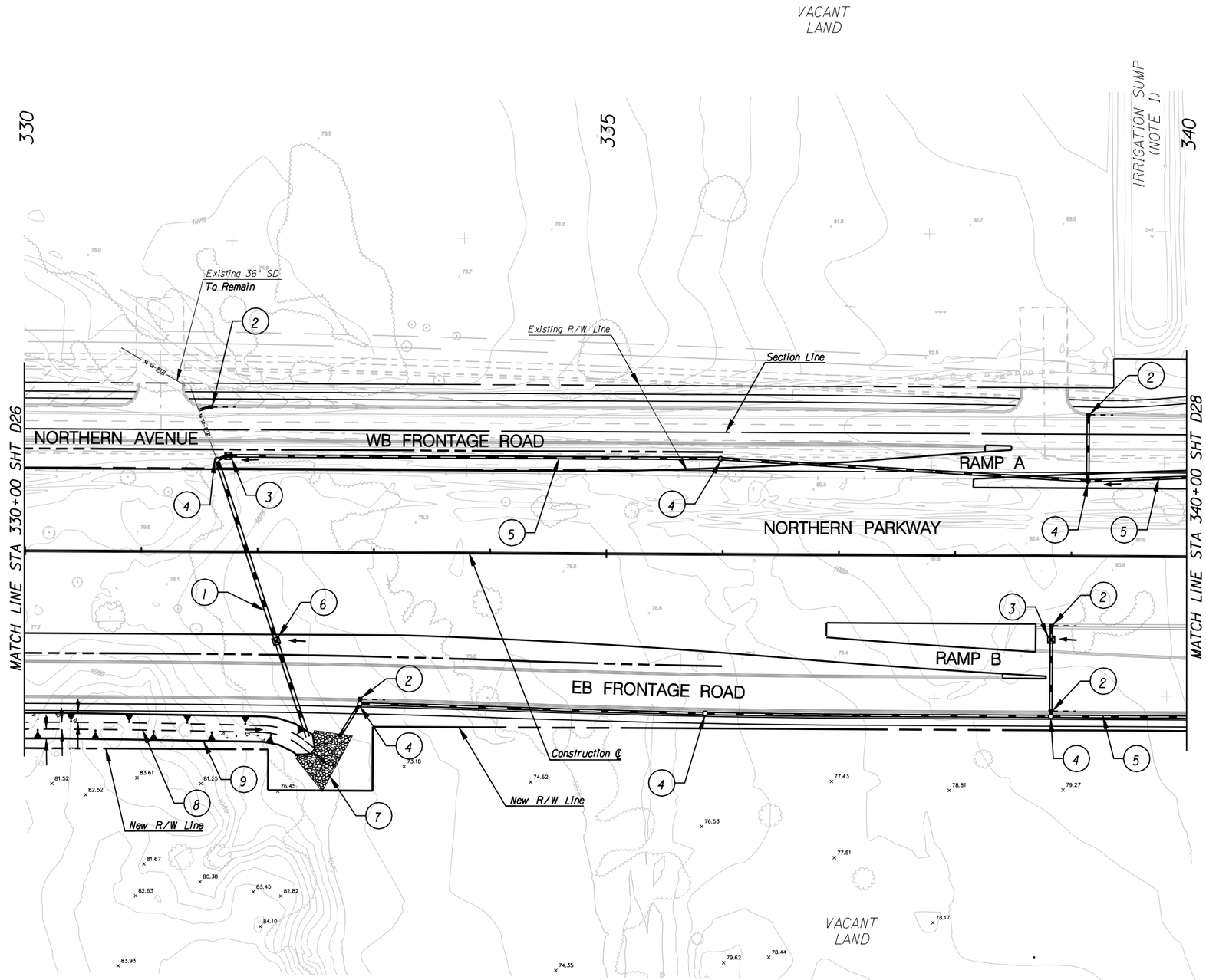
F.W.H.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ.	T195	XX	XX	XXXXX

☐ **REMOVAL /RELOCATE** ☐



NOTES:

1) *See Irrigation Relocation Plans for relocation/replacement data for CLD's, irrigation pipes, and tail water ditches.*

