Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
11	SD	805	5.8/13.0	47	216

REGISTERED CIVIL ENGINEER 02-14-13 DATE

02-25-13
PLANS APPROVAL DATE

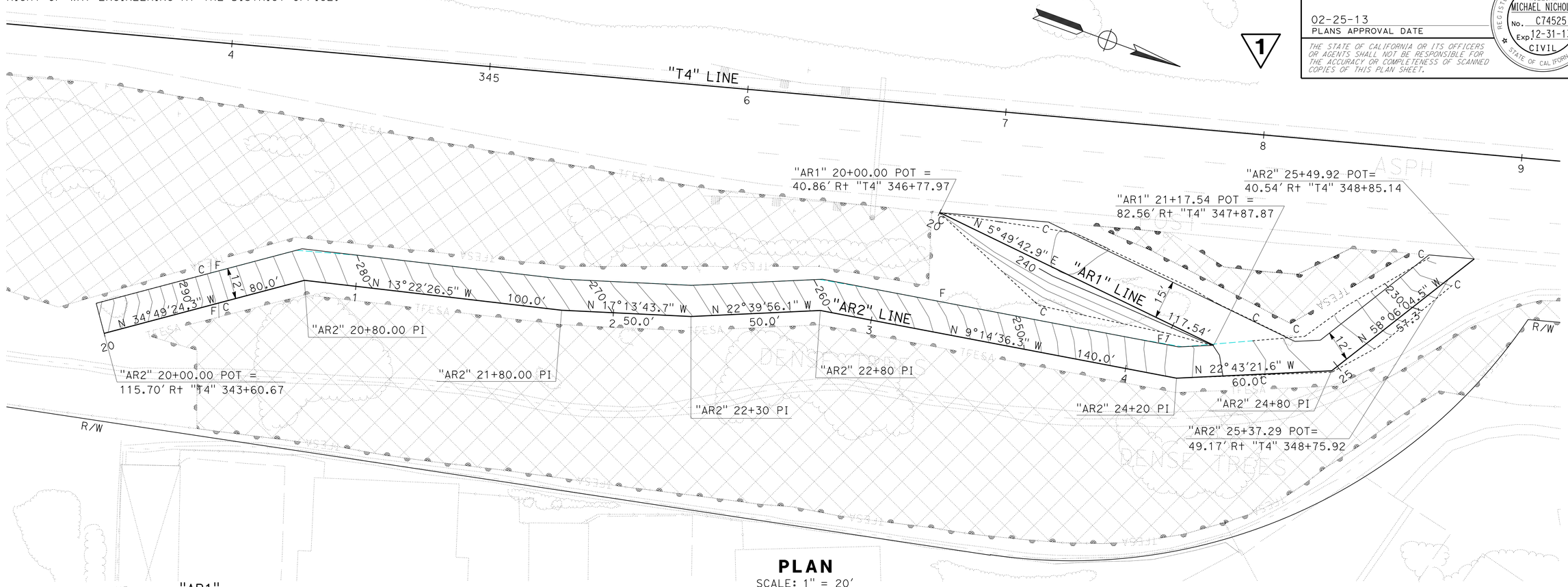
REGISTERED PROFESSIONAL ENGINEER WILLIAM MICHAEL NICHOLS No. C74525 Exp 12-31-13 CIVIL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

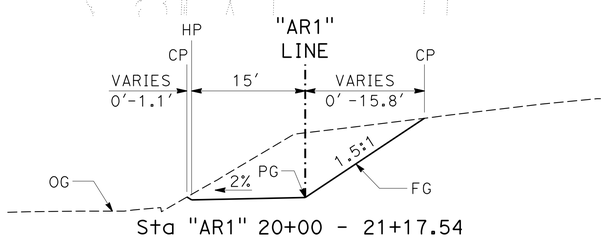
1 REVISED PER ADDENDUM No. 1 DATED APRIL 15, 2013

NOTE:

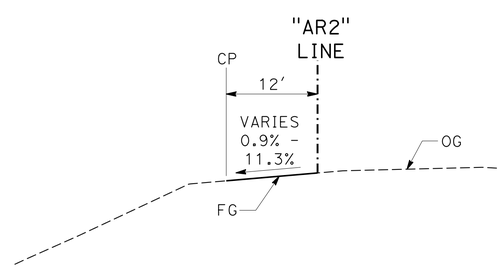
FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



