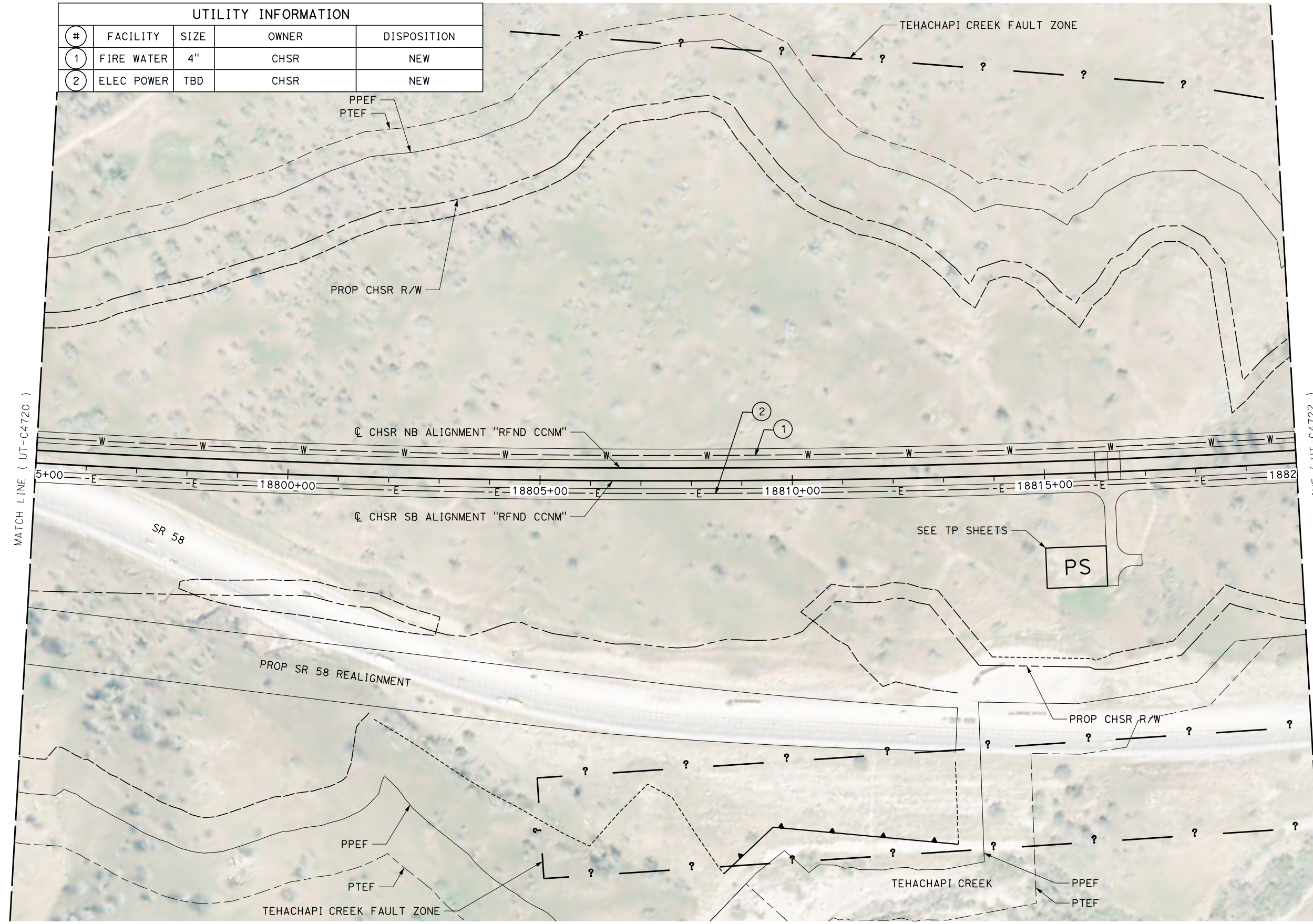


UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	FIRE WATER	4"	CHSR	NEW
2	ELEC POWER	TBD	CHSR	NEW



Projects\701206_00_CHSRBP\00_CADD\CCNM Option D\Sheets\UT\BP-UT-C4721

6:35:55 AM

1/20/2021

jcs_user_17609

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
DRAWN BY
J. LOPEZ
CHECKED BY
G. CAMPBELL
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

**RECORD SET
PEPD
SUBMITTAL**

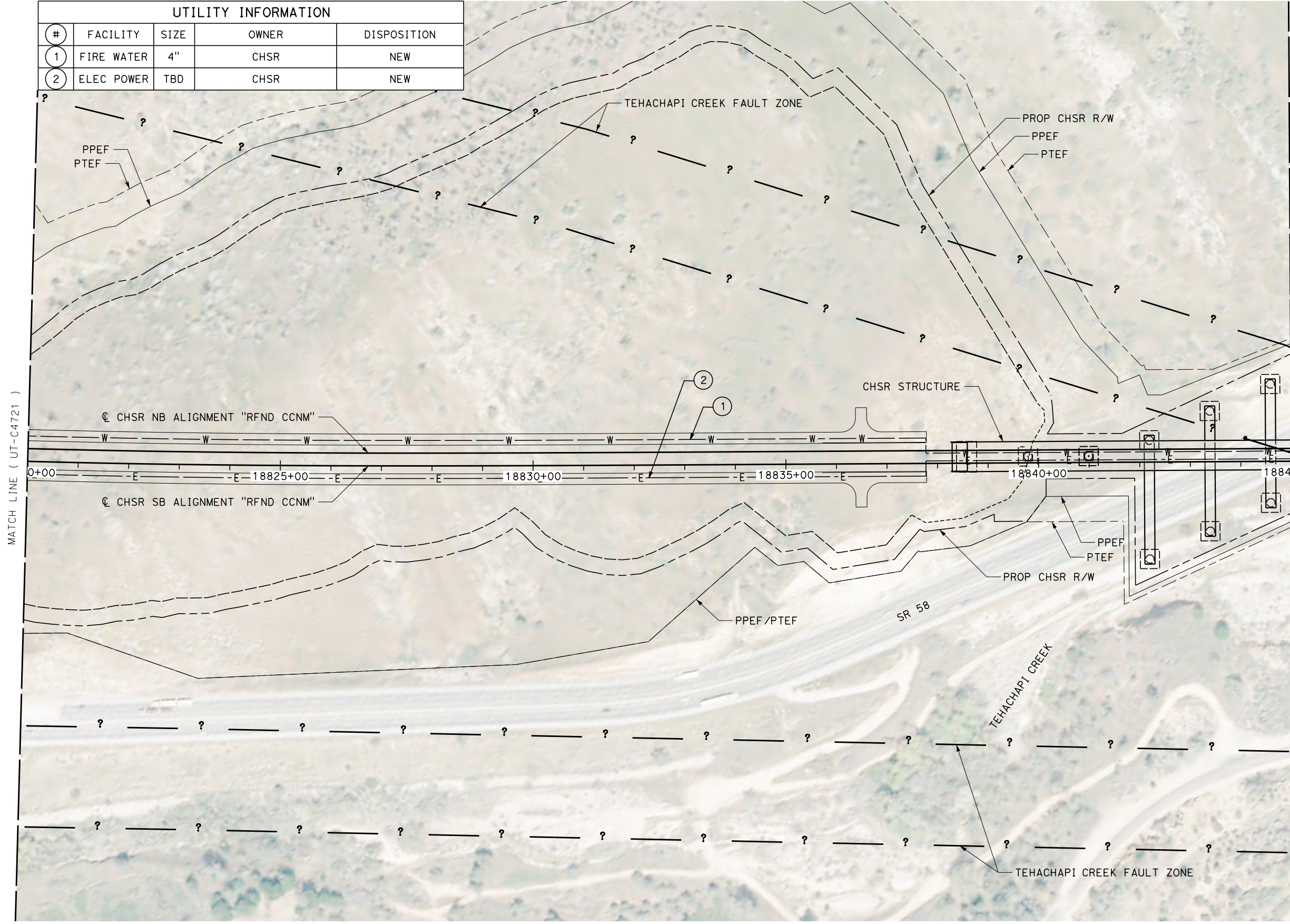
**NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
REFINED CCNM DESIGN OPTION
COMPOSITE UTILITY PLAN
STA 18795+00 TO 18820+00
PLAN

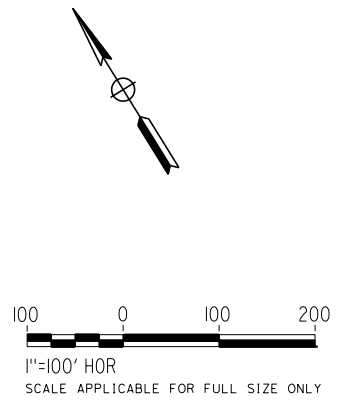
CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4721
SCALE
AS SHOWN
SHEET NO.
1182

UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	FIRE WATER	4"	CHSR	NEW
2	ELEC POWER	TBD	CHSR	NEW



MATCH LINE (UT-C4721)

MATCH LINE (UT-C4723)



Projects\701206_00_CHSRBP\00_CADD\CCNM Option D\Sheets\UT\BP-UT-C4722

6:37:03 AM

1/20/2021

ics_user_17609

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN

DRAWN BY
J. LOPEZ

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

REFINED CCNM DESIGN OPTION
COMPOSITE UTILITY PLAN
STA 18820+00 TO 18845+00
PLAN

CONTRACT NO.
HSR13-44

DRAWING NO.
UT-C4722

SCALE
AS SHOWN

SHEET NO.
1183

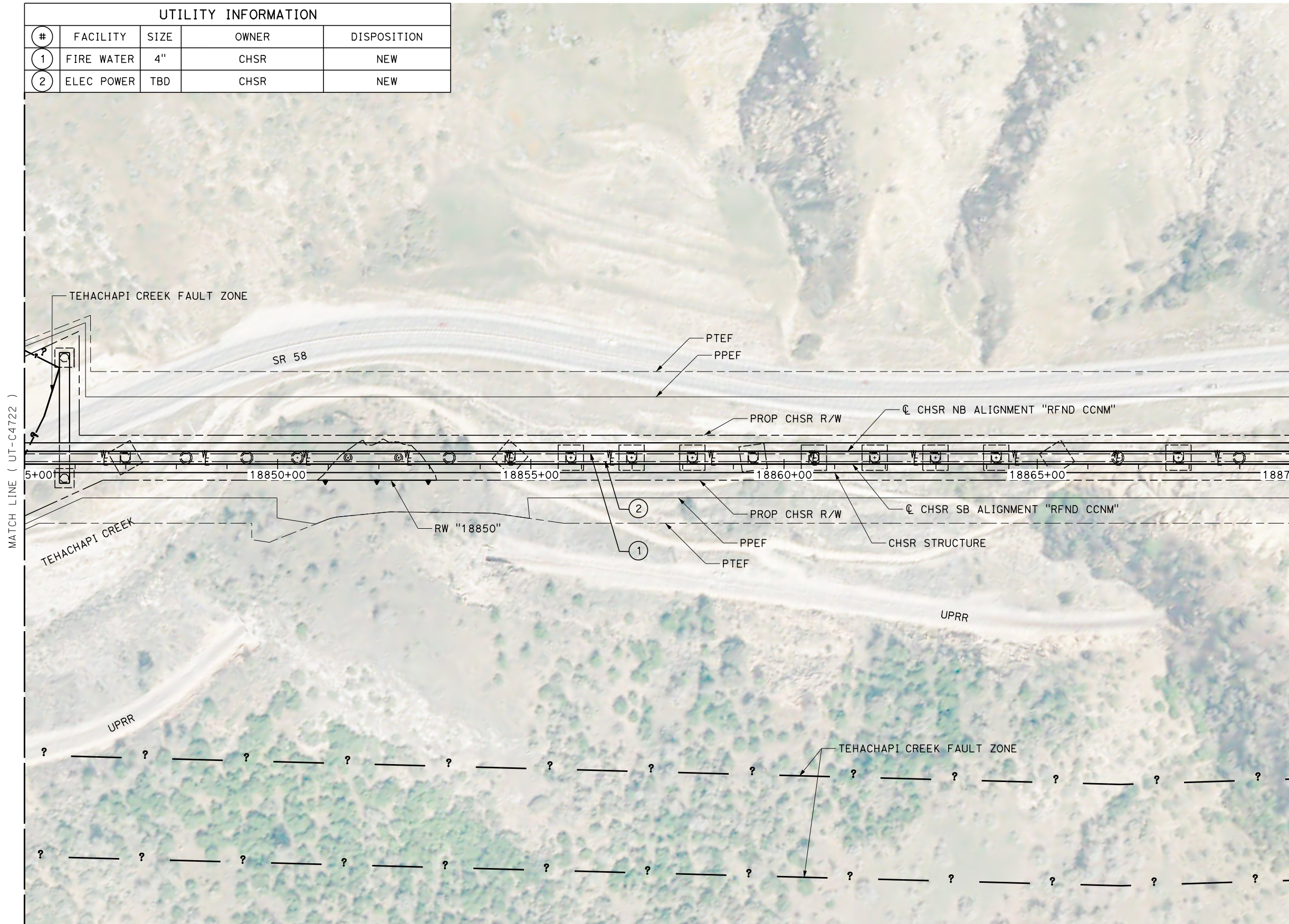
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1/20/2021

jcs_user_17609

UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	FIRE WATER	4"	CHSR	NEW
2	ELEC POWER	TBD	CHSR	NEW



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
DRAWN BY
J. LOPEZ
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**

REFINED CCNM DESIGN OPTION
COMPOSITE UTILITY PLAN
STA 18845+00 TO 18870+00
PLAN

CONTRACT NO.
HSR13-44

DRAWING NO.
UT-C4723

SCALE
AS SHOWN

SHEET NO.
1184

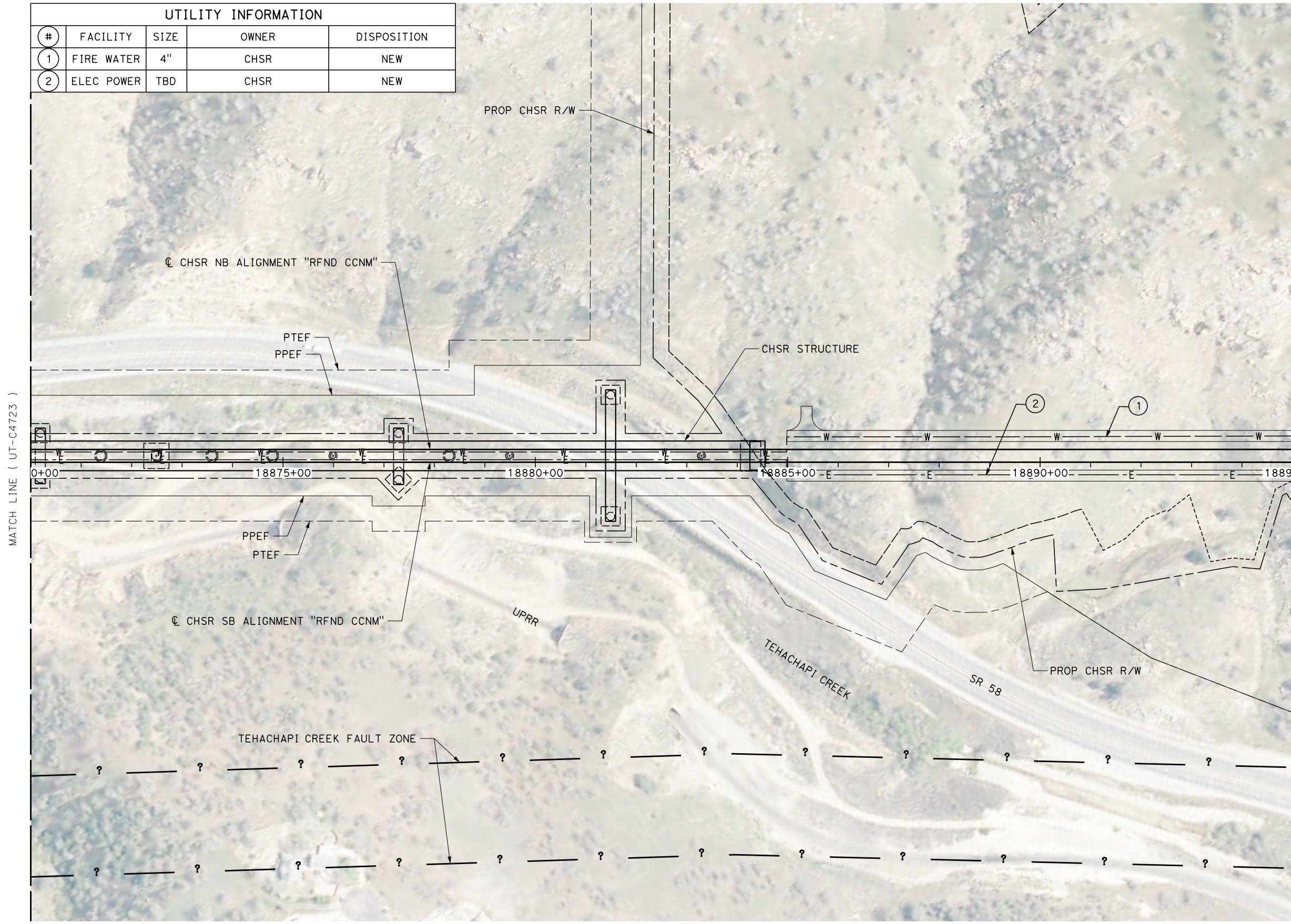
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1/20/2021

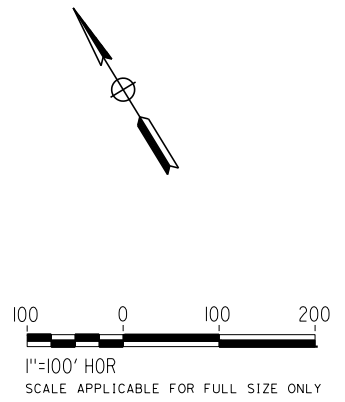
ics_user_17609

UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	FIRE WATER	4"	CHSR	NEW
2	ELEC POWER	TBD	CHSR	NEW



MATCH LINE (UT-C4725)

MATCH LINE (UT-C4723)



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
DRAWN BY
J. LOPEZ
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**
REFINED CCNM DESIGN OPTION
COMPOSITE UTILITY PLAN
STA 18870+00 TO 18895+00
PLAN

CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4724
SCALE
AS SHOWN
SHEET NO.
1185

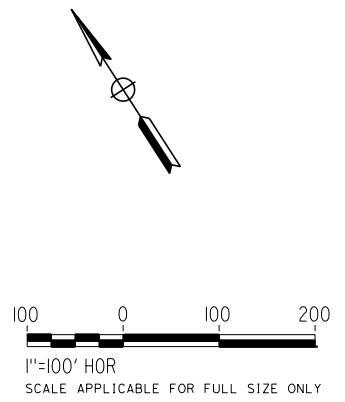
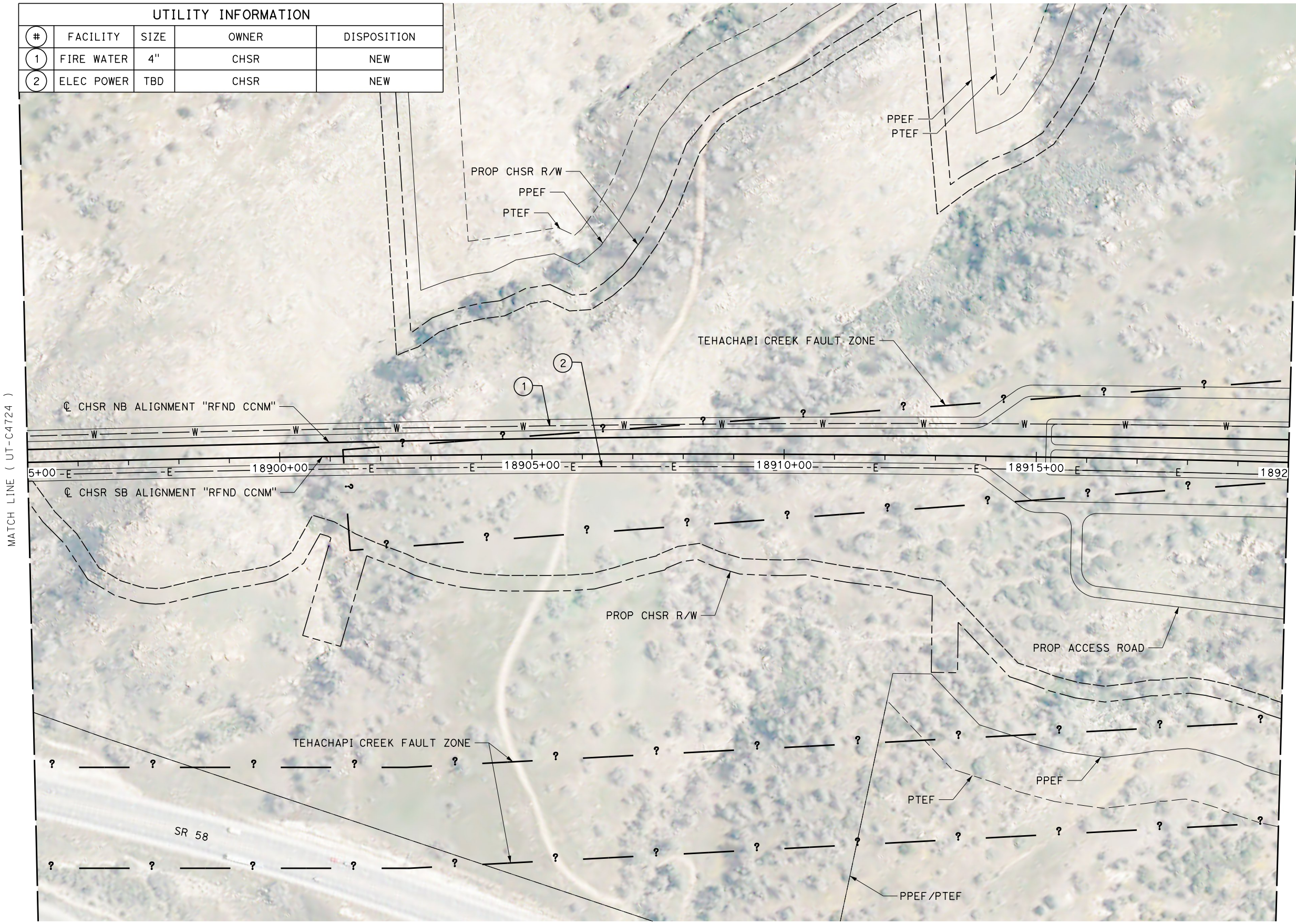
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6:36:26 AM

