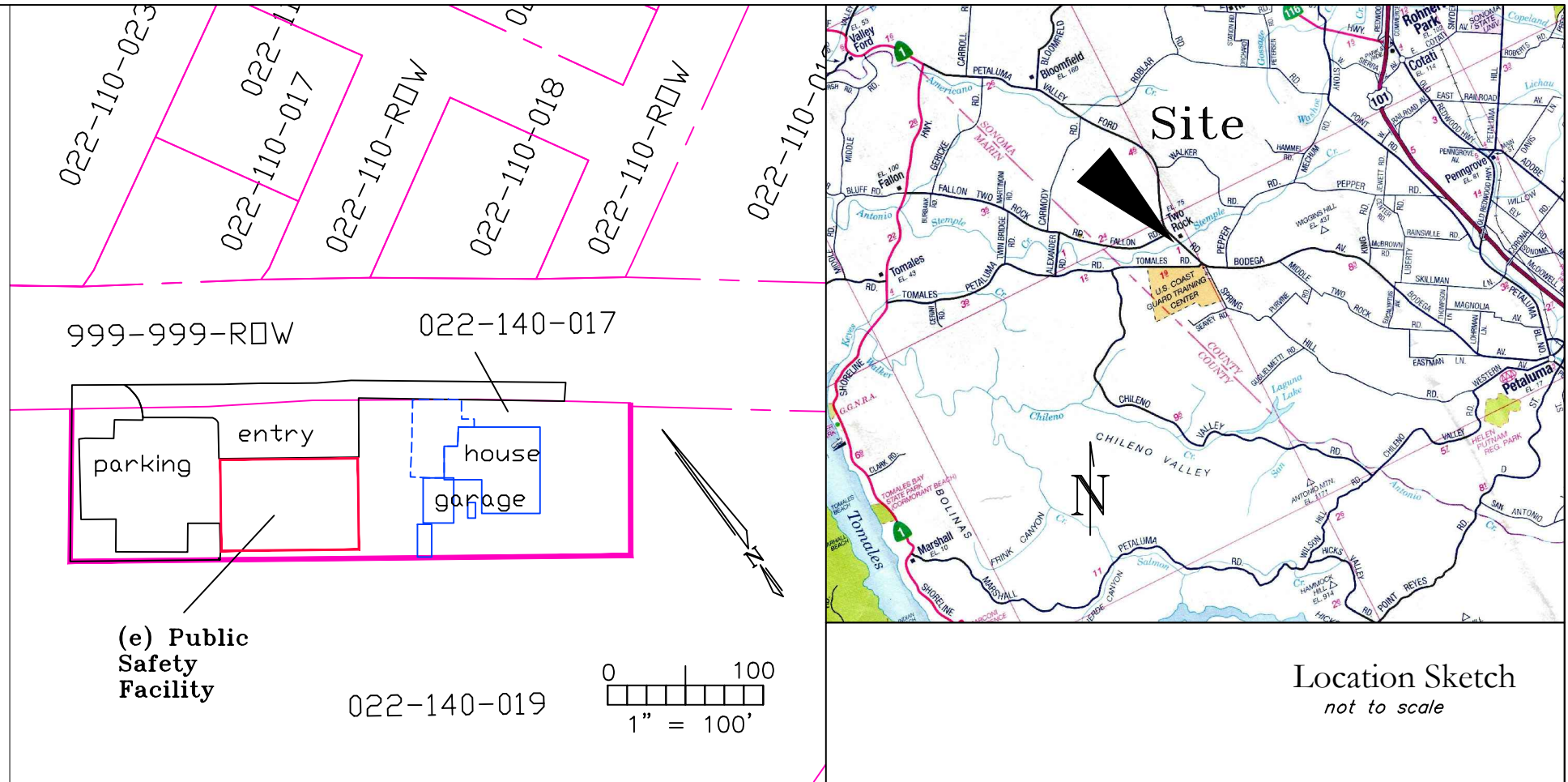


# UPE23-0046

## Architectural Design Style

- \* This existing Public Safety Facility was approved, constructed, and finalized under BLD19-2620. It is a 60'x90'x14' high gable-ended metal building with 1:12 roof pitch, consistent with the previous obsolete on-site building and with local rural agricultural architecture.
- \* The building is located in a 200'-wide Scenic Resource Corridor. Scenic resources were considered at the time of original building permit issuance.
- \* Highway frontage includes a concrete apron for occasional Emergency Services apparatus parking. The adjoining graveled parking area to the North contains 10 spaces and drains by low-slope sheet flow to a BAASMA-design bioretention swale.
- \* The building body color is Rustic Red, an agricultural barn color with Koko Brown accent trim. The original galvanized roof has been painted a muted red and is generally not visible from the adjoining highway due to low slope of the gabled roof.
- \* External features include four easterly frontage-facing 12'x12' roll-up doors for emergency apparatus egress and a person-door in each of the N and S gabled ends.
- \* Exterior lighting is required for building security, parking area illumination, volunteer safety when approaching person-doors, and for building demarcation as a Public Safety Facility.
- \* Each roll-up door is bracketed by a pair of red marker lights about 10' above grade in weatherproof safety enclosures. The doors are also bracketed by ground-level yellow door protection bollards.
- \* Signage consists of a commercially-produced 5'h x 6'w unlit unit centered on the front of the building identifying the organization and street address.
- \* Each gabled end contains a person-door with down-cast LED lighting with motion-sensing operation. A single down-cast security light is also located at about 20' high on each gable end.
- \* The building is fitted with external security cameras on each of the four exterior corners, located at about 13' above grade. A single 15" diameter satellite dish antenna is located at the SE corner of the building.
- \* Building utilities are located externally on the north gabled wall and include electrical and propane service. Other utilities visible from the highway include propane tank, water storage tank, and apparatus refill hydrant.
- \* A new redwood board fence is proposed at the S side of the parking lot to screen parking and building utilities from the neighbor to the south.
- \* ADA parking, signage, handrails, and safety features are present at the north exterior wall.
- \* The road frontage is not fenced. The remainder of the property is surrounded by a standard 4'-high stockwire fence. The SE side of the property outside the UPE development envelope has a 6' high redwood panel fence.