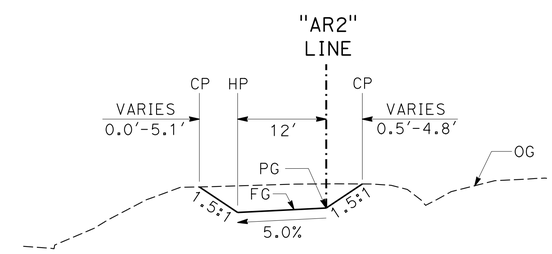
PLAN
SCALE: 1" = 20'



Sta "AR1" 20+00 - 21+17.54



Sta "AR2" 20+00 - 24+80



Sta "AR2" 24+80 - 25+49.92

PROFILE GRADES		
"AR1" STATION	Exist Elev	PG Elev
20+00.00	241.84'	241.84'
20+50.00	256.45'	237.85'
21+00.00	241.49'	239.35'
21+17.54	239.94'	239.88'

TYPICAL CROSS SECTIONS
NO SCALE

PROFILE GRADES		
"AR2" STATION	Exist Elev	PG Elev
24+80.00	237.48'	237.16'
25+00.00	235.85'	232.66'
25+37.29	225.34'	223.97'
25+49.92	221.42'	221.42'

TEMPORARY CONSTRUCTION ACCESS ROADS

LOCATION 1

CONSTRUCTION DETAILS

SCALE AS SHOWN

C-31

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
DESIGN
FUNCTIONAL SUPERVISOR: HARWELL M. ONTOY
CALCULATED-DESIGNED BY: WILLIAM MICHAEL NICHOLS
CHECKED BY: MAY ALSHEIKH
REVISED BY
DATE REVISED

LAST REVISION 04-04-13
DATE PLOTTED => 04-APR-2013
TIME PLOTTED => 15:35

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
11	SD	805	5.8/13.0	48	216

REGISTERED CIVIL ENGINEER 02-14-13 DATE

02-25-13
PLANS APPROVAL DATE

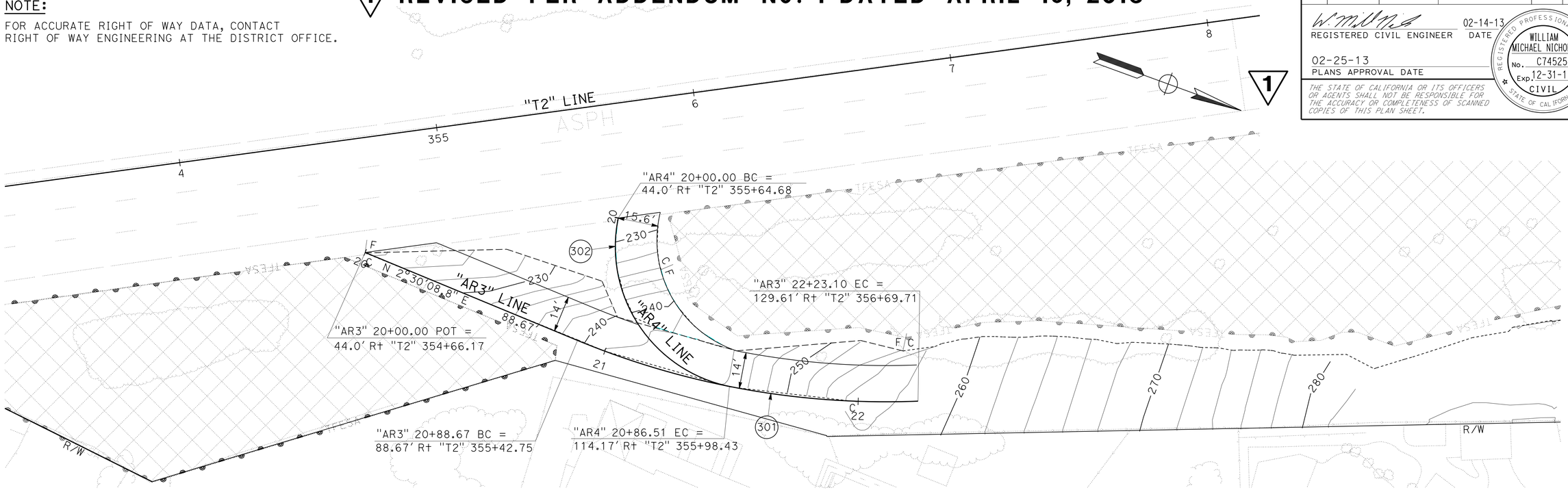
REGISTERED PROFESSIONAL ENGINEER WILLIAM MICHAEL NICHOLS No. C74525 Exp. 12-31-13 CIVIL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

1 **REVISED PER ADDENDUM No. 1 DATED APRIL 15, 2013**

NOTE:

FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

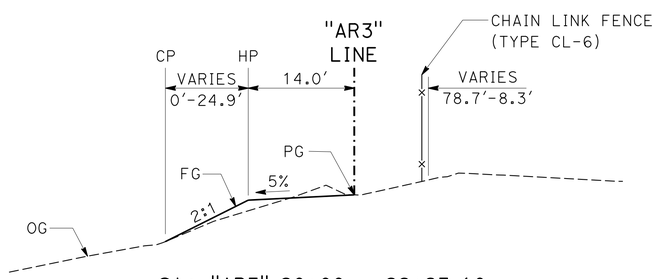


PLAN

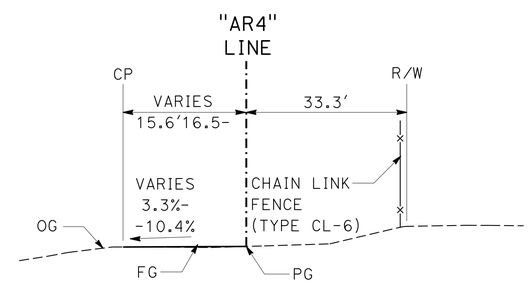
SCALE: 1" = 20'

CURVE DATA

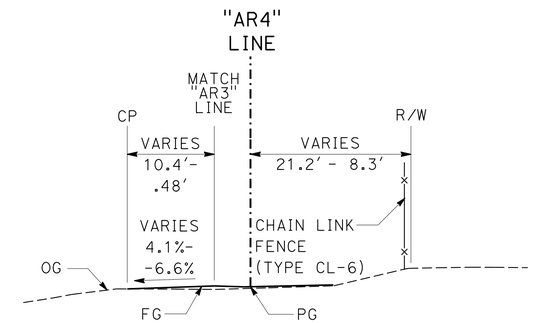
No.	R	Δ	T	L
301	310.97'	24°46'10.4"	68.28'	134.44'
302	55.00'	90°07'24.7"	55.12'	86.51'



Sta "AR3" 20+00 - 22+23.10



Sta "AR4" 20+00 - 20+40.00



Sta "AR4" 20+40 - 20+86.5

PROFILE GRADES		
"AR3" STATION	Exist Elev	PG Elev
20+00.00	233.47'	233.47'
20+50.00	231.42	231.42'
20+88.67	239.30'	239.30'
21+00.00	242.10'	242.21'
21+50.00	244.12'	244.12'
22+00.00	257.25'	257.25'
22+23.10	260.35'	260.35'

PROFILE GRADES			
"AR4" STATION	Exist Elev	PG Elev	CROSS SLOPE
20+00.00	228.61'	228.61'	+6.48%
20+20.00	232.58'	232.58'	+3.25%
20+40.00	240.98'	240.98'	-10.36%

PROFILE GRADES			
"AR4" STATION	Exist Elev	PG Elev	CROSS SLOPE
20+50.00	228.61'	242.01'	+6.48%
20+60.00	242.54'	242.54'	-8.47%
20+86.51	244.12'	244.12'	-3.12%

