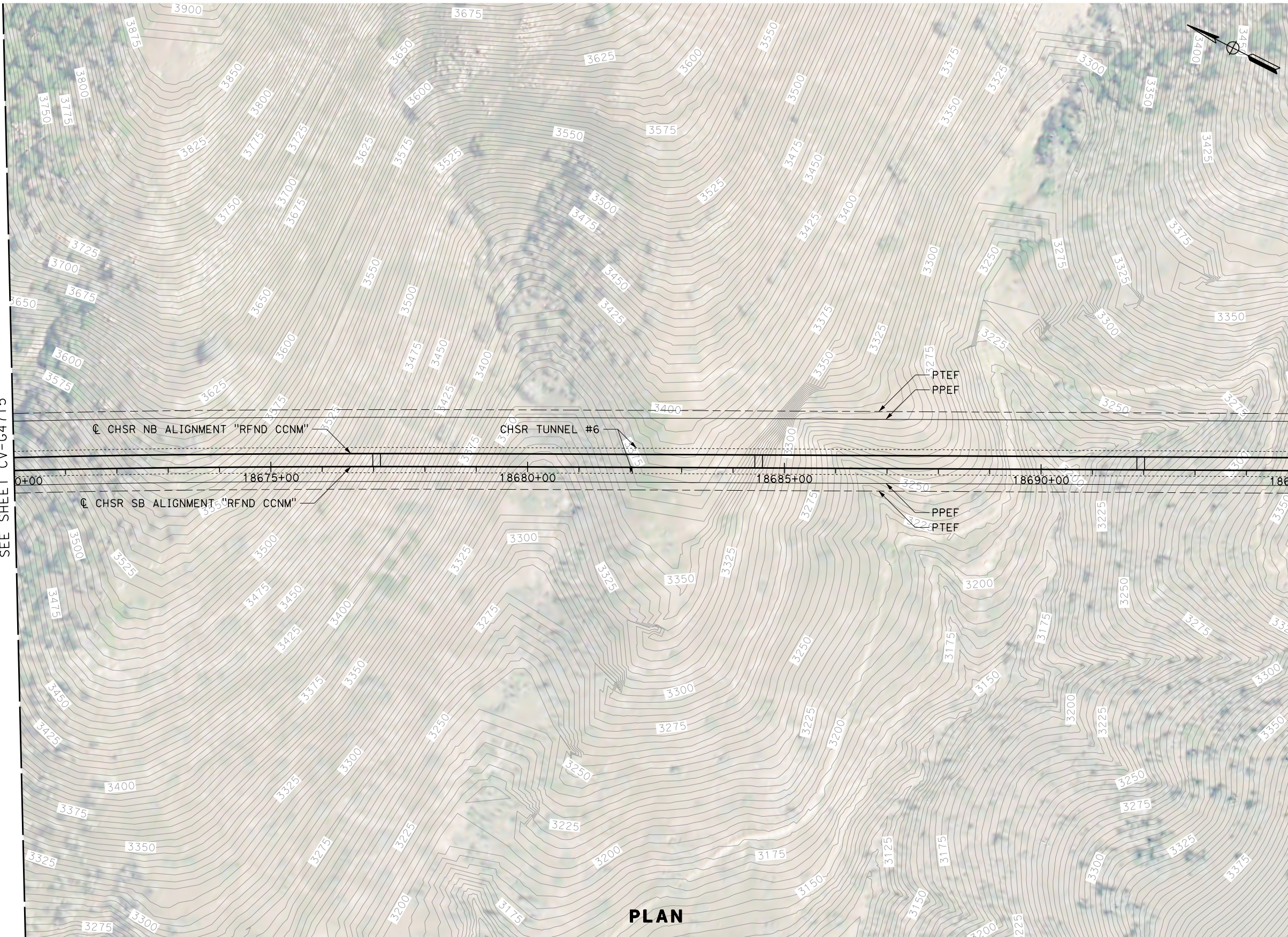
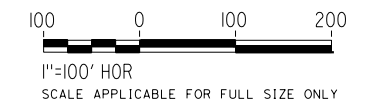


MATCH LINE STA 18670+00
SEE SHEET CV-G4715

MATCH LINE STA 18695+00
SEE SHEET CV-G4717



PLAN

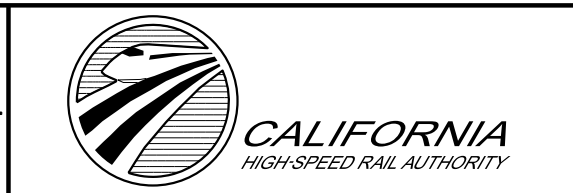


REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
G. YAMANAKA
DRAWN BY
M. BLACET
CHECKED BY
G. YAMANAKA
IN CHARGE
G. CAMPBELL
DATE
01/24/2020

**RECORD
PEPD
SUBMITTAL**

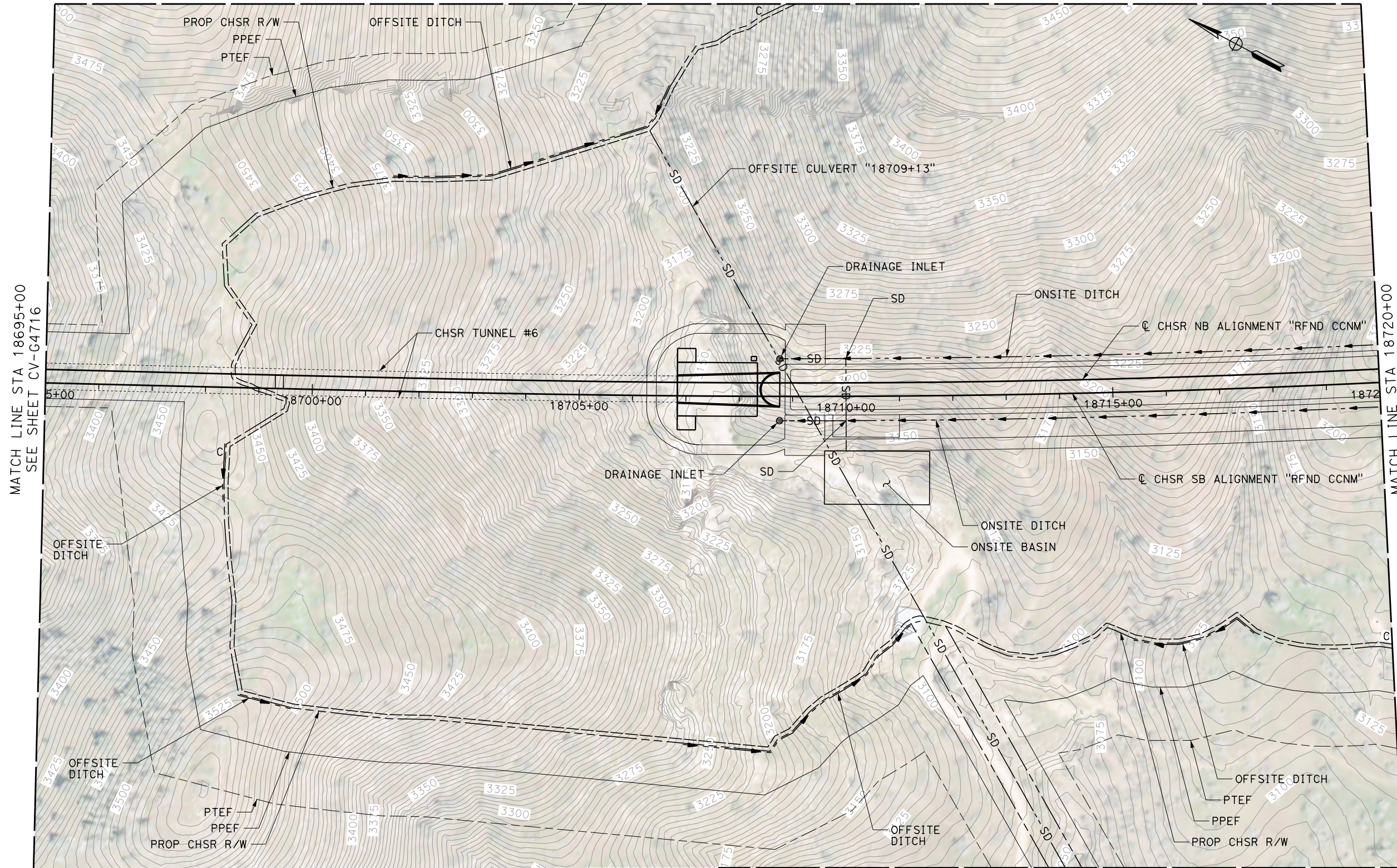
**NOT FOR
CONSTRUCTION**



CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
REFINED CCNM DESIGN OPTION
GRADING AND DRAINAGE
PLAN
STA 18670+00 to 18695+00

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-G4716
SCALE
AS SHOWN
SHEET NO.

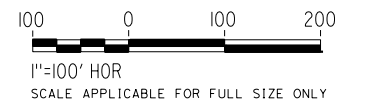
MATCH LINE
SEE SHEET CV-G4740



MATCH LINE STA 18695+00
SEE SHEET CV-G4716

MATCH LINE STA 18720+00
SEE SHEET CV-G4718

MATCH LINE
SEE SHEET CV-G4741



PLAN

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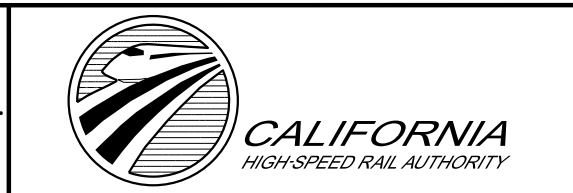
megan.blacet@tylin.com

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
G. YAMANAKA
DRAWN BY
M. BLACET
CHECKED BY
G. YAMANAKA
IN CHARGE
G. CAMPBELL
DATE
01/24/2020

**RECORD
PEPD
SUBMITTAL**

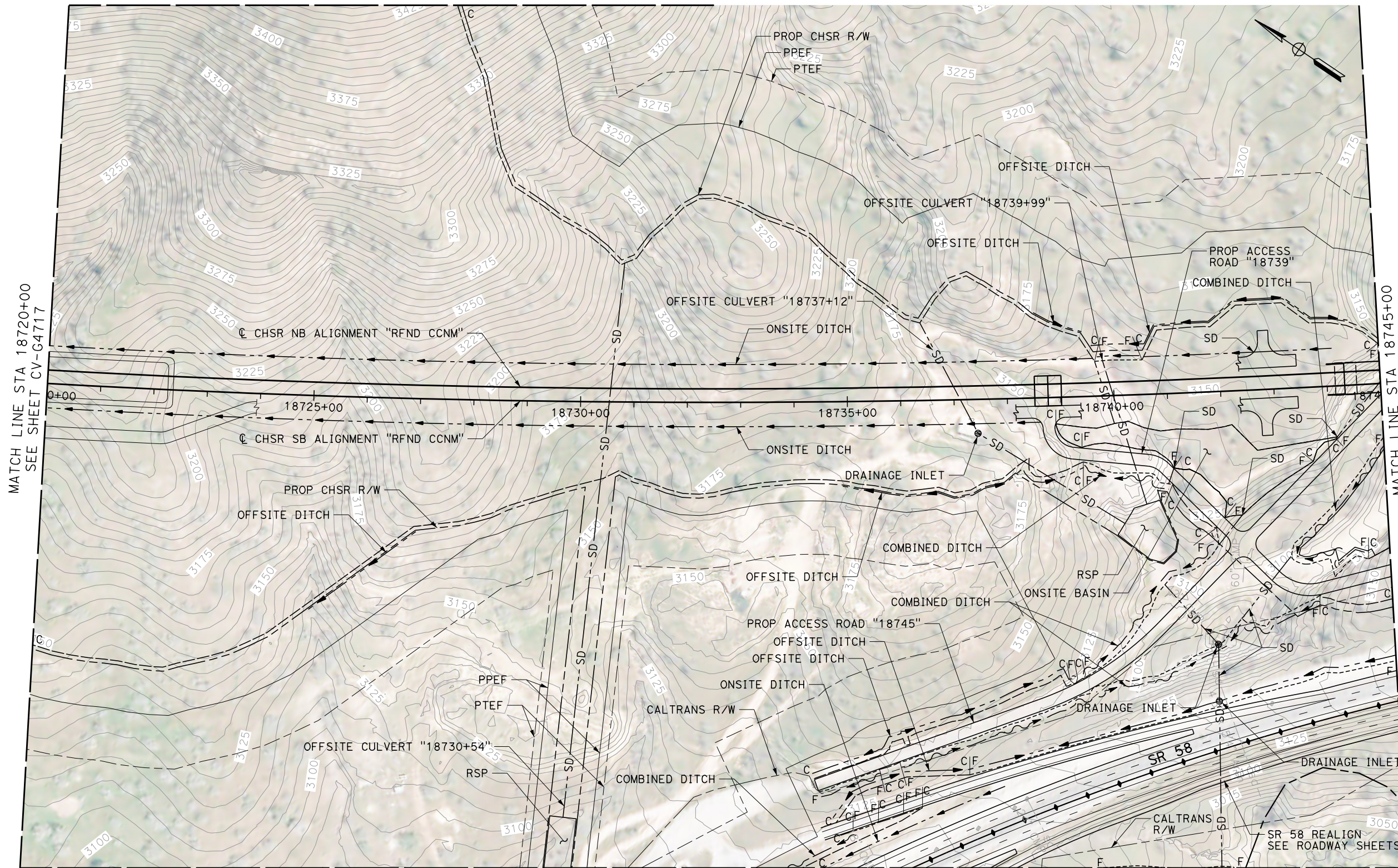
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CONSTRUCTION**



CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
REFINED CCNM DESIGN OPTION
GRADING AND DRAINAGE
PLAN
STA 18695+00 to 18720+00

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-G4717
SCALE
AS SHOWN
SHEET NO.

MATCH LINE
SEE SHEET CV-G4740

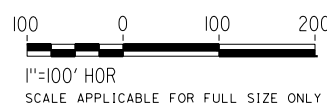


MATCH LINE STA 18720+00
SEE SHEET CV-G4717

MATCH LINE STA 18745+00
SEE SHEET CV-G4719

MATCH LINE
SEE SHEET CV-G4741

MATCH LINE
SEE SHEET CV-G4742



PLAN

1/24/2020 7:28:52 PM Projects\701206.00_CHSRBP\00_CADD\CCNM Op\Plan D\Sheets\CV\G\BP-CV-G4718

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DESIGNED BY
G. YAMANAKA
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G. CAMPBELL
DATE
01/24/2020

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**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
REFINED CCNM DESIGN OPTION
GRADING AND DRAINAGE
PLAN
STA 18720+00 to 18745+00

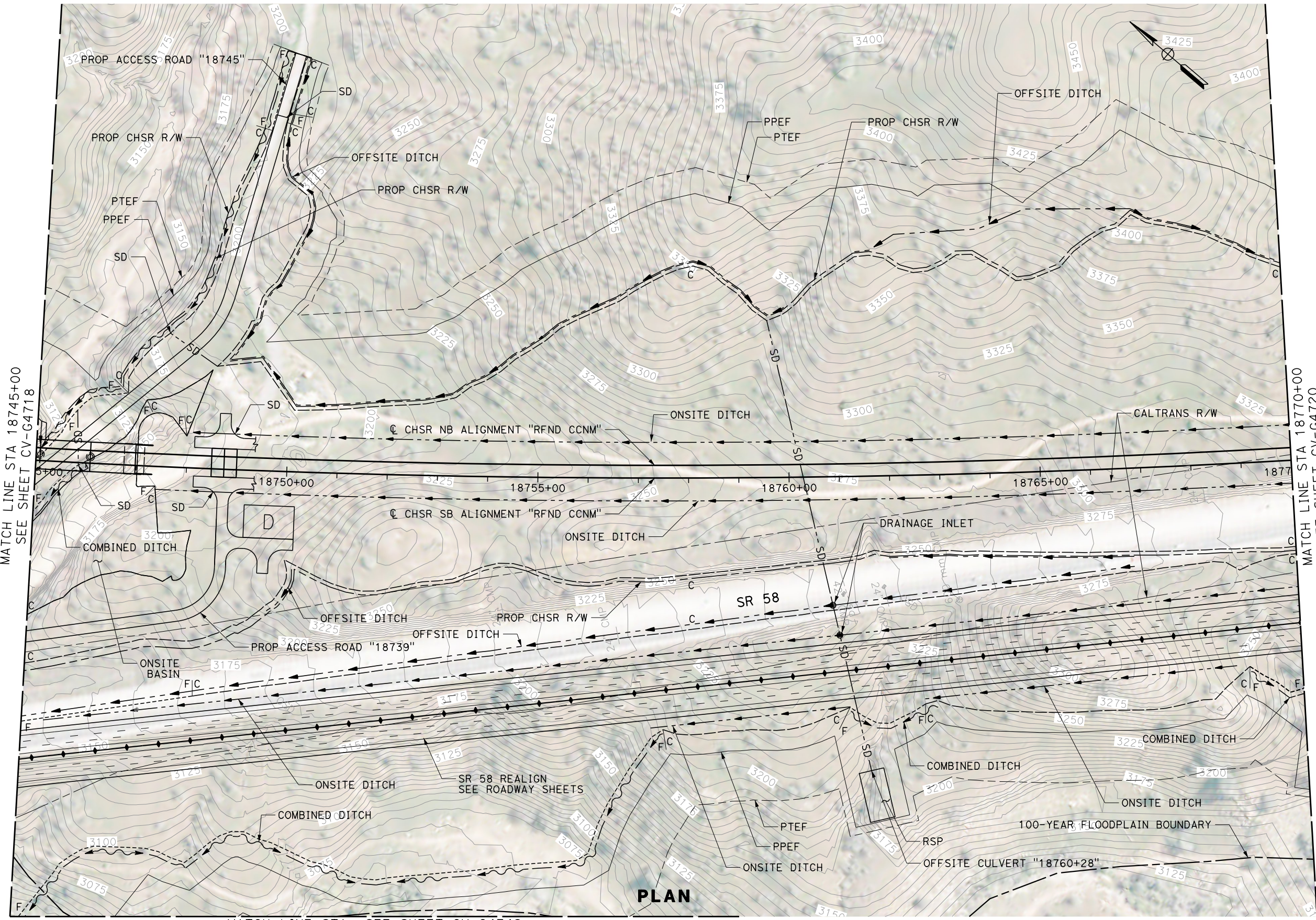
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HSR13-44
DRAWING NO.
CV-G4718
SCALE
AS SHOWN
SHEET NO.

Projects\701206.00_CHSRBP\00_CADD\CCNM_Op\10n D:\Sheets\CV\G\BP-CV-G4719

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1/24/2020

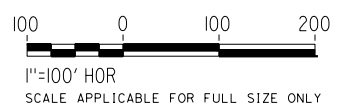
megan.blacet@tylin.com



MATCH LINE STA 18745+00
SEE SHEET CV-G4718

MATCH LINE STA 18770+00
SEE SHEET CV-G4720

PLAN



MATCH LINE STA SEE SHEET CV-G4742

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
G. YAMANAKA

DRAWN BY
M. BLACET

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G. YAMANAKA

IN CHARGE
G. CAMPBELL

DATE
01/24/2020

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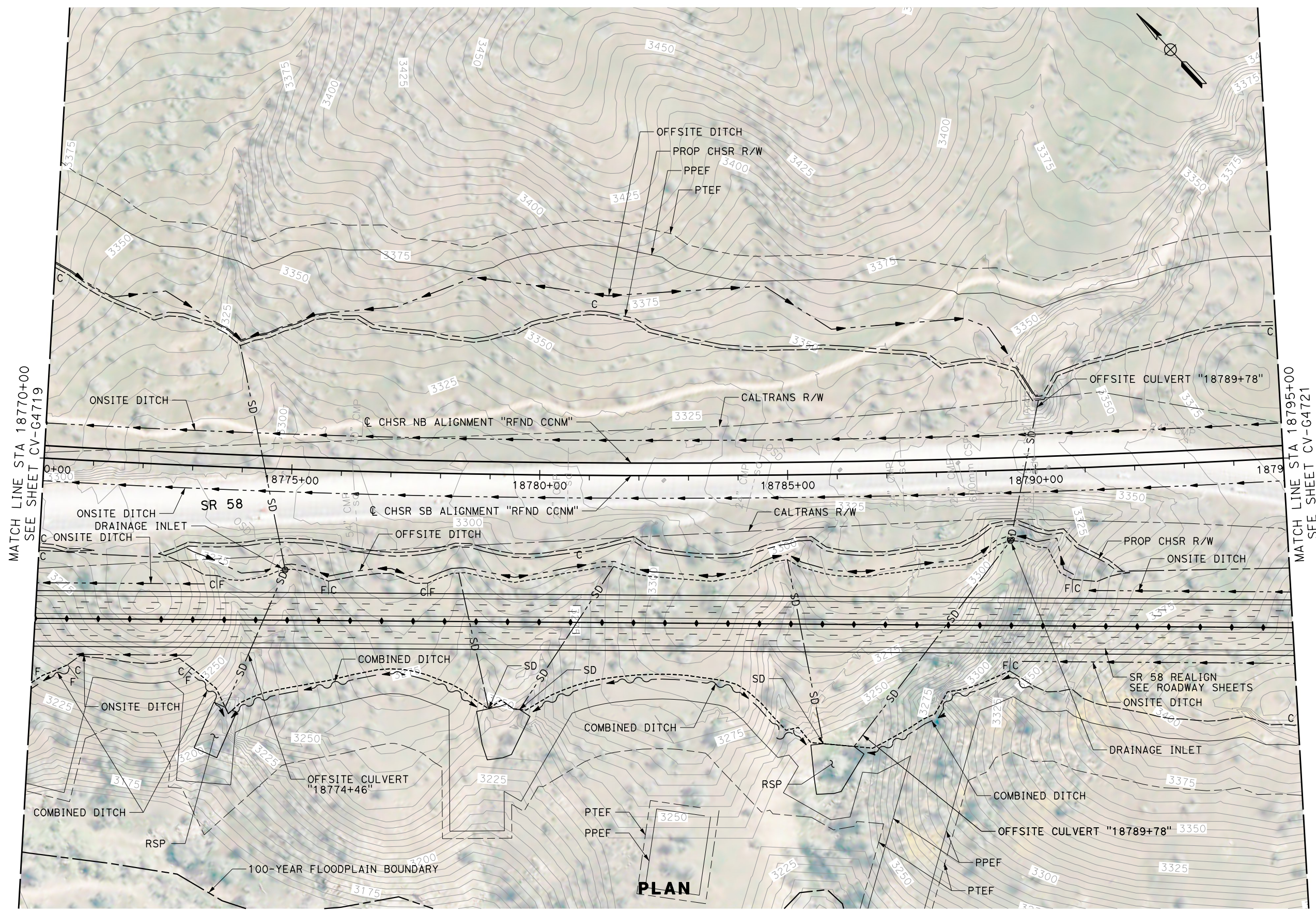
CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
 REFINED CCNM DESIGN OPTION
 GRADING AND DRAINAGE
 PLAN
 STA 18745+00 to 18770+00

CONTRACT NO.
HSR13-44

DRAWING NO.
CV-G4719

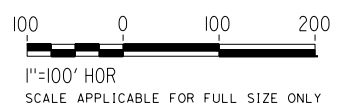
SCALE
AS SHOWN

SHEET NO.



