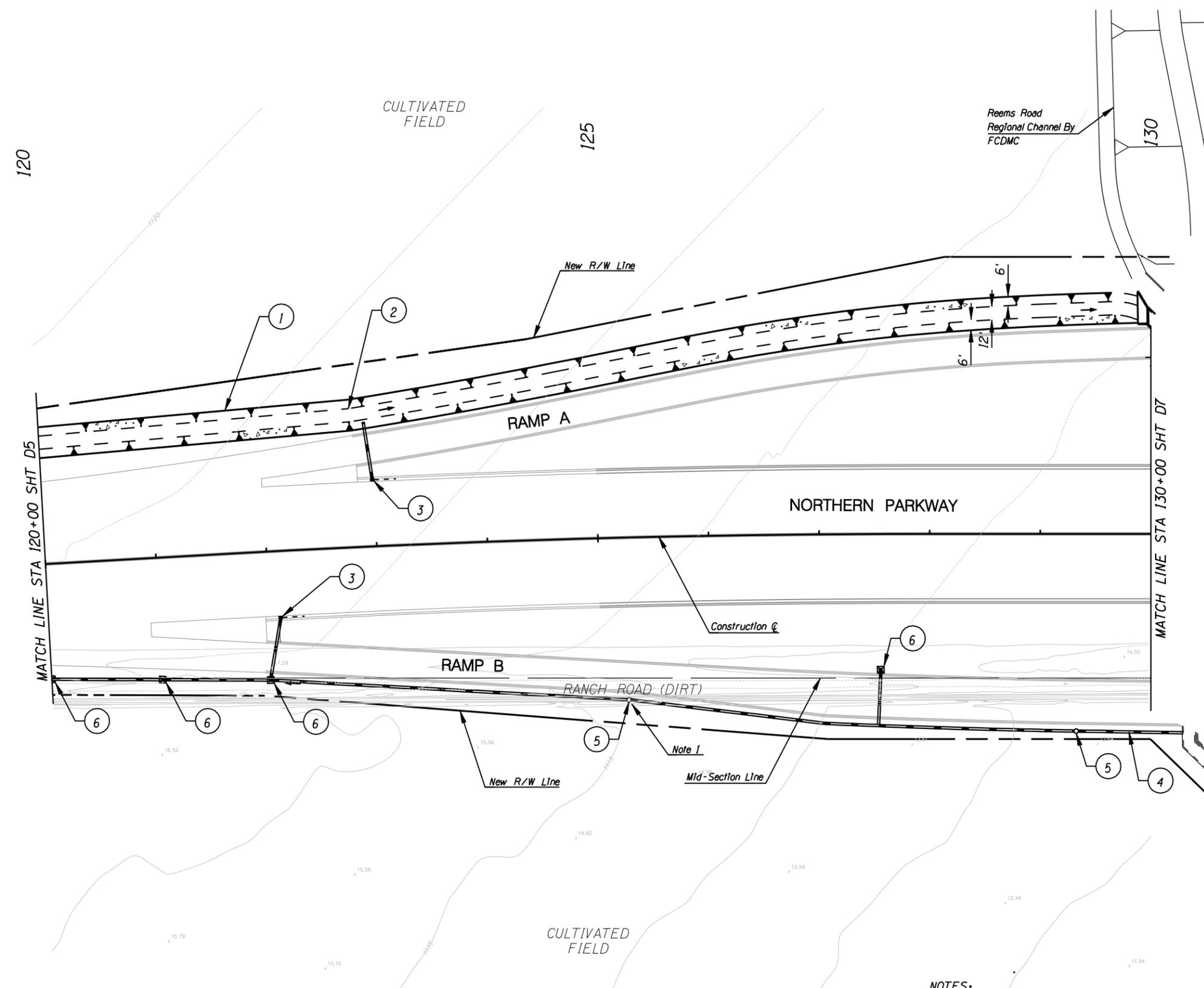


F.W.H.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ.	T195	XX	XX	XXXXX

REMOVAL /RELOCATE

CONSTRUCTION

- ① Channel Excavation for Trapezoidal Channel
12' Bottom Width, 3' Depth, 2:1 SS
- ② New Concrete Channel Bank Lining
6" Thick, Steel Reinforced
- ③ New 24" Storm Drain w/ Catch Basin,
MAG Std Det 533-2 and 20' Slotted Drain
- ④ New 24" Storm Drain
- ⑤ New Storm Drain Manhole
- ⑥ New 24" Storm Drain w/
New Area Catch Basin,
MAG Std Det 535



