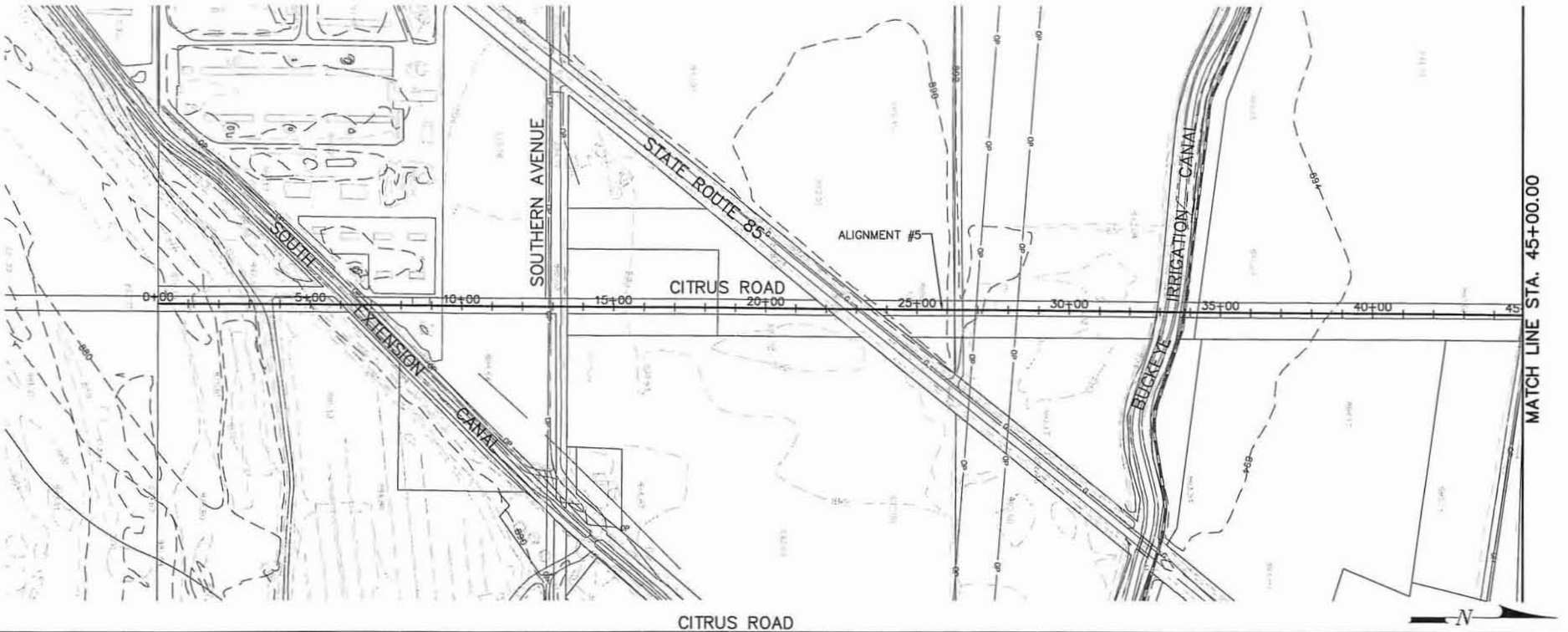
FLOOD CONTROL DISTRICT
OF MARICOPA COUNTY
ENGINEERING DIVISION

WHITE TANKS FRS #4 OUTLET
ALIGNMENT #5
FCD 2008 C013

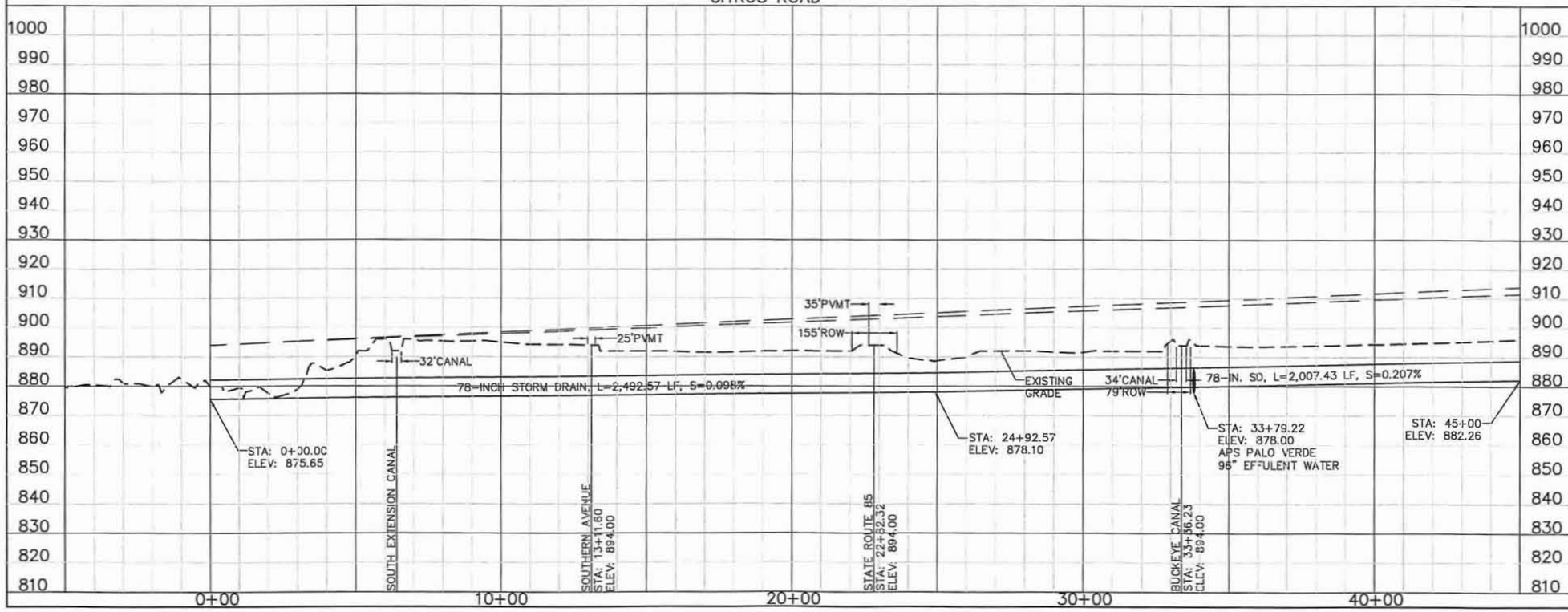
	BY	DATE
DESIGNED	SW	4/30/10
DRAWN	WH	4/30/10
CHECKED	JCF	4/30/10

OLSSON ASSOCIATES
7250 North 16th Street
Suite 210
Phoenix, AZ 85020-5262
TEL 602.748.1000
FAX 602.748.1001

DRAWING NO. APPENDIX E	PLAN & PROFILE KEY MAP	SHEET 01 OF 01



CITRUS ROAD



☐ REMOVE ☐

⬠ RELOCATE ⬠

◇ RELOCATE BY OTHERS ◇

○ CONSTRUCT ○

GENERAL NOTES:
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THE VERTICAL DATUM USED WAS NGVD 29.

10 0 10 20 Scale in Feet Vertical Scale

100 0 100 200 Scale in Feet Horizontal Scale

TWO WORKING DAYS BEFORE YOU DIG, CALL 263-1100 BLUE STAKE

NO.	REVISION	BY	DATE
3			
2			
1			

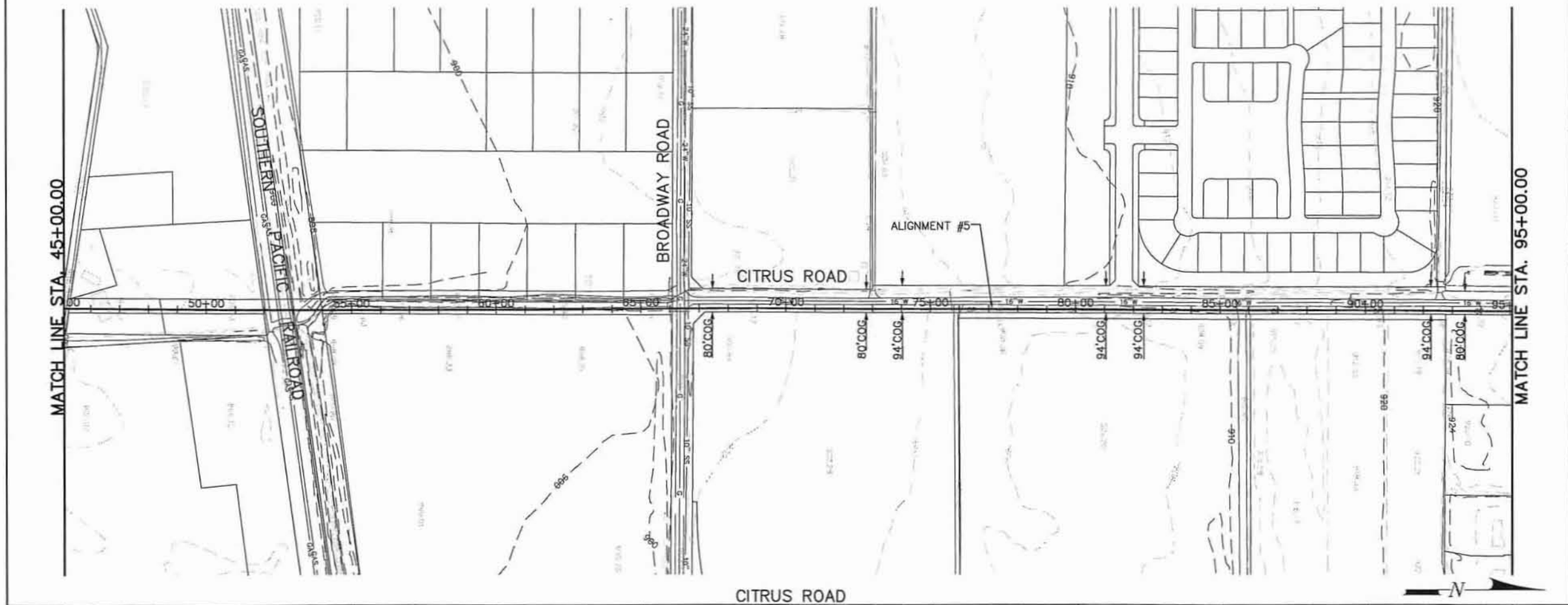
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
ENGINEERING DIVISION

WHITE TANKS FRS #4 OUTLET
ALIGNMENT #5
FCD 2008 C013

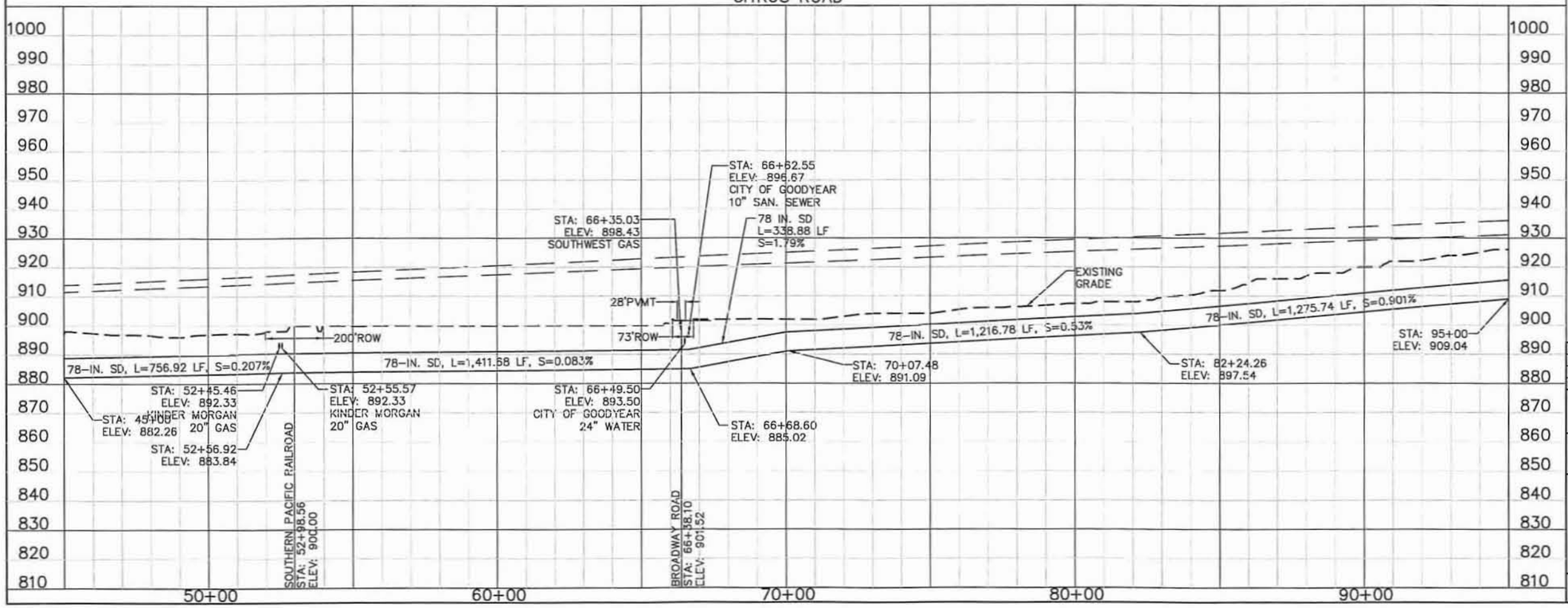
	BY	DATE
DESIGNED	SW	4/30/10
DRAWN	WH	4/30/10
CHECKED	JCF	4/30/10

OLSSON ASSOCIATES

DRAWING NO.	PLAN & PROFILE	SHEET
APPENDIX E	STA 0+00.00 TO STA 45+00.00	01 OF 09



CITRUS ROAD



☐ REMOVE ☐

⬠ RELOCATE ⬠

◇ RELOCATE BY OTHERS ◇

○ CONSTRUCT ○

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THE HORIZONTAL DATUM USED WAS NAD 83.
THE VERTICAL DATUM USED WAS NGVD 29.

10 0 10 20 Scale in Feet Vertical Scale

100 0 100 200 Scale in Feet Horizontal Scale

TWO WORKING DAYS BEFORE YOU DIG, CALL 263-1100 BLUE STAKE

NO.	REVISION	BY	DATE
3			
2			
1			

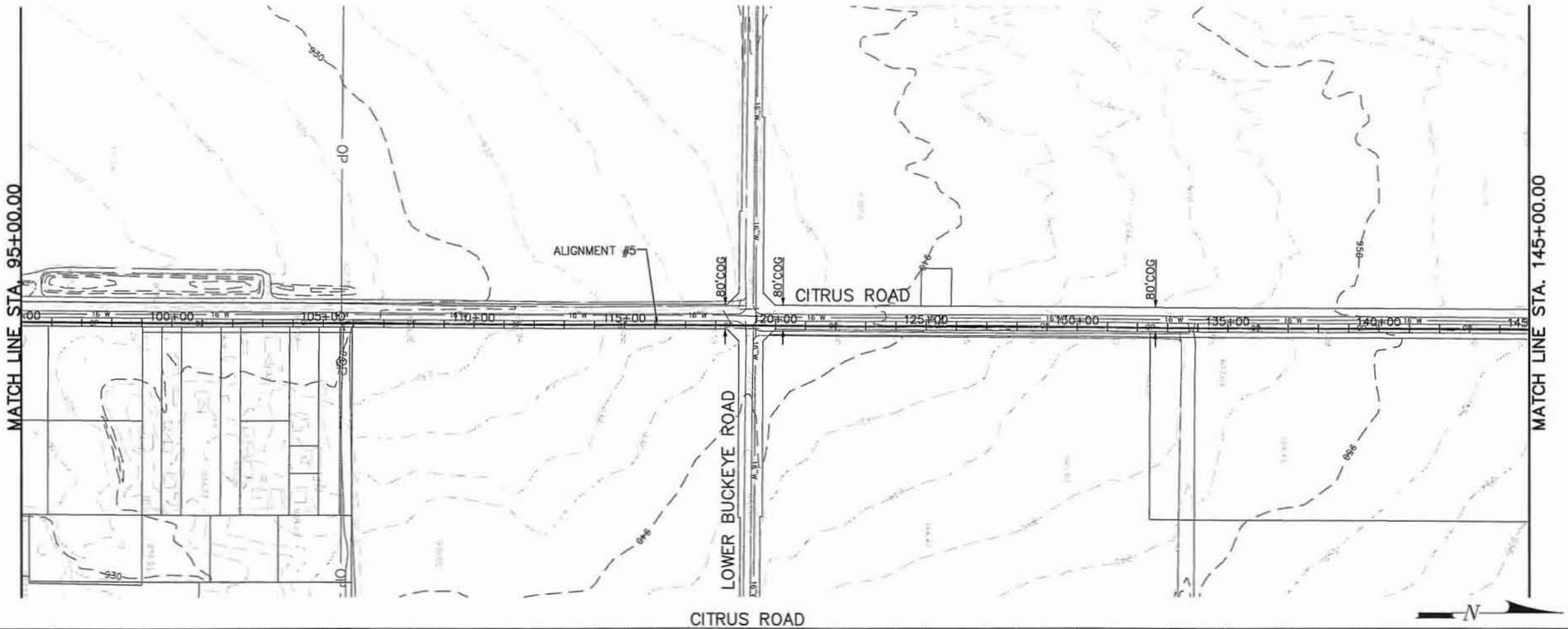
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
ENGINEERING DIVISION

