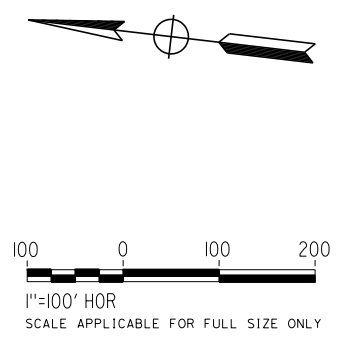
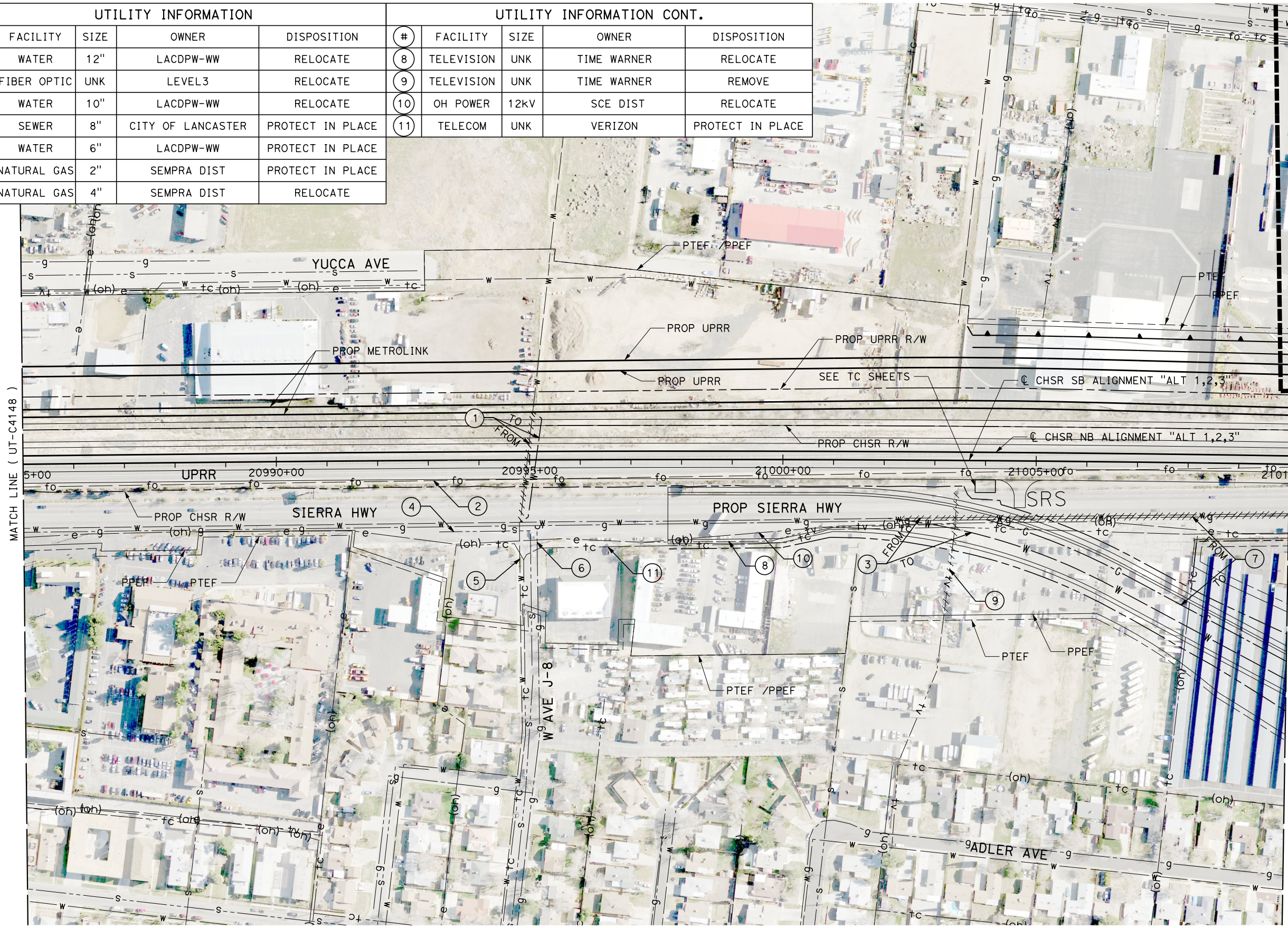


UTILITY INFORMATION				UTILITY INFORMATION CONT.					
#	FACILITY	SIZE	OWNER	DISPOSITION	#	FACILITY	SIZE	OWNER	DISPOSITION
1	WATER	12"	LACDPW-WW	RELOCATE	8	TELEVISION	UNK	TIME WARNER	RELOCATE
2	FIBER OPTIC	UNK	LEVEL3	RELOCATE	9	TELEVISION	UNK	TIME WARNER	REMOVE
3	WATER	10"	LACDPW-WW	RELOCATE	10	OH POWER	12KV	SCE DIST	RELOCATE
4	SEWER	8"	CITY OF LANCASTER	PROTECT IN PLACE	11	TELECOM	UNK	VERIZON	PROTECT IN PLACE
5	WATER	6"	LACDPW-WW	PROTECT IN PLACE					
6	NATURAL GAS	2"	SEMPRA DIST	PROTECT IN PLACE					
7	NATURAL GAS	4"	SEMPRA DIST	RELOCATE					



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1/23/2021 3:15:18 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

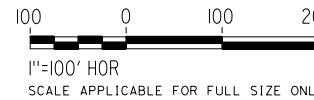
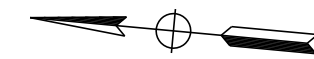
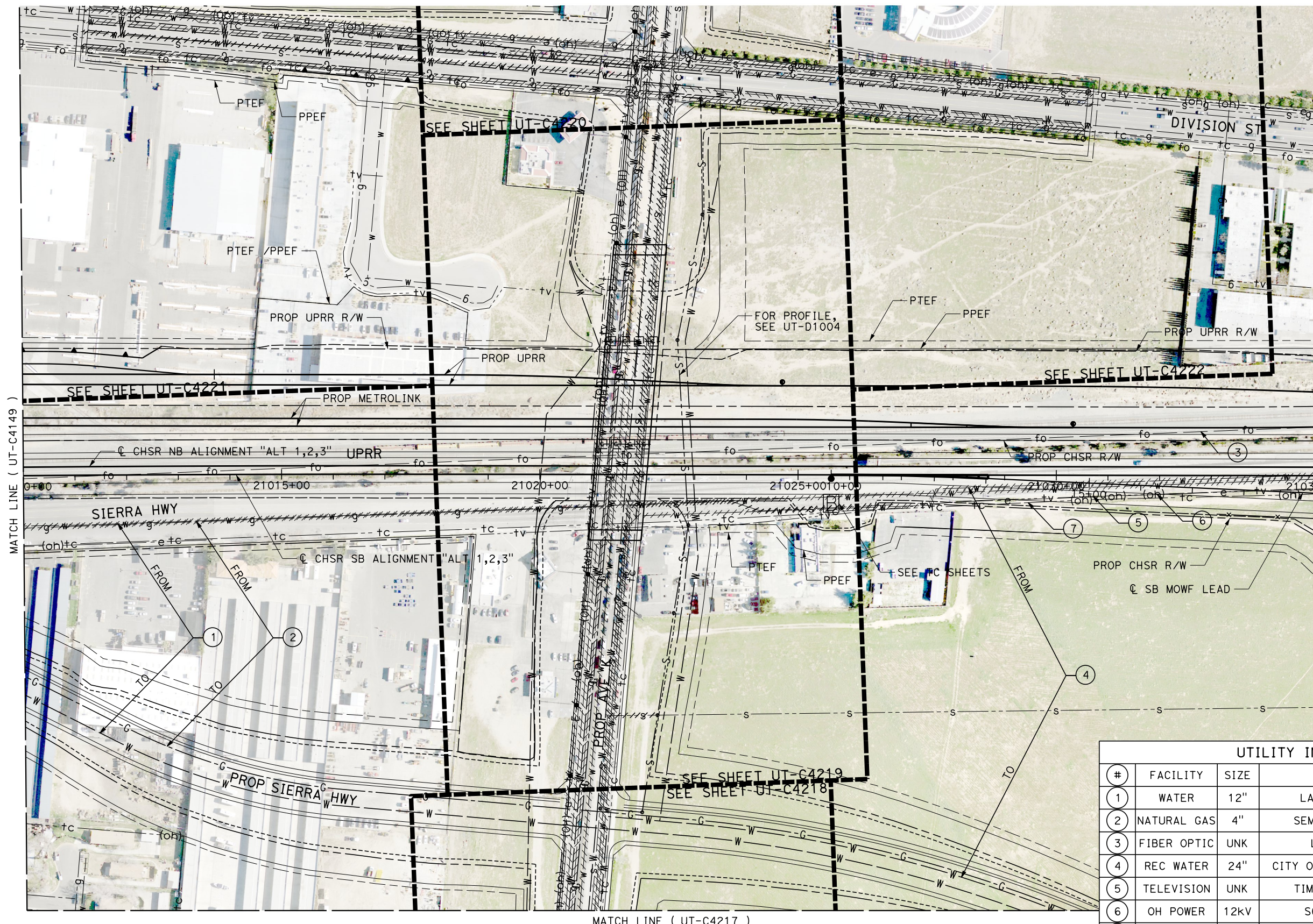
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CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
COMPOSITE UTILITY PLANS
ALTERNATIVE 1,2,3
STA 20985+00 TO 21010+00

CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4149
SCALE
AS SHOWN
SHEET NO.
169



UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	WATER	12"	LACDPW-WW	RELOCATE
2	NATURAL GAS	4"	SEMPRA DIST	RELOCATE
3	FIBER OPTIC	UNK	LEVEL3	RELOCATE
4	REC WATER	24"	CITY OF LANCASTER	RELOCATE
5	TELEVISION	UNK	TIME WARNER	RELOCATE
6	OH POWER	12KV	SCE DIST	RELOCATE
7	OH TELECOM	UNK	VERIZON	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

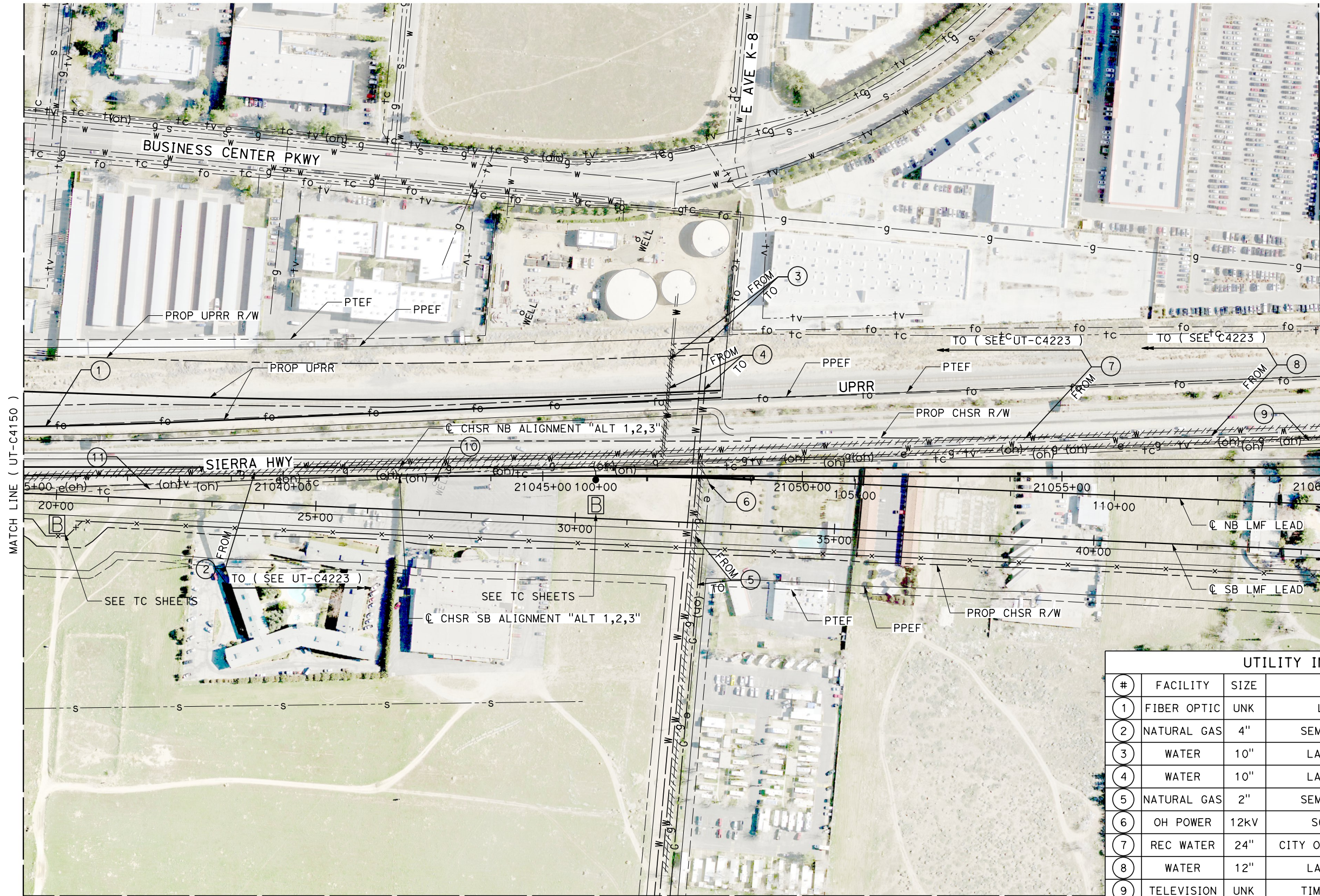
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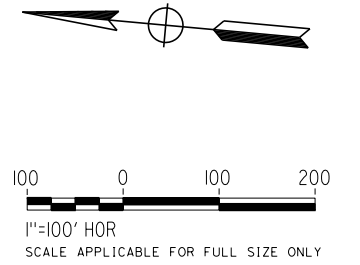
**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
COMPOSITE UTILITY PLANS
ALTERNATIVE 1,2,3
STA 21010+00 TO 21035+00

CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4150
SCALE
AS SHOWN
SHEET NO.
170



MATCH LINE (UT-C4150)

MATCH LINE (UT-C4152)



UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	FIBER OPTIC	UNK	LEVEL3	PROTECT IN PLACE
2	NATURAL GAS	4"	SEMPRA DIST	RELOCATE
3	WATER	10"	LACDPW-WW	RELOCATE
4	WATER	10"	LACDPW-WW	RELOCATE
5	NATURAL GAS	2"	SEMPRA DIST	RELOCATE
6	OH POWER	12KV	SCE DIST	RELOCATE
7	REC WATER	24"	CITY OF LANCASTER	RELOCATE
8	WATER	12"	LACDPW-WW	RELOCATE
9	TELEVISION	UNK	TIME WARNER	RELOCATE
10	GWAW	UNK	USGS	ABANDON
11	OH TELECOM	UNK	VERIZON	RELOCATE

MATCH LINE (UT-C4223)

REV	DATE	BY	CHK	APP	DESCRIPTION

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

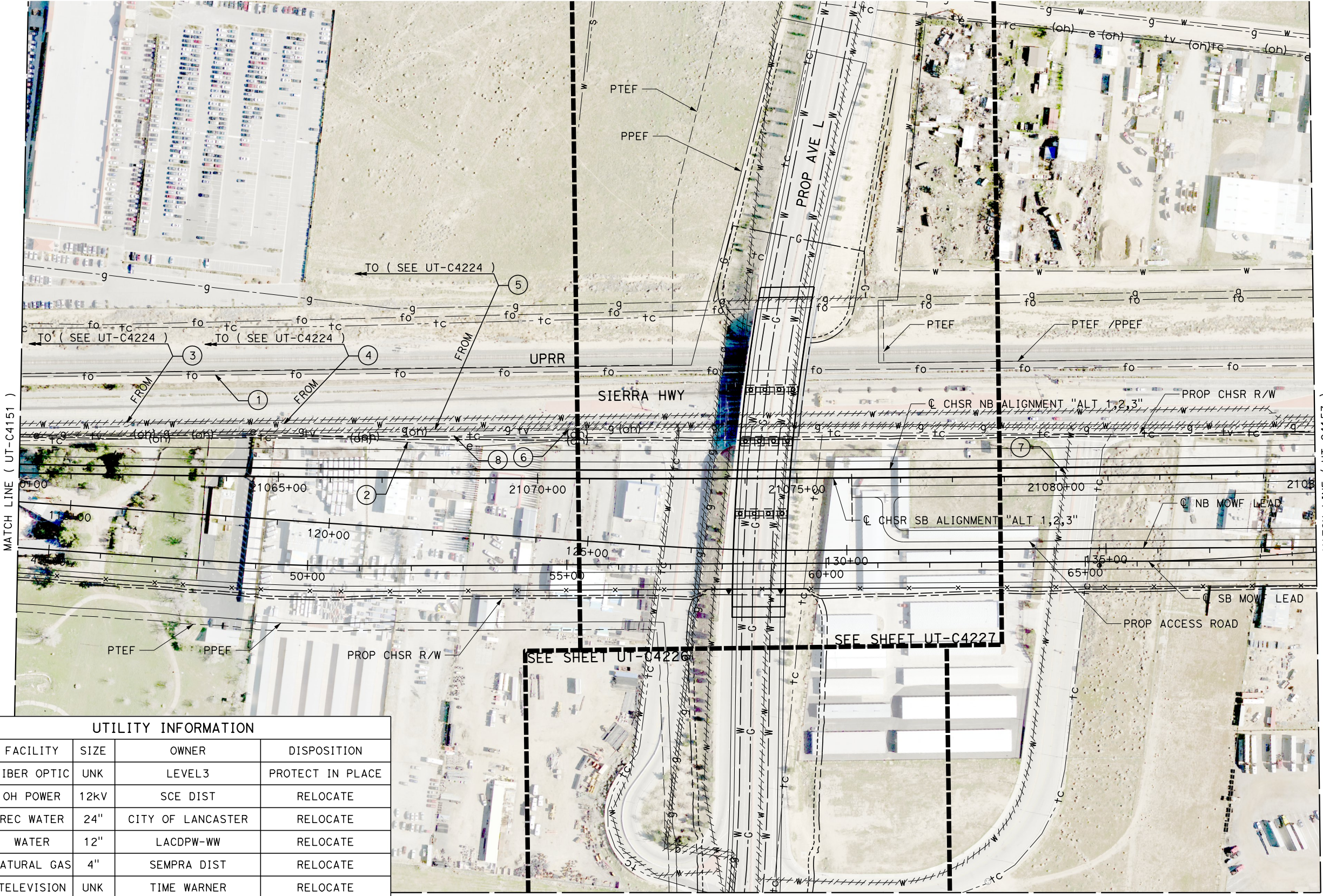
**RECORD SET
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CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
COMPOSITE UTILITY PLANS
ALTERNATIVE 1,2,3
STA 21035+00 TO 21060+00

CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4151
SCALE
AS SHOWN
SHEET NO.
171



MATCH LINE (UT-C4151)

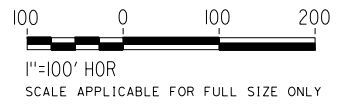
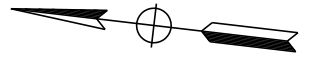
MATCH LINE (UT-C4153)

SEE SHEET UT-C4226

SEE SHEET UT-C4227

MATCH LINE (UT-C4224)

UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	FIBER OPTIC	UNK	LEVEL3	PROTECT IN PLACE
2	OH POWER	12kV	SCE DIST	RELOCATE
3	REC WATER	24"	CITY OF LANCASTER	RELOCATE
4	WATER	12"	LACDPW-WW	RELOCATE
5	NATURAL GAS	4"	SEMPRA DIST	RELOCATE
6	TELEVISION	UNK	TIME WARNER	RELOCATE
7	WATER	12"	LACDPW-WW	REMOVE
8	OH TELECOM	UNK	VERIZON	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
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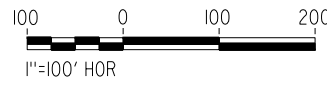
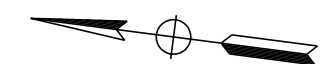
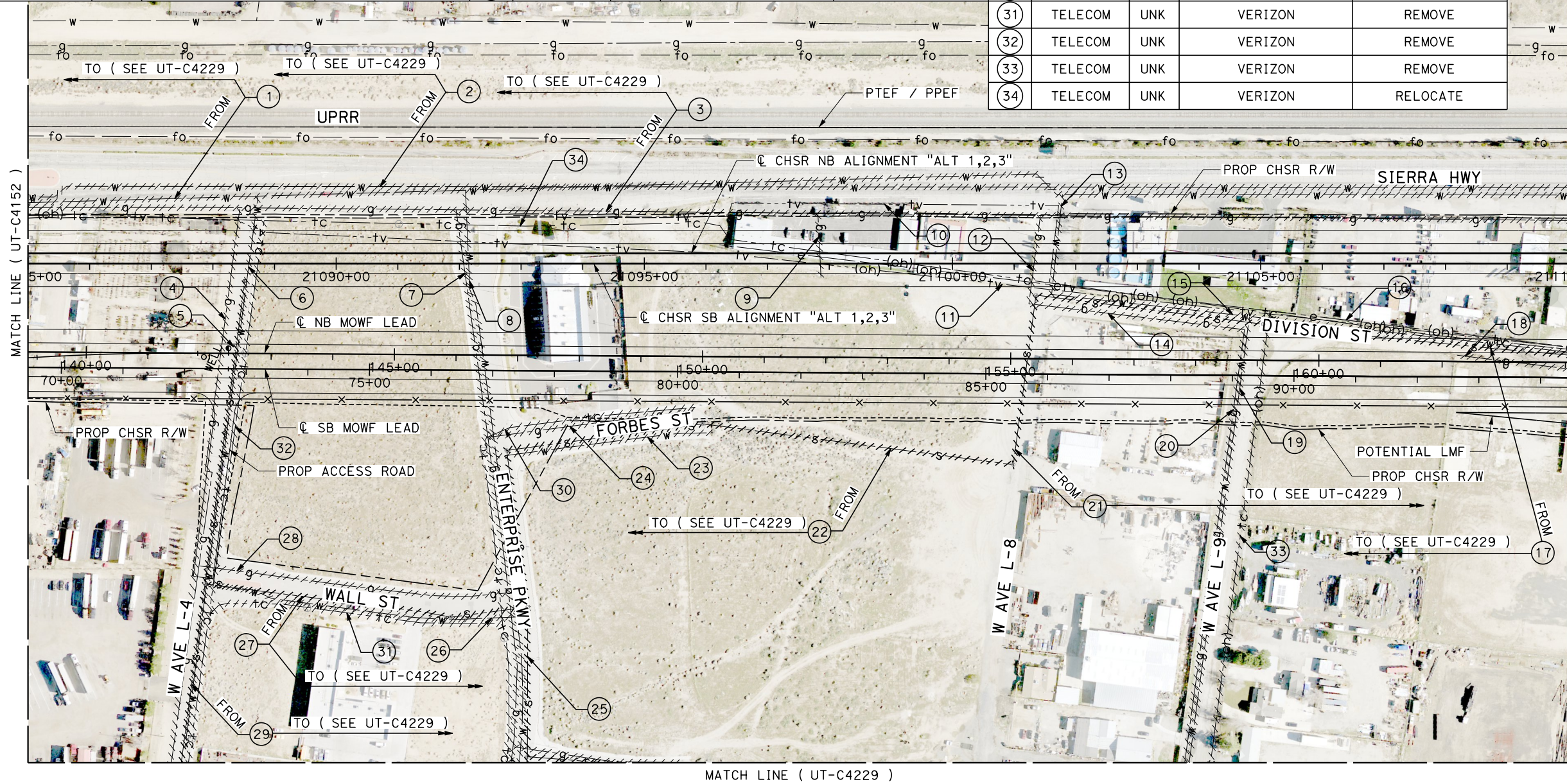
CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
COMPOSITE UTILITY PLANS
ALTERNATIVE 1,2,3
STA 21060+00 TO 21085+00

CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4152
SCALE
AS SHOWN
SHEET NO.
172

UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	WATER	10"	LACDPW-WW	RELOCATE
2	REC WATER	24"	CITY OF LANCASTER	RELOCATE
3	NATURAL GAS	4"	SEMPRA DIST	RELOCATE
4	NATURAL GAS	2"	SEMPRA DIST	REMOVE
5	SEWER	8"	CITY OF LANCASTER	REMOVE
6	WATER	12"	LACDPW-WW	REMOVE
7	NATURAL GAS	2"	SEMPRA DIST	REMOVE
8	WATER	10"	LACDPW-WW	REMOVE
9	NATURAL GAS	2"	SEMPRA DIST	REMOVE
10	TELEVISION	UNK	TIME WARNER	RELOCATE

UTILITY INFORMATION CONT.				
#	FACILITY	SIZE	OWNER	DISPOSITION
11	TELEVISION	UNK	TIME WARNER	RELOCATE
12	NATURAL GAS	2"	SEMPRA DIST	REMOVE
13	WATER	8"	LACDPW-WW	REMOVE
14	NATURAL GAS	2"	SEMPRA DIST	REMOVE
15	WATER	8"	CITY OF LANCASTER	REMOVE
16	OH POWER	UNK	SCE DIST	REMOVE
17	SEWER	15"	LACSD	RELOCATE
18	NATURAL GAS	2"	SEMPRA DIST	REMOVE
19	WATER	8"	LACDPW-WW	REMOVE
20	NATURAL GAS	2"	SEMPRA DIST	REMOVE

UTILITY INFORMATION CONT.				
#	FACILITY	SIZE	OWNER	DISPOSITION
21	SEWER	15"	LACSD	RELOCATE
22	SEWER	15"	LACSD	RELOCATE
23	WATER	10"	LACDPW-WW	REMOVE
24	NATURAL GAS	2"	SEMPRA DIST	REMOVE
25	SEWER	15"	LACSD	REMOVE
26	WATER	10"	LACDPW-WW	REMOVE
27	SEWER	15"	LACSD	RELOCATE
28	NATURAL GAS	2"	SEMPRA DIST	REMOVE
29	SEWER	15"	LACSD	RELOCATE
30	TELECOM	UNK	VERIZON	REMOVE
31	TELECOM	UNK	VERIZON	REMOVE
32	TELECOM	UNK	VERIZON	REMOVE
33	TELECOM	UNK	VERIZON	REMOVE
34	TELECOM	UNK	VERIZON	RELOCATE



SCALE APPLICABLE FOR FULL SIZE ONLY

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DESIGNED BY
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 1,2,3
STA 21085+00 TO 21110+00

CONTRACT NO.
HSR13-44

DRAWING NO.
UT-C4153

SCALE
AS SHOWN

SHEET NO.
173

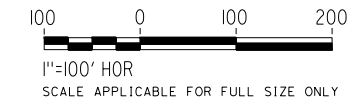
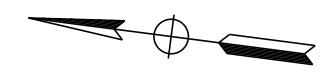
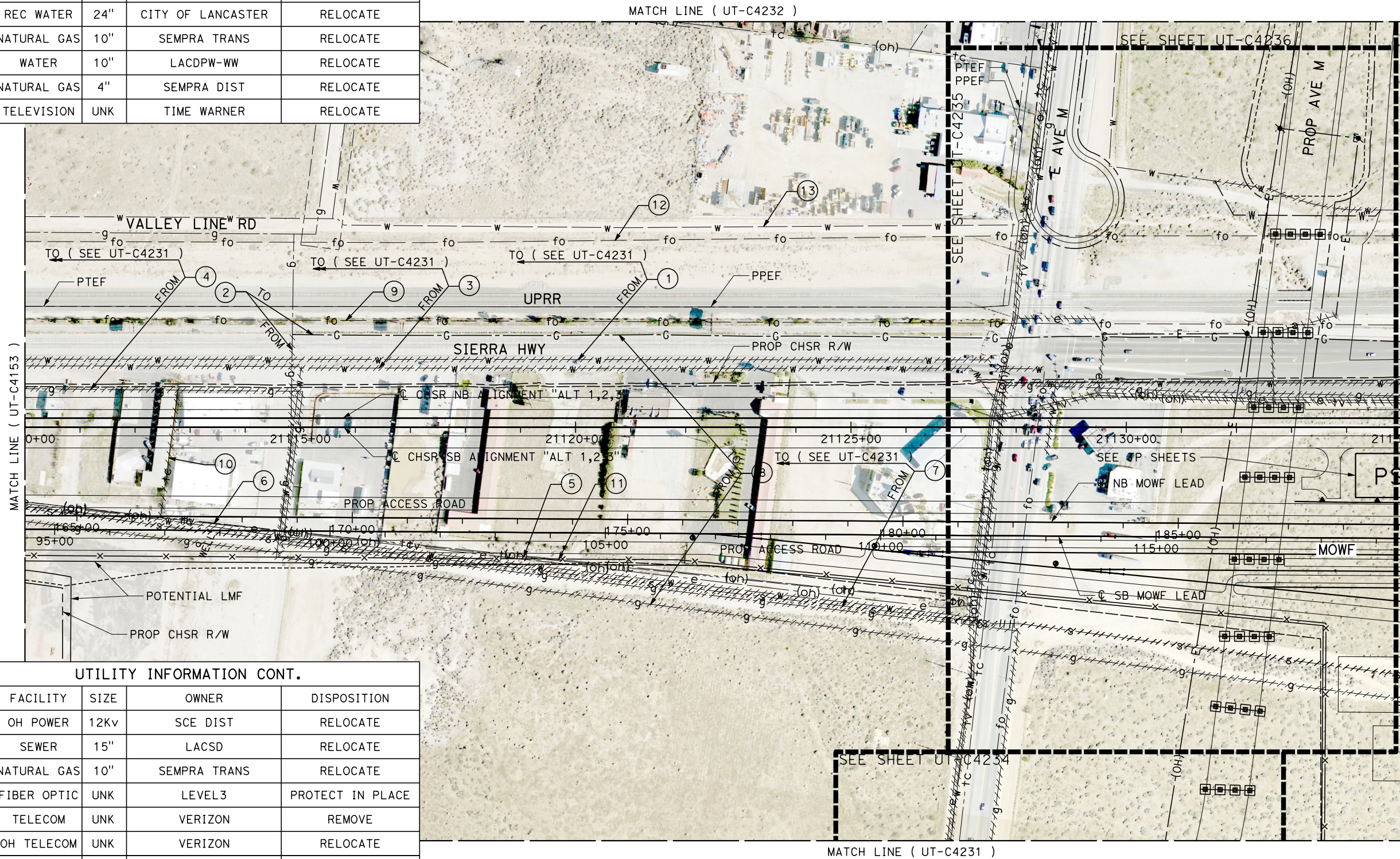
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UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	REC WATER	24"	CITY OF LANCASTER	RELOCATE
2	NATURAL GAS	10"	SEMPRA TRANS	RELOCATE
3	WATER	10"	LACDPW-WW	RELOCATE
4	NATURAL GAS	4"	SEMPRA DIST	RELOCATE
5	TELEVISION	UNK	TIME WARNER	RELOCATE

UTILITY INFORMATION CONT.				
#	FACILITY	SIZE	OWNER	DISPOSITION
6	OH POWER	12kv	SCE DIST	RELOCATE
7	SEWER	15"	LACSD	RELOCATE
8	NATURAL GAS	10"	SEMPRA TRANS	RELOCATE
9	FIBER OPTIC	UNK	LEVEL3	PROTECT IN PLACE
10	TELECOM	UNK	VERIZON	REMOVE
11	OH TELECOM	UNK	VERIZON	RELOCATE
12	FIBER OPTIC	UNK	AT&T TRANS	PROTECT IN PLACE
13	WATER	8"	LMWC	PROTECT IN PLACE



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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
STA 21110+00 TO 21135+00

CONTRACT NO.
HSR13-44

DRAWING NO.
UT-C4154

SCALE
AS SHOWN

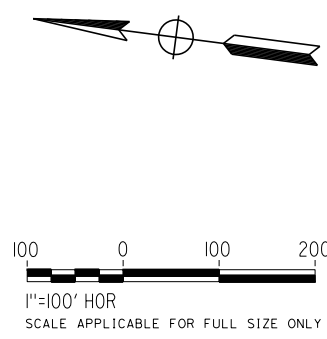
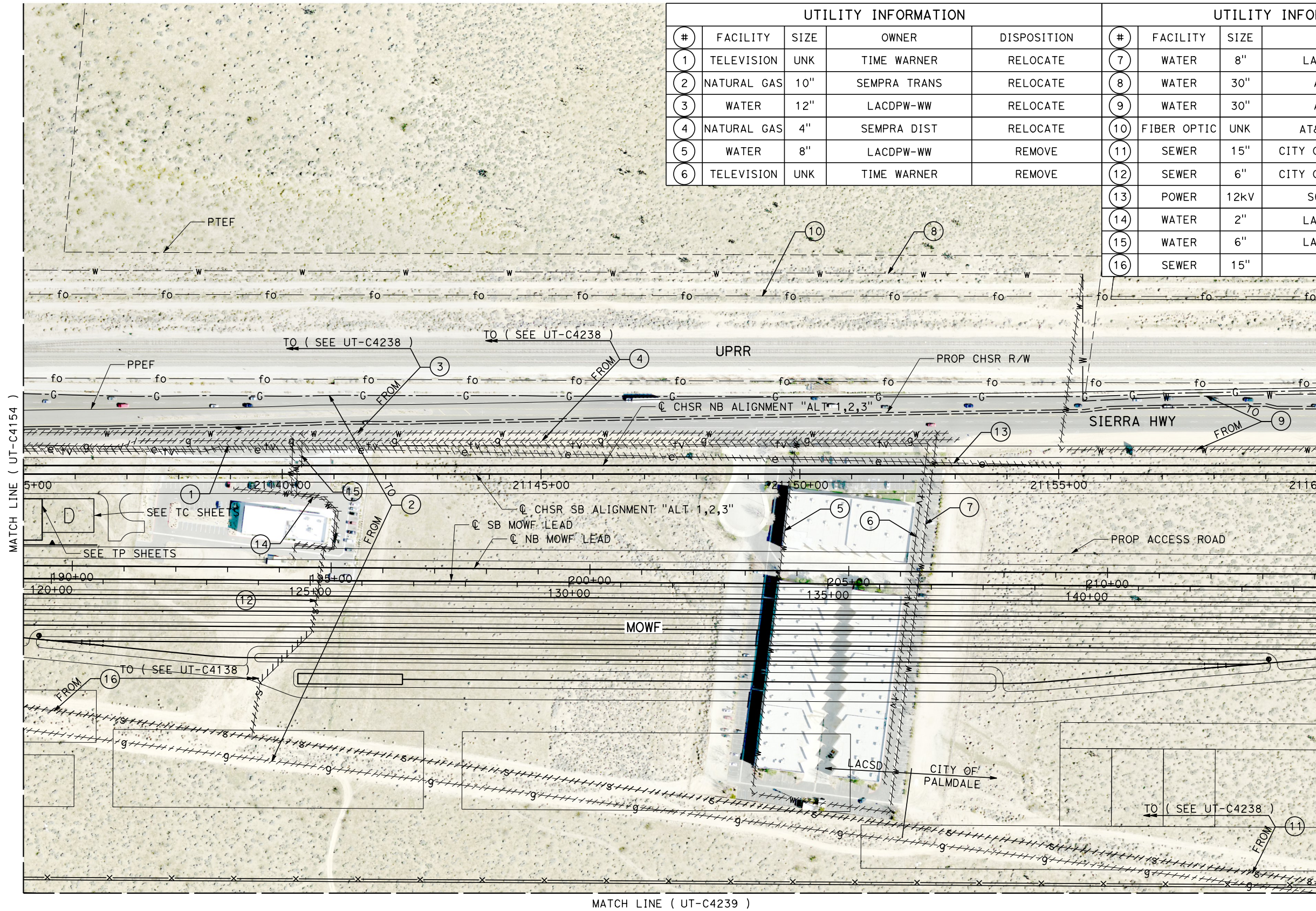
SHEET NO.
174

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1/23/2021 5:57:00 PM

javier_lopez@tylin.com

UTILITY INFORMATION					UTILITY INFORMATION CONT.				
#	FACILITY	SIZE	OWNER	DISPOSITION	#	FACILITY	SIZE	OWNER	DISPOSITION
1	TELEVISION	UNK	TIME WARNER	RELOCATE	7	WATER	8"	LACDPW-WW	REMOVE
2	NATURAL GAS	10"	SEMPRA TRANS	RELOCATE	8	WATER	30"	AVEKWA	PROTECT IN PLACE
3	WATER	12"	LACDPW-WW	RELOCATE	9	WATER	30"	AVEKWA	RELOCATE
4	NATURAL GAS	4"	SEMPRA DIST	RELOCATE	10	FIBER OPTIC	UNK	AT&T TRANS	PROTECT IN PLACE
5	WATER	8"	LACDPW-WW	REMOVE	11	SEWER	15"	CITY OF PALMDALE	RELOCATE
6	TELEVISION	UNK	TIME WARNER	REMOVE	12	SEWER	6"	CITY OF PALMDALE	REMOVE
					13	POWER	12KV	SCE DIST	REMOVE
					14	WATER	2"	LACDPW-WW	REMOVE
					15	WATER	6"	LACDPW-WW	REMOVE
					16	SEWER	15"	LACSD	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

