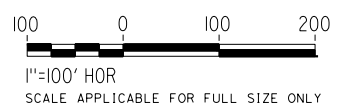


**PLAN**



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  
STA 18585+00 TO 18610+00

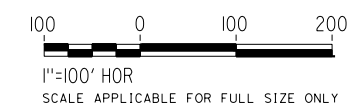
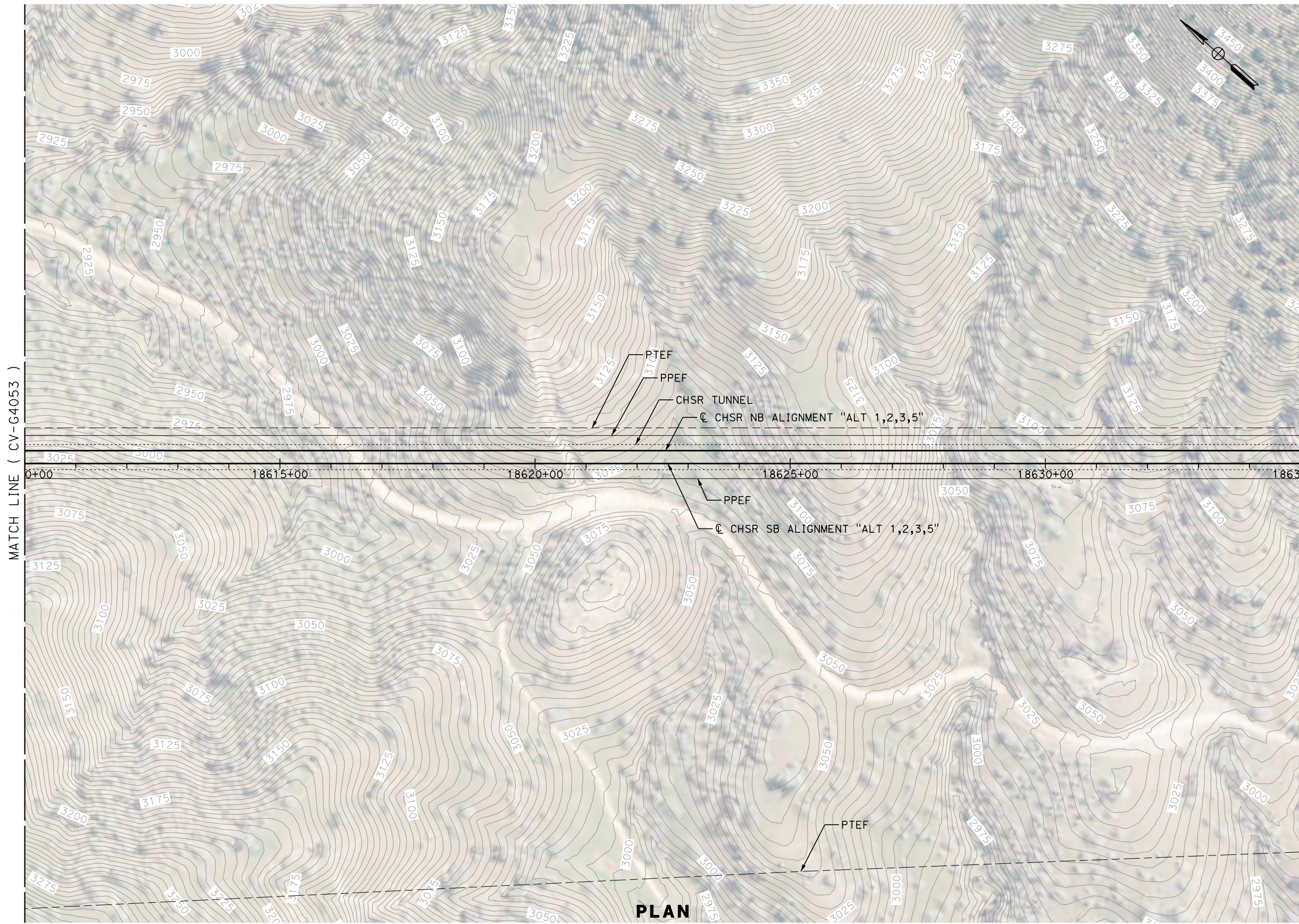
CONTRACT NO.  
**HSR13-44**

DRAWING NO.  
**CV-G4053**

SCALE  
**AS SHOWN**

SHEET NO.  
**164**



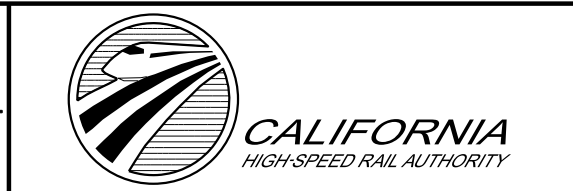


REV	DATE	BY	CHK	APP	DESCRIPTION

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**

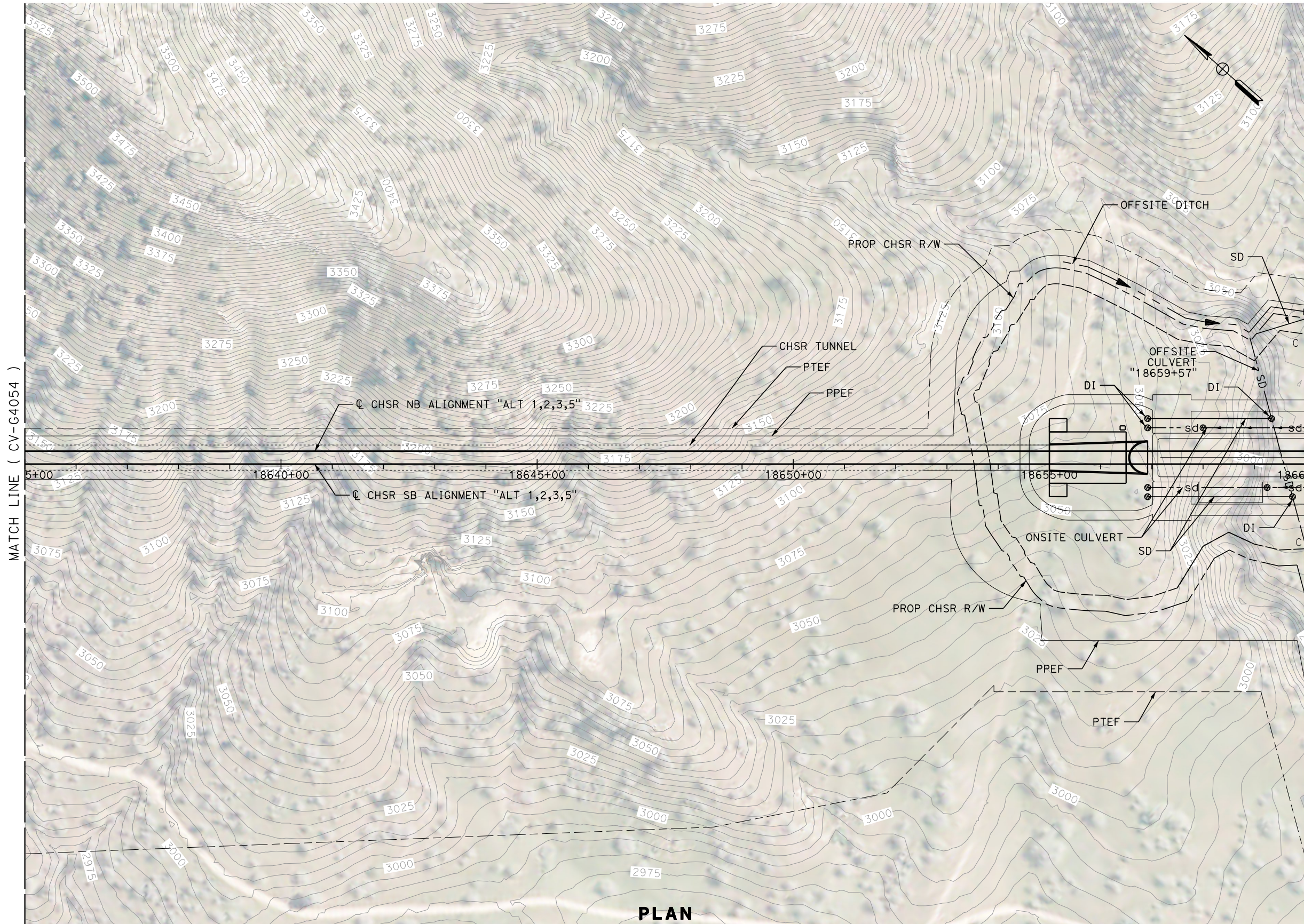


**CALIFORNIA HIGH-SPEED RAIL PROJECT  
BAKERSFIELD TO PALMDALE**

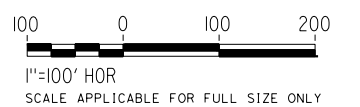
ALTERNATIVE 1,2,3,5  
GRADING AND DRAINAGE  
PLAN  
STA 18610+00 TO 18635+00

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4054  
SCALE  
AS SHOWN  
SHEET NO.  
165





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**



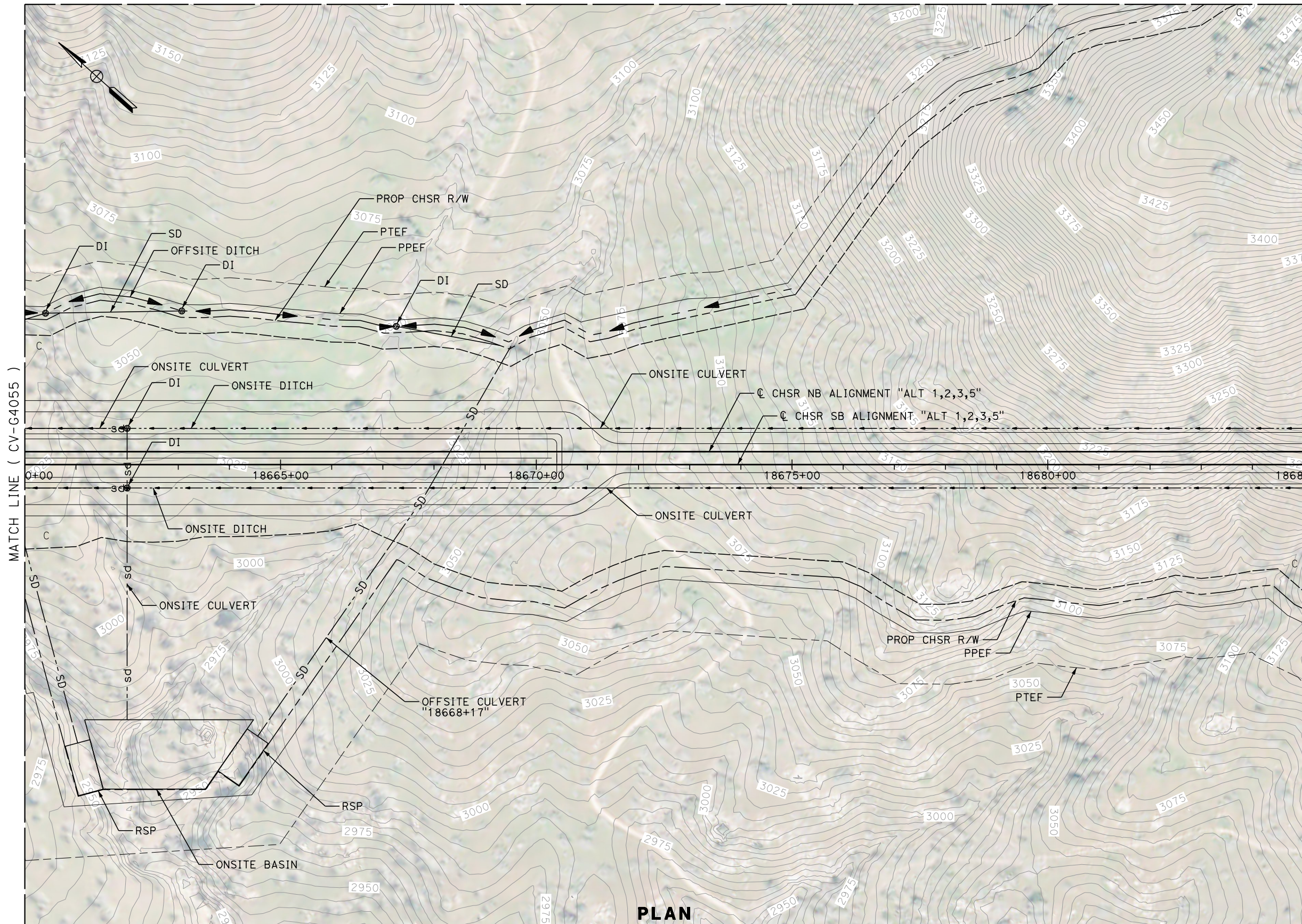
**CALIFORNIA HIGH-SPEED RAIL PROJECT  
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,3,5  
GRADING AND DRAINAGE  
PLAN  
STA 18635+00 TO 18660+00

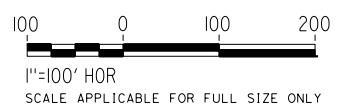
CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4055  
SCALE  
AS SHOWN  
SHEET NO.  
166



MATCH LINE ( CV-G4171 )



PLAN



Projects\701206\_00\_CHSRBP\00\_CADD\Sheet\_Files\CV\G\BP-CV-G4056

5:43:13 PM

1/13/2021

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**



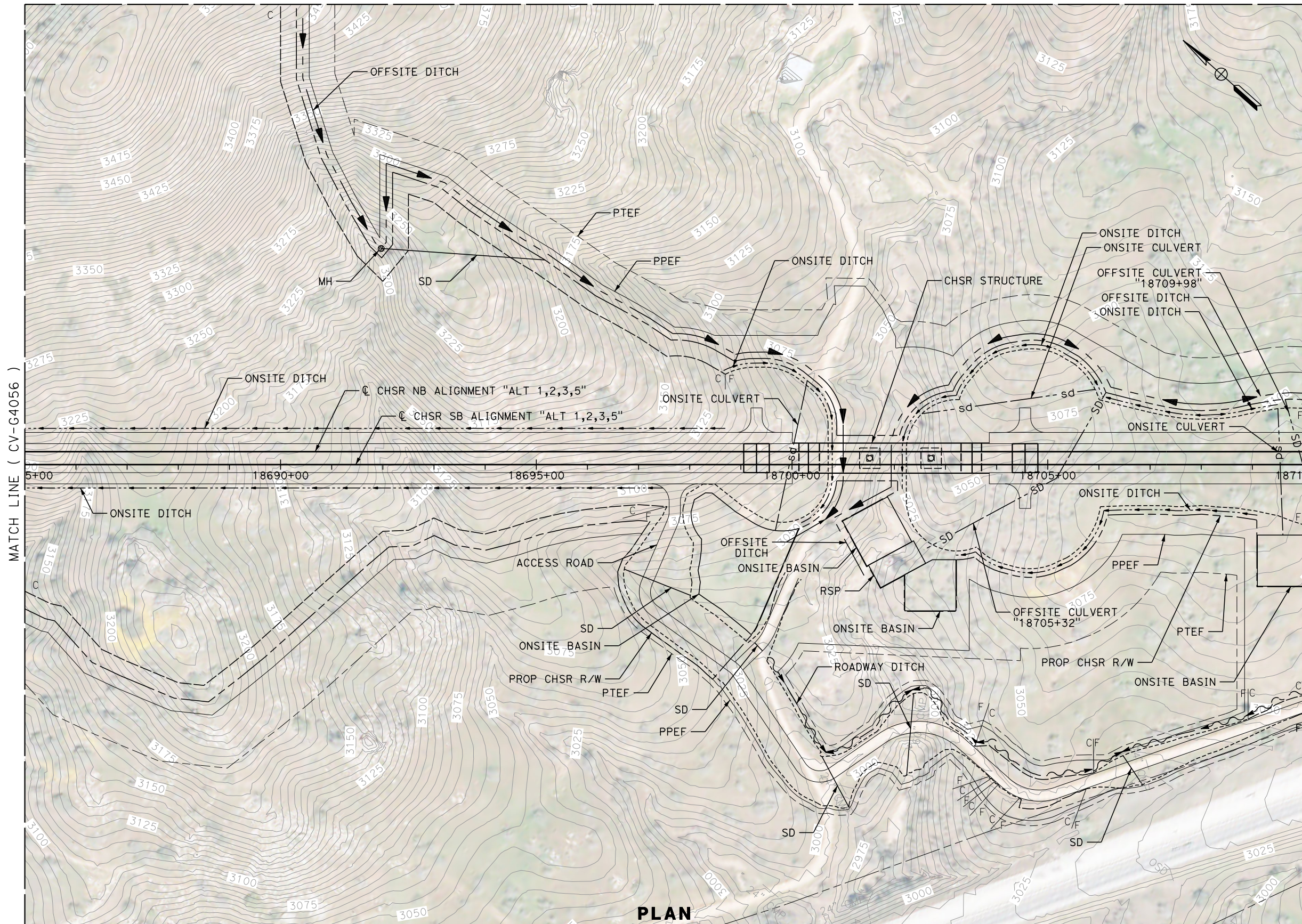
**CALIFORNIA HIGH-SPEED RAIL PROJECT  
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,3,5  
GRADING AND DRAINAGE  
PLAN  
STA 18660+00 TO 18685+00

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4056  
SCALE  
AS SHOWN  
SHEET NO.  
167



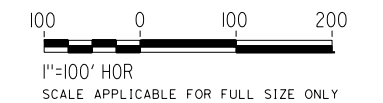
MATCH LINE ( CV-G4171 )



MATCH LINE ( CV-G4056 )

MATCH LINE ( CV-G4058 )

