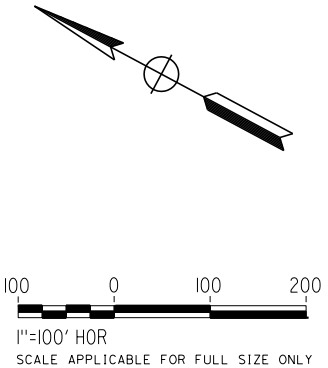
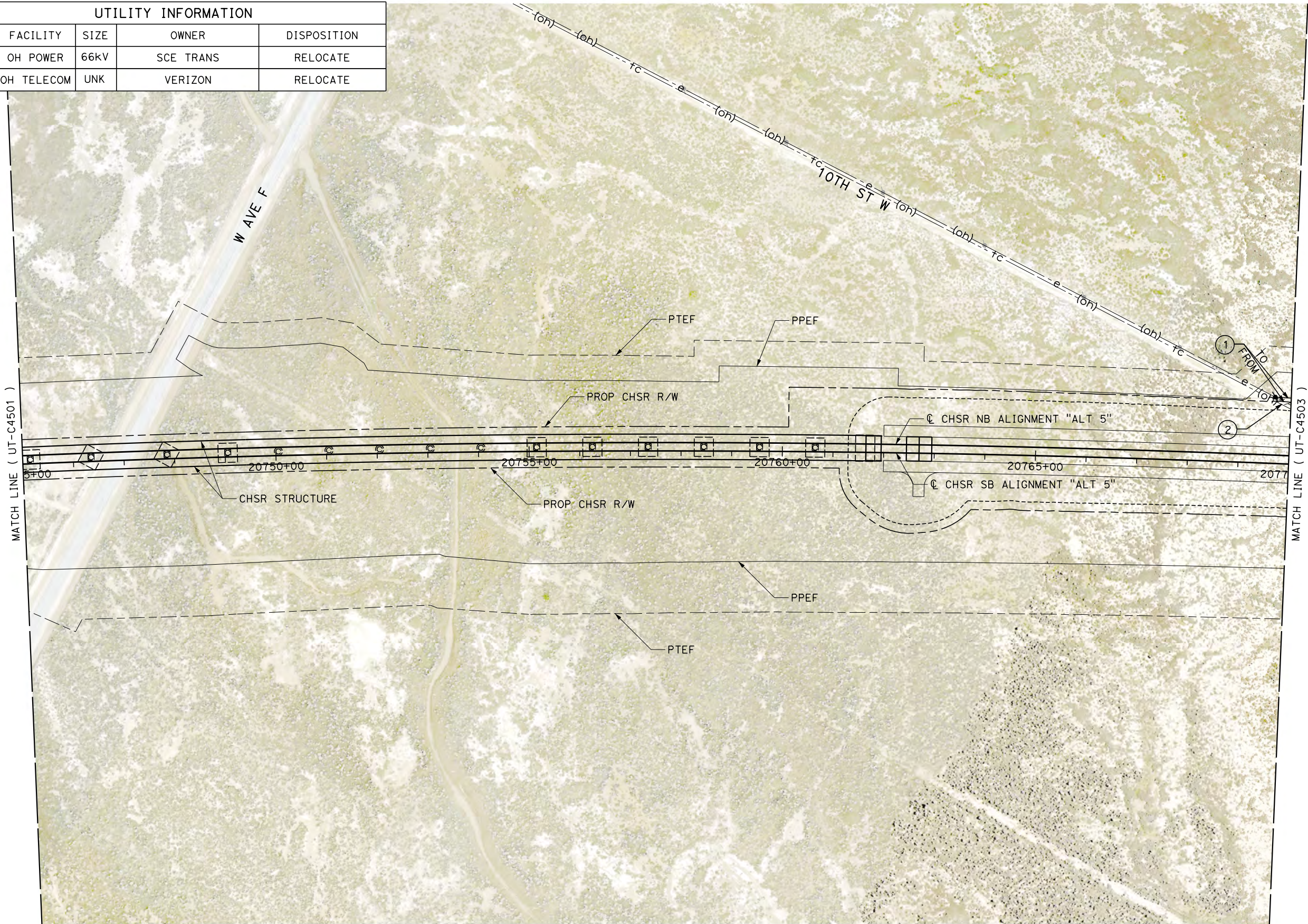


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UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	OH POWER	66kV	SCE TRANS	RELOCATE
2	OH TELECOM	UNK	VERIZON	RELOCATE



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 5 STA 20745+00 TO 20770+00

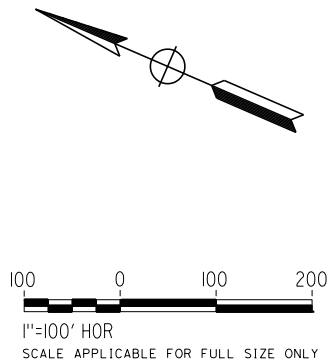
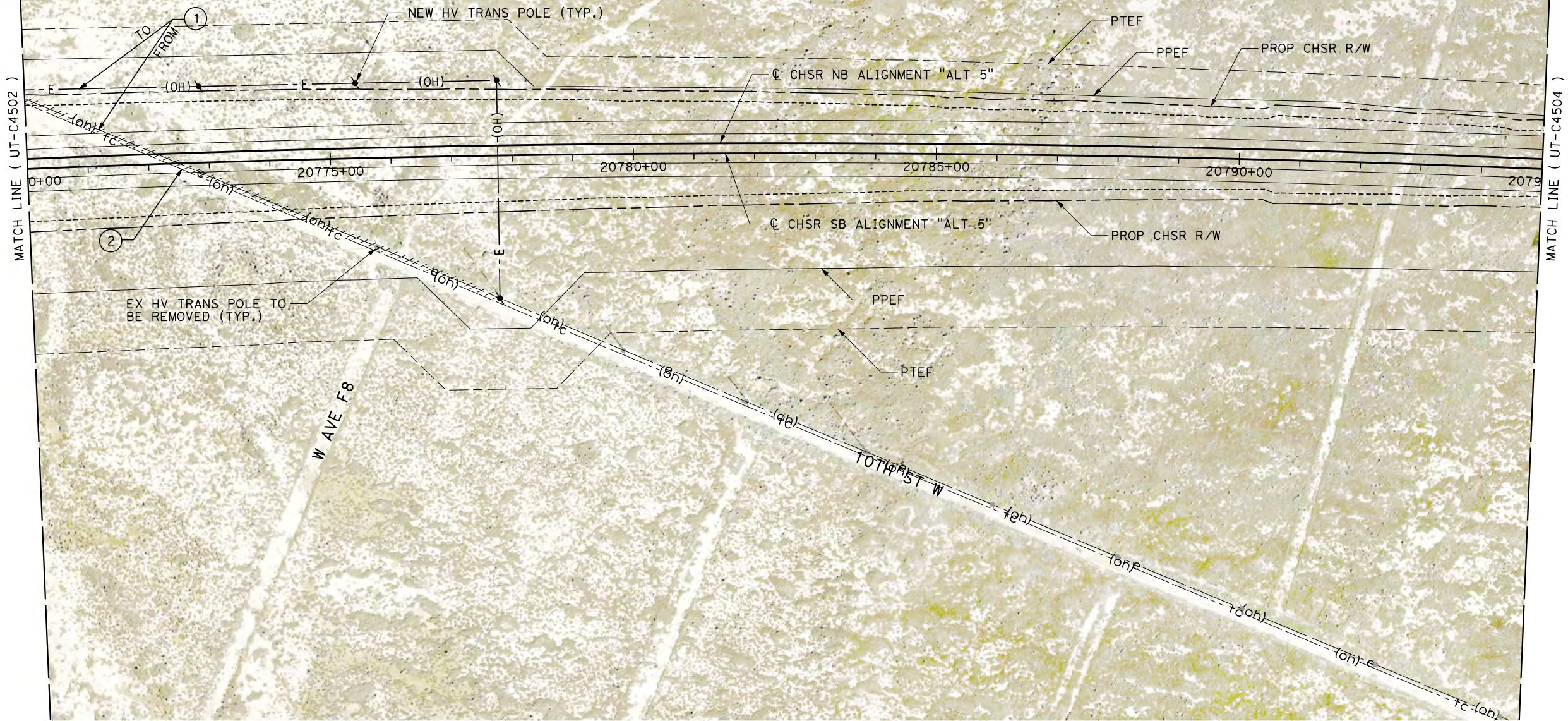
CONTRACT NO. HSR13-44
DRAWING NO. UT-C4502
SCALE AS SHOWN
SHEET NO. 320

Projects\701206.00_CHSRBP\00_CADD\Sheet Files\UT\Alt5 (Lancaster A)\BP-UT-C4503

1/20/2021 4:52:32 AM

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UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	OH POWER	66kV	SCE TRANS	RELOCATE
2	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

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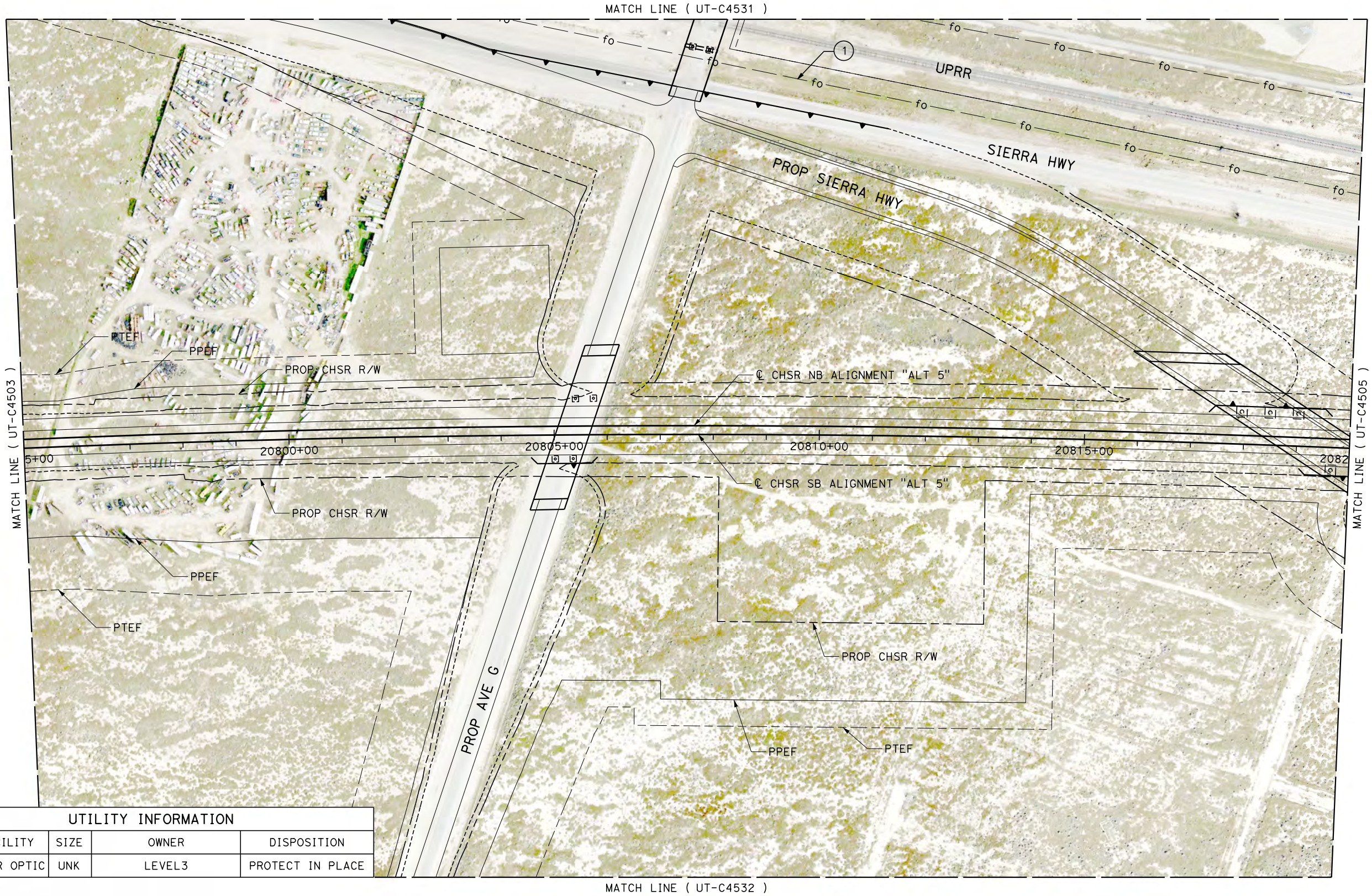


CALIFORNIA
HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
COMPOSITE UTILITY PLANS
ALTERNATIVE 5
STA 20770+00 TO 20795+00

CONTRACT NO.	HSR13-44
DRAWING NO.	UT-C4503
SCALE	AS SHOWN
SHEET NO.	321

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jcs_user_17609
Projects\701206.00_CHSRBP\00_CADD\Sheet_Files\UT\Alt5 (Lancaster A)\BP-UT-C4504



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

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY D. HOLMAN
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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 5 STA 20795+00 TO 20820+00

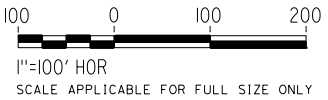
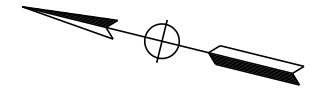
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DRAWING NO. UT-C4504
SCALE AS SHOWN
SHEET NO. 322