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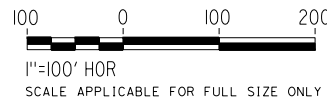
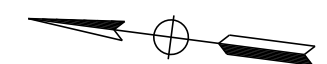
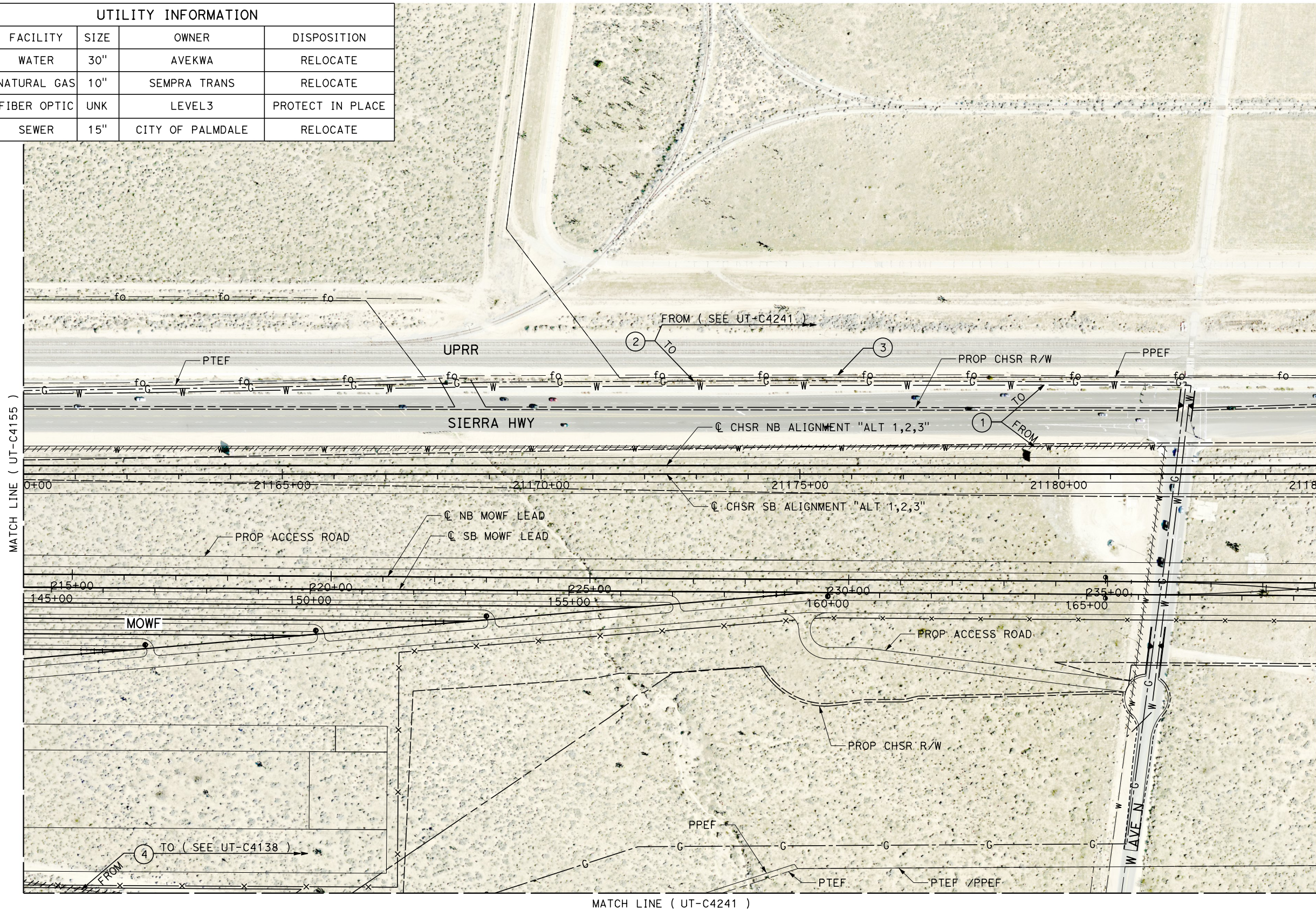


**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

COMPOSITE UTILITY PLANS
ALTERNATIVE 1,2,3
STA 21135+00 TO 21160+00

CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4155
SCALE
AS SHOWN
SHEET NO.
175

UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	WATER	30"	AVEKWA	RELOCATE
2	NATURAL GAS	10"	SEMPRA TRANS	RELOCATE
3	FIBER OPTIC	UNK	LEVEL3	PROTECT IN PLACE
4	SEWER	15"	CITY OF PALMDALE	RELOCATE



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1/23/2021 3:15:58 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

RECORD SET
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CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
COMPOSITE UTILITY PLANS
ALTERNATIVE 1,2,3
STA 21160+00 TO 21185+00

CONTRACT NO.
HSR13-44

DRAWING NO.
UT-C4156

SCALE
AS SHOWN

SHEET NO.
176

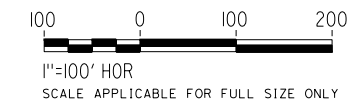
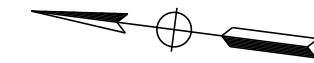
UTILITY INFORMATION				
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1	FIBER OPTIC	UNK	LEVEL3	PROTECT IN PLACE



MATCH LINE (UT-C4156)

MATCH LINE (UT-C4158)

MATCH LINE (UT-C4243)



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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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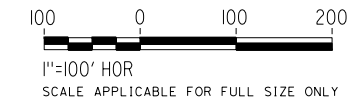
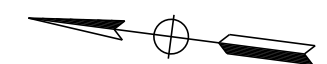
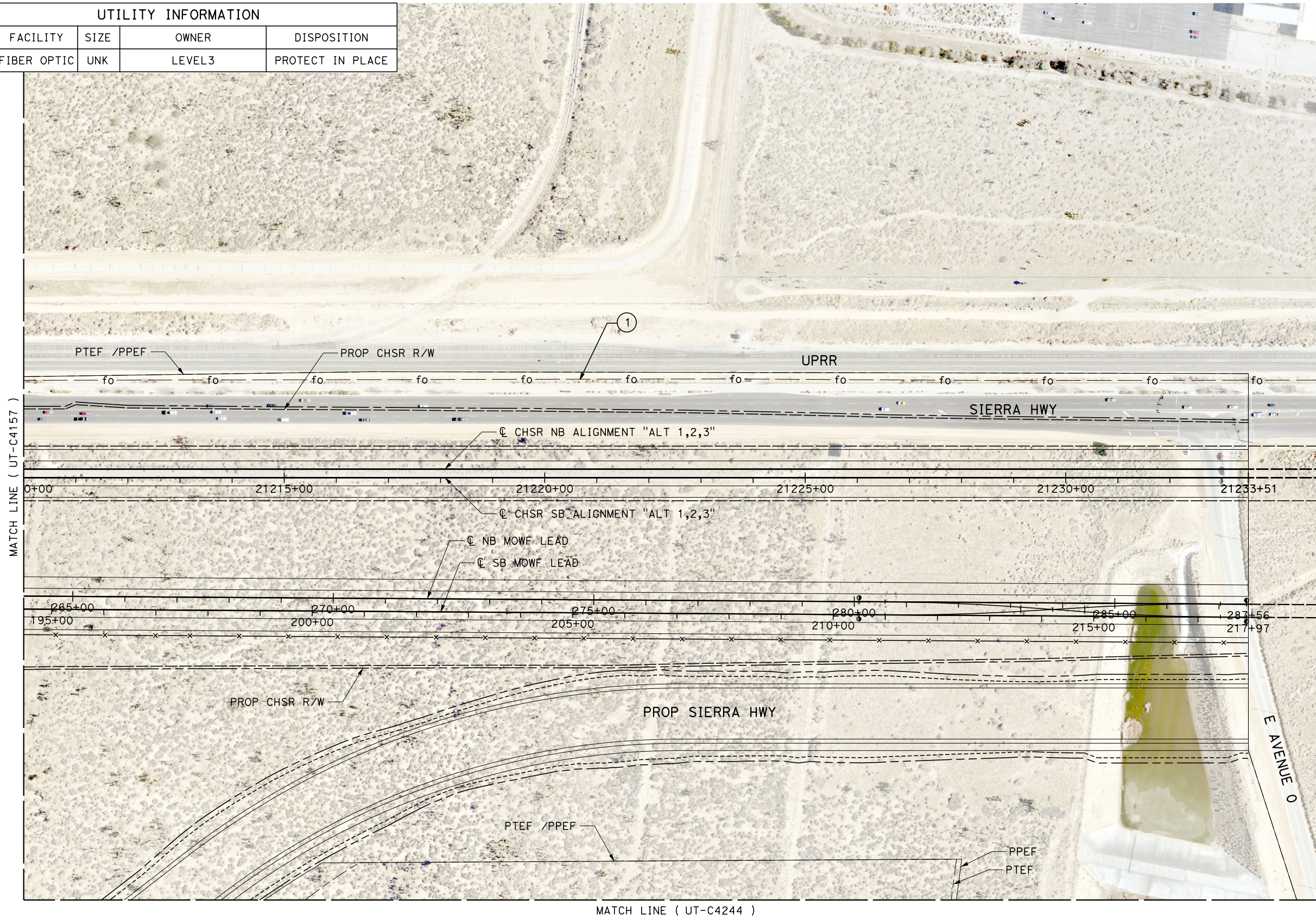


**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

COMPOSITE UTILITY PLANS
ALTERNATIVE 1,2,3
STA 21185+00 TO 21210+00

CONTRACT NO. HSR13-44
DRAWING NO. UT-C4157
SCALE AS SHOWN
SHEET NO. 177

UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	FIBER OPTIC	UNK	LEVEL3	PROTECT IN PLACE



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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

RECORD SET
PEPD
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CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
COMPOSITE UTILITY PLANS
ALTERNATIVE 1,2,3
STA 21210+00 TO 21235+00

CONTRACT NO.
HSR13-44

DRAWING NO.
UT-C4158

SCALE
AS SHOWN

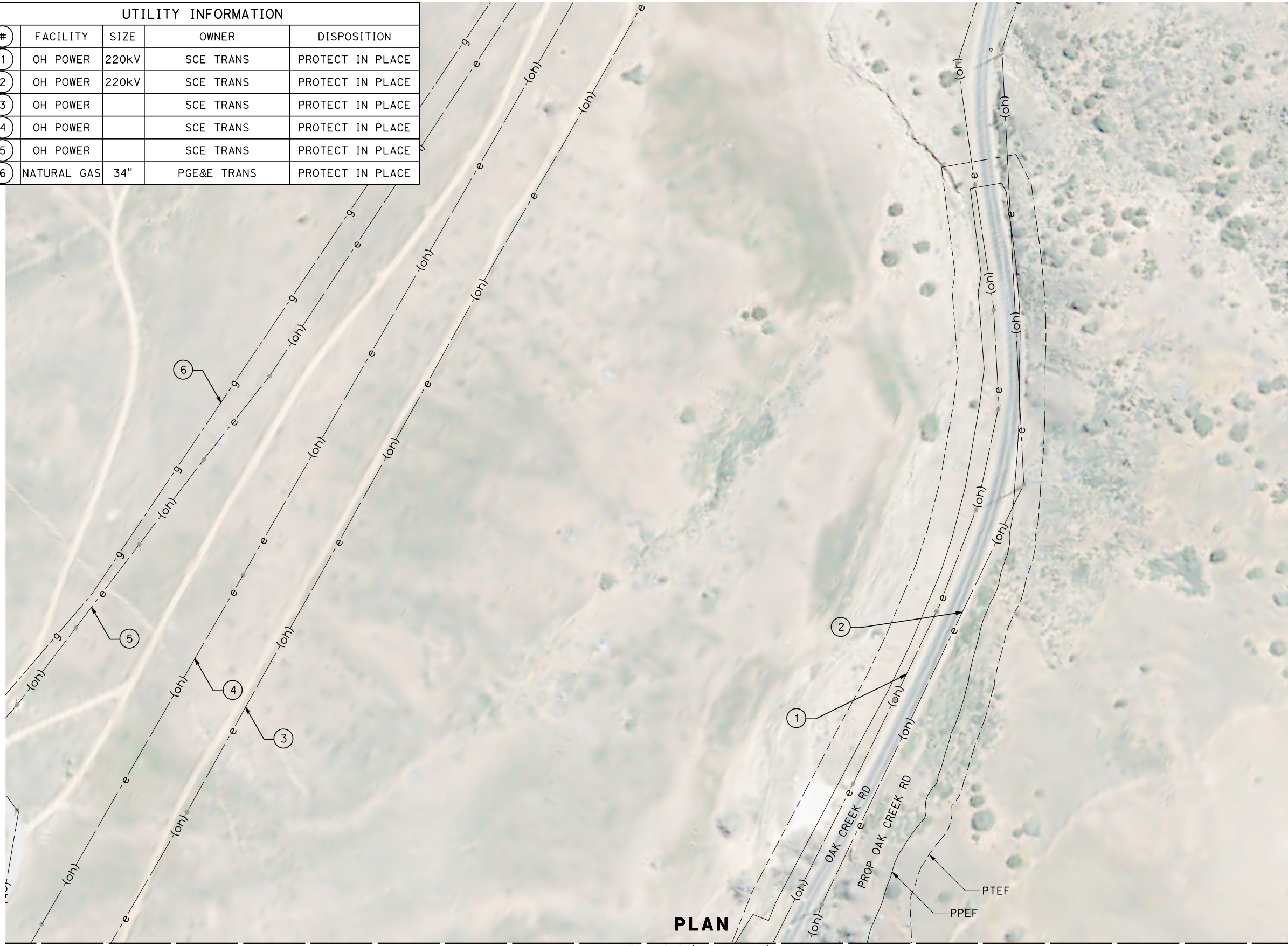
SHEET NO.
178

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1/23/2021 3:16:04 AM

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UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	OH POWER	220kV	SCE TRANS	PROTECT IN PLACE
2	OH POWER	220kV	SCE TRANS	PROTECT IN PLACE
3	OH POWER		SCE TRANS	PROTECT IN PLACE
4	OH POWER		SCE TRANS	PROTECT IN PLACE
5	OH POWER		SCE TRANS	PROTECT IN PLACE
6	NATURAL GAS	34"	PGE&E TRANS	PROTECT IN PLACE



PLAN

MATCH LINE (UT-C4088)

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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PEPD
SUBMITTAL**

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CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFILED TO PALMDALE**
COMPOSITE UTILITY PLANS
ALTERNATIVE 1,2,3
STA 19460+00 TO 19485+00

CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4159
SCALE
AS SHOWN
SHEET NO.
179

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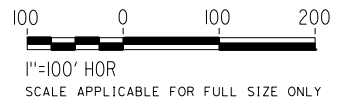
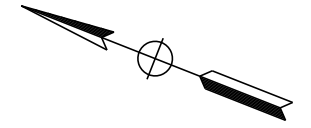
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MATCH LINE (UT-C4141)



UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	OH CABLE	UNK	TIME WARNER	PROTECT IN PLACE
2	OH POWER	66KV	SCE TRANS	PROTECT IN PLACE
3	OH TELECOM	UNK	VERIZON	PROTECT IN PLACE

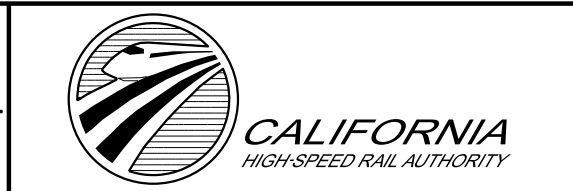


REV	DATE	BY	CHK	APP	DESCRIPTION

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

**RECORD SET
PEPD
SUBMITTAL**

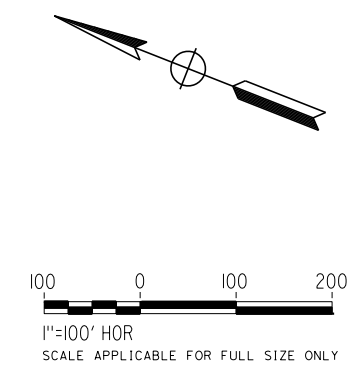
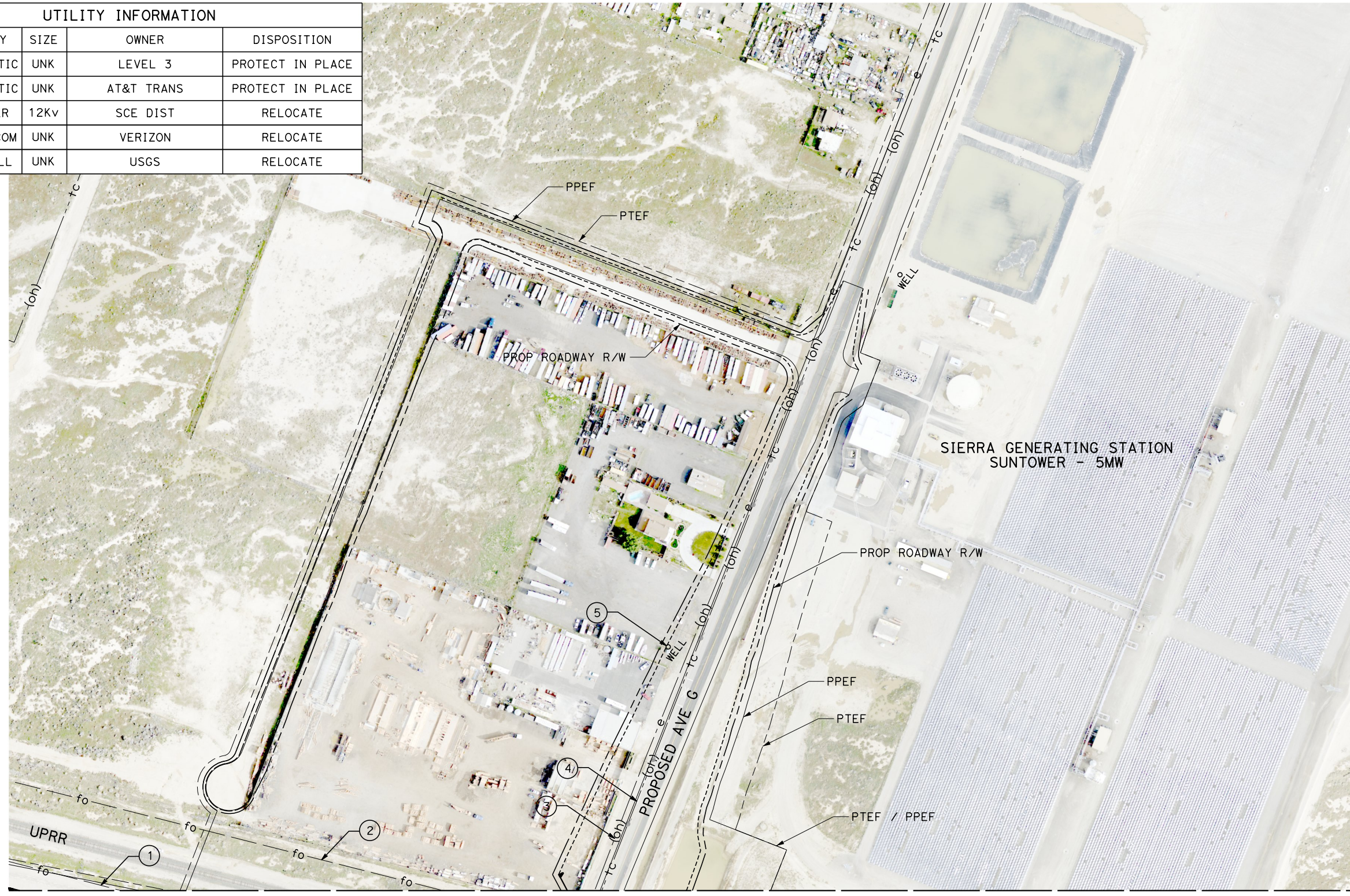
**NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
COMPOSITE UTILITY PLANS
ALTERNATIVE 1,2,3
STA 20785+00 TO 20810+00

CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4201
SCALE
AS SHOWN
SHEET NO.
180

UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	FIBER OPTIC	UNK	LEVEL 3	PROTECT IN PLACE
2	FIBER OPTIC	UNK	AT&T TRANS	PROTECT IN PLACE
3	OH POWER	12Kv	SCE DIST	RELOCATE
4	OH TELECOM	UNK	VERIZON	RELOCATE
5	GWTR WELL	UNK	USGS	RELOCATE



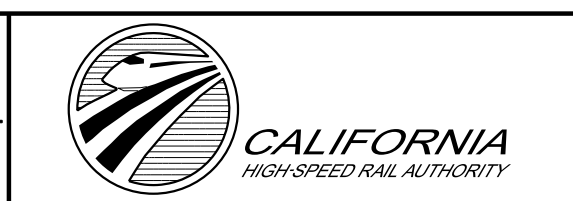
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REV	DATE	BY	CHK	APP	DESCRIPTION

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

RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
 COMPOSITE UTILITY PLANS
 ALTERNATIVE 1,2,3
 STA 20785+00 TO 20810+00

