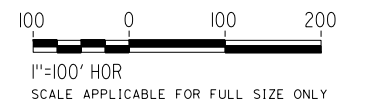


MATCH LINE ( CV-G4153 )



Projects\701206\_00\_CHSRBP\00\_CADD\Sheet Files\CV\G\BP-CV-G4162

5:47:10 AM

1/14/2021

Glenn.Yamanaka@tylin.com

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**G. YAMANAKA**  
DRAWN BY  
**V. CERON**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**G. CAMPBELL**  
DATE  
**01/29/2021**

**RECORD SET  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT  
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,3  
GRADING AND DRAINAGE  
PLAN  
STA 21085+00 TO 21110+00

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4162  
SCALE  
AS SHOWN  
SHEET NO.  
274



Projects\701206.00\_CHSRBP\00\_CADD\Sheet\_Files\CV\G\BP-CV-G4163

1:18:45 AM

1/21/2021

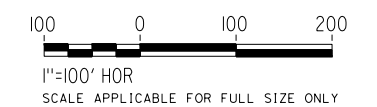
Glenn.Yamanaka@tylin.com

MATCH LINE ( CV-G4154 )



MATCH LINE ( CV-G4162 )

MATCH LINE ( CV-G4164 )



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**G. YAMANAKA**

DRAWN BY  
**V. CERON**

CHECKED BY  
**G. CAMPBELL**

IN CHARGE  
**G. CAMPBELL**

DATE  
**01/29/2021**

**RECORD SET**

**PEPD**

**SUBMITTAL**

**NOT FOR**

**CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT**

**BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,3

GRADING AND DRAINAGE

PLAN

STA 21110+00 TO 21135+00

CONTRACT NO.  
HSR13-44

DRAWING NO.  
CV-G4163

SCALE  
AS SHOWN

SHEET NO.  
275



Projects\701206.00\_CHSRBP\00\_CADD\Sheet Files\CV\G\BP-CV-G4164

5:50:00 AM

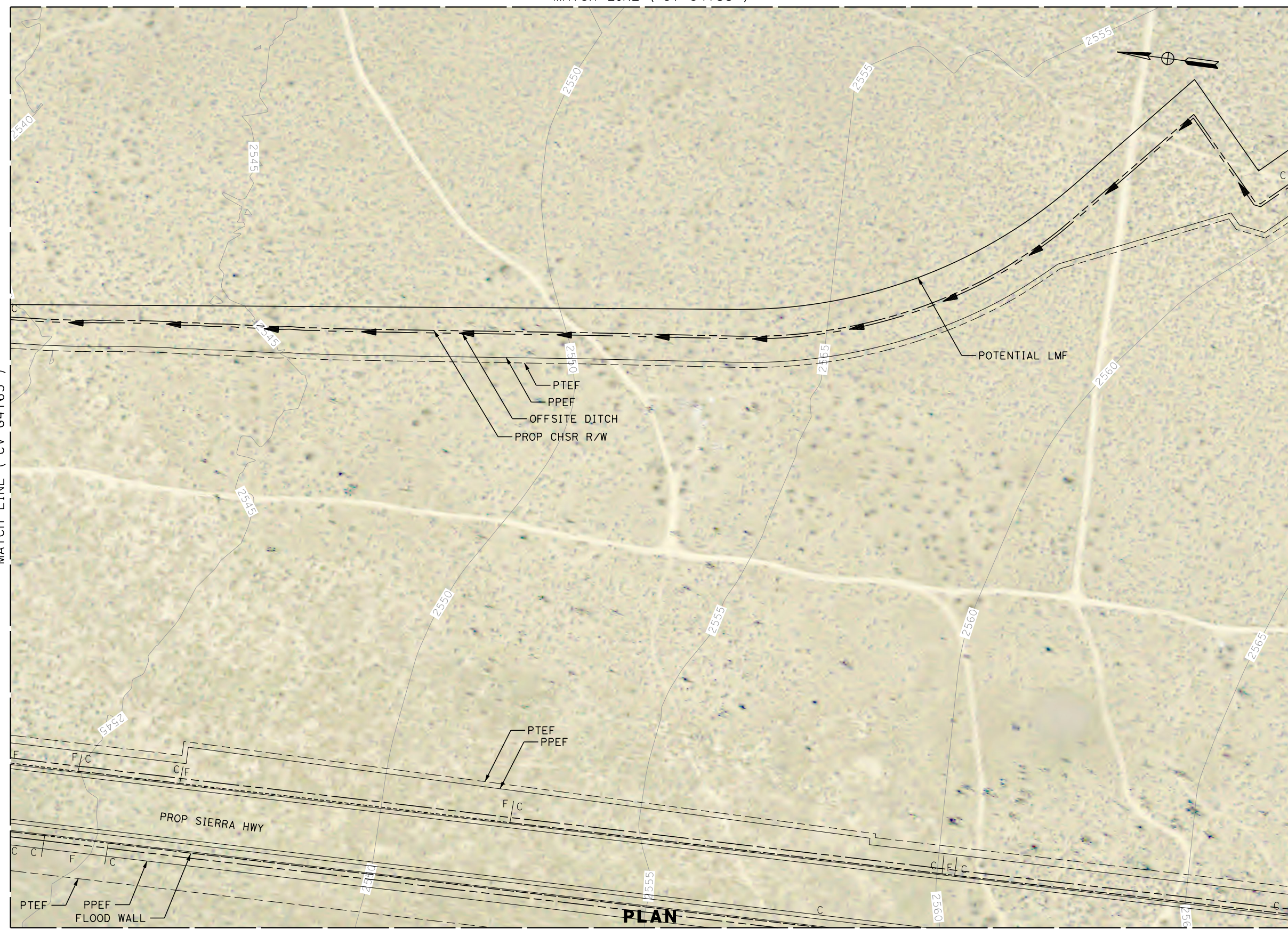
1/14/2021

Glenn.Yamanaka@tylin.com

MATCH LINE ( CV-G4155 )

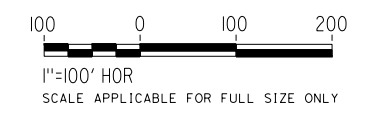
MATCH LINE ( CV-G4163 )

MATCH LINE ( CV-G4165 )



PLAN

MATCH LINE ( CV-G4168 )



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**G. YAMANAKA**  
DRAWN BY  
**V. CERON**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**G. CAMPBELL**  
DATE  
**01/29/2021**

**RECORD SET  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**

**TYLIN INTERNATIONAL**



**CALIFORNIA HIGH-SPEED RAIL PROJECT  
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,3  
GRADING AND DRAINAGE  
PLAN  
STA 21135+00 TO 21160+00

CONTRACT NO.  
**HSR13-44**

DRAWING NO.  
**CV-G4164**

SCALE  
**AS SHOWN**

SHEET NO.  
**276**



Projects\701206.00\_CHSRBP\00\_CADD\Sheet Files\CV\G\BP-CV-G4165

5:52:01 AM

1/14/2021

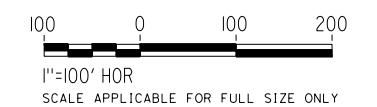
Glenn.Yamanaka@tylin.com

MATCH LINE ( CV-G4156 )



MATCH LINE ( CV-G4164 )

MATCH LINE ( CV-G4166 )



**PLAN**

MATCH LINE ( CV-G4169 )

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**G. YAMANAKA**  
DRAWN BY  
**V. CERON**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**G. CAMPBELL**  
DATE  
**01/29/2021**

**RECORD SET  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT  
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,3  
GRADING AND DRAINAGE  
PLAN  
STA 21160+00 TO 21185+00

CONTRACT NO.  
**HSR13-44**

DRAWING NO.  
**CV-G4165**

SCALE  
**AS SHOWN**

SHEET NO.  
**277**



Projects\701206.00\_CHSRBP\00\_CADD\Sheet Files\CV\G\BP-CV-G4166

5:49:49 AM

1/14/2021

Glenn.Yamanaka@tylin.com

MATCH LINE ( CV-G4157 )

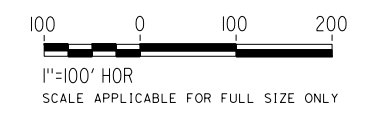


MATCH LINE ( CV-G4165 )

MATCH LINE ( CV-G4167 )

**PLAN**

MATCH LINE ( CV-G4170 )



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**G. YAMANAKA**  
DRAWN BY  
**V. CERON**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**G. CAMPBELL**  
DATE  
**01/29/2021**

**RECORD SET  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT  
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,3  
GRADING AND DRAINAGE  
PLAN  
STA 21185+00 TO 21210+00

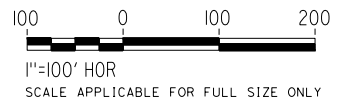
CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4166  
SCALE  
AS SHOWN  
SHEET NO.  
278



MATCH LINE ( CV-G4158 )



MATCH LINE ( CV-G4166 )



Projects\701206.00\_CHSRBP\00\_CADD\Sheet Files\CV\G\BP-CV-G4167

5:48:26 AM

1/14/2021

Glenn.Yamanaka@tylin.com

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**G. YAMANAKA**  
DRAWN BY  
**V. CERON**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**G. CAMPBELL**  
DATE  
**01/29/2021**

**RECORD SET  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT  
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,3  
GRADING AND DRAINAGE  
PLAN  
STA 21210+00 TO 21235+00

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4167  
SCALE  
AS SHOWN  
SHEET NO.  
279



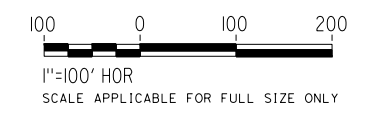
Projects\701206.00\_CHSRBP\00\_CADD\Sheet\_Files\CV\G\BP-CV-G4168

6:10:30 AM

1/14/2021

Glenn.Yamanaka@tylin.com

MATCH LINE ( CV-G4164 )



PLAN

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**G. YAMANAKA**  
DRAWN BY  
**V. CERON**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**G. CAMPBELL**  
DATE  
**01/29/2021**

**RECORD SET  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT  
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,3  
GRADING AND DRAINAGE  
PLAN  
STA 21135+00 TO 21160+00

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4168  
SCALE  
AS SHOWN  
SHEET NO.  
280



Projects\701206\_00\_CHSRBP\00\_CADD\Sheet Files\CV\G\BP-CV-G4169

6:10:19 AM

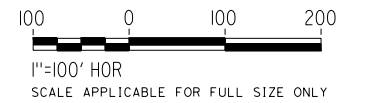
1/14/2021

Glenn.Yamanaka@tylin.com

MATCH LINE ( CV-G4165 )



PLAN



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**G. YAMANAKA**  
DRAWN BY  
**V. CERON**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**G. CAMPBELL**  
DATE  
**01/29/2021**

**RECORD SET  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT  
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,3  
GRADING AND DRAINAGE  
PLAN  
STA 21160+00 TO 21185+00

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4169  
SCALE  
AS SHOWN  
SHEET NO.  
281



Projects\701206.00\_CHSRBP\00\_CADD\Sheet\_Files\CV\G\BP-CV-G4170

6:10:22 AM

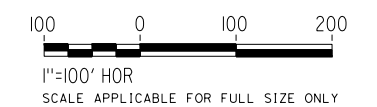
1/14/2021

Glenn.Yamanaka@tylin.com

MATCH LINE ( CV-G4166 )



MATCH LINE ( CV-G4169 )



PLAN

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**G. YAMANAKA**  
DRAWN BY  
**V. CERON**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**G. CAMPBELL**  
DATE  
**01/29/2021**