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1/20/2021 4:44:30 AM

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UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	NATURAL GAS	4"	SEMPRA DIST	RELOCATE
2	WATER	12"	LACDPW-WW	RELOCATE
3	FIBER OPTIC	UNK	LEVEL 3	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
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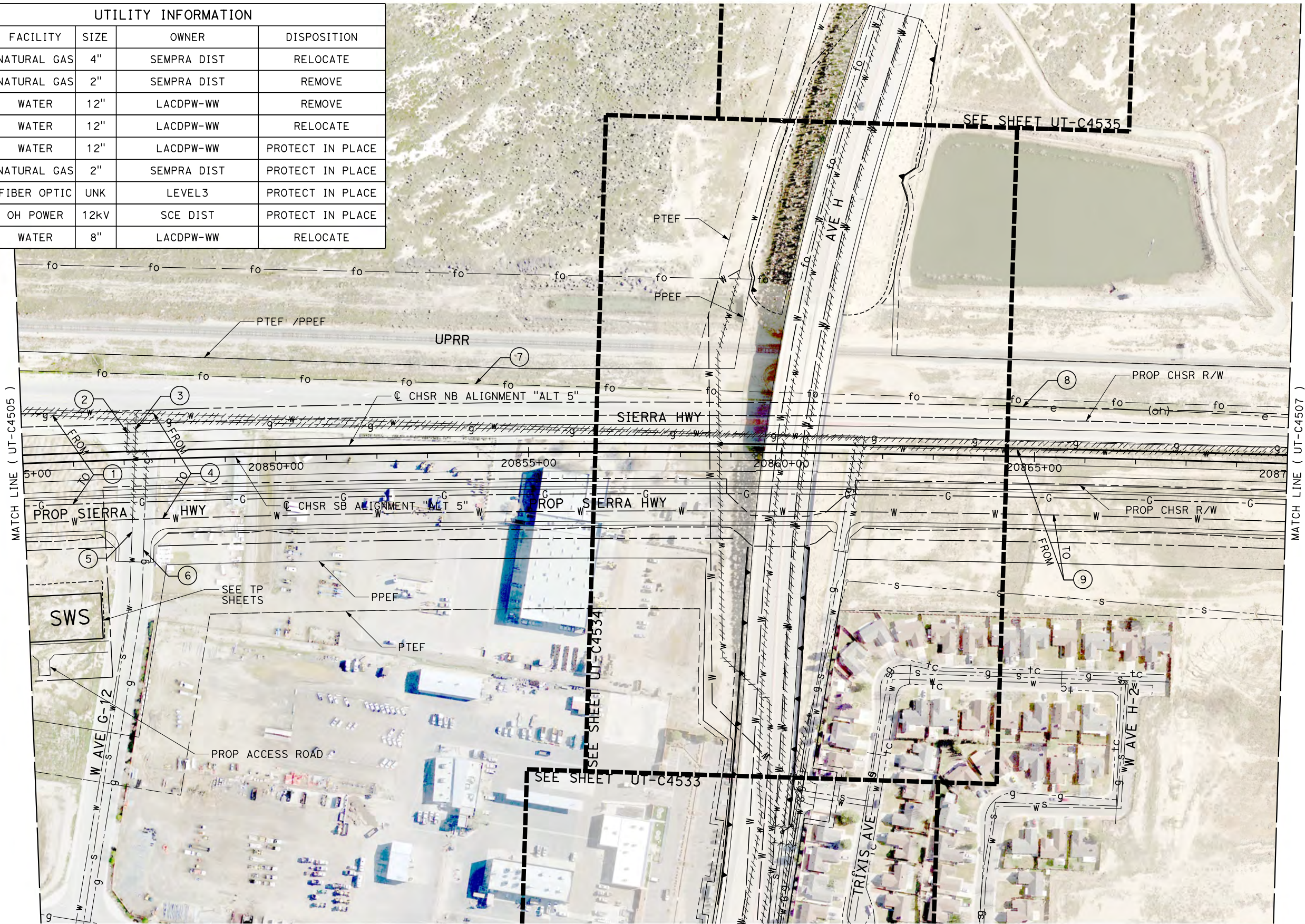


CALIFORNIA HIGH-SPEED RAIL PROJECT BAKERSFIELD TO PALMDALE COMPOSITE UTILITY PLANS ALTERNATIVE 5 STA 20820+00 TO 20845+00

CONTRACT NO. HSR13-44
DRAWING NO. UT-C4505
SCALE AS SHOWN
SHEET NO. 323

1/20/2021 4:50:04 AM
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Projects\701206.00_CHSRBP\00_CADD\Sheet_Files\UT\Alt5 (Lancaster A)\BP-UT-C4506

UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	NATURAL GAS	4"	SEMPRA DIST	RELOCATE
2	NATURAL GAS	2"	SEMPRA DIST	REMOVE
3	WATER	12"	LACDPW-WW	REMOVE
4	WATER	12"	LACDPW-WW	RELOCATE
5	WATER	12"	LACDPW-WW	PROTECT IN PLACE
6	NATURAL GAS	2"	SEMPRA DIST	PROTECT IN PLACE
7	FIBER OPTIC	UNK	LEVEL3	PROTECT IN PLACE
8	OH POWER	12kV	SCE DIST	PROTECT IN PLACE
9	WATER	8"	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
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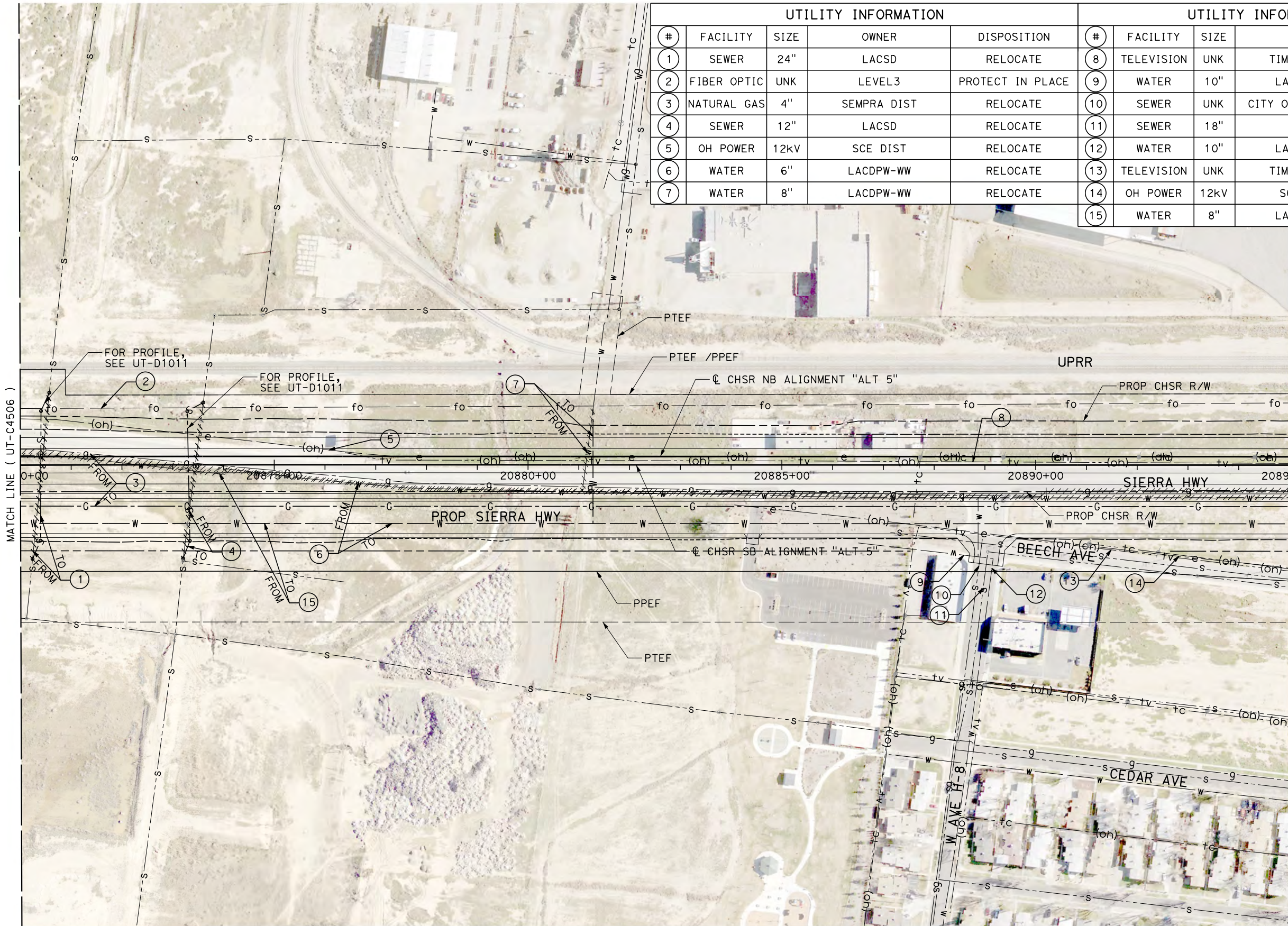
TYLIN INTERNATIONAL



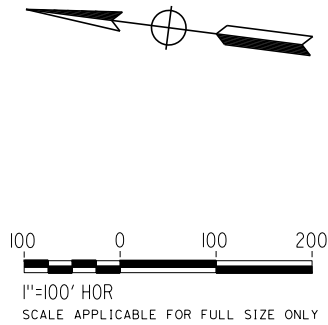
CALIFORNIA
HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
COMPOSITE UTILITY PLANS
ALTERNATIVE 5
STA 20845+00 TO 20870+00

CONTRACT NO. HSR13-44
DRAWING NO. UT-C4506
SCALE AS SHOWN
SHEET NO. 324



UTILITY INFORMATION					UTILITY INFORMATION CONT.				
#	FACILITY	SIZE	OWNER	DISPOSITION	#	FACILITY	SIZE	OWNER	DISPOSITION
1	SEWER	24"	LACSD	RELOCATE	8	TELEVISION	UNK	TIME WARNER	RELOCATE
2	FIBER OPTIC	UNK	LEVEL3	PROTECT IN PLACE	9	WATER	10"	LACDPW-WW	PROTECT IN PLACE
3	NATURAL GAS	4"	SEMPRA DIST	RELOCATE	10	SEWER	UNK	CITY OF LANCASTER	PROTECT IN PLACE
4	SEWER	12"	LACSD	RELOCATE	11	SEWER	18"	LACSD	PROTECT IN PLACE
5	OH POWER	12KV	SCE DIST	RELOCATE	12	WATER	10"	LACDPW-WW	PROTECT IN PLACE
6	WATER	6"	LACDPW-WW	RELOCATE	13	TELEVISION	UNK	TIME WARNER	PROTECT IN PLACE
7	WATER	8"	LACDPW-WW	RELOCATE	14	OH POWER	12KV	SCE DIST	PROTECT IN PLACE
					15	WATER	8"	LACDPW-WW	RELOCATE



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY D. HOLMAN
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IN CHARGE G. CAMPBELL
DATE 01/29/2021

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CALIFORNIA HIGH-SPEED RAIL PROJECT BAKERSFIELD TO PALMDALE COMPOSITE UTILITY PLANS ALTERNATIVE 5 STA 20870+00 TO 20895+00

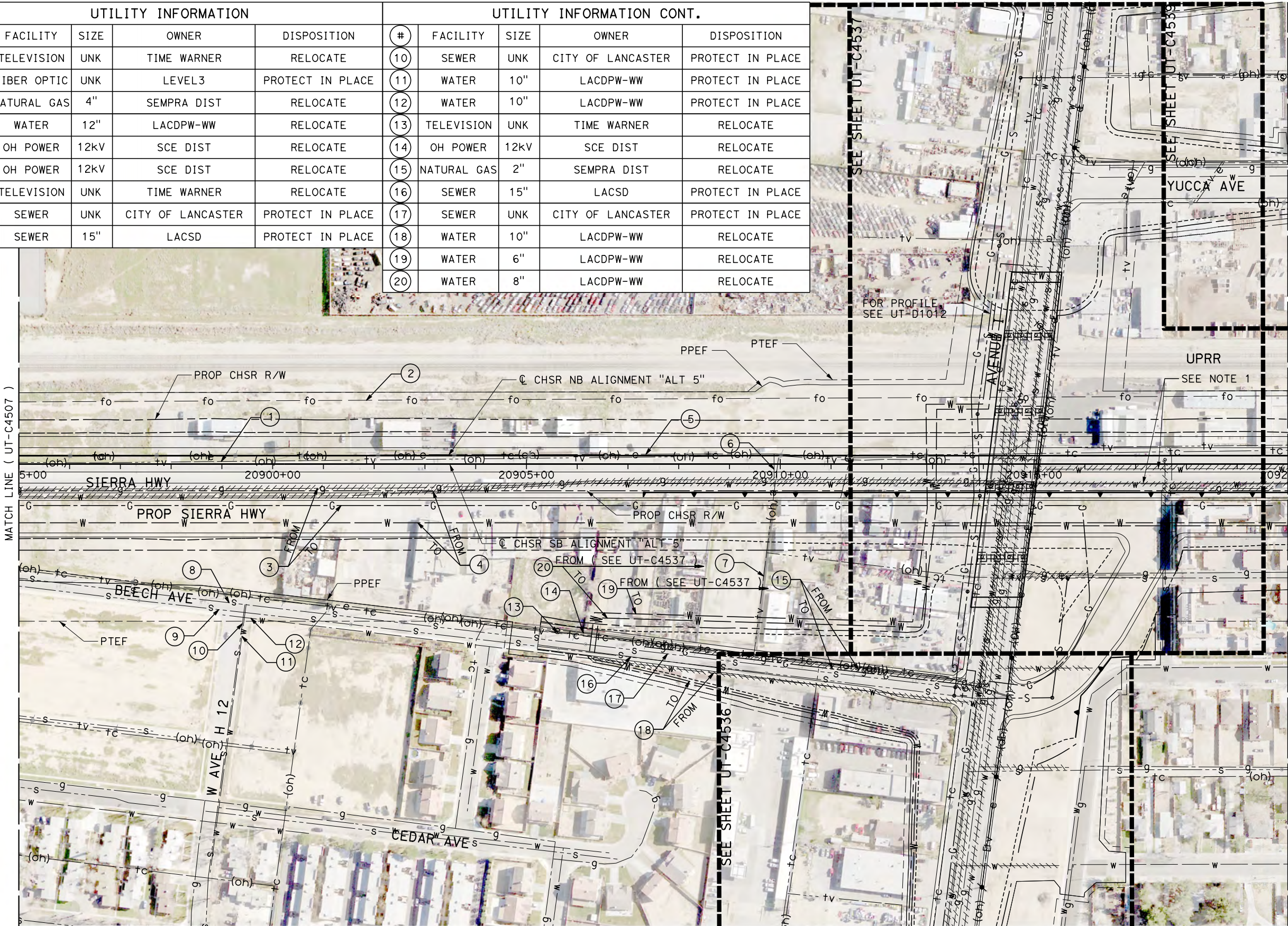
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DRAWING NO. UT-C4507
SCALE AS SHOWN
SHEET NO. 325