PLAN



Projects\701206\_00\_CHSRBP\00\_CADD\Sheet\_Files\CV\G\BP-CV-G4057

5:41:02 PM

1/13/2021

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**

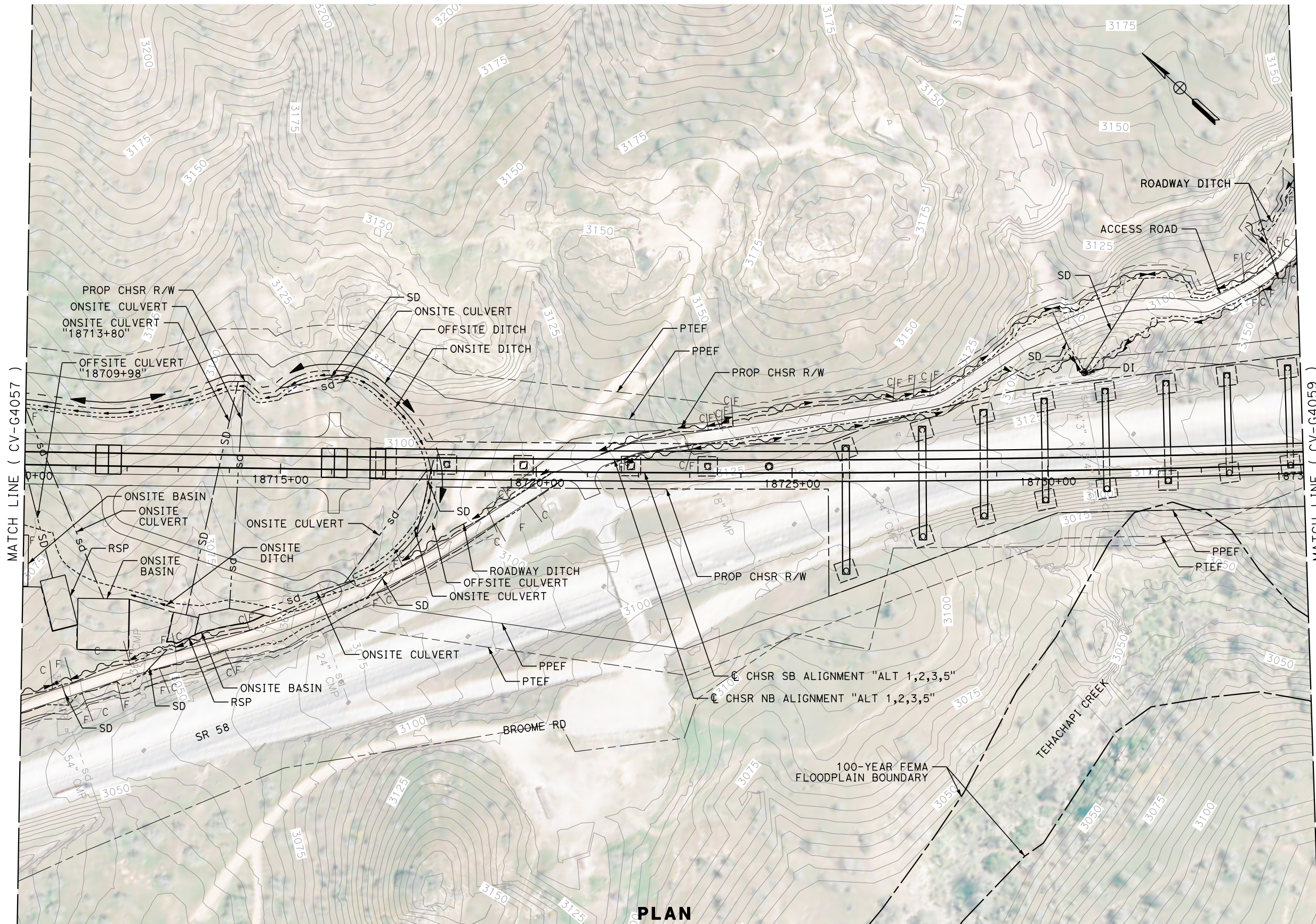


**CALIFORNIA HIGH-SPEED RAIL PROJECT  
BAKERSFIELD TO PALMDALE**

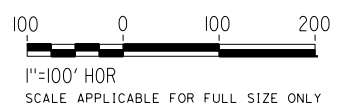
ALTERNATIVE 1,2,3,5  
GRADING AND DRAINAGE  
PLAN  
STA 18685+00 TO 18710+00

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4057  
SCALE  
AS SHOWN  
SHEET NO.  
168





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**

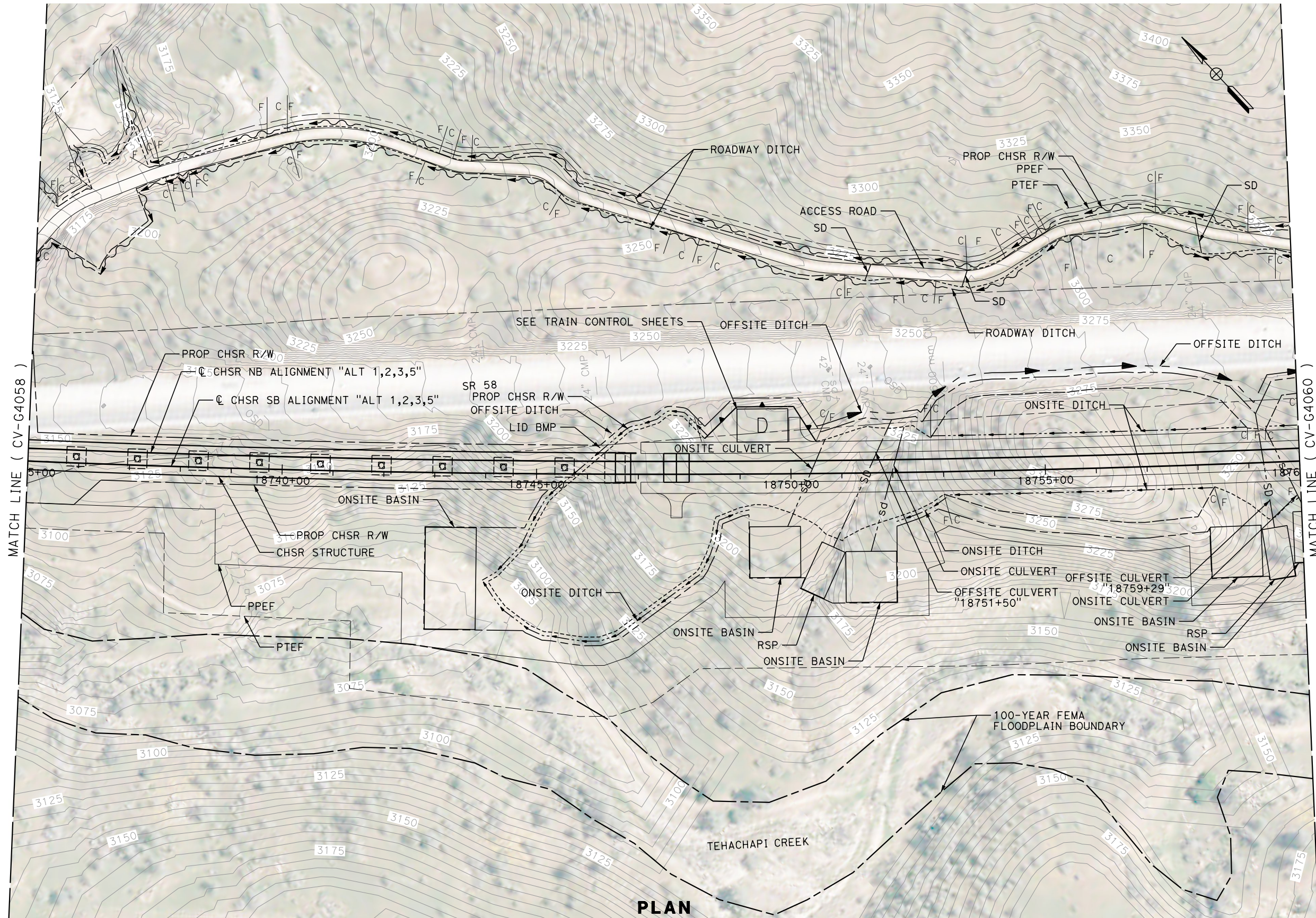


**CALIFORNIA HIGH-SPEED RAIL PROJECT  
BAKERSFIELD TO PALMDALE**

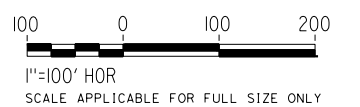
ALTERNATIVE 1,2,3,5  
GRADING AND DRAINAGE  
PLAN  
STA 18710+00 TO 18735+00

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4058  
SCALE  
AS SHOWN  
SHEET NO.  
169





**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  
STA 18735+00 TO 18760+00

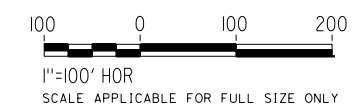
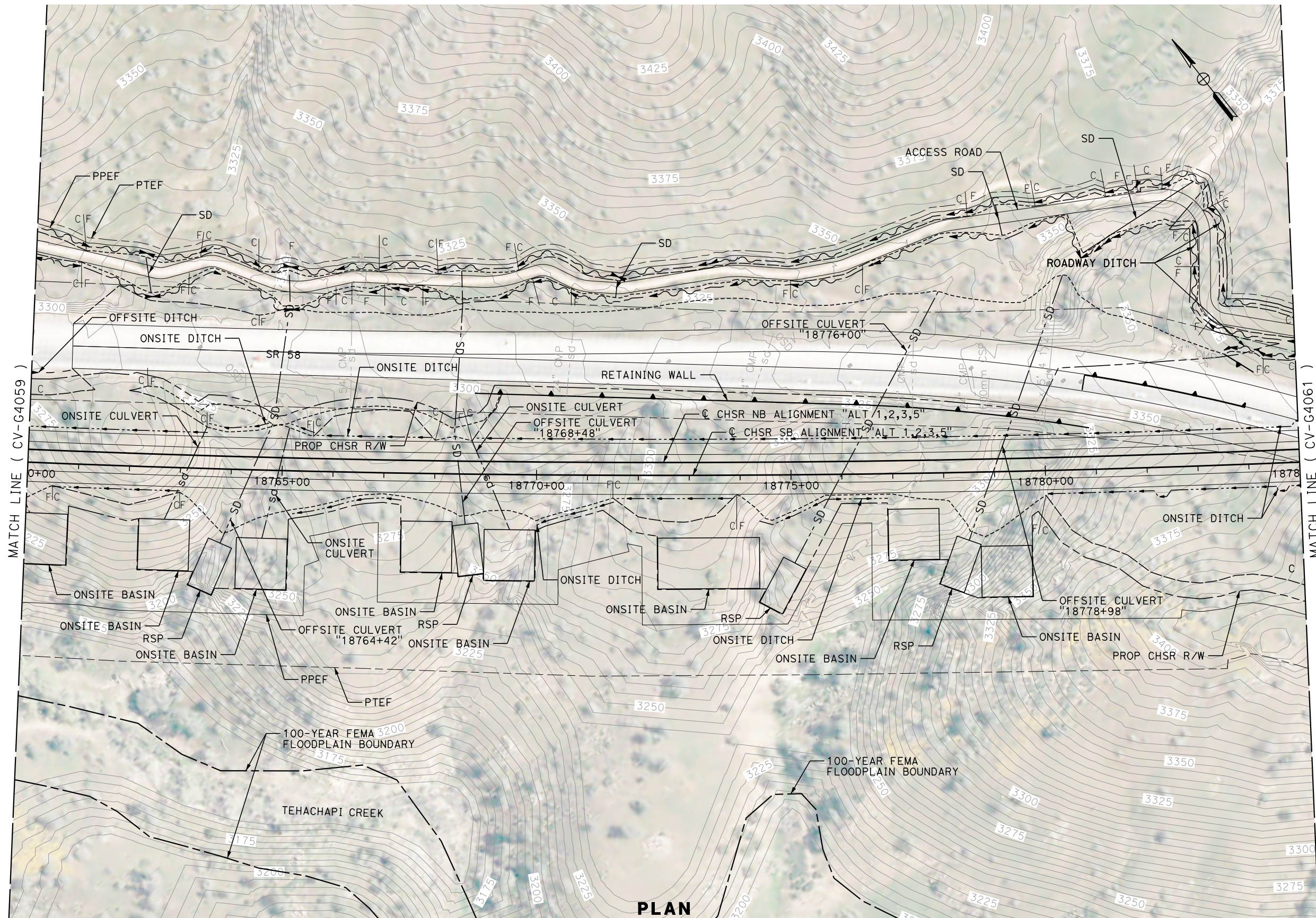
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HSR13-44  
DRAWING NO.  
CV-G4059  
SCALE  
AS SHOWN  
SHEET NO.  
170



Projects\701206\_00\_CHSRBP\00\_CADD\Sheet\_Files\CV\G\BP-CV-G4060

1/13/2021 5:43:11 PM

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**

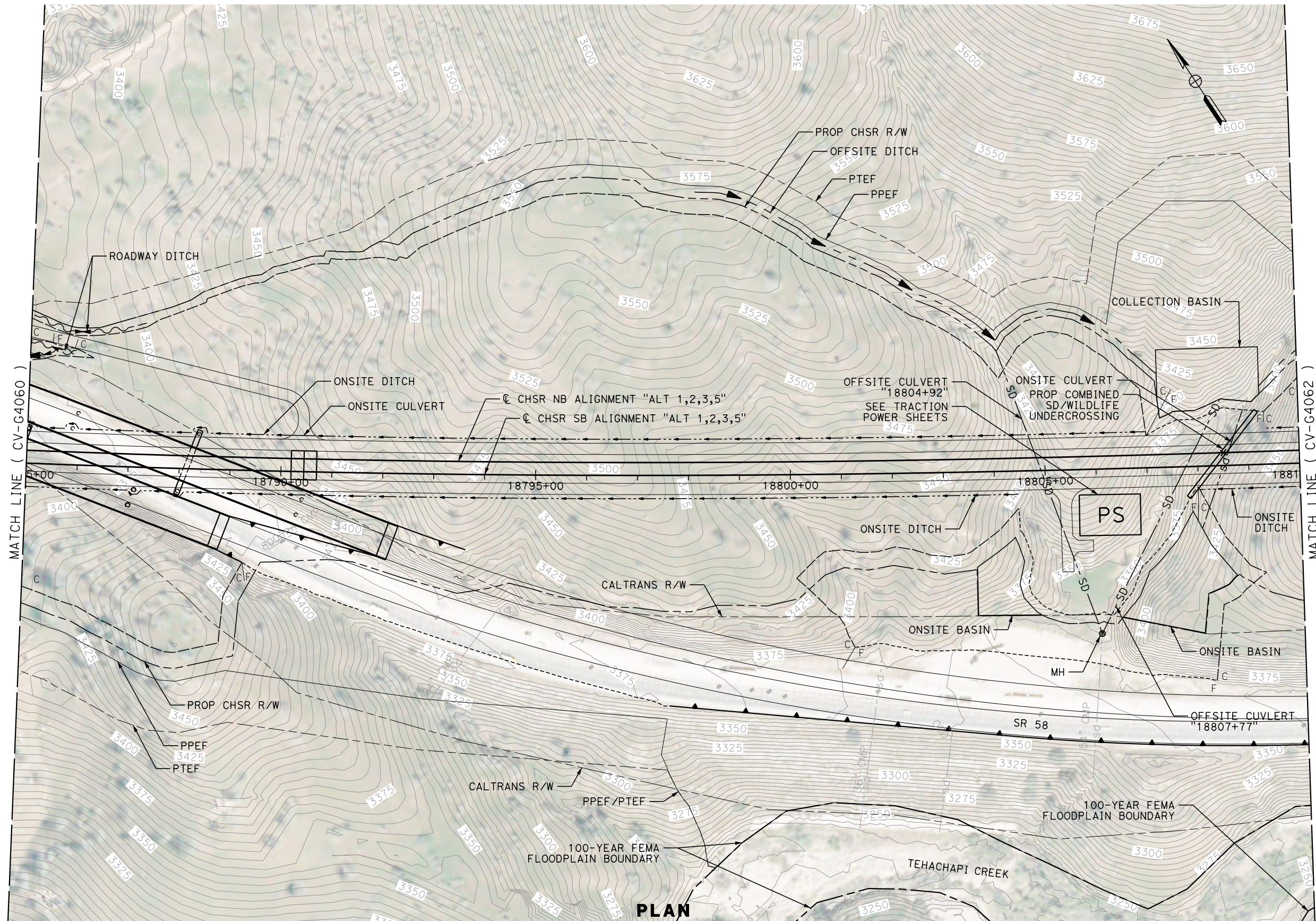


**CALIFORNIA HIGH-SPEED RAIL PROJECT  
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,3,5  
GRADING AND DRAINAGE  
PLAN  
STA 18760+00 TO 18785+00

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4060  
SCALE  
AS SHOWN  
SHEET NO.  
171





**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**

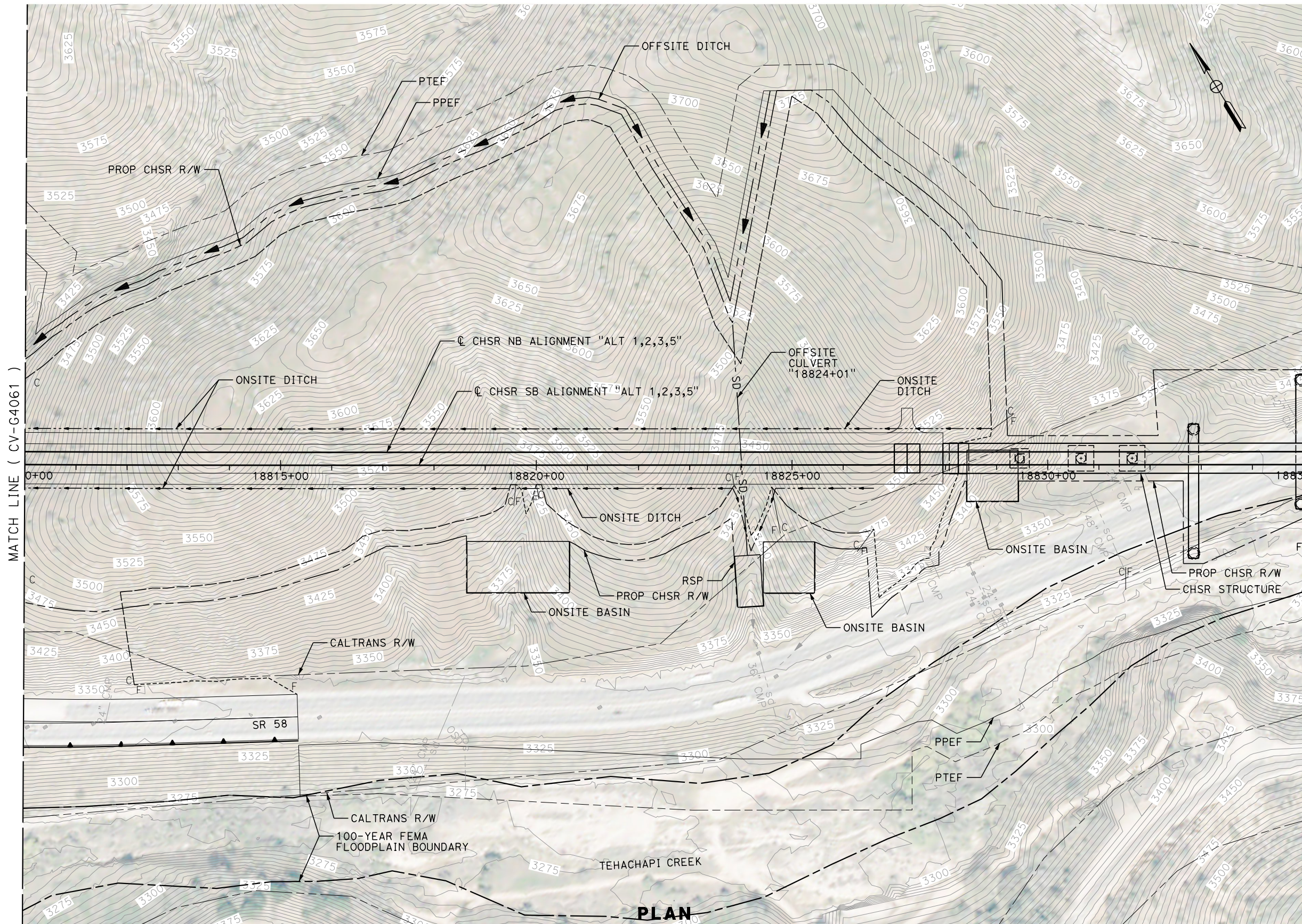


**CALIFORNIA HIGH-SPEED RAIL PROJECT  
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,3,5  
GRADING AND DRAINAGE  
PLAN  
STA 18785+00 TO 18810+00

