



Midpeninsula Regional  
Open Space District

R-25-62  
Meeting 25-14  
May 14, 2025

**AGENDA ITEM 6**

**AGENDA ITEM**

Approve an Agreement to Exchange Interests in Real Property between City of Palo Alto (City) and Midpeninsula Regional Open Space District (District) related to utility easements. City to quitclaim to District its existing overhead utility easements over a portion of Montebello Road within Monte Bello and Rancho San Antonio Open Space Preserves (Santa Clara County APNs 351-25-014, 351-06-025, 351-09-002 and 351-12-069) in exchange for District granting City an underground utility easement along Montebello Road within Monte Bello and Rancho San Antonio Open Space Preserves (Santa Clara County APNs 351-25-014, 351-06-025, and 351-09-002).

**GENERAL MANAGER'S RECOMMENDATIONS**

*se den*

1. By a unanimous vote of the Board of Directors, adopt a resolution authorizing the General Manager or other appropriate officer to execute the Agreement to Exchange Interests in Real Property between the District and City and all real property documents referenced therein.
2. Amend the Use and Management Plans for Monte Bello and Rancho San Antonio Open Space Preserves to include the exchanged interests in real property.
3. Withhold dedication of the exchanged property interests as public open space at this time.

**SUMMARY**

The General Manager recommends entering into an Agreement to Exchange Interests in Real Property (Agreement) with the City for an exchange of easement rights that provides net benefits to both parties. The exchange will modernize the City of Palo Alto Utilities' (CPAU) utility easements over District property while simultaneously reducing fire risk by undergrounding electrical distribution lines within the foothills of Palo Alto. The City would quitclaim their existing overhead utility easements and any other rights for overhead utility facilities along Montebello Road as it crosses Monte Bello Open Space Preserve and Rancho San Antonio Open Space Preserve (Preserves). In exchange, the District would grant a new easement to the City for underground utility facilities under, across and along Montebello Road as it crosses the Preserves (Attachment 2). This is an exchange of real property interests in which the property interests being acquired by the District are of equal or greater value than the real property being transferred to the City, and it is necessary for the District to acquire the interests for open space purposes. There is no monetary cost to the District. The following report presents a description

and the terms of the proposed exchange of real property interests, an amendment to each Preserve Use and Management Plan, and the environmental review findings.

## DISCUSSION

### *Background*

The City holds three right-of-way and utility easements for overhead electrical lines across Montebello Road as it passes through the former Swanson, Burns, and Stanford (Morrell) properties in Monte Bello Open Space Preserve and the former Winship property in Rancho San Antonio Open Space Preserve (collectively, District Property/Properties). The easements were assigned (transferred) to the City by Pacific Gas and Electric Company in 1977.

At the direction of the California Public Utilities Commission (CPUC), all electric utilities in California have been required to identify areas susceptible to wildfires within their service territory for inclusion on the statewide Fire Threat Map. State legislation subsequently requires all utilities to prepare wildfire mitigation plans outlining procedures they would undertake to mitigate the threat of wildfires associated with overhead electric lines and equipment. In response, the City performed a hazard risk assessment and determined that its service territory west of Interstate 280, including District Property, has an elevated risk of wildfire due to various factors that include wind and topography. As part of their mitigation plan, the City is seeking to underground its existing overhead utility lines and facilities, as well as decommission and remove all existing overhead facilities along Montebello Road within District Property (Project).

The District acquired the 10.72-acre former Swanson property in March 1980 (R-80-7), the 610.52-acre former Burns property in December 1977 (M-77-202), the 693.15-acre former Stanford (Morrell) property in September 1978 (R-78-7), and the 251-acre former Winship property in February 1981 (R-81-5). The District dedicated the properties as park or open space in 1986, 1979, 1979, and 1986, respectively. While the District Properties are dedicated, California Public Resources Code section 5540.5 empowers the Board, by unanimous vote, to approve an exchange of dedicated real property when the Board determines the exchange to be of equal or greater value and necessary for park or open space purposes. Such exchanges are limited to 40 acres per calendar year. This transaction is such an exchange, as the value of undergrounding utilities to minimize wildfire risk, especially along susceptible areas open to the public, is significant.

The City has contracted with MP Nexlevel (Contractor) to complete the Project and will monitor the Contractor closely to ensure District best management practices and traffic control, public safety, and environmental protection measures are followed throughout the entirety of the Project. The new underground conduit for the electrical lines will be installed via directional boring in most areas to limit ground disturbance, and the conduit will be installed under the existing Montebello Road. All utility boxes for future access to the conduit will be adjacent to Montebello Road, and the removal of the existing overhead powerlines and poles will mostly be accomplished from Montebello Road.

***Descriptions of Exchanged Property Interests***

City to District: Under the Agreement, the City would quitclaim (abandon) their existing 4-foot-wide overhead utility easements and any other rights to overhead utility facilities along Montebello Road as it crosses the District Properties (approximately 11,680 linear feet and 46,720 square feet).

District to City: Under the Agreement, the District would convey a 6-foot-wide underground utility easement for the City's underground utility facilities under, across and along Montebello Road as it crosses Monte Bello Open Space Preserve and Rancho San Antonio Open Space Preserve (approximately 10,359 linear feet and 62,154 square feet).

In an effort to speed up the undergrounding project and condense the final easement width that will be conveyed, the Agreement includes a form of license that the District will grant to the City to commence its Project prior to the exchange of permanent property rights. This structure allows the City to install and commission the underground utility system prior to decommissioning and removing the overhead facilities. The District would need to approve the construction plans for the Project prior to work commencing. As a condition of obtaining permanent property rights for its underground utilities, the City is required to comply with agreed-upon best management practices and other requirements (including restoration requirements) for the Project.

**AMENDMENT TO USE AND MANAGEMENT**

This exchange of interests in real property requires amended Use and Management Plans for both Monte Bello Open Space Preserve (Page Mill Road Area) and Rancho San Antonio Open Space Preserve. Amendment of the Use and Management Plans to incorporate the easement exchange with the City would take effect at the close of the transaction and remain effective until further amended. Furthermore, the following amendment would be incorporated into both Use and Management Plans as shown in tracked changes below:

<u>Easement</u>	<u>Conduct regular inspections of the City of Palo Alto's underground utility</u>
<u>Monitoring:</u>	<u>easement area to ensure compliance with the terms of the exchange.</u>

**CEQA COMPLIANCE**

The proposed real property exchange is not a project subject to the California Environmental Quality Act (CEQA). The City of Palo Alto, as lead agency for its wildfire mitigation plan and the Project, is responsible for evaluating the environmental effects of any future undergrounding of utilities along Montebello Road within District Property in accordance with CEQA. The City has filed a Notice of Exemption (File Number ENV25374) for the Project pursuant to CEQA Guidelines 15302.

**TERMS AND CONDITIONS**

As part of the proposed Agreement, the District and City agree to convey the easements to each other at no cost to either party. The easement exchange is of equal or greater value to the District and the public as it serves to mitigate fire risk in a susceptible area on publicly utilized District

Property. Therefore, the exchange is determined to be in accordance with the District's enabling legislation set out in Section 5540.5, pending unanimous vote by the Board.

### **FISCAL IMPACT**

This reciprocal, no-cost exchange of easements has no immediate fiscal impact.

### **PRIOR BOARD AND COMMITTEE REVIEW**

This item was not previously reviewed by the Board or Real Property Committee.

### **PUBLIC NOTICE**

Property owners of land located adjacent to or surrounding the project site have been mailed a copy of the agenda for this meeting. Accordingly, all notice required by the Brown Act and District policy has been provided.

### **NEXT STEPS**

Upon approval by the Board of Directors, the General Manager would execute and carry out the Agreement, License, and Underground Utility Easement. The City will seek to obtain approval of the exchange and associated documents from its Council, anticipated to occur on June 2, 2025. After the City completes its Project, the District will record the Underground Utility Easement and Quitclaim Deed with the County of Santa Clara. The General Manager would also take the next steps identified in the amended Use and Management Plans. The District's Skyline Field Office would continue to patrol and manage the Preserves.

#### **Attachments:**

1. Resolution Authorizing Execution of Exchange Agreement and License Agreement, Authorizing General Manager or Other Officer to Execute the Easement Deed, Authorizing General Manager or Other Officer to Execute Certificate of Acceptance of Grant to District, Authorizing General Manager or General Manager's Designee and General Counsel to Execute any and all Other Documents Necessary or Appropriate to Closing of the Transaction (Monte Bello and Rancho San Antonio Open Space Preserves)
2. Overall Project Location Map

#### **Responsible Department Manager:**

Allen Ishibashi, Real Property Manager, Real Property Department

#### **Prepared by:**

Jasmine Leong, Real Property Specialist II, Real Property Department

#### **Graphics prepared by:**

Anna Costanza, GIS Technician

RESOLUTION NO. 25-\_\_

**RESOLUTION OF THE BOARD OF DIRECTORS OF THE MIDPENINSULA REGIONAL OPEN SPACE DISTRICT AUTHORIZING ACCEPTANCE OF EXCHANGE AGREEMENT AND LICENSE AGREEMENT, AUTHORIZING GENERAL MANAGER OR OTHER OFFICER TO EXECUTE THE EASEMENT DEED, AUTHORIZING GENERAL MANAGER OR OTHER OFFICER TO EXECUTE CERTIFICATE OF ACCEPTANCE OF GRANT TO DISTRICT, AUTHORIZING GENERAL MANAGER OR GENERAL MANAGER’S DESIGNEE AND GENERAL COUNSEL TO EXECUTE ANY AND ALL OTHER DOCUMENTS NECESSARY OR APPROPRIATE TO CLOSING OF THE TRANSACTION (MONTE BELLO AND RANCHO SAN ANTONIO OPEN SPACE PRESERVES).**

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The Board of Directors of Midpeninsula Regional Open Space District does hereby resolve as follows:

**SECTION ONE.** The Board of Directors of the Midpeninsula Regional Open Space District (District) does hereby accept the offer contained in that certain Exchange Agreement (Agreement) between the City of Palo Alto Utilities (City) and the District, a copy of which Agreement is attached hereto and by reference made a part hereof, and authorizes the President of the Board of Directors, General Manager, or other appropriate officer to execute the Agreement, License Agreement, and all related transactional documents on behalf of the District to acquire and exchange the real property described therein.

**SECTION TWO.** The General Manager, President of the Board of Directors, or other appropriate officer is authorized to execute the easement deed to the City.

**SECTION THREE.** The General Manager, President of the Board of Directors, or other appropriate officer is authorized to execute a Certificate of Acceptance for the City’s quitclaim deed to the District.

**SECTION FOUR.** The General Manager or the General Manager’s designee is authorized to provide notice of acceptance to City, execute all title and escrow documents, and to extend escrow if necessary.

**SECTION FIVE.** The Board of Directors finds and determines that, pursuant to Section 5540.5 of the California Public Resources Code, the granting and acceptance of the easement interests are consistent with Public Resources Code 5540.5, and that the real properties being acquired by the District are of equal or greater value than the real property being transferred to City, and are necessary to be acquired for open space purposes.

**SECTION SIX.** The General Manager and General Counsel are further authorized to approve any technical revisions to the attached Agreement and documents, which do not involve any material change to any term of the Agreement or documents, which are necessary or appropriate to the closing or implementation of this transaction.

\* \* \* \* \*

**PASSED AND ADOPTED** by the Board of Directors of the Midpeninsula Regional Open Space District on May 14, 2025, at a regular meeting thereof, by the following vote:

**AYES:**  
**NOES:**  
**ABSTAIN:**  
**ABSENT:**

**ATTEST:**

**APPROVED:**

\_\_\_\_\_  
Zoe Kersteen-Tucker, Secretary  
Board of Directors

\_\_\_\_\_  
Jed Cyr, President  
Board of Directors

**APPROVED AS TO FORM:**

\_\_\_\_\_  
Hilary Stevenson, General Counsel

I, the District Clerk of the Midpeninsula Regional Open Space District, hereby certify that the above is a true and correct copy of a resolution duly adopted by the Board of Directors of the Midpeninsula Regional Open Space District by the above vote at a meeting thereof duly held and called on the above day.

\_\_\_\_\_  
Maria Soria, District Clerk

\* \* \* \* \*

EXCHANGE AGREEMENT  
BETWEEN CITY OF PALO ALTO AND MIDPENINSULA REGIONAL OPEN SPACE  
DISTRICT

This exchange agreement (hereinafter, "Agreement") is made as of \_\_\_\_\_ ("Effective Date") by and between the Midpeninsula Regional Open Space District, a California special district (hereinafter "District"), and City of Palo Alto, a California chartered municipal corporation (hereinafter "City"), each of whom may be referred to individually as a "Party" and collectively as the "Parties."

RECITALS

WHEREAS, the District is the owner of certain real property situated in the unincorporated County of Santa Clara, State of California, within Monte Bello Open Space Preserve and Rancho San Antonio Open Space Preserve, Assessor's Parcel Numbers 351-25-014, 351-06-025, 351-09-002 and 351-12-069, as depicted in Exhibit A attached hereto and incorporated herein by this reference (the "District Property"); and

WHEREAS, the City holds right-of-way and utility easements for electric distribution lines across the District Property, as assigned by Pacific Gas and Electric Company from Louis Oneal, Inc. ("Easement 1"), Bertha Hayes ("Easement 2"), and George Morell ("Easement 3"), which are attached hereto as Exhibit B and incorporated herein by this reference (collectively, the "Existing Utility Easements"); and

WHEREAS, the City has determined that its utility service territory west of Interstate 280, including the District Property, has an elevated risk of wildfire and therefore seeks to perform a project to convert its overhead utility facilities to underground utility facilities along Montebello Road within the District Property (the "Project"); and

WHEREAS, the City has prepared a plan depicting: (1) the new underground electric distribution and fiber optic communications lines, fixtures and other appurtenances under, across and along Montebello Road as it crosses District Property, and (2) the existing overhead electric utility facilities, lines, poles, fixtures and other appurtenances on the District Property, which plan is attached hereto as Exhibit C and incorporated herein by reference ("Alignment Plan"); and

WHEREAS, the District and City desire to exchange and transfer certain real property interests as set forth in this Agreement; and

WHEREAS, District has determined that said exchange of interests in real property is of equal or greater value to the public and, said exchange has been determined to be in accordance with the District's enabling legislation set out at Section 5540.5 of the Public Resources Code of the State of California;

NOW, THEREFORE, the parties mutually agree as follows:

1. INCORPORATION OF RECITALS.

The above Recitals and the exhibits attached to this Agreement are hereby incorporated herein and made a part hereof.

2. EXCHANGE AGREEMENT.

The District and City agree to the following exchange of real property interests, to be effective as of the Closing (defined below):

- a. Grant of Underground Utility Easements from District to City: District hereby agrees to grant an easement and right of way for the City to construct, maintain, repair, replace and upgrade underground utility facilities and appurtenances thereto under, across and along Montebello Road as it crosses the District Property, in the form of easement agreement set forth in Exhibit D attached hereto and incorporated herein by reference ("Underground Utility Easement").
- b. Abandonment of Existing Utility Easements: City hereby agrees to quitclaim to District all right, title and interest in the Existing Utility Easements and any other rights to overhead utility facilities on District Property, including any rights of way in connection therewith, in the form of quitclaim deed set forth in Exhibit E attached hereto and incorporated herein by reference ("Quitclaim Deed").

3. LICENSE AGREEMENT.

To allow the City to commence its undergrounding project prior to Closing, the District and City shall execute a license agreement in the form attached hereto as Exhibit F and incorporated herein by reference ("License Agreement"). The District's acceptance of the Project in accordance with the License Agreement is a condition precedent to Closing.

4. TERM and CLOSING.

This Agreement shall commence on the Effective Date and shall terminate on the date of the Closing. The closing date ("Closing") shall be the recordation date of the Underground Utility Easement and Quitclaim Deed in Santa Clara County. Following City's preparation of a legal description and plat map of the Underground Utility Easement by a licensed surveyor, City shall promptly deliver executed copies of the Underground Utility Easement and Quitclaim Deed to District for recording. Within ten (10) business days of the Effective Date, City shall deliver an executed copy of the License Agreement to District. Closing shall occur after the satisfaction of all the following conditions:

- a. City shall have completed the installation and commissioning of the underground utility facilities;
- b. City shall have decommissioned, removed and disposed of existing overhead utility facilities, lines, poles and related fixtures on the District Property as specified in the License Agreement;
- c. City shall have repaired and restored any portion of the District Property damaged or disturbed in carrying out the Project as specified in the License Agreement;

- d. District shall have provided written acceptance of the Project, which shall not be unreasonably withheld; and
- e. Following District's acceptance of the Project, City shall have prepared a legal description and plat map of the Underground Utility Easement by a licensed surveyor and provided it to the District for its approval, which approval shall not be unreasonably withheld. Following District's approval of the legal description and plat map, City shall deliver the plat map and legal description to District to include as part of the recorded Underground Utility Easement.

Within ten (10) business days following completion of the Project and the Parties' mutual agreement that the above conditions to Closing have been satisfied, the District shall execute and concurrently record the Underground Utility Easement and Quitclaim Deed in Santa Clara County.

5. REPRESENTATIONS AND WARRANTIES.

For the purpose of consummating this exchange of interests in real property contemplated herein, each party represents and warrants to the other party, each of which is material, are being relied upon by the Parties, and shall survive the recording of the property rights being exchanged and conveyed herein.

- a. Authority. The Parties have the full right, power and authority to enter into this Agreement and to perform the transactions contemplated hereunder.
- b. Valid and Binding Agreements. This Agreement and all other documents delivered by the Parties have been or will be duly authorized and executed and delivered by the Parties as legal, valid and binding obligations of the Parties to complete this exchange and conveyance of real property.

6. PAYMENT OF COSTS AND FEES. District shall pay any required recording costs and fees for the Underground Utility Easement and Quitclaim Deed. City shall pay the costs of preparing the legal description and plat map. Each Party shall be responsible for any other costs it incurs in performing this Agreement, unless specified herein to the contrary or otherwise agreed by the Parties in writing.

7. "AS-IS" CONVEYANCE. All Parties are acquiring the respective real property interests on an "As-Is" basis, without warranties, express or implied, regarding the physical condition of the properties to be exchanged. All Parties shall rely on their own inspections of the respective property interests.

8. MISCELLANEOUS PROVISIONS.

- a. Choice of Law. The laws of the State of California, regardless of any choice of law principles, shall govern the validity of this Agreement, the construction of its terms and the interpretation of the rights and duties of the Parties.

- b. Amendment. The Parties hereto may by mutual written agreement amend this Agreement in any respect.
- c. Rights Cumulative. Each and all of the various rights, powers and remedies of the Parties shall be considered to be cumulative with and in addition to any other rights, powers and remedies which the Parties may have at law or in equity in the event of the breach of any of the terms of this Agreement. The exercise or partial exercise of any right, power or remedy shall neither constitute the exclusive election thereof nor the waiver of any other right, power or remedy available to such Party.
- d. Notice. Whenever any Party hereto desires or is required to give any notice, demand, or request with respect to this Agreement, each such communication shall be in writing and shall be deemed to have been validly served, given or delivered at the time stated below if deposited in the United States mail, registered or certified and return receipt requested, with proper postage prepaid, or if delivered by Federal Express or other private messenger, courier or other delivery service and addressed as indicated as follows:

City: City of Palo Alto  
Attn: Utilities Department, Electric Engineering  
250 Hamilton Avenue  
Palo Alto, CA 94301  
TEL: (650) 329-2161

With a copy to:

City of Palo Alto  
Attn: Real Property Manager  
250 Hamilton Avenue  
Palo Alto, CA 94301

District: Midpeninsula Regional Open Space District  
Attn: Real Property Manager  
5050 El Camino Real  
Los Altos, CA 94022-1404  
TEL: (650) 691-1200

Service of any such communication made only by mail shall be deemed complete on the date of actual delivery as indicated by the addressee's registry or certification receipt or at the expiration of the third (3rd) business day after the date of mailing, whichever is earlier in time. Either Party hereto may from time to time, by notice in writing served upon the other as aforesaid, designate a different mailing address or a different person to whom such notices or demands are thereafter to be addressed or delivered. Nothing contained in this Agreement shall excuse either Party from giving oral notice to the other when prompt notification is appropriate, but any oral notice given shall not satisfy the requirements provided in this Section.

- e. Severability. If any of the provisions of this Agreement are held to be void or unenforceable by or as a result of a determination of any court of competent jurisdiction, the decision of which is binding upon the parties, the Parties agree that such determination shall not result in the nullity or unenforceability of the remaining portions of this Agreement. The Parties further agree to replace such void or unenforceable provisions, which will achieve, to the extent possible, the economic, business, and other purposes of the void or unenforceable provisions.
- f. Counterparts. This Agreement may be executed in separate counterparts, each of which shall be deemed as an original, and when executed, separately or together, shall constitute a single original instrument, effective in the same manner as if the parties had executed one and the same instrument. In the event of any disparity between the counterparts produced, the recorded counterpart shall be controlling.
- g. Waiver. No waiver of any term, provision or condition of this Agreement, whether by conduct or otherwise, in any one or more instances, shall be deemed to be, or be construed as, a further or continuing waiver of any such term, provision or condition or as a waiver of any other term, provision or condition of this Agreement.
- h. Entire Agreement. This Agreement, including its recitals and exhibits, is intended by the Parties to be the final expression of their agreement; it embodies the entire agreement and understanding between the Parties hereto; it constitutes a complete and exclusive statement of the terms and conditions thereof, and it supersedes any and all prior correspondence, conversations, negotiations, agreements or understandings relating to the same subject matter.
- i. Time of the Essence. Time is of the essence of each provision of this Agreement in which time is an element.
- j. Survival. All covenants of District or City which are expressly intended hereunder to be performed in whole or in part after the Closing, and all representations and warranties by either Party to the other, shall survive the Closing and be binding upon and inure to the benefit of the respective Parties hereto and their respective heirs, successors and permitted assigns.
- k. Terms Run with the Land. The terms, covenants and conditions set out in this Agreement shall run with the land and be binding upon and inure to the benefit of the successors and assigns of the Parties hereto pursuant to California Civil Code Section 1468.
- l. Assignment. Except as expressly permitted herein, neither Party to this Agreement shall assign its rights or obligations under this Agreement to any third party without the prior written approval of the other Party.
- m. Further Documents and Acts. Each of the Parties hereto agrees to execute and deliver such further documents and perform such other acts as may be reasonably necessary or appropriate to consummate and carry into effect the transactions described and contemplated under this Agreement.

