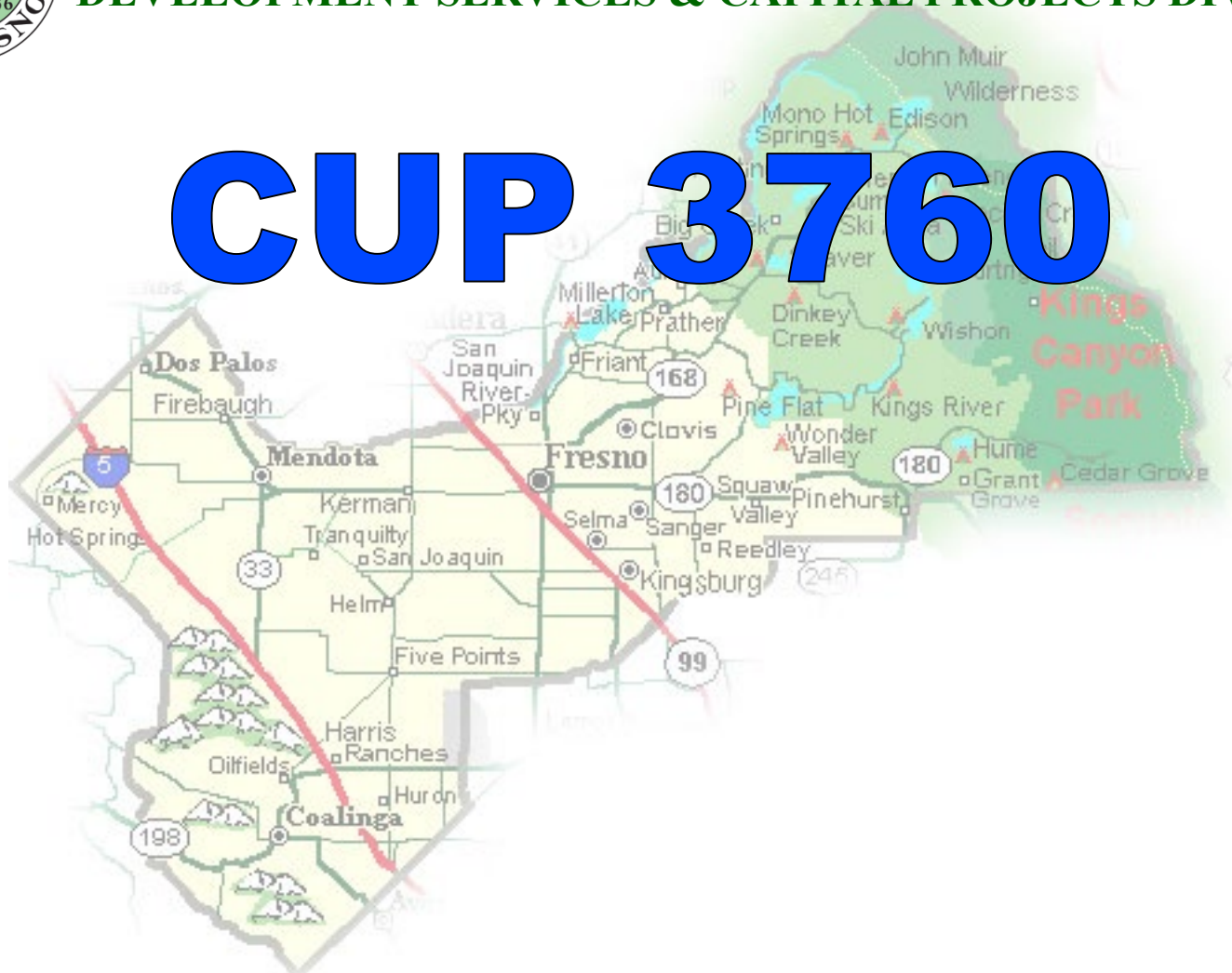
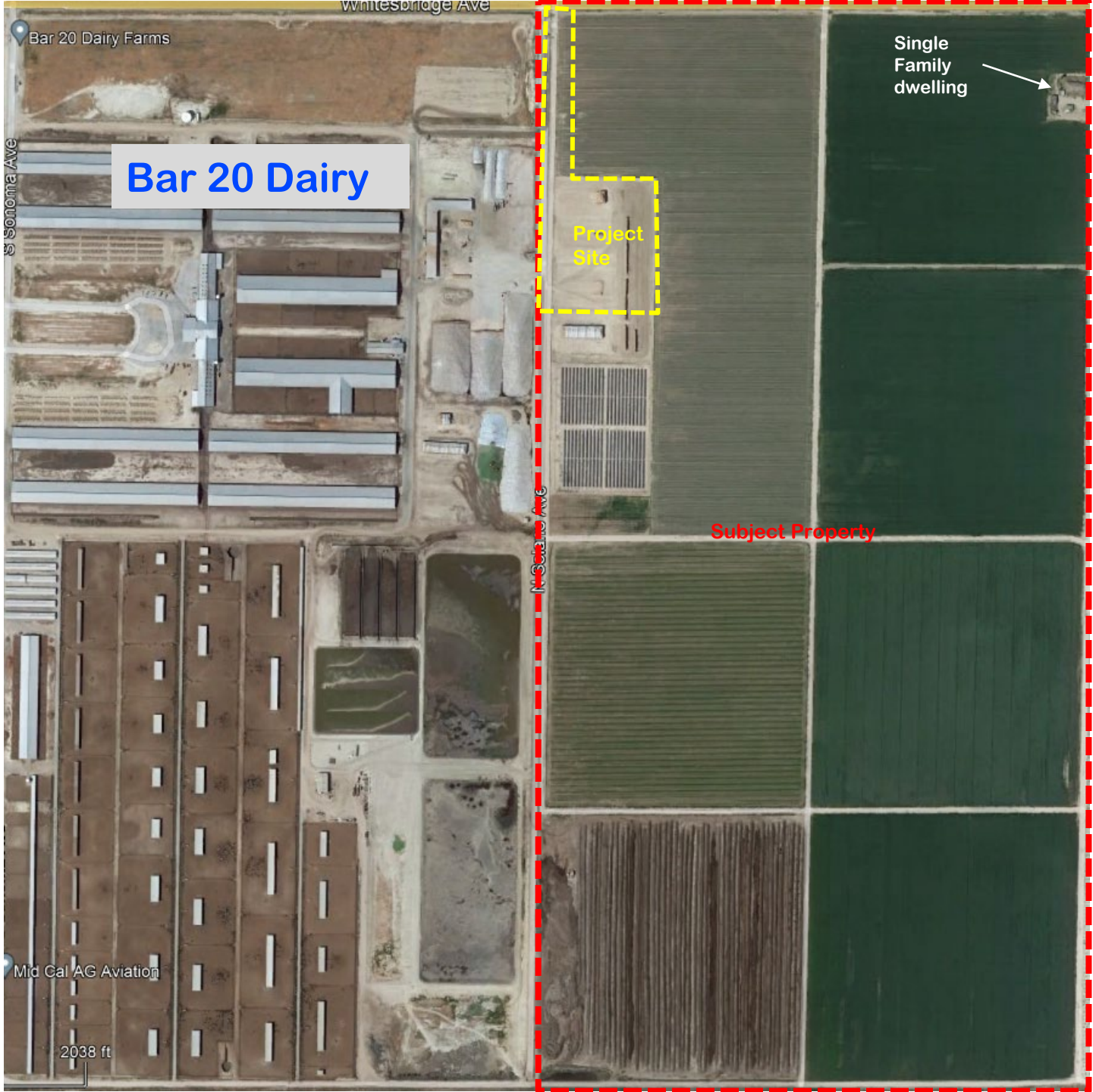