WHITE TANKS FRS #4 OUTLET
ALIGNMENT #5
FCD 2008 C013

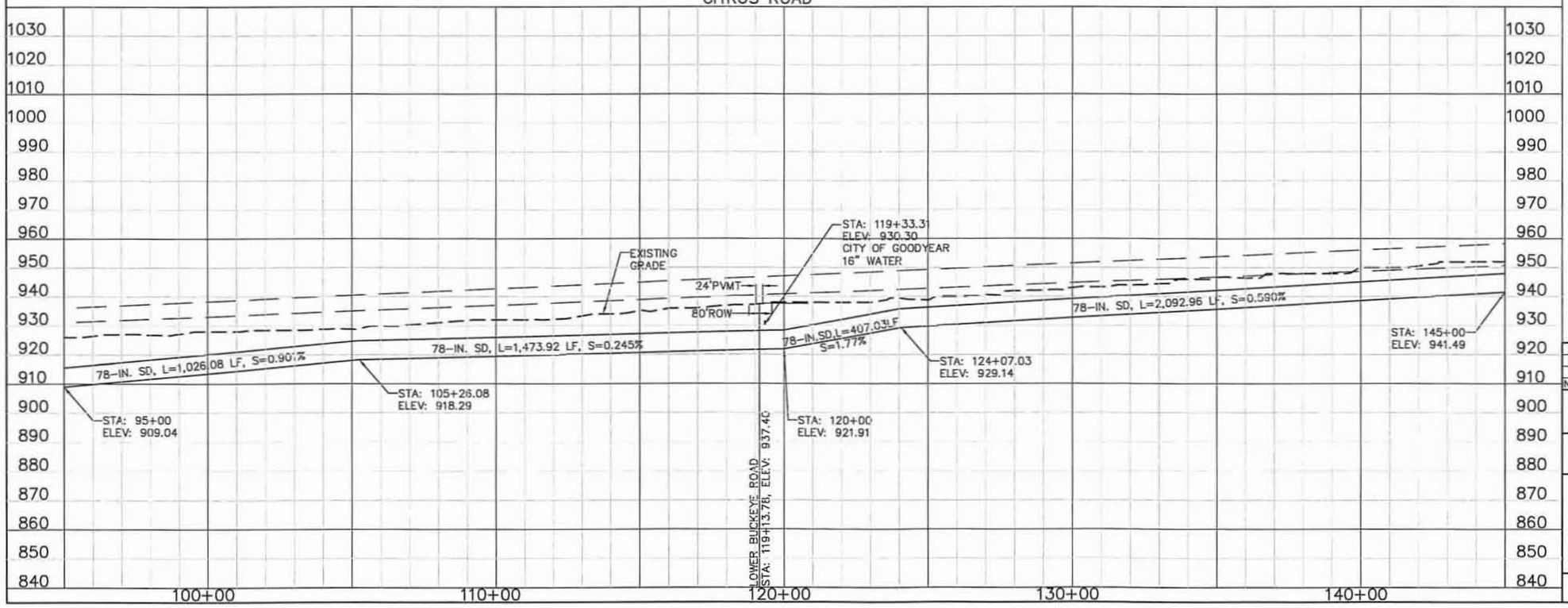
	BY	DATE
DESIGNED	SW	4/30/10
DRAWN	WH	4/30/10
CHECKED	JCF	4/30/10

OLSSON ASSOCIATES

DRAWING NO.	PLAN & PROFILE	SHEET
APPENDIX E	STA 45+00.00 TO STA 95+00.00	02 OF 09



CITRUS ROAD



☐ REMOVE ☐

⬠ RELOCATE ⬠

◇ RELOCATE BY OTHERS ◇

○ CONSTRUCT ○

GENERAL NOTES:
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NO.	REVISION	BY	DATE
3			
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1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
ENGINEERING DIVISION

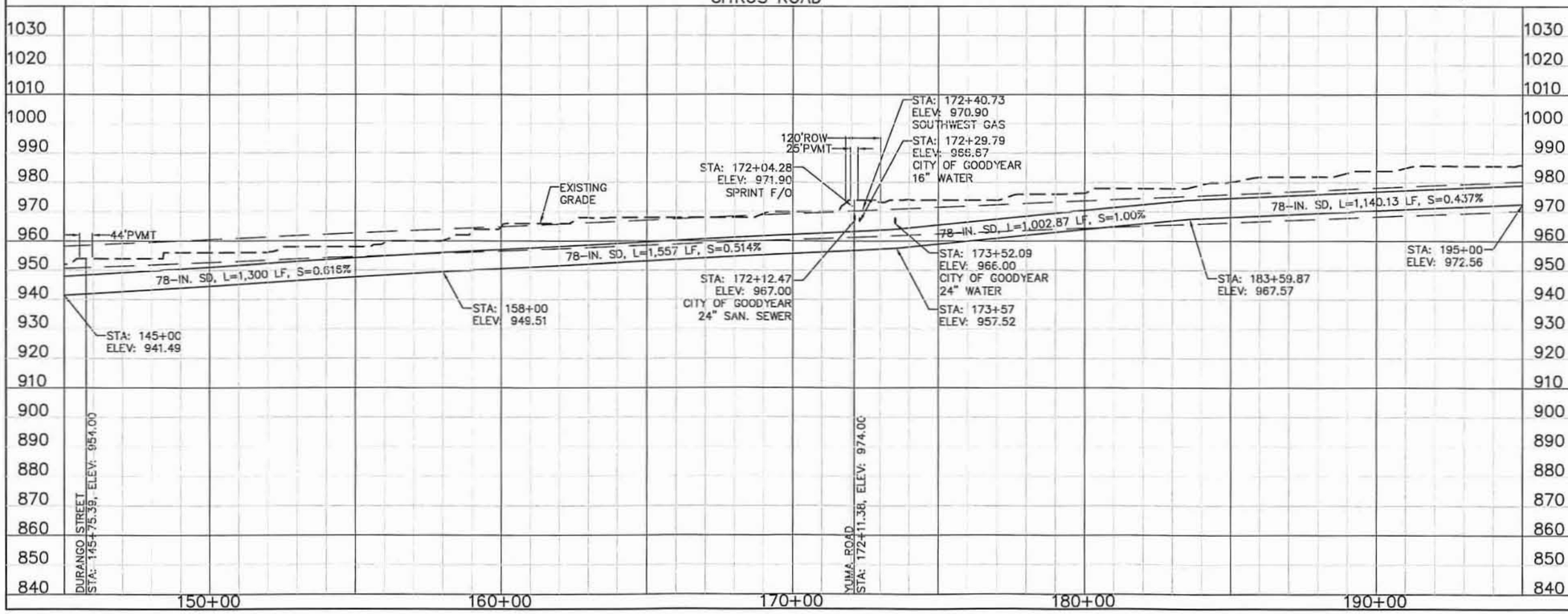
WHITE TANKS FRS #4 OUTLET
ALIGNMENT #5
FCD 2008 C013

	BY	DATE
DESIGNED	SW	4/30/10
DRAWN	WH	4/30/10
CHECKED	JCF	4/30/10

OLSSON ASSOCIATES
7250 North 16th Street Suite 210 Phoenix, AZ 85020-5252 TEL 602.748.1000 FAX 602.748.1001

DRAWING NO. APPENDIX E	PLAN & PROFILE STA 95+00.00 TO STA 145+00.00	SHEET 03 OF 09

CITRUS ROAD



□ REMOVE □

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NO.	REVISION	BY	DATE
3			
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1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
ENGINEERING DIVISION

WHITE TANKS FRS #4 OUTLET
ALIGNMENT #5
FCD 2008 C013

	BY	DATE
DESIGNED	SW	4/30/10
DRAWN	WH	4/30/10
CHECKED	JCF	4/30/10

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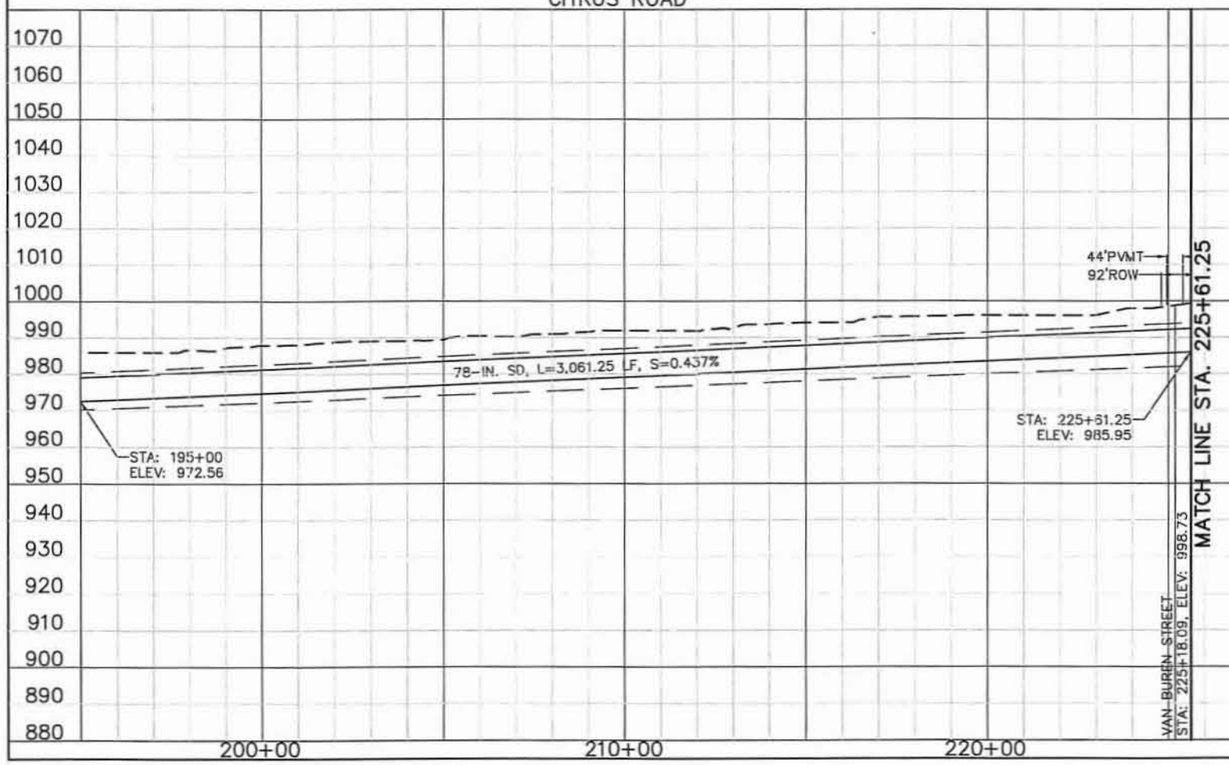
7250 North 16th Street Suite 210 Phoenix, AZ 85020-5283 TEL 602.748.1000 FAX 602.748.1001

DRAWING NO.	PLAN & PROFILE	SHEET
APPENDIX E	STA 145+00.00 TO STA 195+00.00	04 OF 09



☐ REMOVE ☐

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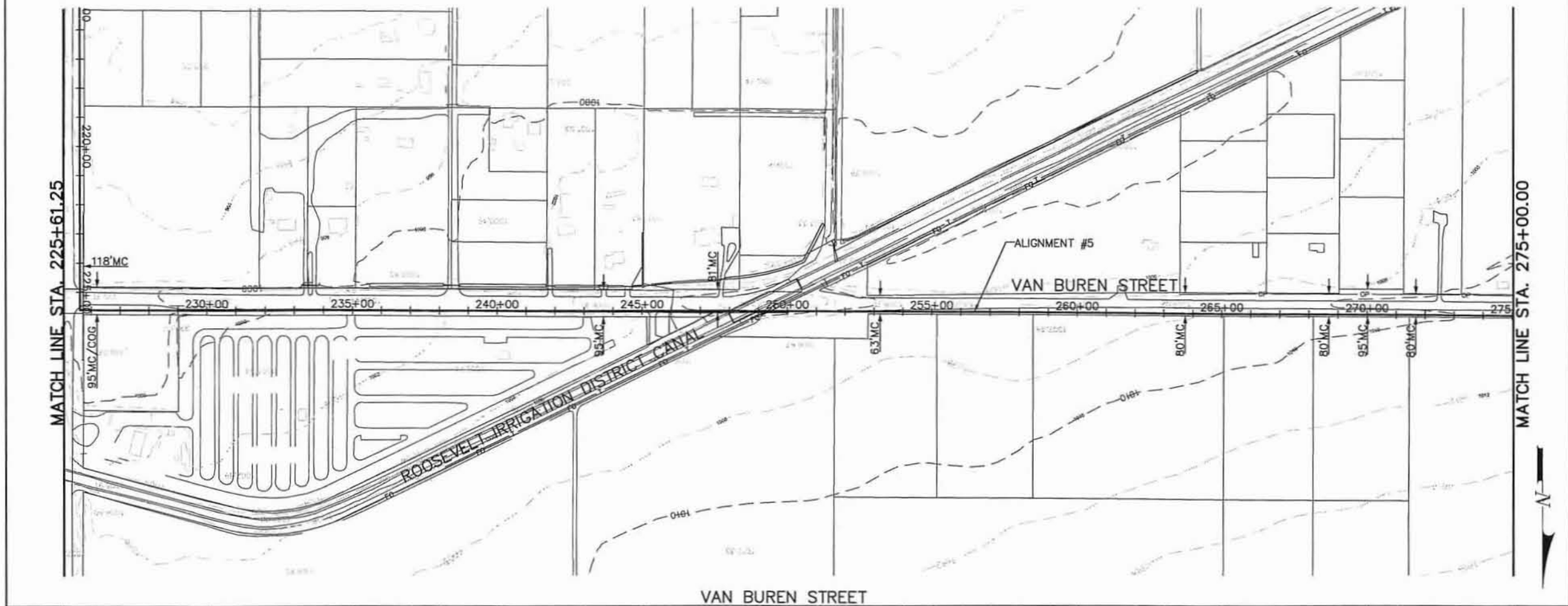
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
ENGINEERING DIVISION