1/20/2021

ics_user_17609

UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	FIRE WATER	4"	CHSR	NEW
2	ELEC POWER	TBD	CHSR	NEW



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
DRAWN BY
J. LOPEZ
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**

REFINED CCNM DESIGN OPTION
COMPOSITE UTILITY PLAN
STA 18895+00 TO 18920+00
PLAN

CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4725
SCALE
AS SHOWN
SHEET NO.
1186

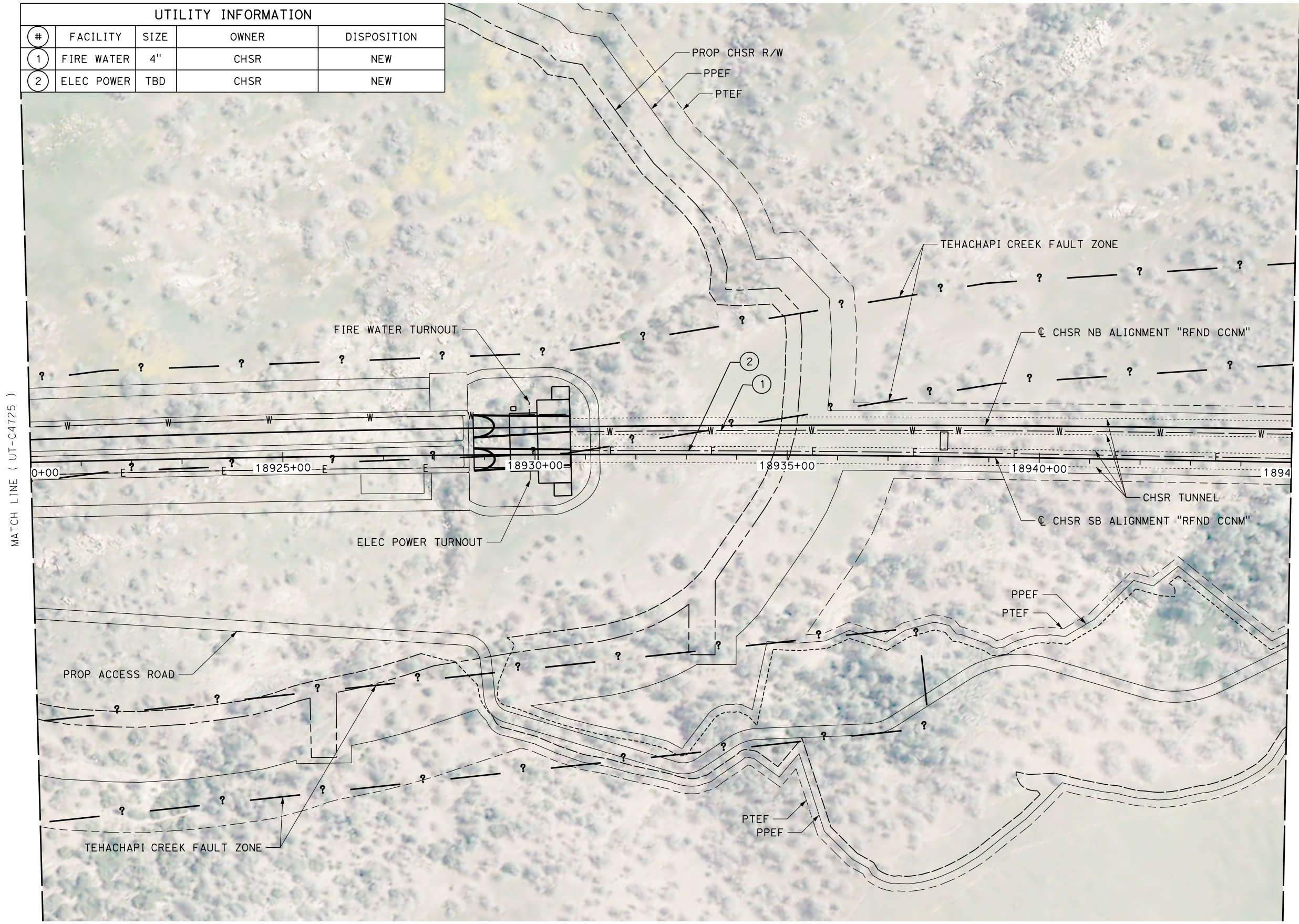
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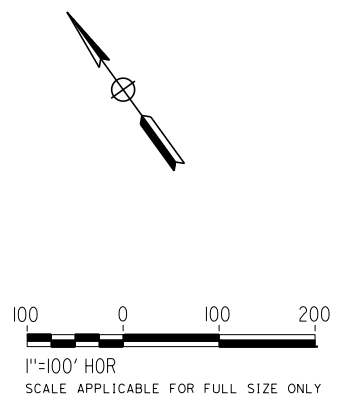
1/20/2021

jcs_user_17609

UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	FIRE WATER	4"	CHSR	NEW
2	ELEC POWER	TBD	CHSR	NEW



MATCH LINE (UT-C4727)



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
DRAWN BY
J. LOPEZ
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
REFINED CCNM DESIGN OPTION
COMPOSITE UTILITY PLAN
STA 18920+00 TO 18945+00
PLAN

CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4726
SCALE
AS SHOWN
SHEET NO.
1187

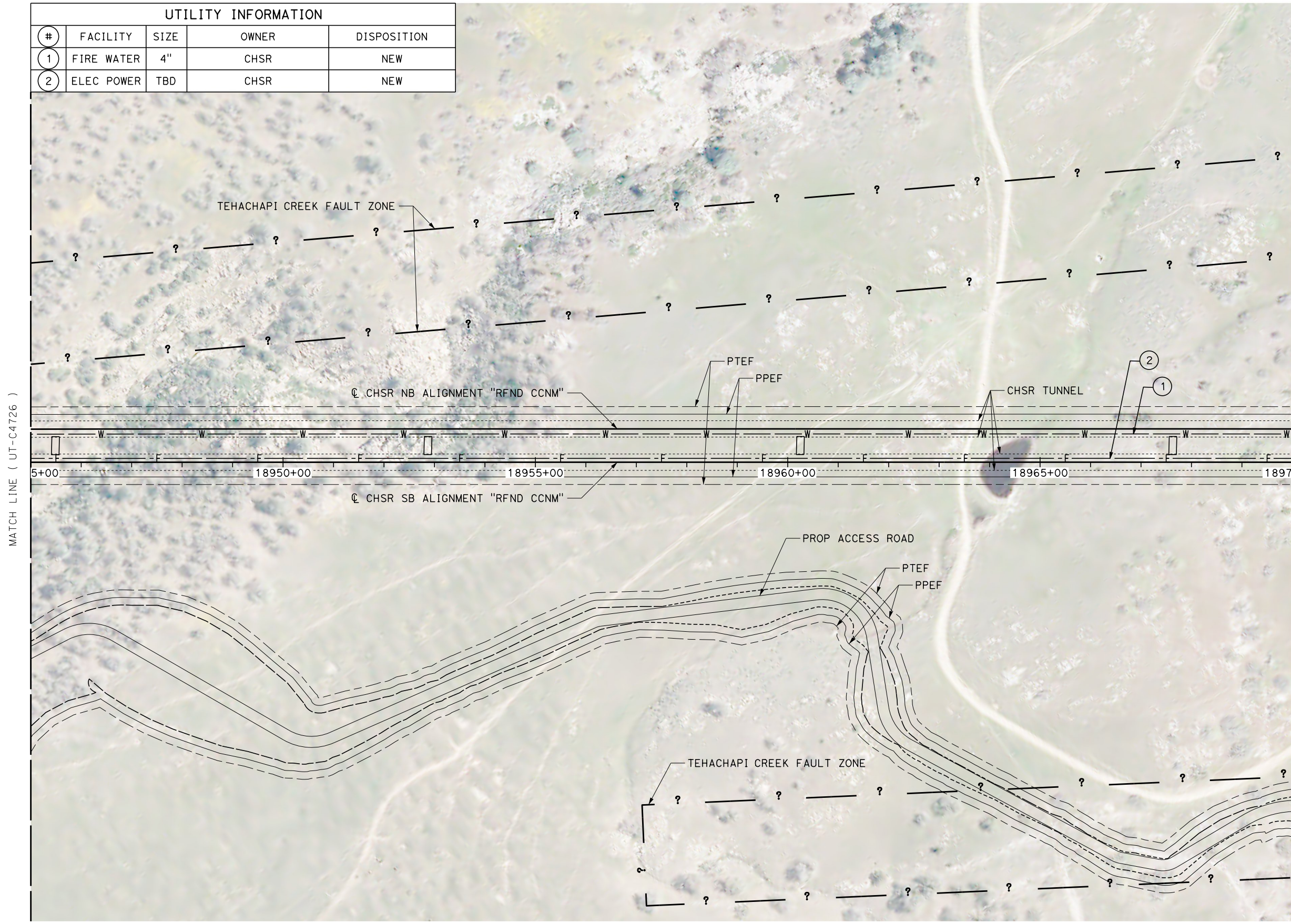
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1/20/2021

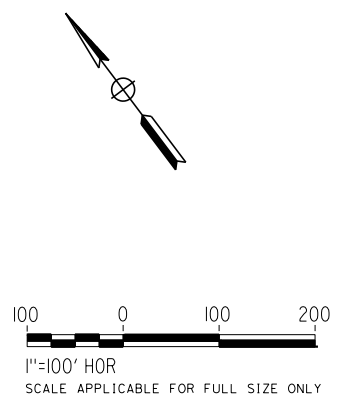
ics_user_17609

UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	FIRE WATER	4"	CHSR	NEW
2	ELEC POWER	TBD	CHSR	NEW



MATCH LINE (UT-C4728)

MATCH LINE (UT-C4726)



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN

DRAWN BY
J. LOPEZ

CHECKED BY
G. CAMPBELL

IN CHARGE
G. CAMPBELL

DATE
01/29/2021

RECORD SET
PEPD
SUBMITTAL

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CONSTRUCTION



CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
REFINED CCNM DESIGN OPTION
COMPOSITE UTILITY PLAN
STA 18945+00 TO 18970+00
PLAN

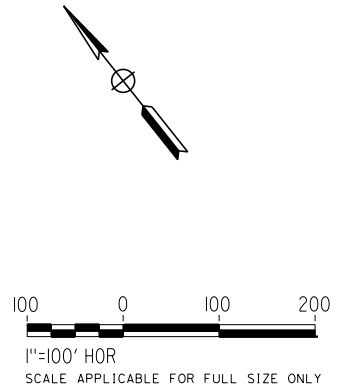
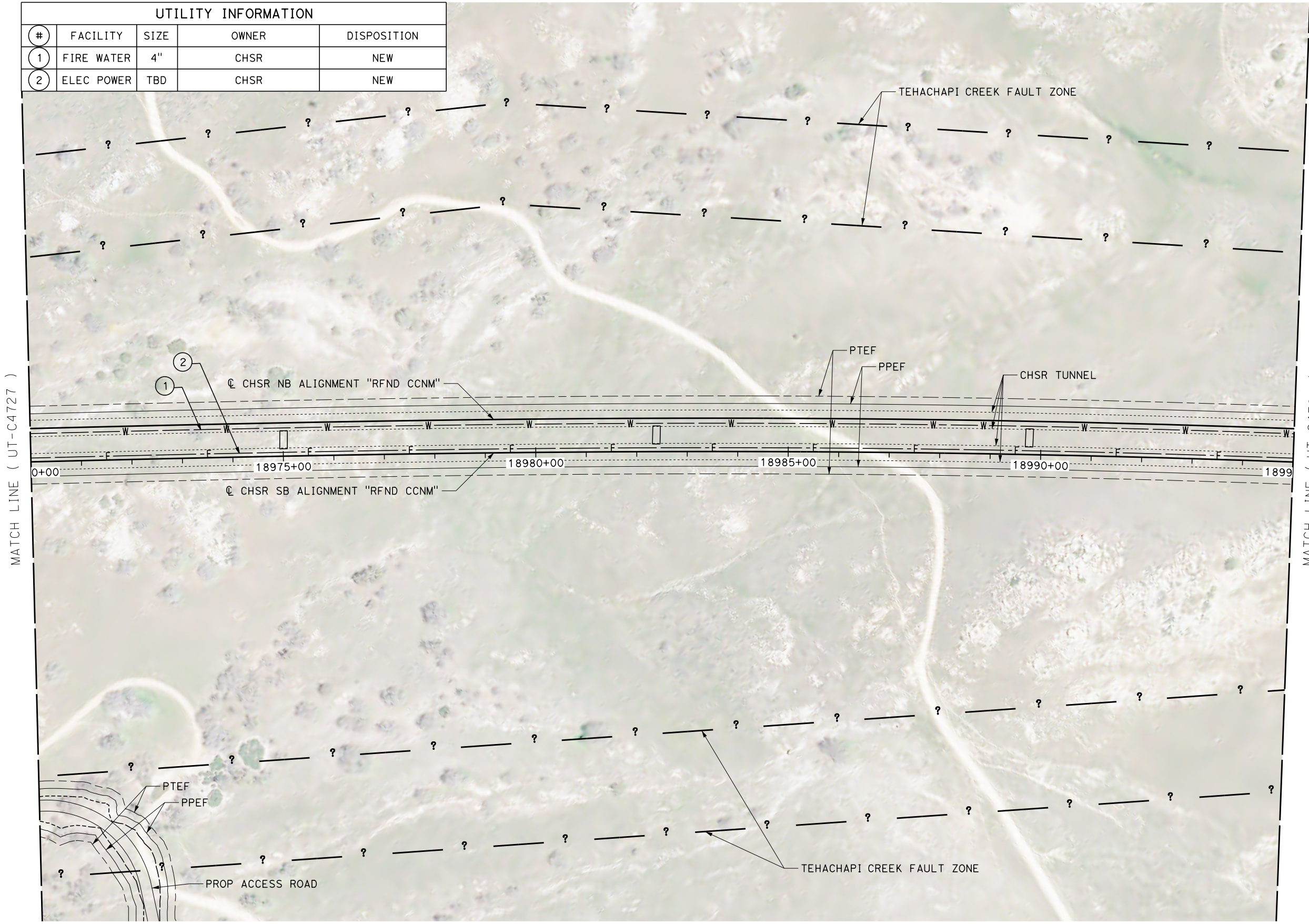
CONTRACT NO.
HSR13-44

DRAWING NO.
UT-C4727

SCALE
AS SHOWN

SHEET NO.
1188

UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	FIRE WATER	4"	CHSR	NEW
2	ELEC POWER	TBD	CHSR	NEW



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
DRAWN BY
J. LOPEZ
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
REFINED CCNM DESIGN OPTION
COMPOSITE UTILITY PLAN
STA 18970+00 TO 18995+00
PLAN

CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4728
SCALE
AS SHOWN
SHEET NO.
1189

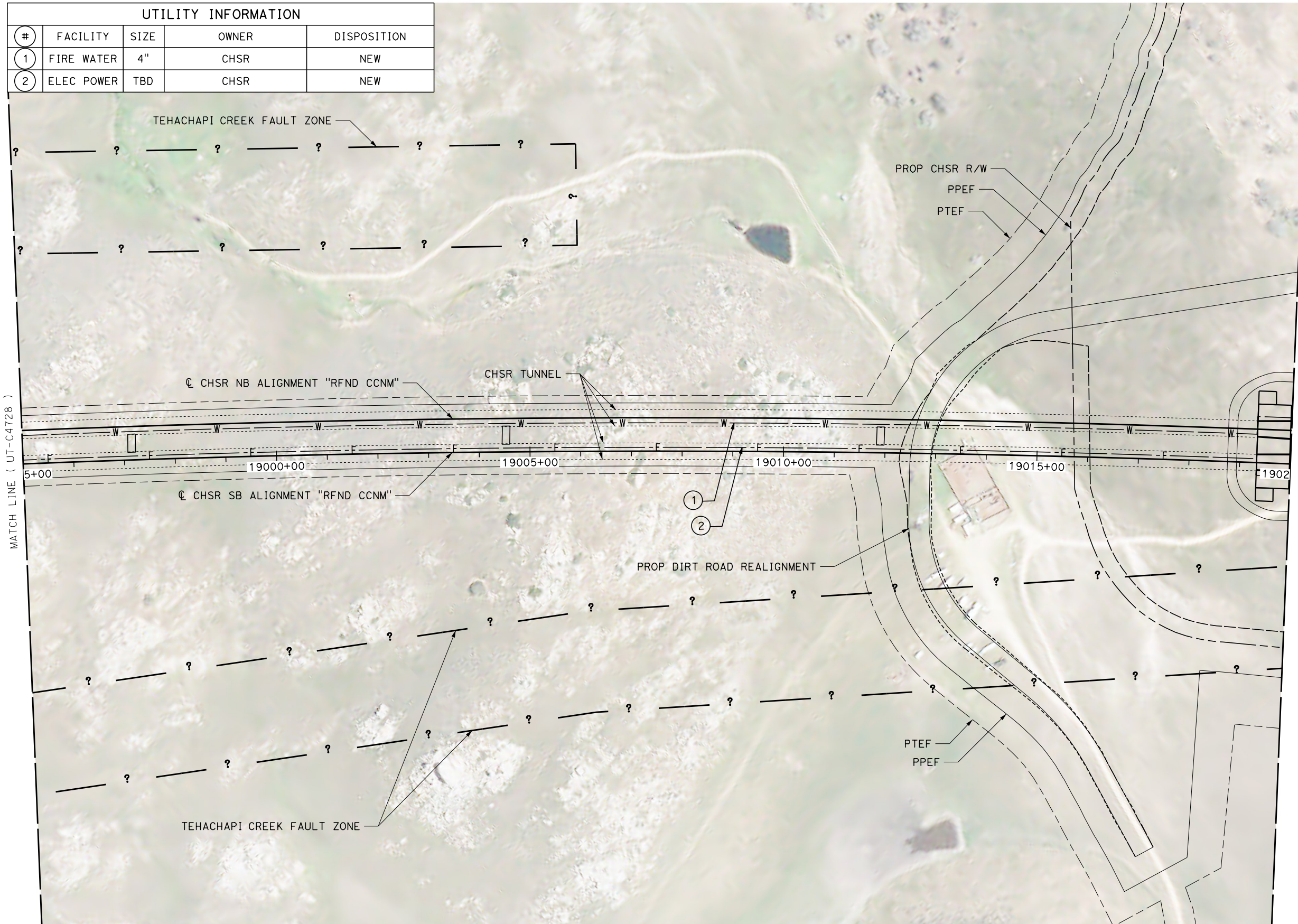
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6:32:20 AM

1/20/2021

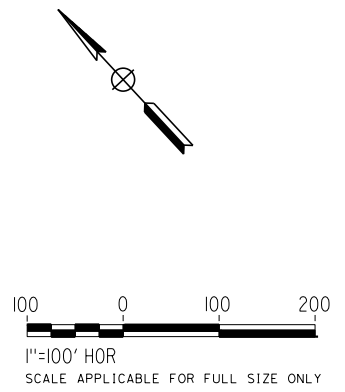
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UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	FIRE WATER	4"	CHSR	NEW
2	ELEC POWER	TBD	CHSR	NEW



MATCH LINE (UT-C4728)

MATCH LINE (UT-C4730)



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
DRAWN BY
J. LOPEZ
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
REFINED CCNM DESIGN OPTION
COMPOSITE UTILITY PLAN
STA 18995+00 TO 19020+00
PLAN

CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4729
SCALE
AS SHOWN
SHEET NO.
1190

