



FRESNO METROPOLITAN FLOOD CONTROL DISTRICT

File 170.604
210.83

April 27, 2012

Mr. Murray Peters
Project Management Team – Third Party Manager
California High-Speed Rail Authority
770 L Street, Suite 800
Sacramento, CA 95814

Dear Mr. Peters,

- Subjects: 1) Verification of existing facilities within project limits**
- 2) Establishing District Occupancy Rights to the location**

The District has completed the review of the Contract Packages 1A, 1B and 1C provided by Tony Valdez in PDF formatting on April 18, 2012 and have the following comments to offer.

In regards to completeness and accuracy of District facilities depicted on the CHSRP plans comments have been broken down to the individual packages.

Contract Package 1A:

This comment will be addressed in the next submittal phase of CP1A.

The District facilities shown at the following locations need to be revised as noted:

- 15) - Roadway, Grading and Drainage Plan – SR99 Re-alignment, Drawing NO CV-G1018-R99, and the existing 18-inch diameter pipe is located within the street right of way in Woodson Avenue not in the side slope of fill for Ashlan Avenue as shown.
- 16) - Utilities, Composite Utility Plan, Drawing NO. UT-C4017, the existing 18-inch diameter pipe is located within the street right of way in Woodson Avenue not as (FUT) 18-inch SD (NIC) in the side slope of fill for Ashlan Avenue as shown.
- 17) - Utilities, Composite Utility Plan, Drawing NO. UT-C4028 and C4029, the (FUT) 36-inch SD (NIC) will be located within the Bullard Avenue right of way per standards of the City of Fresno and the District, not as shown between approximately Stations 130+00 and 120+00.
- 18) - Utilities, Composite Utility Plan, Drawing NO. UT-C4028, and several additional sheets NW Avenue shall be revised to N. West Avenue.
- 19) - Utilities, Grading and Drainage Plan, Drawing NO. CV-G1006, same comment as Composite Utility Plan, Drawing NO UT-C4017

Concur. See revised drawing attached.

Concur. See revised drawing attached.

Concur. The 18" SD is changed from "FUT" to "E" (existing). See revised drawing attached.

UT-C4028 is a typo error of UT-C4038. This comment is to be addressed by RC of F-B segment.

Mr. Murray Peters
April 27, 2012
Page 2

Further comments on the proposed basin expansions, HST storm drain collection system connections, storm drain pipe extensions, realignments or relocations and related easement requirements will need to be addressed with the future review of the individual plans for the storm drainage pipe. Some of the proposed connections of storm pipe lines from the HST and Union Pacific Railroad to the District facilities have not been included in the design of the Master Plan drainage system and will need to be reviewed for service availability. In addition drainage fees will need to be revised to include this additional area.

Contract Package 1B:

- 20) - Utilities, Composite Utility Plan, Drawing NO. UT-C4055, in Utility Information NO. 1, the storm drain pipe size is 36-inch, not 72-inch. ← To be addressed by RC of F-B Segment
- 21) - Utilities, Composite Utility Plan, Drawing NO. UT-C4057, in Utility Information NO. 15, the storm drain pipe size is 30-inch and 18-inch, the pipe exists and is not FUTURE (BY OTHERS). There also appears to be a short run of 18-inch pipe in Ventura Avenue that is not shown correctly please refer to attached copy of plans for reference. ← To be addressed by RC of F-B Segment
- 22) - Utilities, Grading and Drainage Plan, Drawing NO. CV-G1015, the pipe identified as EXIST 98-inch RCP (FMFCD) is 96-inch. ← To be addressed by RC of F-B Segment
- 23) - Utilities, Grading and Drainage Plan, Drawing NO. CV-G1016, the pipe identified as EXIST 54-inch RCP (FMFCD) is 42-inch. ← To be addressed by RC of F-B Segment
- 24) - Utilities, Grading and Drainage Plan, Drawing NO. CV-G1017, the pipe identified as PROPOSED SD LINE (BY OTHERS) does exist per the attached plan (II₁-123-3). ↑ To be addressed by RC of F-B Segment

Contract Package 1C:

There are no District facilities depicted on this set of plans therefor no verification of accuracy could be made at this time.

In regards to the Occupancy Rights, the District has provided the deeds, easements and agreements that are available from records kept here at the District as attachments to this letter. If there are any questions comments or concerns contact the District at (559) 456-3292.

Very truly yours,



Mark Will
Engineer III, R.C.E.

MW/lrl

Attachment(s)

k:\ca high speed rail(hsr)\file 170.604)\peters-verify existing facilities-occup rights.docx

RFP No.: HSR 11-16
CONTRACT PACKAGE 1A
North of Veterans Blvd to North of Stanislaus St

ATTACHMENT No. 1, PAGE 1 OF 6

Drawing NO. UT-C4001

Concur. The 24" SD is shown on CV-G1002-GSB to be relocated to near the center of the new Goldne State Blvd.