**RECORD SET  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**

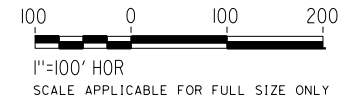
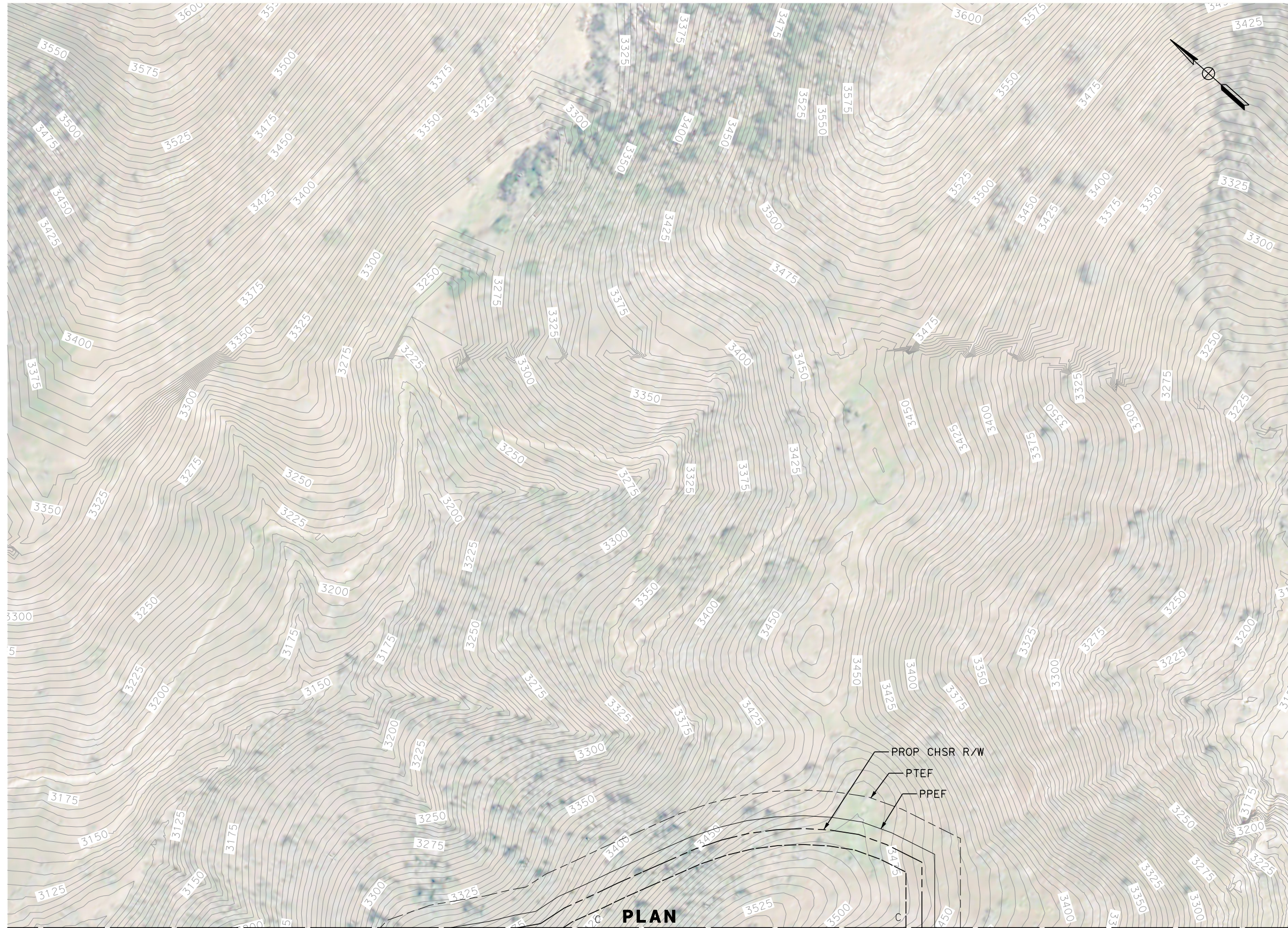


**CALIFORNIA HIGH-SPEED RAIL PROJECT  
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,3  
GRADING AND DRAINAGE  
PLAN  
STA 21185+00 TO 21210+00

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4170  
SCALE  
AS SHOWN  
SHEET NO.  
282





MATCH LINE ( CV-G4056 )

MATCH LINE ( CV-G4057 )

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**G. YAMANAKA**  
DRAWN BY  
**V. CERON**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**G. CAMPBELL**  
DATE  
**01/29/2021**

**RECORD SET  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**

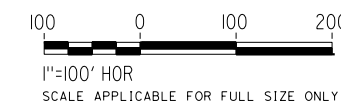
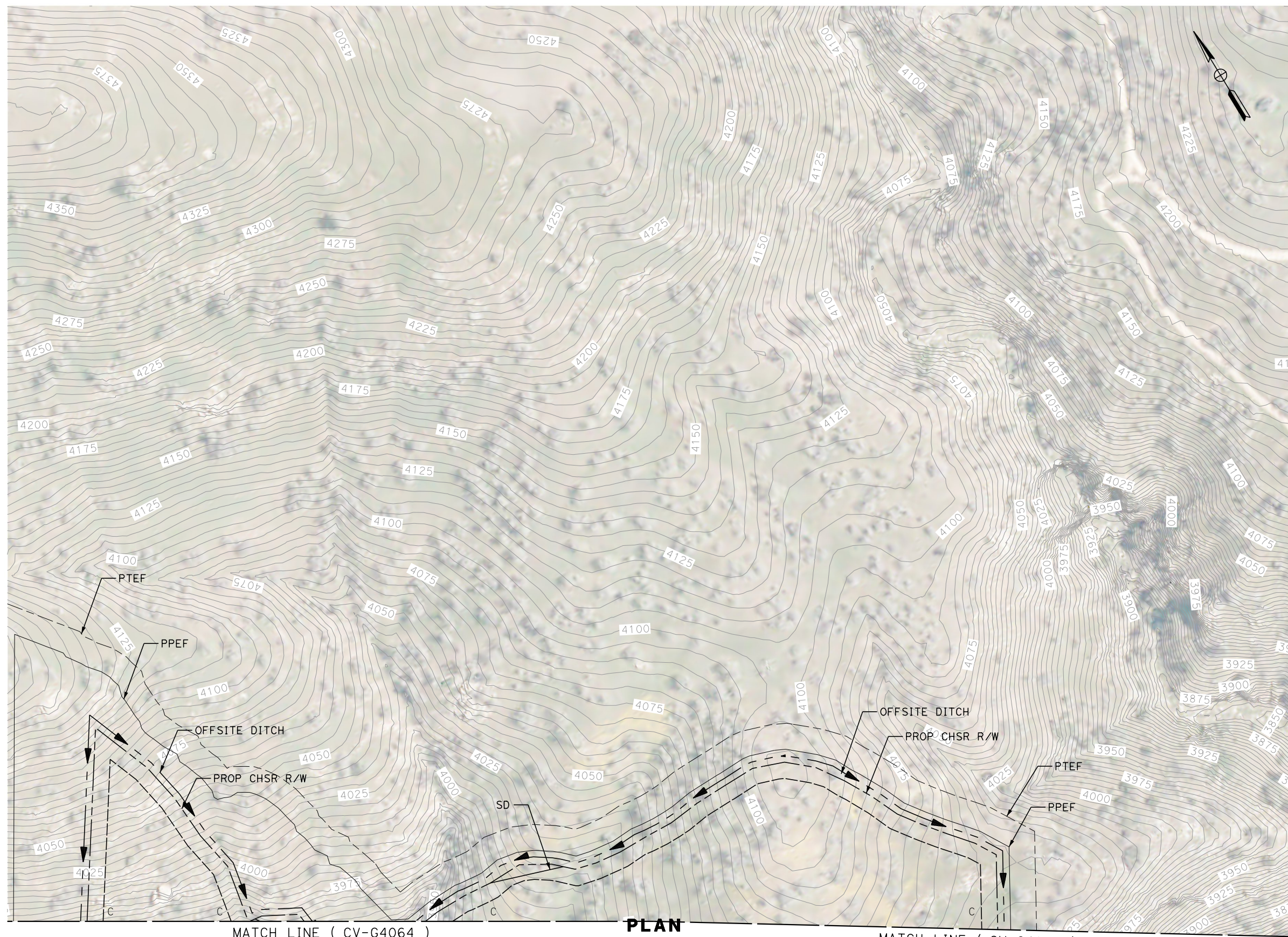


**CALIFORNIA HIGH-SPEED RAIL PROJECT  
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,3,5  
GRADING AND DRAINAGE  
PLAN  
STA 18672+50 TO 18697+50

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4171  
SCALE  
AS SHOWN  
SHEET NO.  
283





MATCH LINE ( CV-G4064 )

**PLAN**

MATCH LINE ( CV-G4065 )

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**G. YAMANAKA**  
DRAWN BY  
**V. CERON**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**G. CAMPBELL**  
DATE  
**01/29/2021**

**RECORD SET  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**

**TYLIN**INTERNATIONAL

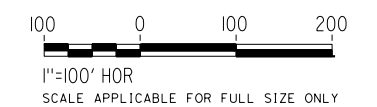


**CALIFORNIA**  
HIGH-SPEED RAIL AUTHORITY

**CALIFORNIA HIGH-SPEED RAIL PROJECT  
BAKERSFIELD TO PALMDALE**  
ALTERNATIVE 1,2,3,5  
GRADING AND DRAINAGE  
PLAN  
STA 18872+50 TO 18897+50

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4172  
SCALE  
AS SHOWN  
SHEET NO.  
284





MATCH LINE ( CV-G4070 )

**PLAN**

MATCH LINE ( CV-G4070 )

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**G. YAMANAKA**  
DRAWN BY  
**V. CERON**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**G. CAMPBELL**  
DATE  
**01/29/2021**

**RECORD SET  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**

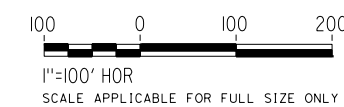
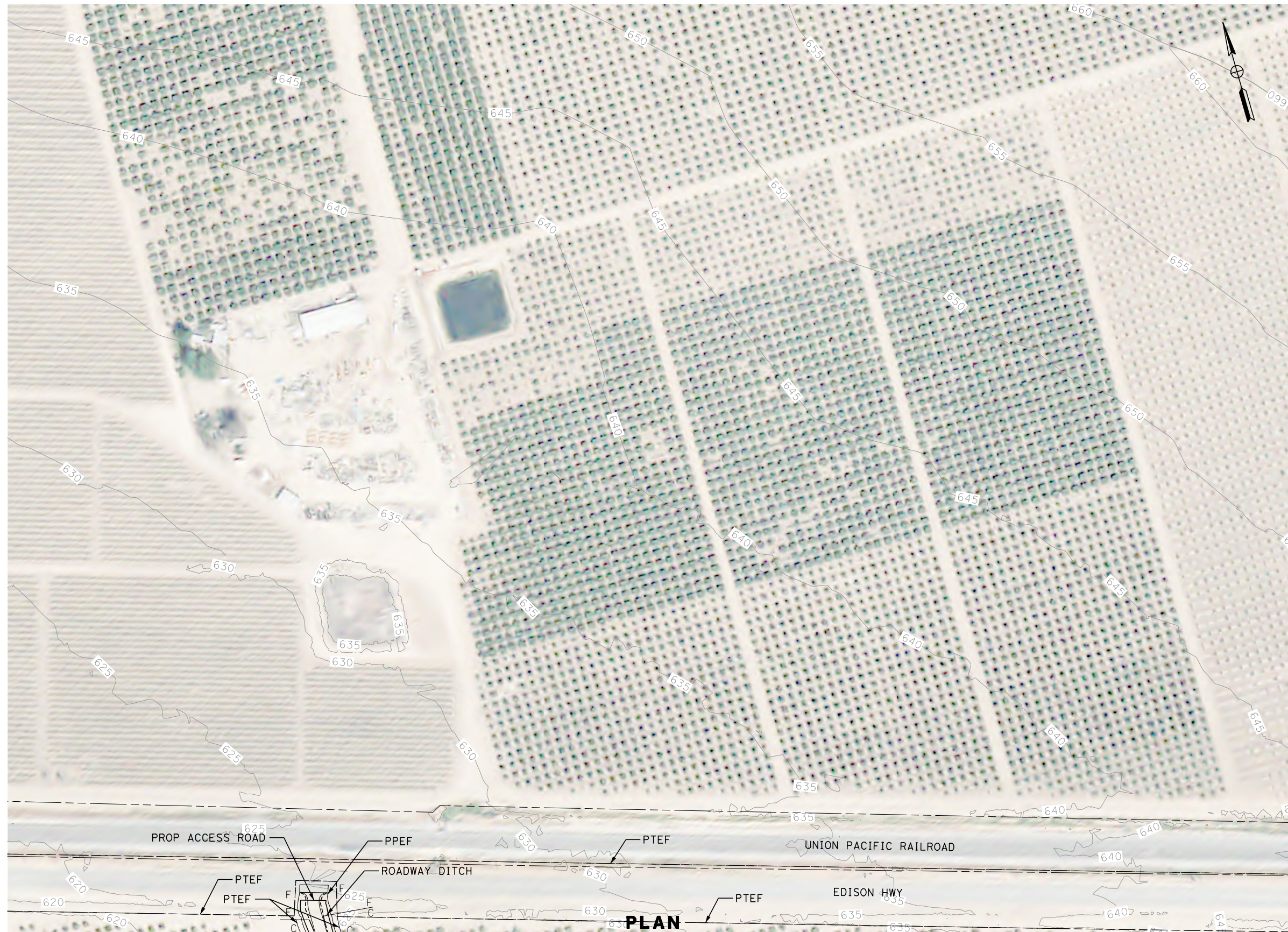


**CALIFORNIA HIGH-SPEED RAIL PROJECT  
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,3,5  
GRADING AND DRAINAGE  
PLAN  
STA 18997+50 TO 19022+50

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4173  
SCALE  
AS SHOWN  
SHEET NO.  
285