MATCH LINE STA 18770+00
SEE SHEET CV-G4719

MATCH LINE STA 18795+00
SEE SHEET CV-G4721



PLAN

REV	DATE	BY	CHK	APP	DESCRIPTION

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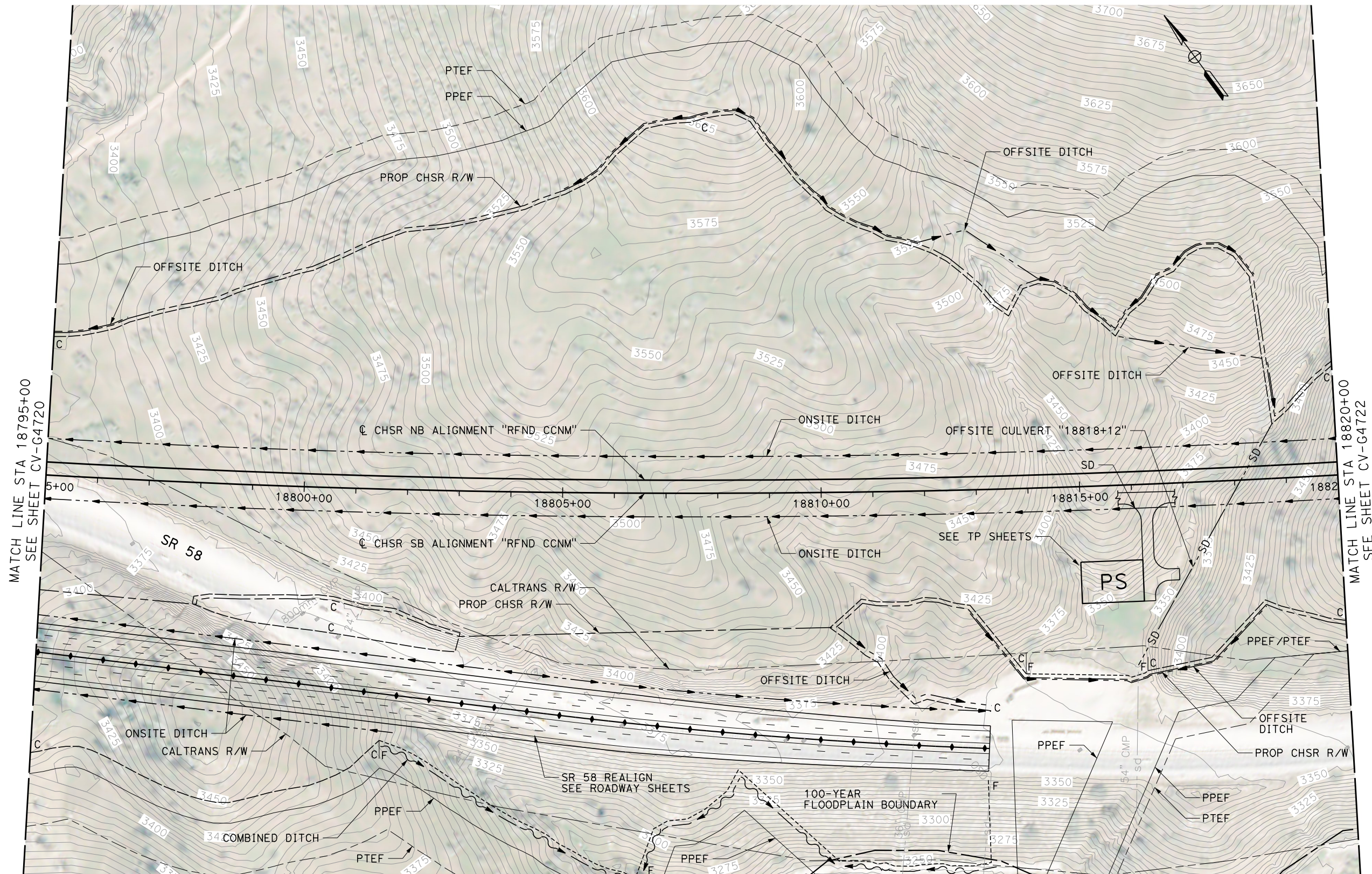
**NOT FOR
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**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
REFINED CCNM DESIGN OPTION
GRADING AND DRAINAGE
PLAN
STA 18770+00 to 18795+00

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-G4720
SCALE
AS SHOWN
SHEET NO.

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 1/24/2020

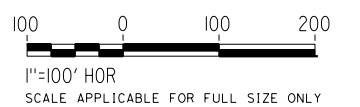


MATCH LINE STA 18795+00
 SEE SHEET CV-G4720

MATCH LINE STA 18820+00
 SEE SHEET CV-G4722

MATCH LINE
 SEE SHEET CV-G4743

PLAN



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
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M. BLACET
 CHECKED BY
G. YAMANAKA
 IN CHARGE
G. CAMPBELL
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01/24/2020

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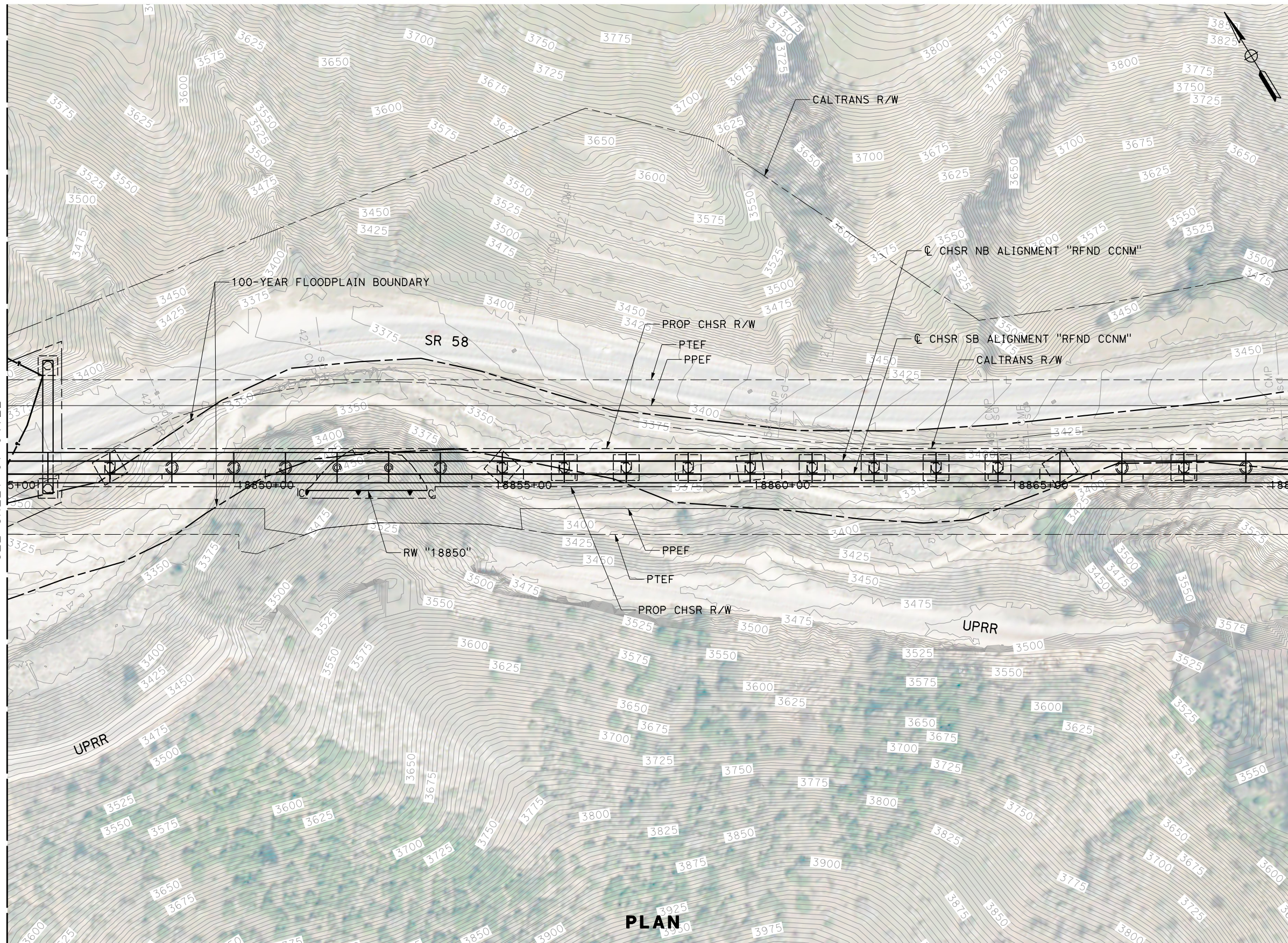


**CALIFORNIA HIGH-SPEED RAIL PROJECT
 BAKERSFIELD TO PALMDALE**
 REFINED CCNM DESIGN OPTION
 GRADING AND DRAINAGE
 PLAN
 STA 18795+00 to 18820+00

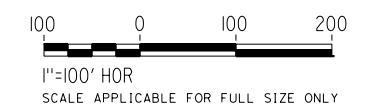
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CV-G4721
 SCALE
AS SHOWN
 SHEET NO.

MATCH LINE STA 18845+00
SEE SHEET CV-G4722

MATCH LINE STA 18870+00
SEE SHEET CV-G4724



PLAN



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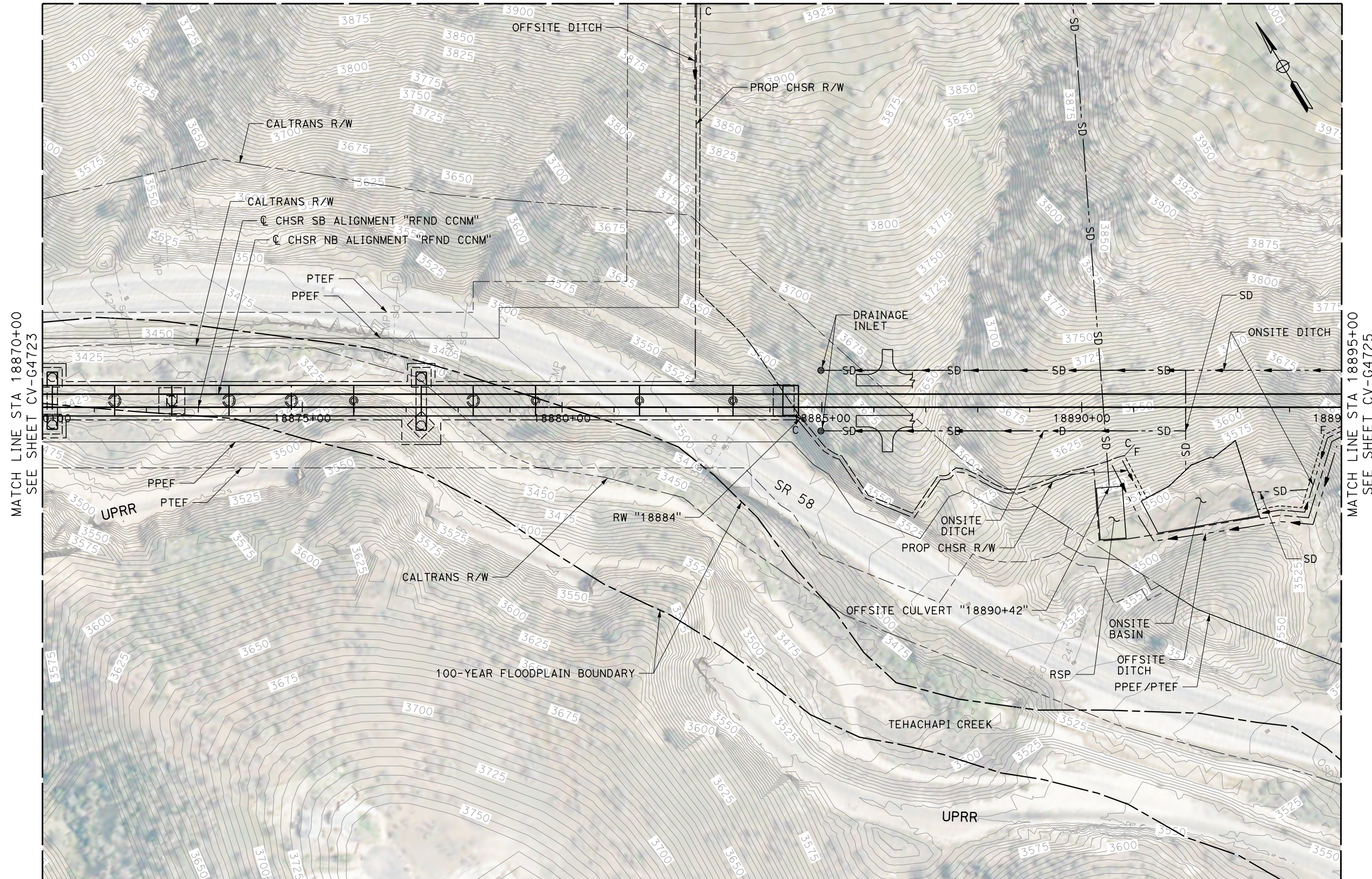
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CONSTRUCTION**



CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
REFINED CCNM DESIGN OPTION
GRADING AND DRAINAGE
PLAN
STA 18845+00 to 18870+00

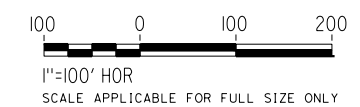
CONTRACT NO.
HSR13-44
DRAWING NO.
CV-G4723
SCALE
AS SHOWN
SHEET NO.

MATCH LINE
SEE SHEET CV-G4745



MATCH LINE STA 18870+00
SEE SHEET CV-G4723

MATCH LINE STA 18895+00
SEE SHEET CV-G4725



PLAN

Projects\701206.00_CHSRBP\00_CADD\CCNM Op\Plan D\Sheets\CV\G\BP-CV-G4724
7:24:06 PM
1/24/2020
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G. YAMANAKA
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M. BLACET
CHECKED BY
G. YAMANAKA
IN CHARGE
G. CAMPBELL
DATE
01/24/2020

**RECORD
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SUBMITTAL**

**NOT FOR
CONSTRUCTION**

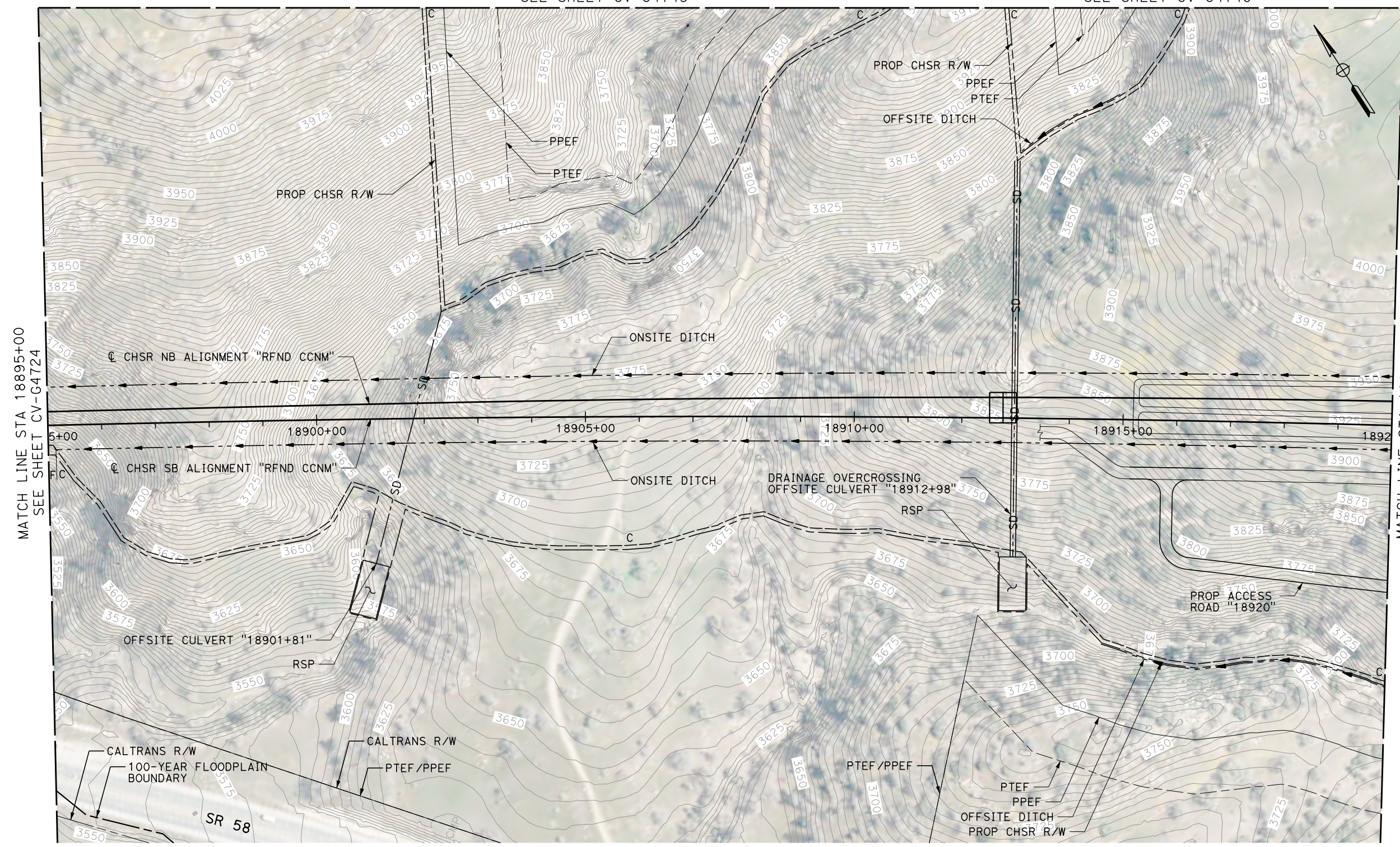


**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
REFINED CCNM DESIGN OPTION
GRADING AND DRAINAGE
PLAN
STA 18870+00 to 18895+00

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-G4724
SCALE
AS SHOWN
SHEET NO.

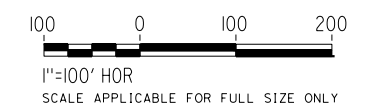
MATCH LINE
SEE SHEET CV-G4745

MATCH LINE
SEE SHEET CV-G4746



MATCH LINE STA 18895+00
SEE SHEET CV-G4724

MATCH LINE STA 18920+00
SEE SHEET CV-G4726



PLAN

Projects\701206.00_CHSRBP\00_CADD\CCNM Op\10n D\Sheets\CV\G\BP-CV-G4725
7:23:25 PM
1/24/2020

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G. YAMANAKA
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CHECKED BY
G. YAMANAKA
IN CHARGE
G. CAMPBELL
DATE
01/24/2020

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PEPD
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**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
REFINED CCNM DESIGN OPTION
GRADING AND DRAINAGE
PLAN
STA 18895+00 to 18920+00

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-G4725
SCALE
AS SHOWN
SHEET NO.

Projects\701206.00_CHSRBP\00_CADD\CCNM Op\1ion D\Sheets\CV\G\BP-CV-G4726

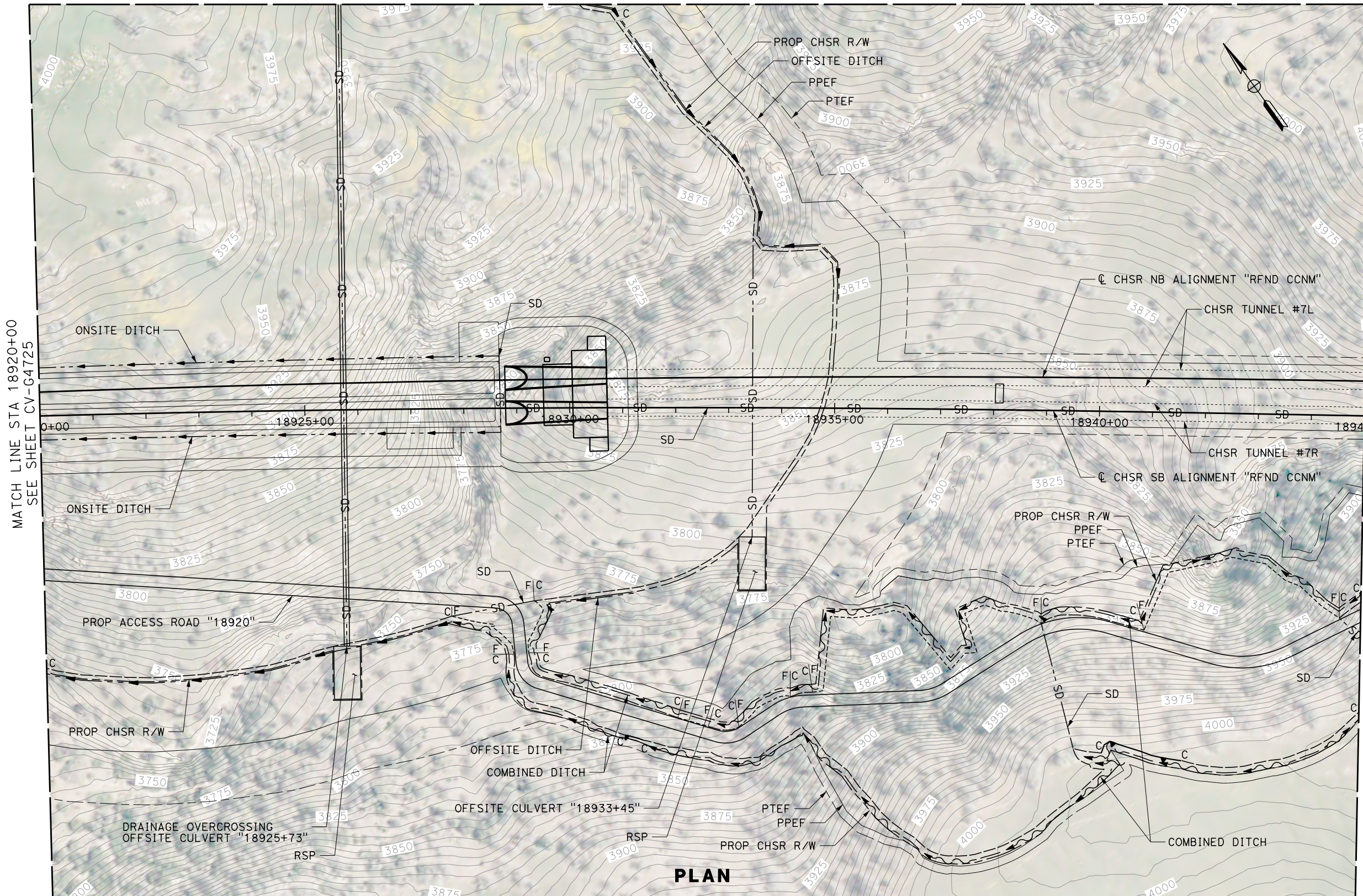
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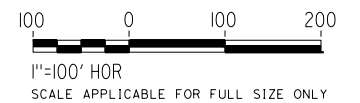
megan.blacet@tylin.com

MATCH LINE
SEE SHEET CV-G4745

MATCH LINE
SEE SHEET CV-G4746



PLAN



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
G. YAMANAKA
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M. BLACET
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G. YAMANAKA
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G. CAMPBELL
DATE
01/24/2020

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**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
REFINED CCNM DESIGN OPTION
GRADING AND DRAINAGE
PLAN
STA 18920+00 to 18945+00

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-G4726
SCALE
AS SHOWN
SHEET NO.