1) 24-inch diameter Storm drain north of Herndon to Kathryn Avenue (approx. Sta.111+00) located within existing Street Right of Way (Herndon Avenue)

2) 24-inch diameter Storm drain south side and parallel to Herndon Avenue (approx. Sta.121+00) located within Existing easement COPY A attached (Burger Duo Property II Doc No. 96151905)

Concur. The 24" SD is within the FMFCD easement.

Drawing NO. UT-C4003

This is the typo of UT-C4002

3) Basin "EH" Grant Deed COPY B1 and B2 attached (Doc No. 94147277) and 54-inch diameter Storm drain located in existing Street Right of Way (Golden State)

Concur. The 54" SD is within the Street R/W, and we now show on the revised plan that this 54" SD will be relocated to within the new GSB R/W.

Drawing NO. UT-C4003

4) 36-inch diameter Storm drain (approx. Sta.141+00) located within the existing Street Right of Way and Basin "EH" (Golden State)

Concur. The 36" SD is within the Street R/W.

ATTACHMENT No. 1, PAGE 2 OF 6

Drawing NO. CV-G1002

5) 24-inch diameter Storm drain (approx. Sta. S10592+00) located in existing Street Right of Way (Golden State)

Concur that the 18" SD crossing GSB is within the Street R/W. However, we cannot identify any R/W or easment for the 24" SD along Herndon Canal. This 24" SD may be in an easement granted by the Fresno Irrigation District.

Drawing NO. CV-G1003

6) 60-inch diameter Storm drain (approx. Sta. S10618+00) located in existing Street Right of Way (Cornelia and Golden State)

Concur. The 60" SD is within the Street R/W.

Drawing NO. CV-G1003

7) 18-inch diameter Storm drain (approx. Sta. S10635+00) located in existing Street Right of Way (Golden State)

Concur. The 18" SD is within the Street R/W.

Drawing NO. CV-G1004

8) 42-inch diameter Storm drain (approx. Sta. S10647+00) located in existing Street Right of Way (Golden State) and Union Pacific Crossing Agreement COPY C attached (Audit 251776)

Concur that the 42" SD is within the Street R/W and the crossing under UPRR R/W is legitimate.

ATTACHMENT No. 1, PAGE 3 OF 6

Drawing NO. CV-G1005

9) 24-inch diameter Storm drain (approx. Sta. S10681+00 thru S10695+00) located in existing Street Right of Way (Golden State)

Concur. The 24" SD is within the Street R/W.

Drawing NO. CV-G1006

10) 18-inch diameter Storm drain located in existing Street Right of Way (Golden State)

Concur. The 18" SD is changed from "FUT" to "E" (existing). See revised drawing attached. Please also see response to comment #19.

ATTACHMENT No. 1, PAGE 4 OF 6

Drawing NO. CV-G1011

11) 30-inch diameter Storm drain (approx. Sta. S10840+05) located in existing Street Right of Way and Southern Pacific Transportation Company agreement COPY D attached (Lease Audit Number 189216) ← To be addressed by RC of F-B Segment

ATTACHMENT No. 1, PAGE 5 OF 6

Drawing NO. CV-G1012

12) 42-inch diameter Storm drain crossing (approx. Sta. S10875+00) located in existing Street Right of Way (Olive Avenue), 18-inch and 15-inch parallel located in existing Street Right of Way (Golden State) ← To be addressed by RC of F-B Segment