TYPICAL CROSS SECTIONS

NO SCALE

TEMPORARY CONSTRUCTION ACCESS ROADS

LOCATION 2

CONSTRUCTION DETAILS

SCALE AS SHOWN

C-32

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans® **DESIGN**

FUNCTIONAL SUPERVISOR: HARWELL M. ONTOY

CALCULATED-DESIGNED BY: WILLIAM MICHAEL NICHOLS

CHECKED BY: MAY ALSHEIKH

REVISED BY

DATE REVISED

LAST REVISION 04-04-13 | DATE PLOTTED => 04-APR-2013 | TIME PLOTTED => 15:35

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
11	SD	805	5.8/13.0	49	216

REGISTERED CIVIL ENGINEER 02-14-13 DATE

02-25-13
PLANS APPROVAL DATE

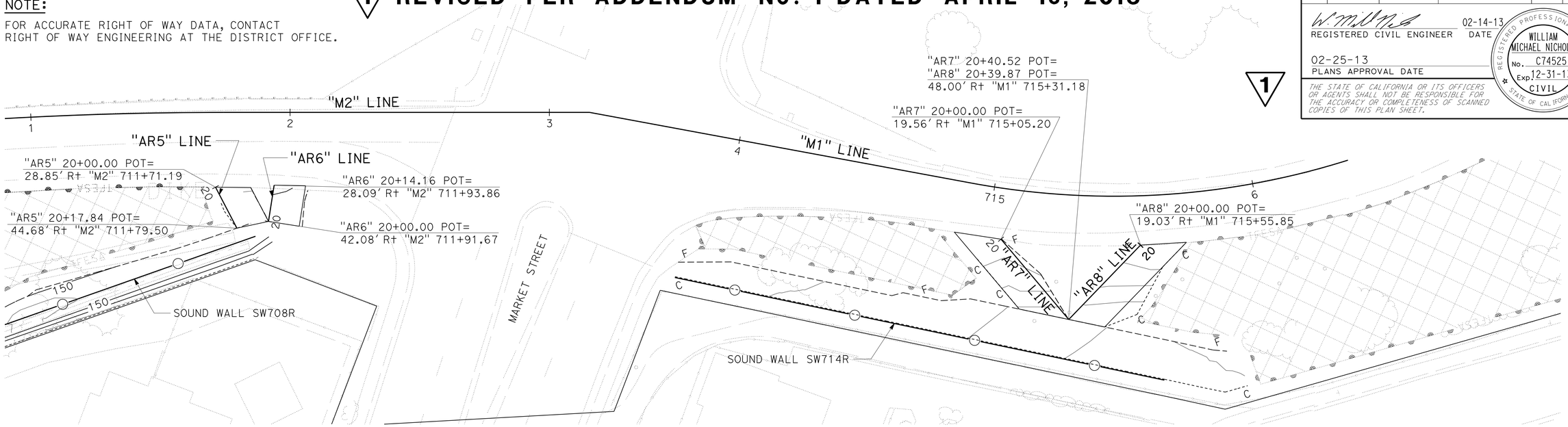
REGISTERED PROFESSIONAL ENGINEER WILLIAM MICHAEL NICHOLS No. C74525 Exp. 12-31-13 CIVIL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

1 REVISED PER ADDENDUM No. 1 DATED APRIL 15, 2013

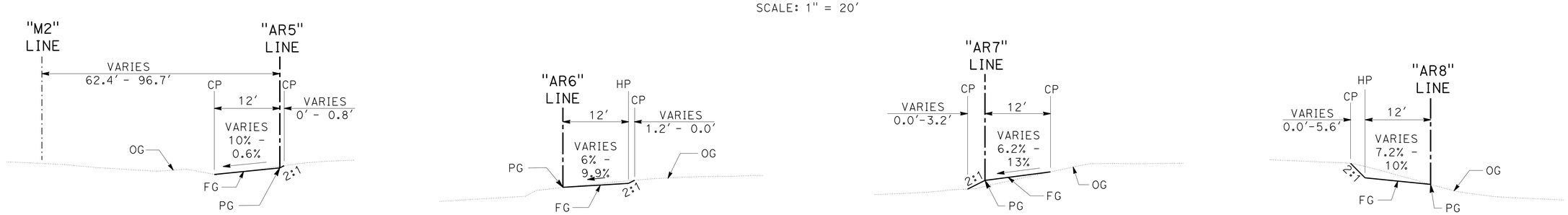
NOTE:

FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



PLAN

SCALE: 1" = 20'



Sta "AR5" 20+00 - 20+17.84 | Sta "AR6" 20+00 - 20+14.16 | Sta "AR7" 20+00 - 20+40.51 | Sta "AR8" 20+00 - 20+39.87

TYPICAL CROSS SECTIONS

NO SCALE

PROFILE			
"AR5" STATION	Exist Elev	PG Elev	SLOPE
20+00.00	146.32'	146.32'	-
20+06.43	149.08'	148.78'	-10.0%
20+17.84	150.99'	150.99'	-0.6%

PROFILE			
"AR6" STATION	Exist Elev	PG Elev	SLOPE
20+00.00	151.21'	151.21'	6.0%
20+14.16	149.29'	149.29'	9.9%

PROFILE			
"AR7" STATION	Exist Elev	PG Elev	SLOPE
20+00.00	150.59'	150.59'	6.2%
20+20.00	152.33'	153.41'	13%
20+40.51	157.54'	157.54'	-

PROFILE			
"AR8" STATION	Exist Elev	PG Elev	SLOPE
20+00.00	150.73'	150.73'	7.2%
20+20.00	153.50'	153.50'	10.0%
20+39.87	157.54'	157.54'	-

PROFILE GRADE

TEMPORARY CONSTRUCTION ACCESS ROADS

LOCATIONS 7 & 8

CONSTRUCTION DETAILS

SCALE AS SHOWN

C-33

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
DESIGN
FUNCTIONAL SUPERVISOR: HARWELL M. ONTOY
CALCULATED-DESIGNED BY: WILLIAM MICHAEL NICHOLS
CHECKED BY: MAY ALSHEIKH
REVISED BY
DATE REVISED

LAST REVISION 04-04-13 | DATE PLOTTED => 04-APR-2013 | TIME PLOTTED => 15:35