Projects\701206.00_CHSRBP\00_CADD\CCNM Option D\Sheets\CV\G\BP-CV-G4727

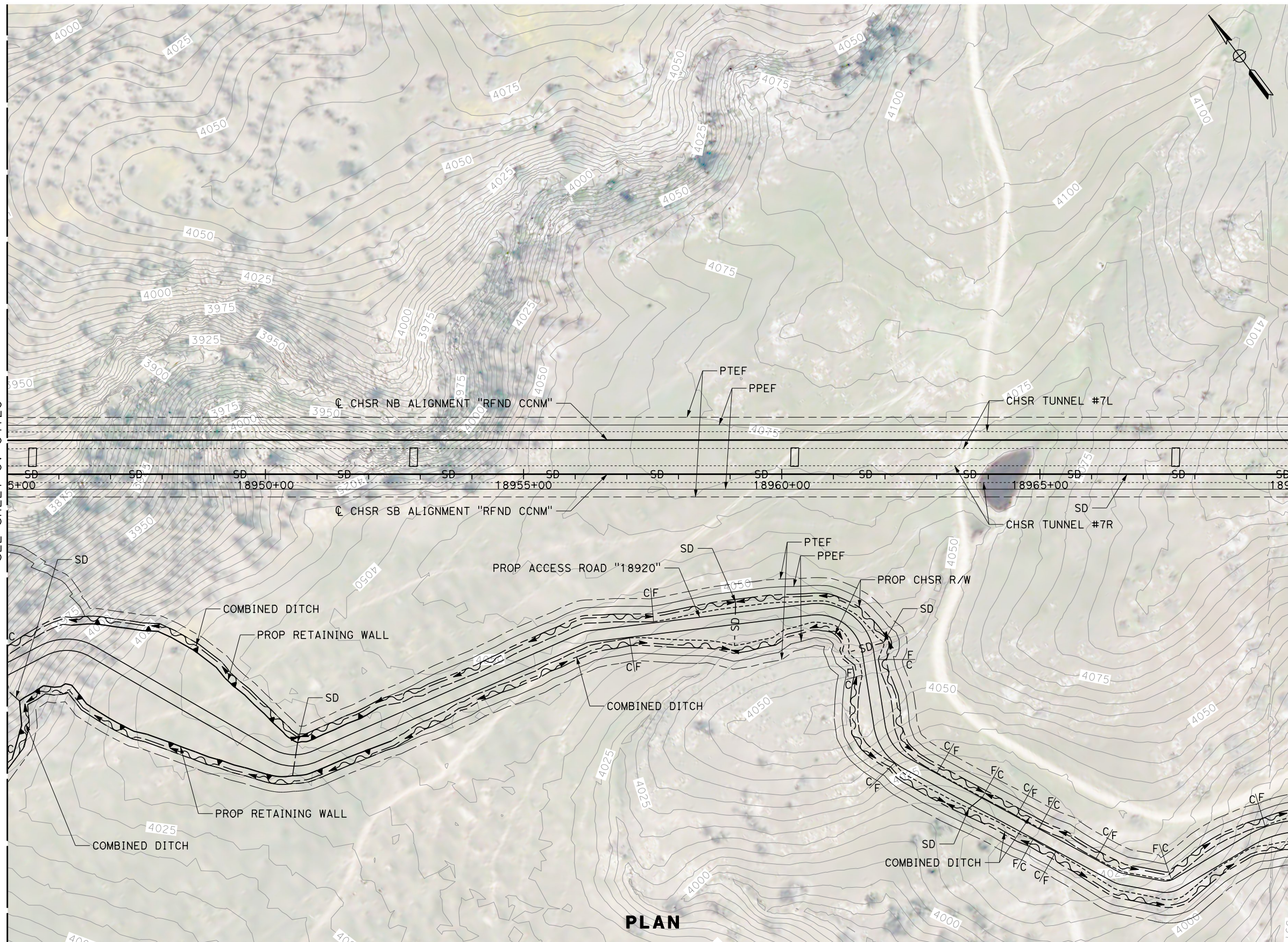
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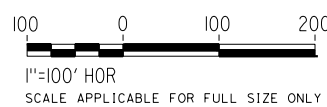
megan.blacet@tylin.com

MATCH LINE STA 18945+00
SEE SHEET CV-G4726

MATCH LINE STA 18970+00
SEE SHEET CV-G4728



PLAN



REV	DATE	BY	CHK	APP	DESCRIPTION

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G. CAMPBELL

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01/24/2020

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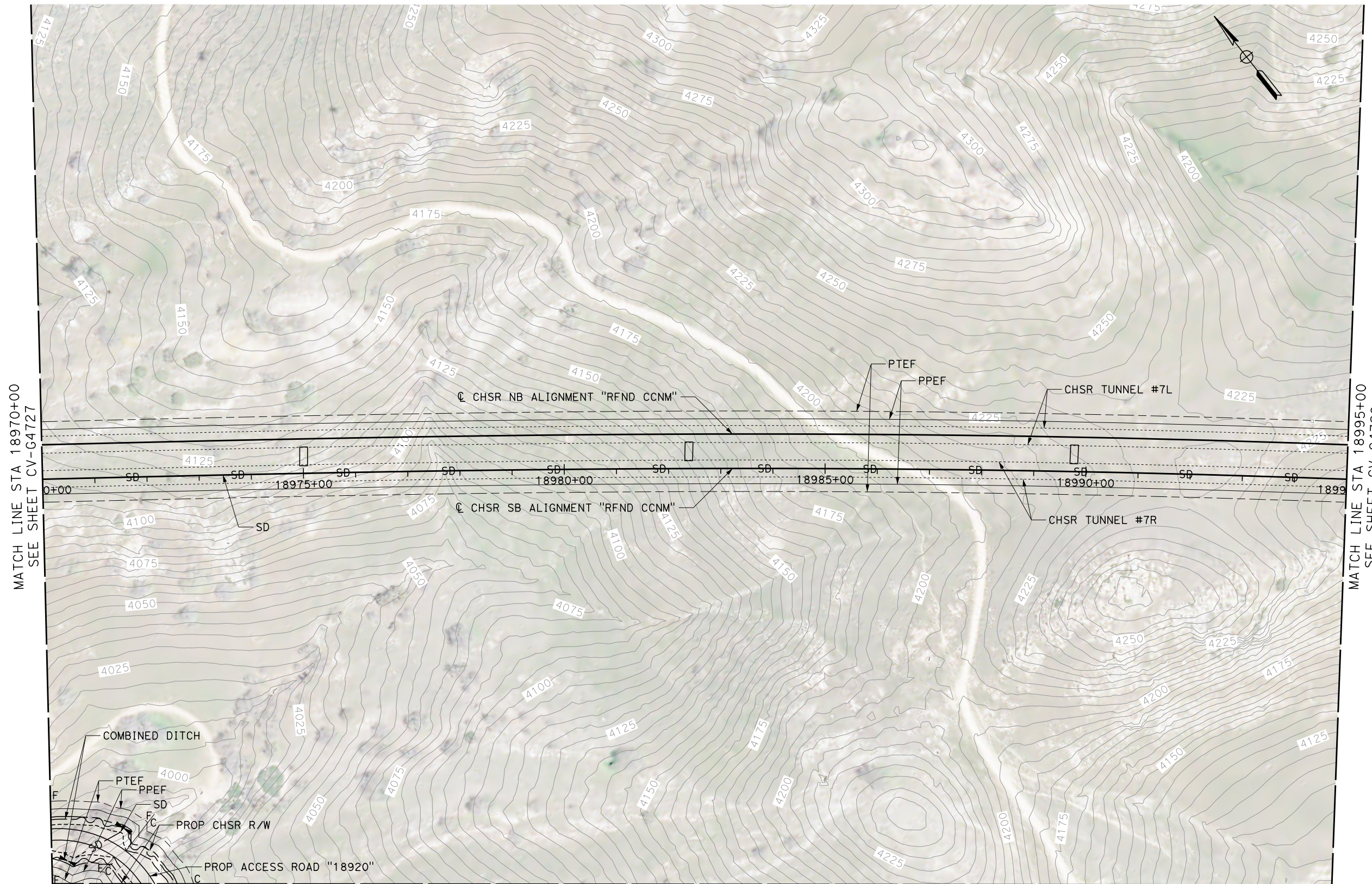
CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
 REFINED CCNM DESIGN OPTION
 GRADING AND DRAINAGE
 PLAN
 STA 18945+00 to 18970+00

CONTRACT NO.
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DRAWING NO.
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SCALE
AS SHOWN

SHEET NO.

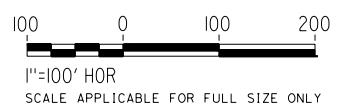


MATCH LINE STA 18970+00
SEE SHEET CV-G4727

MATCH LINE STA 18995+00
SEE SHEET CV-G4729

MATCH LINE
SEE SHEET CV-G4747

PLAN



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
G. YAMANAKA
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IN CHARGE
G. CAMPBELL
DATE
01/24/2020

**RECORD
PEPD
SUBMITTAL**

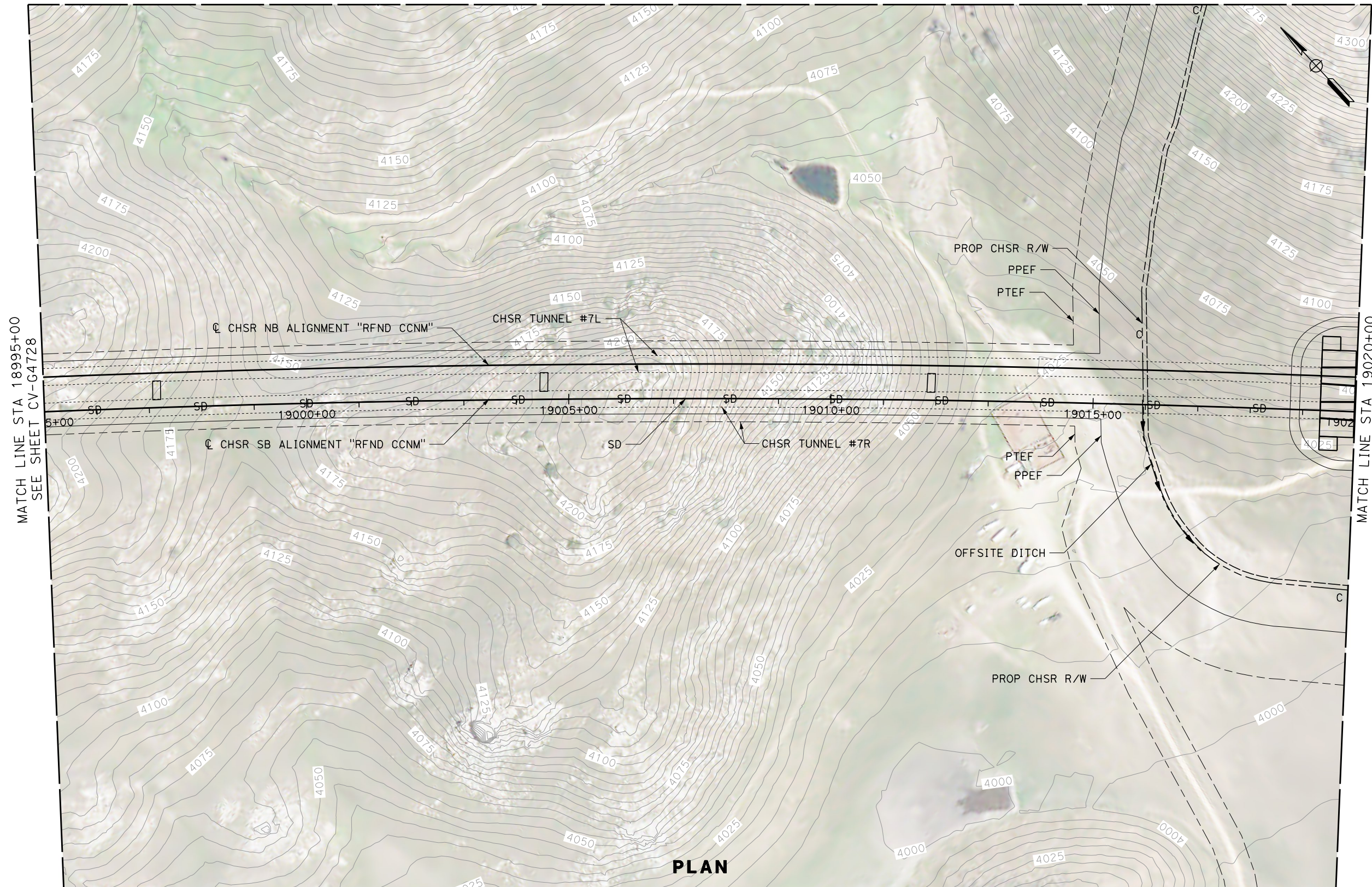
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CONSTRUCTION**



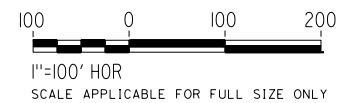
**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
REFINED CCNM DESIGN OPTION
GRADING AND DRAINAGE
PLAN
STA 18970+00 to 18995+00

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-G4728
SCALE
AS SHOWN
SHEET NO.

MATCH LINE
SEE SHEET CV-G4751



PLAN



Projects\701206.00_CHSRBP\00_CADD\CCNM_Op\1ion D\Sheets\CV\G\BP-CV-G4729

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1/24/2020

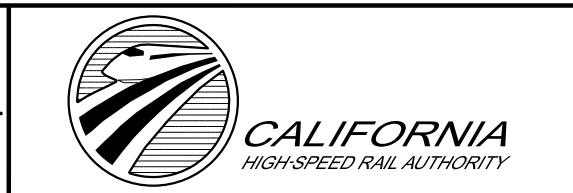
megan.blacet@tylin.com

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
G. YAMANAKA
DRAWN BY
M. BLACET
CHECKED BY
G. YAMANAKA
IN CHARGE
G. CAMPBELL
DATE
01/24/2020

**RECORD
PEPD
SUBMITTAL**

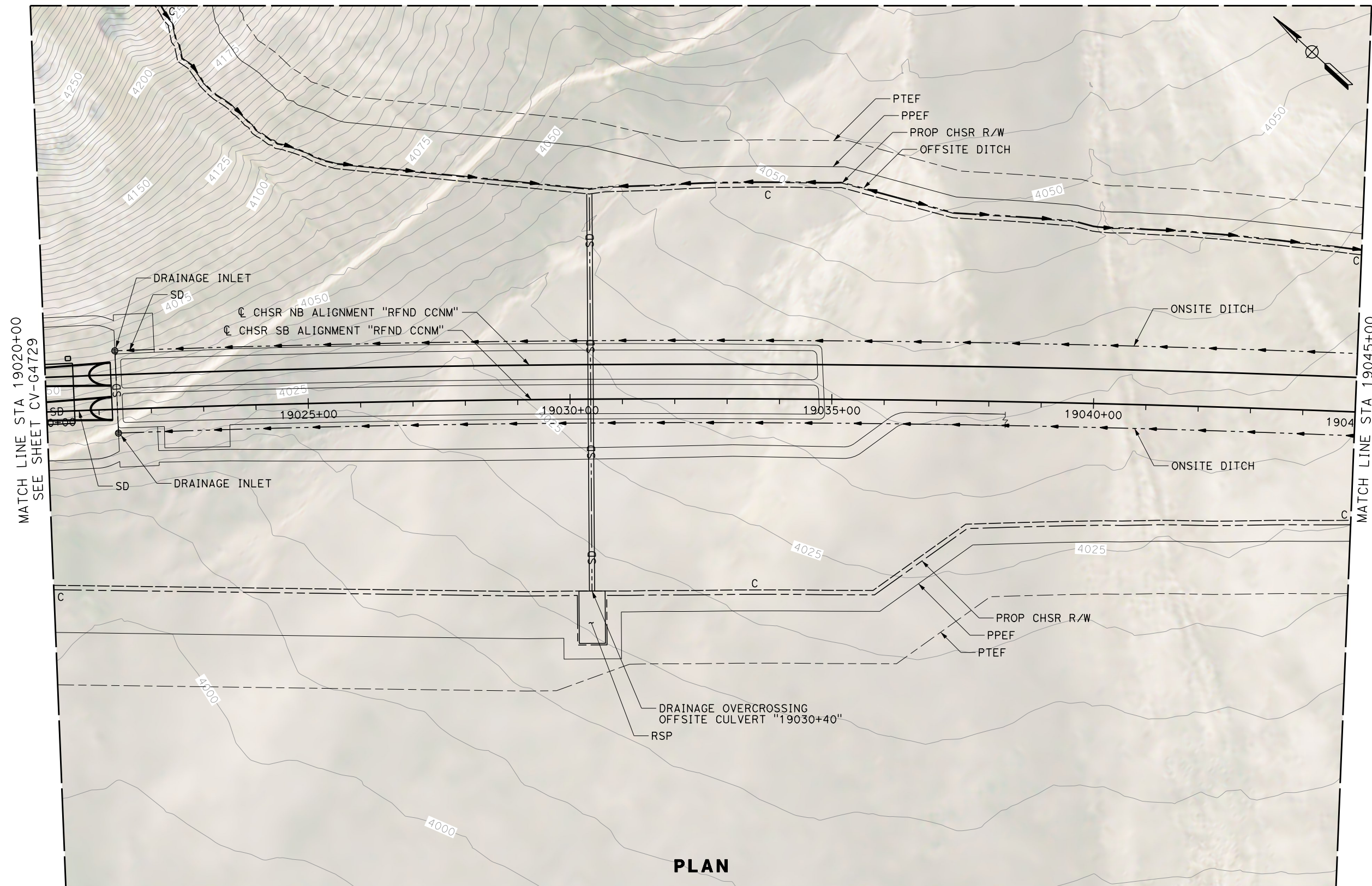
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CONSTRUCTION**



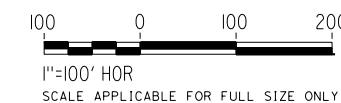
CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
REFINED CCNM DESIGN OPTION
GRADING AND DRAINAGE
PLAN
STA 18995+00 to 19020+00

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-G4729
SCALE
AS SHOWN
SHEET NO.

MATCH LINE
SEE SHEET CV-G4751



PLAN



Projects\701206.00_CHSRBP\00_CADD\CCNM_Option D\Sheets\CV\G\BP-CV-G4730

7:24:43 PM

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DESIGNED BY
G. YAMANAKA
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M. BLACET
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G. CAMPBELL
DATE
01/24/2020

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**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
REFINED CCNM DESIGN OPTION
GRADING AND DRAINAGE
PLAN
STA 19020+00 to 19045+00

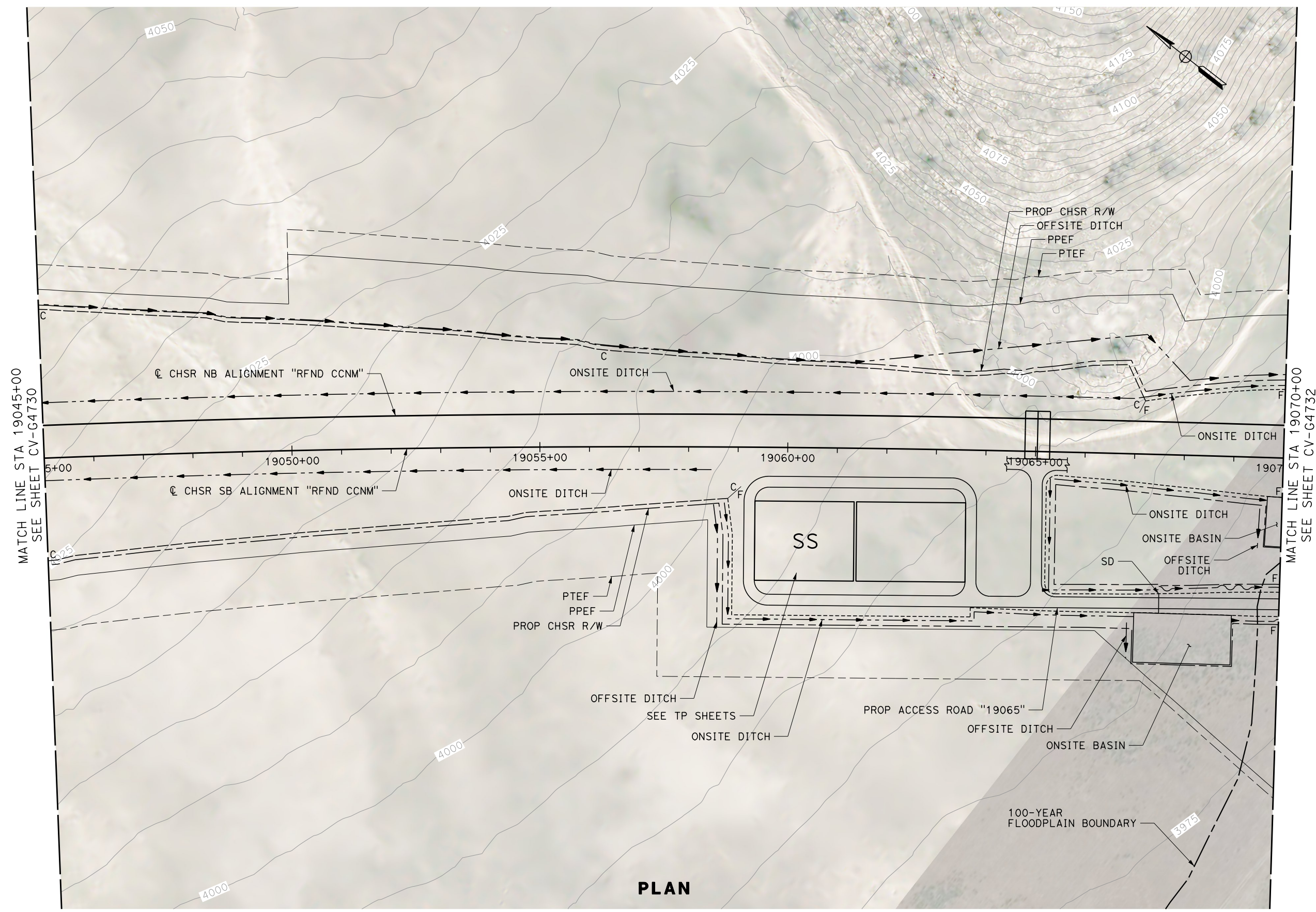
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SHEET NO.

Projects\701206.00_CHSRBP\00_CADD\CCNM_Option D\Sheets\CV\G\BP-CV-G4731

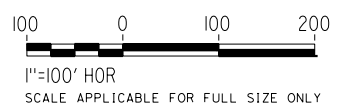
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PLAN



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DESIGNED BY
G. YAMANAKA
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M. BLACET
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IN CHARGE
G. CAMPBELL
DATE
01/24/2020

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

REFINED CCNM DESIGN OPTION
GRADING AND DRAINAGE
PLAN
STA 19045+00 to 19070+00

CONTRACT NO.
HSR13-44

DRAWING NO.
CV-G4731

SCALE
AS SHOWN

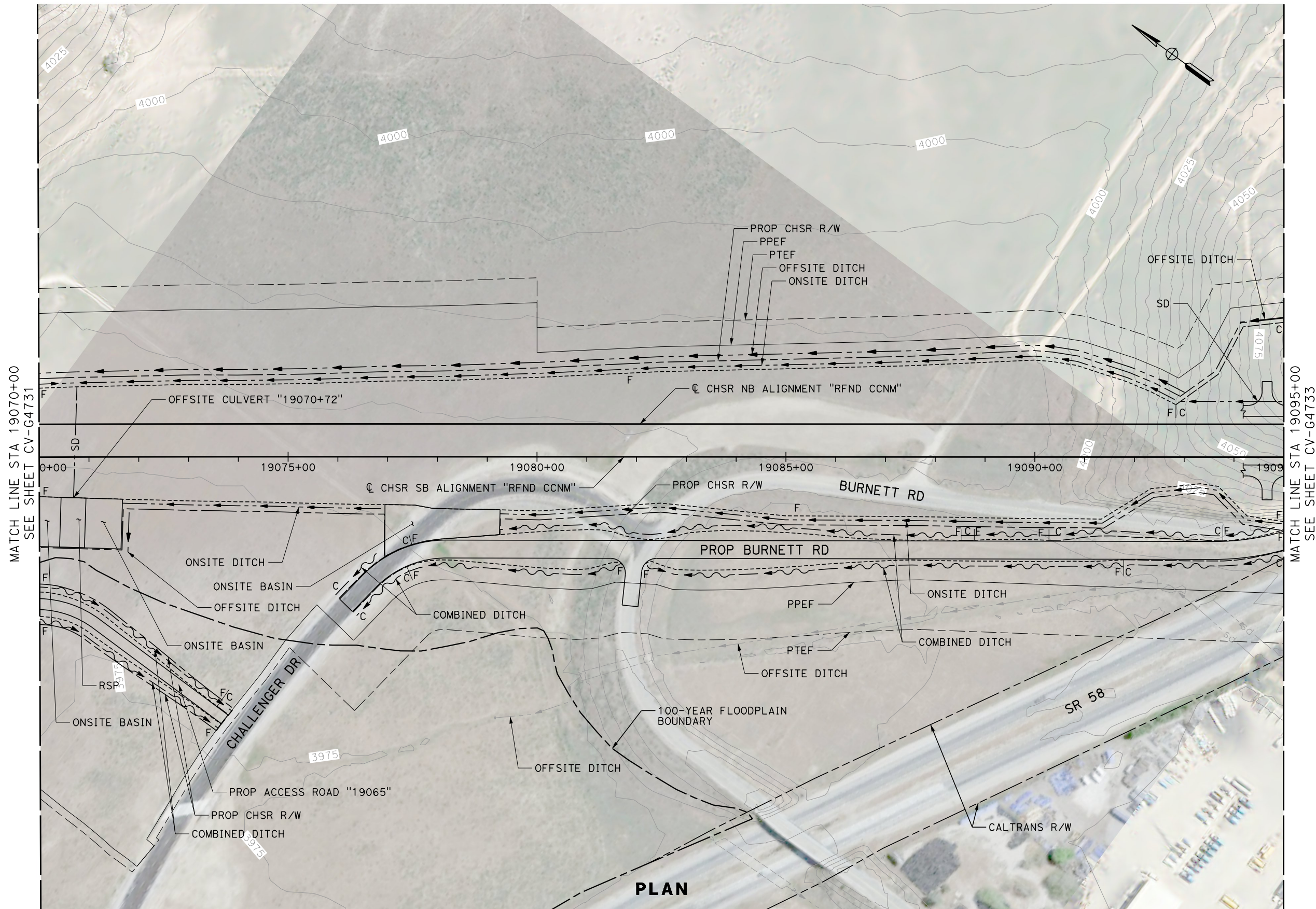
SHEET NO.