**DEPARTMENT of PUBLIC WORKS and PLANNING**  
**DEVELOPMENT SERVICES & CAPITAL PROJECTS DIVISION**

**CUP 3760**





Bar 20 Dairy Farms

Whitesbridge Ave

S Sonoma Ave

Bar 20 Dairy

Project Site

Single Family dwelling



Subject Property

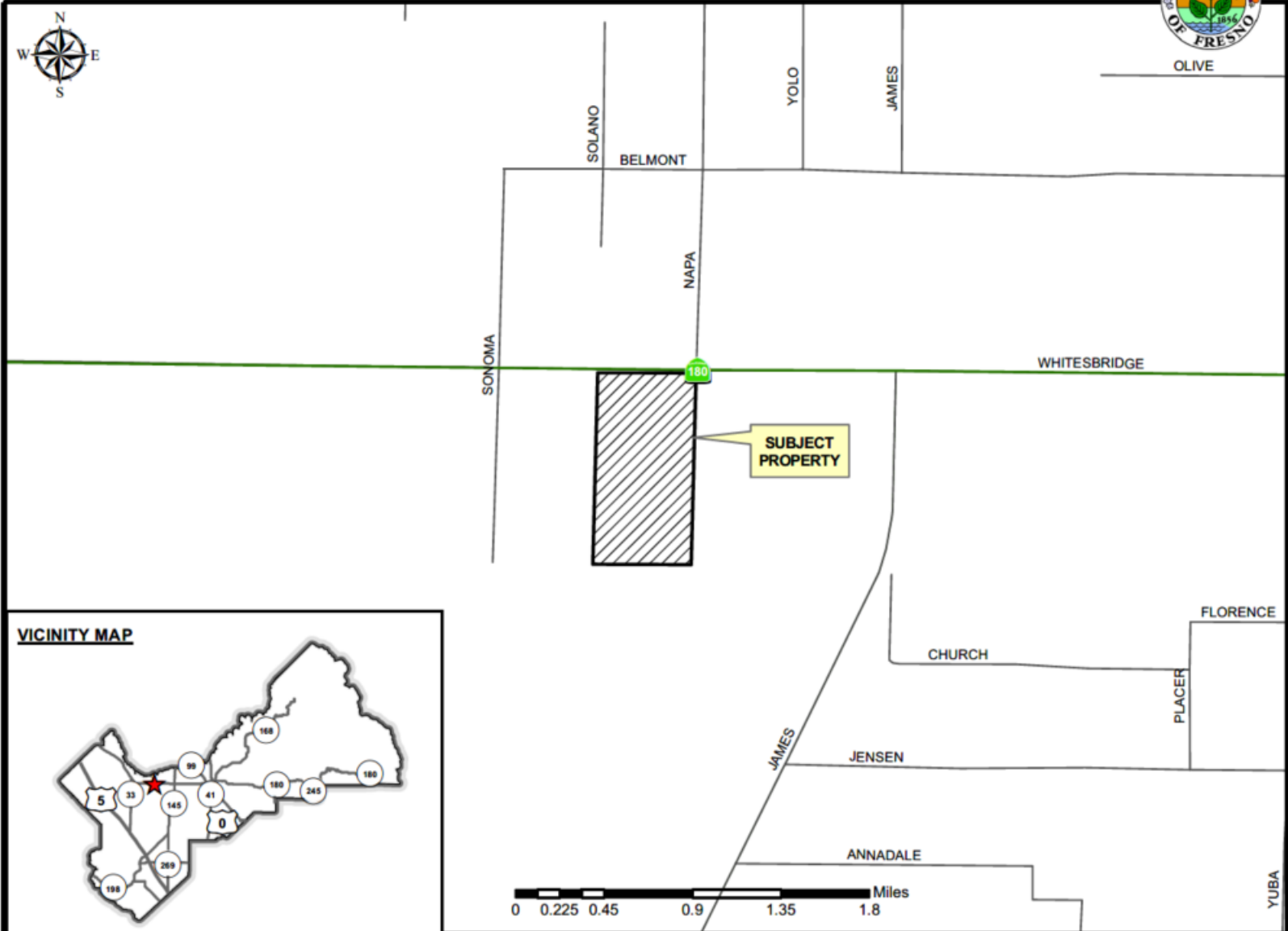
N Santa Ana Ave

Mid Cal AG Aviation

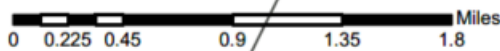
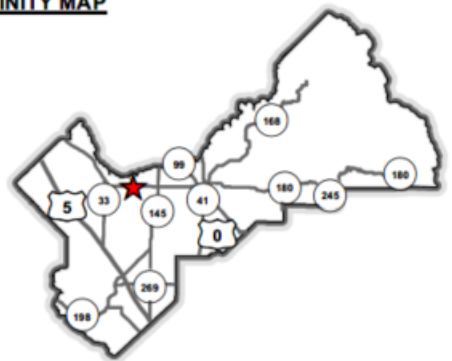