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

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 120+00 TO STA 130+00

SHEET
 D6

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

REMOVAL /RELOCATE

- CONSTRUCTION
- ① Channel Excavation for Trapezoidal Channel 12' Bottom Width, 3' Depth, 2:1 SS
 - ② New Concrete Channel Bank Lining 6" Thick, Steel Reinforced
 - ③ New 24" Storm Drain w/ Catch Basin MAG Std Det 533-2 and 20' Slotted Drain
 - ④ New 30" Storm Drain Discharge Through CBC Barrel Wall
 - ⑥ New Area Catch Basin with 24" Storm Drain MAG Std Det 535, Type F
 - ⑦ New CBC Inlet Wingwall per ADOT Std Det B-04.70 Skew-45° Lt, 2:1 SS
 - ⑧ New Storm Drain Manhole
 - ⑨ New 24" Storm Drain
 - ⑩ New 10' x 6' CBC Barrel per ADOT Std Det B-02.10
 - ⑪ New CBC Outlet Wingwall per ADOT Std Det B-04.50 Skew-45° Lt, 2:1 SS
 - ⑫ New Pipe Headwall 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

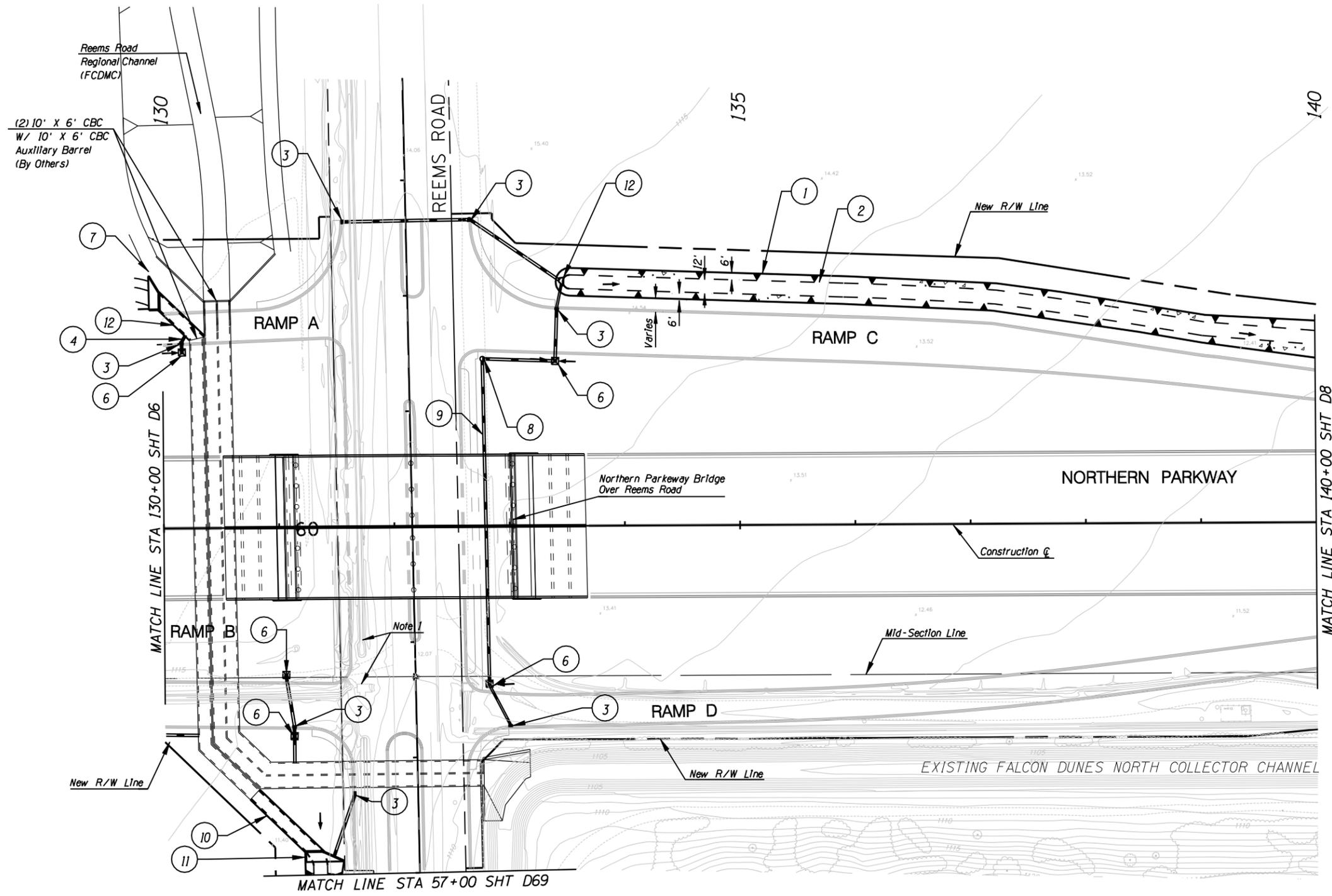
PRELIMINARY NOT FOR CONSTRUCTION	DESIGNED	D. STOUGH	1/08
	DRAWN	L. WAGNER	1/08
	CHECKED	R. MILES	1/08