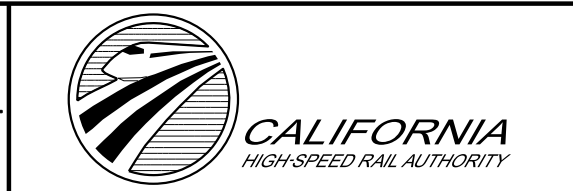
MATCH LINE STA ( CV-G4013 )

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**G. YAMANAKA**  
DRAWN BY  
**V. CERON**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**G. CAMPBELL**  
DATE  
**01/29/2021**

**RECORD SET  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**

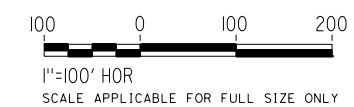
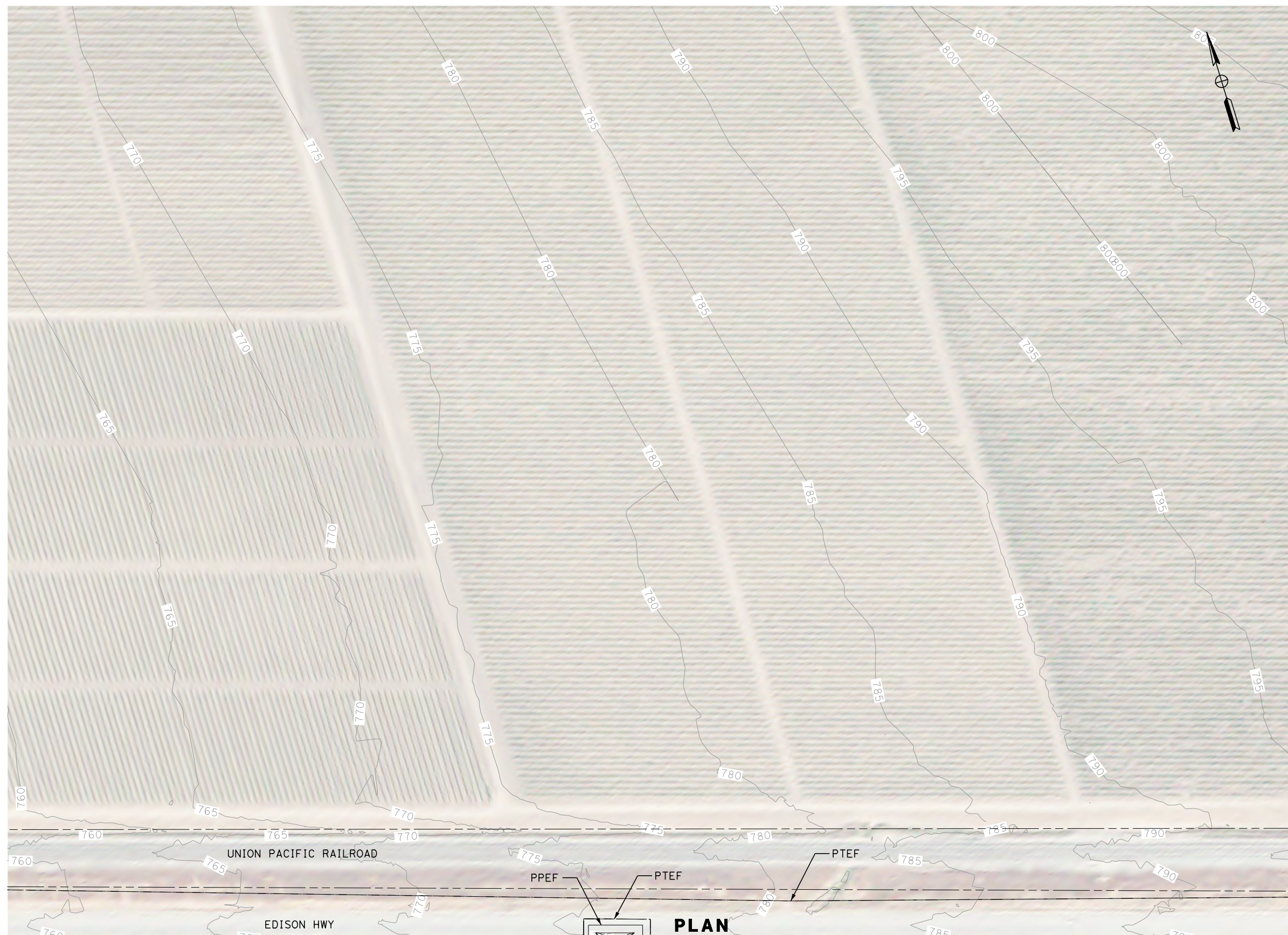


**CALIFORNIA HIGH-SPEED RAIL PROJECT  
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,5  
GRADING AND DRAINAGE  
PLAN  
ACCESS ROAD STA 17596+00

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4174  
SCALE  
AS SHOWN  
SHEET NO.  
286



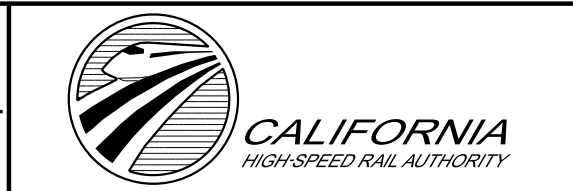


REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**G. YAMANAKA**  
DRAWN BY  
**V. CERON**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**G. CAMPBELL**  
DATE  
**01/29/2021**

**RECORD SET  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT  
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,5  
GRADING AND DRAINAGE  
PLAN  
ACCESS ROAD STA 17711+00

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4175  
SCALE  
AS SHOWN  
SHEET NO.  
287



Projects\701206.00\_CHSRBP\00\_CADD\Sheet\_Files\CV\G\BP-CV-G4176

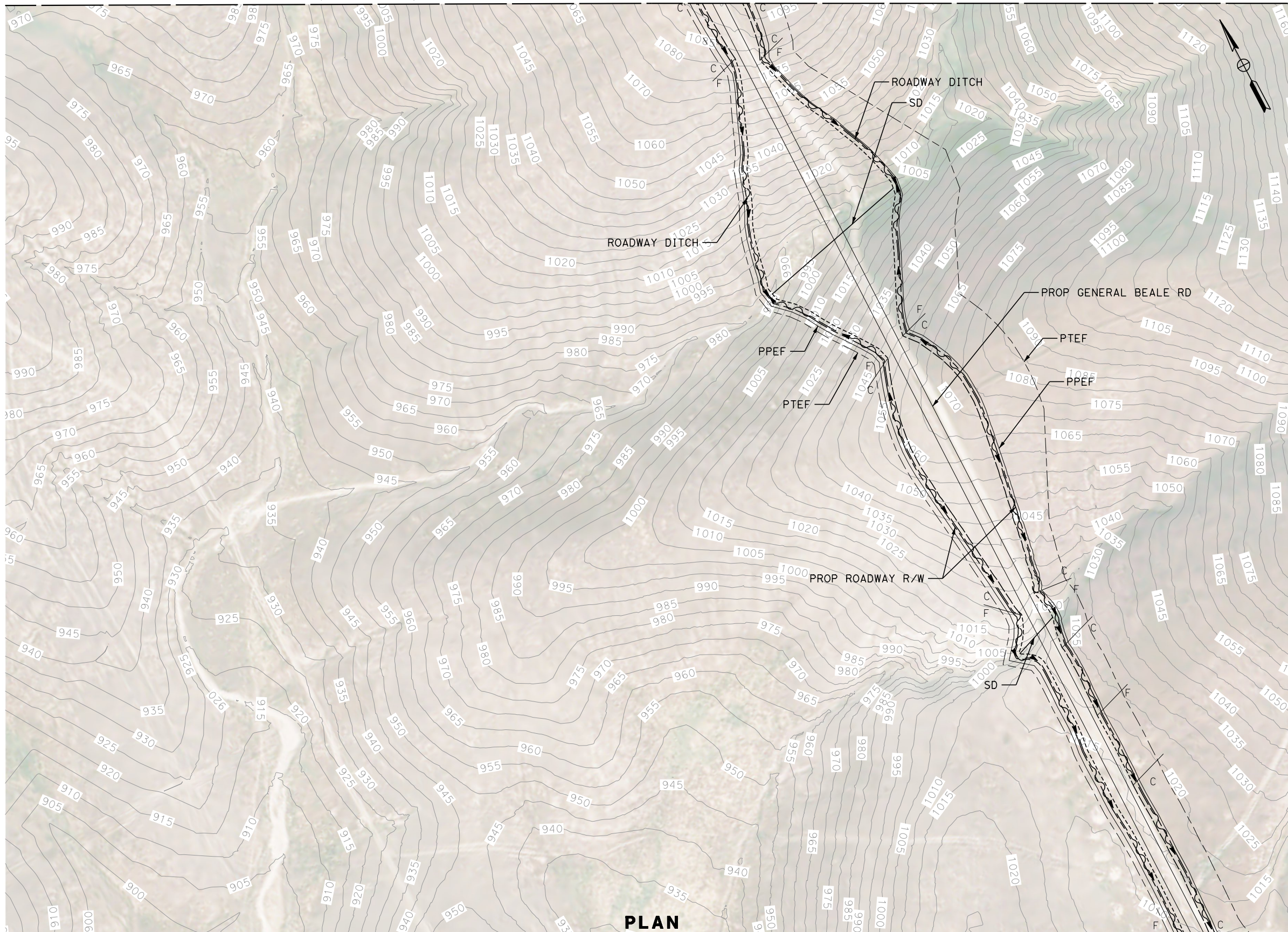
5:53:29 AM

1/14/2021

Glenn.Yamanaka@tylin.com

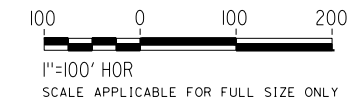
MATCH LINE ( CV-G4025 )

MATCH LINE ( CV-G4026 )



**PLAN**

MATCH LINE ( CV-G4177 )



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**G. YAMANAKA**  
DRAWN BY  
**V. CERON**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**G. CAMPBELL**  
DATE  
**01/29/2021**

**RECORD SET  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT  
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,5  
GRADING AND DRAINAGE  
PLAN  
ACCESS ROAD STA 17907+00

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4176  
SCALE  
AS SHOWN  
SHEET NO.  
288



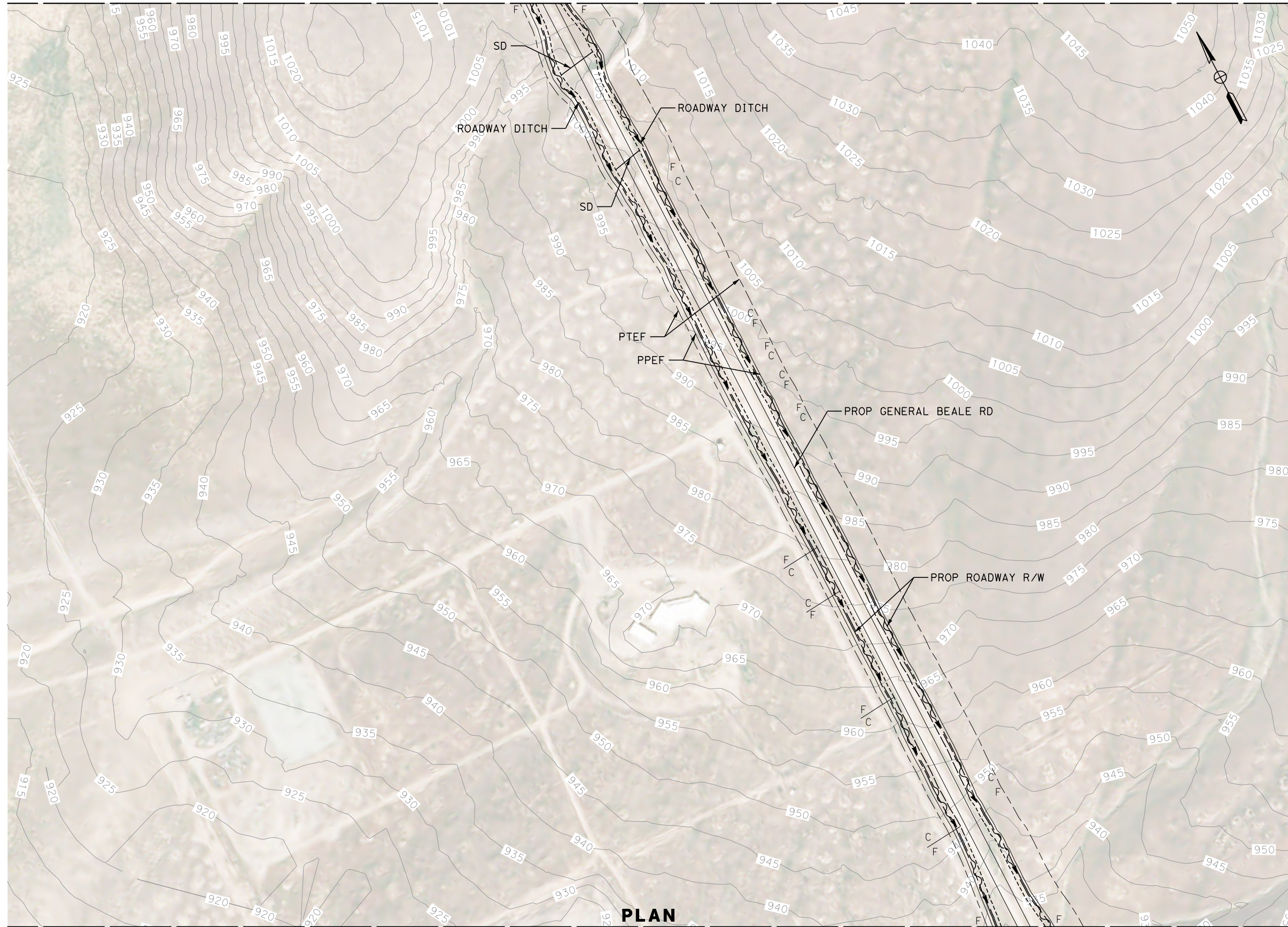
Projects\701206.00\_CHSRBP\00\_CADD\Sheet\_Files\CV\G\BP-CV-G4177