CONTRACT NO.
HSR13-44
 DRAWING NO.
UT-C4202
 SCALE
AS SHOWN
 SHEET NO.
181

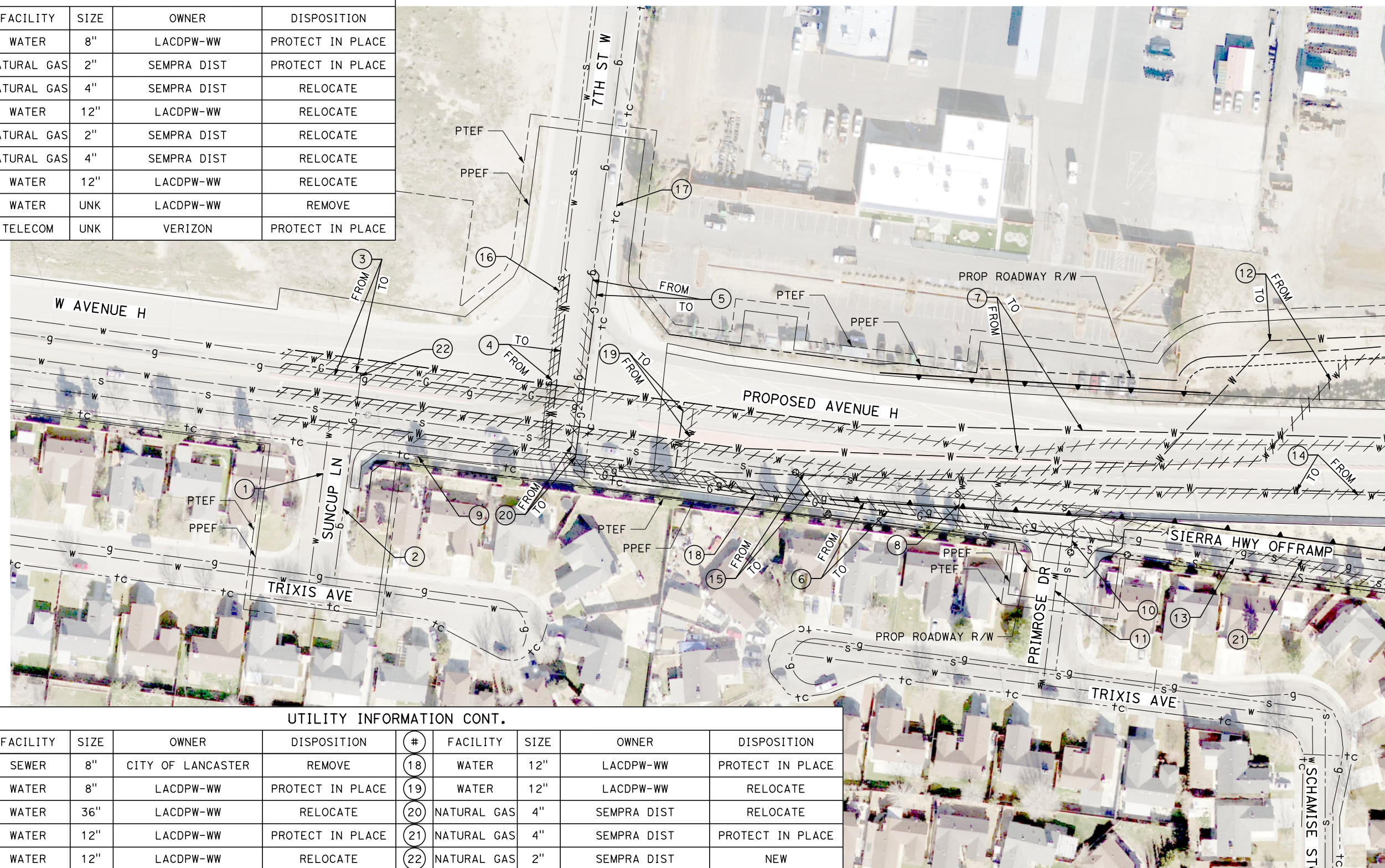
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jcs_user_17609

UTILITY INFORMATION

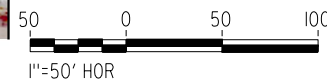
#	FACILITY	SIZE	OWNER	DISPOSITION
1	WATER	8"	LACDPW-WW	PROTECT IN PLACE
2	NATURAL GAS	2"	SEMPRA DIST	PROTECT IN PLACE
3	NATURAL GAS	4"	SEMPRA DIST	RELOCATE
4	WATER	12"	LACDPW-WW	RELOCATE
5	NATURAL GAS	2"	SEMPRA DIST	RELOCATE
6	NATURAL GAS	4"	SEMPRA DIST	RELOCATE
7	WATER	12"	LACDPW-WW	RELOCATE
8	WATER	UNK	LACDPW-WW	REMOVE
9	TELECOM	UNK	VERIZON	PROTECT IN PLACE



MATCH LINE (UT-C4204)

UTILITY INFORMATION CONT.

#	FACILITY	SIZE	OWNER	DISPOSITION	#	FACILITY	SIZE	OWNER	DISPOSITION
10	SEWER	8"	CITY OF LANCASTER	REMOVE	18	WATER	12"	LACDPW-WW	PROTECT IN PLACE
11	WATER	8"	LACDPW-WW	PROTECT IN PLACE	19	WATER	12"	LACDPW-WW	RELOCATE
12	WATER	36"	LACDPW-WW	RELOCATE	20	NATURAL GAS	4"	SEMPRA DIST	RELOCATE
13	WATER	12"	LACDPW-WW	PROTECT IN PLACE	21	NATURAL GAS	4"	SEMPRA DIST	PROTECT IN PLACE
14	WATER	12"	LACDPW-WW	RELOCATE	22	NATURAL GAS	2"	SEMPRA DIST	NEW
15	SEWER	27"	CITY OF LANCASTER	RELOCATE					
16	SEWER	15"	CITY OF LANCASTER	PROTECT IN PLACE					
17	TELECOM	UNK	VERIZON	PROTECT IN PLACE					



SCALE APPLICABLE FOR FULL SIZE ONLY

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
STA 20835+00 TO 20885+00

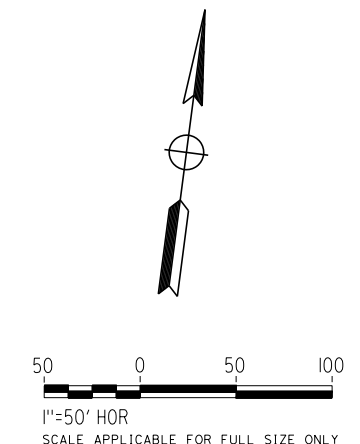
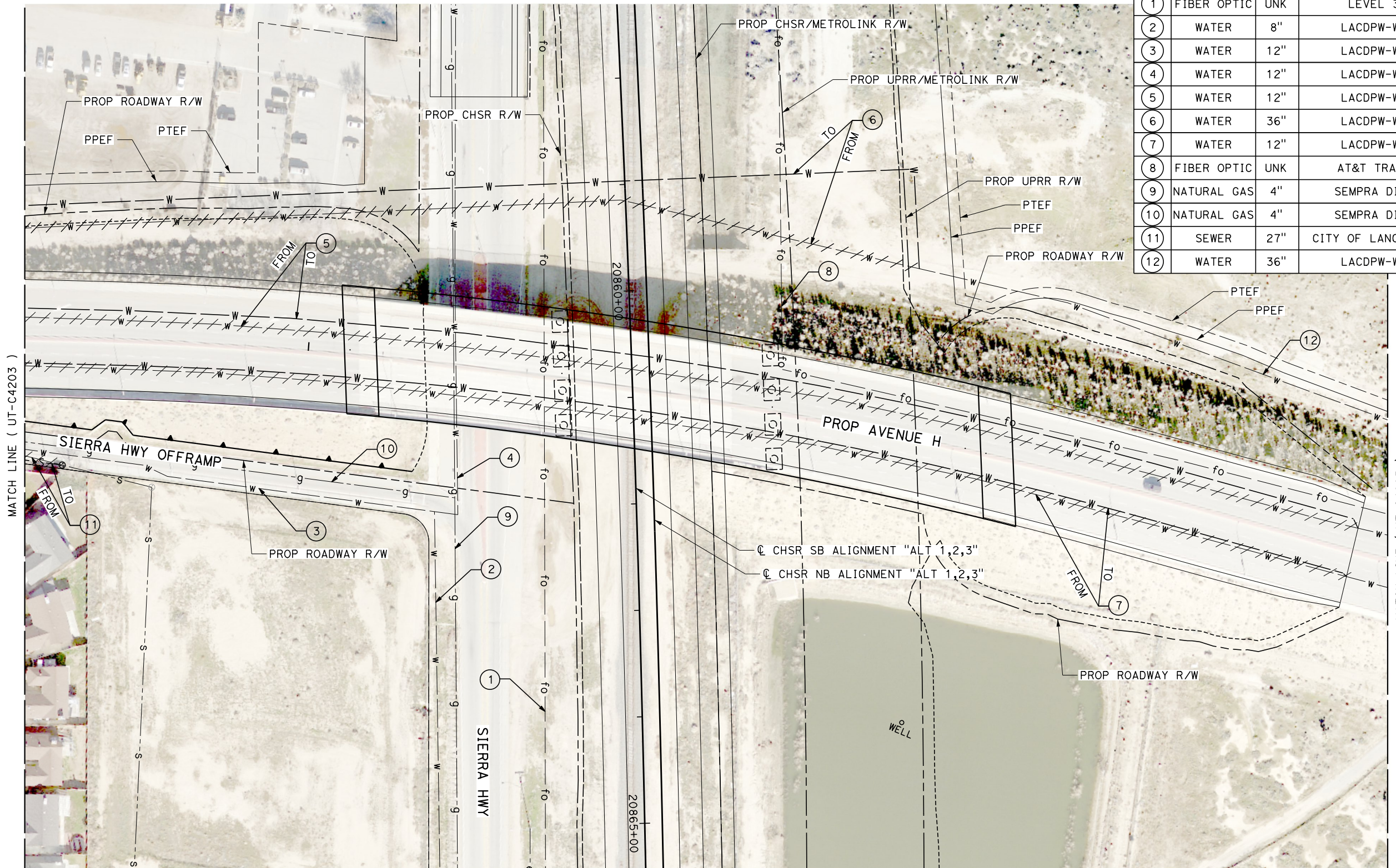
CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4203
SCALE
AS SHOWN
SHEET NO.
182

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1/23/2021 3:15:51 AM

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UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	FIBER OPTIC	UNK	LEVEL 3	RELOCATE
2	WATER	8"	LACDPW-WW	PROTECT IN PLACE
3	WATER	12"	LACDPW-WW	PROTECT IN PLACE
4	WATER	12"	LACDPW-WW	PROTECT IN PLACE
5	WATER	12"	LACDPW-WW	RELOCATE
6	WATER	36"	LACDPW-WW	RELOCATE
7	WATER	12"	LACDPW-WW	RELOCATE
8	FIBER OPTIC	UNK	AT&T TRANS	RELOCATE
9	NATURAL GAS	4"	SEMPRA DIST	PROTECT IN PLACE
10	NATURAL GAS	4"	SEMPRA DIST	PROTECT IN PLACE
11	SEWER	27"	CITY OF LANCASTER	RELOCATE
12	WATER	36"	LACDPW-WW	PROTECT IN PLACE



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
STA 20855+00 TO 20865+00

CONTRACT NO.
HSR13-44

DRAWING NO.
UT-C4204

SCALE
AS SHOWN

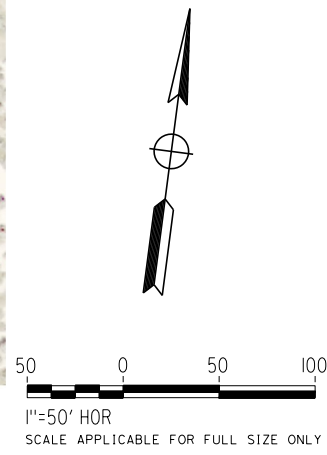
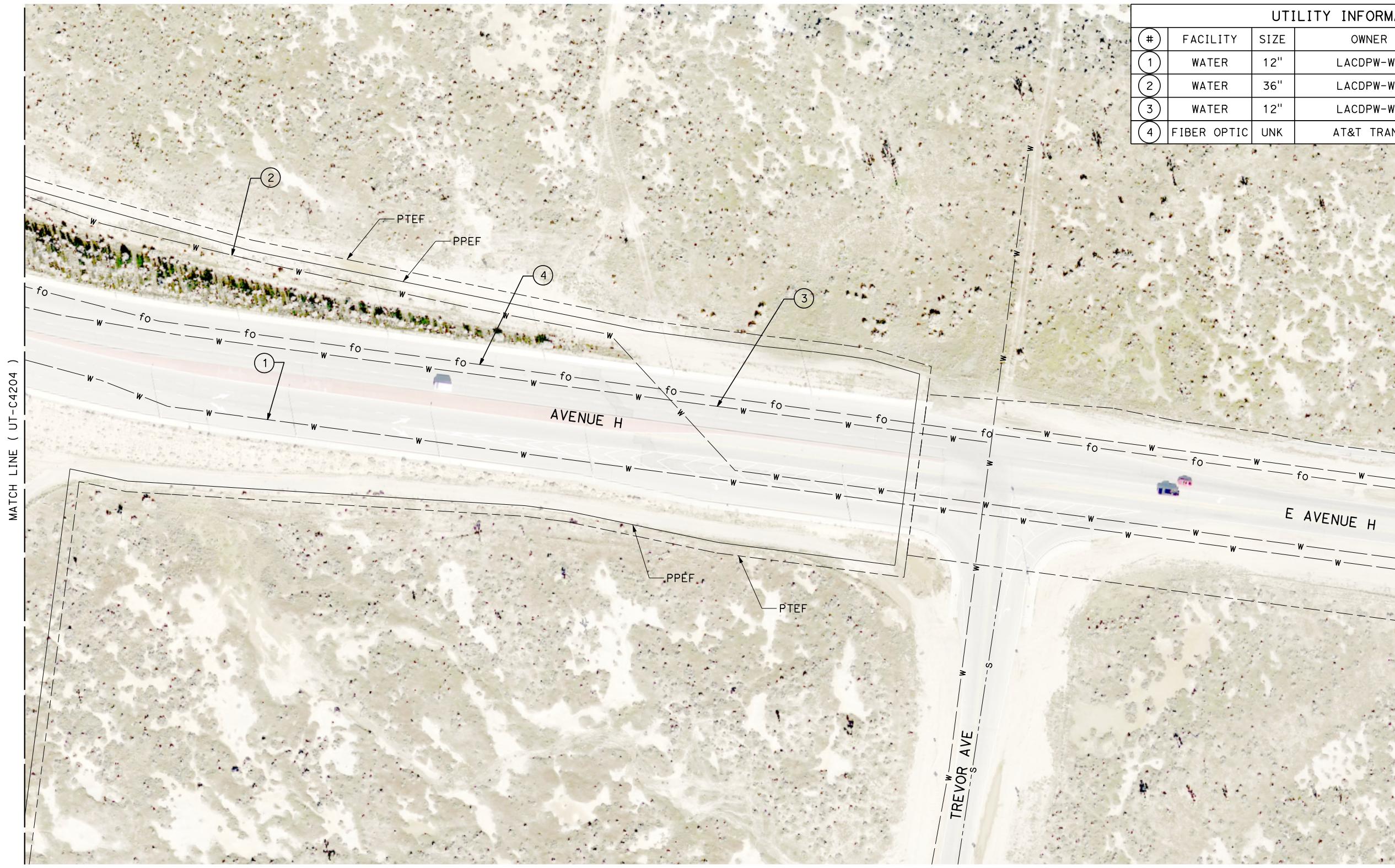
SHEET NO.
183

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1/23/2021 3:16:22 AM

ics_user_17609

UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	WATER	12"	LACDPW-WW	PROTECT IN PLACE
2	WATER	36"	LACDPW-WW	PROTECT IN PLACE
3	WATER	12"	LACDPW-WW	PROTECT IN PLACE
4	FIBER OPTIC	UNK	AT&T TRANS	PROTECT IN PLACE



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
STA 20835+00 TO 20885+00

CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4205
SCALE
AS SHOWN
SHEET NO.
184

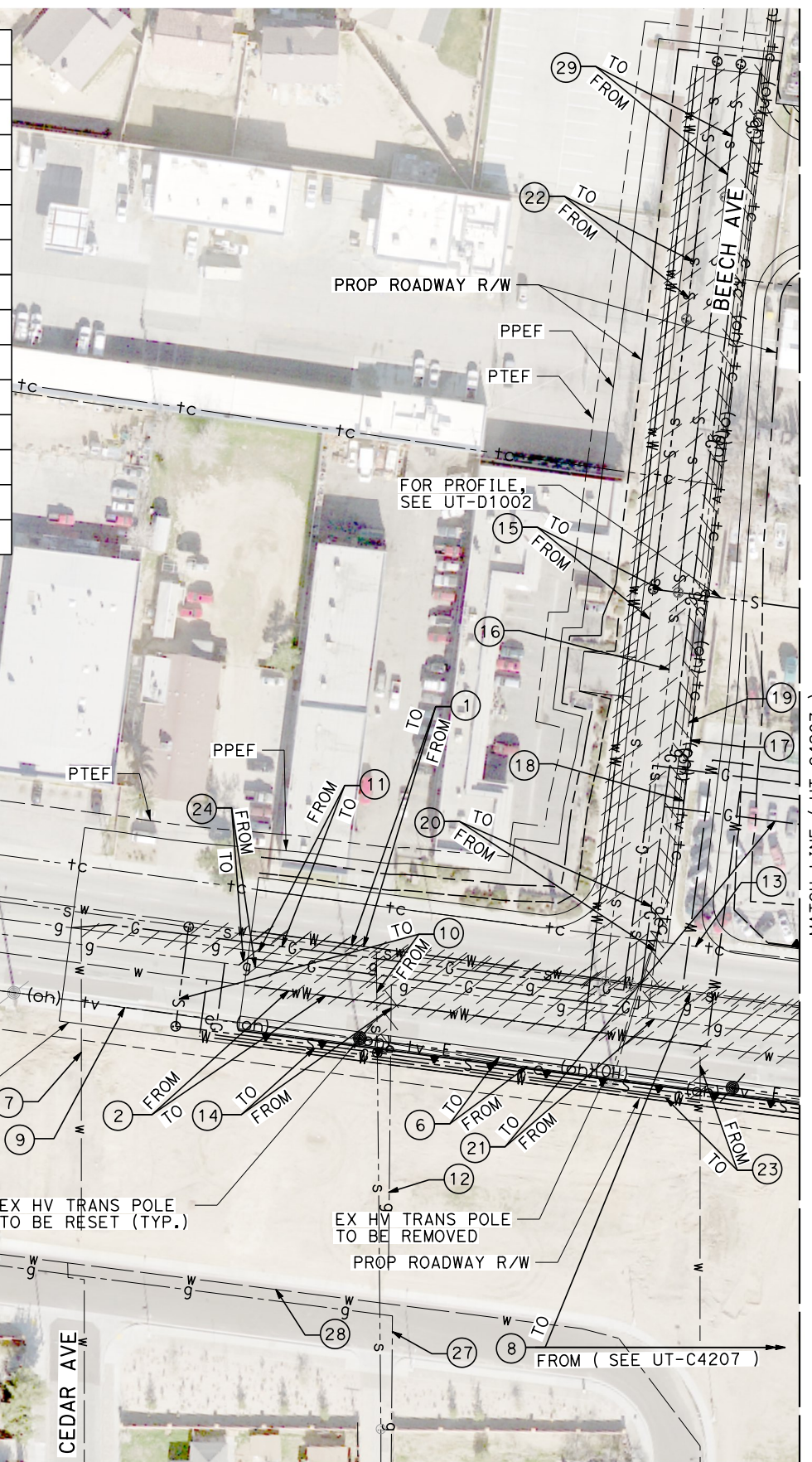
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UTILITY INFORMATION					UTILITY INFORMATION CONT.				
#	FACILITY	SIZE	OWNER	DISPOSITION	#	FACILITY	SIZE	OWNER	DISPOSITION
1	WATER	6"	LACDPW-WW	RELOCATE	11	NATURAL GAS	6"	SEMPRA TRANS	RELOCATE
2	WATER	8"	LACDPW-WW	RELOCATE	12	NATURAL GAS	2"	SEMPRA DIST	PROTECT IN PLACE
3	SEWER	8"	CITY OF LANCASTER	PROTECT IN PLACE	13	TELECOM	UNK	VERIZON	RELOCATE
4	NATURAL GAS	2"	SEMPRA DIST	PROTECT IN PLACE	14	NATURAL GAS	3"	SEMPRA DIST	RELOCATE
5	SEWER	15"	LACSD	PROTECT IN PLACE	15	SEWER	15"	LACSD	RELOCATE
6	OH POWER	69KV	SCE TRANS	RELOCATE	16	SEWER	10"	CITY OF LANCASTER	REMOVE
7	WATER	10"	LACDPW-WW	PROTECT IN PLACE	17	OH POWER	UNK	SCE DIST	RELOCATE
8	SEWER	15"	LACSD	RELOCATE	18	TELEVISION	UNK	TIME WARNER	RELOCATE
9	TELEVISION	UNK	TIME WARNER	RELOCATE	19	TELECOM	UNK	VERIZON	RELOCATE
10	SEWER	8"	CIYT OF LANCASTER	RELOCATE	20	NATURAL GAS	2"	SEMPRA DIST	RELOCATE
					21	NATURAL GAS	2"	SEMPRA DIST	RELOCATE
					22	SEWER	15"	LACSD	RELOCATE
					23	WATER	10"	LACDPW-WW	RELOCATE