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4061  
SCALE  
AS SHOWN  
SHEET NO.  
172

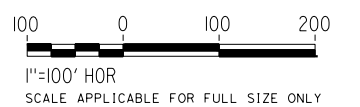




MATCH LINE ( CV-G4061 )

MATCH LINE ( CV-G4063 )

**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  
STA 18810+00 TO 18835+00

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4062  
SCALE  
AS SHOWN  
SHEET NO.  
173

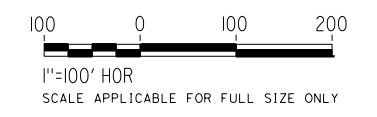
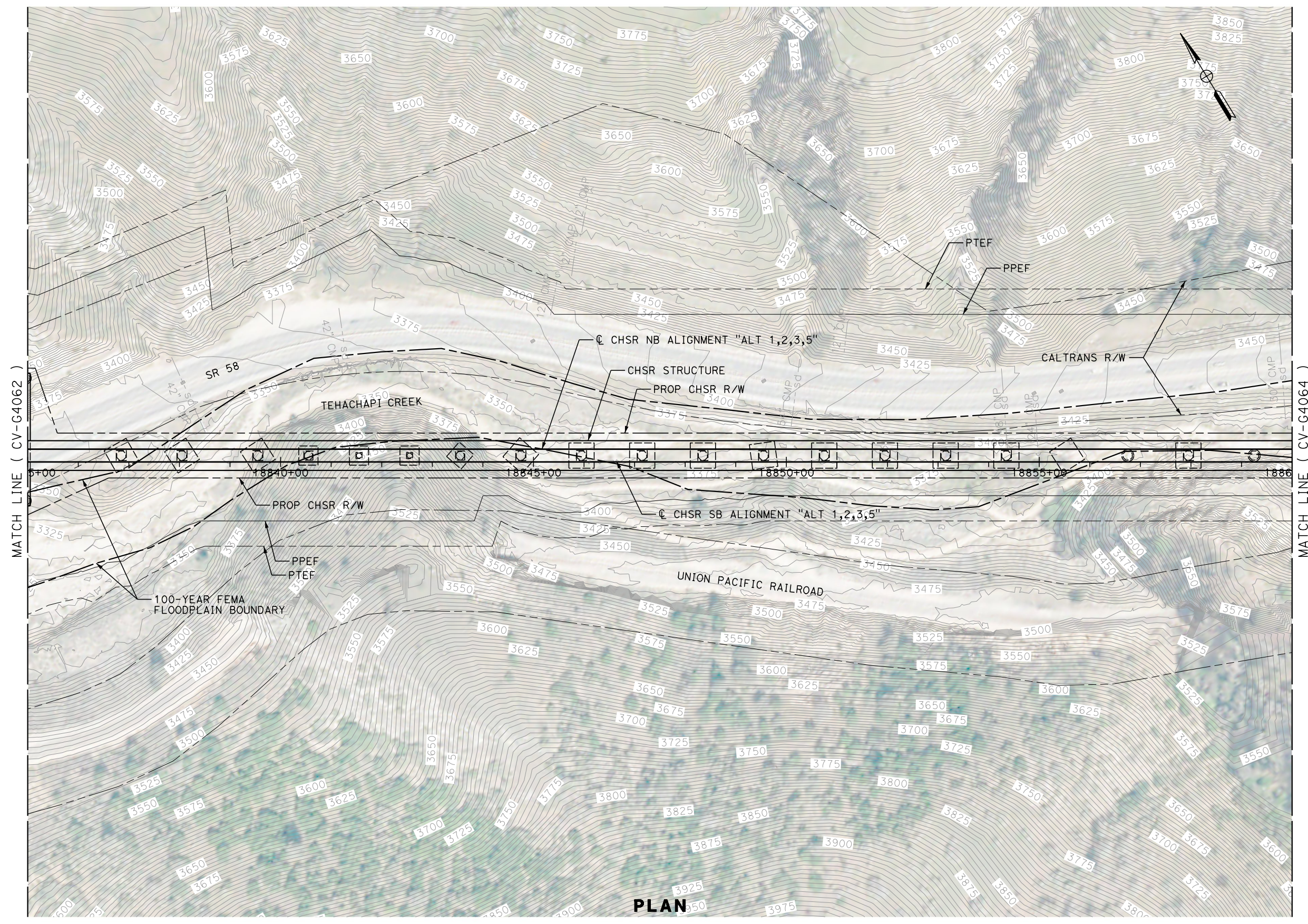


Projects\701206\_00\_CHSRBP\00\_CADD\Sheet\_Files\CV\G\BP-CV-G4063

5:42:40 PM

1/13/2021

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  
STA 18835+00 TO 18860+00

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
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SCALE  
AS SHOWN  
SHEET NO.  
174



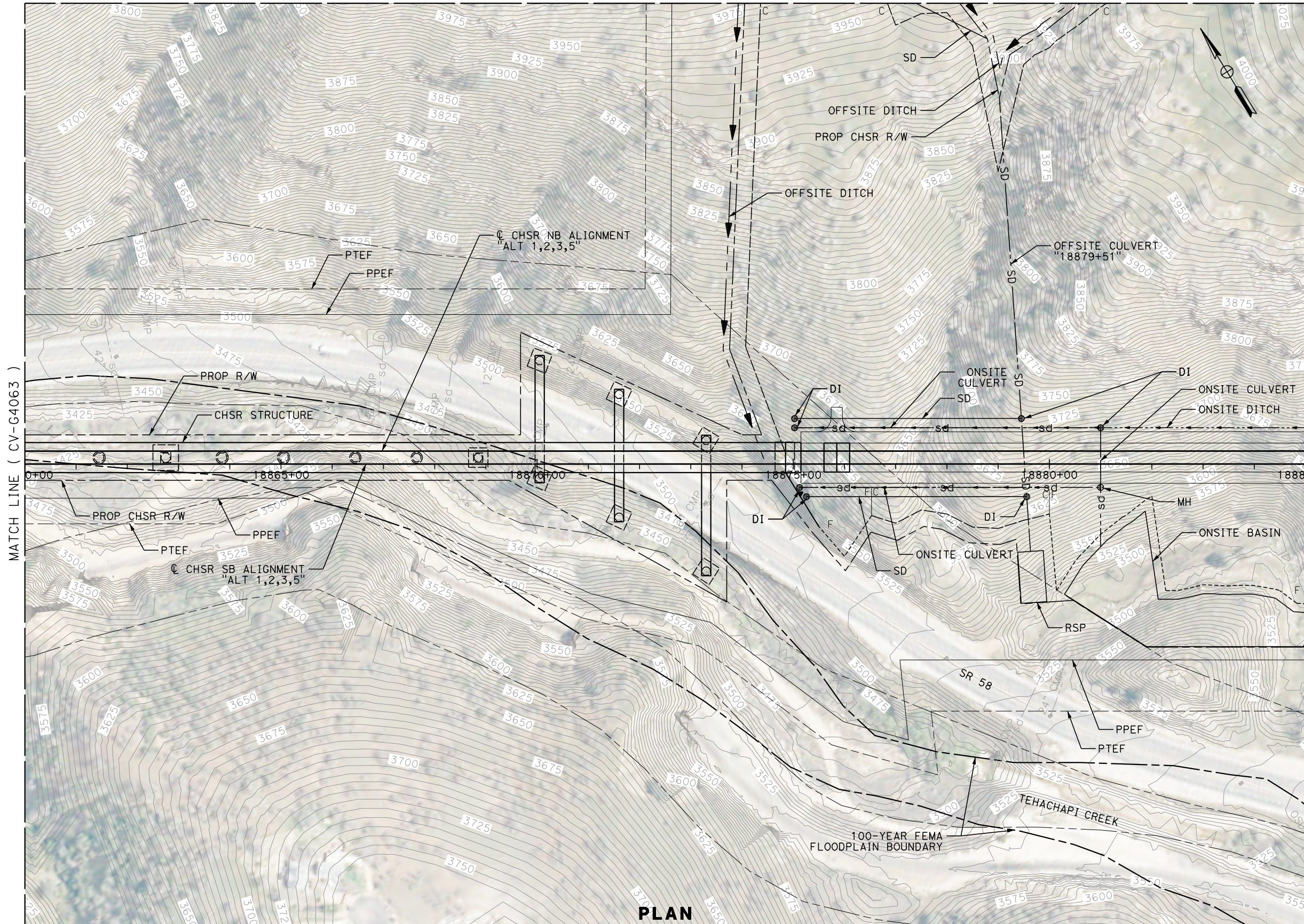
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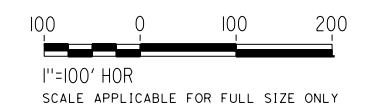
1/14/2021

Glenn.Yamanaka@tylin.com

MATCH LINE ( CV-G4172 )



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  
STA 18860+00 TO 18885+00

CONTRACT NO.  
HSR13-44

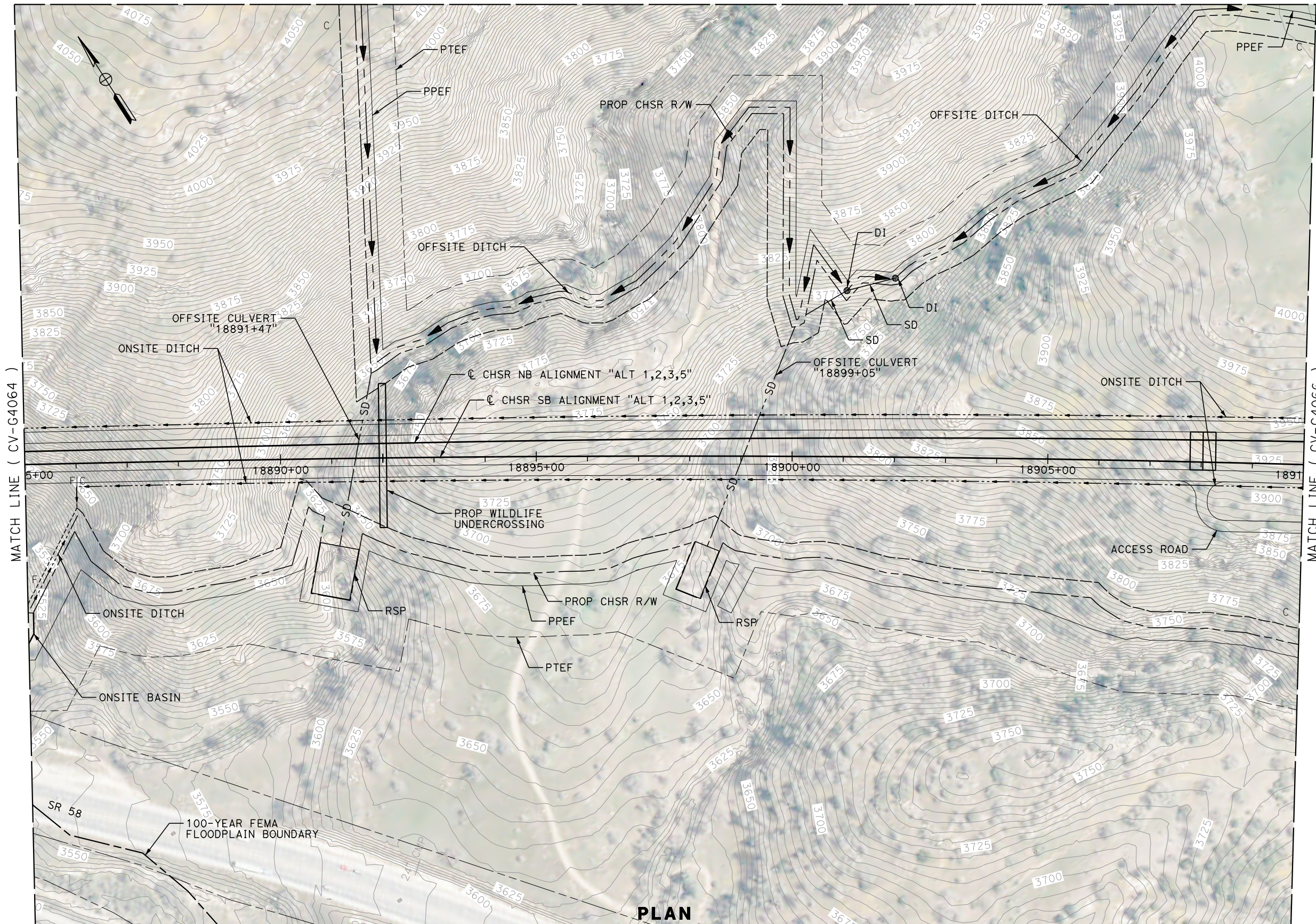
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CV-G4064

SCALE  
AS SHOWN

SHEET NO.  
175



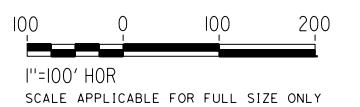
MATCH LINE ( CV-G4172 )



MATCH LINE ( CV-G4064 )

MATCH LINE ( CV-G4066 )

PLAN



Projects\701206\_00\_CHSRBP\00\_CADD\Sheet Files\CV\G\BP-CV-G4065

6:10:07 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**

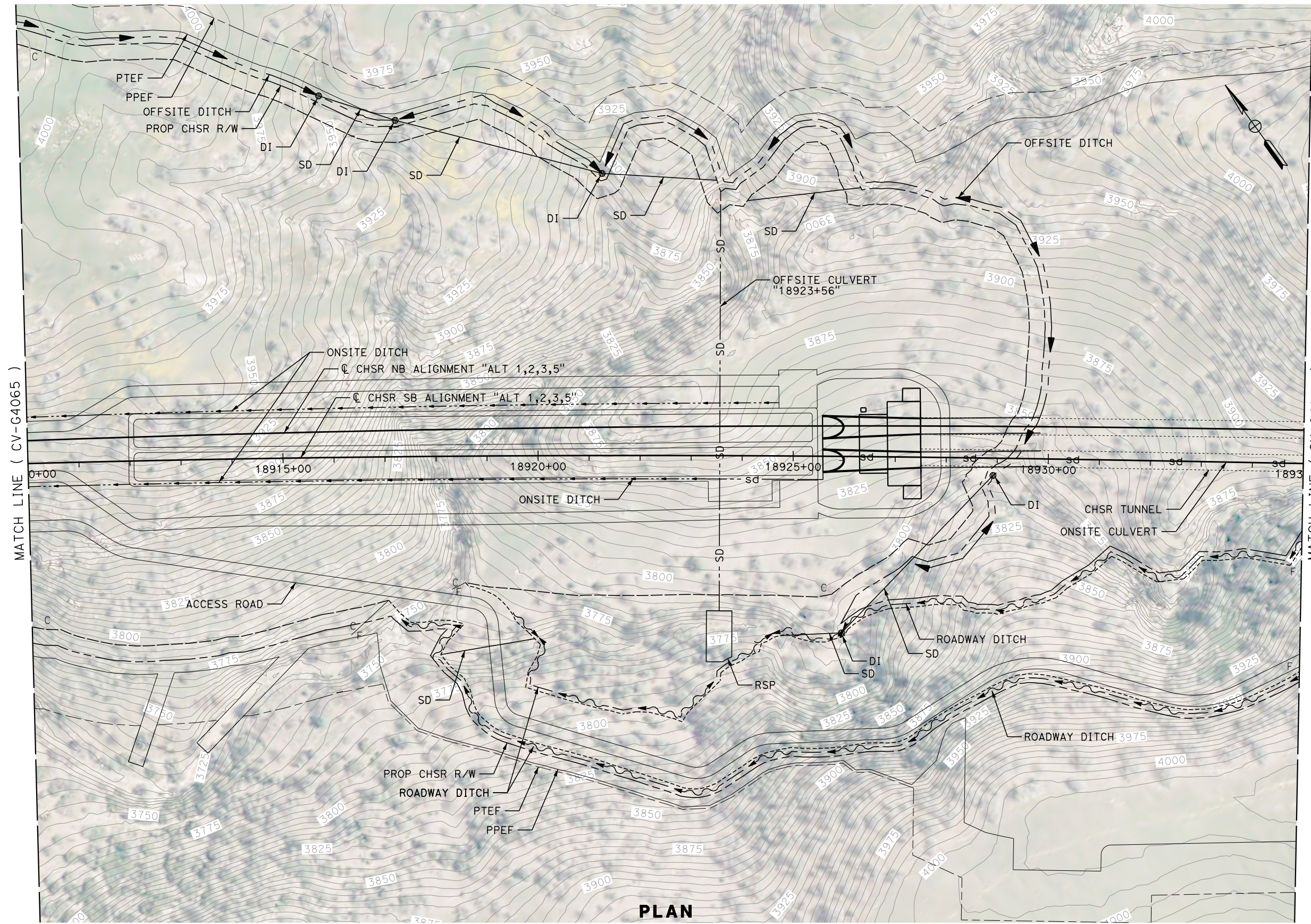
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**CONSTRUCTION**



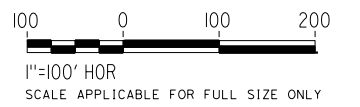
**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**BAKERSFIELD TO PALMDALE**  
ALTERNATIVE 1,2,3,5  
GRADING AND DRAINAGE  
PLAN  
STA 18885+00 TO 18910+00

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4065  
SCALE  
AS SHOWN  
SHEET NO.  
176