### Table of Contents

- C1 Location Sketch, Architectural Design Style
- C2 25-scale Plan View, Parcel Limits, Scenic Corridor
- C3 Building Elevations, Plan View  
Outdoor Lighting Plan
- C4 ADA Sheet 1 Path of Travel, Construction Details
- C5 ADA Sheet 2 ADA-Compliant Restroom Construction Details
- C6 New Wood Fence Plan and Elevation Views
- C7 Well Location and Water Supply Line Route

Lands of: APN 022-140-017  
**Two Rock Fire Department**  
 7599 Valley Ford Road, Petaluma CA 94952

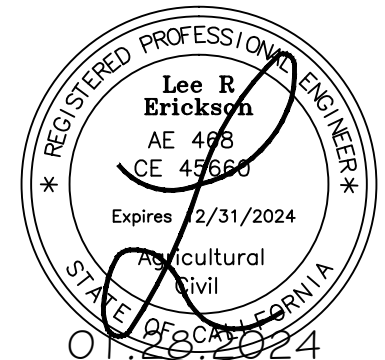
UPE23-0046  
 Public Safety Facility  
 Location Sketch  
 Architectural Design Style  
 Modification of UPE18-0068

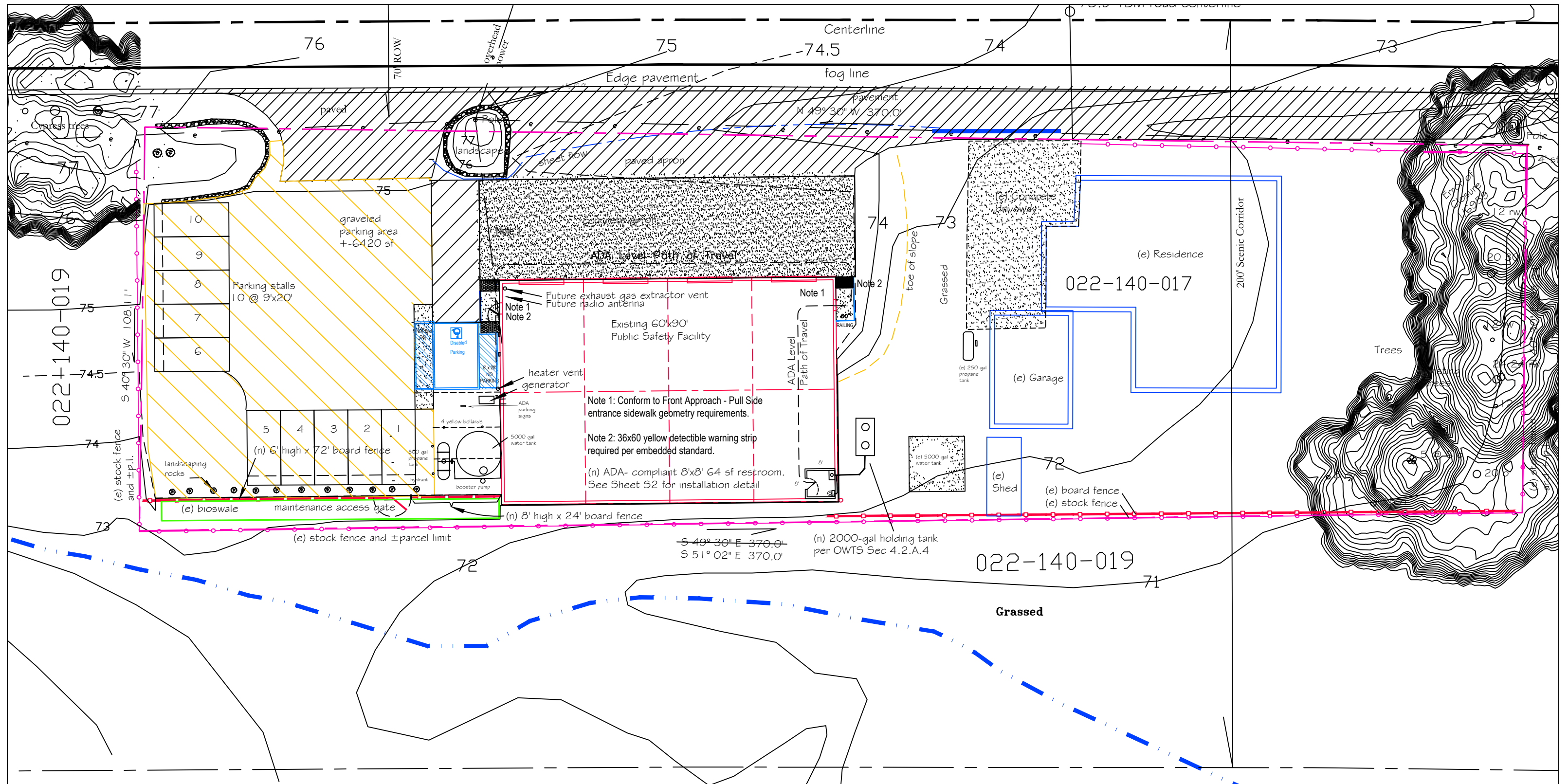
Paul Martin, Vice President  
 Two Rock Fire Department  
 xchief9600@gmail.com  
 707.763.8419  
 707.478.0604 cell

Erickson Engineering Inc.  
 Valley Ford CA 94972-0446  
 707.800.5002 cell  
 lee.erickson@hotmail.com

2024 0128  
 PubSafety.dwg  
 01.28.2024  
 Scale noted  
 Location

C1





0 Plan View 50  
 SCALE: 1" = 25'

Lands of: APN 022-140-017  
**Two Rock Fire Department**  
 7599 Valley Ford Road, Petaluma CA 94952

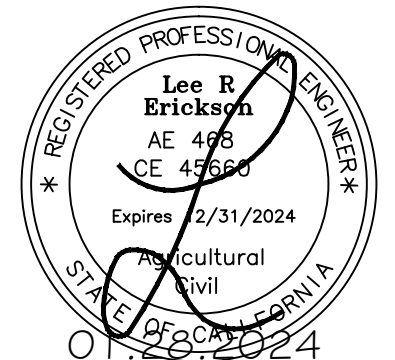
**UPE23-0046**  
**Public Safety Facility**  
**25-Scale Site Plan View**  
**Parcel Limits, Scenic Corridor**  
 Modification of UPE18-0068

