

Projects\701206_00_CHSRBP\00_CADD\Sheet_Files\CV\G\BP-CV-G4197

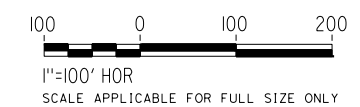
5:52:40 AM

1/14/2021

Glenn.Yamanaka@tylin.com



MATCH LINE (CV-G4198)



PLAN

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

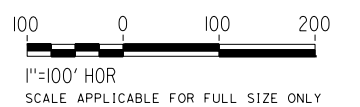
CONTRACT NO.
HSR13-44
DRAWING NO.
CV-G4197
SCALE
AS SHOWN
SHEET NO.
710

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

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

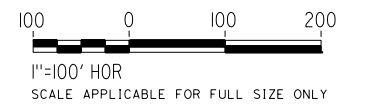
SCALE
AS SHOWN

SHEET NO.
711

MATCH LINE (CV-G4141)



PLAN



Projects\701206.00_CHSRBP\00_CADD\Sheet Files\CV\G\BP-CV-G4199

5:54:10 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
ROAD CROSSING STA 20806+00

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-G4199
SCALE
AS SHOWN
SHEET NO.
712

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**

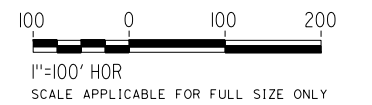
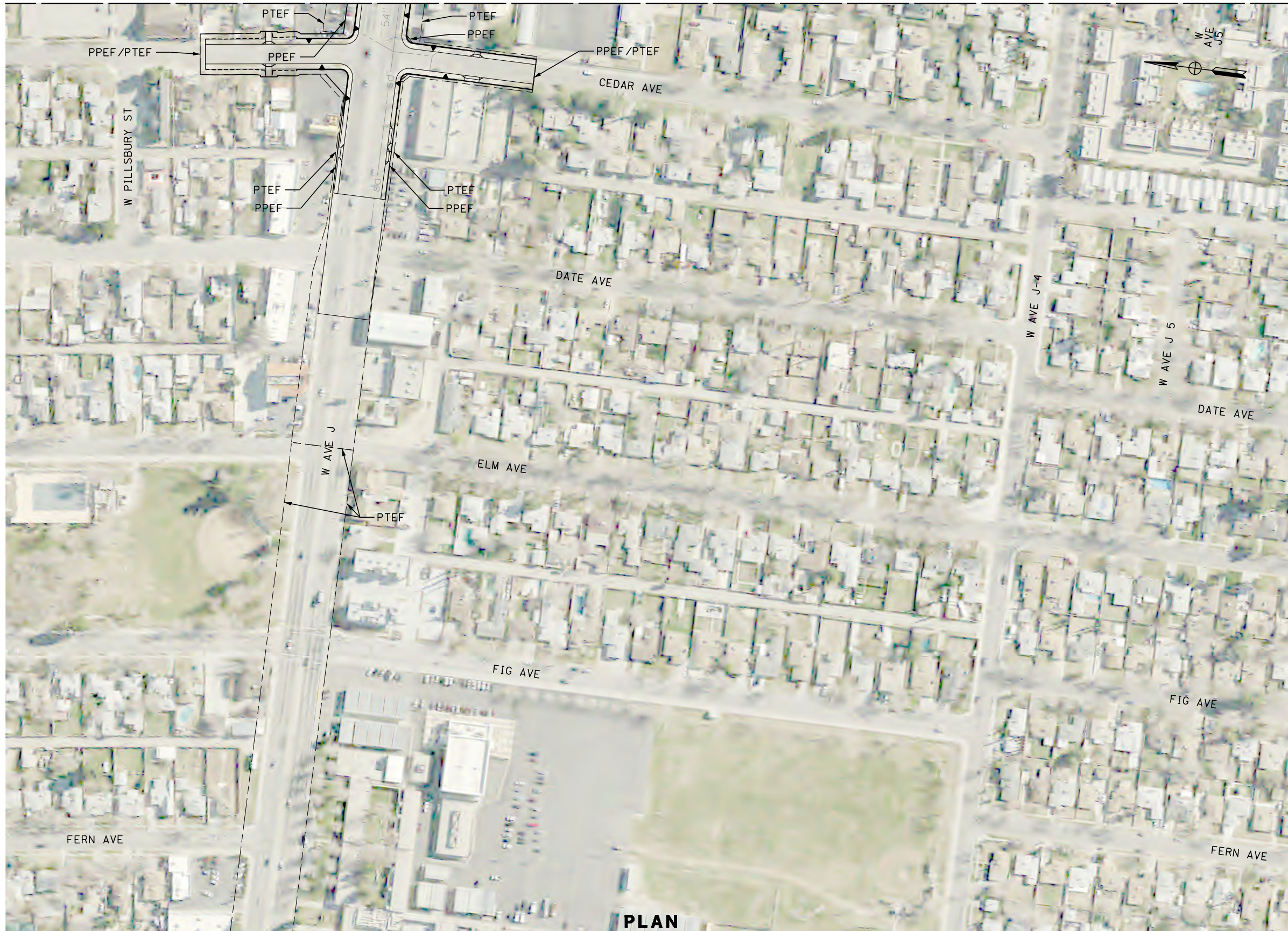
**NOT FOR
CONSTRUCTION**



**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.
713

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**

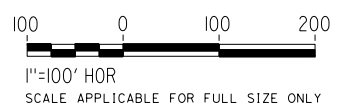
**NOT FOR
CONSTRUCTION**



**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.
714



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

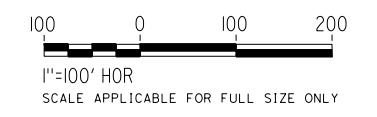
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HSR13-44
DRAWING NO.
CV-G4208
SCALE
AS SHOWN
SHEET NO.
715

Projects\701206.00_CHSRBP\00_CADD\Sheet_Files\CV\G\BP-CV-G4209

5:53:46 AM

1/14/2021

Glenn.Yamanaka@tylin.com



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**

TYLIN INTERNATIONAL



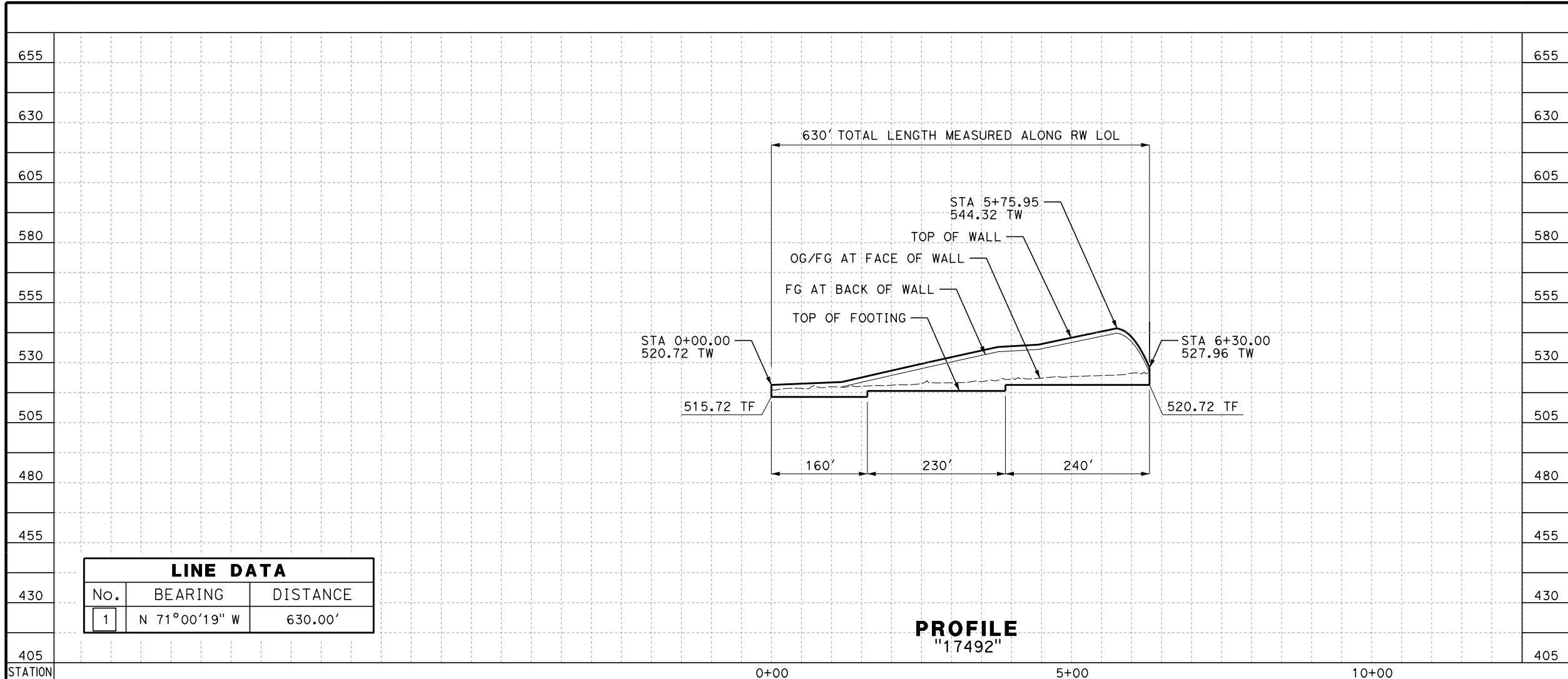
**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

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.
716

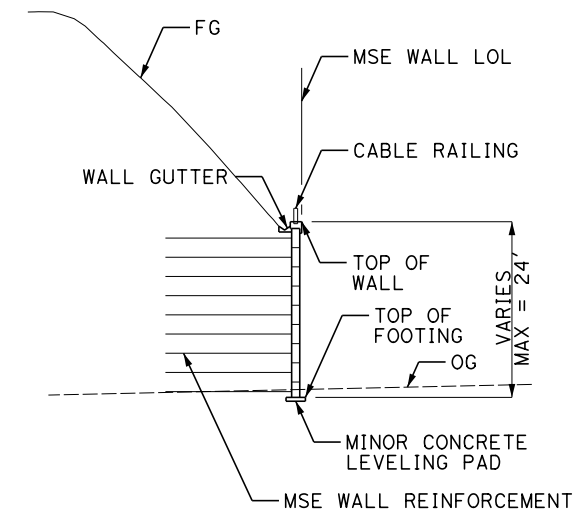
Projects\701206.00_CHSRBP\00_CADD\Sheet Files\ST\G\BP-ST-G1031

javier_lopez@tyl.com 11:15:02 PM

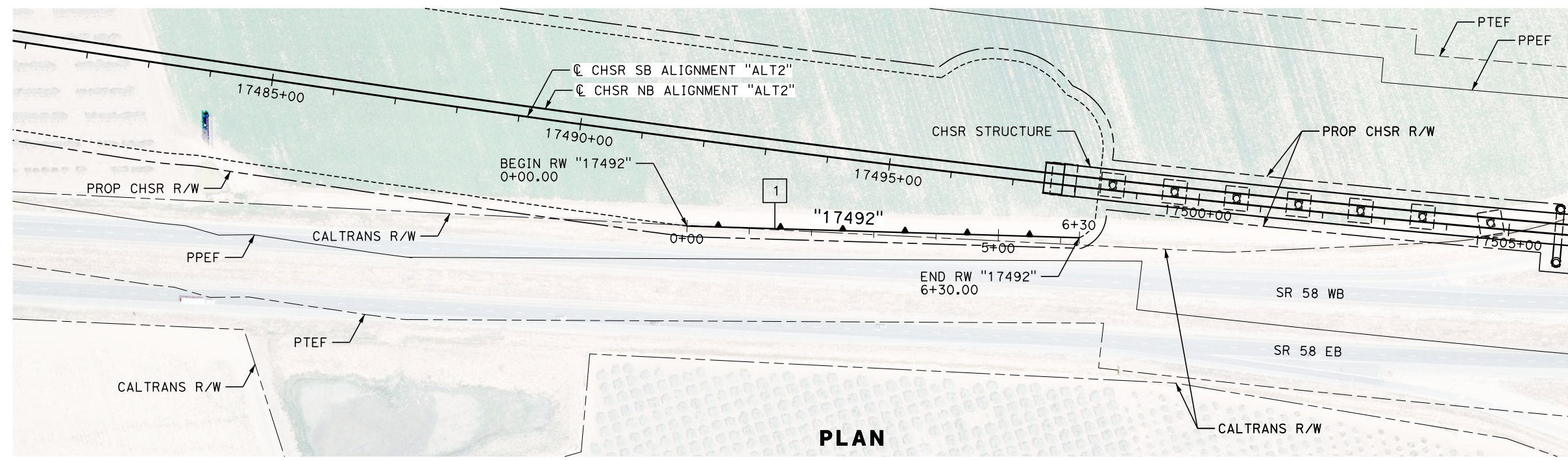


LINE DATA		
No.	BEARING	DISTANCE
1	N 71°00'19" W	630.00'

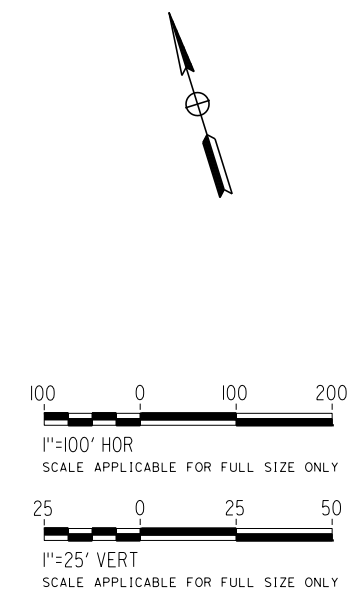
PROFILE
"17492"



TYPICAL WALL SECTION
NO SCALE



PLAN



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. DODGE
DRAWN BY
A. DODGE
CHECKED BY
S. LANDOLT
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION

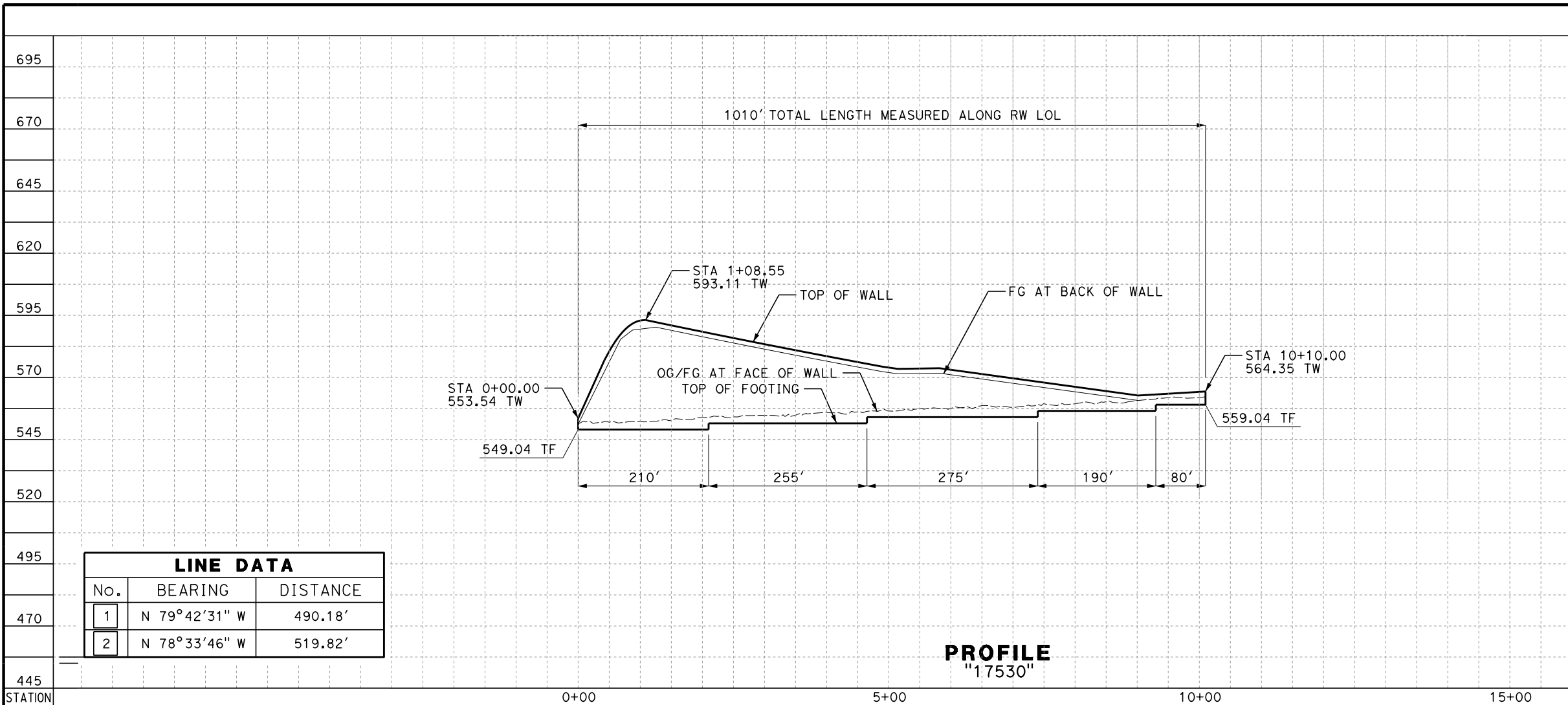


CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 2
RETAINING WALL
17492
PLAN AND PROFILE

CONTRACT NO.
HSR13-44
DRAWING NO.
BP-ST-G1031
SCALE
AS SHOWN
SHEET NO.
717

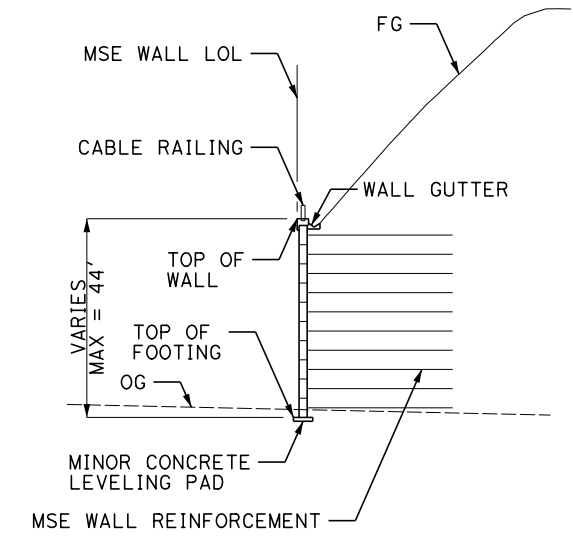
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javier_lopez@tylincorp.com 11:14:54 PM

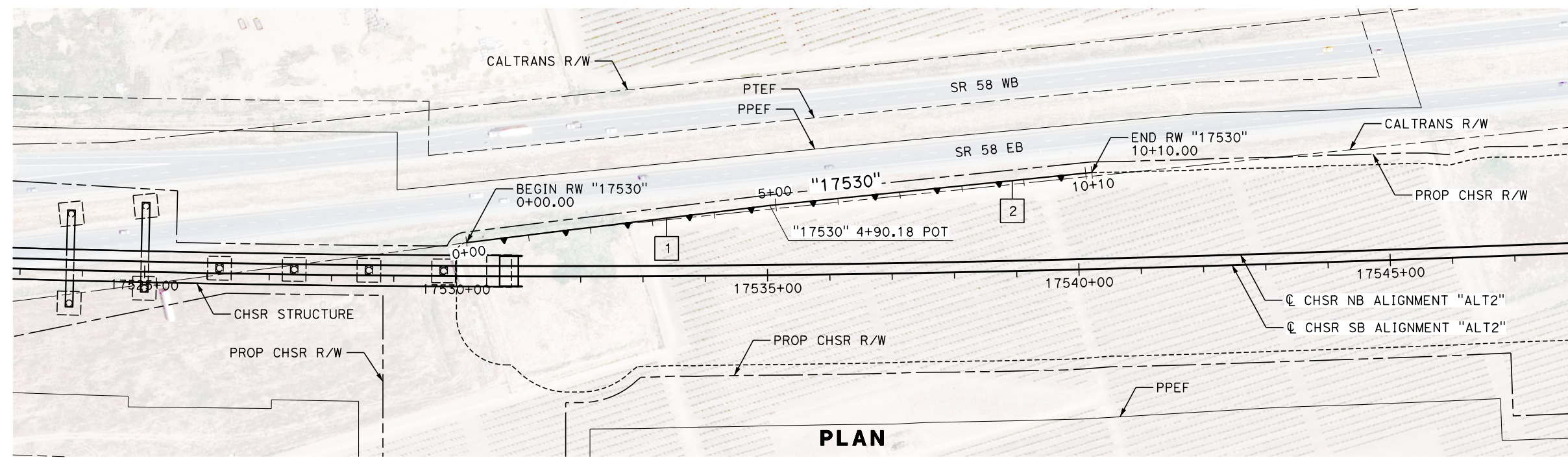


LINE DATA		
No.	BEARING	DISTANCE
1	N 79°42'31" W	490.18'
2	N 78°33'46" W	519.82'

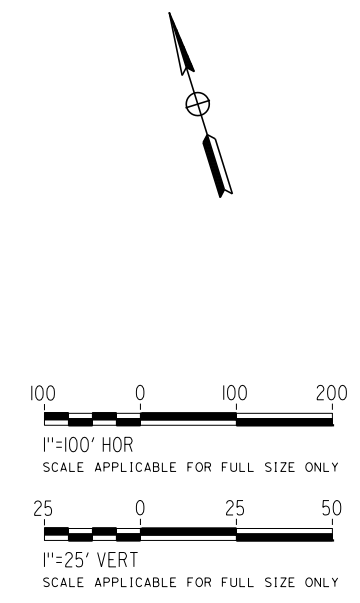
PROFILE
"17530"



TYPICAL WALL SECTION
NO SCALE



PLAN



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. DODGE
DRAWN BY
A. DODGE
CHECKED BY
S. LANDOLT
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION

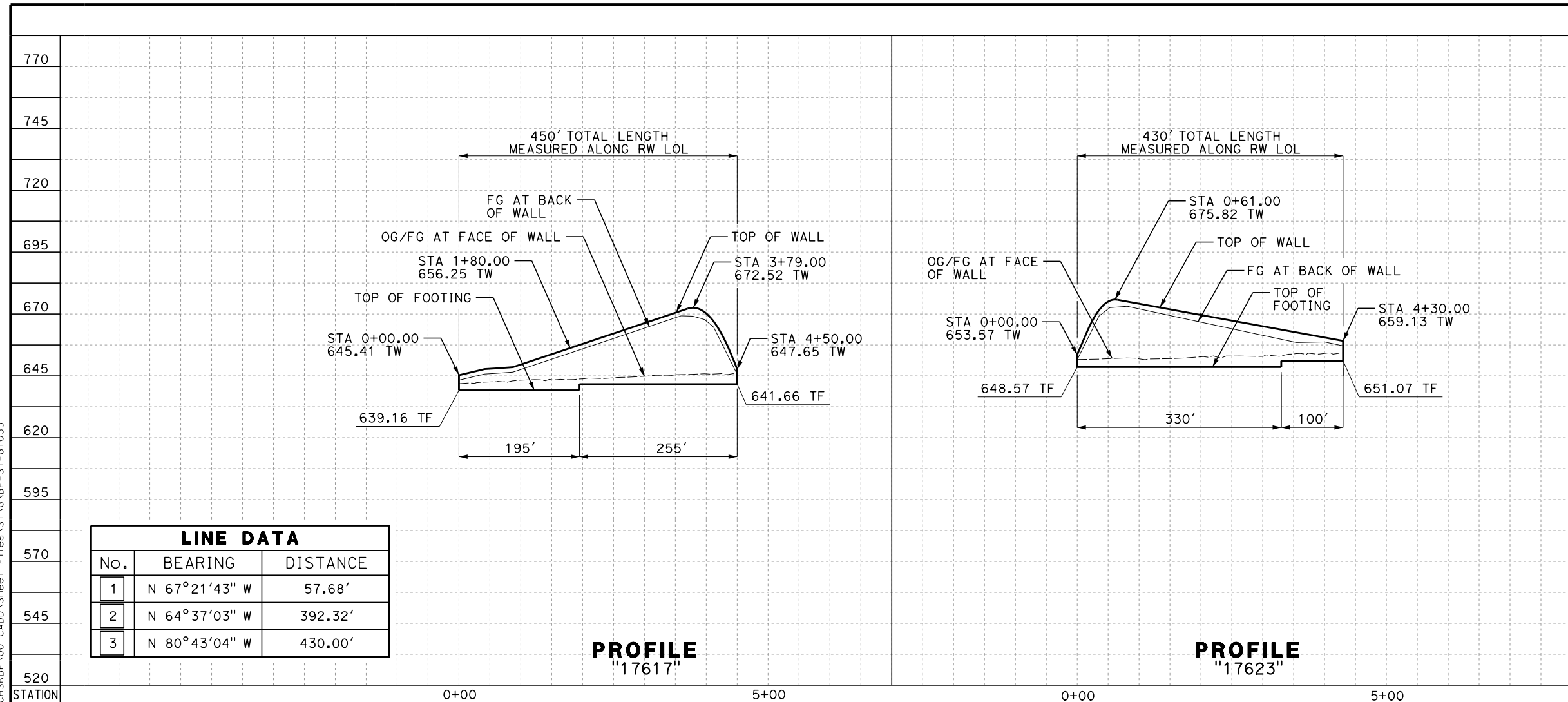


CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 2
RETAINING WALL
17530
PLAN AND PROFILE

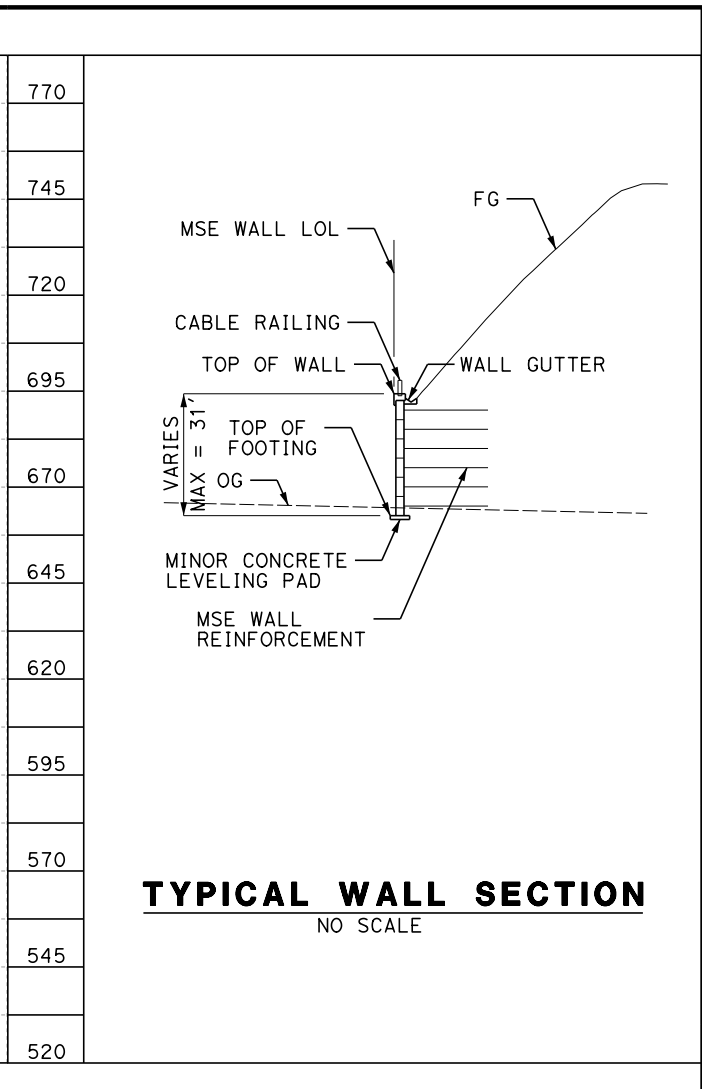
CONTRACT NO.
HSR13-44
DRAWING NO.
BP-ST-G1032
SCALE
AS SHOWN
SHEET NO.
718

Projects\701206.00_CHSRBP\00_CADD\Sheet Files\ST\ANG\BP-ST-G1033

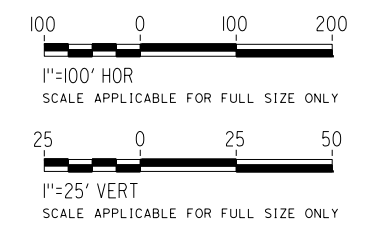
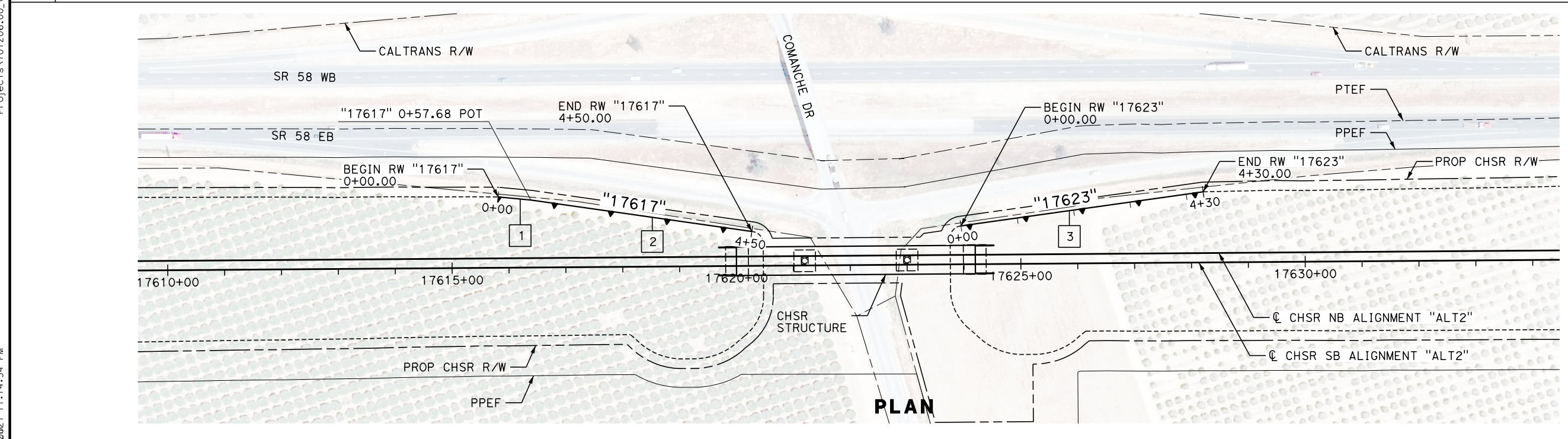
javier_lopez@tylincorp.com 11:14:54 PM



LINE DATA		
No.	BEARING	DISTANCE
1	N 67°21'43" W	57.68'
2	N 64°37'03" W	392.32'
3	N 80°43'04" W	430.00'



TYPICAL WALL SECTION
NO SCALE



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. DODGE
DRAWN BY
A. DODGE
CHECKED BY
S. LANDOLT
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION

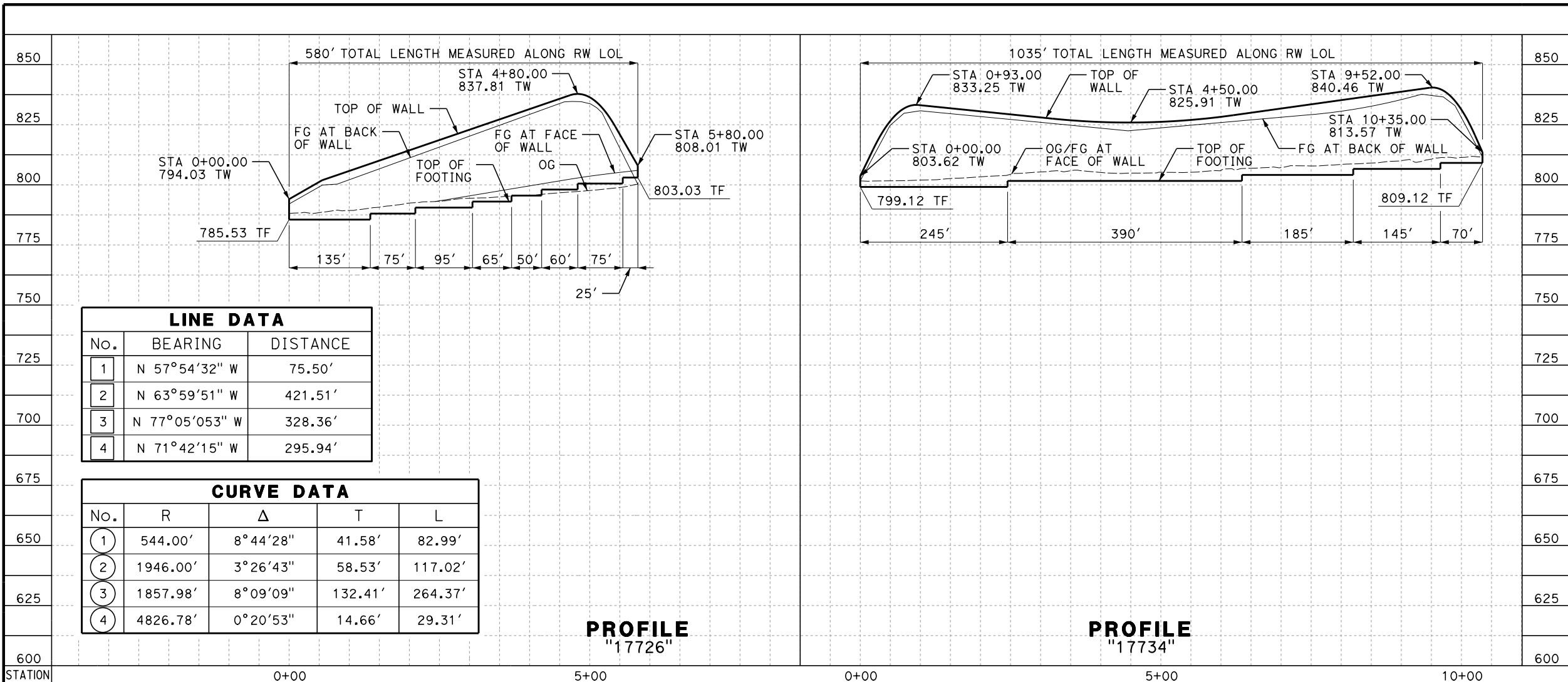


CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 2
RETAINING WALL
17617 AND 17623
PLAN AND PROFILE

CONTRACT NO.
HSR13-44
DRAWING NO.
BP-ST-G1033
SCALE
AS SHOWN
SHEET NO.
719

Projects\701206.00_CHSRBP\00_CADD\Sheet Files\ST\ANG\BP-ST-G1034

javier_lopez@tylincorp.com 11:14:49 PM



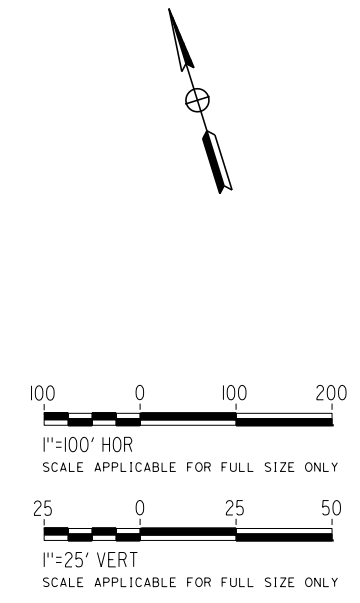
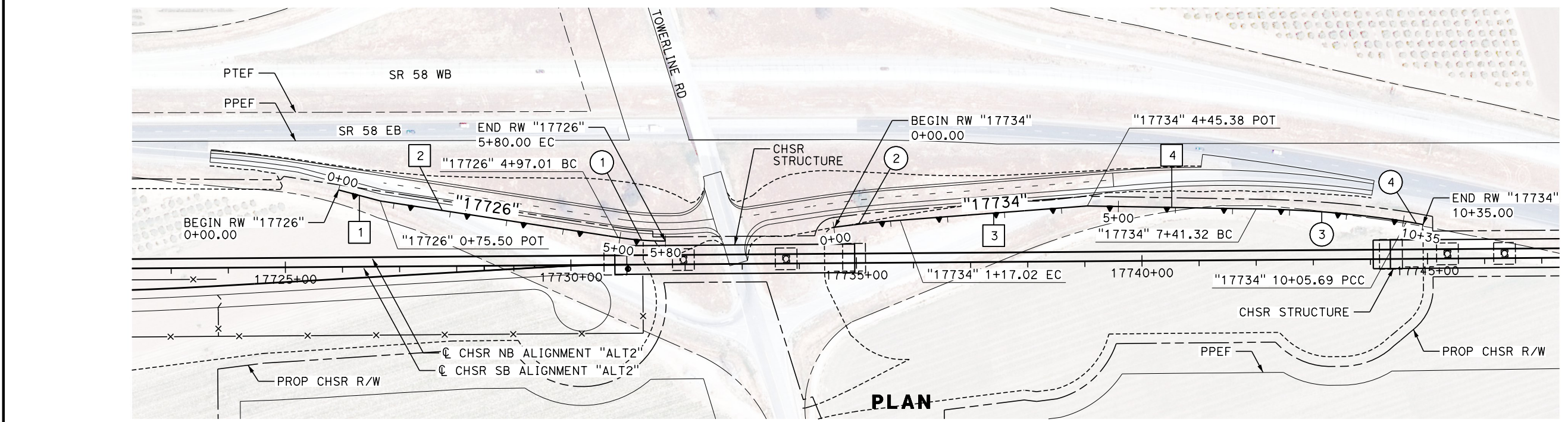
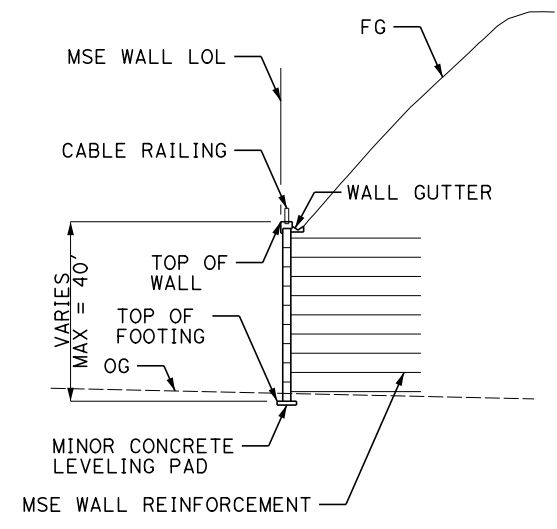
LINE DATA