2038 ft

CUP 3760

# LOCATION MAP

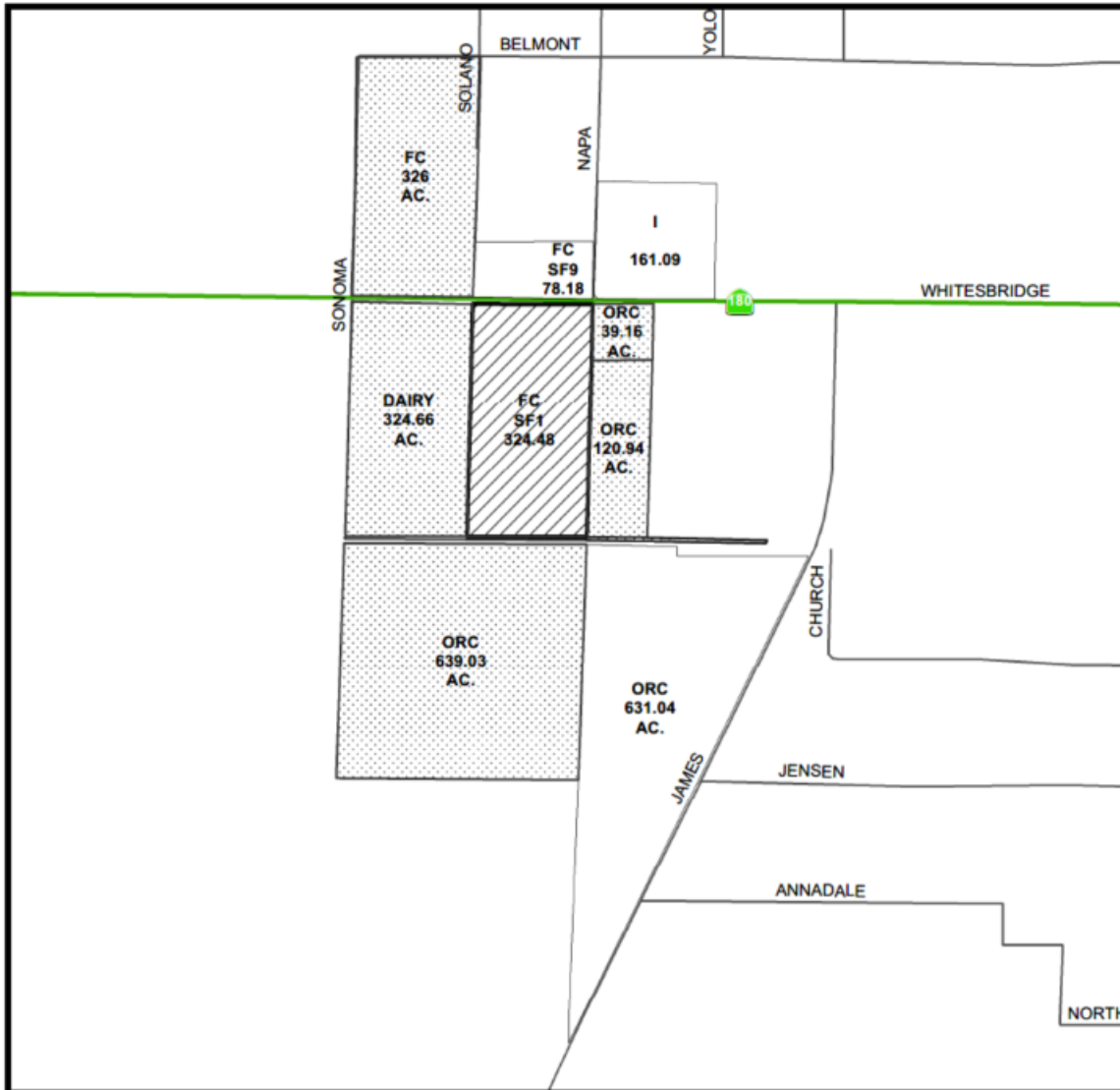


## VICINITY MAP



CUP 3760

# EXISTING LAND USE MAP



| LEGEND                        |
|-------------------------------|
| DAIRY                         |
| FC - FIELD CROP               |
| I - INDUSTRIAL                |
| ORC - ORCHARD                 |
| SF# - SINGLE FAMILY RESIDENCE |
| V - VACANT                    |