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1/24/2020

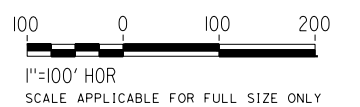
megan.blacet@tylin.com



PLAN

MATCH LINE STA 19070+00
SEE SHEET CV-G4731

MATCH LINE STA 19095+00
SEE SHEET CV-G4733



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
G. YAMANAKA
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IN CHARGE
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**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
REFINED CCNM DESIGN OPTION
GRADING AND DRAINAGE
PLAN
STA 19070+00 to 19095+00

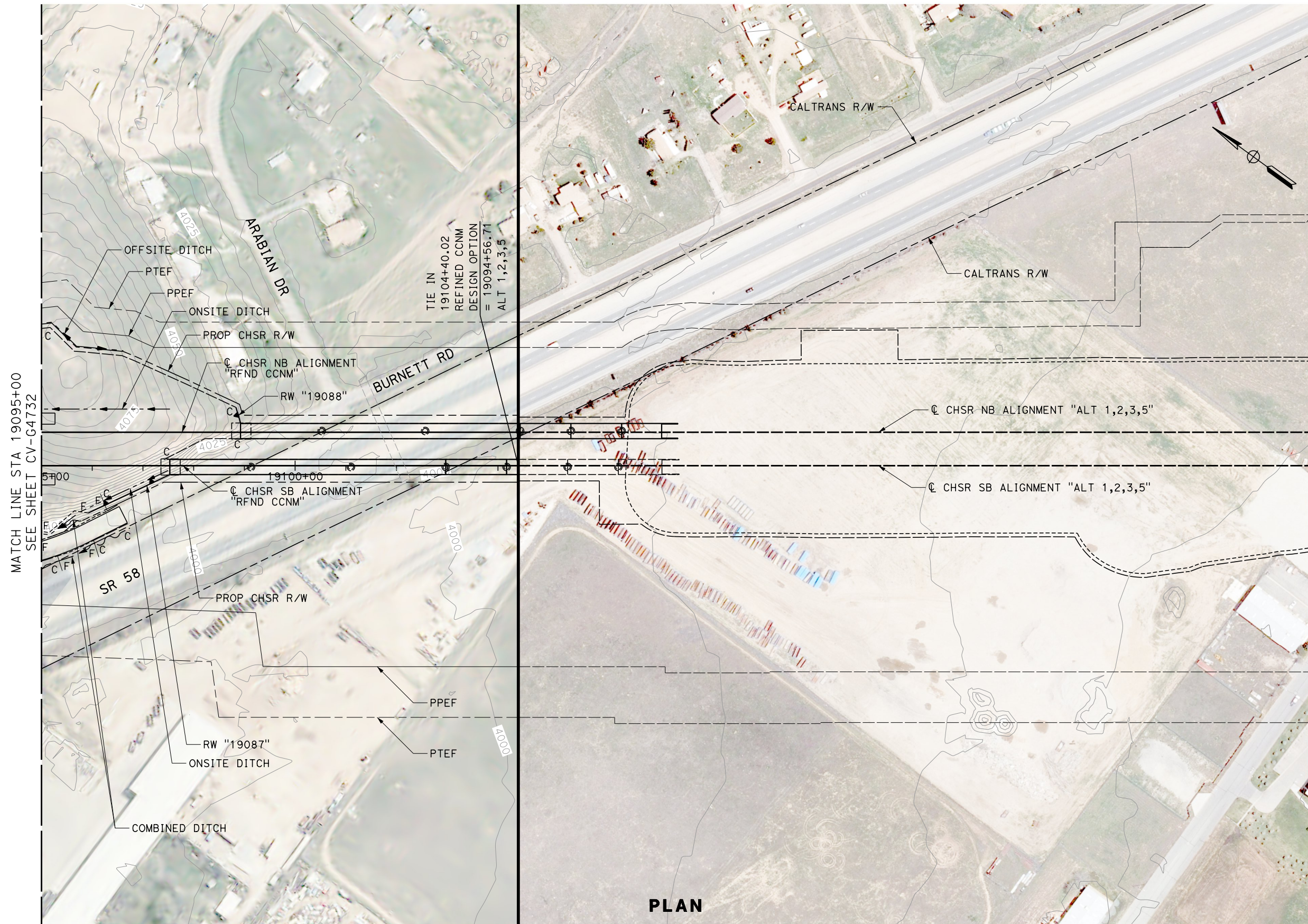
CONTRACT NO.
HSR13-44
DRAWING NO.
CV-G4732
SCALE
AS SHOWN
SHEET NO.

Projects\701206.00_CHSRBP\00_CADD\CCNM Option D\Sheets\CV\GABP-CV-G4733

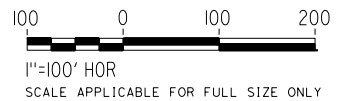
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PLAN



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
G. YAMANAKA
DRAWN BY
M. BLACET
CHECKED BY
G. YAMANAKA
IN CHARGE
G. CAMPBELL
DATE
01/24/2020

**RECORD
PEPD
SUBMITTAL**

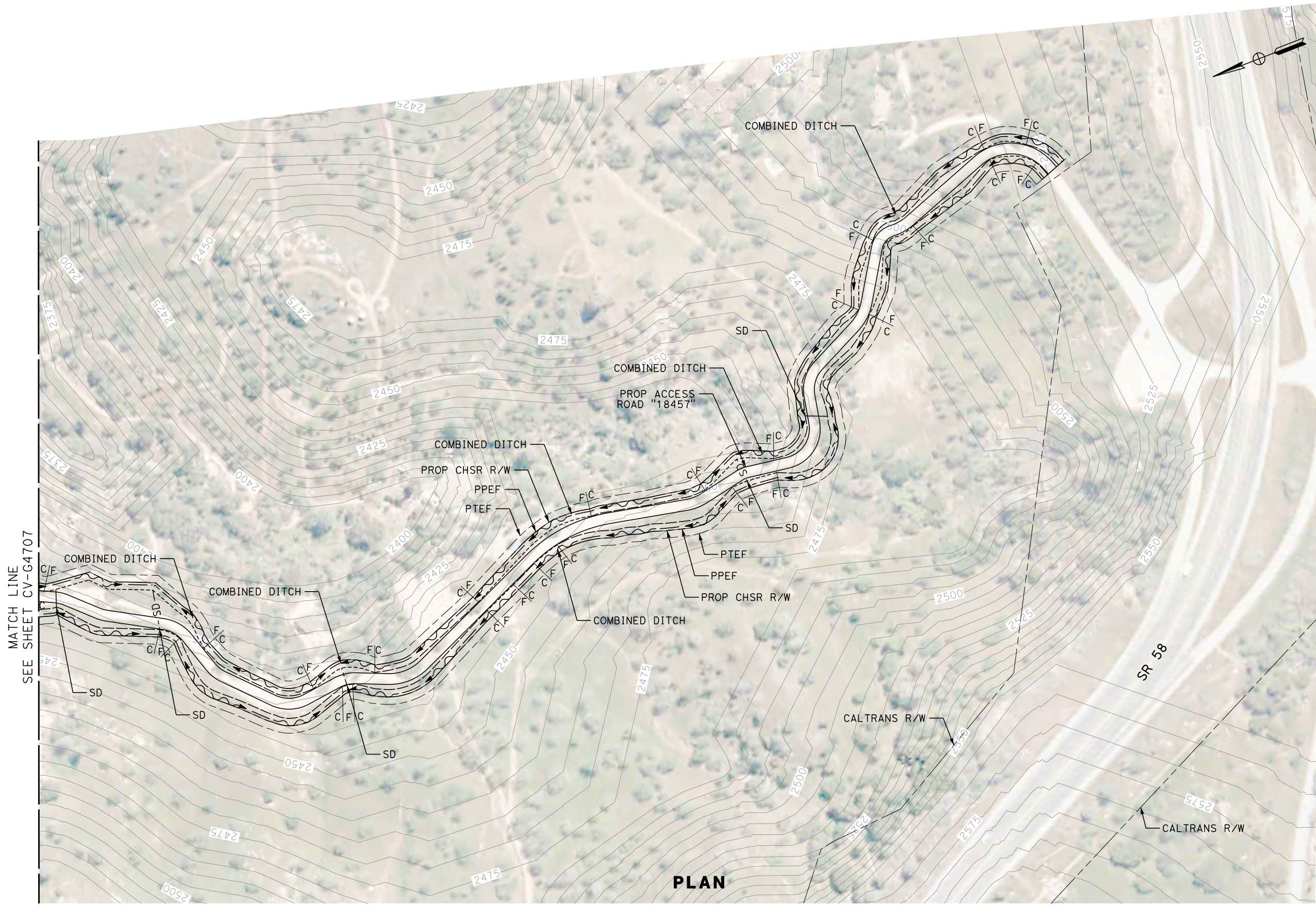
**NOT FOR
CONSTRUCTION**

TYLININTERNATIONAL

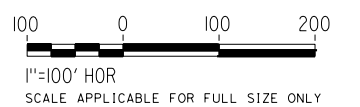


**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
REFINED CCNM DESIGN OPTION
GRADING AND DRAINAGE
PLAN
STA 19095+00 to 19120+00

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-G4733
SCALE
AS SHOWN
SHEET NO.



PLAN



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
G. YAMANAKA
DRAWN BY
M. BLACET
CHECKED BY
G. YAMANAKA
IN CHARGE
G. CAMPBELL
DATE
01/24/2020

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
REFINED CCNM DESIGN OPTION
GRADING AND DRAINAGE
PLAN
ACCESS ROAD "18457"

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-G4734
SCALE
AS SHOWN
SHEET NO.

Projects\701206.00_CHSRBP\00_CADD\CCNM_Option_D\Sheets\CV\G\BP-CV-G4735

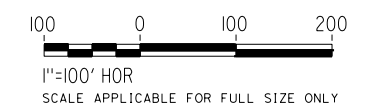
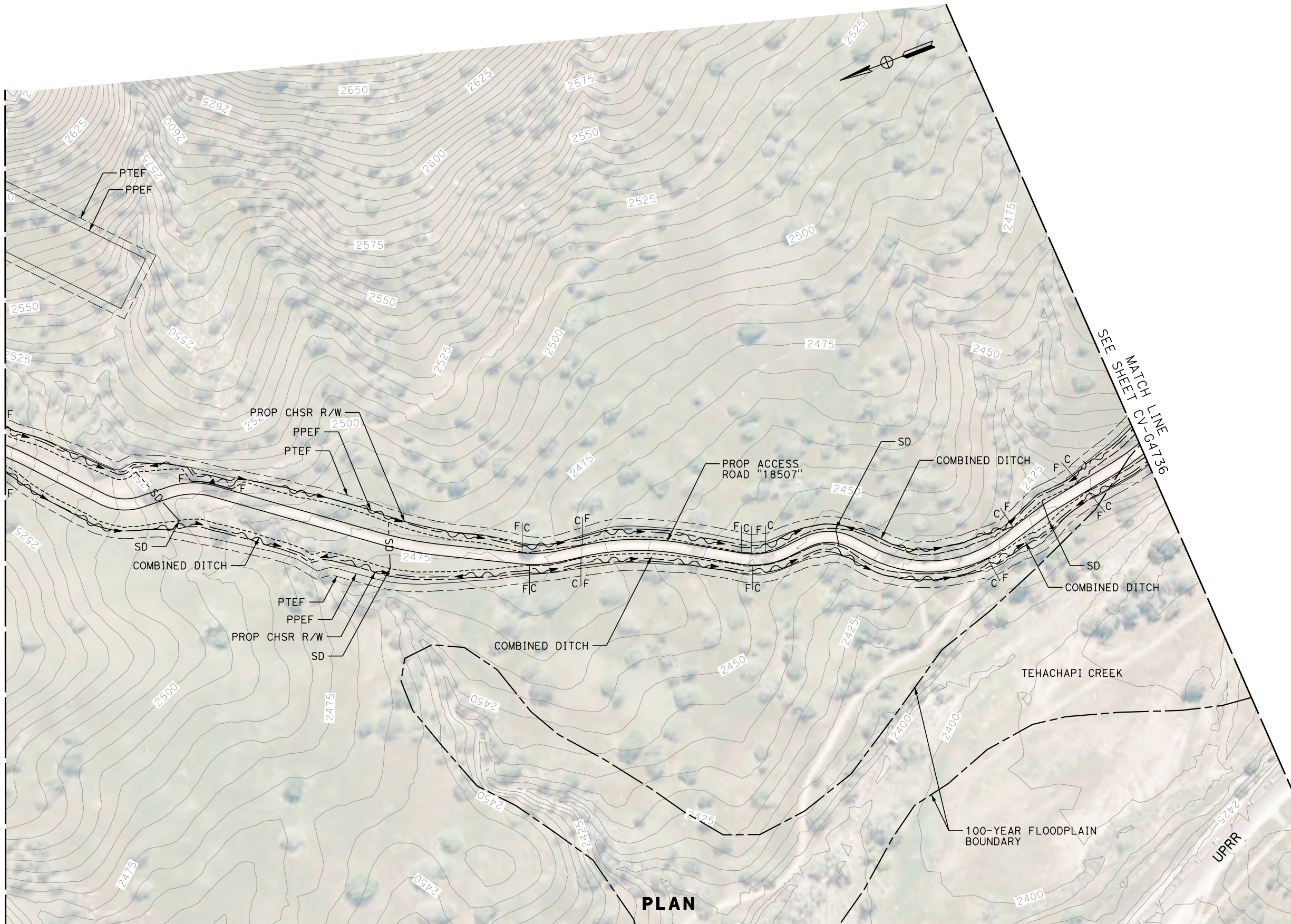
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1/24/2020

megan.blacet@tylin.com

MATCH LINE
SEE SHEET CV-G4709

SEE MATCH LINE
SEE SHEET CV-G4736



PLAN

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
G. YAMANAKA

DRAWN BY
M. BLACET

CHECKED BY
G. YAMANAKA

IN CHARGE
G. CAMPBELL

DATE
01/24/2020

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



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

REFINED CCNM DESIGN OPTION
GRADING AND DRAINAGE
PLAN
ACCESS ROAD "18507"

CONTRACT NO.
HSR13-44

DRAWING NO.
CV-G4735

SCALE
AS SHOWN

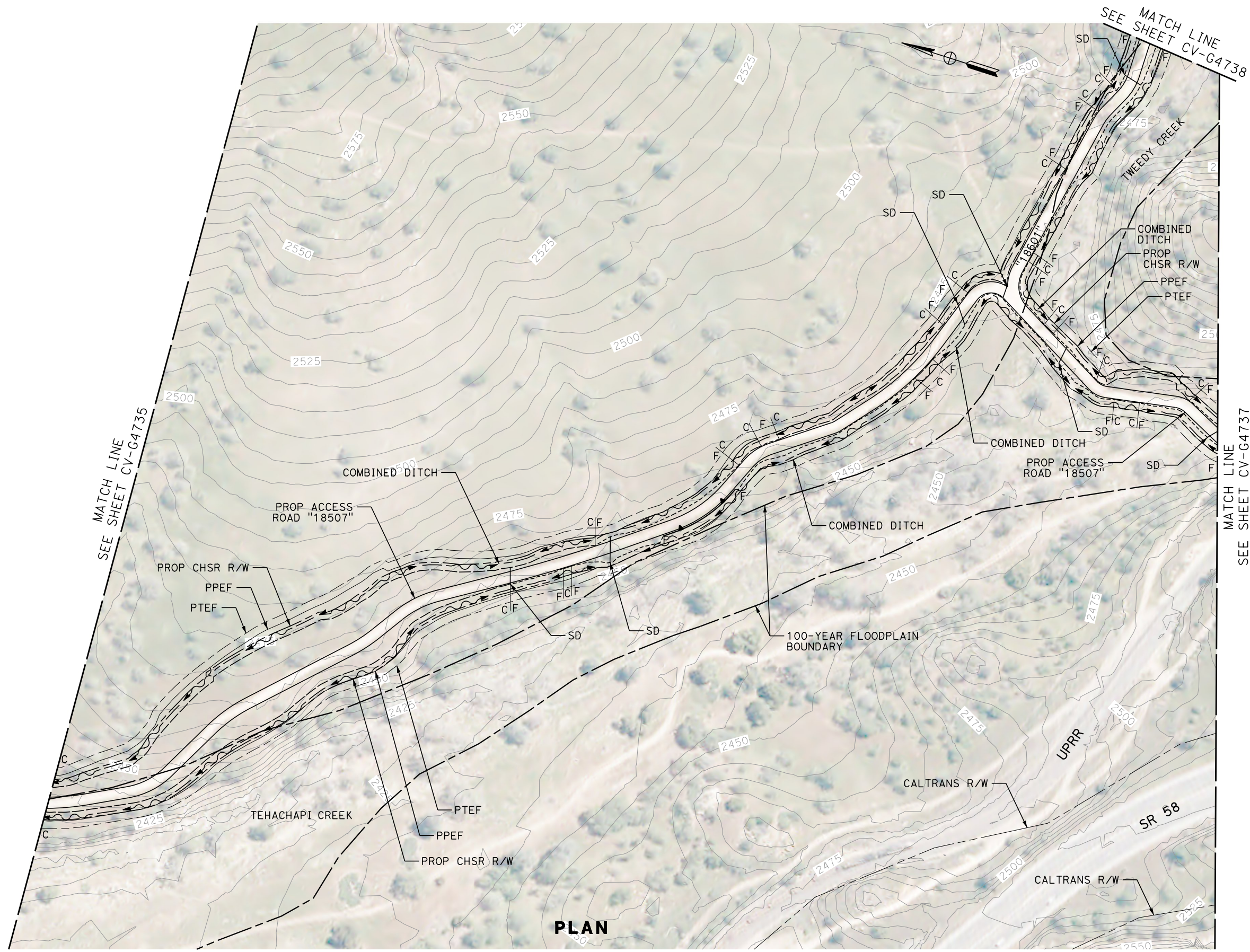
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Projects\701206.00_CADD\CCNM Option D\Sheets\CV\G\BP-CV-G4736

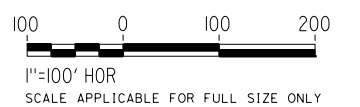
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1/24/2020

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PLAN



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
G. YAMANAKA
DRAWN BY
M. BLACET
CHECKED BY
G. YAMANAKA
IN CHARGE
G. CAMPBELL
DATE
01/24/2020

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



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

REFINED CCNM DESIGN OPTION
GRADING AND DRAINAGE
PLAN
ACCESS ROAD "18507"

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-G4736
SCALE
AS SHOWN
SHEET NO.

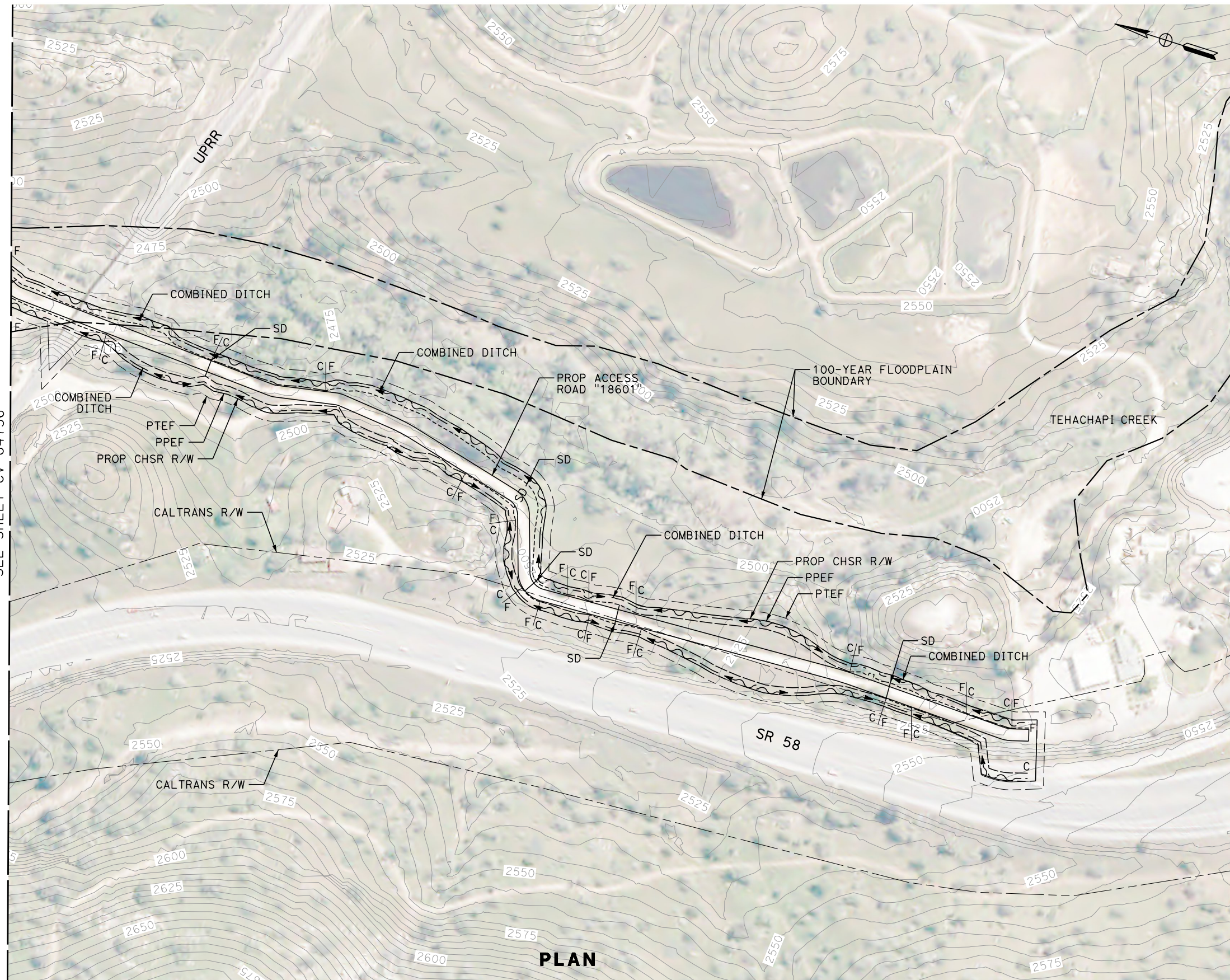
Projects\701206.00_CHSRBP\00_CADD\CCNM Op\10n D\Sheets\CV\G\BP-CV-G4737

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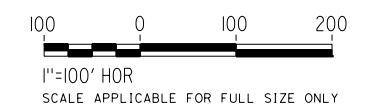
1/24/2020

megan.blacet@tylin.com

MATCH LINE
SEE SHEET CV-G4736



PLAN



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
G. YAMANAKA

DRAWN BY
M. BLACET

CHECKED BY
G. YAMANAKA

IN CHARGE
G. CAMPBELL

DATE
01/24/2020

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



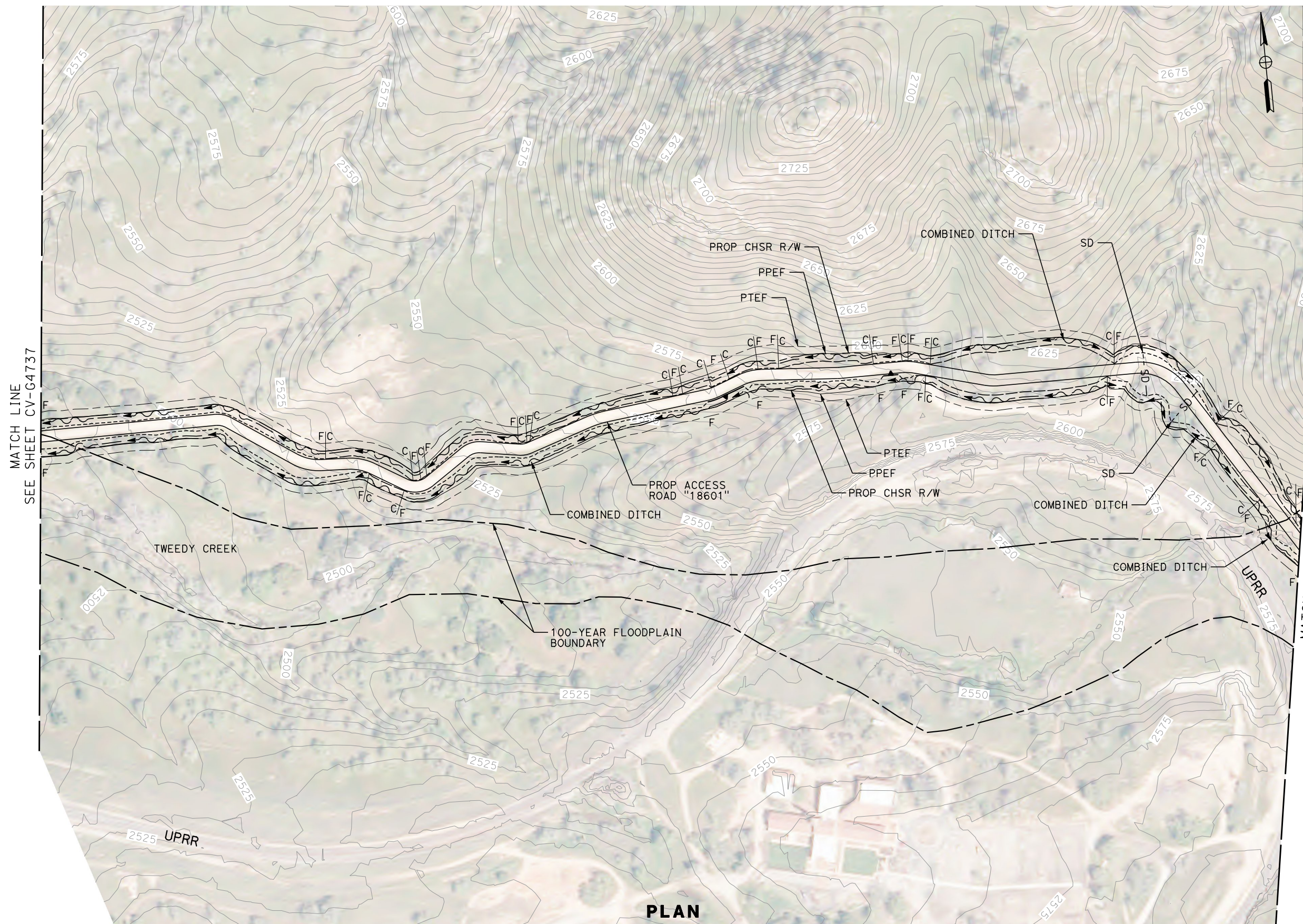
CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
 REFINED CCNM DESIGN OPTION
 GRADING AND DRAINAGE
 PLAN
 ACCESS ROAD "18601"

CONTRACT NO.
HSR13-44

DRAWING NO.
CV-G4737

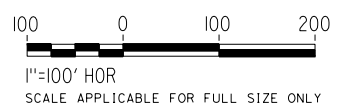
SCALE
AS SHOWN

SHEET NO.