ATTACHMENT No. 1, PAGE 6 OF 6

Drawing NO. CV-G1013

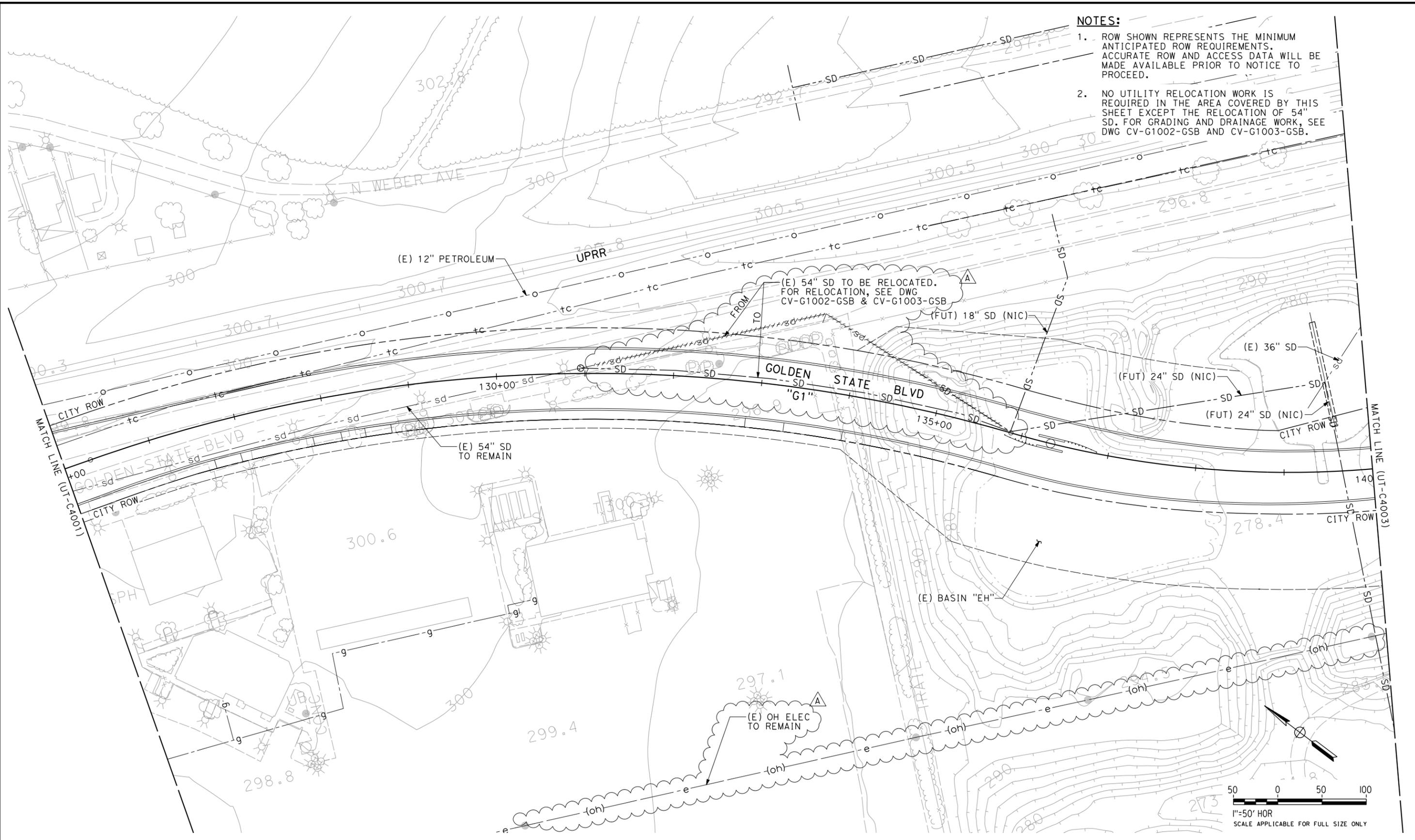
13) 96-inch diameter Storm drain (approx. Sta. S10913+00) located in existing Basin Property COPY E1 and E2 attached, and Union Pacific Railroad Company agreement COPY F attached (Lease Audit Number 221470) ← To be addressed by RC of F-B Segment

Drawing NO. CV-G1014

14) 60-inch diameter Storm Drain (approx. Sta. S10940+00) located in existing Union Pacific Railroad Company agreement COPY G attached (Lease Audit Number 221580)

↑ To be addressed by RC of F-B Segment

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- NOTES:**
1. ROW SHOWN REPRESENTS THE MINIMUM ANTICIPATED ROW REQUIREMENTS. ACCURATE ROW AND ACCESS DATA WILL BE MADE AVAILABLE PRIOR TO NOTICE TO PROCEED.
 2. NO UTILITY RELOCATION WORK IS REQUIRED IN THE AREA COVERED BY THIS SHEET EXCEPT THE RELOCATION OF 54" SD. FOR GRADING AND DRAINAGE WORK, SEE DWG CV-G1002-GSB AND CV-G1003-GSB.