No.	BEARING	DISTANCE
1	N 57°54'32" W	75.50'
2	N 63°59'51" W	421.51'
3	N 77°05'053" W	328.36'
4	N 71°42'15" W	295.94'

CURVE DATA

No.	R	Δ	T	L
1	544.00'	8°44'28"	41.58'	82.99'
2	1946.00'	3°26'43"	58.53'	117.02'
3	1857.98'	8°09'09"	132.41'	264.37'
4	4826.78'	0°20'53"	14.66'	29.31'

TYPICAL WALL SECTION
NO SCALE



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. DODGE
DRAWN BY
A. DODGE
CHECKED BY
S. LANDOLT
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION

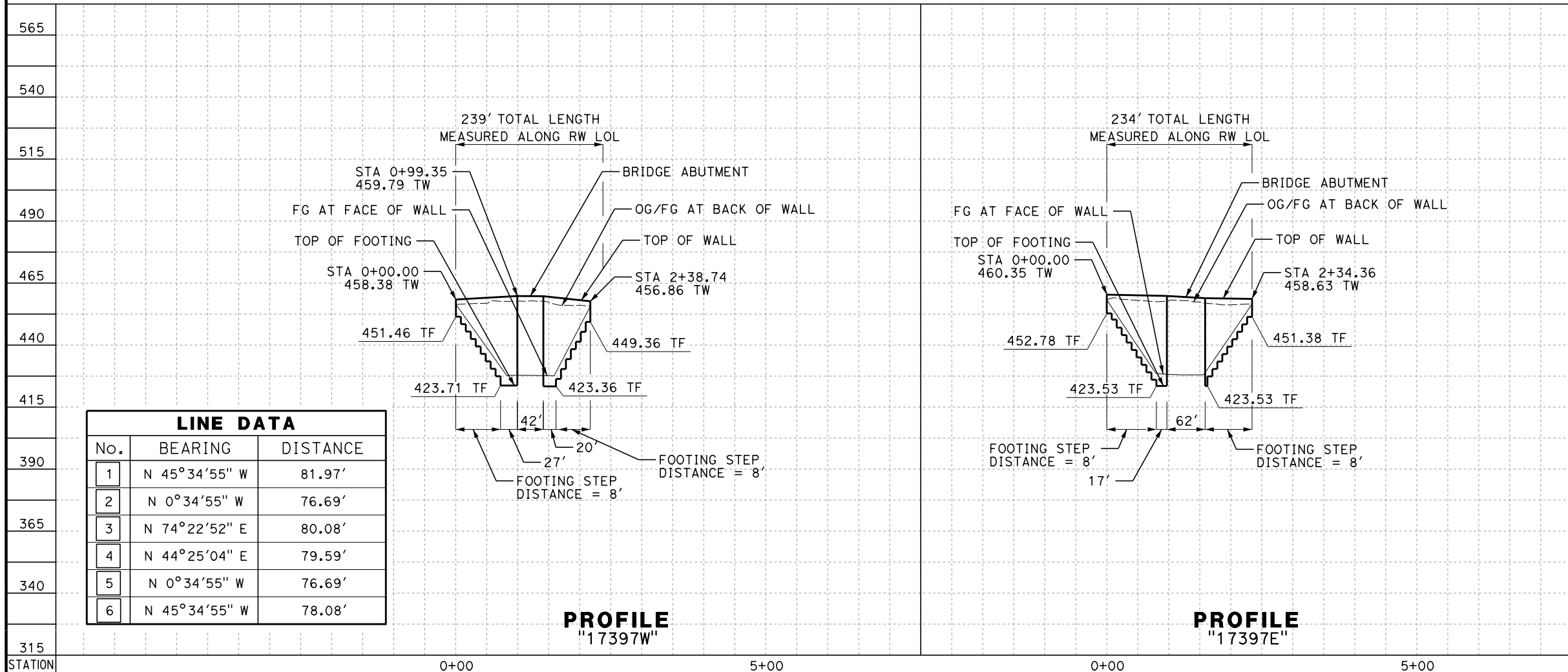


CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 2
RETAINING WALL
17726 AND 17734
PLAN AND PROFILE

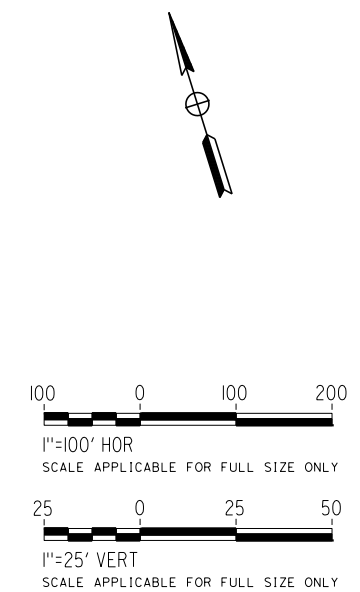
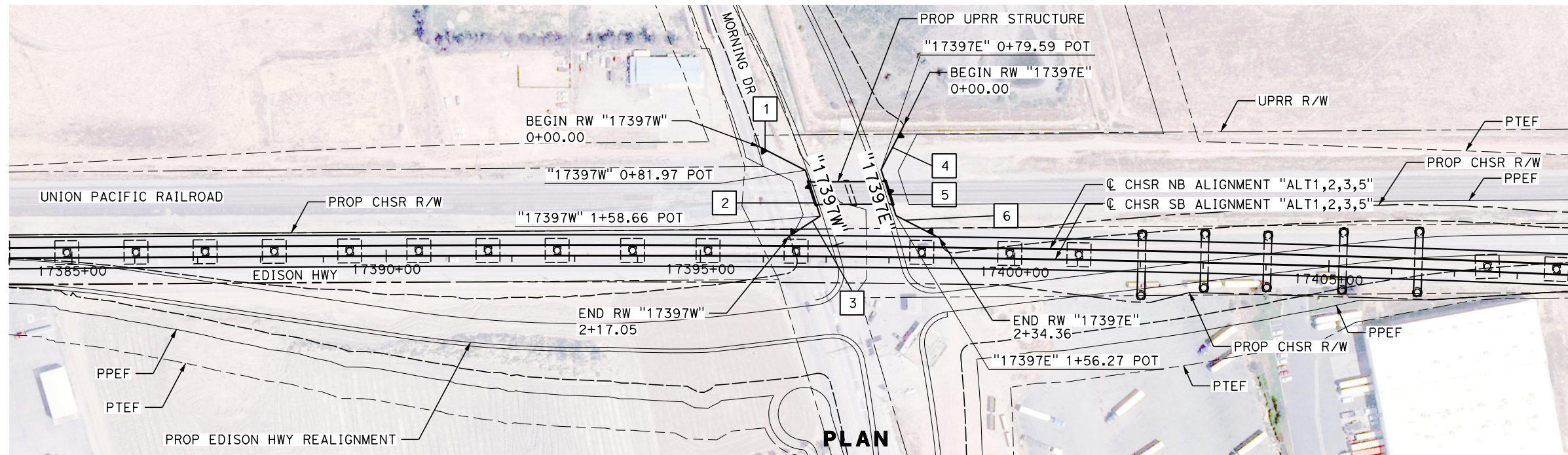
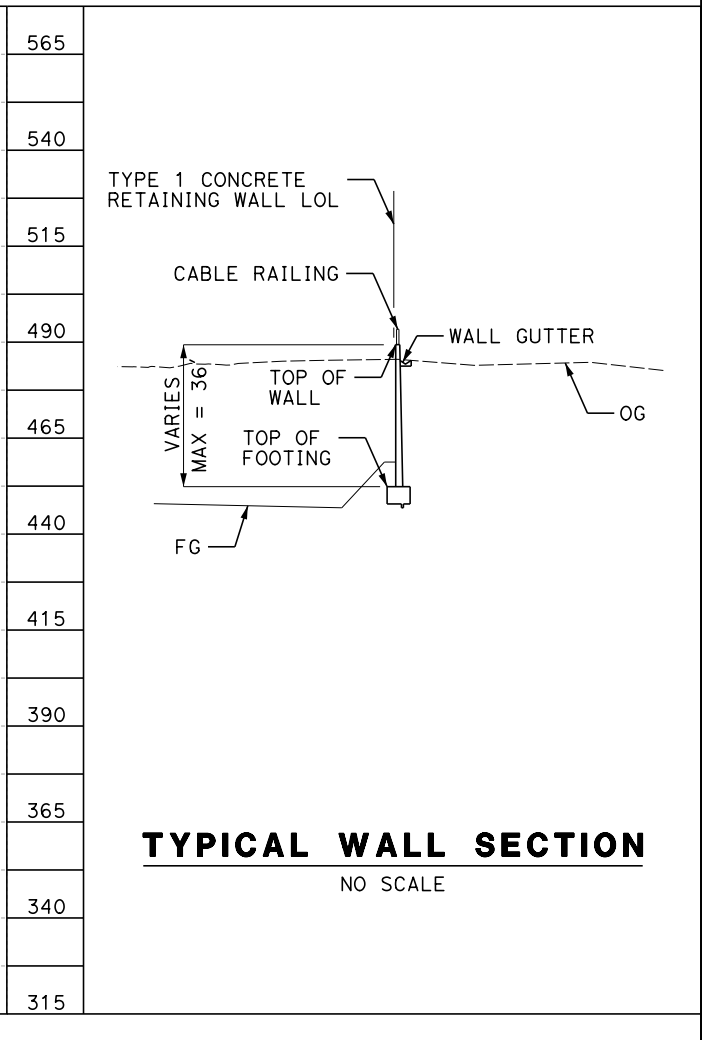
CONTRACT NO.
HSR13-44
DRAWING NO.
BP-ST-G1034
SCALE
AS SHOWN
SHEET NO.
720

Projects\T01206.00_CHSR\BP-ST-G1001

javier_lopez@tylincorp.com 11:16:11 PM



LINE DATA		
No.	BEARING	DISTANCE
1	N 45°34'55" W	81.97'
2	N 0°34'55" W	76.69'
3	N 74°22'52" E	80.08'
4	N 44°25'04" E	79.59'
5	N 0°34'55" W	76.69'
6	N 45°34'55" W	78.08'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. DODGE
DRAWN BY
A. DODGE
CHECKED BY
S. LANDOLT
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION

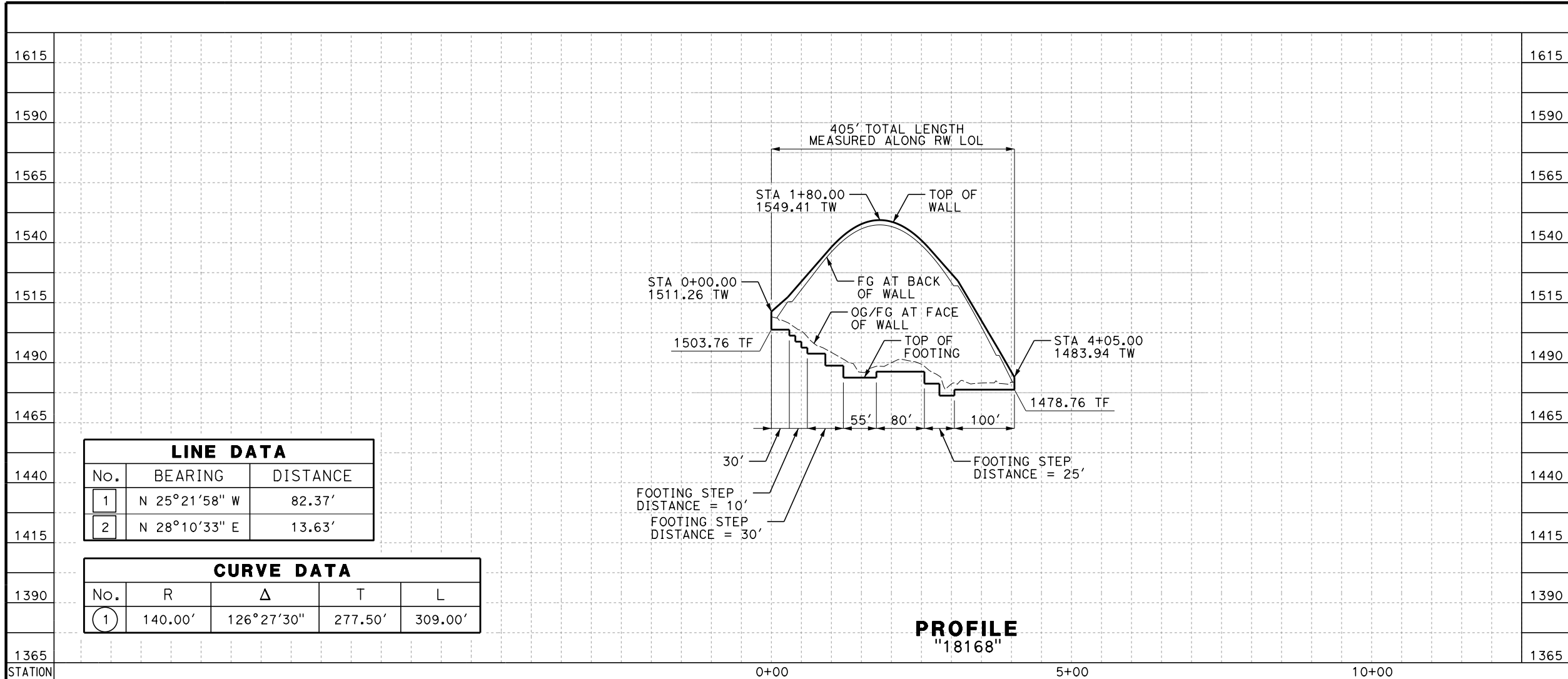


CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 1,2,3,5
RETAINING WALL
MORNING DRIVE
PLAN AND PROFILE

CONTRACT NO.
HSR13-44
DRAWING NO.
BP-ST-G1001
SCALE
AS SHOWN
SHEET NO.
721

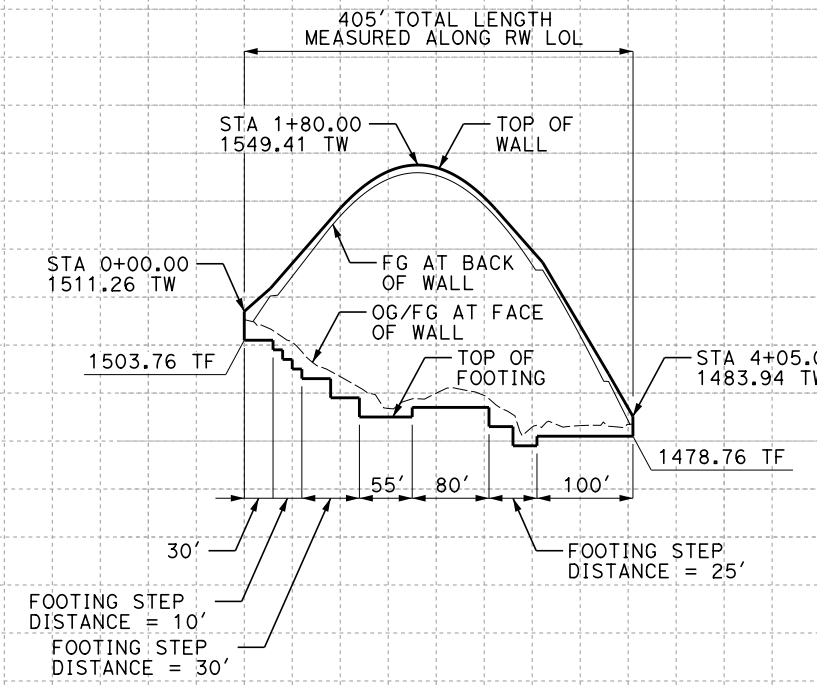
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javier_lopez@tyl.com 11:13:39 PM

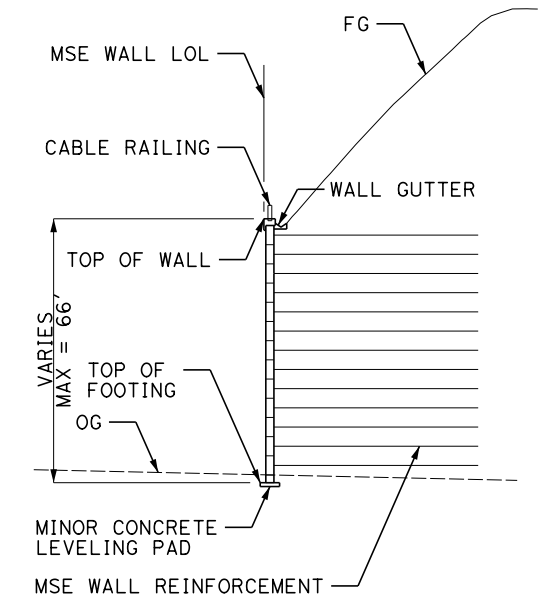


LINE DATA		
No.	BEARING	DISTANCE
1	N 25°21'58" W	82.37'
2	N 28°10'33" E	13.63'

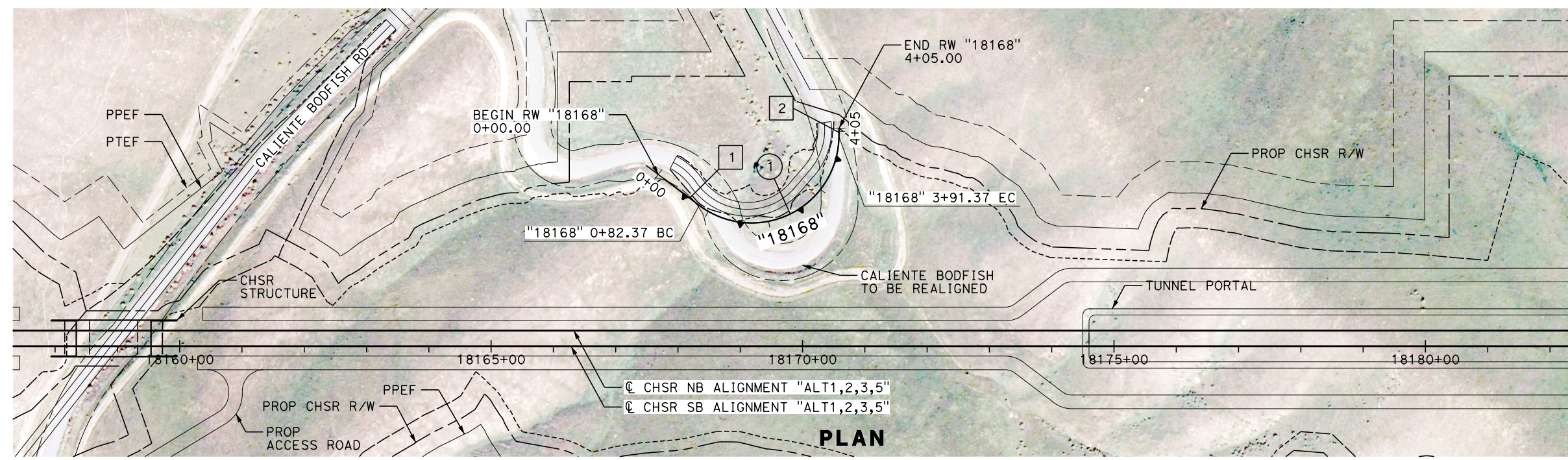
CURVE DATA				
No.	R	Δ	T	L
1	140.00'	126°27'30"	277.50'	309.00'



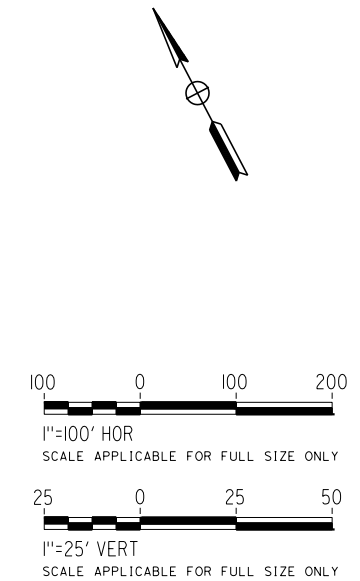
PROFILE
"18168"



TYPICAL WALL SECTION
NO SCALE



PLAN



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. DODGE
DRAWN BY
A. DODGE
CHECKED BY
S. LANDOLT
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

RECORD SET
PEPD
SUBMITTAL

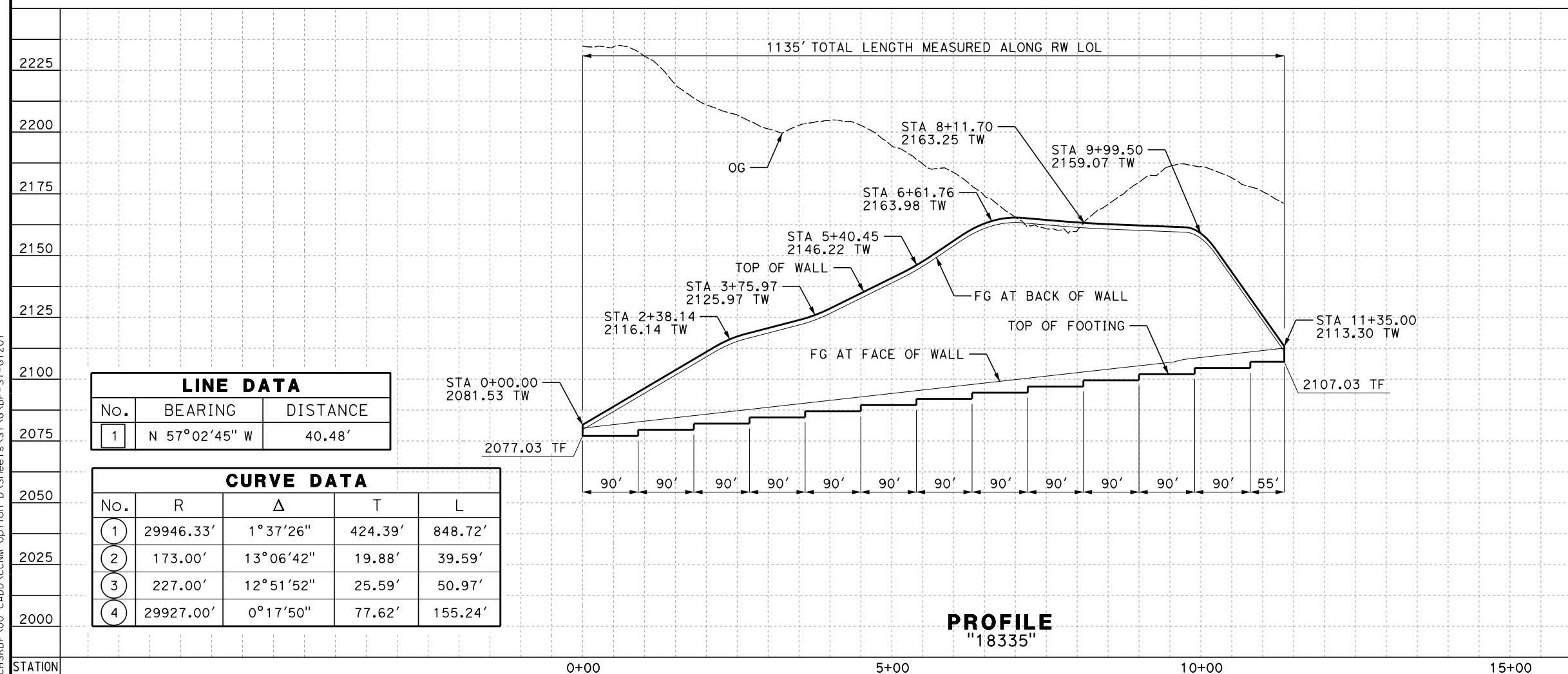
NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 1,2,3,5
RETAINING WALL
18168
PLAN AND PROFILE

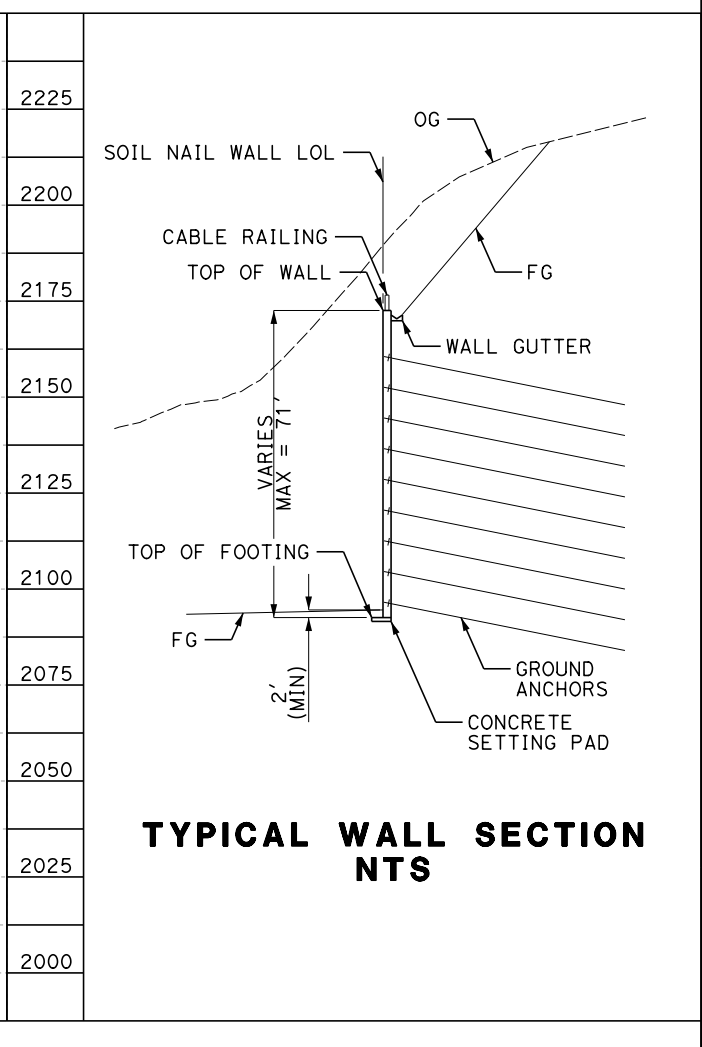
CONTRACT NO.
HSR13-44
DRAWING NO.
BP-ST-G1005
SCALE
AS SHOWN
SHEET NO.
722

Projects\701206.00_CHSRBP\00_CADD\CCNM_Option D\Sheets\ST\NG\BP-ST-G1201
ics_user_1760920\2021_3:22:31 AM



LINE DATA		
No.	BEARING	DISTANCE
1	N 57°02'45" W	40.48'

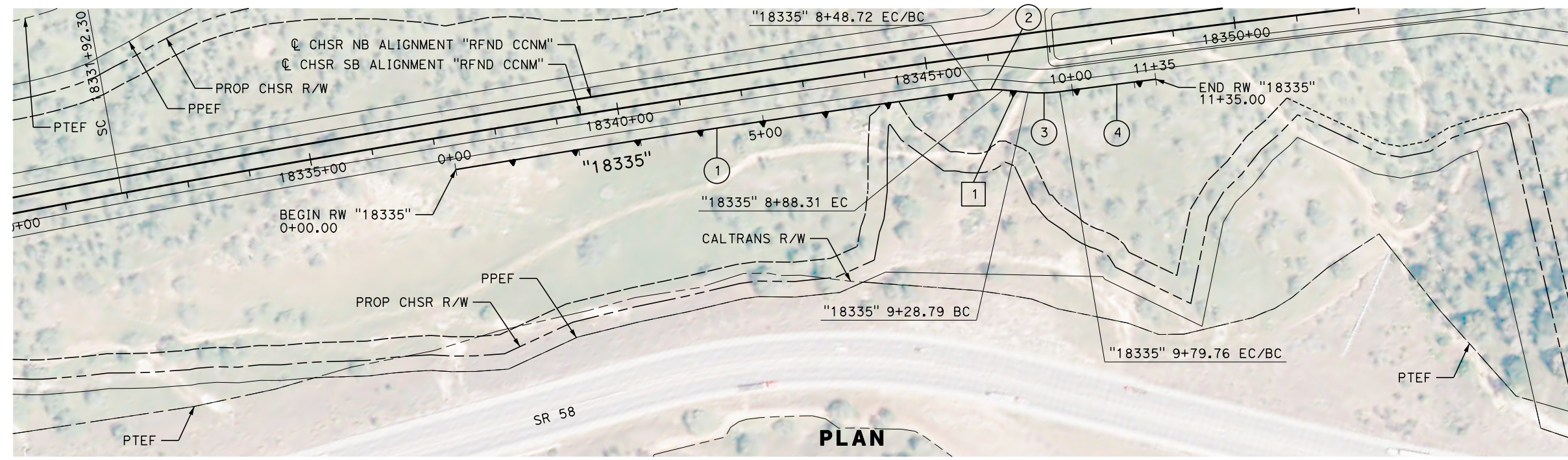
CURVE DATA				
No.	R	Δ	T	L
1	29946.33'	1°37'26"	424.39'	848.72'
2	173.00'	13°06'42"	19.88'	39.59'
3	227.00'	12°51'52"	25.59'	50.97'
4	29927.00'	0°17'50"	77.62'	155.24'



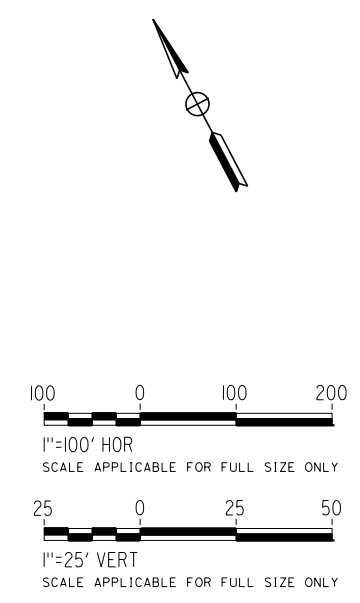
PROFILE
"18335"

TYPICAL WALL SECTION
NTS

STATION 0+00 5+00 10+00 15+00



PLAN



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. RIVERA
DRAWN BY
A. RIVERA
CHECKED BY
G. CAMPBELL
IN CHARGE
G. CAMPBELL
DATE
12/21/2020

RECORD SET
PEPD
SUBMITTAL

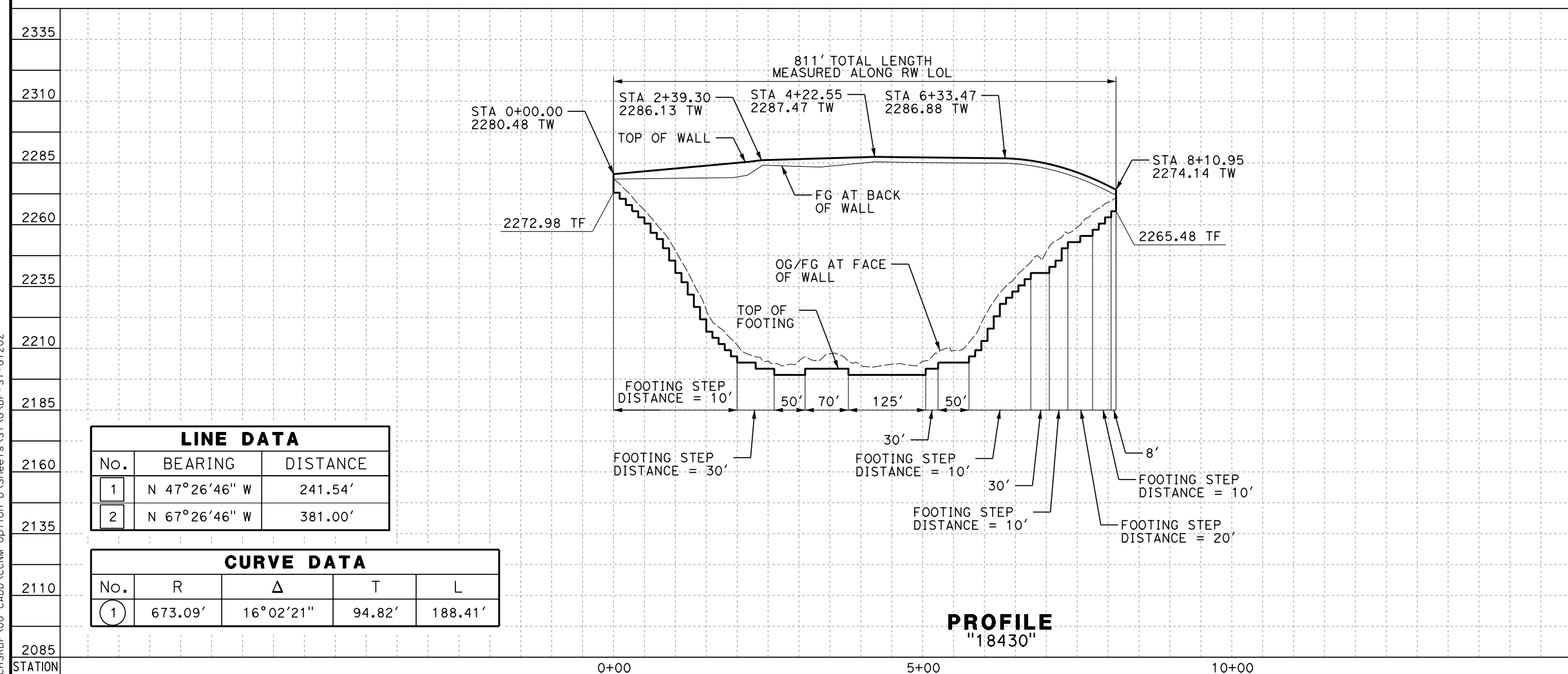
NOT FOR
CONSTRUCTION



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

CONTRACT NO.
HSR13-44
DRAWING NO.
ST-G1201
SCALE
AS SHOWN
SHEET NO.
723

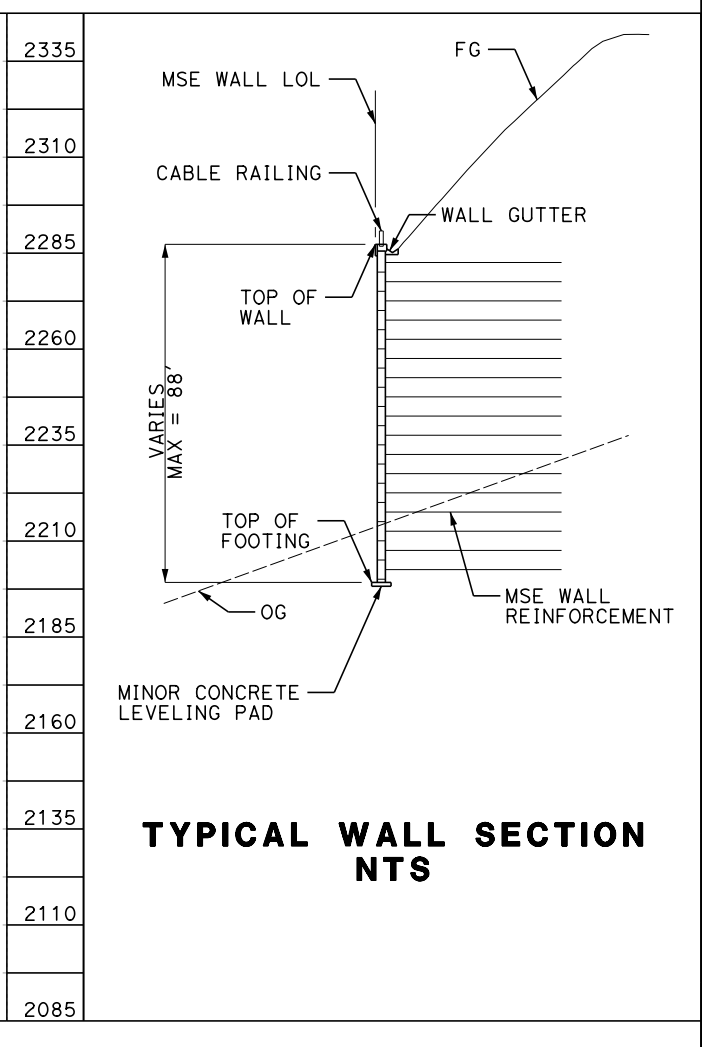
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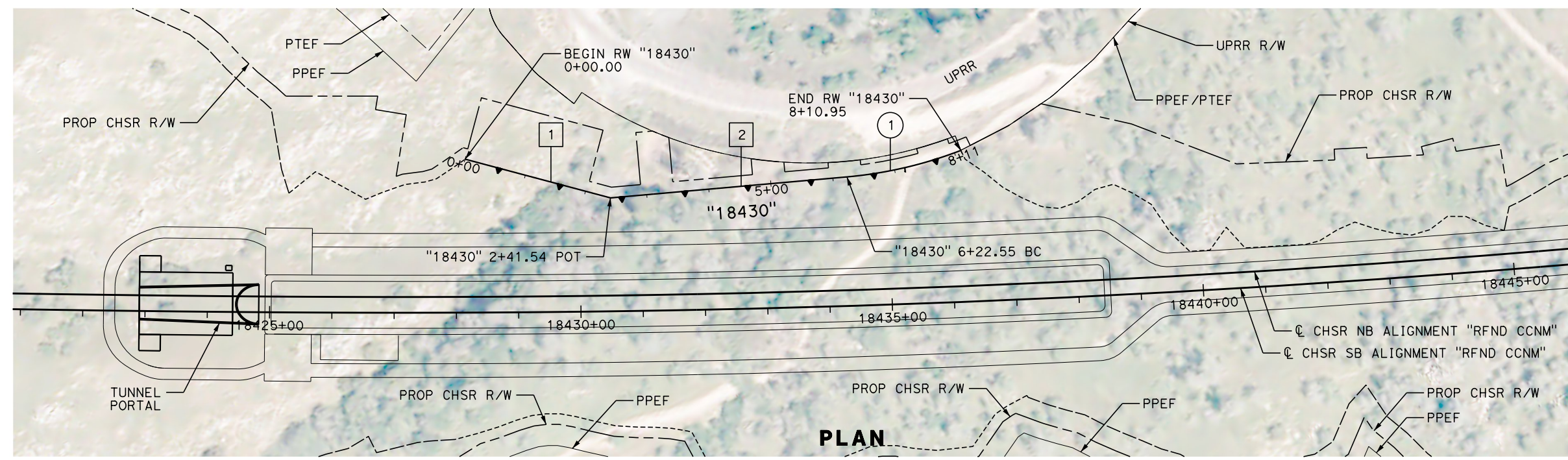
LINE DATA		
No.	BEARING	DISTANCE
1	N 47°26'46" W	241.54'
2	N 67°26'46" W	381.00'