MATCH LINE
SEE SHEET CV-G4737

MATCH LINE
SEE SHEET CV-G4739



PLAN

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
G. YAMANAKA
DRAWN BY
M. BLACET
CHECKED BY
G. YAMANAKA
IN CHARGE
G. CAMPBELL
DATE
01/24/2020

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
REFINED CCNM DESIGN OPTION
GRADING AND DRAINAGE
PLAN
ACCESS ROAD "18601"

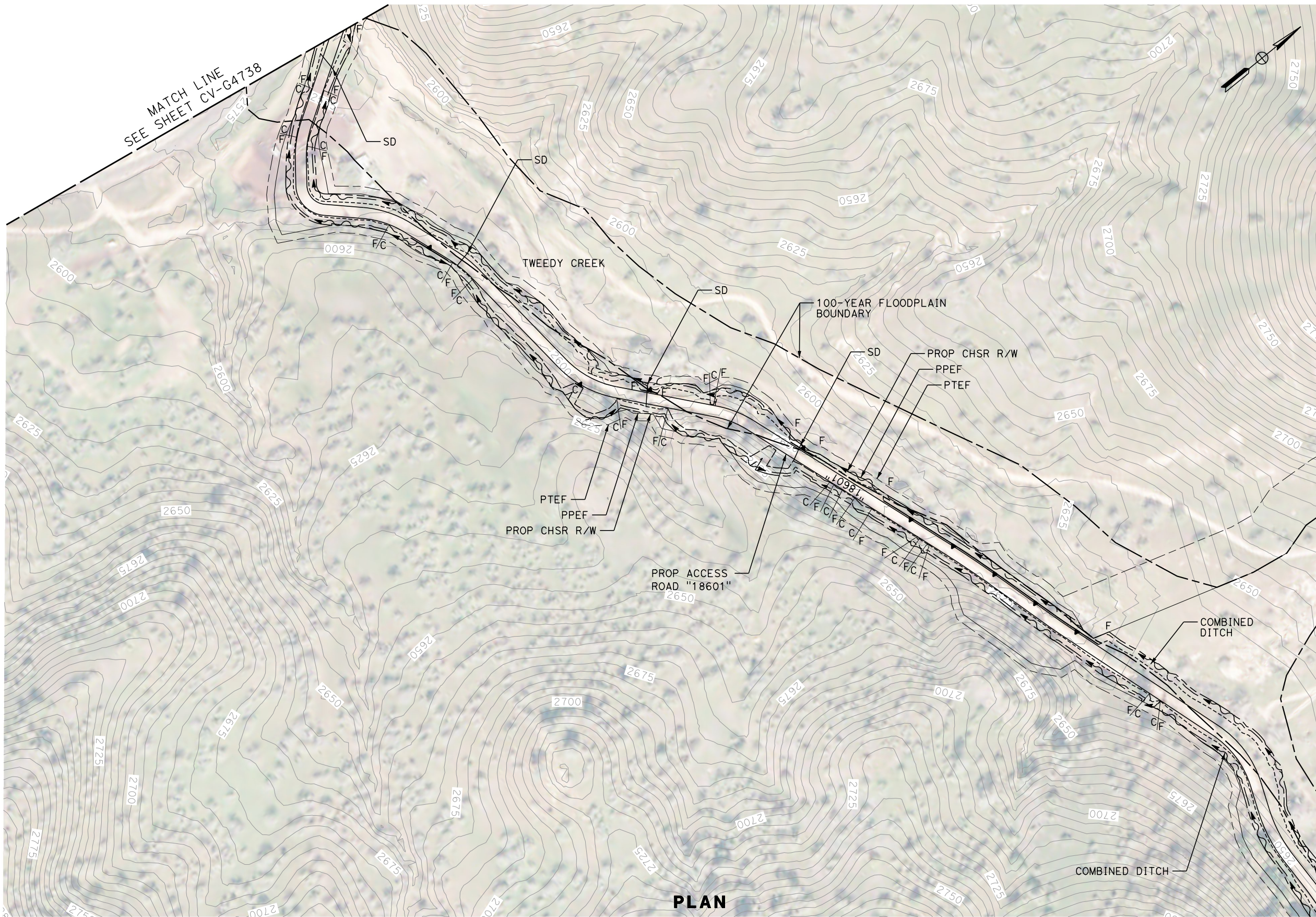
CONTRACT NO.
HSR13-44
DRAWING NO.
CV-G4738
SCALE
AS SHOWN
SHEET NO.

Projects\701206.00_CHSRBP\00_CADD\CCNM_Option_D\Sheets\CV\G\BP-CV-G4739

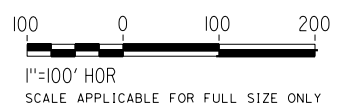
7:25:17 PM

1/24/2020

megan.blacet@tylin.com



PLAN



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
G. YAMANAKA
DRAWN BY
M. BLACET
CHECKED BY
G. YAMANAKA
IN CHARGE
G. CAMPBELL
DATE
01/24/2020

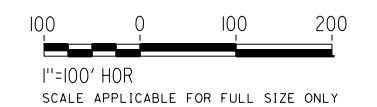
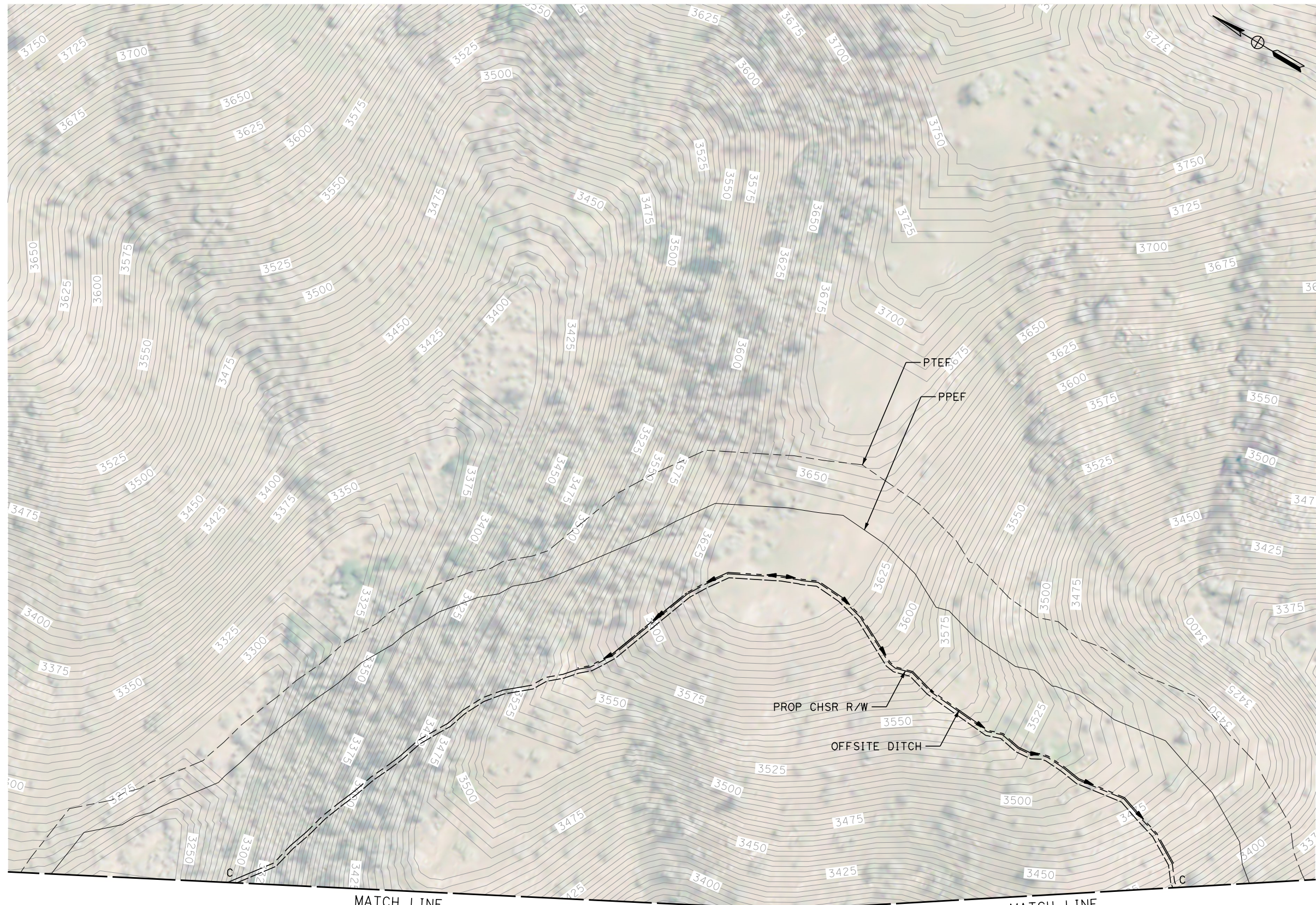
**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
REFINED CCNM DESIGN OPTION
GRADING AND DRAINAGE
PLAN
ACCESS ROAD "18601"

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-G4739
SCALE
AS SHOWN
SHEET NO.



MATCH LINE
SEE SHEET CV-G4717

PLAN

MATCH LINE
SEE SHEET CV-G4718

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
G. YAMANAKA
DRAWN BY
M. BLACET
CHECKED BY
G. YAMANAKA
IN CHARGE
G. CAMPBELL
DATE
01/24/2020

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**

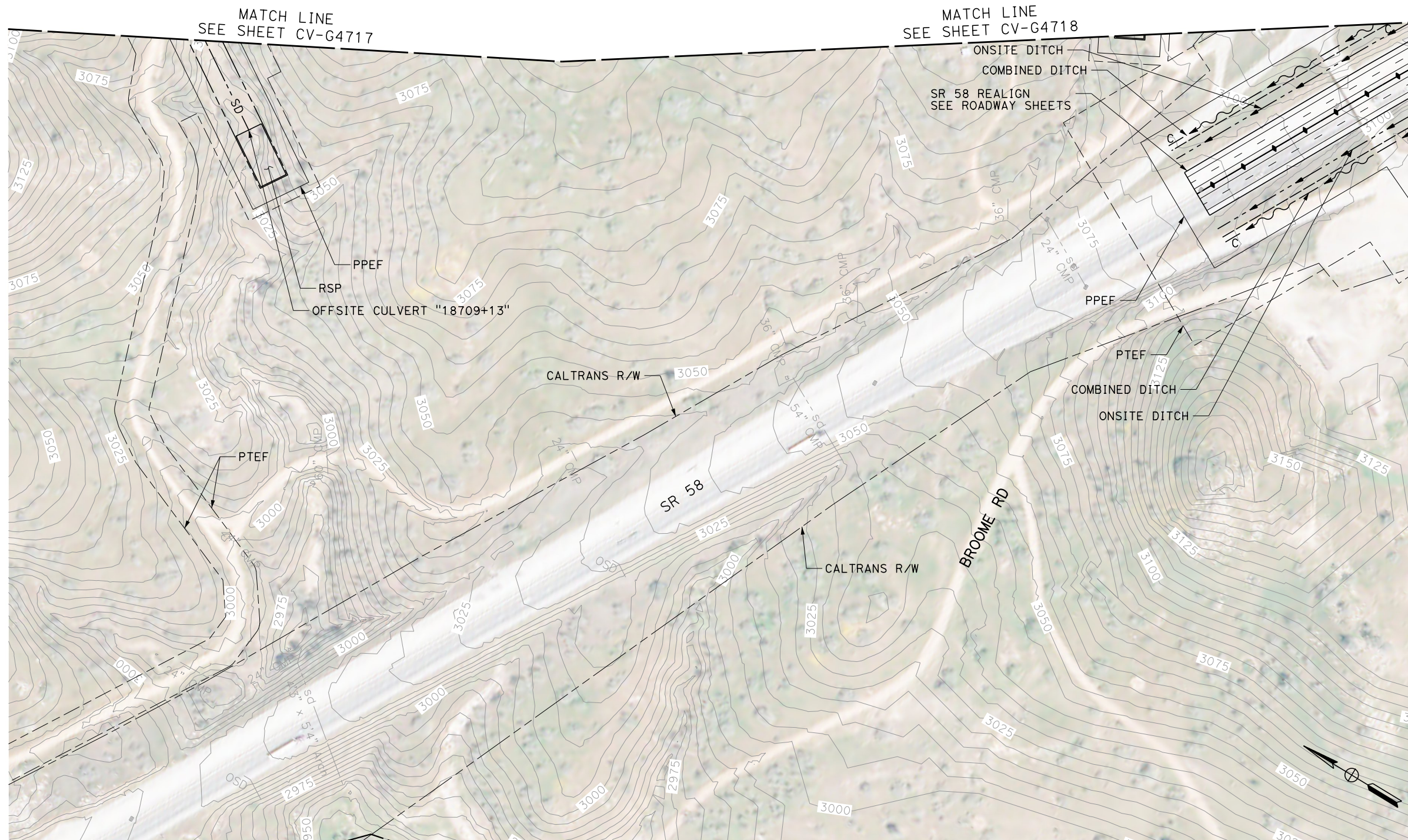


**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
REFINED CCNM DESIGN OPTION
GRADING AND DRAINAGE
PLAN
STA 18705+00 to 18730+00

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-G4740
SCALE
AS SHOWN
SHEET NO.

1/24/2020 7:34:02 PM Projects\701206.00_CHSRBP\00_CADD\CCNM Option D\Sheets\CV\G\BP-CV-G4741

megan.blacet@tylin.com



PLAN

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
G. YAMANAKA

DRAWN BY
M. BLACET

CHECKED BY
G. YAMANAKA

IN CHARGE
G. CAMPBELL

DATE
01/24/2020

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



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

REFINED CCNM DESIGN OPTION
GRADING AND DRAINAGE
PLAN
STA 18710+00 to 18735+00

CONTRACT NO.
HSR13-44

DRAWING NO.
CV-G4741

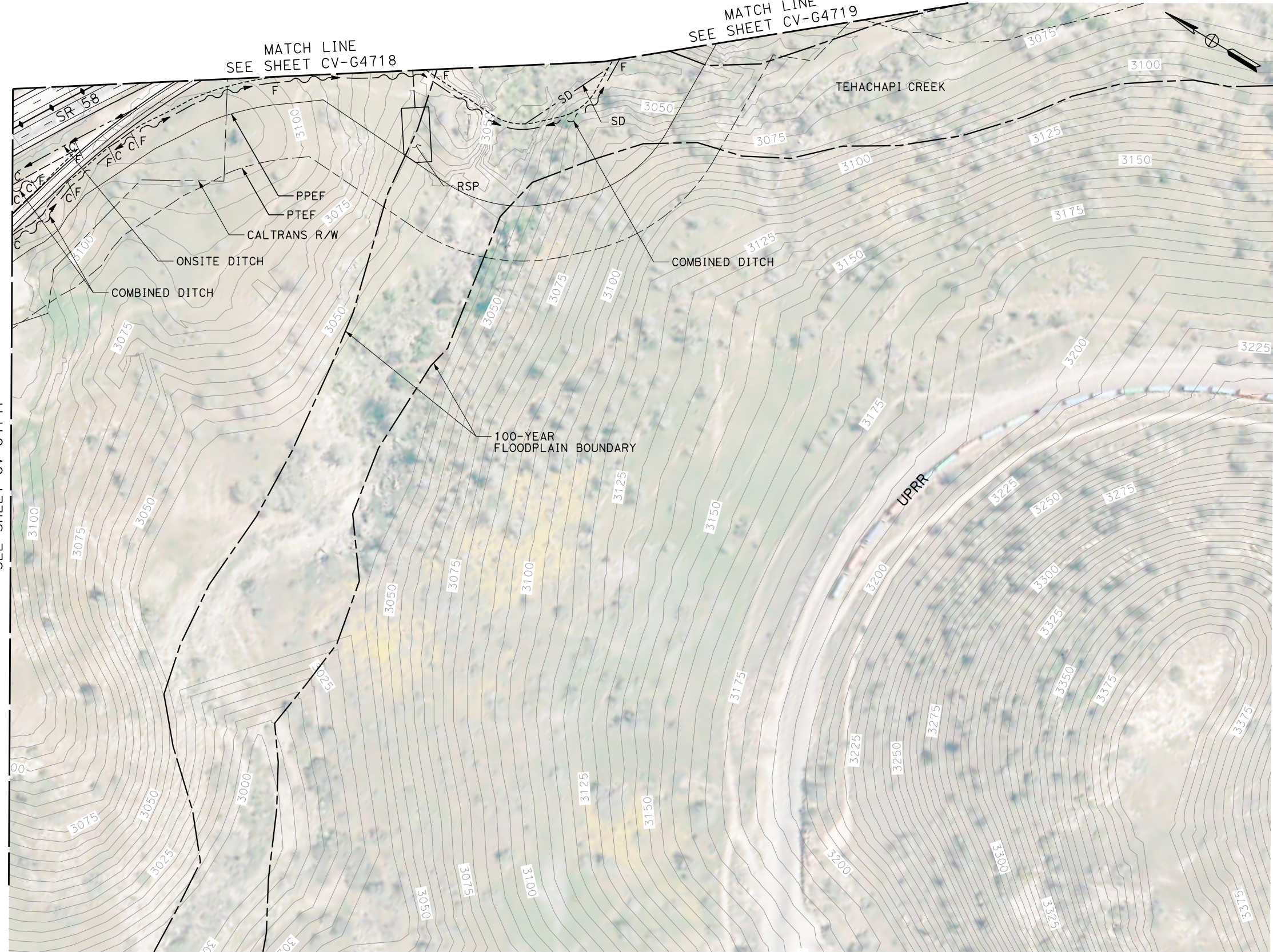
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AS SHOWN

SHEET NO.

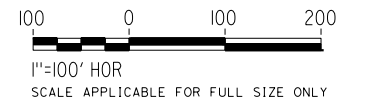
MATCH LINE
SEE SHEET CV-G4741

MATCH LINE
SEE SHEET CV-G4718

MATCH LINE
SEE SHEET CV-G4719



PLAN



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
G. YAMANAKA
DRAWN BY
M. BLACET
CHECKED BY
G. YAMANAKA
IN CHARGE
G. CAMPBELL
DATE
01/24/2020

**RECORD
PEPD
SUBMITTAL**

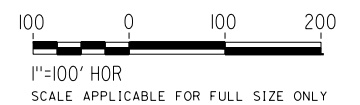
**NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
REFINED CCNM DESIGN OPTION
GRADING AND DRAINAGE
PLAN
STA 18735+00 to 18755+00

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-G4742
SCALE
AS SHOWN
SHEET NO.

MATCH LINE
SEE SHEET CV-G4721



PLAN

Projects\701206.00_CHSRBP\00_CADD\CCNM_Op\1ion D:\Sheets\CV\G\BP-CV-G4743

7:26:06 PM

1/24/2020

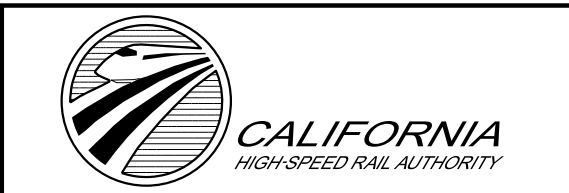
megan.blacet@tylin.com

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
G. YAMANAKA
DRAWN BY
M. BLACET
CHECKED BY
G. YAMANAKA
IN CHARGE
G. CAMPBELL
DATE
01/24/2020

**RECORD
PEPD
SUBMITTAL**

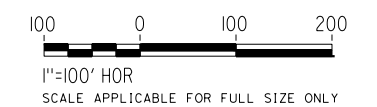
**NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
REFINED CCNM DESIGN OPTION
GRADING AND DRAINAGE
PLAN
STA 18795+00 to 18820+00

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-G4743
SCALE
AS SHOWN
SHEET NO.

1/24/2020 7:33:35 PM Projects\701206.00_CADD\CCNM Option D\Sheets\CV\G\BP-CV-G4744



MATCH LINE
SEE SHEET CV-G4722

PLAN

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
G. YAMANAKA
DRAWN BY
M. BLACET
CHECKED BY
G. YAMANAKA
IN CHARGE
G. CAMPBELL
DATE
01/24/2020

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



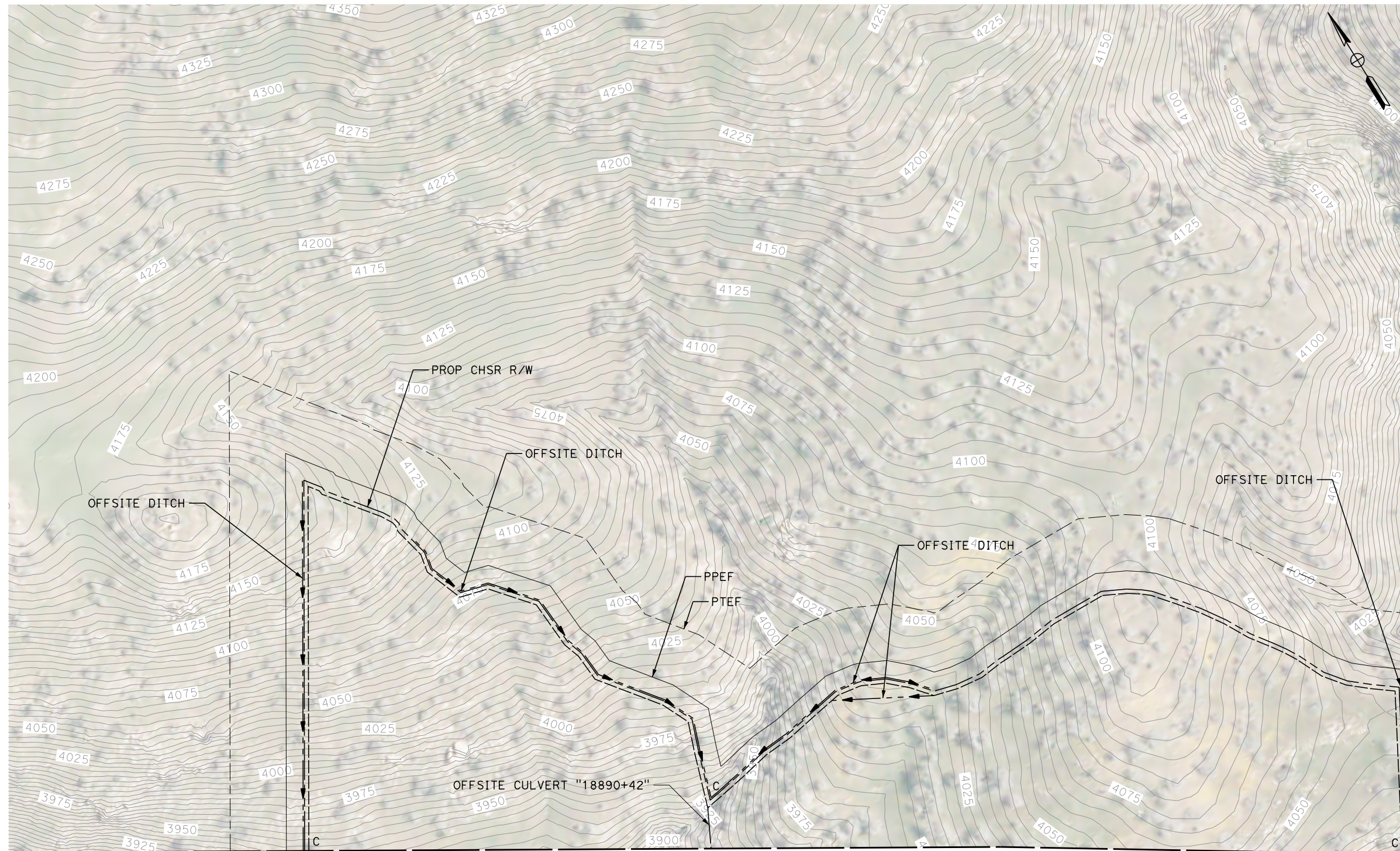
**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
REFINED CCNM DESIGN OPTION
GRADING AND DRAINAGE
PLAN
STA 18820+00 to 18845+00

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-G4744
SCALE
AS SHOWN
SHEET NO.

megan.blacet@tylin.com

1/24/2020 7:26:03 PM Projects\701206.00_CHSRBP\00_CADD\CCNM_Option_D\Sheets\CV\G\BP-CV-G4745

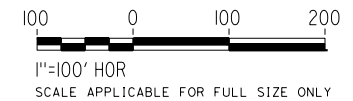
megan.blacet@tylin.com



MATCH LINE
SEE SHEET CV-G4746

MATCH LINE
SEE SHEET CV-G4724

MATCH LINE
SEE SHEET CV-G4725



PLAN

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
G. YAMANAKA
DRAWN BY
M. BLACET
CHECKED BY
G. YAMANAKA
IN CHARGE
G. CAMPBELL
DATE
01/24/2020

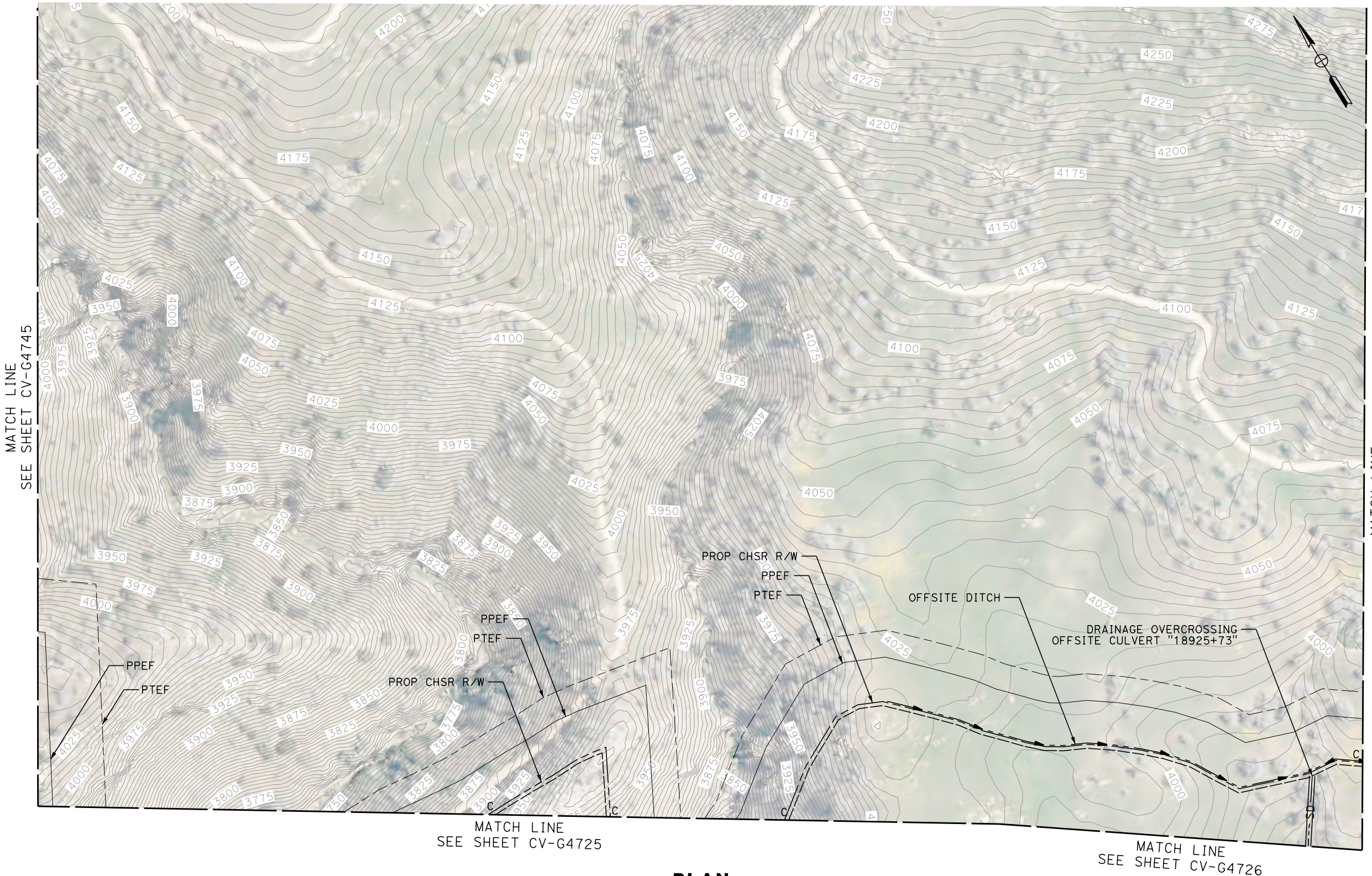
**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
REFINED CCNM DESIGN OPTION
GRADING AND DRAINAGE
PLAN
STA 18875+00 to 18905+00

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-G4745
SCALE
AS SHOWN
SHEET NO.