REV	DATE	BY	CHK	APP	DESCRIPTION
A	06/27/12	LD	MH	DM	REVISED STORM DRAIN AND ELECTRICAL LINES

DESIGNED BY
M. HU
DRAWN BY
L. DIFUNTORUM
CHECKED BY
J. MAHER
IN CHARGE
D. MINISTER
DATE
01/09/2012

**PROPOSED
PRELIMINARY
DESIGN**

**NOT FOR
CONSTRUCTION**



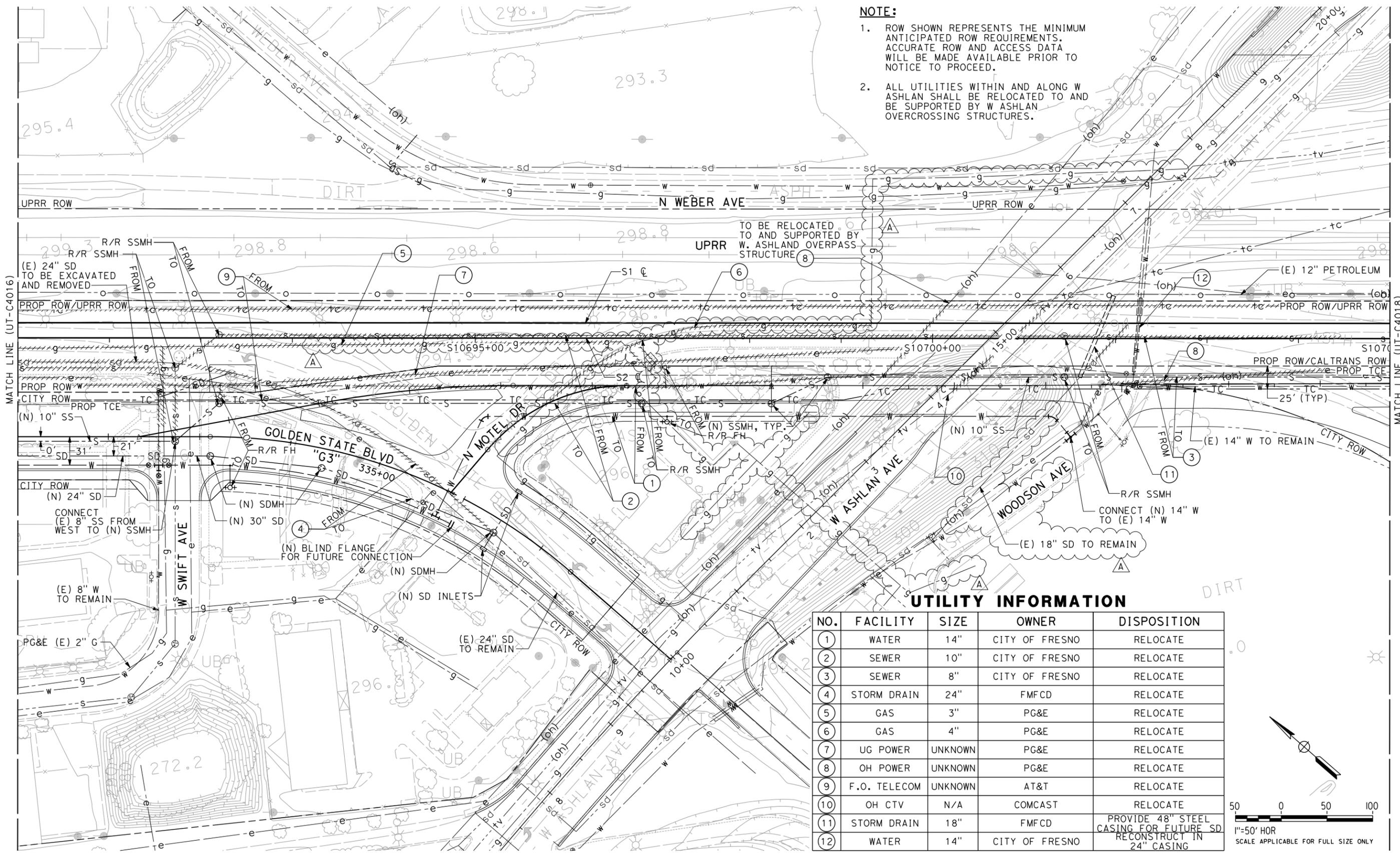
CALIFORNIA HIGH-SPEED TRAIN PROJECT
SIERRA SUBDIVISION
PACKAGE 1A
UTILITIES
COMPOSITE UTILITY PLAN
GSB STA. 125+00 TO 140+00

CONTRACT NO.
DRAWING NO.
UT-C4002
SCALE
AS SHOWN
SHEET NO.

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NOTE:

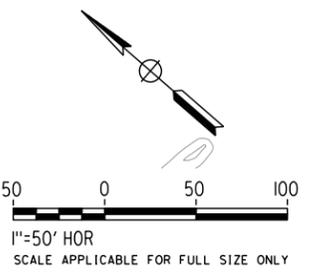
1. ROW SHOWN REPRESENTS THE MINIMUM ANTICIPATED ROW REQUIREMENTS. ACCURATE ROW AND ACCESS DATA WILL BE MADE AVAILABLE PRIOR TO NOTICE TO PROCEED.
2. ALL UTILITIES WITHIN AND ALONG W ASHLAN SHALL BE RELOCATED TO AND BE SUPPORTED BY W ASHLAN OVERCROSSING STRUCTURES.