- n. Captions. Captions are provided herein for convenience only and they form no part of this Agreement and are not to serve as a basis for interpretation or construction of this Agreement, nor as evidence of the intention of the Parties hereto.
- o. Pronouns and Gender. In this Agreement, if it be appropriate, the use of the singular shall include the plural, and the plural shall include the singular, and the use of any gender shall include all other genders as appropriate.

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IN WITNESS WHEREOF, the Parties have executed this agreement below on the day and year shown therewith.

DISTRICT:

Midpeninsula Regional Open Space District,  
a California special district

CITY:

City of Palo Alto,  
a California chartered municipal corporation

By: \_\_\_\_\_

Ana M. Ruiz, General Manager

By: \_\_\_\_\_

City Manager or Designee

\_\_\_\_\_  
Date

\_\_\_\_\_  
Date

ATTEST:

ATTEST:

\_\_\_\_\_  
Maria Soria, District Clerk

\_\_\_\_\_  
City Clerk

\_\_\_\_\_  
Date

\_\_\_\_\_  
Date

APPROVED AS TO FORM:

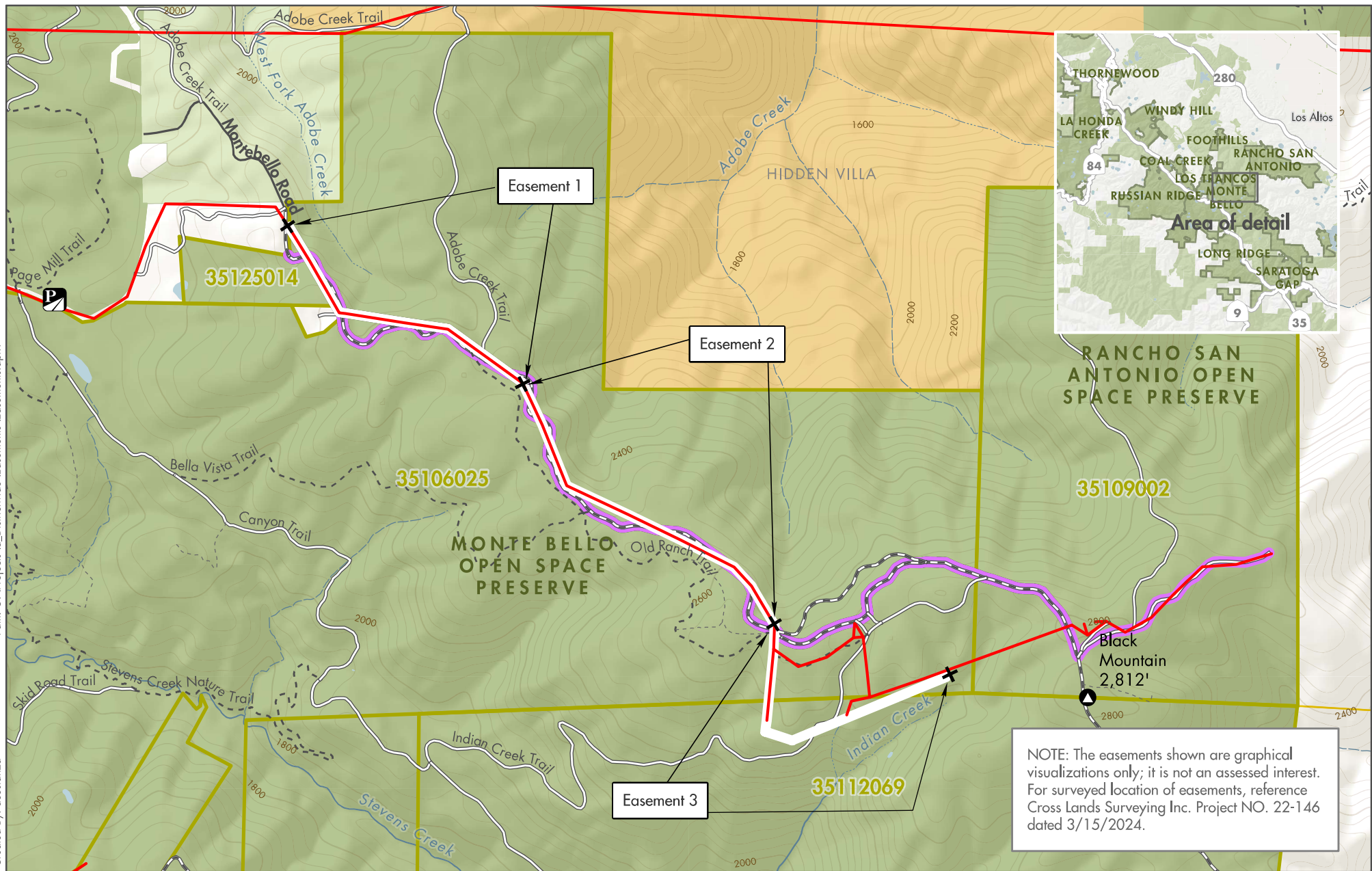
APPROVED AS TO FORM:

\_\_\_\_\_  
Hilary Stevenson, General Counsel

\_\_\_\_\_  
City Attorney or designee

**List of Attachments**

- Exhibit A – Project Area Map
- Exhibit B – Existing Utility Easements
- Exhibit C – City Alignment Plans
- Exhibit D – Form of Underground Utility Easement
- Exhibit E – Form of Quitclaim Deed
- Exhibit F – Form of License Agreement



## Exhibit A - Project Area Map

- |                       |                         |
|-----------------------|-------------------------|
| Midpen preserves      | Trail                   |
| Other protected lands | Unpaved all-season road |
| Private property      | Unpaved seasonal road   |
| County parcel         | Paved road              |

- |  |   |
|--|---|
|  | Proposed underground utility easement (MROSD to grant to City of Palo Alto) |
|  | Existing overhead utility easement (City of Palo Alto to vacate)            |
|  | Existing overhead electrical line   |

Midpeninsula Regional  
Open Space District  
(Midpen)  
4/3/2025



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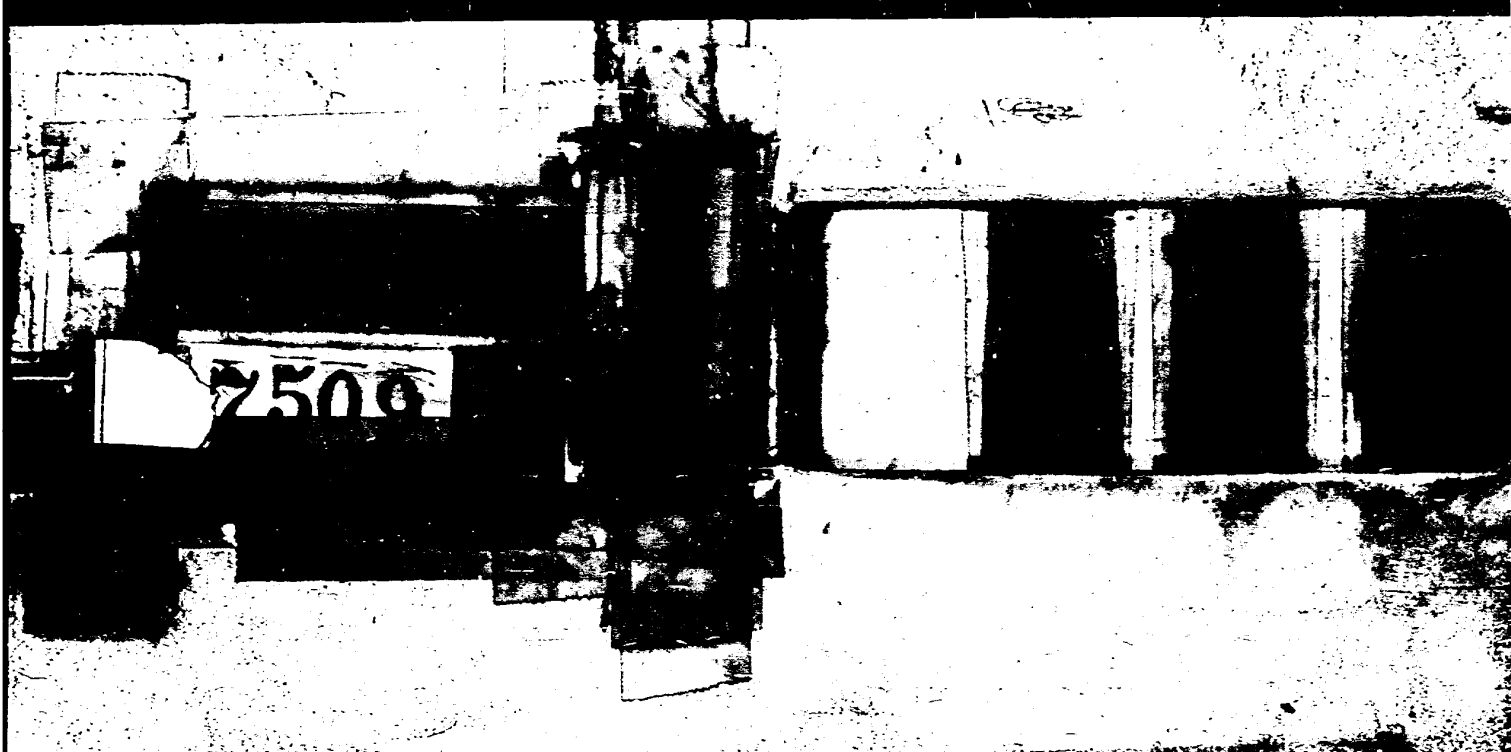


Exhibit B - Existing Utility Easements

BCCN 7509 PAGE 170

3119245

AFTER RECORDING, RETURN TO:

FOR RECORDER'S USE ONLY

3/ City of Palo Alto  
1313 NEWELL St. H. J. DAL  
Palo Alto, Calif

OFFICIAL RECORDS  
SANTA CLARA COUNTY  
PAUL R. TELLM  
RECORDER

SEP 19 9 28 AM 1966

FILED FOR RECORD  
AT REQUEST OF

3119245  
BCCN 7509  
PAGE 170

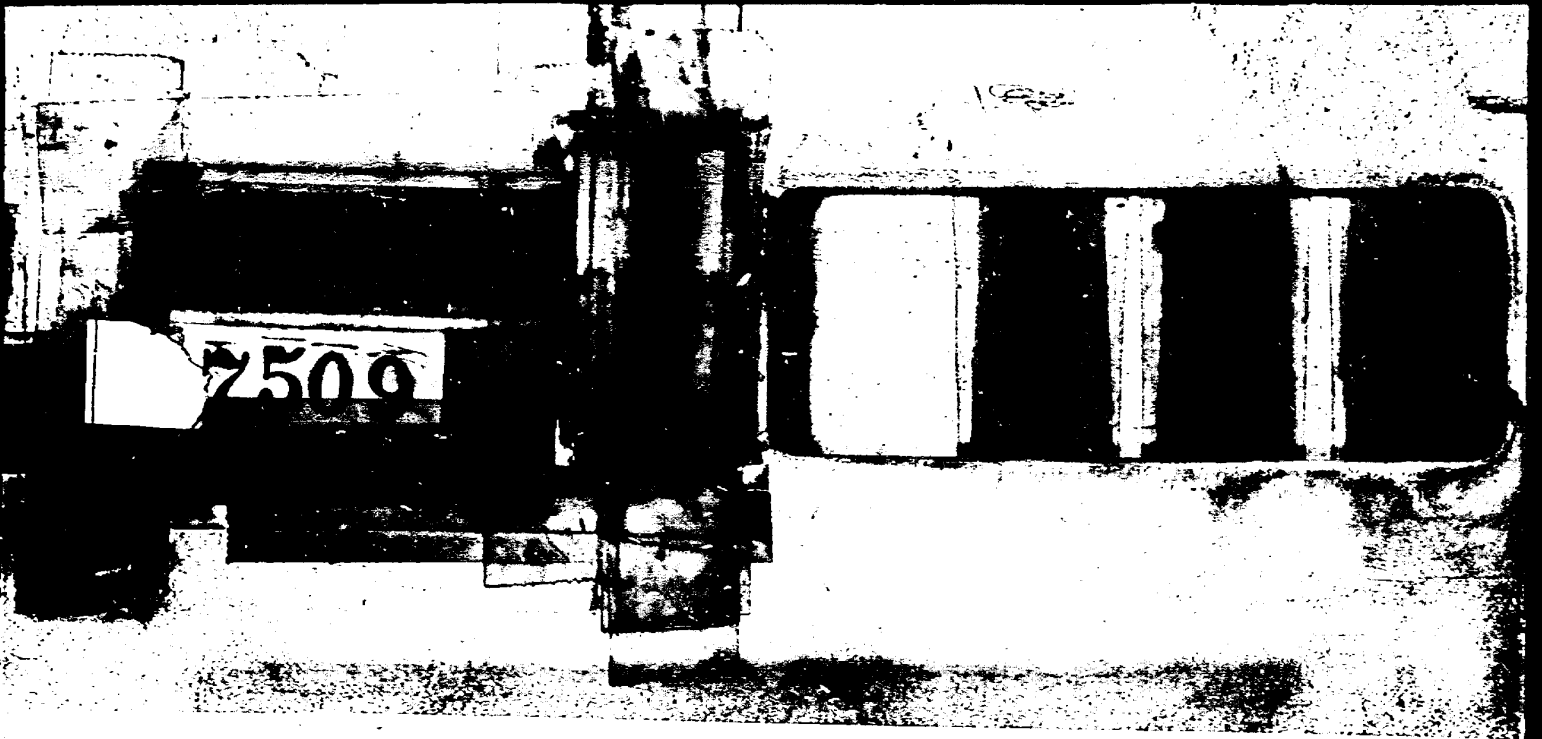
ASSIGNMENT

KNOW ALL MEN BY THESE PRESENTS:

That PACIFIC GAS AND ELECTRIC COMPANY, a California corporation, for good and valuable consideration to it in hand paid by CITY OF PALO ALTO, a municipal corporation, receipt of which is hereby acknowledged, has sold, assigned, transferred and set over, and does hereby sell, assign, transfer and set over unto City of Palo Alto all of its right, title and interest in, to and under the following grants of right of way:

1. Parts 3 and 4 described in the deed from Louis Oneal, Inc. to Pacific Gas and Electric Company dated May 1, 1929 and recorded in the office of the County Recorder of the County of San Mateo, State of California, in Volume 410 of Official Records at page 365 and recorded in the office of the County Recorder of the County of Santa Clara, State of California, in Volume 619 of Official Records at page 406.
2. The deed from Hugh L. Gottfried and others to Pacific Gas and Electric Co. and the Pacific Telephone and Telegraph Company dated October 9, 1958 and recorded in the office of the County Recorder of said County of Santa Clara in Volume 4238 of Official Records at page 400.
3. The deeds to Pacific Gas and Electric Company recorded in the office of the County Recorder of said County of Santa Clara.

<u>Grantor</u>	<u>Date</u>	<u>Recording</u>
Louis Oneal and wife	8-14-41	Volume 1048 of O. R., page 569
Louis Oneal, Inc.	8-14-41	Volume 1053 of O.R., page 538
Henry Dillon Winship and Edgar T. Zooh	8-26-41	Volume 1052 of O. R., page 552



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<u>Grantor</u>	<u>Date</u>	<u>Recording</u>
Bertha A. Hayes	8-14-41	Volume 1048 of O.R., page 567
George F. Morell and wife	8-26-41	Volume 1048 of O.R., page 562
Henry Dillon Winship and Katherine Winship Hayes	1-7-58	Unrecorded

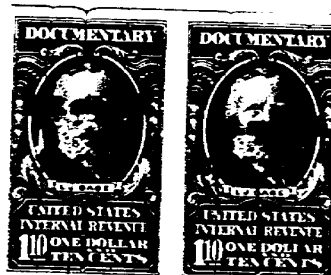
This assignment is executed pursuant to authorization contained in the order of the California Public Utilities Commission in Decision No. 69580 which was issued on August 24, 1965.

IN WITNESS WHEREOF the grantor herein has executed these presents this 30th day of June, 1966.

PACIFIC GAS AND ELECTRIC COMPANY

By J. G. Smith  
Its Vice President-Personnel and General Services

And By R. R. Wainband  
Its Secretary



APPROVED AS TO FORM

Aug 15 1966  
John F. Scholster  
CITY ATTORNEY

7509

62-4203 5-64 (CORPORATION)

STATE OF CALIFORNIA

City and County of San Francisco

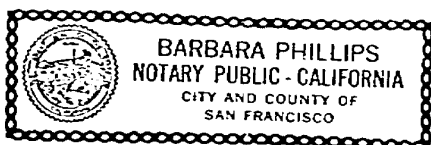
ss.

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On this 1 day of July, in the year 1966, before me, Barbara Phillips  
a Notary Public in and for the said City and County, duly commissioned and sworn, personally appeared  
J. G. Smith and E. E. Manhard

known to me to be the Vice President-Personnel and General Services, and the Secretary

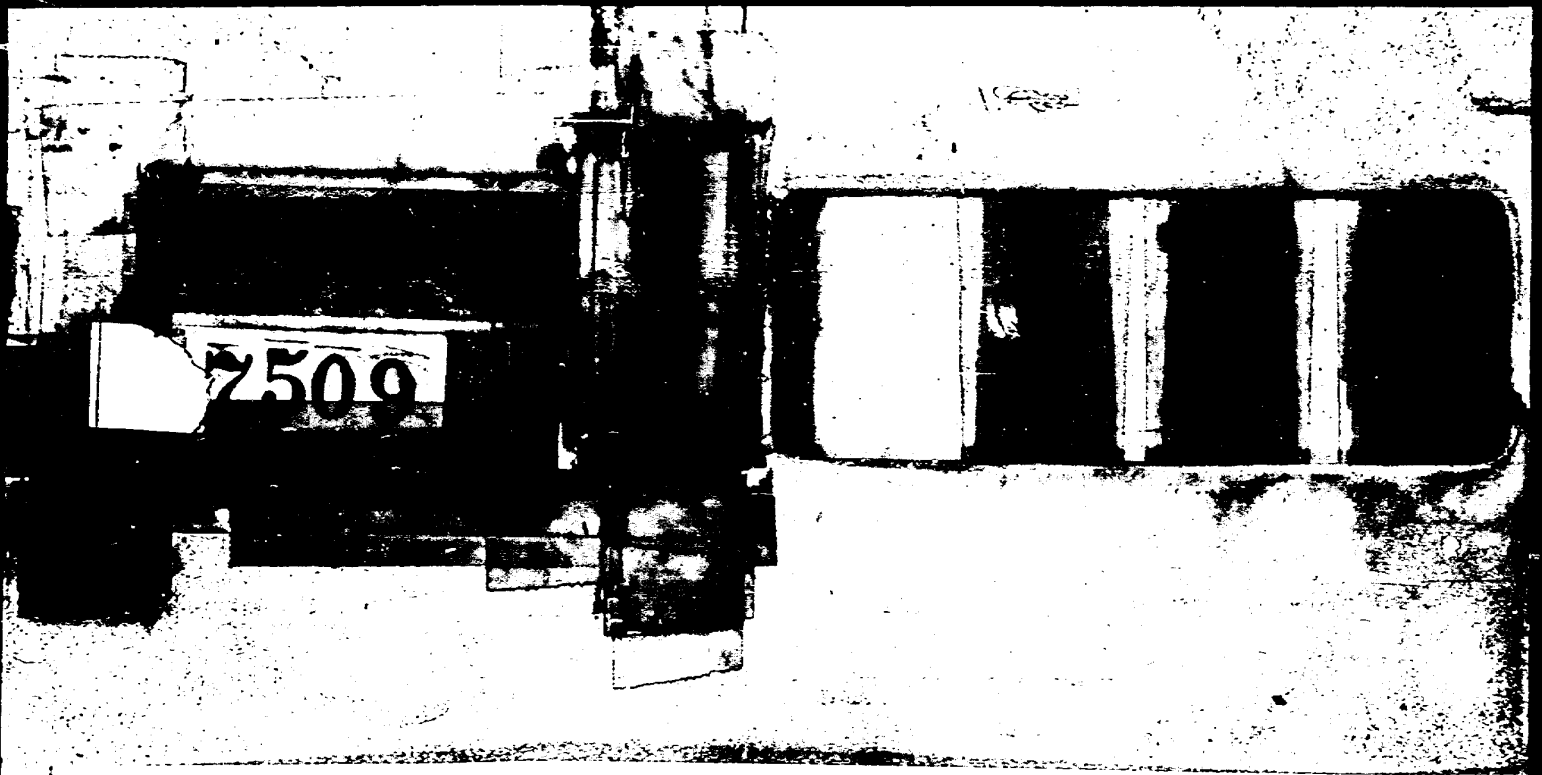
of the corporation that executed the within instrument, and to be the persons who executed the  
said instrument on behalf of said corporation therein named, and acknowledged to me that such  
corporation executed the within instrument pursuant to its by-laws or a resolution of its board of  
directors.



IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal in  
the City and County of San Francisco, the day and  
year in this certificate first above written.

Barbara Phillips  
Barbara Phillips

Notary Public in and for the City and County of San Francisco, State of California  
My Commission Expires June 1, 1968

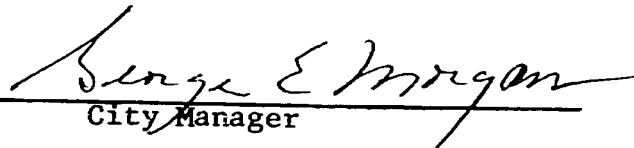


BOOK 7509 PAGE 173

CERTIFICATE OF ACCEPTANCE

This is to certify that the obligations and interest in real property conveyed by the Assignment of rights of way from Pacific Gas and Electric Company dated June 30, 1966 to the City of Palo Alto, a municipal corporation, is hereby accepted by the undersigned officer on behalf of the Council pursuant to authority conferred by resolution of the Council adopted on December 23, 1957 and the City of Palo Alto consents to recordation thereof by its duly authorized officer.

Dated August 25 1966.

  
City Manager

AFTER RECORDING MAIL TO:

City Clerk  
City of Palo Alto  
1313 Newell Road  
Palo Alto, California









LOCATION 17 - LB30070

## INSTALL

1 - 3' X 5' CPA3546 PRIMARY VAULT UNDER 4'  
X 6' LOAD BREAK PAD 30070  
1 - 4' X 6' LOAD BREAK PAD 30070  
1 - 30" X 48" PG3048 OR SIMILAR INNER SIZE  
FIBER BOX WITH FULL TRAFFIC TOP

## LOCATION 18 - PB40406

## INSTALL

1 - 3' X 5' CPA3546 PRIMARY VAULT #40406  
WITH FULL TRAFFIC COVER  
1 - 30" X 48" PG3048 OR SIMILAR INNER SIZE  
FIBER BOX WITH FULL TRAFFIC TOP

## LOCATION 19 - XFMR PAD

## INSTALL

1 - 54" X 60" XFMR PAD

## LOCATION 20 - PB40409

## INSTALL

1 - 3' X 5' CPA3546 PRIMARY VAULT #40409  
WITH FULL TRAFFIC COVER  
1 - 30" X 48" PG3048 OR SIMILAR INNER SIZE  
FIBER BOX WITH FULL TRAFFIC TOP

## CPAU CONDUIT INSTALLATION

BETWEEN LOCATION 16 & 17  
 ~550' - 2-3.63" PRIMARY CONDUIT FROM NEW  
 PB 40416 TO NEW LB 30070  
 ~550' - 1- 3.63" FIBER CONDUIT FROM NEW  
 FIBER BOX TO NEW FIBER BOX

BETWEEN LOCATION 17 &amp; 18

~275' - 1-3.63" PRIMARY CONDUIT FROM NEW  
LB30070 TO NEW PB 40406

~275' - 1- 3.63" FIBER CONDUIT FROM NEW  
FIBER BOX TO NEW FIBER BOX

BETWEEN LOCATION 18 &amp; 19

~10' - 1-3.63" PRIMARY CONDUIT FROM NEW  
PB 40406 TO NEW XFMR PAD

BETWEEN LOCATION 19 &amp; 19A

~60' - 1-3.63" SECONDARY CONDUIT FROM  
NEW XFMR PAD TO EXISTING JUNCTION  
BOX

BETWEEN LOCATION 17 &amp; 20

~700' - 2-3.63" PRIMARY CONDUIT FROM NEW  
LB 30070 TO NEW PB 40409  
~700' - 1- 3.63" FIBER CONDUIT FROM NEW  
FIBER BOX TO NEW FIBER BOX

NO WORK TO BE DONE PAST LOCATION 19 UNTIL  
APPROVAL FROM CPAU ENGINEERING FOR  
EASEMENT RELOCATION. DRAWINGS INCLUDED  
FOR REFERENCE ONLY

### LEGEND

- RED- NEW, INSTALL ELECTRICAL
- MAGENTA- NEW, INSTALL FIBER
- GREEN - REMOVE
- BLACK-EXISTING

DESIGNED BY: Patrick Valath  
CP-0803/3774281

APPROVED \_\_\_\_\_

**P.VALATH**  
 SR. ENGINEER / MANAGER

ENGR.	<b>P. VALATH</b>	DR
DRWN	<b>A. RIDS</b> Grossman	DC
CHKD.	<b>P. VALATH</b>	DB

FOOTHILL FIRE MITIGATION PROJECT  
PHASE 4  
MP NEXTLEVEL SUBSTRUCTURE



City of Palo Alto  
California  
UTILITIES, ELECTRIC ENGINEERING

DATE	APPR.	DESCRIPTION	
MAP #	CKT #	SCALE	W.O.# / DRAWING #
---	HV-20	NTS	40027598
		SHEET	5 OF 10



**CALL TWO WORKING DAYS  
BEFORE YOU DIG**

**1-800-227-2600**  
**UNDERGROUND SERVICE ALERT**

## LOCATION 20 - PB40409

INSTALL  
1- 3' X 5' CPA3546 PRIMARY VAULT #40409  
WITH FULL TRAFFIC COVER  
1- 30" X 48" PG3048 OR SIMILAR INNER SIZE  
FIBER BOX WITH FULL TRAFFIC TOP

## LOCATION 21 - PB40405

**INSTALL**  
**1 - 3' X 5' CPA3546 PRIMARY VAULT #40405**  
**WITH FULL TRAFFIC COVER**  
**1 - 30" X 48" PG3048 OR SIMILAR INNER SIZE**  
**FIBER BOX WITH FULL TRAFFIC TOP**

LOCATION 22 - PB40404

**INSTALL**  
**1 - 3' X 5' CPA3546 PRIMARY VAULT #40404**  
**WITH FULL TRAFFIC COVER**  
**1 - 30" X 48" PG3048 OR SIMILAR INNER SIZE**  
**FIBER BOX WITH FULL TRAFFIC TOP**

## LOCATION 23 - PB40403

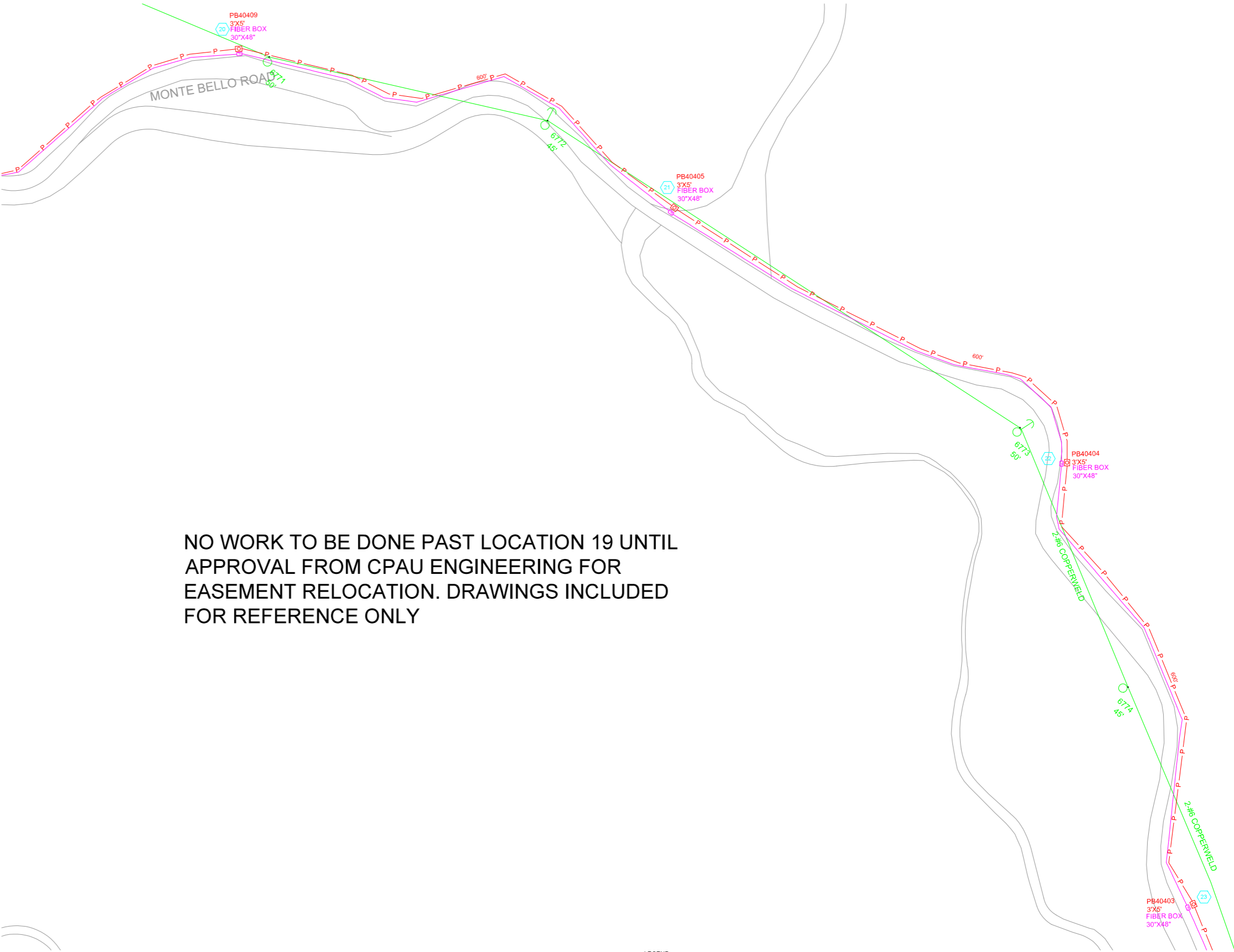
**INSTALL**  
**1 - 3' X 5' CPA3546 PRIMARY VAULT #40403**  
**WITH FULL TRAFFIC COVER**  
**1 - 30" X 48" PG3048 OR SIMILAR INNER SIZE**  
**FIBER BOX WITH FULL TRAFFIC TOP**

## CPAU CONDUIT INSTALLATION

BETWEEN LOCATION 20 & 21  
~600' - 1-3.63" PRIMARY CONDUIT FROM NEW  
PB 40409 TO NEW PB 40405  
~600' - 1- 3.63" FIBER CONDUIT FROM NEW  
FIBER BOX TO NEW FIBER BOX

BETWEEN LOCATION 21 & 22  
~600' - 1-3.63" PRIMARY CONDUIT FROM NEW  
PB 40405 TO NEW PB 40404  
~600' - 1- 3.63" FIBER CONDUIT FROM NEW  
FIBER BOX TO NEW FIBER BOX

BETWEEN LOCATION 22 & 23  
~600' - 1-3.63" PRIMARY CONDUIT FROM NEW  
PB 40404 TO NEW PB 40403  
~600' - 1- 3.63" FIBER CONDUIT FROM NEW  
FIBER BOX TO NEW FIBER BOX



NO WORK TO BE DONE PAST LOCATION 19 UNTIL  
APPROVAL FROM CPAU ENGINEERING FOR  
EASEMENT RELOCATION. DRAWINGS INCLUDED  
FOR REFERENCE ONLY

- LEGEND**
- -RED- NEW, INSTALL ELECTRICAL
  - -MAGENTA- NEW, INSTALL FIBER
  - -GREEN - REMOVE
  - -BLACK-EXISTING

APPROVED \_\_\_\_\_

Digitally signed by:  
*Patrick Valath*  
 CN=0000377428

**P.VALATH**  
 SR. ENGINEER / MANAGER

ENGR.	P. VALATH	ON BG
DRWN	A. R. GROSSMAN	ON BG
CHKD.	P. VALATH	ON PV

FOOTHILL FIRE MITIGATION PROJECT  
PHASE 4  
MP NEXTLEVEL SUBSTRUCTURE

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 City of Palo Alto  
California  
UTILITIES, ELECTRIC ENGINEERING

DATE	APPR.	DESCRIPTION	
MAP #	CKT #	SCALE	W.O.# / DRAWING #
---	HV-20	NTS	40027598
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LOCATION 24 - PB40402

**INSTALL**  
**1 - 3' X 5' CPA3546 PRIMARY VAULT #40402**  
**WITH FULL TRAFFIC COVER**  
**1 - 30" X 48" PG3048 OR SIMILAR INNER SIZE**  
**FIBER BOX WITH FULL TRAFFIC TOP**

LOCATION 25 - PB40401

**INSTALL**  
**1 - 3' X 5' CPA3546 PRIMARY VAULT #40401**  
**WITH FULL TRAFFIC COVER**  
**1 - 30" X 48" PG3048 OR SIMILAR INNER SIZE**  
**FIBER BOX WITH FULL TRAFFIC TOP**

LOCATION 26 - PB40400

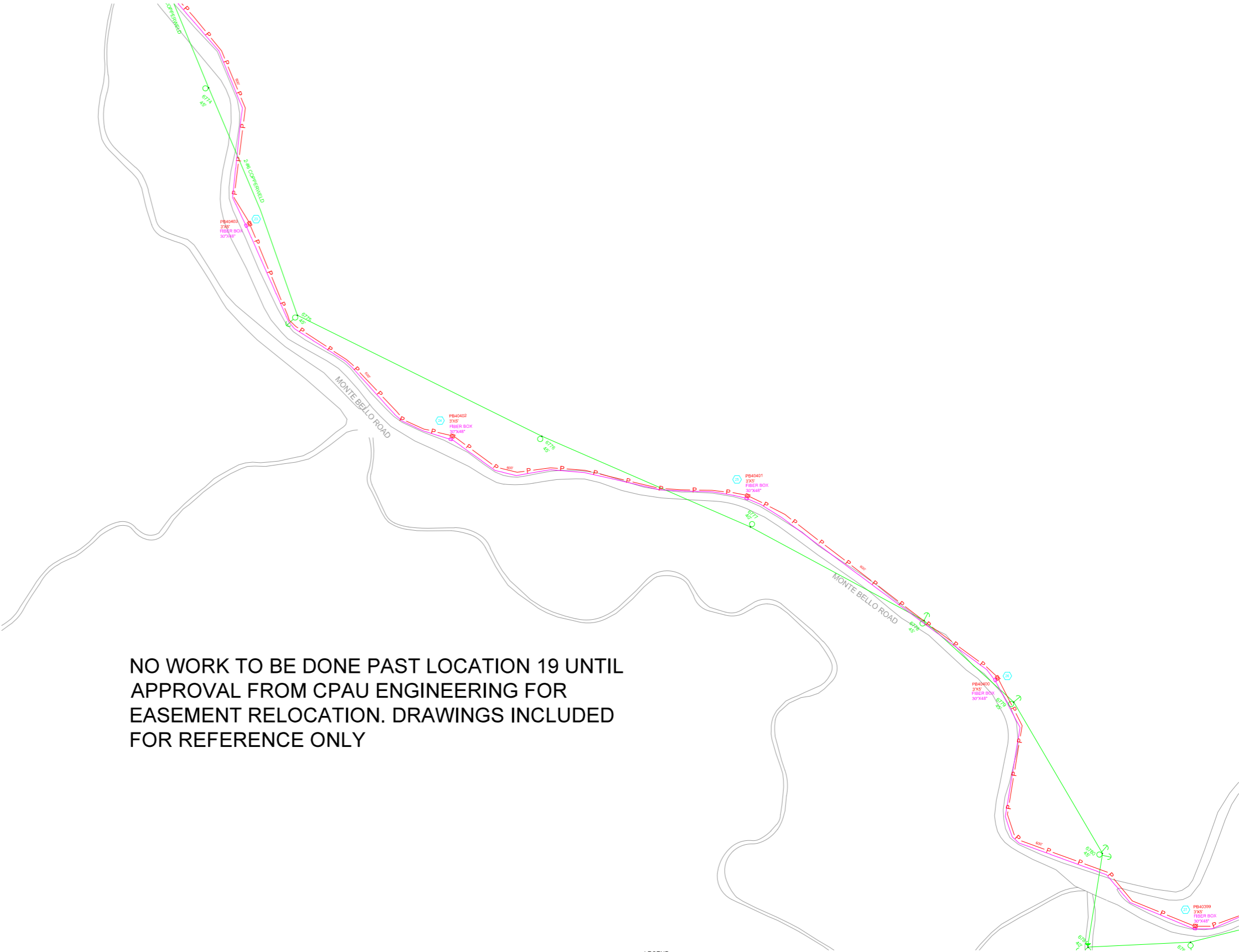
**INSTALL**  
**1 - 3' X 5' CPA3546 PRIMARY VAULT #40400**  
**WITH FULL TRAFFIC COVER**  
**1 - 30" X 48" PG3048 OR SIMILAR INNER SIZE**  
**FIBER BOX WITH FULL TRAFFIC TOP**

## CPAU CONDUIT INSTALLATION


BETWEEN LOCATION 24 & 25  
 ~600' - 1-3.63" PRIMARY CONDUIT FROM NEW  
 PB 40402 TO NEW PB 40401  
 ~600' - 1-3.63" FIBER CONDUIT FROM NEW  
 FIBER BOX TO NEW FIBER BOX

BETWEEN LOCATION 25 & 26  
 ~600' - 1-3.63" PRIMARY CONDUIT FROM NEW  
 PB 40401 TO NEW PB 40400  
 ~600' - 1-3.63" FIBER CONDUIT FROM NEW  
 FIBER BOX TO NEW FIBER BOX

BETWEEN LOCATION 26 & 27  
~600' - 1-3.63" PRIMARY CONDUIT FROM NEW  
PB 40400 TO NEW PB 40399  
~600' - 1-3.63" FIBER CONDUIT FROM NEW  
FIBER BOX TO NEW FIBER BOX



NO WORK TO BE DONE PAST LOCATION 19 UNTIL  
APPROVAL FROM CPAU ENGINEERING FOR  
EASEMENT RELOCATION. DRAWINGS INCLUDED  
FOR REFERENCE ONLY

<b>LEGEND</b> ● RED-NEW, INSTALL ELECTRICAL ● MAGENTA- NEW, INSTALL FIBER ● GREEN - REMOVE ● BLACK-EXISTING		(Designed by) <u>Patric Valath</u> (Drawn by) <u>Patric Valath</u> APPROVED _____ <b>P. VALATH</b> SR. ENGINEER / MANAGER		<b>FOOTHILL FIRE MITIGATION PROJECT</b> <b>PHASE 4</b> <b>MP NEXTLEVEL SUBSTRUCTURE</b>  <b>City of Palo Alto</b> California UTILITIES, ELECTRIC ENGINEERING		DATE _____ APRR. _____ DESCRIPTION _____	
ENGR. <b>P. VALATH</b> Grossman <i>EW</i> DRWN. <b>P. VALATH</b> Grossman <i>EW</i> CHKD. <b>P. VALATH</b> <i>PV</i>				MAP # <u>---</u> DKT # <u>HV-20</u> SCALE _____ NTS _____		W.O.# / DRAWING # <b>40027598</b> SHEET 7 OF 10	

LOCATION 27 - PB40399

INSTALL  
1 - 3' X 5' CPA3546 PRIMARY VAULT #40399  
WITH FULL TRAFFIC COVER  
1 - 30" X 48" PG3048 OR SIMILAR INNER SIZE  
FIBER BOX WITH FULL TRAFFIC TOP

LOCATION 28 - LB30060

**INSTALL**  
**1 - 3' X 5' CPA3546 PRIMARY VAULT UNDER 3'**  
**X 5' LOAD BREAK PAD 30060**  
**1 - 3' X 5' LOAD BREAK PAD 30060**

**LOCATION 29 - XFMR PAD**

## INSTALL

### LOCATION 30

## INSTALL

### 1 - 24" X 36" JUNCTION BOX

LOCATION 30B - PB40397

**INSTALL**  
**1 - 3' X 5' CPA3546 PRIMARY VAULT #40397**  
**WITH FULL TRAFFIC COVER**

## LOCATION 31

**INSTALL**  
1 - 30" X 48" PG3048 OR SIMILAR INNER SIZE  
FIBER BOX WITH FULL TRAFFIC TOP

## LOCATION 32 - PB40396

**INSTALL**  
**1 - 3' X 5' CPA3546 PRIMARY VAULT #40396**  
**WITH FULL TRAFFIC COVER**  
**1 - 30" X 48" PG3048 OR SIMILAR INNER SIZE**  
**FIBER BOX WITH FULL TRAFFIC TOP**

## CPAU CONDUIT INSTALLATION

BETWEEN LOCATION 26 & 27  
 ~600' - 1 -3.63" PRIMARY CONDUIT FROM  
 NEW PB 40400 TO NEW PB 40399  
 ~600' - 1-3.63" FIBER CONDUIT FROM NEW  
 FIBER BOX TO NEW FIBER BOX

BETWEEN LOCATION 27 & 28  
~600' - 1 -3.63" PRIMARY CONDUIT FROM  
NEW PB 40399 TO NEW LB 30060

BETWEEN LOCATION 28 & 29  
~25' - 1 -3.63" PRIMARY CONDUIT FROM NEW  
LB 30060 TO NEW XFMR PAD

BETWEEN LOCATION 29 & 30  
~10' - 4-3.63" SECONDARY CONDUIT FROM  
NEW 54" X 60" XFMR PAD TO NEW 24" X 36"  
JUNCTION BOX

BETWEEN LOCATION 30 & 30A  
~95' - 1-3.63" SECONDARY CONDUIT FROM  
NEW 24" X 36" JUNCTION BOX TO EXISTING  
JUNCTION BOX