5:49:05 AM

1/14/2021

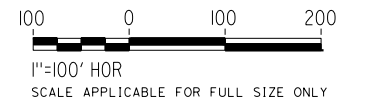
Glenn.Yamanaka@tylin.com

MATCH LINE ( CV-G4176 )



**PLAN**

MATCH LINE ( CV-G4178 )



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**G. YAMANAKA**  
DRAWN BY  
**V. CERON**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**G. CAMPBELL**  
DATE  
**01/29/2021**

**RECORD SET  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT  
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,5  
GRADING AND DRAINAGE  
PLAN  
ACCESS ROAD STA 17907+00

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4177  
SCALE  
AS SHOWN  
SHEET NO.  
289



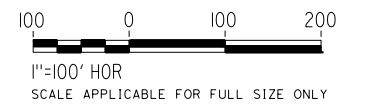
Projects\701206\_00\_CHSRBP\00\_CADD\Sheet\_Files\CV\G\BP-CV-G4178

5:51:43 AM

1/14/2021

Glenn.Yamanaka@tylin.com

MATCH LINE ( CV-G4177 )



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**G. YAMANAKA**  
DRAWN BY  
**V. CERON**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**G. CAMPBELL**  
DATE  
**01/29/2021**

**RECORD SET  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT  
BAKERSFIELD TO PALMDALE**

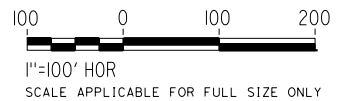
ALTERNATIVE 1,2,5  
GRADING AND DRAINAGE  
PLAN  
ACCESS ROAD STA 17907+00

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4178  
SCALE  
AS SHOWN  
SHEET NO.  
290



MATCH LINE ( CV-G4047 )

MATCH LINE ( CV-G4048 )



**PLAN**

Projects\701206.00\_CHSRBP\00\_CADD\Sheet\_Files\CV\G\BP-CV-G4180

5:52:06 AM

1/14/2021

Glenn.Yamanaka@tylin.com

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**G. YAMANAKA**

DRAWN BY  
**V. CERON**

CHECKED BY  
**G. CAMPBELL**

IN CHARGE  
**G. CAMPBELL**

DATE  
**01/29/2021**

**RECORD SET  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT  
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,3,5  
GRADING AND DRAINAGE  
PLAN  
ACCESS ROAD STA 18457+00

CONTRACT NO.  
HSR13-44

DRAWING NO.  
CV-G4180

SCALE  
AS SHOWN

SHEET NO.  
291

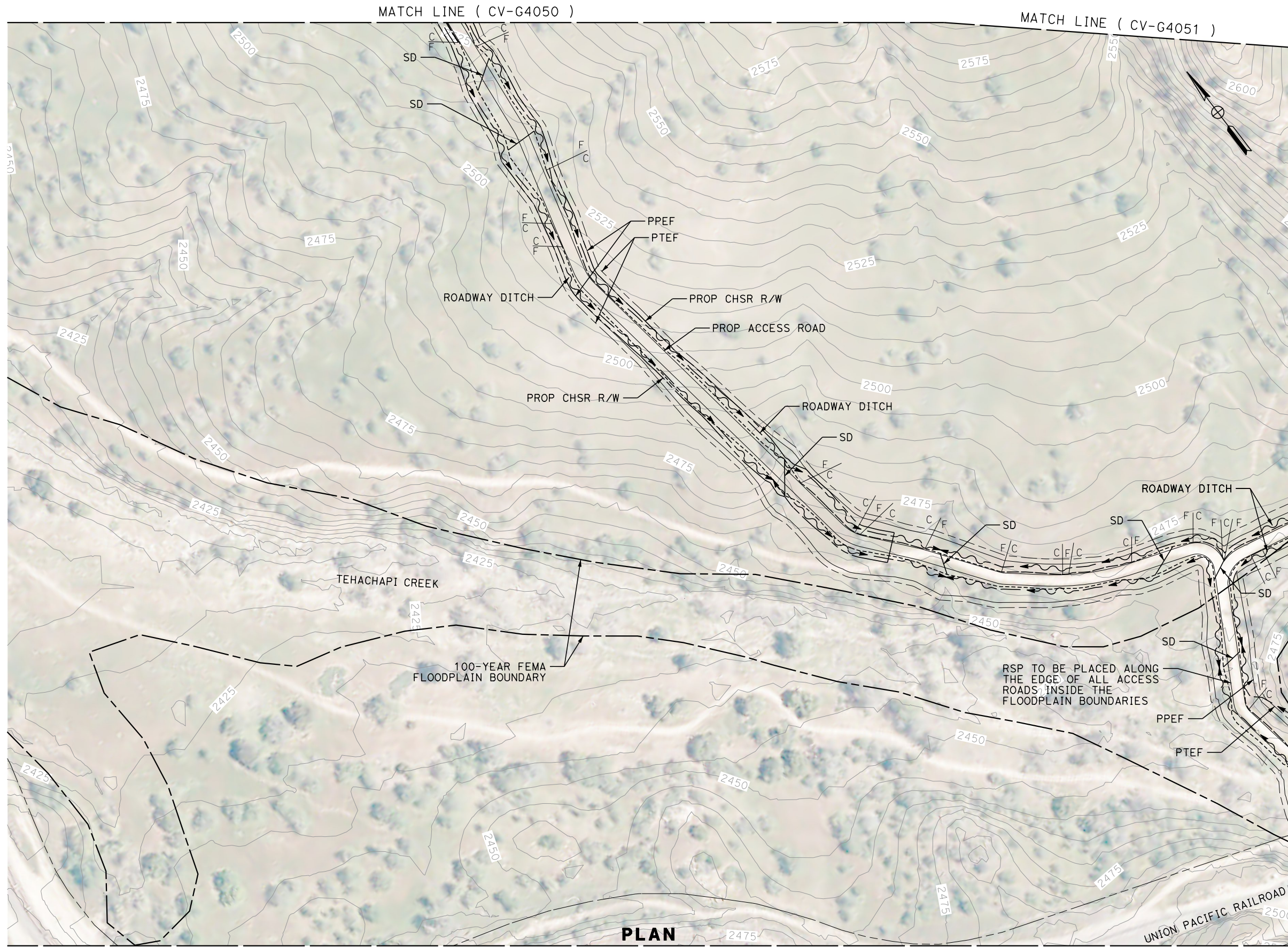


Projects\701206\_00\_CHSRBP\00\_CADD\Sheet\_Files\CV\G\BP-CV-G4181

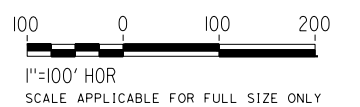
5:52:45 AM

1/14/2021

Glenn.Yamanaka@tylin.com



PLAN



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**G. YAMANAKA**

DRAWN BY  
**V. CERON**

CHECKED BY  
**G. CAMPBELL**

IN CHARGE  
**G. CAMPBELL**

DATE  
**01/29/2021**

**RECORD SET  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT  
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,3,5  
GRADING AND DRAINAGE  
PLAN  
ACCESS ROAD STA 18516+00

CONTRACT NO.  
HSR13-44

DRAWING NO.  
CV-G4181

SCALE  
AS SHOWN

SHEET NO.  
292

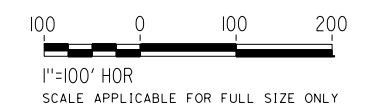
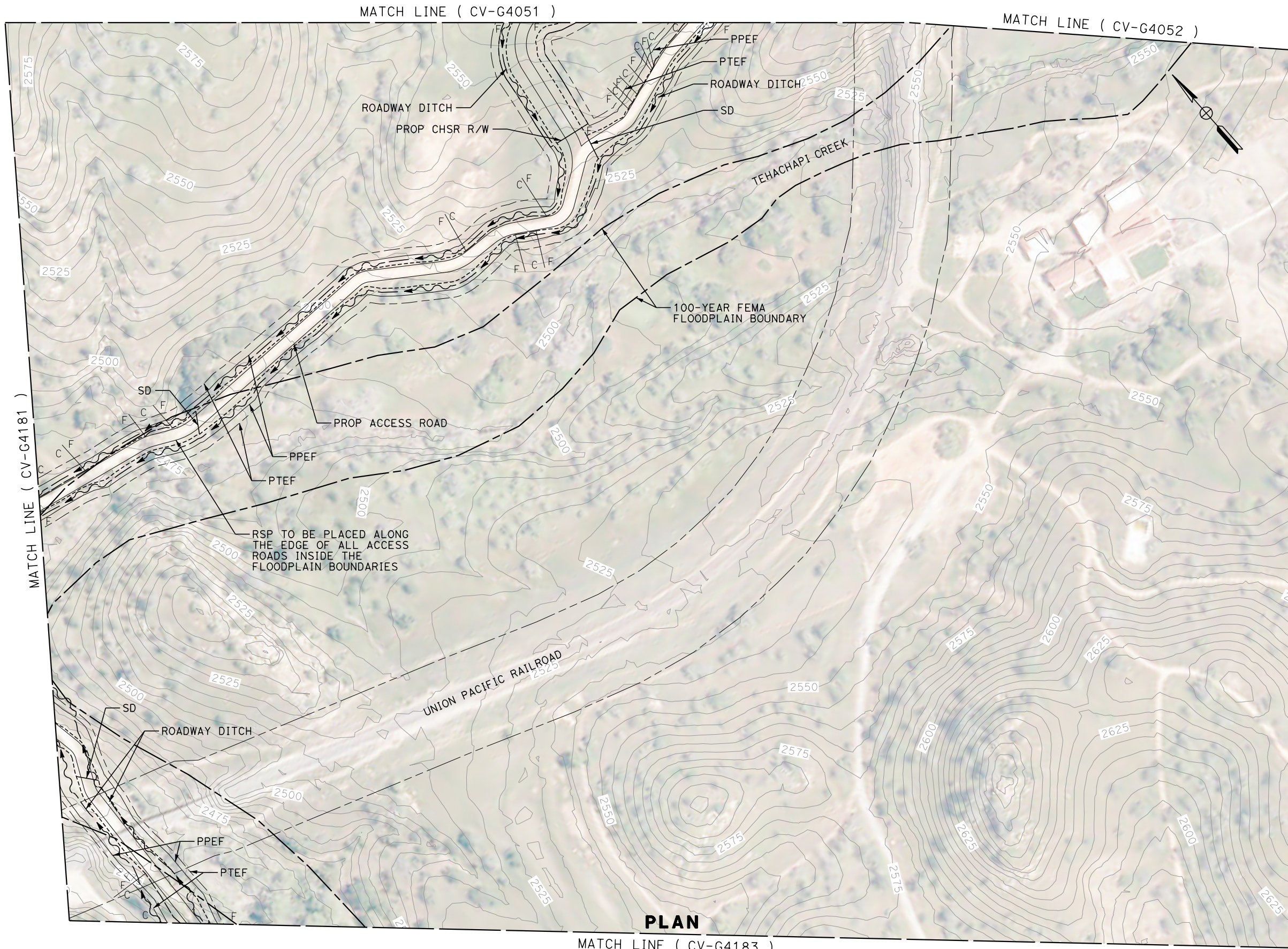


Projects\701206\_00\_CHSRBP\00\_CADD\Sheet Files\CV\G\BP-CV-G4182

5:47:10 AM

1/14/2021

Glenn.Yamanaka@tylin.com



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**G. YAMANAKA**

DRAWN BY  
**V. CERON**

CHECKED BY  
**G. CAMPBELL**

IN CHARGE  
**G. CAMPBELL**

DATE  
**01/29/2021**

**RECORD SET  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT  
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,3,5  
GRADING AND DRAINAGE  
PLAN  
ACCESS ROAD STA 18516+00