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

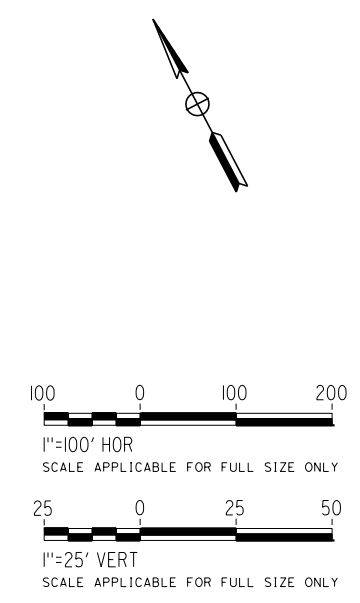
PROFILE
"18430"



TYPICAL WALL SECTION
NTS



PLAN

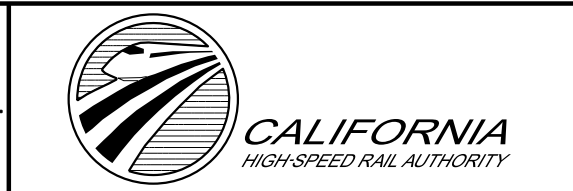


REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
K. BAKER
DRAWN BY
K. BAKER
CHECKED BY
G. CAMPBELL
IN CHARGE
G. CAMPBELL
DATE
12/21/2020

RECORD SET
PEPD
SUBMITTAL

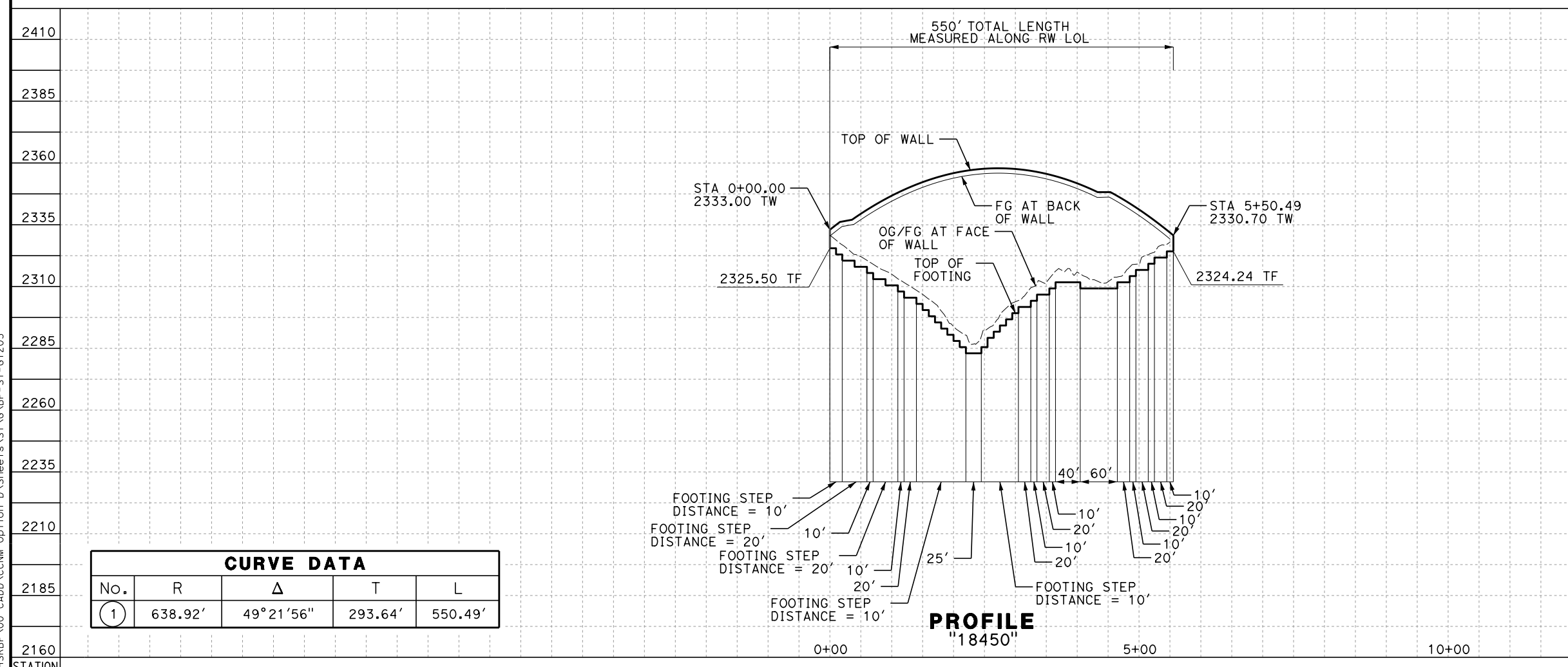
NOT FOR
CONSTRUCTION



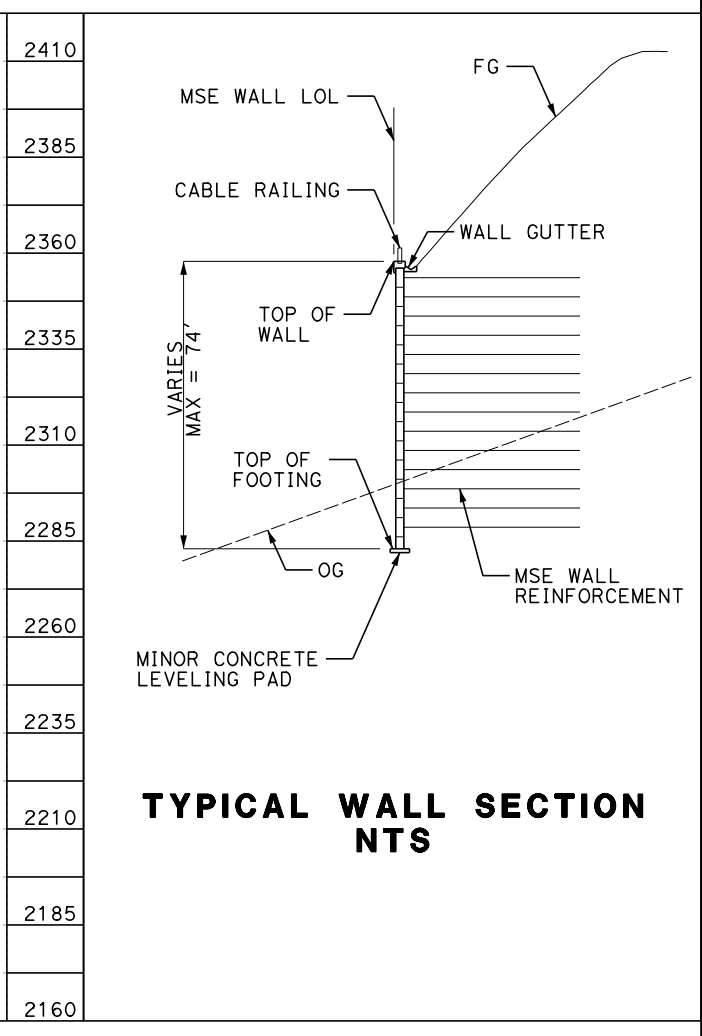
CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
REFINED CCNM DESIGN OPTION
RETAINING WALL
18430
PLAN AND PROFILE

CONTRACT NO.
HSR13-44
DRAWING NO.
ST-G1202
SCALE
AS SHOWN
SHEET NO.
724

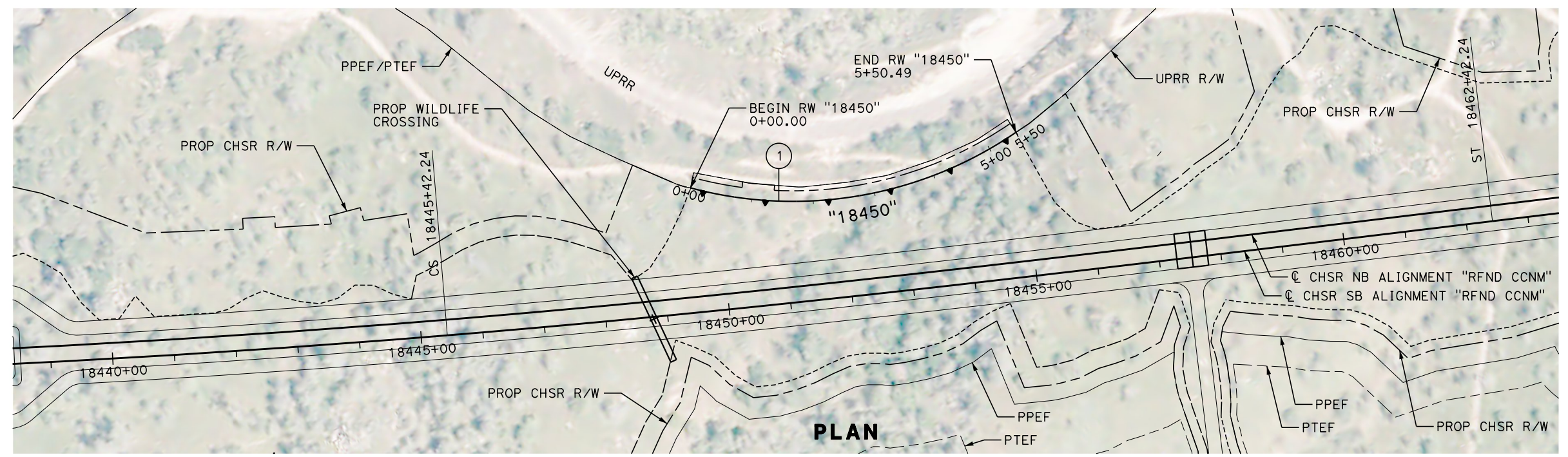
Projects\701206.00_CHSRBP\00_CADD\CCNM Option D\Sheets\ST\NG\BP-ST-G1203
ics_user_1760920\2021_3:22:46 AM



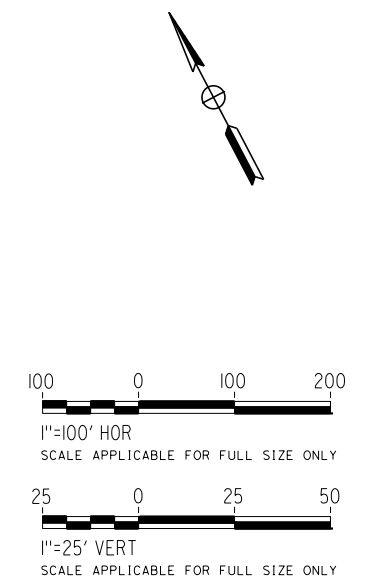
CURVE DATA				
No.	R	Δ	T	L
1	638.92'	49°21'56"	293.64'	550.49'



TYPICAL WALL SECTION NTS



PLAN



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
K. BAKER
DRAWN BY
K. BAKER
CHECKED BY
G. CAMPBELL
IN CHARGE
G. CAMPBELL
DATE
12/21/2020

**RECORD SET
PEPD
SUBMITTAL**

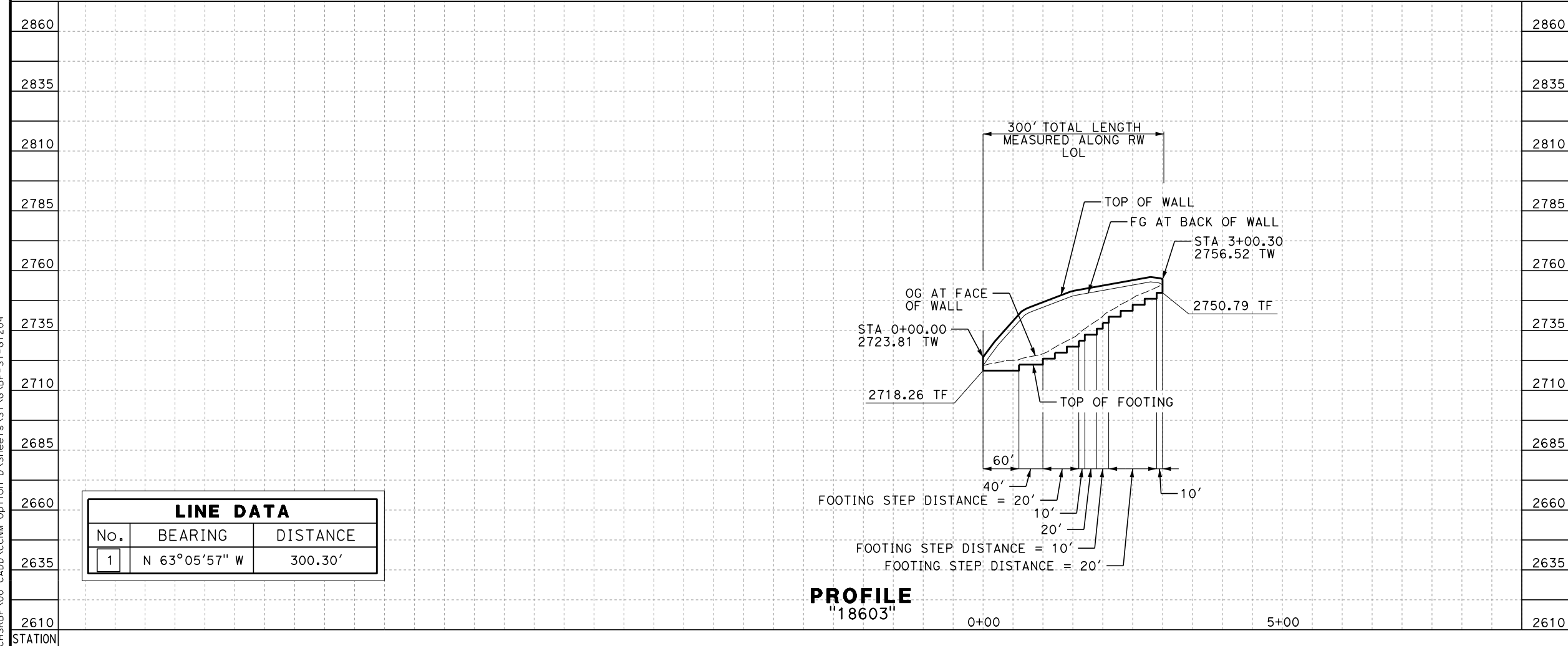
**NOT FOR
CONSTRUCTION**



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

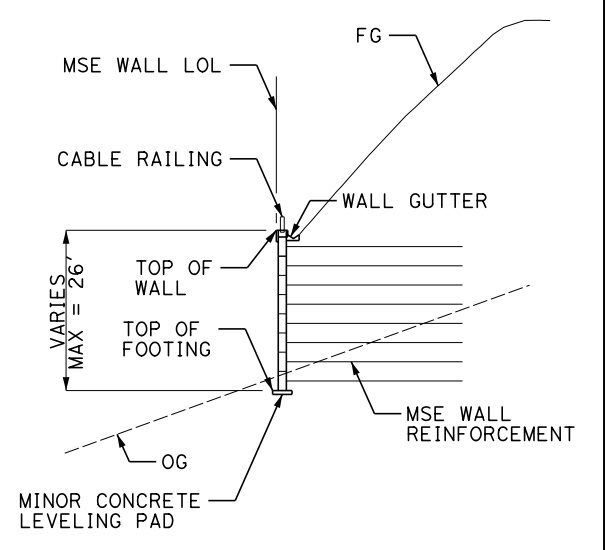
CONTRACT NO.
HSR13-44
DRAWING NO.
ST-G1203
SCALE
AS SHOWN
SHEET NO.
725

Projects\701206.00_CHSRBP\00_CADD\CCNM_Option D\Sheets\ST\NG\BP-ST-G1204
ics_user_1760920\2021_3:23:06 AM

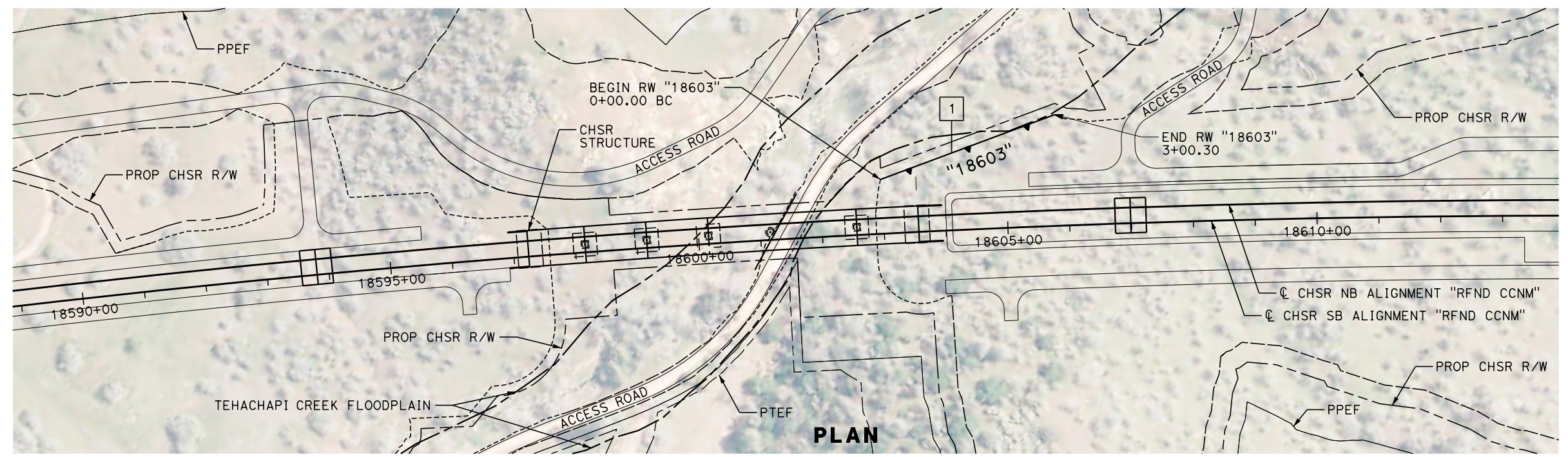


LINE DATA		
No.	BEARING	DISTANCE
1	N 63°05'57" W	300.30'

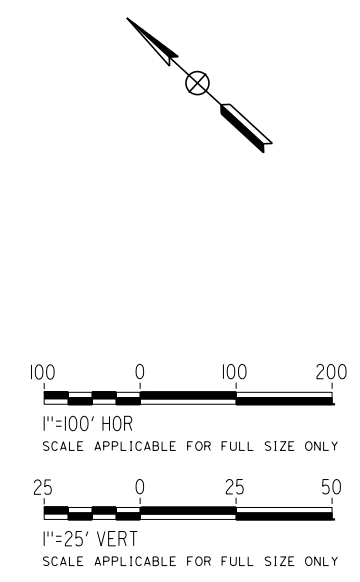
PROFILE
"18603"



TYPICAL WALL SECTION
NTS



PLAN



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
K. BAKER
DRAWN BY
K. BAKER
CHECKED BY
G. CAMPBELL
IN CHARGE
G. CAMPBELL
DATE
12/21/2020

RECORD SET
PEPD
SUBMITTAL

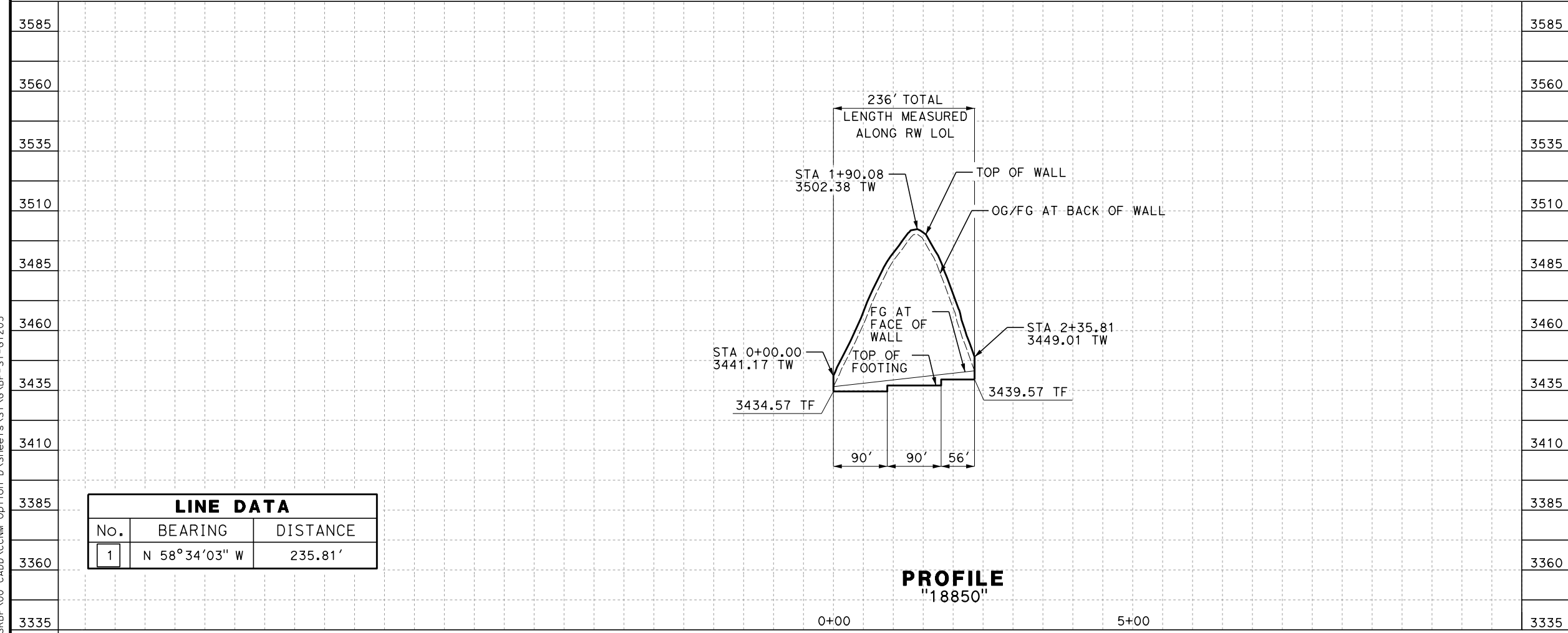
NOT FOR
CONSTRUCTION



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

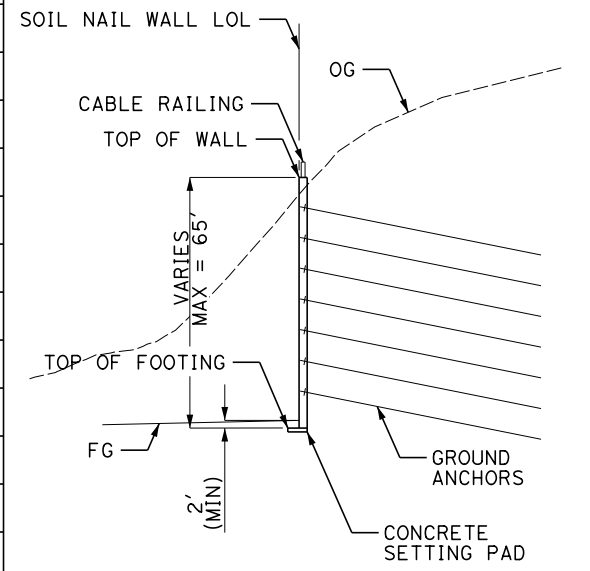
CONTRACT NO.
HSR13-44
DRAWING NO.
ST-G1204
SCALE
AS SHOWN
SHEET NO.
726

Projects\701206.00_CHSRBP\00_CADD\CCNM_Option D\Sheets\ST\G\BP-ST-G1205
ics_user_1760920\2021_3:23:17 AM

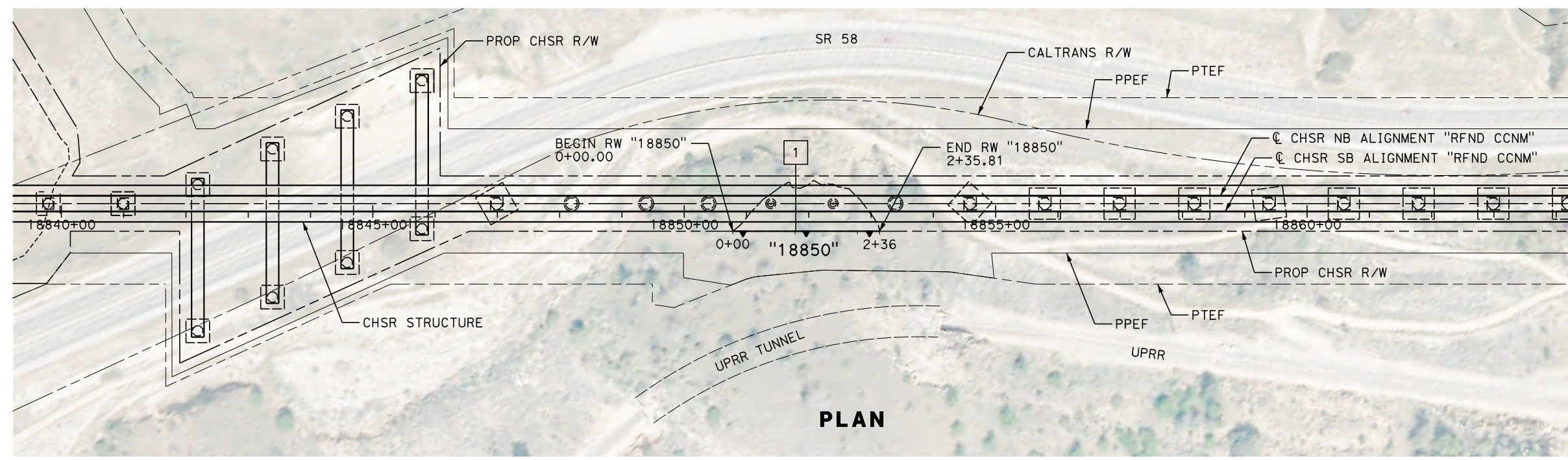


LINE DATA		
No.	BEARING	DISTANCE
1	N 58° 34' 03" W	235.81'

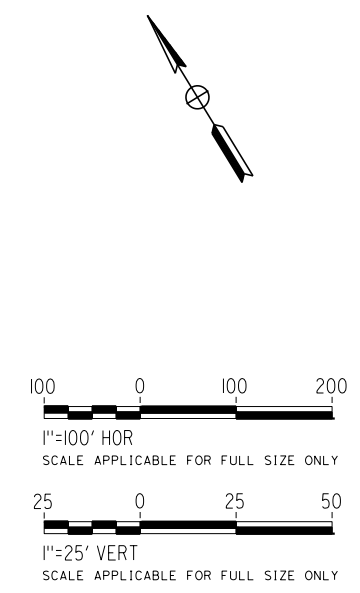
PROFILE
"18850"



TYPICAL WALL SECTION
NTS



PLAN



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
K. BAKER
DRAWN BY
K. BAKER
CHECKED BY
G. CAMPBELL
IN CHARGE
G. CAMPBELL
DATE
12/21/2020

RECORD SET
PEPD
SUBMITTAL

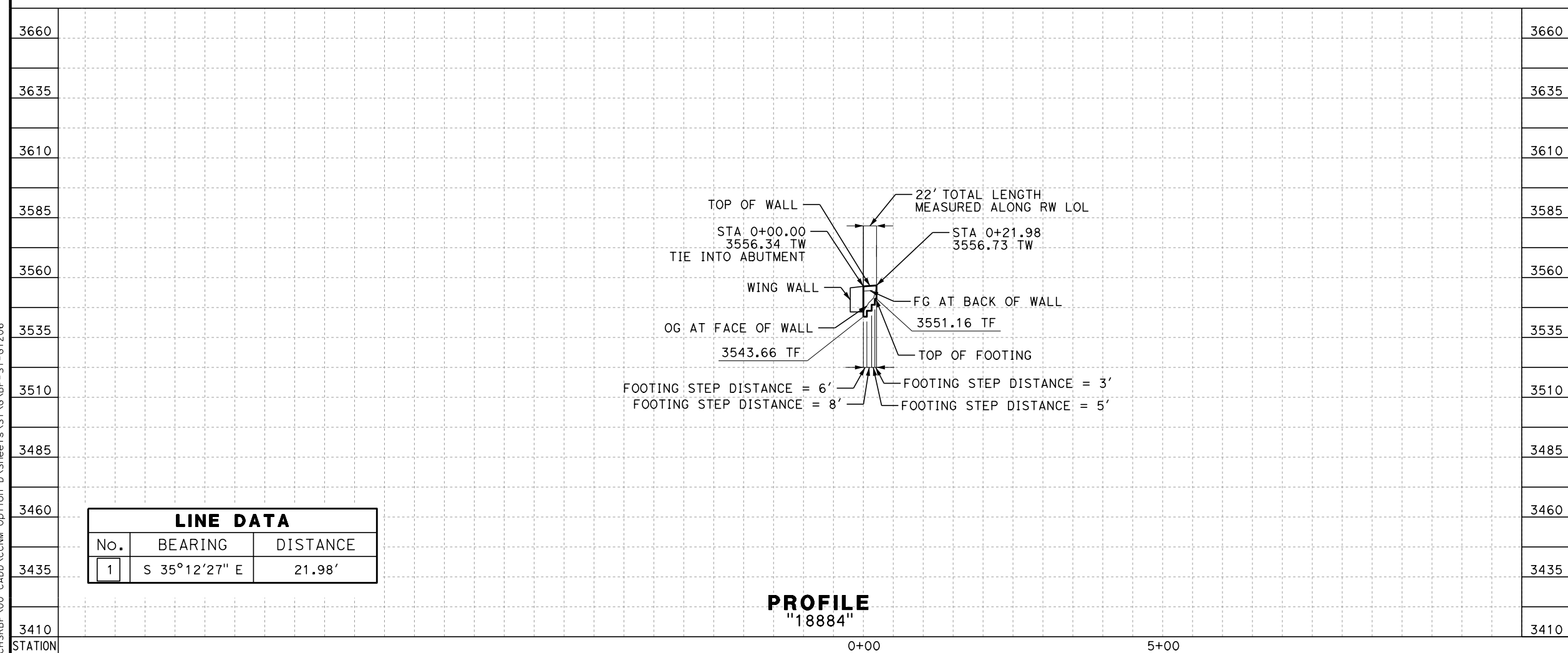
NOT FOR
CONSTRUCTION



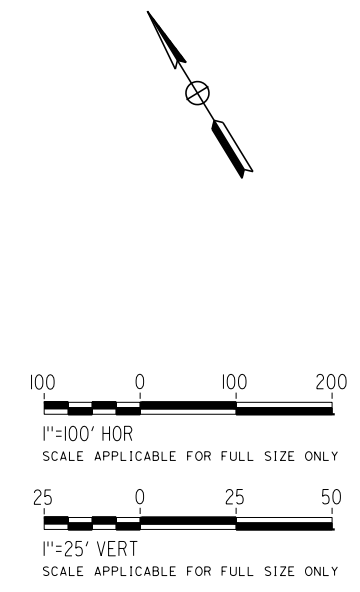
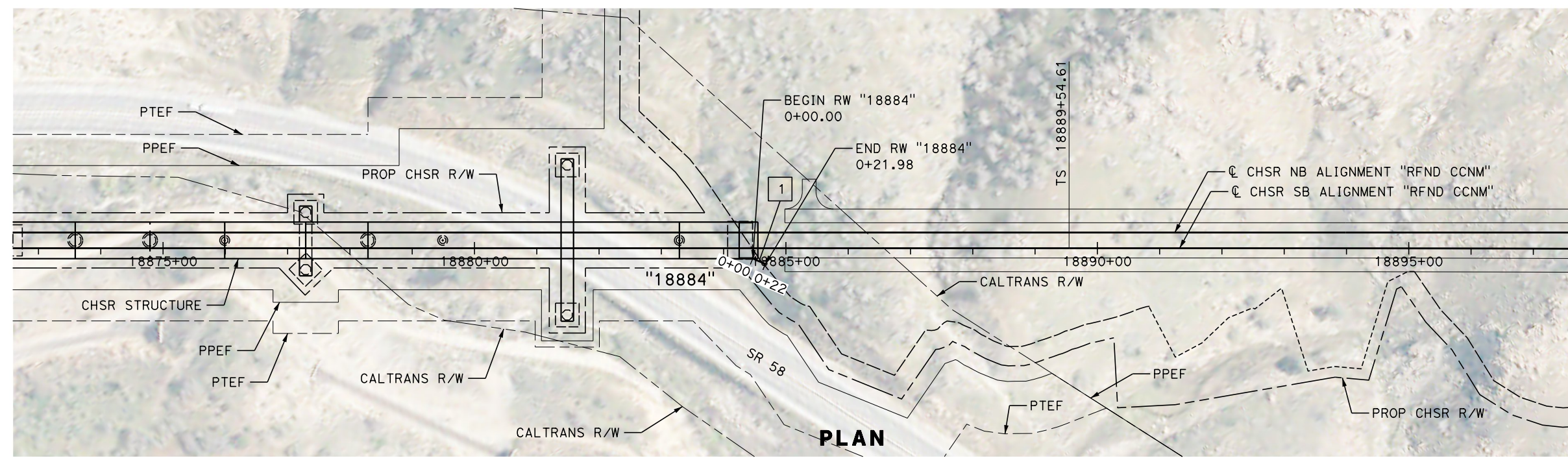
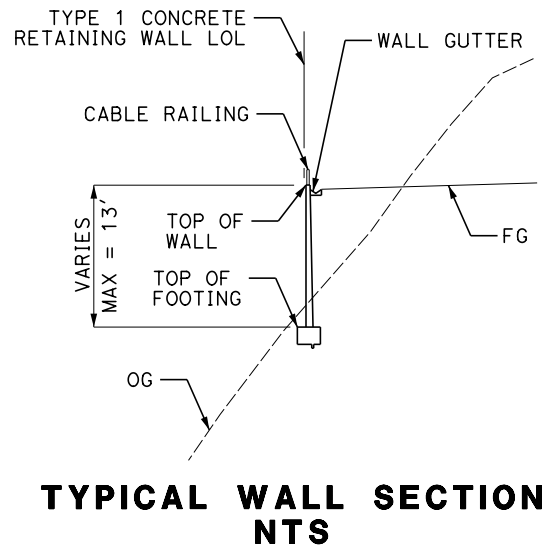
CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
REFINED CCNM DESIGN OPTION
RETAINING WALL
18850
PLAN AND PROFILE

CONTRACT NO.
HSR13-44
DRAWING NO.
ST-G1205
SCALE
AS SHOWN
SHEET NO.
727

Projects\T01206\00_CHSRBP\00_CADD\CCNM_Option D\Sheets\ST\NG\BP-ST-G1206
ics_user_1760922\2021 2:26:17 AM



LINE DATA		
No.	BEARING	DISTANCE
1	S 35°12'27" E	21.98'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
K. BAKER

DRAWN BY
R. GARCIA

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**

REFINED CCNM DESIGN OPTION
RETAINING WALL
18884
PLAN AND PROFILE

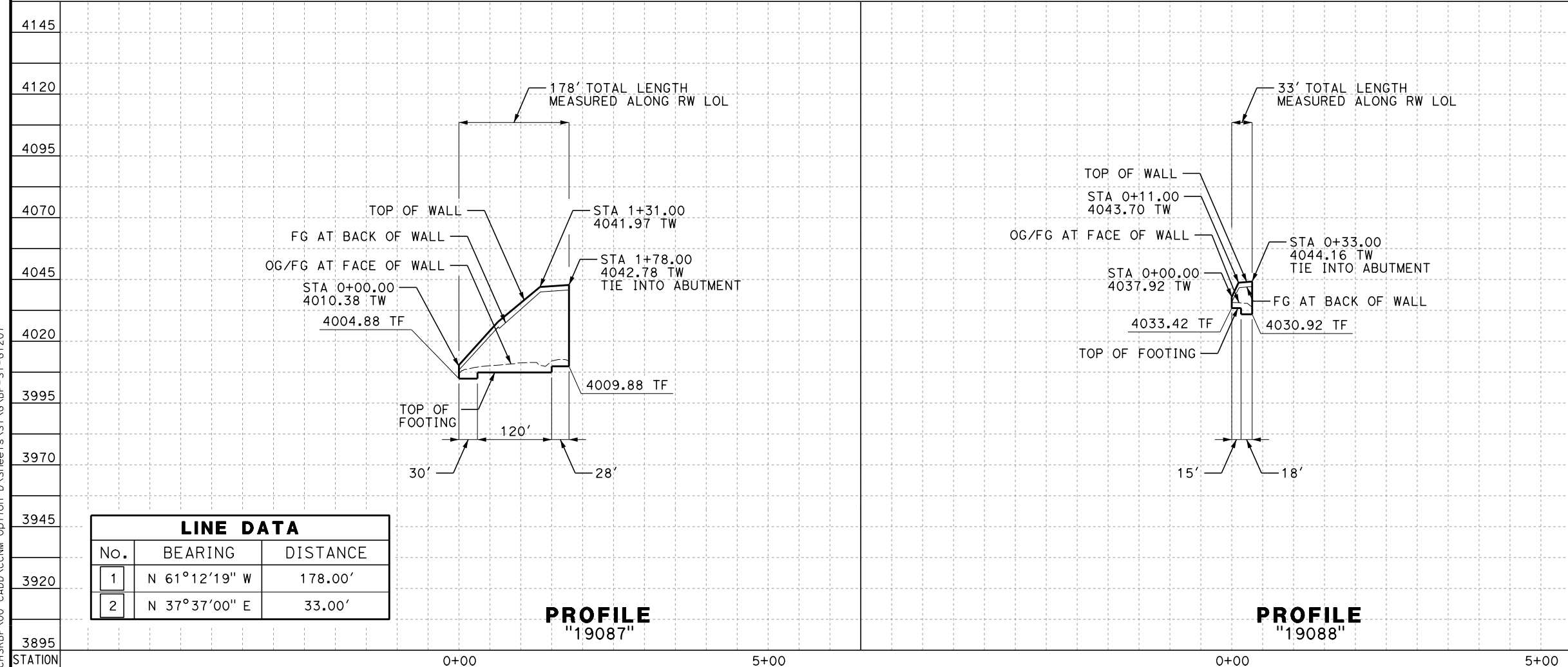
CONTRACT NO.
HSR13-44

DRAWING NO.
ST-G1206

SCALE
AS SHOWN

SHEET NO.
728

Projects\701206.00_CHSRBP\00_CADD\CCNM_Option D\Sheets\ST\NG\BP-ST-G1207
ics_user_1760920\2021 3:25:00 AM