## LEGEND:

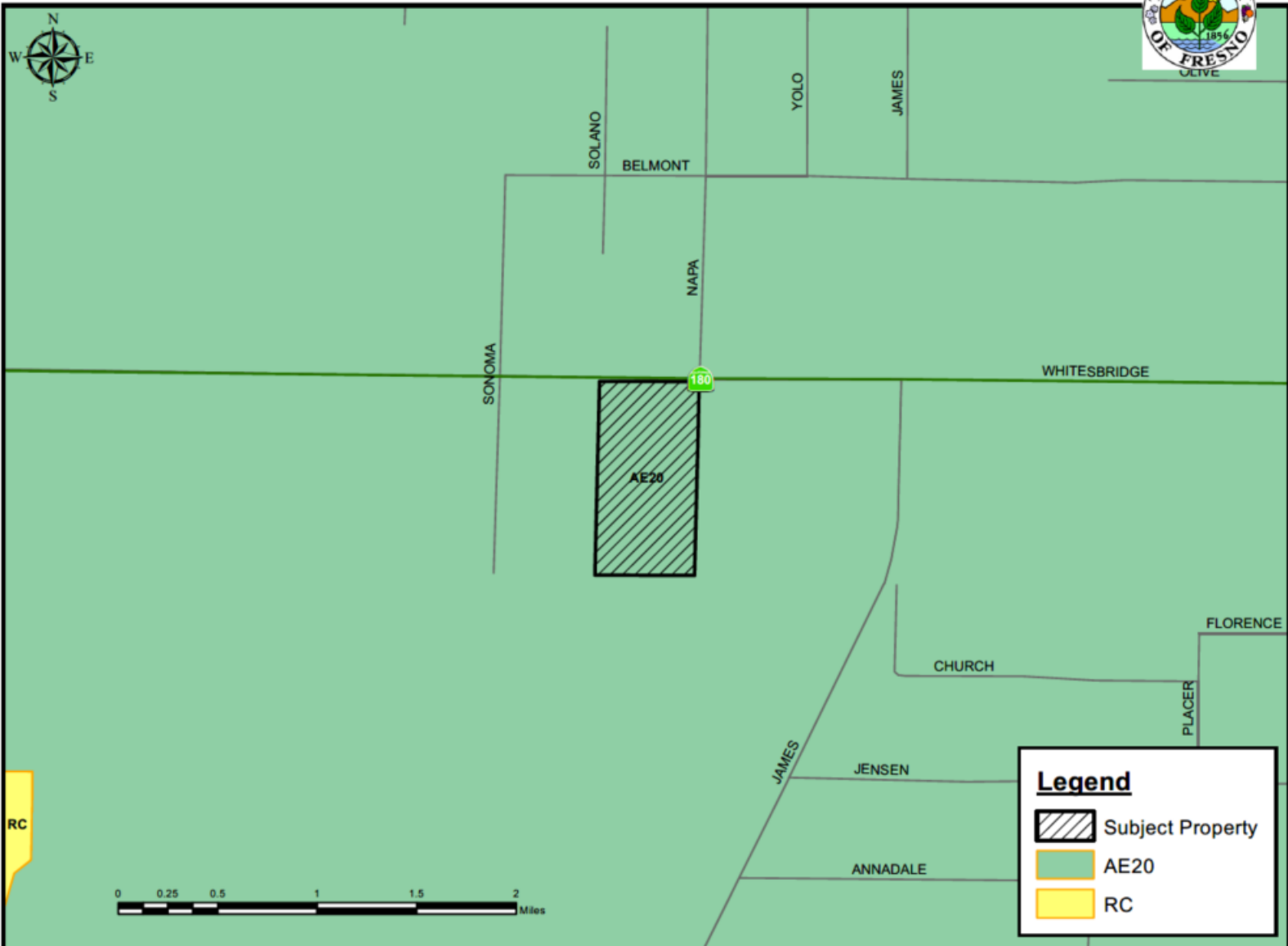
- Subject Property
- Ag Contract Land

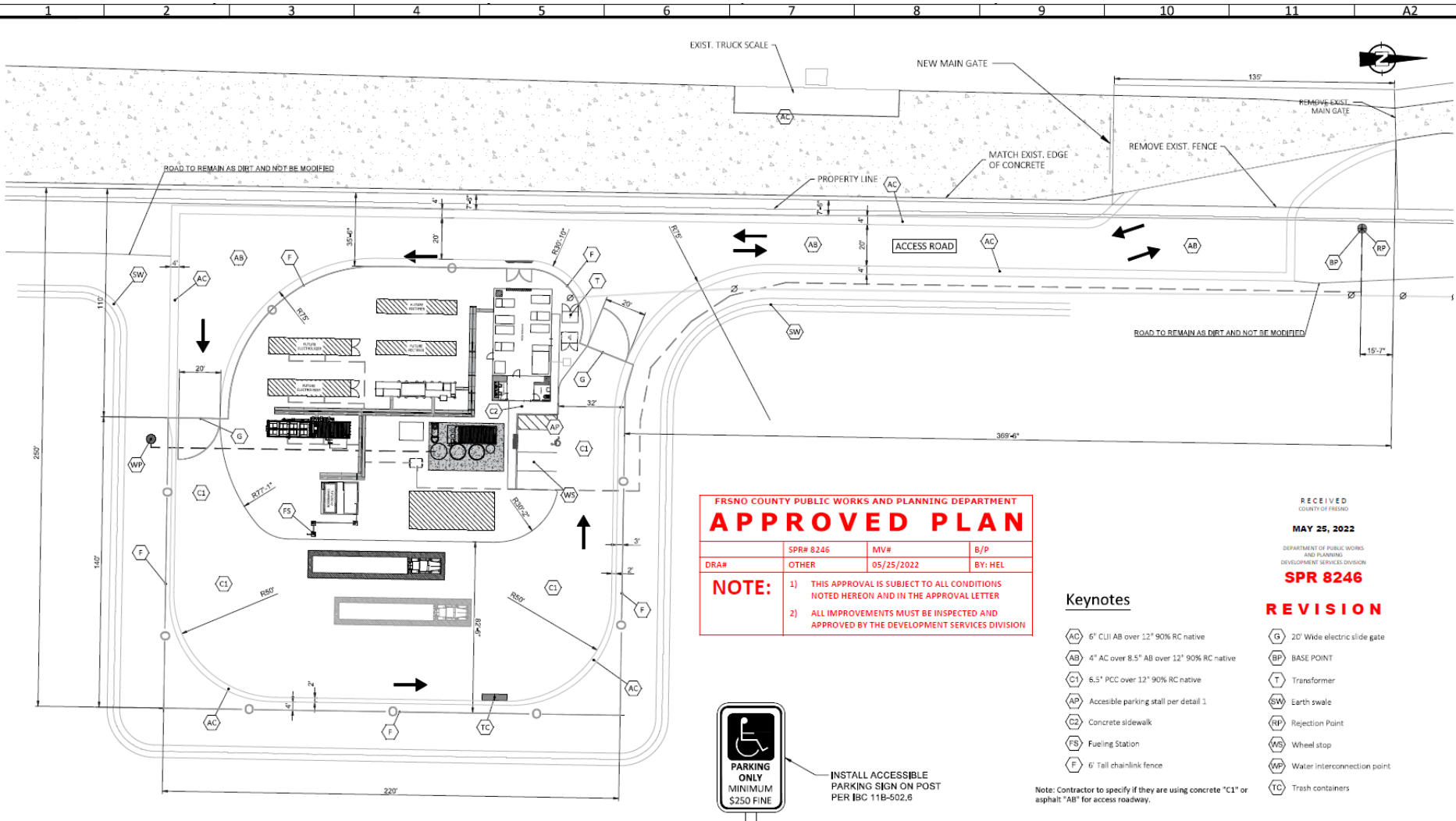


Department of Public Works and Planning  
Development Services Division

CUP 3760  
STR 9-14/16

# EXISTING ZONING MAP





**FRSNO COUNTY PUBLIC WORKS AND PLANNING DEPARTMENT**  
**APPROVED PLAN**

|            |            |         |  |
|------------|------------|---------|--|
| SPR# 8246  | M/V#       | B/P     |  |
| DRA# OTHER | 05/25/2022 | BY: HEL |  |

**NOTE:**

- 1) THIS APPROVAL IS SUBJECT TO ALL CONDITIONS NOTED HEREON AND IN THE APPROVAL LETTER
- 2) ALL IMPROVEMENTS MUST BE INSPECTED AND APPROVED BY THE DEVELOPMENT SERVICES DIVISION

RECEIVED  
 COUNTY OF FRESNO  
 MAY 25, 2022  
 DEPARTMENT OF PUBLIC WORKS  
 AND PLANNING  
 DEVELOPMENT SERVICES DIVISION  
**SPR 8246**

**REVISION**

**Keynotes**

- AC 6" CLII AB over 12" 90% RC native
- AB 4" AC over 8.5" AB over 12" 90% RC native
- C1 8.5" PCC over 12" 90% RC native
- AP Accessible parking stall per detail 1
- C2 Concrete sidewalk
- FS Fueling Station
- F 6' Tall chain-link fence
- G 20' Wide electric slide gate
- BP BASE POINT
- T Transformer
- SW Earth swale
- RP Rejection Point
- WS Wheel stop
- WP Water interconnection point
- TC Trash containers

Note: Contractor to specify if they are using concrete "C1" or asphalt. "AB" for access roadway.