WHITE TANKS FRS #4 OUTLET
ALIGNMENT #5
FCD 2008 C013

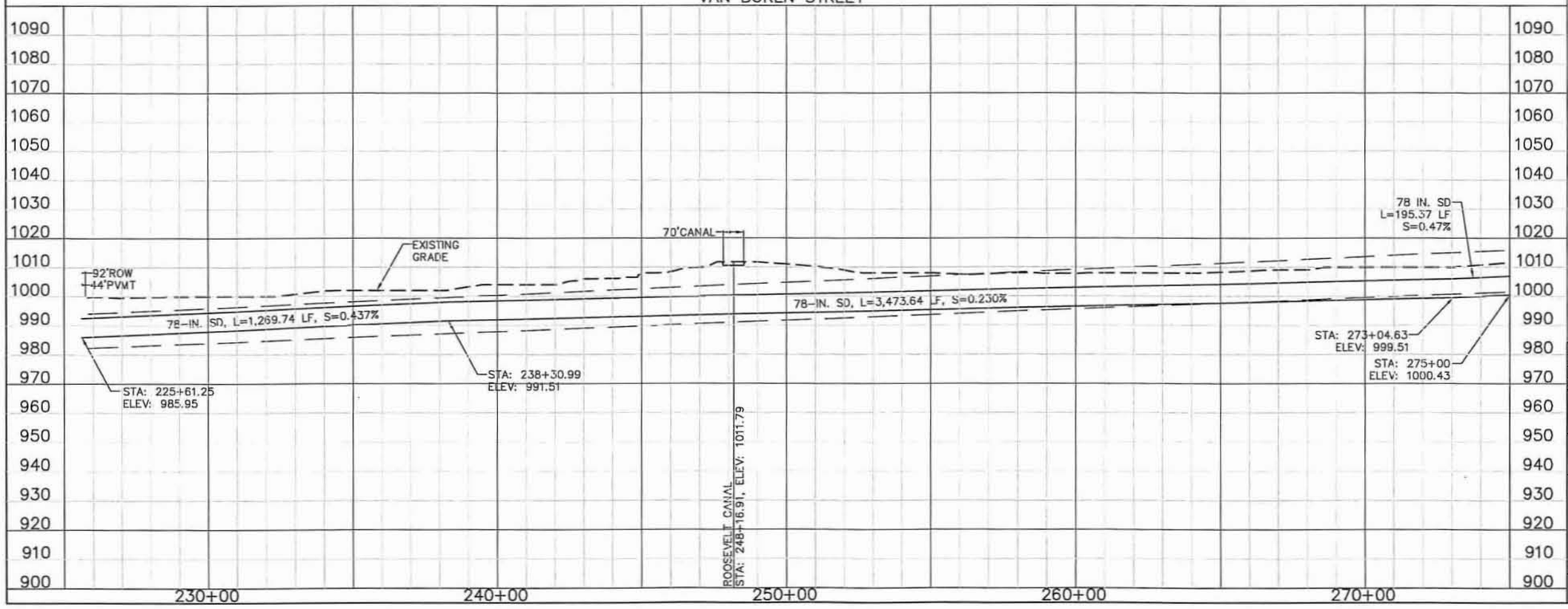
	BY	DATE
DESIGNED	SW	4/30/10
DRAWN	WH	4/30/10
CHECKED	JCF	4/30/10

OLSSON ASSOCIATES

DRAWING NO.	PLAN & PROFILE	SHEET
APPENDIX E	STA 195+00.00 TO STA 225+61.25	05 OF 09



VAN BUREN STREET



□ REMOVE □

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NO.	REVISION	BY	DATE
3			
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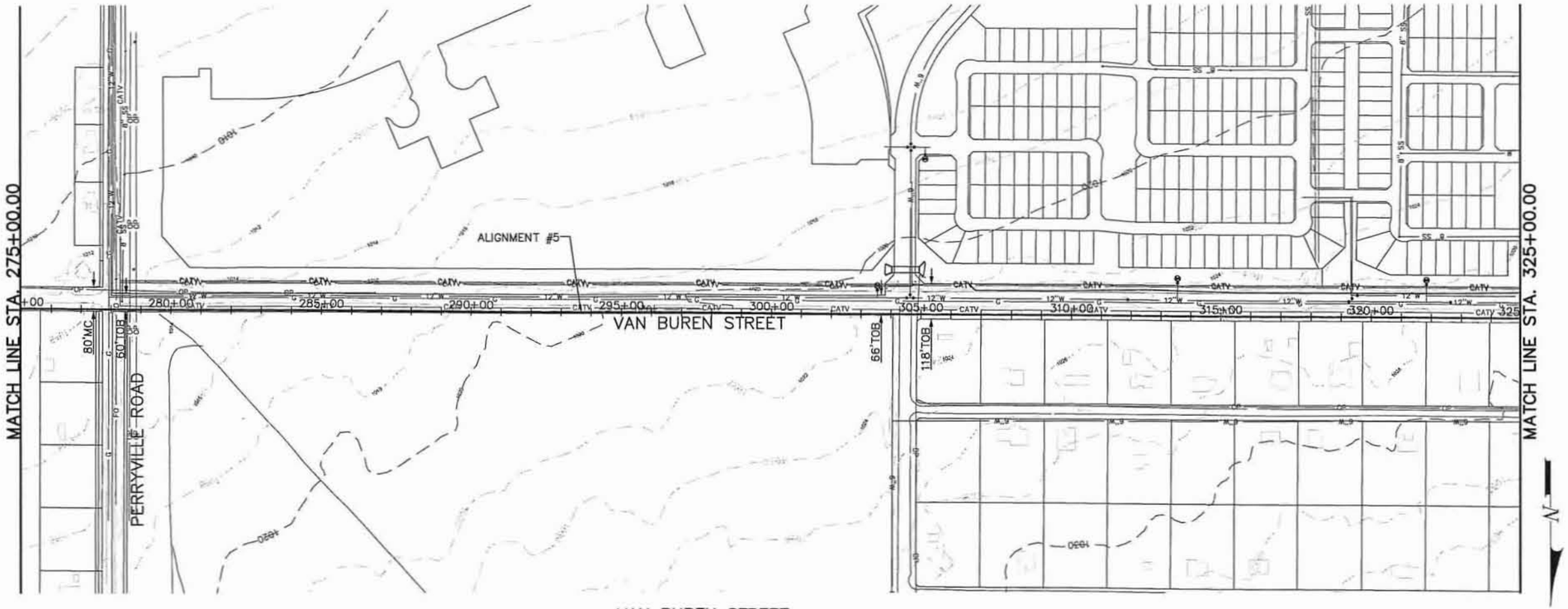
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
ENGINEERING DIVISION

WHITE TANKS FRS #4 OUTLET
ALIGNMENT #5
FCD 2008 C013

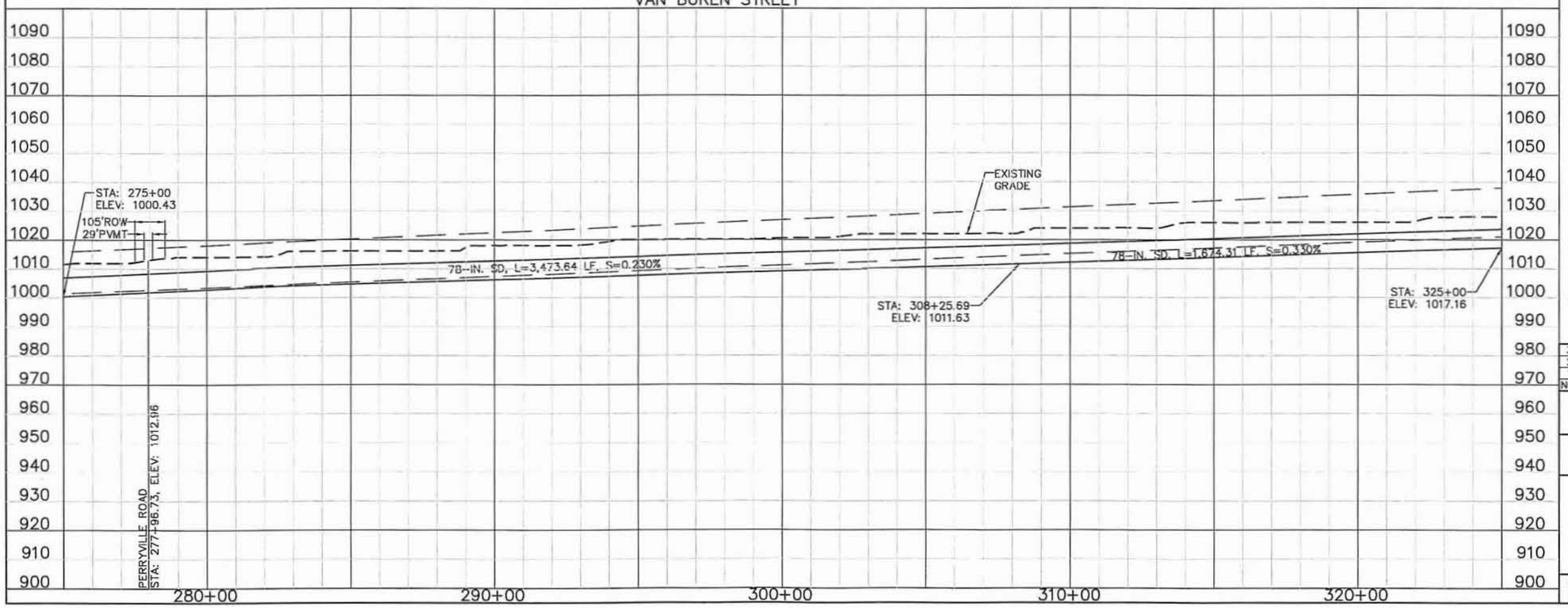
	BY	DATE
DESIGNED	SW	4/30/10
DRAWN	WH	4/30/10
CHECKED	JCF	4/30/10

OLSSON ASSOCIATES

DRAWING NO.	PLAN & PROFILE	SHEET
APPENDIX E	STA 225+61.25 TO STA 275+00.00	06 OF 09



VAN BUREN STREET



☐ REMOVE ☐

⬠ RELOCATE ⬠

◇ RELOCATE BY OTHERS ◇

○ CONSTRUCT ○

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NO.	REVISION	BY	DATE
3			
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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
ENGINEERING DIVISION

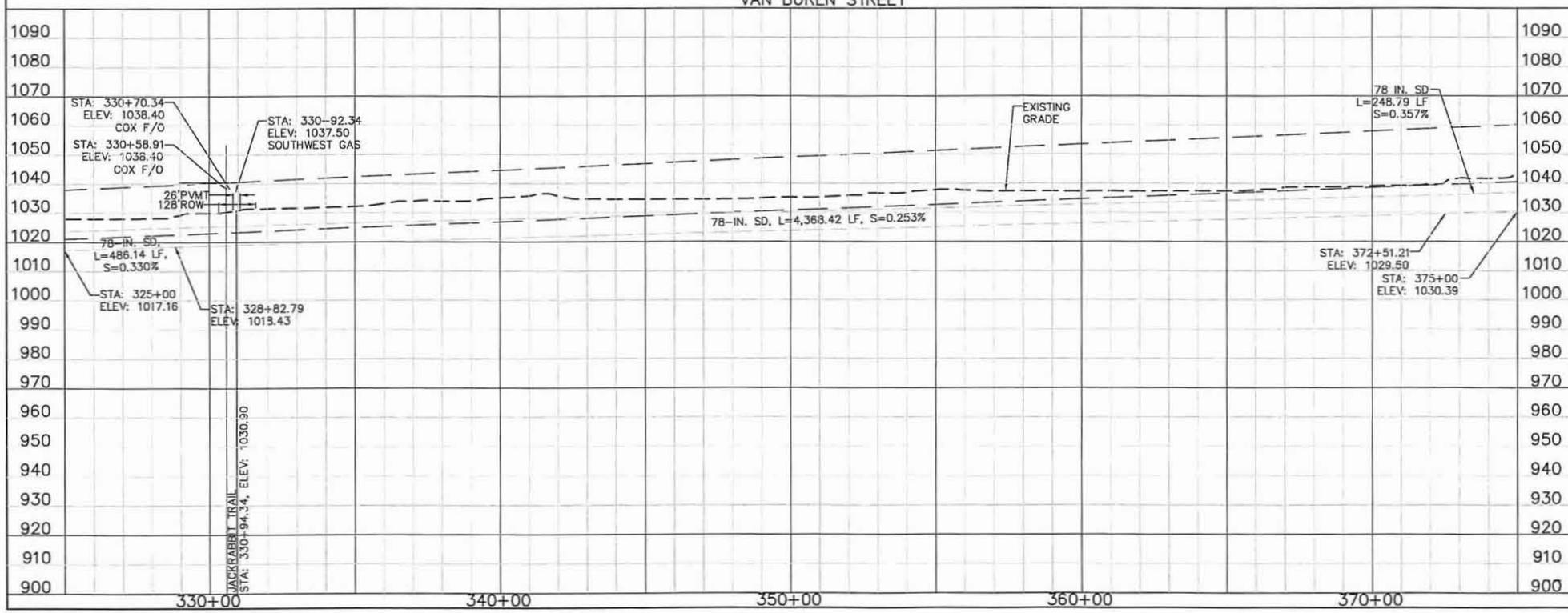
WHITE TANKS FRS #4 OUTLET
ALIGNMENT #5
FCD 2008 C013

	BY	DATE
DESIGNED	SW	4/30/10
DRAWN	WH	4/30/10
CHECKED	JCF	4/30/10

OLSSON ASSOCIATES
7250 North 16th Street
Suite 210
Phoenix, AZ 85020-5262
TEL 602.748.1000
FAX 602.748.1001

DRAWING NO.	PLAN & PROFILE	SHEET
APPENDIX E	STA 275+00.00 TO STA 325+00.00	07 OF 09

VAN BUREN STREET



REMOVE

RELOCATE

RELOCATE BY OTHERS

CONSTRUCT

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3			
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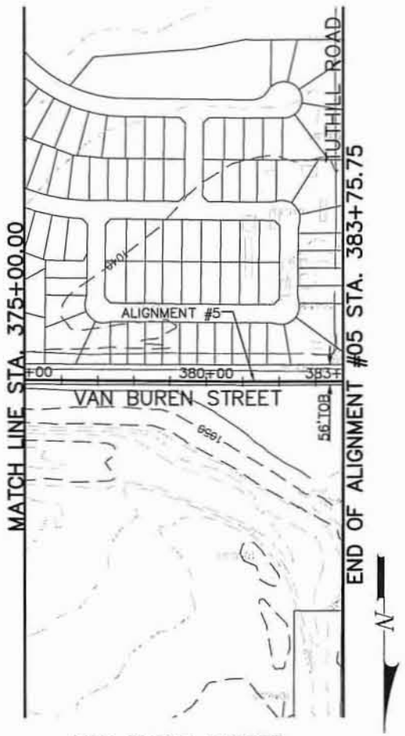
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
ENGINEERING DIVISION