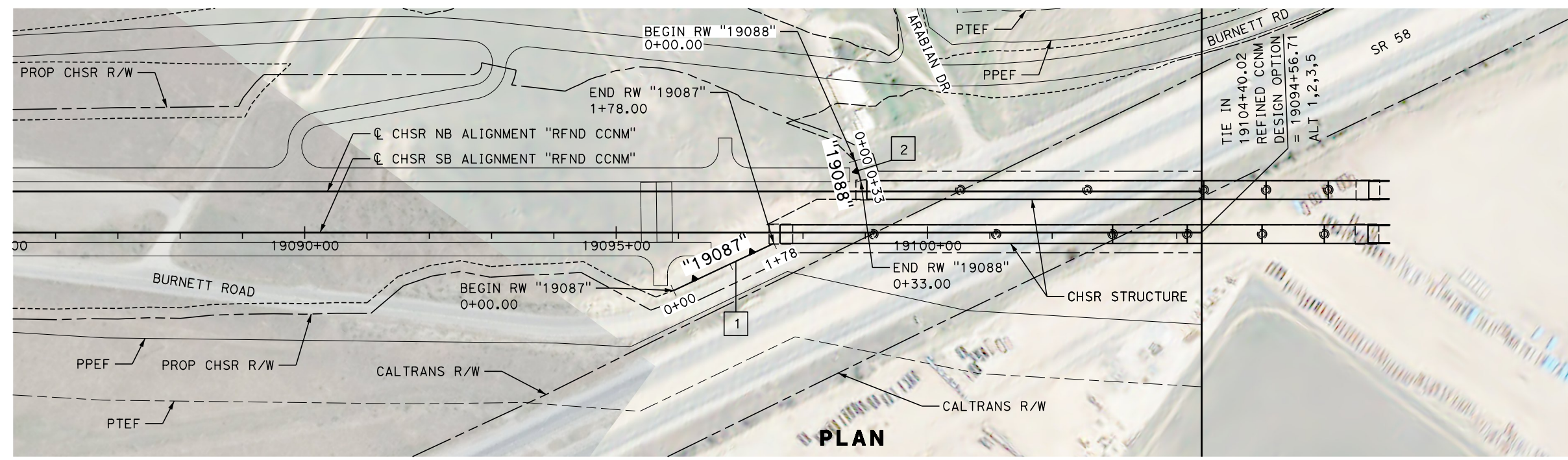
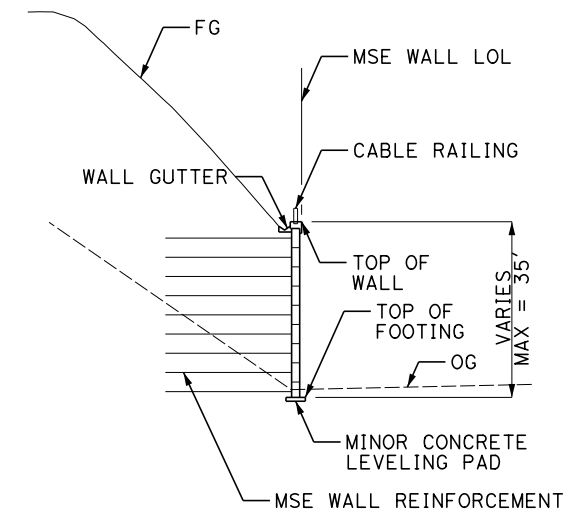


LINE DATA		
No.	BEARING	DISTANCE
1	N 61°12'19" W	178.00'
2	N 37°37'00" E	33.00'

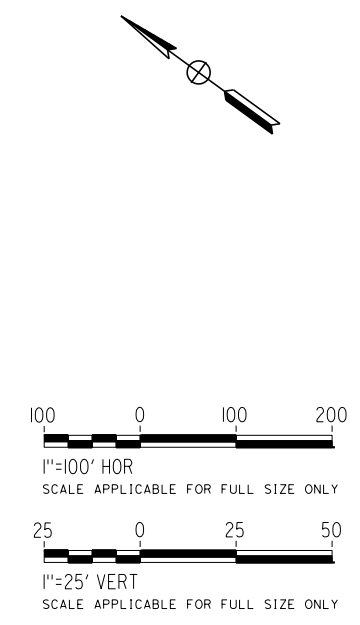
PROFILE
"19087"

PROFILE
"19088"

TYPICAL WALL SECTION
NTS



PLAN



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
K. BAKER
DRAWN BY
K. BAKER
CHECKED BY
G. CAMPBELL
IN CHARGE
G. CAMPBELL
DATE
12/21/2020

RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION

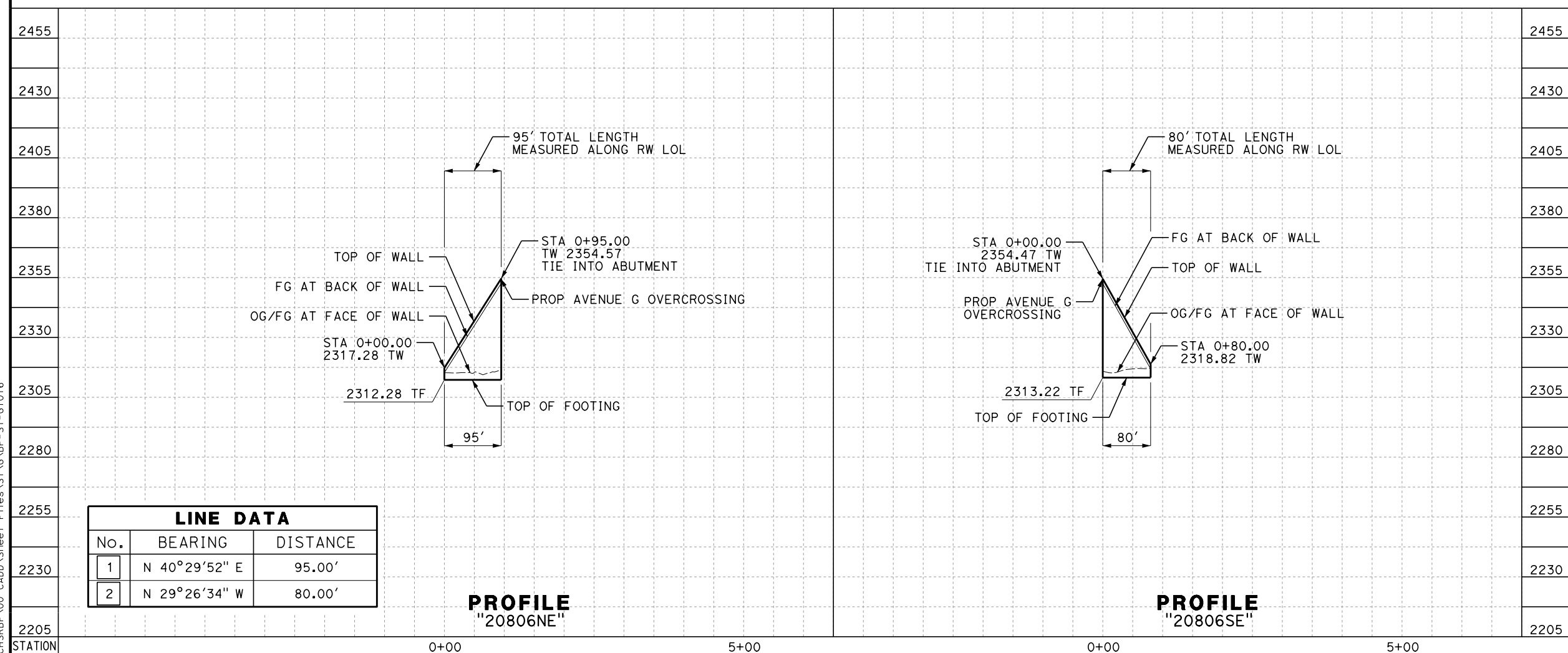


CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
REFINED CCNM DESIGN OPTION
RETAINING WALL
19087" AND "19088
PLAN AND PROFILE

CONTRACT NO.
HSR13-44
DRAWING NO.
ST-G1207
SCALE
AS SHOWN
SHEET NO.
729

Projects\701206.00_CHSRBP\00_CADD\Sheet Files\ST\G\BP-ST-G1016

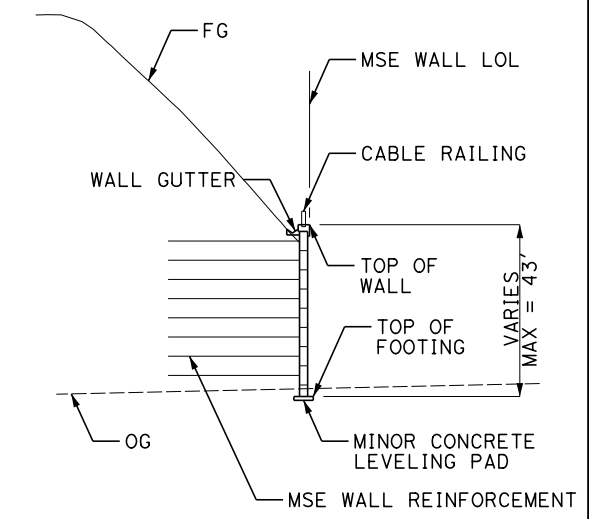
javier_lopez@tylincorp.com 11:15:36 PM



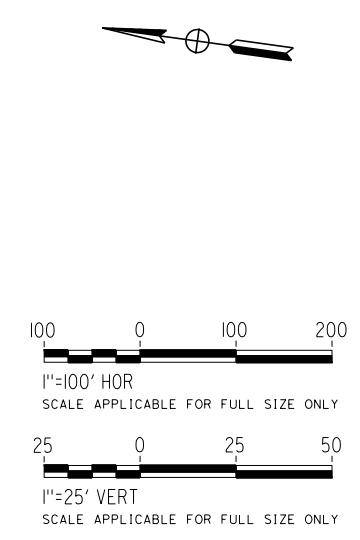
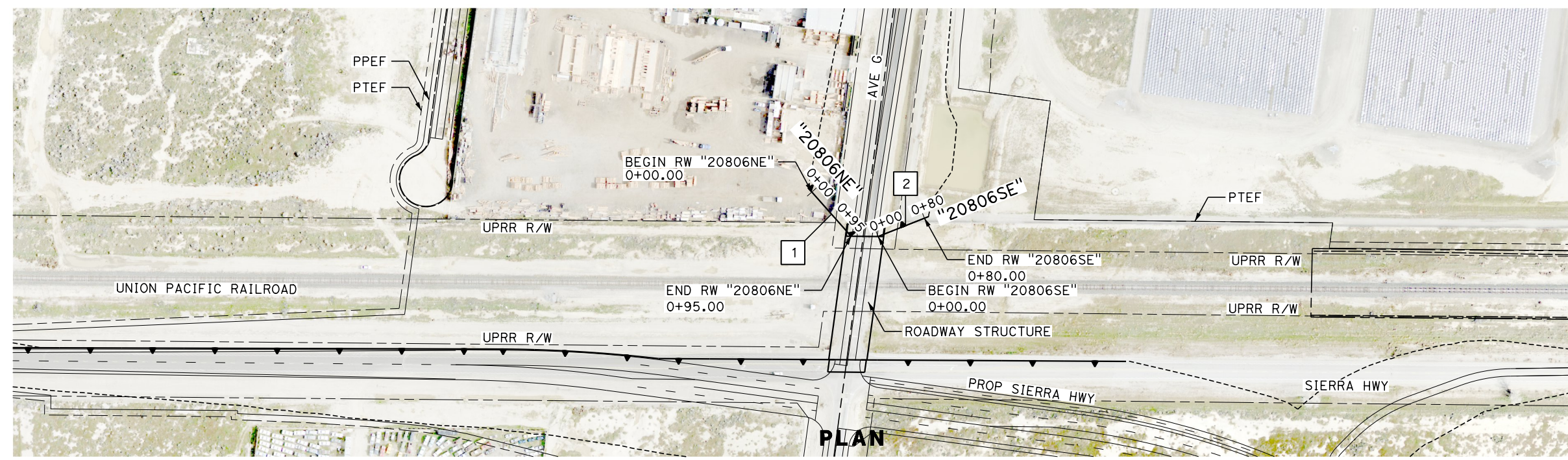
LINE DATA		
No.	BEARING	DISTANCE
1	N 40°29'52" E	95.00'
2	N 29°26'34" W	80.00'

PROFILE
"20806NE"

PROFILE
"20806SE"



TYPICAL WALL SECTION
NO SCALE



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. DODGE
DRAWN BY
A. DODGE
CHECKED BY
S. LANDOLT
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION

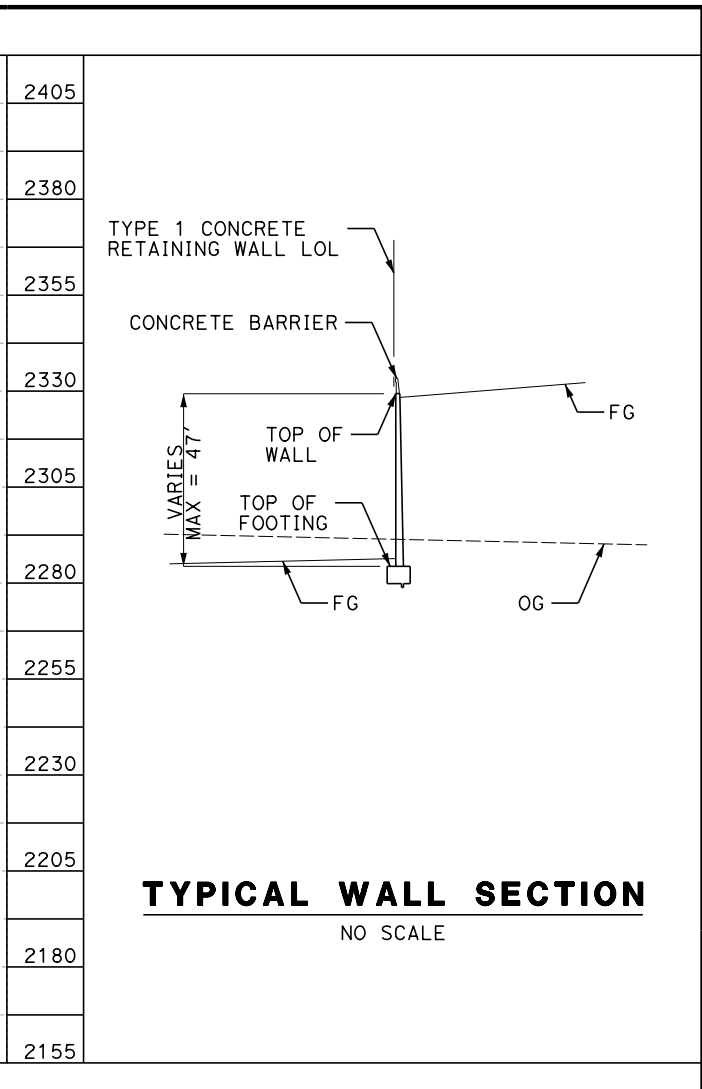
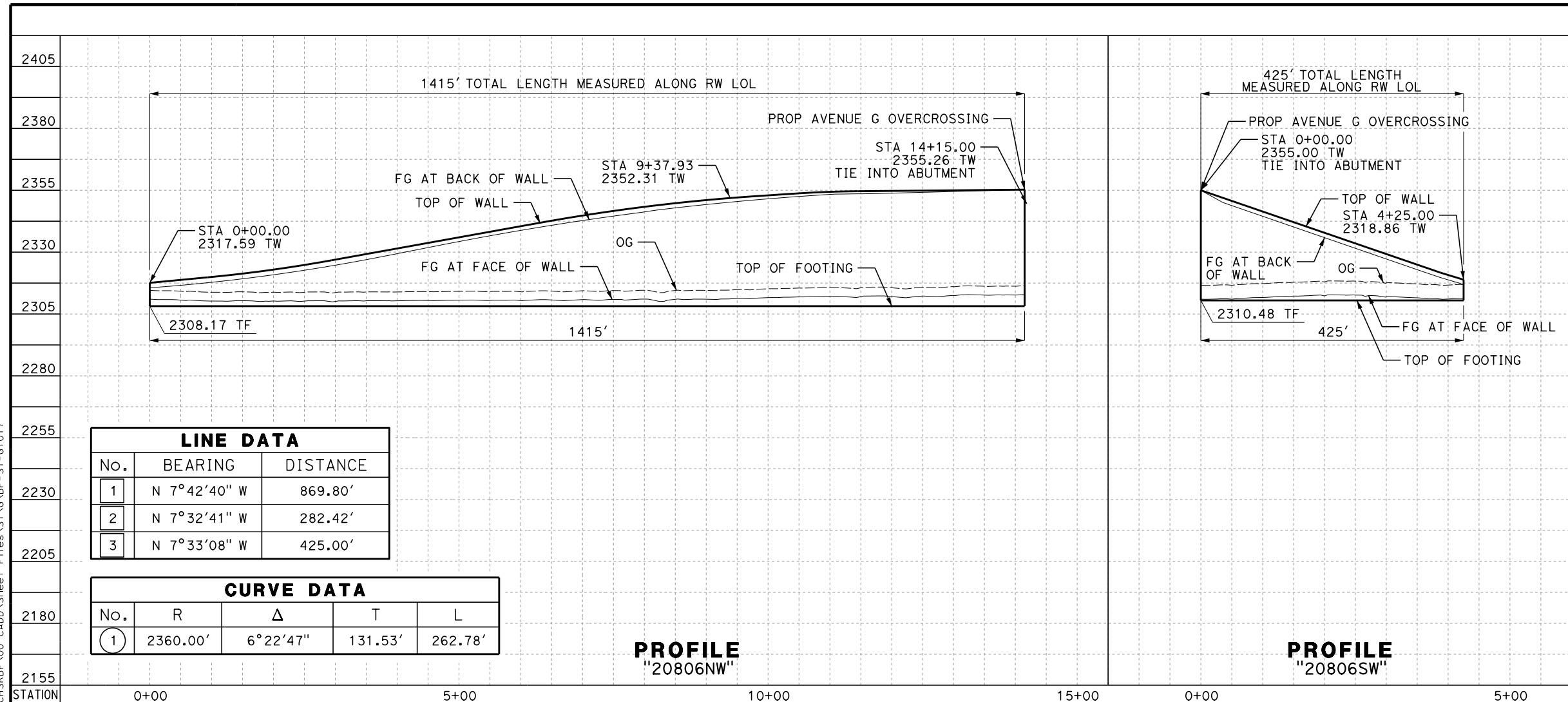


CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 1,2,3
RETAINING WALL
AVENUE G
PLAN AND PROFILE

CONTRACT NO.
HSR13-44
DRAWING NO.
BP-ST-G1016
SCALE
AS SHOWN
SHEET NO.
730

Projects\T01206.00_CHSRBP\00_CADD\Sheet Files\ST\G\BP-ST-G1017

javier_lopez@tyl.com 11:14:58 PM



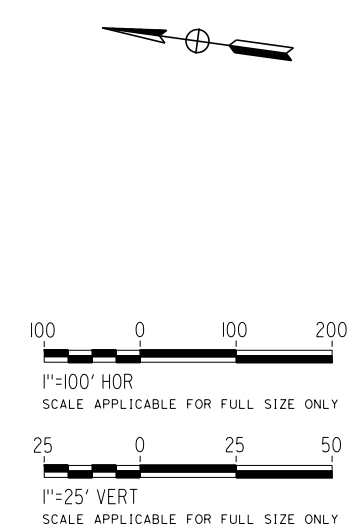
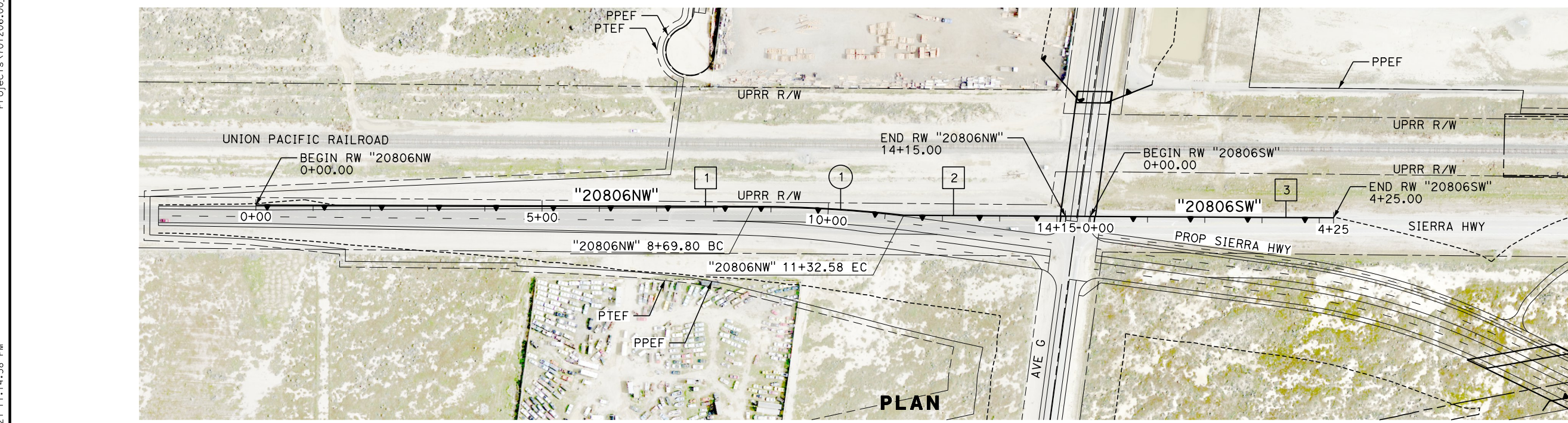
LINE DATA		
No.	BEARING	DISTANCE
1	N 7°42'40" W	869.80'
2	N 7°32'41" W	282.42'
3	N 7°33'08" W	425.00'

CURVE DATA				
No.	R	Δ	T	L
1	2360.00'	6°22'47"	131.53'	262.78'

PROFILE
"20806NW"

PROFILE
"20806SW"

TYPICAL WALL SECTION
NO SCALE



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. DODGE
DRAWN BY
A. DODGE
CHECKED BY
S. LANDOLT
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION

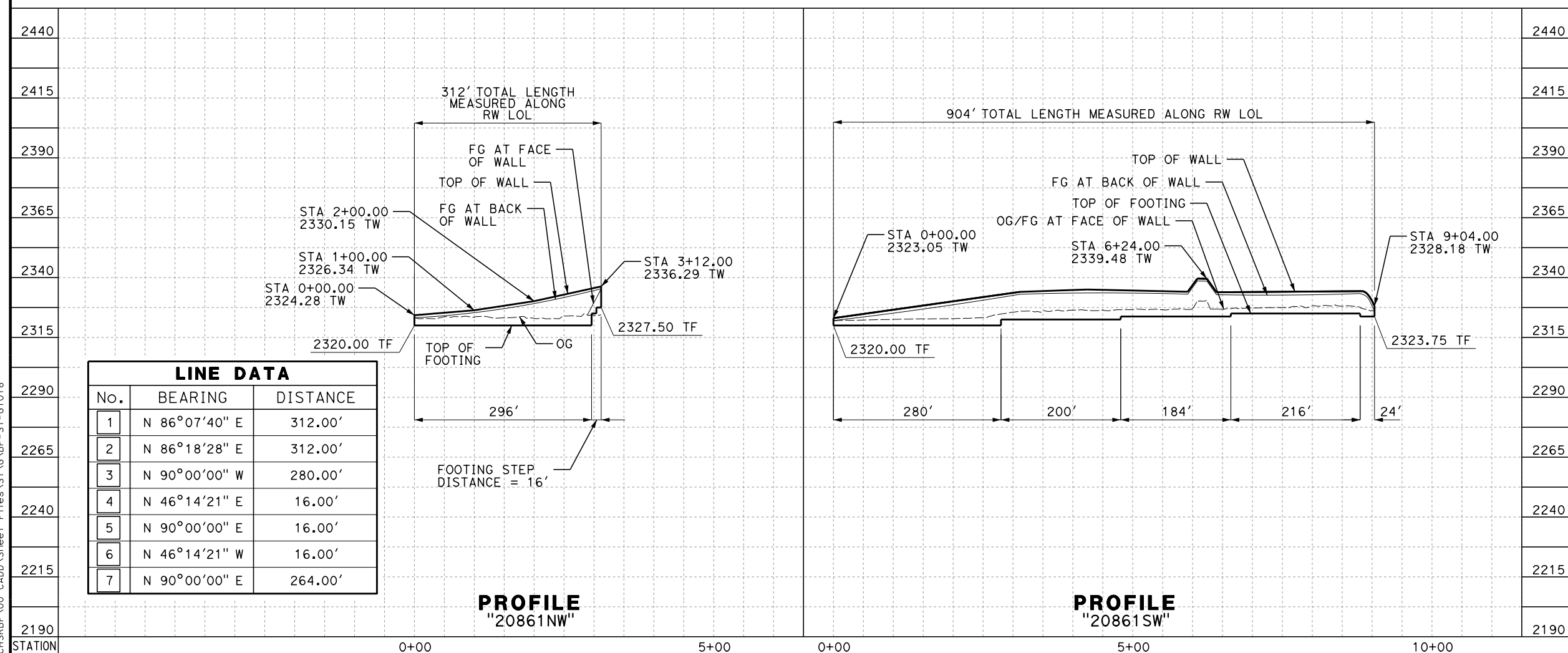


CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 1,2,3
RETAINING WALL
SIERRA HIGHWAY
PLAN AND PROFILE

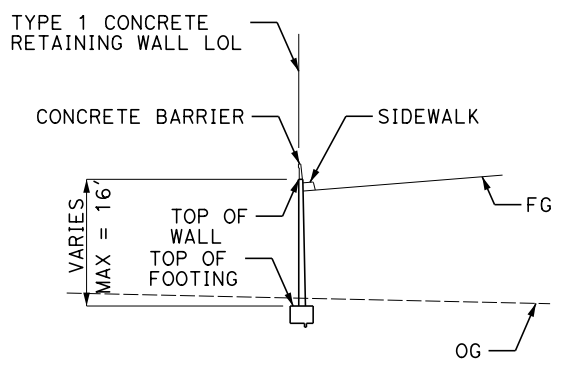
CONTRACT NO.
HSR13-44
DRAWING NO.
BP-ST-G1017
SCALE
AS SHOWN
SHEET NO.
731

Projects\701206.00_CHSRBP\00_CADD\Sheet Files\ST\G\BP-ST-G1018

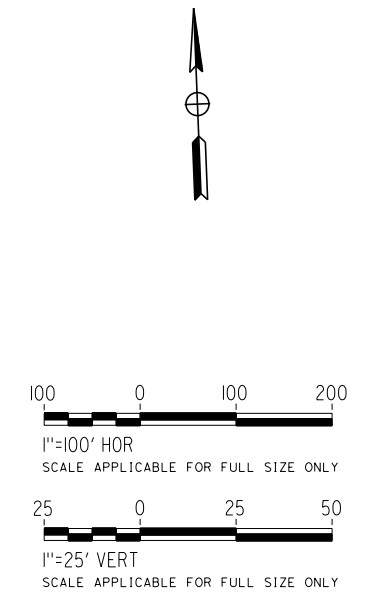
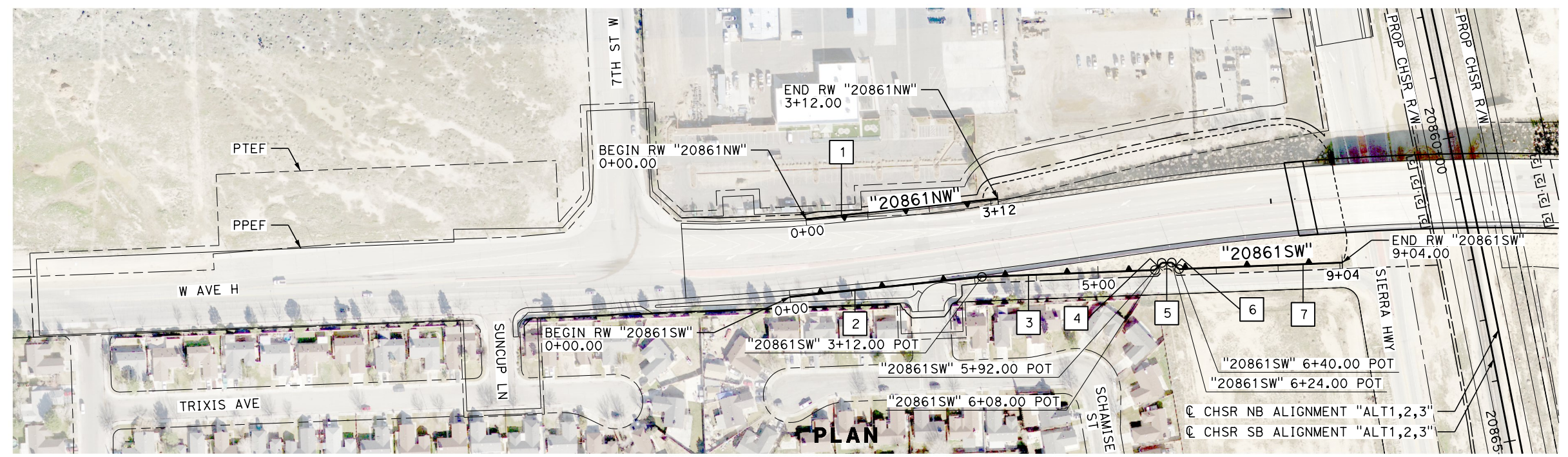
javier_lopez@tylincorp.com 11:15:33 PM



LINE DATA		
No.	BEARING	DISTANCE
1	N 86°07'40" E	312.00'
2	N 86°18'28" E	312.00'
3	N 90°00'00" W	280.00'
4	N 46°14'21" E	16.00'
5	N 90°00'00" E	16.00'
6	N 46°14'21" W	16.00'
7	N 90°00'00" E	264.00'



TYPICAL WALL SECTION
NO SCALE



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. DODGE
DRAWN BY
A. DODGE
CHECKED BY
S. LANDOLT
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION

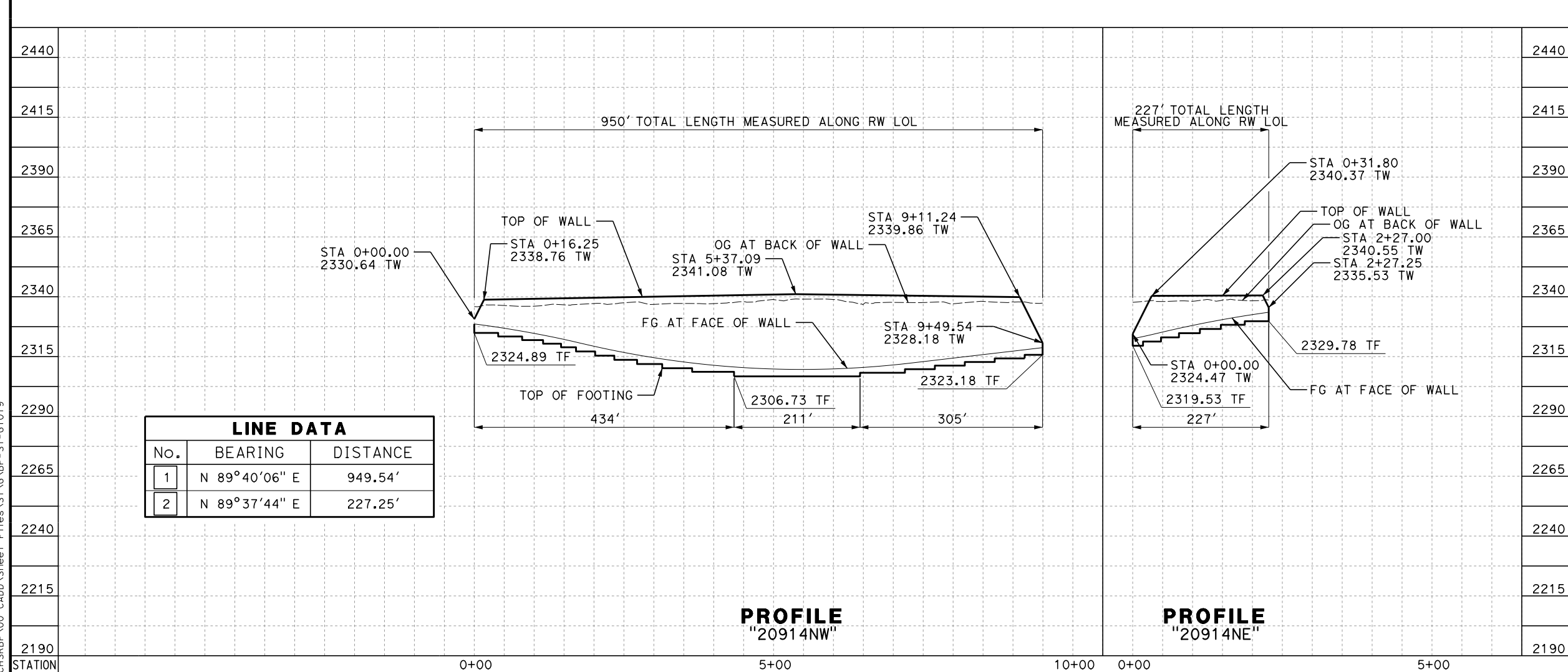


CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 1,2,3
RETAINING WALL
AVENUE H
PLAN AND PROFILE

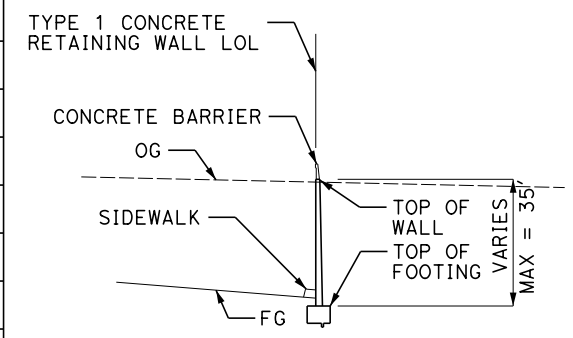
CONTRACT NO.
HSR13-44
DRAWING NO.
BP-ST-G1018
SCALE
AS SHOWN
SHEET NO.
732

Projects\701206.00_CHSRBP\00_CADD\Sheet Files\ST\ANG\BP-ST-G1019

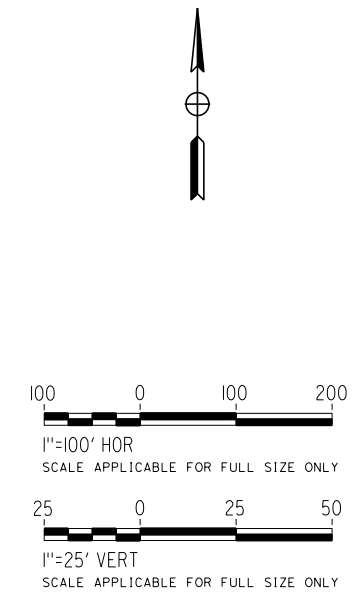
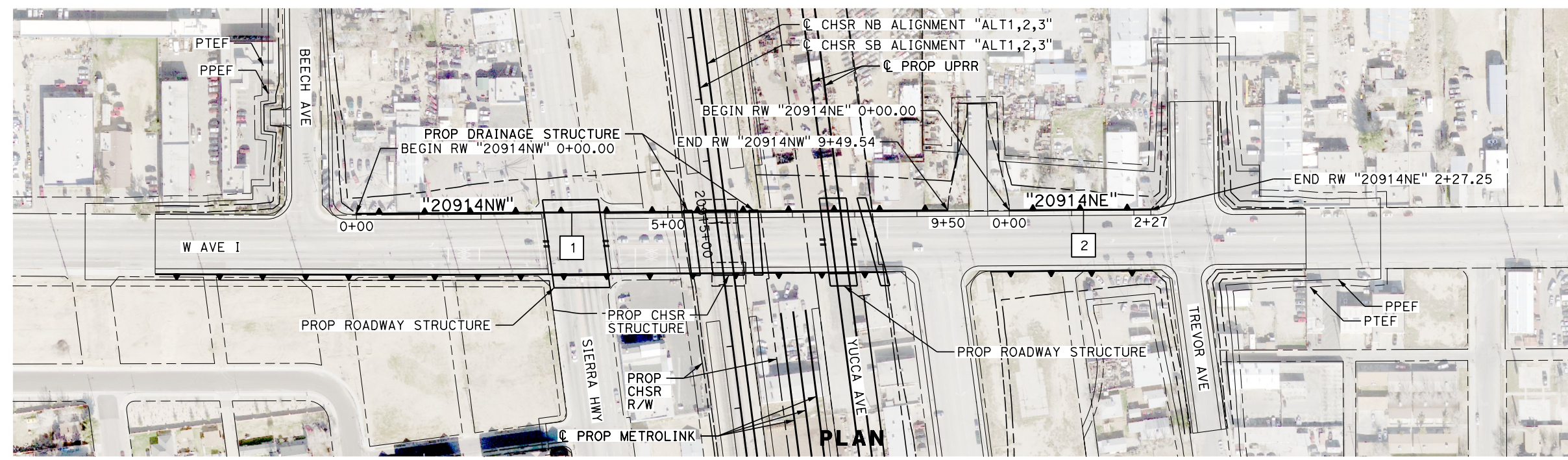
javier_lopez@tylinc.com 11:11:42 PM



LINE DATA		
No.	BEARING	DISTANCE
1	N 89°40'06" E	949.54'
2	N 89°37'44" E	227.25'



TYPICAL WALL SECTION
NO SCALE



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CARSON
DRAWN BY
A. CARSON
CHECKED BY
S. LANDOLT
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION

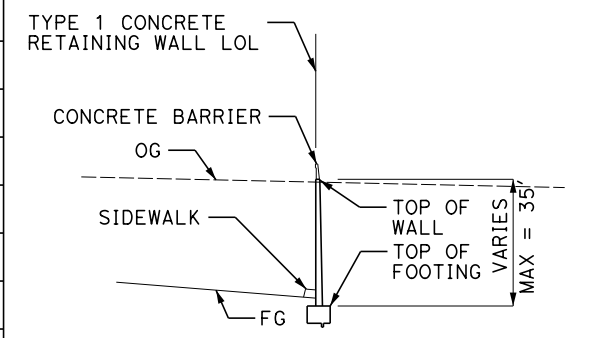
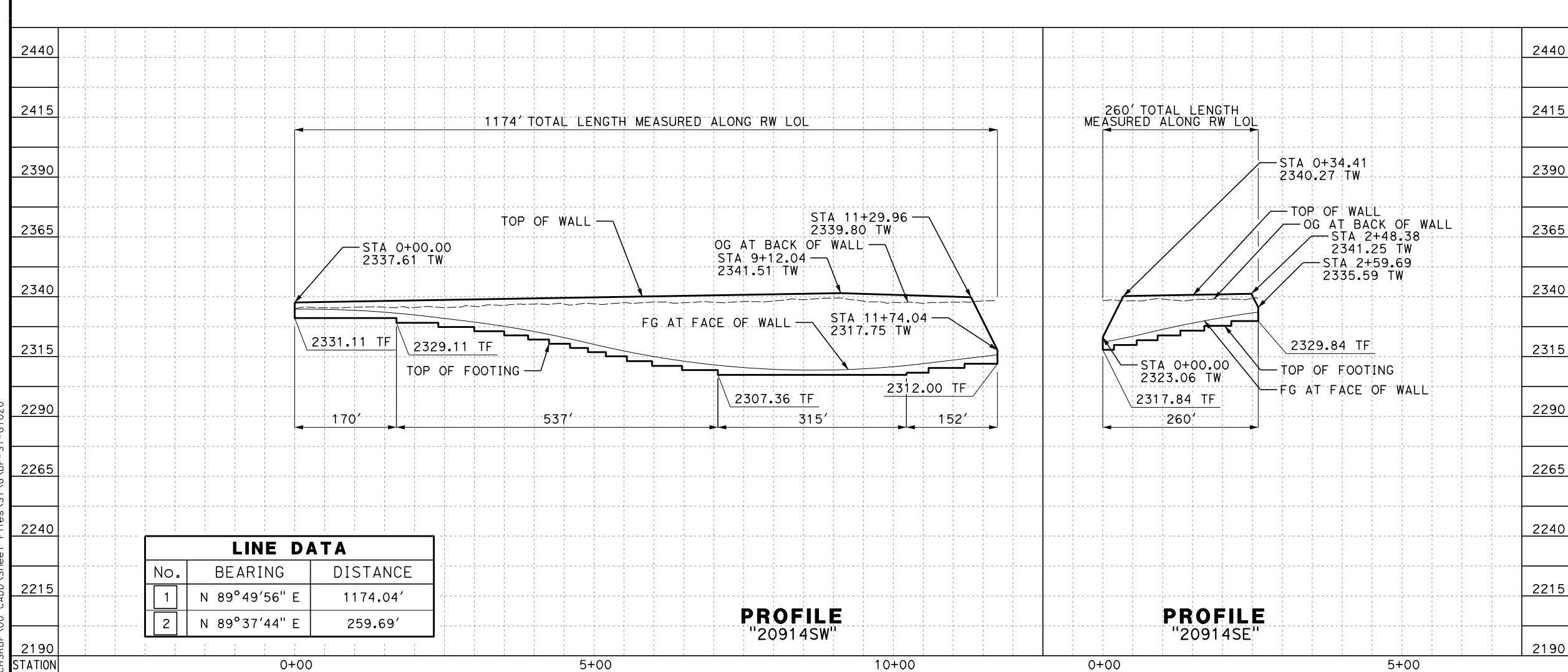


CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 1,2,3
RETAINING WALL
AVENUE I
PLAN AND PROFILE

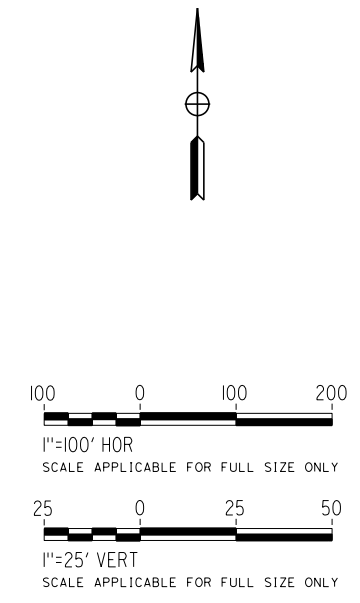
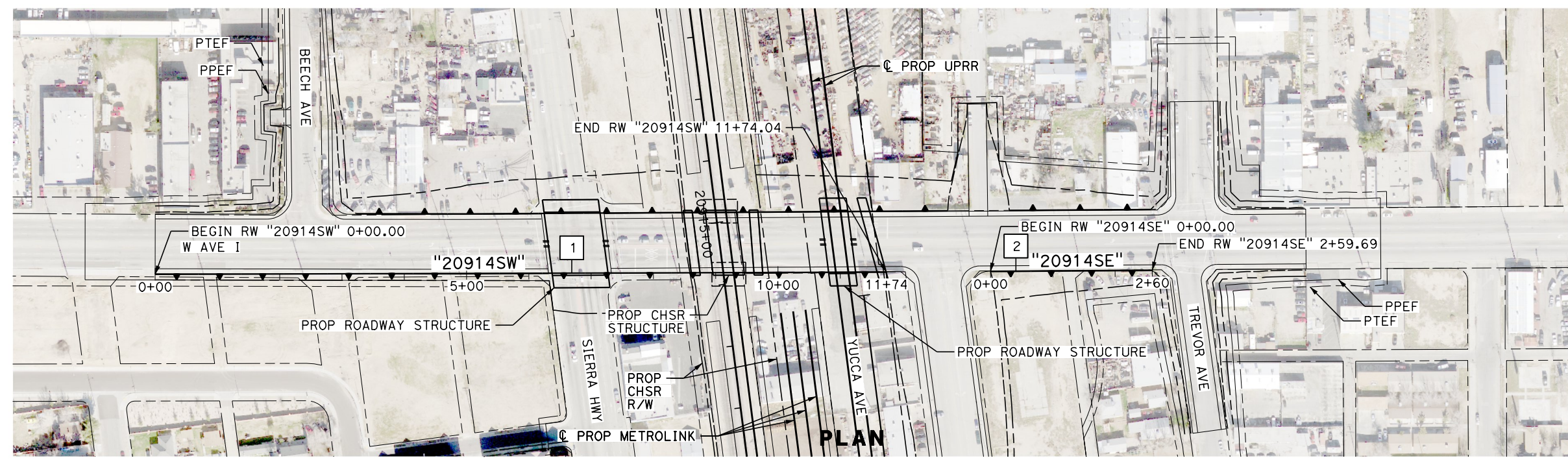
CONTRACT NO.
HSR13-44
DRAWING NO.
BP-ST-G1019
SCALE
AS SHOWN
SHEET NO.
733

Projects\701206.00_CHSRBP\00_CADD\Sheet Files\ST\G\BP-ST-G1020

javier_lopez@tylin.com 5:33:34 PM



TYPICAL WALL SECTION
NO SCALE



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CARSON
DRAWN BY
A. CARSON
CHECKED BY
S. LANDOLT
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION

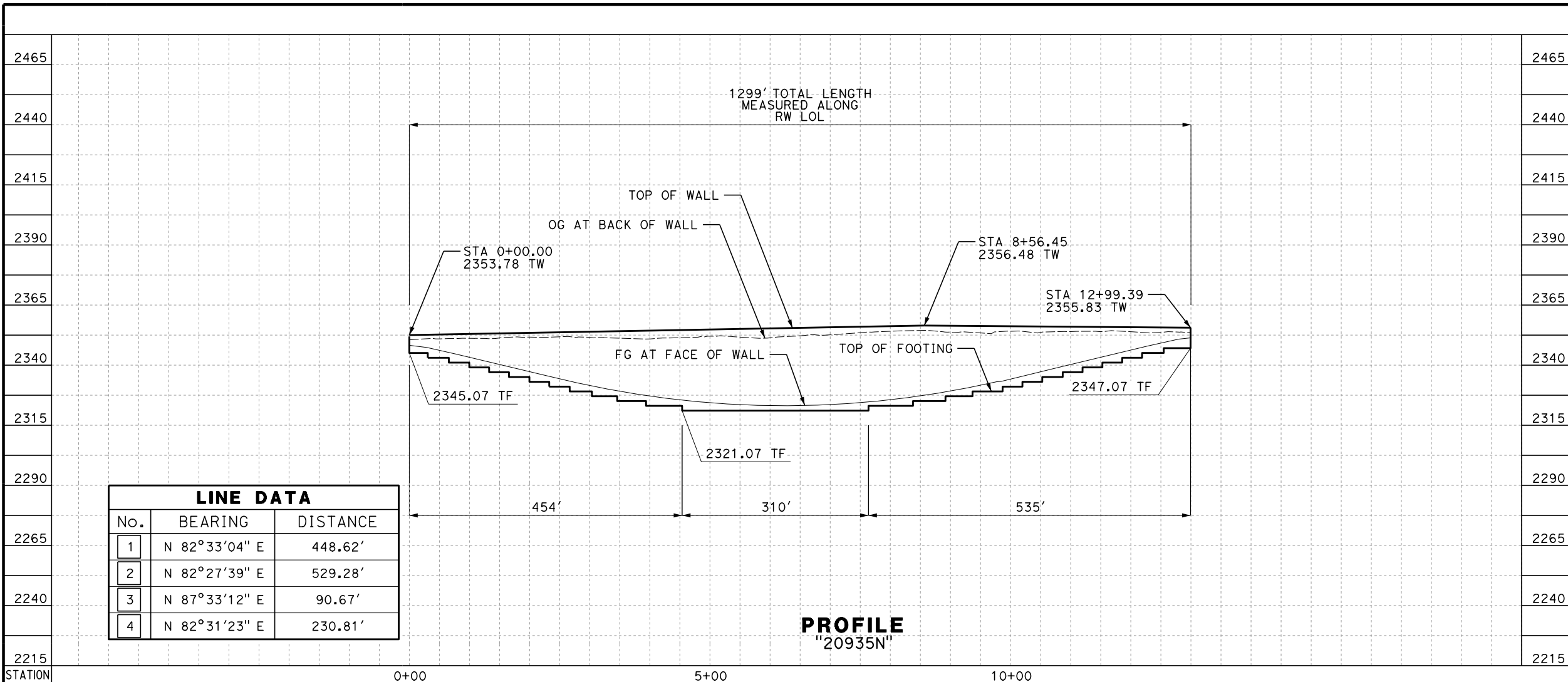


CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 1,2,3
RETAINING WALL
AVENUE I
PLAN AND PROFILE

CONTRACT NO.
HSR13-44
DRAWING NO.
BP-ST-G1020
SCALE
AS SHOWN
SHEET NO.
734

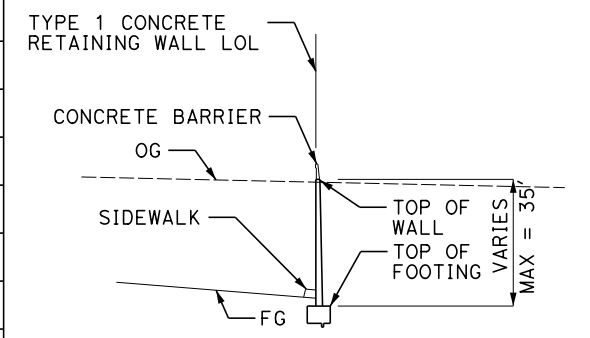
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javier_lopez@tylincorp.com 11:11:48 PM

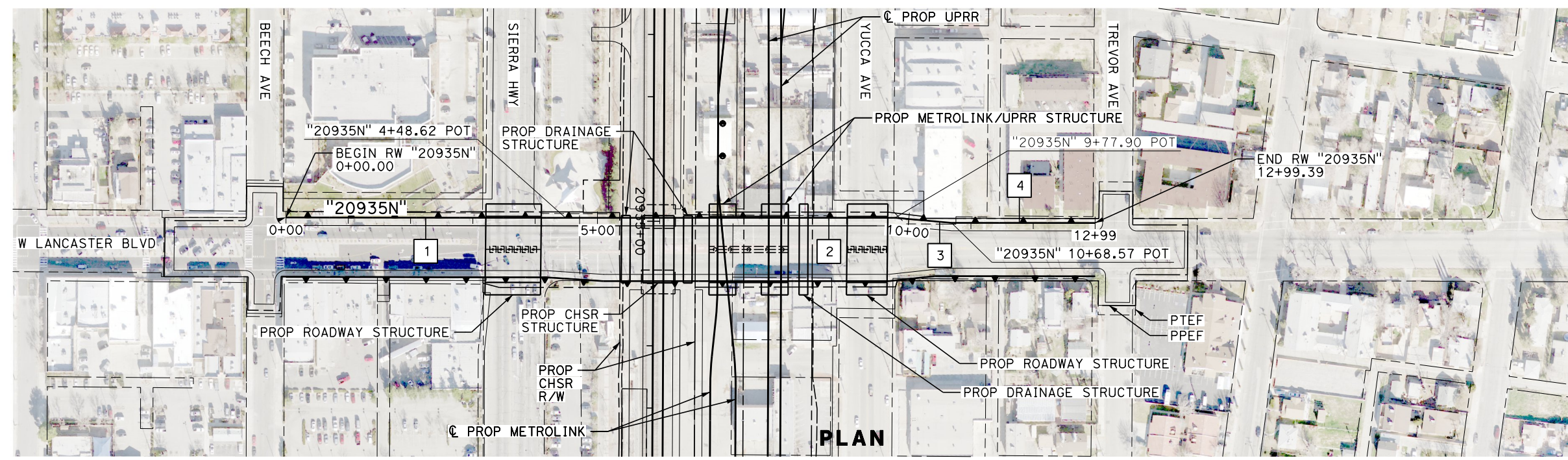


LINE DATA		
No.	BEARING	DISTANCE
1	N 82°33'04" E	448.62'
2	N 82°27'39" E	529.28'
3	N 87°33'12" E	90.67'
4	N 82°31'23" E	230.81'

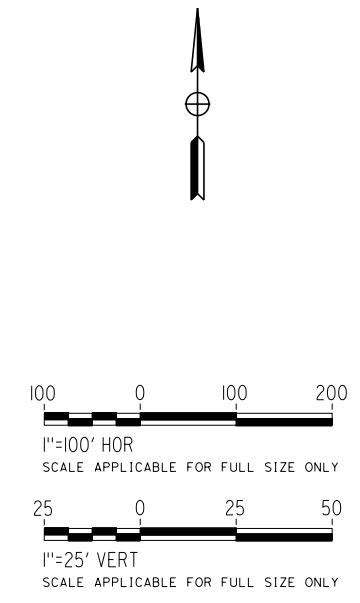
PROFILE
"20935N"



TYPICAL WALL SECTION
NO SCALE



PLAN



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CARSON
DRAWN BY
A. CARSON
CHECKED BY
S. LANDOLT
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION

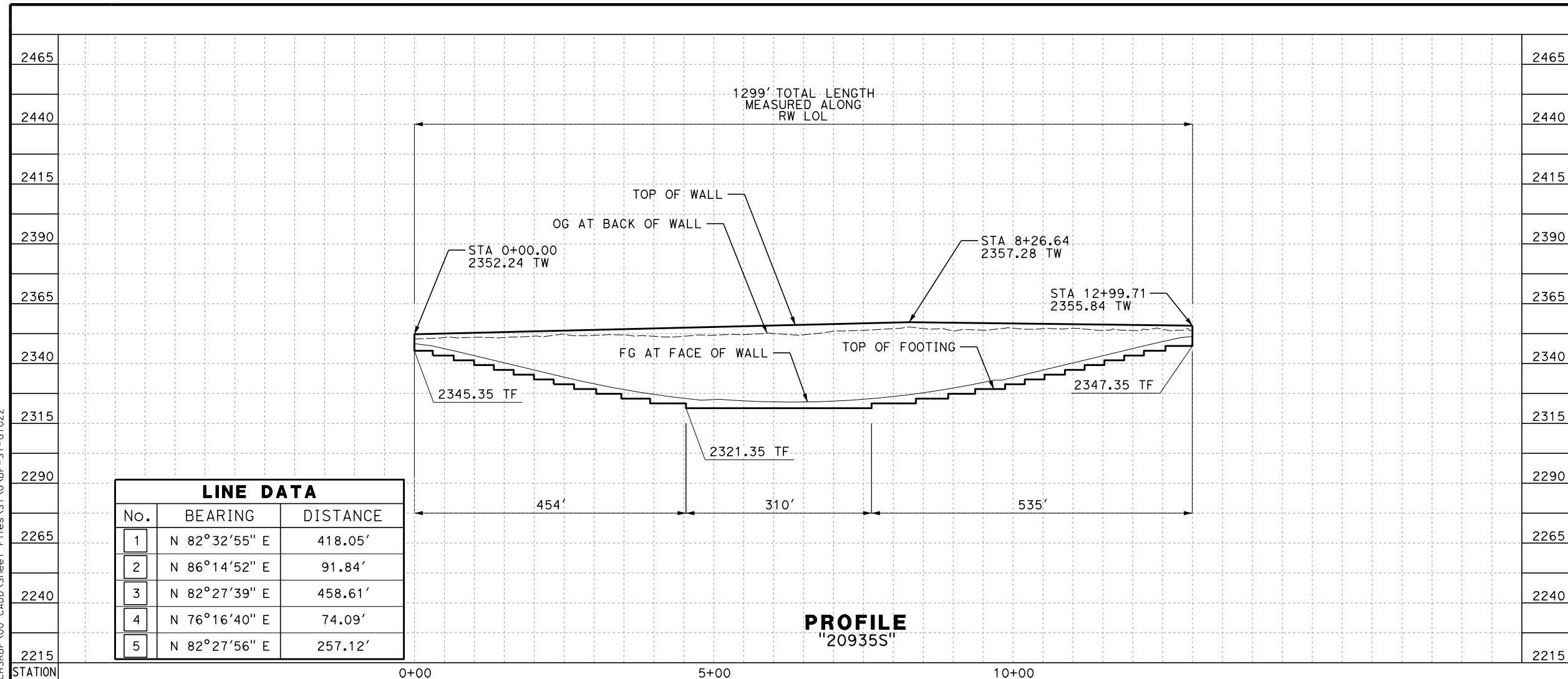


CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 1,2,3
RETAINING WALL
LANCASTER BLVD
PLAN AND PROFILE

CONTRACT NO.
HSR13-44
DRAWING NO.
BP-ST-G1021
SCALE
AS SHOWN
SHEET NO.
735

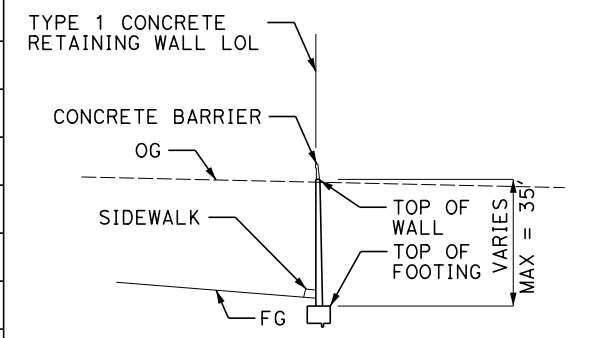
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javier_lopez@tylincorp.com 11:11:49 PM

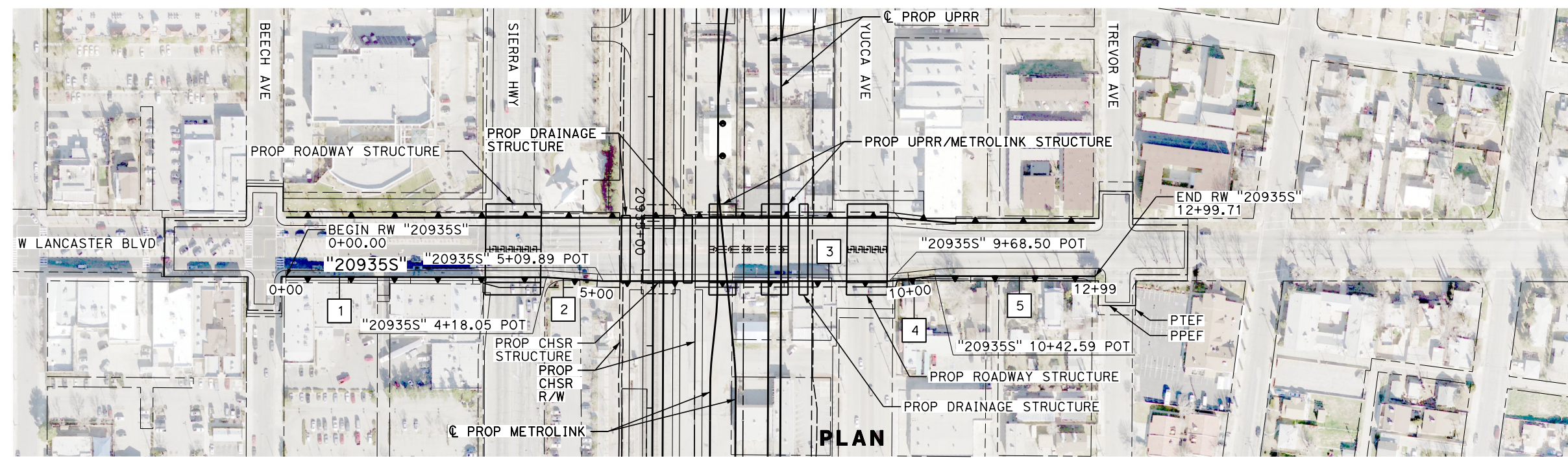


LINE DATA		
No.	BEARING	DISTANCE
1	N 82°32'55" E	418.05'
2	N 86°14'52" E	91.84'
3	N 82°27'39" E	458.61'
4	N 76°16'40" E	74.09'
5	N 82°27'56" E	257.12'

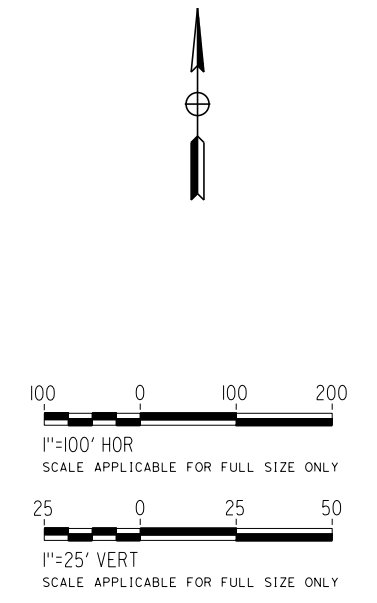
PROFILE
"20935S"



TYPICAL WALL SECTION
NO SCALE



PLAN



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CARSON
DRAWN BY
A. CARSON
CHECKED BY
S. LANDOLT
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION

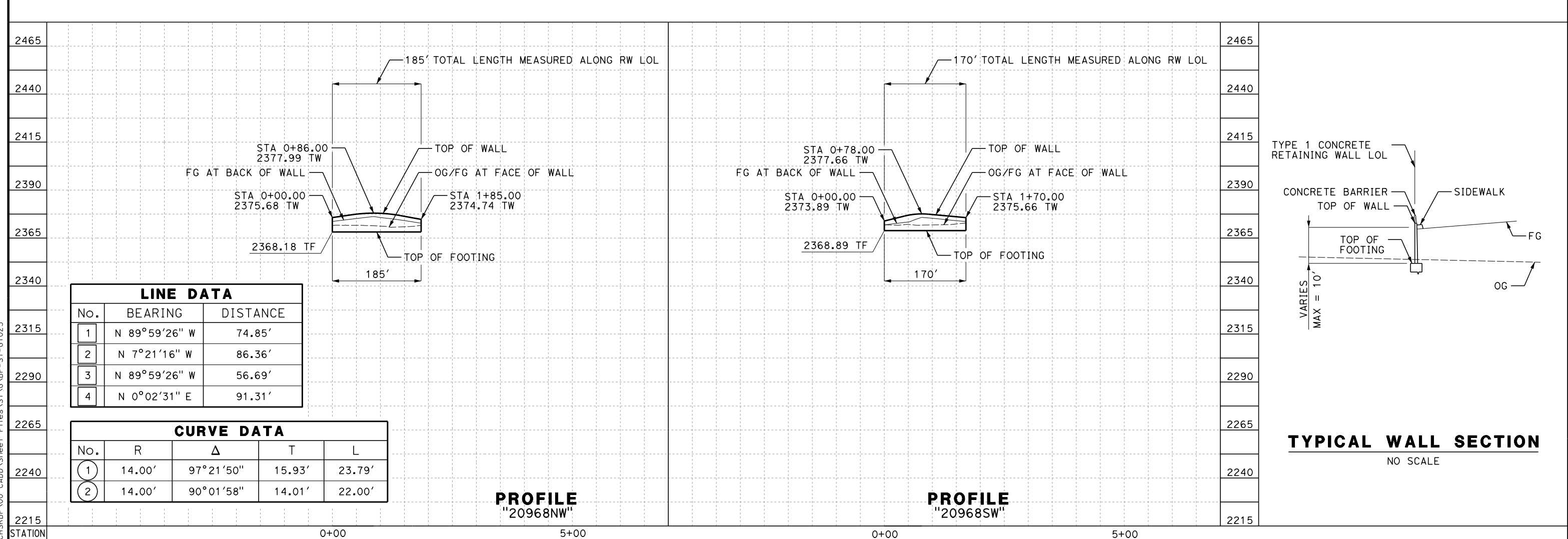


CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 1,2,3
RETAINING WALL
LANCASTER BLVD
PLAN AND PROFILE

CONTRACT NO.
HSR13-44
DRAWING NO.
BP-ST-G1022
SCALE
AS SHOWN
SHEET NO.
736

Projects\701206.00_CHSRBP\00_CADD\Sheet Files\ST\G\BP-ST-G1023

javier_lopez@tyl.com 11:15:00 PM



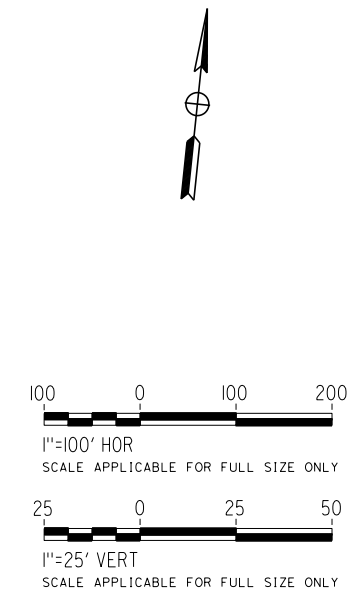
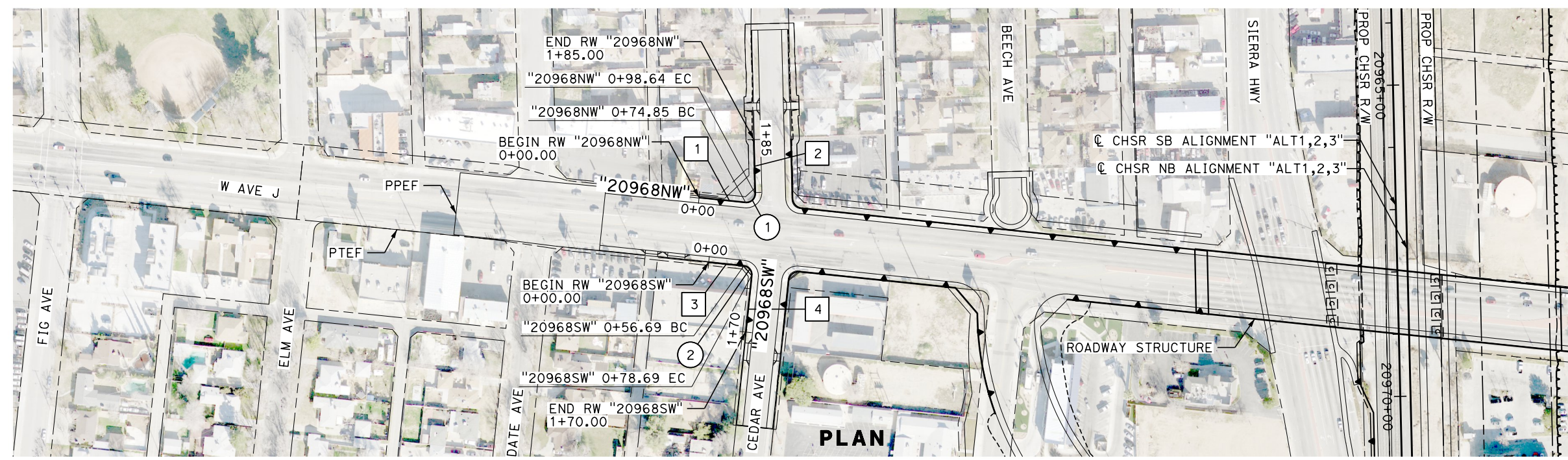
LINE DATA		
No.	BEARING	DISTANCE
1	N 89°59'26" W	74.85'
2	N 7°21'16" W	86.36'
3	N 89°59'26" W	56.69'
4	N 0°02'31" E	91.31'

CURVE DATA				
No.	R	Δ	T	L
1	14.00'	97°21'50"	15.93'	23.79'
2	14.00'	90°01'58"	14.01'	22.00'

PROFILE
"20968NW"

PROFILE
"20968SW"

TYPICAL WALL SECTION
NO SCALE



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. DODGE
DRAWN BY
A. DODGE
CHECKED BY
S. LANDOLT
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION

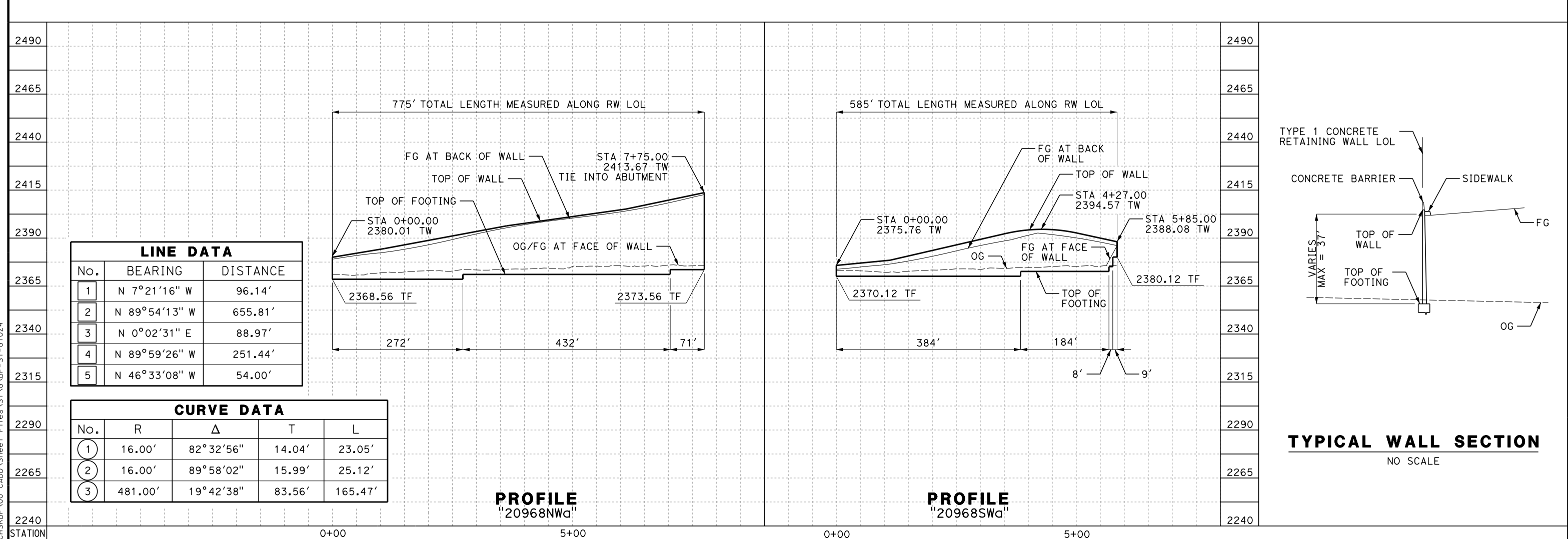


CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 1,2,3
RETAINING WALL
AVENUE J
PLAN AND PROFILE

CONTRACT NO.
HSR13-44
DRAWING NO.
BP-ST-G1023
SCALE
AS SHOWN
SHEET NO.
737

Projects\701206.00_CHSRBP\00_CADD\Sheet Files\STG\BP-ST-G1024

javier_lopez@tylincorp.com 11:15:21 PM



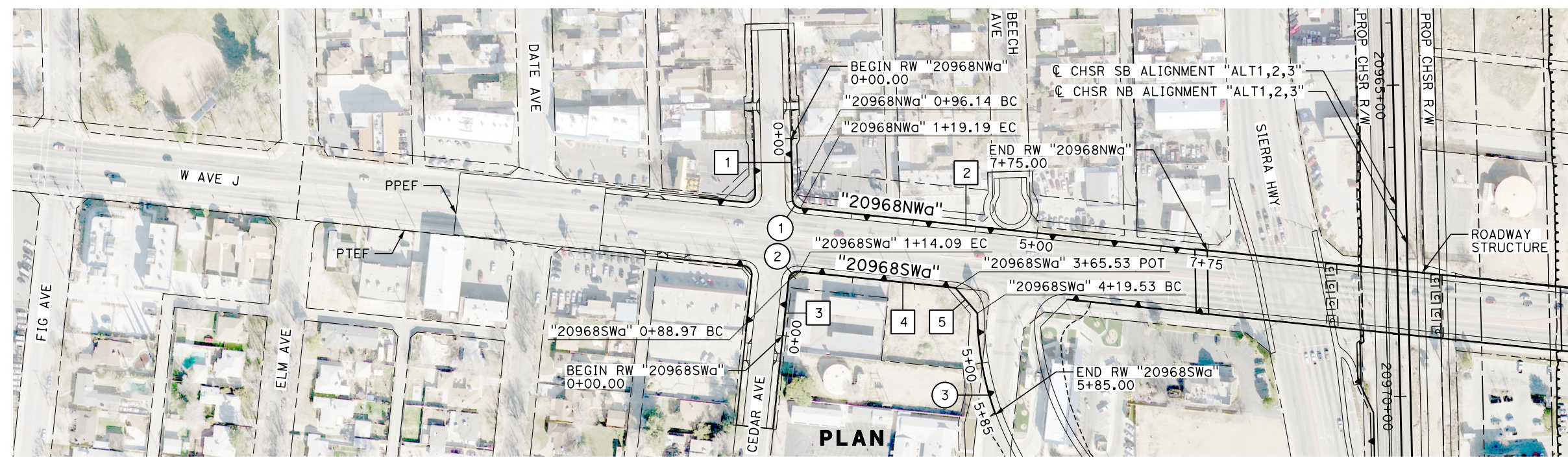
LINE DATA		
No.	BEARING	DISTANCE
1	N 7°21'16" W	96.14'
2	N 89°54'13" W	655.81'
3	N 0°02'31" E	88.97'
4	N 89°59'26" W	251.44'
5	N 46°33'08" W	54.00'

CURVE DATA				
No.	R	Δ	T	L
1	16.00'	82°32'56"	14.04'	23.05'
2	16.00'	89°58'02"	15.99'	25.12'
3	481.00'	19°42'38"	83.56'	165.47'

PROFILE
"20968NWa"

PROFILE
"20968SWa"

TYPICAL WALL SECTION
NO SCALE



PLAN

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. DODGE
DRAWN BY
A. DODGE
CHECKED BY
S. LANDOLT
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION

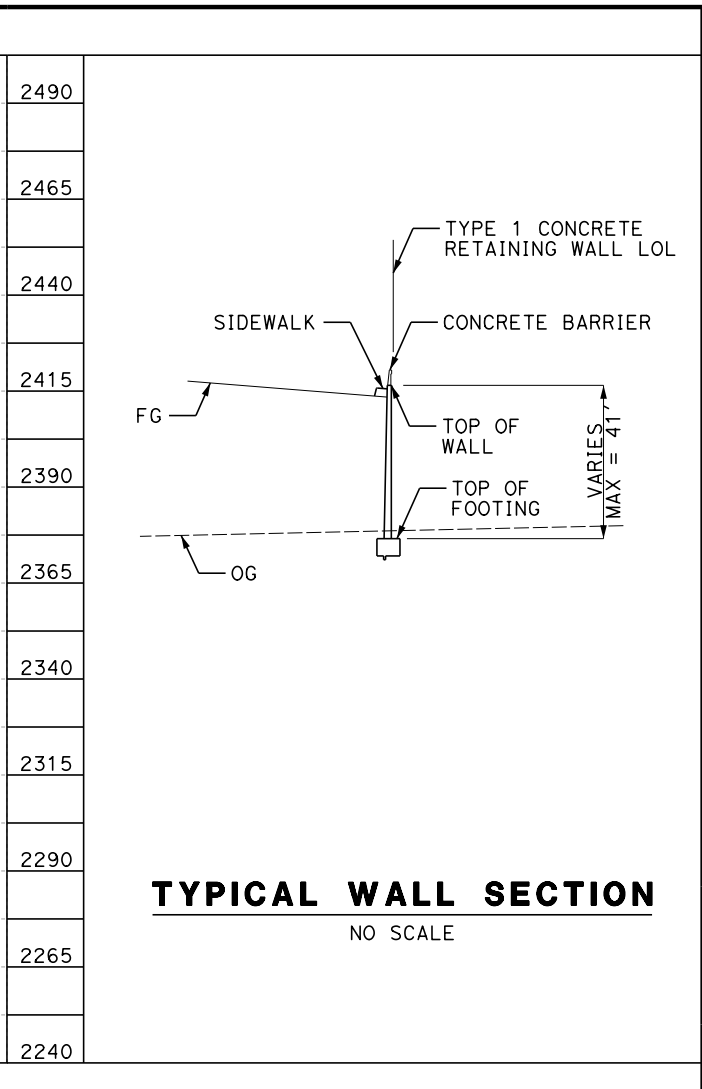
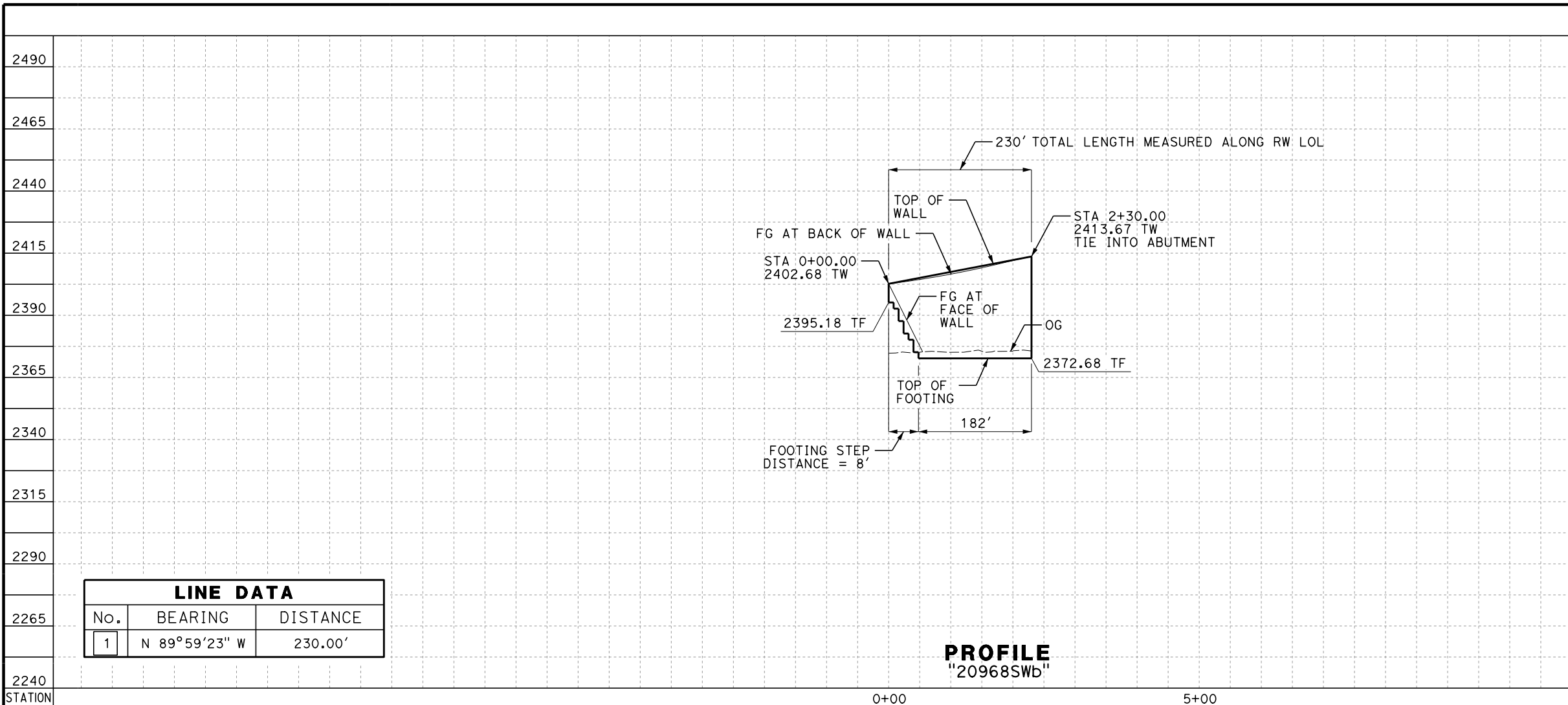


CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 1,2,3
RETAINING WALL
AVENUE J
PLAN AND PROFILE

CONTRACT NO.
HSR13-44
DRAWING NO.
BP-ST-G1024
SCALE
AS SHOWN
SHEET NO.
738

Projects\701206.00_CHSRBP\00_CADD\Sheet Files\ST\G\BP-ST-G1025

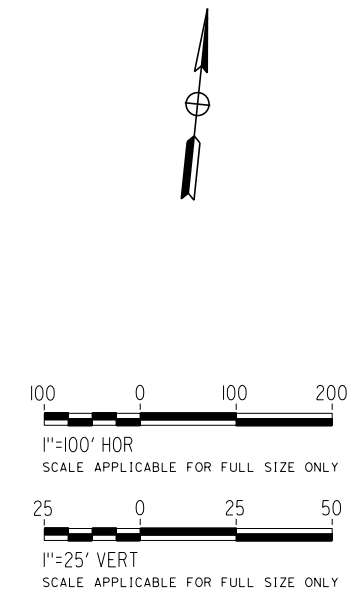
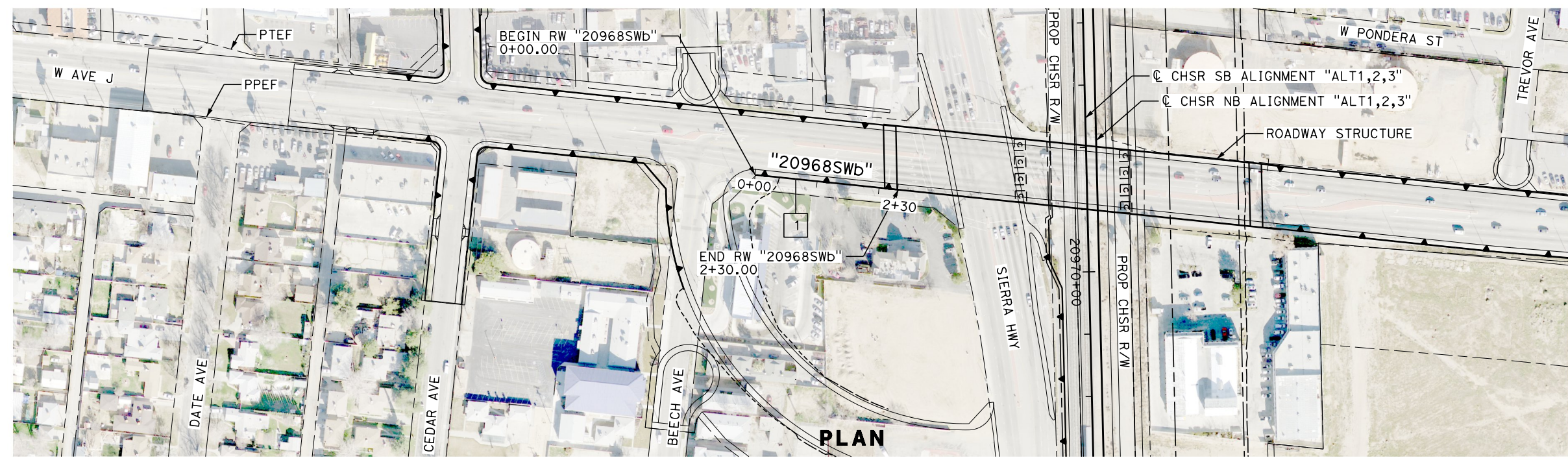
javier_lopez@tylincorp.com 11:15:57 PM



LINE DATA		
No.	BEARING	DISTANCE
1	N 89°59'23" W	230.00'

PROFILE
"20968SWb"

TYPICAL WALL SECTION
NO SCALE



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. DODGE
DRAWN BY
A. DODGE
CHECKED BY
S. LANDOLT
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION

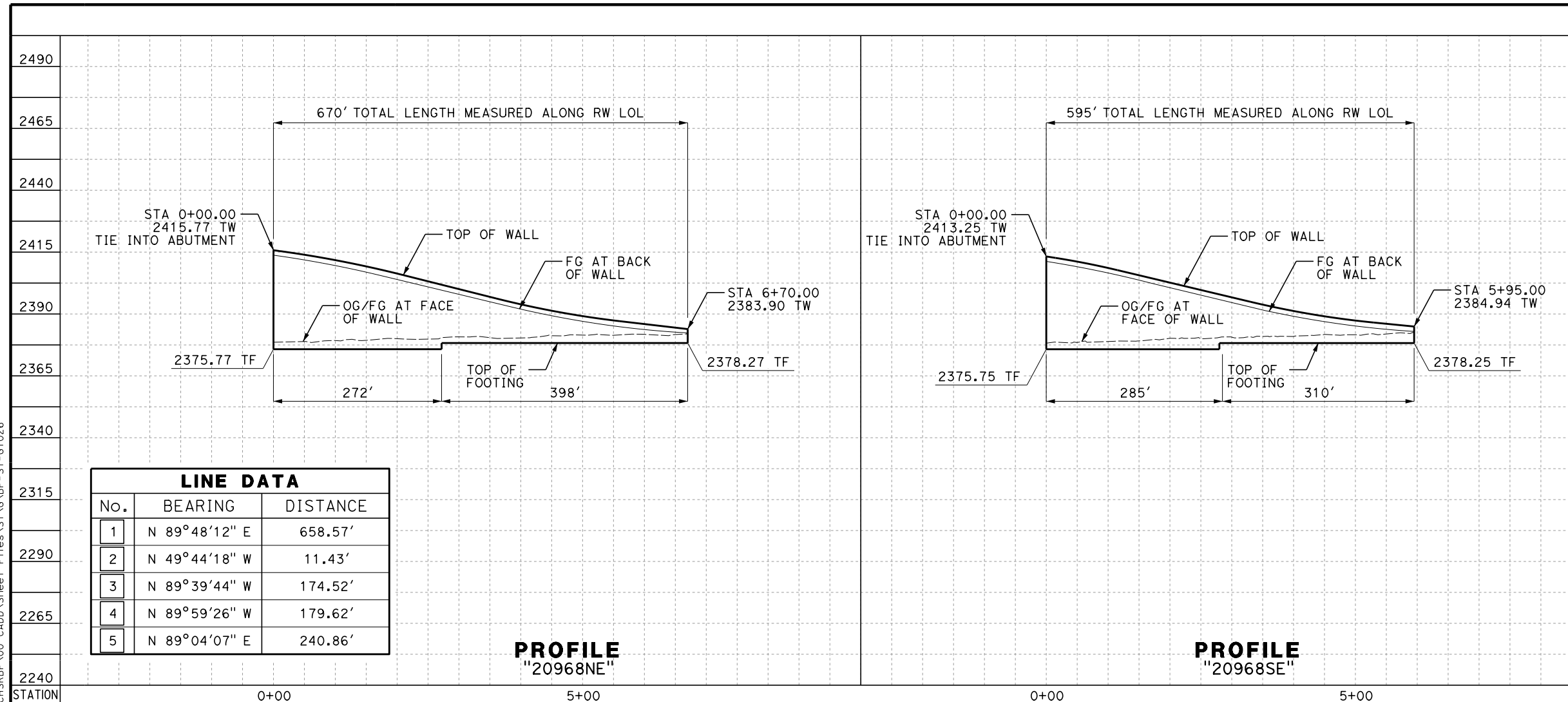


CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 1,2,3
RETAINING WALL
AVENUE J
PLAN AND PROFILE

CONTRACT NO.
HSR13-44
DRAWING NO.
BP-ST-G1025
SCALE
AS SHOWN
SHEET NO.
739

Projects\701206.00_CHSRB\00_CADD\Sheet Files\ST\ANG\BP-ST-G1026

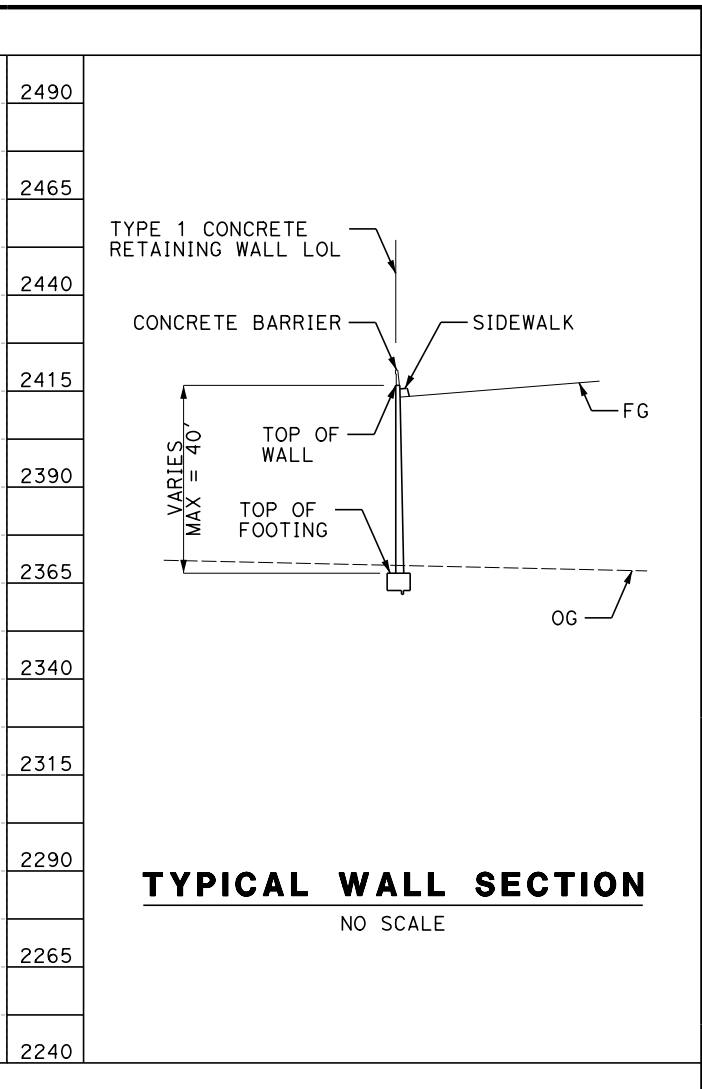
javier_lopez@tyl.com 11:15:25 PM



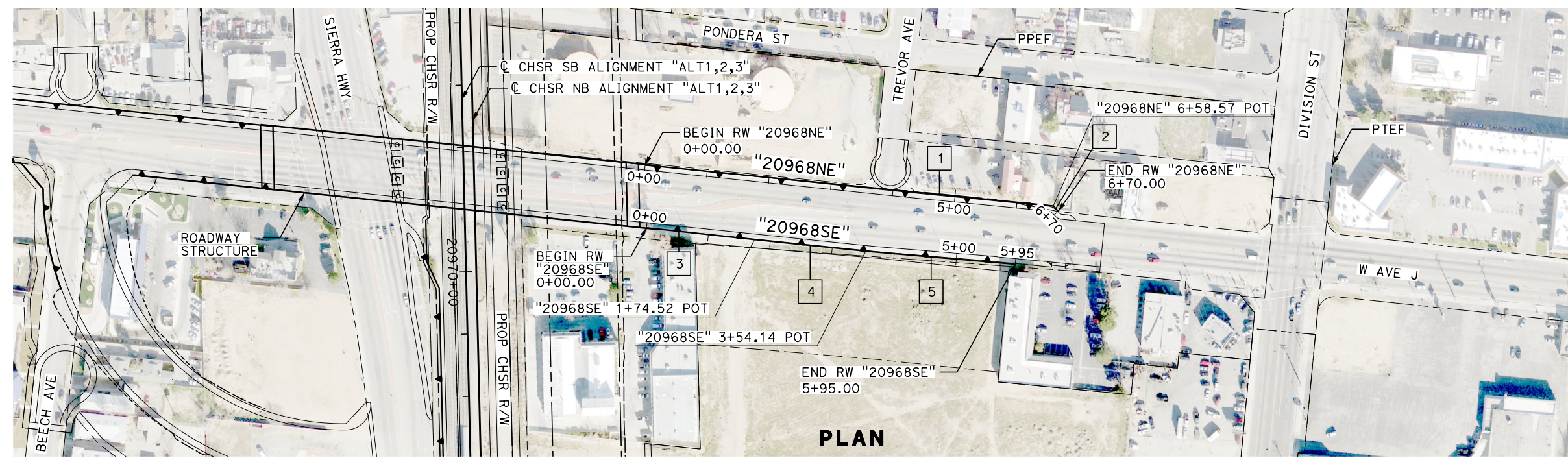
LINE DATA		
No.	BEARING	DISTANCE
1	N 89°48'12" E	658.57'
2	N 49°44'18" W	11.43'
3	N 89°39'44" W	174.52'
4	N 89°59'26" W	179.62'
5	N 89°04'07" E	240.86'

PROFILE
"20968NE"

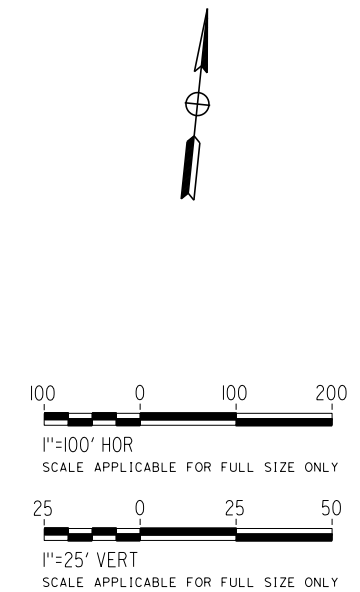
PROFILE
"20968SE"



TYPICAL WALL SECTION
NO SCALE



PLAN



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. DODGE
DRAWN BY
A. DODGE
CHECKED BY
S. LANDOLT
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION

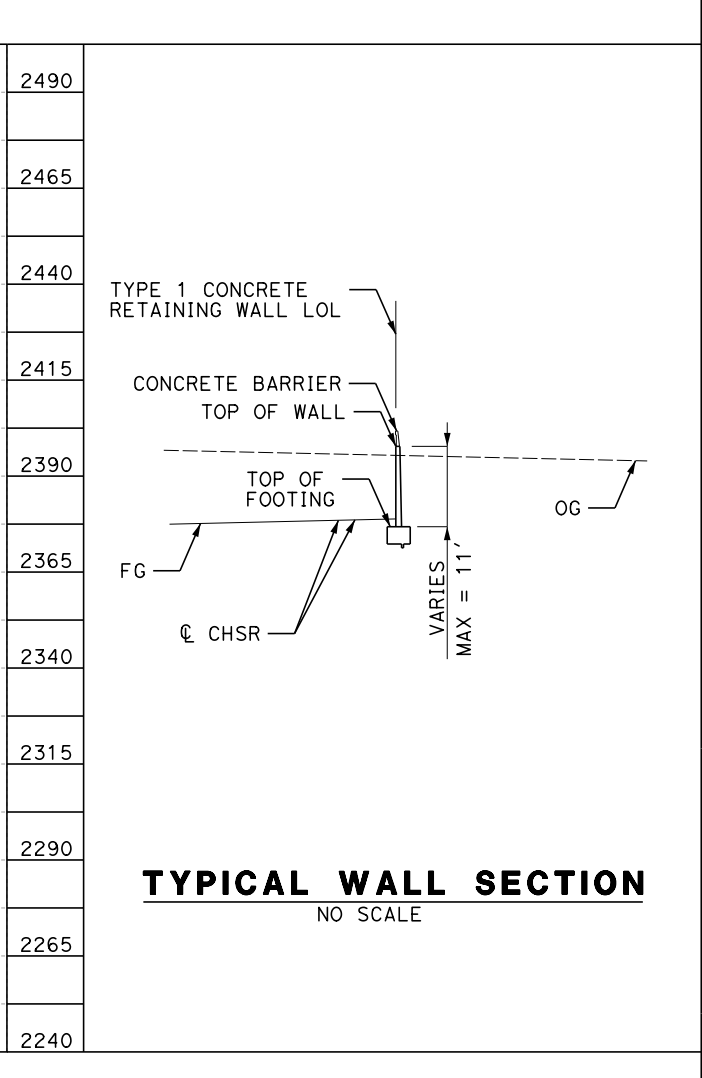
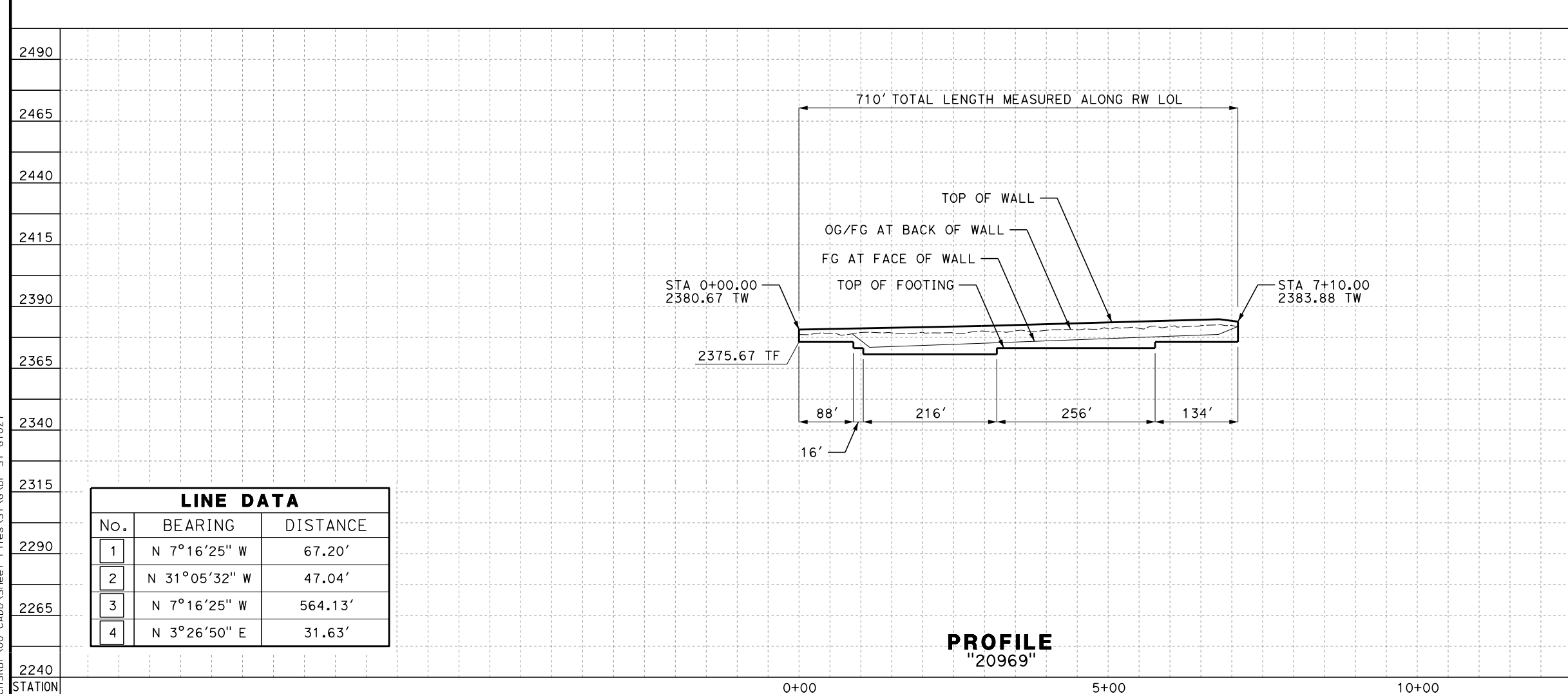


CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 1,2,3
RETAINING WALL
AVENUE J
PLAN AND PROFILE

CONTRACT NO.
HSR13-44
DRAWING NO.
BP-ST-G1026
SCALE
AS SHOWN
SHEET NO.
740

Projects\701206.00_CHSRBP\00_CADD\Sheet Files\STANG\BP-ST-G1027

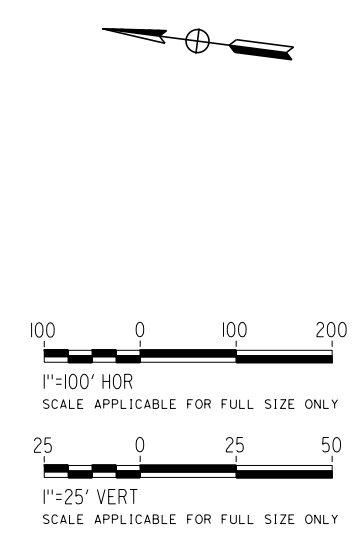
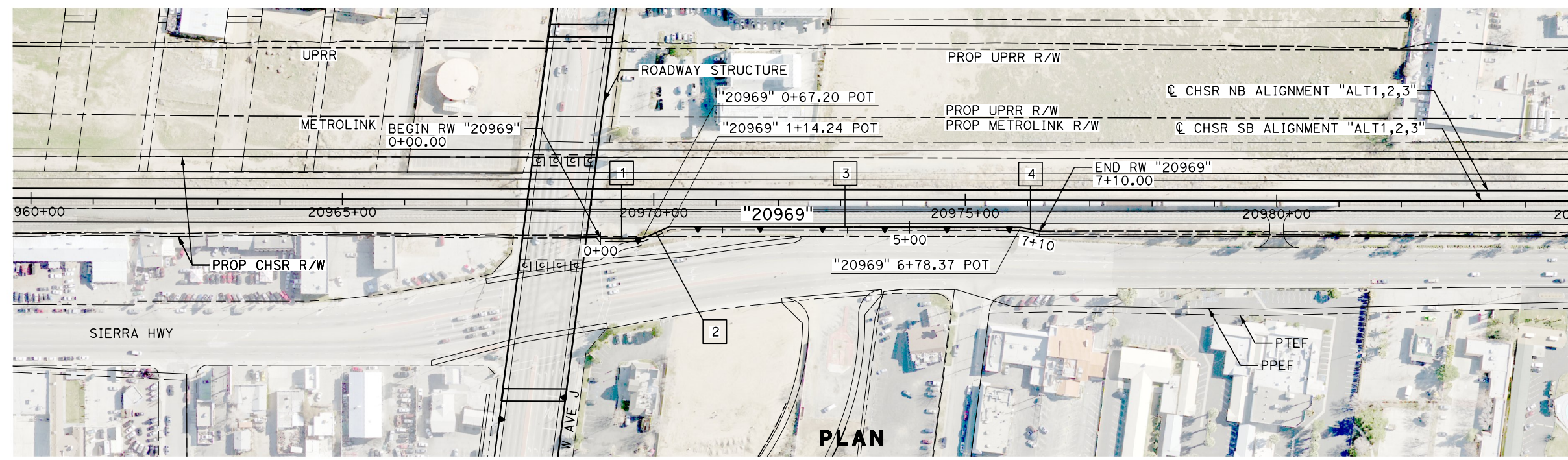
javier_lopez@tyl.com 11:16:58 PM



LINE DATA		
No.	BEARING	DISTANCE
1	N 7°16'25" W	67.20'
2	N 31°05'32" W	47.04'
3	N 7°16'25" W	564.13'
4	N 3°26'50" E	31.63'

PROFILE
"20969"

TYPICAL WALL SECTION
NO SCALE



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. DODGE
DRAWN BY
A. DODGE
CHECKED BY
S. LANDOLT
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION

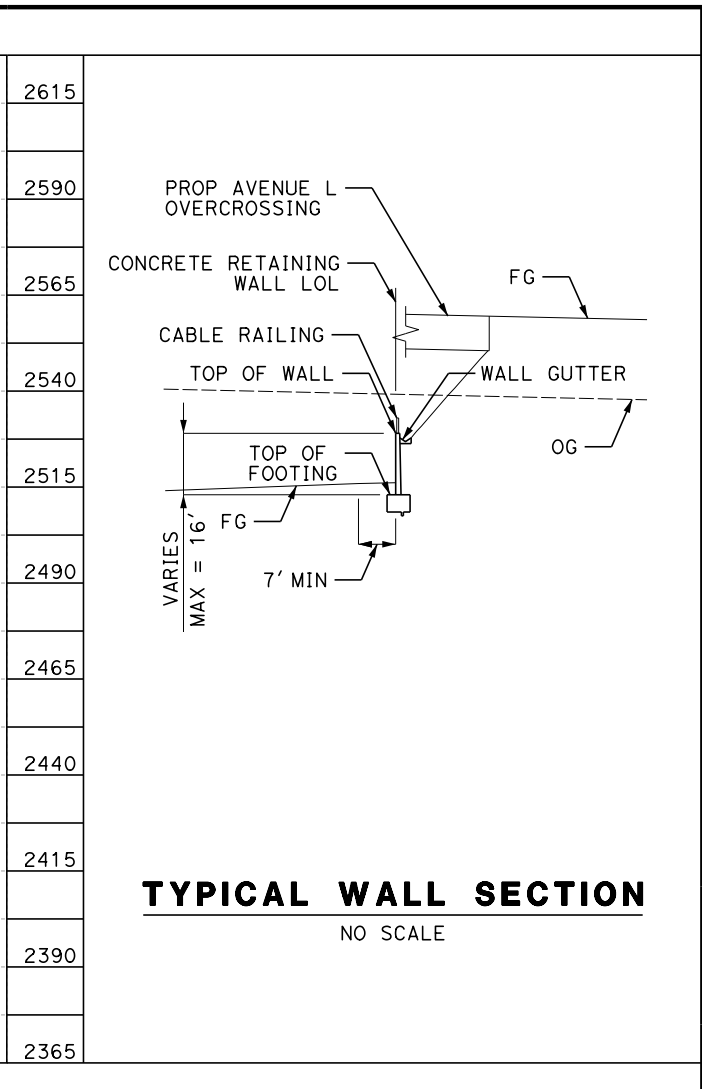
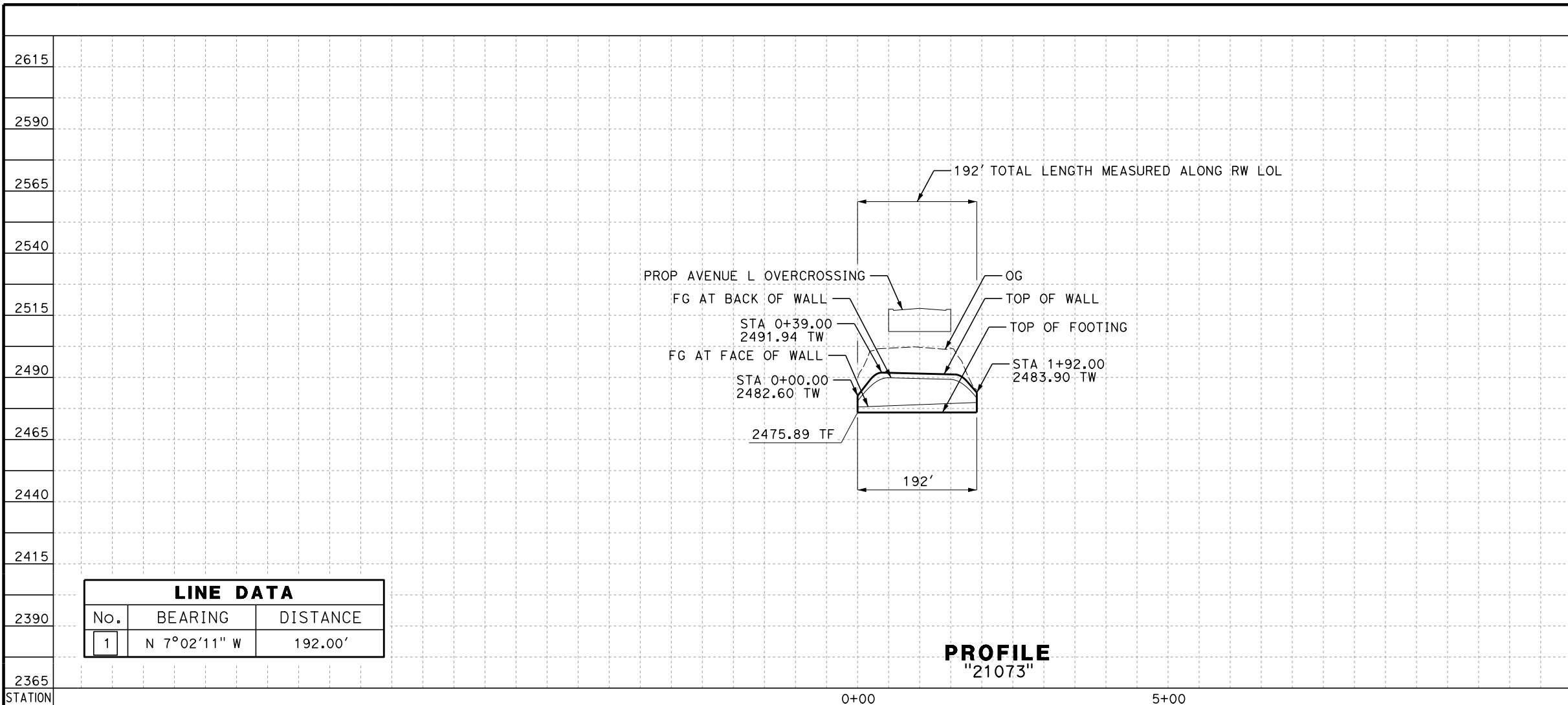


CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 1,2,3
RETAINING WALL
20969
PLAN AND PROFILE

CONTRACT NO.
HSR13-44
DRAWING NO.
BP-ST-G1027
SCALE
AS SHOWN
SHEET NO.
741

Projects\701206.00_CHSRBP\00_CADD\Sheet Files\ST\G\BP-ST-G1028

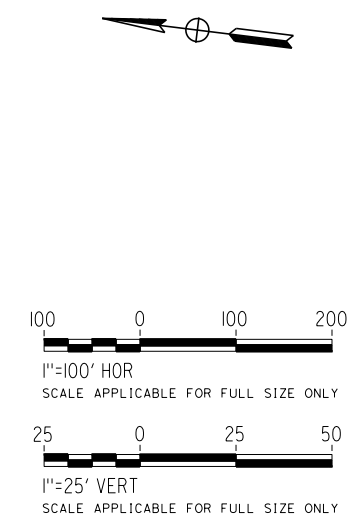
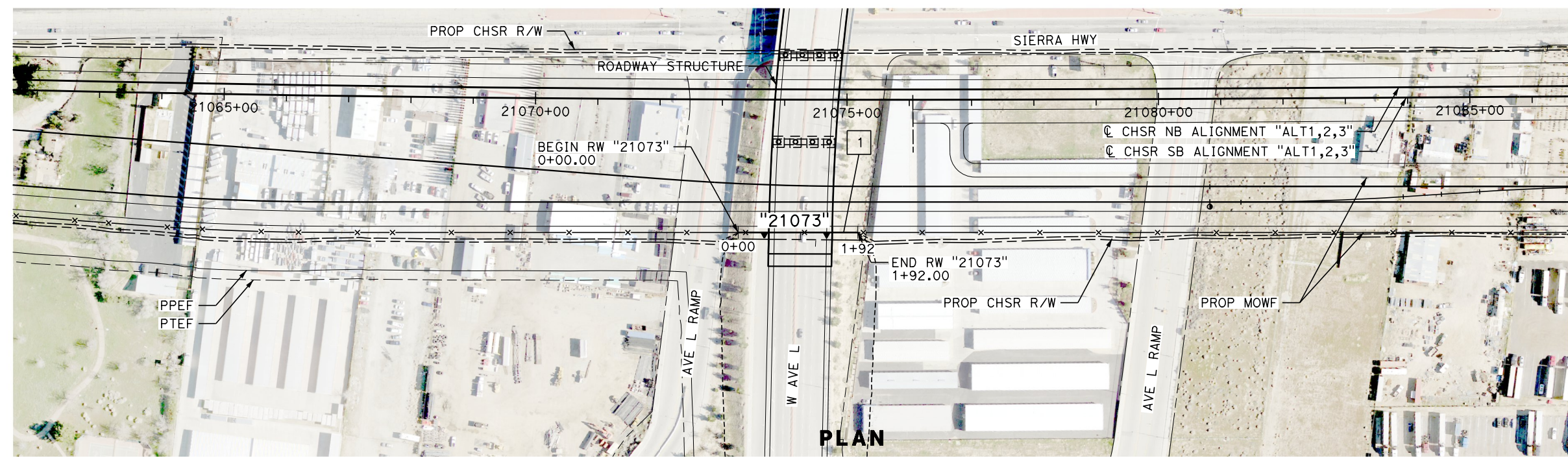
javier_lopez@tylin.com 11:17:07 PM



LINE DATA		
No.	BEARING	DISTANCE
1	N 7°02'11" W	192.00'

PROFILE
"21073"

TYPICAL WALL SECTION
NO SCALE



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. DODGE
DRAWN BY
A. DODGE
CHECKED BY
S. LANDOLT
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION

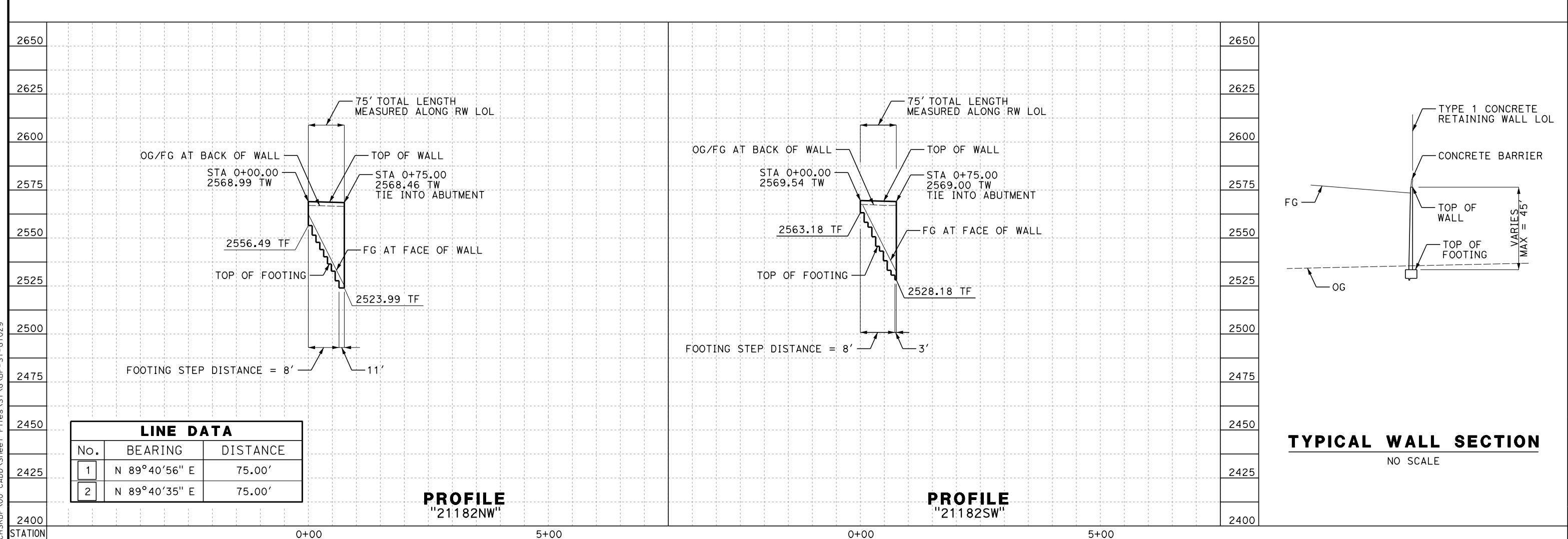


CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 1,2,3
RETAINING WALL
AVENUE L
PLAN AND PROFILE