INSTALL ACCESSIBLE PARKING SIGN ON POST PER IBC 11B-502.6

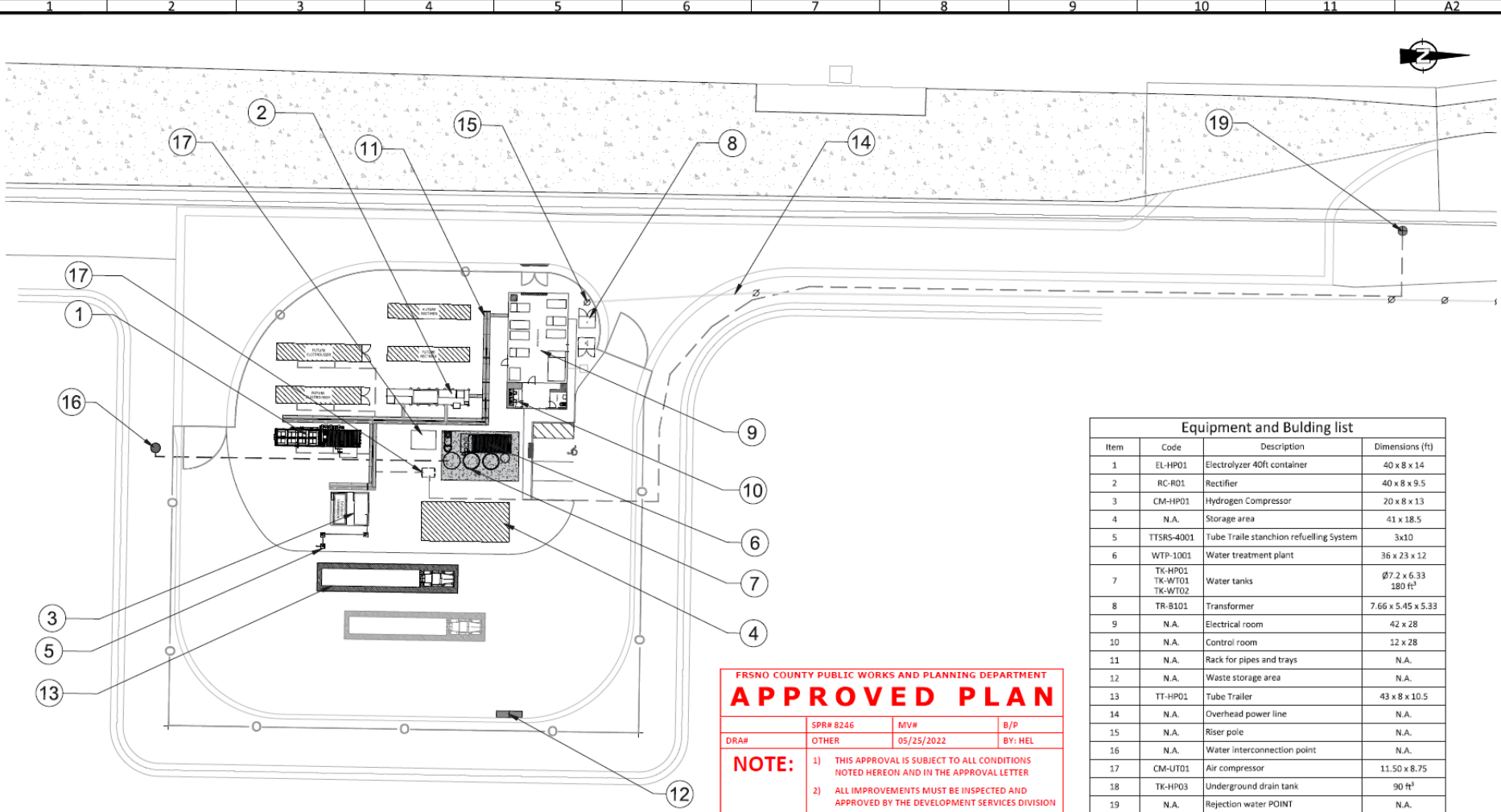


VAN ACCESSIBLE SIGN ON POST PER CBC 11B-502.6

**Detail 1 - Accessible parking sign**  
 Scale: N.T.S.

APN: 015-100-205  
 CUP: 3691  
 SPR: 8246

|                |            |   |  |           |          |                                    |      |           |
|----------------|------------|---|--|-----------|----------|------------------------------------|------|-----------|
| 01             | 03/21/2022 | Update of main equipment, road and building | M/MR                                   | ALM       | MRZ      |                                    |      |           |
| DD             | 10/29/2021 | First Edition                               | J/LCR                                  | DMA       | MRZ      |                                    |      |           |
| Rev.           | Date       | Description                                 | Name                                   | Signature | Name     | Signature                          | Name | Signature |
| Client         |            |   | Drawn                                  | Checked   | Approved |                                    |      |           |
| <b>H2B2</b>    |            |   | P-SHC-001                              |           |          |                                    |      |           |
| Drawn          | Date       | Name  | Signature                              |           |          |                                    |      |           |
| Checked        | 03/21/2022 | ALM   |  |           |          |                                    |      |           |
| Approved       | 03/21/2022 | MRZ   |  |           |          |                                    |      |           |
| Scale: 3/8"=1' |            |   | SoHyCal I Hydrogen Production Facility |           |          | Drawing n#: 8001_PLN_P-SHC-001_FLT |      |           |
|                |            |   | Plant (Civil work)                     |           |          | Sheets: 3 Sheet n#: 7              |      |           |



| Equipment and Building list |                               |                               |                                    |
|-----------------------------|-------------------------------|-------------------------------|------------------------------------|
| Item                        | Code                          | Description                   | Dimensions (ft)                    |
| 1                           | EL-HP01                       | Electrolyzer 40ft container   | 40 x 8 x 14                        |
| 2                           | RC-R01                        | Rectifier                     | 40 x 8 x 9.5                       |
| 3                           | CM-HP01                       | Hydrogen Compressor           | 20 x 8 x 13                        |
| 4                           | N.A.                          | Storage area                  | 41 x 18.5                          |
| 5                           | TTRS-4001                     | Tube Trailer refueling System | 3x10                               |
| 6                           | WTP-1001                      | Water treatment plant         | 36 x 23 x 12                       |
| 7                           | TK-HP01<br>TK-WT01<br>TK-WT02 | Water tanks                   | Ø7.2 x 6.33<br>180 ft <sup>3</sup> |
| 8                           | TR-B101                       | Transformer                   | 7.66 x 5.45 x 5.33                 |
| 9                           | N.A.                          | Electrical room               | 42 x 28                            |
| 10                          | N.A.                          | Control room                  | 12 x 28                            |
| 11                          | N.A.                          | Rack for pipes and trays      | N.A.                               |
| 12                          | N.A.                          | Waste storage area            | N.A.                               |
| 13                          | TT-HP01                       | Tube Trailer                  | 43 x 8 x 10.5                      |
| 14                          | N.A.                          | Overhead power line           | N.A.                               |
| 15                          | N.A.                          | Riser pole                    | N.A.                               |
| 16                          | N.A.                          | Water interconnection point   | N.A.                               |
| 17                          | CM-UT01                       | Air compressor                | 11.50 x 8.75                       |
| 18                          | TK-HP03                       | Underground drain tank        | 90 ft <sup>3</sup>                 |
| 19                          | N.A.                          | Rejection water POINT         | N.A.                               |

**FRSNO COUNTY PUBLIC WORKS AND PLANNING DEPARTMENT**  
**APPROVED PLAN**

|      |                    |                   |                |
|------|--------------------|-------------------|----------------|
| DRA# | SPR# 8246<br>OTHER | MV#<br>05/25/2022 | B/P<br>BY: HEL |
|------|--------------------|-------------------|----------------|