WHITE TANKS FRS #4 OUTLET
ALIGNMENT #5
FCD 2008 C013

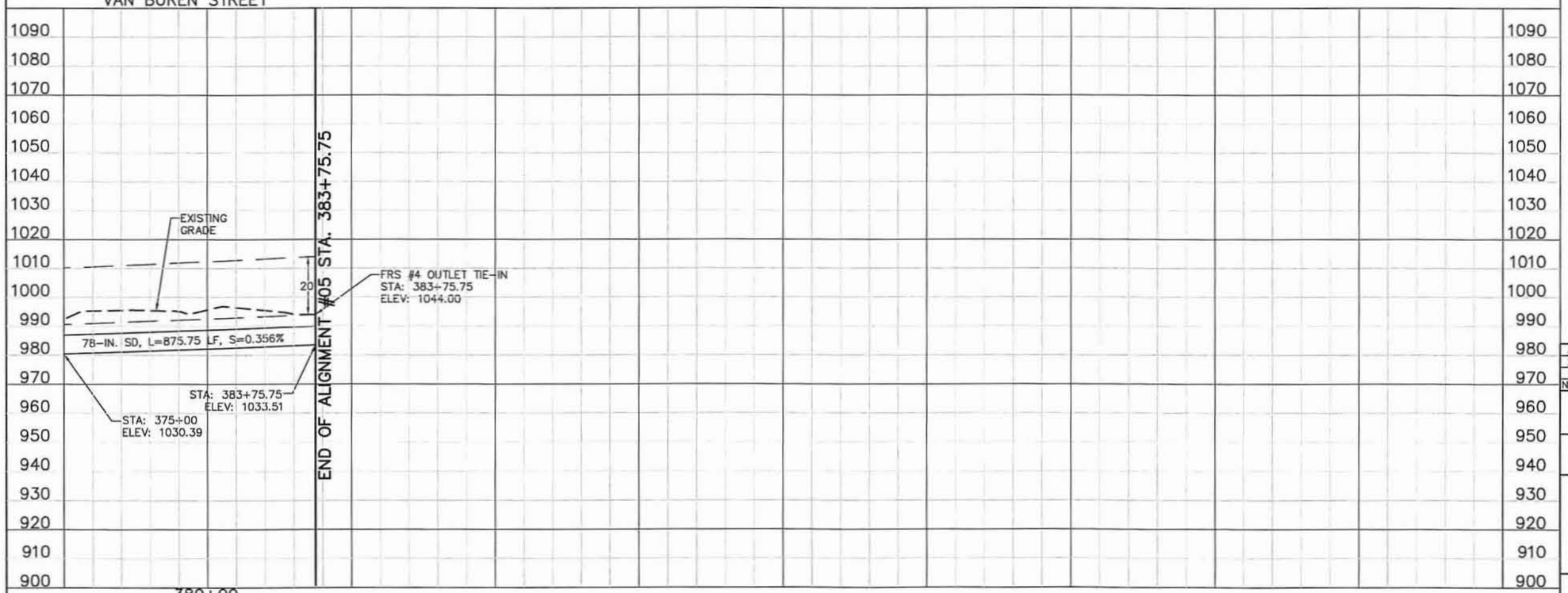
	BY	DATE
DESIGNED	SW	4/30/10
DRAWN	WH	4/30/10
CHECKED	JCF	4/30/10

OLSSON ASSOCIATES

DRAWING NO. APPENDIX E	PLAN & PROFILE STA 325+00.00 TO STA 375+00.00	SHEET 08 OF 09



VAN BUREN STREET



☐ REMOVE ☐

⬠ RELOCATE ⬠

◇ RELOCATE BY OTHERS ◇

○ CONSTRUCT ○

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3			
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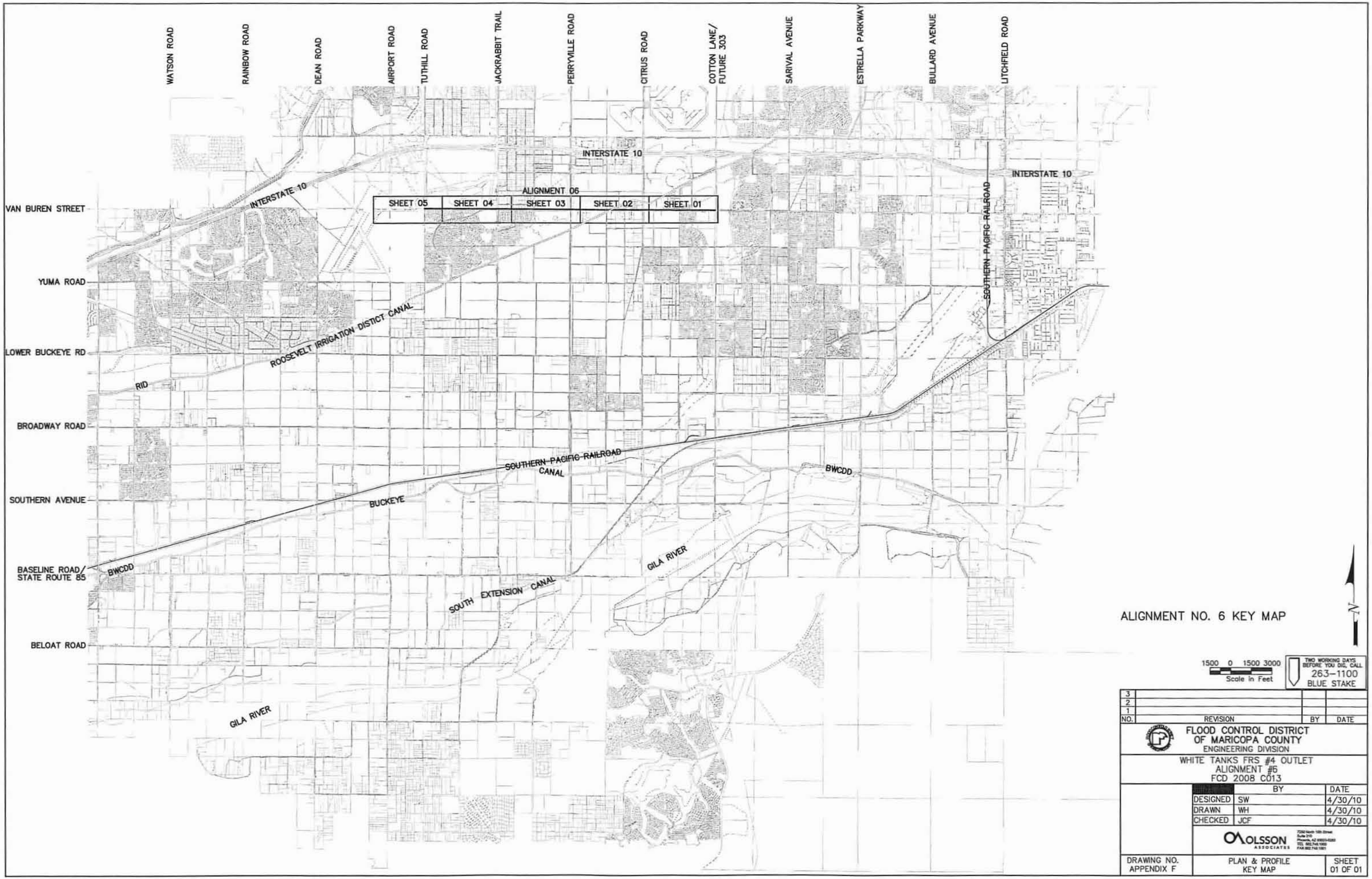
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
ENGINEERING DIVISION

WHITE TANKS FRS #4 OUTLET
ALIGNMENT #5
FCD 2008 C013

	BY	DATE
DESIGNED	SW	4/30/10
DRAWN	WH	4/30/10
CHECKED	JCF	4/30/10

OLSSON ASSOCIATES

DRAWING NO. APPENDIX E	PLAN & PROFILE STA 275+00.00 TO STA 325+00.00	SHEET 09 OF 09



ALIGNMENT NO. 6 KEY MAP

N

1500 0 1500 3000
Scale in Feet

TWO WORKING DAYS BEFORE YOU DIG, CALL 263-1100 BLUE STAKE

NO.	REVISION	BY	DATE
3			
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
ENGINEERING DIVISION

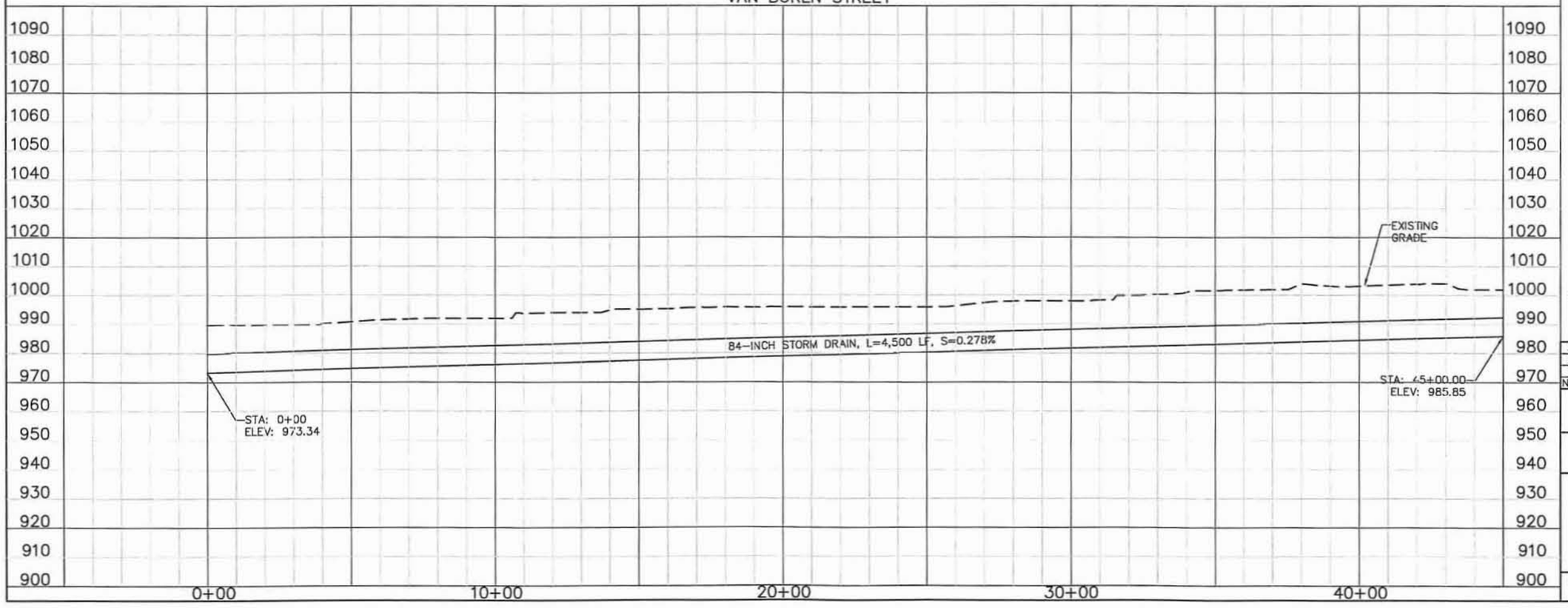
WHITE TANKS FRS #4 OUTLET
ALIGNMENT #6
FCD 2008 C013

	BY	DATE
DESIGNED	SW	4/30/10
DRAWN	WH	4/30/10
CHECKED	JCF	4/30/10

OLSSON ASSOCIATES
7250 North 16th Street
Suite 210
Phoenix, AZ 85020-5280
TEL 602.748.1000
FAX 602.748.1001

DRAWING NO.	PLAN & PROFILE	SHEET
APPENDIX F	KEY MAP	01 OF 01

VAN BUREN STREET



☐ REMOVE ☐

⬠ RELOCATE ⬠

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100 0 100 200 Scale in Feet Horizontal Scale

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NO.	REVISION	BY	DATE
3			
2			
1			

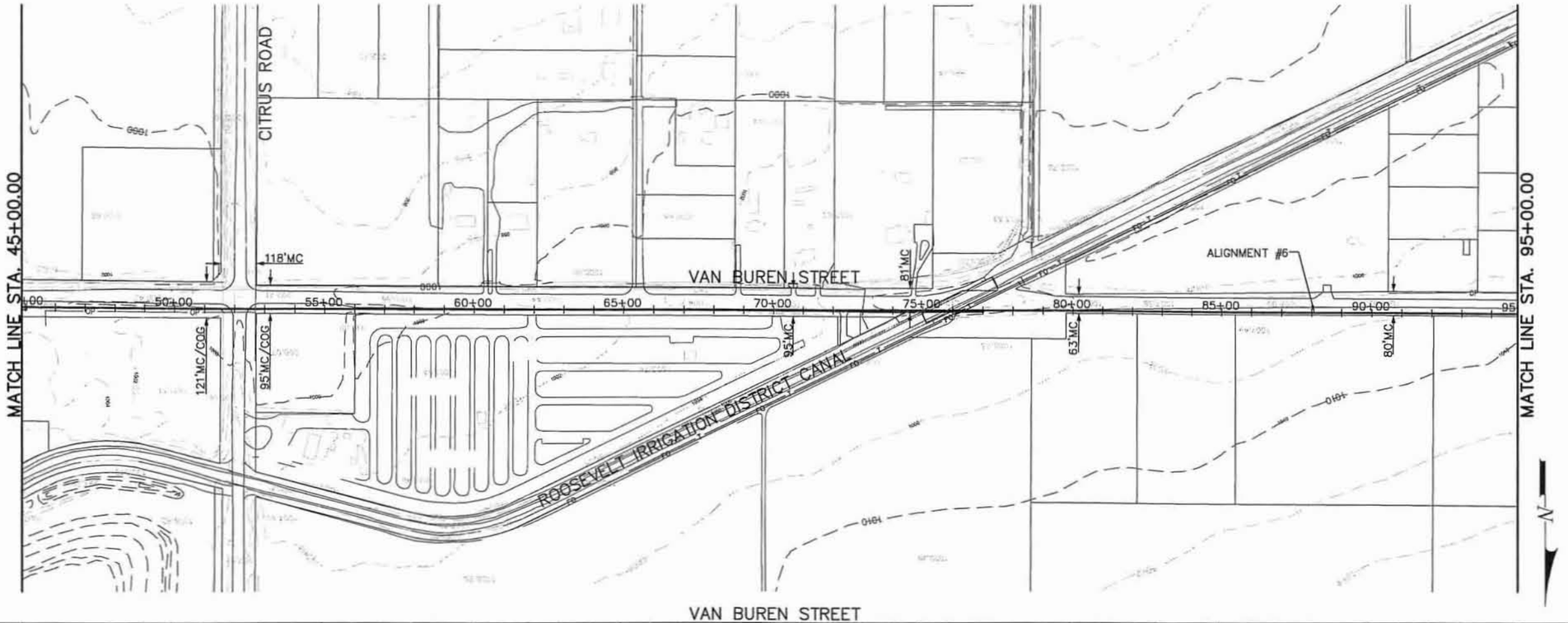
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
ENGINEERING DIVISION

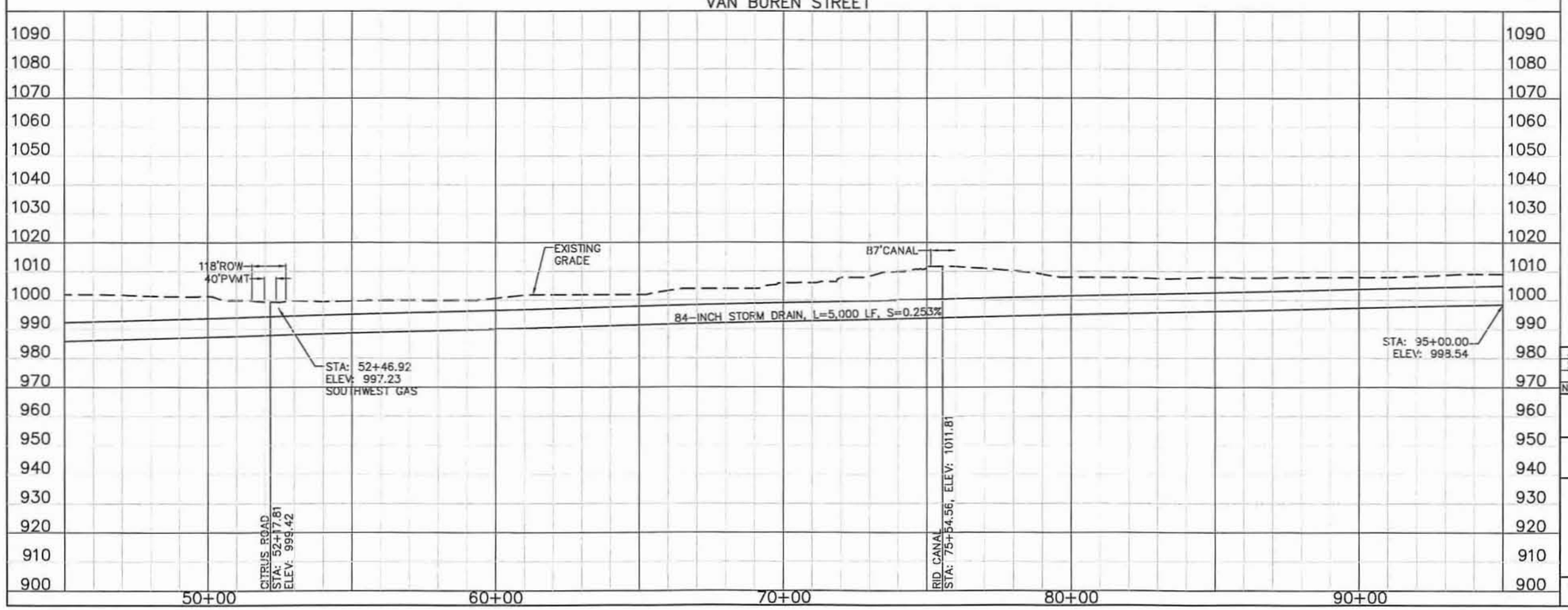
WHITE TANKS FRS #4 OUTLET
ALIGNMENT #6
FCD 2008 C013

	BY	DATE
DESIGNED	SW	4/30/10
DRAWN	WH	4/30/10
CHECKED	JCF	4/30/10

OLSSON ASSOCIATES

DRAWING NO.	PLAN & PROFILE	SHEET
APPENDIX F	STA 0+00.00 TO STA 45+00.00	01 OF 05





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NO.	REVISION	BY	DATE
3			
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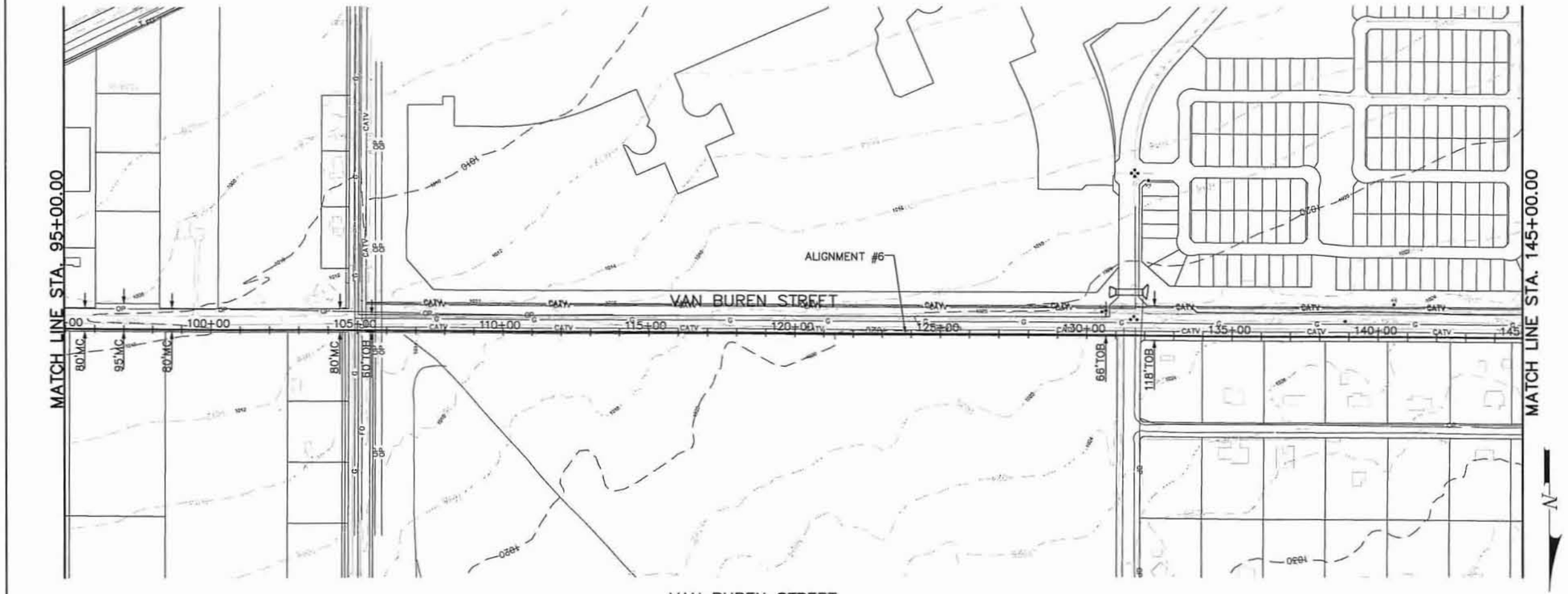
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
ENGINEERING DIVISION