CONTRACT NO.  
HSR13-44

DRAWING NO.  
CV-G4182

SCALE  
AS SHOWN

SHEET NO.  
293

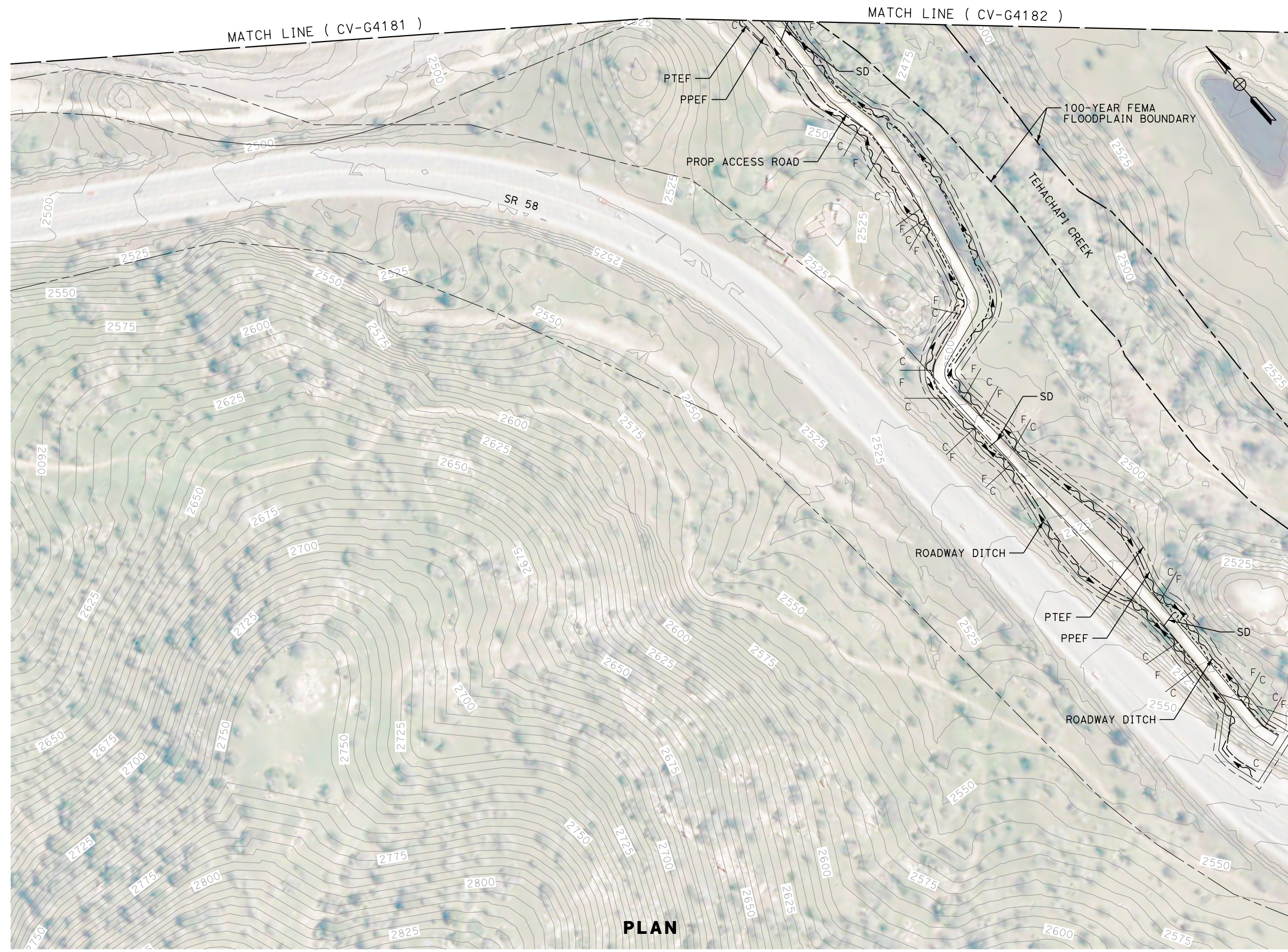


Projects\701206.00\_CHSRBP\00\_CADD\Sheet\_Files\CV\G\BP-CV-G4183

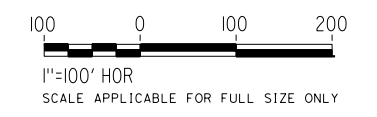
5:54:14 AM

1/14/2021

Glenn.Yamanaka@tylin.com



PLAN



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**G. YAMANAKA**  
DRAWN BY  
**V. CERON**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**G. CAMPBELL**  
DATE  
**01/29/2021**

**RECORD SET  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



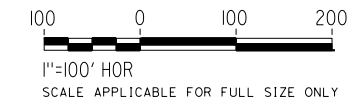
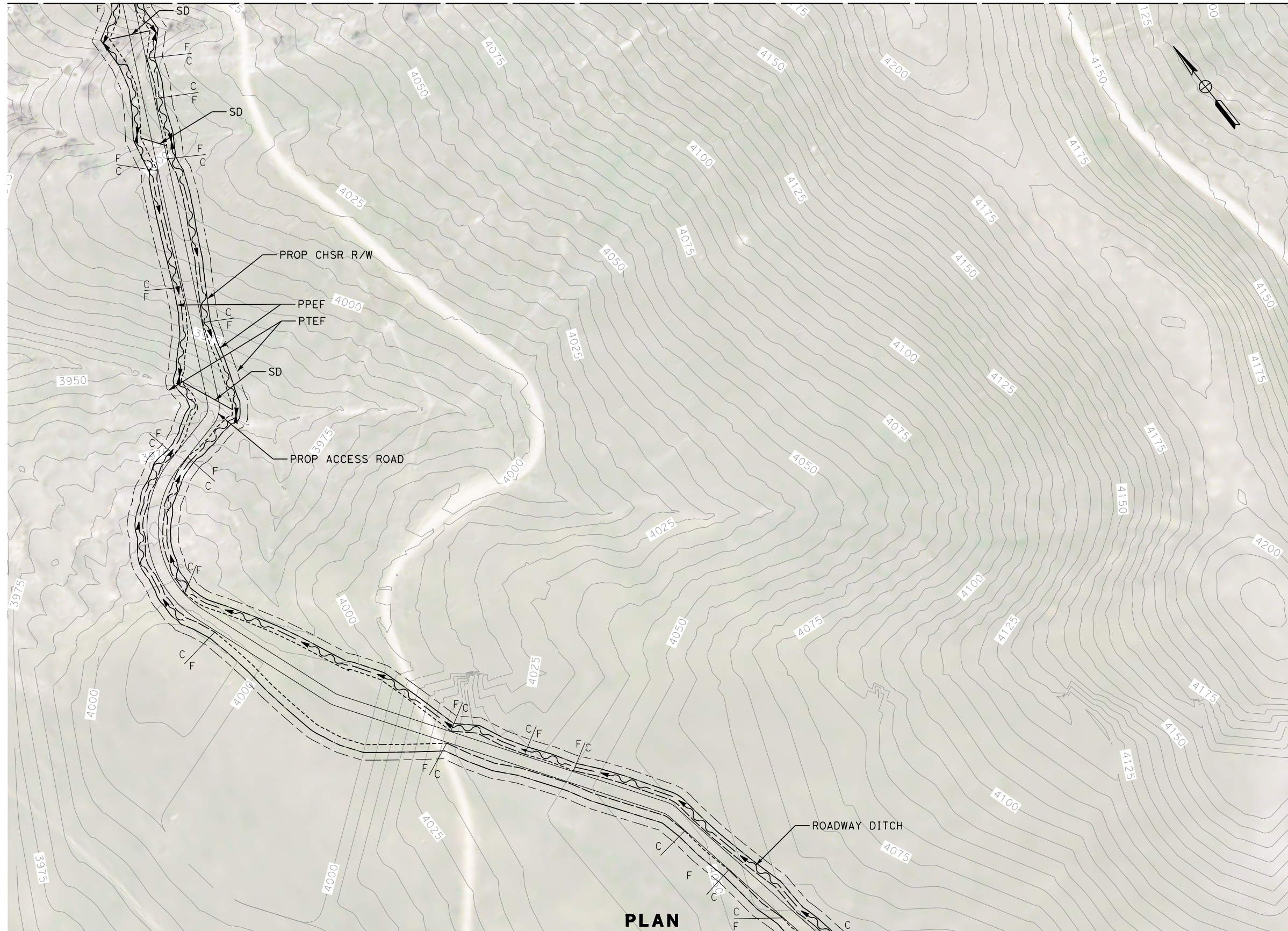
**CALIFORNIA HIGH-SPEED RAIL PROJECT  
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,3,5  
GRADING AND DRAINAGE  
PLAN  
ACCESS ROAD STA 18516+00

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4183  
SCALE  
AS SHOWN  
SHEET NO.  
294



MATCH LINE ( CV-G4068 )



**PLAN**

MATCH LINE ( CV-G4185 )

Projects\701206\_00\_CHSRBP\00\_CADD\Sheet\_Files\CV\G\BP-CV-G4184

5:50:02 AM

1/14/2021

Glenn.Yamanaka@tylin.com

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**G. YAMANAKA**  
DRAWN BY  
**V. CERON**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**G. CAMPBELL**  
DATE  
**01/29/2021**

**RECORD SET  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT  
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,3,5  
GRADING AND DRAINAGE  
PLAN  
ACCESS ROAD STA 18908+00

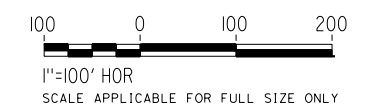
CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4184  
SCALE  
AS SHOWN  
SHEET NO.  
295



MATCH LINE ( CV-G4184 )



MATCH LINE ( CV-G4186 )



**PLAN**

Projects\701206.00\_CHSRBP\00\_CADD\Sheet\_Files\CV\G\BP-CV-G4185

5:52:39 AM

1/14/2021

Glenn.Yamanaka@tylin.com

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**G. YAMANAKA**  
DRAWN BY  
**V. CERON**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**G. CAMPBELL**  
DATE  
**01/29/2021**

**RECORD SET  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT  
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,3,5  
GRADING AND DRAINAGE  
PLAN  
ACCESS ROAD STA 18908+00

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4185  
SCALE  
AS SHOWN  
SHEET NO.  
296

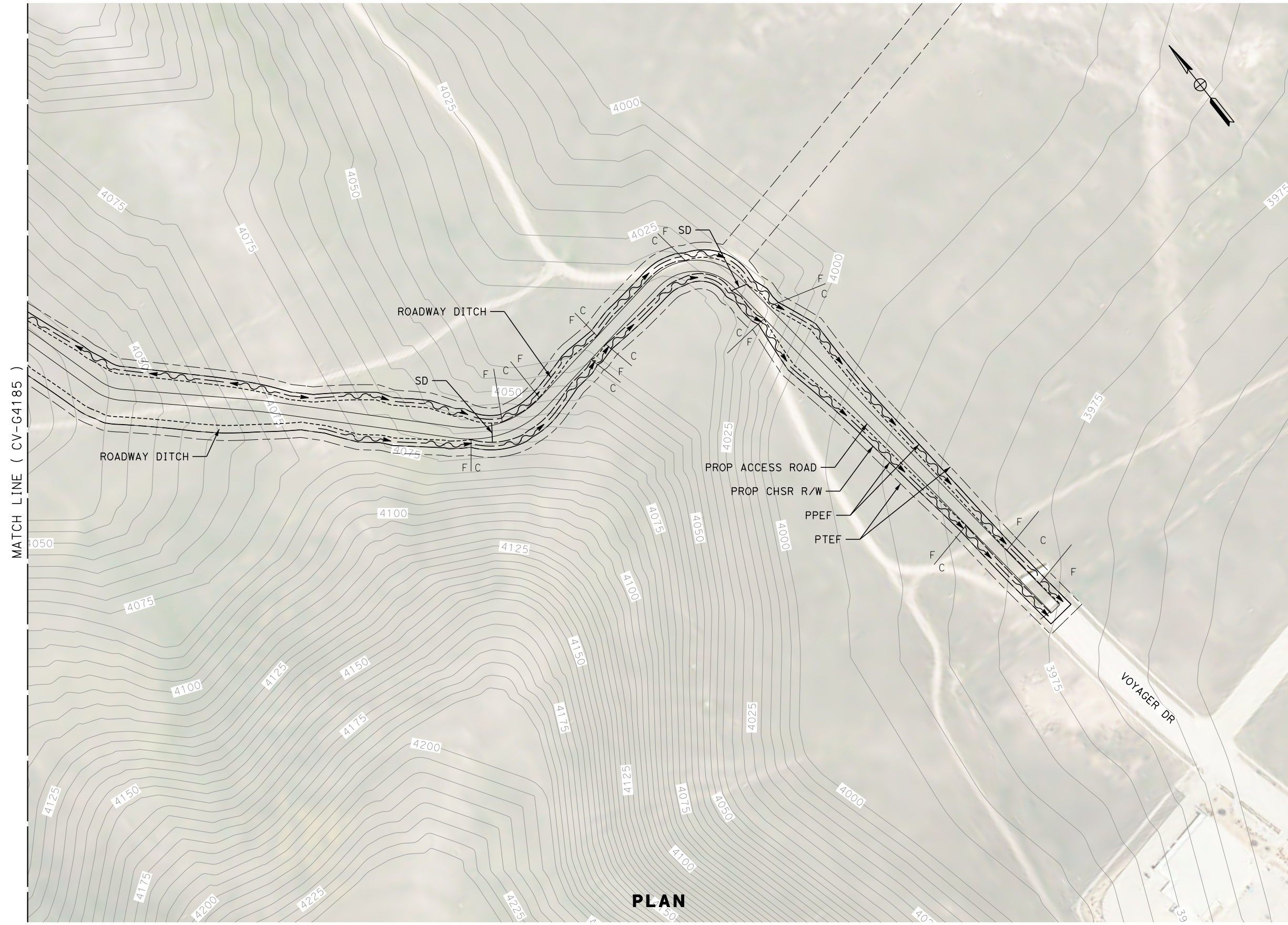


Projects\701206\_00\_CHSRBP\00\_CADD\Sheet\_Files\CV\G\BP-CV-G4186

5:51:30 AM

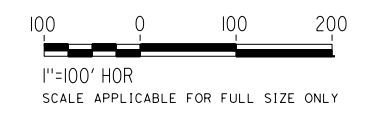
1/14/2021

Glenn.Yamanaka@tylin.com



MATCH LINE ( CV-G4185 )