UTILITY INFORMATION CONT.				
#	FACILITY	SIZE	OWNER	DISPOSITION
24	NATURAL GAS	2"	SEMPRA DIST	RELOCATE
25	NATURAL GAS	2"	SEMPRA DIST	PROTECT IN PLACE
26	SEWER	8"	CITY OF LANCASTER	PROTECT IN PLACE
27	NATURAL GAS	2"	SEMPRA DIST	PROTECT IN PLACE
28	WATER	12"	LACDPW-WW	PROTECT IN PLACE
29	SEWER	10"	CITY OF LANCASTER	RELOCATE
30	NOT USED			
31	WATER	10"	LACDPW-WW	PROTECT IN PLACE



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CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
 COMPOSITE UTILITY PLANS
 ALTERNATIVE 1,2,3
 STA 20910+00 TO 20935+00

CONTRACT NO.
HSR13-44
 DRAWING NO.
UT-C4206
 SCALE
AS SHOWN
 SHEET NO.
185

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

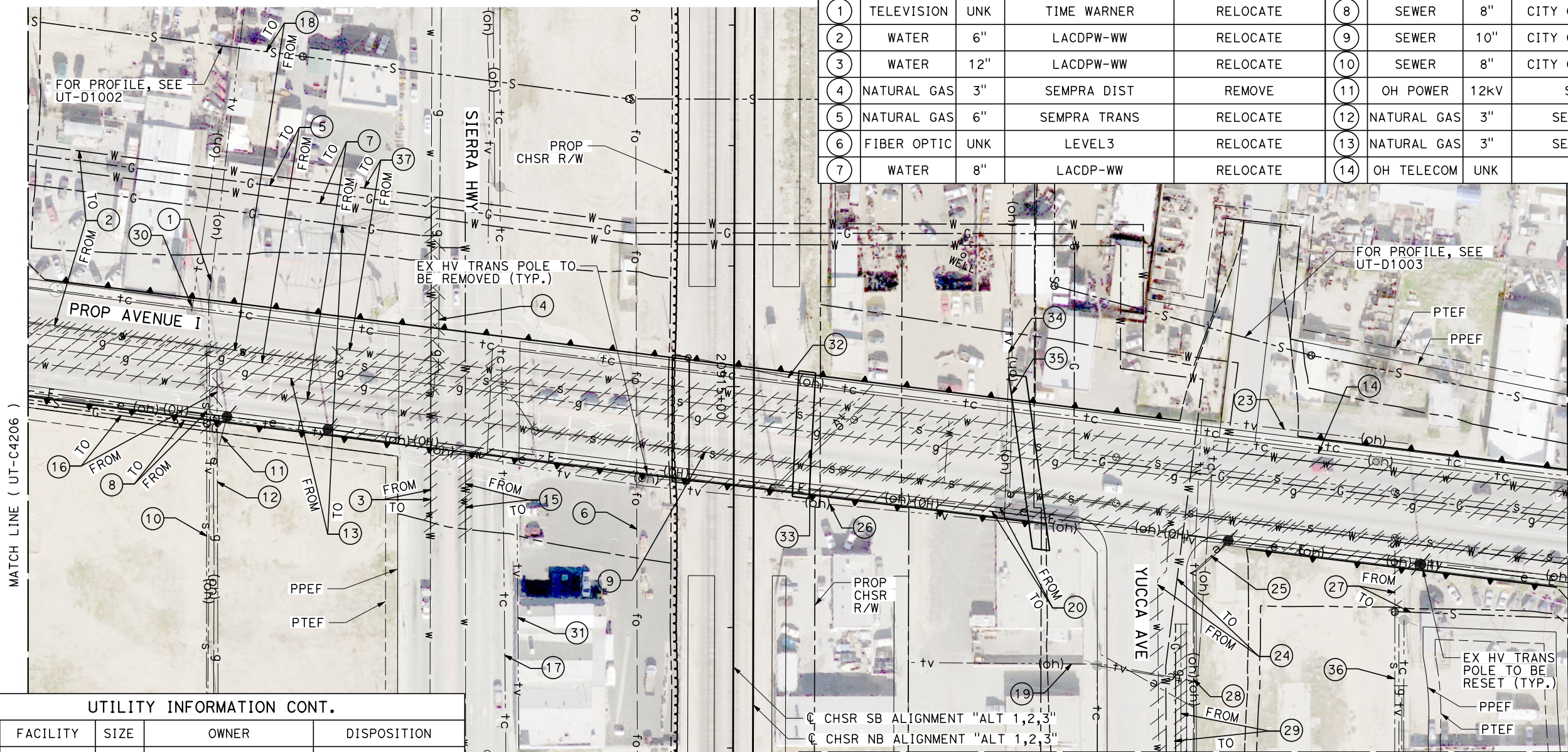
NOT FOR
CONSTRUCTION

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UTILITY INFORMATION					UTILITY INFORMATION CONT.				
#	FACILITY	SIZE	OWNER	DISPOSITION	#	FACILITY	SIZE	OWNER	DISPOSITION
1	TELEVISION	UNK	TIME WARNER	RELOCATE	8	SEWER	8"	CITY OF LANCASTER	RELOCATE
2	WATER	6"	LACDPW-WW	RELOCATE	9	SEWER	10"	CITY OF LANCASTER	REMOVE
3	WATER	12"	LACDPW-WW	RELOCATE	10	SEWER	8"	CITY OF LANCASTER	PROTECT IN PLACE
4	NATURAL GAS	3"	SEMPRA DIST	REMOVE	11	OH POWER	12kV	SCE DIST	RELOCATE
5	NATURAL GAS	6"	SEMPRA TRANS	RELOCATE	12	NATURAL GAS	3"	SEMPRA DIST	PROTECT IN PLACE
6	FIBER OPTIC	UNK	LEVEL3	RELOCATE	13	NATURAL GAS	3"	SEMPRA DIST	RELOCATE
7	WATER	8"	LACDP-WW	RELOCATE	14	OH TELECOM	UNK	VERIZON	RELOCATE



UTILITY INFORMATION CONT.				
#	FACILITY	SIZE	OWNER	DISPOSITION
15	WATER	10"	LACDPW-WW	RELOCATE
16	NATURAL GAS	3"	SEMPRA DIST	RELOCATE
17	TELECOM	UNK	VERIZON	RELOCATE
18	SEWER	15"	LACSD	RELOCATE
19	TELEVISION	UNK	TIME WARNER	RELOCATE
20	OH POWER	69kV	SCE TRANS	RELOCATE
21	NOT USED			
22	NOT USED			
23	TELEVISION	UNK	TIME WARNER	RELOCATE
24	WATER	10"	LACDPW-WW	RELOCATE

UTILITY INFORMATION CONT.				
#	FACILITY	SIZE	OWNER	DISPOSITION
25	OH POWER	12kV	SCE DIST	RELOCATE
26	TELEVISION	UNK	TIME WARNER	RELOCATE
27	SEWER	8"	CITY OF LANCASTER	RELOCATE
28	OH POWER	UNK	SCE DIST	RELOCATE
29	NATURAL GAS	2"	SEMPRA DIST	RELOCATE
30	TELECOM	UNK	VERIZON	RELOCATE
31	TELEVISION	UNK	TIME WARNER	RELOCATE

UTILITY INFORMATION CONT.				
#	FACILITY	SIZE	OWNER	DISPOSITION
32	OH POWER	12kV	SCE DIST	RELOCATE
33	TELEVISION	UNK	TIME WARNER	RELOCATE
34	TELEVISION	UNK	TIME WARNER	RELOCATE
35	OH POWER	12kV	SCE DIST	RELOCATE
36	SEWER	8"	CITY OF LANCASTER	PROTECT IN PLACE
37	WATER	6"	LACDPW-WW	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**

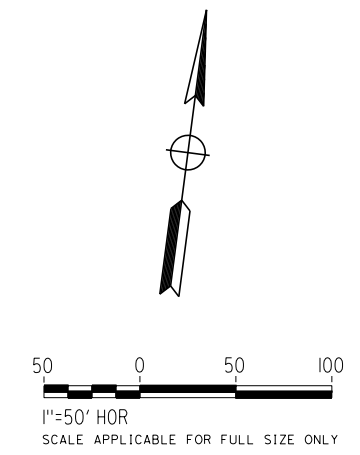


**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
COMPOSITE UTILITY PLANS
ALTERNATIVE 1,2,3
STA 20910+00 TO 20935+00

CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4207
SCALE
AS SHOWN
SHEET NO.
186



UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	WATER	10"	LACDPW-WW	RELOCATE
2	NATURAL GAS	2"	SEMPRA DIST	RELOCATE
3	TELEVISION	UNK	TIME WARNER	RELOCATE
4	TELECOM	UNK	VERIZON	RELOCATE
5	SEWER	8"	CITY OF LANCASTER	RELOCATE
6	SEWER	8"	CITY OF LANCASTER	RELOCATE
7	WATER	10"	LACDPW-WW	RELOCATE
8	OH TELECOM	UNK	VERIZON	RELOCATE
9	NATURAL GAS	6"	SEMPRA TRANS	RELOCATE
10	WATER	8"	LACDPW-WW	RELOCATE
11	TELEVISION	UNK	TIME WARNER	RELOCATE
12	OH POWER	69KV	SCE TRANS	RELOCATE
13	WATER	8"	LACDPW-WW	PROTECT IN PLACE
14	NATURAL GAS	2"	SEMPRA DIST	PROTECT IN PLACE
15	WATER	10"	LACDPW-WW	RELOCATE
16	SEWER	8"	CITY OF LANCASTER	RELOCATE
17	SEWER	15"	LACSD	RELOCATE
18	OH TELECOM	UNK	VERIZON	PROTECT IN PLACE
19	WATER	10"	LACDPW-WW	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**

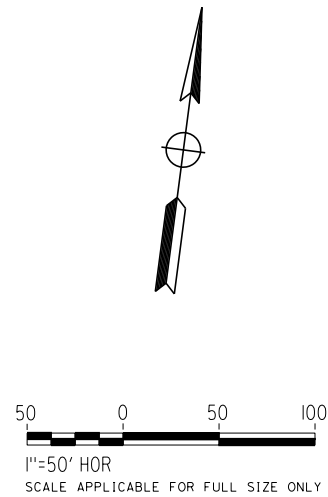
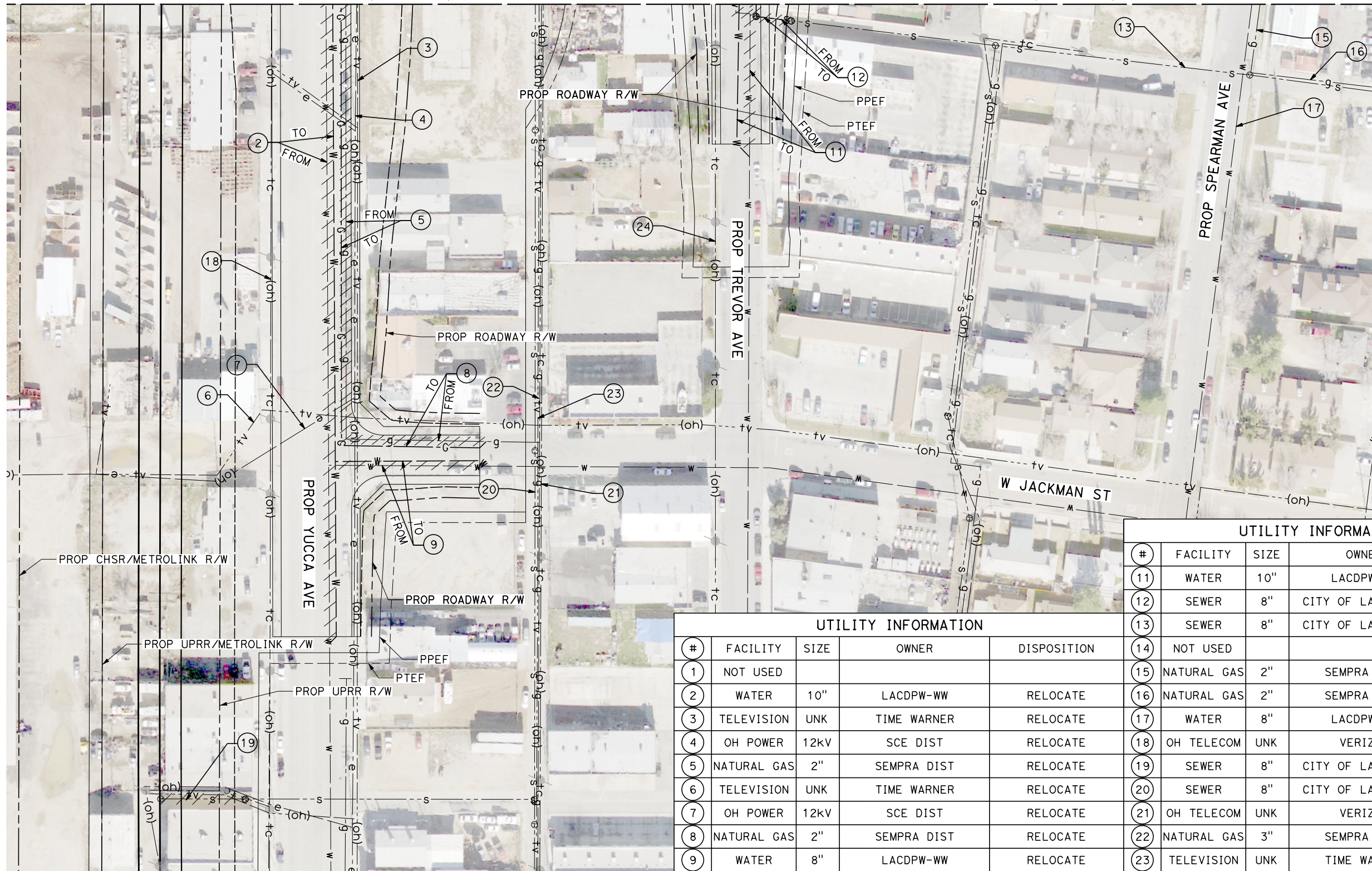


**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
COMPOSITE UTILITY PLANS
ALTERNATIVE 1,2,3
STA 20910+00 TO 20935+00

CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4208
SCALE
AS SHOWN
SHEET NO.
187

MATCH LINE (UT-C4207)

MATCH LINE (UT-C4208)



UTILITY INFORMATION					UTILITY INFORMATION CONT.				
#	FACILITY	SIZE	OWNER	DISPOSITION	#	FACILITY	SIZE	OWNER	DISPOSITION
1	NOT USED				11	WATER	10"	LACDPW-WW	RELOCATE
2	WATER	10"	LACDPW-WW	RELOCATE	12	SEWER	8"	CITY OF LANCASTER	RELOCATE
3	TELEVISION	UNK	TIME WARNER	RELOCATE	13	SEWER	8"	CITY OF LANCASTER	PROTECT IN PLACE
4	OH POWER	12KV	SCE DIST	RELOCATE	14	NOT USED			
5	NATURAL GAS	2"	SEMPRA DIST	RELOCATE	15	NATURAL GAS	2"	SEMPRA DIST	PROTECT IN PLACE
6	TELEVISION	UNK	TIME WARNER	RELOCATE	16	NATURAL GAS	2"	SEMPRA DIST	PROTECT IN PLACE
7	OH POWER	12KV	SCE DIST	RELOCATE	17	WATER	8"	LACDPW-WW	PROTECT IN PLACE
8	NATURAL GAS	2"	SEMPRA DIST	RELOCATE	18	OH TELECOM	UNK	VERIZON	RELOCATE
9	WATER	8"	LACDPW-WW	RELOCATE	19	SEWER	8"	CITY OF LANCASTER	REMOVE
10	NOT USED				20	SEWER	8"	CITY OF LANCASTER	PROTECT IN PLACE
					21	OH TELECOM	UNK	VERIZON	PROTECT IN PLACE
					22	NATURAL GAS	3"	SEMPRA DIST	PROTECT IN PLACE
					23	TELEVISION	UNK	TIME WARNER	PROTECT IN PLACE
					24	OH TELECOM	UNK	VERIZON	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**