UTILITY INFORMATION

NO.	FACILITY	SIZE	OWNER	DISPOSITION
1	WATER	14"	CITY OF FRESNO	RELOCATE
2	SEWER	10"	CITY OF FRESNO	RELOCATE
3	SEWER	8"	CITY OF FRESNO	RELOCATE
4	STORM DRAIN	24"	FMFCD	RELOCATE
5	GAS	3"	PG&E	RELOCATE
6	GAS	4"	PG&E	RELOCATE
7	UG POWER	UNKNOWN	PG&E	RELOCATE
8	OH POWER	UNKNOWN	PG&E	RELOCATE
9	F.O. TELECOM	UNKNOWN	AT&T	RELOCATE
10	OH CTV	N/A	COMCAST	RELOCATE
11	STORM DRAIN	18"	FMFCD	RELOCATE
12	WATER	14"	CITY OF FRESNO	RELOCATE

PROVIDE 48" STEEL CASING FOR FUTURE SD RECONSTRUCT IN 24" CASING



DESIGNED BY M. HU	PROPOSED PRELIMINARY DESIGN NOT FOR CONSTRUCTION											
DRAWN BY L. DIFUNTORUM												
CHECKED BY J. MAHER												
IN CHARGE D. MINISTER												
DATE 01/09/2012												
<table border="1"> <tr> <th>REV</th> <th>DATE</th> <th>BY</th> <th>CHK</th> <th>APP</th> <th>DESCRIPTION</th> </tr> <tr> <td>A</td> <td>06/27/12</td> <td>LD</td> <td>MH</td> <td>DM</td> <td>REVISED GAS LINES, SD LINE</td> </tr> </table>	REV	DATE	BY	CHK	APP	DESCRIPTION	A	06/27/12	LD	MH	DM	REVISED GAS LINES, SD LINE
REV	DATE	BY	CHK	APP	DESCRIPTION							
A	06/27/12	LD	MH	DM	REVISED GAS LINES, SD LINE							

AECOM
Technical Services, Inc.
2020 L Street, Suite 300
Sacramento, CA 95811

CH2MHILL



CALIFORNIA HIGH-SPEED TRAIN PROJECT
SIERRA SUBDIVISION
 PACKAGE 1A
 UTILITIES
 COMPOSITE UTILITY PLAN
 STA. 10690+00 TO STA. 10705+00

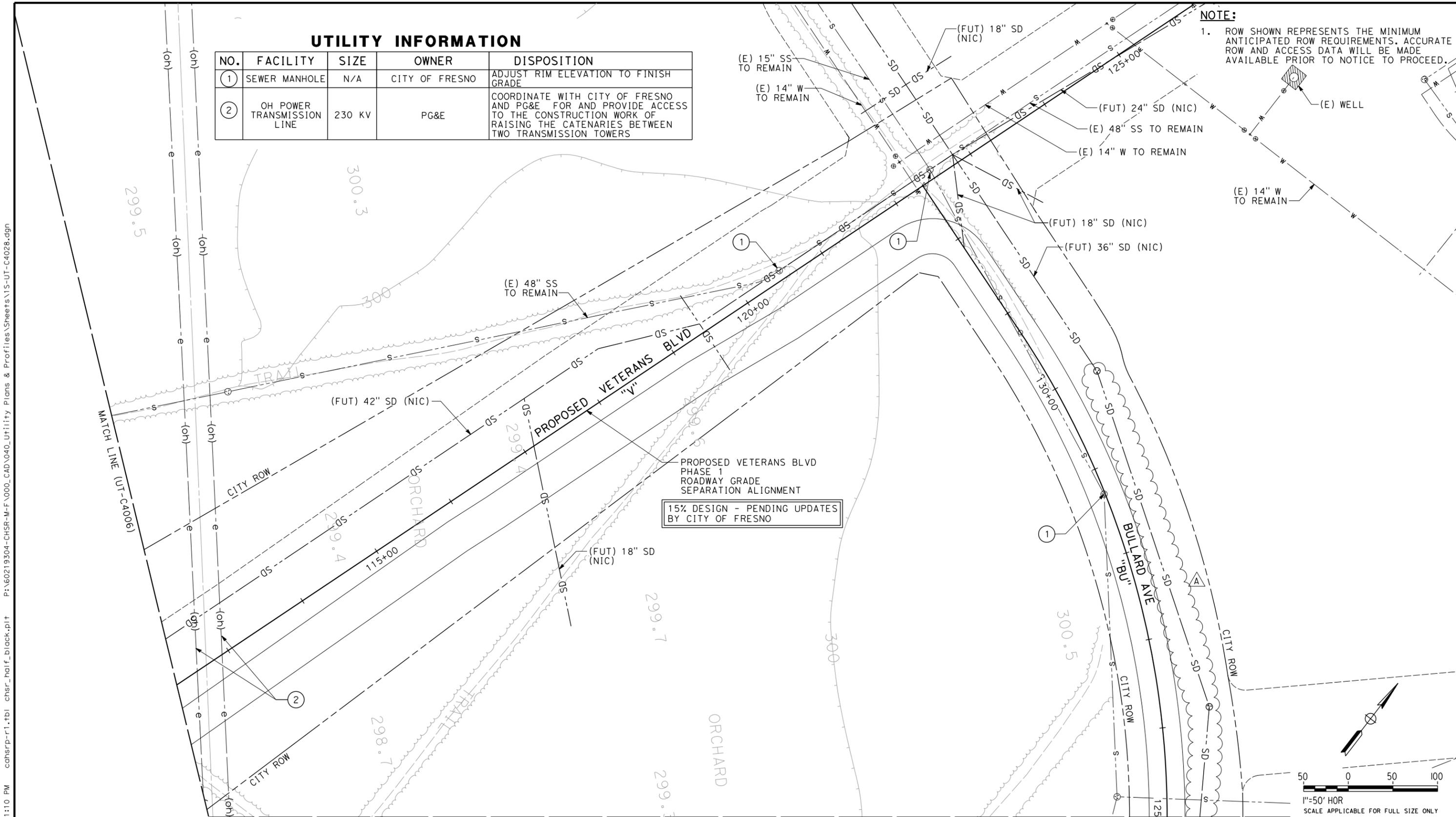
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DRAWING NO. UT-C4017
SCALE AS SHOWN
SHEET NO.