PLAN



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**G. YAMANAKA**

DRAWN BY  
**V. CERON**

CHECKED BY  
**G. CAMPBELL**

IN CHARGE  
**G. CAMPBELL**

DATE  
**01/29/2021**

**RECORD SET  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT  
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,3,5  
GRADING AND DRAINAGE  
PLAN  
ACCESS ROAD STA 18908+00

CONTRACT NO.  
HSR13-44

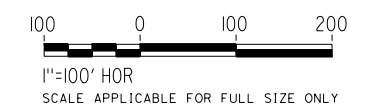
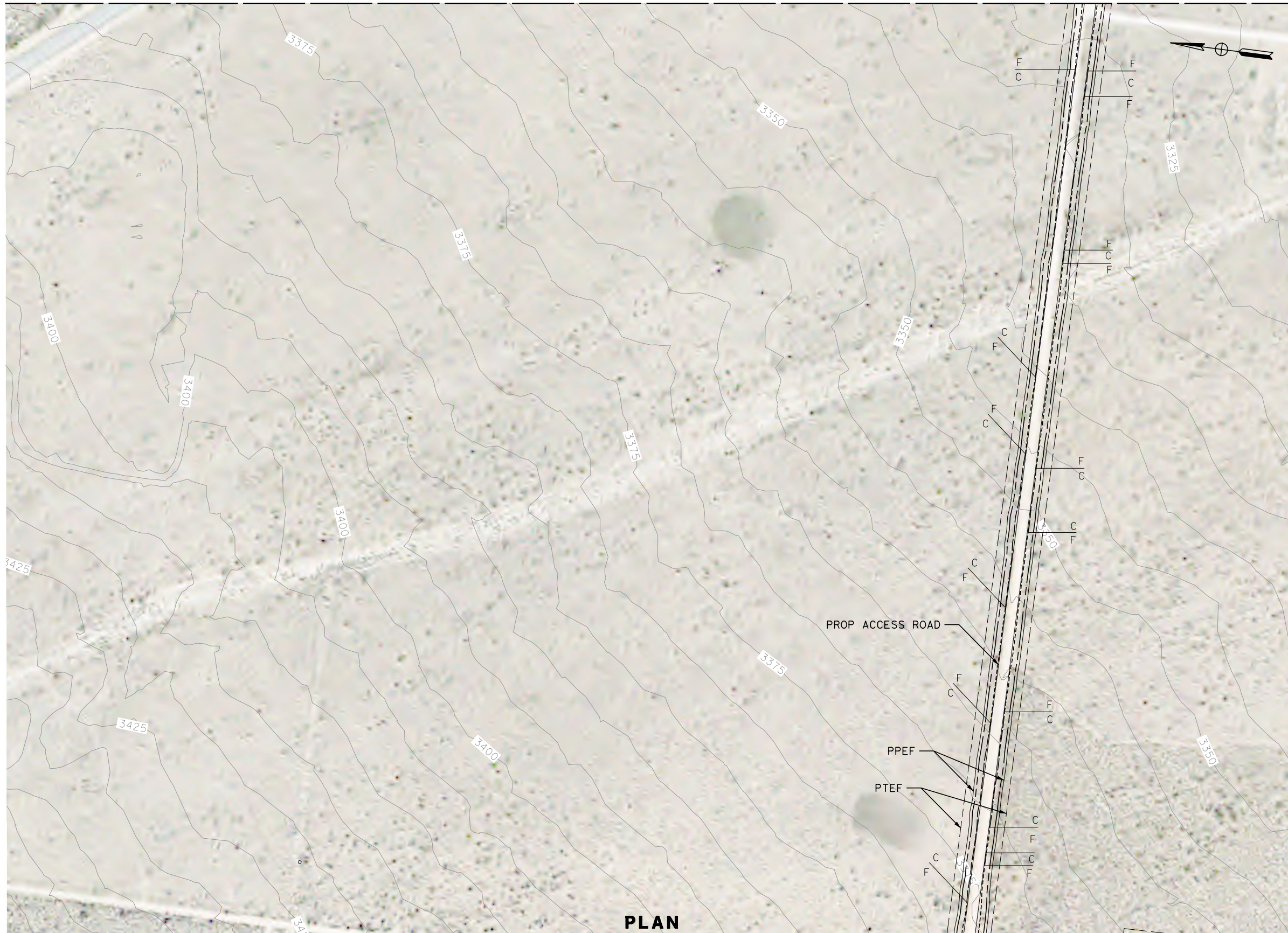
DRAWING NO.  
CV-G4186

SCALE  
AS SHOWN

SHEET NO.  
297



MATCH LINE ( CV-G4190 )



MATCH LINE ( CV-G4098 )

**PLAN**

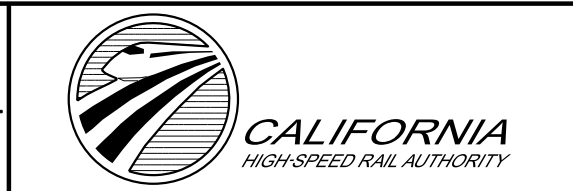
Projects\701206\_00\_CHSRBP\00\_CADD\Sheet\_Files\CV\G\BP-CV-G4189 1/14/2021 5:52:12 AM Glenn.Yamanaka@tylin.com

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**G. YAMANAKA**  
DRAWN BY  
**V. CERON**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**G. CAMPBELL**  
DATE  
**01/29/2021**

**RECORD SET  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT  
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,5  
GRADING AND DRAINAGE  
PLAN  
ACCESS ROAD STA 19755+00

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4189  
SCALE  
AS SHOWN  
SHEET NO.  
298



Projects\701206.00\_CHSRBP\00\_CADD\Sheet Files\CV\G\BP-CV-G4190

5:48:04 AM

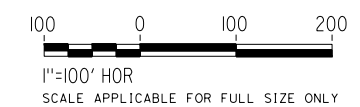
1/14/2021

Glenn.Yamanaka@tylin.com



**PLAN**

MATCH LINE ( CV-G4189 )



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**G. YAMANAKA**  
DRAWN BY  
**V. CERON**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**G. CAMPBELL**  
DATE  
**01/29/2021**

**RECORD SET  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**

**TYLIN INTERNATIONAL**



**CALIFORNIA HIGH-SPEED RAIL PROJECT  
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,5  
GRADING AND DRAINAGE  
PLAN  
ACCESS ROAD STA 19755+00

CONTRACT NO.  
**HSR13-44**

DRAWING NO.  
**CV-G4190**

SCALE  
**AS SHOWN**

SHEET NO.  
**299**



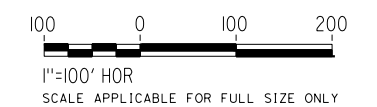
Projects\701206.00\_CHSRBP\00\_CADD\Sheet\_Files\CV\G\BP-CV-G4191

5:55:11 AM

1/14/2021

Glenn.Yamanaka@tylin.com

MATCH LINE ( CV-G4192 )



MATCH LINE ( CV-G4107 )

MATCH LINE ( CV-G4108 )

**PLAN**

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**G. YAMANAKA**  
DRAWN BY  
**V. CERON**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**G. CAMPBELL**  
DATE  
**01/29/2021**

**RECORD SET  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT  
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,5  
GRADING AND DRAINAGE  
PLAN  
ACCESS ROAD STA 19945+00

CONTRACT NO.  
**HSR13-44**

DRAWING NO.  
**CV-G4191**

SCALE  
**AS SHOWN**

SHEET NO.  
**300**



Projects\701206.00\_CHSRBP\00\_CADD\Sheet\_Files\CV\G\BP-CV-G4192

5:50:44 AM

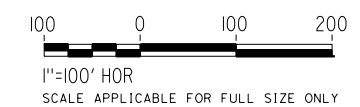
1/14/2021

Glenn.Yamanaka@tylin.com



**PLAN**

MATCH LINE ( CV-G4191 )



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**G. YAMANAKA**  
DRAWN BY  
**V. CERON**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**G. CAMPBELL**  
DATE  
**01/29/2021**

**RECORD SET  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT  
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,5  
GRADING AND DRAINAGE  
PLAN  
ACCESS ROAD STA 19945+00

CONTRACT NO.  
**HSR13-44**

DRAWING NO.  
**CV-G4192**

SCALE  
**AS SHOWN**

SHEET NO.  
**301**



Projects\701206.00\_CHSRBP\00\_CADD\Sheet\_Files\CV\G\BP-CV-G4193

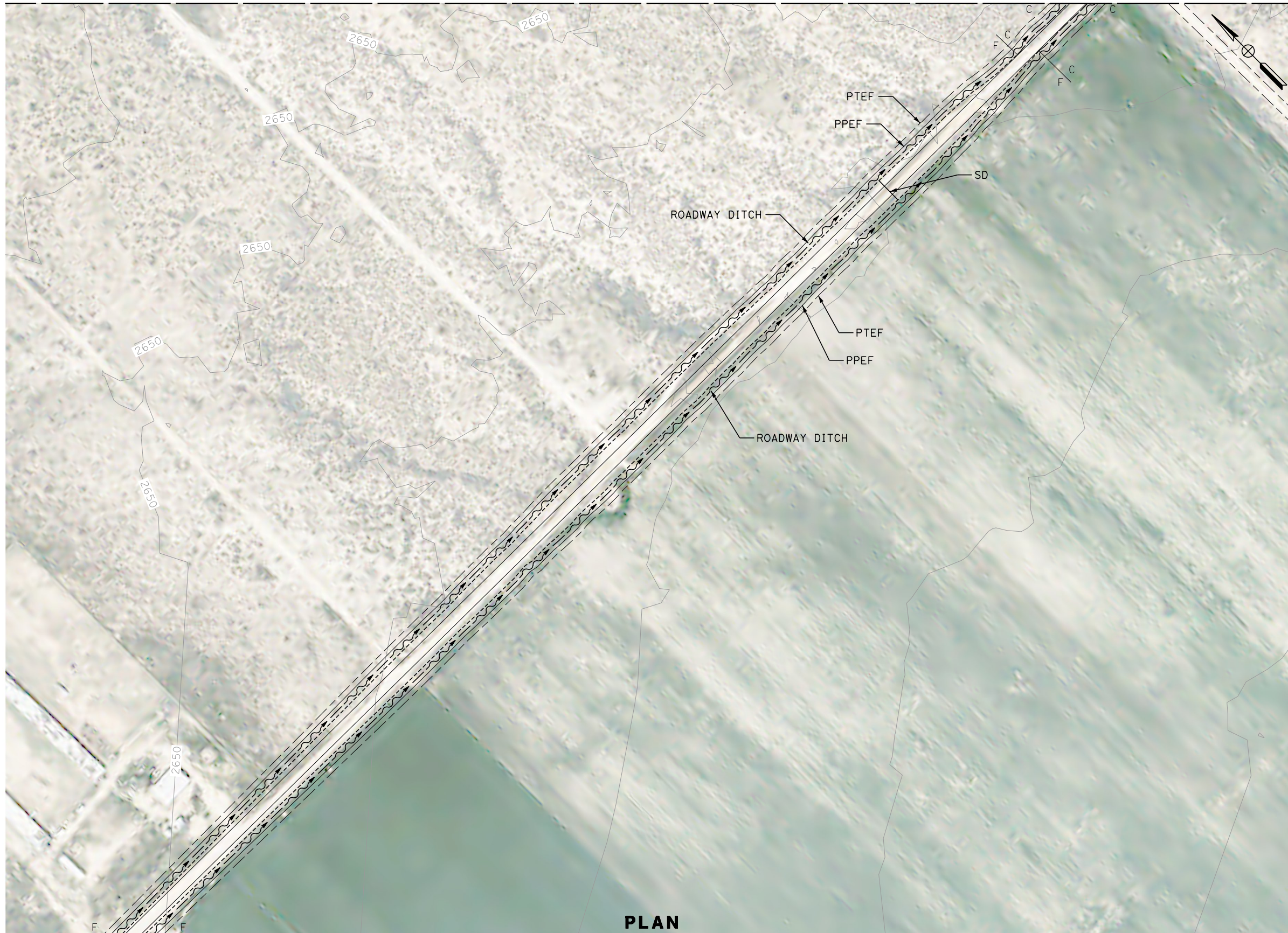
5:48:45 AM

1/14/2021

Glenn.Yamanaka@tylin.com

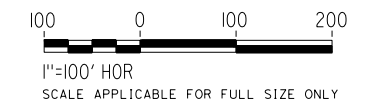
MATCH LINE ( CV-G4111 )