URS

DRAINAGE PLAN SHEET
STA 130+00 TO STA 140+00

SHEET
D7

TRACS NO. 0000 MA MMA 55593 01C



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

FALCON DUNES
GOLF COURSE &
DETENTION BASIN

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

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

REMOVAL /RELOCATE

- CONSTRUCTION
- ① Channel Excavation for Trapezoidal Channel 12' Bottom Width, 3' Depth, 2:1 SS
 - ② New Concrete Channel Bank Lining 6" Thick, Steel Reinforced
 - ③ New 30" Storm Drain
 - ④ Channel Excavation for Channel Transition 12' Bottom Width, 3' Depth End 2:1 SS, Begin 6:1 Foreslp, 4:1 Bkslp
 - ⑤ Channel Excavation for Trapezoidal Channel 12' Bottom Width, 3' Depth 6:1 Foreslope, 4:1 Backslope
 - ⑥ New Riprap Spillway
 - ⑦ New 24" Storm Drain w/ Catch Basin MAG Std Def 533-2 and 20' Slotted Drain
 - ⑧ New 24" Storm Drain

NO.	REVISION	BY	DATE

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

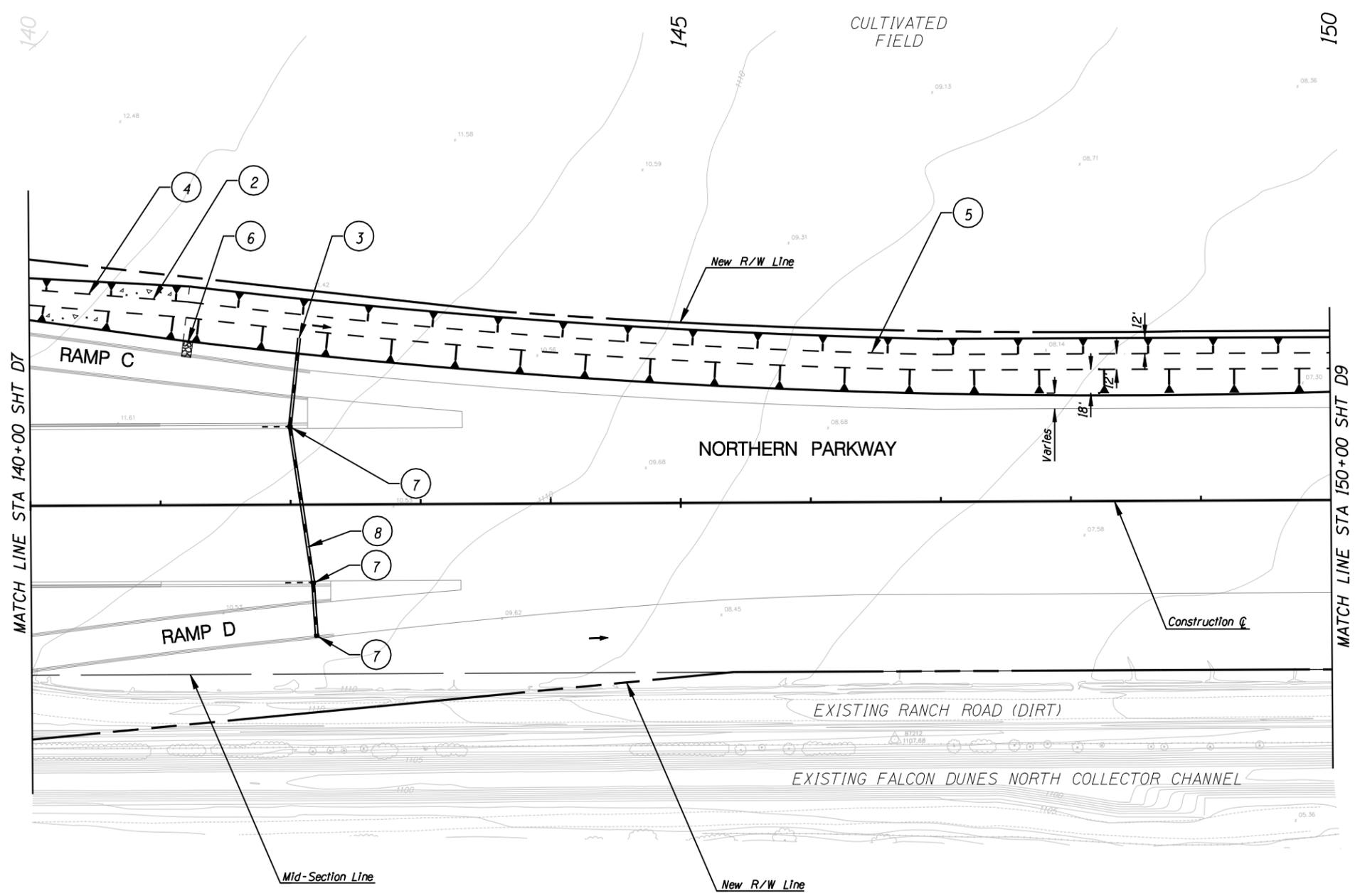
NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION	DESIGNED	D. STOUGH	1/08
	DRAWN	L. WAGNER	1/08
	CHECKED	R. MILES	1/08



DRAINAGE PLAN SHEET
STA 140+00 TO STA 150+00
SHEET D8

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



FALCON DUNES
GOLF COURSE &
DETENTION BASIN

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REMOVAL /RELOCATE

1 Remove Existing Conc Wingwall
Existing Headwall to Remain

- CONSTRUCTION
- 1** Channel Excavation for Trapezoidal Channel
12' Bottom Width, 3' Depth
6:1 Foreslope, 4:1 Backslope
 - 3** New Pipe Inlet Headwall
per ADOT Std Det B-11.13
Skew-30°, 4:1 SS
 - 4** New 48" Storm Drain
Discharge Through CBC Barrel Wall
 - 5** New Catch Basin, Median Dike
ADOT Std Det C-15.90
 - 6** New 24" Storm Drain
Discharge Through CBC Barrel Wall
 - 7** New CBC Inlet Wingwall
per ADOT Std Det B-04.30
Skew- 0° Lt, 2:1 SS
 - 8** Extend (2) 10' x 4' CBC
per ADOT Std Det B-02.20
w/ 32 #6 Dowels per ADOT Std Det B-01.11