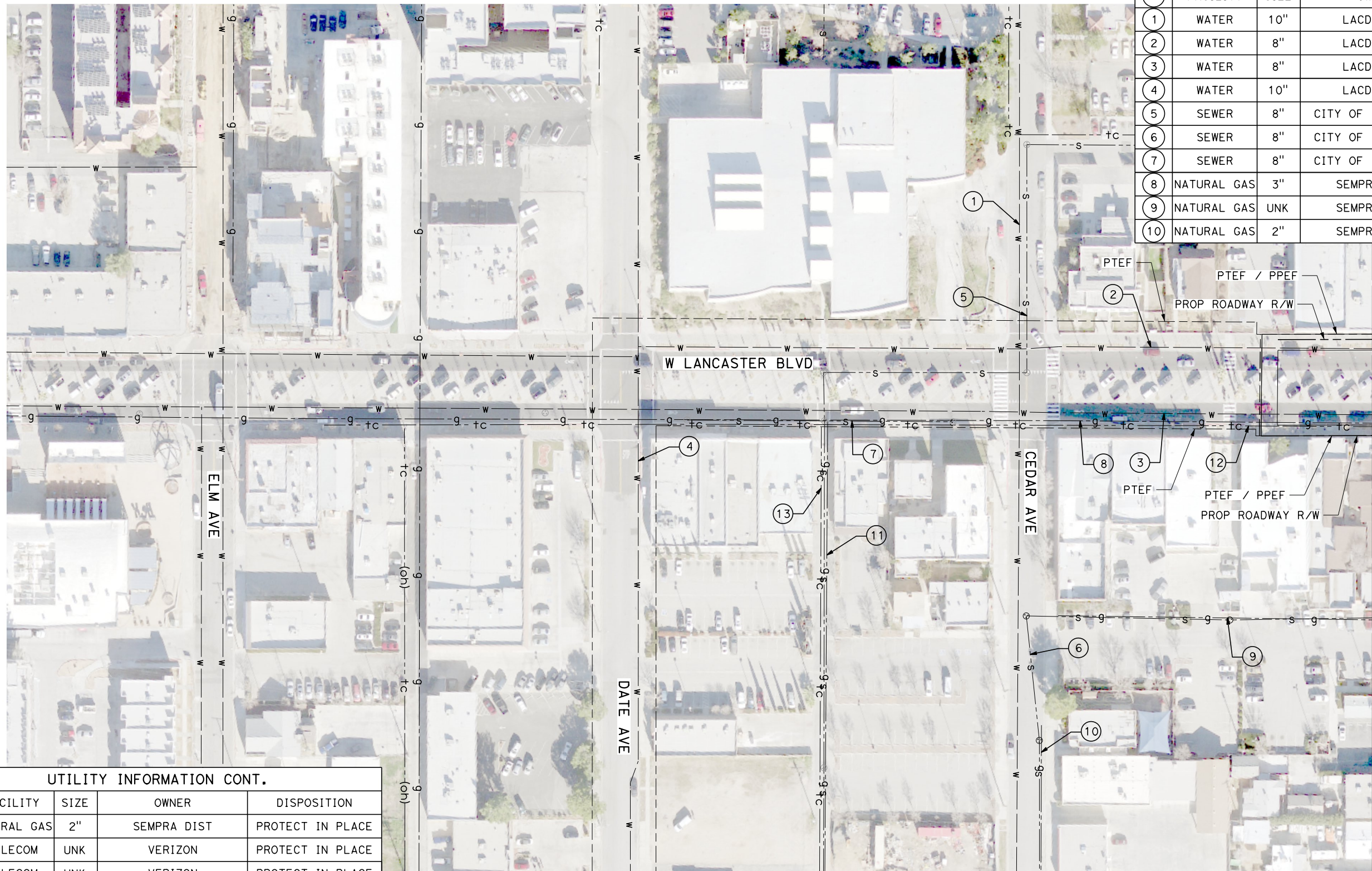
**NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
COMPOSITE UTILITY PLANS
ALTERNATIVE 1,2,3
STA 20910+00 TO 20935+00

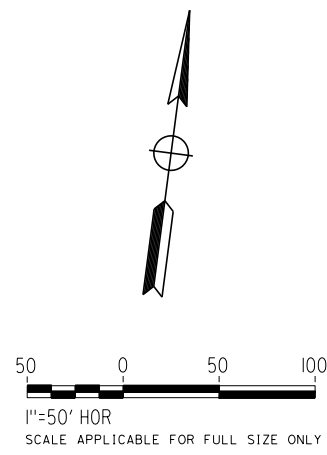
CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4209
SCALE
AS SHOWN
SHEET NO.
188

UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	WATER	10"	LACDPW-WW	PROTECT IN PLACE
2	WATER	8"	LACDPW-WW	PROTECT IN PLACE
3	WATER	8"	LACDPW-WW	PROTECT IN PLACE
4	WATER	10"	LACDPW-WW	PROTECT IN PLACE
5	SEWER	8"	CITY OF LANCASTER	PROTECT IN PLACE
6	SEWER	8"	CITY OF LANCASTER	PROTECT IN PLACE
7	SEWER	8"	CITY OF LANCASTER	PROTECT IN PLACE
8	NATURAL GAS	3"	SEMPRA DIST	PROTECT IN PLACE
9	NATURAL GAS	UNK	SEMPRA DIST	PROTECT IN PLACE
10	NATURAL GAS	2"	SEMPRA DIST	PROTECT IN PLACE



UTILITY INFORMATION CONT.				
#	FACILITY	SIZE	OWNER	DISPOSITION
11	NATURAL GAS	2"	SEMPRA DIST	PROTECT IN PLACE
12	TELECOM	UNK	VERIZON	PROTECT IN PLACE
13	TELECOM	UNK	VERIZON	PROTECT IN PLACE

MATCH LINE (UT-C4211)



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
STA 20935+00 TO 20960+00

CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4210
SCALE
AS SHOWN
SHEET NO.
189

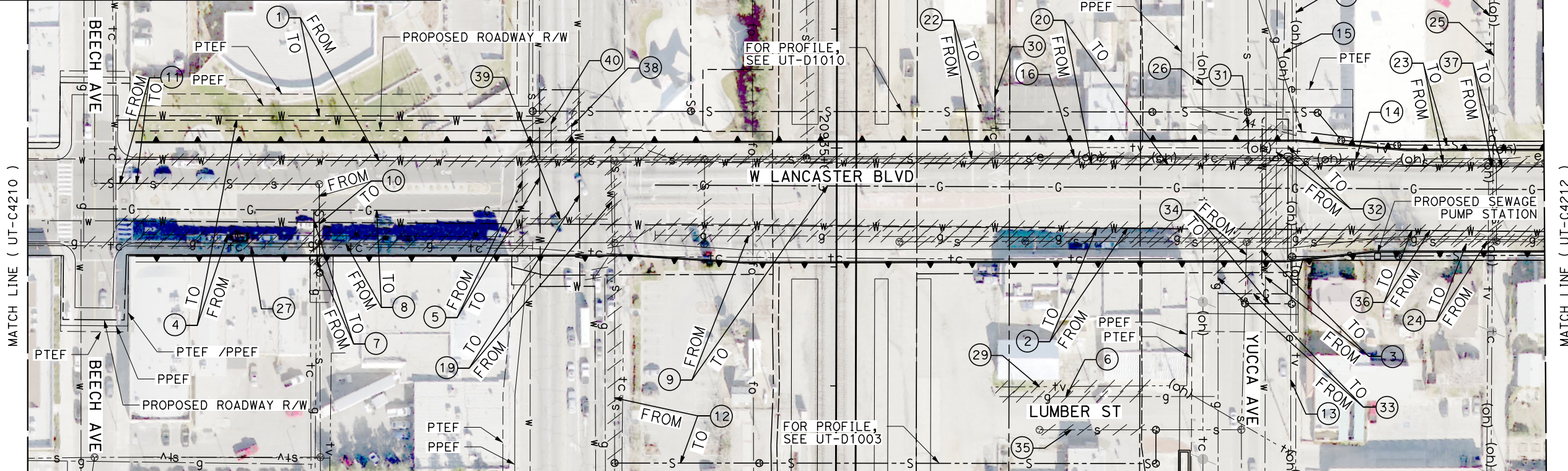
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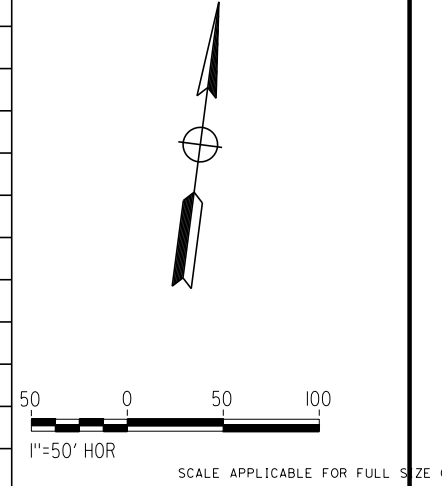
UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	WATER	8"	LACDPW-WW	RELOCATE
2	WATER	8"	LACDPW-WW	RELOCATE
3	WATER	8"	LACDPW-WW	RELOCATE
4	WATER	8"	LACDPW-WW	RELOCATE
5	WATER	10"	LACDPW-WW	RELOCATE
6	NATURAL GAS	2"	SEMPRA DIST	REMOVE
7	NATURAL GAS	3"	SEMPRA DIST	RELOCATE
8	NATURAL GAS	4"	SEMPRA DIST	RELOCATE
9	NATURAL GAS	4"	SEMPRA DIST	RELOCATE

UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
10	SEWER	8"	CITY OF LANCASTER	RELOCATE
11	SEWER	10"	CITY OF LANCASTER	RELOCATE
12	SEWER	8"	CITY OF LANCASTER	RELOCATE
13	OH POWER	69KV	SCE DIST	RELOCATE
14	OH POWER	69KV	SCE DIST	RELOCATE
15	TELECOM	UNK	VERIZON	RELOCATE
16	TELECOM	UNK	VERIZON	RELOCATE
17	FIBER OPTIC	UNK	LEVEL 3	RELOCATE



UTILITY INFORMATION CONT.				
#	FACILITY	SIZE	OWNER	DISPOSITION
18	TELEVISION	UNK	TIME WARNER	RELOCATE
19	WATER	10"	LACDPW-WW	RELOCATE
20	WATER	8"	LACDPW-WW	RELOCATE
21	SEWER	8"	CITY OF LANCASTER	RELOCATE
22	SEWER	8"	CITY OF LANCASTER	RELOCATE
23	SEWER	8"	CITY OF LANCASTER	RELOCATE
24	SEWER	8"	CITY OF LANCASTER	RELOCATE
25	TELECOM	UNK	VERIZON	RELOCATE
26	TELECOM	UNK	VERIZON	RELOCATE
27	TELECOM	UNK	VERIZON	RELOCATE
28	TELEVISION	UNK	TIME WARNER	RELOCATE

UTILITY INFORMATION CONT.				
#	FACILITY	SIZE	OWNER	DISPOSITION
29	TELEVISION	UNK	TIME WARNER	REMOVE
30	TELECOM	UNK	VERIZON	RELOCATE
31	SEWER	8"	CITY OF LANCASTER	REMOVE
32	NATURAL GAS	3"	SEMPRA DIST	RELOCATE
33	NATURAL GAS	2"	SEMPRA DIST	RELOCATE
34	SEWER	8"	CITY OF LANCASTER	RELOCATE
35	SEWER	8"	CITY OF LANCASTER	REMOVE
36	WATER	8"	LACDPW-WW	RELOCATE
37	WATER	8"	LACDPW-WW	RELOCATE
38	WATER	10"	LACDPW-WW	REMOVE
39	WATER	8"	LACDPW-WW	REMOVE
40	WATER	12"	LACDPW-WW	REMOVE



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

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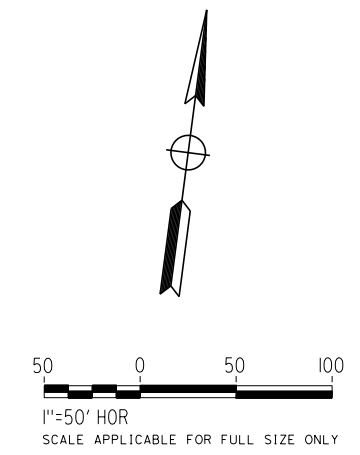
**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
COMPOSITE UTILITY PLANS
ALTERNATIVE 1,2,3
STA 20935+00 TO 20960+00

CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4211
SCALE
AS SHOWN
SHEET NO.
190

REV	DATE	BY	CHK	APP	DESCRIPTION



UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	WATER	8"	LACDPW-WW	PROTECT IN PLACE
2	WATER	10"	LACDPW-WW	PROTECT IN PLACE
3	WATER	8"	LACDPW-WW	RELOCATE
4	NATURAL GAS	2"	SEMPRA DIST	PROTECT IN PLACE
5	NATURAL GAS	4"	SEMPRA DIST	RELOCATE
6	SEWER	8"	CITY OF LANCASTER	PROTECT IN PLACE
7	SEWER	8"	CITY OF LANCASTER	RELOCATE
8	OH POWER	UNK	SCE DIST	RELOCATE
9	TELEVISION	UNK	TIME WARNER	RELOCATE
10	OH TELECOM	UNK	VERIZON	PROTECT IN PLACE
11	WATER	8"	LACDPW-WW	PROTECT IN PLACE
12	WATER	8"	LACDPW-WW	RELOCATE
13	NATURAL GAS	2"	SEMPRA DIST	PROTECT IN PLACE
14	NATURAL GAS	4"	SEMPRA DIST	PROTECT IN PLACE
15	SEWER	8"	CITY OF LANCASTER	RELOCATE
16	TELEVISION	UNK	TIME WARNER	PROTECT IN PLACE
17	SEWER	8"	CITY OF LANCASTER	PROTECT IN PLACE
18	SEWER	8"	CITY OF LANCASTER	PROTECT IN PLACE



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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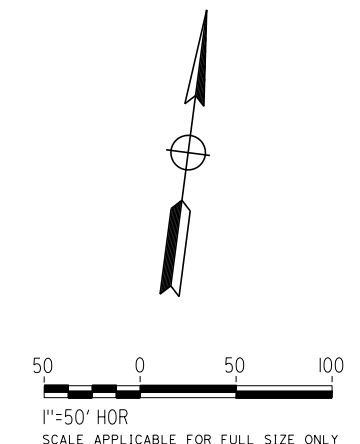
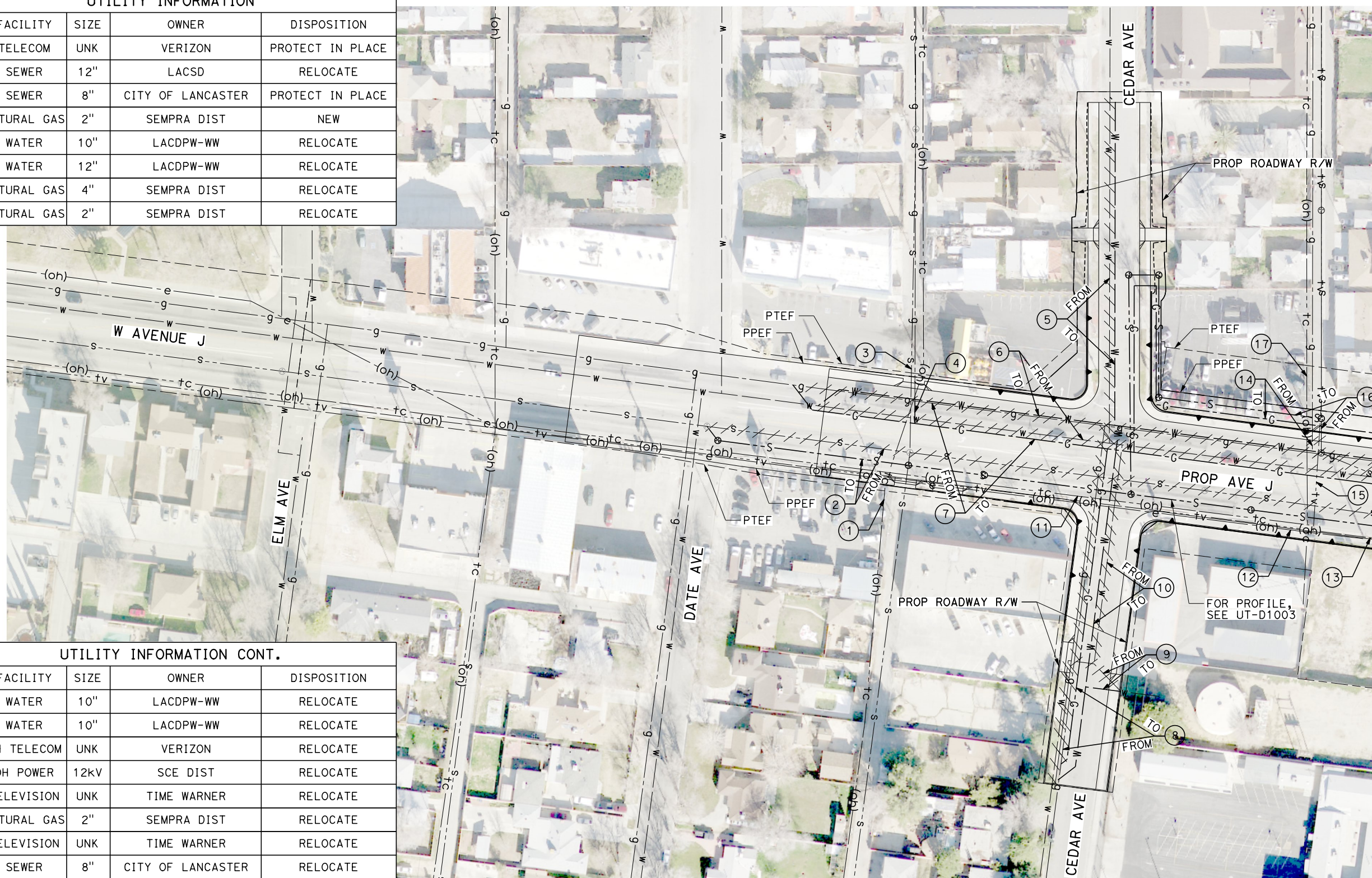


**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
COMPOSITE UTILITY PLANS
ALTERNATIVE 1,2,3
STA 20935+00 TO 20960+00

CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4212
SCALE
AS SHOWN
SHEET NO.
191

UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	TELECOM	UNK	VERIZON	PROTECT IN PLACE
2	SEWER	12"	LACSD	RELOCATE
3	SEWER	8"	CITY OF LANCASTER	PROTECT IN PLACE
4	NATURAL GAS	2"	SEMPRA DIST	NEW
5	WATER	10"	LACDPW-WW	RELOCATE
6	WATER	12"	LACDPW-WW	RELOCATE
7	NATURAL GAS	4"	SEMPRA DIST	RELOCATE
8	NATURAL GAS	2"	SEMPRA DIST	RELOCATE

UTILITY INFORMATION CONT.				
#	FACILITY	SIZE	OWNER	DISPOSITION
9	WATER	10"	LACDPW-WW	RELOCATE
10	WATER	10"	LACDPW-WW	RELOCATE
11	OH TELECOM	UNK	VERIZON	RELOCATE
12	OH POWER	12KV	SCE DIST	RELOCATE
13	TELEVISION	UNK	TIME WARNER	RELOCATE
14	NATURAL GAS	2"	SEMPRA DIST	RELOCATE
15	TELEVISION	UNK	TIME WARNER	RELOCATE
16	SEWER	8"	CITY OF LANCASTER	RELOCATE
17	TELECOM	UNK	VERIZON	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

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**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
COMPOSITE UTILITY PLANS
ALTERNATIVE 1,2,3
STA 20960+00 TO 20985+00

CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4213
SCALE
AS SHOWN
SHEET NO.
192