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UTILITY INFORMATION					UTILITY INFORMATION CONT.				
#	FACILITY	SIZE	OWNER	DISPOSITION	#	FACILITY	SIZE	OWNER	DISPOSITION
1	TELEVISION	UNK	TIME WARNER	RELOCATE	10	SEWER	UNK	CITY OF LANCASTER	PROTECT IN PLACE
2	FIBER OPTIC	UNK	LEVEL3	PROTECT IN PLACE	11	WATER	10"	LACDPW-WW	PROTECT IN PLACE
3	NATURAL GAS	4"	SEMPRA DIST	RELOCATE	12	WATER	10"	LACDPW-WW	PROTECT IN PLACE
4	WATER	12"	LACDPW-WW	RELOCATE	13	TELEVISION	UNK	TIME WARNER	RELOCATE
5	OH POWER	12KV	SCE DIST	RELOCATE	14	OH POWER	12KV	SCE DIST	RELOCATE
6	OH POWER	12KV	SCE DIST	RELOCATE	15	NATURAL GAS	2"	SEMPRA DIST	RELOCATE
7	TELEVISION	UNK	TIME WARNER	RELOCATE	16	SEWER	15"	LACSD	PROTECT IN PLACE
8	SEWER	UNK	CITY OF LANCASTER	PROTECT IN PLACE	17	SEWER	UNK	CITY OF LANCASTER	PROTECT IN PLACE
9	SEWER	15"	LACSD	PROTECT IN PLACE	18	WATER	10"	LACDPW-WW	RELOCATE
					19	WATER	6"	LACDPW-WW	RELOCATE
					20	WATER	8"	LACDPW-WW	RELOCATE



- NOTES:**
1. RELOCATIONS OF EXISTING WATERLINES ON SHEET UT-C4537 ARE NOT LABELED ON THIS SHEET. REFER TO SHEET UT-C4537.

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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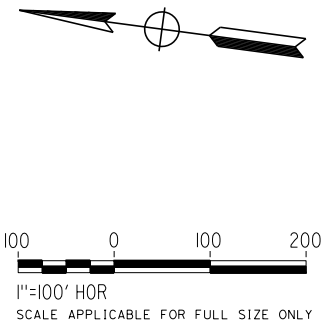
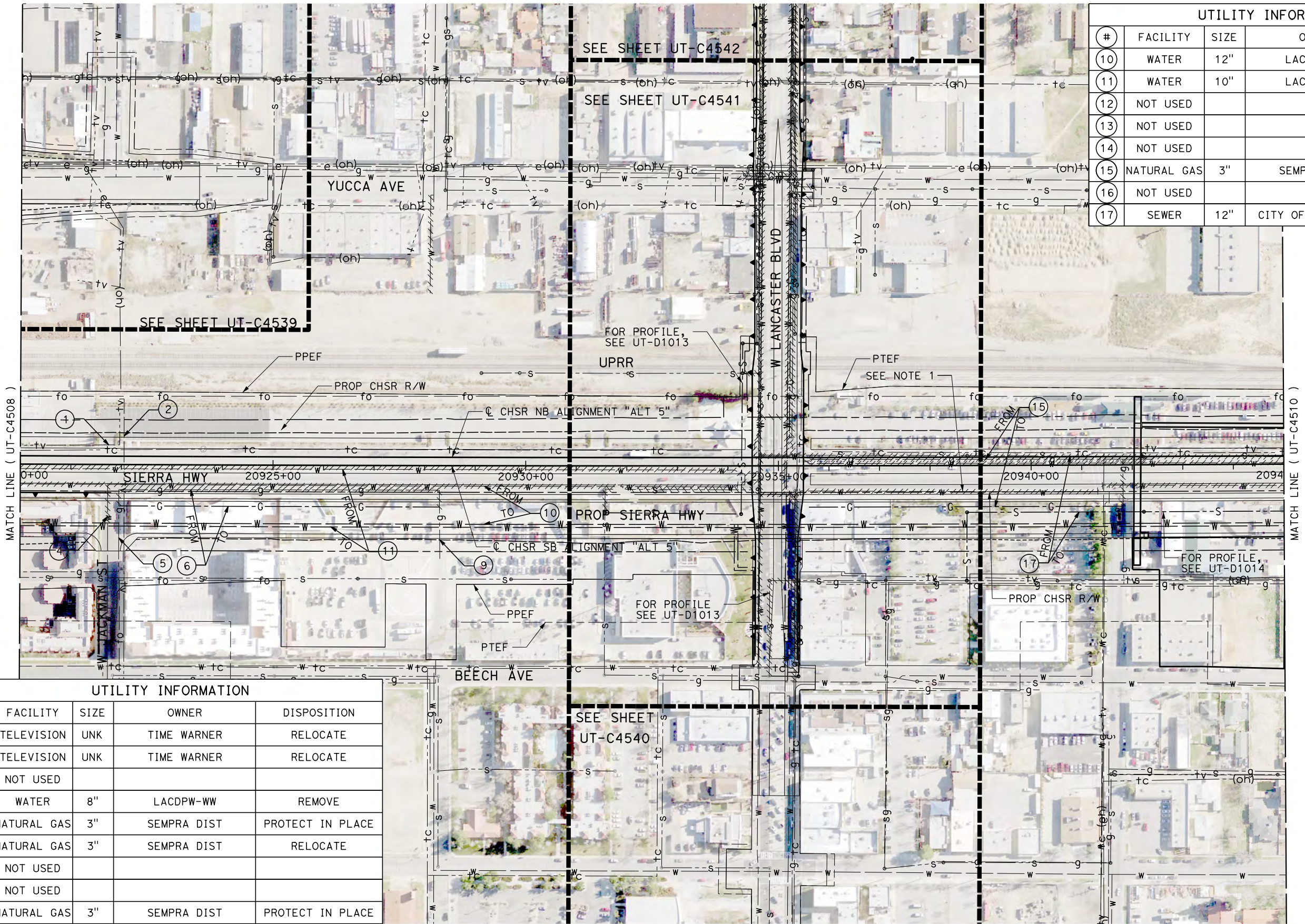
CALIFORNIA
HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
COMPOSITE UTILITY PLANS
ALTERNATIVE 5
STA 20895+00 TO 20920+00

CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4508
SCALE
AS SHOWN
SHEET NO.
326

UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	TELEVISION	UNK	TIME WARNER	RELOCATE
2	TELEVISION	UNK	TIME WARNER	RELOCATE
3	NOT USED			
4	WATER	8"	LACDPW-WW	REMOVE
5	NATURAL GAS	3"	SEMPRA DIST	PROTECT IN PLACE
6	NATURAL GAS	3"	SEMPRA DIST	RELOCATE
7	NOT USED			
8	NOT USED			
9	NATURAL GAS	3"	SEMPRA DIST	PROTECT IN PLACE

UTILITY INFORMATION CONT.				
#	FACILITY	SIZE	OWNER	DISPOSITION
10	WATER	12"	LACDPW-WW	RELOCATE
11	WATER	10"	LACDPW-WW	RELOCATE
12	NOT USED			
13	NOT USED			
14	NOT USED			
15	NATURAL GAS	3"	SEMPRA DIST	RELOCATE
16	NOT USED			
17	SEWER	12"	CITY OF LANCASTER	RELOCATE



REV	DATE	BY	CHK	APP	DESCRIPTION

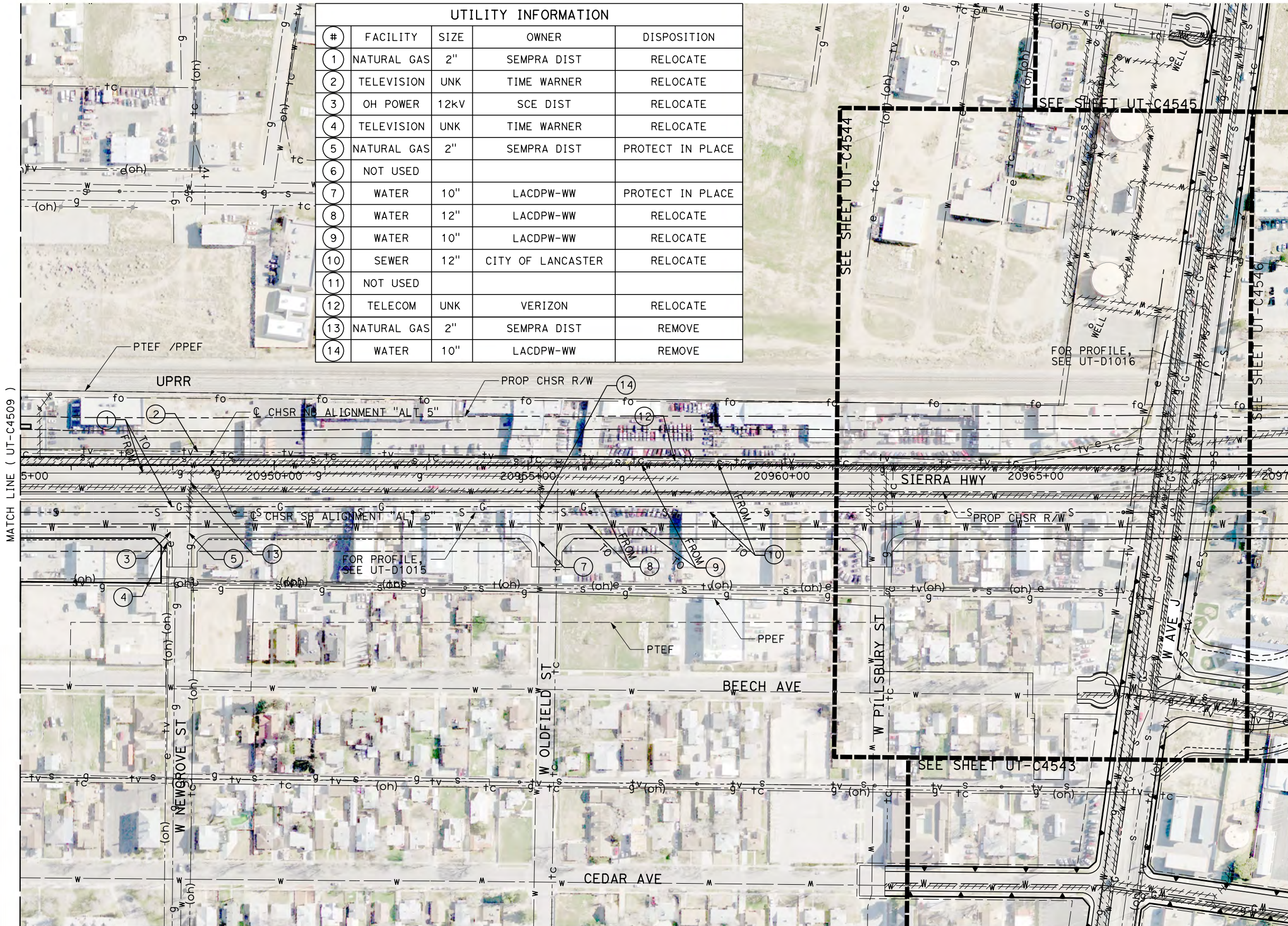
DESIGNED BY D. HOLMAN
DRAWN BY J. LOPEZ
CHECKED BY G. CAMPBELL
IN CHARGE G. CAMPBELL
DATE 01/29/2021

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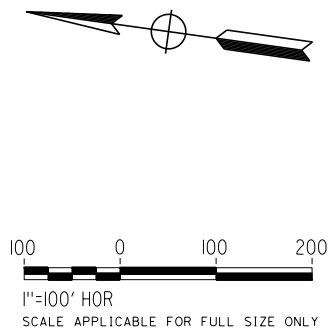


CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
COMPOSITE UTILITY PLANS
ALTERNATIVE 5
STA 20920+00 TO 20945+00

CONTRACT NO. HSR13-44
DRAWING NO. UT-C4509
SCALE AS SHOWN
SHEET NO. 327



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



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 AUTHORITY

CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
COMPOSITE UTILITY PLANS
ALTERNATIVE 5
STA 20945+00 TO 20970+00

CONTRACT NO. HSR13-44
DRAWING NO. UT-C4510
SCALE AS SHOWN
SHEET NO. 328

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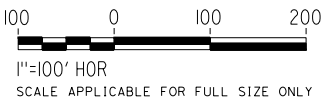
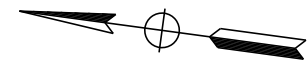
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UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	NATURAL GAS	2"	SEMPRA DIST	REMOVE
2	NATURAL GAS	2"	SEMPRA DIST	PROTECT IN PLACE
3	WATER	10"	LACDPW-WW	PROTECT IN PLACE
4	WATER	10"	LACDPW-WW	REMOVE
5	WATER	8"	LACDPW-WW	REMOVE