PLAN

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
G. YAMANAKA
DRAWN BY
M. BLACET
CHECKED BY
G. YAMANAKA
IN CHARGE
G. CAMPBELL
DATE
01/24/2020

**RECORD
PEPD
SUBMITTAL**

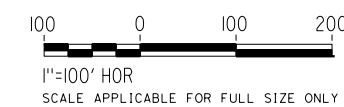
**NOT FOR
CONSTRUCTION**



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

REFINED CCNM DESIGN OPTION
GRADING AND DRAINAGE
PLAN
STA 18905+00 to 18930+00

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-G4746
SCALE
AS SHOWN
SHEET NO.



PLAN

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
G. YAMANAKA
DRAWN BY
M. BLACET
CHECKED BY
G. YAMANAKA
IN CHARGE
G. CAMPBELL
DATE
01/24/2020

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**

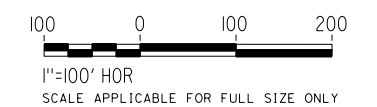
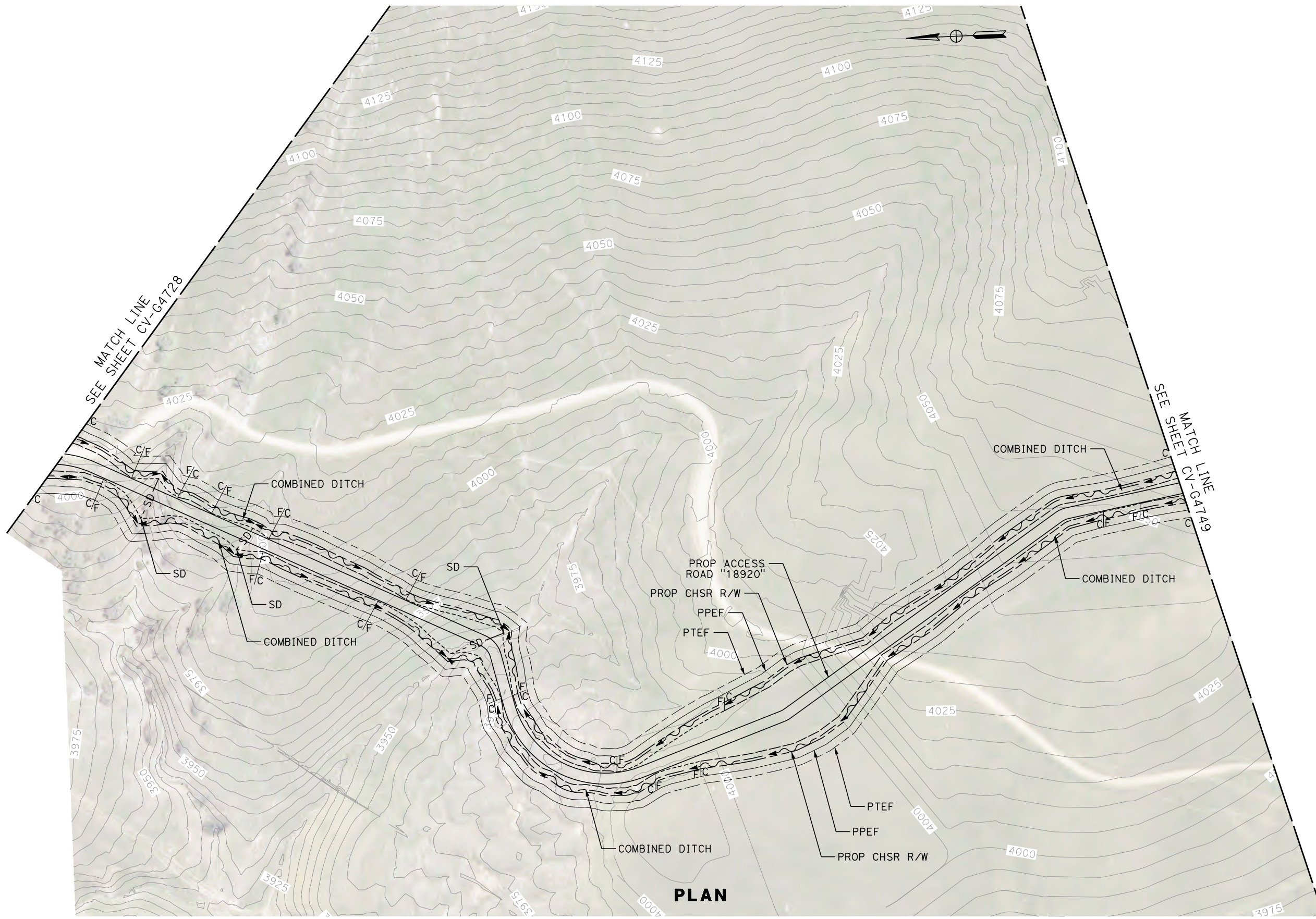


**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
REFINED CCNM DESIGN OPTION
GRADING AND DRAINAGE
PLAN
STA 18930+00 to 18944+00

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-G4747
SCALE
AS SHOWN
SHEET NO.

Projects\701206.00_CHSRBP\00_CADD\CCNM_Option D\Sheets\CV\G\BP-CV-G4748
 7:33:41 PM
 1/24/2020

megan.blacet@tylin.com



PLAN

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
G. YAMANAKA
 DRAWN BY
M. BLACET
 CHECKED BY
G. YAMANAKA
 IN CHARGE
G. CAMPBELL
 DATE
01/24/2020

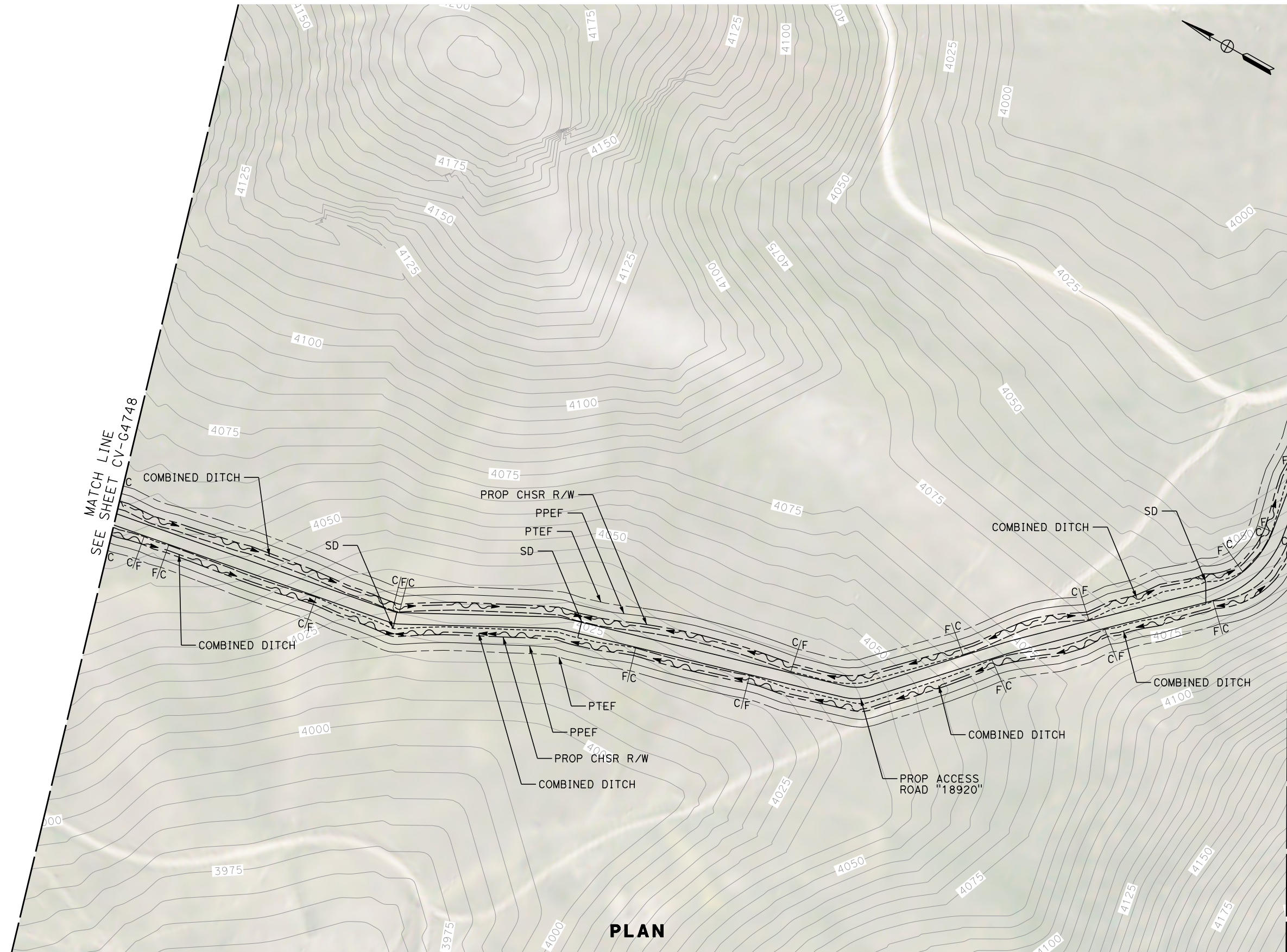
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**NOT FOR
 CONSTRUCTION**

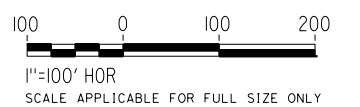


**CALIFORNIA HIGH-SPEED RAIL PROJECT
 BAKERSFIELD TO PALMDALE**
 REFINED CCNM DESIGN OPTION
 GRADING AND DRAINAGE
 PLAN
 ACCESS ROAD "18920"

CONTRACT NO.
HSR13-44
 DRAWING NO.
CV-G4748
 SCALE
AS SHOWN
 SHEET NO.



PLAN



MATCH LINE
SEE SHEET CV-G4748

MATCH LINE
SEE SHEET CV-G4750

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
G. YAMANAKA
DRAWN BY
M. BLACET
CHECKED BY
G. YAMANAKA
IN CHARGE
G. CAMPBELL
DATE
01/24/2020

**RECORD
PEPD
SUBMITTAL**

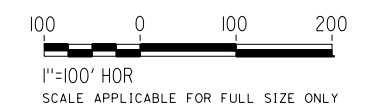
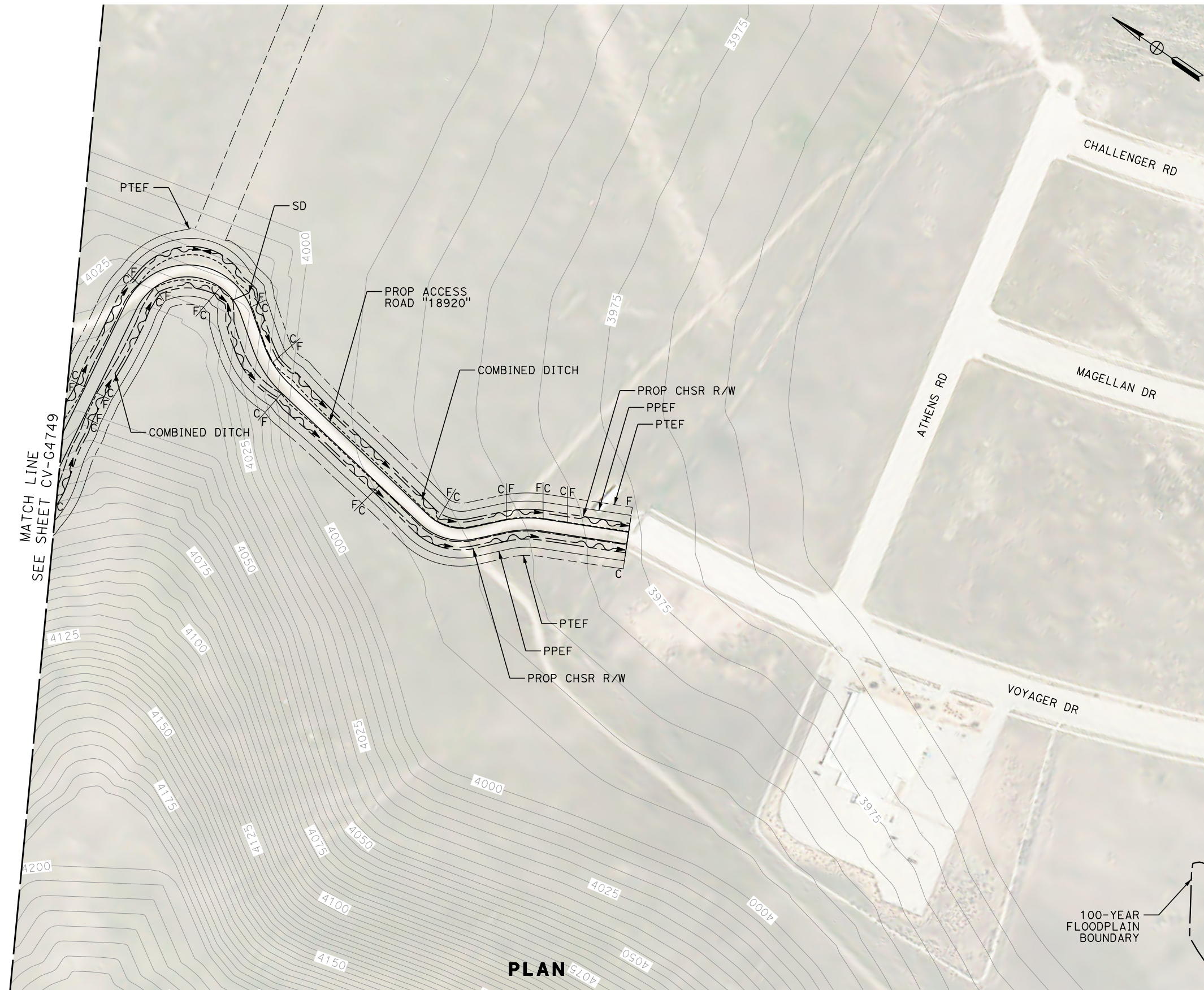
**NOT FOR
CONSTRUCTION**



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

REFINED CCNM DESIGN OPTION
GRADING AND DRAINAGE
PLAN
ACCESS ROAD "18920"

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-G4749
SCALE
AS SHOWN
SHEET NO.



100-YEAR FLOODPLAIN BOUNDARY

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
G. YAMANAKA
DRAWN BY
M. BLACET
CHECKED BY
G. YAMANAKA
IN CHARGE
G. CAMPBELL
DATE
01/24/2020

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



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

REFINED CCNM DESIGN OPTION
GRADING AND DRAINAGE
PLAN
ACCESS ROAD "18920"

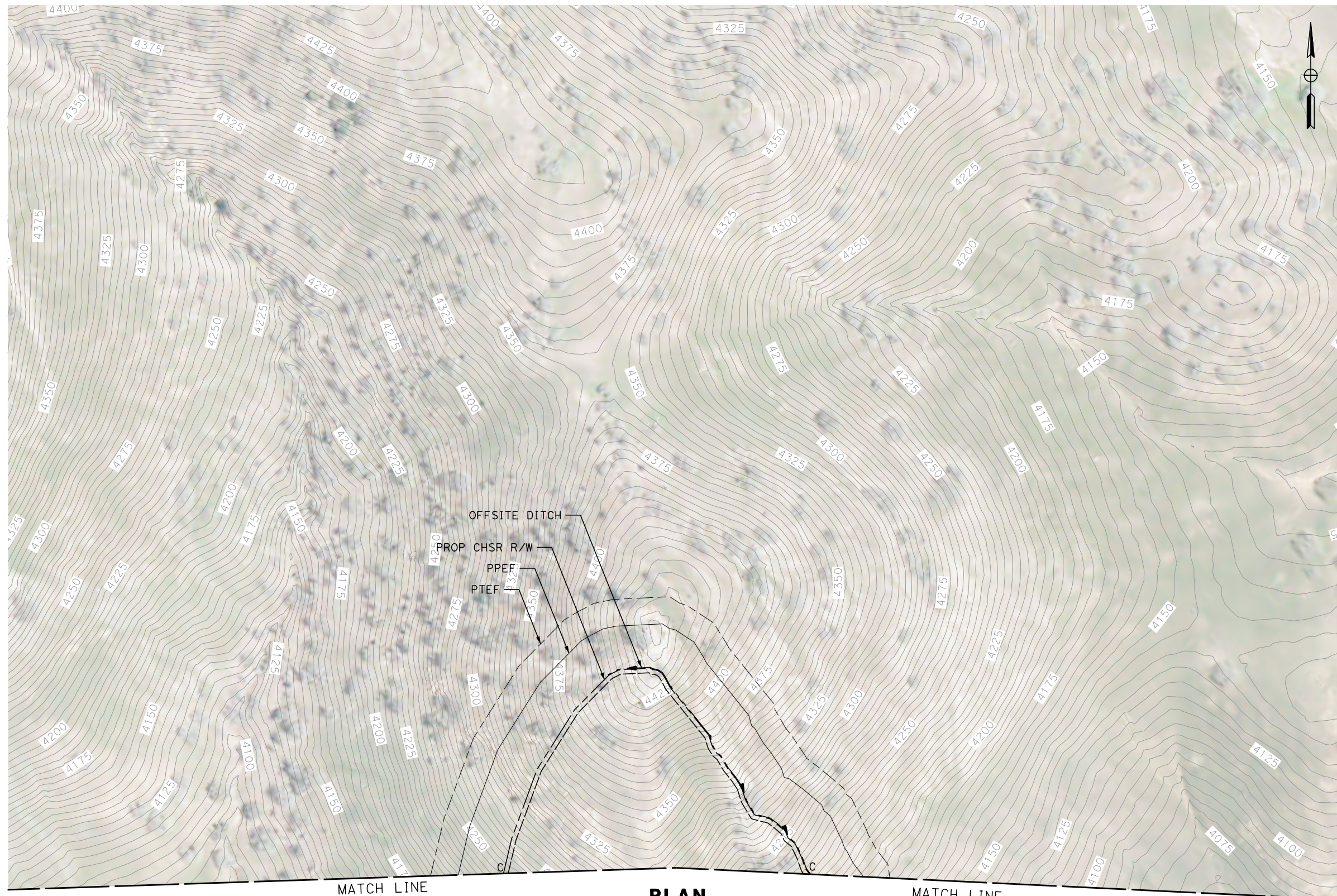
CONTRACT NO.
HSR13-44
DRAWING NO.
CV-G4750
SCALE
AS SHOWN
SHEET NO.

Projects\701206.00_CHSRBP\00_CADD\CCNM Option D\Sheets\CV\G\BP-CV-G4751

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1/24/2020

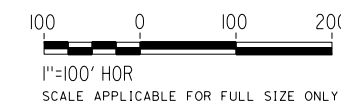
megan.blacet@tylin.com



MATCH LINE
SEE SHEET CV-G4729

PLAN

MATCH LINE
SEE SHEET CV-G4730



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
G. YAMANAKA
DRAWN BY
M. BLACET
CHECKED BY
G. YAMANAKA
IN CHARGE
G. CAMPBELL
DATE
01/24/2020

**RECORD
PEPD
SUBMITTAL**

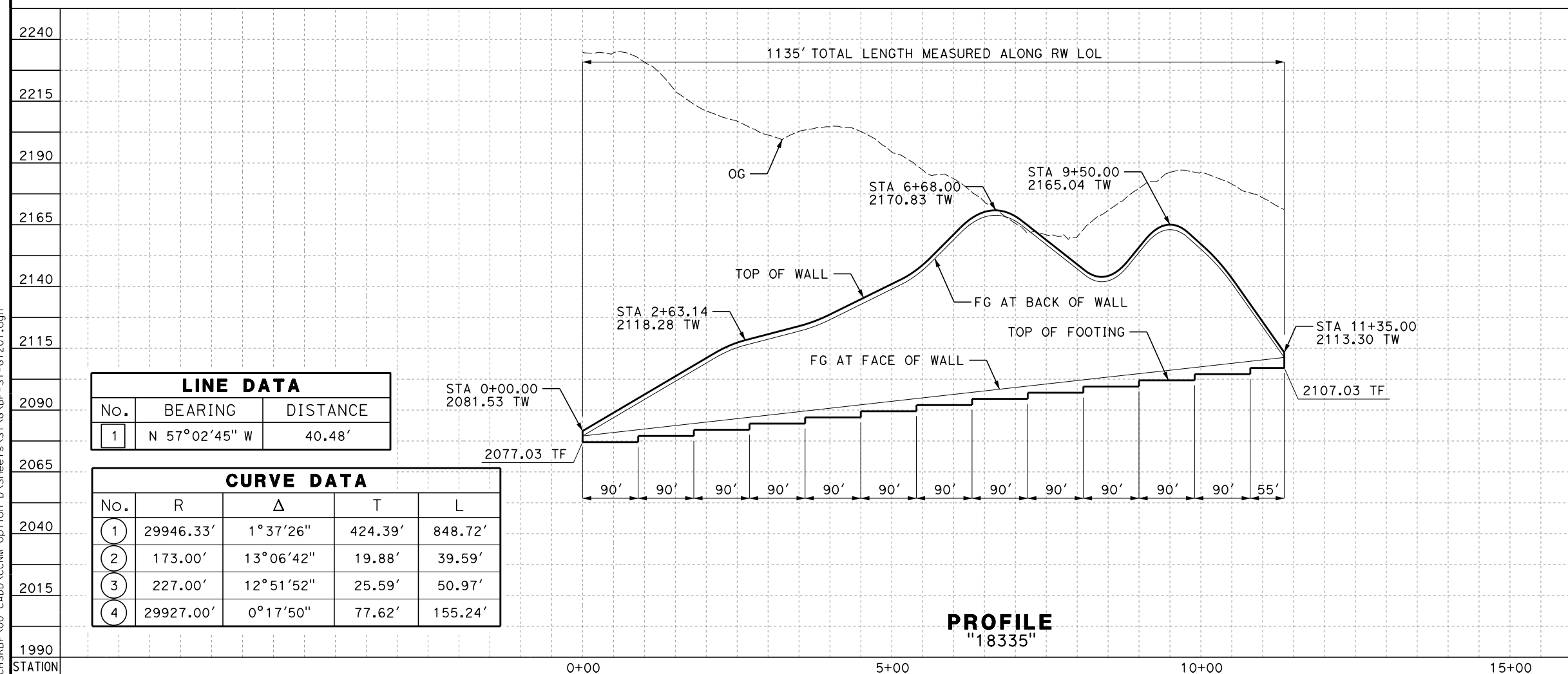
**NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
REFINED CCNM DESIGN OPTION
GRADING AND DRAINAGE
PLAN
STA 19015+00 to 19025+00

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-G4751
SCALE
AS SHOWN
SHEET NO.