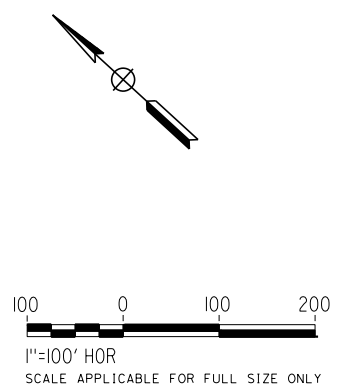
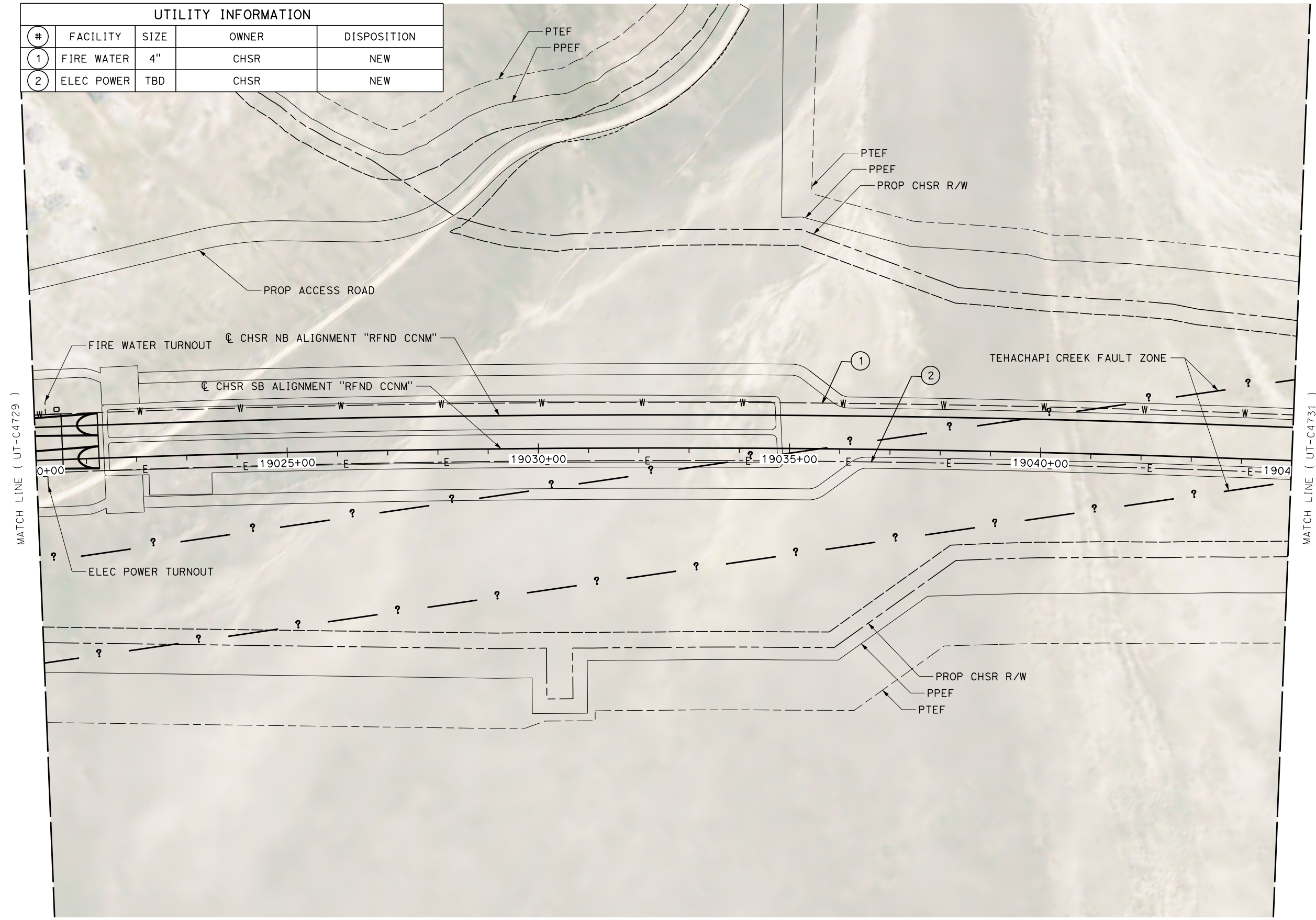
Projects\701206_00_CHSRBP\00_CADD\CCNM Option D\Sheets\UT\BP-UT-C4730

6:18:03 AM

1/20/2021

ics_user_17609

UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	FIRE WATER	4"	CHSR	NEW
2	ELEC POWER	TBD	CHSR	NEW



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
DRAWN BY
J. LOPEZ
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**
REFINED CCNM DESIGN OPTION
COMPOSITE UTILITY PLAN
STA 19020+00 TO 19045+00
PLAN

CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4730
SCALE
AS SHOWN
SHEET NO.
1191

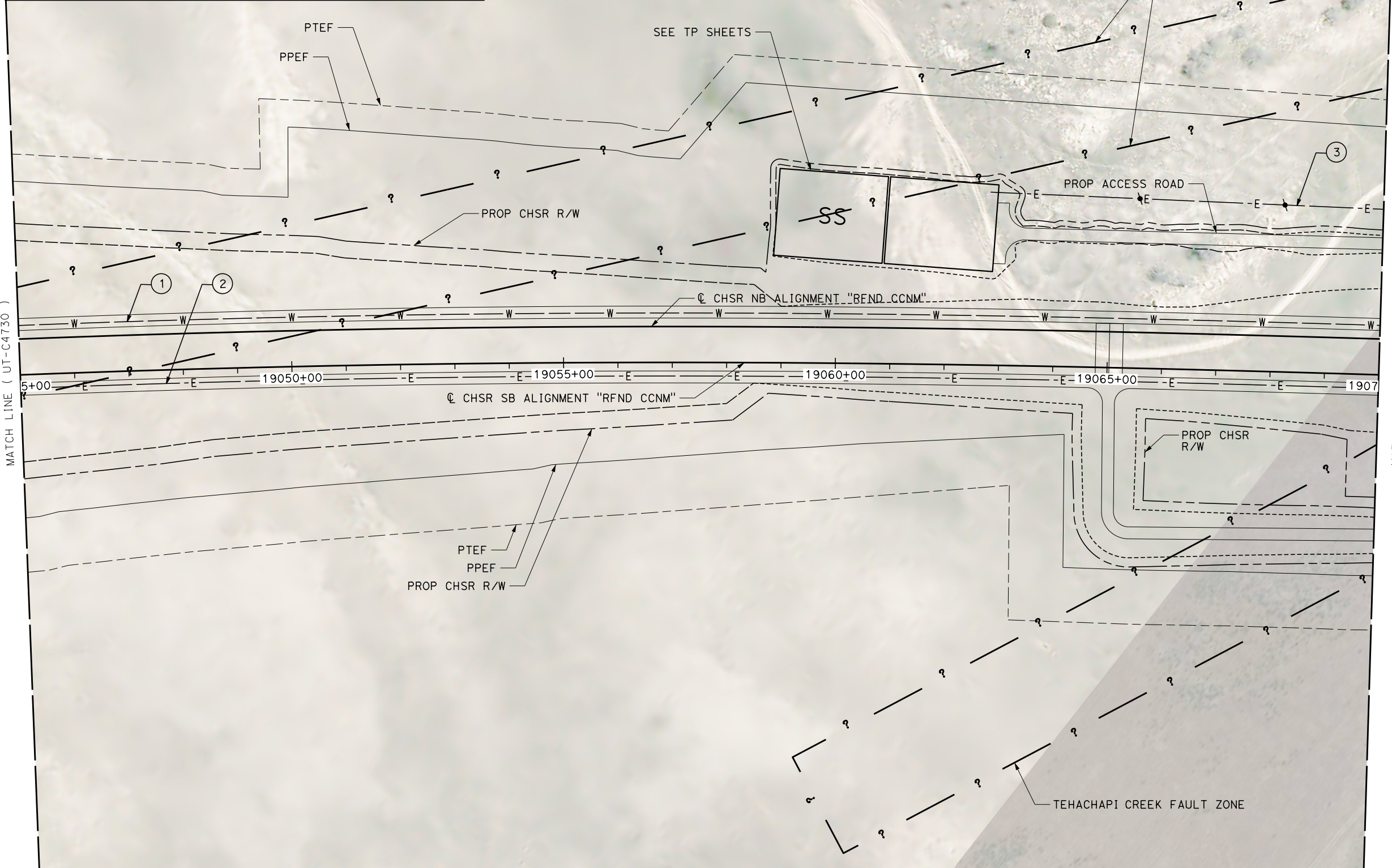
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1/20/2021

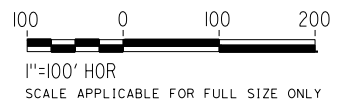
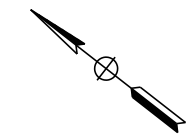
ics_user_17609

UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	FIRE WATER	4"	CHSR	NEW
2	ELEC POWER	TBD	CHSR	NEW
3	TP ELEC SERVICE	115KV	CHSR	NEW



MATCH LINE (UT-C4732)

MATCH LINE (UT-C4730)



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
DRAWN BY
J. LOPEZ
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**

REFINED CCNM DESIGN OPTION
COMPOSITE UTILITY PLAN
STA 19045+00 TO 19070+00
PLAN

CONTRACT NO.
HSR13-44

DRAWING NO.
UT-C4731

SCALE
AS SHOWN

SHEET NO.
1192

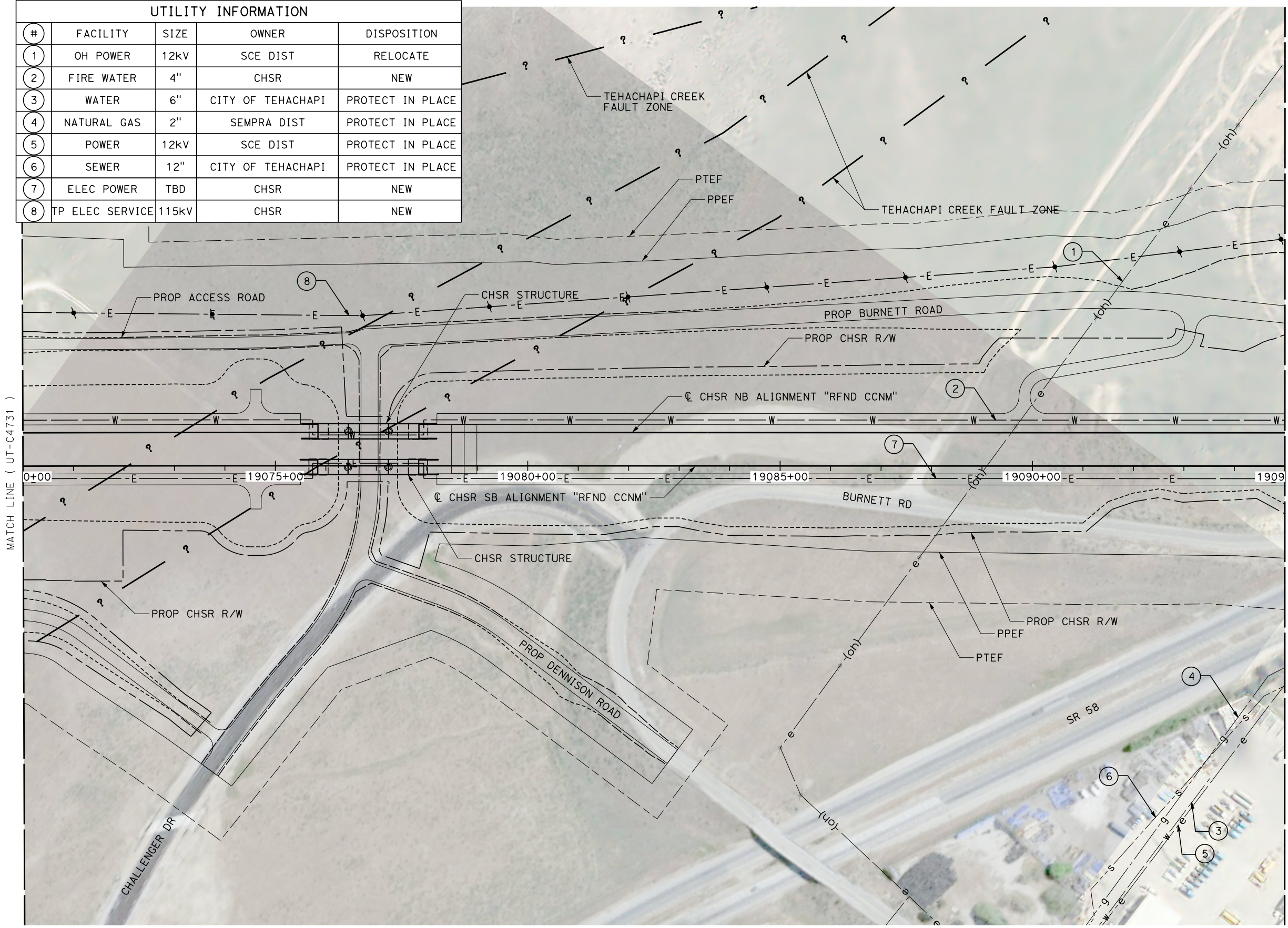
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6:38:04 AM

1/20/2021

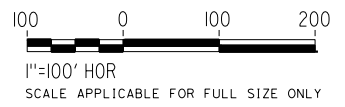
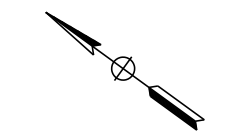
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UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	OH POWER	12KV	SCE DIST	RELOCATE
2	FIRE WATER	4"	CHSR	NEW
3	WATER	6"	CITY OF TEHACHAPI	PROTECT IN PLACE
4	NATURAL GAS	2"	SEMPRA DIST	PROTECT IN PLACE
5	POWER	12KV	SCE DIST	PROTECT IN PLACE
6	SEWER	12"	CITY OF TEHACHAPI	PROTECT IN PLACE
7	ELEC POWER	TBD	CHSR	NEW
8	TP ELEC SERVICE	115KV	CHSR	NEW



MATCH LINE (UT-C4731)

MATCH LINE (UT-C4733)



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
DRAWN BY
J. LOPEZ
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**
REFINED CCNM DESIGN OPTION
COMPOSITE UTILITY PLAN
STA 19070+00 TO 19095+00
PLAN

CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4732
SCALE
AS SHOWN
SHEET NO.
1193

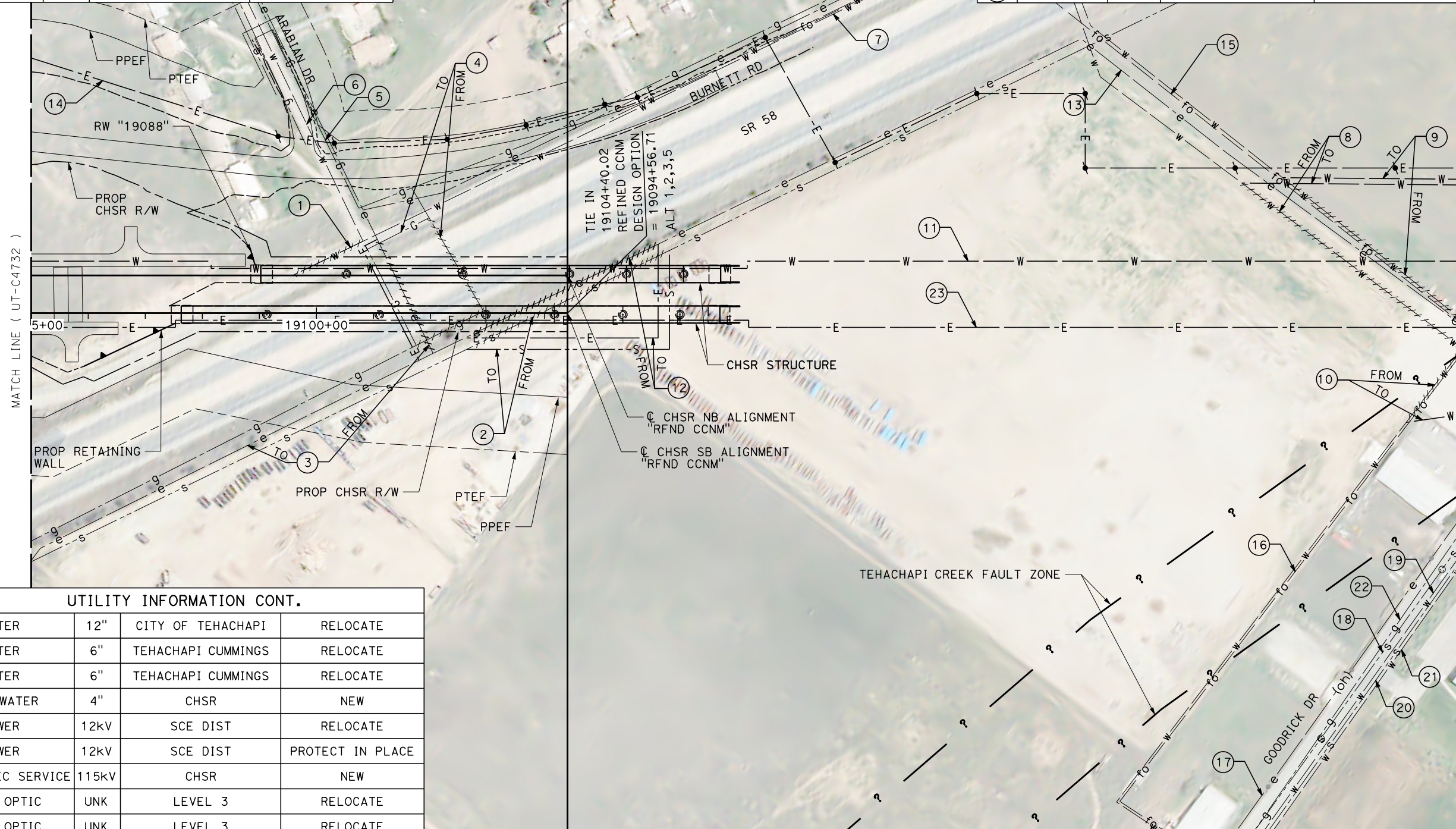
UTILITY INFORMATION

#	FACILITY	SIZE	OWNER	DISPOSITION
1	WATER	6"	CITY OF TEHACHAPI	REMOVE
2	SEWER	12"	CITY OF TEHACHAPI	RELOCATE
3	POWER	12KV	SCE DIST	RELOCATE
4	NATURAL GAS	2"	SEMPRA DIST	RELOCATE
5	NATURAL GAS	2"	SEMPRA DIST	PROTECT IN PLACE
6	WATER	12"	CITY OF TEHACHAPI	PROTECT IN PLACE
7	WATER	6"	CITY OF TEHACHAPI	PROTECT IN PLACE

UTILITY INFORMATION CONT.

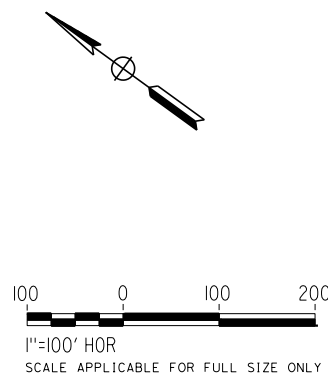
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17	POWER	12KV	SCE DIST	PROTECT IN PLACE
18	SEWER	8"	CITY OF TEHACHAPI	PROTECT IN PLACE
19	WATER	12"	CITY OF TEHACHAPI	PROTECT IN PLACE
20	SEWER	12"	CITY OF TEHACHAPI	PROTECT IN PLACE
21	WATER	8"	CITY OF TEHACHAPI	PROTECT IN PLACE
22	NATURAL GAS	4"	SEMPRA DIST	PROTECT IN PLACE
23	ELEC POWER	TBD	CHSR	NEW

Projects\701206_00_CHSRBP\00_CADD\CCNM Option D\Sheets\UT_BP-UT-C4733 1/20/2021 6:18:31 AM jcs_user_17609



UTILITY INFORMATION CONT.

8	WATER	12"	CITY OF TEHACHAPI	RELOCATE
9	WATER	6"	TEHACHAPI CUMMINGS	RELOCATE
10	WATER	6"	TEHACHAPI CUMMINGS	RELOCATE
11	FIRE WATER	4"	CHSR	NEW
12	POWER	12KV	SCE DIST	RELOCATE
13	POWER	12KV	SCE DIST	PROTECT IN PLACE
14	TP ELEC SERVICE	115KV	CHSR	NEW
15	FIBER OPTIC	UNK	LEVEL 3	RELOCATE
16	FIBER OPTIC	UNK	LEVEL 3	RELOCATE



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
DRAWN BY
J. LOPEZ
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
REFINED CCNM DESIGN OPTION
COMPOSITE UTILITY PLAN
STA 19095+00 TO 19104+40
PLAN

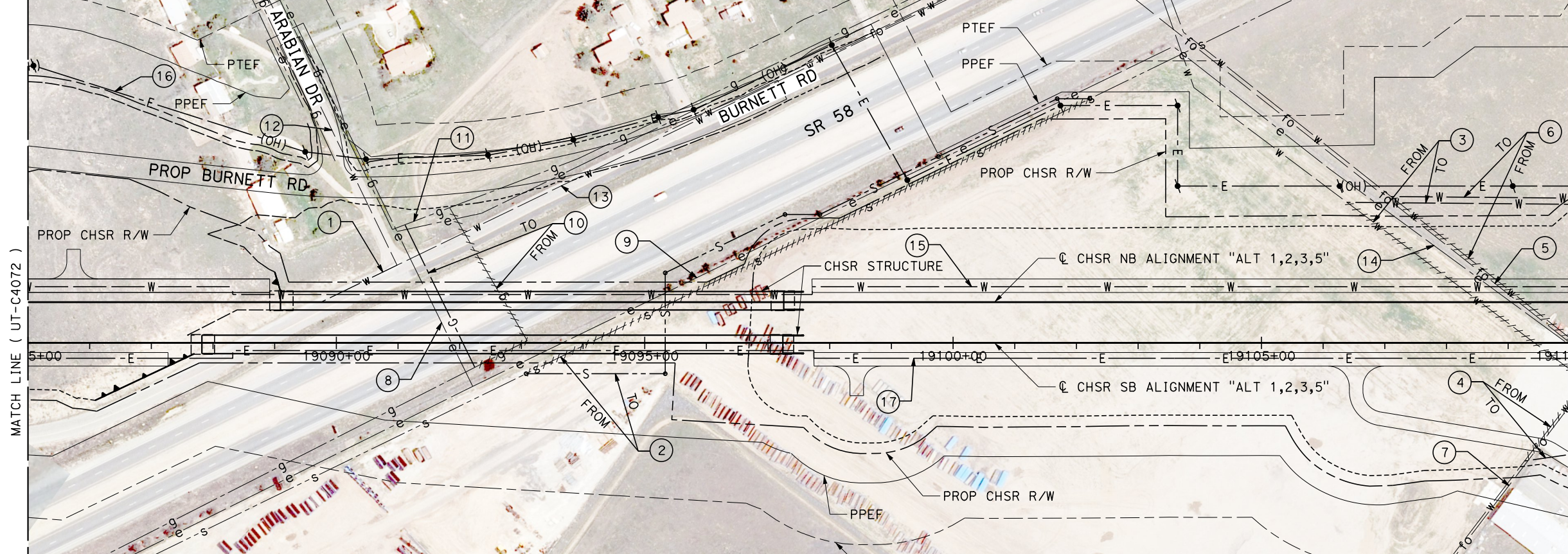
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HSR13-44
DRAWING NO.
UT-C4733
SCALE
AS SHOWN
SHEET NO.
1194

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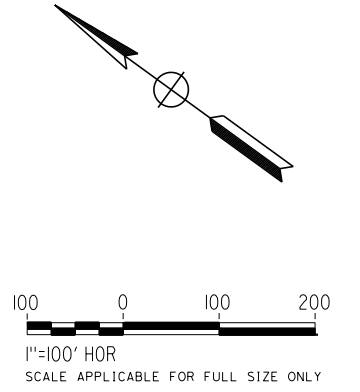
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jcs_user_17609

UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	WATER	6"	CITY OF TEHACHAPI	REMOVE
2	SEWER	12"	CITY OF TEHACHAPI	RELOCATE
3	WATER	12"	CITY OF TEHACHAPI	RELOCATE
4	WATER	6"	TEHACHAPI CUMMINGS	RELOCATE
5	FIBER OPTIC	UNK	LEVEL 3	RELOCATE
6	WATER	6"	TEHACHAPI CUMMINGS	RELOCATE



UTILITY INFORMATION CONT.				
#	FACILITY	SIZE	OWNER	DISPOSITION
7	FIBER OPTIC	UNK	LEVEL 3	RELOCATE
8	POWER	12kV	SCE DIST	PROTECT IN PLACE
9	POWER	12kV	SCE DIST	RELOCATE
10	NATURAL GAS	2"	SEMPRA DIST	RELOCATE
11	NATURAL GAS	2"	SEMPRA DIST	PROTECT IN PLACE
12	WATER	12"	CITY OF TEHACHAPI	PROTECT IN PLACE
13	WATER	6"	CITY OF TEHACHAPI	PROTECT IN PLACE
14	POWER	12kV	SCE DIST	RELOCATE
15	FIRE WATER	4"	CHSR	NEW
16	TP ELEC SERVICE	115kV	CHSR	NEW
17	ELEC POWER	TBD	CHSR	NEW



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
DRAWN BY
J. LOPEZ
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**
COMPOSITE UTILITY PLANS
ALTERNATIVE 1,2,3,5
STA 19085+00 TO 19110+00

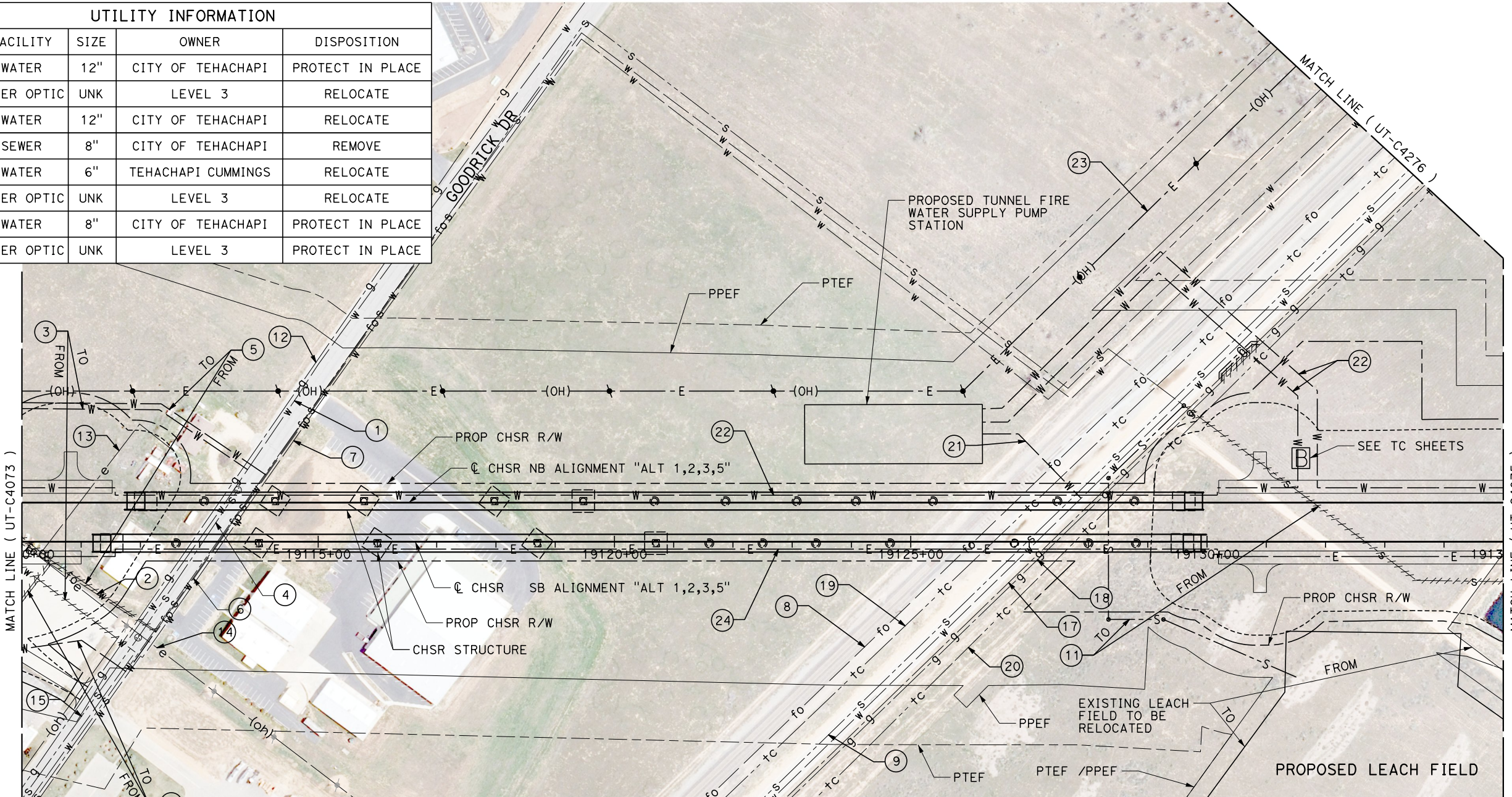
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DRAWING NO.
UT-C4073
SCALE
AS SHOWN
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1195

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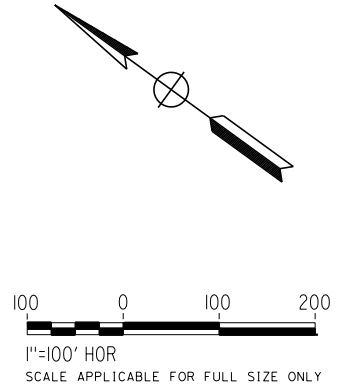
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UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	WATER	12"	CITY OF TEHACHAPI	PROTECT IN PLACE
2	FIBER OPTIC	UNK	LEVEL 3	RELOCATE
3	WATER	12"	CITY OF TEHACHAPI	RELOCATE
4	SEWER	8"	CITY OF TEHACHAPI	REMOVE
5	WATER	6"	TEHACHAPI CUMMINGS	RELOCATE
6	FIBER OPTIC	UNK	LEVEL 3	RELOCATE
7	WATER	8"	CITY OF TEHACHAPI	PROTECT IN PLACE
8	FIBER OPTIC	UNK	LEVEL 3	PROTECT IN PLACE



UTILITY INFORMATION CONT.				
#	FACILITY	SIZE	OWNER	DISPOSITION
9	SEWER	8"	CITY OF TEHACHAPI	PROTECT IN PLACE
10	WATER	12"	CITY OF TEHACHAPI	PROTECT IN PLACE
11	SEWER (FM)	12"	CITY OF TEHACHAPI	RELOCATE
12	NATURAL GAS	4"	SEMPRA DIST	PROTECT IN PLACE
13	POWER	12kV	SCE DIST	RELOCATE
14	POWER	12kV	SCE DIST	RELOCATE
15	SEWER	12"	CITY OF TEHACHAPI	PROTECT IN PLACE

UTILITY INFORMATION CONT.				
#	FACILITY	SIZE	OWNER	DISPOSITION
16	WATER	12"	CITY OF TEHACHAPI	RELOCATE
17	NATURAL GAS	4"	SEMPRA DIST	PROTECT IN PLACE
18	NATURAL GAS	8"	SEMPRA TRANS	PROTECT IN PLACE
19	TELECOM	UNK	PAC BELL	PROTECT IN PLACE
20	TELECOM	UNK	PAC BELL	RELOCATE
21	WATER SERVICE	4"	CITY OF TEHACHAPI	NEW
22	FIRE WATER	4"	CHSR	NEW
23	TP ELEC SERVICE	115kV	CHSR	NEW
24	ELEC POWER	TBD	CHSR	NEW



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
DRAWN BY
J. LOPEZ
CHECKED BY
G. CAMPBELL
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

**RECORD SET
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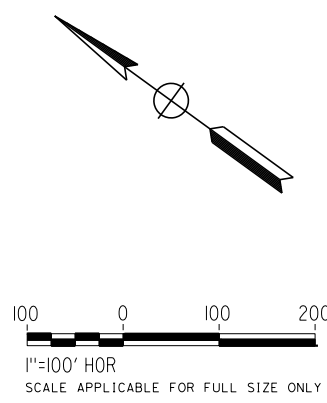
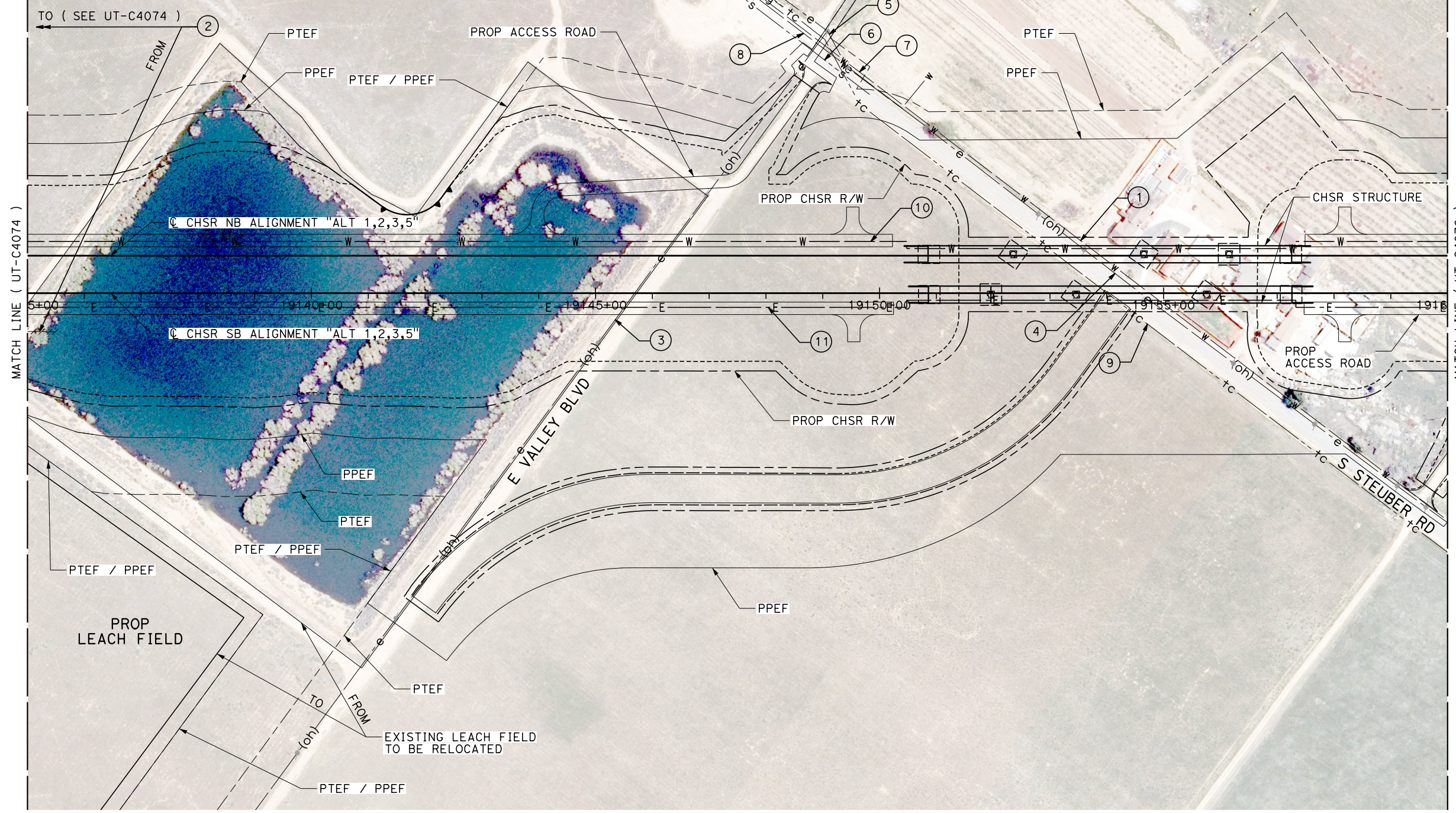


**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
COMPOSITE UTILITY PLANS
ALTERNATIVE 1,2,3,5
STA 19110+00 TO 19135+00

CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4074
SCALE
AS SHOWN
SHEET NO.
1196

UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	WATER	8"	TEHACHAPI CUMMINGS	PROTECT IN PLACE
2	SEWER (FM)	12"	CITY OF TEHACHAPI	RELOCATE
3	OH POWER	12KV	SCE DIST	RELOCATE
4	OH POWER	12KV	SCE DIST	RELOCATE
5	OH POWER	12KV	SCE DIST	RELOCATE

UTILITY INFORMATION CONT.				
#	FACILITY	SIZE	OWNER	DISPOSITION
6	SEWER	12"	CITY OF TEHACHAPI	PROTECT IN PLACE
7	WATER	8"	TEHACHAPI CUMMINGS	PROTECT IN PLACE
8	WATER	12"	CITY OF TEHACHAPI	PROTECT IN PLACE
9	TELECOM	UNK	PACBELL	RELOCATE
10	FIRE WATER	4"	CHSR	NEW
11	ELEC POWER	TBD	CHSR	NEW



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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
DRAWN BY
J. LOPEZ
CHECKED BY
G. CAMPBELL
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

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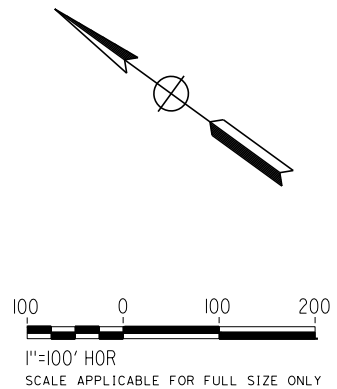
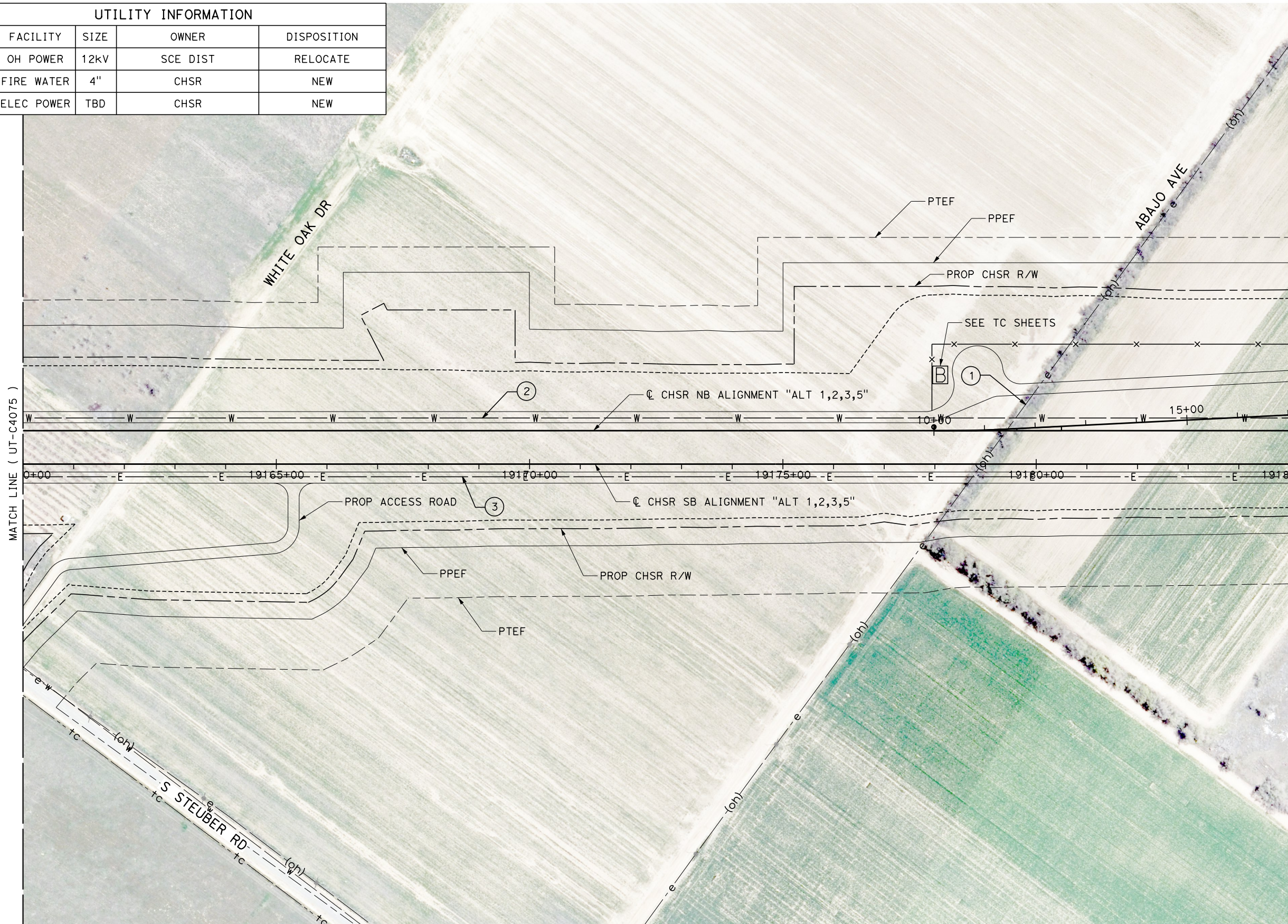
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CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
COMPOSITE UTILITY PLANS
ALTERNATIVE 1,2,3,5
STA 19135+00 TO 19160+00

CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4075
SCALE
AS SHOWN
SHEET NO.
1197

UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	OH POWER	12KV	SCE DIST	RELOCATE
2	FIRE WATER	4"	CHSR	NEW
3	ELEC POWER	TBD	CHSR	NEW



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1/23/2021 3:06:59 AM

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
DRAWN BY
J. LOPEZ
CHECKED BY
G. CAMPBELL
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

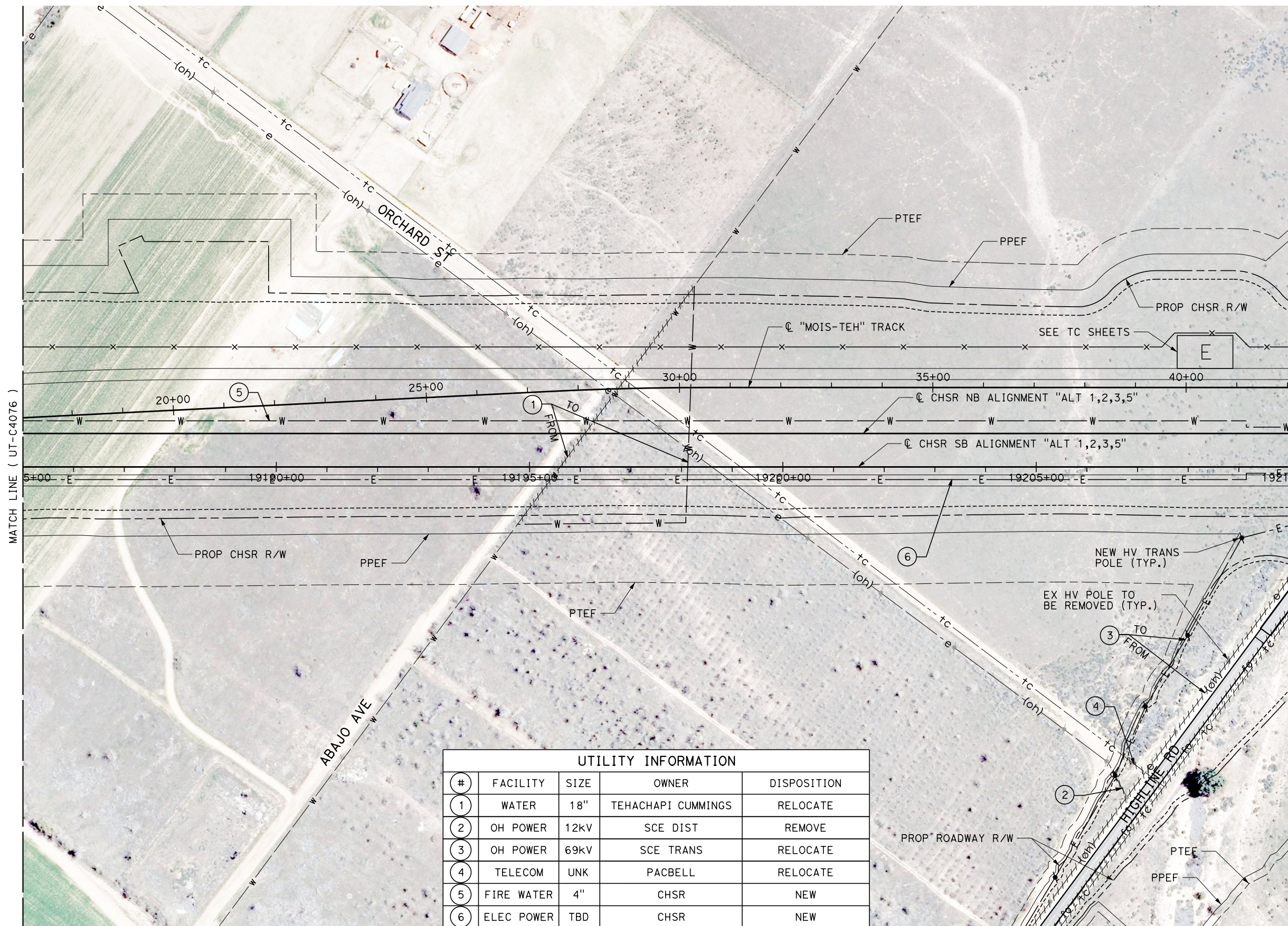
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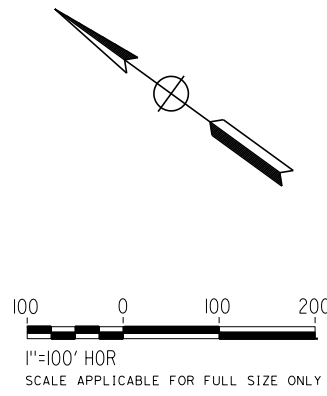