TWO WORKING DAYS BEFORE YOU DIG, CALL **602-263-1100** BLUE STAKE

○ **CONSTRUCTION** ○

1. *New 36" Storm Drain*
2. *New 24" Storm Drain w/ Catch Basin MAG Std Det 533-2 and 20' Slotted Drain*
3. *New 24" Storm Drain w/ New Area Catch Basin MAG Std Det 535, Type F*
4. *New Storm Drain Manhole*
5. *New 24" Storm Drain*
6. *New Area Catch Basin MAG Std Det 538, Type H*
7. *New Riprap Apron*
8. *Channel Excavation for Trapezoidal Channel 6' Bottom Width, 4' Depth, 2:1 SS*
9. *New Concrete Channel Bank Lining 6" Thick, Steel Reinforced*
10. *New Pipe Headwall per MAG Std Det 501-4*

NO.	REVISION	BY	DATE

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

DESIGNED	D. STOUGH	1/08
DRAWN	L. WAGNER	1/08
CHECKED	R. MILES	1/08

PRELIMINARY NOT FOR CONSTRUCTION

URS

DRAINAGE PLAN SHEET
STA 330+00 TO STA 340+00

SHEET D27

TRACS NO. 0000 MA MMA SS593 OIC

1/28/2008
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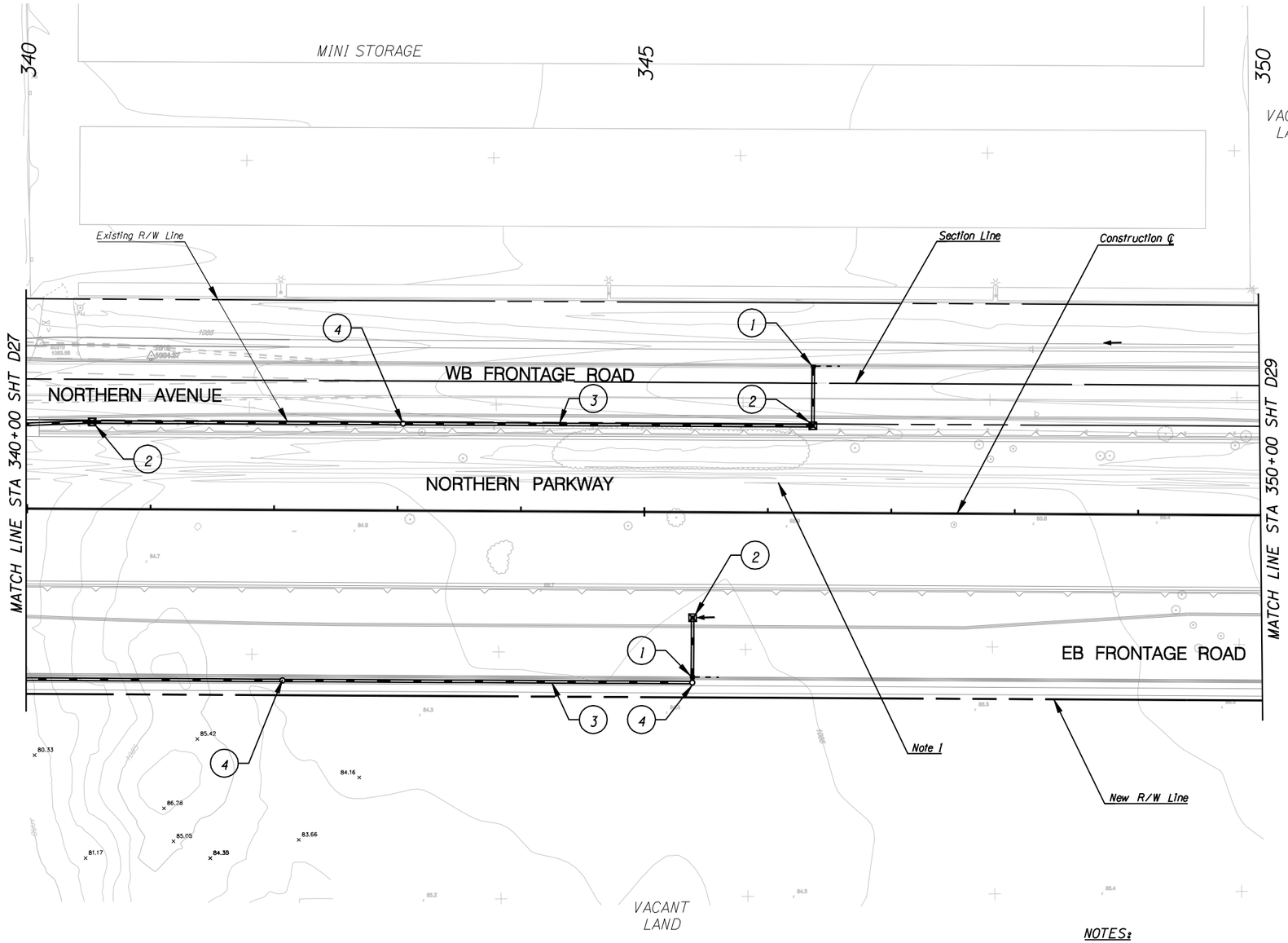