**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**

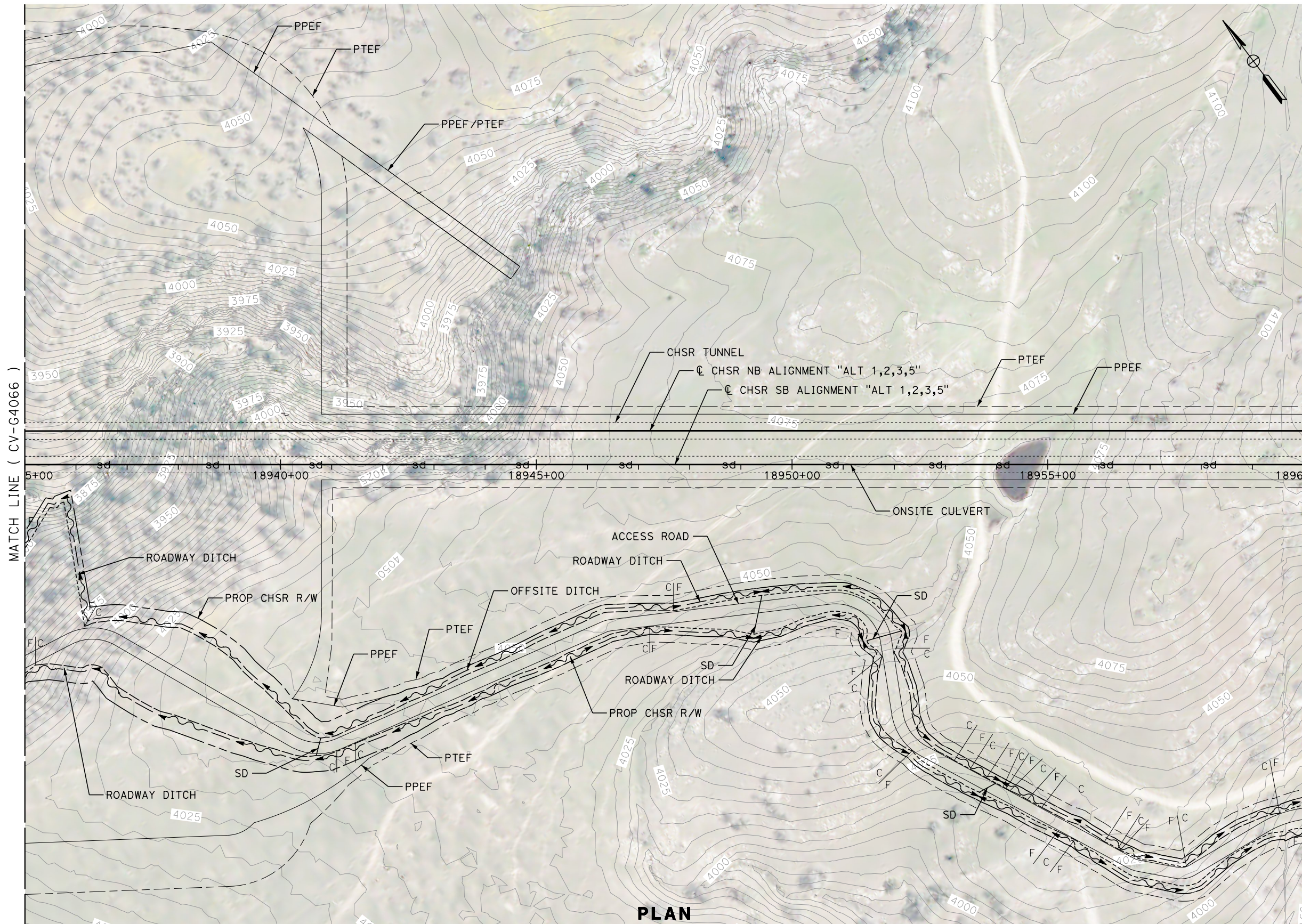


**CALIFORNIA HIGH-SPEED RAIL PROJECT  
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,3,5  
GRADING AND DRAINAGE  
PLAN  
STA 18910+00 TO 18935+00

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4066  
SCALE  
AS SHOWN  
SHEET NO.  
177

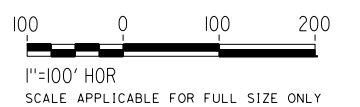




MATCH LINE ( CV-G4066 )

MATCH LINE ( CV-G4068 )

**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**

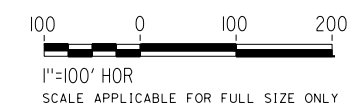
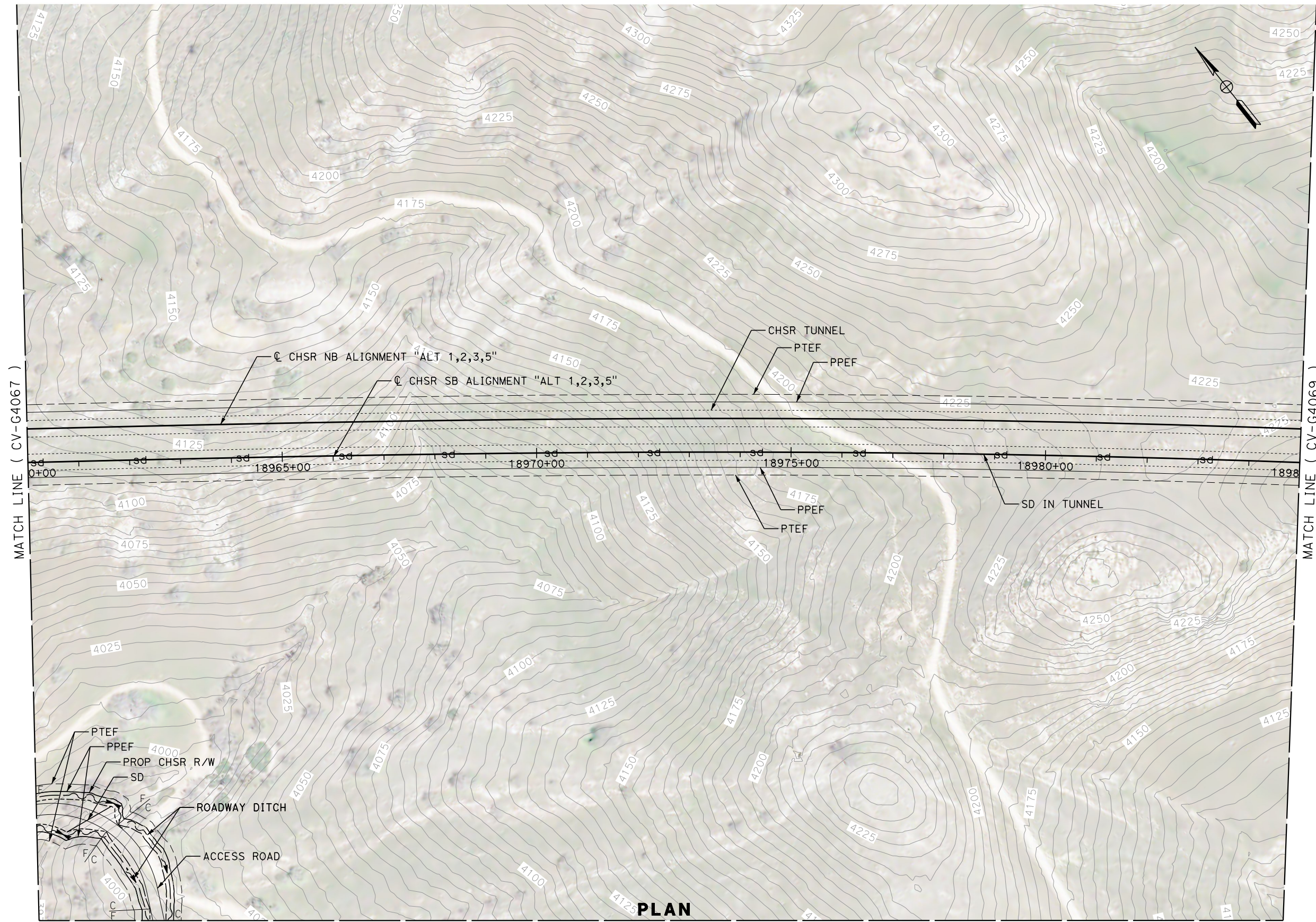


**CALIFORNIA HIGH-SPEED RAIL PROJECT  
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,3,5  
GRADING AND DRAINAGE  
PLAN  
STA 18935+00 TO 18960+00

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4067  
SCALE  
AS SHOWN  
SHEET NO.  
178





**PLAN**  
MATCH LINE ( CV-G4184 )

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**

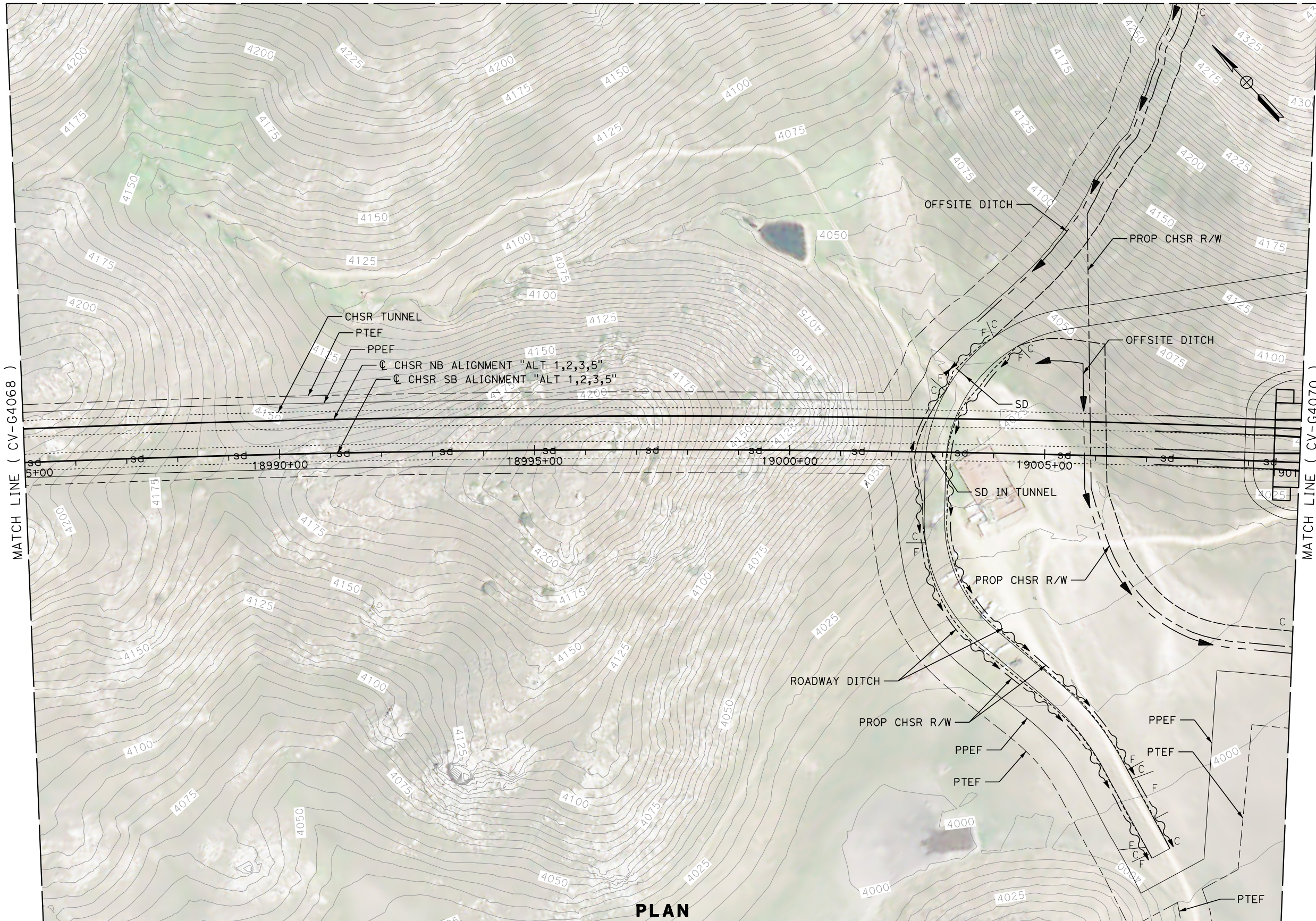


**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**BAKERSFIELD TO PALMDALE**  
ALTERNATIVE 1,2,3,5  
GRADING AND DRAINAGE  
PLAN  
STA 18960+00 TO 18985+00

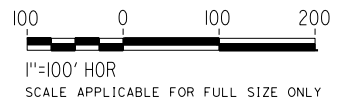
CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4068  
SCALE  
AS SHOWN  
SHEET NO.  
179



MATCH LINE ( CV-G4173 )



PLAN



Projects\701206\_00\_CHSRBP\00\_CADD\Sheet Files\CV\G\BP-CV-G4069

5:43:32 PM

1/13/2021

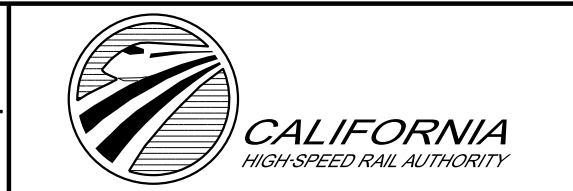
Glenn.Yamanaka@tylin.com

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  
STA 18985+00 TO 19010+00

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4069  
SCALE  
AS SHOWN  
SHEET NO.  
180



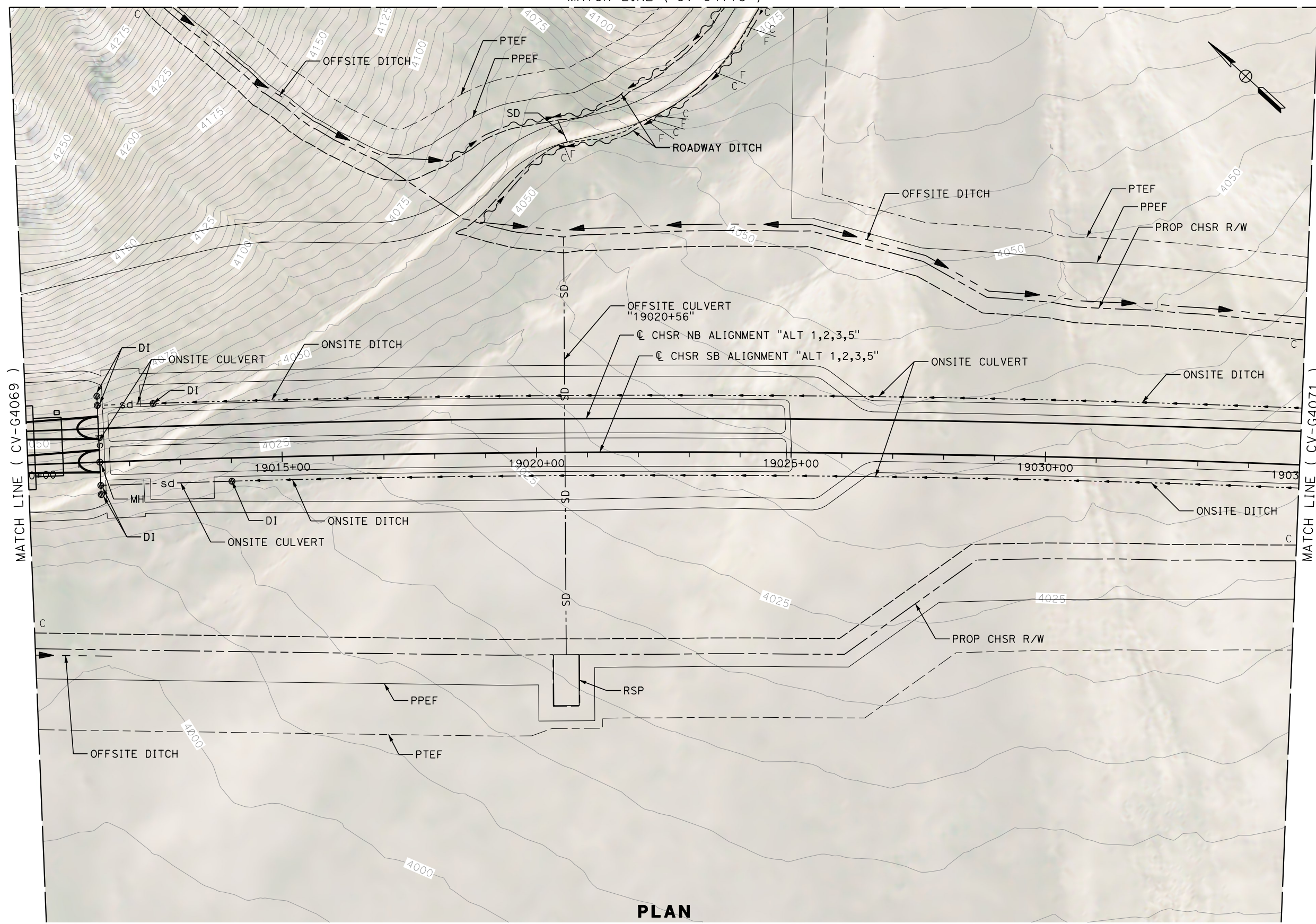
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5:45:04 PM

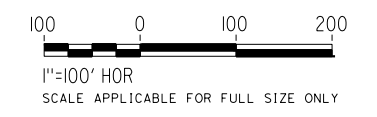
1/13/2021

Glenn.Yamanaka@tylin.com

MATCH LINE ( CV-G4173 )