BETWEEN LOCATION 30 & 30B  
~585' - 1-3.63" SECONDARY CONDUIT FROM  
NEW 24" X 36" JUNCTION BOX TO NEW PE  
40397

BETWEEN LOCATION 30B & 30C  
~6' - 1 - 3.63" SECONDARY CONDUIT FROM  
PB 40397 TO NEW 3" RISER

BETWEEN LOCATION 30 & 32  
~400'- 1-3.63" PRIMARY CONDUIT FROM NEW  
LB 30060 TO NEW PB 40396

BETWEEN LOCATION 27 & 31  
~600' - 1-3.63" FIBER CONDUIT FROM NEW  
FIBER BOX TO NEW FIBER BOX

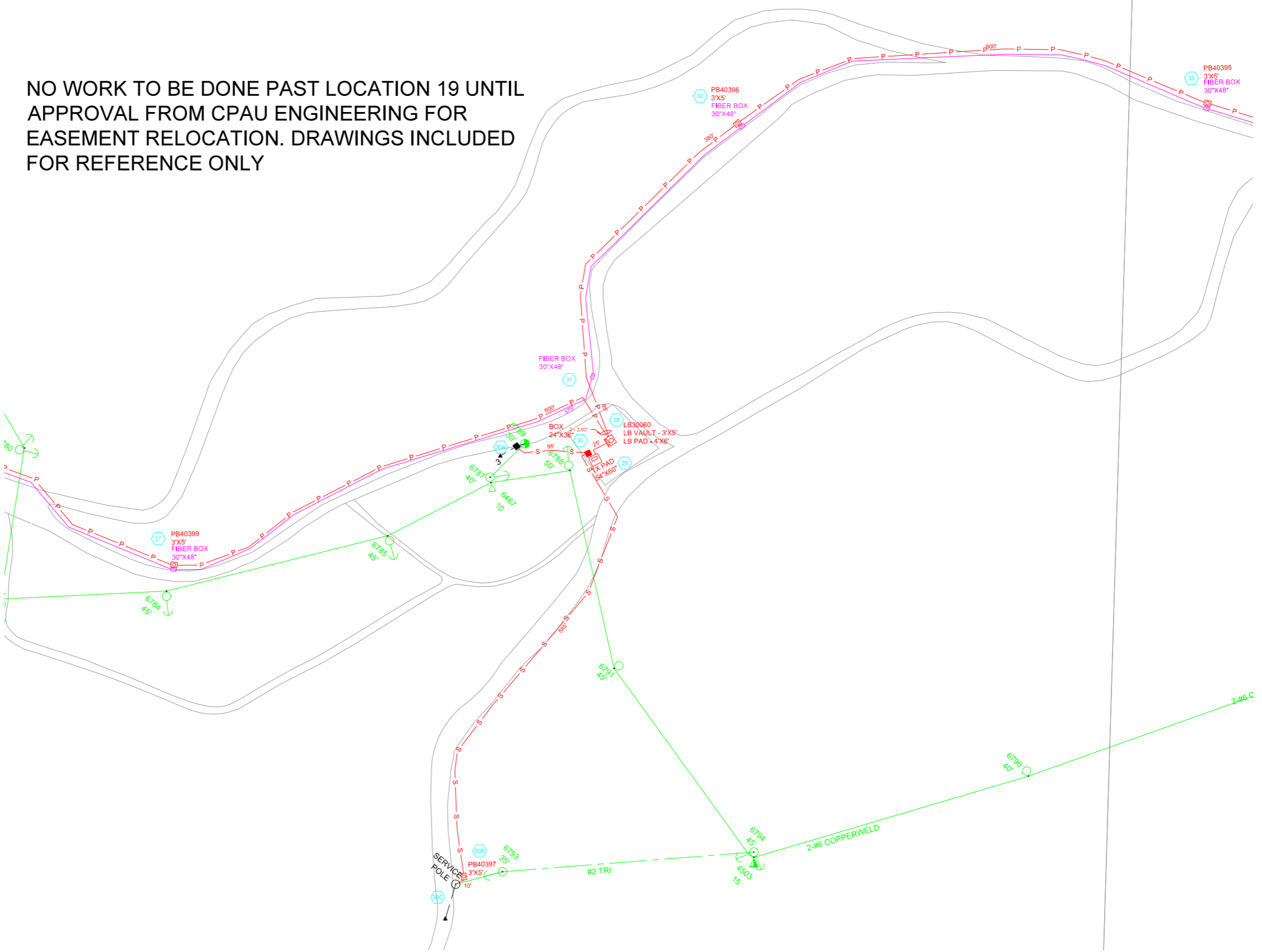
BETWEEN LOCATION 31 & 32  
~400' - 1-3.63" FIBER CONDUIT FROM NEW  
FIBER BOX TO NEW FIBER BOX

BETWEEN LOCATION 32 & 33  
 ~600' - 1-3.63" PRIMARY CONDUIT FROM NEW  
 PB 40396 TO NEW PB 40395  
 ~600' - 1-3.63" FIBER CONDUIT FROM NEW  
 FIBER BOX TO NEW FIBER BOX

\*\*\*\*NOTE\*\*\*\*

THE SCOPE OF WORK BETWEEN LOCATION 30, 30B, & 30C MAY BE REMOVED AS OPEN SPACE MAY NOT NEED CPAU ELECTRIC SERVICE

NO WORK TO BE DONE PAST LOCATION 19 UNTIL  
APPROVAL FROM CPAU ENGINEERING FOR  
EASEMENT RELOCATION. DRAWINGS INCLUDED  
FOR REFERENCE ONLY



### LEGEND

- RED- NEW, INSTALL ELECTRICAL
- MAGENTA- NEW, INSTALL FIBER
- GREEN - REMOVE
- BLACK-EXISTING

Designed by:  
*Patrice Valath*  
CP08030774386...

APPROVED \_\_\_\_\_

**P. VALATH**  
SR. ENGINEER / MANAGER

ENGR.	<b>P. VALATH</b>	08 EG
DRWN	<b>V. RIOS</b>	08 EG
CHKD.	<b>P. VALATH</b>	08 PV

FOOTHILL FIRE MITIGATION PROJECT  
PHASE 4  
MP NEXTLEVEL SUBSTRUCTURE



City of Palo Alto  
California  
UTILITIES, ELECTRIC ENGINEERING

DATE		APPR.	DESCRIPTION	
MAP #	CKT #	SCALE	W.O.# / DRAWING #	
---	HV-20		40027598	
		NTS	SHEET	8 OF 10



**In California and Nevada  
CALL TWO WORKING DAYS  
BEFORE YOU DIG**

**1-800-227-2600**  
**UNDERGROUND SERVICE ALERT**

LOCATION 33 - PB40395

INSTALL  
1 - 3' X 5' CPA3546 PRIMARY VAULT #40395  
WITH FULL TRAFFIC COVER  
1 - 30" X 48" PG3048 OR SIMILAR INNER SIZE  
FIBER BOX WITH FULL TRAFFIC TOP

LOCATION 34 - PB40394

INSTALL  
1 - 3' X 5' CPA3546 PRIMARY VAULT #40394  
WITH FULL TRAFFIC COVER  
1 - 30" X 48" PG3048 OR SIMILAR INNER SIZE  
FIBER BOX WITH FULL TRAFFIC TOP

LOCATION 35 - LB30059

INSTALL  
1 - 3' X 5' CPA3546 PRIMARY VAULT UNDER 4'  
X 6' LOAD BREAK PAD 30059  
1 - 4' X 6' LOAD BREAK PAD 30059  
1 - 30" X 48" PG3048 OR SIMILAR INNER SIZE  
FIBER BOX WITH FULL TRAFFIC TOP

LOCATION 36 - XFMR PAD

INSTALL  
1 - 54" X 60" XFMR PAD

LOCATION 37

INSTALL  
1 - 24" X 36" JUNCTION BOX

LOCATION 37A

INSTALL  
1 - 3" RISER

LOCATION 37B

INSTALL  
1 - 24" X 36" JUNCTION BOX

LOCATION 37C

INSTALL  
1 - 3" RISER

CPAU CONDUIT INSTALLATION

BETWEEN LOCATION 33 & 34  
~600' - 1-3.63" PRIMARY CONDUIT FROM NEW  
PB 40395 TO NEW PB 40394  
~600' - 1-3.63" FIBER CONDUIT FROM NEW  
FIBER BOX TO NEW FIBER BOX

BETWEEN LOCATION 34 & 35  
~600' - 1-3.63" PRIMARY CONDUIT FROM NEW  
PB 40394 TO NEW LB 30059  
~600' - 1-3.63" FIBER CONDUIT FROM NEW  
FIBER BOX TO NEW FIBER BOX

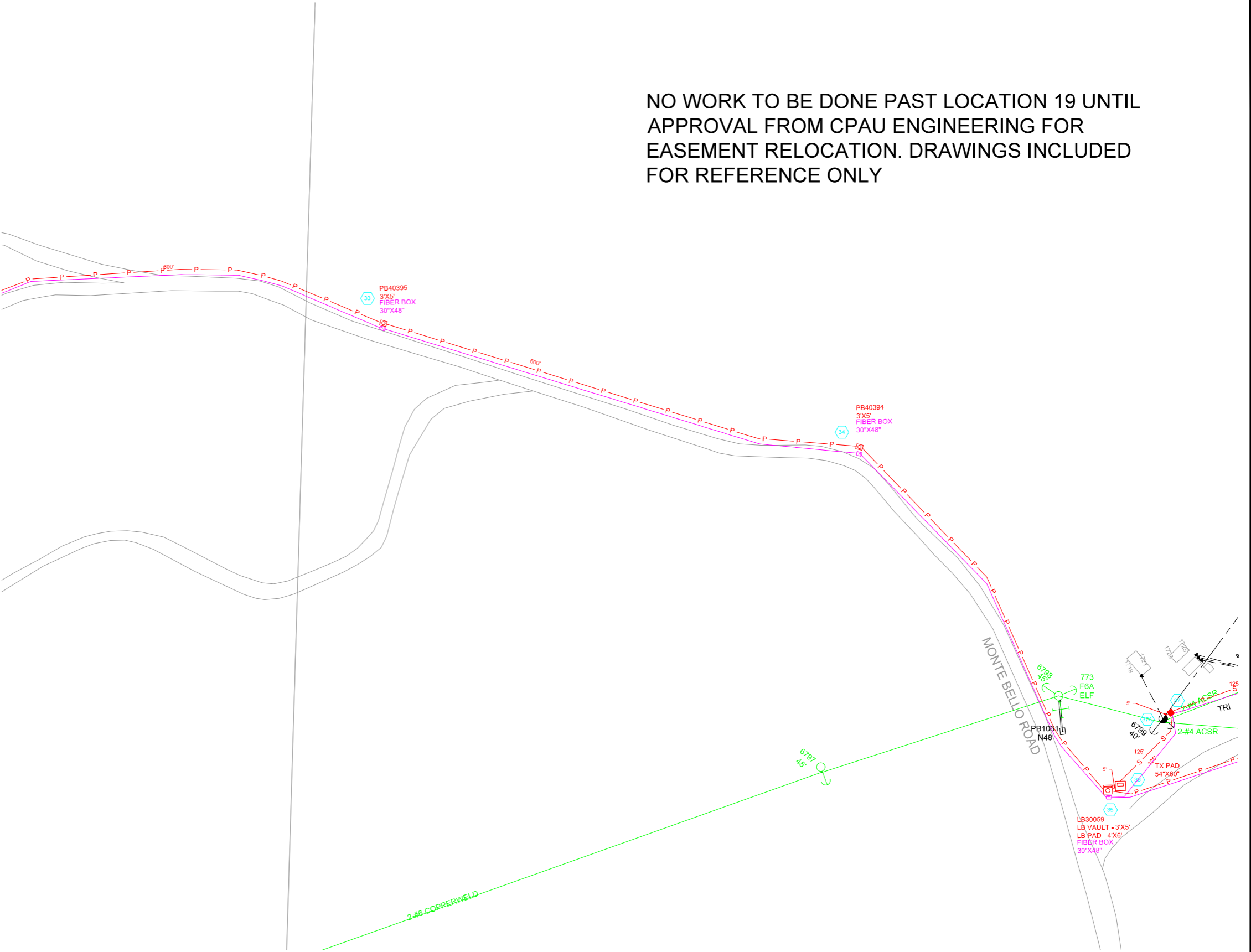
BETWEEN LOCATION 35 & 36  
~5' - 1-3.63" PRIMARY CONDUIT FROM NEW  
LB 30059 TO NEW XFMR PAD

BETWEEN LOCATION 36 & 37  
~125' - 1-3.63" SECONDARY CONDUIT FROM  
NEW XFMR PAD TO NEW 24X36 SECONDARY  
BOX  
~125' - 1-3.63" FIBER CONDUIT FROM NEW  
FIBER BOX TO NEW 24X36 SECONDARY BOX

BETWEEN LOCATION 37 & 37A  
~5' - 1-3.63" SECONDARY CONDUIT FROM  
NEW 24X36 SECONDARY BOX TO POLE 6799

BETWEEN LOCATION 37 & 37B  
~125' - 1-3.63" SECONDARY CONDUIT FROM  
NEW 24X36 SECONDARY BOX TO NEW 24X36  
SECONDARY BOX  
~125' - 1-3.63" FIBER CONDUIT FROM NEW  
24X36 SECONDARY BOX TO NEW 24X36  
SECONDARY BOX

BETWEEN LOCATION 37B & 37C  
~5' - 1-3.63" SECONDARY CONDUIT FROM  
NEW 24X36 SECONDARY BOX TO POLE 6800



LEGEND

- RED- NEW, INSTALL ELECTRICAL
- MAGENTA- NEW, INSTALL FIBER
- GREEN - REMOVE
- BLACK-EXISTING



APPROVED		P. VALATH	
ENGR.		P. VALATH	
DRWN.		P. VALATH	
CHKD.		P. VALATH	

FOOTHILL FIRE MITIGATION PROJECT			
PHASE 4			
MP NEXTLEVEL SUBSTRUCTURE			
City of Palo Alto			
California			
UTILITIES, ELECTRIC ENGINEERING			

DATE	APPR.	DESCRIPTION	
MAP #	CKT #	SCALE	W.O.# / DRAWING #
			40027598
		NTS	SHEET 9 OF 10



# Exhibit D - Form of Underground Utility Easement

RECORDING REQUESTED BY  
AND WHEN RECORDED RETURNED TO:

City of Palo Alto  
250 Hamilton Avenue  
Palo Alto, California 94301  
Attn: Real Estate Division

Space above this line for recorder's use only

NO TRANSFER TAX DUE  
PUBLIC AGENCY ACQUIRING TITLE,  
CALIFORNIA REVENUE AND TAXATION  
CODE SECTION 11922.

DULY RECORDED WITHOUT FEE  
Pursuant to Government Code  
Sections 6103, 27383 & 27388

## Underground Utility Easement

This Underground Utility Easement ("Agreement"), dated \_\_\_\_\_, 2025 ("Effective Date"), is made and entered into, by, and between CITY OF PALO ALTO, a California chartered municipal corporation ("City"), and MIDPENINSULA REGIONAL OPEN SPACE DISTRICT, a Public District formed pursuant to Article 3 of Chapter 3 of Division 5 of the California Public Resources Code ("District"). City and District are sometimes referred to in this Agreement singularly as a "Party" and together as "Parties."

### RECITALS

WHEREAS, the District is the owner of the real property situated in unincorporated Santa Clara County known as Assessor's Parcel Numbers 351-25-014, 351-06-025, 351-09-002 and 351-12-069 ("District Property"), as part of District's Monte Bello Open Space Preserve and Rancho San Antonio Open Space Preserve, copies of which Deeds are attached hereto as Exhibit A and incorporated herein by reference; and

WHEREAS, the City holds three right-of-way and utility easements for overhead electric transmission lines across District Property, as assigned by Pacific Gas and Electric Company ("Existing Utility Easements"), copies of which Deeds are attached hereto as Exhibit B and incorporated herein by reference; and

WHEREAS, the City has been directed by the California Public Utilities Commission ("CPUC") to identify areas within their jurisdiction that are susceptible to power-line ignited wildfires; and

WHEREAS, the City determined that their service territory west of Interstate 280, including the District Property, has an elevated risk of wildfire due to being in the Palo Alto foothills and wind, and therefore seeks to convert their overhead electric lines to underground lines along Montebello Road within District Property; and

WHEREAS, the City wishes to convert its existing overhead utility lines and facilities to underground electric and communications lines and facilities along Montebello Road within District Property via three existing easements (Santa Clara County Document Number 228900,

Volume 1053, Page 538; Document Number 227988, Volume 1048, Page 567; and Document Number 227989, Volume 1048, Page 562); and

WHEREAS, the District, in exchange for City quitclaiming all rights to maintain overhead utility facilities on District Property, is willing to grant City this Underground Utility Easement;

NOW, THEREFORE, in consideration of the foregoing recitals and the mutual promises and covenants herein contained, the City and District hereto agree as follows:

1. Grant of Underground Utility Easement.

(a) Easement Scope and Description. District hereby grants to City a perpetual, non-exclusive utility easement for the installation, operation, repair, replacement, upgrading, and maintenance of a subsurface conduit system for electric lines and communications transmission lines and associated subsurface and above ground cables, conduits, ducts, manholes, equipment and appurtenances used for transmitting and distributing electric energy and information (collectively, "Underground Utility System") under, across and along Montebello Road as it crosses District Property (the "Underground Utility Easement"). A legal description and plat map of the Underground Utility Easement is included in Exhibit C attached hereto and incorporated by this reference. The Underground Utility Easement shall include the right of ingress and egress over Montebello Road and Black Mountain Trail on the District Property for purposes related to the City's use of the Underground Utility Easement. The Underground Utility Easement is intended solely to serve District Property, and therefore, is not offered for, and shall not be dedicated to, public use.

(b) Term. The term of the Underground Utility Easement shall commence on the Effective Date and shall be perpetual.

(c) Use Restrictions. Use of the Underground Utility Easement by City shall be limited to construction, reconstruction, installation, operation, repair, replacement, upgrading, and maintenance of the Underground Utility System. The City shall use the Underground Utility Easement in accordance with the following:

(i) No at-grade or above-grade structures shall be installed pursuant to the Underground Utility Easement except for poles, pads, equipment cabinets, vaults and bollards that are appurtenant to the Underground Utility System.

(ii) All subsurface utilities shall be enclosed in a conduit system, which shall be installed with a minimum cover of twenty-four (24) inches below grade at all locations on the District Property, regardless of mechanical protection. Exceptions to the minimum cover requirement are allowed only where cables and conductors rise for terminations or splices or where access is otherwise required by applicable law.

(iii) No other utilities shall be co-located in the Underground Utility Easement and City shall not have the right to apportion rights under the Underground Utility Easement to any other utility or service provider.

(iv) City shall restore District Property promptly following City's performance of any work pursuant to the Underground Utility Easement to the condition the property was in immediately prior to City's work, or to an equivalent condition subject to the District's reasonable approval. City may not close, obstruct or otherwise interfere with use of Montebello Road or Black Mountain Trail without the District's prior written approval.

(d) Repair and Maintenance.

(i) City shall be solely responsible, at its sole cost and expense, for constructing, reconstructing, installing, operating, repairing and maintaining the Underground Utility System in accordance with the City of Palo Alto Utilities' Rules and Regulations, which may include the addition of erosion control measures surrounding utility equipment. In addition, City shall be solely responsible for maintaining the Underground Utility System in a safe condition and free of hazardous conditions. Any maintenance activities shall be conducted by City so as to minimize impacts to District Property.

(ii) District shall not plant any trees or bushes, or erect, construct or install any fence, wall, irrigation or any other type of permanent structure, or private utilities, within, over, across or upon the Underground Utility Easement without first obtaining the City's written consent, which shall not be unreasonably withheld. District shall maintain Montebello Road and Black Mountain Trail as unpaved, all-season roads.

(e) Non-Exclusive Use. The Underground Utility Easement shall be non-exclusive, and District may make use of the Underground Utility Easement area provided that such use does not unreasonably interfere with City's use of the Underground Utility Easement or its intended purposes as permitted under this Agreement.

2. Representation and Warranties. District represents and warrants to City that District has good and marketable title to the District Property, and there are no matters affecting title to the District Property that adversely affect the Underground Utility Easement or the rights granted under this Agreement.

3. Requirements of Law. City shall comply with all present and future laws, rules, orders, ordinances, regulations, statutes, requirements, codes, and executive orders (collectively, "Laws") of all governmental authorities now existing or hereafter created affecting the Underground Utility Easement granted herein or uses thereof.

4. Mechanic's Liens. City shall hold harmless, indemnify and defend District from and against any mechanic's or other liens arising from City's work, including any liabilities, costs, losses, damages, expenses, causes of action, claims or judgments (including court costs and reasonable attorneys' fees) on account of such mechanic's or other liens.