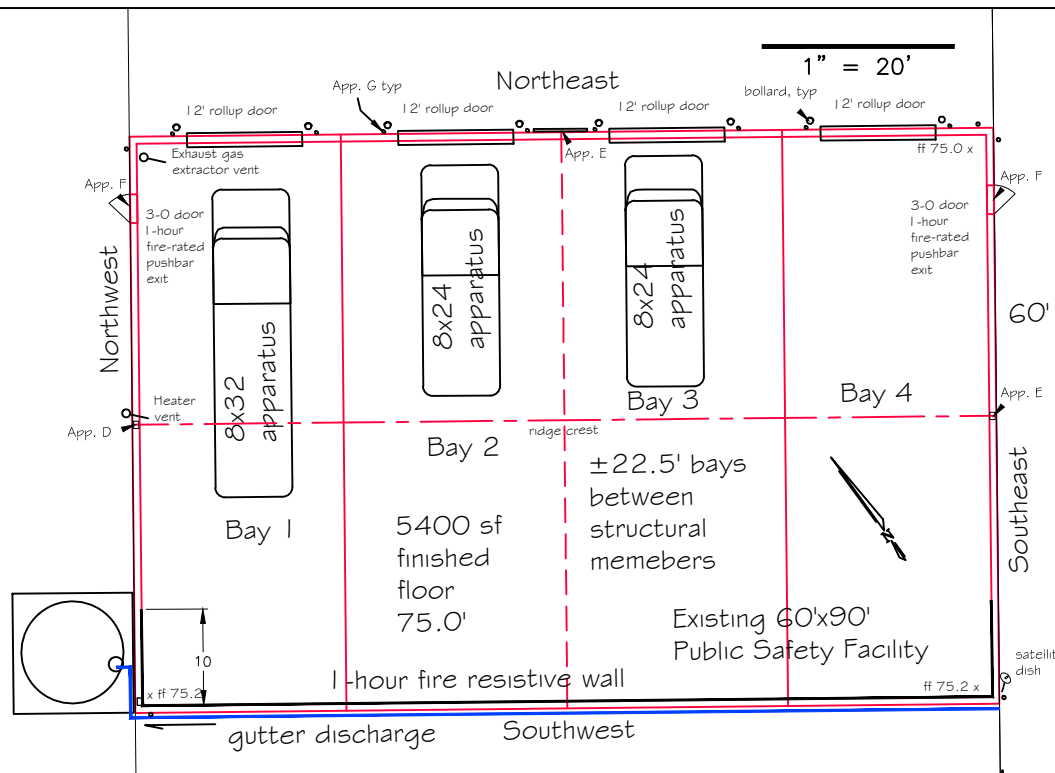
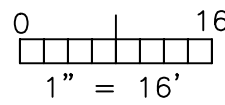
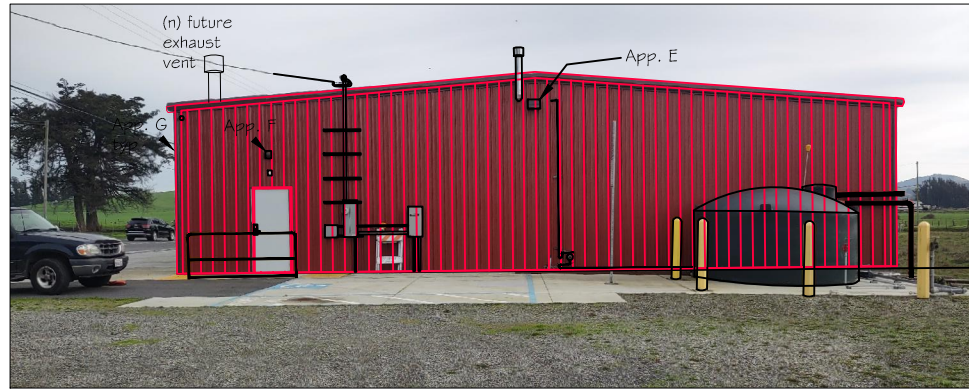
Paul Martin, Vice President  
 Two Rock Fire Department  
 xchief9600@gmail.com  
 707.763.8419  
 707.478.0604 cell

Erickson Engineering Inc.  
 Valley Ford CA 94972-0446  
 707.800.5002 cell  
 lee.erickson@hotmail.com