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**

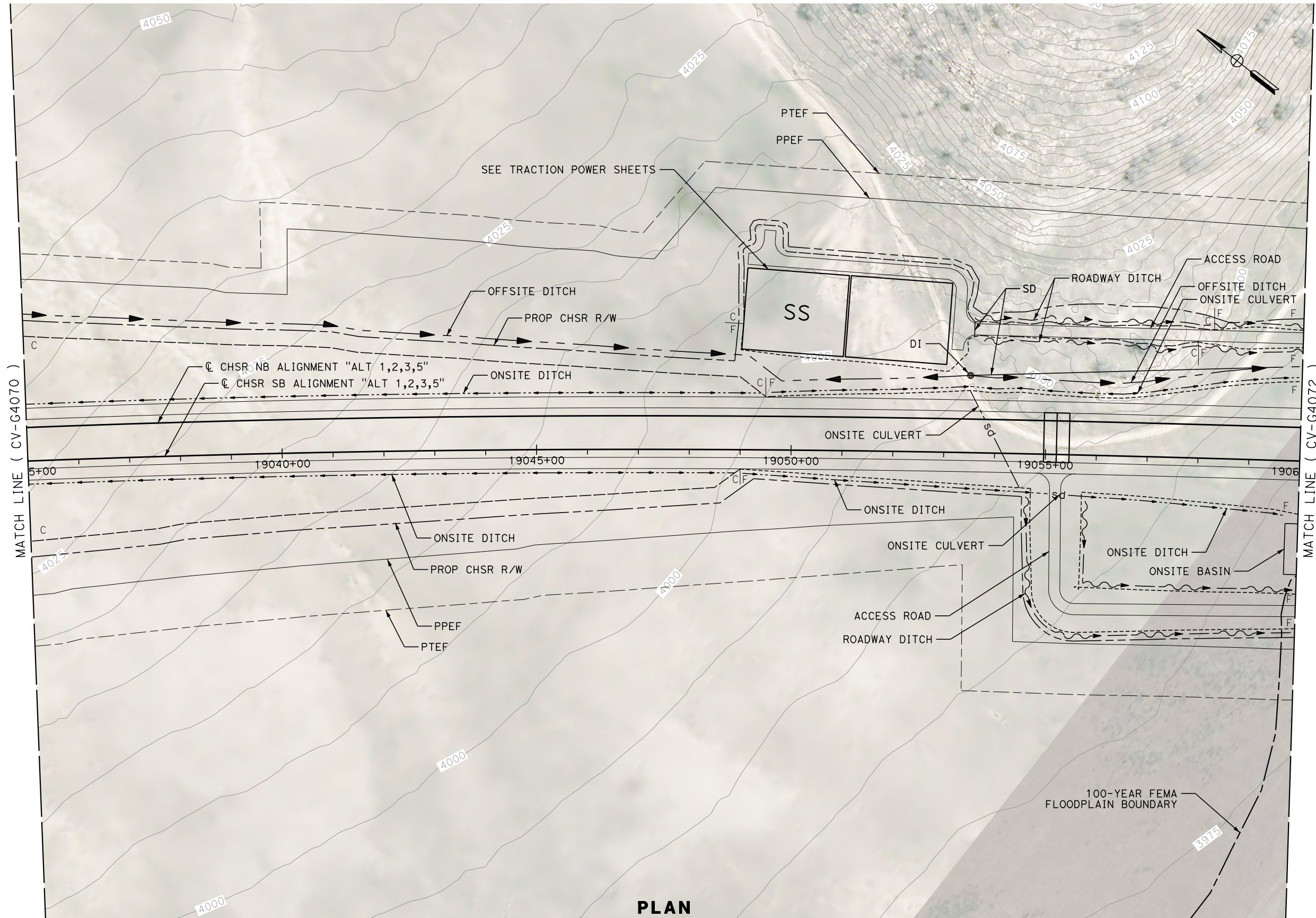


**CALIFORNIA HIGH-SPEED RAIL PROJECT  
BAKERSFIELD TO PALMDALE**

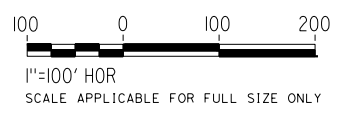
ALTERNATIVE 1,2,3,5  
GRADING AND DRAINAGE  
PLAN  
STA 19010+00 TO 19035+00

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4070  
SCALE  
AS SHOWN  
SHEET NO.  
181





**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  
STA 19035+00 TO 19060+00

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4071  
SCALE  
AS SHOWN  
SHEET NO.  
182

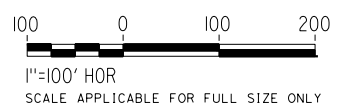
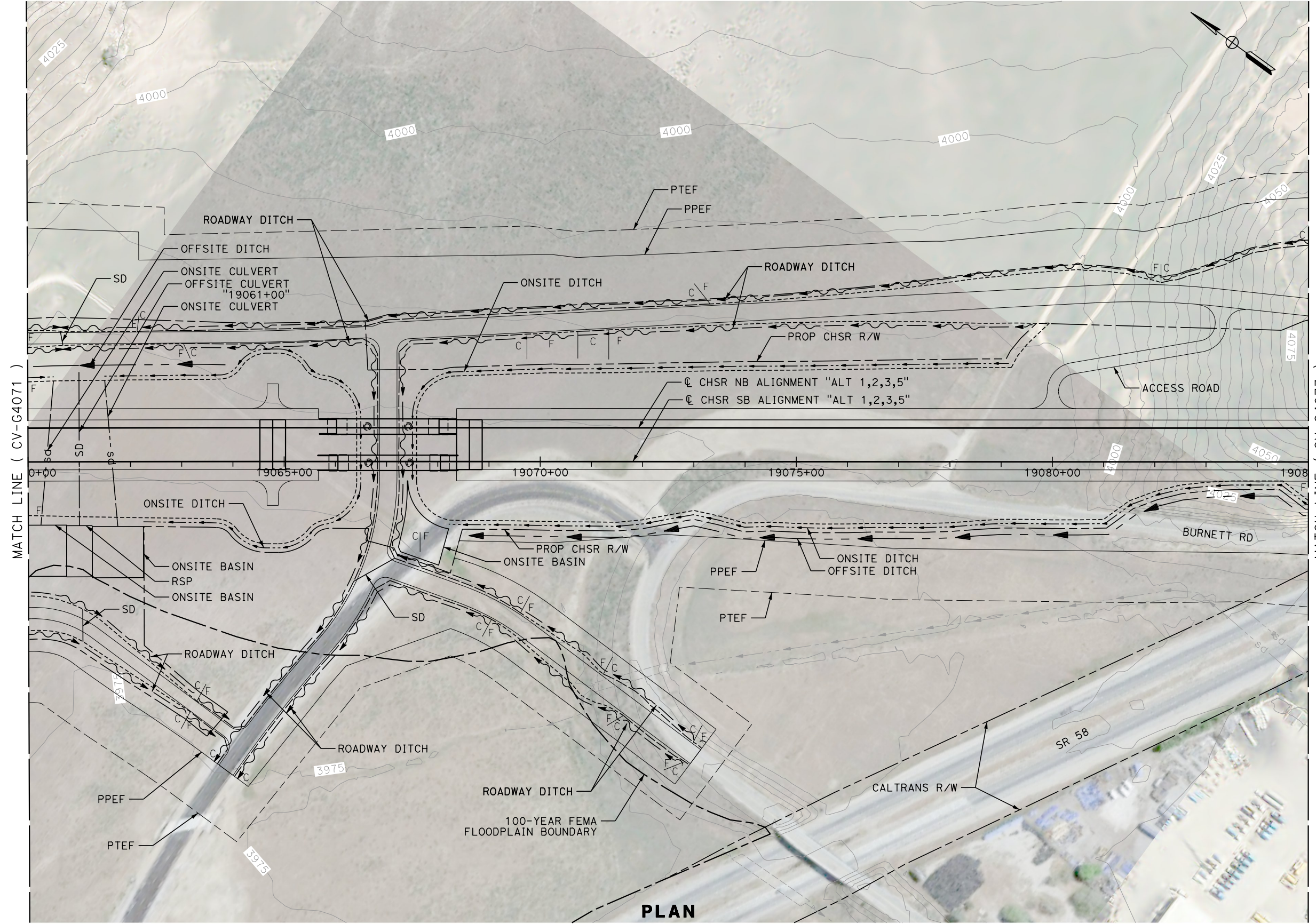


Projects\701206\_00\_CHSRBP\00\_CADD\Sheet\_Files\CV\G\BP-CV-G4072

5:45:00 PM

1/13/2021

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  
STA 19060+00 TO 19085+00

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4072  
SCALE  
AS SHOWN  
SHEET NO.  
183

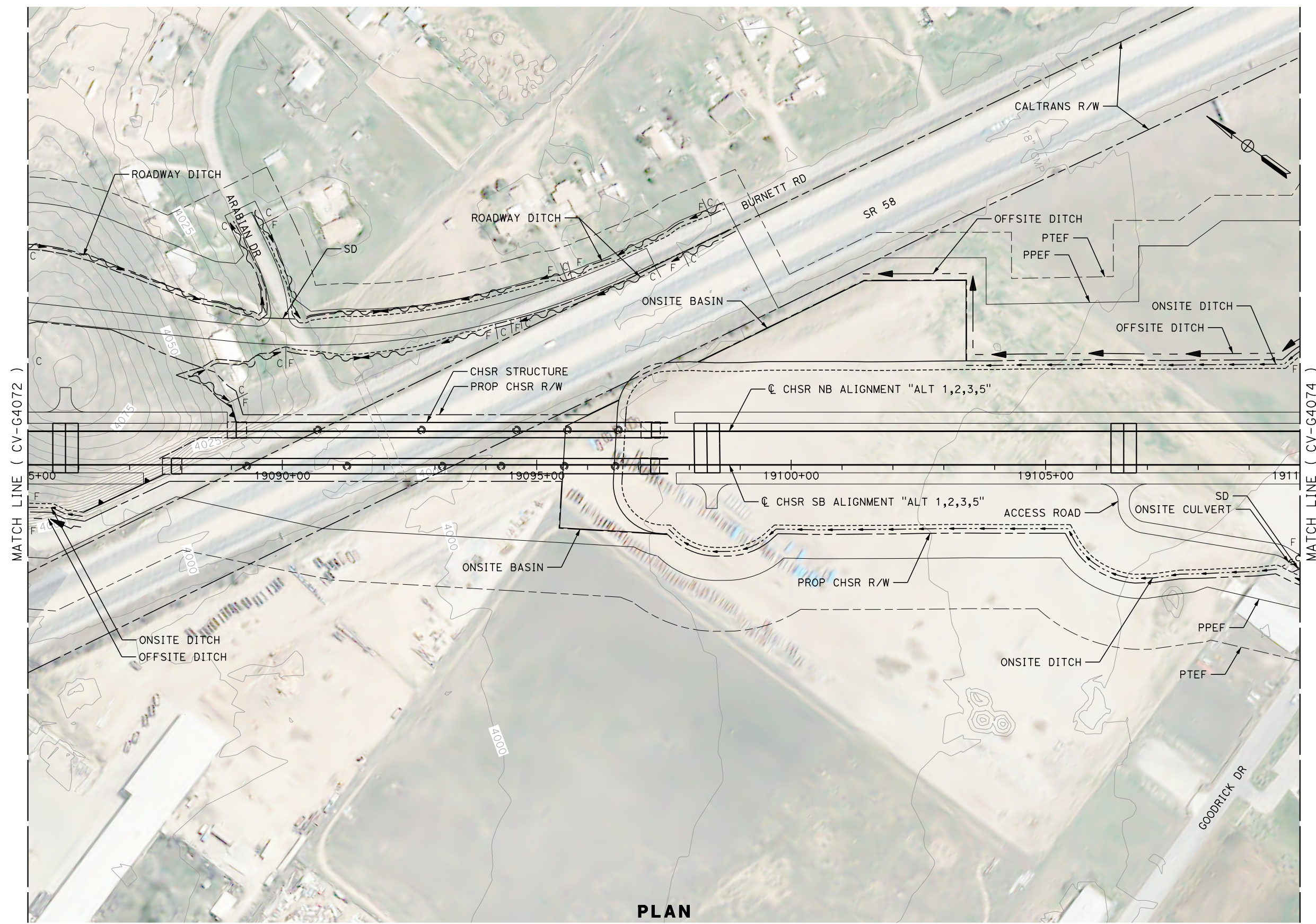


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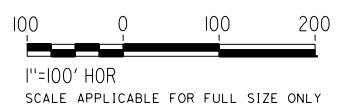
5:44:14 PM

1/13/2021

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  
STA 19085+00 TO 19110+00

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4073  
SCALE  
AS SHOWN  
SHEET NO.  
184

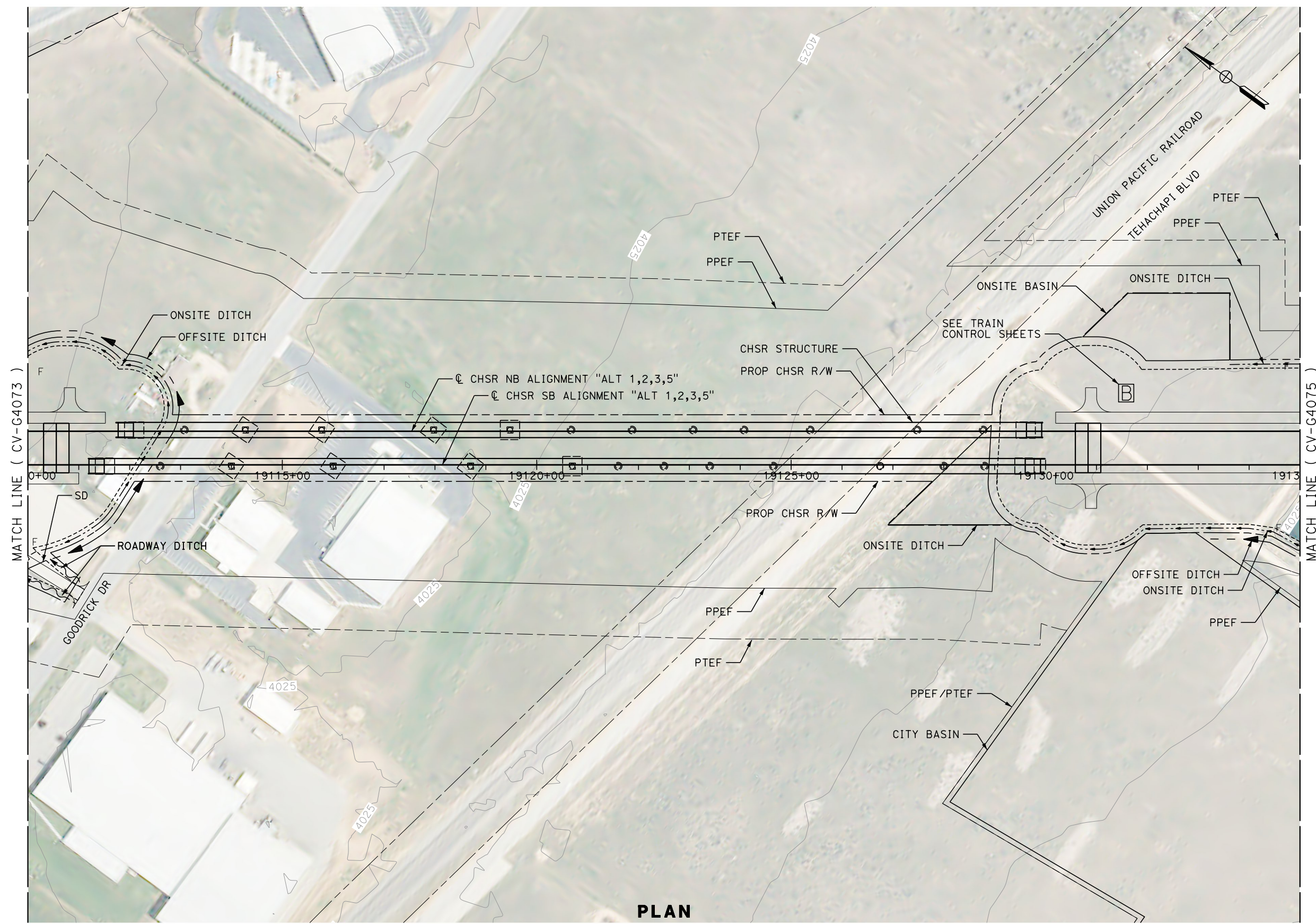


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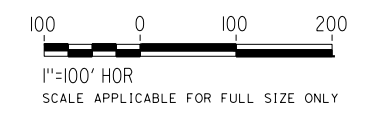
5:45:18 PM

1/13/2021

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  
STA 19110+00 TO 19135+00

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4074  
SCALE  
AS SHOWN  
SHEET NO.  
185

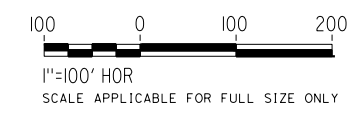
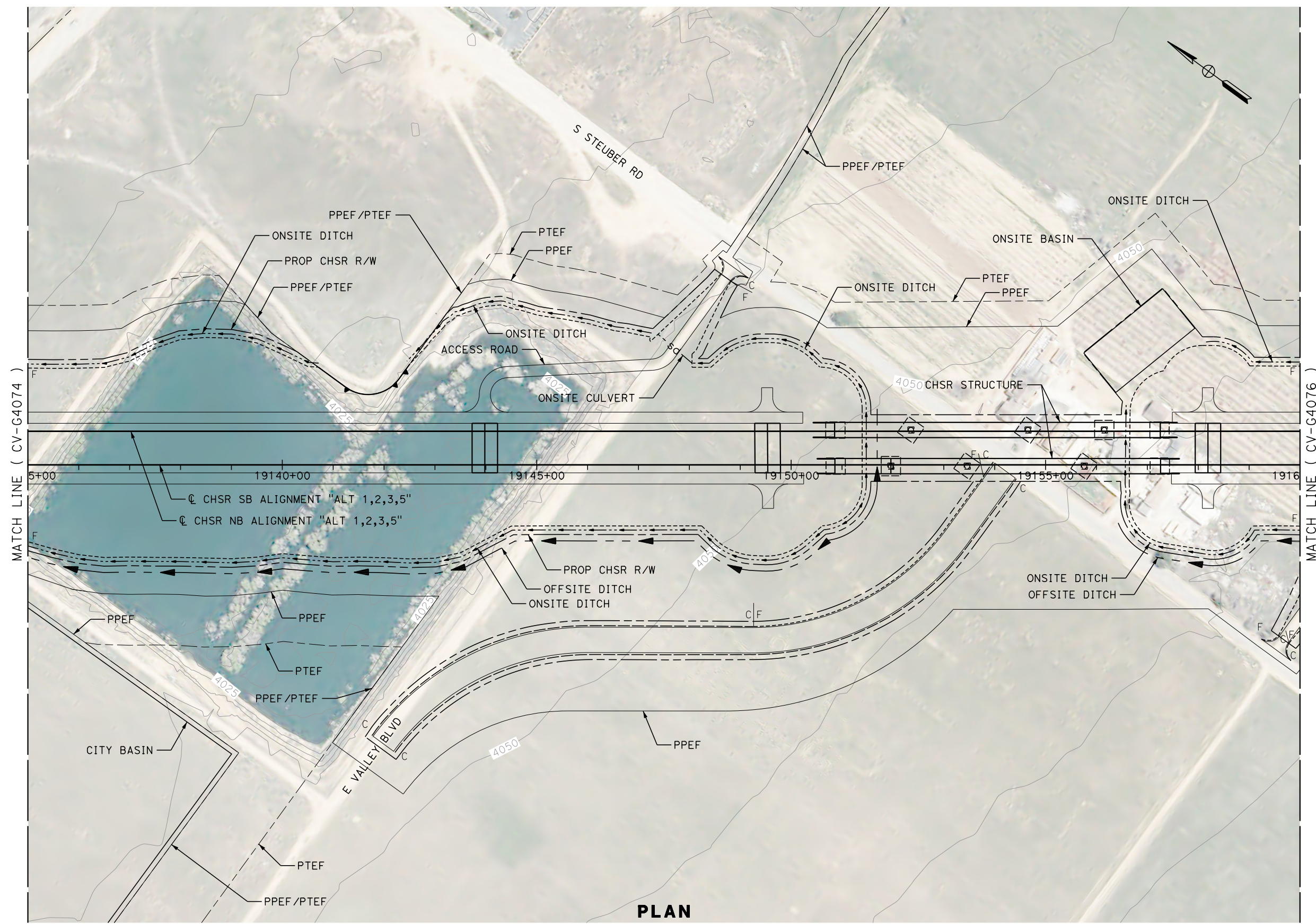