MATCH LINE ( CV-G4112 )



**PLAN**

MATCH LINE ( CV-G4194 )



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**G. YAMANAKA**  
DRAWN BY  
**V. CERON**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**G. CAMPBELL**  
DATE  
**01/29/2021**

**RECORD SET  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT  
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,3,5  
GRADING AND DRAINAGE  
PLAN  
ACCESS ROAD STA 20084+00

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4193  
SCALE  
AS SHOWN  
SHEET NO.  
302



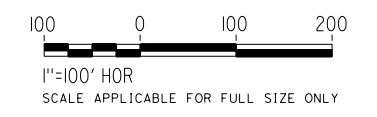
Projects\701206.00\_CHSRBP\00\_CADD\Sheet\_Files\CV\G\BP-CV-G4194

5:53:42 AM

1/14/2021

Glenn.Yamanaka@tylin.com

MATCH LINE ( CV-G4193 )



PLAN

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**G. YAMANAKA**  
DRAWN BY  
**V. CERON**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**G. CAMPBELL**  
DATE  
**01/29/2021**

**RECORD SET  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT  
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,3,5  
GRADING AND DRAINAGE  
PLAN  
ACCESS ROAD STA 20084+00

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4194  
SCALE  
AS SHOWN  
SHEET NO.  
303



Projects\701206\_00\_CHSRBP\00\_CADD\Sheet\_Files\CV\G\BP-CV-G4197

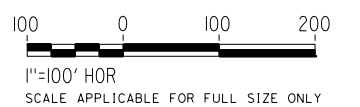
5:52:40 AM

1/14/2021

Glenn.Yamanaka@tylin.com



MATCH LINE ( CV-G4141 )



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**G. YAMANAKA**  
DRAWN BY  
**V. CERON**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**G. CAMPBELL**  
DATE  
**01/29/2021**

**RECORD SET  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT  
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,3  
GRADING AND DRAINAGE  
PLAN  
ROAD CROSSING STA 20806+00

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4197  
SCALE  
AS SHOWN  
SHEET NO.  
304



Projects\701206\_00\_CHSRBP\00\_CADD\Sheet Files\CV\G\BP-CV-G4198

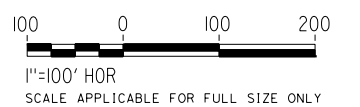
5:53:05 AM

1/14/2021

Glenn.Yamanaka@tylin.com



**PLAN**



MATCH LINE ( CV-G4142 )

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**G. YAMANAKA**  
DRAWN BY  
**V. CERON**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**G. CAMPBELL**  
DATE  
**01/29/2021**

**RECORD SET  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**

**TYLIN INTERNATIONAL**



**CALIFORNIA HIGH-SPEED RAIL PROJECT  
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,3  
GRADING AND DRAINAGE  
PLAN  
ROAD CROSSING STA 20806+00

CONTRACT NO.  
**HSR13-44**

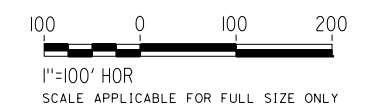
DRAWING NO.  
**CV-G4198**

SCALE  
**AS SHOWN**

SHEET NO.  
**305**



MATCH LINE ( CV-G4141 )



**PLAN**

Projects\701206.00\_CHSRBP\00\_CADD\Sheet Files\CV\G\BP-CV-G4199  
 1/14/2021 5:54:10 AM  
 Glenn.Yamanaka@tylin.com

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**G. YAMANAKA**  
 DRAWN BY  
**V. CERON**  
 CHECKED BY  
**G. CAMPBELL**  
 IN CHARGE  
**G. CAMPBELL**  
 DATE  
**01/29/2021**

**RECORD SET**  
**PEPD**  
**SUBMITTAL**  
  
**NOT FOR**  
**CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**BAKERSFIELD TO PALMDALE**  
 ALTERNATIVE 1,2,3  
 GRADING AND DRAINAGE  
 PLAN  
 ROAD CROSSING STA 20806+00

CONTRACT NO.  
**HSR13-44**  
 DRAWING NO.  
**CV-G4199**  
 SCALE  
**AS SHOWN**  
 SHEET NO.  
**306**



MATCH LINE ( CV-G4143 )

MATCH LINE ( CV-G4144 )



PLAN

Projects\701206\_00\_CHSRBP\00\_CADD\Sheet\_Files\CV\G\BP-CV-G4201

5:51:11 AM

1/14/2021

Glenn.Yamanaka@tylin.com

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**G. YAMANAKA**  
DRAWN BY  
**V. CERON**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**G. CAMPBELL**  
DATE  
**01/29/2021**

**RECORD SET  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



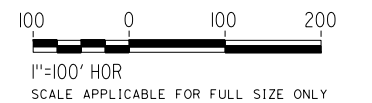
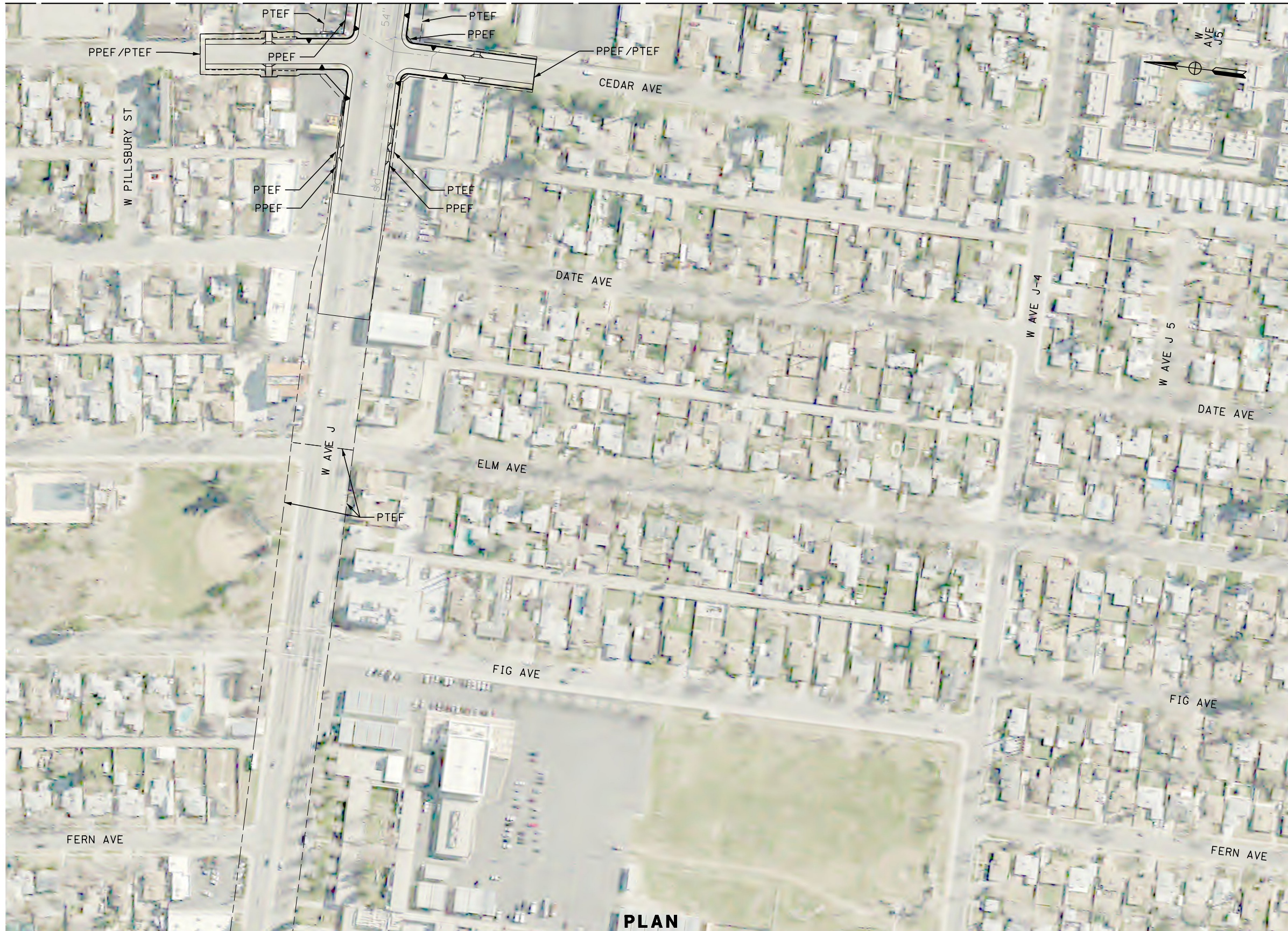
**CALIFORNIA HIGH-SPEED RAIL PROJECT  
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,3  
GRADING AND DRAINAGE  
PLAN  
ROAD CROSSING STA 20861+00

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4201  
SCALE  
AS SHOWN  
SHEET NO.  
307



MATCH LINE ( CV-G4148 )



Projects\701206\_00\_CHSRBP\00\_CADD\Sheet\_Files\CV\G\BP-CV-G4207

6:11:09 AM

1/14/2021

Glenn.Yamanaka@tylin.com

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**G. YAMANAKA**  
DRAWN BY  
**V. CERON**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**G. CAMPBELL**  
DATE  
**01/29/2021**

**RECORD SET  
PEPD  
SUBMITTAL**

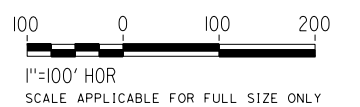
**NOT FOR  
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT  
BAKERSFIELD TO PALMDALE**  
ALTERNATIVE 1,2,3  
GRADING AND DRAINAGE  
PLAN  
ROAD CROSSING STA 20968+00

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4207  
SCALE  
AS SHOWN  
SHEET NO.  
308





MATCH LINE ( CV-G4150 )

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**G. YAMANAKA**  
DRAWN BY  
**V. CERON**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**G. CAMPBELL**  
DATE  
**01/29/2021**

**RECORD SET  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**

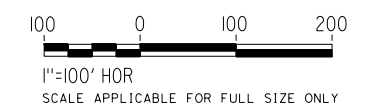


**CALIFORNIA HIGH-SPEED RAIL PROJECT  
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,3  
GRADING AND DRAINAGE  
PLAN  
ROAD CROSSING STA 21022+00

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4208  
SCALE  
AS SHOWN  
SHEET NO.  
309





MATCH LINE ( CV-G4154 )

MATCH LINE ( CV-G4155 )

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**G. YAMANAKA**  
DRAWN BY  
**V. CERON**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**G. CAMPBELL**  
DATE  
**01/29/2021**

**RECORD SET  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT  
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,3  
GRADING AND DRAINAGE  
PLAN  
ROAD CROSSING STA 21128+00

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4209  
SCALE  
AS SHOWN  
SHEET NO.  
310