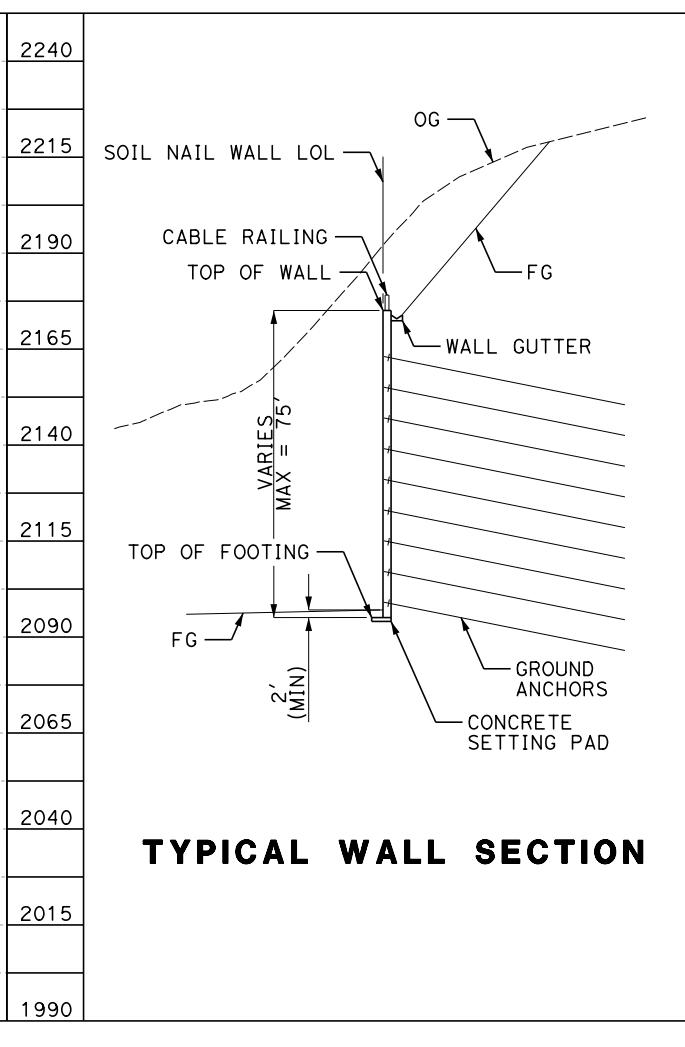
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 katharine.baker 03/20/2020 2:05:16 AM



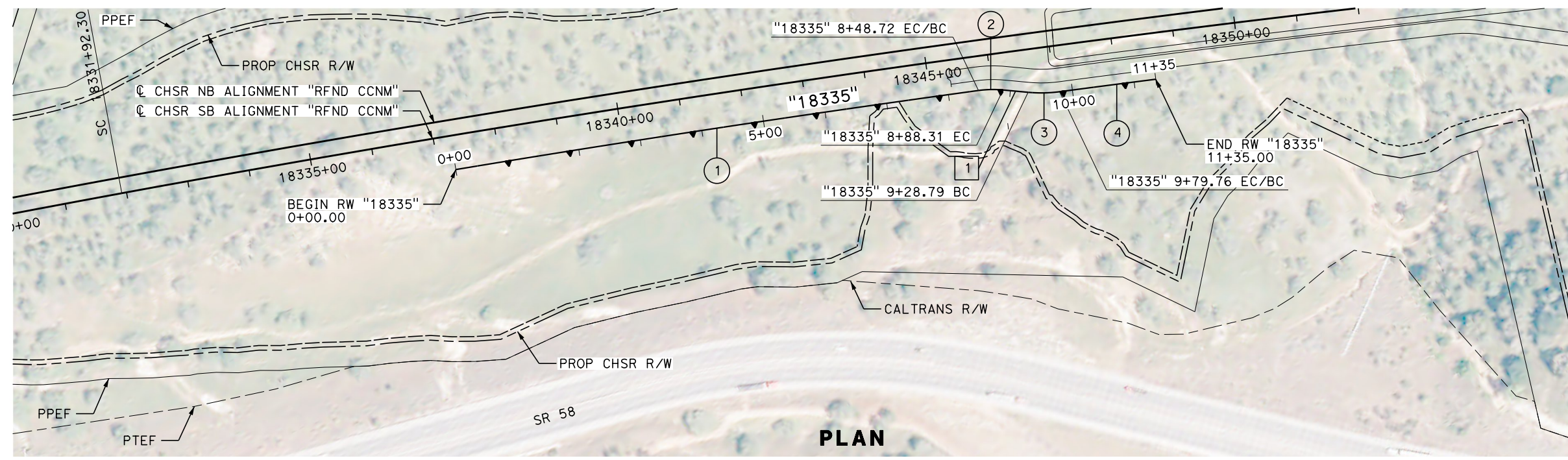
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No.	BEARING	DISTANCE
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3	227.00'	12°51'52"	25.59'	50.97'
4	29927.00'	0°17'50"	77.62'	155.24'

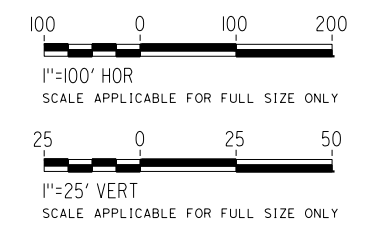
PROFILE
"18335"



TYPICAL WALL SECTION



PLAN



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
K. BAKER
 DRAWN BY
K. BAKER
 CHECKED BY
D. HOLMAN
 IN CHARGE
G. CAMPBELL
 DATE
01/24/2020

**RECORD
PEPD
SUBMITTAL**

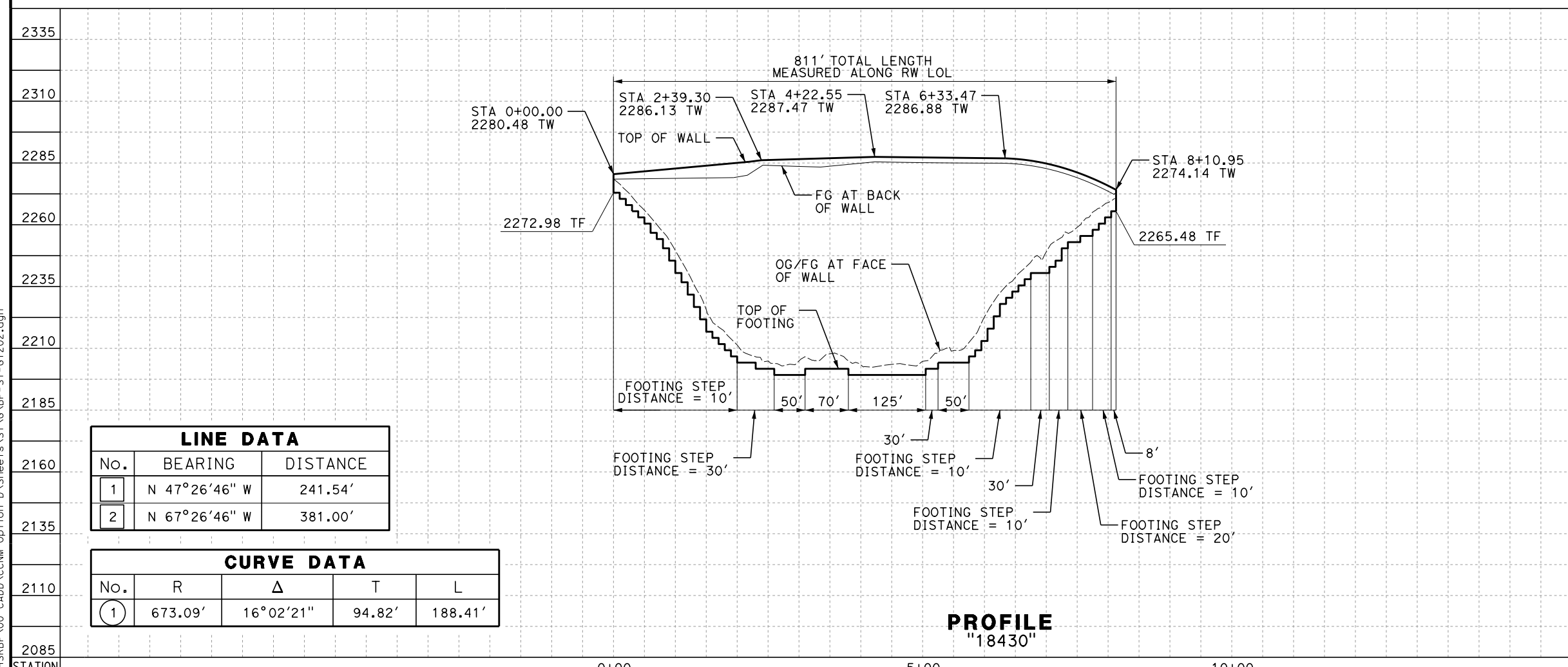
**NOT FOR
CONSTRUCTION**



CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
 REFINED CCNM DESIGN OPTION
 RETAINING WALL
 "18335"
 PLAN AND PROFILE

CONTRACT NO.
HSR13-44
 DRAWING NO.
ST-G1201
 SCALE
AS SHOWN
 SHEET NO.

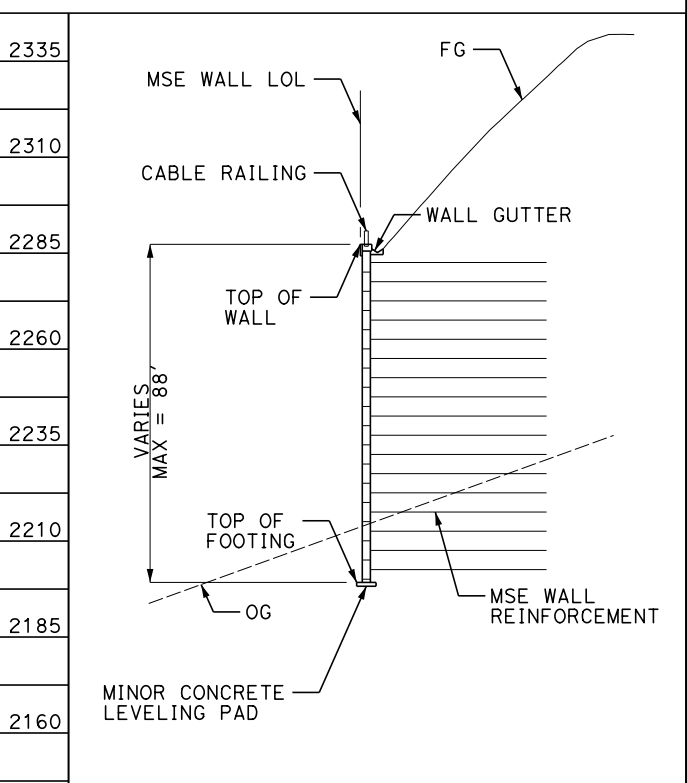
Projects\T01206.00_CHSRBP\00_CADD\CCNM_Option_D\Sheets\ST\NG\BP-ST-G1202.dgn
 katharine.baker@tylin.com 2/20/2020 2:05:15 AM



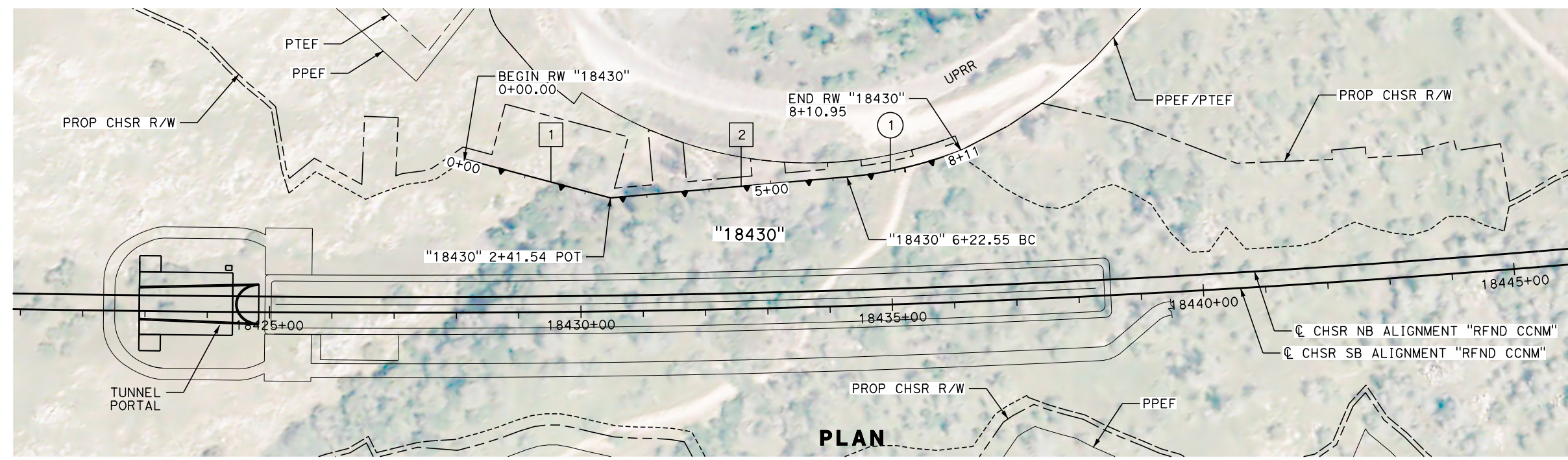
LINE DATA		
No.	BEARING	DISTANCE
1	N 47°26'46" W	241.54'
2	N 67°26'46" W	381.00'

CURVE DATA				
No.	R	Δ	T	L
1	673.09'	16°02'21"	94.82'	188.41'

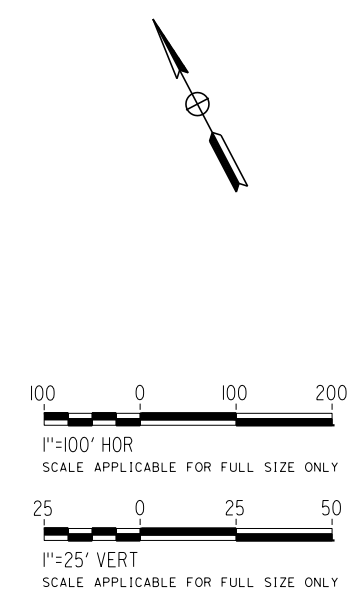
PROFILE
"18430"



TYPICAL WALL SECTION



PLAN



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
K. BAKER
 DRAWN BY
K. BAKER
 CHECKED BY
D. HOLMAN
 IN CHARGE
G. CAMPBELL
 DATE
01/24/2020

**RECORD
PEPD
SUBMITTAL**

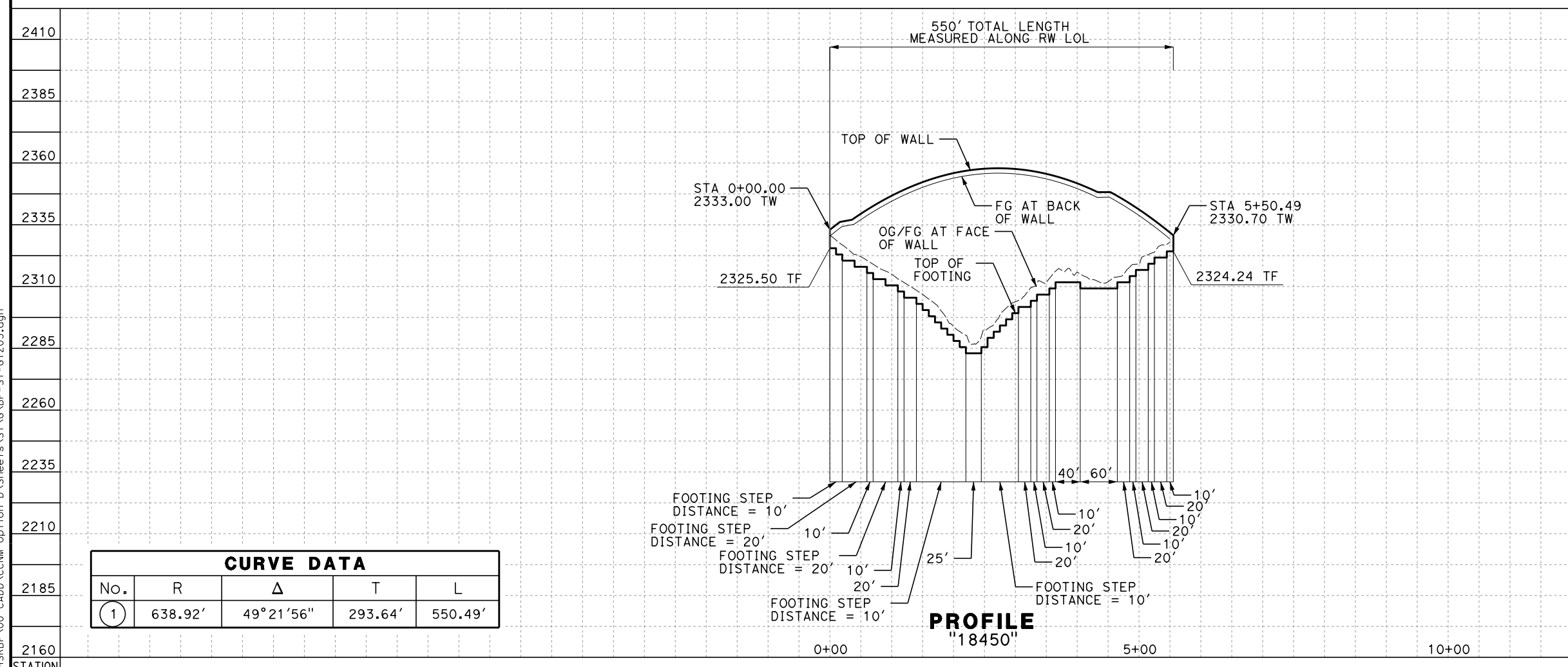
**NOT FOR
CONSTRUCTION**



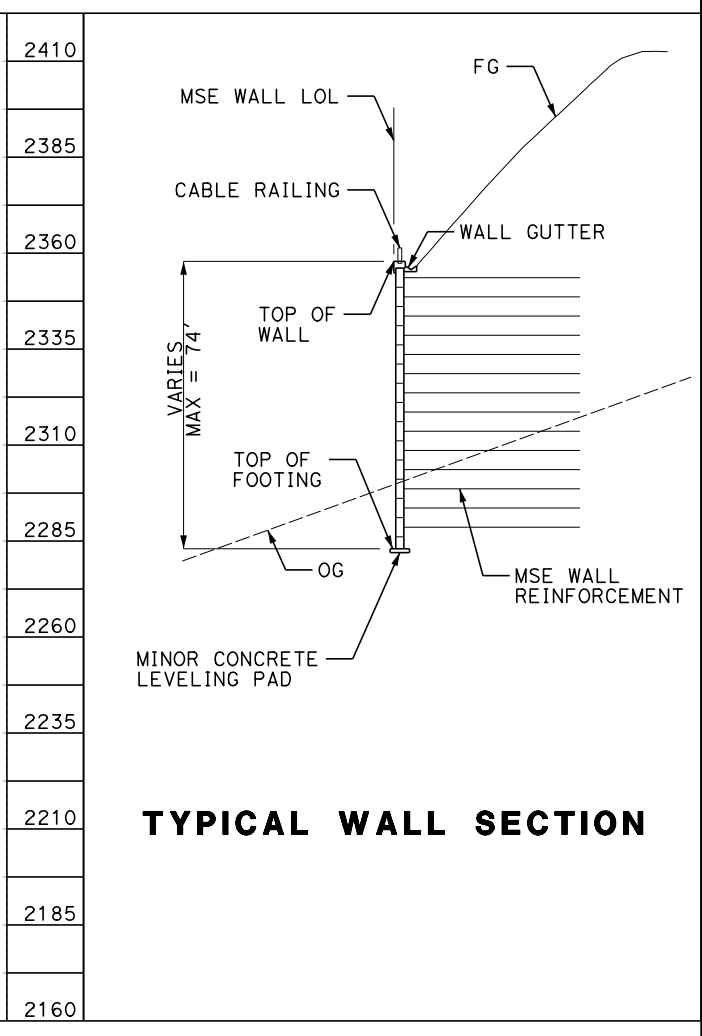
CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
 REFINED CCNM DESIGN OPTION
 RETAINING WALL
 "18430"
 PLAN AND PROFILE

CONTRACT NO.
HSR13-44
 DRAWING NO.
ST-G1202
 SCALE
AS SHOWN
 SHEET NO.