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6:10:16 AM

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  
STA 19135+00 TO 19160+00

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4075  
SCALE  
AS SHOWN  
SHEET NO.  
186

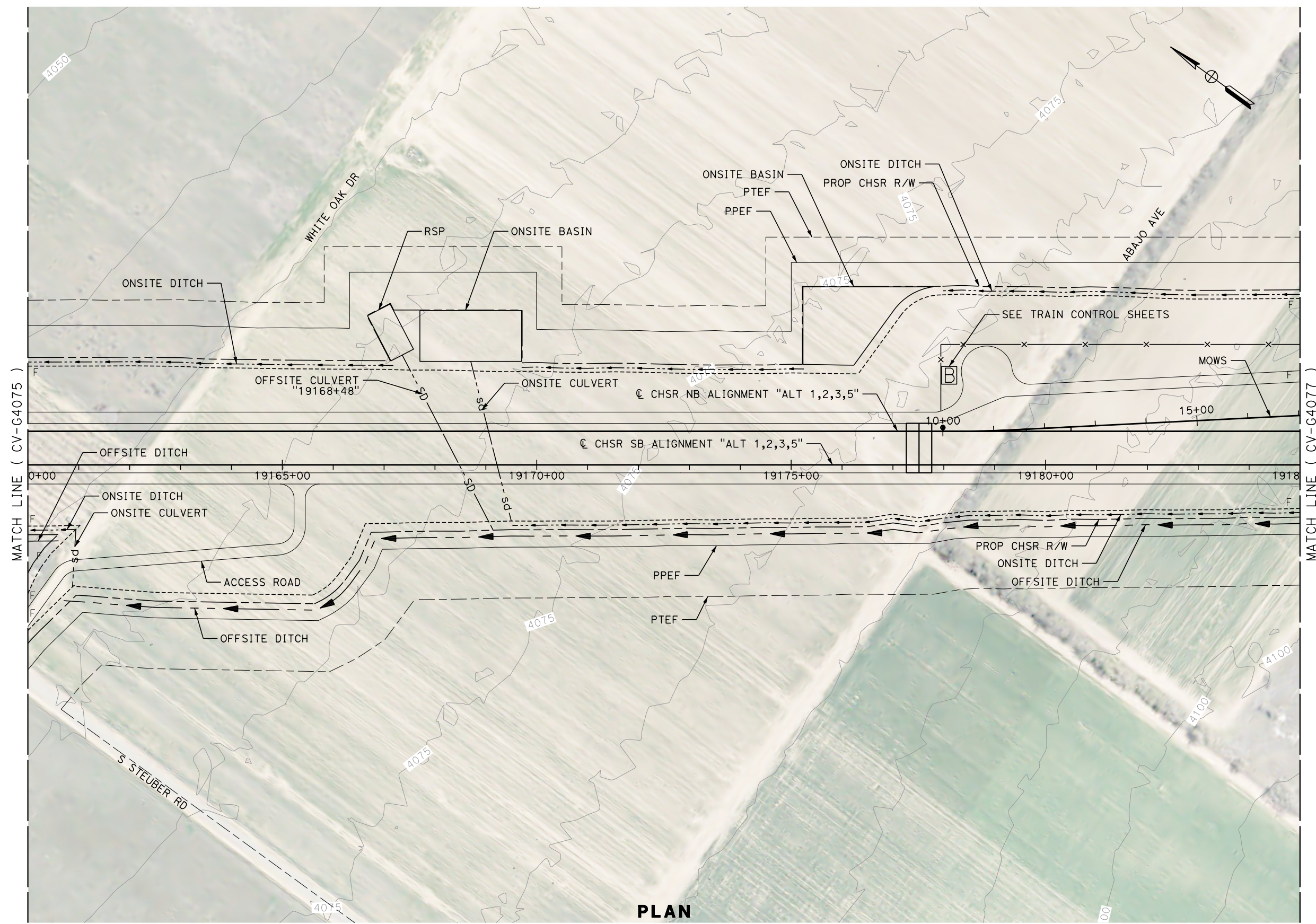


Projects\701206\_00\_CHSRBP\00\_CADD\Sheet\_Files\CV\G\BP-CV-G4076

5:46:03 PM

1/13/2021

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  
STA 19160+00 TO 19185+00

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4076  
SCALE  
AS SHOWN  
SHEET NO.  
187

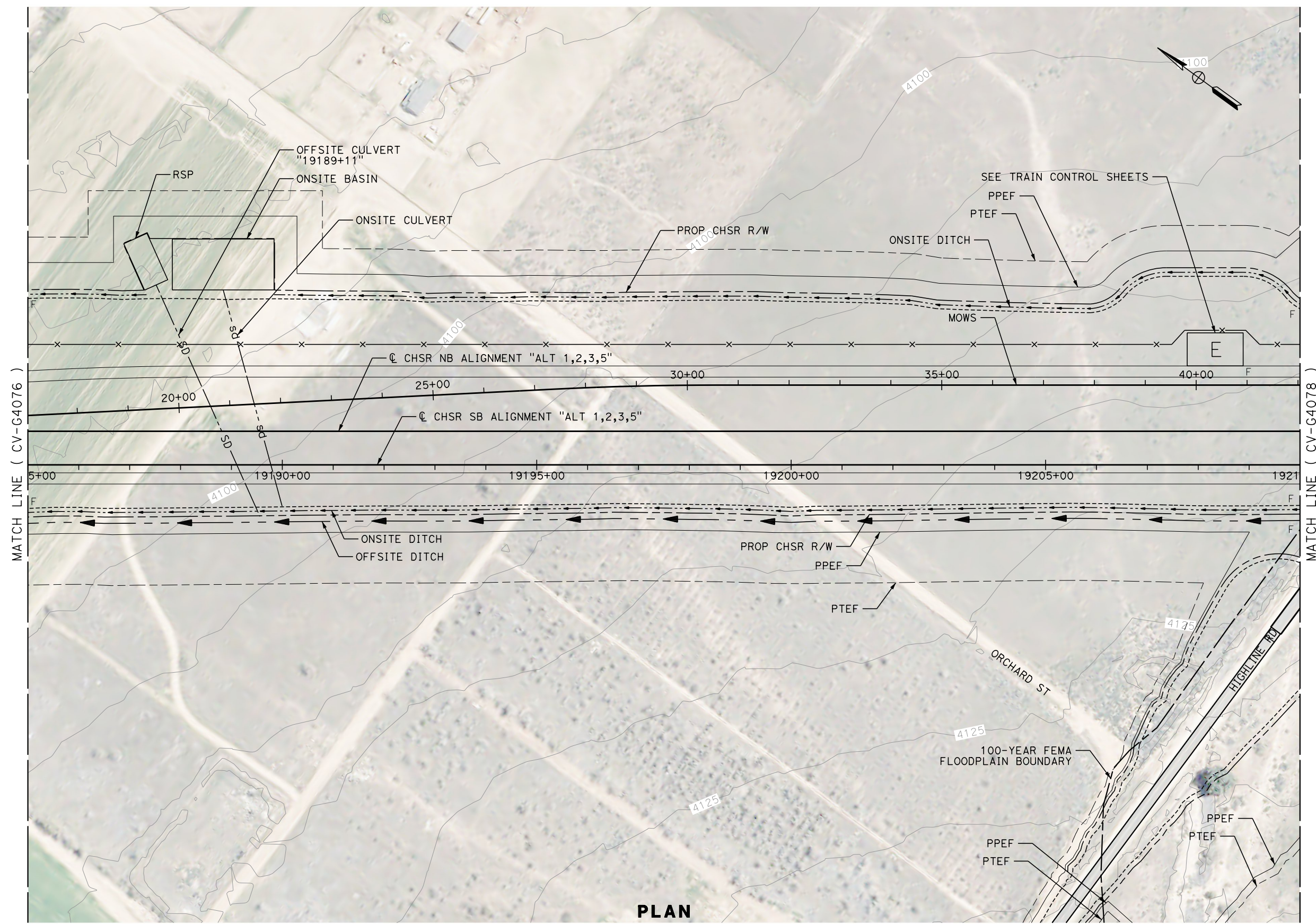


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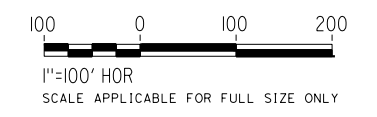
5:45:25 PM

1/13/2021

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  
STA 19185+00 TO 19210+00

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4077  
SCALE  
AS SHOWN  
SHEET NO.  
188

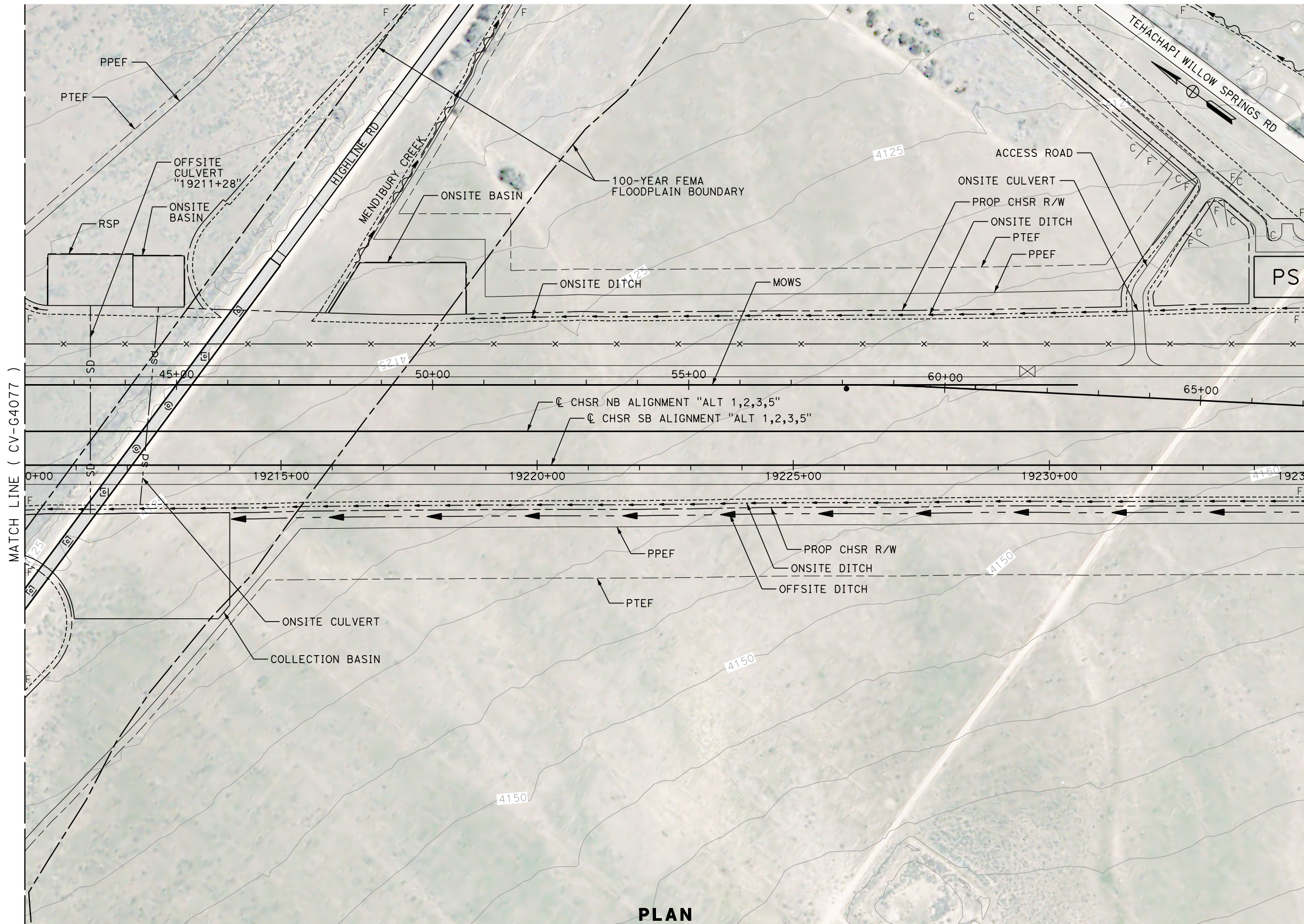


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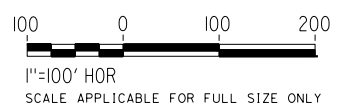
5:45:57 PM

1/13/2021

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  
STA 19210+00 TO 19235+00

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4078  
SCALE  
AS SHOWN  
SHEET NO.  
189

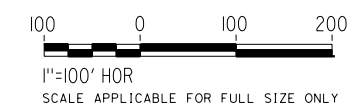
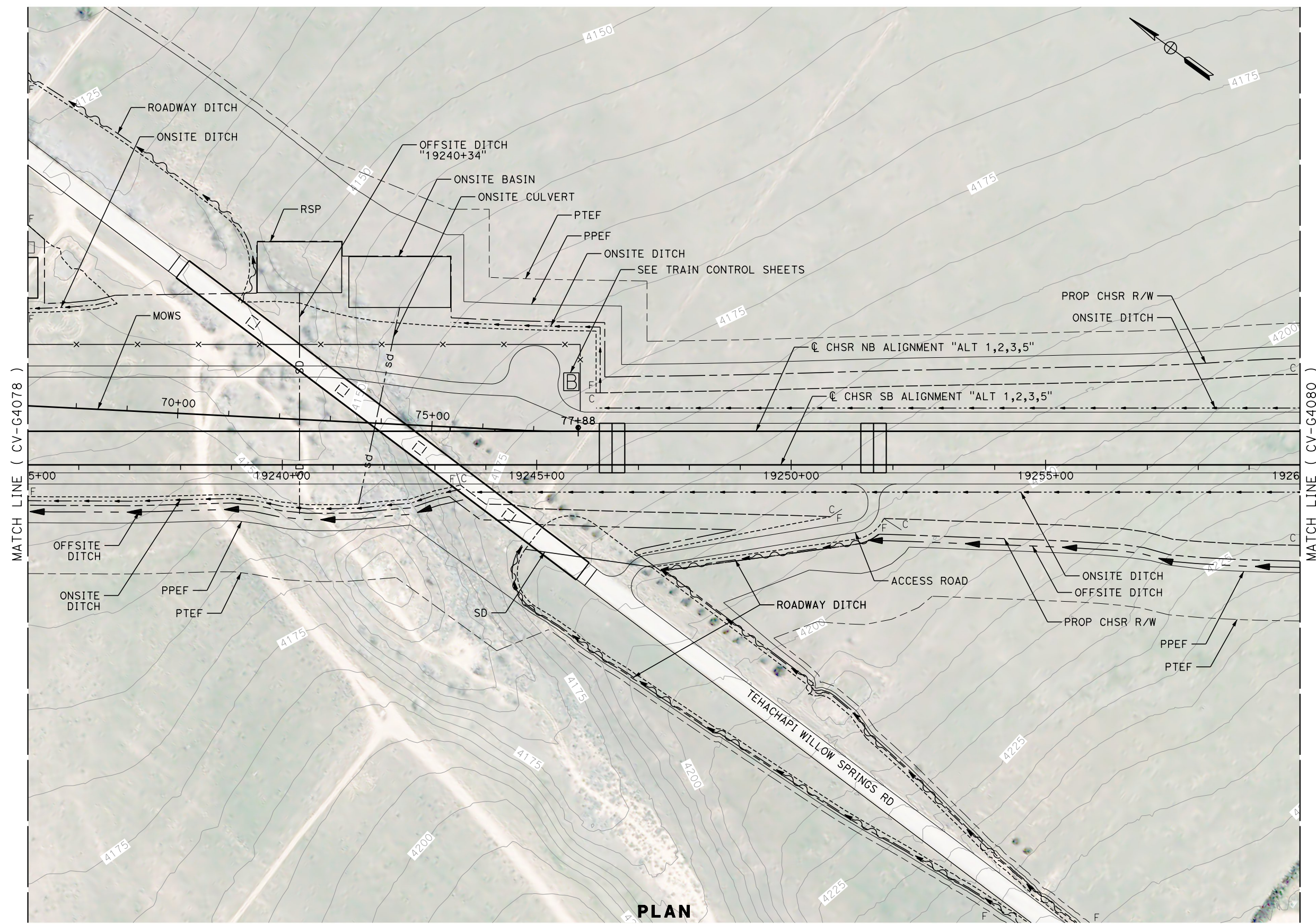


Projects\701206\_00\_CHSRBP\00\_CADD\Sheet\_Files\CV\G\BP-CV-G4079

5:45:49 PM

1/13/2021

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  
STA 19235+00 TO 19260+00

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4079  
SCALE  
AS SHOWN  
SHEET NO.  
190