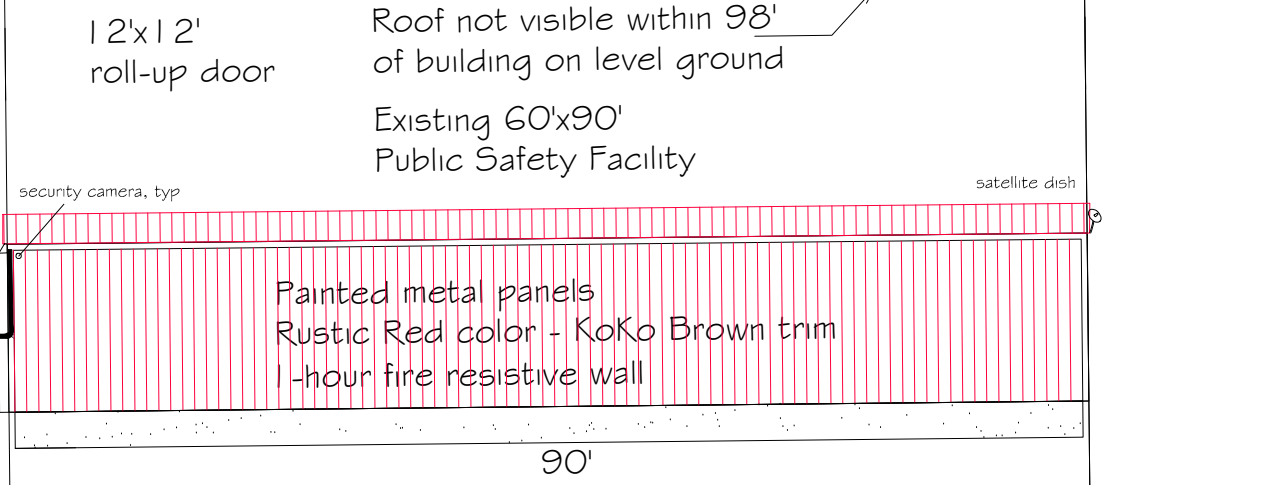
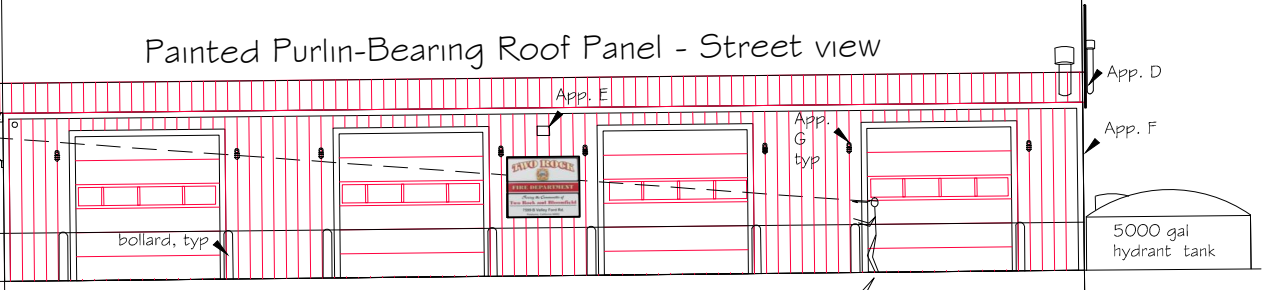
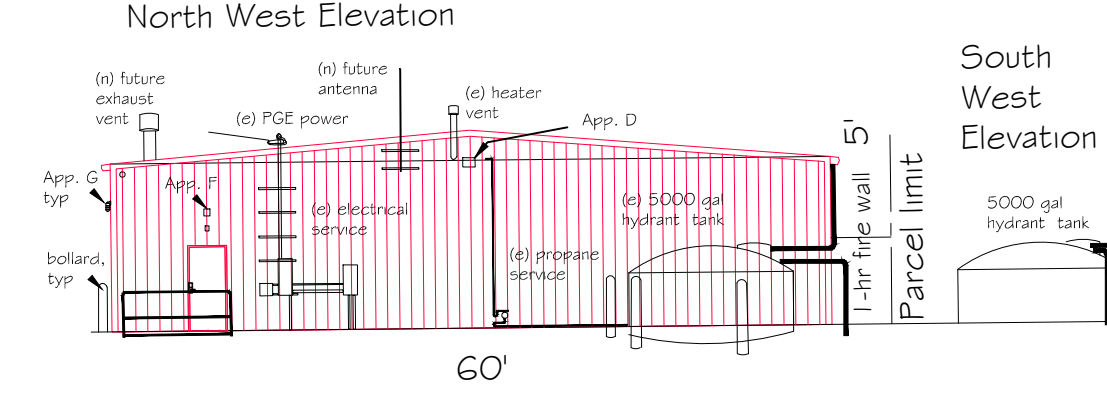
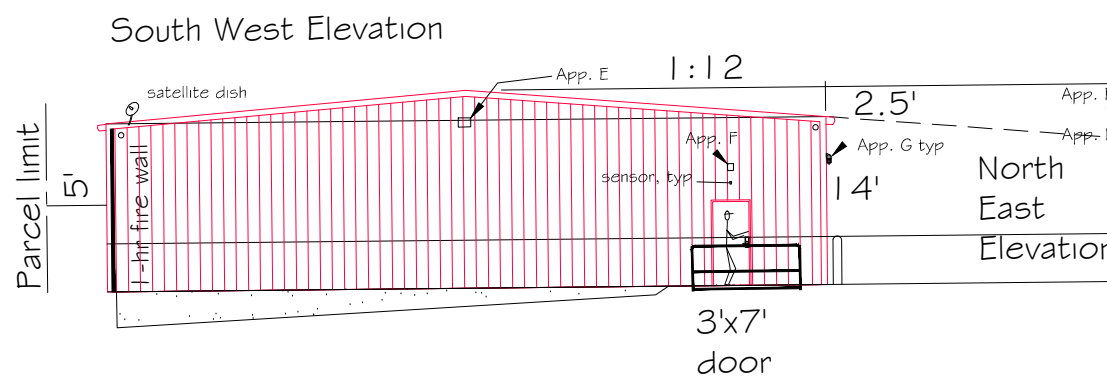
2024 0128  
 PubSafety.dwg  
 01.28.2024  
 1" = 25'  
 Plan View

C2





- OUTDOOR LIGHTING PLAN**  
 Appendices within the 2024 0128 design report provide details and description of the following existing exterior lighting fixtures:
- \* App. D: Full Cutoff Wall Pack Model WLFC Security light
  - \* App. E: Lithonia Lighting D-Series Size 1 LED Wall Luminaire Security lights
  - \* App. F: Cooper Lumark Crosstour XTOR1B Safety lights
  - \* App. G: Red GLS LED 5W Light Bulb Industrial 1-Light Brushed Steel Outdoor Weather Tight Flush mount Wall Light Fixture Public Safety Facility Marker Lights



- Commercial Steel Building**
- \* Public Safety Facility Design Criteria
  - \* Roll-up Doors
  - \* Corrugated metal siding
  - \* Consistent with historic building
  - \* Consistent with local ag values
  - \* Muted dark "barn-red" Rustic Red color
  - \* Koko Brown trim, galvanized roof
  - \* Commercial plastic sign on building
  - \* No remote monument sign
  - \* Muted downcast exterior lighting
  - \* Low-slope gravel parking
- Fire Service Requirements:**
- \* One-hour fire wall per Detail required within 10' of property lines.
  - \* No exterior wall openings allowed within 5' of property line.
  - \* If present, exterior wall openings within 10' of property line require protection (louvers).
  - \* Any windows and human access doors shall be rated per Emergency Services requirements.