UTILITY INFORMATION CONT.				
#	FACILITY	SIZE	OWNER	DISPOSITION
6	WATER	10"	LACDPW-WW	RELOCATE
7	NATURAL GAS	4"	SEMPRA DIST	RELOCATE
8	OH POWER	12kV	SCE DIST	RELOCATE
9	OH POWER	12kV	SCE DIST	RELOCATE
10	WATER	6"	LACDPW-WW	RELOCATE
11	SEWER	8"	CITY OF LANCASTER	REMOVE
12	SEWER	UNK	CITY OF LANCASTER	RELOCATE
13	WATER	6"	LACDPW-WW	PROTECT IN PLACE
14	SEWER	8"	CITY OF LANCASTER	PROTECT IN PLACE
15	NATURAL GAS	2"	SEMPRA DIST	PROTECT IN PLACE
16	WATER	8"	LACDPW-WW	PROTECT IN PLACE



REV	DATE	BY	CHK	APP	DESCRIPTION

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

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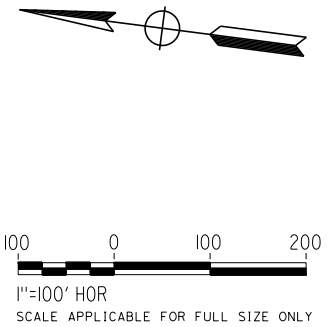
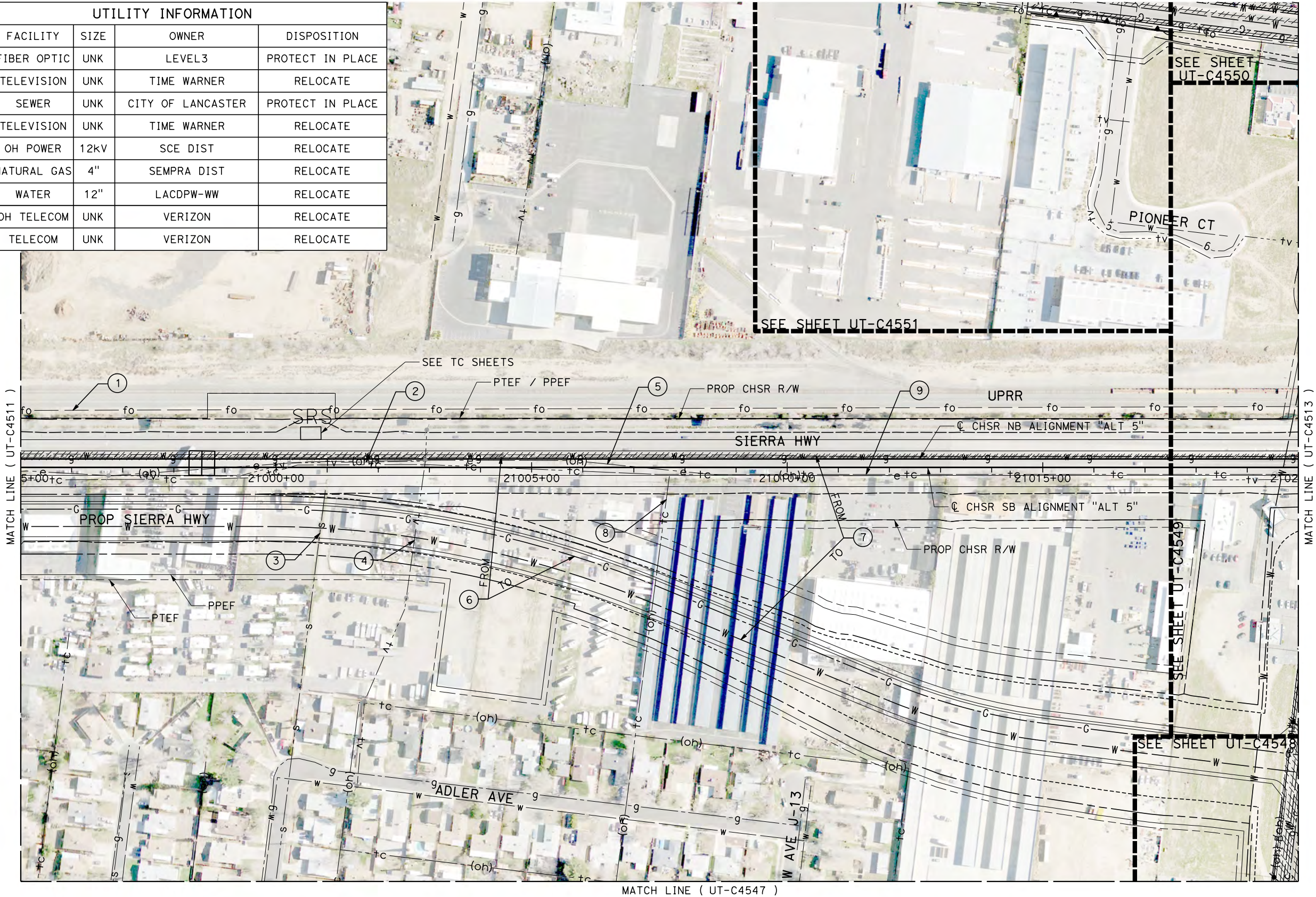


CALIFORNIA HIGH-SPEED RAIL PROJECT BAKERSFIELD TO PALMDALE COMPOSITE UTILITY PLANS ALTERNATIVE 5 STA 20970+00 TO 20995+00

CONTRACT NO. HSR13-44
DRAWING NO. UT-C4511
SCALE AS SHOWN
SHEET NO. 329

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



REV	DATE	BY	CHK	APP	DESCRIPTION

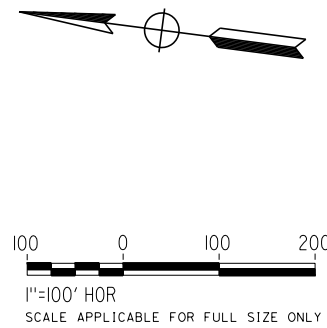
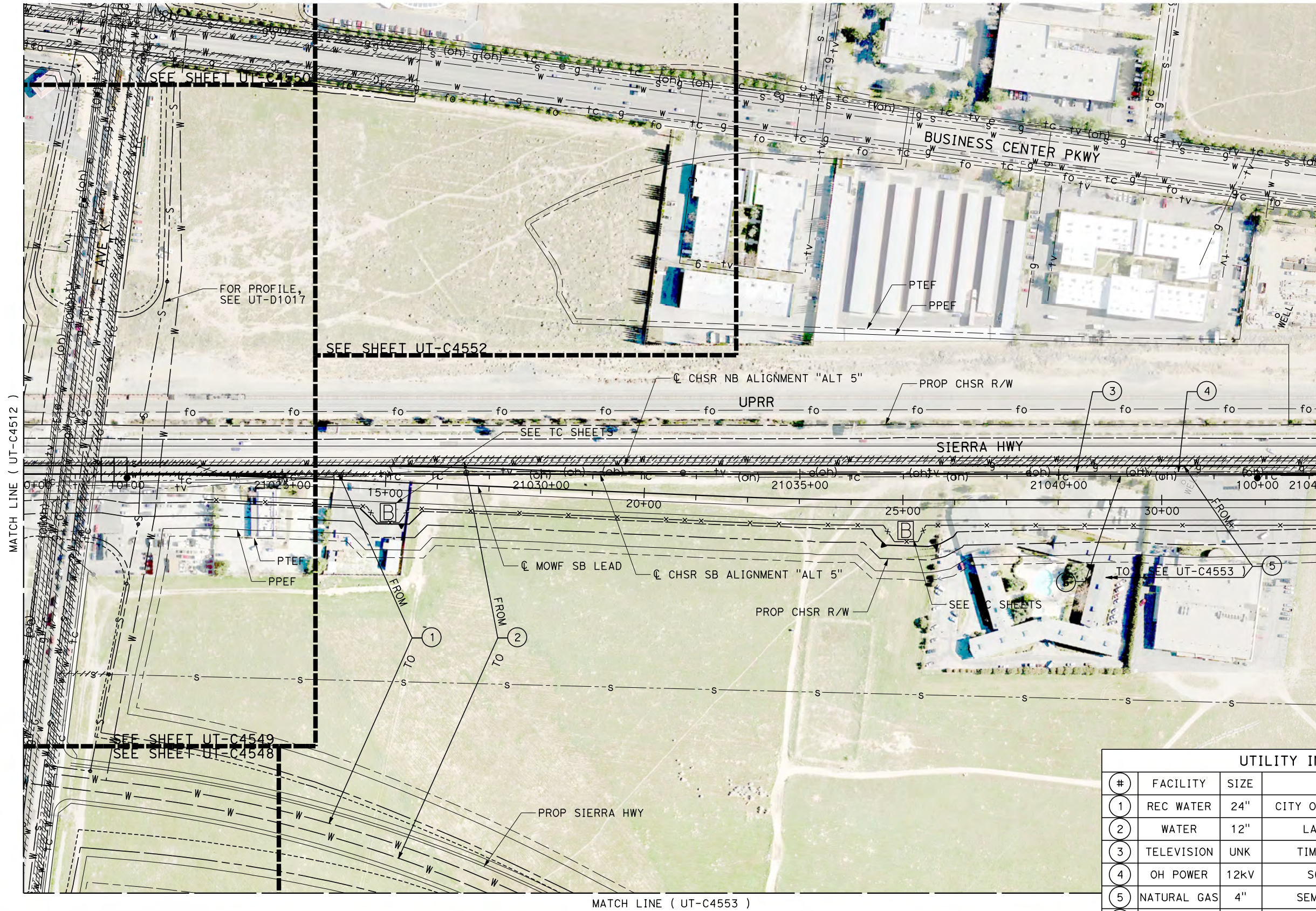
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IN CHARGE G. CAMPBELL
DATE 01/29/2021

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CALIFORNIA HIGH-SPEED RAIL PROJECT BAKERSFIELD TO PALMDALE COMPOSITE UTILITY PLANS ALTERNATIVE 5 STA 20995+00 TO 21020+00

CONTRACT NO. HSR13-44
DRAWING NO. UT-C4512
SCALE AS SHOWN
SHEET NO. 330



UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	REC WATER	24"	CITY OF LANCASTER	RELOCATE
2	WATER	12"	LACDPW-WW	RELOCATE
3	TELEVISION	UNK	TIME WARNER	RELOCATE
4	OH POWER	12KV	SCE DIST	RELOCATE
5	NATURAL GAS	4"	SEMPRA DIST	RELOCATE
6	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 5
STA 21020+00 TO 21045+00

CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4513
SCALE
AS SHOWN
SHEET NO.
331



UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	WATER	10"	LACDPW-WW	RELOCATE
2	WATER	10"	LACDPW-WW	RELOCATE
3	NATURAL GAS	2"	SEMPRA DIST	REMOVE
4	OH POWER	12kV	SCE DIST	RELOCATE
5	TELEVISION	UNK	TIME WARNER	REMOVE
6	OH POWER	12kV	SCE DIST	REMOVE
7	REC WATER	24"	CITY OF LANCASTER	RELOCATE
8	WATER	12"	LACDPW-WW	RELOCATE
9	NATURAL GAS	4"	SEMPRA DIST	RELOCATE
10	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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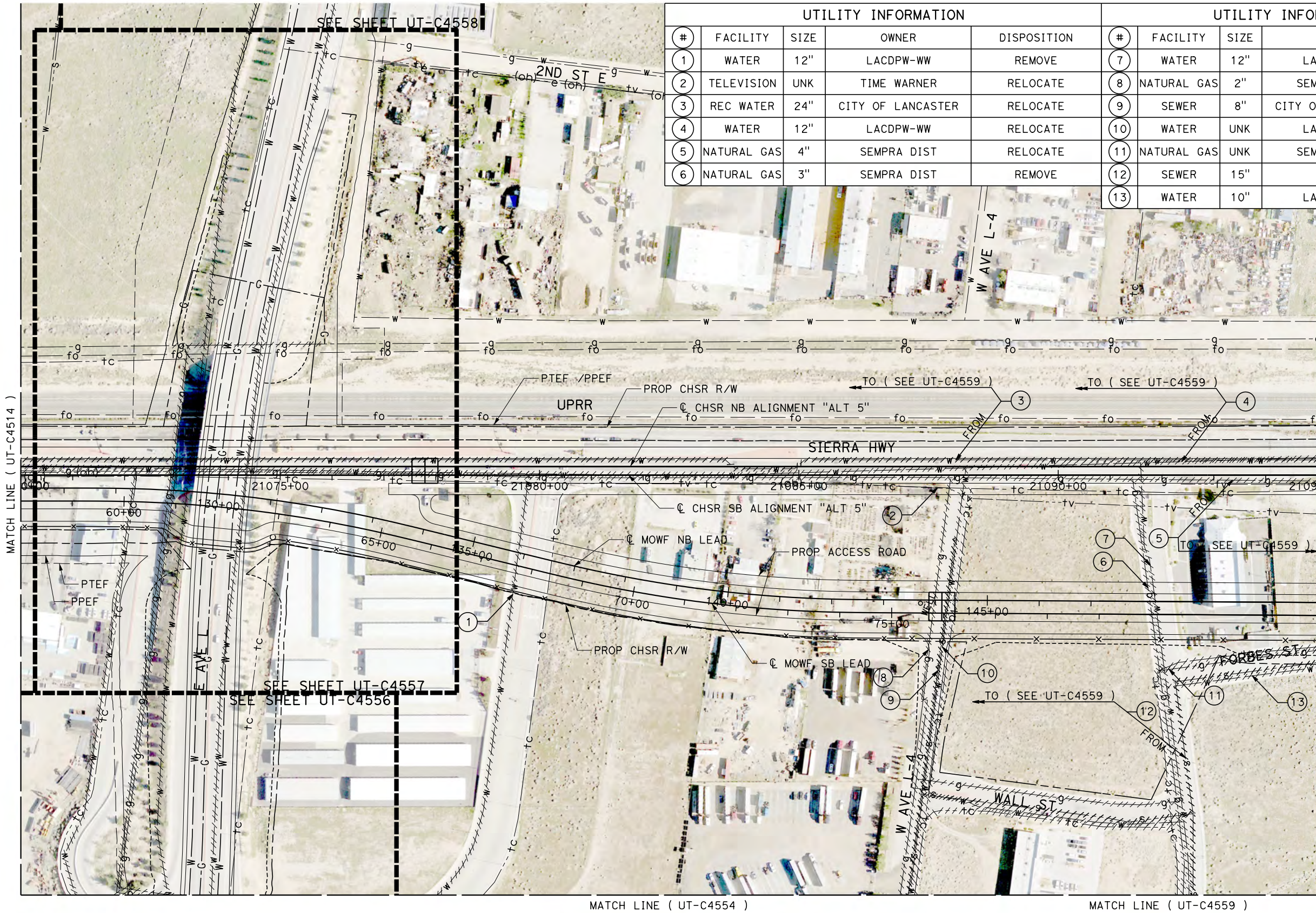
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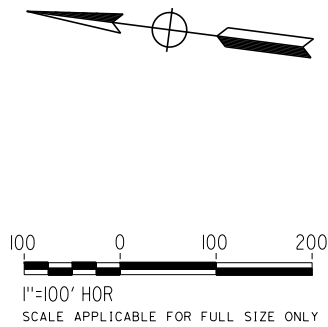
CALIFORNIA
HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
 COMPOSITE UTILITY PLANS
 ALTERNATIVE 5
 STA 21045+00 TO 21070+00