NO.	REVISION	BY	DATE

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

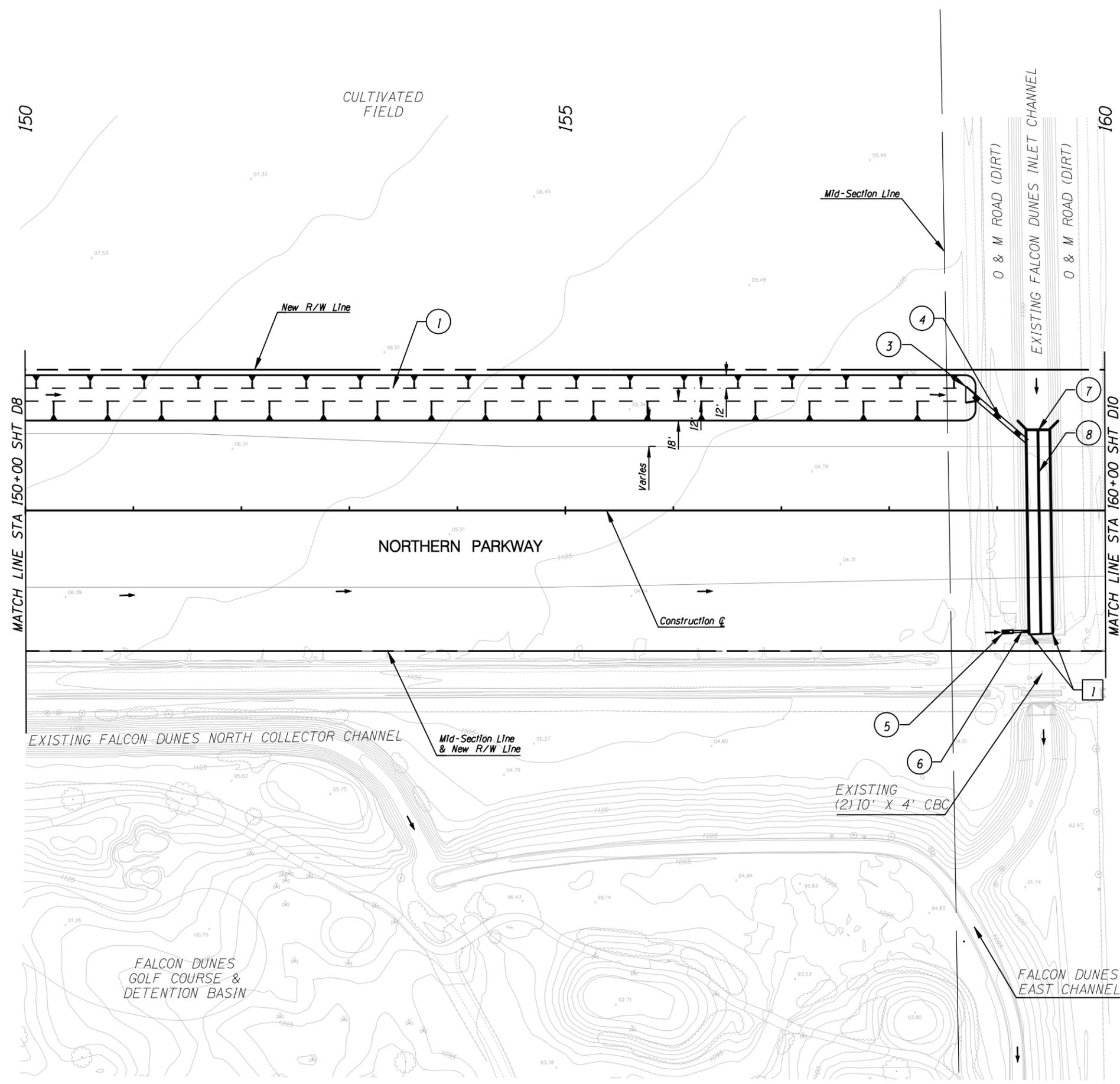
PRELIMINARY NOT FOR CONSTRUCTION	DESIGNED	D. STOUGH	1/08
	DRAWN	L. WAGNER	1/08
	CHECKED	R. MILES	1/08

URS

DRAINAGE PLAN SHEET
STA 150+00 TO STA 160+00

SHEET
D9

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



1/28/2008 p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate_Drainage\T1108chan09.dgn

English