NOTES:

1) See Irrigation Relocation Plans for relocation/replacement data for CLD's, Irrigation pipes, and tail water ditches.

F.W.H.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ.	T195	XX	XX	XXXXX

☐ REMOVAL /RELOCATE ☐

○ CONSTRUCTION ○

(1) New 24" Storm Drain w/ Catch Basin MAG Std Det 533-2 and 20' Slotted Drain

(2) New Area Catch Basin MAG Std Det 535, Type F

(3) New 24" Storm Drain

(4) New Storm Drain Manhole

NO.	REVISION	BY	DATE
3			.
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

DESIGNED	D. STOUGH	1/08
DRAWN	L. WAGNER	1/08
CHECKED	R. MILES	1/08

PRELIMINARY NOT FOR CONSTRUCTION

URS

DRAINAGE PLAN SHEET
STA 340+00 TO STA 350+00

SHEET D28

TRACS NO. 0000 MA MMA SS593 01C

TWO WORKING DAYS BEFORE YOU DIG, CALL 602-263-1100 BLUE STAKE

1/28/2008
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English

F.W.H.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ.	T195	XX	XX	XXXXX

☐ **REMOVAL /RELOCATE** ☐

○ **CONSTRUCTION** ○

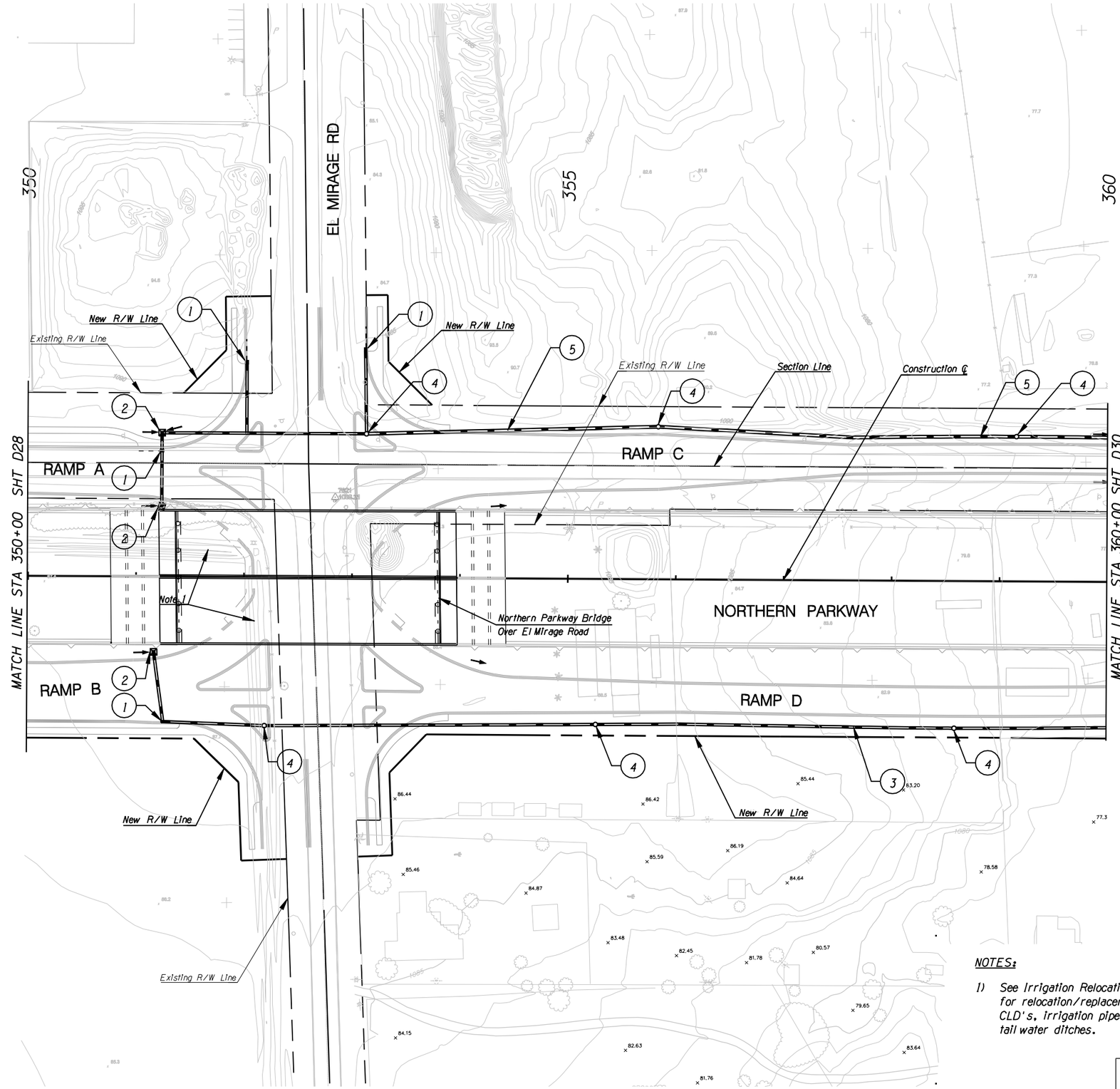
(1) New 24" Storm Drain w/ Catch Basin MAG Std Det 533-2 and 20' Slotted Drain