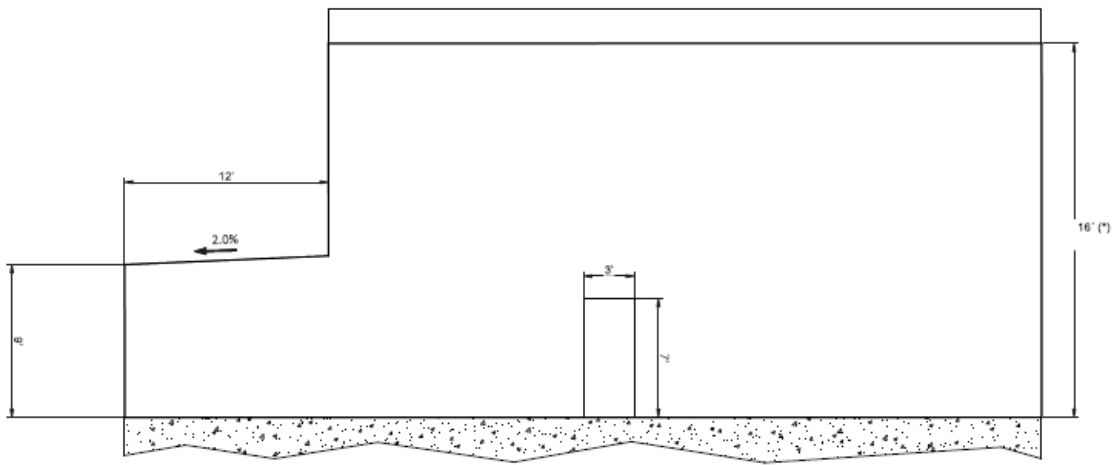
**NOTE:**

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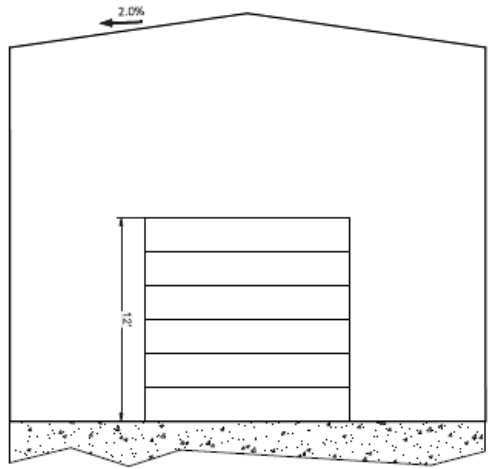
APN: 015-100-205  
 CUP: 3691  
 SPR: 8246

RECEIVED  
 COUNTY OF FRESNO  
 MAY 25, 2022  
 DEPARTMENT OF PUBLIC WORKS  
 AND PLANNING  
 DEVELOPMENT SERVICES DIVISION  
**SPR 8246**  
**REVISION**

|          |            |   |                                    |           |  |           |
|----------|------------|---|------------------------------------|-----------|--|-----------|
| D1       | 05/21/2022 | update of main equipment, road and building | M/MR                               | ALM       | MRZ                                    |           |
| D0       | 10/29/2021 | First Edition                               | J/LCR                              | DMA       | MRZ                                    |           |
| Rev.     | Date       | Description                                 | Name                               | Signature | Name                                   | Signature |
| Client   |            |   | Drawn                              | Checked   | Approved                               |           |
|          |            |   | P-SHC-001                          |           |  |           |
| Drawn    | 08/21/2022 | M/MR  | H <sup>2</sup> B <sup>2</sup>      |           |  |           |
| Checked  | 08/21/2022 | ALM   |                                    |           |  |           |
| Approved | 08/21/2022 | MRZ   |                                    |           |  |           |
| Scale:   | 3/8" = 1'  |   |                                    |           | SoHyCal I Hydrogen Production Facility |           |
|          |            |   | Plant<br>(Equipments and building) |           |  |           |
|          |            |   | Drawing nr:                        |           | 6001_PLN_P-SHC-001_FLT                 |           |
|          |            |   | Sheets: 4                          |           | Sheet nr: 7                            |           |

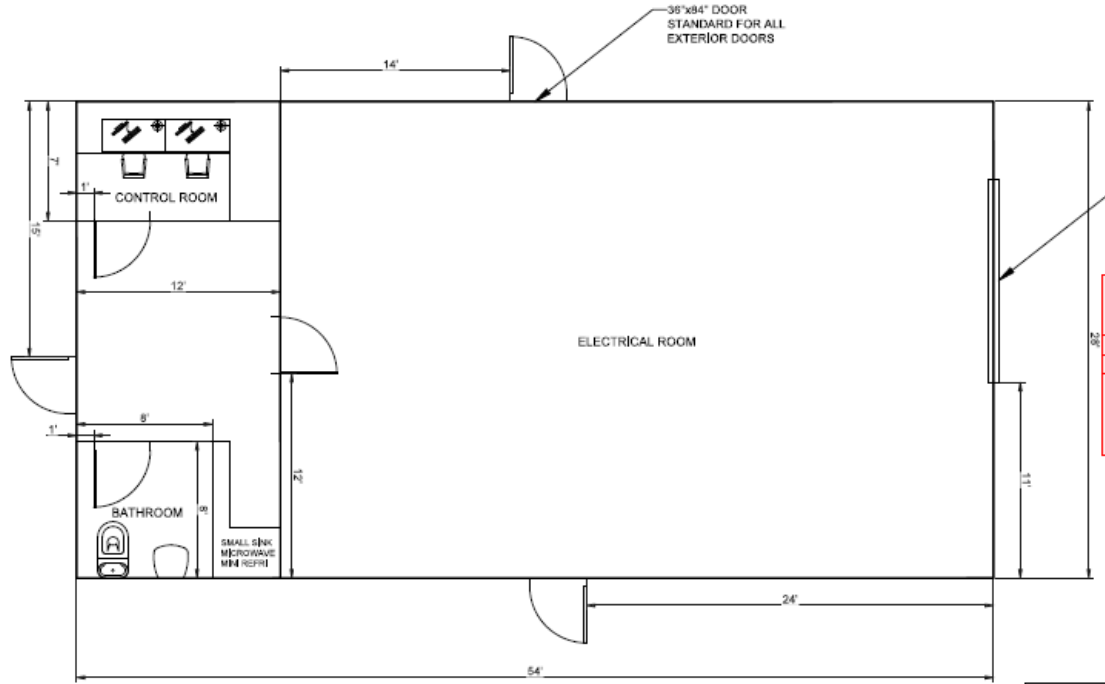


1 ELEVATION VIEW



2 SIDE VIEW

(\*) THIS DISTANCE INDICATES IS FREE INSIDE THE BUILDING. THE CONTRACTOR MUST DESIGN WITH THIS DISTANCE AND THE METAL STRUCTURE, BEAMS, LIGHTING AND AIR SYSTEM WILL BE INSTALLED OVER ON 16FT.