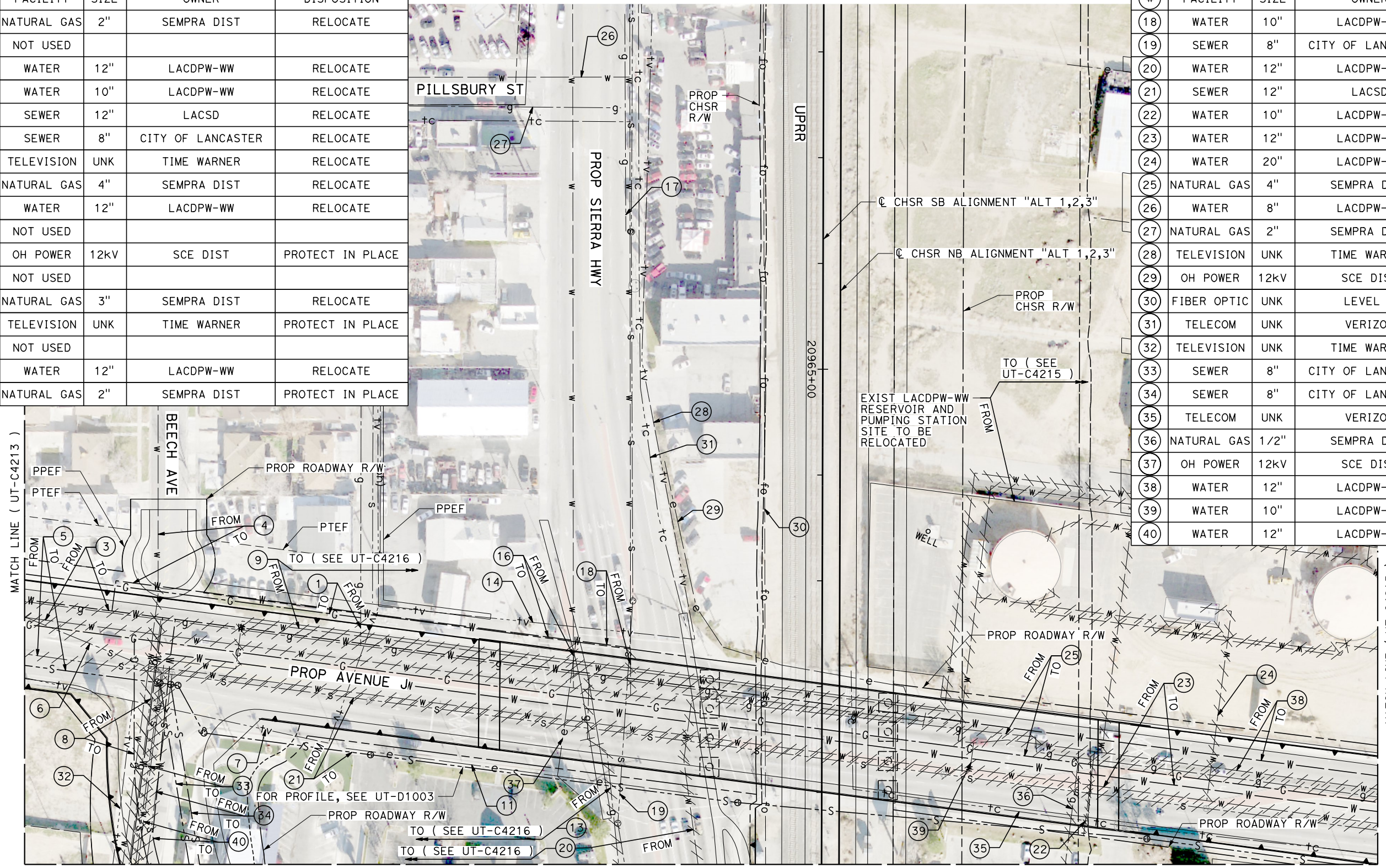
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UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	NATURAL GAS	2"	SEMPRA DIST	RELOCATE
2	NOT USED			
3	WATER	12"	LACDPW-WW	RELOCATE
4	WATER	10"	LACDPW-WW	RELOCATE
5	SEWER	12"	LACSD	RELOCATE
6	SEWER	8"	CITY OF LANCASTER	RELOCATE
7	TELEVISION	UNK	TIME WARNER	RELOCATE
8	NATURAL GAS	4"	SEMPRA DIST	RELOCATE
9	WATER	12"	LACDPW-WW	RELOCATE
10	NOT USED			
11	OH POWER	12KV	SCE DIST	PROTECT IN PLACE
12	NOT USED			
13	NATURAL GAS	3"	SEMPRA DIST	RELOCATE
14	TELEVISION	UNK	TIME WARNER	PROTECT IN PLACE
15	NOT USED			
16	WATER	12"	LACDPW-WW	RELOCATE
17	NATURAL GAS	2"	SEMPRA DIST	PROTECT IN PLACE

UTILITY INFORMATION CONT.				
#	FACILITY	SIZE	OWNER	DISPOSITION
18	WATER	10"	LACDPW-WW	RELOCATE
19	SEWER	8"	CITY OF LANCASTER	PROTECT IN PLACE
20	WATER	12"	LACDPW-WW	RELOCATE
21	SEWER	12"	LACSD	RELOCATE
22	WATER	10"	LACDPW-WW	REMOVE
23	WATER	12"	LACDPW-WW	RELOCATE
24	WATER	20"	LACDPW-WW	REMOVE
25	NATURAL GAS	4"	SEMPRA DIST	RELOCATE
26	WATER	8"	LACDPW-WW	PROTECT IN PLACE
27	NATURAL GAS	2"	SEMPRA DIST	PROTECT IN PLACE
28	TELEVISION	UNK	TIME WARNER	PROTECT IN PLACE
29	OH POWER	12KV	SCE DIST	RELOCATE
30	FIBER OPTIC	UNK	LEVEL 3	RELOCATE
31	TELECOM	UNK	VERIZON	PROTECT IN PLACE
32	TELEVISION	UNK	TIME WARNER	RELOCATE
33	SEWER	8"	CITY OF LANCASTER	RELOCATE
34	SEWER	8"	CITY OF LANCASTER	RELOCATE
35	TELECOM	UNK	VERIZON	RELOCATE
36	NATURAL GAS	1/2"	SEMPRA DIST	REMOVE
37	OH POWER	12KV	SCE DIST	RELOCATE
38	WATER	12"	LACDPW-WW	RELOCATE
39	WATER	10"	LACDPW-WW	REMOVE
40	WATER	12"	LACDPW-WW	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

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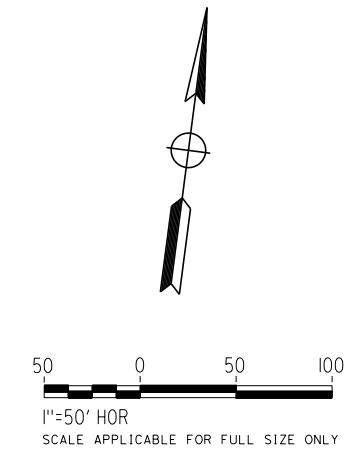
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**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
COMPOSITE UTILITY PLANS
ALTERNATIVE 1,2,3
STA 20960+00 TO 20985+00

CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4214
SCALE
AS SHOWN
SHEET NO.
193

UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	WATER	8"	LACDPW-WW	RELOCATE
2	SEWER	8"	CITY OF LANCASTER	PROTECT IN PLACE
3	WATER	12"	LACDPW-WW	RELOCATE
4	WATER	12"	LACDPW-WW	RELOCATE
5	WATER	12"	LACDPW-WW	RELOCATE
6	NATURAL GAS	4"	SEMPRA DIST	RELOCATE
7	SEWER	12"	LACSD	RELOCATE
8	TELECOM	UNK	VERIZON	RELOCATE
9	TELECOM	UNK	VERIZON	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

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CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
COMPOSITE UTILITY PLANS
ALTERNATIVE 1,2,3
STA 20960+00 TO 20985+00

CONTRACT NO.
HSR13-44

DRAWING NO.
UT-C4215

SCALE
AS SHOWN

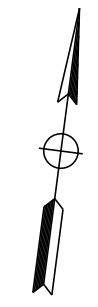
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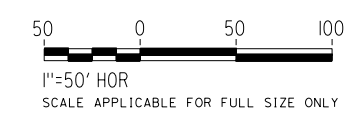
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MATCH LINE (UT-C4214)



UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	NATURAL GAS	2"	SEMPRA DIST	RELOCATE
2	SEWER	8"	CITY OF LANCASTER	RELOCATE
3	SEWER	8"	CITY OF LANCASTER	RELOCATE
4	OH POWER	12KV	SCE DIST	RELOCATE
5	WATER	12"	LACDPW-WW	RELOCATE
6	NATURAL GAS	4"	SEMPRA DIST	RELOCATE
7	WATER	12"	LACDPW-WW	PROTECT IN PLACE
8	NATURAL GAS	1/2"	SEMPRA DIST	REMOVE
9	FIBER OPTIC	UNK	LEVEL 3	RELOCATE
10	NOT USED			
11	WATER	10"	LACDPW-WW	RELOCATE
12	WATER	12"	LACDPW-WW	PROTECT IN PLACE
13	WATER	12"	LACDPW-WW	RELOCATE
14	WATER	8"	LACDPW-WW	PROTECT IN PLACE
15	TELEVISION	UNK	TIME WARNER	RELOCATE
16	OH POWER	12KV	SCE DIST	RELOCATE
17	OH TELECOM	UNK	VERIZON	RELOCATE
18	TELEVISION	UNK	TIME WARNER	RELOCATE
19	NATURAL GAS	2"	SEMPRA DIST	PROTECT IN PLACE
20	NATURAL GAS	4"	SEMPRA DIST	PROTECT IN PLACE
21	OH TELECOM	UNK	VERIZON	PROTECT IN PLACE
22	WATER	10"	LACDPW-WW	PROTECT IN PLACE
23	WATER	12"	LACDPW-WW	RELOCATE
24	NOT USED			



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
STA 20960+00 TO 20985+00

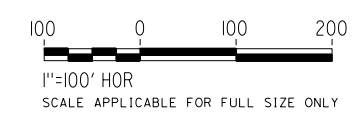
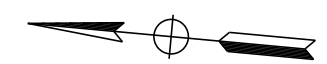
CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4216
SCALE
AS SHOWN
SHEET NO.
195

MATCH LINE (UT-C4150)



MATCH LINE (UT-C4223)

UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	WATER	12"	LACDPW-WW	RELOCATE
2	REC WATER	24"	CITY OF LANCASTER	RELOCATE
3	NATURAL GAS	4"	SEMPRA DIST	RELOCATE



REV	DATE	BY	CHK	APP	DESCRIPTION

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

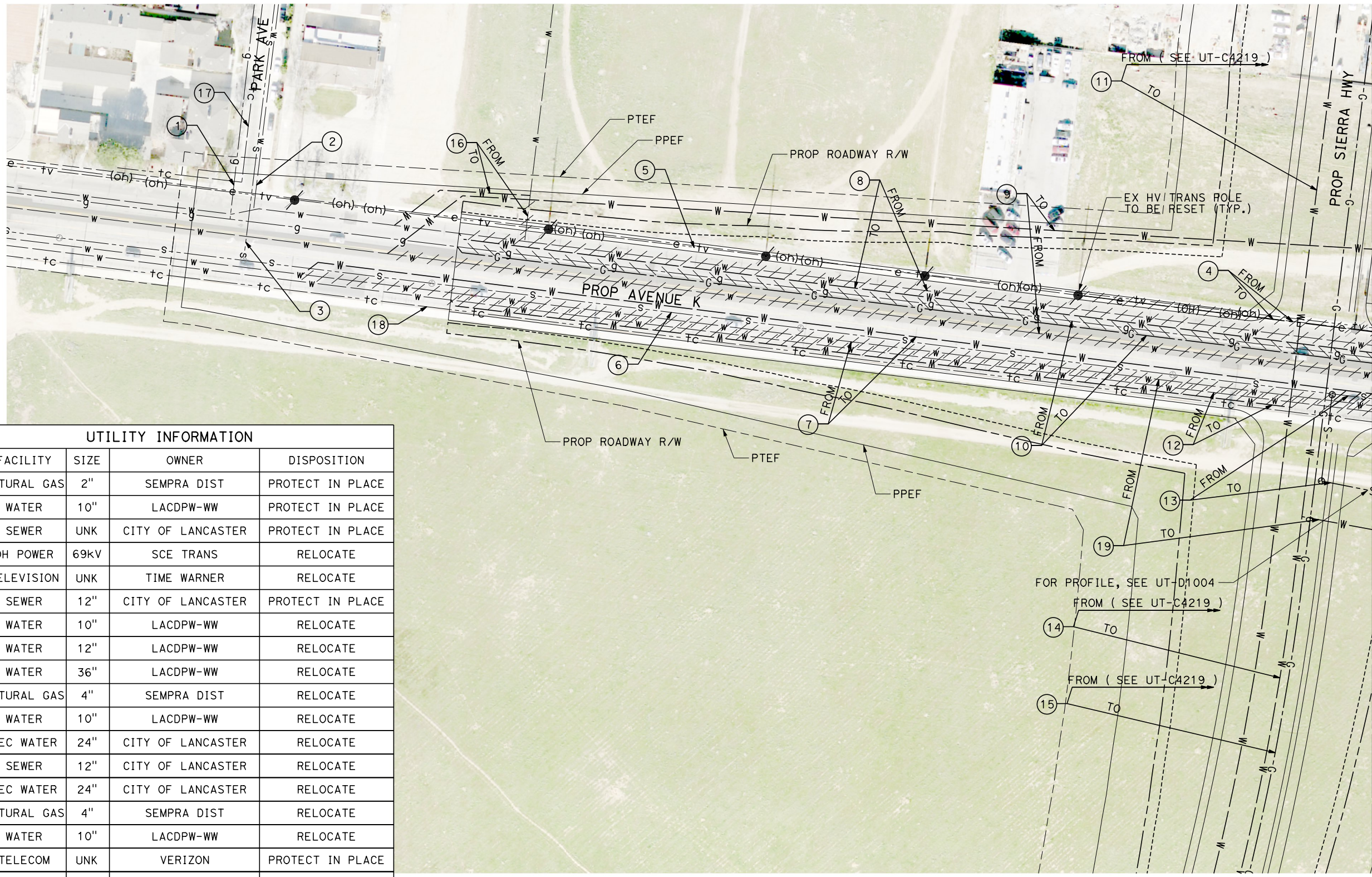
**RECORD SET
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CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
COMPOSITE UTILITY PLANS
ALTERNATIVE 1,2,3
STA 21010+00 TO 21035+00

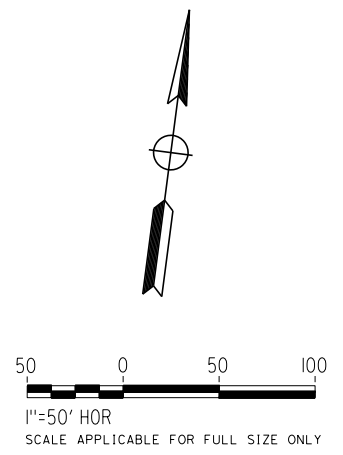
CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4217
SCALE
AS SHOWN
SHEET NO.
196



UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	NATURAL GAS	2"	SEMPRA DIST	PROTECT IN PLACE
2	WATER	10"	LACDPW-WW	PROTECT IN PLACE
3	SEWER	UNK	CITY OF LANCASTER	PROTECT IN PLACE
4	OH POWER	69kV	SCE TRANS	RELOCATE
5	TELEVISION	UNK	TIME WARNER	RELOCATE
6	SEWER	12"	CITY OF LANCASTER	PROTECT IN PLACE
7	WATER	10"	LACDPW-WW	RELOCATE
8	WATER	12"	LACDPW-WW	RELOCATE
9	WATER	36"	LACDPW-WW	RELOCATE
10	NATURAL GAS	4"	SEMPRA DIST	RELOCATE
11	WATER	10"	LACDPW-WW	RELOCATE
12	REC WATER	24"	CITY OF LANCASTER	RELOCATE
13	SEWER	12"	CITY OF LANCASTER	RELOCATE
14	REC WATER	24"	CITY OF LANCASTER	RELOCATE
15	NATURAL GAS	4"	SEMPRA DIST	RELOCATE
16	WATER	10"	LACDPW-WW	RELOCATE
17	TELECOM	UNK	VERIZON	PROTECT IN PLACE
18	TELECOM	UNK	VERIZON	RELOCATE
19	REC WATER	24"	CITY OF LANCASTER	RELOCATE

FOR PROFILE, SEE UT-D1004
 FROM (SEE UT-C4219)
 TO

MATCH LINE (UT-C4219)



REV	DATE	BY	CHK	APP	DESCRIPTION

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J. LOPEZ
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 IN CHARGE
G. CAMPBELL
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**CALIFORNIA HIGH-SPEED RAIL PROJECT
 BAKERSFIELD TO PALMDALE**
 COMPOSITE UTILITY PLANS
 ALTERNATIVE 1,2,3
 STA 21010+00 TO 21035+00

CONTRACT NO.
HSR13-44
 DRAWING NO.
UT-C4218
 SCALE
AS SHOWN
 SHEET NO.
197

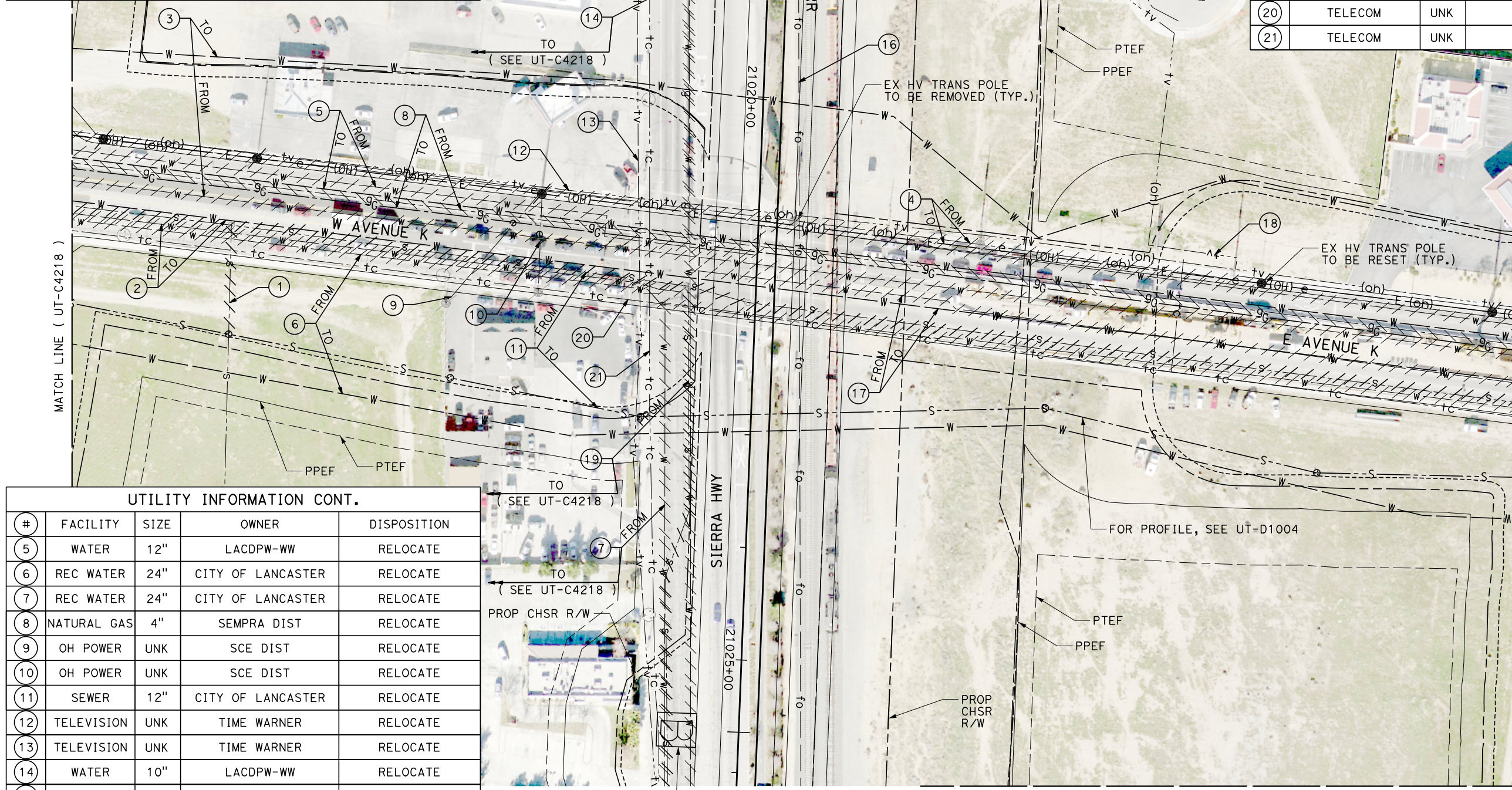
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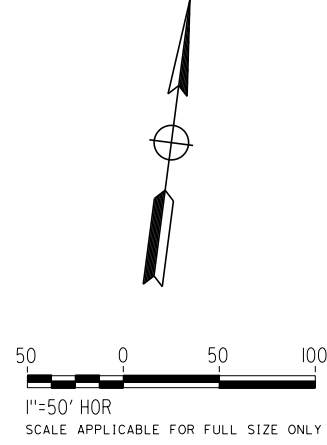
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UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	SEWER	8"	CITY OF LANCASTER	REMOVE
2	WATER	10"	LACDPW-WW	RELOCATE
3	WATER	36"	LACDPW-WW	RELOCATE
4	OH POWER	69KV	SCE TRANS	RELOCATE