Lands of: APN 022-140-017  
**Two Rock Fire Department**  
 7599 Valley Ford Road, Petaluma CA 94952

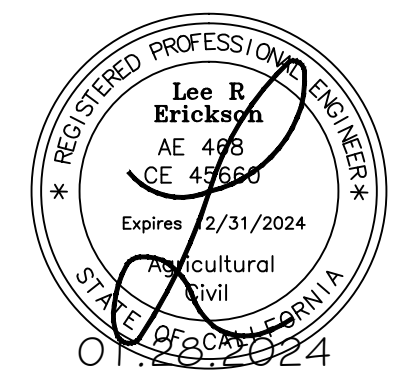
**UPE23-0046**  
**Public Safety Facility**  
**Elevation, Plan Views**  
**Outdoor Lighting Plan**  
 Modification of UPE18-0068

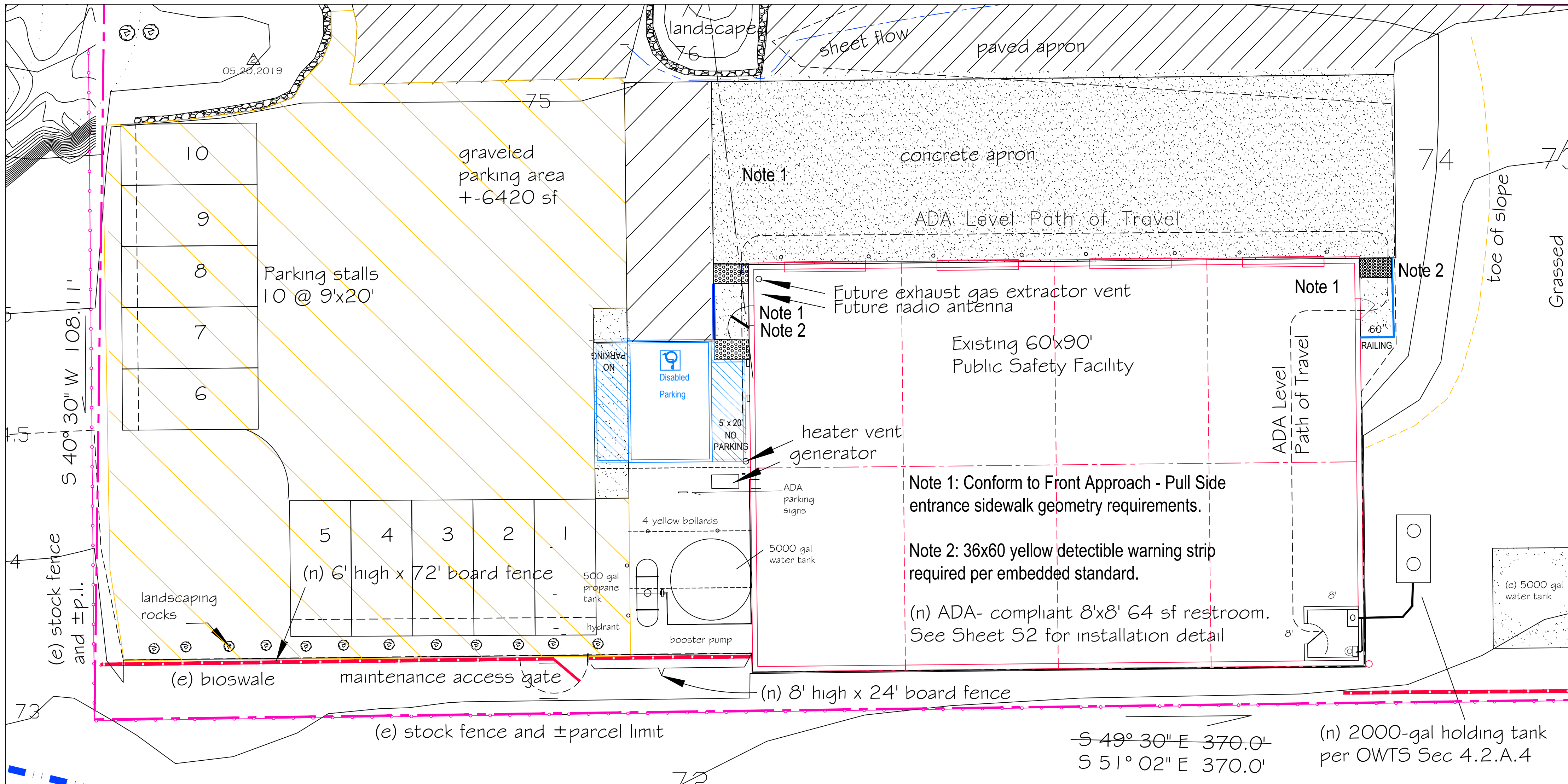
Paul Martin, Vice President  
 Two Rock Fire Department  
 xchief9600@gmail.com  
 707.763.8419  
 707.478.0604 cell

Erickson Engineering Inc.  
 Valley Ford CA 94972-0446  
 707.800.5002 cell  
 lee.erickson@hotmail.com

2024 0128  
 PubSafety.dwg  
 01.28.2024  
 Scale Noted  
 Elevation &  
 Plan Views