3 PLAN VIEW

36"x84" DOOR STANDARD FOR ALL EXTERIOR DOORS

12 x 12 ft. STEEL GARAGE DOOR

FRSNO COUNTY PUBLIC WORKS AND PLANNING DEPARTMENT  
**APPROVED PLAN**

|           |            |         |
|-----------|------------|---------|
| SPR# 8246 | MV#        | B/P     |
| OTHER     | 05/25/2022 | BY: HEL |

**NOTE:**

- 1) THIS APPROVAL IS SUBJECT TO ALL CONDITIONS NOTED HEREON AND IN THE APPROVAL LETTER
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RECEIVED  
COUNTY OF FRESNO  
**MAY 25, 2022**

DEPARTMENT OF PUBLIC WORKS  
AND PLANNING  
DEVELOPMENT SERVICES DIVISION  
**SPR 8246**

**REVISION**

| Rev.     | Date       | Description   | Name      | Signature | Name | Signature | Name | Signature |
|----------|------------|---------------|-----------|-----------|------|-----------|------|-----------|
| DD       | 10/29/2021 | First Edition | JLCK      |           | DMA  |           | MRZ  |           |
| Client   | H2B2       |               | P-SHC-001 |           | H2B2 |           |      |           |
| Drawn    | 03/21/2022 | MVMR          |           |           |      |           |      |           |
| Checked  | 03/21/2022 | ALM           |           |           |      |           |      |           |
| Approved | 03/21/2022 | MRZ           |           |           |      |           |      |           |

APN: 015-100-205  
CUP: 3691  
SPR: 8246

Scale: 1"=5'  
SoHyCal I Hydrogen Production Facility  
Plant  
(Dimension Control & Electrical rooms)  
Drawing #6: 6003\_PLN\_P-SHC-001\_PLT  
Sheets: 7 Sheet nr: 7



| Findings | Description   | Findings Met |
|----------|---|--------------|
| 1        | <b>Size and shape of parcel is adequate.</b>                                | YES          |
| 2        | <b>Streets and highways are adequate for use.</b>                           | YES          |
| 3        | <b>No adverse effect on neighborhood.</b>                                   | YES          |
| 4        | <b>General Plan consistency.</b>  | YES          |
| 5        | <b>Conditions necessary for public health, safety, and general welfare.</b> | YES          |



## DEPARTMENT of PUBLIC WORKS and PLANNING DEVELOPMENT SERVICES & CAPITAL PROJECTS DIVISION

# CUP 3760



## Equipment and Bulding List

| Item | Code                          | Description                              | Dimensions (ft)           |
|------|-------------------------------|--|---------------------------|
| 1    | HP-EL01                       | Electrolyzer 40ft Container              | 40 x 8 x 14               |
| 2    | RC-R01                        | Rectifier                                | 40 x 8 x 9.5              |
| 3    | HP-CM01                       | Hydrogen Compressor                      | 20 x 8 x 13               |
| 4    | N.A.                          | Storage Area                             | 41 x 18.5                 |
| 5    | HP-TS01                       | Tube Trailer Stanchion Refuelling System | 3x10                      |
| 6    | HP-WT01                       | Water Treatment Plant                    | 36 x 23 x 12              |
| 7    | WT-TK01<br>WT-TK02<br>WT-TK03 | Water Tanks                              | Ø7.2 x 6.33<br>1,120 gal. |
| 8    | TR-B101                       | Transformer (1.00 MVA)                   | 6.03 x 5.31 x 6.08        |
| 9    | TR-B103                       | Transformer (1.50 MVA)                   | 6.03 x 5.48 x 6.08        |
| 10   | N.A.                          | Electrical Room                          | 42 x 28                   |
| 11   | N.A.                          | Control Room                             | 12 x 28                   |
| 12   | N.A.                          | Ladder Trays                             | N.A.                      |
| 13   | N.A.                          | Waste Storage Area                       | N.A.                      |
| 14   | HP-TT01                       | Tube Trailer                             | 43 x 8 x 10.5             |
| 15   | N.A.                          | Overhead Power Line                      | N.A.                      |
| 16   | N.A.                          | Riser Pole                               | N.A.                      |
| 17   | N.A.                          | Water Interconnection Point              | N.A.                      |
| 18   | UT-CM01                       | Air Compressor                           | 11.50 x 8.75              |
| 19   | HP-TK01                       | Hydrogen buffer                          | 250 gal.                  |
| 20   | HP-TK02                       | Underground Drain Tank                   | 560 gal.                  |
| 21   | N.A.                          | Rejection Water Point                    | N.A.                      |
| 22   | CM-CH01                       | Chiller                                  | 10.83 x 4.17 x 7.08       |
| 23   | HP-GE01                       | Biogas Generator, 1000 kW, 480 V, 60 Hz. | 40 x 8 x 14               |
| 24   | GE-EA01                       | Aircoller for Biogas Generator           | 16.6 x 7.1 x 1.5          |
| 25   | N.A.                          | Pipe biogas interconexion point          | N.A.                      |