WHITE TANKS FRS #4 OUTLET
ALIGNMENT #6
FCD 2008 C013

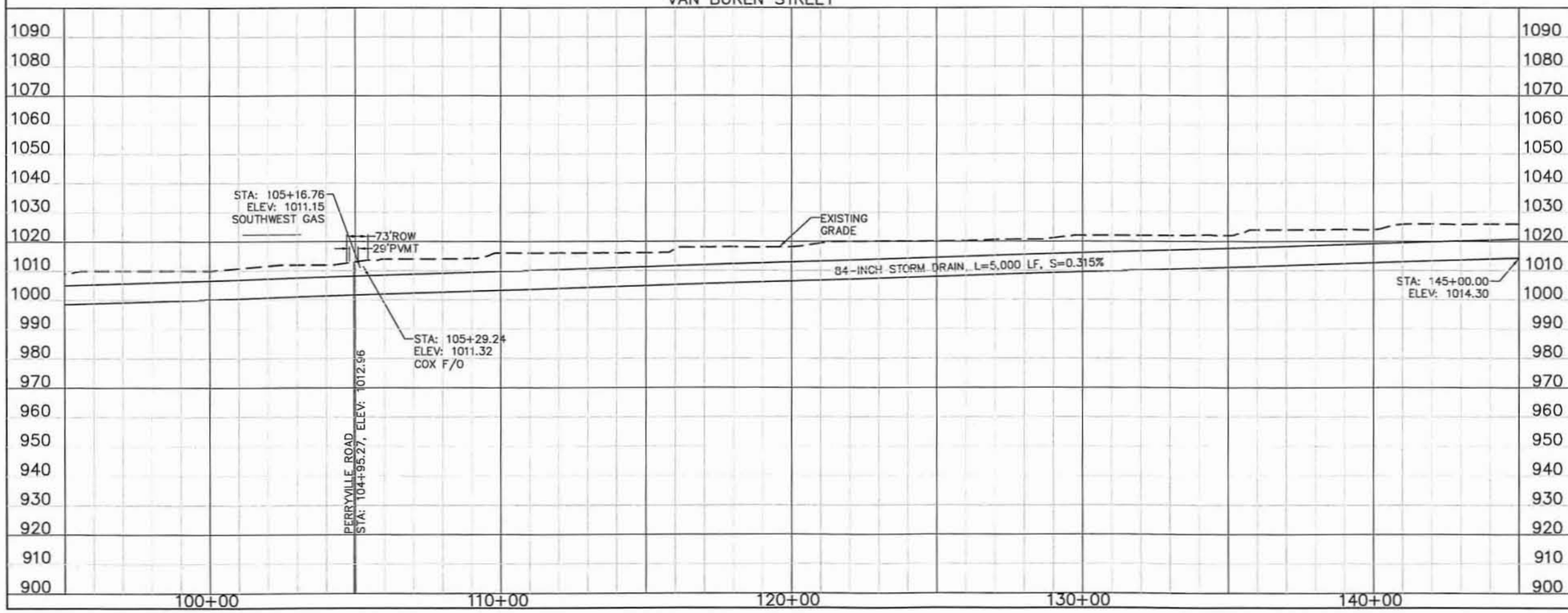
	BY	DATE
DESIGNED	SW	4/30/10
DRAWN	WH	4/30/10
CHECKED	JCF	4/30/10

OLSSON ASSOCIATES
7250 North 16th Street
Suite 210
Phoenix, AZ 85020-5262
TEL 602.748.1000
FAX 602.748.1001

DRAWING NO.	PLAN & PROFILE	SHEET
APPENDIX F	STA 45+00.00 TO STA 95+00.00	02 OF 05



VAN BUREN STREET



□ REMOVE □

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3			
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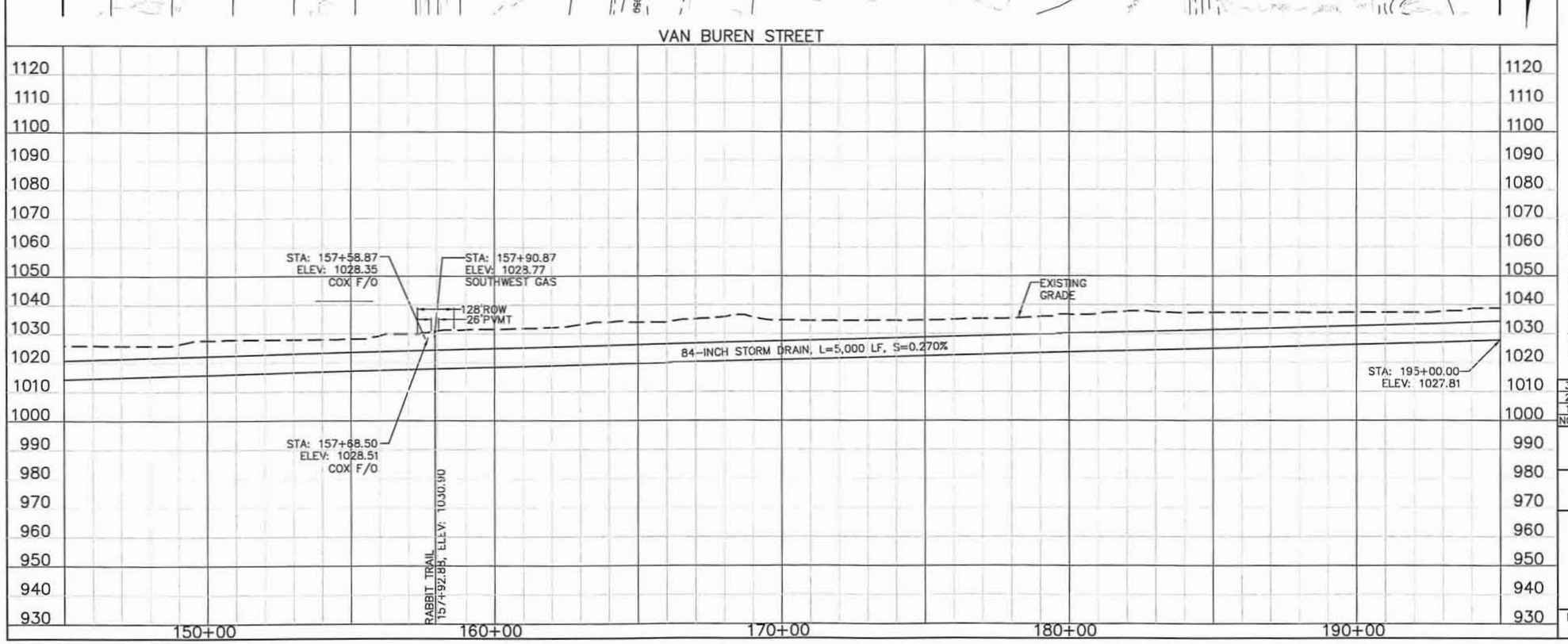
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
ENGINEERING DIVISION

WHITE TANKS FRS #4 OUTLET
ALIGNMENT #6
FCD 2008 C013

	BY	DATE
DESIGNED	SW	4/30/10
DRAWN	WH	4/30/10
CHECKED	JCF	4/30/10

OLSSON ASSOCIATES

DRAWING NO. APPENDIX F	PLAN & PROFILE STA 95+00.00 TO STA 145+00.00	SHEET 03 OF 05



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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
ENGINEERING DIVISION

WHITE TANKS FRS #4 OUTLET
ALIGNMENT #6
FCD 2008 C013

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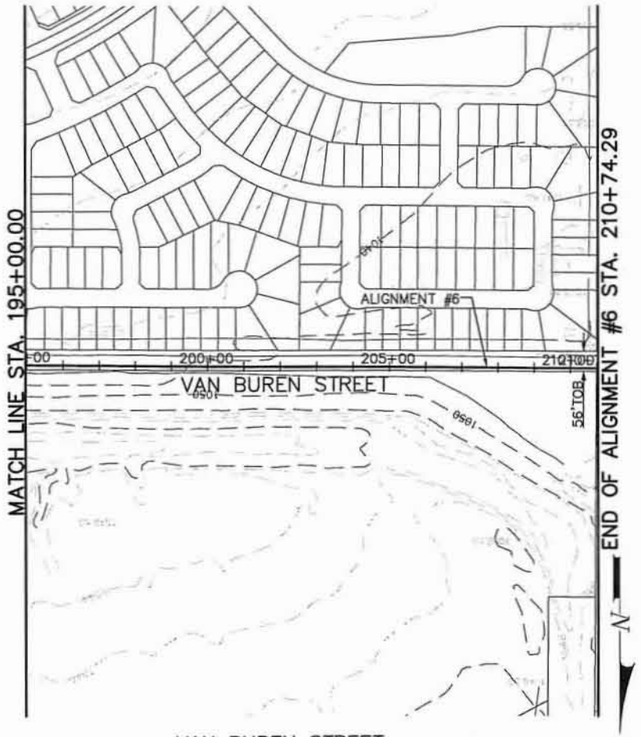
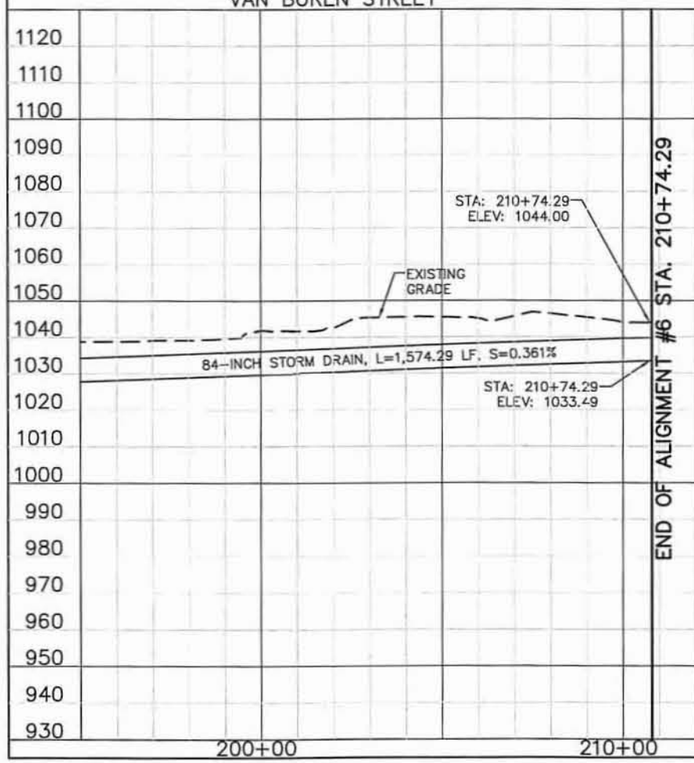
DRAWN	WH	4/30/10
CHECKED	JCF	4/30/10

OLSSON ASSOCIATES
7250 North 16th Street
Suite 210
Phoenix, AZ 85020-5283
TEL 602.748.1000
FAX 602.748.1001

DRAWING NO.	PLAN & PROFILE	SHEET
APPENDIX F	STA 145+00.00 TO STA 195+00.00	04 OF 05



VAN BUREN STREET



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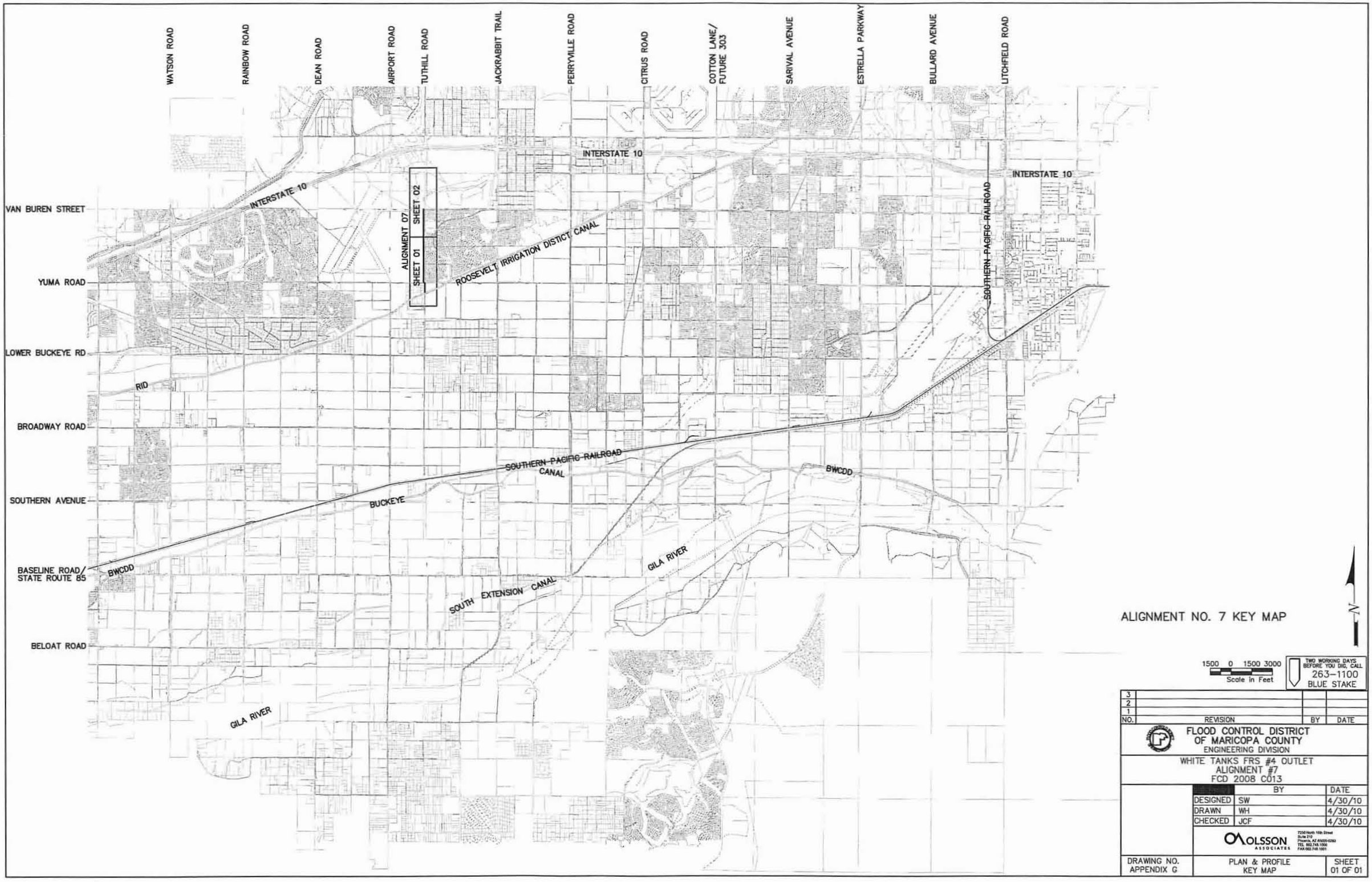
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
ENGINEERING DIVISION

WHITE TANKS FRS #4 OUTLET
ALIGNMENT #6
FCD 2008 C013

	BY	DATE
DESIGNED	SW	4/30/10
DRAWN	WH	4/30/10
CHECKED	JCF	4/30/10

OLSSON ASSOCIATES
7250 North 16th Street
Suite 210
Phoenix, AZ 85020-5292
TEL 602.748.1000
FAX 602.748.1001