**C3**





### LEGEND

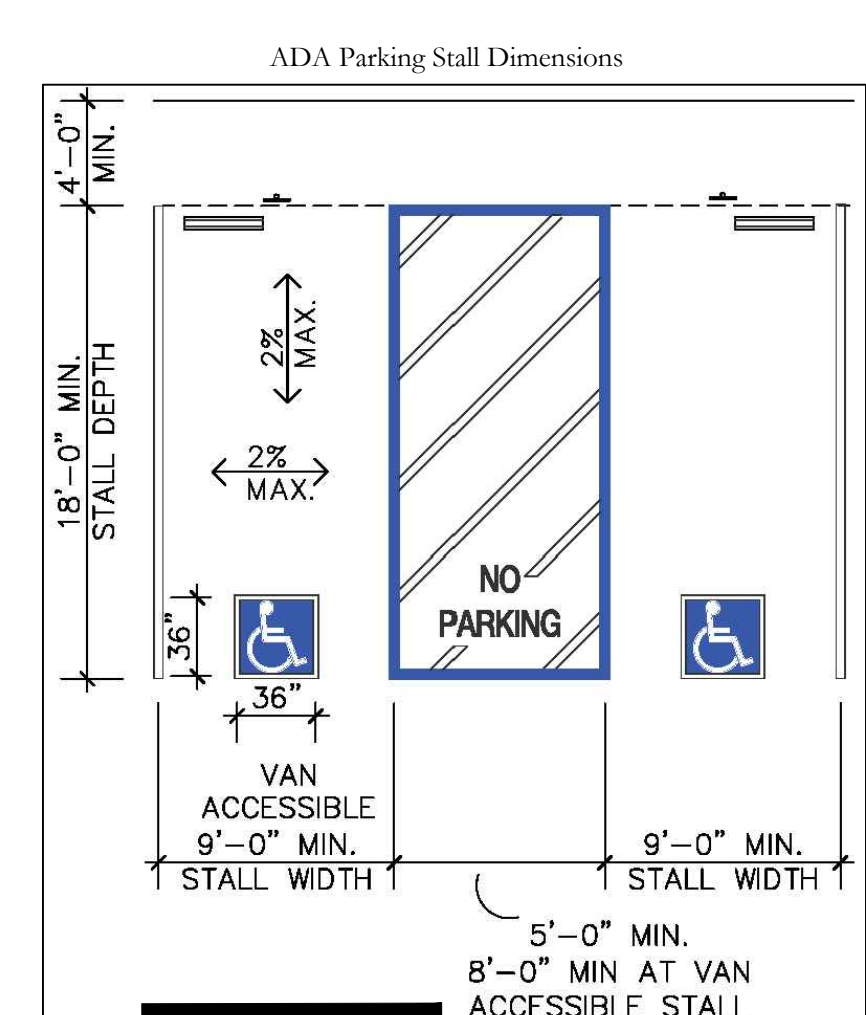
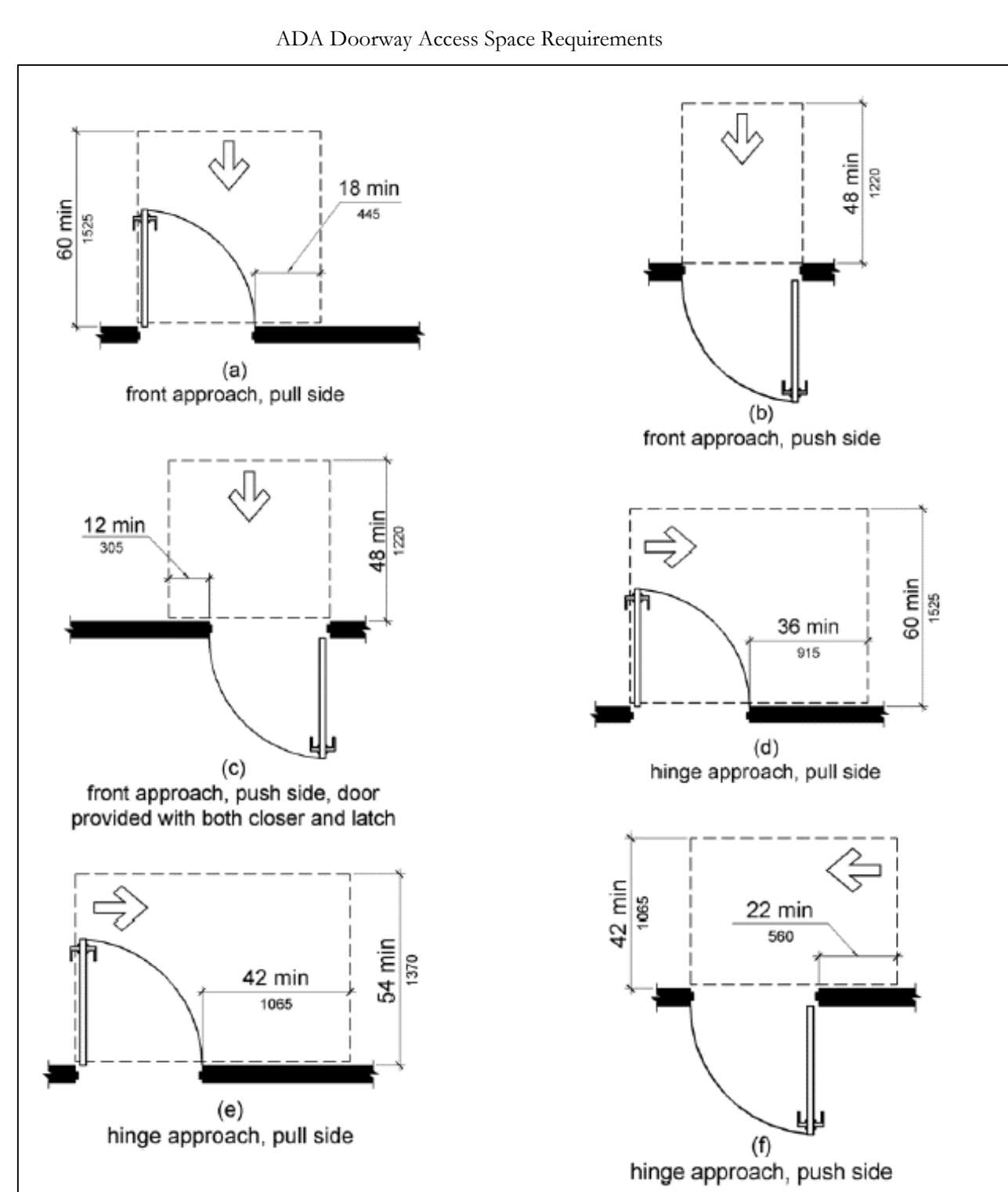
- CONTOURS Existing
- CONTOURS Proposed
- CONTOURS Remove
- BUILDING
- ROCK ARMOR
- FIBER ROLL
- UTILITY POWER
- UNPAVED ROAD
- FENCE
- PARCEL LIMIT ±
- DRAINAGE CHANNEL
- PIPED DRAIN WITH DI
- UTILITY SEPTIC

(e) - existing  
(n) - new  
(typ) - typical  
oc. - acre

i.g. - invert grade  
f.g. - finished grade  
sf - square feet  
ft - feet

Endson Engineering Inc.  
Valley Ford CA 94972-0446  
707.800.5002 cell  
lee.endson@hotmail.com

Public Safety Facility  
ADA Path of Travel  
Construction Details



California Building Code 2016 Section 1129B, Table 11B-6 ADA Parking Stall Requirements 1 space per 25 parking stalls, van accessible.