**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
COMPOSITE UTILITY PLANS
ALTERNATIVE 1,2,3,5
STA 19160+00 TO 19185+00

CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4076
SCALE
AS SHOWN
SHEET NO.
1198



UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	WATER	18"	TEHACHAPI CUMMINGS	RELOCATE
2	OH POWER	12kV	SCE DIST	REMOVE
3	OH POWER	69kV	SCE TRANS	RELOCATE
4	TELECOM	UNK	PACBELL	RELOCATE
5	FIRE WATER	4"	CHSR	NEW
6	ELEC POWER	TBD	CHSR	NEW



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
DRAWN BY
J. LOPEZ
CHECKED BY
G. CAMPBELL
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

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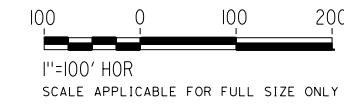
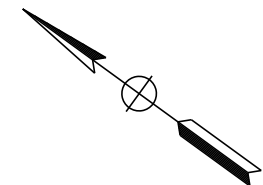
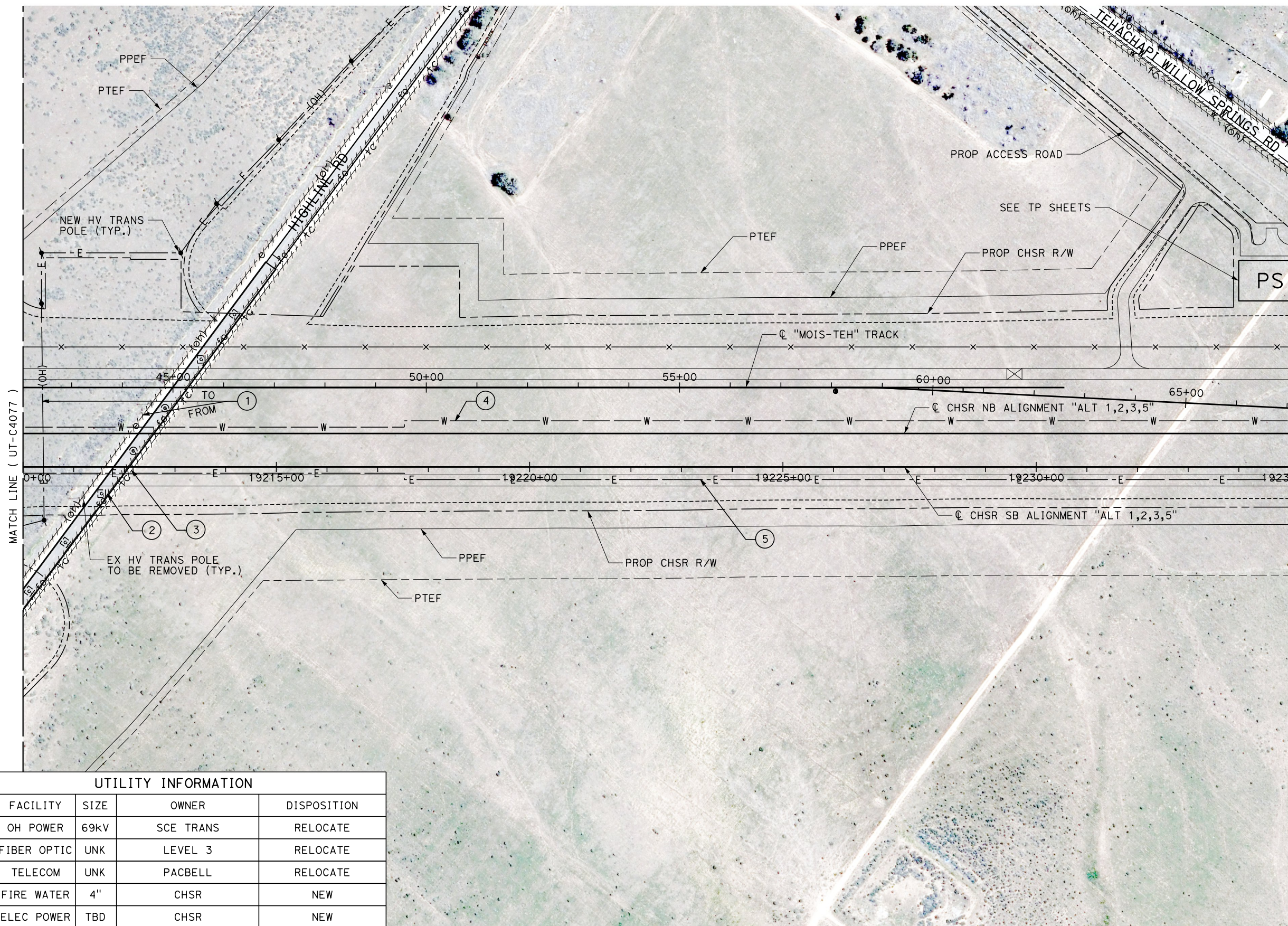
**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
COMPOSITE UTILITY PLANS
ALTERNATIVE 1,2,3,5
STA 19185+00 TO 19210+00

CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4077
SCALE
AS SHOWN
SHEET NO.
1199

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UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	OH POWER	69kV	SCE TRANS	RELOCATE
2	FIBER OPTIC	UNK	LEVEL 3	RELOCATE
3	TELECOM	UNK	PACBELL	RELOCATE
4	FIRE WATER	4"	CHSR	NEW
5	ELEC POWER	TBD	CHSR	NEW

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
DRAWN BY
J. LOPEZ
CHECKED BY
G. CAMPBELL
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

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**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
COMPOSITE UTILITY PLANS
ALTERNATIVE 1,2,3,5
STA 19210+00 TO 19235+00

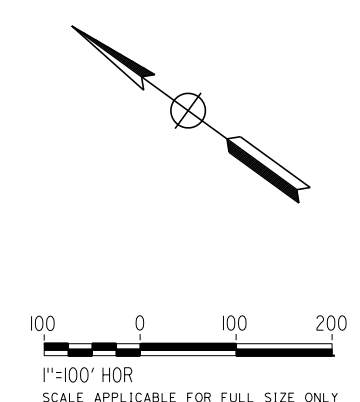
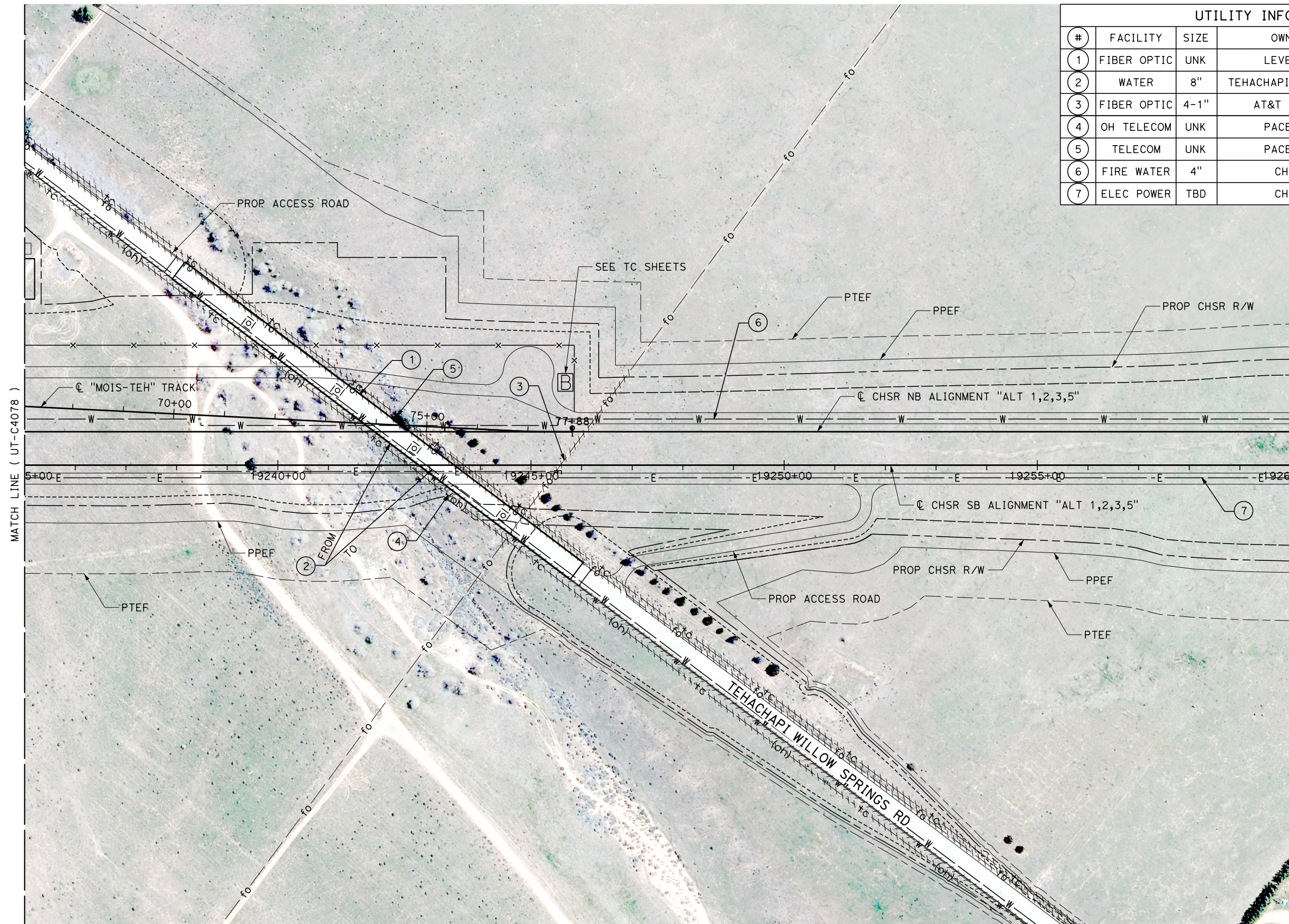
CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4078
SCALE
AS SHOWN
SHEET NO.
1200

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UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	FIBER OPTIC	UNK	LEVEL 3	RELOCATE
2	WATER	8"	TEHACHAPI CUMMINGS	RELOCATE
3	FIBER OPTIC	4-1"	AT&T TRANS	RELOCATE
4	OH TELECOM	UNK	PACBELL	RELOCATE
5	TELECOM	UNK	PACBELL	RELOCATE
6	FIRE WATER	4"	CHSR	NEW
7	ELEC POWER	TBD	CHSR	NEW

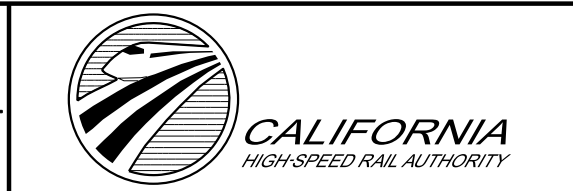


REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
DRAWN BY
J. LOPEZ
CHECKED BY
G. CAMPBELL
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

RECORD SET
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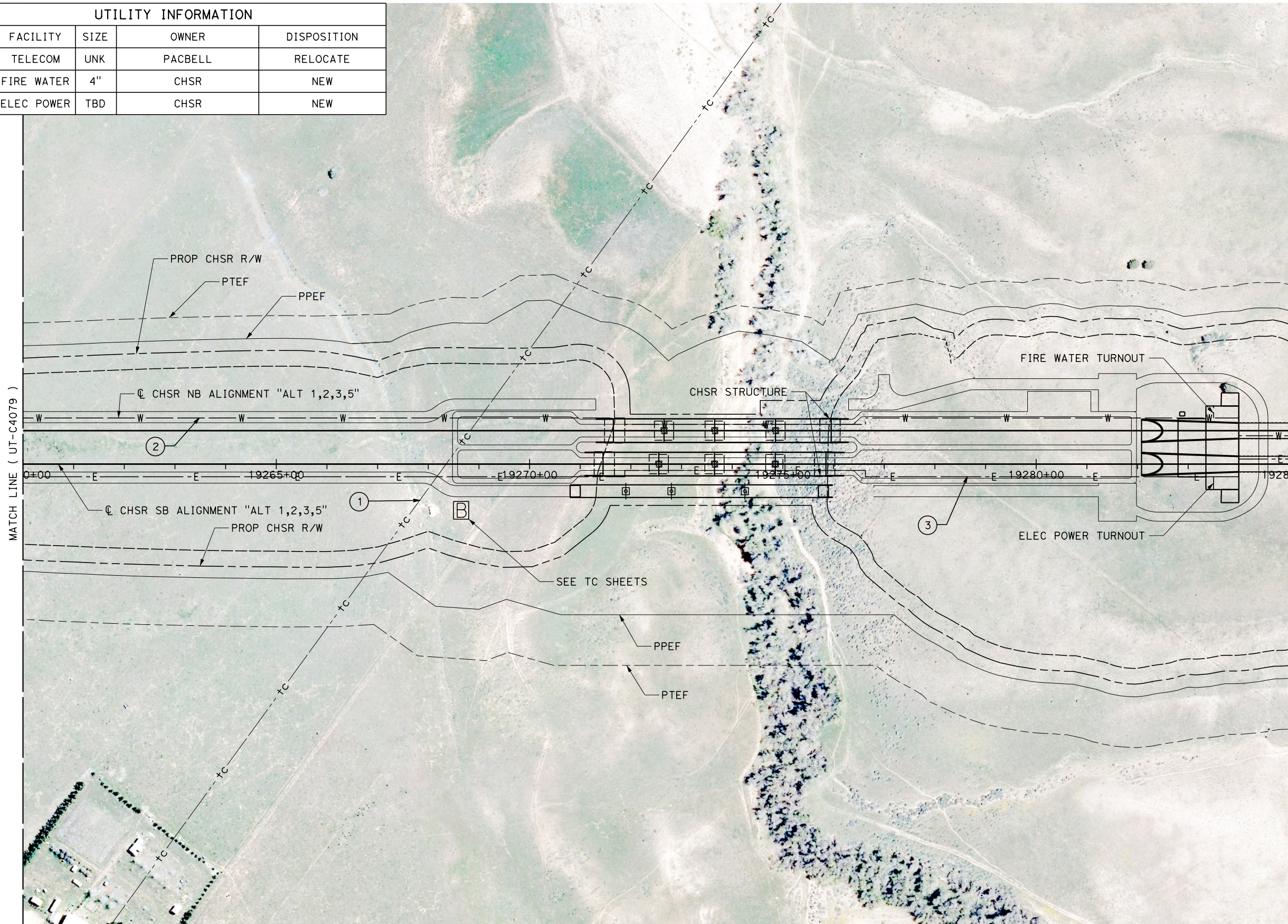
NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
COMPOSITE UTILITY PLANS
ALTERNATIVE 1,2,3,5
STA 19235+00 TO 19260+00

CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4079
SCALE
AS SHOWN
SHEET NO.
1201

UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	TELECOM	UNK	PACBELL	RELOCATE
2	FIRE WATER	4"	CHSR	NEW
3	ELEC POWER	TBD	CHSR	NEW



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DESIGNED BY
D. HOLMAN

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J. LOPEZ

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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
COMPOSITE UTILITY PLANS
ALTERNATIVE 1,2,3,5
STA 19260+00 TO 19285+00

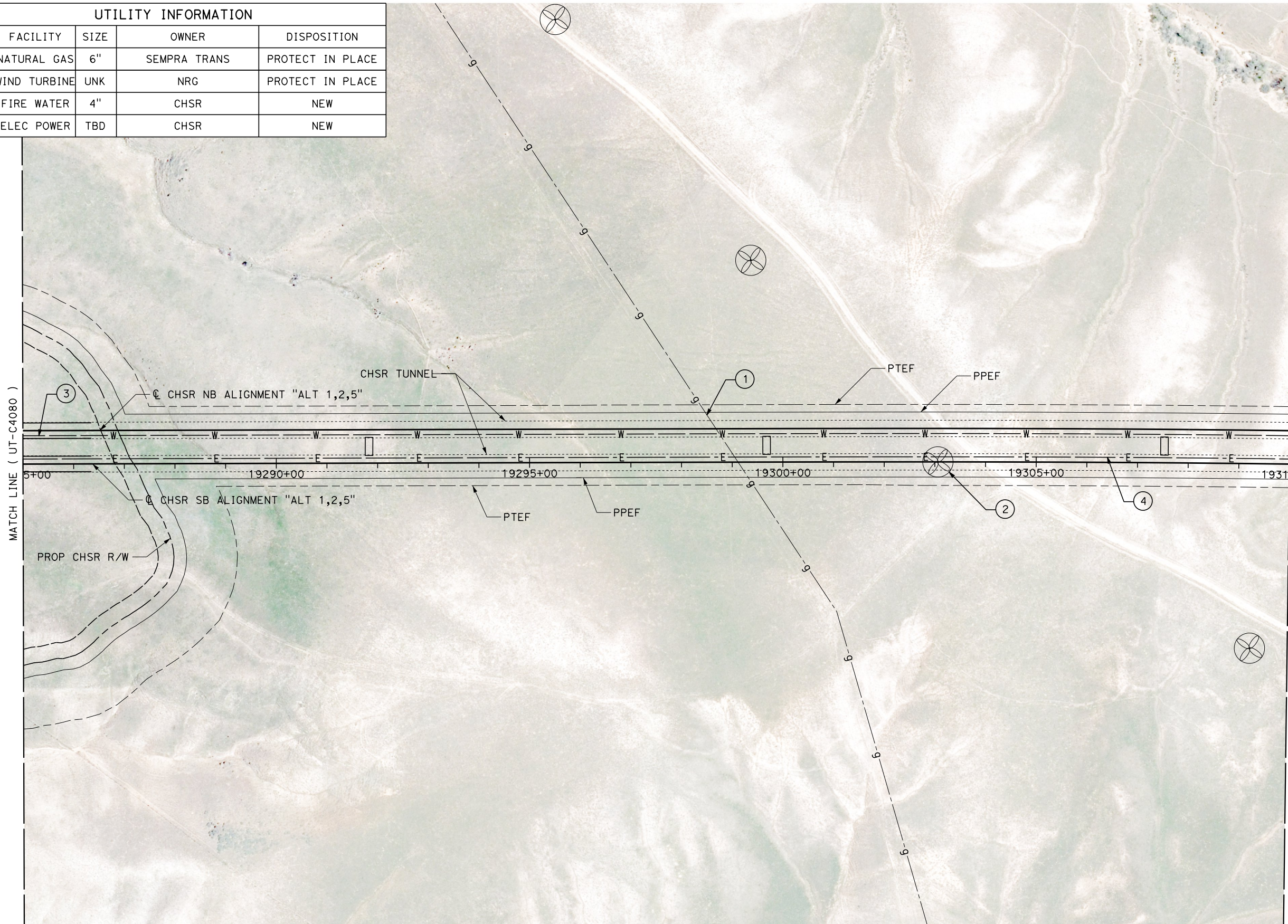
CONTRACT NO.
HSR13-44

DRAWING NO.
UT-C4080

SCALE
AS SHOWN

SHEET NO.
1202

UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	NATURAL GAS	6"	SEMPRA TRANS	PROTECT IN PLACE
2	WIND TURBINE	UNK	NRG	PROTECT IN PLACE
3	FIRE WATER	4"	CHSR	NEW
4	ELEC POWER	TBD	CHSR	NEW



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REV	DATE	BY	CHK	APP	DESCRIPTION

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J. LOPEZ
CHECKED BY
G. CAMPBELL
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