UTILITY INFORMATION

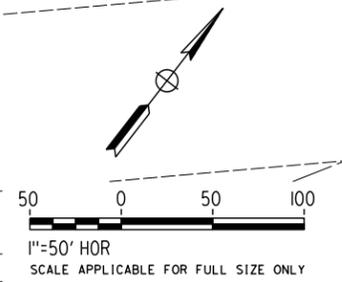
NO.	FACILITY	SIZE	OWNER	DISPOSITION
①	SEWER MANHOLE	N/A	CITY OF FRESNO	ADJUST RIM ELEVATION TO FINISH GRADE
②	OH POWER TRANSMISSION LINE	230 KV	PG&E	COORDINATE WITH CITY OF FRESNO AND PG&E FOR AND PROVIDE ACCESS TO THE CONSTRUCTION WORK OF RAISING THE CATENARIES BETWEEN TWO TRANSMISSION TOWERS

NOTE:

- ROW SHOWN REPRESENTS THE MINIMUM ANTICIPATED ROW REQUIREMENTS. ACCURATE ROW AND ACCESS DATA WILL BE MADE AVAILABLE PRIOR TO NOTICE TO PROCEED.



15% DESIGN - PENDING UPDATES BY CITY OF FRESNO



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REV	DATE	BY	CHK	APP	DESCRIPTION
A	06/28/12	LD	MH	DM	REVISED SD LINE

DESIGNED BY
M. HU
DRAWN BY
L. DIFUNTORUM
CHECKED BY
J. MAHER
IN CHARGE
D. MINISTER
DATE
01/09/2012

PROPOSED PRELIMINARY DESIGN

NOT FOR CONSTRUCTION

AECOM
Technical Services, Inc.
2020 L Street, Suite 300
Sacramento, CA 95811

CH2MHILL



CALIFORNIA HIGH-SPEED TRAIN PROJECT
SIERRA SUBDIVISION
PACKAGE 1A
UTILITIES
COMPOSITE UTILITY PLAN
VETERANS BLVD / BULLARD AVE