\* The parking space shall be painted with white contrasting paint border.

\* Provide the international Accessible Parking symbol at 3' square in the center of the parking space with blue backing.

\* The access aisle border shall be painted with accessibility blue and the inner striping lines shall either be blue or white.

\* The "NO PARKING" within the access aisle shall be white using minimum 12" high lettering.

**11B-502.6 Identification.** Parking space identification signs shall include the International Symbol of Accessibility complying with 11B-703.7.2.1. Signs identifying van parking spaces shall contain the designation "van accessible." Signs shall be 60 inches (1524 mm) minimum above the finish floor or ground surface measured to the bottom of the sign.

**EXCEPTION:** Signs located within an accessible route shall be a minimum of 80 inches (2032 mm) above the finish floor or ground surface measured to the bottom of the sign.

**11B-502.6.1 Finish and Size.** Parking identification signs shall be reflectorized with a minimum area of 70 square inches (4516mm<sup>2</sup>)

**11B-502.6.2 Minimum Fine.** Additional language or an additional sign below the International Symbol of Accessibility shall state "Minimum Fine \$250."

**11B-502.6.3 Location.** A parking space identification sign shall be permanently posted immediately adjacent and visible from each parking space, shall be located with its centerline a maximum of 12 inches (305 mm) from the centerline of the parking space and may be posted on a wall at the interior end of the parking space.

**11B-502.8 Additional Signage.** An additional sign shall be posted either in a conspicuous place at either each entrance to an off-street parking facility or immediately adjacent to on-site accessible parking and visible from each parking space.

**11B-502.8.1 Size.** The additional sign shall not be less than 17 inches (432 mm) wide by 22 inches (559 mm) high.

**11B-502.8.2 Lettering.** The additional sign shall clearly state in letters with a minimum height of 1 inch (25 mm) the following:

"Unauthorized vehicles parked in designated accessible spaces not displaying distinguishing placards or special license plates issued for persons with disabilities will be towed away at the owner's expense. Towed vehicles may be reclaimed at Two Rock VFD or by telephoning (707) 477.3020."

California Building Code 2016 Chapter 11B Accessibility to Public Buildings, Public Accommodations, Commercial Buildings and Public Housing

**11B-247.1.2.5 Hazardous vehicular areas**  
If a walk crosses or adjoins a vehicular way, and the walking surfaces are not separated by curbs, railings or other elements between the pedestrian areas and vehicular areas, the boundary between the areas shall be defined by a continuous detectable warning complying with Sections 11B-705.1.1 and 11B-705.1.2.5.

**11B-705 Detectable warnings and detectable directional texture**

**11B-705.1 Detectable warnings**

FIGURE 11B-705.1 SIZE AND SPACING OF TRUNCATED DOMES

**11B-705.1.1 General**  
Detectable warnings shall consist of a surface of truncated domes and shall comply with Section 11B-705.

**11B-705.1.1.3 Color and contrast**  
Detectable warning surfaces at transit boarding platform edges, bus stops, hazardous vehicular areas, reflecting pools, and track crossings shall comply with Section 11B-705.1.1.3.1

**11B-705.1.1.3.1**  
Detectable warning surfaces shall be yellow and approximate FS 33538 of Federal Standard 595C.

**11B-705.1.2.5 Hazardous vehicular areas**  
Detectable warnings at hazardous vehicular areas shall be 36 inches (914 mm) in width.

**Accessibility Notes**

- California State Accessibility Standards, Title 24, American Disability Act applies as related to private construction (and not limited to comments below).
- The Two Rock Volunteer Fire Department building was permitted by Sonoma County under UPE 18-0068 and BLD 19-2620. All applicable ADA requirements for parking and path of travel into the building were documented and met at that time, and are not reproduced for the current work proposal.
- The UPE23-0046 application includes installation of an ADA-compliant restroom inside of the permitted and approved Fire Services building.

Paul Martin, Vice President  
Two Rock Fire Department  
xchief@tworockfire.com  
707.763.9419  
707.475.0604 cell

Lands of:  
APN 022-140-017  
Two Rock Fire Department  
7599 Valley Ford Road, Petaluma CA 94952

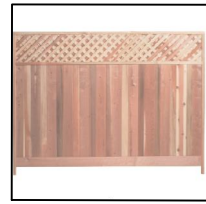
2024 0126  
PubSafety.dwg

01.26.2024

Scale: Noted

Sheet

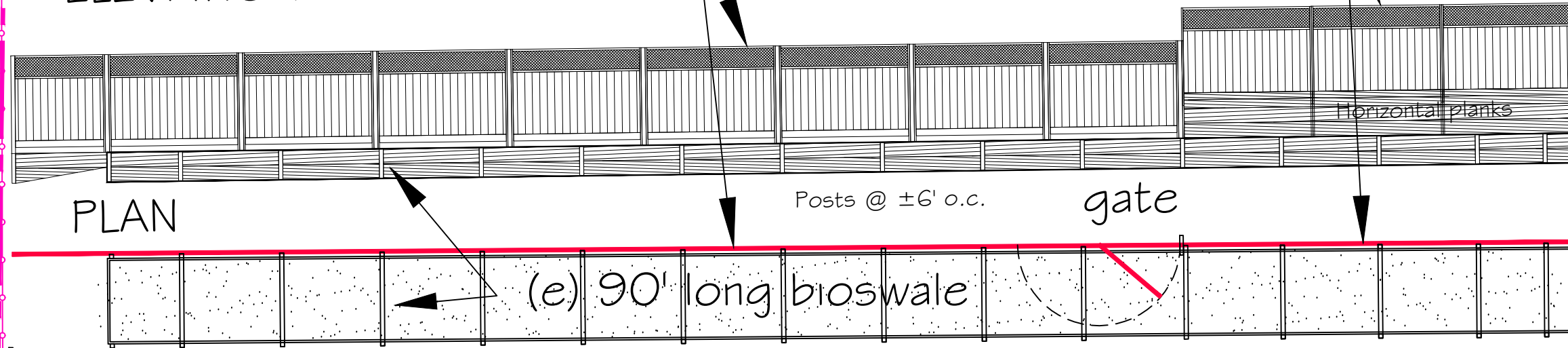
ADA I  
C4



New fence assembled from 6' x 8' prefabricated redwood board panels typ, located at East bioswale wall

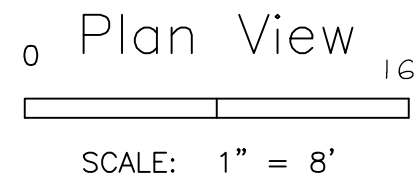
(n) 6' high x 72' board fence  
Posts @ 8' o.c.  
ELEVATION

(n) 8' high x 24' board fence  
Posts @ 8' o.c.