5. As-Is Conveyance. City agrees and acknowledges that District makes no representations or warranties as to the condition of the area contained within the Underground Utility Easement or its suitability for City's purposes. Neither District nor anyone acting for or on behalf of District has made any representation, statement, warranty or promise to City concerning the physical aspects or condition of the Underground Utility Easement including, without limitation, conditions of the soil, land use restrictions, existence or non-existence of "Hazardous Materials" or suitability

for the purpose for which City plans on using the Underground Utility Easement. City specifically acknowledges that it is entering into this Agreement with respect to the “As-Is” physical condition and “As-Is” state of repair of the Underground Utility Easement. For purposes of this Agreement, “Hazardous Materials” includes, without limitation, any flammable materials, explosive, hazardous or toxic substances, or related materials defined in the Comprehensive Environmental Response, Compensation and Liability Act of 1980, as now or hereafter amended (42 U.S.C. Section 9601, *et seq.*), the Hazardous Materials Transportation Act, as now or hereafter amended (49 U.S.C. Sections 1801, *et seq.*), the Resource Conservation and Recovery Act (42 U.S.C. Sections 9601, *et seq.*), and in the regulations promulgated pursuant thereto, or any other similar federal, state or local government law, ordinance, rule or regulation. However, District shall be solely and completely responsible for responding to and complying with any administrative notice, order, request or demand, or third party claim or demand, relating to potential or actual Hazardous Materials contamination on, in, or under the Underground Utility Easement, including all costs of remediation and clean up, except to the extent such contamination was caused by City or City’s invitees.

6. Insurance. City, at City’s sole expense, shall maintain and keep in force during the term of this License a policy of general liability insurance against claims for bodily injury, personal injury, death and/or property damage arising from City’s use of the License Area, or from any occurrence in, on, about, or related to the License Area with limits which shall not be less than Two Million Dollars (\$2,000,000.00) per occurrence. District shall be named as an additional insured on such policy. Upon District’s request, City shall promptly furnish to District an endorsement evidencing such insurance coverage. City shall require any contractors performing work on District Property to maintain insurance satisfying the above requirements. The District acknowledges that City’s insurance requirements may be satisfied in whole or in part by adequately funded self-insurance programs or self-insured retentions that have been pre-approved by the District. City agrees to furnish a certificate of its contractor(s)’s insurance to District, and evidence of any self-insurance program for City coverage, naming District as an additional insured upon District’s request. All such liability insurance shall insure performance by City of the indemnity provisions hereof, and the policy shall contain a cross-liability endorsement. No such policy of insurance shall be cancelable or subject to reduction of coverage or other modification except after thirty (30) days prior written notice. The limits of said insurance shall in no event be deemed to limit the liability of City hereunder.

7. Indemnity. Each Party (the “Indemnitor”) shall indemnify, defend, and hold harmless the other Party (“Indemnatee”) and its officers, employees, agents, administrators, successors, and assigns, from and against any and all claims made or threatened by any third party and all related losses, expenses, damages, costs and liabilities, including reasonable attorneys’ fees and expenses incurred in investigation or defense, to the extent the foregoing arise out of or relate to any error, negligent act, omission or willful misconduct by the Indemnitor, its employees, agents, contractors, subcontractors or invitees.

The Indemnatee shall promptly notify the Indemnitor once it is aware of a potential action and shall cooperate with the Indemnitor in all reasonable respects in connection with the defense of any such action at the expense of the Indemnitor. The Indemnitor may, upon written notice to the Indemnatee, undertake to conduct all proceedings or negotiations in connection with the action, assume the defense thereof, including settlement negotiations in connection with the action, and

8. **No Liability.** City waives all claims against District for damage to property, including the Underground Utility System and any Alterations thereto, and any equipment or machinery, and/or injury or death to persons occurring in, on, or about the Underground Utility Easement, from any cause arising at any time, except as may be caused by the District's negligence or willful misconduct.

If to City: City of Palo Alto  
Attn: Utilities Department, Electric Engineering  
250 Hamilton Avenue  
Palo Alto, CA 94301  
Telephone: (650) 329-2161

City of Palo Alto  
Attn: Real Property Manager  
250 Hamilton Avenue  
Palo Alto, CA 94301

Page 5

13. Authority. The District and City, respectfully, represent and warrant that each has the power and authority to execute and carry out the terms and provisions of this agreement.

12. No Partnership. Nothing contained in this Agreement shall be construed as making District and City joint venturers or partners.

13. Miscellaneous

(a) Mediation of Disputes.

(i) Consultation and Resolution Process. In the event either party believes the other party to this Agreement has failed to comply with its terms, or wishes to propose an amendment to this Agreement to address any term or condition herein, or to discuss any operational issues concerning the Underground Utility Easement, the parties agree to meet and confer within thirty (30) days of receipt of a written request for consultation delivered to the other party as set out in Section 9 herein.

(ii) If the consultation process set out in Subsection (a) (i) fails to resolve any dispute arising out of or relating to this Agreement or the performance or breach thereof, the parties agree to participate in good faith in non-binding mediation in order to resolve their dispute prior to pursuing any available legal remedies.

(b) Captions. The captions of this Agreement are inserted only as a matter of convenience and for reference. They do not define, limit or describe the scope or intent of this Agreement and they shall not affect the interpretation hereof.

(c) Exhibits. Each of the Exhibits referenced in this Agreement is attached hereto and incorporated herein.

(d) Amendment. This Agreement may be amended only by an instrument in writing executed by the Parties hereto or by their successors and assigns.

(e) Time. Time is of the essence of this Agreement.

(f) Written Consent Required. Whenever a Party is requested to consent or to approve of any matter with respect to which its consent or approval is required by this Agreement, such consent or approval shall be given in writing.

(g) Further Assurances. The Parties shall execute such further documents and instruments as may reasonably be required from time to time by the other Party to effectuate and carry out the provisions hereof and to take such further actions as may reasonably be required to give the terms hereof full force and effect for the benefit of the Parties.

(h) Terms Run with the Land. The easements, terms, covenants and conditions contained herein shall run with the land and be binding upon and inure to the benefit of the successors and assigns of the Parties hereto pursuant to California Civil Code Section 1468.

(i) Severability. If any provision of this Agreement shall to any extent be invalid or unenforceable, the remainder of this Agreement (or the application of such provision to persons or circumstances other than those in respect of which it is invalid or unenforceable) shall not be affected thereby, and each provision of this Agreement, unless specifically conditioned upon such invalid or unenforceable provision, shall be valid and enforceable to the fullest extent permitted by law.

(j) Governing Law. This Agreement shall be construed and governed in accordance with the laws of the State of California.

(k) Counterparts. This Agreement may be executed in counterparts, each of which shall constitute an original, and all of which together shall constitute one and the same instrument.

IN WITNESS WHEREOF, the Parties hereto have executed this Agreement as of the date first written above.

**CITY:**

CITY OF PALO ALTO, a California  
chartered municipal corporation

By: \_\_\_\_\_  
City Manager or designee

Date: \_\_\_\_\_

**DISTRICT:**

MIDPENINSULA REGIONAL OPEN SPACE  
DISTRICT, a Public District formed pursuant to  
Section 3 of Chapter 3 of Division 5 of the  
California Public Resources Code

By: \_\_\_\_\_  
Ana M. Ruiz, General Manager

Date: \_\_\_\_\_

**APPROVED AS TO FORM:**

By: \_\_\_\_\_  
City Attorney or designee

**APPROVED AS TO FORM:**

By: \_\_\_\_\_  
Hilary Stevenson, General Counsel

**ATTEST:**

By: \_\_\_\_\_  
Maria Soria, District Clerk

# Exhibit A - District Property

RECORDING REQUESTED BY  
First American Title Company  
14-0984

ORDER #

APN

WHEN RECORDED MAIL TO

Midpeninsula Regional  
Open Space District  
375 Distel Cir., Suite D-1  
Los Altos, CA 94022  
Attn: L. Craig Britton

MAIL TAX STATEMENTS TO

Name

Street  
Address

City &  
State

Same

F 234 PAGE 556

6689326

F 234 PAGE 556

Recorded at the request of  
First American Title Guaranty Co.

MAR 31 1980 8:00 A.M.

George A. Mann, Recorder  
Santa Clara County, Calif.

SPACE ABOVE THIS LINE FOR RECORDER'S USE

DULY RECORDED WITHOUT FEE  
Pursuant To Government Code  
Sections 6103, 27393.

By: *[Signature]*

TRANSFER TAX \$

FULL VALUE

EQUITY

REALTY NOT SOLD

X EXEMPT

## Grant Deed

FOR A VALUABLE CONSIDERATION, Gary L. Swanson, an unmarried man

hereby GRANT(S) to MIDPENINSULA REGIONAL OPEN SPACE DISTRICT, a public district

the following described real property in the City of Palo Alto  
County of Santa Clara, State of California:

All of parcel A, as shown on that certain parcel map,  
recorded August 14, 1974 in Book 344 of Maps, Page 23,  
Santa Clara County records.

Dated March 28, 1980

*[Signature]*  
Gary L. Swanson

STATE OF CALIFORNIA  
COUNTY OF Santa Clara } SS

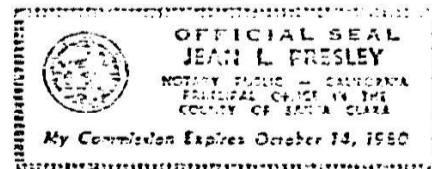
On March 28, 1980 before me, the under-  
signed, a Notary Public in and for said State, personally appeared  
Gary L. Swanson

known to me  
to be the person whose name is subscribed to the within  
instrument and acknowledged that he executed the same.  
WITNESS my hand and official seal.

Signature

*[Signature]*  
Jean L. Presley

Name (Typed or Printed)



(This area for official notarial seal)

MAR 31 1980

ican Title Company

in recorded mail to:

F 234 PAGE 557

Midpeninsula Regional Open  
Space District  
375 Distel Circle Suite D-1  
Los Altos, California 94022

CERTIFICATE OF ACCEPTANCE  
(GOVERNMENT CODE SEC. 27281)

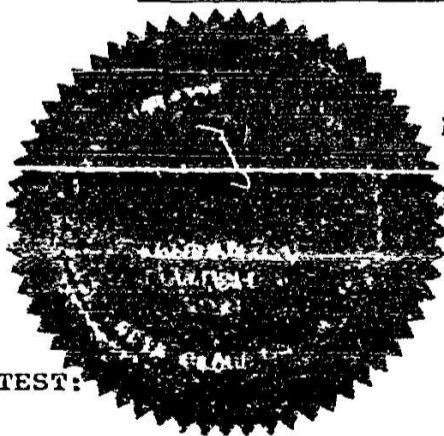
This is to certify that the interest in real property  
conveyed by the foregoing deed, grant or other instrument

from \_\_\_\_\_

Gary L. Swanson

\_\_\_\_\_ to the Midpeninsula Regional  
Open Space District, a public district, is hereby accepted  
by the undersigned on behalf of the District pursuant to  
authority conferred by resolution of the Board of Directors  
of the Midpeninsula Regional Open Space District bearing No. 80-15,  
adopted on March 26, 1980, and the grantee consents  
to recordation thereof.

Dated March 26, 19 80.



MIDPENINSULA REGIONAL OPEN SPACE DISTRICT

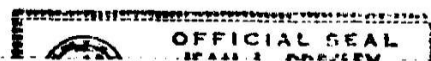
By Barbara Green  
Barbara Green, President

ATTEST:

Gary H. Fiddes

District Clerk

On March 28, 1980 before me, the under-  
signed, a Notary Public in and for said State, personally appeared  
Gary L. Swanson



MAR 31 1980

Order No.  
Escrow No.  
Loan No.

1003 -87

MAR 3 1988

K427 PAGE 501  
9579451

WHEN RECORDED MAIL TO:

Midpeninsula Regional Open Space District  
Old Mill Office Ctr., Bldg. C, Suite 135  
201 San Antonio Circle  
Mountain View, Ca. 94040  
Attn: Sandy Voorhees

REC FEE	3
RMF	1
MICRO	1
LIEN NOT	
SMPF	
PCOR	

Recorded at the Request of First American Title Guaranty Co.	
JAN 25 1988	8:00 A.M.
LAURIE KANE, Recorder Santa Clara County, Official Records	

SPACE ABOVE THIS LINE FOR RECORDER'S USE

## FULL RECONVEYANCE

FIRST AMERICAN TITLE INSURANCE COMPANY, a Corporation, Trustee under the Deed of Trust executed by  
MIDPENINSULA REGIONAL OPEN SPACE DISTRICT (a Public District)

Trustor, and recorded December 2, 1977 as Document No. 5860350 in Book D316,  
page 88, of Official Records in the Office of the County Recorder of Santa Clara  
County, California, having been requested in writing by the holder of the obligation secured by said Deed of Trust, to  
reconvey the estate granted to Trustee under said Deed of Trust, does hereby reconvey to the person or persons legally  
entitled thereto, without warranty, all the estate, title and interest acquired by Trustee under said Deed of Trust.

DESCRIPTION "As described in said Deed of Trust."

IN WITNESS WHEREOF, said FIRST AMERICAN TITLE INSURANCE COMPANY, Trustee, has caused its corporate  
name and seal to be hereto affixed by its Assistant Secretary, thereunto duly authorized.

Dated: December 31, 1987



FIRST AMERICAN TITLE INSURANCE COMPANY

By

*Jay O. Turner*

Jay O. Turner

Assistant Secretary

STATE OF CALIFORNIA  
COUNTY OF San Mateo

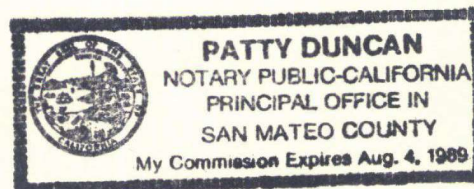
On December 31, 1987, before me,  
the undersigned, a Notary Public in and for said State, personally  
appeared Jay O. Turner

personally known to me to be the person who executed the within instru-  
ment as Assistant Secretary, on behalf of First American Title Insurance  
Company, the corporation therein named, and acknowledged to me that  
such corporation executed the within instrument as Trustee.

WITNESS my hand and official seal

Signature

*Patty Duncan*



(This area for official seal)

N 426125

1323 (7/82)

Order No.  
Escrow No. 1-4084  
Loan No.

WHEN RECORDED MAIL TO:  
  
Alyce Lee Burns

SPACE ABOVE THIS LINE FOR RECORDER'S USE

DEED OF TRUST WITH ASSIGNMENT OF RENTS  
(SHORT FORM)

This DEED OF TRUST, made November 21, 1977, between

MIDPENINSULA REGIONAL OPEN SPACE DISTRICT (a Public District) herein called TRUSTOR,  
whose address is 375 Distel Circle, Suite D-1 Los Altos, California 94022  
(Number and Street) (City) (State)

FIRST AMERICAN TITLE INSURANCE COMPANY, a California corporation, herein called TRUSTEE, and

ALYCE LEE BURNS, A MARRIED WOMAN

WITNESSETH: That Trustor grants to Trustee in Trust, with Power of Sale, that property in the County of Santa Clara, State of California, described as:

SEE EXHIBIT "A" ATTACHED HERETO AND MADE A PART HEREOF FOR LEGAL DESCRIPTION

Together with the rents, issues and profits thereof, subject, however, to the right, power and authority hereinafter given to and conferred upon Beneficiary to collect and apply such rents, issues and profits.

For the Purpose of Securing (1) payment of the sum of \$ 1,600,000.00 with interest thereon according to the terms of a promissory note or notes of even date herewith made by Trustor, payable to order of Beneficiary, and extensions or renewals thereof, and (2) the performance of each agreement of Trustor incorporated by reference or contained herein (3) Payment of additional sums and interest thereon which may hereafter be loaned to Trustor, or his successors or assigns, when evidenced by a promissory note or notes reciting that they are secured by this Deed of Trust.

To protect the security of this Deed of Trust, and with respect to the property above described, Trustor expressly makes each and all of the agreements, and adopts and agrees to perform and be bound by each and all of the terms and provisions set forth in subdivision A, and it is mutually agreed that each and all of the terms and provisions set forth in subdivision B of the fictitious deed of trust recorded in Orange County August 17, 1964, and in all other counties August 18, 1964, in the book and at the page of Official Records in the office of the county recorder of the county where said property is located, noted below opposite the name of such county, namely:

COUNTY	BOOK	PAGE	COUNTY	BOOK	PAGE	COUNTY	BOOK	PAGE	COUNTY	BOOK	PAGE
Alameda	1288	556	Kings	858	713	Placer	1028	379	Sierra	38	187
Alpine	3	130-31	Lake	437	110	Plumas	166	1307	Siskiyou	506	762
Amador	133	438	Lassen	192	367	Riverside	3778	347	Solano	1287	621
Butte	1330	513	Los Angeles	T-3878	874	Sacramento	5039	124	Sonoma	2067	427
Calaveras	185	338	Madera	911	136	San Benito	300	405	Stanislaus	1970	56
Colusa	323	391	Marin	1849	122	San Bernardino	6213	768	Sutter	655	585
Contra Costa	4684	1	Mariposa	90	453	San Francisco	A-804	596	Tehama	457	183
Del Norte	101	549	Mendocino	667	99	San Joaquin	2855	283	Trinity	108	595
El Dorado	704	635	Merced	1660	753	San Luis Obispo	1311	137	Tulare	2530	108
Fresno	5052	623	Modoc	191	93	San Mateo	4778	175	Tuolumne	177	160
Glenn	469	76	Mono	69	302	Santa Barbara	2065	881	Ventura	2607	237
Humboldt	801	83	Monterey	357	239	Santa Clara	6626	664	Yolo	769	16
Imperial	1189	701	Napa	704	742	Santa Cruz	1638	607	Yuba	398	693
Inyo	165	672	Nevada	363	94	Shasta	800	633			
Kern	3756	690	Orange	7182	18	San Diego	SERIES 5	Book 1964, Page 149774			

shall inure to and bind the parties hereto, with respect to the property above described. Said agreements, terms and provisions contained in said subdivision A and B, (identical in all counties, and printed on the reverse side hereof) are by the within reference thereto, incorporated herein and made a part of this Deed of Trust for all purposes as fully as if set forth at length herein, and Beneficiary may charge for a statement regarding the obligation secured hereby, provided the charge therefor does not exceed the maximum allowed by law.

The undersigned Trustor, requests that a copy of any notice of default and any notice of sale hereunder be mailed to him at his address hereinbefore set forth.

STATE OF CALIFORNIA,  
COUNTY OF \_\_\_\_\_ } ss.

Signature of Trustor

On \_\_\_\_\_ before me, the  
undersigned, a Notary Public in and for said State, personally appeared

MIDPENINSULA REGIONAL OPEN SPACE DISTRICT

By Daniel A. Webb  
President, Board of Directors

\_\_\_\_\_, known to me  
to be the person whose name \_\_\_\_\_ subscribed to the within  
instrument and acknowledged that \_\_\_\_\_ executed the same.

WITNESS my hand and official seal.

Signature \_\_\_\_\_

Name (Typed or Printed)

(This area for official notarial seal)

EXHIBIT "A"

PARCEL ONE A

The Northwest 1/4 of Section 14; the North 1/2 of the Southeast 1/4 of Section 15; all that portion of the Fractional Northwest 1/4 of Section 15, lying Easterly and Southerly of the center line of the Page Mill Road, and all that portion of the South 1/2 of the Northeast 1/4 of Section 15, lying Easterly and Southerly of the center line of Page Mill Road; all in Township 7, South Range 3 West, Mount Diablo Base and Meridian.

EXCEPTING THEREFROM all that portion thereof included within the bounds of the County of San Mateo, State of California.

ALSO EXCEPTING THEREFROM all that portion of the South 1/2 of the Northeast 1/4 of Section 15 lying Easterly and Southerly of the centerline of Page Mill Road and lying East of a line drawn due South from the intersection of the centerline of Page Mill Road with the division line between the County of Santa Clara and the County of San Mateo; said division line being designated as "South 81° 15' East" between "Station 64 and Station 65", all being shown on that certain Record of Survey recorded July 18, 1951, in Book 32 of Maps, page 33.