RECORD SET
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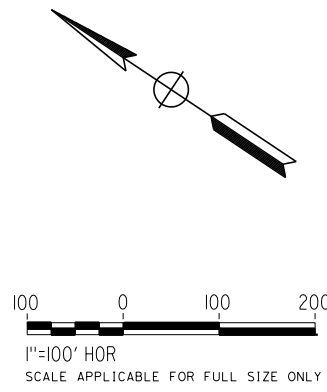
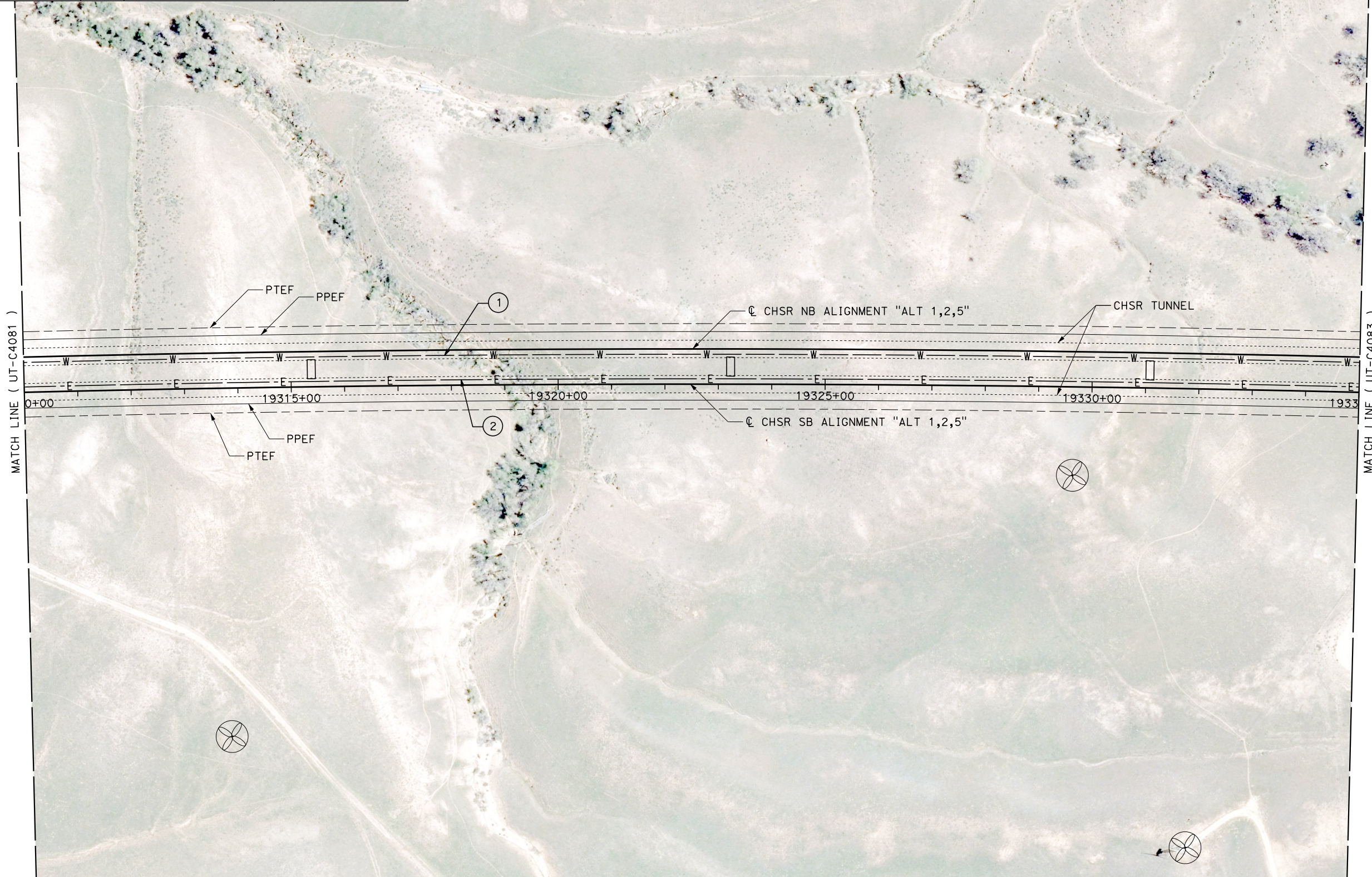
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CONSTRUCTION



CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
COMPOSITE UTILITY PLANS
ALTERNATIVE 1,2,5
STA 19285+00 TO 19310+00

CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4081
SCALE
AS SHOWN
SHEET NO.
1203

UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	FIRE WATER	4"	CHSR	NEW
2	ELEC POWER	TBD	CHSR	NEW



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D. HOLMAN

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J. LOPEZ

CHECKED BY
G. CAMPBELL

IN CHARGE
G. CAMPBELL

DATE
01/29/2021

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CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
COMPOSITE UTILITY PLANS
ALTERNATIVE 1,2,5
STA 19310+00 TO 19335+00

CONTRACT NO.
HSR13-44

DRAWING NO.
UT-C4082

SCALE
AS SHOWN

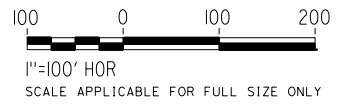
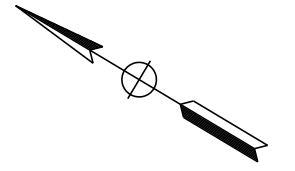
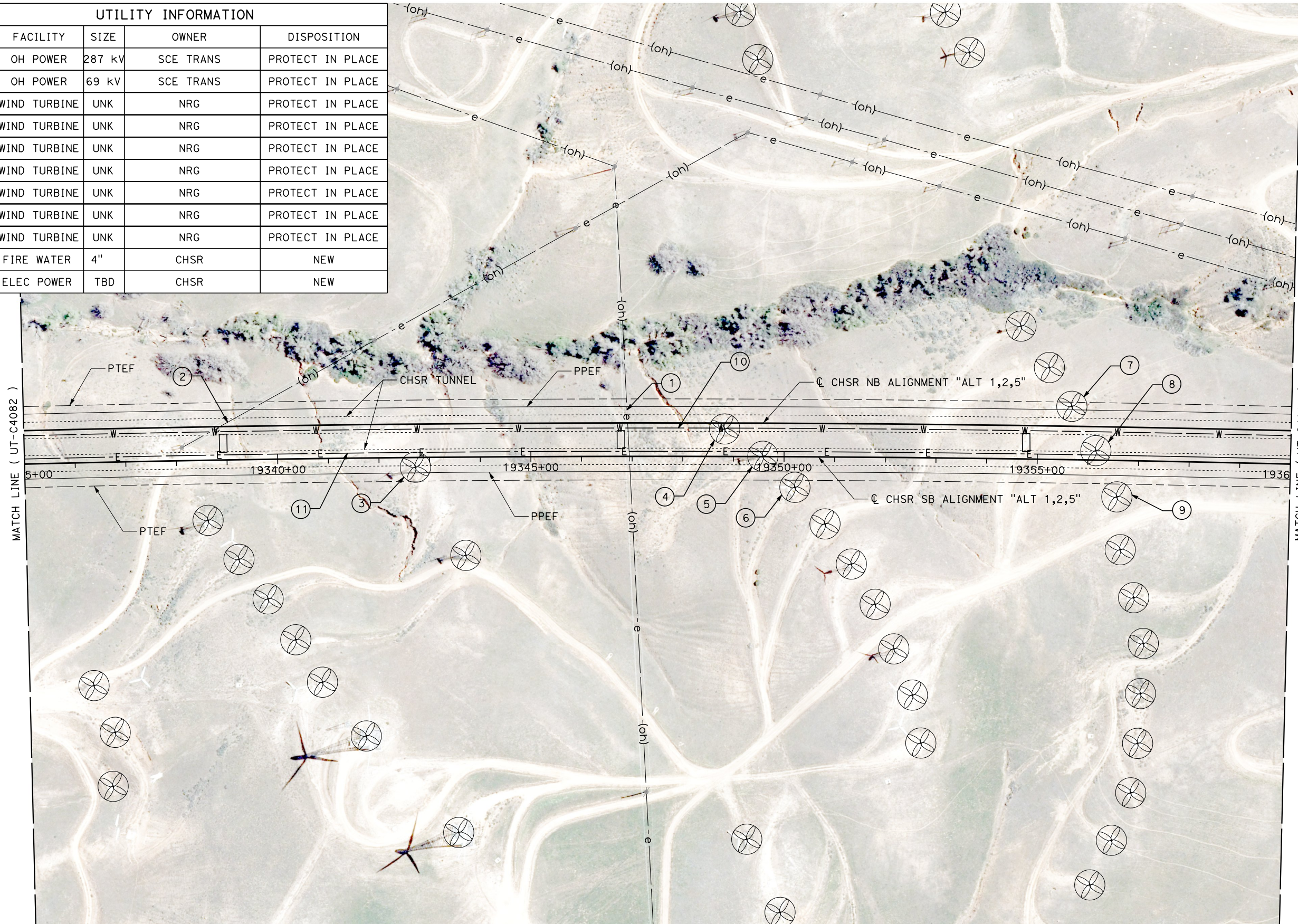
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UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	OH POWER	287 KV	SCE TRANS	PROTECT IN PLACE
2	OH POWER	69 KV	SCE TRANS	PROTECT IN PLACE
3	WIND TURBINE	UNK	NRG	PROTECT IN PLACE
4	WIND TURBINE	UNK	NRG	PROTECT IN PLACE
5	WIND TURBINE	UNK	NRG	PROTECT IN PLACE
6	WIND TURBINE	UNK	NRG	PROTECT IN PLACE
7	WIND TURBINE	UNK	NRG	PROTECT IN PLACE
8	WIND TURBINE	UNK	NRG	PROTECT IN PLACE
9	WIND TURBINE	UNK	NRG	PROTECT IN PLACE
10	FIRE WATER	4"	CHSR	NEW
11	ELEC POWER	TBD	CHSR	NEW



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
DRAWN BY
J. LOPEZ
CHECKED BY
G. CAMPBELL
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

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

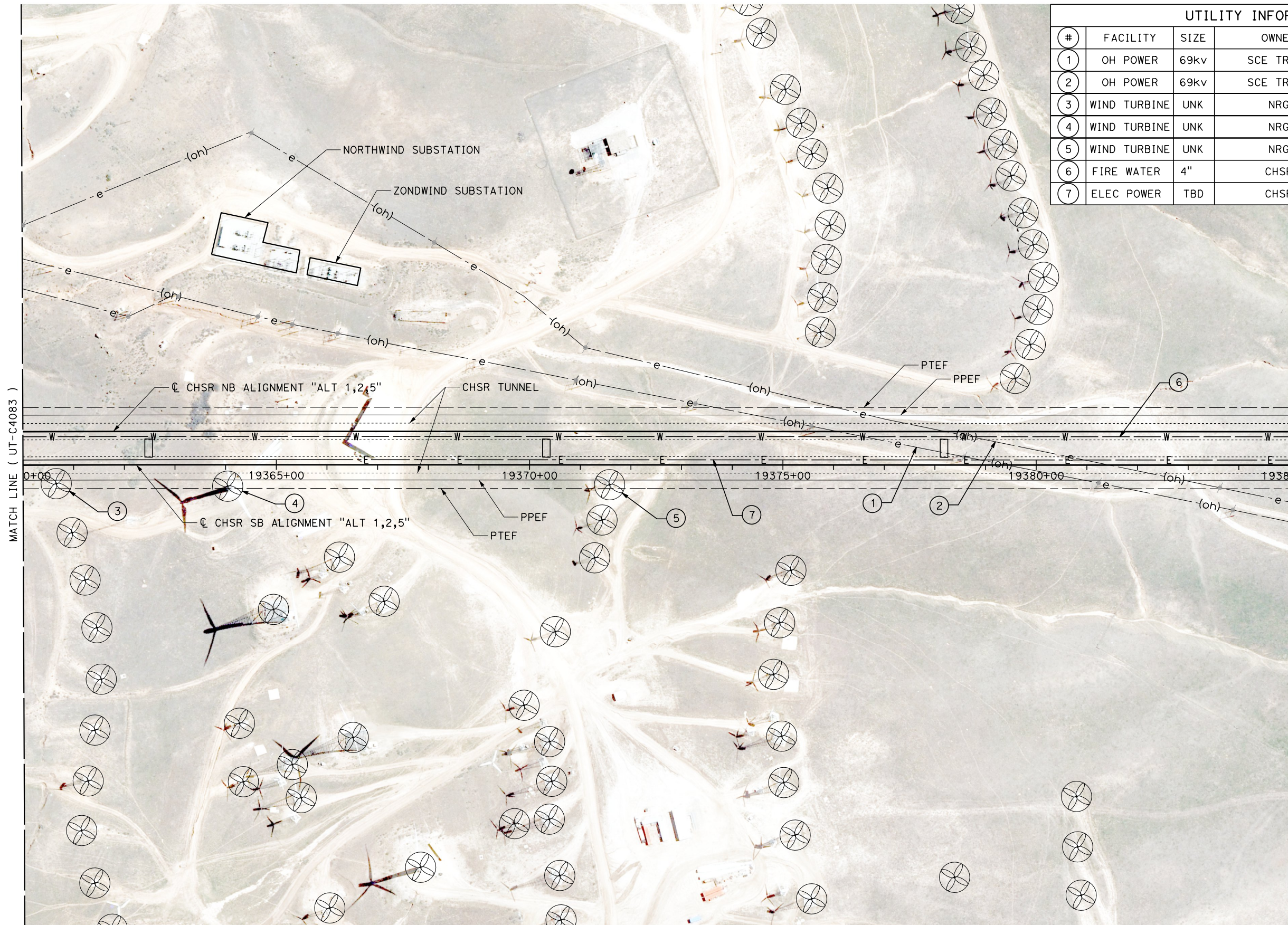
COMPOSITE UTILITY PLANS
ALTERNATIVE 1,2,5
STA 19335+00 TO 19360+00

CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4083
SCALE
AS SHOWN
SHEET NO.
1205

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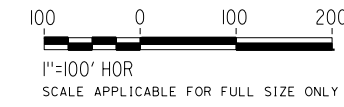
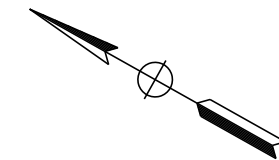
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UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	OH POWER	69kv	SCE TRANS	PROTECT IN PLACE
2	OH POWER	69kv	SCE TRANS	PROTECT IN PLACE
3	WIND TURBINE	UNK	NRG	PROTECT IN PLACE
4	WIND TURBINE	UNK	NRG	PROTECT IN PLACE
5	WIND TURBINE	UNK	NRG	PROTECT IN PLACE
6	FIRE WATER	4"	CHSR	NEW
7	ELEC POWER	TBD	CHSR	NEW

MATCH LINE (UT-C4083)

MATCH LINE (UT-C4085)



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J. LOPEZ
CHECKED BY
G. CAMPBELL
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G. CAMPBELL
DATE
01/29/2021

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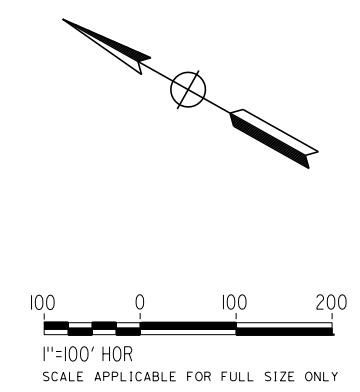
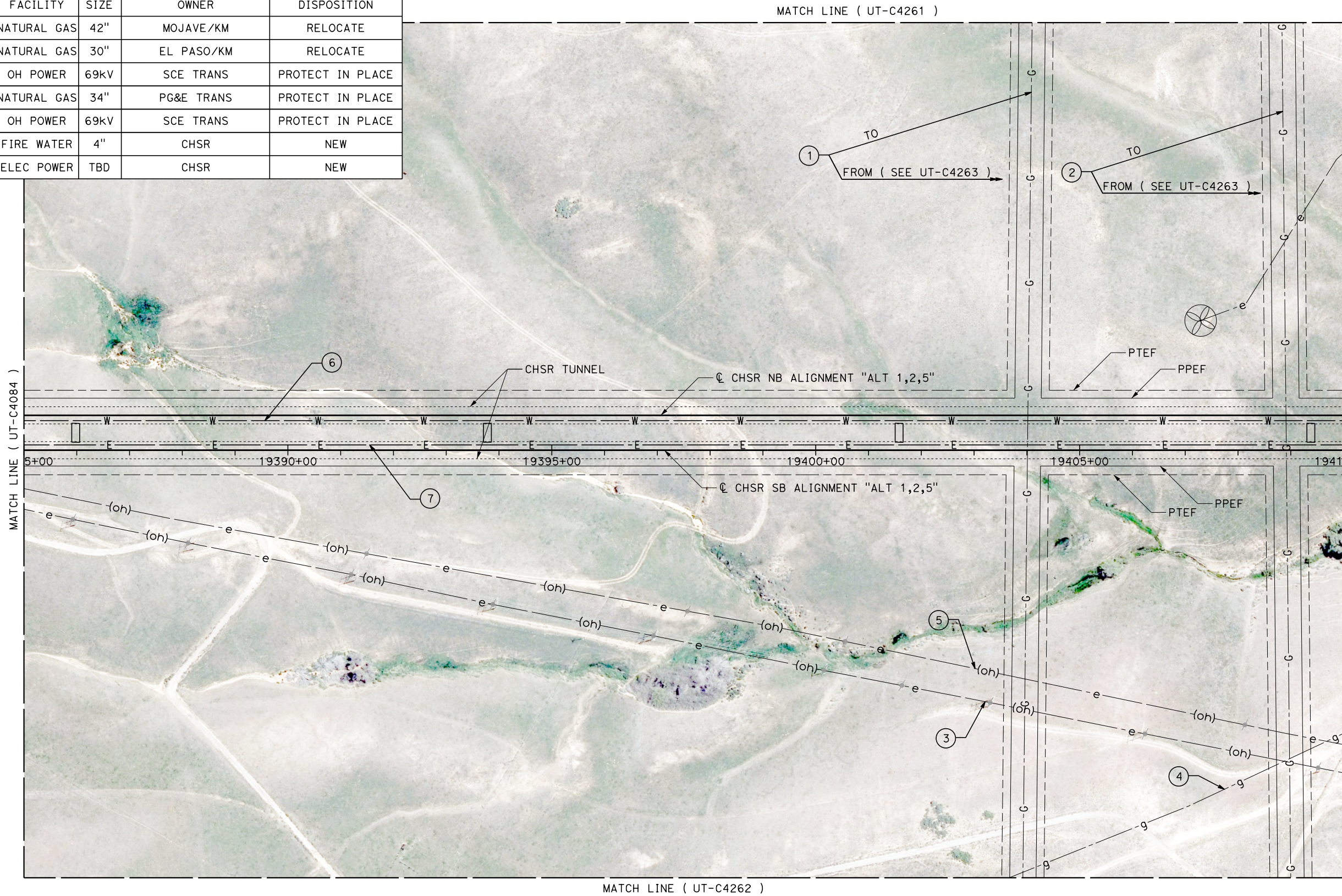
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**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
COMPOSITE UTILITY PLANS
ALTERNATIVE 1,2,5
STA 19360+00 TO 19385+00

CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4084
SCALE
AS SHOWN
SHEET NO.
1206

UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	NATURAL GAS	42"	MOJAVE/KM	RELOCATE
2	NATURAL GAS	30"	EL PASO/KM	RELOCATE
3	OH POWER	69KV	SCE TRANS	PROTECT IN PLACE
4	NATURAL GAS	34"	PG&E TRANS	PROTECT IN PLACE
5	OH POWER	69KV	SCE TRANS	PROTECT IN PLACE
6	FIRE WATER	4"	CHSR	NEW
7	ELEC POWER	TBD	CHSR	NEW



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DESIGNED BY
D. HOLMAN
DRAWN BY
J. LOPEZ
CHECKED BY
G. CAMPBELL
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

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CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
COMPOSITE UTILITY PLANS
ALTERNATIVE 1,2,5
STA 19385+00 TO 19410+00

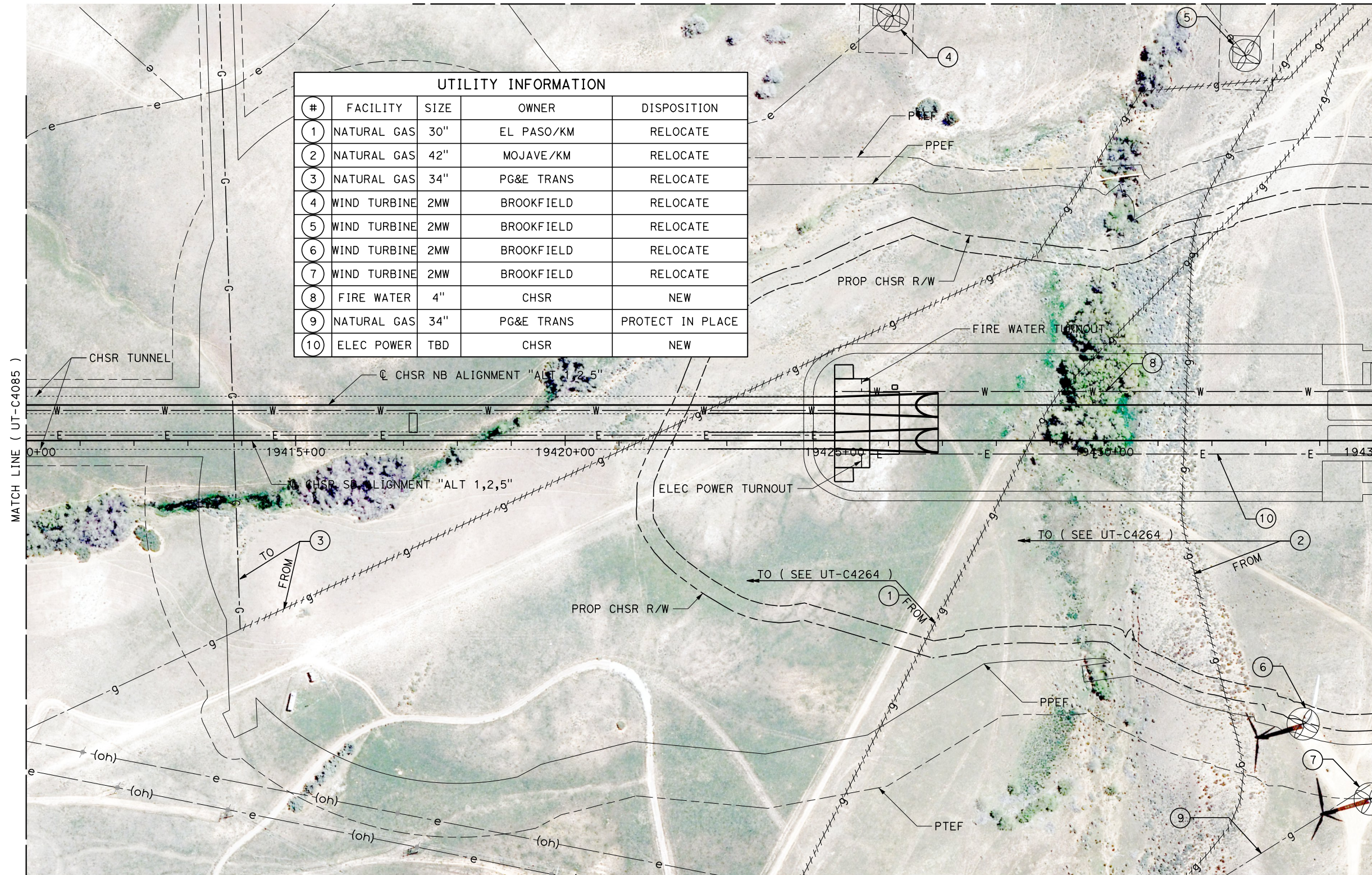
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DRAWING NO.
UT-C4085
SCALE
AS SHOWN
SHEET NO.
1207

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1/23/2021 3:08:21 AM

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MATCH LINE (UT-C4264)