(e) Public Safety Facility

(e) stock wire fence and +-parcel limit



Lands of: APN 022-140-017  
Two Rock Fire Department  
7599 Valley Ford Road, Petaluma CA 94952

UPE23-0046  
Public Safety Facility  
New Wood Fence -  
Plan and Elevation Views

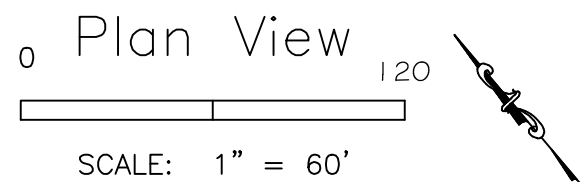
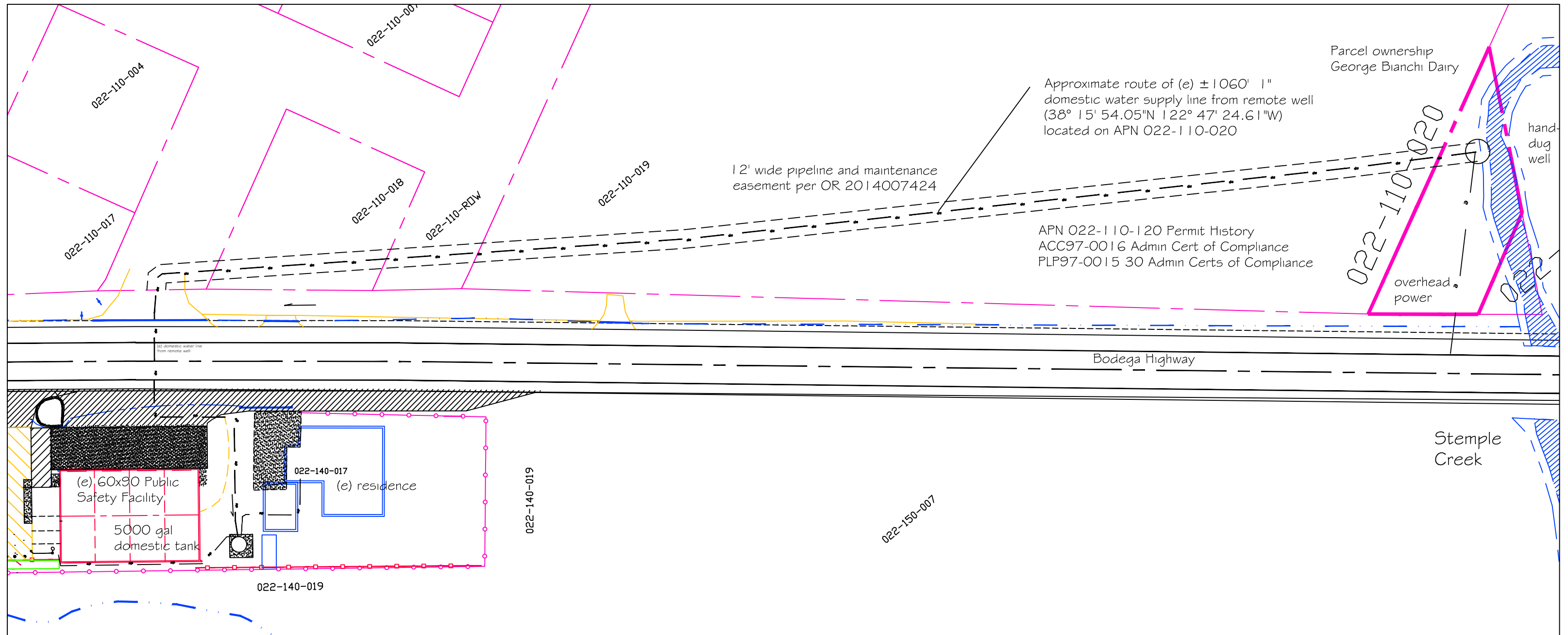
Paul Martin, Vice President  
Two Rock Fire Department  
xchief9600@gmail.com  
707.763.8419  
707.478.0604 cell

Erickson Engineering Inc.  
Valley Ford CA 94972-0446  
707.800.5002 cell  
lee.erickson@hotmail.com

2024 0128  
PubSafety.dwg  
01.28.2024  
1" = 8'  
Fence

C6





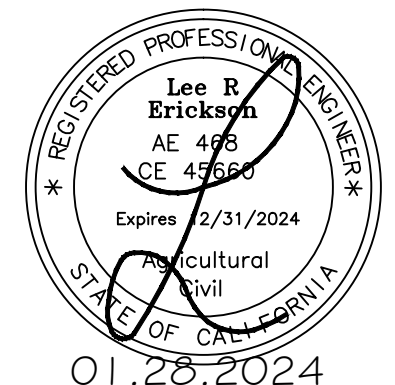
Lands of: APN 022-140-017  
Two Rock Fire Department  
7599 Valley Ford Road, Petaluma CA 94952

UPE23-0046  
Public Safety Facility  
Well Location and  
Water Supply line route  
Plan View

Paul Martin, Vice President  
Two Rock Fire Department  
xchief9600@gmail.com  
707.763.8419  
707.478.0604 cell

Erickson Engineering Inc.  
Valley Ford CA 94972-0446  
707.800.5002 cell  
lee.erickson@hotmail.com

2024 01 28  
PubSafety.dwg  
01.28.2024  
1" = 60'  
Well



C7

01.28.2024