DRAWING NO.	PLAN & PROFILE	SHEET
APPENDIX F	STA 195+00.00 TO STA 210+74.29	05 OF 05



ALIGNMENT NO. 7 KEY MAP

1500 0 1500 3000
Scale in Feet

TWO WORKING DAYS BEFORE YOU DIG, CALL 263-1100 BLUE STAKE

NO.	REVISION	BY	DATE
3			
2			
1			

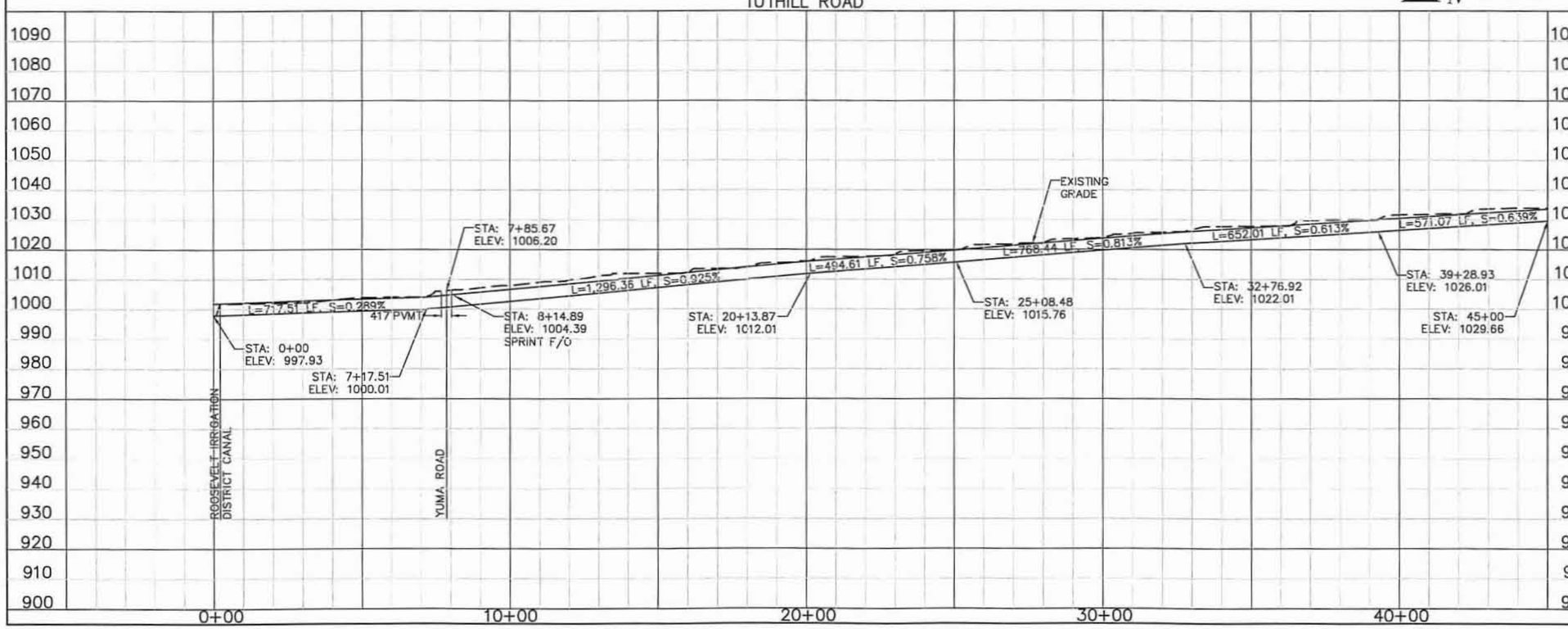
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
ENGINEERING DIVISION

WHITE TANKS FRS #4 OUTLET
ALIGNMENT #7
FCD 2008 C013

	BY	DATE
DESIGNED	SW	4/30/10
DRAWN	WH	4/30/10
CHECKED	JCF	4/30/10

OLSSON ASSOCIATES
7250 North 16th Street
Suite 210
Phoenix, AZ 85020-5283
TEL 602.748.1000
FAX 602.748.1001

DRAWING NO.	PLAN & PROFILE	SHEET
APPENDIX G	KEY MAP	01 OF 01



☐ REMOVE ☐

⬠ RELOCATE ⬠

◇ RELOCATE BY OTHERS ◇

○ CONSTRUCT ○

GENERAL NOTES:
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UTILITY LOCATIONS ARE SCHEMATIC, CULVERT LOCATIONS AND DEPTH ARE APPROXIMATE.

THE HORIZONTAL DATUM USED WAS NAD 83.
THE VERTICAL DATUM USED WAS NGVD 29.

10 0 10 20 Scale in Feet Verticall Scale

100 0 100 200 Scale in Feet Horizontal Scale

TWO WORKING DAYS BEFORE YOU DIG, CALL 263-1100 BLUE STAKE

NO.	REVISION	BY	DATE
3			
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
ENGINEERING DIVISION

WHITE TANKS FRS #4 OUTLET
ALIGNMENT #7
FCD 2008 C013

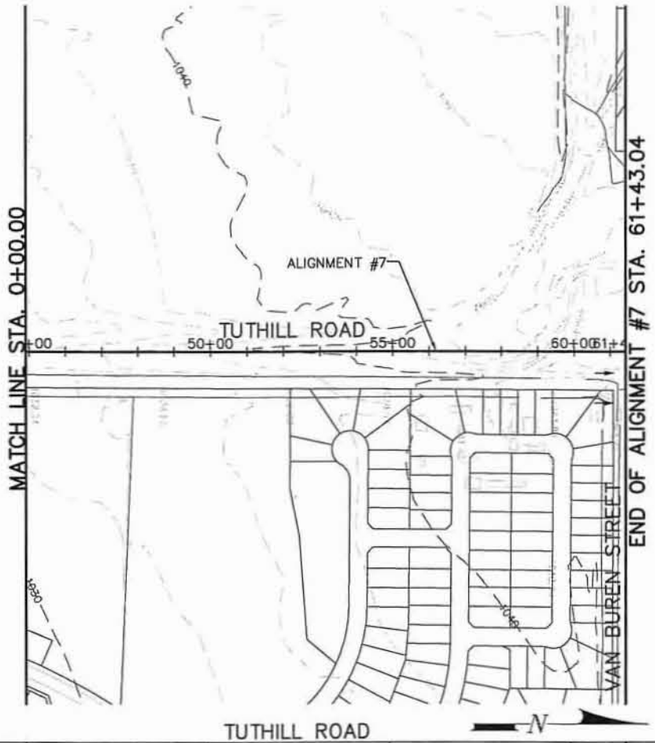
	BY	DATE
DESIGNED	SW	4/30/10
DRAWN	WH	4/30/10
CHECKED	JCF	4/30/10

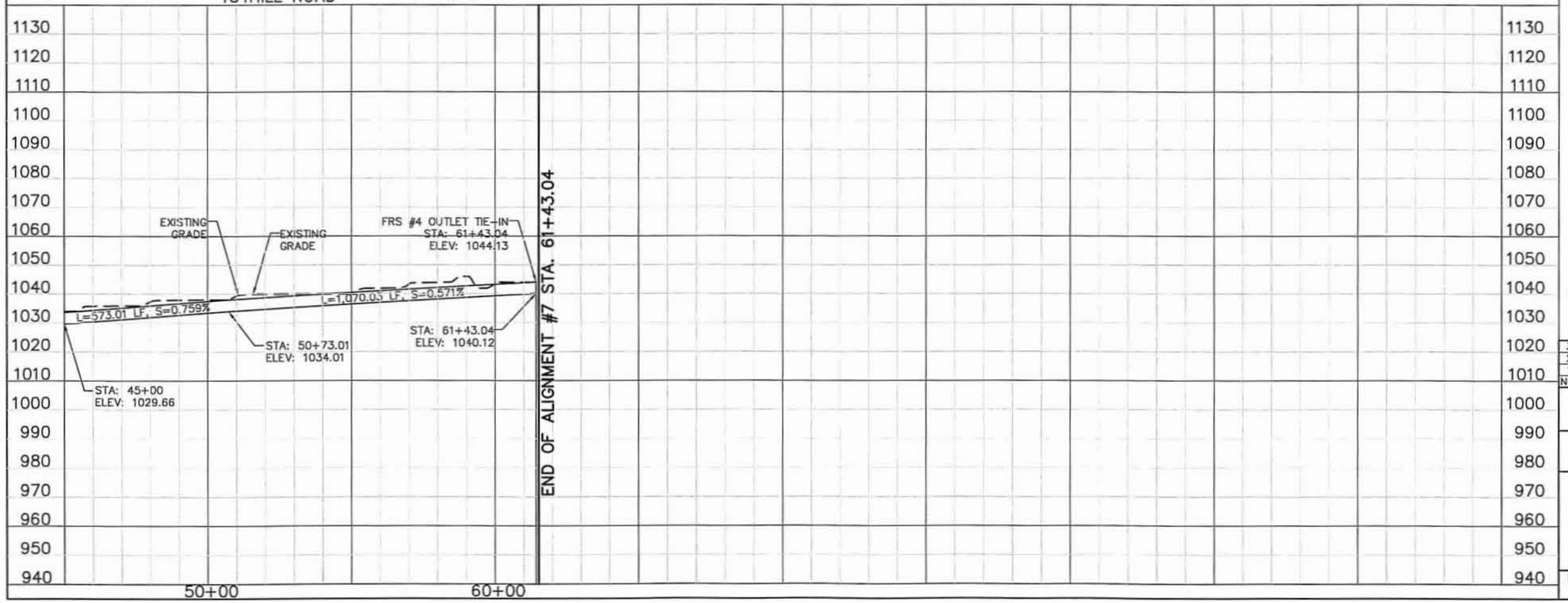
OLSSON ASSOCIATES
7250 North 16th Street
Suite 210
Phoenix, AZ 85020-5292
TEL 602.748.1000
FAX 602.748.1001

DRAWING NO. APPENDIX G

PLAN & PROFILE STA 0+00.00 TO STA 45+00.00

SHEET 01 OF 02





☐ REMOVE ☐

⬠ RELOCATE ⬠

◇ RELOCATE BY OTHERS ◇

○ CONSTRUCT ○

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NO.	REVISION	BY	DATE
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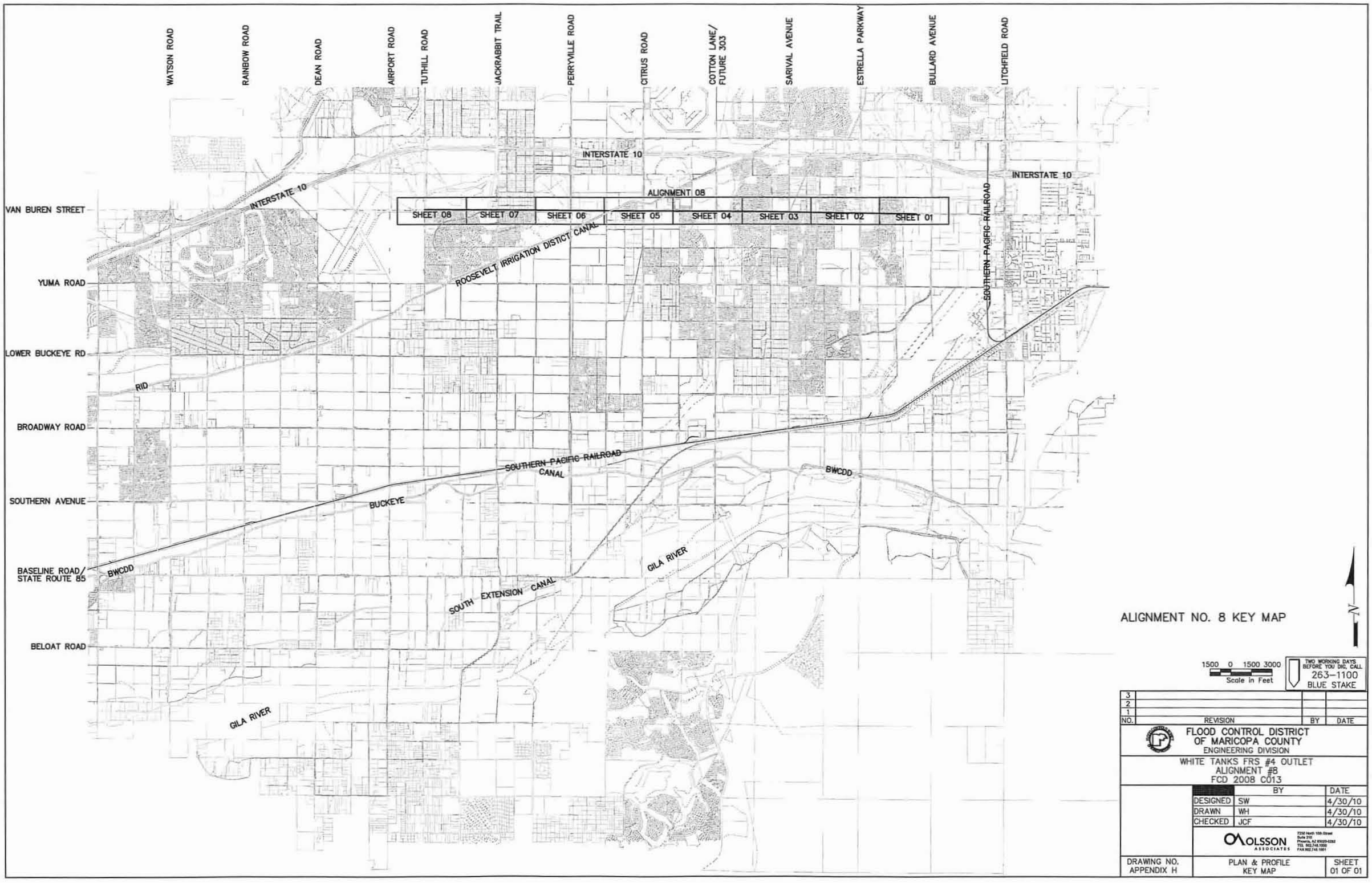
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
ENGINEERING DIVISION

WHITE TANKS FRS #4 OUTLET
ALIGNMENT #7
FCD 2008 C013

	BY	DATE
DESIGNED	SW	4/30/10
DRAWN	WH	4/30/10
CHECKED	JCF	4/30/10

OLSSON ASSOCIATES

DRAWING NO.	PLAN & PROFILE	SHEET
APPENDIX G	STA 45+00.00 TO STA 61+43.04	02 OF 02



ALIGNMENT NO. 8 KEY MAP

N

1500 0 1500 3000
Scale in Feet

TWO WORKING DAYS BEFORE YOU DIG, CALL 263-1100 BLUE STAKE

NO.	REVISION	BY	DATE
3			
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
ENGINEERING DIVISION

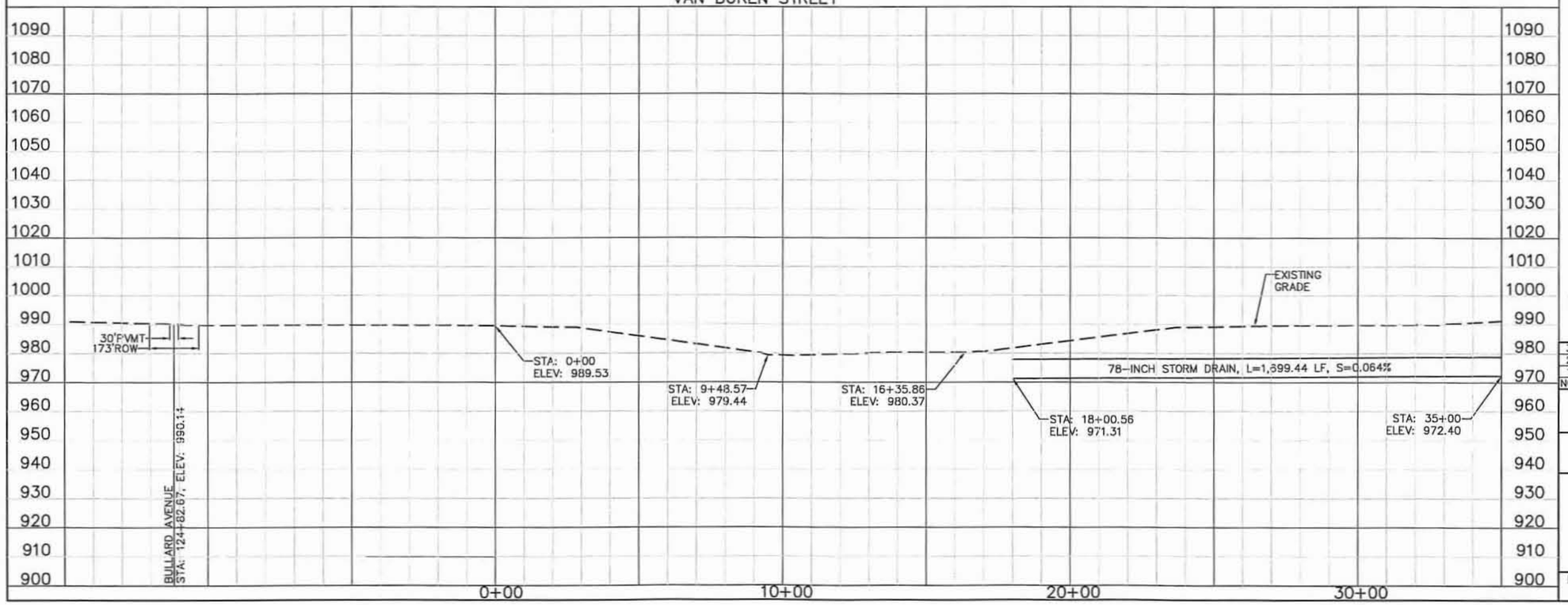
WHITE TANKS FRS #4 OUTLET
ALIGNMENT #8
FCD 2008 C013

	BY	DATE
DESIGNED	SW	4/30/10
DRAWN	WH	4/30/10
CHECKED	JCF	4/30/10

OLSSON ASSOCIATES
7250 North 16th Street
Suite 210
Phoenix, AZ 85020-5263
TEL 602.748.1000
FAX 602.748.1001