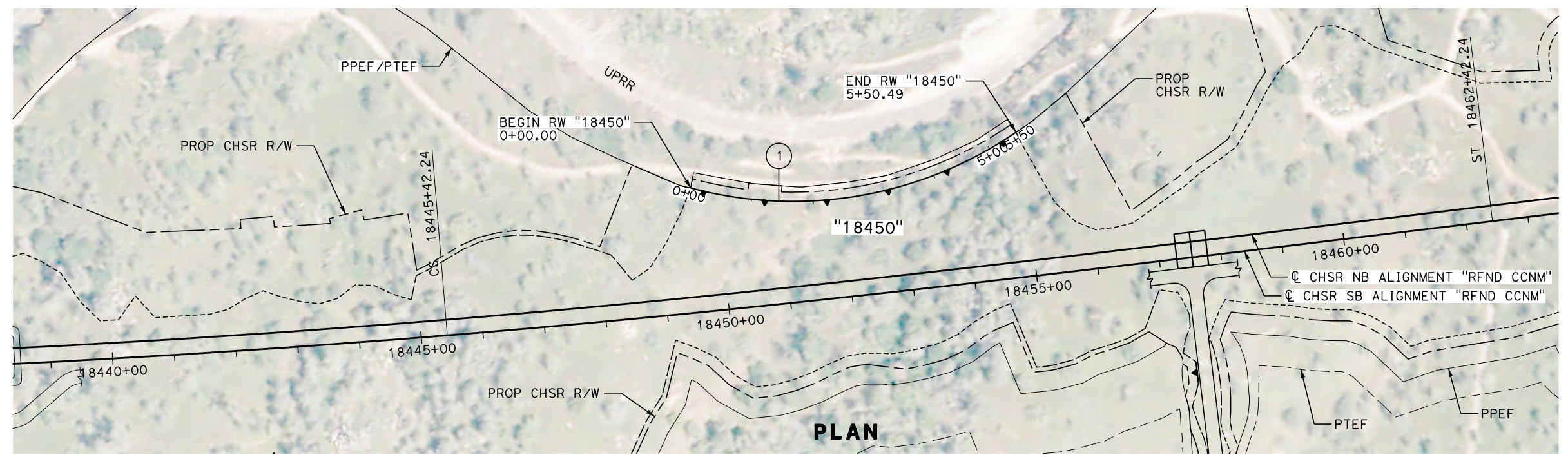
Projects\T01206.00_CHSRBP\00_CADD\CCNM_Option D\Sheets\ST\NG\BP-ST-G1203.dgn
 katharine.baker 03/20/2020 10:05:42 AM



CURVE DATA				
No.	R	Δ	T	L
1	638.92'	49°21'56"	293.64'	550.49'



TYPICAL WALL SECTION



PLAN

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
K. BAKER
 DRAWN BY
K. BAKER
 CHECKED BY
D. HOLMAN
 IN CHARGE
G. CAMPBELL
 DATE
01/24/2020

**RECORD
PEPD
SUBMITTAL**

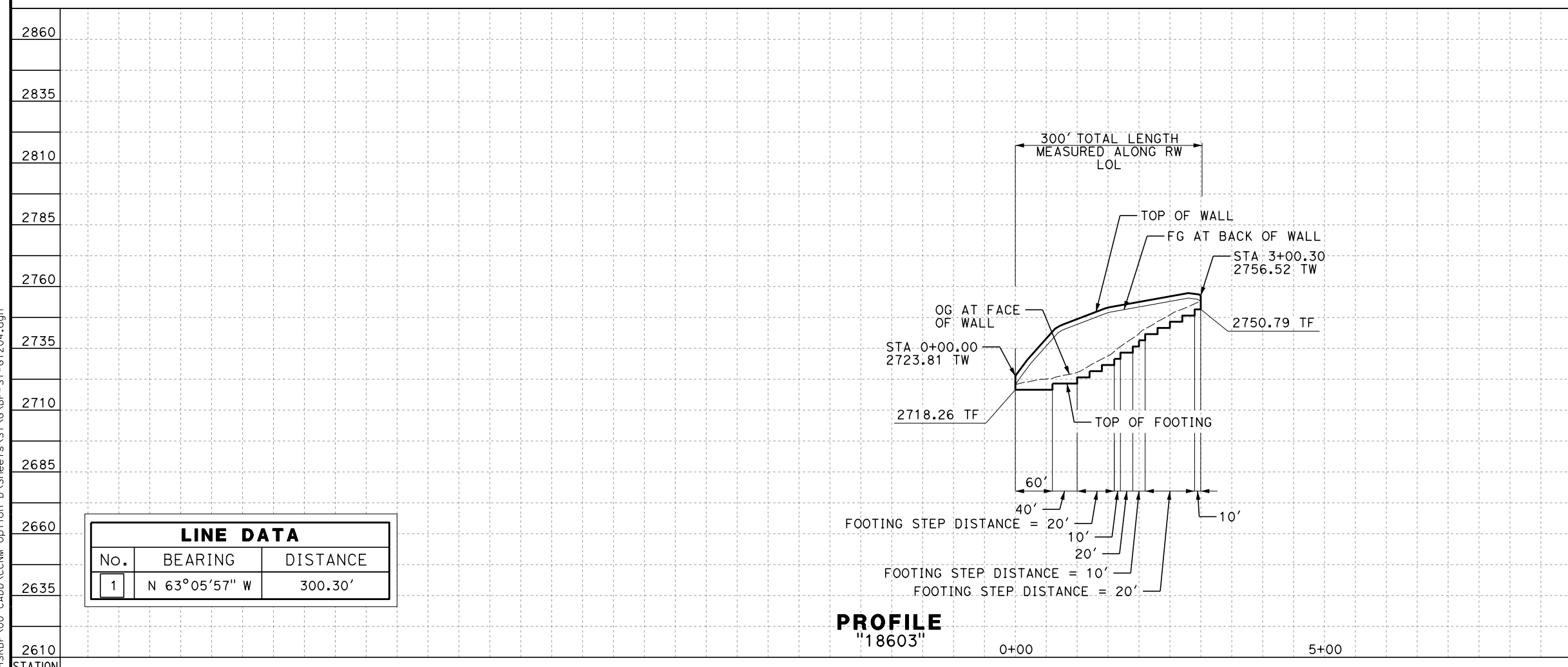
**NOT FOR
CONSTRUCTION**



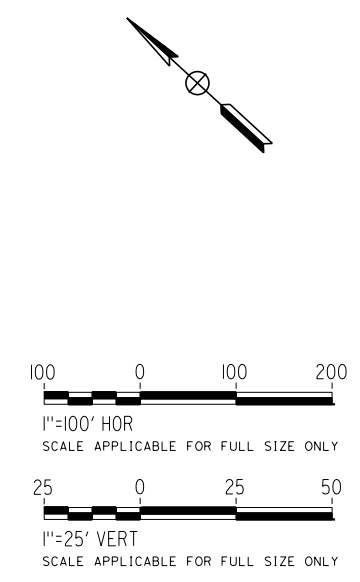
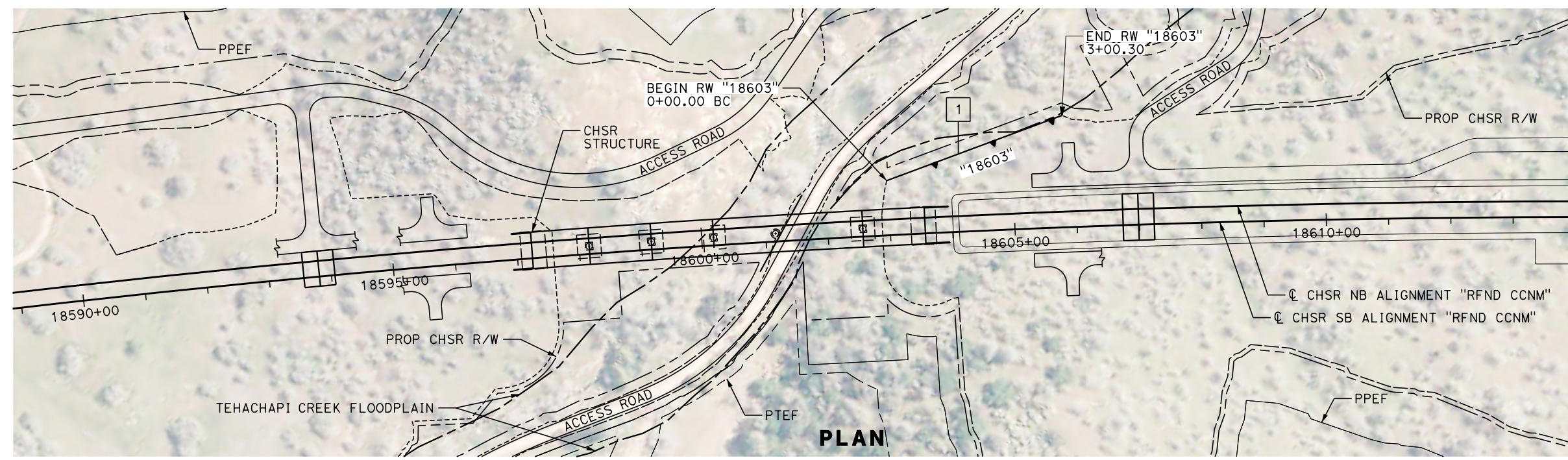
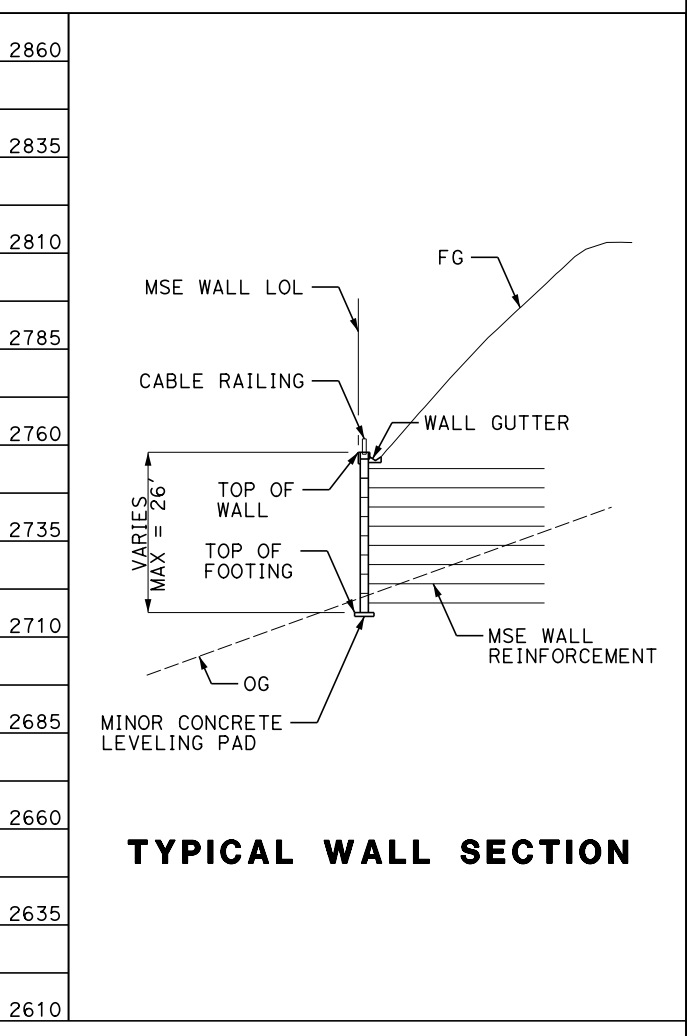
CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
 REFINED CCNM DESIGN OPTION
 RETAINING WALL
 "18450"
 PLAN AND PROFILE

CONTRACT NO.
HSR13-44
 DRAWING NO.
ST-G1203
 SCALE
AS SHOWN
 SHEET NO.

Projects\701206.00_CHSRBP\00_CADD\CCNM_Option D\Sheets\ST\NG\BP-ST-G1204.dgn
 katharine.baker@tylin.com 2/20/2020 2:05:22 AM



LINE DATA		
No.	BEARING	DISTANCE
1	N 63°05'57" W	300.30'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
K. BAKER
 DRAWN BY
K. BAKER
 CHECKED BY
D. HOLMAN
 IN CHARGE
G. CAMPBELL
 DATE
01/24/2020

**RECORD
 PECD
 SUBMITTAL**

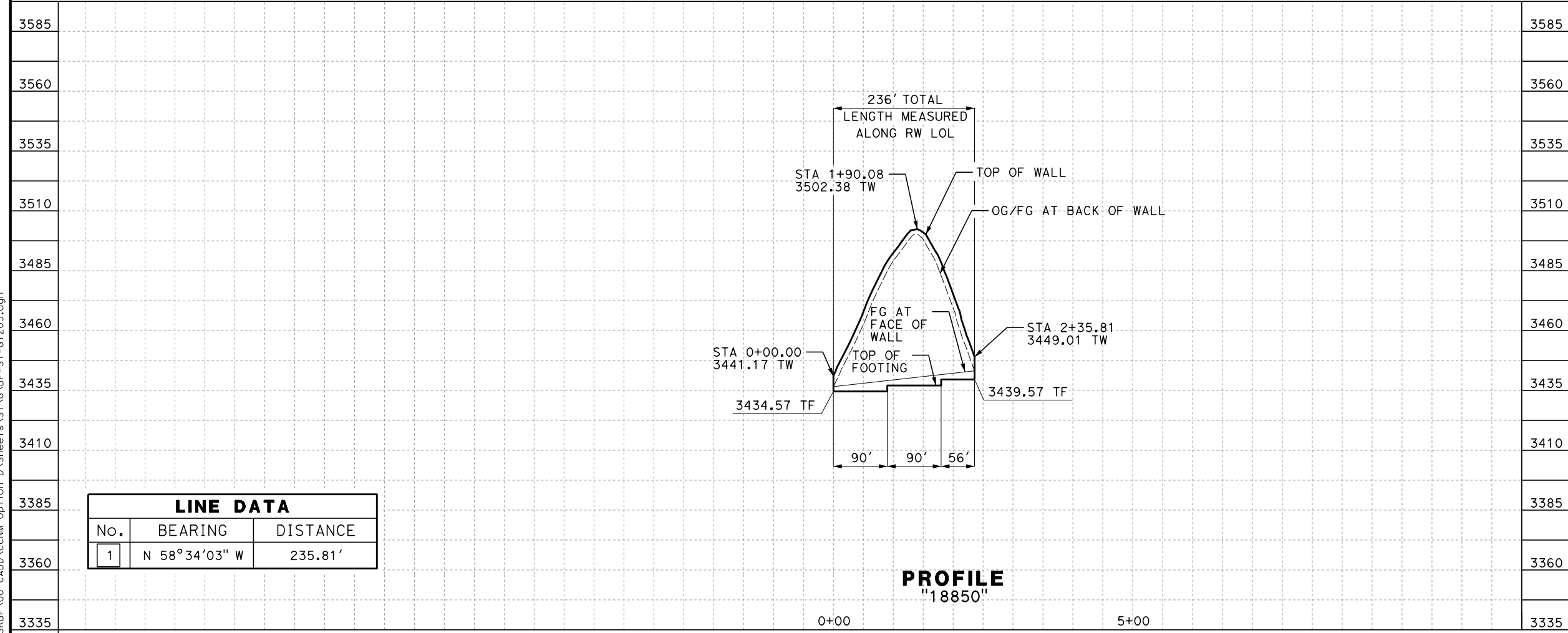
**NOT FOR
 CONSTRUCTION**



CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
 REFINED CCNM DESIGN OPTION
 RETAINING WALL
 "18603"
 PLAN AND PROFILE

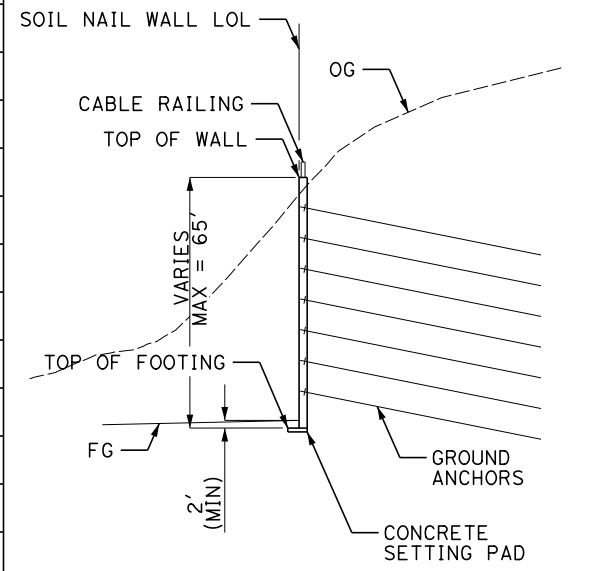
CONTRACT NO.
HSR13-44
 DRAWING NO.
ST-G1204
 SCALE
AS SHOWN
 SHEET NO.

Projects\701206.00_CHSRBP\00_CADD\CCNM_Option D\Sheets\ST\G.BP-ST-G1205.dgn
 katharine.baker 03/20/2020 2:05:44 AM

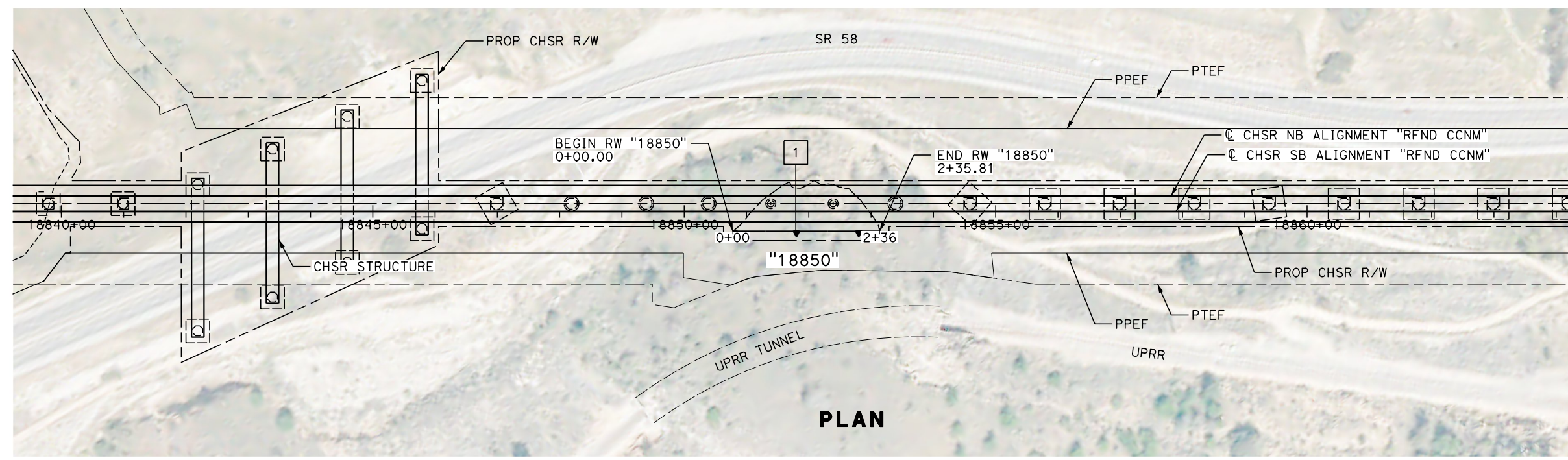


LINE DATA		
No.	BEARING	DISTANCE
1	N 58° 34' 03" W	235.81'

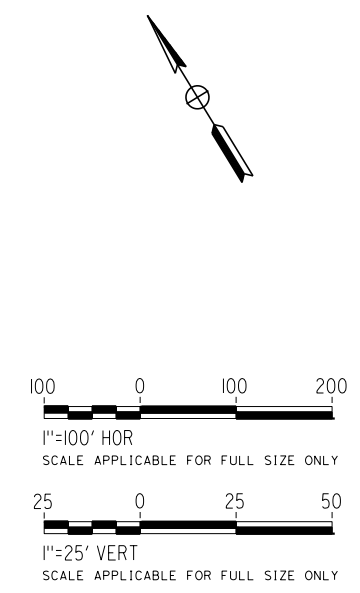
PROFILE
"18850"



TYPICAL WALL SECTION



PLAN



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
K. BAKER
 DRAWN BY
K. BAKER
 CHECKED BY
D. HOLMAN
 IN CHARGE
G. CAMPBELL
 DATE
01/24/2020

**RECORD
PEPD
SUBMITTAL**

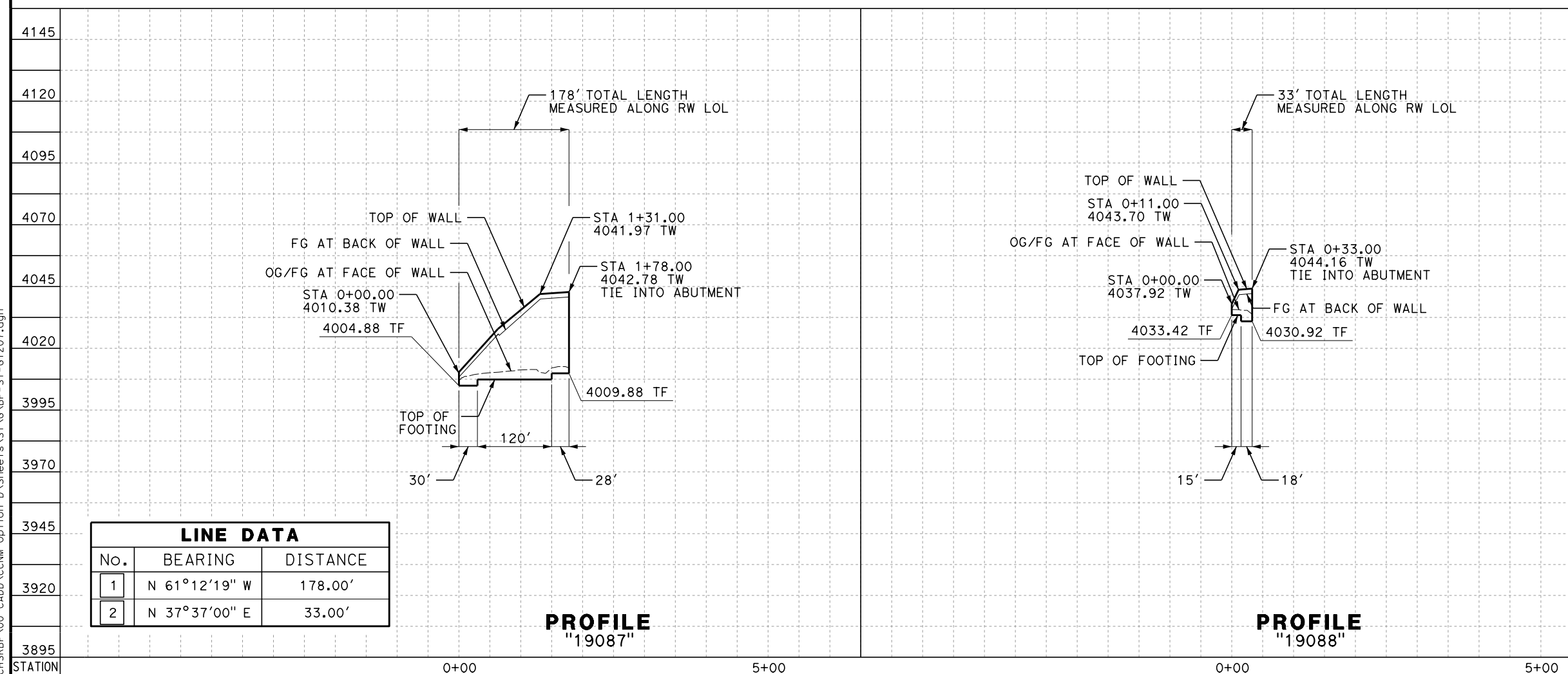
**NOT FOR
CONSTRUCTION**



CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
 REFINED CCNM DESIGN OPTION
 RETAINING WALL
 "18850"
 PLAN AND PROFILE

CONTRACT NO.
HSR13-44
 DRAWING NO.
ST-G1205
 SCALE
AS SHOWN
 SHEET NO.

Projects\701206.00_CHSRBP\00_CADD\CCNM_Option D\Sheets\ST\NG\BP-ST-G1207.dgn
 katharine.baker 03/20/2020 10:05:15 AM

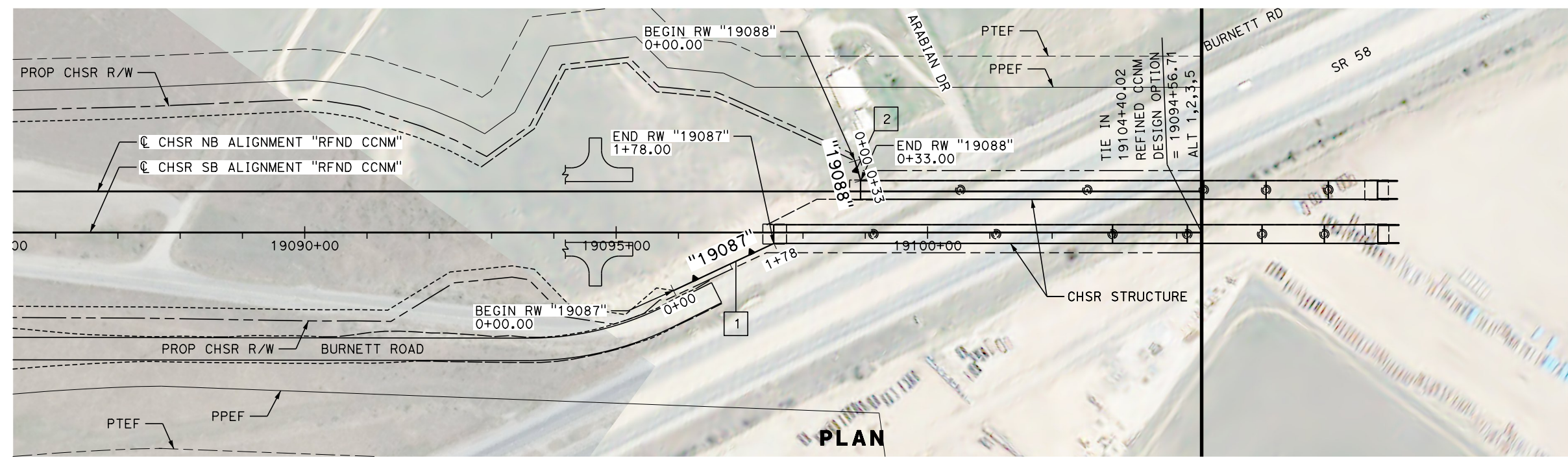
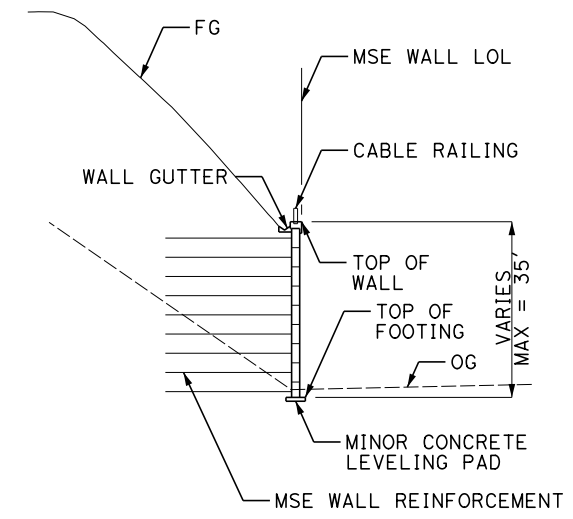


LINE DATA		
No.	BEARING	DISTANCE
1	N 61°12'19" W	178.00'
2	N 37°37'00" E	33.00'

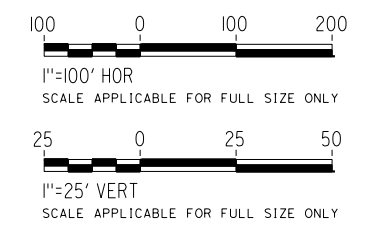
PROFILE
"19087"

PROFILE
"19088"

TYPICAL WALL SECTION



PLAN



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
K. BAKER
 DRAWN BY
K. BAKER
 CHECKED BY
D. HOLMAN
 IN CHARGE
G. CAMPBELL
 DATE
01/24/2020

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
 REFINED CCNM DESIGN OPTION
 RETAINING WALL
 "19087" AND "19088"
 PLAN AND PROFILE

CONTRACT NO.
HSR13-44
 DRAWING NO.
ST-G1207
 SCALE
AS SHOWN
 SHEET NO.