PARCEL ONE B

Beginning at the Quarter Section corner on the center of Section 15, Township 7 South, Range 3 West, M.D.M., and running thence along the Quarter Section line running East and West through the center of said Section 15, North 89° 30' West 23.58 chains to a stake marked D.M. 13 standing at the intersection of said Quarter Section line with a picket fence from which stake the Quarter Section corner between Sections 15 and 16, bears North 89 1/2° West 17.27 chains said stake D.M. 13 being the Northwesterly corner of that 79 acre tract, more or less deeded to Lambert Dornberger by Deed dated September 7, 1886 and recorded in Book 88 of Deeds, page 67 in the office of the County Recorder of Santa Clara County, California running thence along the said picket fence, and the Westerly line of said 79 acre tract South 42 1/4° East 9.67 chains to a 6" x 6" fence post marked D-M 12, and South 17 1/2° East 4.80 chains to an elderberry tree marked D-M 11 standing at the end of said picket fence; thence running along the East side of a ravine South 22 3/4° East 2.43 chains, South 14 3/4° West 1.65 chains to a leaning laurel 30 inches in diameter marked D-M 9, South 6 1/2° East 1.22 chains, South 44 3/4° East 2.85 chains to Station D.M. 7, South 71 3/4° East 1.15 chains to a live oak tree marked D-M 6, South 18 1/4° East 1.27 chains to a white oak marked D-M 5, South 16° East 2.80 chains, South 18 1/4° East 4.30 chains, South 30 1/4° East 3.80 chains, South 39° East 1.20 chains, South 11 1/2° East 1.29 chains to the center of Stevens Creek; thence upon the center of said Creek, South 12° West 2.31 chains South 5 1/4° West 1.20 chains to Station; South 17 1/4° West at 0.70 chains to a point from which the Quarter Section corner between Section 15 and 22, Township 7 South, Range 3 West, bears North 83 3/4° East 5.80 chains at 1.72 chains to Station. South 10° East 2.00 chains South 36 3/4° West 1.95 chains to station near the confluence of two ravines forming Stevens Creek; thence up the center

(Cont'd on next page)

of the Southerly ravine, South  $12 \frac{3}{4}^{\circ}$  East 1.40 chains, South  $25 \frac{1}{4}^{\circ}$  East 2.30 chains, South  $28 \frac{1}{4}^{\circ}$  East 1.15 chains, South  $22 \frac{3}{4}^{\circ}$  East 1.20 chains, South  $9 \frac{1}{4}^{\circ}$  East 1.80 chains, South  $34 \frac{1}{4}^{\circ}$  East 1.90 chains, South  $20 \frac{1}{4}^{\circ}$  East 1.80 chains, South  $14 \frac{3}{4}^{\circ}$  West 1.73 chains South  $63 \frac{3}{4}^{\circ}$  West 2.40 chains, South  $50 \frac{3}{4}^{\circ}$  West 2.87 chains, South  $41 \frac{3}{4}^{\circ}$  West 1.23 chains to the confluence of two ravines, South  $46 \frac{3}{4}^{\circ}$  East 0.90 chains to station in road to Dornberger from which Station a pine oak tree 5" in diameter bears North  $82 \frac{1}{2}^{\circ}$  East 0.50 chains, thence continuing along the Westerly line of the aforementioned 79 acre tract South  $2^{\circ}$  East 4.96 chains, South  $8^{\circ}$  East 2.53 chains to a tan oak 8" in diameter marked D.M. 4, South  $22^{\circ}$  West 4.00 chains to a pine tree 6 feet in diameter marked "D.M. 3"; thence leaving the Westerly line of the aforementioned 79 acre tract and running North  $78^{\circ} 17'$  East 11.72 chains to a stake marked D.3 standing at the most Southerly corner of the fence around an old orchard; thence along the fence on the Southerly side of said orchard and the prolongation of said fence, North  $64^{\circ} 55'$  East 7.82 chains to a stake marked D.4 standing in a fence running Northwest and Southeast; thence North  $54^{\circ} 05'$  East 11.88  $\frac{3}{4}$  chains to a fence post marked D.5 standing at the corner of two fences; thence North  $30^{\circ} 11'$  East 9.20 chains, cross ravine at 10.47 chains, a leaning madrone 10" in diameter at 12.57 chains a redwood tree 8 feet in diameter at 15.42 chains a madrone tree 4 feet in diameter at 18.38 chains a tan oak tree 4 feet in diameter and at 23.24 chains to station in the center of the Stevens Creek from which Station a 2" x 3" stake marked W.P. bears South  $30^{\circ} 11'$  West 20 links and from which stake a tan oak 12" in diameter bears South  $18 \frac{1}{2}^{\circ}$  West 0.15 chains and a leaning tan oak 9" in diameter bears South  $83 \frac{1}{4}^{\circ}$  West 0.28 chains, running thence along the center of the Stevens Creek, Southeasterly the following courses and distances: South  $55^{\circ} 30'$  East 1.75 chains North  $60^{\circ} 56'$  East 1.95 chains, South  $30^{\circ} 56'$  East 2.00 chains, South  $48^{\circ} 36'$  East 1.39 chains North  $84^{\circ} 09'$  East 1.81 chains, South  $9^{\circ} 38'$  East 1.07 chains, South  $88^{\circ} 04'$  East 1.49 chains, South  $66^{\circ} 45'$  East 1.23 chains South  $21^{\circ} 54'$  East 2.73 chains, South  $58^{\circ} 24'$  East 2.23 chains, South  $59^{\circ} 40'$  East 3.07 chains, South  $50^{\circ} 59'$  East 1.31 chains, South  $41^{\circ} 49'$  East 3.35 chains, South  $83^{\circ} 19'$  East 2.85 chains, South  $41^{\circ} 40'$  East 1.87 chains, South  $58^{\circ} 24'$  East 1.70 chains, South  $42^{\circ} 43'$  East 1.25 chains, South  $74^{\circ} 15'$  East 2.41 chains to the East line of the West one-half of the Northwest Quarter of Sec. 23. T. 7S. R. 3W., M.D.M. thence along said East line North  $0^{\circ} 35'$  West 14.56 chains to the Northeast corner of the West one-half of the Northwest Quarter of Sec. 23, T. 7S, R. 3W., M.D.M.; thence along the section line running between Sections 14 and 23, T. 7S., R. 3W., M.D.M., East 39.65 chains to the Southwest corner of that 80 acre tract deeded to Arthur J. Bond by Deed dated April 4, 1895 and recorded in Book 177 of Deeds, page 390 in the office of the County Recorder of Santa Clara County, California; thence along the Westerly line of said 80 acre tract, North  $3^{\circ} 35'$  East 40.51 chains to the Northwest corner of said 80 acre tract in the Quarter Section line running East and West through the center of Section 14. T. 7S., R. 3W., M.D.M., thence along the Quarter Section line running East and West through the center of said Section 14, West to the Quarter Section corner on the West line of said Section 14, thence along the West line of said Section 14, Southerly 20.15 chains to a 4" x 4" stake standing at the Northeast corner of the South one-half of the Southeast Quarter of Section 15 T. 7S., R. 3W., M.D.M., thence along the North line of the South one-half of the Southeast quarter of Section 15, North  $88^{\circ} 30'$

West 40.80 chains to the Northwest corner of the South one-half of the Southeast Quarter of said Section 15; thence along the Quarter Section line running North and South through the center of said Section 15, North 2° East 18.15 chains to the place of beginning, being parts of Sections 14, 15, 22 and 23, T. 7S., R. 3W., M.D.M.

EXCEPTING THEREFROM that portion thereof conveyed by Sada Coe Robinson to John H. Richey by Deed dated March 13, 1950 and recorded April 26, 1950 in Book 1967 of Official Records, page 406 and more particularly described as follows:

Beginning at the point of intersection of the Southerly line of the Skyline Boulevard, as the same existed in January 1950, with the Westerly line of the 454.89 acre parcel of land conveyed by Bertha A. Hayes to Sada Coe Robinson by Deed dated January 14, 1946, and recorded January 17, 1946, in Book 1266 of Official Records, page 531, Santa Clara County Records, thence from said point of beginning Southerly along said Westerly line of the 454.89 acre parcel above referred to, to the most Southerly corner thereof at a pine tree 6 feet in diameter marked D.M. 3, thence Northeasterly along the Southerly line of the said 454.89 acre parcel to the intersection thereof with the said Southerly line of the Skyline Boulevard; thence Westerly along said line to the point of beginning, being a portion of the North 1/2 of Section 22, Township 7 South, Range 3 West, M.D.B.&M.

ALSO the right of way from the lands and premises above described to the County Road, reserved in the Deed from Lambert Dornberger to Frances Mayer, dated June 25, 1875 and recorded July 29, 1875 in Book 36 of Deeds, page 506, Santa Clara County Records.

ALSO the right to take, appropriate and use the water of a certain spring situated on the Northwest Quarter of Section 22, Township 7, South, Range 3 West M.D.M., and Northerly from the above mentioned Madrone Tree marked D.M. 2, said spring being the same heretofore used by Lambert Dornberger; also the right to lay down, keep and maintain suitable and proper pipes to conduct said water and to make, erect, keep and maintain there at all necessary and suitable improvement for collecting, storing and using said water and also the right of way for egress and ingress to and from said spring over, upon and across the land of Frances Mayer. Also the right of way over the travelled road leading from the Page Mill Road to the premises of Lambert Dornberger; all as reserved in the deed from Lambert Dornberger to Frances Mayer, dated September 7, 1886 and recorded December 18, 1886 in Book 87 of Deeds, page 202, Santa Clara County Records.

#### PARCEL ONE C

All that portion of the South 1/2 of the Northeast 1/4 of Section 15, Township 7 South, Range 3 West, lying Easterly and Southerly of the centerline of Page Mill Road and lying East of a line drawn due South from the intersection of the center line of Page Mill Road with the division line between the County

(Cont'd on next page)

of Santa Clara and the County of San Mateo, said division line being designated as "South 81° 15' East" between "Station 64 and Station 65" all being shown on that certain Record of Survey recorded July 18, 1951 in Book 32 of Maps, page 33.

EXCEPTING THEREFROM the following described parcel of land:

A portion of the Northwest 1/2 of the Southeast 1/4 of the Northeast 1/4 of Section 15, Township 7 South, Range 3 West, M.D.B.&M., and being more particularly described as follows:

Beginning at an iron pipe in the center line of Page Mill Road, (40.00 feet wide) on the North line of the South 1/2 of the Northeast 1/4 of said Section 15: thence along said North line, South 89° 10' 07" East 1041.62 feet to an iron pipe on the Easterly line of a private road (20.00 feet in width) known as Montebello Road; thence along said Easterly line with the following courses and distances: Southerly along the arc of a curve to the right the tangent of which bears South 24° 32' 08" East having a radius of 170 feet, through a central angle of 24° 57' 27" an arc distance of 74.05 feet to an iron pipe; thence South 0° 25' 19" West 193.74 feet to an iron pipe at the beginning of a curve; thence along the arc of a curve to the left, having a radius of 440 feet; through a central angle of 11° 49' 15" an arc distance of 90.78 feet to an iron pipe at a point of compound curvature; thence along the arc of a compound curve to the left, having a radius of 50 feet, through a central angle of 97° 34' 30" an arc distance of 85.15 feet to an iron pipe; thence North 71° 01' 34" East 50.28 feet to an iron pipe at the beginning of a curve, thence along the arc of a curve to the right, having a radius of 80.00 feet, through a central angle of 88° 36' 55" an arc distance of 123.73 feet to an iron pipe; thence South 20° 21' 34" East 41.75 feet to an iron pipe at the beginning of a curve; thence along the arc of a curve to the left having a radius of 205.00 feet; through a central angle of 25° 37' 10" an arc distance of 91.66 feet to an iron pipe; thence South 45° 58' 41" East 45.38 feet to an iron pipe at the beginning of a curve; thence along the arc of a curve to the right, having a radius of 185.00 feet, through a central angle of 22° 49' 15" an arc distance of 73.69 feet to an iron pipe; thence South 23° 09' 26" East 141.68 feet to an iron pipe; thence leaving said Easterly line of Montebello Road North 89° 10' 07" West 1698.75 feet to an iron pipe in the center line of said Page Mill Road; thence along said centerline with the following courses and distances: North 40° 21' 34" East 116.35 feet to a 3/4 inch iron pipe; North 20° 54' 34" East 179.86 feet to a 3/4 inch iron pipe; North 13° 34' 04" East 230.02 feet to a 3/4 inch iron pipe and North 6° 54' 43" East 273.98 feet to the point of beginning.

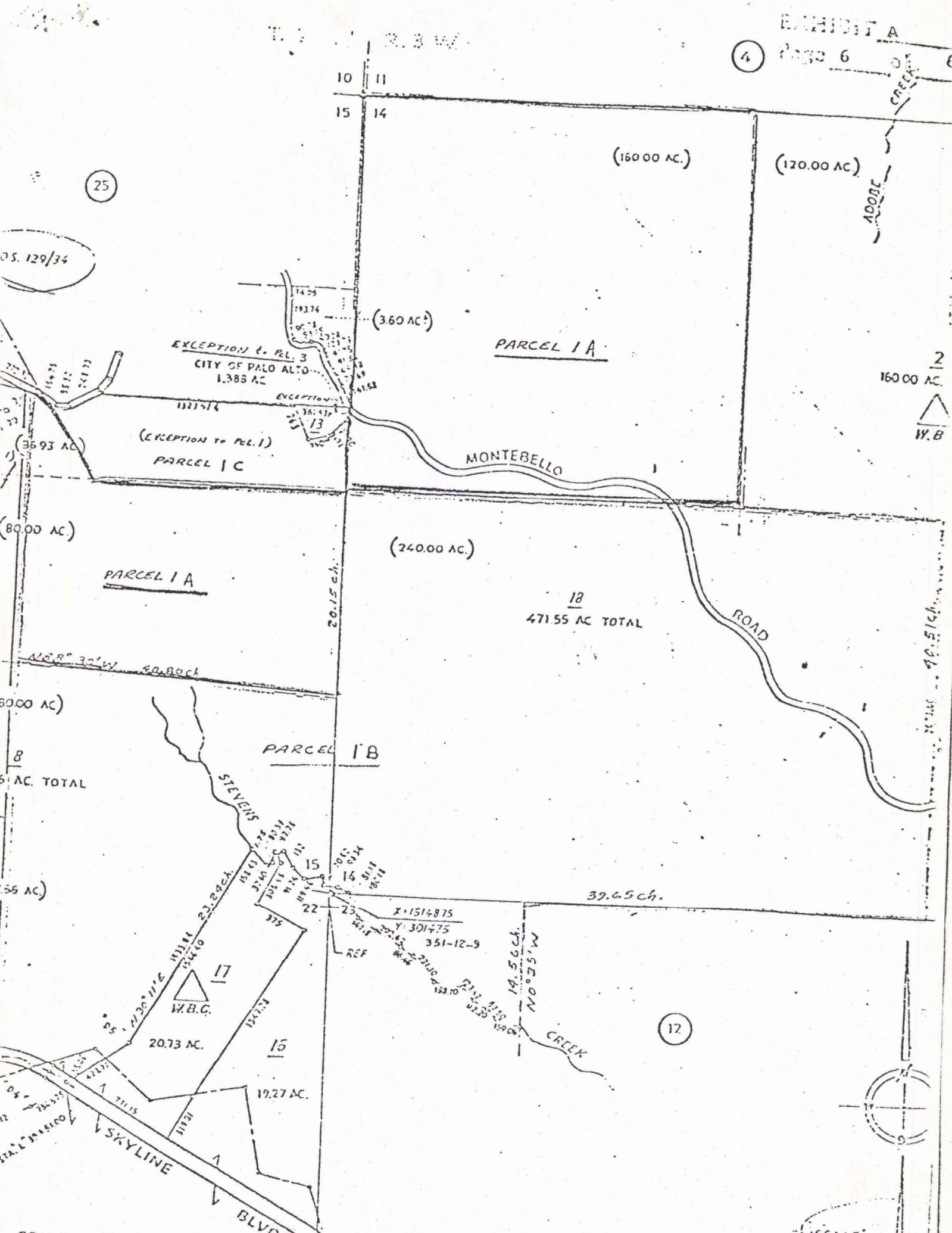
ALSO EXCEPTING FROM above mentioned Parcels No. 1 and No. 3 the following described property as conveyed in the Final Judgment of Condemnation recorded November 13, 1964, in Book 6740 of Official Records, page 287, described as follows:

(Cont'd on next page)

Beginning at an iron pipe in the center line of Page Mill Road marking the most Westerly corner of that certain 22.270 acre tract of land conveyed by Alice Lee Burns to Harry J. Beyer, Jr., et al, dated March 18, 1963 and recorded June 20, 1963 in Book 6071 of Official Records, page 412, Records of Santa Clara County, California; thence North  $88^{\circ} 50' 27''$  East along the Southerly line of said Tract of land 1327.57 feet to the true point of beginning; thence from said true point of beginning North  $88^{\circ} 50' 27''$  East 361.43 feet; thence South  $12^{\circ} 36' 47''$  East 87.70 feet; thence South  $47^{\circ} 53' 36''$  West 171.00 feet; thence South  $72^{\circ} 53' 36''$  West 140.00 feet; thence North  $27^{\circ} 06' 24''$  West 263.00 feet to the true point of beginning, and being a portion of Section 15, Township 7 South, Range 3 West, M.D.B.&M.

ALSO EXCEPTING FROM all the lands hereinabove described so much thereof as lies within the following described parcel of land:

Beginning at the center of Section 15, Township 7 South, Range 3 West, M.D.B.&M., thence Westerly along the Quarter Section line through the center of said Section 15, North  $89^{\circ} 30'$  West 1556.28 feet more or less to a stake marked "D.M.13", standing at the intersection of said Quarter Section line with a picket fence from which stake the Quarter Section corner between Sections 15 and 16, bears North  $89^{\circ} 30'$  West 1556.28 feet more or less, said stake "D.M.13" being the Northwestern corner of that tract of land deeded to Lambert Dornberger by Deed dated September 7, 1886 and recorded in Book 88 of Deeds, page 67 in the office of the County Recorder of Santa Clara County, California, said point being the TRUE POINT OF BEGINNING, thence from said TRUE POINT OF BEGINNING Westerly along said Quarter Section line running through the center of said Section 15 North  $89^{\circ} 30'$  West to the division line between San Mateo County and Santa Clara County; thence Northerly and Easterly along said county division line, 1636 feet more or less, to the center line of Page Mill Road; thence Easterly along the centerline of Page Mill Road, 1230 feet more or less, to said County division line; thence Easterly along said County Division line to a point lying 350 feet East of a line running North and South through the center of said Section 15; thence Southerly along a line, parallel with a North and South section line through the center of Section 15, said line being 350 feet East of the center of Section 15, to the Northerly Right of Way line of Skyline Boulevard; thence along the Northerly Right of Way line of Skyline Boulevard Westerly to the Westerly line of the 454.89 acre parcel of land conveyed by Bertha A. Hayes to Sada Coe Robinson by Deed dated January 14, 1946, and recorded January 17, 1946 in Book 1266 of Official Records, page 531, Santa Clara County Records; thence Northerly along said Westerly line of the 454.89 acre parcel of land to the TRUE POINT OF BEGINNING.



## FORM OF ACKNOWLEDGEMENT

State of California                    )  
  ) ss:  
County of Santa Clara                )

On this the 22 day of November, 1977,  
before me, Stanley R. Norton, personally appeared  
the undersigned officers Daniel Wendin, President,  
Harry A. Turner, and Nonette Hanko, Katherine M. Duffy  
Edward Shelley, Richard Bishop, Barbara Green,  
, Directors of the Midpeninsula Regional Open  
Space District, known to me to be the persons described in the  
foregoing instrument, and acknowledged that they executed the  
same in the capacity therein stated and for the purposes therein  
contained.

In witness whereof I hereunto set my hand and official seal.

OFFICIAL SEAL  
STANLEY R. NORTON  
NOTARY PUBLIC - CALIFORNIA  
SANTA CLARA COUNTY  
My comm. expires AUG 29, 1978  
407 Sherman Ave., Palo Alto, CA 94306

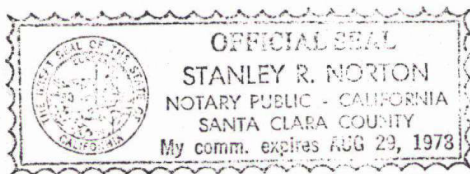
*Harold R. Norton*  
Notary Public

FORM OF ACKNOWLEDGEMENT

State of California       )  
                                  ) ss:  
County of Santa Clara    )

On this the 22 day of November, 19 77,  
before me, Stanley R. Norton, personally appeared  
the undersigned officer Daniel Wendin, President,  
Director of the Midpeninsula Regional Open Space District, known  
to me to be the persons described in the foregoing instrument, and  
acknowledged that they executed the same in the capacity therein  
stated and for the purposes therein contained.

In witness whereof I hereunto set my hand and official seal.



407 Sherman Ave., Palo Alto, CA 94306

Stanley R. Norton  
Notary Public

VALLEY TITLE COMPANY  
Escrow # 171266-C  
Co Bill # 351-9-2  
Code Area 06-033  
WHEN RECORDED MAIL TO  
Midpeninsula Regional Open Space  
District  
375 Distel Circle, Suite D-1  
Los Altos, California 94022

F 930 REC 331

6991516

F 930 REC 331

Recorded at the request of  
Valley Title Company

FEB 27 1981 8:00 AM

GEORGE A. MANN  
REGISTRAR - RECORDER  
Santa Clara County, Official Record

REC	FEC
WICPO	
LIEN	
SMPF	

MAIL TAX STATEMENT TO

Name Midpeninsula Regional Open Space District  
Address 375 Distel Circle, Suite D-1  
City & State Los Altos, California 94022  
By this instrument dated February 25, 1981, for a valuable consideration,  
GILL INDUSTRIES, a California corporation, successor by merger to  
GILL CABLE, INC., a Delaware corporation

NO CONSIDERATION

QUITCLAIM DEED

RECORD WITHOUT FEE UNDER SECTION 6103

Transfer Tax

N/A

Full Value

Equity

hereby QUITCLAIMS to MIDPENINSULA REGIONAL OPEN SPACE DISTRICT, a public district

The following described Real Property in City of Palo Alto

County of Santa Clara California, described as:

The Southwest Quarter (SW-1/4), the South One half (S 1/2) of  
the Northwest Quarter (NW-1/4), and the Northeast Quarter (NE-1/4)  
of the Northwest Quarter (NW-1/4) of Section 13, Township 7 South,  
Range 3 West, M.D.B. & M.

THE PURPOSE AND INTENT OF THIS QUITCLAIM DEED IS TO ELIMINATE ANY  
INTEREST OF THE GRANTOR HEREIN IN AND TO THE HEREIN DESCRIBED PROPERTY  
WHICH INTEREST MAY HAVE BEEN ACQUIRED BY REASON OF THE FOLLOWING:

(a) That certain unrecorded "Operating Agreement", dated October 15,  
1969, by and between Henry Dillon Winship, as Owner, and San Jose Cable TV  
Service, a joint venture composed of Standard Radio and Television Co.,  
a California corporation, and Northwest Publications, Inc., a corporation,  
as Operator, as disclosed by Assignment to Gill Cable, Inc., a Delaware  
corporation, dated March 11, 1972, recorded March 22, 1972 in Book 9754  
of Official Records, at page 444

(b) That certain unrecorded "Operating Agreement", dated October 15, 1969,  
by and between John E. Troxel, as Administrator with the Will and Codicil  
annexed of Katherine Winship Hayes, deceased, as Owner, and San Jose Cable  
TV Service, a joint venture composed of Standard Radio and Television Co., a  
California corporation, and Northwest Publications, Inc., a corporation, as  
Operator, as disclosed by Assignment to Gill Cable, Inc., a Delaware corporation  
dated March 11, 1972 and recorded March 22, 1972 in Book 9754 of Official  
Records, at page 448.