DRAWING NO. APPENDIX H	PLAN & PROFILE KEY MAP	SHEET 01 OF 01

VAN BUREN STREET



□ REMOVE □

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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
ENGINEERING DIVISION

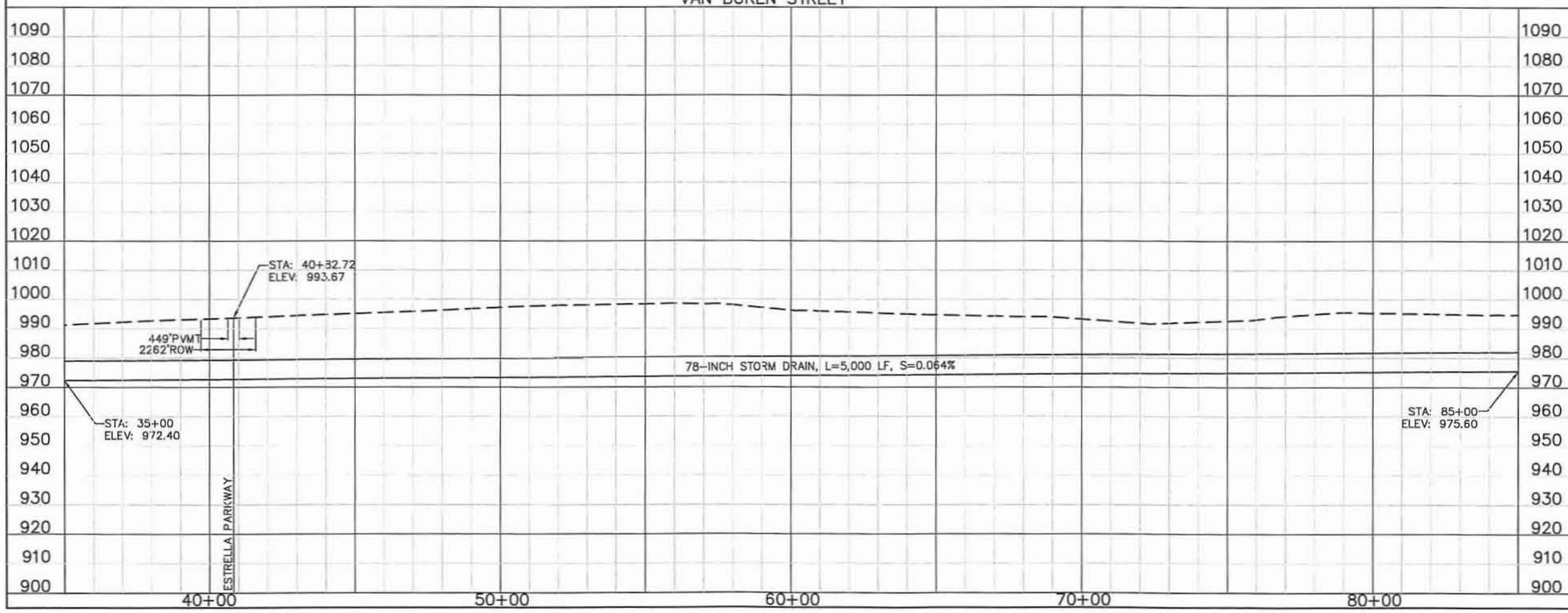
WHITE TANKS FRS #4 OUTLET
ALIGNMENT #8
FCD 2008 C013

	BY	DATE
DESIGNED	SW	4/30/10
DRAWN	WH	4/30/10
CHECKED	JCF	4/30/10

OLSSON ASSOCIATES

DRAWING NO. APPENDIX H	PLAN & PROFILE STA 0+00.00 TO STA 35+00.00	SHEET 01 OF 08

VAN BUREN STREET



REMOVE

RELOCATE

RELOCATE BY OTHERS

CONSTRUCT

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NO.	REVISION	BY	DATE
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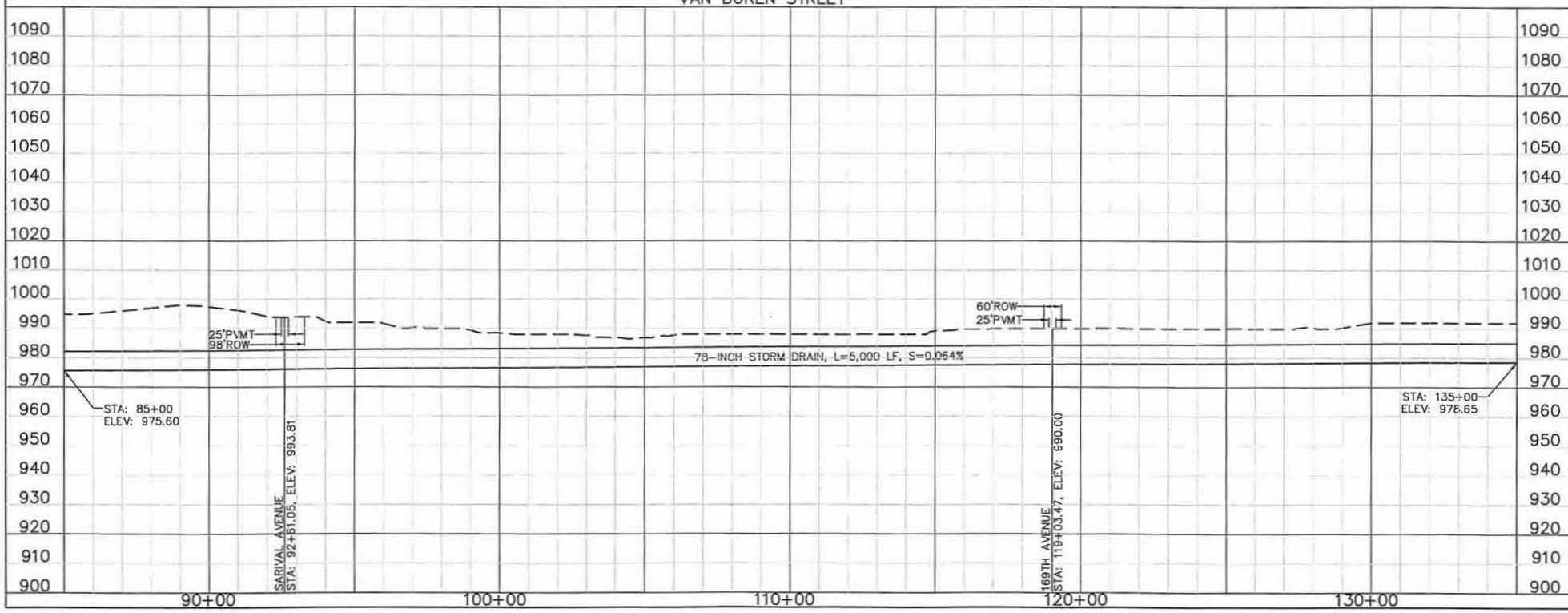
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
ENGINEERING DIVISION

WHITE TANKS FRS #4 OUTLET
ALIGNMENT #8
FCD 2008 C013

	BY	DATE
DESIGNED	SW	4/30/10
DRAWN	WH	4/30/10
CHECKED	JCF	4/30/10

OLSSON ASSOCIATES

DRAWING NO.	PLAN & PROFILE	SHEET
APPENDIX H	STA 35+00.00 TO STA 85+00.00	02 OF 08



□ REMOVE □

⬠ RELOCATE ⬠

◇ RELOCATE BY OTHERS ◇

○ CONSTRUCT ○

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3			
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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
ENGINEERING DIVISION

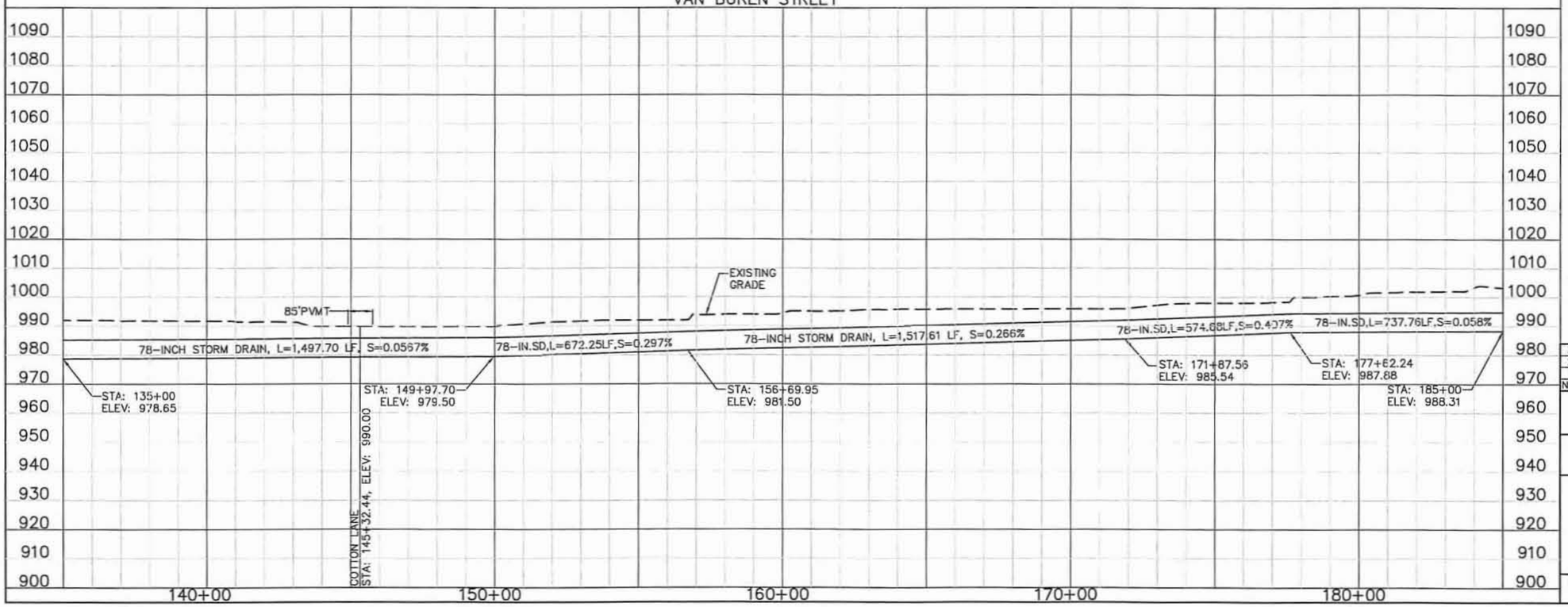
WHITE TANKS FRS #4 OUTLET
ALIGNMENT #8
FCD 2008 C013

	BY	DATE
DESIGNED	SW	4/30/10
DRAWN	WH	4/30/10
CHECKED	JCF	4/30/10

OLSSON ASSOCIATES

DRAWING NO. APPENDIX H	PLAN & PROFILE STA 85+00.00 TO STA 135+00.00	SHEET 03 OF 08

VAN BUREN STREET



☐ REMOVE ☐

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○ CONSTRUCT ○

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100 0 100 200 Scale in Feet Horizontal Scale

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3			
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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
ENGINEERING DIVISION