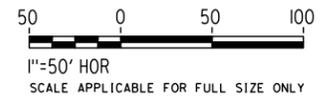
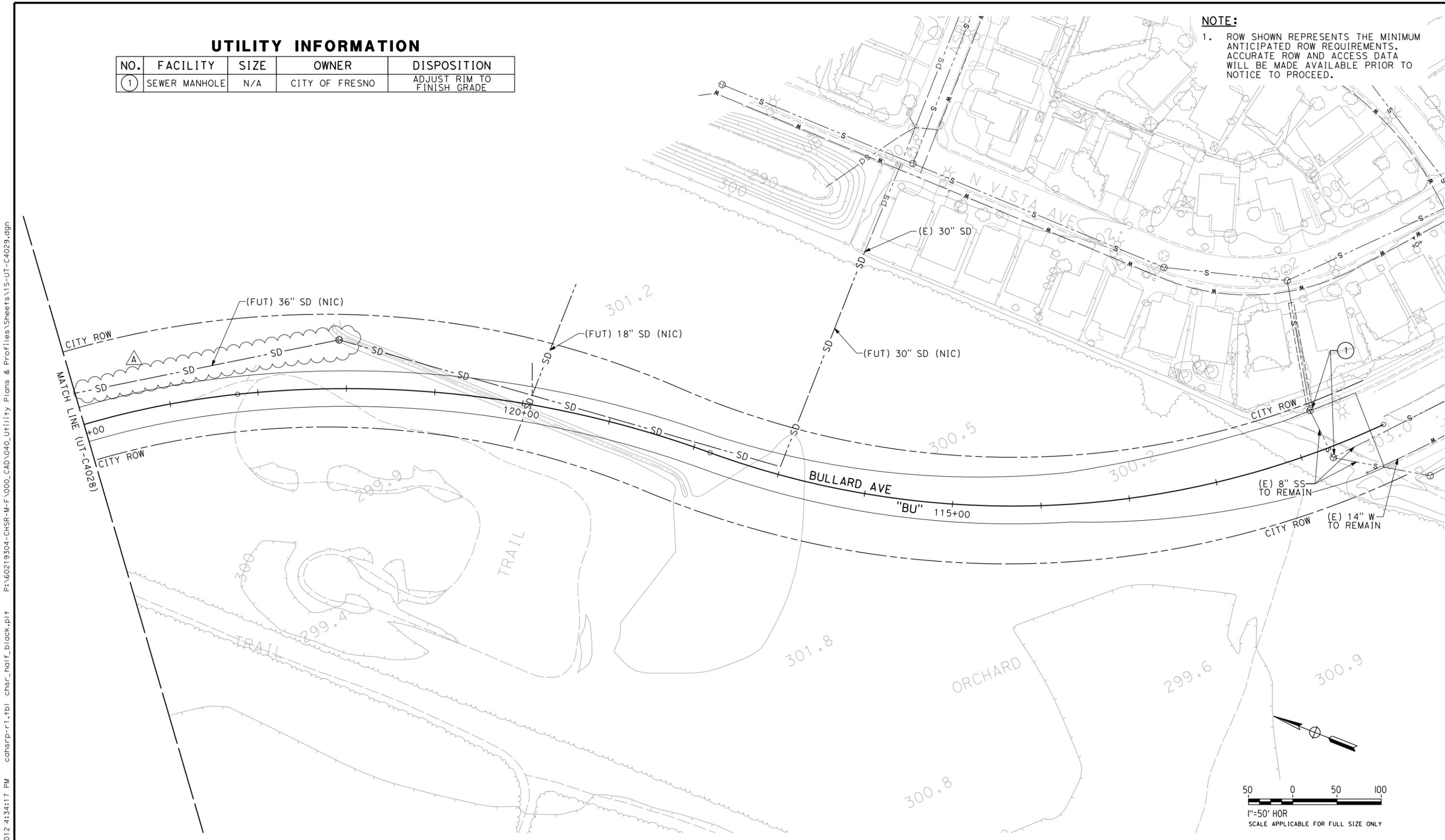
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SCALE AS SHOWN
SHEET NO.

UTILITY INFORMATION

NO.	FACILITY	SIZE	OWNER	DISPOSITION
①	SEWER MANHOLE	N/A	CITY OF FRESNO	ADJUST RIM TO FINISH GRADE

NOTE:

1. ROW SHOWN REPRESENTS THE MINIMUM ANTICIPATED ROW REQUIREMENTS. ACCURATE ROW AND ACCESS DATA WILL BE MADE AVAILABLE PRIOR TO NOTICE TO PROCEED.