GILL INDUSTRIES, a California corporation, successor by merger to  
GILL CABLE, INC., a Delaware corporation

By: Allen T. Gilliland President By: Donald G. Daiker Asst. Secretary

STATE OF CALIFORNIA

COUNTY of

JURAT NOT COMPLETELY FILMED

On before me the undersigned, a Notary Public in and for said County  
and State, personally appeared

known to me to be the person whose name subscribed to the within instrument and acknowledged that  
same. WITNESS my hand and official seal  
My Commission Expires

Notary Public

NOTED 9 AS

MAIL TAX STATEMENTS AS DIRECTED ABOVE

FEB 27 1981

F 930 RE 333

CERTIFICATE OF ACCEPTANCE  
(GOVERNMENT CODE SEC. 27281)

This is to certify that the interest in real property conveyed by the foregoing deed, grant or other instrument dated February 25, 1981, from GILL INDUSTRIES, a California Corporation to the Midpeninsula Regional Open Space District, a public district, is hereby accepted by the undersigned on behalf of the District pursuant to authority conferred by resolution of the Board of Directors of the Midpeninsula Regional Open Space District bearing No. 81-4, adopted on January 28, 1981, and the grantee consents to recordation thereof.

Dated February 25, 1981.

MIDPENINSULA REGIONAL OPEN SPACE DISTRICT

By Richard S. Bishop

ATTEST:

Janet Fiddes  
District Clerk



FEB 27 1981

RECORDING REQUESTED BY  
**Valley Title Company**  
ORDER # 171266 ss  
APN 351-9-2 Code Area: 06-033  
WHEN RECORDED MAIL TO  
Midpeninsula Regional  
Open Space District  
375 Distel Circle, Suite D-1  
Los Altos, CA 94022  
Attn: L. Craig Britton

F 930 PAGE 334  
F 930 PAGE 334

REC FEE	DK
RECORD	
STAMP	
PAID	

6991517  
Recorded at the request of  
**Valley Title Company**  
FEB 27 1981 8:00 AM  
GEORGE A. MANN  
REGISTRAR - RECORDER  
Santa Clara County, Official Records

MAIL TAX STATEMENTS TO  
Name [ ]  
Street Address [ ]  
City & State [ ]  
PROPERTY CODE OF THE STATE OF CALIFORNIA  
SAME

TRANSFER TAXES  
FULL VALUE  
EQUITY  
REALTY NOT SOLD  
☒ Exempt

## Grant Deed

FOR A VALUABLE CONSIDERATION, WADLEIGH WINSHIP, a married man, as his separate property, as to an undivided 1/8 interest; and KATHERINE H. CORN, a single woman, as to an undivided 1/4 interest.

hereby GRANT(S) to MIDPENINSULA REGIONAL OPEN SPACE DISTRICT, a public district

the following described real property in the City of Palo Alto  
County of Santa Clara, State of California

The Southwest Quarter (SW-1/4), the South One-Half (S-1/2) of the Northwest Quarter (NW-1/4), and the Northeast Quarter (NE-1/4) of the Northwest Quarter (NW-1/4) of Section 13, Township 7 South Range 3 West, M.D.B. & M.

[JURAT NOT COMPLETELY FILLED]

Dated Feb. 6, 1981

Wadleigh Winship  
Katherine H. Korn  
WADLEIGH WINSHIP  
KATHERINE H. CORN

STATE OF CALIFORNIA }  
COUNTY OF SAN FRANCISCO } ss  
On January 30 1981 before me, the undersigned, a Notary Public in and for said State, personally appeared ANNE W. KELLEHER, attorney in fact for WADLEIGH WINSHIP.

known to me to be the person whose name is subscribed to the within instrument; and acknowledged that she executed the same WITNESS my hand and official seal.

Signature Linda S. Johnston

Linda S. Johnston  
(Name Typed or Printed)



(This area for official notarial seal)

FEB 27 1981

STATE

CERTIFICATE OF ACCEPTANCE  
(GOVERNMENT CODE SEC. 27281)

F 930 REC 336

This is to certify that the interest in real property conveyed by the foregoing deed, grant or other instrument dated February 6 1981, from Wadleigh Winship and Katherine H. COIN to the Midpeninsula Regional Open Space District, a public district, is hereby accepted by the undersigned on behalf of the District pursuant to authority conferred by resolution of the Board of Directors of the Midpeninsula Regional Open Space District bearing No. 81-4, adopted on January 28, 1981, and the grantee consents to recordation thereof.

Dated January 28, 19 81.

MIDPENINSULA REGIONAL OPEN SPACE DISTRICT

By Richard S. Bishop

ATTEST:

Jan H. Fiddes  
District Clerk



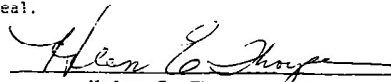
FEB 27 1981

F 930 PAGE 337

STATE OF MARYLAND }  
COUNTY OF MONTGOMERY } ss.

On February 6, 1981, before me, the undersigned, a Notary Public in and for said State, personally appeared KATHERINE H. CORN, known to me to be the person whose name is subscribed to the within instrument, and acknowledged that she executed the same.

WITNESS my hand and official seal.

  
Helen E. Thorpe, Notary

My Commission Expires: 7/1/82

(Seal)



FEB 27 1981

RECORDING REQUIRED BY <b>Valley Title Company</b>  ORDER #171266 ss APN 351-9-2 Code Area: 06-033 <small>WHEN RECORDED MAIL TO</small> Midpeninsula Regional Open Space District 375 Distel Circle, Suite D-1 Los Altos, CA 94022 Attn: L. Craig Britton		<b>F 930 REC 338</b>  <div style="border: 1px solid black; padding: 5px; display: inline-block;">         REC FEE          MICRO <input checked="" type="checkbox"/>          PREVIOUS <input type="checkbox"/>          SURE <input type="checkbox"/> </div>  <b>6991518</b> Recorded at the request of <b>Valley Title Company</b>  FEB 27 1981 800 AM <b>GEORGE A. MANN</b> REGISTRAR - RECORDER Santa Clara County, Official Records  <b>F 930 REC 338</b> SPACE ABOVE THIS LINE FOR RECORDER'S USE
MAIL TAX STATEMENTS TO Name _____ Street Address <b>SAME</b> City & State _____		TRANSFER TAX _____ FULL VALUE _____ EQUITY _____ REALTY NOT SOLD <input checked="" type="checkbox"/> Exempt

**Grant Deed**

RECORD WITHOUT FEE UNDER SECTION 6103  
GOVERNMENT CODE OF THE STATE OF CALIFORNIA

FOR A VALUABLE CONSIDERATION, ANNE W. KELLEHER, a married woman, as her separate property, as to an undivided 1/8 interest; and THOMAS S. HAYES, a married man, as his separate property, as to an undivided 1/4 interest hereby GRANT(S) to MIDPENINSULA REGIONAL OPEN SPACE DISTRICT, a public district

the following described real property in the City of Palo Alto  
 County of Santa Clara State of California

The Southwest Quarter (SW-1/4), the  
 South One-Half (S-1/2) of the Northwest  
 Quarter (NW-1/4), and the Northeast  
 Quarter (NE-1/4) of the Northwest Quarter  
 (NW-1/4) of Section 13, Township 7 South,  
 Range 3 West, M.D.B. & M.

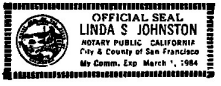
Dated Feb 6, 1981

STATE OF CALIFORNIA  
 COUNTY OF SAN FRANCISCO } ss  
 On January 30 1961 before me, the under-  
 signed, a Notary Public in and for said State, personally appeared  
ANNE W. KELLEHER

ANNE W. KELLEHER  
 ANNE W. KELLEHER

\_\_\_\_\_ whose name is \_\_\_\_\_ known to me  
 subscribed to the within  
 instrument and acknowledged that \_\_\_\_\_ she executed the same  
 WITNESS my hand and official seal

Signature Linda S. Johnston  
Linda S. Johnston  
(Name (Typed or Printed))



FEB 27 1981

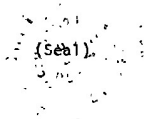
**MAIL TAX STATEMENTS TO: ABOVE ADDRESSEE**

STATE OF WASHINGTON     }  
COUNTY OF KING         } ss.

**F 930 339**

On February 6, 1981, before me, the undersigned, a Notary Public in and for said State, personally appeared THOMAS S. HAYES, known to me to be the person whose name is subscribed to the within instrument, and acknowledged that he executed the same.

WITNESS my hand and Official Seal.



Craig H. Brown  
Notary Public in King County  
My Commission expires: May 22, 1984

FEB 27 1981

F 930 P 340

CERTIFICATE OF ACCEPTANCE  
(GOVERNMENT CODE SEC. 27281)

This is to certify that the interest in real property conveyed by the foregoing deed, grant or other instrument dated February 6, 1981, from Anne W. Kelleher and Thomas S. Hayes to the Midpeninsula Regional Open Space District, a public district, is hereby accepted by the undersigned on behalf of the District pursuant to authority conferred by resolution of the Board of Directors of the Midpeninsula Regional Open Space District bearing No. 81-4, adopted on January 28, 1981, and the grantee consents to recordation thereof.

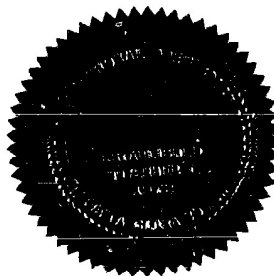
Dated January 28, 19 81.

MIDPENINSULA REGIONAL OPEN SPACE DISTRICT

By Richard C. Bork

ATTEST:

Jean H. Fiddes  
District Clerk



FEB 27 1981

before me, the undersigned, a Notary Public in and for said State, personally appeared ANNE W. KELLEHER

F 930 PEE 341

RECORDING REQUESTED BY

Valley Title Company  
ORDER # 171266 ss  
APN351-9-2 Code Area: 06-033  
WHEN RECORDED MAIL TO

Midpeninsula Regional  
Open Space District  
375 Distel Circle, Suite D-1  
Los Altos, CA 94022  
Atten: L. Craig Britton

MAIL TAX STATEMENTS TO

Name \_\_\_\_\_  
Street Address \_\_\_\_\_  
City & State \_\_\_\_\_

SAME

REC FEE ☒ DIX  
MICRO  
LIENHOLD  
SMPF

6991519  
Recorded at the request of  
Valley Title Company  
FEB 27 1981 8:00 AM  
GEORGE A. MANN  
REGISTRAR - RECORDER  
Santa Clara County, Official Records

SPACE ABOVE THIS LINE FOR RECORDER'S USE

TRANSFER TAXES  
FULL VALUE  
EQUITY  
REALTY NOT SOLD  
☒ EXEMPT

RECORDED WITHOUT FEE UNDER SECTION 6103  
GOVERNMENT CODE OF THE STATE OF CALIFORNIA

**Grant Deed**

3.5/-9-2

FOR A VALUABLE CONSIDERATION, H. DILLON WINSHIP, JR., a married man, as his separate property, as to an undivided 1/8 interest; and EMORY WINSHIP, a married man, as his separate property, as to undivided 1/8 hereby GRANT(S) TO MIDPENINSULA REGIONAL OPEN SPACE DISTRICT, a public district interest

the following described real property in the City of Palo Alto  
County of Santa Clara, State of California:

The Southwest Quarter (SW-1/4), the South One-Half (S-1/2) of the Northwest Quarter (NW-1/4), and the Northeast Quarter (NE-1/4) of the Northwest Quarter (NW-1/4) of Section 13, Township 7 South, Range 3 West, M.D.B. & M.

JURAT NOT COMPLETELY FILLED

Dated Feb 7, 1981

H. Dillon Winship, Jr.  
by Anne W. Kelleher, attorney  
H. DILLON WINSHIP, JR.

EMORY WINSHIP

STATE OF CALIFORNIA } ss  
COUNTY OF SAN FRANCISCO  
On January 30, 1981 before me, the undersigned, a Notary Public in and for said State, personally appeared ANNE W. KELLEHER, attorney in fact for H. DILLON WINSHIP, JR.

known to me to be the person whose name is subscribed to the within instrument and acknowledged that she executed the same.

WITNESS my hand and official seal.

Signature Linda S. Johnston  
Linda S. Johnston  
Name (Typed or Printed)

OFFICIAL SEAL  
LINDA S. JOHNSTON  
NOTARY PUBLIC - CALIFORNIA  
City & County of San Francisco  
My Comm. Exp. March 1, 1984

MAIL TAX  
STATEMENTS TO: ABOVE ADDRESSES

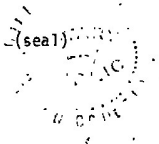
FEB 27 1981

STATE OF GEORGIA }  
COUNTY OF GLYNN } ss.

F 930 PAGE 343

On February 7th, 1981, before me, the undersigned, a Notary Public in and for the said State, personally appeared EMORY WINSHIP, known to me to be the person whose name is subscribed to the within instrument, and acknowledged that he executed the same.

WITNESS my hand and Official Seal



*William J. Shoney*  
My Commission expires: November 22, 1981.

FEB 27 1981

F 930 344

CERTIFICATE OF ACCEPTANCE  
(GOVERNMENT CODE SEC. 27281)

This is to certify that the interest in real property conveyed by the foregoing deed, grant or other instrument dated February 7, 1981, from H. Dillon Winship, Jr. and Emory Winship to the Midpeninsula Regional Open Space District, a public district, is hereby accepted by the undersigned on behalf of the District pursuant to authority conferred by resolution of the Board of Directors of the Midpeninsula Regional Open Space District bearing No. 81-4, adopted on January 28, 1981, and the grantee consents to recordation thereof.

Dated January 28, 1981.

MIDPENINSULA REGIONAL OPEN SPACE DISTRICT  
By Richard S. Bunch

ATTEST:

Jan H. Fiddes  
District Clerk

FEB 27 1981

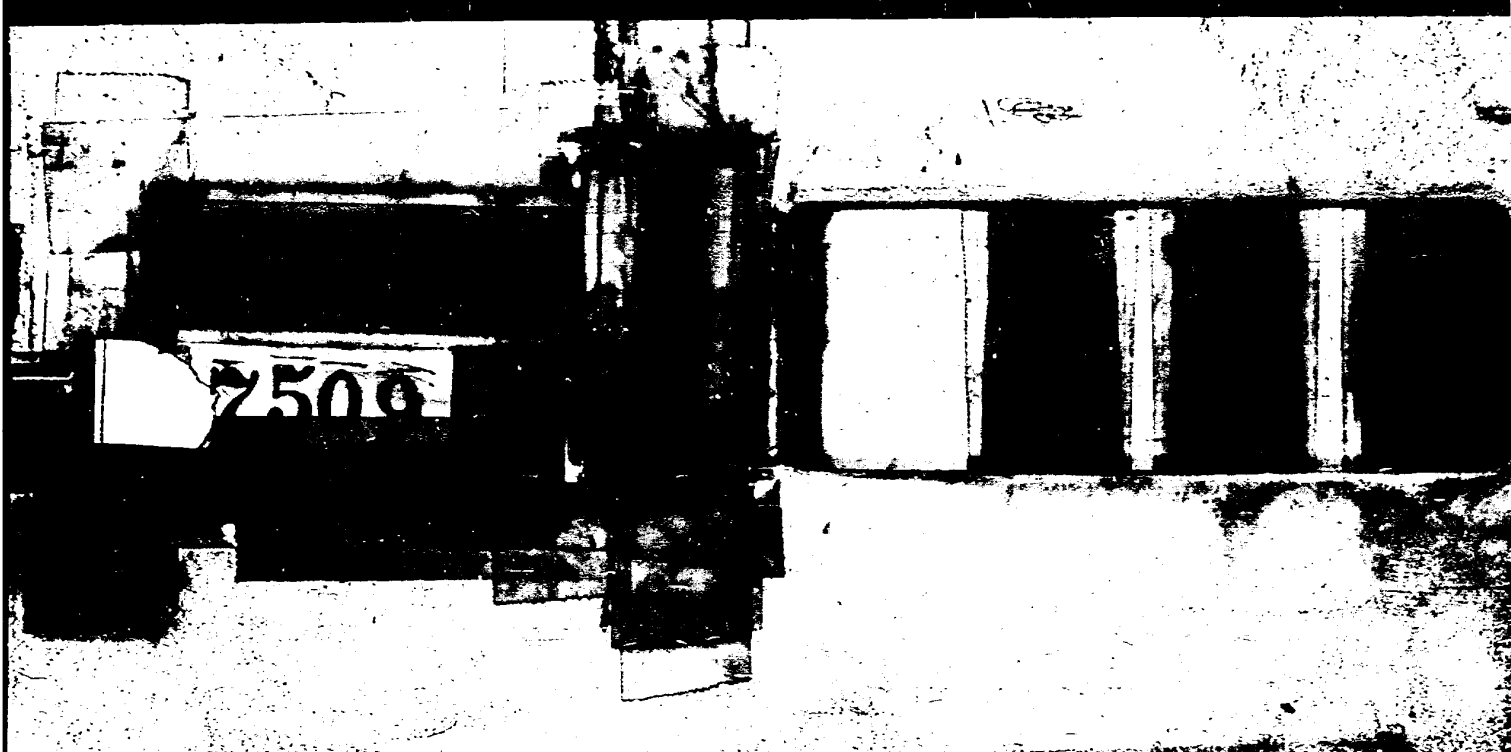


Exhibit B - Existing Utility Easements

BCCN 7509 PAGE 170

3119245

AFTER RECORDING, RETURN TO:

FOR RECORDER'S USE ONLY

3/ City of Palo Alto  
1313 NEWELL St. City of Palo Alto  
Palo Alto, Calif

OFFICIAL RECORDS  
SANTA CLARA COUNTY  
PAUL R. TELLMAN  
RECORDER

SEP 19 9 28 AM 1966

FILED FOR RECORD  
AT REQUEST OF

3119245  
BCCN 7509  
PAGE 170

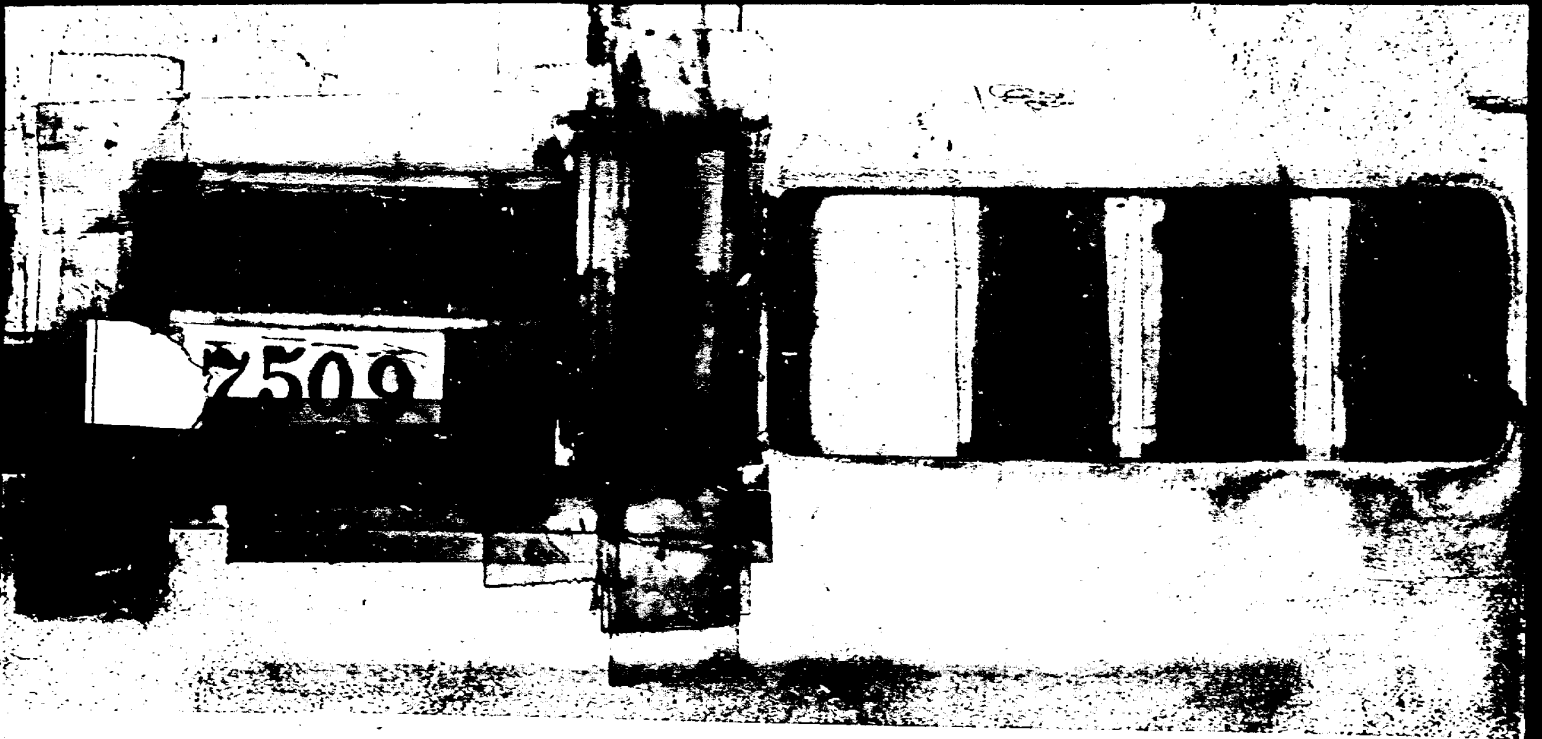
ASSIGNMENT

KNOW ALL MEN BY THESE PRESENTS:

That PACIFIC GAS AND ELECTRIC COMPANY, a California corporation, for good and valuable consideration to it in hand paid by CITY OF PALO ALTO, a municipal corporation, receipt of which is hereby acknowledged, has sold, assigned, transferred and set over, and does hereby sell, assign, transfer and set over unto City of Palo Alto all of its right, title and interest in, to and under the following grants of right of way:

1. Parts 3 and 4 described in the deed from Louis Oneal, Inc. to Pacific Gas and Electric Company dated May 1, 1929 and recorded in the office of the County Recorder of the County of San Mateo, State of California, in Volume 410 of Official Records at page 365 and recorded in the office of the County Recorder of the County of Santa Clara, State of California, in Volume 619 of Official Records at page 406.
2. The deed from Hugh L. Gottfried and others to Pacific Gas and Electric Co. and the Pacific Telephone and Telegraph Company dated October 9, 1958 and recorded in the office of the County Recorder of said County of Santa Clara in Volume 4238 of Official Records at page 400.
3. The deeds to Pacific Gas and Electric Company recorded in the office of the County Recorder of said County of Santa Clara.