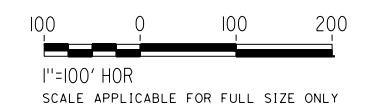
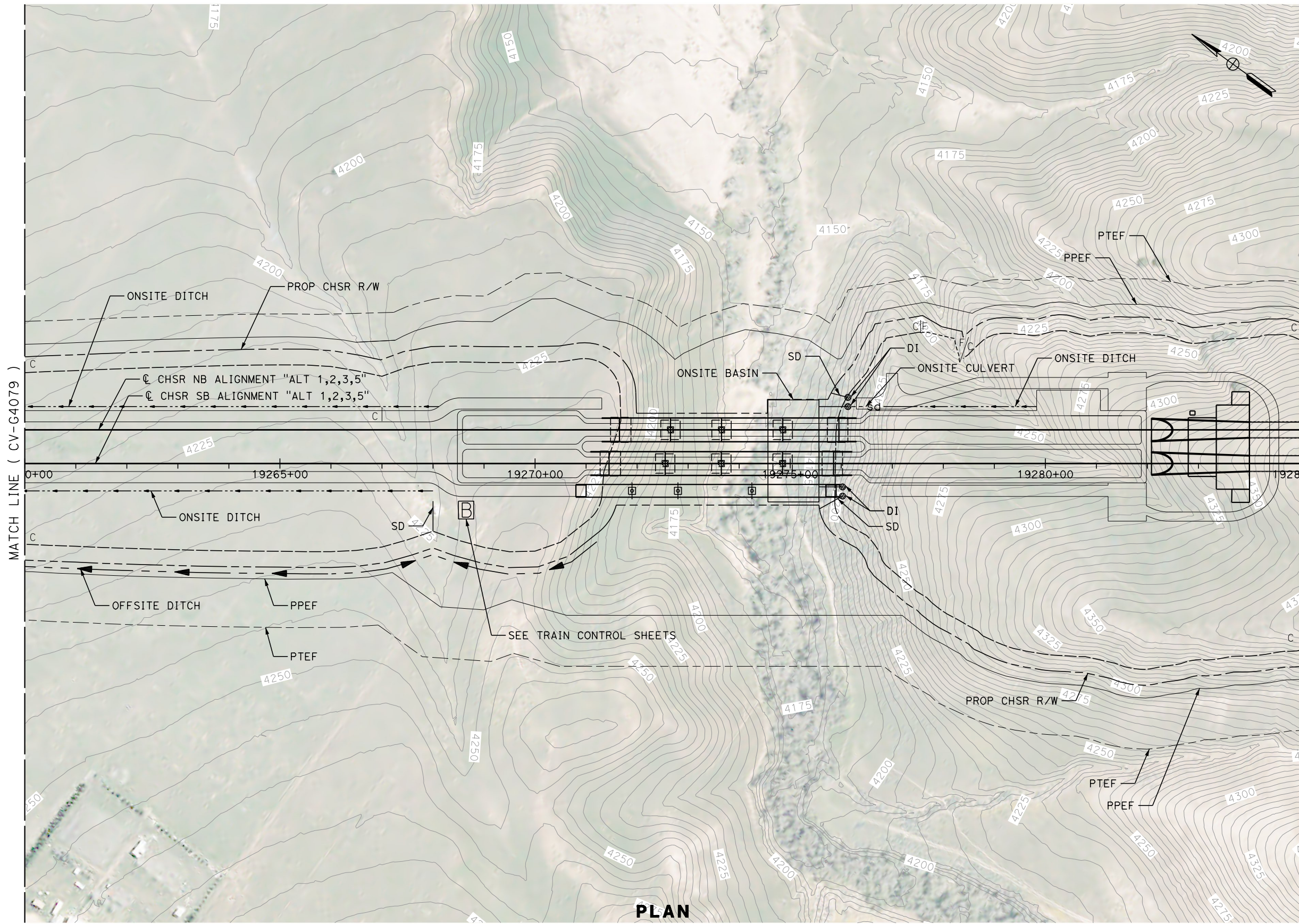


Projects\701206\_00\_CHSRBP\00\_CADD\Sheet\_Files\CV\G\BP-CV-G4080

5:46:09 PM

1/13/2021

Glenn.Yamanaka@tylin.com



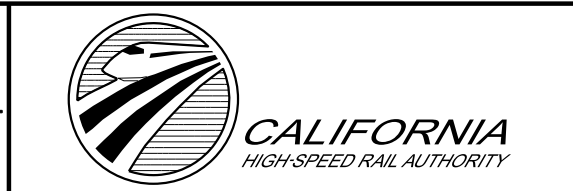
**PLAN**

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**G. YAMANAKA**  
DRAWN BY  
**V. CERON**  
CHECKED BY  
**G. YAMANAKA**  
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 19260+00 TO 19285+00

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4080  
SCALE  
AS SHOWN  
SHEET NO.  
191

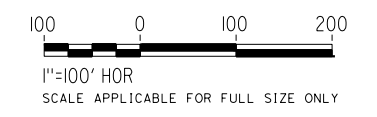
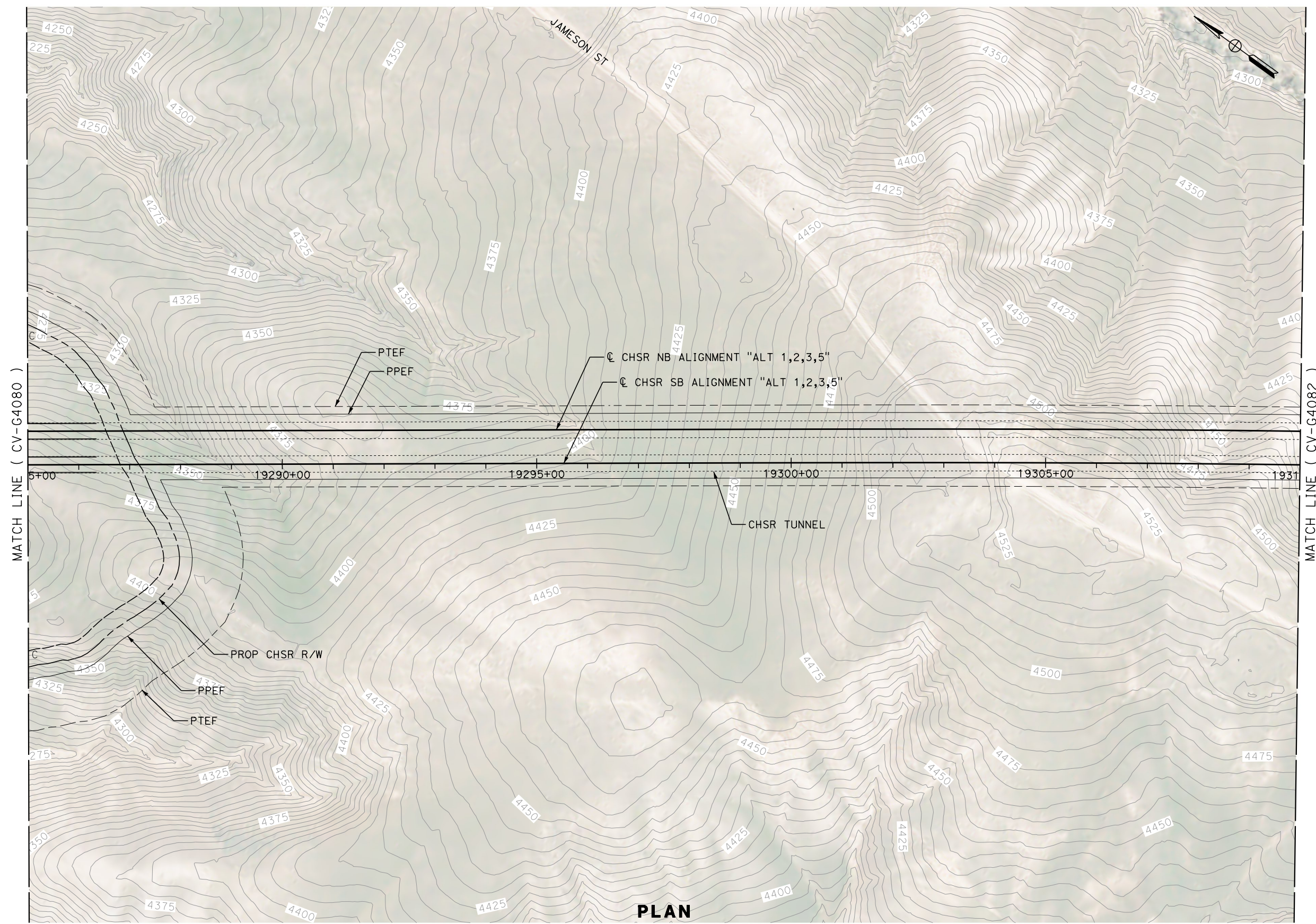


Projects\701206\_00\_CHSRBP\00\_CADD\Sheet\_Files\CV\G\BP-CV-G4081

5:45:48 PM

1/13/2021

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  
STA 19285+00 TO 19310+00

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4081  
SCALE  
AS SHOWN  
SHEET NO.  
192

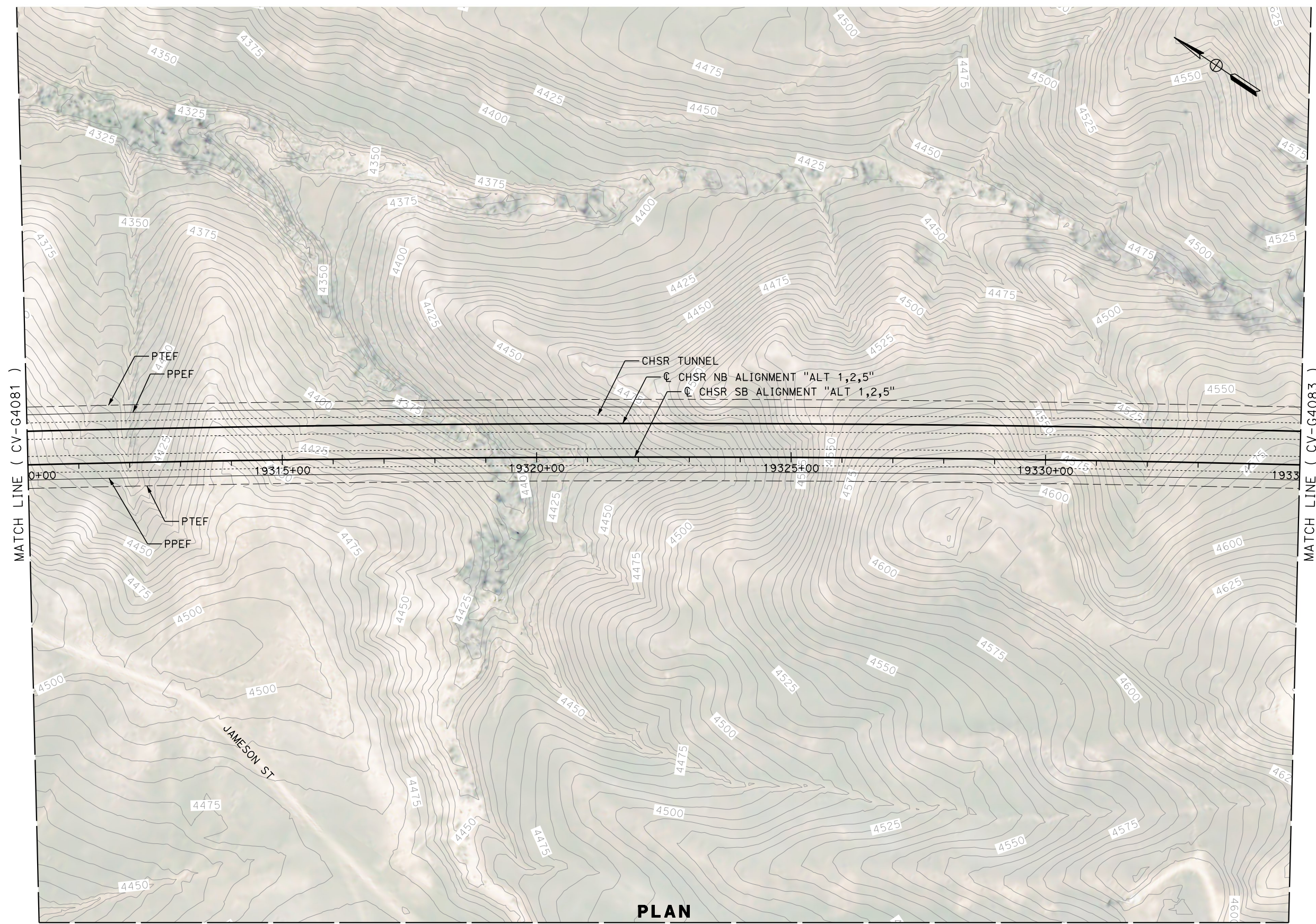


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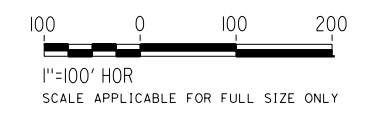
5:46:51 PM

1/13/2021

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**

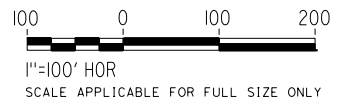
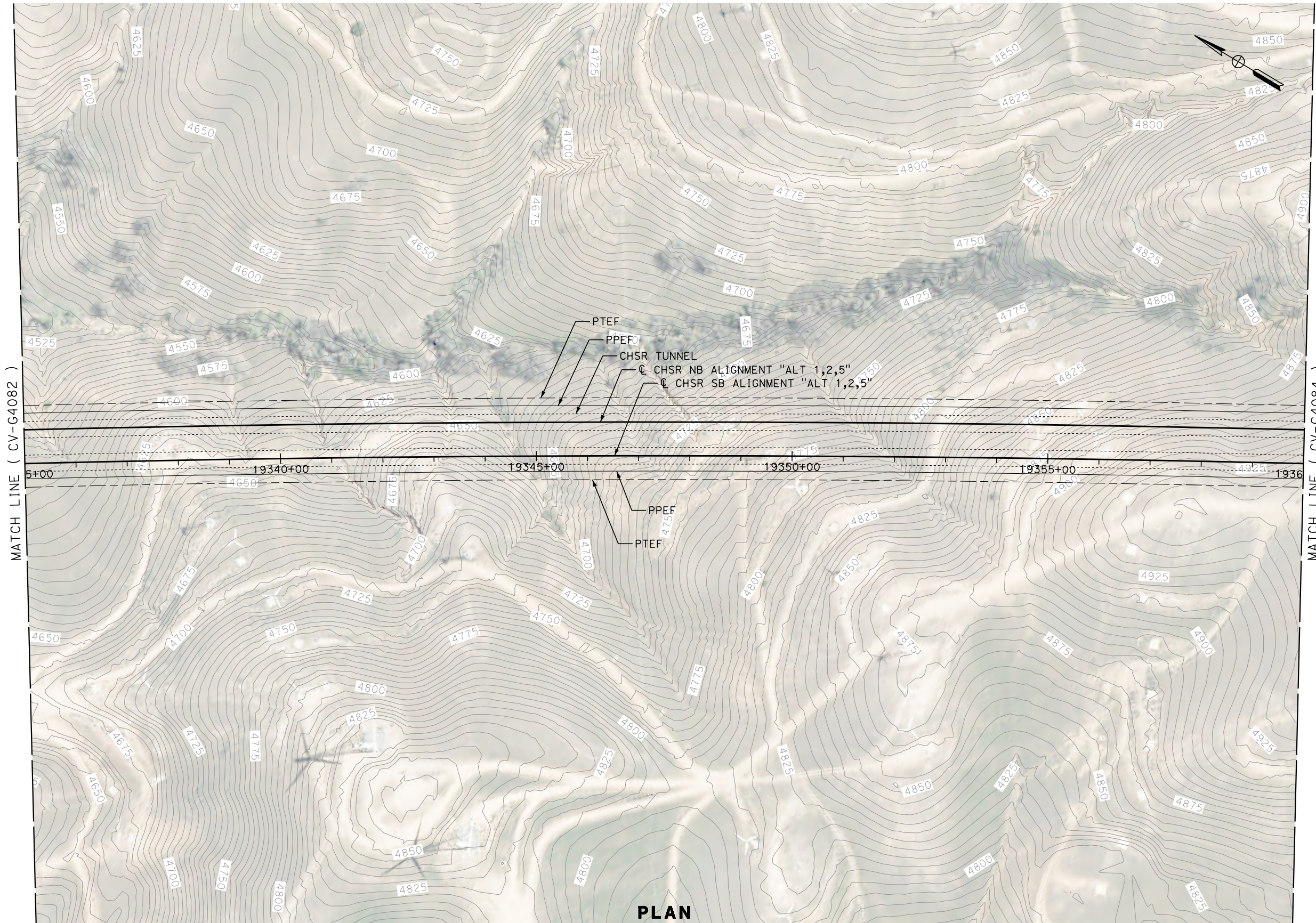


**CALIFORNIA HIGH-SPEED RAIL PROJECT  
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,5  
GRADING AND DRAINAGE  
PLAN  
STA 19310+00 TO 19335+00

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4082  
SCALE  
AS SHOWN  
SHEET NO.  
193





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**

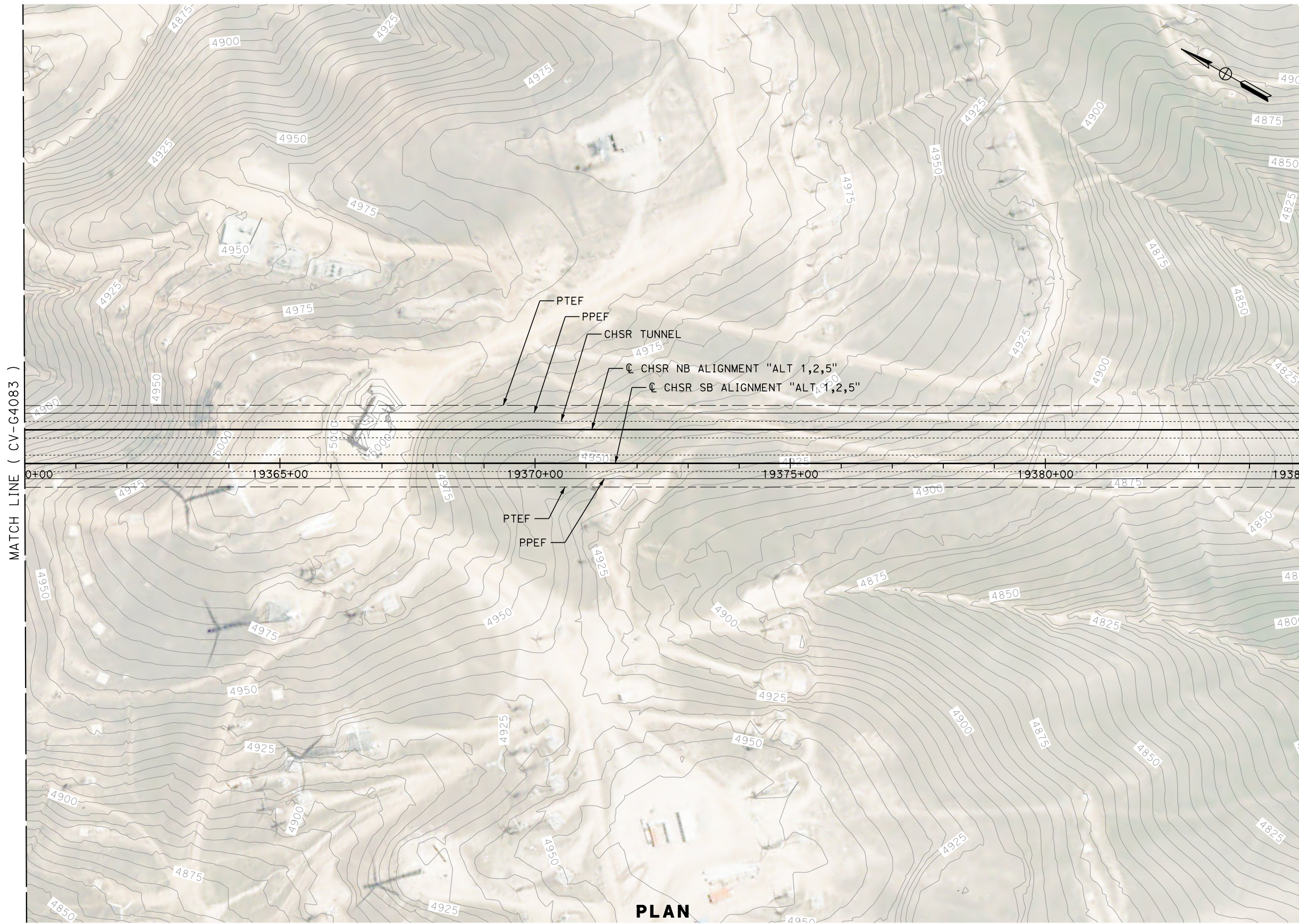
**NOT FOR  
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT  
BAKERSFIELD TO PALMDALE**  
ALTERNATIVE 1,2,5  
GRADING AND DRAINAGE  
PLAN  
STA 19335+00 TO 19360+00