CONTRACT NO.	HSR13-44
DRAWING NO.	UT-C4514
SCALE	AS SHOWN
SHEET NO.	332



UTILITY INFORMATION					UTILITY INFORMATION CONT.				
#	FACILITY	SIZE	OWNER	DISPOSITION	#	FACILITY	SIZE	OWNER	DISPOSITION
1	WATER	12"	LACDPW-WW	REMOVE	7	WATER	12"	LACDPW-WW	REMOVE
2	TELEVISION	UNK	TIME WARNER	RELOCATE	8	NATURAL GAS	2"	SEMPRA DIST	REMOVE
3	REC WATER	24"	CITY OF LANCASTER	RELOCATE	9	SEWER	8"	CITY OF LANCASTER	REMOVE
4	WATER	12"	LACDPW-WW	RELOCATE	10	WATER	UNK	LACDPW-WW	RELOCATE
5	NATURAL GAS	4"	SEMPRA DIST	RELOCATE	11	NATURAL GAS	UNK	SEMPRA DIST	REMOVED
6	NATURAL GAS	3"	SEMPRA DIST	REMOVE	12	SEWER	15"	LACSD	RELOCATE
					13	WATER	10"	LACDPW-WW	REMOVE



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY D. HOLMAN
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CHECKED BY G. CAMPBELL
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DATE 01/29/2021

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CALIFORNIA HIGH-SPEED RAIL PROJECT BAKERSFIELD TO PALMDALE COMPOSITE UTILITY PLANS ALTERNATIVE 5 STA 21070+00 TO 21095+00

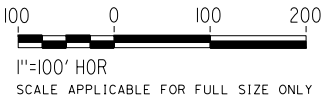
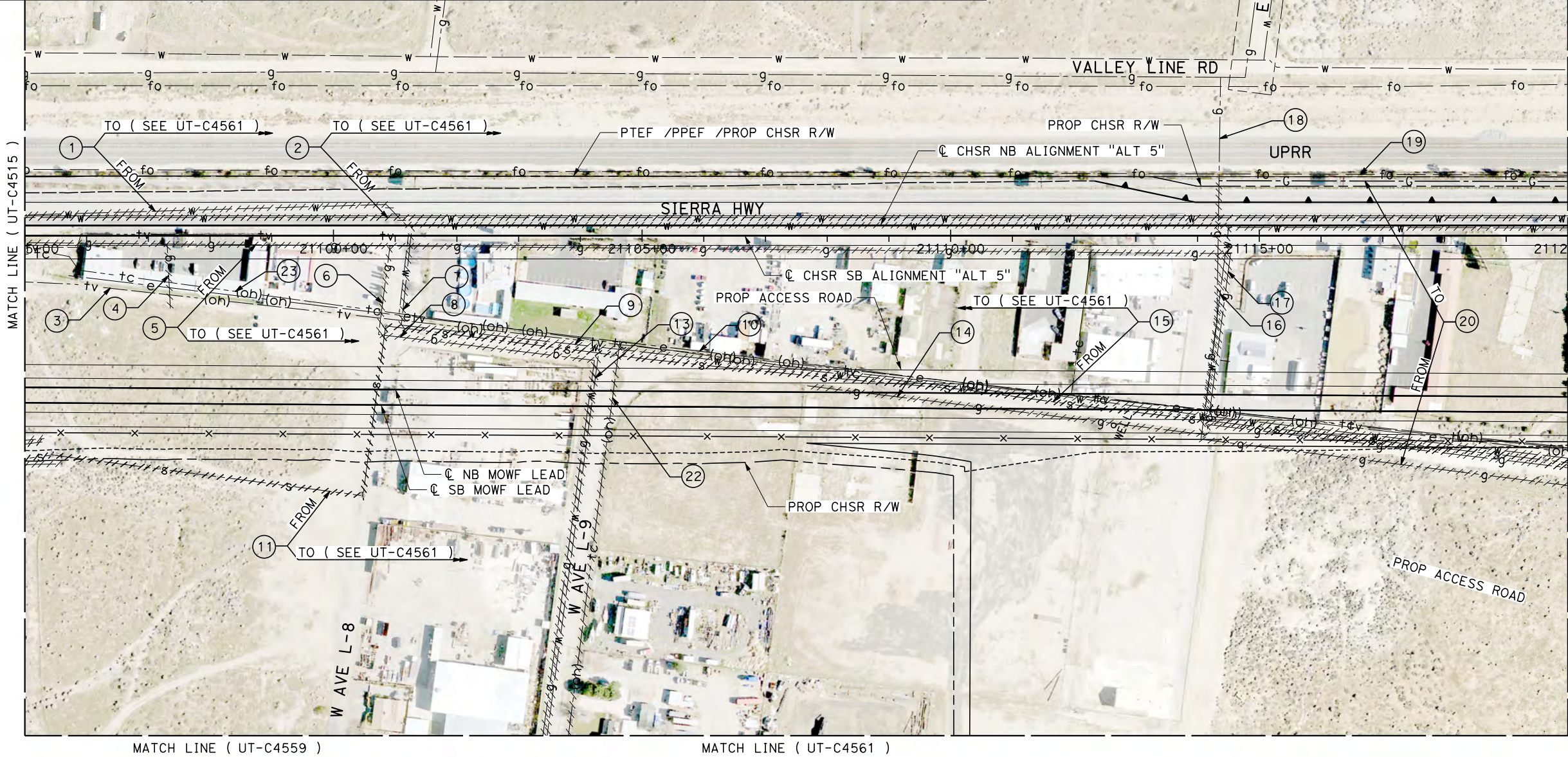
CONTRACT NO. HSR13-44
DRAWING NO. UT-C4515
SCALE AS SHOWN
SHEET NO. 333

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UTILITY INFORMATION					UTILITY INFORMATION CONT.					UTILITY INFORMATION CONT.				
#	FACILITY	SIZE	OWNER	DISPOSITION	#	FACILITY	SIZE	OWNER	DISPOSITION	#	FACILITY	SIZE	OWNER	DISPOSITION
1	WATER	12"	LACDPW-WW	RELOCATE	11	SEWER	15"	LACSD	RELOCATE	21	NOT USED			
2	REC WATER	24"	CITY OF LANCASTER	RELOCATE	12	NOT USED				22	OH TELECOM	UNK	VERIZON	RELOCATE
3	TELEVISION	UNK	TIME WARNER	RELOCATE	13	WATER	8"	LACDPW-WW	REMOVE	23	TELECOM	UNK	VERIZON	RELOCATE
4	NATURAL GAS	UNK	SEMPRA DIST	REMOVE	14	NATURAL GAS	2"	SEMPRA DIST	REMOVE					
5	NATURAL GAS	4"	SEMPRA DIST	RELOCATE	15	SEWER	15"	LACSD	REMOVE					
6	NATURAL GAS	2"	SEMPRA DIST	REMOVE	16	WATER	10"	LACDPW-WW	REMOVE					
7	WATER	12"	LACDPW-WW	REMOVE	17	NATURAL GAS	4"	SEMPRA DIST	REMOVE					
8	NATURAL GAS	2"	SEMPRA DIST	REMOVE	18	NATURAL GAS	10"	SEMPRA DIST	PROTECT IN PLACE					
9	WATER	12"	LACDPW-WW	REMOVE	19	FIBER OPTIC	UNK	LEVEL3	PROTECT IN PLACE					
10	OH POWER	12kV	SCE DIST	RELOCATE	20	NATURAL GAS	10"	SEMPRA DIST	RELOCATE					



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY D. HOLMAN
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IN CHARGE G. CAMPBELL
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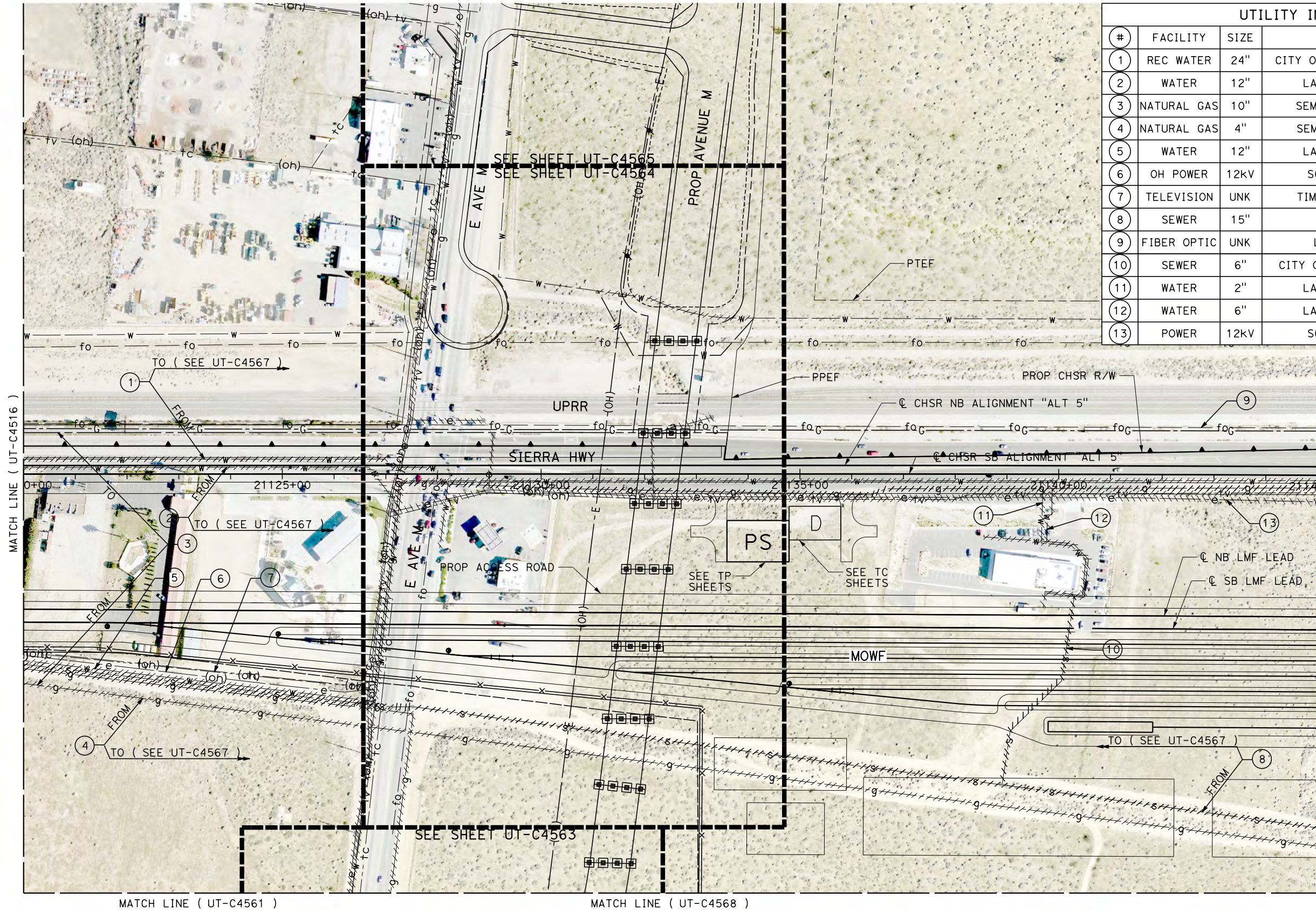


CALIFORNIA
HIGH-SPEED RAIL AUTHORITY

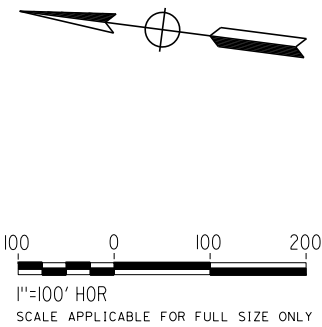
CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
COMPOSITE UTILITY PLANS
ALTERNATIVE 5
STA 21095+00 TO 21120+00

CONTRACT NO. HSR13-44
DRAWING NO. UT-C4516
SCALE AS SHOWN
SHEET NO. 334

1/20/2021 4:53:41 AM jcs_user_17609 Projects\701206.00_CHSRBP\00_CADD\Sheet Files\UT\Alt5 (Lancaster A)\BP-UT-C4517



UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	REC WATER	24"	CITY OF LANCASTER	RELOCATE
2	WATER	12"	LACDPW-WW	RELOCATE
3	NATURAL GAS	10"	SEMPRA TRAN	RELOCATE
4	NATURAL GAS	4"	SEMPRA DIST	RELOCATE
5	WATER	12"	LACDPW-WW	REMOVE
6	OH POWER	12kV	SCE DIST	RELOCATE
7	TELEVISION	UNK	TIME WARNER	RELOCATE
8	SEWER	15"	LACSD	RELOCATE
9	FIBER OPTIC	UNK	LEVEL3	PROTECT IN PLACE
10	SEWER	6"	CITY OF PALMDALE	REMOVE
11	WATER	2"	LACDPW-WW	REMOVE
12	WATER	6"	LACDPW-WW	REMOVE
13	POWER	12kV	SCE DIST	REMOVE



REV	DATE	BY	CHK	APP	DESCRIPTION

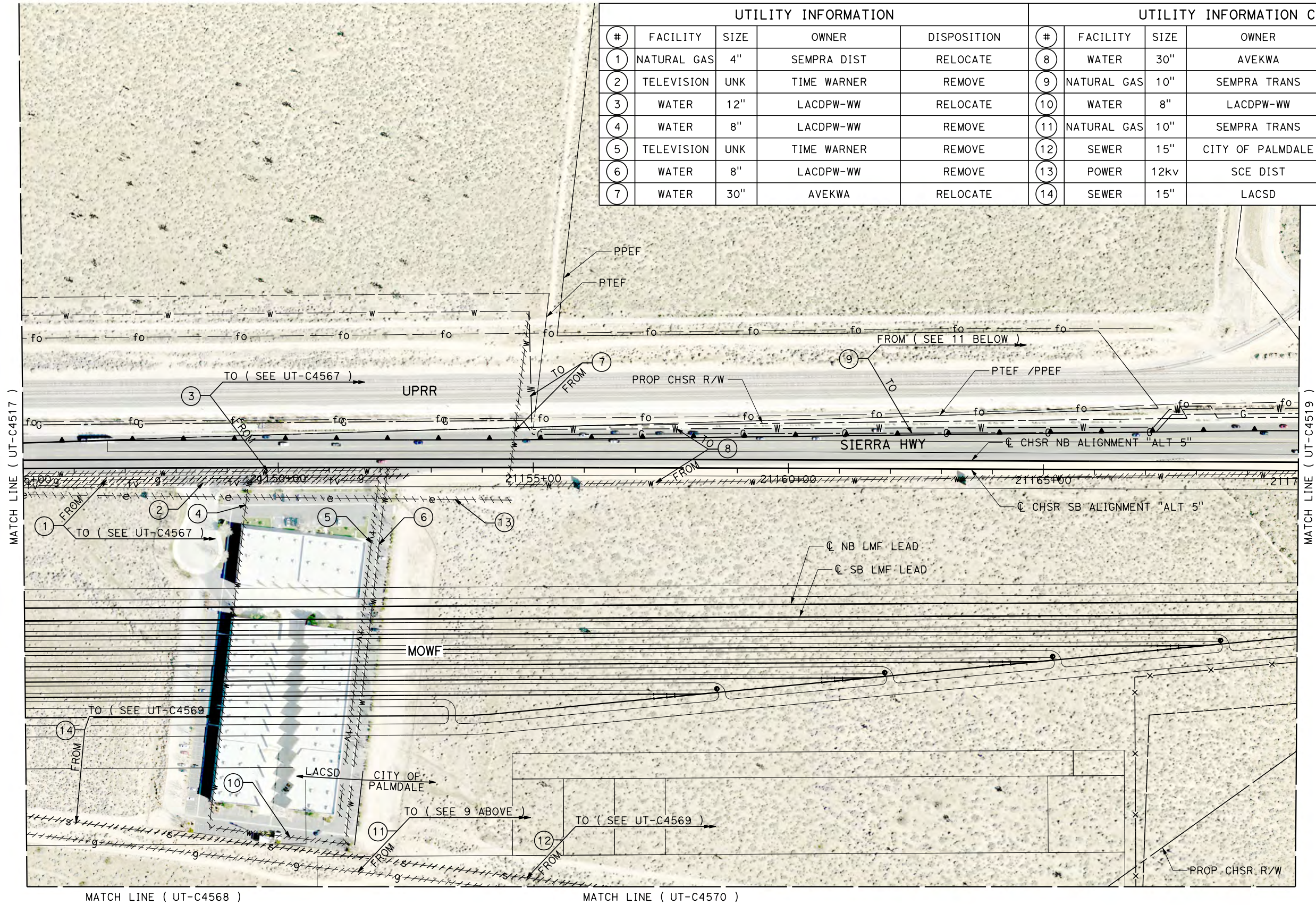
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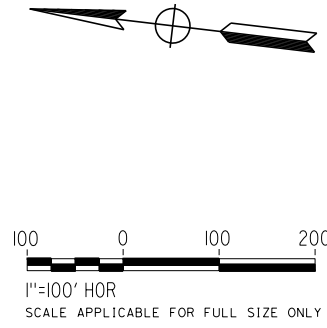
CALIFORNIA HIGH-SPEED RAIL PROJECT BAKERSFIELD TO PALMDALE COMPOSITE UTILITY PLANS ALTERNATIVE 5 STA 21120+00 TO 21145+00

CONTRACT NO. HSR13-44
DRAWING NO. UT-C4517
SCALE AS SHOWN
SHEET NO. 335



UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	NATURAL GAS	4"	SEMPRA DIST	RELOCATE
2	TELEVISION	UNK	TIME WARNER	REMOVE
3	WATER	12"	LACDPW-WW	RELOCATE
4	WATER	8"	LACDPW-WW	REMOVE
5	TELEVISION	UNK	TIME WARNER	REMOVE
6	WATER	8"	LACDPW-WW	REMOVE
7	WATER	30"	AVEKWA	RELOCATE

UTILITY INFORMATION CONT.				
#	FACILITY	SIZE	OWNER	DISPOSITION
8	WATER	30"	AVEKWA	RELOCATE
9	NATURAL GAS	10"	SEMPRA TRANS	RELOCATE
10	WATER	8"	LACDPW-WW	REMOVE
11	NATURAL GAS	10"	SEMPRA TRANS	RELOCATE
12	SEWER	15"	CITY OF PALMDALE	RELOCATE
13	POWER	12kv	SCE DIST	REMOVE
14	SEWER	15"	LACSD	RELOCATE



REV	DATE	BY	CHK	APP	DESCRIPTION

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CALIFORNIA HIGH-SPEED RAIL PROJECT BAKERSFIELD TO PALMDALE COMPOSITE UTILITY PLANS ALTERNATIVE 5 STA 21145+00 TO 21170+00

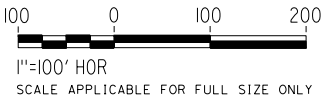
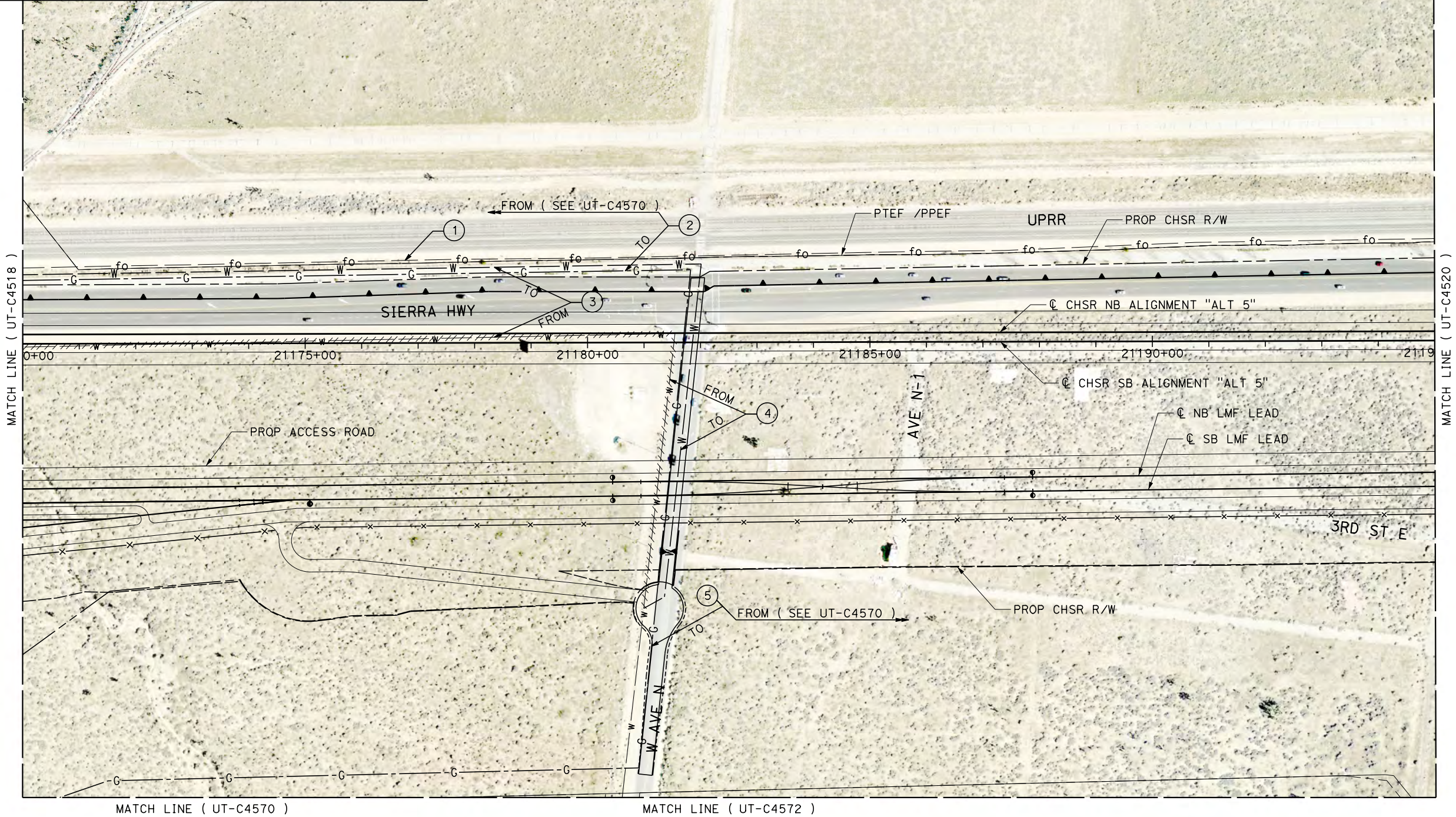
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DRAWING NO. UT-C4518
SCALE AS SHOWN
SHEET NO. 336

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UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	FIBER OPTIC	UNK	LEVEL 3	PROTECT IN PLACE
2	NATURAL GAS	10"	SEMPRA TRANS	RELOCATE
3	WATER	30"	AVEKWA	RELOCATE
4	WATER	30"	AVEKWA	RELOCATE
5	NATURAL GAS	10"	SEMPRA TRANS	RELOCATE



REV	DATE	BY	CHK	APP	DESCRIPTION

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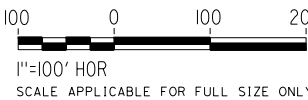
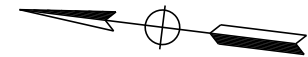
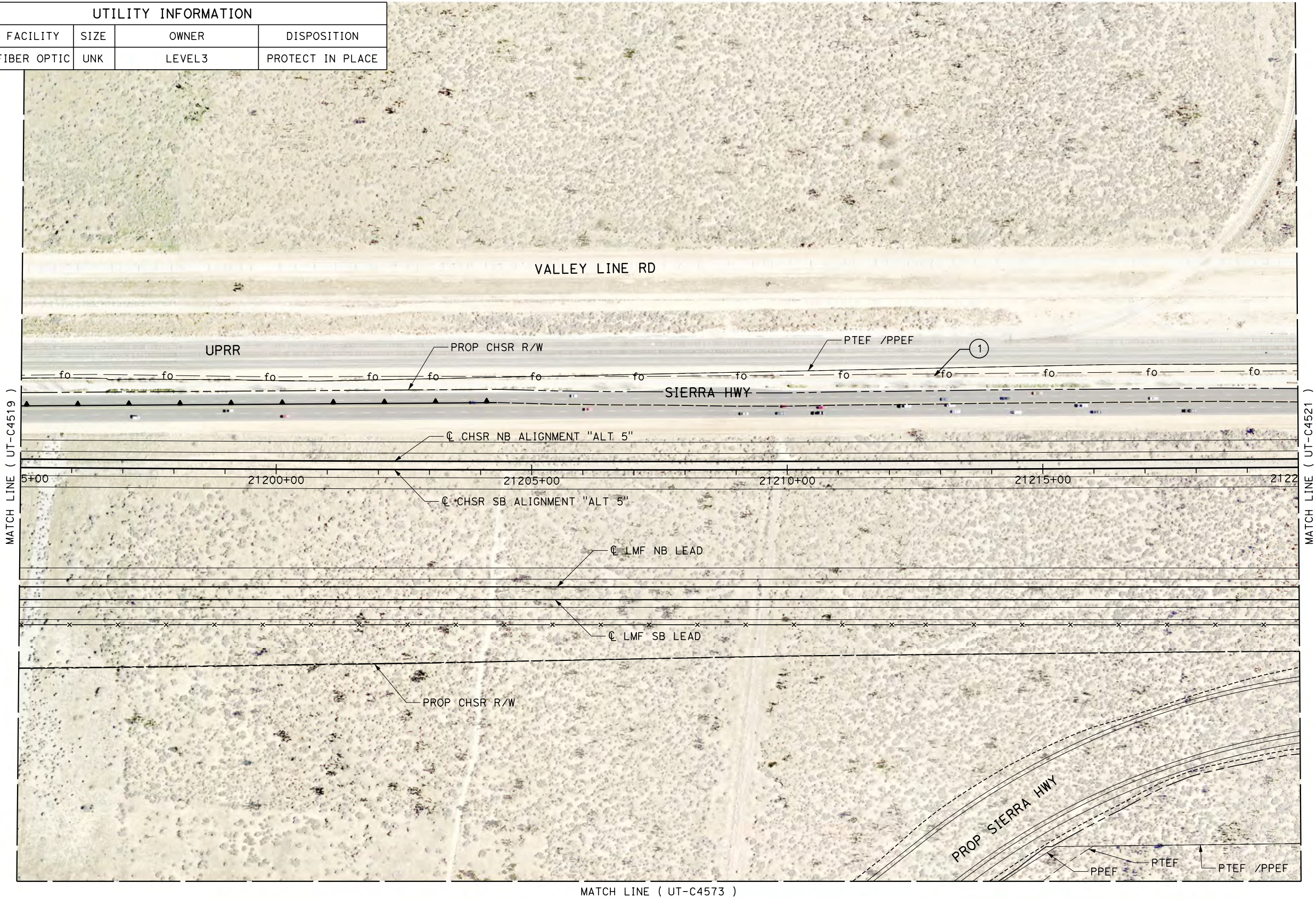


CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
COMPOSITE UTILITY PLANS
ALTERNATIVE 5
STA 21170+00 TO 21195+00

CONTRACT NO. HSR13-44
DRAWING NO. UT-C4519
SCALE AS SHOWN
SHEET NO. 337

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



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DATE 01/29/2021

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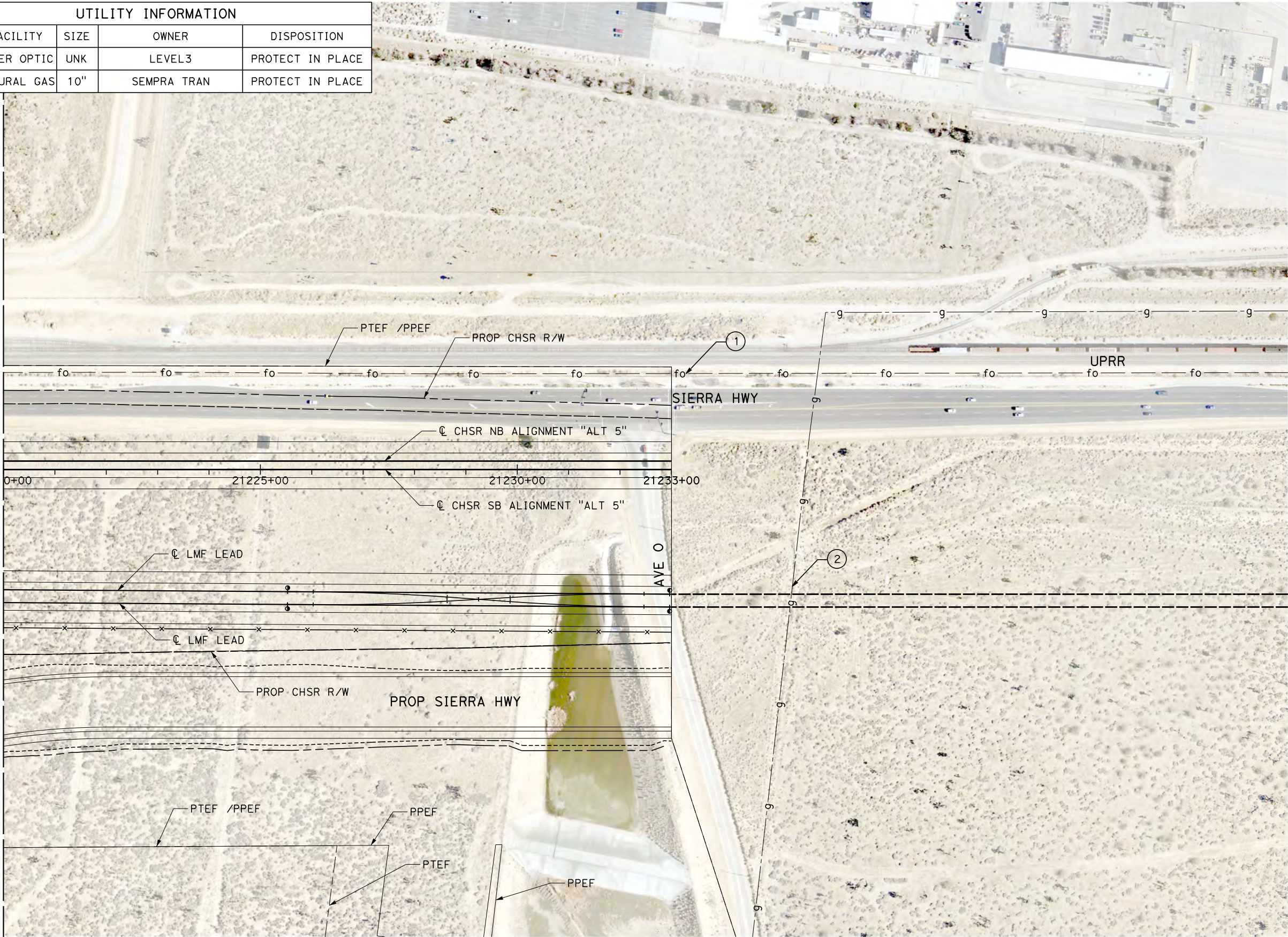
CALIFORNIA HIGH-SPEED RAIL PROJECT BAKERSFIELD TO PALMDALE COMPOSITE UTILITY PLANS ALTERNATIVE 5 STA 21195+00 TO 21220+00

CONTRACT NO. HSR13-44
DRAWING NO. UT-C4520
SCALE AS SHOWN
SHEET NO. 338

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UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	FIBER OPTIC	UNK	LEVEL3	PROTECT IN PLACE
2	NATURAL GAS	10"	SEMPRA TRAN	PROTECT IN PLACE

MATCH LINE (UT-C4520)



REV	DATE	BY	CHK	APP	DESCRIPTION

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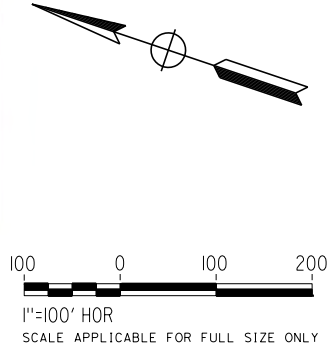
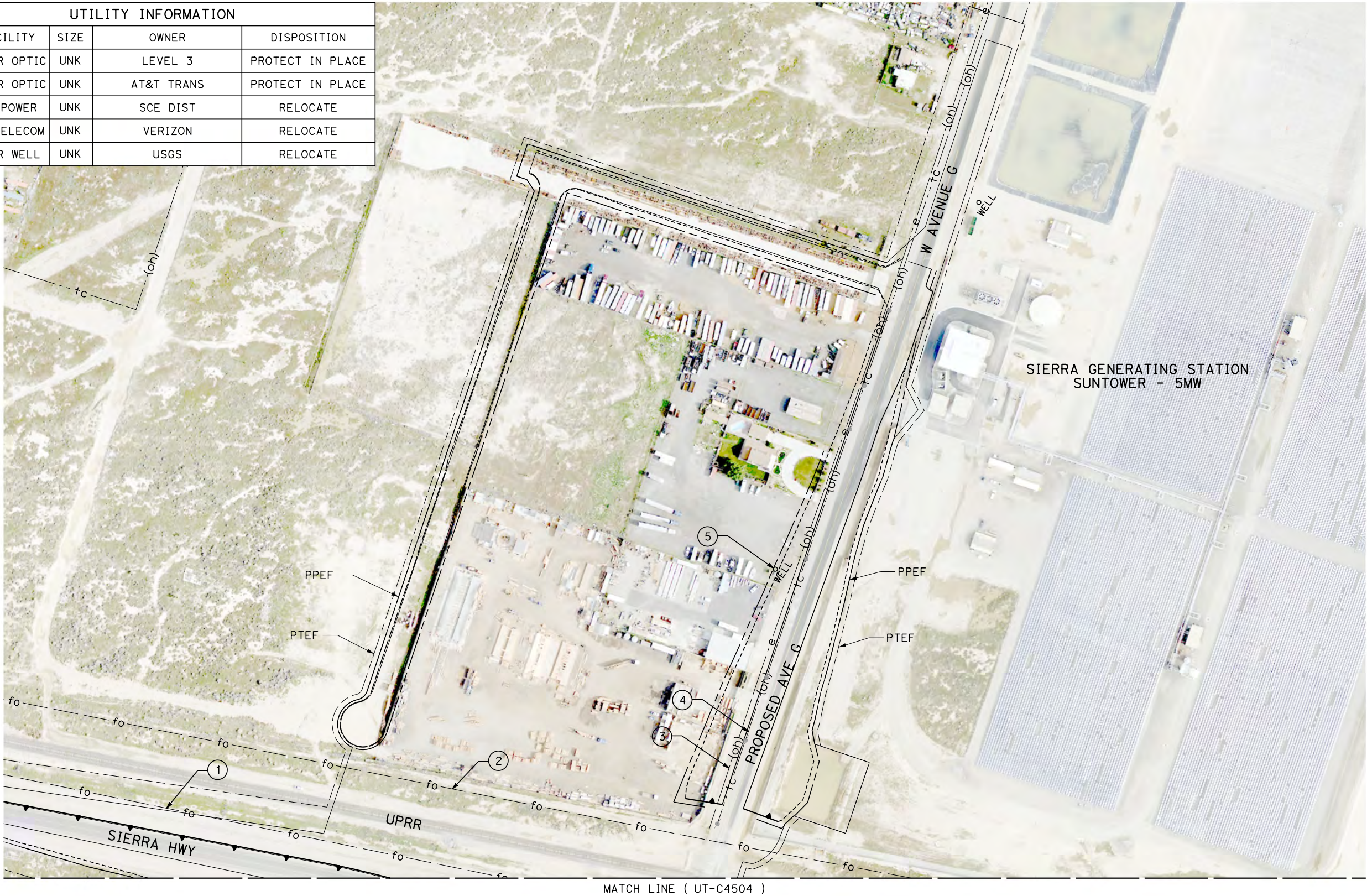


CALIFORNIA HIGH-SPEED RAIL PROJECT BAKERSFIELD TO PALMDALE COMPOSITE UTILITY PLANS ALTERNATIVE 5 STA 21220+00 TO 21245+00

CONTRACT NO. HSR13-44
DRAWING NO. UT-C4521
SCALE AS SHOWN
SHEET NO. 339

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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	UNK	SCE DIST	RELOCATE
4	OH TELECOM	UNK	VERIZON	RELOCATE
5	GWTR WELL	UNK	USGS	RELOCATE



REV	DATE	BY	CHK	APP	DESCRIPTION

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CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
COMPOSITE UTILITY PLANS
ALTERNATIVE 5
STA 20795+00 TO 20820+00

CONTRACT NO. HSR13-44
DRAWING NO. UT-C4531
SCALE AS SHOWN
SHEET NO. 340

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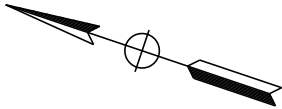
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MATCH LINE (UT-C4504)



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



100 0 100 200
1"=100' HOR
SCALE APPLICABLE FOR FULL SIZE ONLY

REV	DATE	BY	CHK	APP	DESCRIPTION

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IN CHARGE G. CAMPBELL
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CALIFORNIA
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CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE

COMPOSITE UTILITY PLANS
ALTERNATIVE 5
STA 20795+00 TO 20820+00

CONTRACT NO. HSR13-44
DRAWING NO. UT-C4532
SCALE AS SHOWN
SHEET NO. 341

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



50 0 50 100
1"=50' HOR
SCALE APPLICABLE FOR FULL SIZE ONLY

REV	DATE	BY	CHK	APP	DESCRIPTION

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CALIFORNIA
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CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
 COMPOSITE UTILITY PLANS
 ALTERNATIVE 5
 STA 20845+00 TO 20870+00

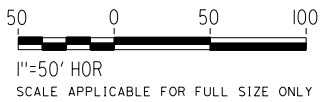
CONTRACT NO.	HSR13-44
DRAWING NO.	UT-C4533
SCALE	AS SHOWN
SHEET NO.	342

UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	FIBER OPTIC	UNK	LEVEL 3	PROTECT IN PLACE
2	WATER	8"	LACDPW-WW	RELOCATE
3	WATER	12"	LACDPW-WW	PROTECT IN PLACE
4	WATER	12"	LACDPW-WW	RELOCATE
5	WATER	12"	LACDPW-WW	RELOCATE
6	WATER	36"	LACDPW-WW	RELOCATE

UTILITY INFORMATION CONT.				
#	FACILITY	SIZE	OWNER	DISPOSITION
7	WATER	12"	LACDPW-WW	RELOCATE
8	WATER	12"	LACDPW-WW	REMOVE
9	FIBER OPTIC	UNK	AT&T TRANS	RELOCATE
10	NATURAL GAS	4"	SEMPRA DIST	PROTECT IN PLACE
11	NATURAL GAS	4"	SEMPRA DIST	REMOVE
12	SEWER	27"	CITY OF LANCASTER	RELOCATE
13	NATURAL GAS	4"	SEMPRA DIST	RELOCATE

MATCH LINE (UT-C4533)

MATCH LINE (UT-C4535)



REV	DATE	BY	CHK	APP	DESCRIPTION

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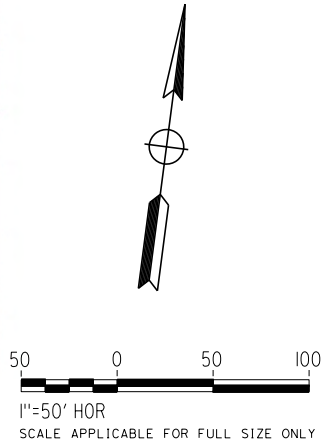