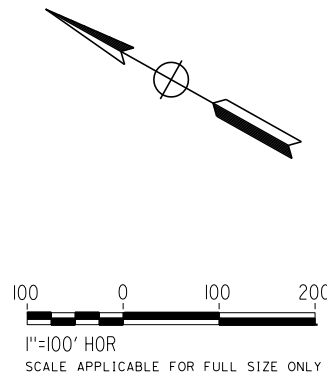


UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	NATURAL GAS	30"	EL PASO/KM	RELOCATE
2	NATURAL GAS	42"	MOJAVE/KM	RELOCATE
3	NATURAL GAS	34"	PG&E TRANS	RELOCATE
4	WIND TURBINE	2MW	BROOKFIELD	RELOCATE
5	WIND TURBINE	2MW	BROOKFIELD	RELOCATE
6	WIND TURBINE	2MW	BROOKFIELD	RELOCATE
7	WIND TURBINE	2MW	BROOKFIELD	RELOCATE
8	FIRE WATER	4"	CHSR	NEW
9	NATURAL GAS	34"	PG&E TRANS	PROTECT IN PLACE
10	ELEC POWER	TBD	CHSR	NEW

MATCH LINE (UT-C4085)

MATCH LINE (UT-C4087)

MATCH LINE (UT-C4265)



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
DRAWN BY
J. LOPEZ
CHECKED BY
G. CAMPBELL
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

RECORD SET
PEPD
SUBMITTAL

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CONSTRUCTION

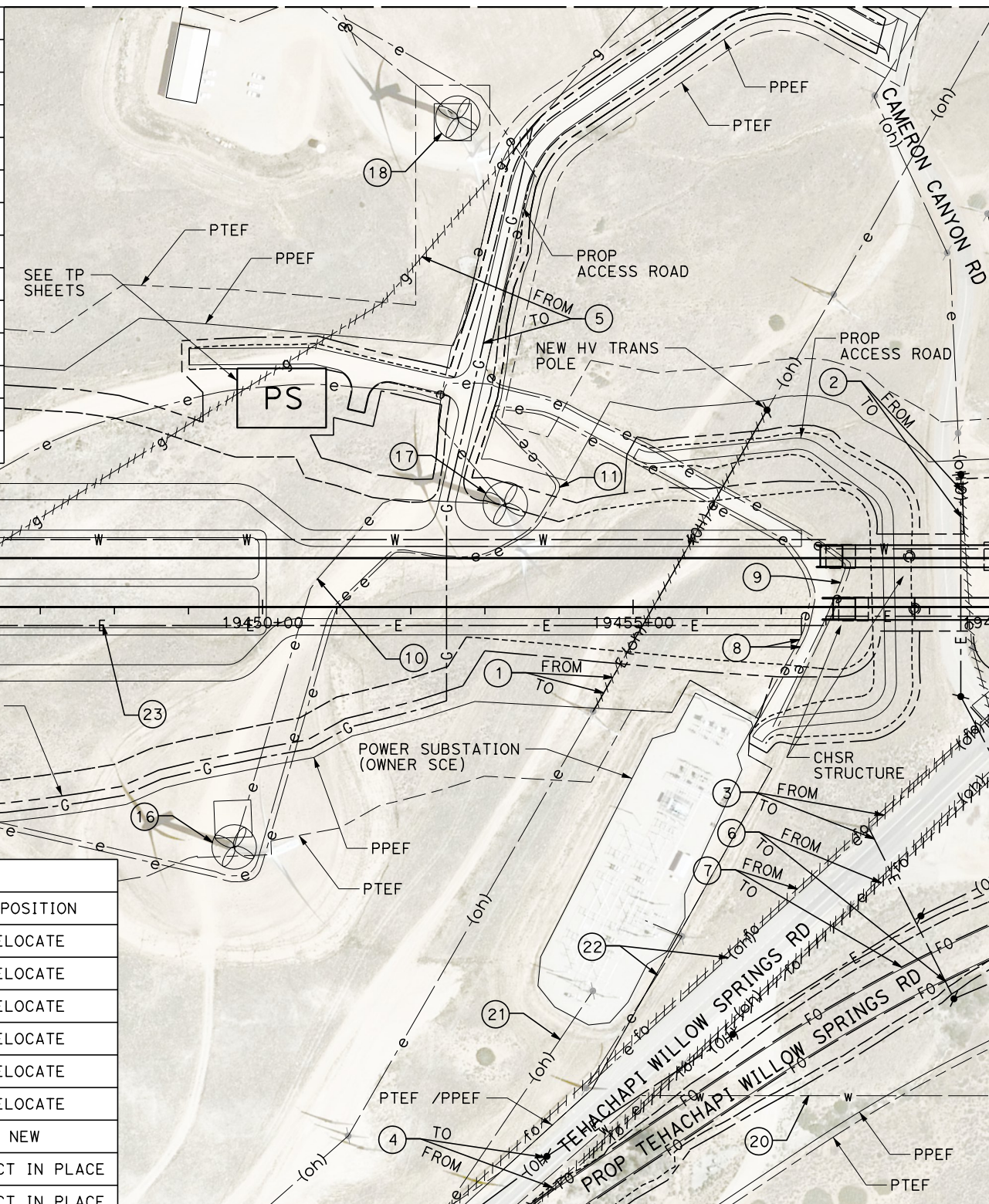


CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
COMPOSITE UTILITY PLANS
ALTERNATIVE 1,2,5
STA 19410+00 TO 19435+00

CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4086
SCALE
AS SHOWN
SHEET NO.
1208

MATCH LINE (UT-C4267)

UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	OH POWER	69kV	SCE TRANS	RELOCATE
2	OH POWER	69kV	SCE TRANS	RELOCATE
3	OH POWER	69kV	SCE TRANS	RELOCATE
4	OH POWER	69kV	SCE TRANS	RELOCATE
5	NATURAL GAS	34"	PG&E TRANS	RELOCATE
6	FIBER OPTIC	UNK	LEVEL 3	RELOCATE
7	FIBER OPTIC	UNK	ATT	RELOCATE
8	POWER	3-35kV	BROOKFIELD	RELOCATE
9	POWER	3-35kV	BROOKFIELD	RELOCATE
10	POWER	3-35kV	BROOKFIELD	RELOCATE
11	POWER	6-35kV	BROOKFIELD	RELOCATE
12	POWER	3-35kV	BROOKFIELD	RELOCATE

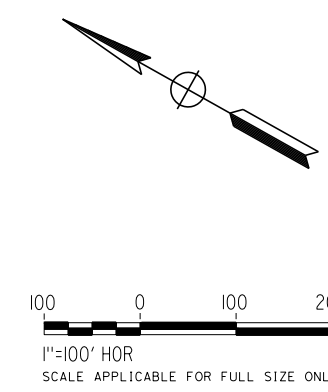


MATCH LINE (UT-C4086)

MATCH LINE (UT-C4088)

UTILITY INFORMATION CONT.				
#	FACILITY	SIZE	OWNER	DISPOSITION
13	WIND TURBINE	2MW	BROOKFIELD	RELOCATE
14	WIND TURBINE	2MW	BROOKFIELD	RELOCATE
15	WIND TURBINE	UNK	BROOKFIELD	RELOCATE
16	WIND TURBINE	2MW	BROOKFIELD	RELOCATE
17	WIND TURBINE	2MW	BROOKFIELD	RELOCATE
18	WIND TURBINE	2MW	BROOKFIELD	RELOCATE
19	FIRE WATER	4"	CHSR	NEW
20	WATER	6"	TEHACHAPI CUMMINGS	PROTECT IN PLACE
21	OH POWER	69kV	SCE TRANS	PROTECT IN PLACE
22	OH POWER	69kV	SCE TRANS	PROTECT IN PLACE
23	ELEC POWER	TBD	CHSR	NEW

MATCH LINE (UT-C4268)



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D. HOLMAN
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J. LOPEZ
CHECKED BY
G. CAMPBELL
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

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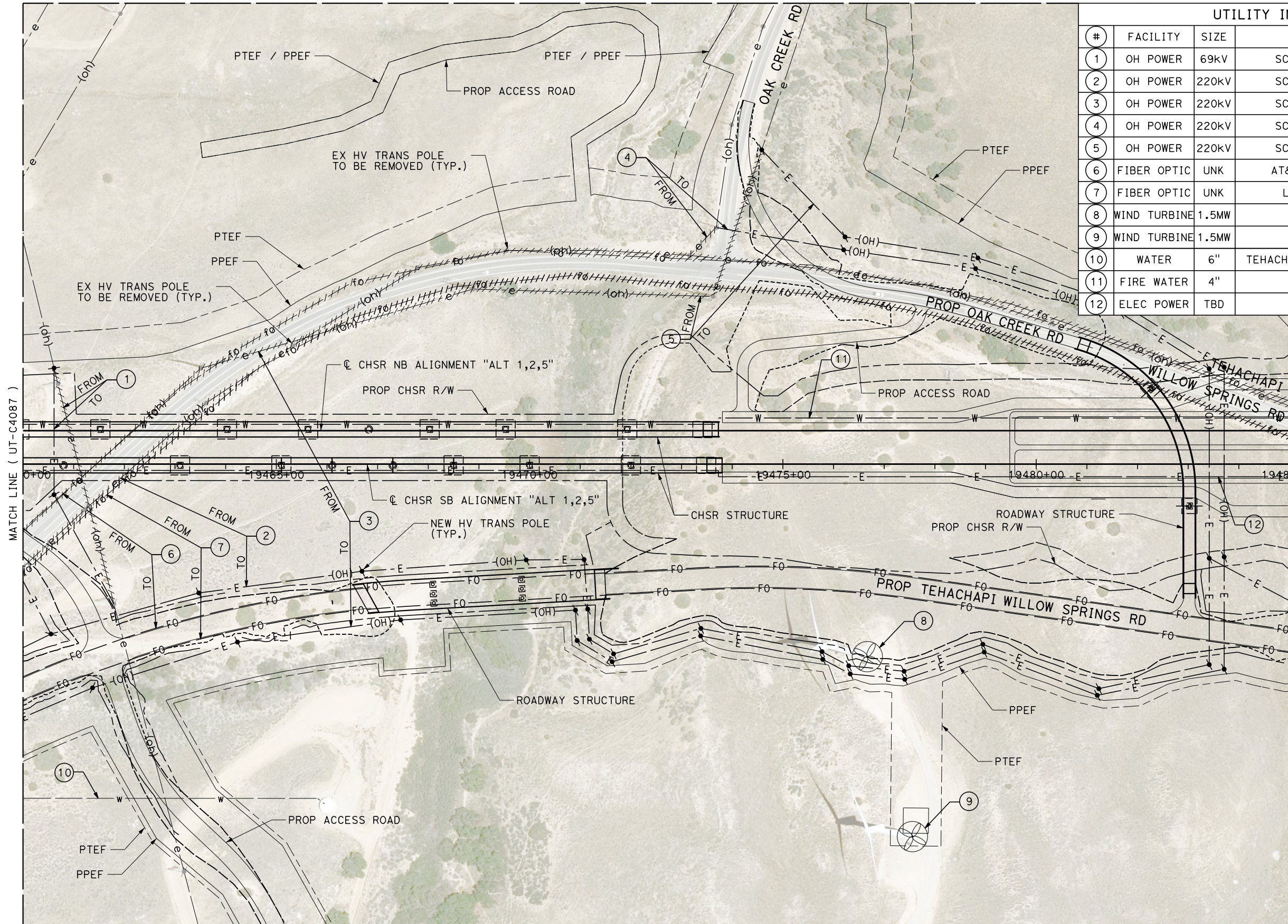
**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
COMPOSITE UTILITY PLANS
ALTERNATIVE 1,2,5
STA 19435+00 TO 19460+00

CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4087
SCALE
AS SHOWN
SHEET NO.
1209

MATCH LINE (UT-C4159)

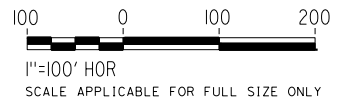
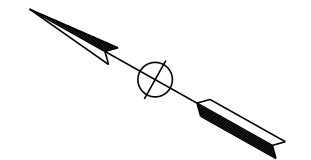
UTILITY INFORMATION

#	FACILITY	SIZE	OWNER	DISPOSITION
1	OH POWER	69KV	SCE TRANS	RELOCATE
2	OH POWER	220KV	SCE TRANS	RELOCATE
3	OH POWER	220KV	SCE TRANS	RELOCATE
4	OH POWER	220KV	SCE TRANS	RELOCATE
5	OH POWER	220KV	SCE TRANS	RELOCATE
6	FIBER OPTIC	UNK	AT&T TRANS	RELOCATE
7	FIBER OPTIC	UNK	LEVEL 3	RELOCATE
8	WIND TURBINE	1.5MW	NRG	RELOCATE
9	WIND TURBINE	1.5MW	NRG	RELOCATE
10	WATER	6"	TEHACHAPI CUMMINGS	PROTECT IN PLACE
11	FIRE WATER	4"	CHSR	NEW
12	ELEC POWER	TBD	CHSR	NEW



MATCH LINE (UT-C4087)

MATCH LINE (UT-C4089)



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G. CAMPBELL
DATE
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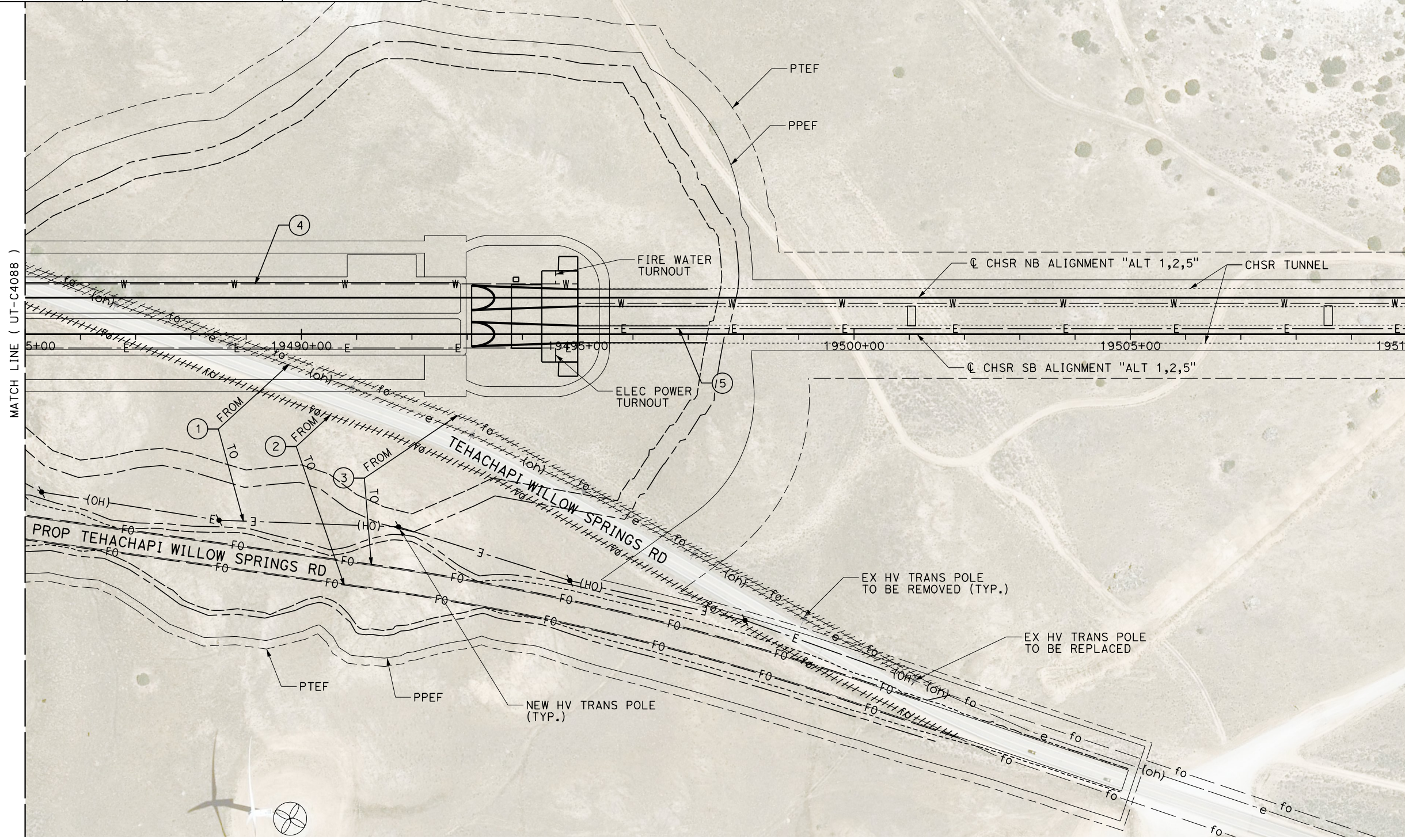
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CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
COMPOSITE UTILITY PLANS
ALTERNATIVE 1,2,5
STA 19460+00 TO 19485+00

CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4088
SCALE
AS SHOWN
SHEET NO.
1210

UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	OH POWER	69KV	SCE TRANS	RELOCATE
2	FIBER OPTIC	UNK	LEVEL 3	RELOCATE
3	FIBER OPTIC	UNK	AT&T TRANS	RELOCATE
4	FIRE WATER	4"	CHSR	NEW
5	ELEC POWER	TBD	CHSR	NEW



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G. CAMPBELL

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CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
COMPOSITE UTILITY PLANS
ALTERNATIVE 1,2,5
STA 19485+00 TO 19510+00

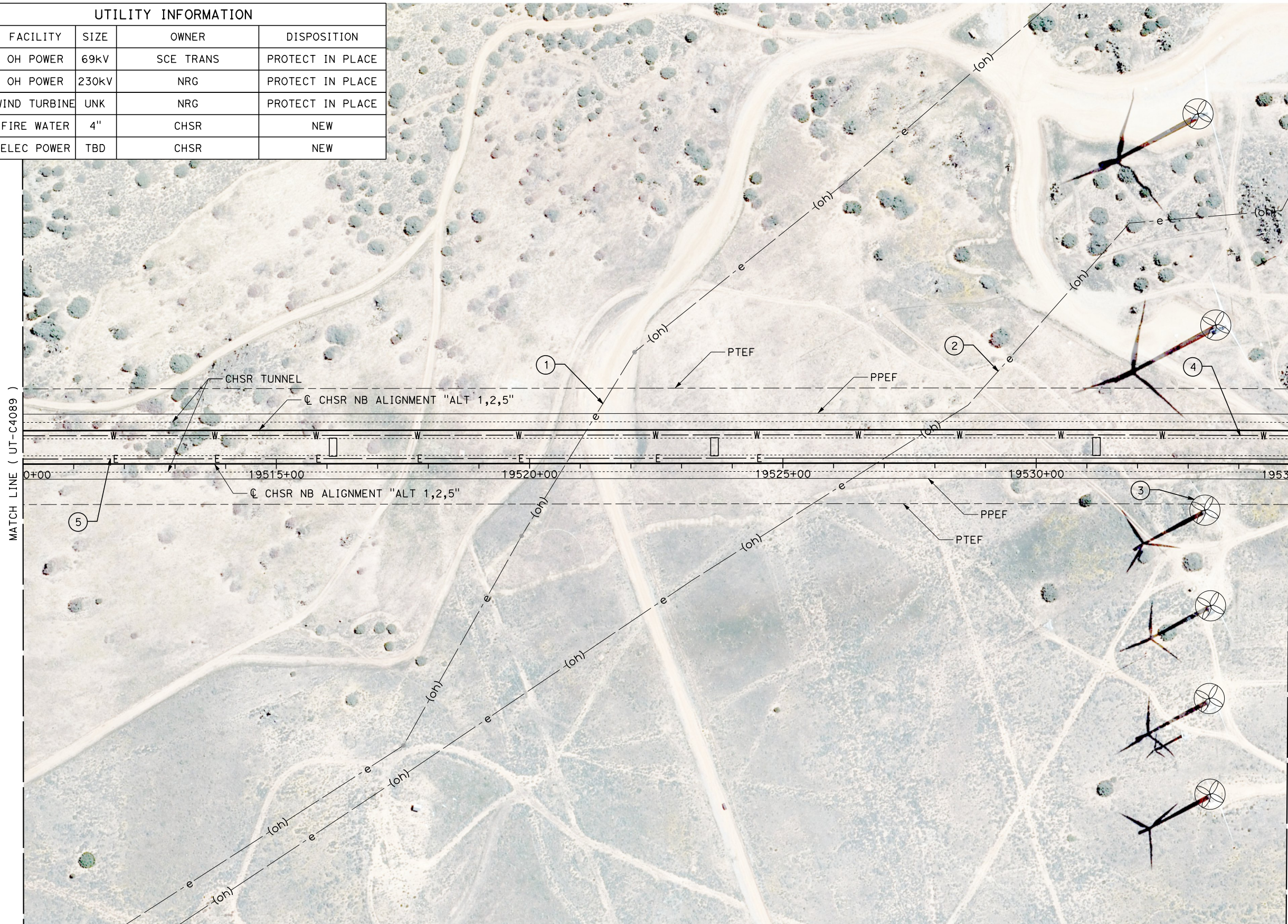
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HSR13-44

DRAWING NO.
UT-C4089

SCALE
AS SHOWN

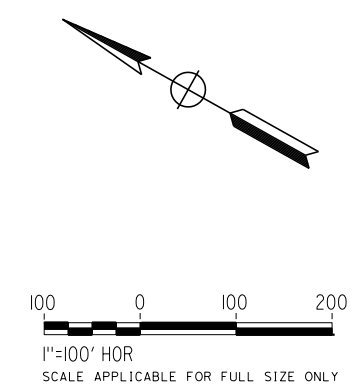
SHEET NO.
1211

UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	OH POWER	69kV	SCE TRANS	PROTECT IN PLACE
2	OH POWER	230kV	NRG	PROTECT IN PLACE
3	WIND TURBINE	UNK	NRG	PROTECT IN PLACE
4	FIRE WATER	4"	CHSR	NEW
5	ELEC POWER	TBD	CHSR	NEW