REV	DATE	BY	CHK	APP	DESCRIPTION
A	06/28/12	LD	MH	DM	REVISED SD LINE

DESIGNED BY
M. HU
DRAWN BY
L. DIFUNTORUM
CHECKED BY
J. MAHER
IN CHARGE
D. MINISTER
DATE
01/09/2012

**PROPOSED
PRELIMINARY
DESIGN**

**NOT FOR
CONSTRUCTION**

AECOM
Technical Services, Inc.
2020 L Street, Suite 300
Sacramento, CA 95811

CH2MHILL

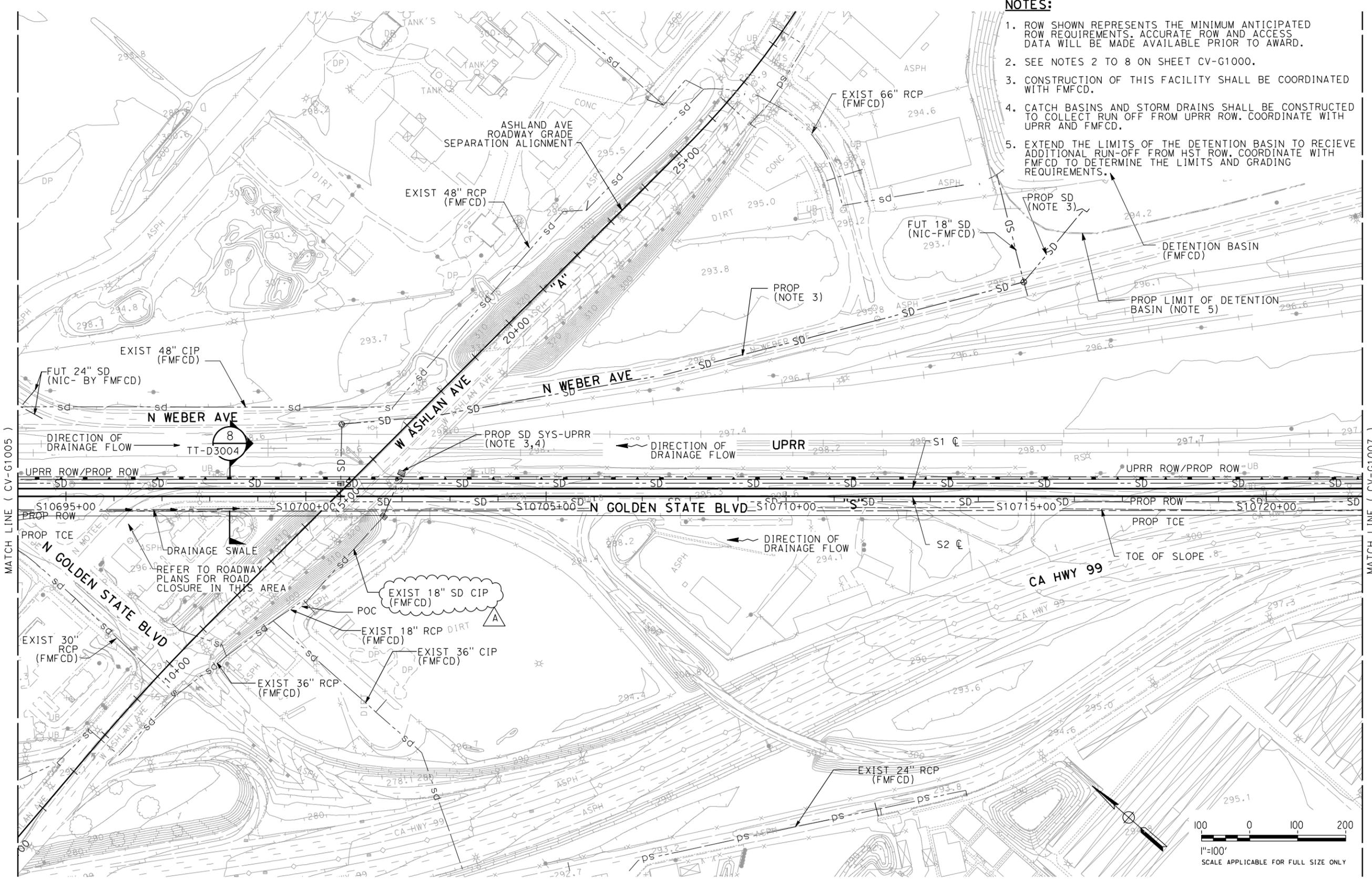


CALIFORNIA HIGH-SPEED TRAIN PROJECT
SIERRA SUBDIVISION
PACKAGE 1A
UTILITIES
COMPOSITE UTILITY PLAN
BULLARD AVE

CONTRACT NO.
DRAWING NO.
UT-C4029
SCALE
AS SHOWN
SHEET NO.

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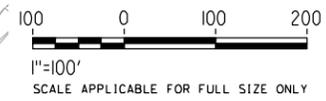


NOTES:

1. ROW SHOWN REPRESENTS THE MINIMUM ANTICIPATED ROW REQUIREMENTS. ACCURATE ROW AND ACCESS DATA WILL BE MADE AVAILABLE PRIOR TO AWARD.
2. SEE NOTES 2 TO 8 ON SHEET CV-G1000.
3. CONSTRUCTION OF THIS FACILITY SHALL BE COORDINATED WITH FMFCD.
4. CATCH BASINS AND STORM DRAINS SHALL BE CONSTRUCTED TO COLLECT RUN OFF FROM UPRR ROW. COORDINATE WITH UPRR AND FMFCD.
5. EXTEND THE LIMITS OF THE DETENTION BASIN TO RECIEVE ADDITIONAL RUN-OFF FROM HST ROW. COORDINATE WITH FMFCD TO DETERMINE THE LIMITS AND GRADING REQUIREMENTS.

MATCH LINE (CV-G1005)

MATCH LINE (CV-G1007)



REV	DATE	BY	CHK	APP	DESCRIPTION
A	06/27/12	LD	MS	DM	REVISED 18" SD FROM PROPOSED TO EXISTING

DESIGNED BY
M. SAINI

DRAWN BY
R. LI

CHECKED BY
R. HENDERSON

IN CHARGE
D. MINISTER

DATE
01/09/2012

**PROPOSED
PRELIMINARY
DESIGN**

**NOT FOR
CONSTRUCTION**



CALIFORNIA HIGH-SPEED TRAIN PROJECT

SIERRA SUBDIVISION

PACKAGE 1A
UTILITIES
GRADING AND DRAINAGE PLAN
STA. 10694+00 TO 10722+00

CONTRACT NO.

DRAWING NO.
CV-G1006

SCALE
AS SHOWN

SHEET NO.