UTILITY INFORMATION CONT.				
#	FACILITY	SIZE	OWNER	DISPOSITION
16	FIBER OPTIC	UNK	LEVEL 3	RELOCATE
17	WATER	10"	LACDPW-WW	RELOCATE
18	TELEVISION	UNK	TIME WARNER	RELOCATE
19	SEWER	8"	CITY OF LANCASTER	RELOCATE
20	TELECOM	UNK	VERIZON	RELOCATE
21	TELECOM	UNK	VERIZON	RELOCATE



UTILITY INFORMATION CONT.				
#	FACILITY	SIZE	OWNER	DISPOSITION
5	WATER	12"	LACDPW-WW	RELOCATE
6	REC WATER	24"	CITY OF LANCASTER	RELOCATE
7	REC WATER	24"	CITY OF LANCASTER	RELOCATE
8	NATURAL GAS	4"	SEMPRA DIST	RELOCATE
9	OH POWER	UNK	SCE DIST	RELOCATE
10	OH POWER	UNK	SCE DIST	RELOCATE
11	SEWER	12"	CITY OF LANCASTER	RELOCATE
12	TELEVISION	UNK	TIME WARNER	RELOCATE
13	TELEVISION	UNK	TIME WARNER	RELOCATE
14	WATER	10"	LACDPW-WW	RELOCATE
15	NATURAL GAS	4"	SEMPRA DIST	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

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CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
COMPOSITE UTILITY PLANS
ALTERNATIVE 1,2,3
STA 21010+00 TO 21035+00

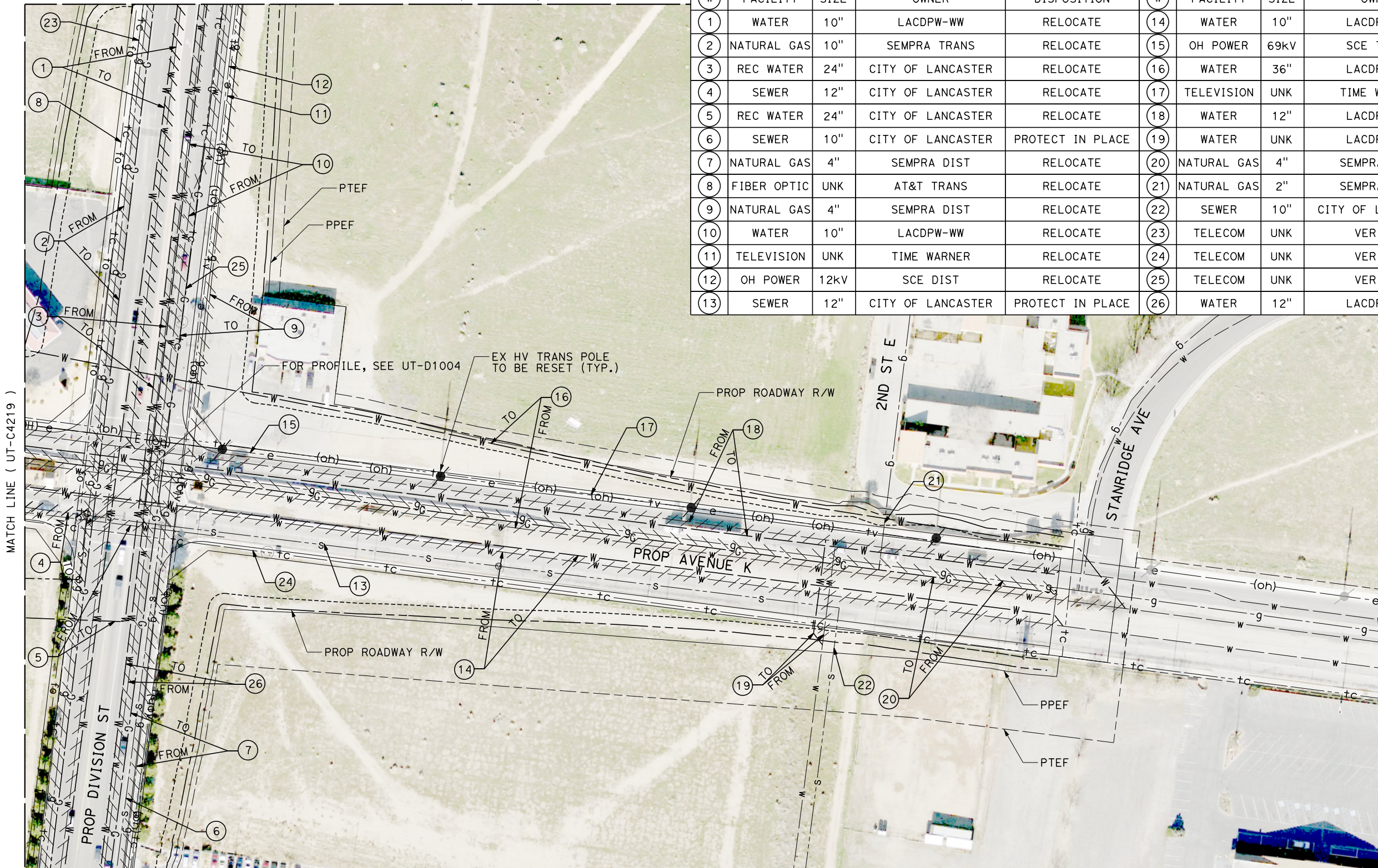
CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4219
SCALE
AS SHOWN
SHEET NO.
198

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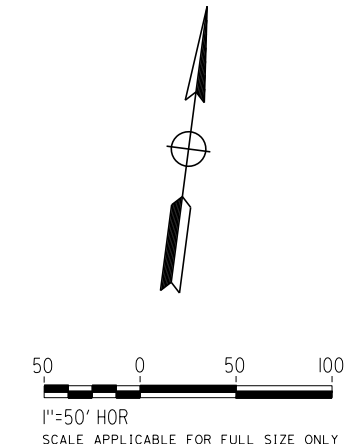
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MATCH LINE (UT-C4221)



MATCH LINE (UT-C4222)

UTILITY INFORMATION					UTILITY INFORMATION CONT.				
#	FACILITY	SIZE	OWNER	DISPOSITION	#	FACILITY	SIZE	OWNER	DISPOSITION
1	WATER	10"	LACDPW-WW	RELOCATE	14	WATER	10"	LACDPW-WW	RELOCATE
2	NATURAL GAS	10"	SEMPRA TRANS	RELOCATE	15	OH POWER	69kV	SCE TRANS	RELOCATE
3	REC WATER	24"	CITY OF LANCASTER	RELOCATE	16	WATER	36"	LACDPW-WW	RELOCATE
4	SEWER	12"	CITY OF LANCASTER	RELOCATE	17	TELEVISION	UNK	TIME WARNER	RELOCATE
5	REC WATER	24"	CITY OF LANCASTER	RELOCATE	18	WATER	12"	LACDPW-WW	RELOCATE
6	SEWER	10"	CITY OF LANCASTER	PROTECT IN PLACE	19	WATER	UNK	LACDPW-WW	RELOCATE
7	NATURAL GAS	4"	SEMPRA DIST	RELOCATE	20	NATURAL GAS	4"	SEMPRA DIST	RELOCATE
8	FIBER OPTIC	UNK	AT&T TRANS	RELOCATE	21	NATURAL GAS	2"	SEMPRA DIST	PROTECT IN PLACE
9	NATURAL GAS	4"	SEMPRA DIST	RELOCATE	22	SEWER	10"	CITY OF LANCASTER	PROTECT IN PLACE
10	WATER	10"	LACDPW-WW	RELOCATE	23	TELECOM	UNK	VERIZON	RELOCATE
11	TELEVISION	UNK	TIME WARNER	RELOCATE	24	TELECOM	UNK	VERIZON	RELOCATE
12	OH POWER	12kV	SCE DIST	RELOCATE	25	TELECOM	UNK	VERIZON	RELOCATE
13	SEWER	12"	CITY OF LANCASTER	PROTECT IN PLACE	26	WATER	12"	LACDPW-WW	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

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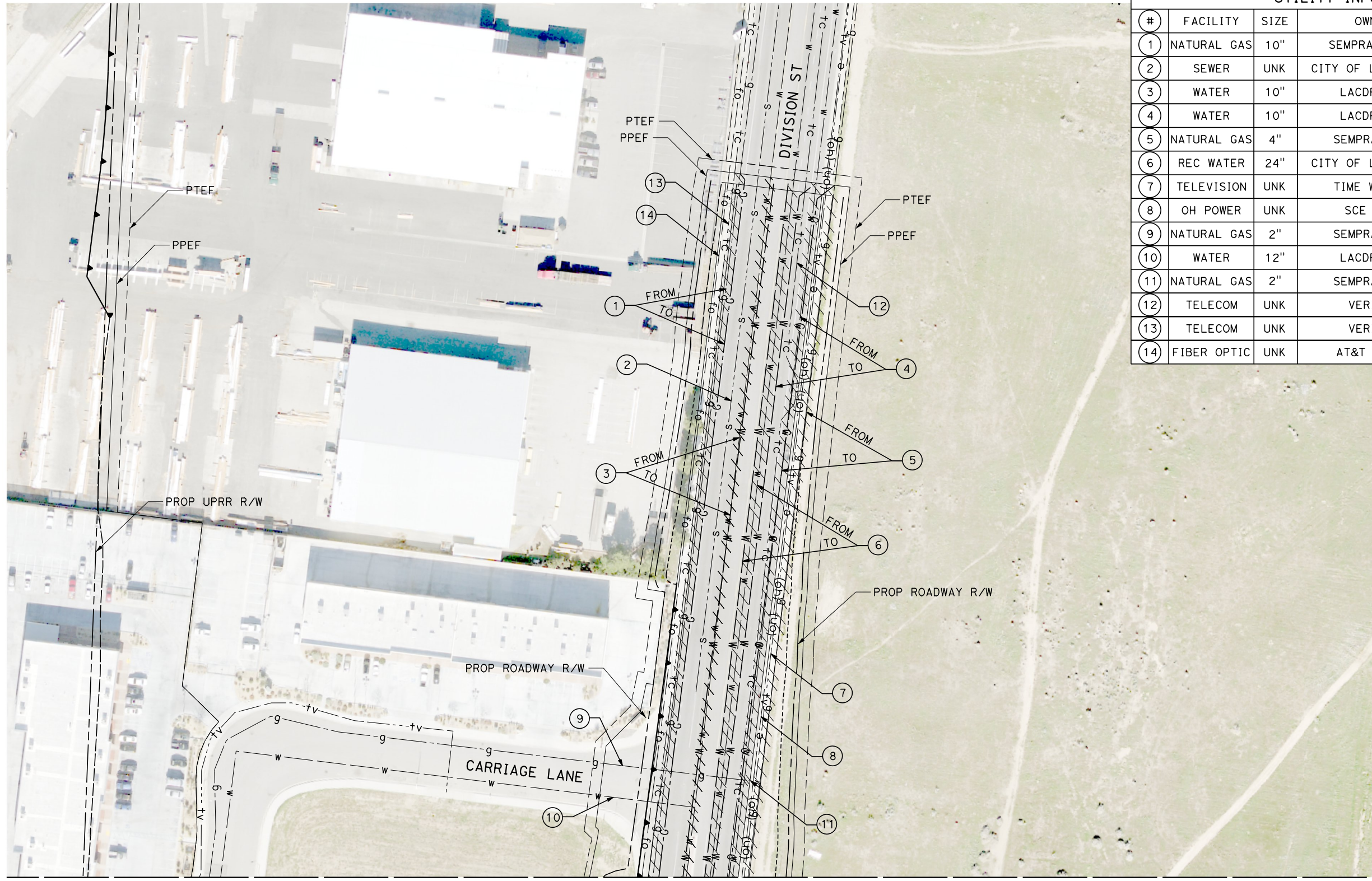
**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
COMPOSITE UTILITY PLANS
ALTERNATIVE 1,2,3
STA 21010+00 TO 21035+00

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UT-C4220
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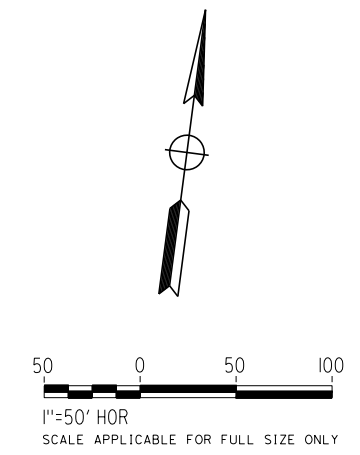
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UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	NATURAL GAS	10"	SEMPRA TRANS	RELOCATE
2	SEWER	UNK	CITY OF LANCASTER	PROTECT IN PLACE
3	WATER	10"	LACDPW-WW	RELOCATE
4	WATER	10"	LACDPW-WW	RELOCATE
5	NATURAL GAS	4"	SEMPRA DIST	RELOCATE
6	REC WATER	24"	CITY OF LANCASTER	RELOCATE
7	TELEVISION	UNK	TIME WARNER	RELOCATE
8	OH POWER	UNK	SCE DIST	RELOCATE
9	NATURAL GAS	2"	SEMPRA DIST	PROTECT IN PLACE
10	WATER	12"	LACDPW-WW	PROTECT IN PLACE
11	NATURAL GAS	2"	SEMPRA DIST	REMOVE
12	TELECOM	UNK	VERIZON	RELOCATE
13	TELECOM	UNK	VERIZON	RELOCATE
14	FIBER OPTIC	UNK	AT&T TRANS	RELOCATE

MATCH LINE (UT-C4219)

MATCH LINE (UT-C4220)



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
STA 21010+00 TO 21035+00

CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4221
SCALE
AS SHOWN
SHEET NO.
200

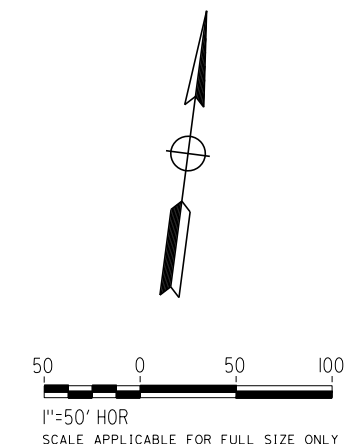
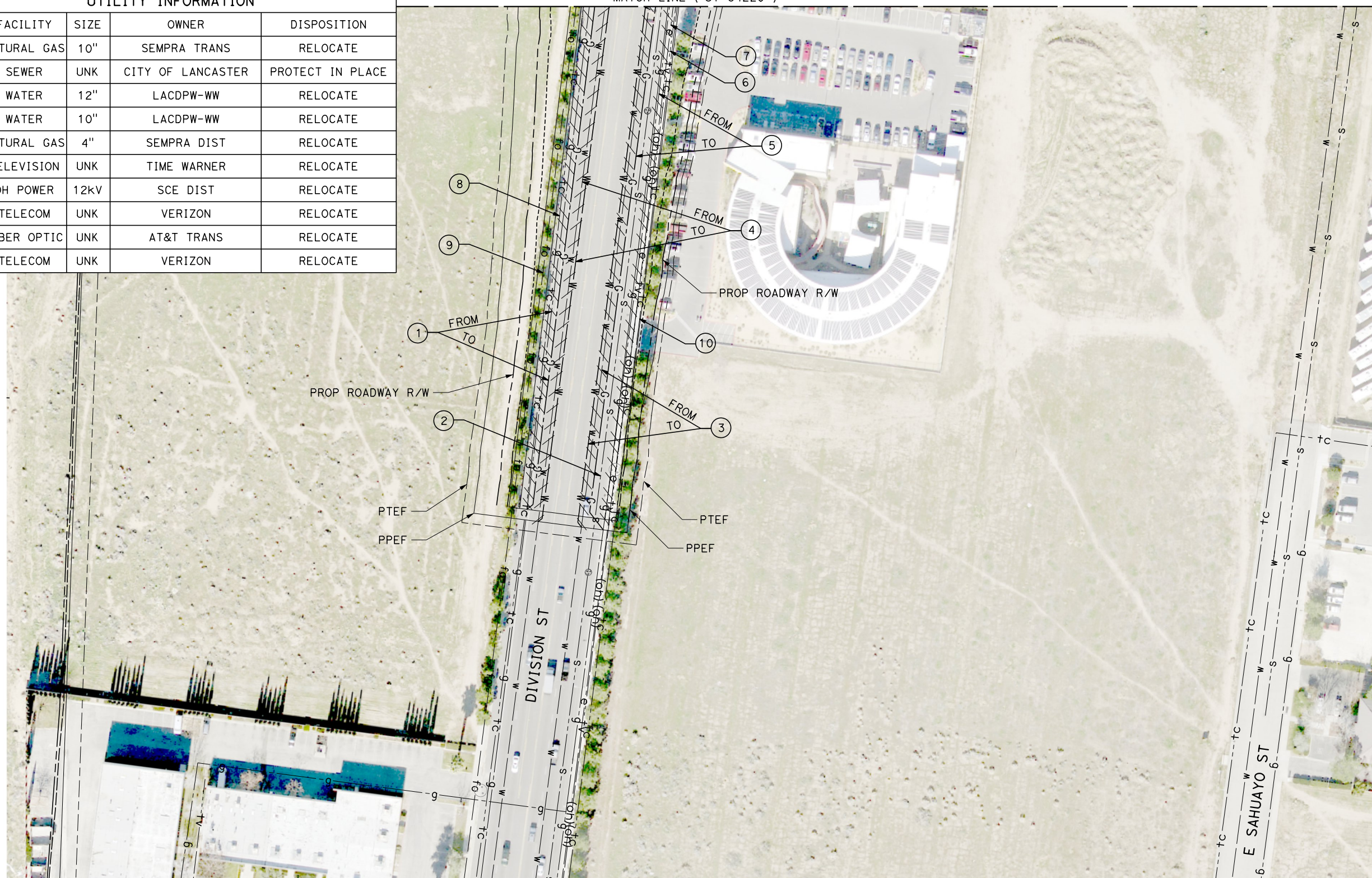
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1/23/2021 3:18:18 AM

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UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	NATURAL GAS	10"	SEMPRA TRANS	RELOCATE
2	SEWER	UNK	CITY OF LANCASTER	PROTECT IN PLACE
3	WATER	12"	LACDPW-WW	RELOCATE
4	WATER	10"	LACDPW-WW	RELOCATE
5	NATURAL GAS	4"	SEMPRA DIST	RELOCATE
6	TELEVISION	UNK	TIME WARNER	RELOCATE
7	OH POWER	12KV	SCE DIST	RELOCATE
8	TELECOM	UNK	VERIZON	RELOCATE
9	FIBER OPTIC	UNK	AT&T TRANS	RELOCATE
10	TELECOM	UNK	VERIZON	RELOCATE

MATCH LINE (UT-C4220)



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
STA 21010+00 TO 21035+00

CONTRACT NO.
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UT-C4222
SCALE
AS SHOWN
SHEET NO.
201