CALIFORNIA
HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
COMPOSITE UTILITY PLANS
ALTERNATIVE 5
STA 20845+00 TO 20870+00

CONTRACT NO. HSR13-44
DRAWING NO. UT-C4534
SCALE AS SHOWN
SHEET NO. 343

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
5	WATER	12"	LACDPW-WW	RELOCATE
6	WATER	12"	LACDPW-WW	RELOCATE



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY D. HOLMAN
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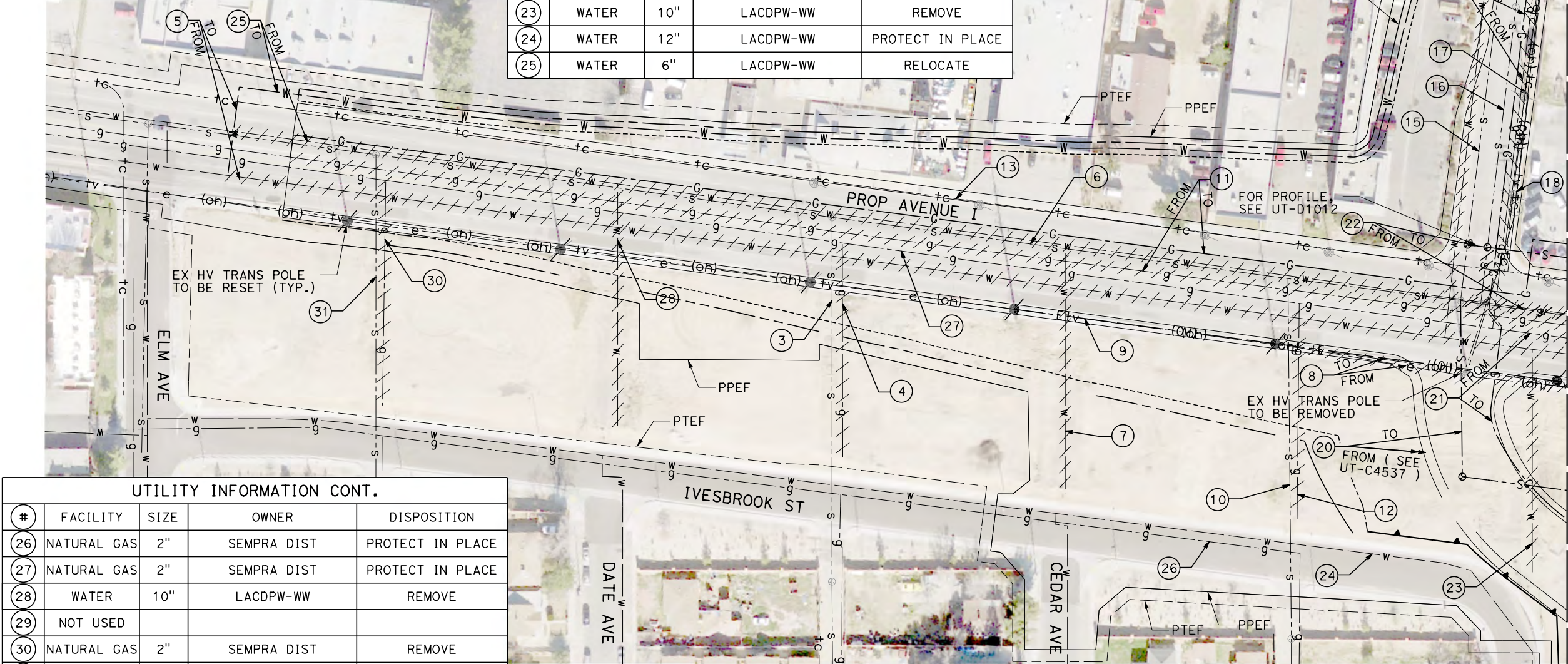
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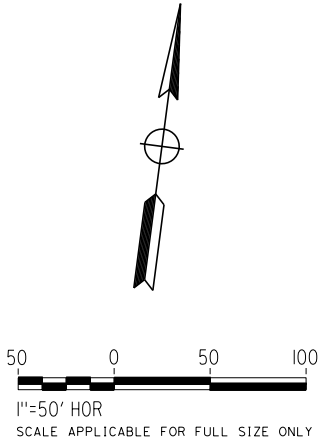
CALIFORNIA HIGH-SPEED RAIL PROJECT BAKERSFIELD TO PALMDALE COMPOSITE UTILITY PLANS ALTERNATIVE 5 STA 20845+00 TO 20870+00

CONTRACT NO. HSR13-44
DRAWING NO. UT-C4535
SCALE AS SHOWN
SHEET NO. 344

UTILITY INFORMATION					UTILITY INFORMATION CONT.				
#	FACILITY	SIZE	OWNER	DISPOSITION	#	FACILITY	SIZE	OWNER	DISPOSITION
1	NOT USED				12	NATURAL GAS	2"	SEMPRA DIST	REMOVE
2	NOT USED				13	TELECOM	UNK	VERIZON	RELOCATE
3	SEWER	UNK	CITY OF LANCASTER	PROTECT IN PLACE	14	WATER	10"	LACDPW-WW	RELOCATE
4	NATURAL GAS	2"	SEMPRA DIST	REMOVE	15	SEWER	15"	LACSD	PROTECT IN PLACE
5	WATER	8"	LACDPW-WW	RELOCATE	16	SEWER	UNK	CITY OF LANCASTER	PROTECT IN PLACE
6	SEWER	15"	LACSD	PROTECT IN PLACE	17	OH POWER	UNK	SCE	PROTECT IN PLACE
7	WATER	UNK	LACDPW-WW	REMOVE	18	TELEVISION	UNK	TIME WARNER	RELOCATE
8	OH POWER	69kV	SCE TRANS	RELOCATE	19	NATURAL GAS	2"	SEMPRA DIST	RELOCATE
9	TELEVISION	UNK	TIME WARNER	RELOCATE	20	SEWER	15"	LACSD	RELOCATE
10	SEWER	UNK	LACSD	PROTECT IN PLACE	21	NATURAL GAS	2"	SEMPRA DIST	RELOCATE
11	NATURAL GAS	6"	SEMPRA TRANS	RELOCATE	22	SEWER	15"	LACSD	RELOCATE
					23	WATER	10"	LACDPW-WW	REMOVE
					24	WATER	12"	LACDPW-WW	PROTECT IN PLACE
					25	WATER	6"	LACDPW-WW	RELOCATE



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



REV	DATE	BY	CHK	APP	DESCRIPTION

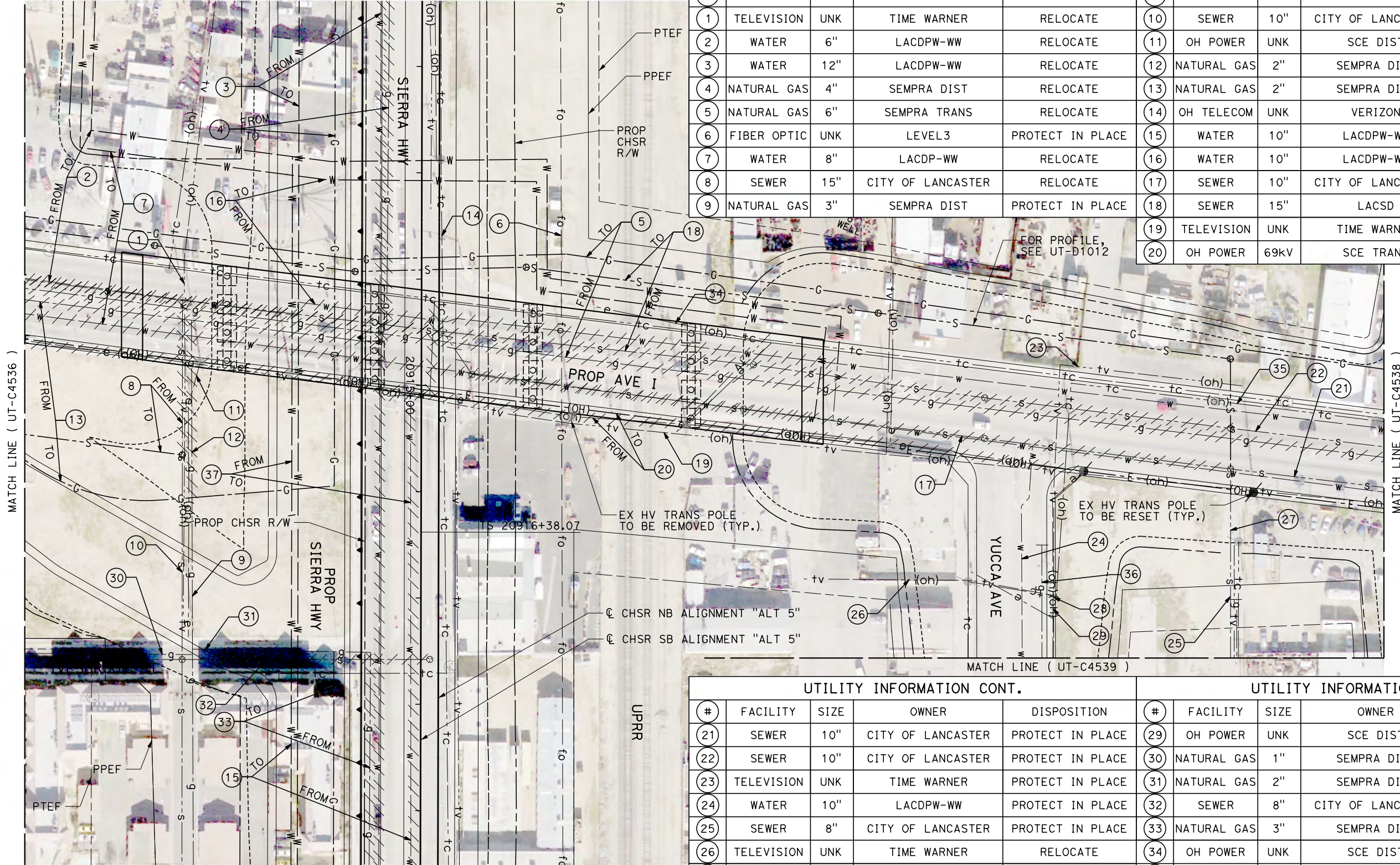
DESIGNED BY D. HOLMAN
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CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
COMPOSITE UTILITY PLANS
ALTERNATIVE 5
STA 20895+00 TO 20920+00

CONTRACT NO. HSR13-44
DRAWING NO. UT-C4536
SCALE AS SHOWN
SHEET NO. 345



UTILITY INFORMATION					UTILITY INFORMATION CONT.				
#	FACILITY	SIZE	OWNER	DISPOSITION	#	FACILITY	SIZE	OWNER	DISPOSITION
1	TELEVISION	UNK	TIME WARNER	RELOCATE	10	SEWER	10"	CITY OF LANCASTER	PROTECT IN PLACE
2	WATER	6"	LACDPW-WW	RELOCATE	11	OH POWER	UNK	SCE DIST	RELOCATE
3	WATER	12"	LACDPW-WW	RELOCATE	12	NATURAL GAS	2"	SEMPRA DIST	REMOVE
4	NATURAL GAS	4"	SEMPRA DIST	RELOCATE	13	NATURAL GAS	2"	SEMPRA DIST	RELOCATE
5	NATURAL GAS	6"	SEMPRA TRANS	RELOCATE	14	OH TELECOM	UNK	VERIZON	RELOCATE
6	FIBER OPTIC	UNK	LEVEL3	PROTECT IN PLACE	15	WATER	10"	LACDPW-WW	RELOCATE
7	WATER	8"	LACDP-WW	RELOCATE	16	WATER	10"	LACDPW-WW	RELOCATE
8	SEWER	15"	CITY OF LANCASTER	RELOCATE	17	SEWER	10"	CITY OF LANCASTER	REMOVE
9	NATURAL GAS	3"	SEMPRA DIST	PROTECT IN PLACE	18	SEWER	15"	LACSD	RELOCATE
					19	TELEVISION	UNK	TIME WARNER	RELOCATE
					20	OH POWER	69kV	SCE TRANS	RELOCATE

UTILITY INFORMATION CONT.					UTILITY INFORMATION CONT.				
#	FACILITY	SIZE	OWNER	DISPOSITION	#	FACILITY	SIZE	OWNER	DISPOSITION
21	SEWER	10"	CITY OF LANCASTER	PROTECT IN PLACE	29	OH POWER	UNK	SCE DIST	RELOCATE
22	SEWER	10"	CITY OF LANCASTER	PROTECT IN PLACE	30	NATURAL GAS	1"	SEMPRA DIST	PROTECT IN PLACE
23	TELEVISION	UNK	TIME WARNER	PROTECT IN PLACE	31	NATURAL GAS	2"	SEMPRA DIST	PROTECT IN PLACE
24	WATER	10"	LACDPW-WW	PROTECT IN PLACE	32	SEWER	8"	CITY OF LANCASTER	REMOVE
25	SEWER	8"	CITY OF LANCASTER	PROTECT IN PLACE	33	NATURAL GAS	3"	SEMPRA DIST	RELOCATE
26	TELEVISION	UNK	TIME WARNER	RELOCATE	34	OH POWER	UNK	SCE DIST	RELOCATE
27	SEWER	8"	CITY OF LANCASTER	REMOVE	35	OH TELECOM	UNK	VERIZON	RELOCATE
28	TELEVISION	UNK	TIME WARNER	RELOCATE	36	NATURAL GAS	2"	SEMPRA DIST	PROTECT IN PLACE
					37	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 5 STA 20895+00 TO 20920+00

CONTRACT NO. HSR13-44
DRAWING NO. UT-C4537
SCALE AS SHOWN
SHEET NO. 346