MATCH LINE (UT-C4089)

MATCH LINE (UT-C4091)



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IN CHARGE
G. CAMPBELL

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CALIFORNIA HIGH-SPEED RAIL PROJECT

BAKERSFIELD TO PALMDALE

COMPOSITE UTILITY PLANS
ALTERNATIVE 1,2,5
STA 19510+00 TO 19535+00

CONTRACT NO.
HSR13-44

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UT-C4090

SCALE
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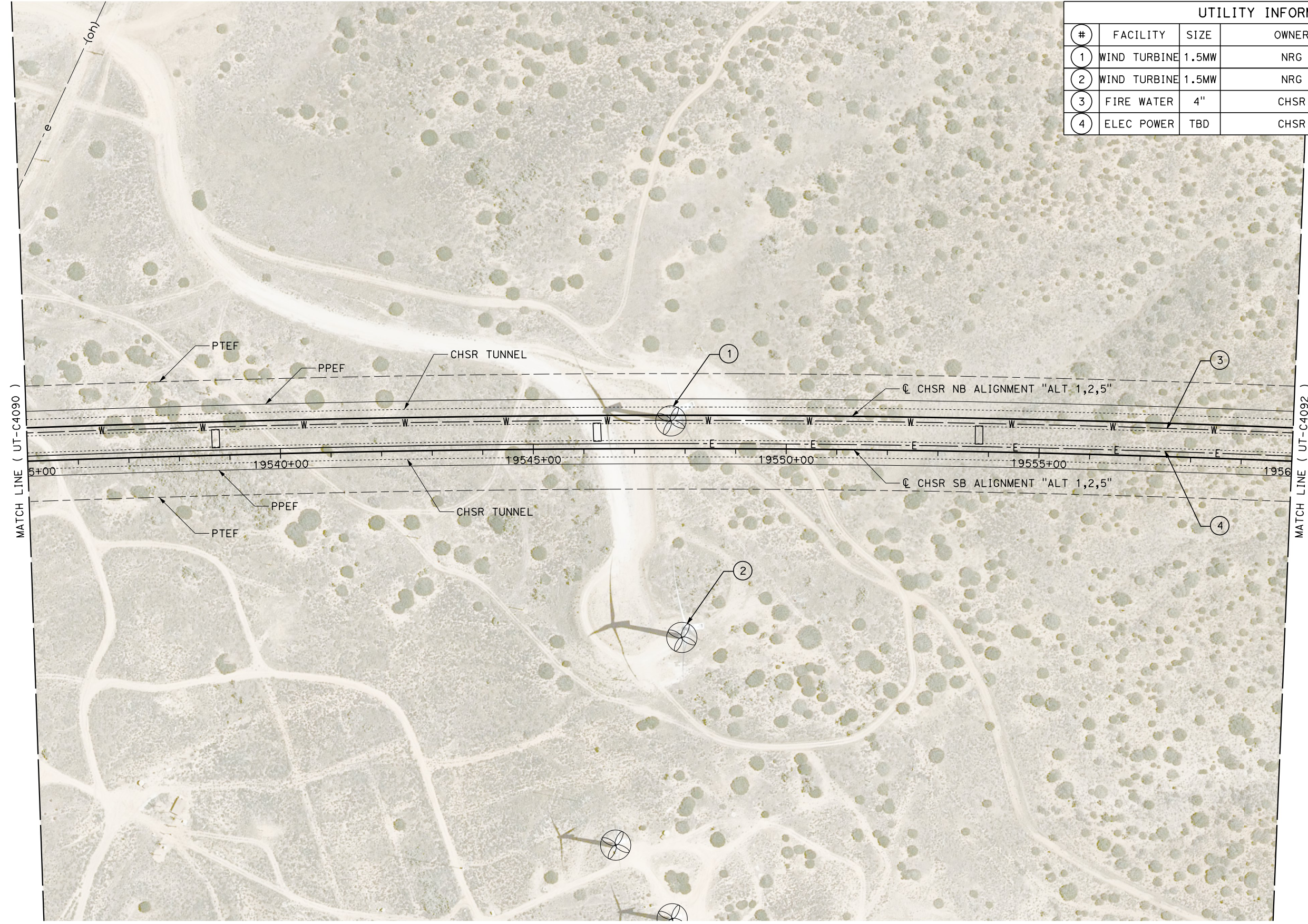
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UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	WIND TURBINE	1.5MW	NRG	PROTECT IN PLACE
2	WIND TURBINE	1.5MW	NRG	PROTECT IN PLACE
3	FIRE WATER	4"	CHSR	NEW
4	ELEC POWER	TBD	CHSR	NEW



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CHECKED BY
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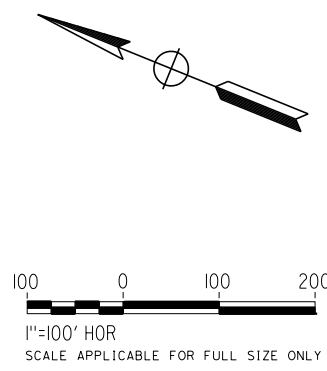
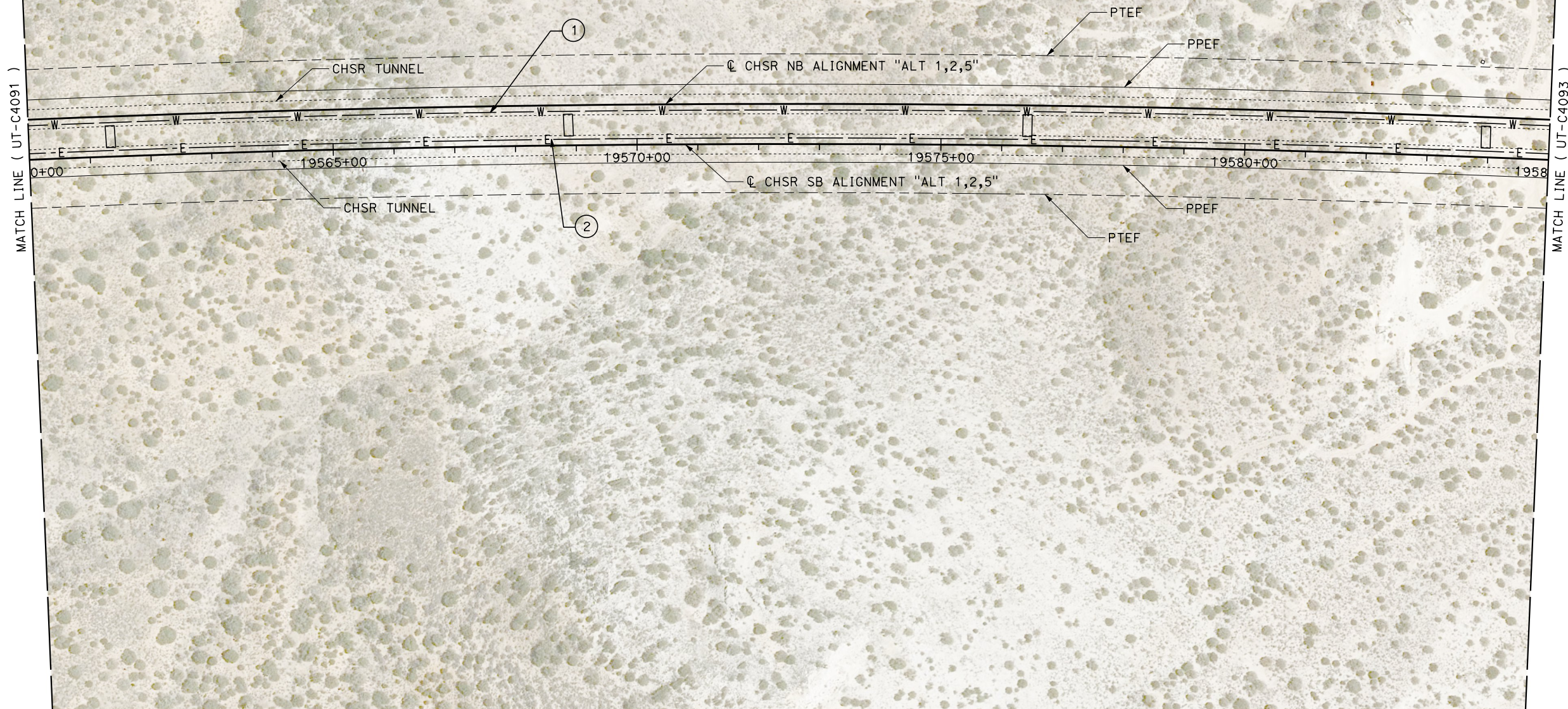
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**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
COMPOSITE UTILITY PLANS
ALTERNATIVE 1,2,5
STA 19535+00 TO 19560+00

CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4091
SCALE
AS SHOWN
SHEET NO.
1213

UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	FIRE WATER	4"	CHSR	NEW
2	ELEC POWER	TBD	CHSR	NEW



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G. CAMPBELL
DATE
01/29/2021

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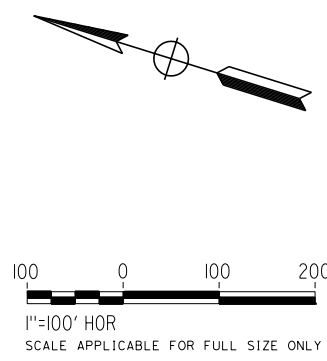
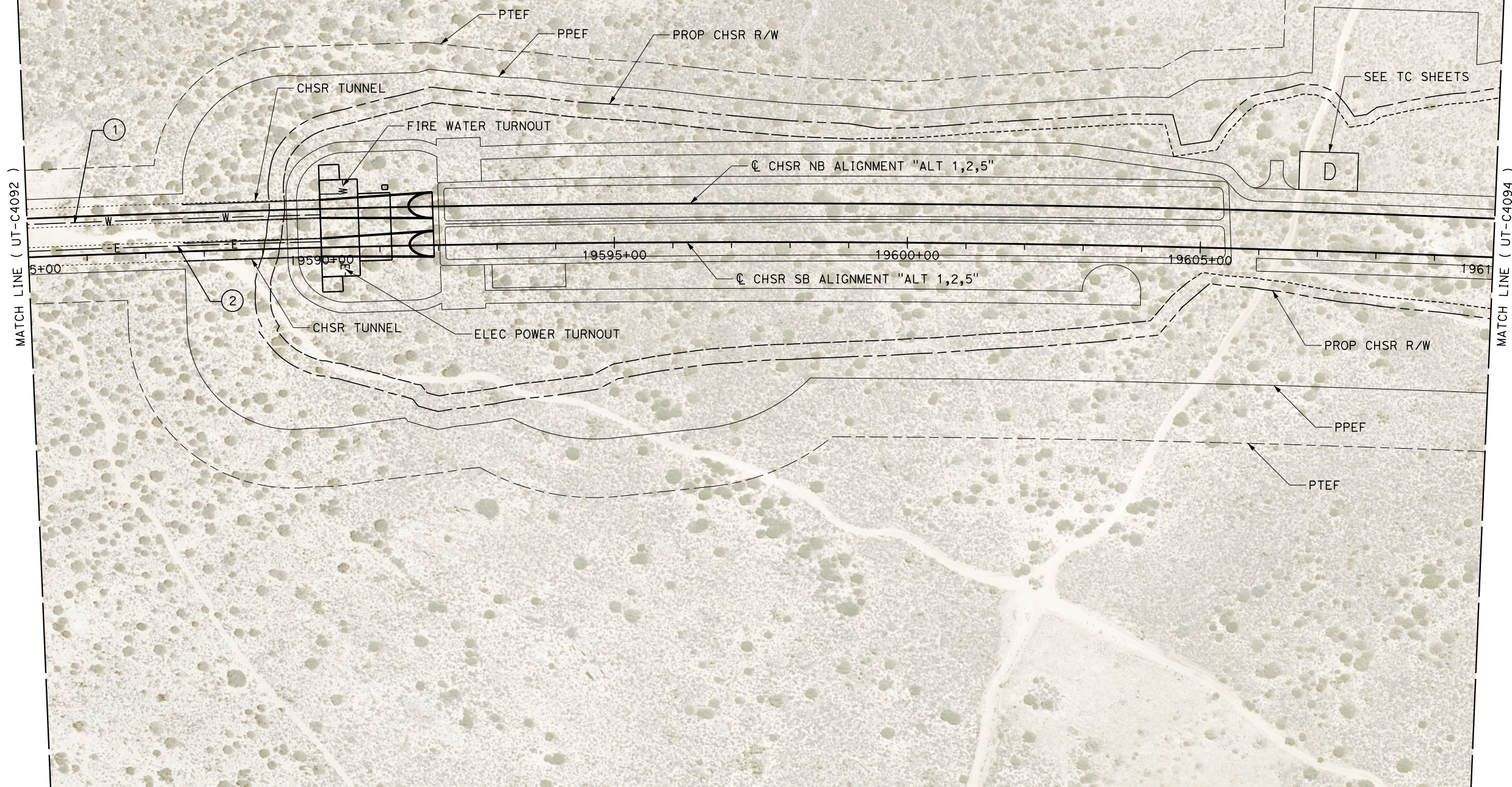
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BAKERSFIELD TO PALMDALE
COMPOSITE UTILITY PLANS
ALTERNATIVE 1,2,5
STA 19560+00 TO 19585+00

CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4092
SCALE
AS SHOWN
SHEET NO.
1214

UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	FIRE WATER	4"	CHSR	NEW
2	ELEC POWER	TBD	CHSR	NEW



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CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
COMPOSITE UTILITY PLANS
ALTERNATIVE 1,2,5
STA 19585+00 TO 19610+00

CONTRACT NO.
HSR13-44

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UT-C4093

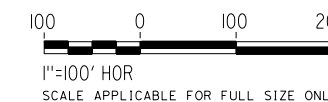
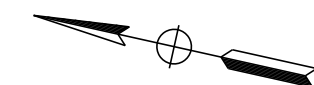
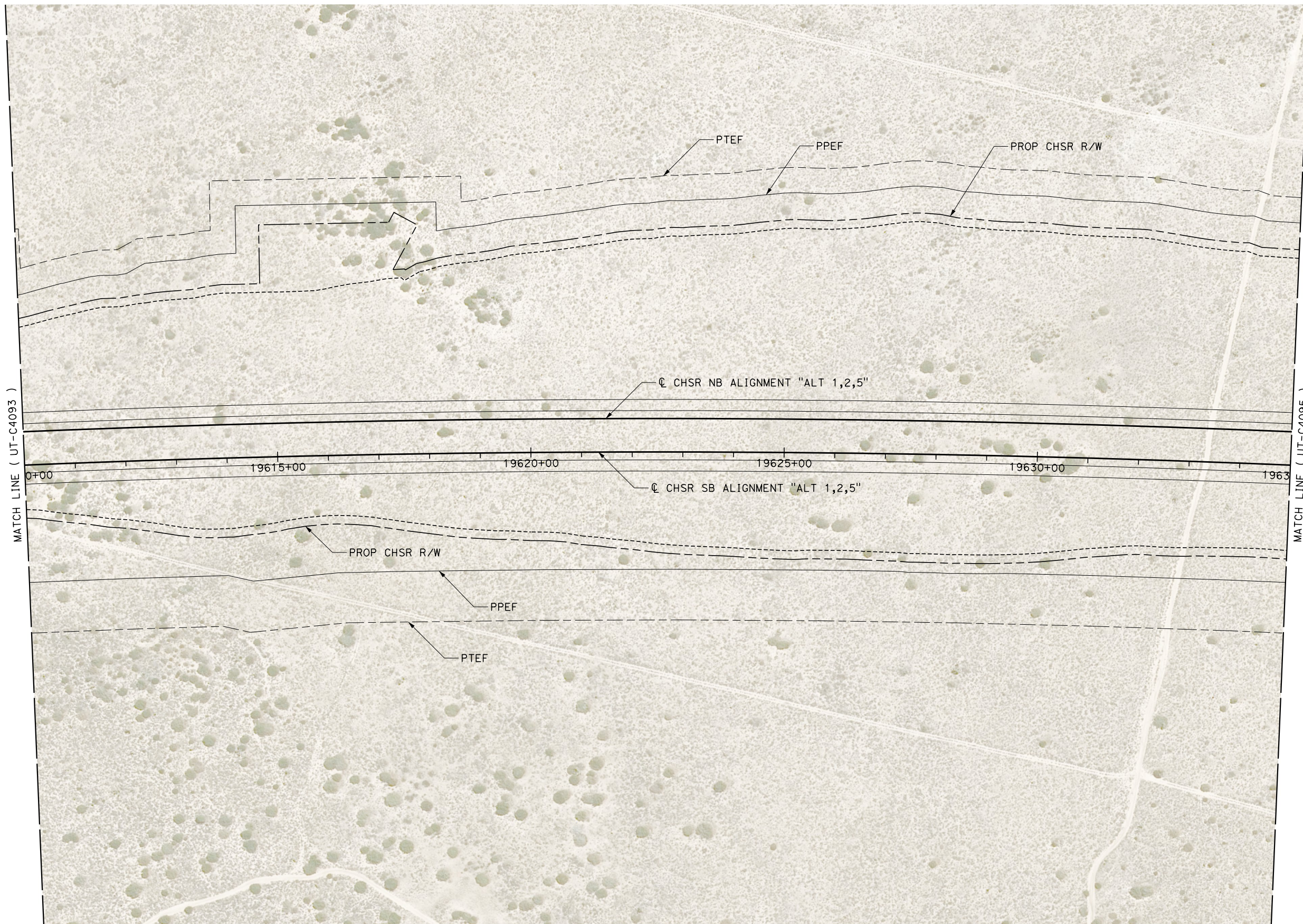
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1215

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G. CAMPBELL
DATE
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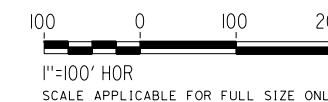
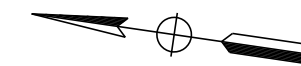
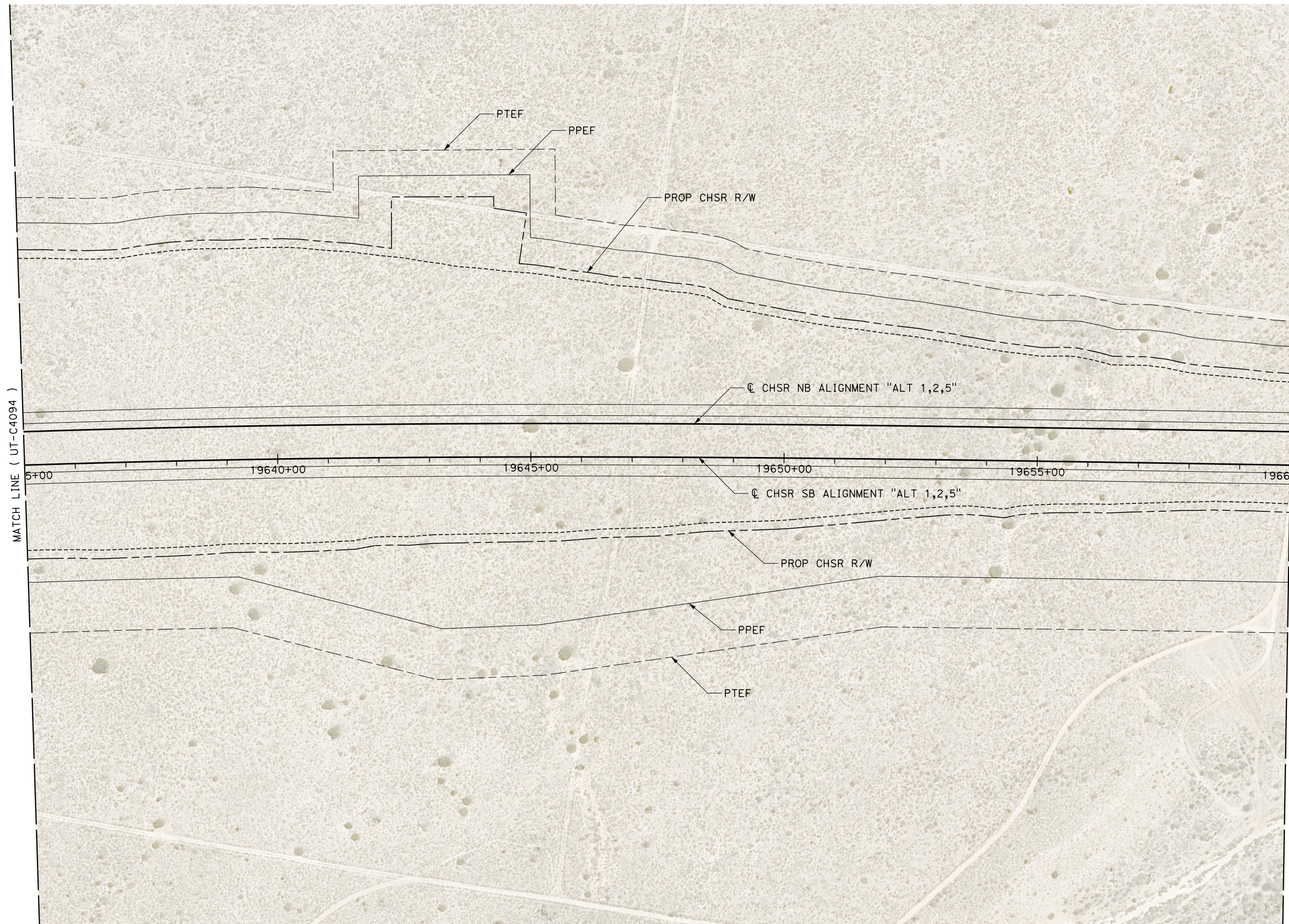
CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
COMPOSITE UTILITY PLANS
ALTERNATIVE 1,2,5
STA 19610+00 TO 19635+00

CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4094
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1216

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G. CAMPBELL
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**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
COMPOSITE UTILITY PLANS
ALTERNATIVE 1,2,5
STA 19635+00 TO 19660+00

CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4095
SCALE
AS SHOWN
SHEET NO.
1217