(2) New 24" Storm Drain Area Catch Basin MAG Std Det 535, Type F

(3) New 24" Storm Drain

(4) New Storm Drain Manhole

(5) New 30" Storm Drain



NOTES:

1) See Irrigation Relocation Plans for relocation/replacement data for CLD's, irrigation pipes, and tail water ditches.

TWO WORKING DAYS BEFORE YOU DIG, CALL **602-263-1100** BLUE STAKE

NO.	REVISION	BY	DATE
1			.
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MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	D. STOUGH	1/08
DRAWN	L. WAGNER	1/08
CHECKED	R. MILES	1/08

URS

DRAINAGE PLAN SHEET
STA 350+00 TO STA 360+00

SHEET D29

TRACS NO. 0000 MA MMA SS593 OIC

1/28/2008
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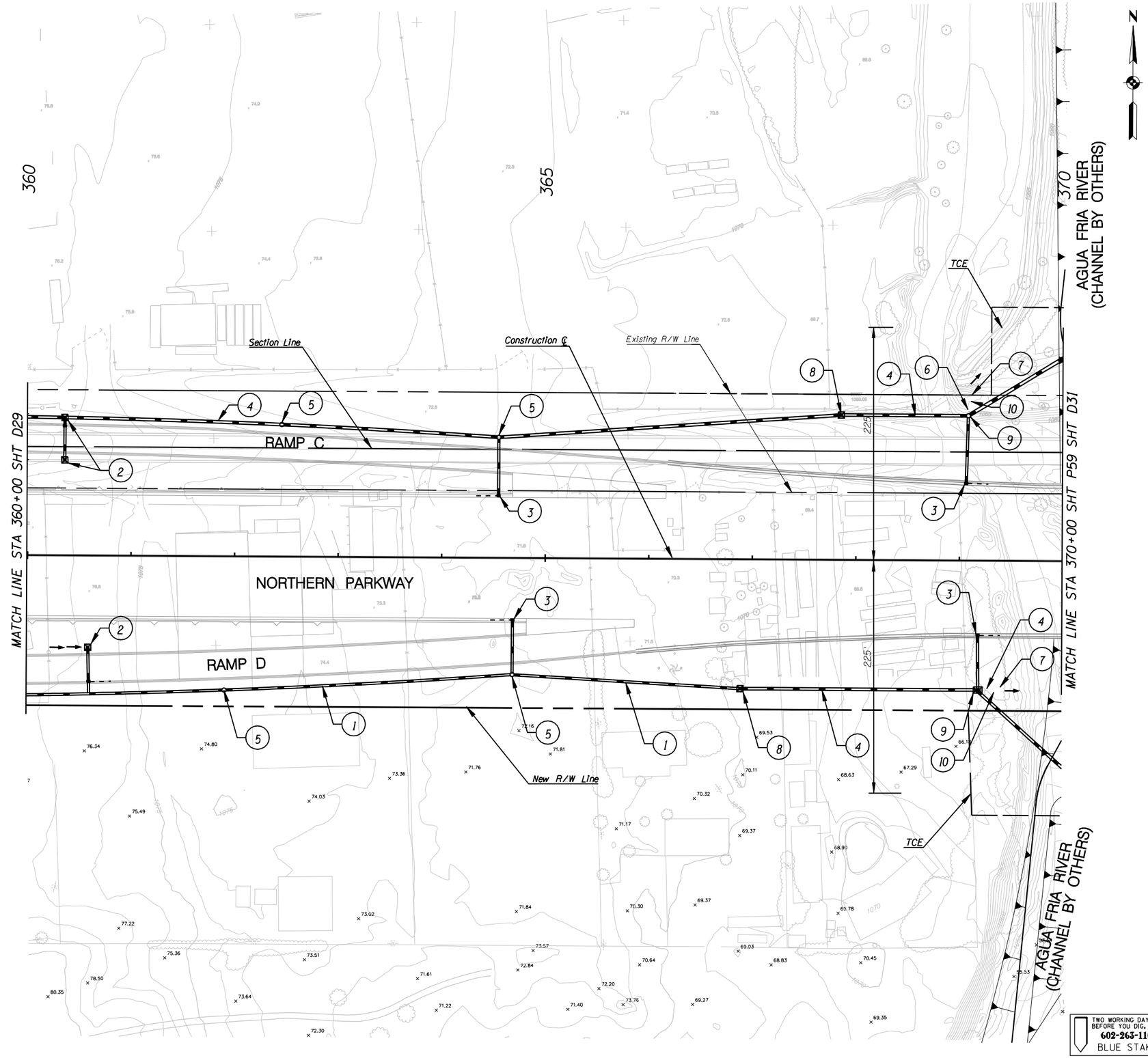
English



F.W.H.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ.	T195	XX	XX	XXXXX

☐ **REMOVAL /RELOCATE** ☐

.

○ **CONSTRUCTION** ○

(1) New 24" Storm Drain

(2) New 24" Storm Drain w/ Area Catch Basin MAG Std Det 535, Type F

(3) New 24" Storm Drain w/ Catch Basin MAG Std Det 533-2 and 20' Slotted Drain

(4) New 30" Storm Drain

(5) New Storm Drain Manhole

(6) New 36" Storm Drain

(7) New Dumped Riprap Apron

(8) New Area Catch Basin MAG Std Det 535, Type F

(9) New Area Catch Basin MAG Std Det 535, Type F Double

(10) New Pipe Headwall per MAG Std Det 501-4

NO.	REVISION	BY	DATE
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MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	D. STOUGH	1/08
DRAWN	L. WAGNER	1/08
CHECKED	R. MILES	1/08