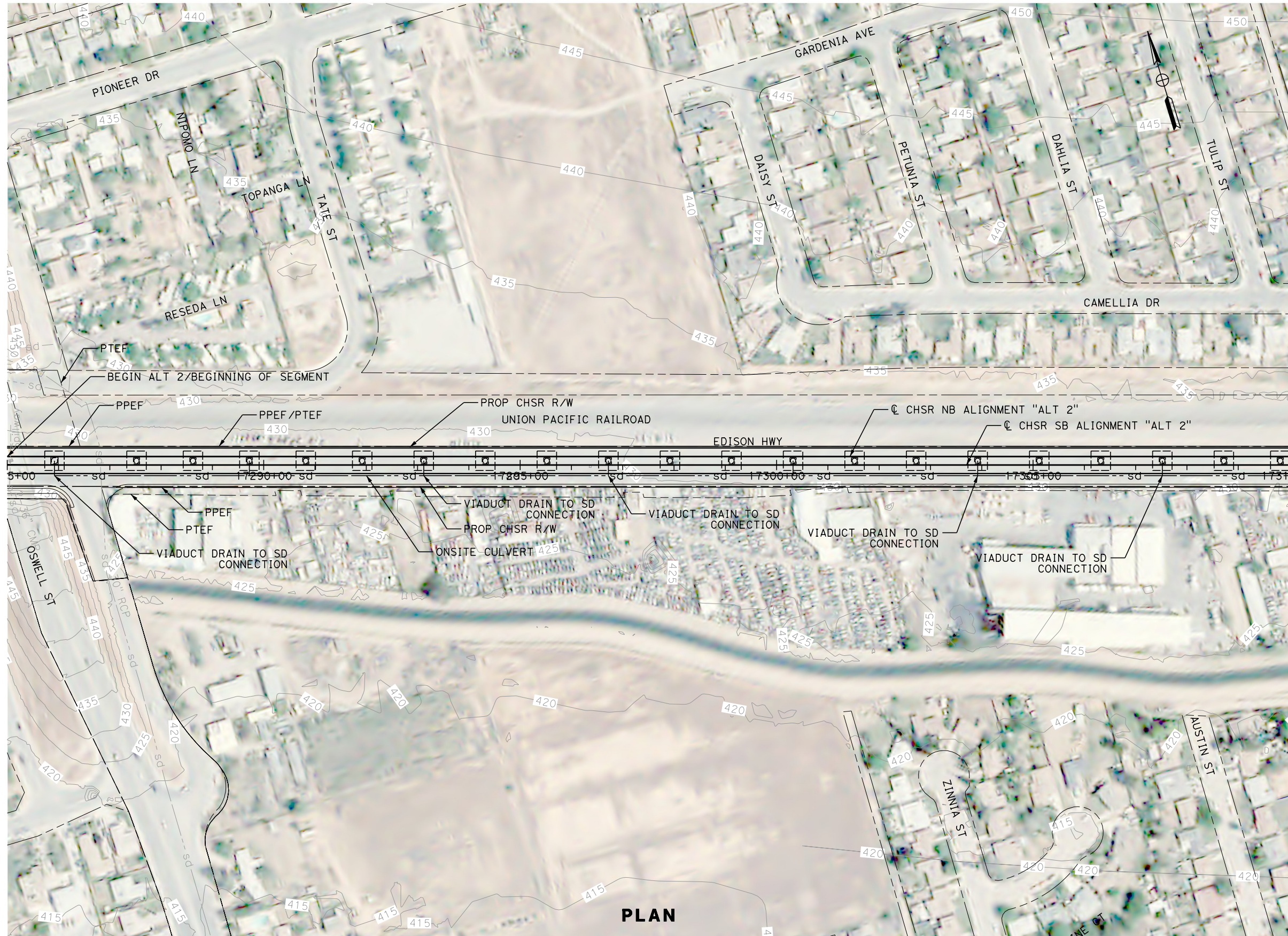


Projects\701206\_00\_CHSRBP\00\_CADD\Sheet\_Files\CV\G\BP-CV-G4301

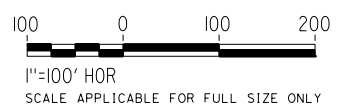
4:54:55 PM

1/13/2021

Glenn.Yamanaka@tylin.com



MATCH LINE ( CV-G4302 )



PLAN

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**G. YAMANAKA**  
DRAWN BY  
**V. CERON**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**G. CAMPBELL**  
DATE  
**01/29/2021**

**RECORD SET  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT  
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 2  
GRADING AND DRAINAGE  
PLAN  
STA 17285+00 TO 17310+00

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4301  
SCALE  
AS SHOWN  
SHEET NO.  
311

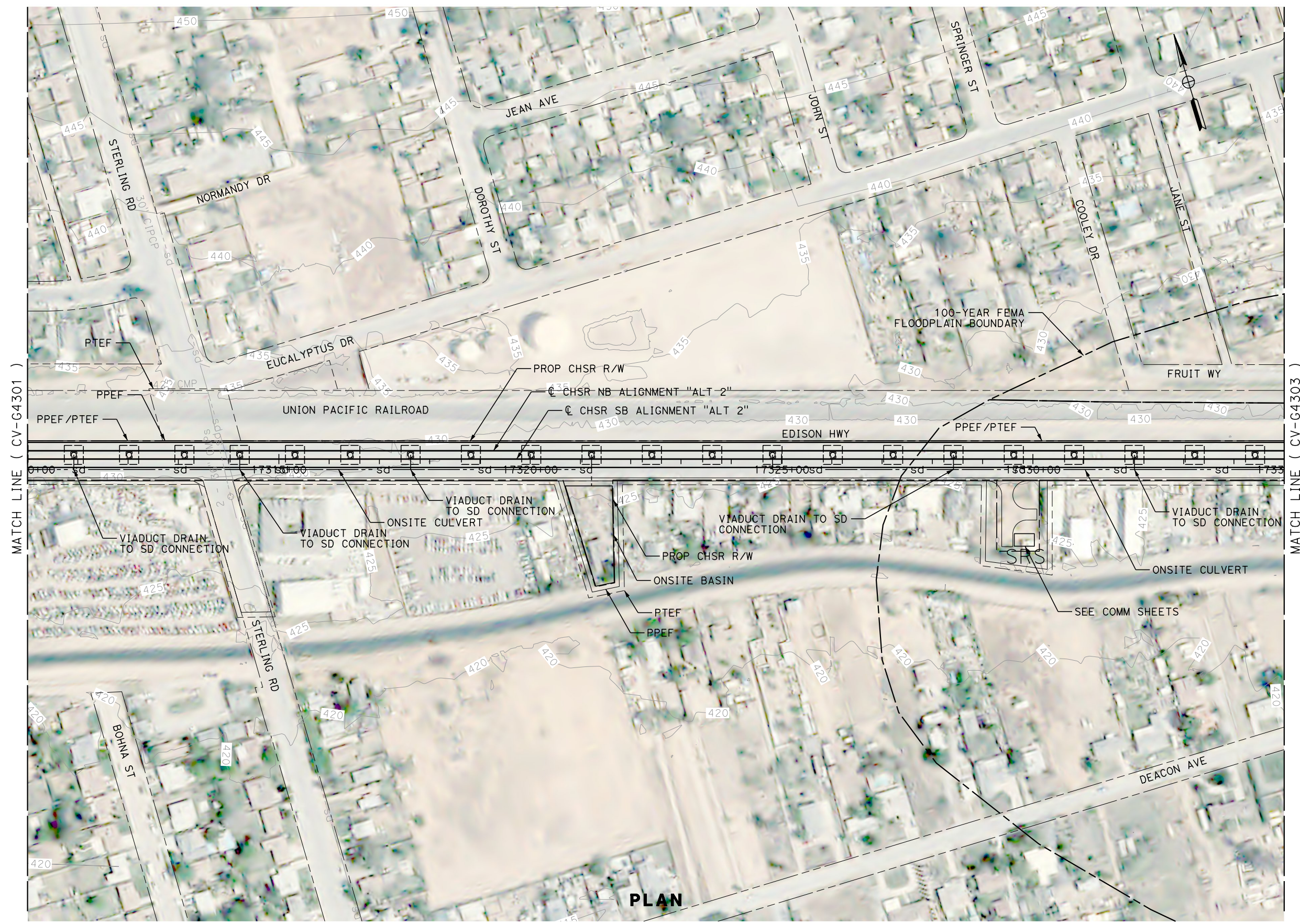


Projects\701206\_00\_CHSRBP\00\_CADD\Sheet\_Files\CV\G\BP-CV-G4302

4:56:06 PM

1/13/2021

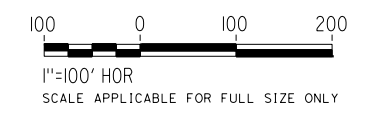
Glenn.Yamanaka@tylin.com



MATCH LINE ( CV-G4301 )

MATCH LINE ( CV-G4303 )

**PLAN**



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**G. YAMANAKA**  
DRAWN BY  
**V. CERON**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**G. CAMPBELL**  
DATE  
**12/21/2020**

**RECORD SET  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**

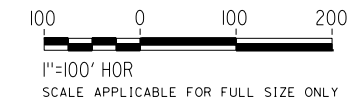
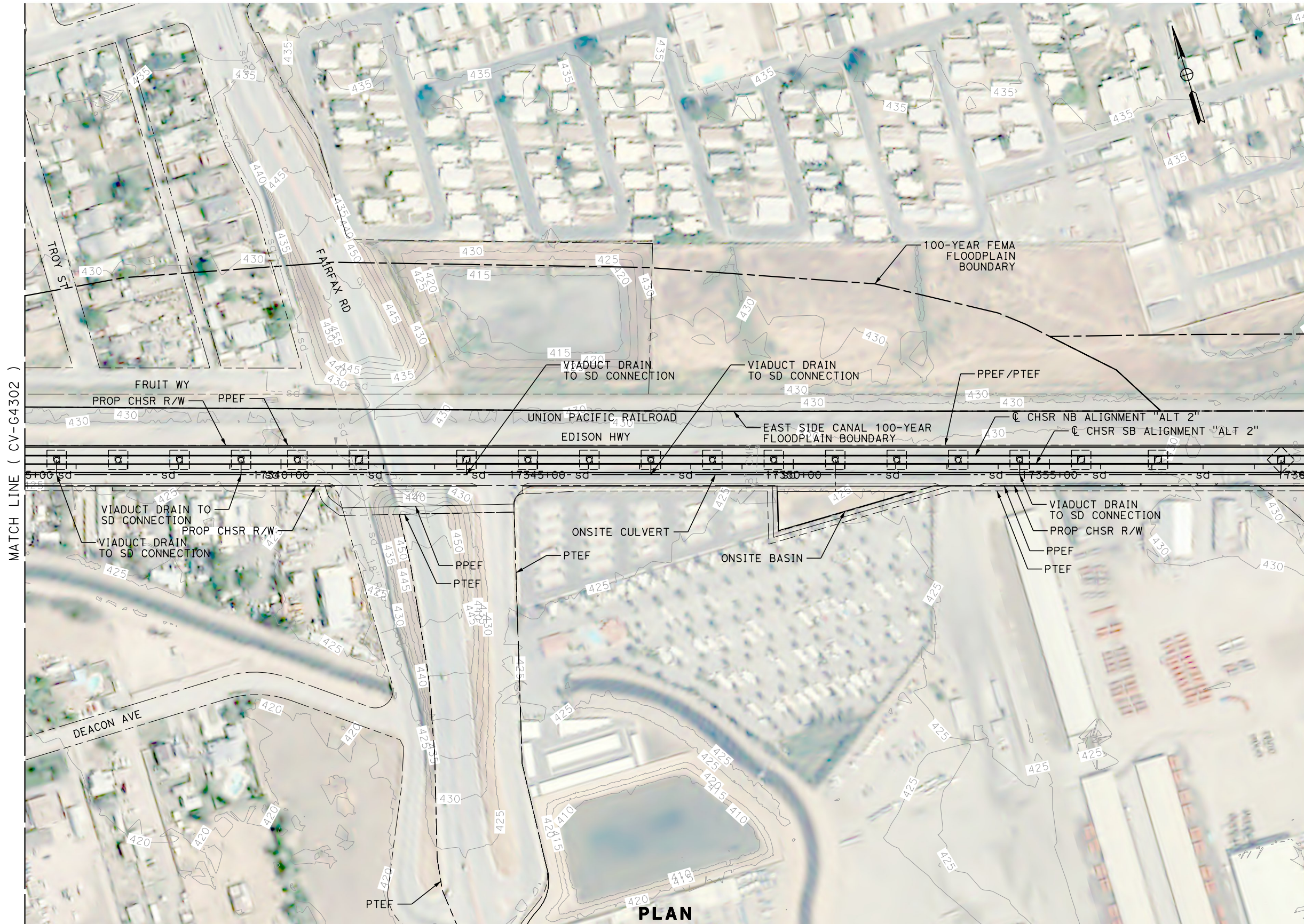


**CALIFORNIA HIGH-SPEED RAIL PROJECT  
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 2  
GRADING AND DRAINAGE  
PLAN  
STA 17310+00 TO 17335+00

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4302  
SCALE  
AS SHOWN  
SHEET NO.  
312





**PLAN**

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY <b>G. YAMANAKA</b>
DRAWN BY <b>V. CERON</b>
CHECKED BY <b>G. CAMPBELL</b>
IN CHARGE <b>G. CAMPBELL</b>
DATE <b>12/21/2020</b>

**RECORD SET  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT  
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 2  
GRADING AND DRAINAGE  
PLAN  
STA 17335+00 TO 17360+00

CONTRACT NO. HSR13-44
DRAWING NO. CV-G4303
SCALE AS SHOWN
SHEET NO. 313