CONTRACT NO.
HSR13-44
DRAWING NO.
BP-ST-G1028
SCALE
AS SHOWN
SHEET NO.
742

Projects\701206.00_CHSRBP\00_CADD\Sheet Files\ST\G\BP-ST-G1029

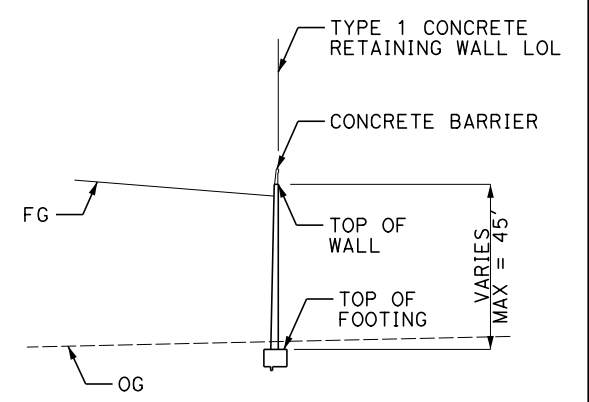
javier_lopez@tylin.com 11:16:01 PM



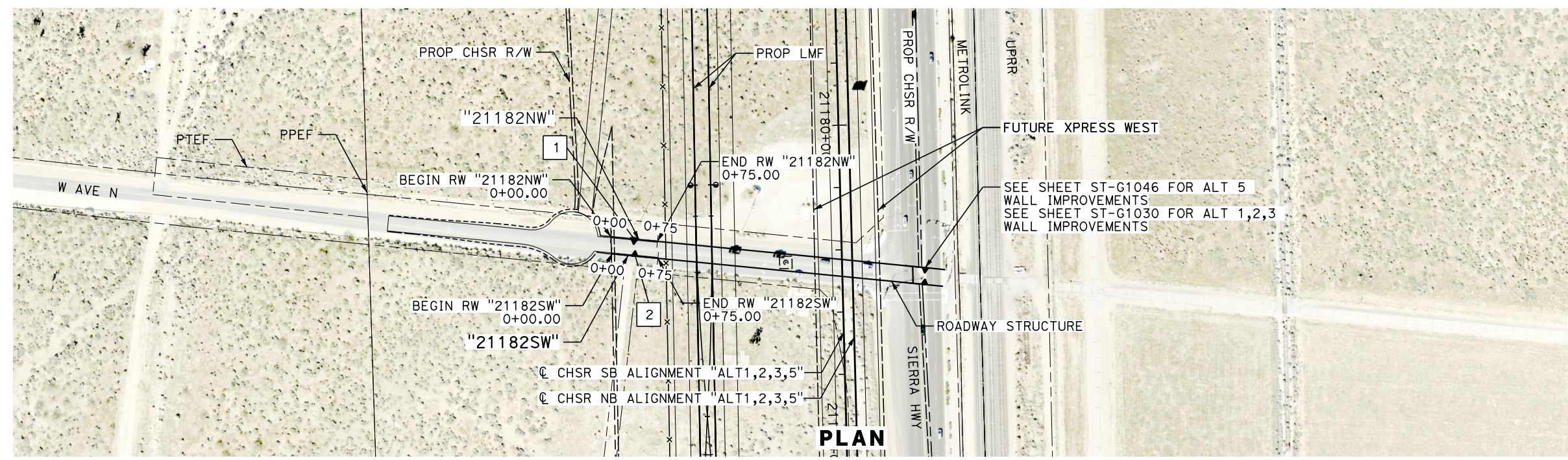
LINE DATA		
No.	BEARING	DISTANCE
1	N 89°40'56" E	75.00'
2	N 89°40'35" E	75.00'

PROFILE
"21182NW"

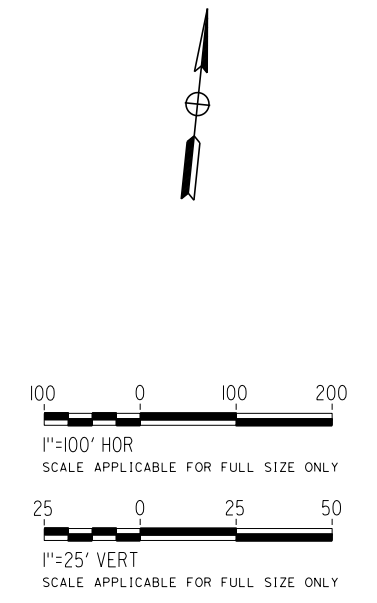
PROFILE
"21182SW"



TYPICAL WALL SECTION
NO SCALE



PLAN



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. DODGE
DRAWN BY
A. DODGE
CHECKED BY
S. LANDOLT
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION

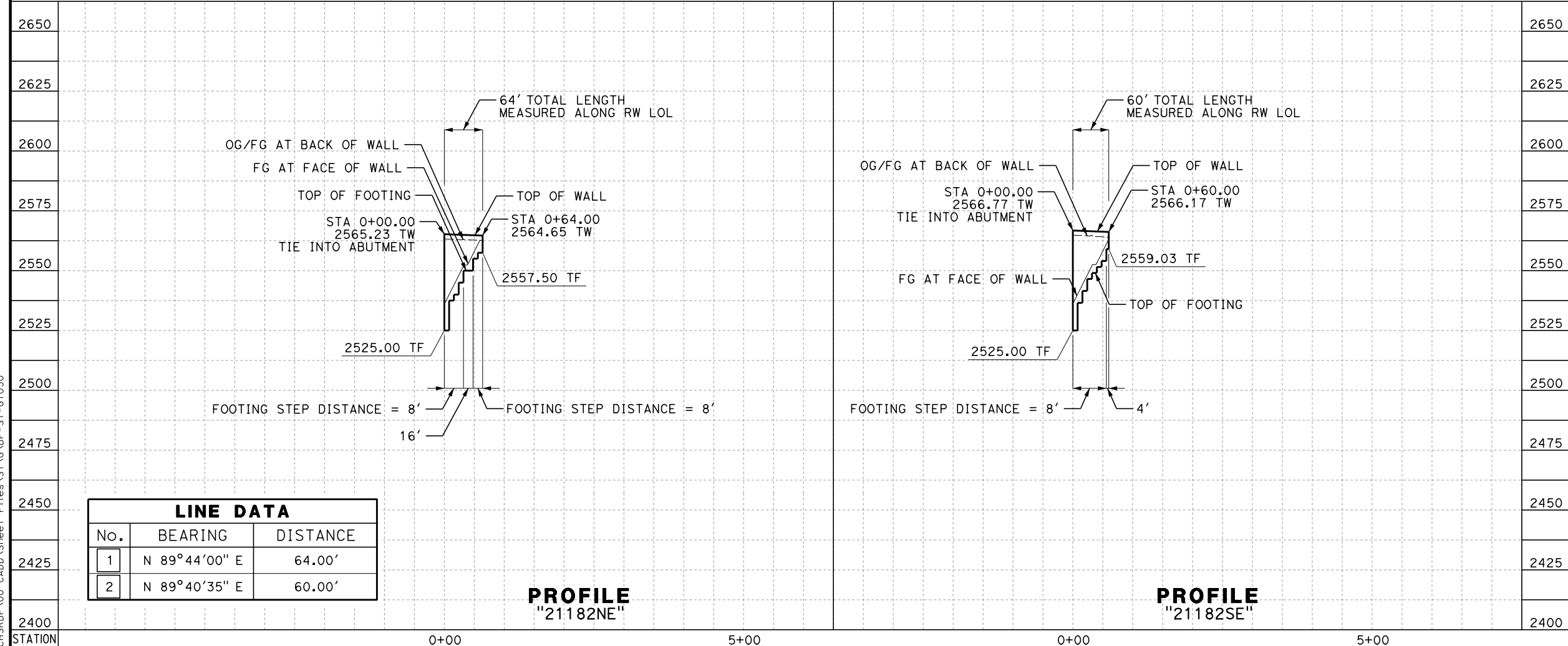


CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 1,2,3,5
RETAINING WALL
AVENUE N
PLAN AND PROFILE

CONTRACT NO.
HSR13-44
DRAWING NO.
BP-ST-G1029
SCALE
AS SHOWN
SHEET NO.
743

Projects\701206.00_CHSRBP\00_CADD\Sheet Files\ST\G\BP-ST-G1030

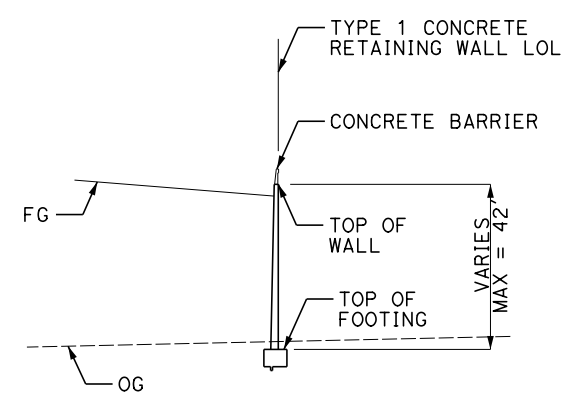
javier_lopez@tylincorp.com 11:16:07 PM



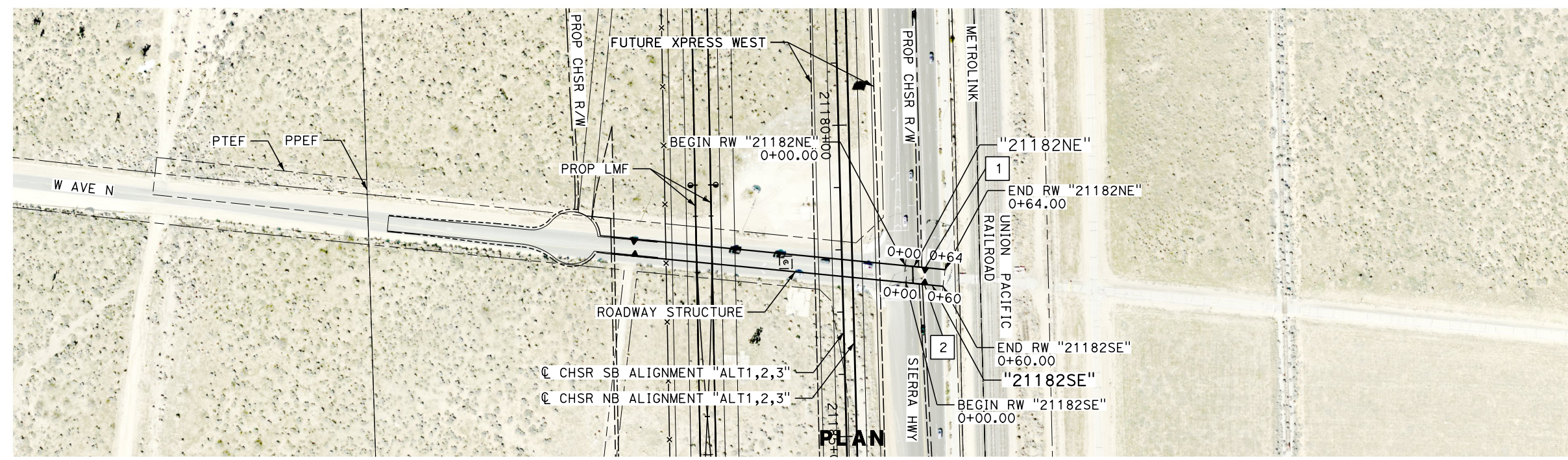
LINE DATA		
No.	BEARING	DISTANCE
1	N 89°44'00" E	64.00'
2	N 89°40'35" E	60.00'

PROFILE
"21182NE"

PROFILE
"21182SE"



TYPICAL WALL SECTION
NO SCALE



PLAN

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. DODGE
DRAWN BY
A. DODGE
CHECKED BY
S. LANDOLT
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION

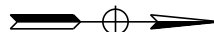









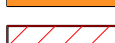


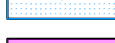


CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 1,2,3
RETAINING WALL
AVENUE N
PLAN AND PROFILE

CONTRACT NO.
HSR13-44
DRAWING NO.
BP-ST-G1030
SCALE
AS SHOWN
SHEET NO.
744

\$USER\$ 1/15/2021 2:00:35 AM \$FILE\$

LEGEND

-  NORTH ARROW
-  PROPOSED TEMPORARY ENVIRONMENTAL FOOTPRINT
-  PROPOSED PERMANENT ENVIRONMENTAL FOOTPRINT
-  LIMITS OF EXCAVATION (CUT)
-  LIMITS OF EMBANKMENT (FILL)
-  CONSTRUCTION STAGING / LAYDOWN AREA, ROCK CRUSHING PLANT, OR ROCK CRUSHING & PRECAST OPERATIONS YARD
-  PROPOSED RETAINING WALL
-  PHASE 1
-  PHASE 2
-  PHASE 3
-  CUT AREAS
-  FILL AREAS
-  MOWF, MOWS, LMF, TPF, TPS
-  RS-WA

GENERAL NOTES

1. THIS IS A HIGH LEVEL SCHEMATIC DESIGN AND NOT INTENDED FOR USE DURING CONSTRUCTION.
2. DETAILED CONSTRUCTION SEQUENCE FOR GRADE SEPARATIONS IS NOT PROVIDED IN THIS SET OF PLANS. UTILITY RELOCATIONS ARE NOT SHOWN.
3. TRAFFIC DETOURS ARE NOT SHOWN IN THIS SET OF PLANS.
4. LAYDOWN AREAS, STAGING AREAS AND OTHER CONTRACTOR'S FACILITIES ARE INCLUDED IN THIS SET OF PLANS.
5. DETAILED PHASING OF LONG CHSR VIADUCTS ARE NOT SHOWN.
6. LMF (LIGHT MAINTENANCE FACILITY), MOWF (MAINTENANCE OF WAY FACILITY), MOWS (MAINTENANCE OF WAY SIDING), TPF (TRACTION POWER FACILITY), TPS (TRACTION POWER SUBSTATION) ARE SHOWN, BUT NOT INCLUDED IN THE SEQUENCING.
7. CONSTRUCTION PHASES WILL OVERLAP AS NEEDED TO REDUCE CONSTRUCTION DURATIONS.
8. DRAINAGE OVERCROSSINGS ALONG THE ALIGNMENTS ARE NOT SHOWN IN THE SEQUENCING PLANS.

ABBREVIATIONS

CHSR	CALIFORNIA HIGH-SPEED RAIL
D&B	DRILL AND BLAST
LMF	LIGHT MAINTENANCE FACILITY
MOWF	MAINTENANCE OF WAY FACILITY
MOWS	MAINTENANCE OF WAY SIDING
OH	OVERHEAD
RS-WA	RAIL STORAGE & WELDING AREA
SEM	SEQUENTIAL EXCAVATION METHOD
STA	STATION
TPF	TRACTION POWER FACILITY
TPS	TRACTION POWER SUPPLY SYSTEM
TPSS	TRACTION POWER SUBSTATION
TBM	TUNNEL BORING MACHINE
UC	UNDERCROSSING
UP	UNDERPASS
UPRR	UNION PACIFIC RAILROAD

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J. TURRELL
 DRAWN BY
J. TURRELL
 CHECKED BY
G. CAMPBELL
 IN CHARGE
G. CAMPBELL
 DATE
01/29/2021

RECORD SET
PEPD SUBMITTAL

NOT FOR
CONSTRUCTION

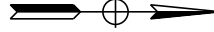






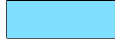






CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
 ALTERNATIVE 1,2,3,5
 NOTES & LEGEND

CONTRACT NO.	HSR13-44
DRAWING NO.	CV-B0003
SCALE	AS SHOWN
SHEET NO.	745

\$USER\$ 12/28/2020 01:21:51 PM \$PENTBL\$ \$PLTDRVS\$ \$FILE\$

LEGEND

-  NORTH ARROW
-  PROPOSED TEMPORARY ENVIRONMENTAL FOOTPRINT
-  PROPOSED PERMANENT ENVIRONMENTAL FOOTPRINT
-  LIMITS OF EXCAVATION (CUT)
-  LIMITS OF EMBANKMENT (FILL)
-  CONSTRUCTION STAGING / LAYDOWN AREA, ROCK CRUSHING PLANT, OR ROCK CRUSHING & PRECAST OPERATIONS YARD
-  PROPOSED RETAINING WALL
-  PHASE 1
-  PHASE 2
-  PHASE 3
-  CUT AREAS
-  FILL AREAS

GENERAL NOTES

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6. LMF (LIGHT MAINTENANCE FACILITY), MOWF (MAINTENANCE OF WAY FACILITY), MOWS (MAINTENANCE OF WAY SIDING), TPF (TRACTION POWER FACILITY), TPS (TRACTION POWER SUBSTATION) ARE SHOWN, BUT NOT INCLUDED IN THE SEQUENCING.
7. CONSTRUCTION PHASES WILL OVERLAP AS NEEDED TO REDUCE CONSTRUCTION DURATIONS.
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ABBREVIATIONS

CHSR	CALIFORNIA HIGH SPEED RAIL
D&B	DRILL AND BLAST
LMF	LIGHT MAINTENANCE FACILITY
MOWF	MAINTENANCE OF WAY FACILITY
MOWS	MAINTENANCE OF WAY SIDING
OH	OVERHEAD
RS-WA	RAIL STORAGE & WELDING AREA
SEM	SEQUENTIAL EXCAVATION METHOD
STA	STATION
TPF	TRACTION POWER FACILITY
TPS	TRACTION POWER SUPPLY SYSTEM
TPSS	TRACTION POWER SUBSTATION
TBM	TUNNEL BORING MACHINE
UC	UNDERCROSSING
UP	UNDERPASS
UPRR	UNION PACIFIC RAILROAD

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J. TURRELL
 DRAWN BY
B. MOZAFFARIAN
 CHECKED BY
G. CAMPBELL
 IN CHARGE
G. CAMPBELL
 DATE
01/29/2021

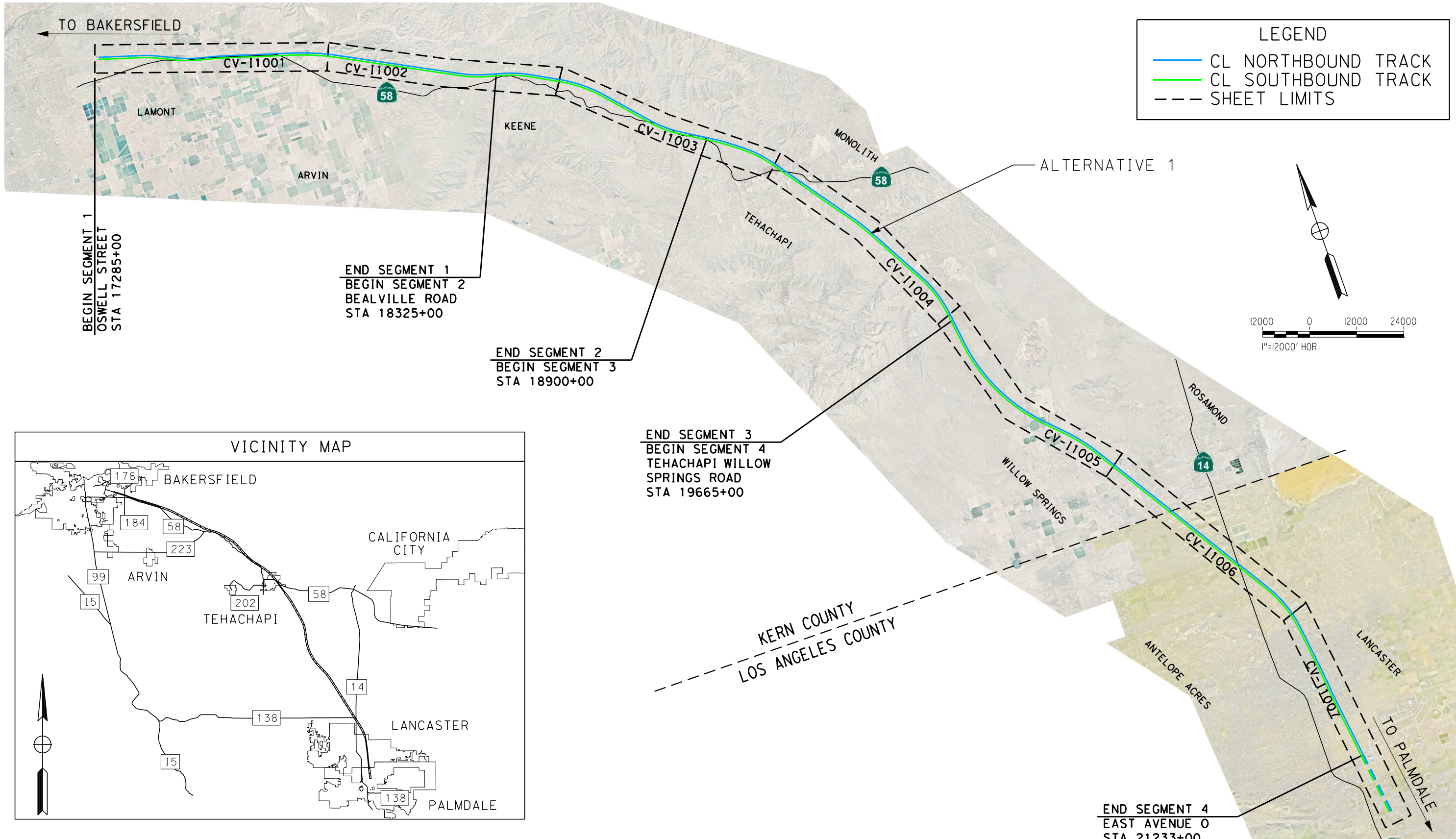
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CONSTRUCTION



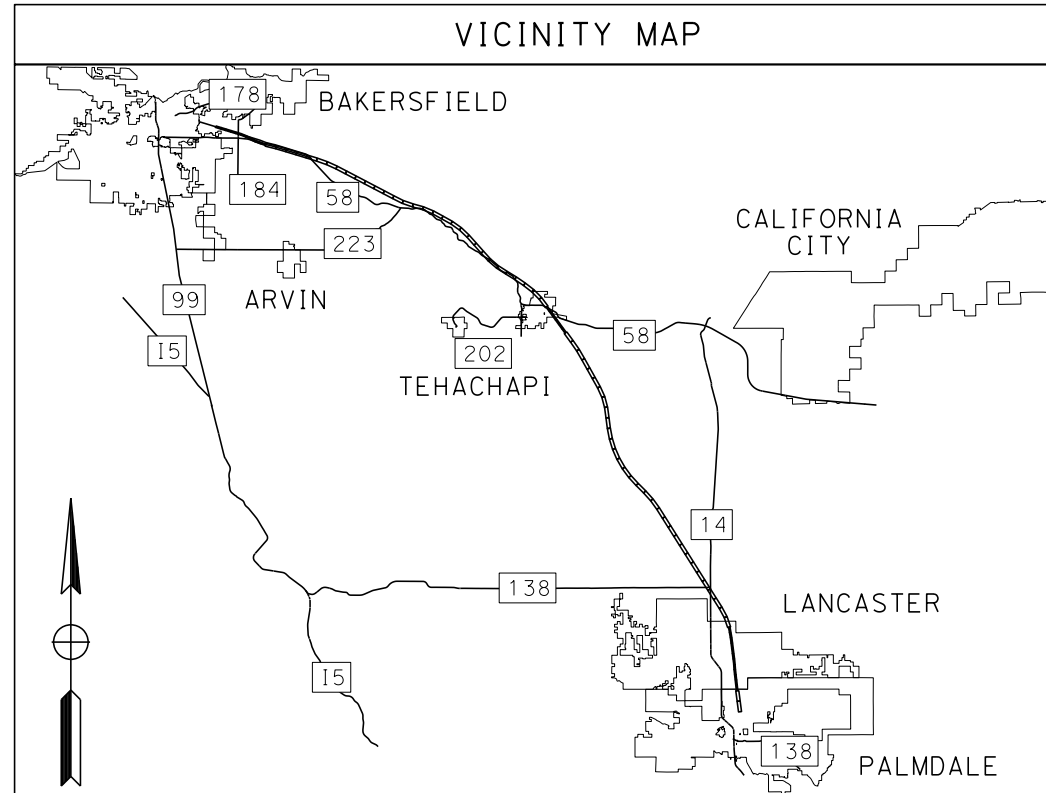
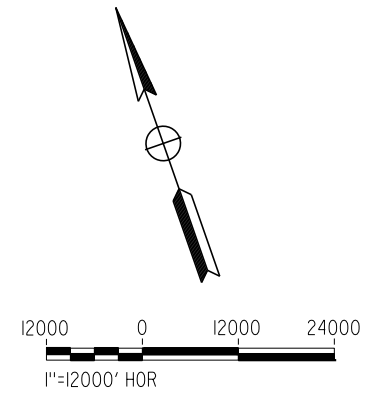
CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
 REFINED CCNM DESIGN OPTION
 CONSTRUCTION SEQUENCING GENERAL
 NOTES & LEGEND

CONTRACT NO.	HSR13-44
DRAWING NO.	CV-10101
SCALE	NO SCALE
SHEET NO.	746



LEGEND

- CL NORTHBOUND TRACK
- CL SOUTHBOUND TRACK
- - - SHEET LIMITS



BEGIN SEGMENT 1
OSWELL STREET
STA 17285+00

END SEGMENT 1
BEGIN SEGMENT 2
BEALVILLE ROAD
STA 18325+00

END SEGMENT 2
BEGIN SEGMENT 3
STA 18900+00

END SEGMENT 3
BEGIN SEGMENT 4
TEHACHAPI WILLOW
SPRINGS ROAD
STA 19665+00

END SEGMENT 4
EAST AVENUE 0
STA 21233+00

1/14/2021 2:09:23 AM \$USER\$ \$FILE\$

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J. TURRELL

DRAWN BY
J. TURRELL

CHECKED BY
G. CAMPBELL

IN CHARGE
G. CAMPBELL

DATE
01/29/2021

RECORD SET
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CONSTRUCTION



CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE

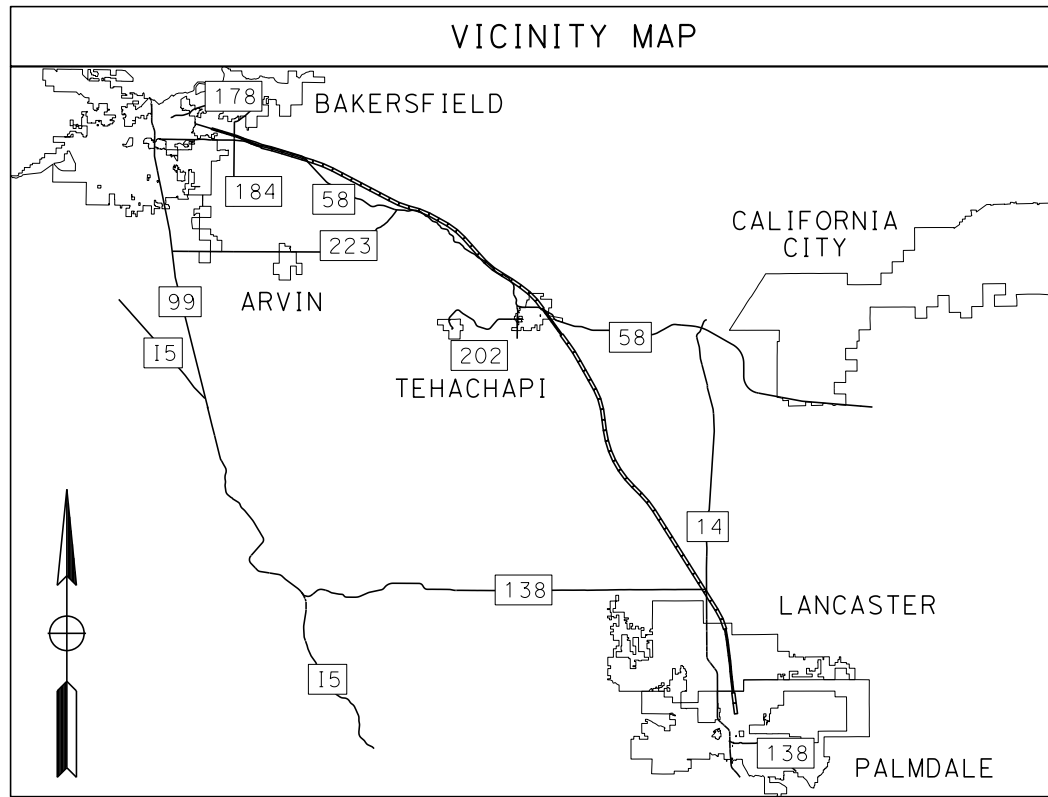
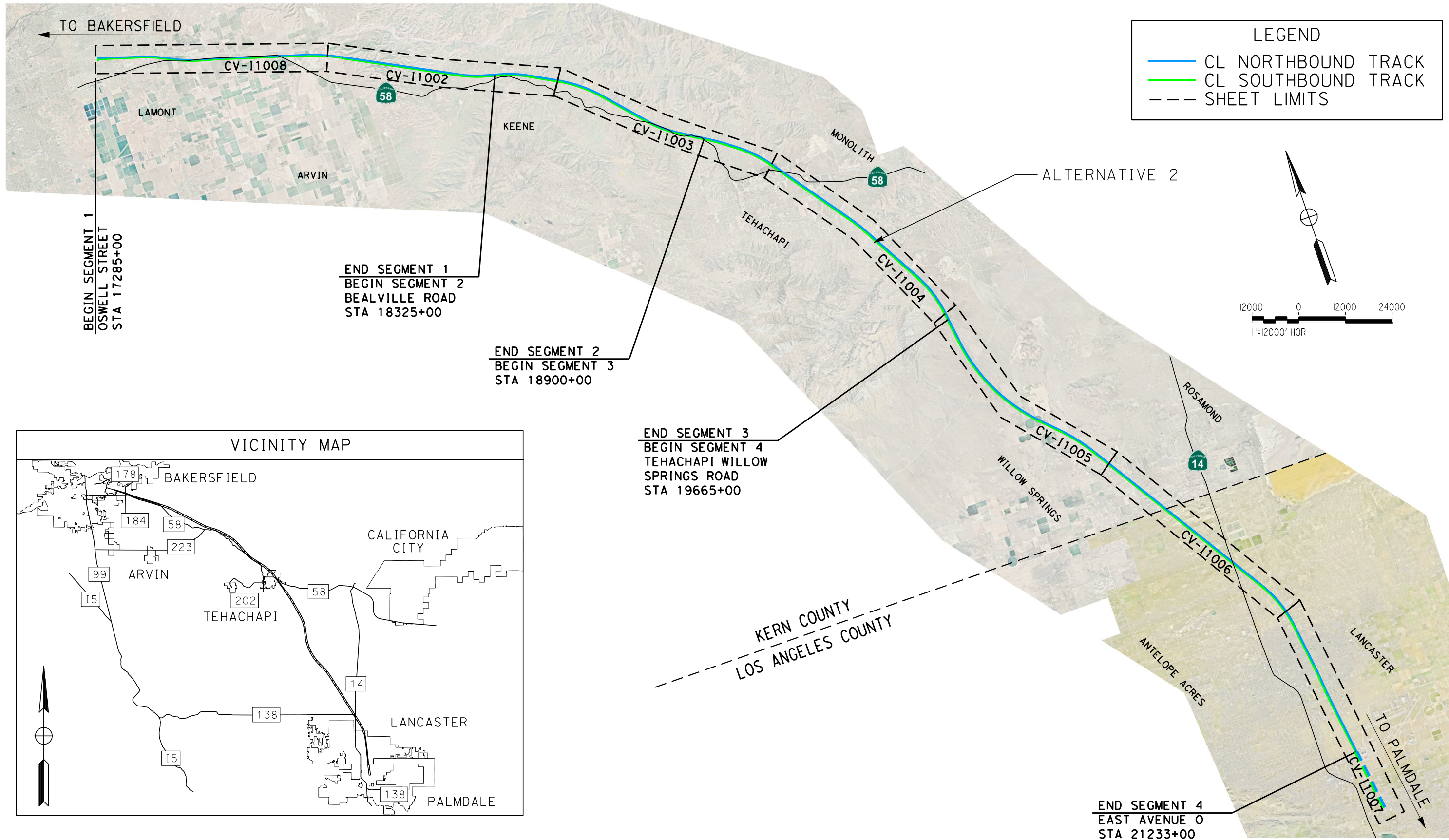
ALTERNATIVE 1
KEY MAP

CONTRACT NO.
HSR13-44

DRAWING NO.
CV-C0004

SCALE
AS SHOWN

SHEET NO.
747



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J. TURRELL
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J. TURRELL
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G. CAMPBELL
 IN CHARGE
G. CAMPBELL
 DATE
01/29/2021

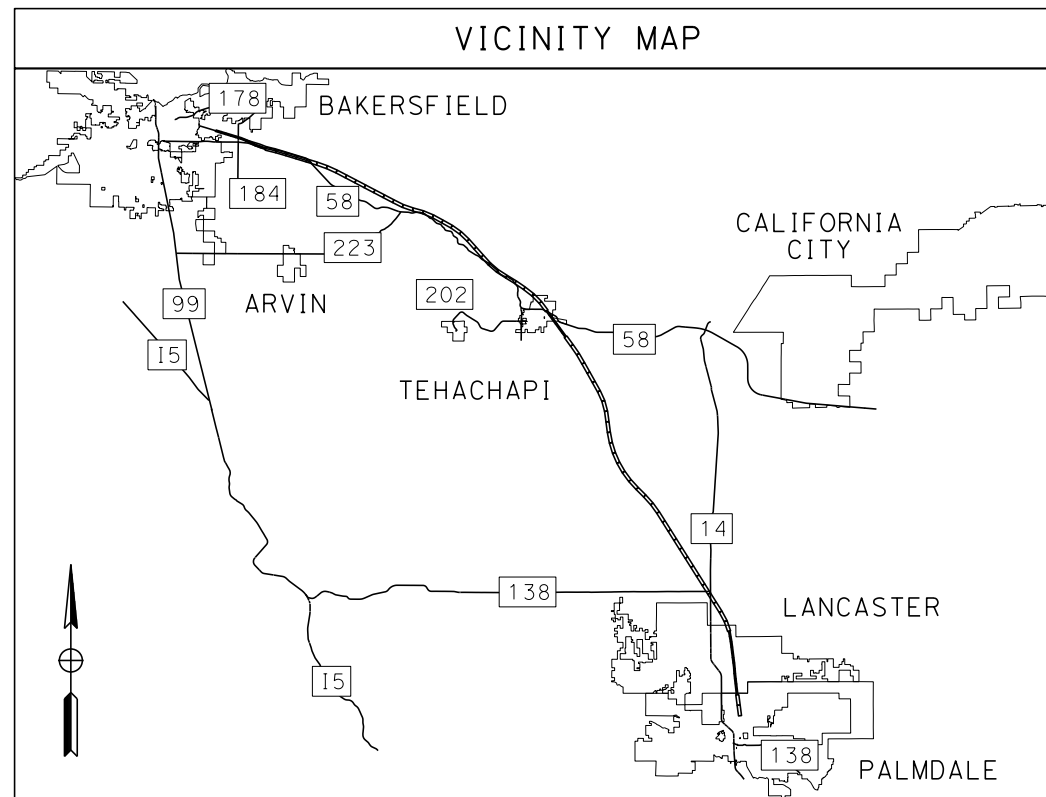
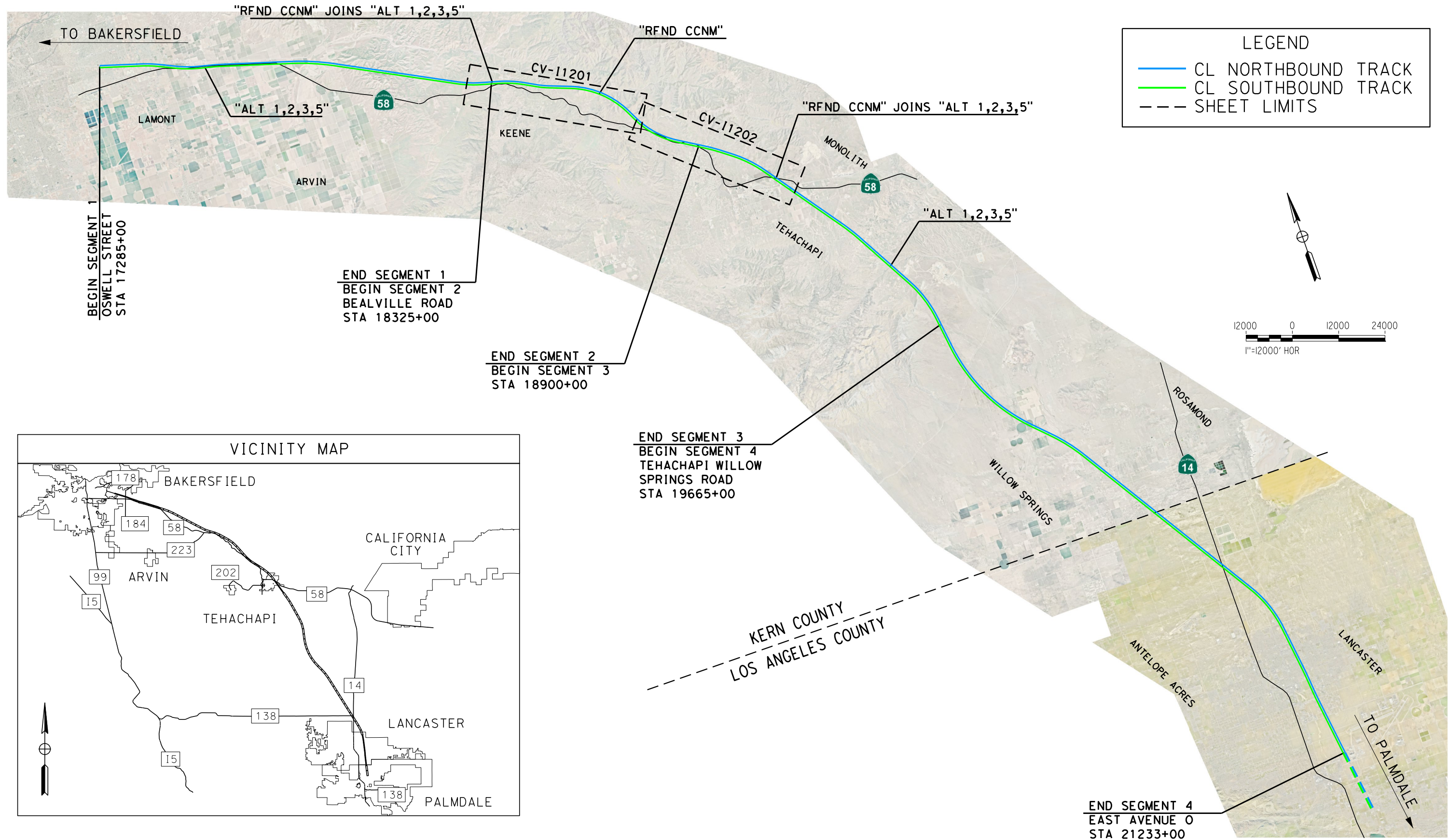
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CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
 ALTERNATIVE 2
 KEY MAP

CONTRACT NO.
 HSR13-44
 DRAWING NO.
 CV-C0005
 SCALE
 AS SHOWN
 SHEET NO.
 748



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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J. TURRELL
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B. MOZAFFARIAN
 CHECKED BY
G. CAMPBELL
 IN CHARGE
G. CAMPBELL
 DATE
01/29/2021

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CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
 REFINED CCNM DESIGN OPTION
 CONSTRUCTION SEQUENCING GENERAL
 KEY MAP