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4083  
SCALE  
AS SHOWN  
SHEET NO.  
194

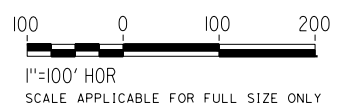




MATCH LINE ( CV-G4083 )

MATCH LINE ( CV-G4085 )

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**

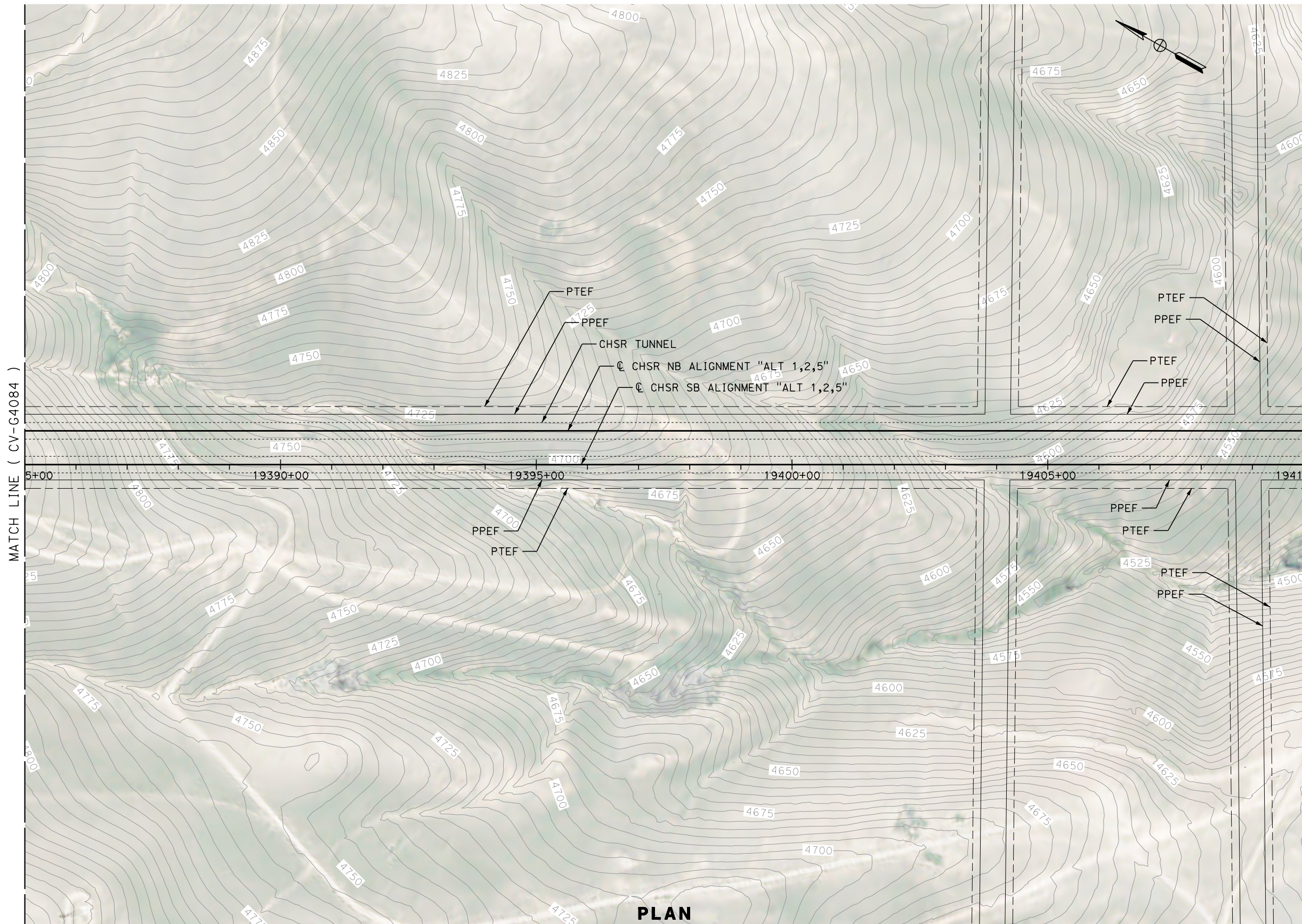
**NOT FOR**  
**CONSTRUCTION**



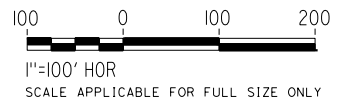
**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**BAKERSFIELD TO PALMDALE**  
ALTERNATIVE 1,2,5  
GRADING AND DRAINAGE  
PLAN  
STA 19360+00 TO 19385+00

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4084  
SCALE  
AS SHOWN  
SHEET NO.  
195





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**

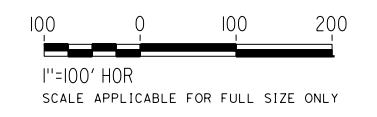
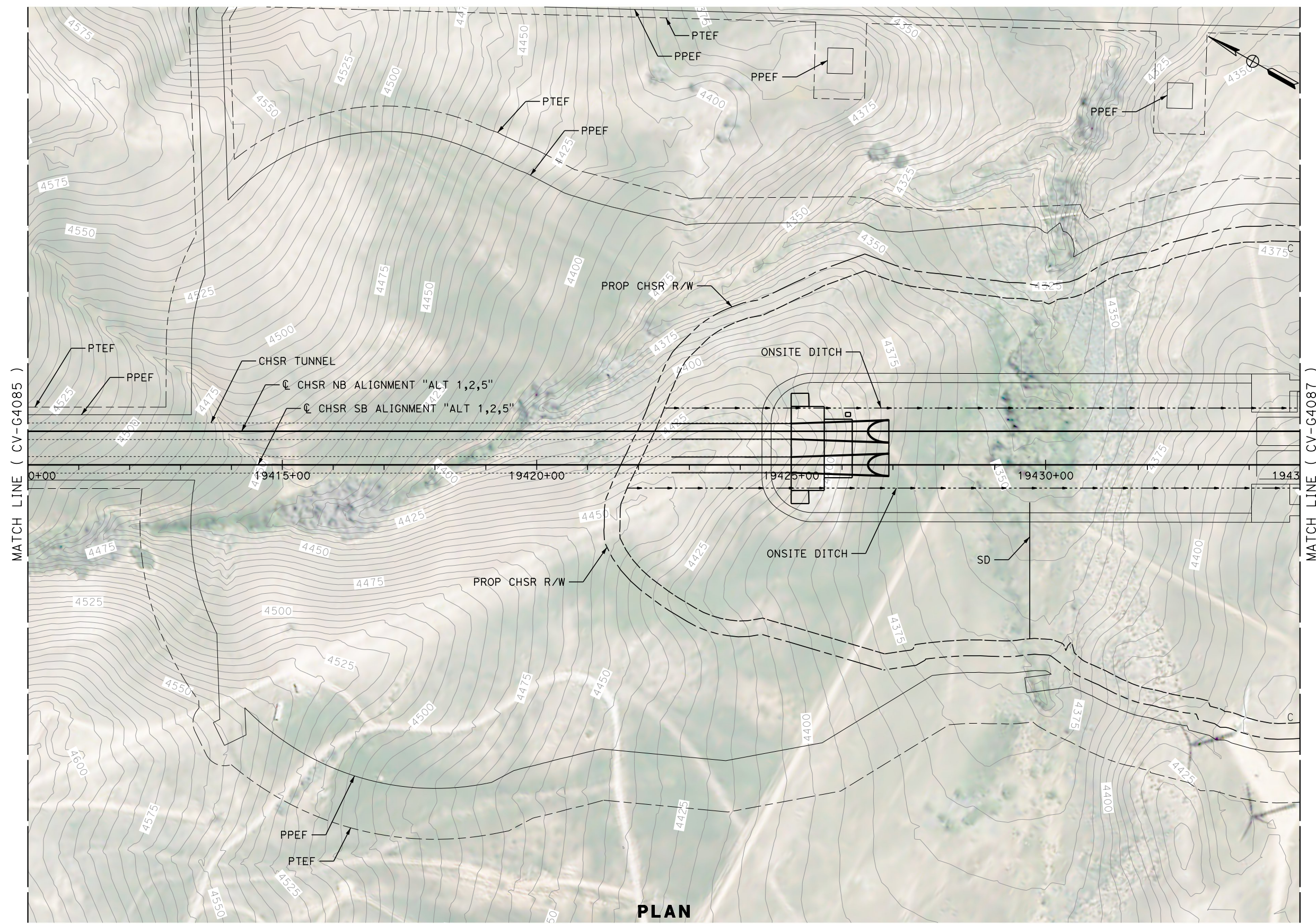


**CALIFORNIA HIGH-SPEED RAIL PROJECT  
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,5  
GRADING AND DRAINAGE  
PLAN  
STA 1938+00 TO 1941+00

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4085  
SCALE  
AS SHOWN  
SHEET NO.  
196





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  
STA 19410+00 TO 19435+00

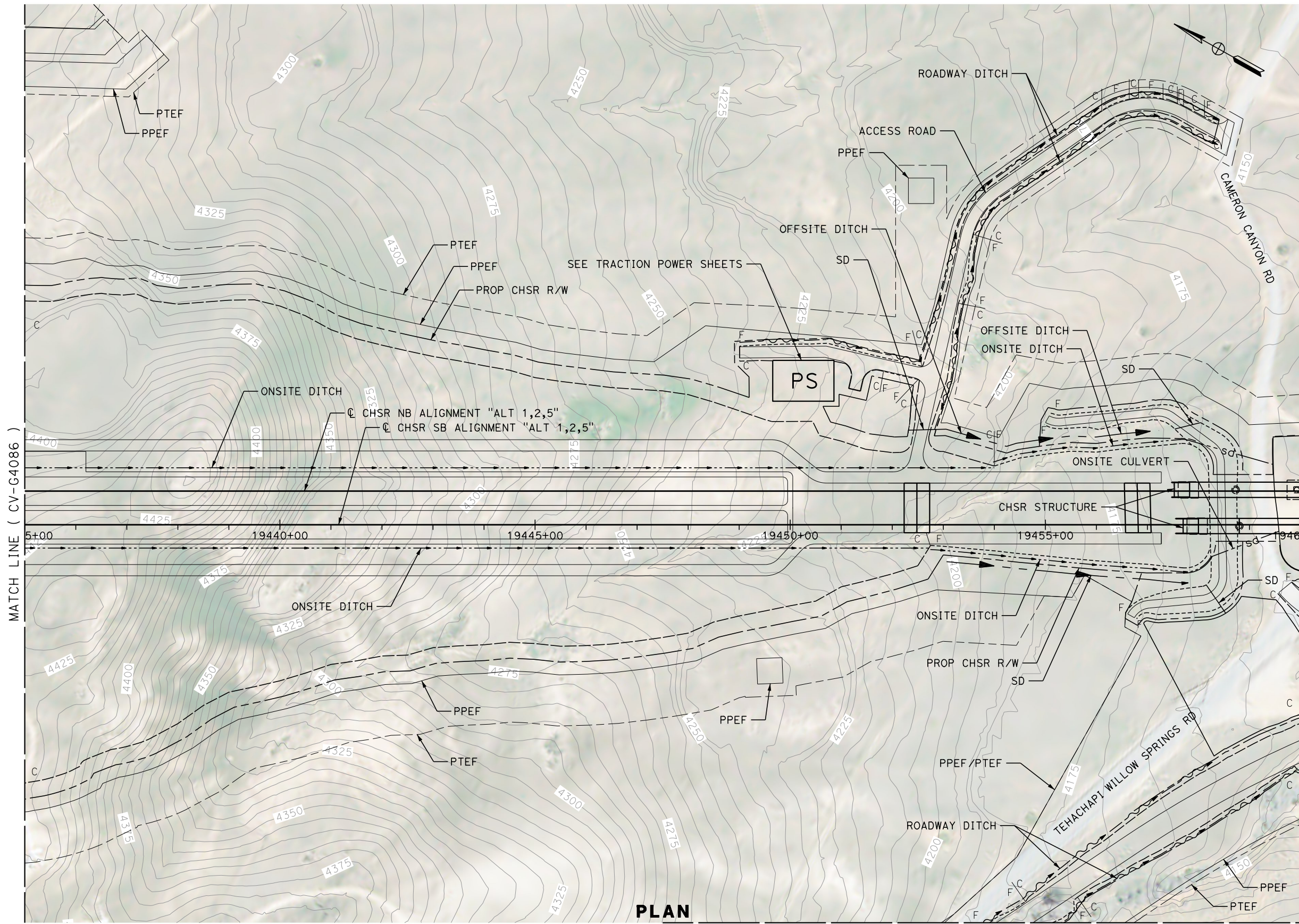
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HSR13-44

DRAWING NO.  
CV-G4086

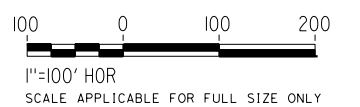
SCALE  
AS SHOWN

SHEET NO.  
197





**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  
STA 19435+00 TO 19460+00

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4087  
SCALE  
AS SHOWN  
SHEET NO.  
198







Projects\701206\_00\_CHSRBP\00\_CADD\Sheet\_Files\CV\G\BP-CV-G4088A

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1/13/2021

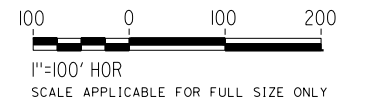
Glenn.Yamanaka@tylin.com

MATCH LINE ( CV-G4087 )

MATCH LINE ( CV-G4088 )



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**

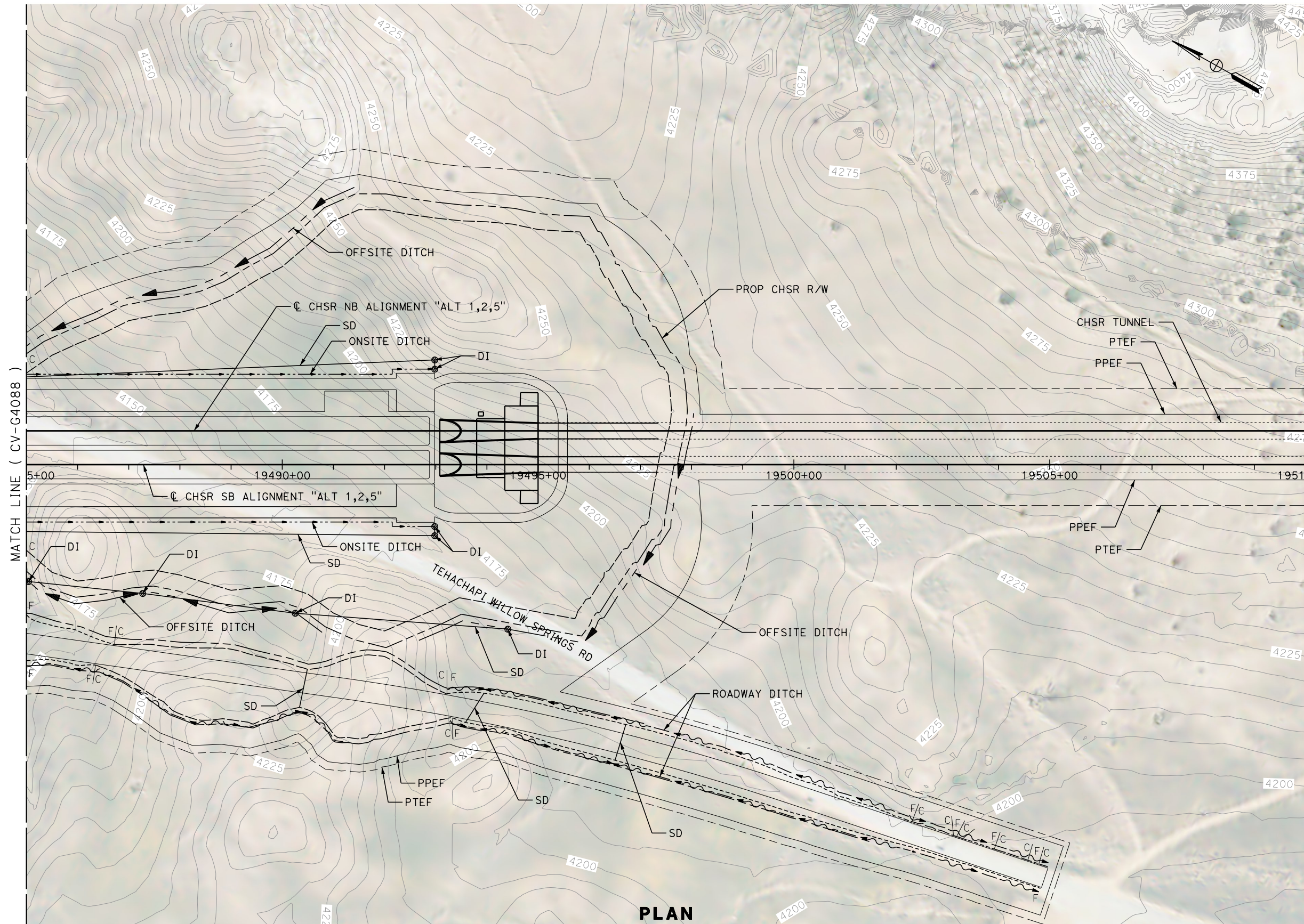


**CALIFORNIA HIGH-SPEED RAIL PROJECT  
BAKERSFIELD TO PALMDALE**

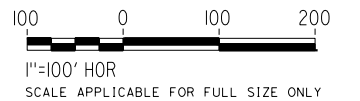
ALTERNATIVE 1,2,5  
GRADING AND DRAINAGE  
PLAN  
ACCESS ROAD STA 19475+00

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4088A  
SCALE  
AS SHOWN  
SHEET NO.  
200





**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  
STA 19485+00 TO 19510+00

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4089  
SCALE  
AS SHOWN  
SHEET NO.  
201