WHITE TANKS FRS #4 OUTLET
ALIGNMENT #8
FCD 2008 C013

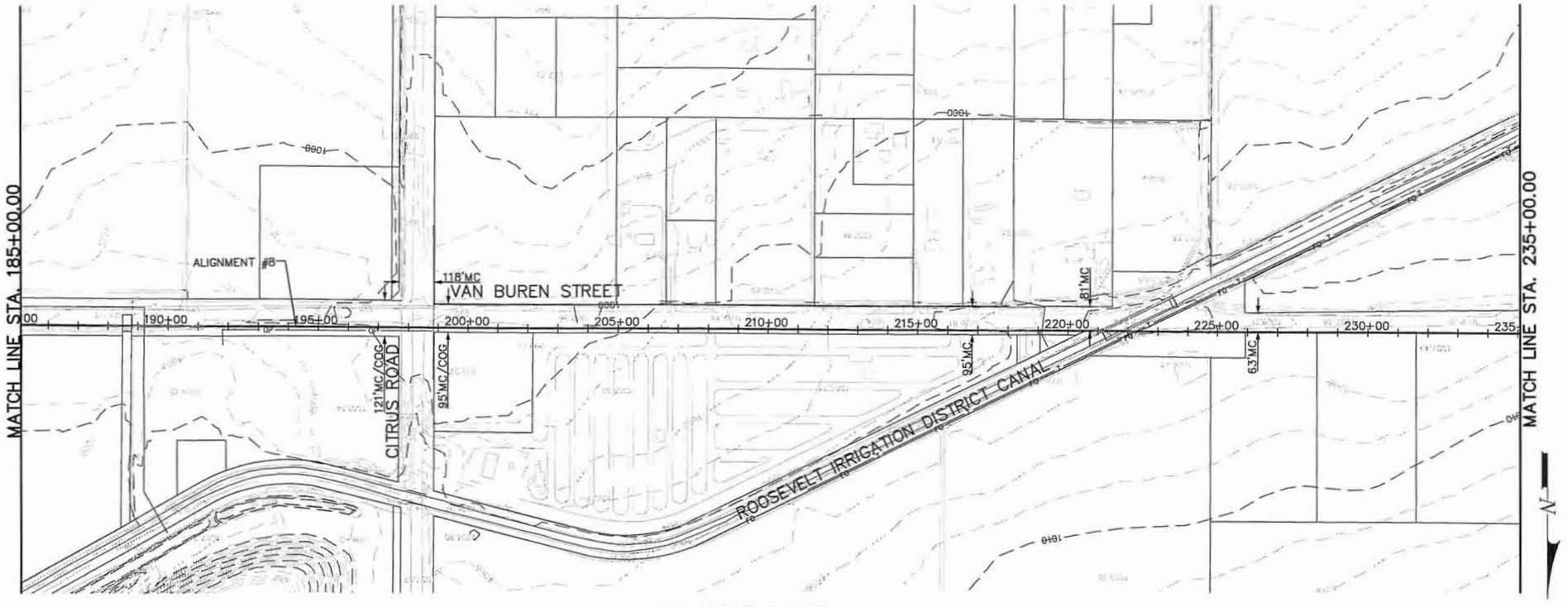
	BY	DATE
DESIGNED	SW	4/30/10
DRAWN	WH	4/30/10
CHECKED	JCF	4/30/10

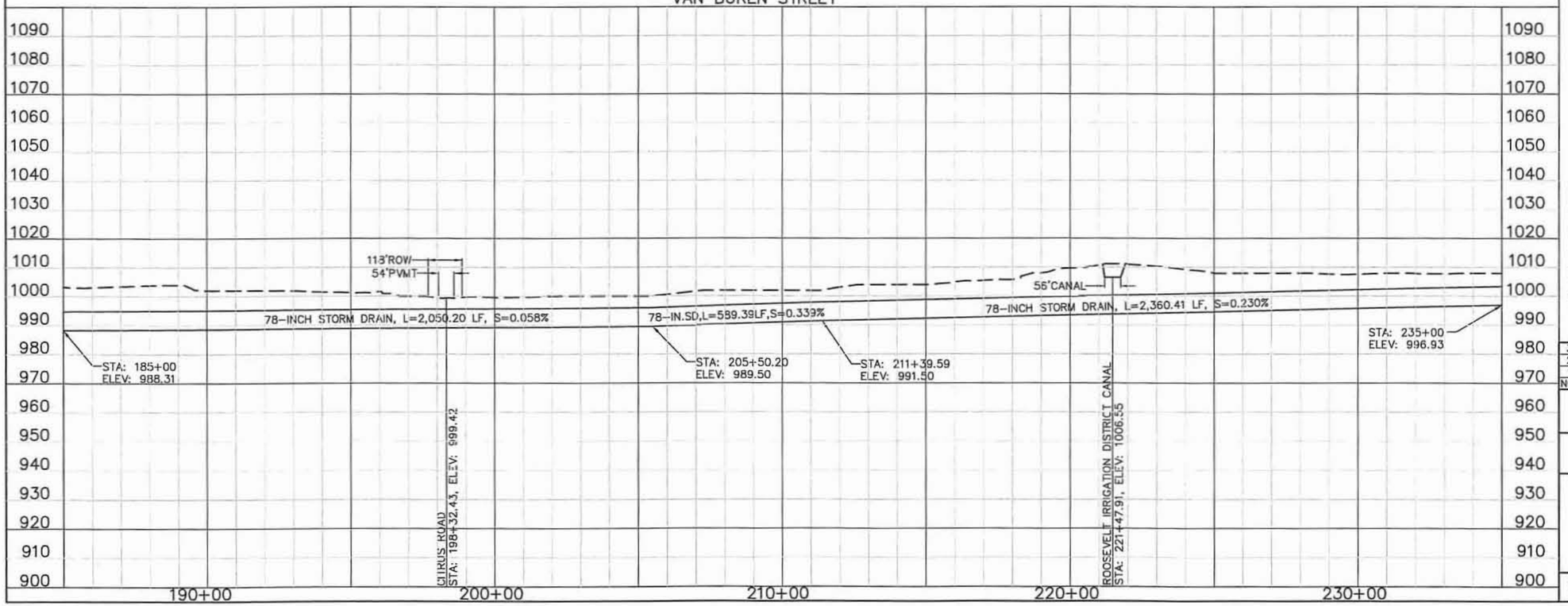
OLSSON ASSOCIATES

DRAWING NO. APPENDIX H

PLAN & PROFILE STA 135+00.00 TO STA 185+00.00

SHEET 04 OF 08





☐ REMOVE ☐

⬠ RELOCATE ⬠

◇ RELOCATE BY OTHERS ◇

○ CONSTRUCT ○

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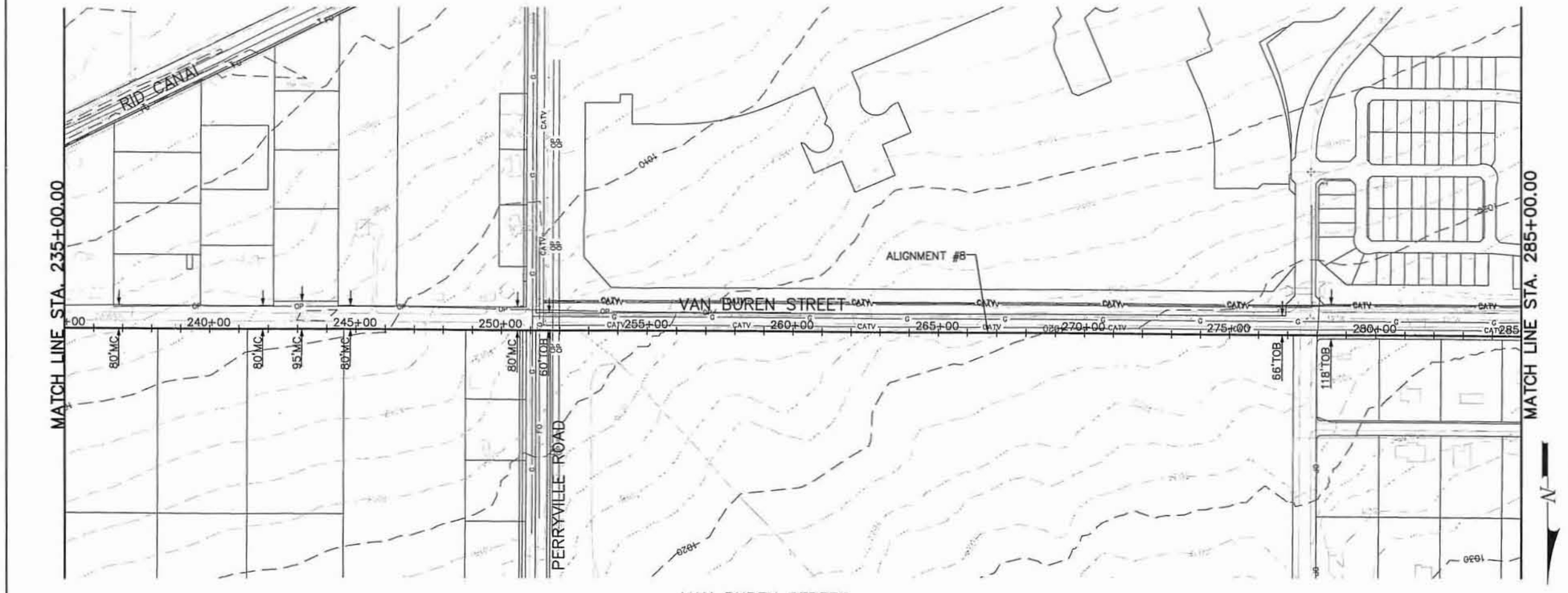
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
ENGINEERING DIVISION

WHITE TANKS FRS #4 OUTLET
ALIGNMENT #8
FCD 2008 C013

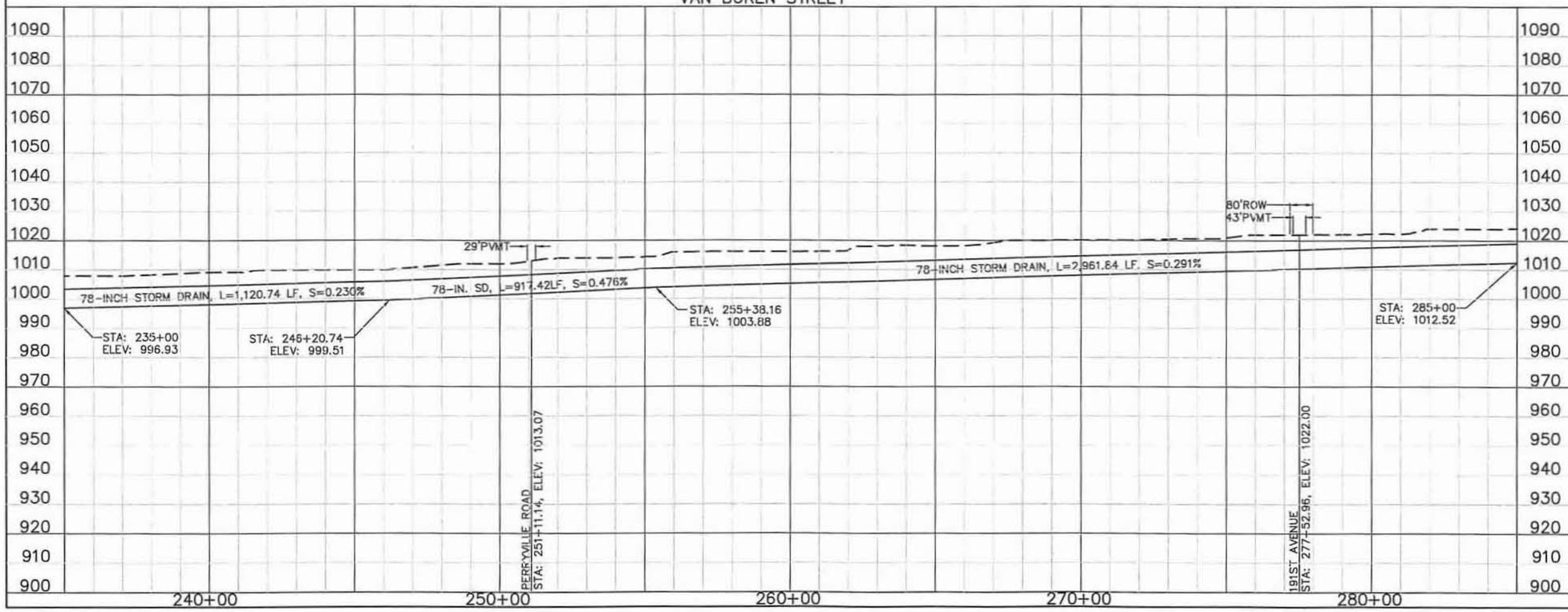
	BY	DATE
DESIGNED	SW	4/30/10
DRAWN	WH	4/30/10
CHECKED	JCF	4/30/10

OLSSON ASSOCIATES
7250 North 16th Street
Suite 210
Phoenix, AZ 85020-5262
TEL 602.748.1000
FAX 602.748.1001

DRAWING NO.	PLAN & PROFILE	SHEET
APPENDIX H	STA 185+00.00 TO STA 235+00.00	05 OF 08



VAN BUREN STREET



□ REMOVE □

⬠ RELOCATE ⬠

◇ RELOCATE BY OTHERS ◇

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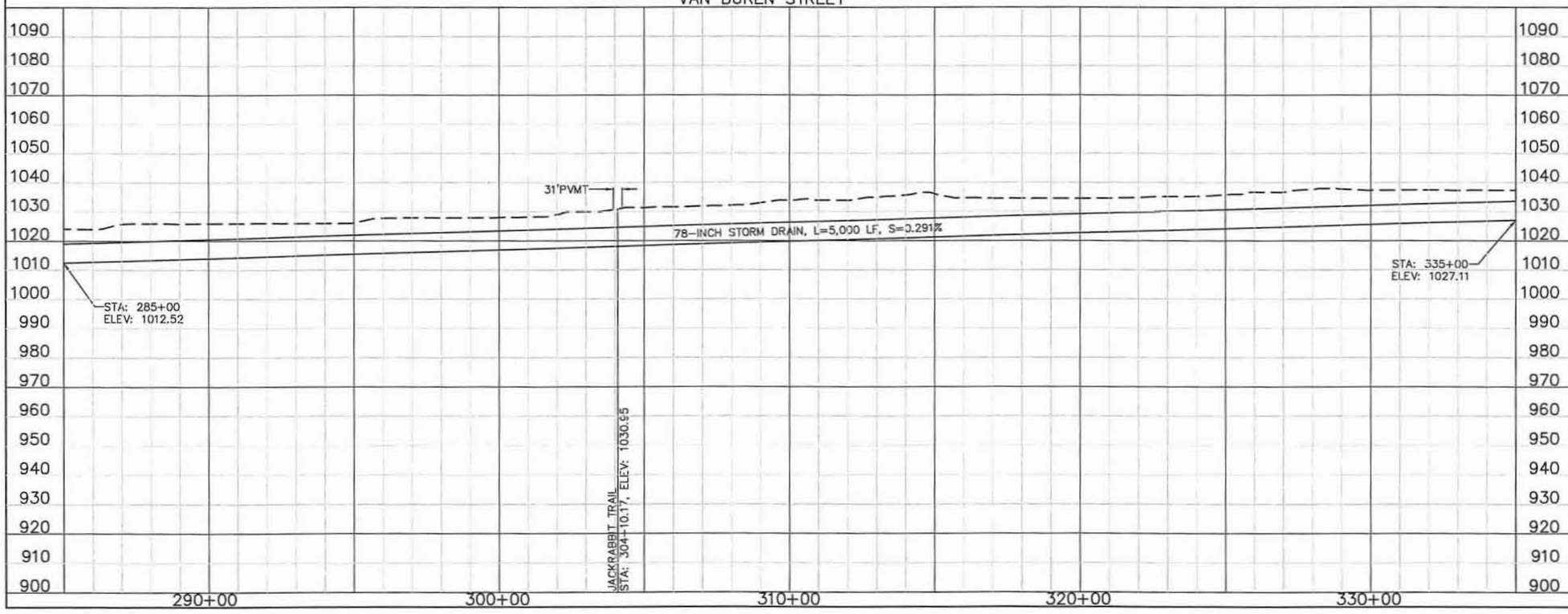
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
ENGINEERING DIVISION

WHITE TANKS FRS #4 OUTLET
ALIGNMENT #8
FCD 2008 C013

	BY	DATE
DESIGNED	SW	4/30/10
DRAWN	WH	4/30/10
CHECKED	JCF	4/30/10

OLSSON ASSOCIATES
7250 North 16th Street
Suite 210
Phoenix, AZ 85020-5283
TEL 602.748.1000
FAX 602.748.1001

DRAWING NO.	PLAN & PROFILE	SHEET
APPENDIX H	STA 235+00.00 TO STA 285+00.00	06 OF 08



REMOVE

RELOCATE

RELOCATE BY OTHERS

CONSTRUCT

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NO.	REVISION	BY	DATE
3			
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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
ENGINEERING DIVISION

WHITE TANKS FRS #4 OUTLET
ALIGNMENT #8
FCD 2008 C013

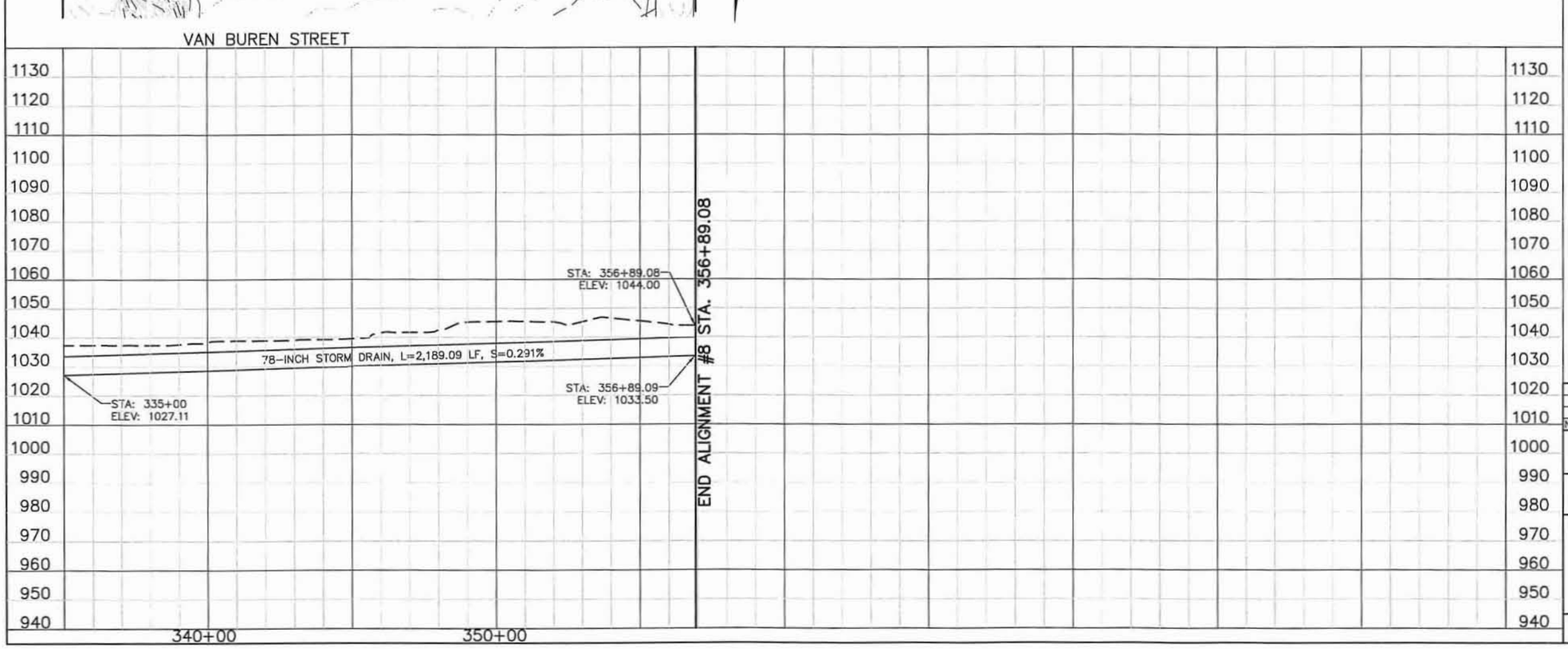
	BY	DATE
DESIGNED	SW	4/30/10
DRAWN	WH	4/30/10
CHECKED	JCF	4/30/10

OLSSON ASSOCIATES

DRAWING NO. APPENDIX H

PLAN & PROFILE
STA 285+00.00 TO STA 335+00.00

SHEET 07 OF 08



☐ REMOVE ☐

⬠ RELOCATE ⬠

◇ RELOCATE BY OTHERS ◇

○ CONSTRUCT ○

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100 0 100 200 — Scale in Feet Horizontal Scale

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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
ENGINEERING DIVISION

WHITE TANKS FRS #4 OUTLET
ALIGNMENT #8
FCD 2008 C013

	BY	DATE
DESIGNED	SW	4/30/10
DRAWN	WH	4/30/10
CHECKED	JCF	4/30/10

OLSSON ASSOCIATES

DRAWING NO.	PLAN & PROFILE	SHEET
APPENDIX H	STA 335+00.00 TO STA 356+89.08	08 OF 08