URS

DRAINAGE PLAN SHEET
STA 360+00 TO STA 370+00

SHEET D30

TRACS NO. 0000 MA MMA SS593 01C

TWO WORKING DAYS BEFORE YOU DIG, CALL **602-263-1100** BLUE STAKE

1/28/2008
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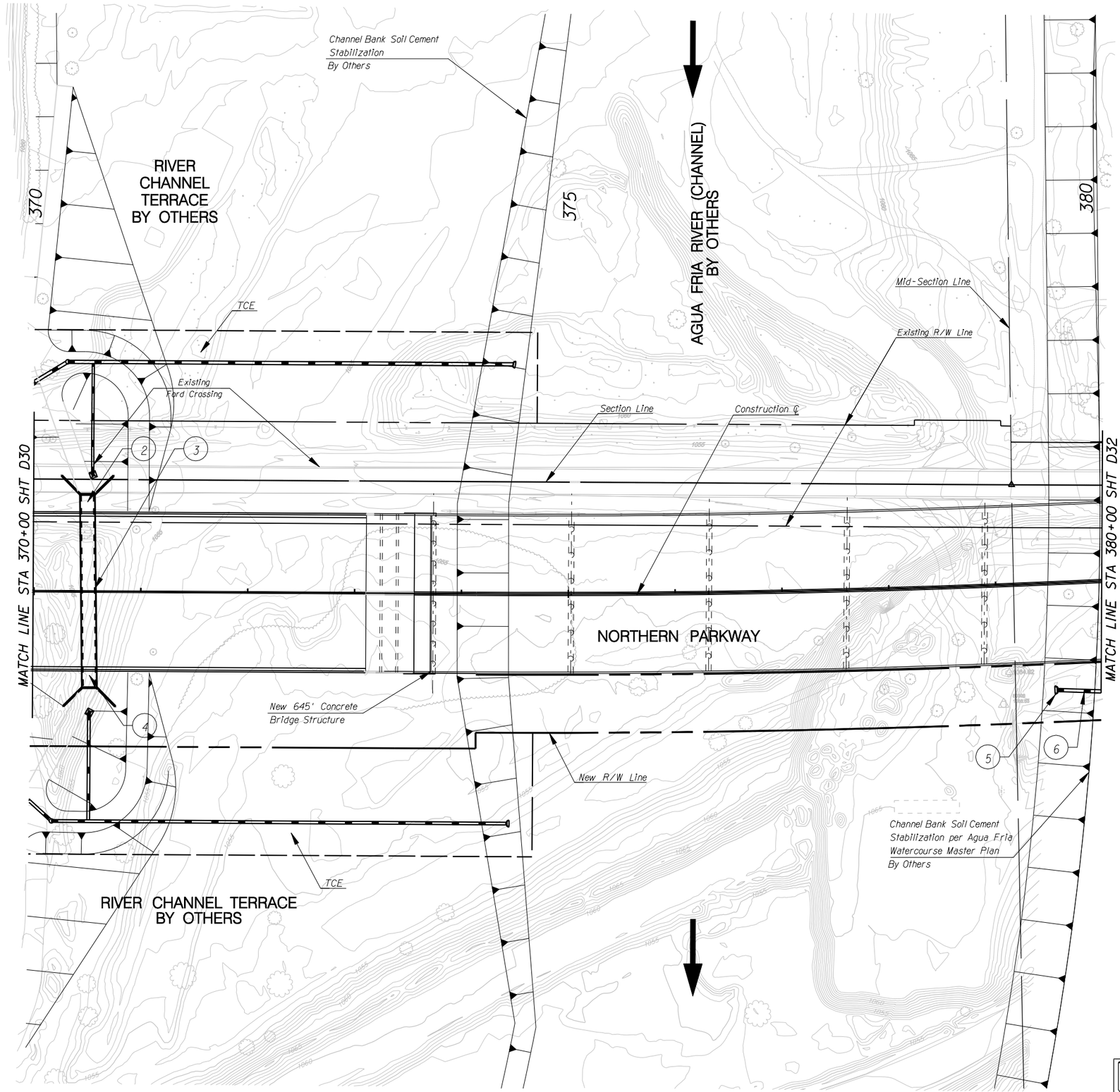
English



F.W.H.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ.	T195	XX	XX	XXXXX

☐ **REMOVAL /RELOCATE** ☐

○ **CONSTRUCTION** ○

(2) *New CBC Inlet Wingwall*
Per ADOT Std Det B-04.40
Skew 0°, 4:1 SS

(3) *New 12' X 12' CBC*
Per ADOT Std Det B-02.10

(4) *New CBC Outlet Wingwall*
Per ADOT Std Det B-04.20
Skew 0°, 4:1 SS

(5) *New Pipe Headwall per MAG Std Det 501-4*

(6) *New 36" Storm Drain*

NO.	REVISION	BY	DATE
1			.
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MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

DESIGNED	D. STOUGH	1/08
DRAWN	L. WAGNER	1/08
CHECKED	R. MILES	1/08

PRELIMINARY
NOT FOR
CONSTRUCTION

URS

DRAINAGE PLAN SHEET
STA 370+00 TO STA 380+00

SHEET D31

TRACS NO. 0000 MA MMA SS593 OIC

TWO WORKING DAYS
BEFORE YOU DIG, CALL
602-263-1100
BLUE STAKE

1/28/2008
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English