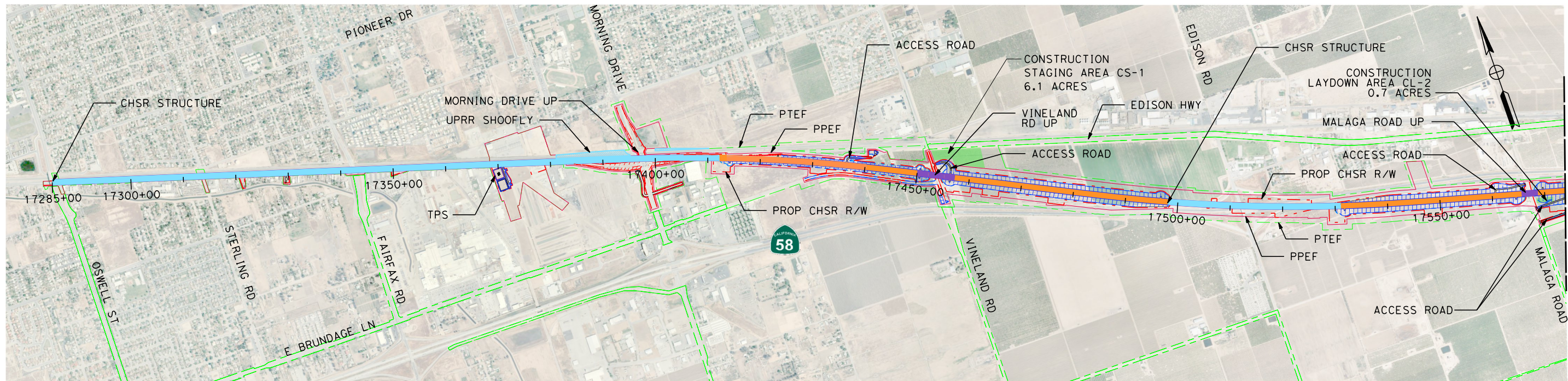
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HSR13-44
 DRAWING NO.
CV-10102
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 SHEET NO.
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SEGMENT 1

PHASE 1
"ALL PHASING AT CONTRACTOR'S DISCRETION"

PHASE 2

PHASE 3



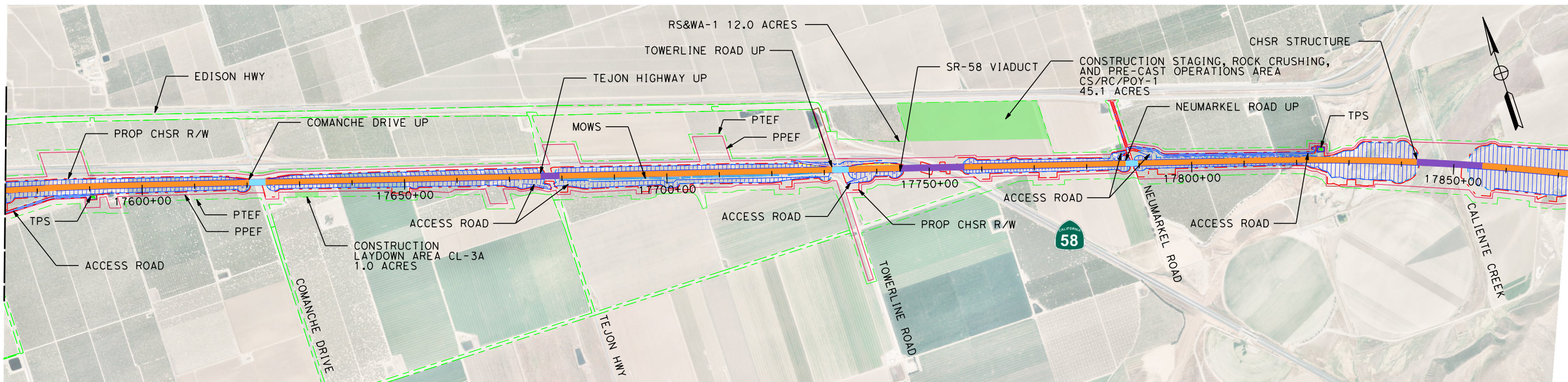
MATCH LINE
SEE BELOW LEFT

SEGMENT 1

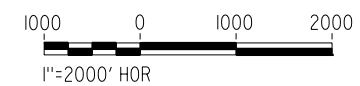
PHASE 1
"ALL PHASING AT CONTRACTOR'S DISCRETION"

PHASE 2

PHASE 3



MATCH LINE
SEE ABOVE RIGHT



1/29/2021 12:42:57 AM

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G. CAMPBELL
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**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
ALTERNATIVE 2
CONSTRUCTION SEQUENCING
SHEET 8 OF 11

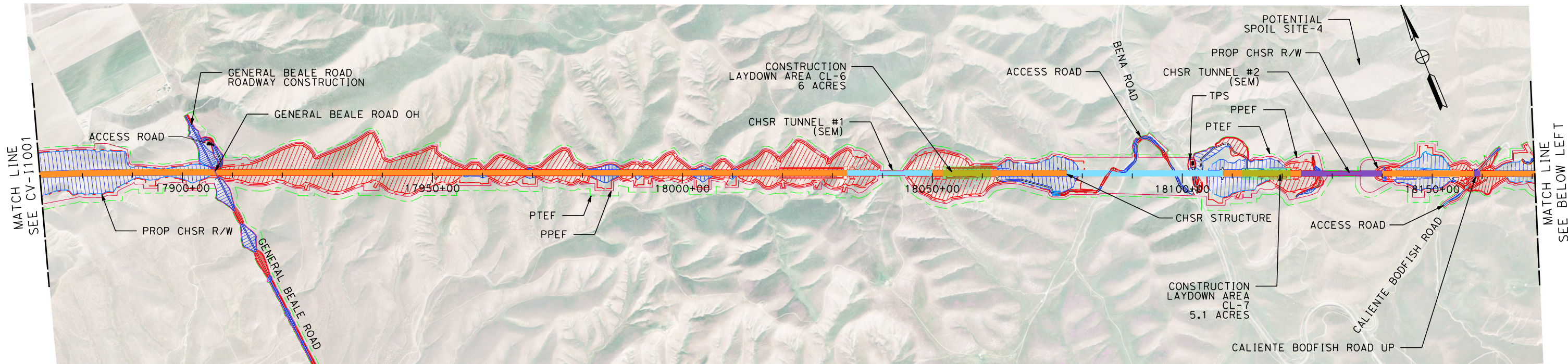
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HSR13-44
DRAWING NO.
CV-11008
SCALE
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SHEET NO.
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SEGMENT 1

PHASE 1
"ALL PHASING AT CONTRACTOR'S DISCRETION"

PHASE 2

PHASE 3

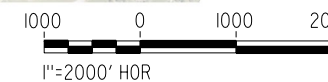
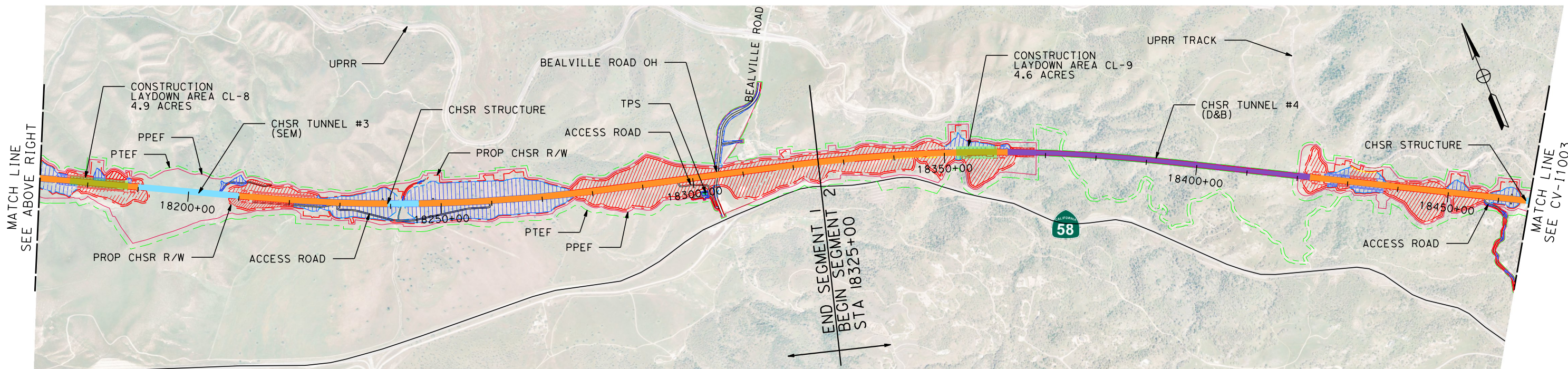


SEGMENT 1/2

PHASE 1
"ALL PHASING AT CONTRACTOR'S DISCRETION"

PHASE 2

PHASE 3



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G. CAMPBELL
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G. CAMPBELL
DATE
01/29/2021

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TYLIN INTERNATIONAL



**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
ALTERNATIVE 1
CONSTRUCTION SEQUENCING
SHEET 2 OF 11

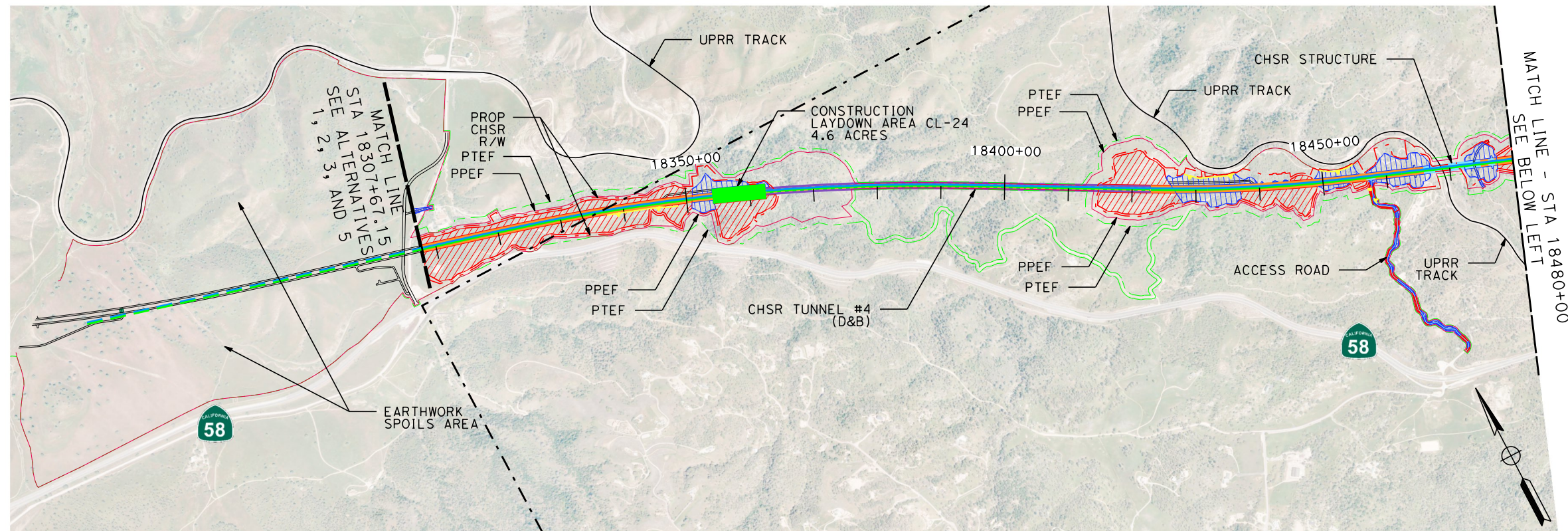
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DRAWING NO.
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751

SEGMENT 2

PHASE 1
"ALL PHASING AT CONTRACTOR'S DISCRETION"

PHASE 2

PHASE 3

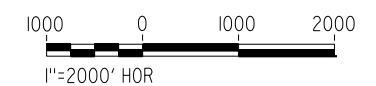
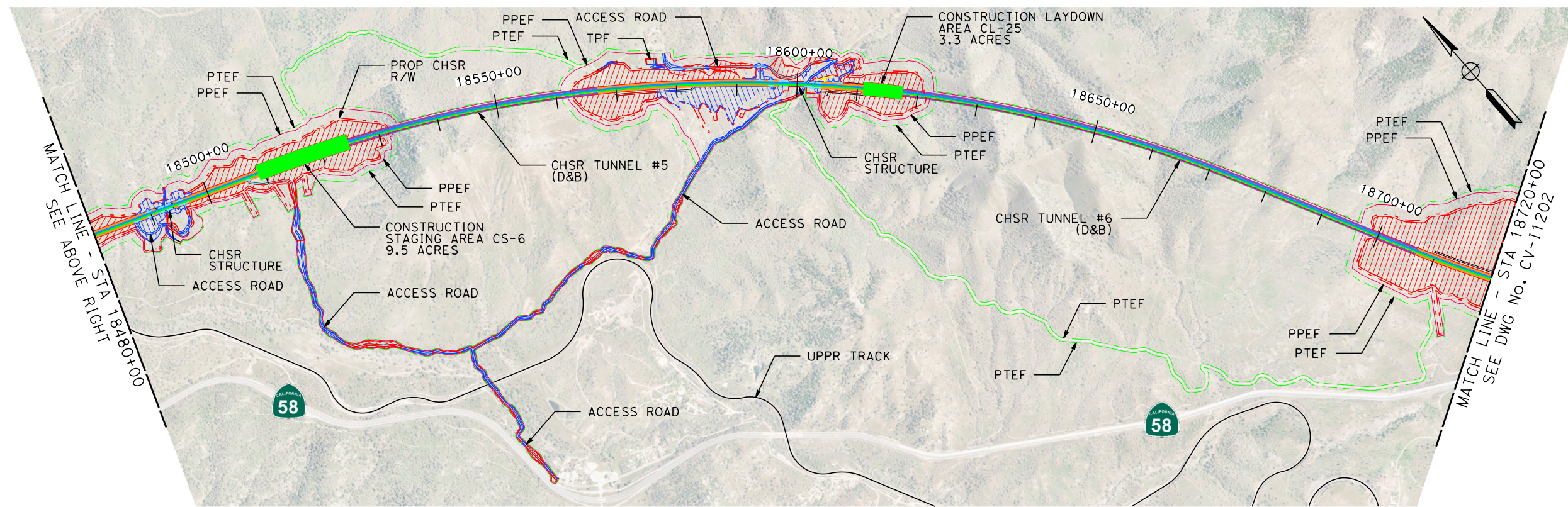


SEGMENT 2

PHASE 1
"ALL PHASING AT CONTRACTOR'S DISCRETION"

PHASE 2

PHASE 3



\$USER: 1/27/2021 9:56:40 PM \$PLTDRVS: \$FILE: \$PENTBLS:

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J. TURRELL
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B. MOZAFFARIAN
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G. CAMPBELL
 IN CHARGE
G. CAMPBELL
 DATE
01/29/2021

RECORD SET
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CONSTRUCTION



CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
 REFINED CCNM DESIGN OPTION
 CONSTRUCTION SEQUENCING
 SHEET 1 OF 2

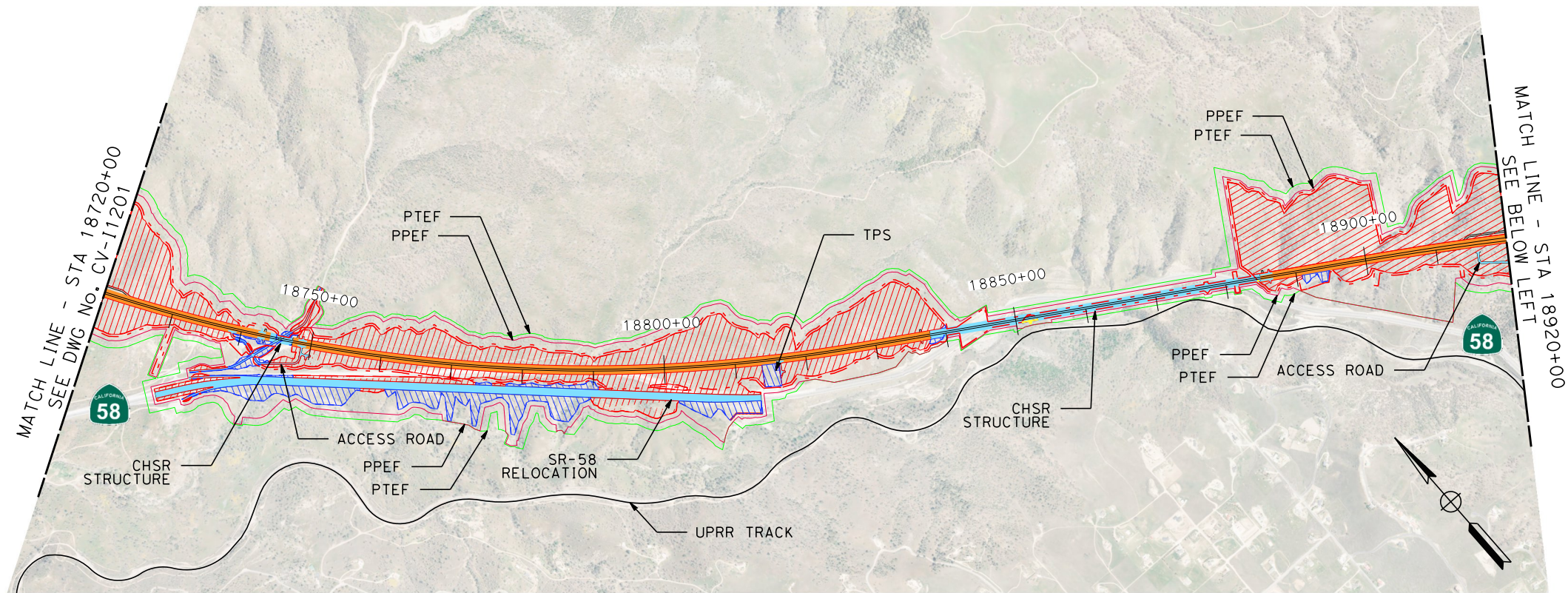
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HSR13-44
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SEGMENT 2

PHASE 1
"ALL PHASING AT CONTRACTOR'S DISCRETION"

PHASE 2

PHASE 3

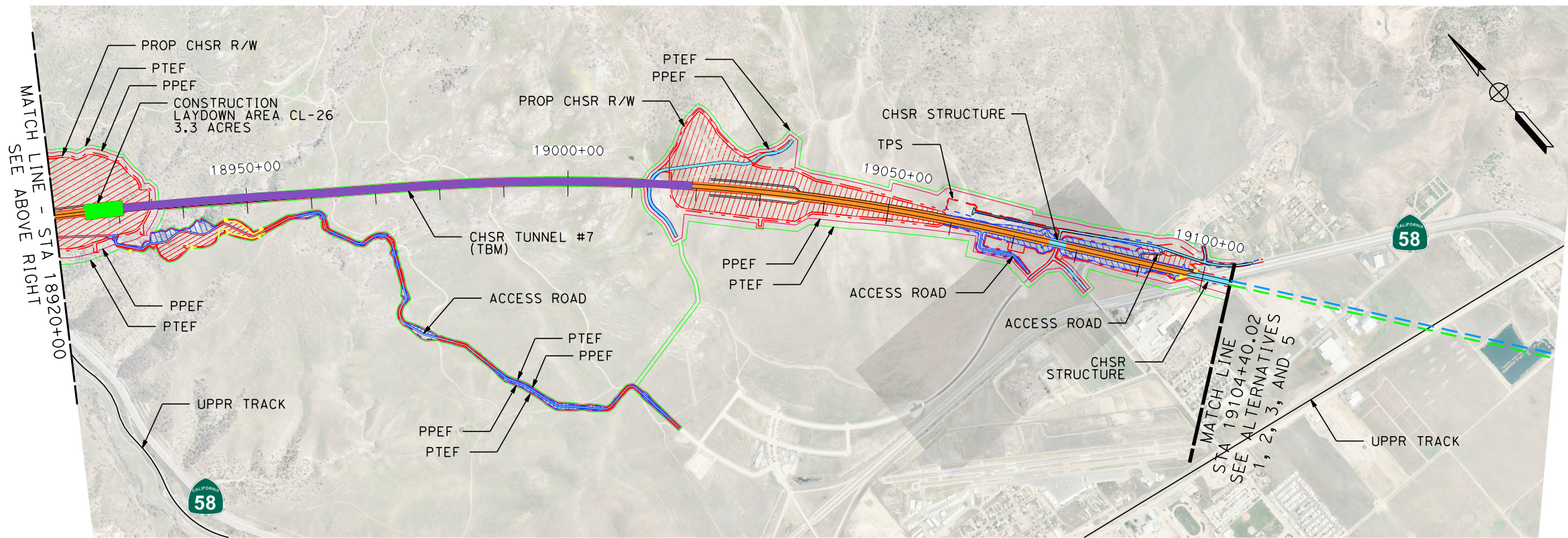


SEGMENT 2

PHASE 1
"ALL PHASING AT CONTRACTOR'S DISCRETION"

PHASE 2

PHASE 3



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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J. TURRELL
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B. MOZAFFARIAN
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G. CAMPBELL
 IN CHARGE
G. CAMPBELL
 DATE
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RECORD SET
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CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
 REFINED CCNM DESIGN OPTION
 CONSTRUCTION SEQUENCING
 SHEET 2 OF 2

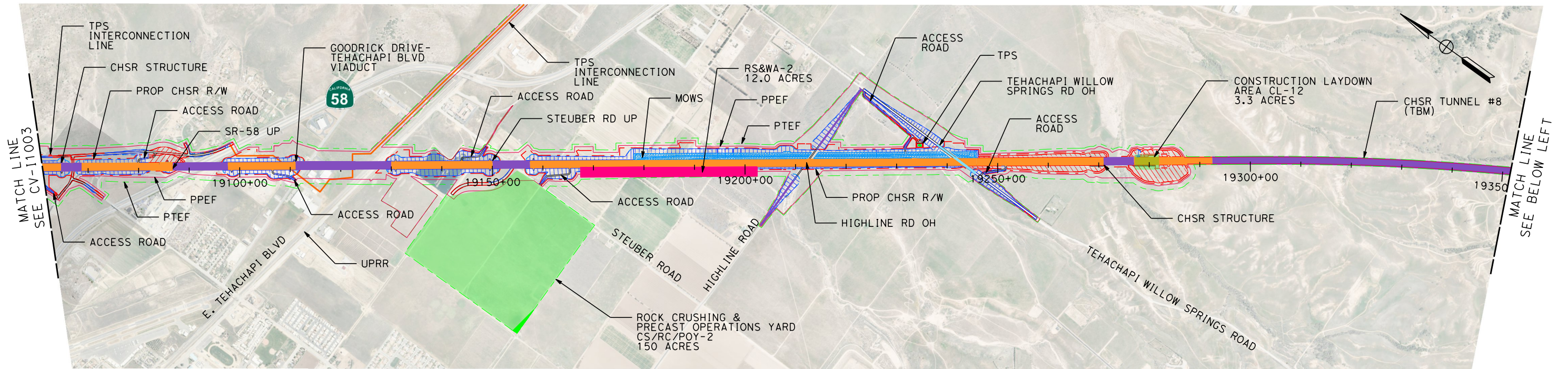
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753

SEGMENT 3

PHASE 1
"ALL PHASING AT CONTRACTOR'S DISCRETION"

PHASE 2

PHASE 3

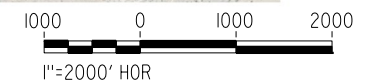
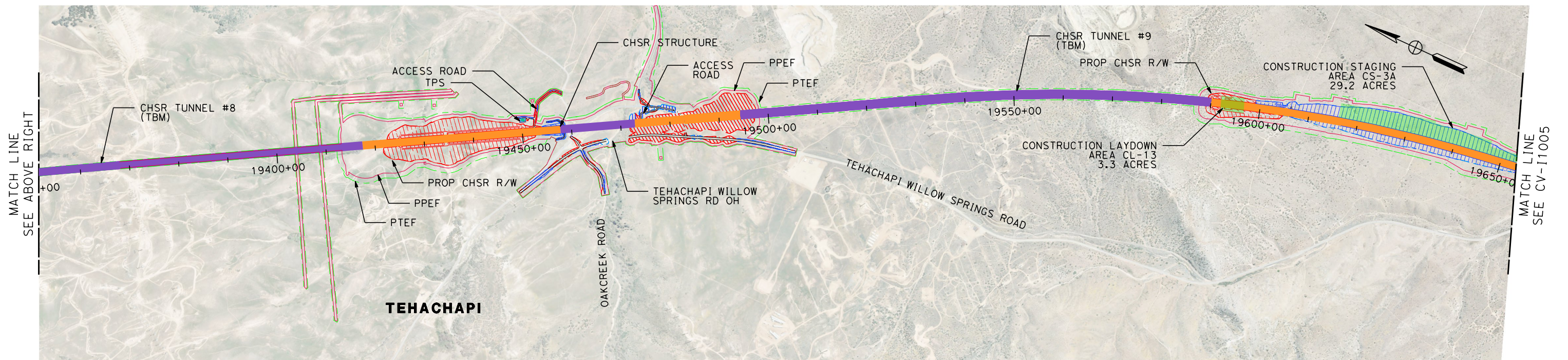


SEGMENT 3

PHASE 1
"ALL PHASING AT CONTRACTOR'S DISCRETION"

PHASE 2

PHASE 3



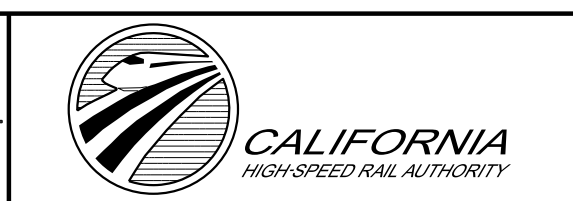
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DESIGNED BY
J. TURRELL
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J. TURRELL
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G. CAMPBELL
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

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CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 1
CONSTRUCTION SEQUENCING
SHEET 4 OF 11

CONTRACT NO.
HSR13-44
DRAWING NO.
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SCALE
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754

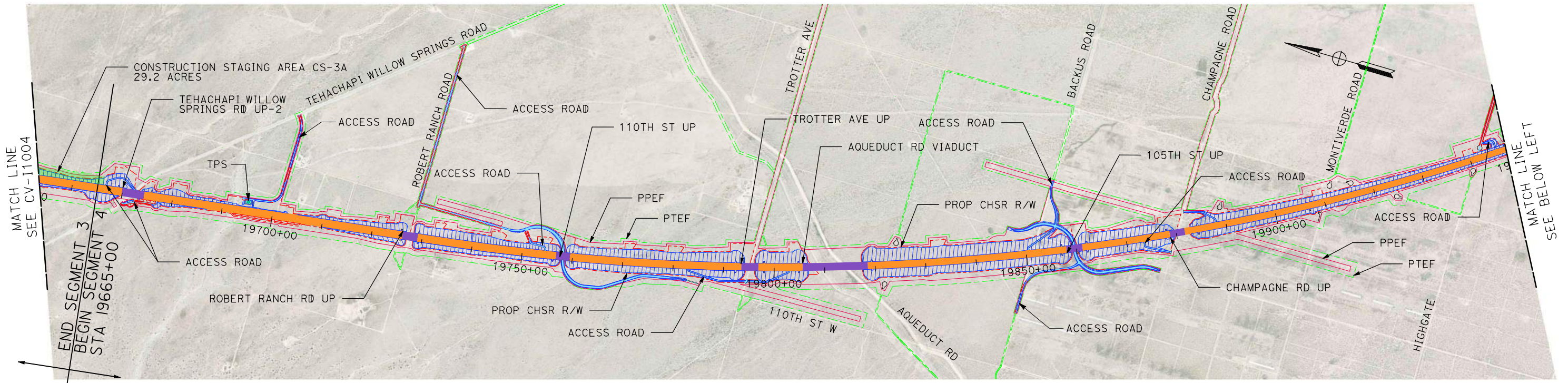
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PHASE 1

PHASE 2

PHASE 3

"ALL PHASING AT CONTRACTOR'S DISCRETION"



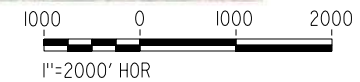
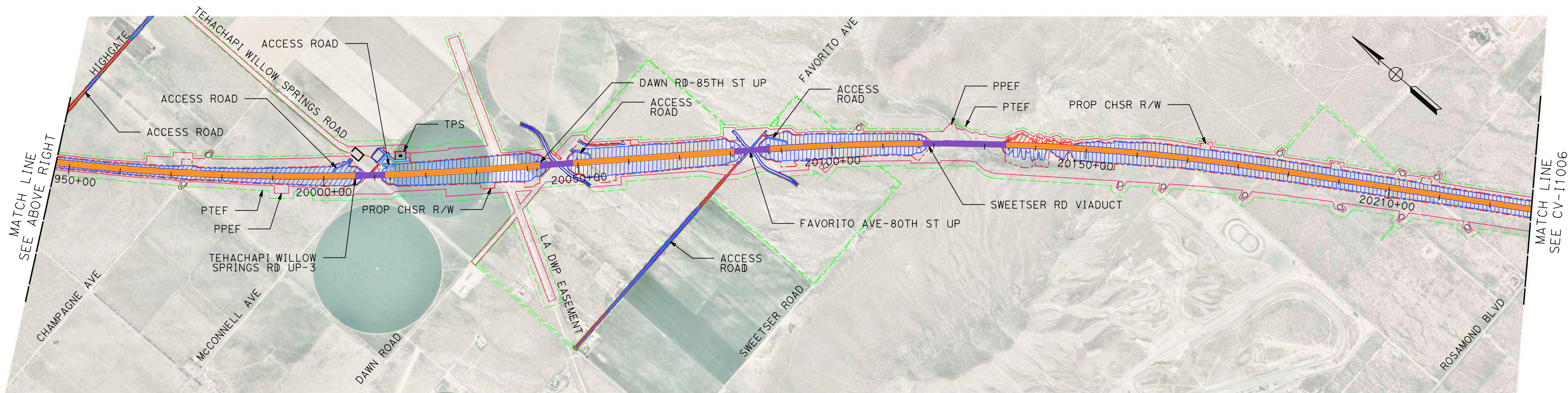
SEGMENT 4

PHASE 1

PHASE 2

PHASE 3

"ALL PHASING AT CONTRACTOR'S DISCRETION"



1/29/2021 2:33:11 PM
 jmeredith
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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J. TURRELL
 DRAWN BY
J. TURRELL
 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
 CONSTRUCTION SEQUENCING
 SHEET 5 OF 11

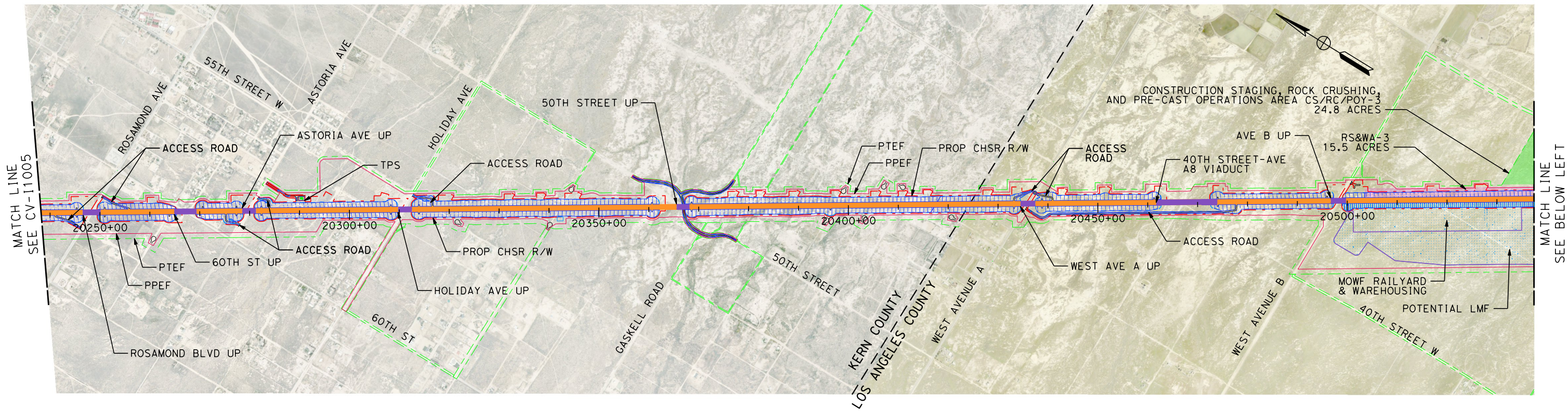
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 DRAWING NO.
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SEGMENT 4

PHASE I
"ALL PHASING AT CONTRACTOR'S DISCRETION"

PHASE 2

PHASE 3

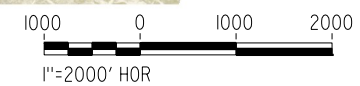
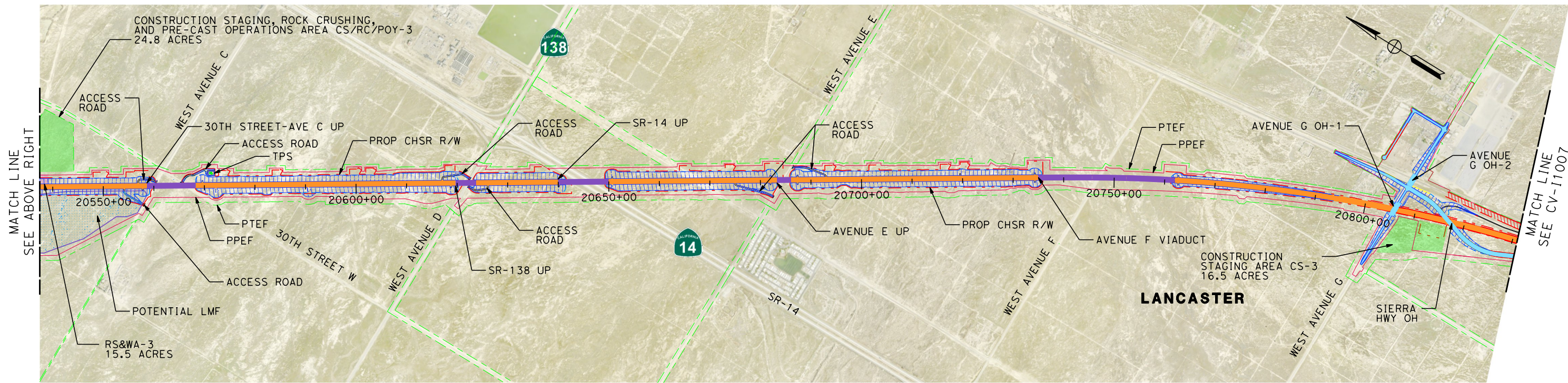


SEGMENT 4

PHASE I
"ALL PHASING AT CONTRACTOR'S DISCRETION"

PHASE 2

PHASE 3



1/29/2021 12:39:33 AM

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J. TURRELL
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J. TURRELL
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IN CHARGE
G. CAMPBELL
DATE
01/29/2021

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CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 1
CONSTRUCTION SEQUENCING
SHEET 6 OF 11

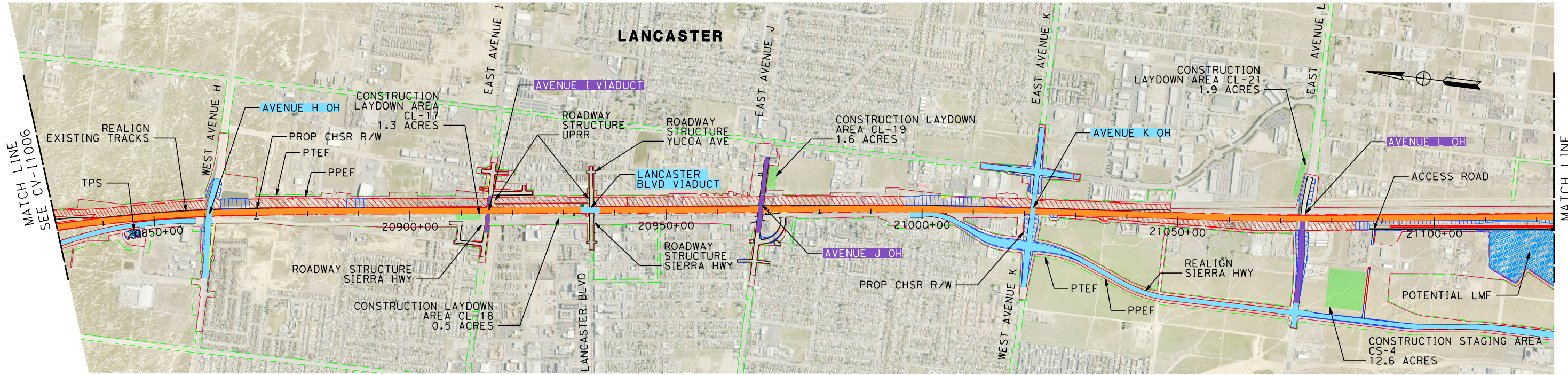
CONTRACT NO.
HSR13-44
DRAWING NO.
CV-11006
SCALE
AS SHOWN
SHEET NO.
756

SEGMENT 4

- PHASE 1**
1. CONSTRUCT AVENUE H OH
 2. CONSTRUCT LANCASTER BLVD GRADE SEPARATION
 3. CONSTRUCT AVENUE K OH

- PHASE 2**
1. CONSTRUCT AVENUE I GRADE SEPARATION
 2. CONSTRUCT AVENUE J OH
 3. CONSTRUCT AVENUE L OH

- PHASE 3**
- "ALL OTHER WORK SCHEDULED AT CONTRACTOR'S DISCRETION"

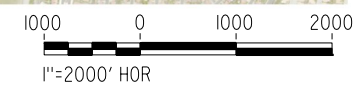


SEGMENT 4

- PHASE 1**
1. CONSTRUCT AVENUE M OH

- PHASE 2**

- PHASE 3**
- "ALL OTHER WORK SCHEDULED AT CONTRACTOR'S DISCRETION"



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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J. TURRELL

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J. TURRELL

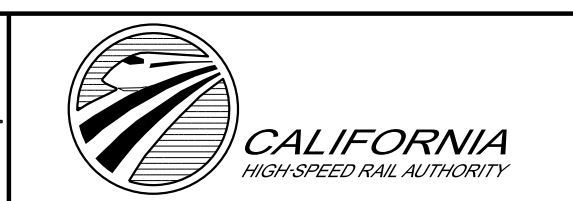
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G. CAMPBELL

IN CHARGE
G. CAMPBELL

DATE
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CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE

ALTERNATIVE 1
CONSTRUCTION SEQUENCING
SHEET 7 OF 11

CONTRACT NO.
HSR13-44

DRAWING NO.
CV-11007

SCALE
AS SHOWN

SHEET NO.
757