<u>Grantor</u>	<u>Date</u>	<u>Recording</u>
Louis Oneal and wife	8-14-41	Volume 1048 of O. R., page 569
Louis Oneal, Inc.	8-14-41	Volume 1053 of O.R., page 538
Henry Dillon Winship and Edgar T. Zooh	8-26-41	Volume 1052 of O. R., page 552



BOOK 7509 PAGE 171

<u>Grantor</u>	<u>Date</u>	<u>Recording</u>
Bertha A. Hayes	8-14-41	Volume 1048 of O.R., page 567
George F. Morell and wife	8-26-41	Volume 1048 of O.R., page 562
Henry Dillon Winship and Katherine Winship Hayes	1-7-58	Unrecorded

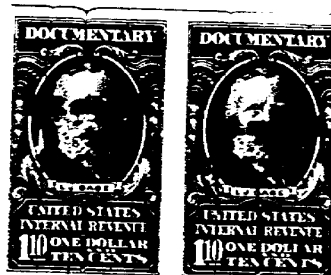
This assignment is executed pursuant to authorization contained in the order of the California Public Utilities Commission in Decision No. 69580 which was issued on August 24, 1965.

IN WITNESS WHEREOF the grantor herein has executed these presents this 30th day of June, 1966.

PACIFIC GAS AND ELECTRIC COMPANY

By J. G. Smith  
Its Vice President-Personnel and General Services

And By R. R. Wainband  
Its Secretary



APPROVED AS TO FORM

Aug 15 1966  
John F. Scholster  
CITY ATTORNEY

7509

62-4203 5-64 (CORPORATION)

STATE OF CALIFORNIA

City and County of San Francisco

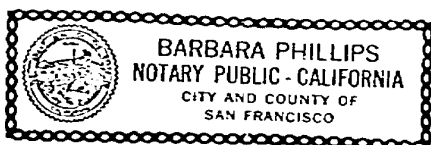
ss.

BOOK 7509 PAGE 172

On this 1 day of July, in the year 1966, before me, Barbara Phillips  
a Notary Public in and for the said City and County, duly commissioned and sworn, personally appeared  
J. G. Smith and E. E. Manhard

known to me to be the Vice President-Personnel and General Services, and the Secretary

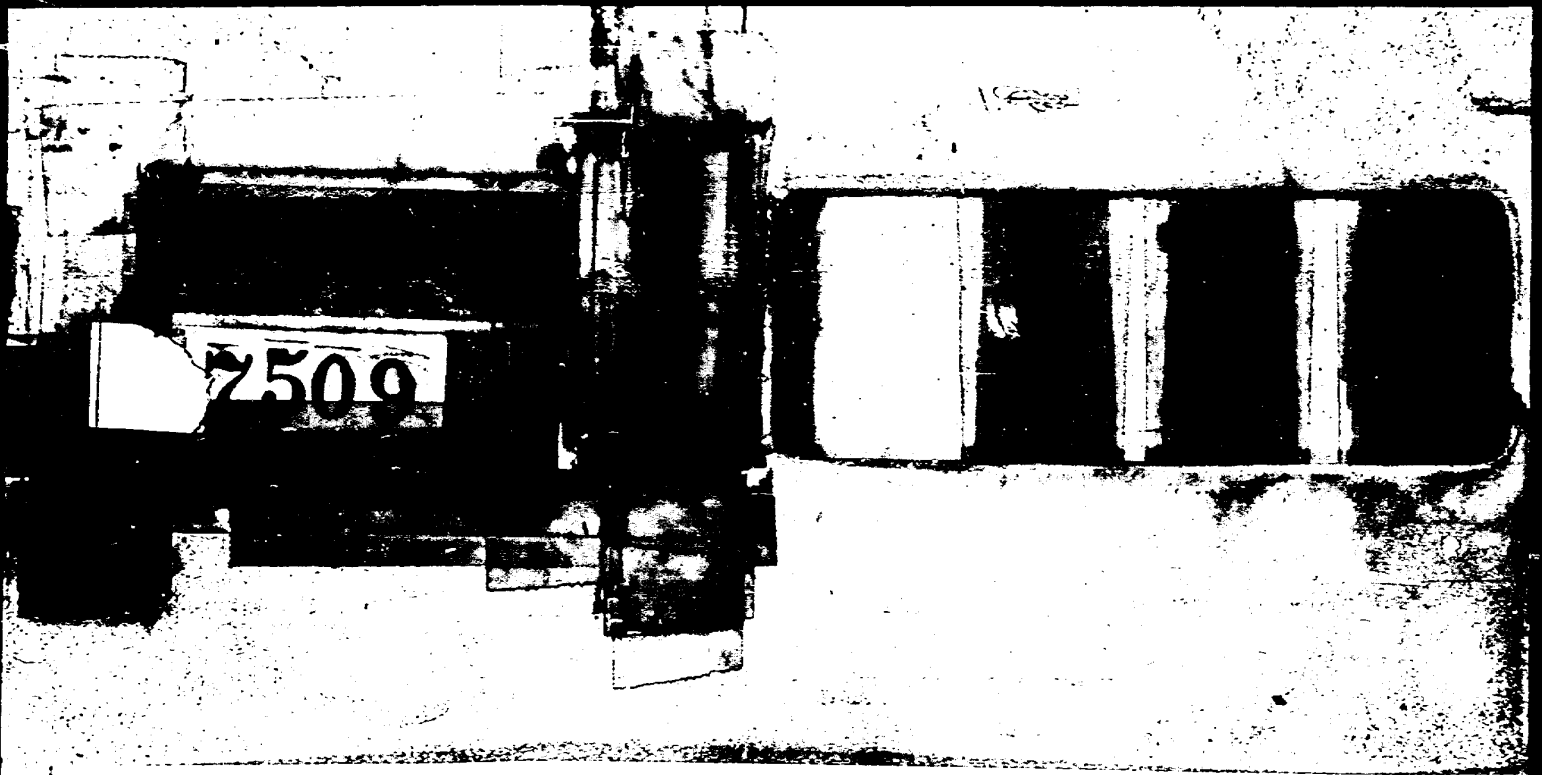
of the corporation that executed the within instrument, and to be the persons who executed the  
said instrument on behalf of said corporation therein named, and acknowledged to me that such  
corporation executed the within instrument pursuant to its by-laws or a resolution of its board of  
directors.



IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal in  
the City and County of San Francisco, the day and  
year in this certificate first above written.

Barbara Phillips  
Barbara Phillips

Notary Public in and for the City and County of San Francisco, State of California  
My Commission Expires June 1, 1968

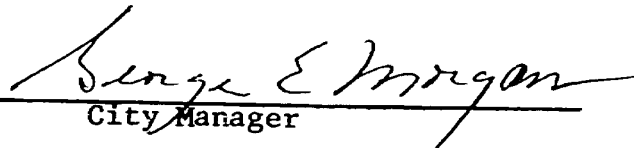


BOOK 7509 PAGE 173

CERTIFICATE OF ACCEPTANCE

This is to certify that the obligations and interest in real property conveyed by the Assignment of rights of way from Pacific Gas and Electric Company dated June 30, 1966 to the City of Palo Alto, a municipal corporation, is hereby accepted by the undersigned officer on behalf of the Council pursuant to authority conferred by resolution of the Council adopted on December 23, 1957 and the City of Palo Alto consents to recordation thereof by its duly authorized officer.

Dated August 25 1966.

  
City Manager

AFTER RECORDING MAIL TO:

City Clerk  
City of Palo Alto  
1313 Newell Road  
Palo Alto, California







STATE OF CALIFORNIA )

COUNTY OF SANTA CLARA)ss      Hugh A. Boyle and Cora Hansen Boyle, his wife, being duly sworn,  
say: That they are the owners of the property described in the foregoing notice; that they  
have read the foregoing notice and know the contents thereof, and that the same is true of  
their own knowledge.

Hugh A. Boyle                      Owner

Cora Hansen Boyle Owner

Subscribed and sworn to before me this 11th day of September 1941.

(NOTARIAL SEAL)

Zoe Mecklem, Notary Public in and for the  
County of Santa Clara, State of California  
FILING NO. 227988

Filed for record at the request of California Pacific Title & Trust Company  
Sep 15, 1941 at 21 min. past 2 o'clock P.M.

CHAS. A. PAYNE, RECORDER

J. H. Thomas, Deputy Recorder

Fee 1.00 3r

Compared Doc.

### Compared Book

[illegible]

## GRANT OF RIGHT OF WAY

213-35

### For Electric Transmission Lines

George F. Morell and Athene B. Morell, husband and wife, hereinafter called first party, in consideration of value paid therefor by Pacific Gas and Electric Company, a California corporation, hereinafter called second party, the adequacy and receipt whereof are hereby acknowledged, does hereby grant unto second party, its successors and assigns, the right and privilege of erecting, maintaining and using, for the transmission and distribution of electricity, a single line of Poles and such wires as second party shall from time to time suspend therefrom, and all necessary and proper guys, cross-arms, and braces, hardware and other appliances, for use in connection therewith, and also a right of way therefor, along each of the hereinafter described routes on and across those certain premises situate in the County of Santa Clara, State of California, described as follows, to-wit:

That certain 80 acre parcel of land, situate in section 14, township 7 south, range 3 west, M.D.B. & M., described and designated Parcel 1 in the deed executed by F.R. Braunworth et ux to George F. Morell et ux dated June 25, 1940 and recorded in Book 995 of Official Records, at page 104, records of said Santa Clara County, and the north half of the north half of the northeast quarter of Section 23, township 7 south, range 3 West, M.D.B. & M.

The route of said poles across said premises will be as follows:

**BEGINNING** at a point in the westerly boundary line of said 80 acre parcel of land from which a granite monument, marking the southeast corner of said section 14 bears south 63° 16' East 1501.7 feet distant, and running thence south 34° 38 1/2' east 3.3 feet; thence south 2° 55' west 807.00 feet; thence south 72° 19' East 208.0 feet; thence north 65° 31' East 1310 feet, more or less, to a point in the easterly boundary line of said section 14.

It is hereby expressly understood and agreed by and between the parties hereto that no trees or vines are to be removed or trimmed unless it be with the written consent of first party, Second party agrees to pay first party, upon demand, for any and all damage that may be done in constructing said lines, or in the care or maintenance of them thereafter.

IN WITNESS WHEREOF, first party has executed these presents this 26th day of August, 1941.

George F. Morell

Athene B. Morell

Executed in the presence of L. E. Wolbert, Witness

STATE OF CALIFORNIA )

COUNTY OF SAN MATEO )ss On this 30th day of August A. D. one thousand nine hundred and 41,  
before me, H. E. Higgins, a Notary Public in and for said county, residing therein, duly  
commissioned and sworn, personally appeared L. E. Wolbert known to me to be the same person  
whose name is subscribed to the within instrument, as a witness thereto, who, being duly  
sworn, deposed and said, that he resides in Redwood City, San Mateo Co. that he was present  
and saw George F. Morell and Athene B. Morell, (personally known to him to be the persons  
described in and who executed the said instrument, as parties thereto), sign and execute  
the same, and that the said George F. Morell and Athene B. Morell, duly acknowledged in the  
presence of said affiant, that they executed the same, and that he, the said affiant,  
thereupon and at their request, subscribed his name as a witness thereto.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, at my office, in the said County of San Mateo, the day and year in this certificate first above written.

(NOTARIAL SEAL)

H. E. Higgins, Notary Public in and for the  
County of San Mateo, State of California.

**FILING NO. 227989**

Filed for record at the request of Railway Express Agency, Inc. Sep 15, 1941  
at 22 min. past 2 o'clock P.M.

CHAS. A. PAYNE, RECORDER

Syl C. Tully, Deputy Recorder

Fee 1.20 7c

Compared Doc.

Compared Book

123456789101112131415161718192021222324252627282930313233343536373839404142434445464748495051525354555657585960616263646566676869707172737475767778798081828384858687888990919293949596979899100

**EXHIBIT C**  
**Underground Utility Easement Legal Description & Plat Map**

# Exhibit E - Form of Quitclaim Deed

## WHEN RECORDED MAIL TO:

Midpeninsula Regional Open Space District  
Attn: Real Property Department  
5050 El Camino Real  
Los Altos, CA 94022

Recording Requested By:  
City of Palo Alto, Attn: Utilities Department  
250 Hamilton Avenue, Palo Alto, CA 94301

## NO TRANSFER TAX DUE

Public agency relinquishing any  
interest previously recorded on  
August 14, 1941 (Volume 1053, Page  
538 & Volume 1048, Page 567) and  
August 26, 1941 (Volume 1048, Page  
562)

## QUITCLAIM DEED

## DULY RECORDED WITHOUT FEE

Pursuant to Government Code  
Sections 6103, 27383 & 27388

APNs 351-25-014, 351-06-025, 351-09-002 and 351-12-069

For Valuable Consideration, receipt of which is hereby acknowledged, **CITY OF PALO ALTO**, a California chartered municipal corporation, does

Hereby **REMISE, RELEASE AND QUITCLAIM** to **MIDPENINSULA REGIONAL OPEN SPACE DISTRICT**, a Public District formed pursuant to Article 3 of Chapter 3 of Division 5 of the California Public Resources Code,

Any and all of its right, title and interest to erect, maintain and use overhead electrical and communications facilities, including poles, wires, guys, anchors, crossarms, hardware, braces and other fixtures, facilities or appliances, along with any rights of way therefore, including the following three (3) easements assigned in the Assignment from Pacific Gas and Electric Company to City of Palo Alto, Official Records of Santa Clara County, recorded on September 19, 1966, Book 7509, Page 170:

<u>Grantor</u>	<u>Date</u>	<u>Recording</u>
Louis Oneal, Inc.	August 14, 1941	Volume 1053 of O.R., Page 538
Bertha A. Hayes	August 14, 1941	Volume 1048 of O.R., Page 567
George F. Morell and wife	August 26, 1941	Volume 1048 of O.R., Page 562

Being more particularly described in Exhibit "A" as attached hereto and incorporated by this reference.

**City of Palo Alto**

\_\_\_\_\_  
City Manager or Designee









# Exhibit F - Form of License Agreement

## CITY OF PALO ALTO ACCESS AND UTILITY LICENSE AGREEMENT

This License Agreement (“License”) is made and entered into this \_\_\_\_\_ day of \_\_\_\_\_, 2025 (“Agreement Date”) by and between **Midpeninsula Regional Open Space District**, a California special district, hereinafter called “District,” and **City of Palo Alto**, a California chartered municipal corporation, hereinafter called “Licensee” or “City.” District and Licensee are sometimes referred to herein individually as a “Party” and collectively as the “Parties.”

### RECITALS

WHEREAS, District is the owner of certain real property situated along Montebello Road at Monte Bello and Rancho San Antonio Open Space Preserves in the County of Santa Clara, State of California, known as Santa Clara County Assessor’s Parcel Numbers 351-25-014, 351-06-025, 351-09-002 and 351-12-069, shown on Exhibit A, attached hereto and incorporated herein by this reference (“District Property”); and

WHEREAS, Licensee holds right-of-way and utility easements for electric transmission lines across District Property, as assigned by Pacific Gas and Electric Company from Louis Oneal, Inc., Bertha Hayes, and George Morell (collectively, “Existing Utility Easements”), in the locations generally depicted on Exhibit A; and

WHEREAS, Licensee wishes to convert its existing overhead electric lines and facilities to underground electric and communications lines and facilities along Montebello Road within District Property (the “Project”), which lines and facilities are generally shown on Exhibit B, attached hereto and incorporated herein by this reference; and

WHEREAS, the Project will take place on District Property in the designated areas (the “License Area”) shown on the construction plans, specifications and best management practices approved by the City and District (collectively “Construction Plans”), which Construction Plans are attached hereto as Exhibit C, and incorporated herein by this reference; and

WHEREAS, Licensee and District are, in addition to this License, entering into an Exchange Agreement wherein the District will grant a new easement for Licensee’s underground utility facilities in exchange for Licensee quitclaiming to District its rights to maintain overhead utility facilities on the District Property (“Exchange”); and

WHEREAS, Licensee and District desire to enter into this License to allow Licensee to commence work on the Project on District Property prior to the Exchange;

NOW THEREFORE, District and Licensee agree:

- 1) Incorporation. The above Recitals and the exhibits attached to this License are hereby incorporated herein and made a part hereof.

- 2) License Area. District hereby grants to Licensee and its agents, consultants, contractors, subcontractors and employees a revocable, non-exclusive license to use those certain portions of District Property designated as the “License Area” on Exhibit C, subject to the terms and conditions contained herein. No other portion of the District Property shall be used by Licensee without the District’s prior written consent.
- 3) Term. This License shall become effective as of the Agreement Date and, unless earlier terminated pursuant hereto, shall expire on December 31, 2025 or upon closing of the Exchange, whichever comes first. Upon mutual agreement of the Parties, the term of this License may be extended in the event that the Project is not yet complete.
- 4) Use. The Licensee must use the License Area in strict accordance with this License.
  - a) Project Description. The Project includes the following general categories of work on the District Property (the “Work”): (1) installing and commissioning underground electrical and fiber optic communications lines and related facilities under, across and along Montebello Road via a boring construction method, where practicable, as it crosses District Property; (2) decommissioning, removal and disposal of all existing overhead electrical and communications lines, poles, and related fixtures and facilities currently installed on District Property; and (3) repairing and restoring the License Area to the condition that existed upon the Agreement Date, or as otherwise agreed upon in Construction Plans or this License, and to the extent damaged by Licensee, any portion of District Property outside the License Area.
  - b) Licensee Responsibility for Project. Licensee agrees that it will, with respect to the District, be solely responsible for all aspects of the Project and for the acts and omissions of its agents, consultants, contractors, subcontractors, employees and invitees and for persons directly or indirectly employed by them.
  - c) Project Work. Licensee must perform the Work in accordance with the Construction Plans, unless the District pre-approves any changes in writing. District will designate individuals with authority to approve such changes promptly to avoid work delays. If there is any impact to District Property outside the License Area, the Licensee must provide a detailed proposal to District identifying the extent and duration of the impact and the Licensee’s proposed plan to restore impacted District Property to its original condition or better prior to expiration of the License. The Licensee’s proposal is subject to the District’s prior written approval, which approval shall not be unreasonably withheld, delayed, or conditioned.
  - d) Compliance with Laws. The License Area shall not be used for any other purpose without District's prior written consent. Licensee shall not use the License Area or permit anything to be done in or about the License Area which will in any way conflict with any statute, ordinance, rule, regulation, or other statement of lawful governmental authority now in force or which may hereafter be promulgated (collectively “Regulations”), and shall at its own

expense abide by and comply with any and all such Regulations regulating the use of the License Area. Such Regulations shall be deemed to include the then-current "Ordinance for Use of Midpeninsula Regional Open Space District Lands," which is incorporated into the License by this reference.

- e) Protection of District Property. District and City have conducted a site visit to identify District Property, improvements, or resources that may be affected by the Work. The Parties acknowledge, however, that not all portions of District Property that may be affected by the Work can be identified before the Project commences. Licensee is solely responsible for any damage to the License Area or other portions of District Property caused by Licensee or its agents, consultants, contractors, subcontractors, employees and invitees. Licensee shall protect District Property and improvements or resources from damage or loss, including vegetation, pathways, roadways, structures and utilities not designated for removal or alteration. Unless specified otherwise in the Construction Plans or through approved changes, Licensee shall repair or provide replacement for any such damage or loss to the District's reasonable satisfaction, all at no cost to District. When Licensee is working in or around existing vegetation, Licensee shall take adequate measures to preserve and protect all vegetation that is to remain. Particular care must be taken not to debark trees, break limbs, or damage root systems.
  - f) Project Completion. When the Project is complete, Licensee shall request from District a final inspection of the Work. District shall make the final inspection within ten (10) calendar days of the request. If District determines that the Work has been completed in accordance with this License, District will accept the Project in writing. Upon acceptance, Licensee shall be relieved of maintaining and protecting the License Area. District's acceptance shall not be unreasonably withheld, delayed, or conditioned. If District determines that the Work is not complete or in accordance with this License, Licensee shall be notified in writing of deficiencies and Licensee shall again initiate the procedure for final inspection after all such deficiencies are corrected. Concurrently with District's acceptance of the Work, Licensee shall provide District with a copy of the "as-built" drawings showing the installed location of the underground facilities for District's reference.
- 5) Maintenance and Repair. Licensee acknowledges that it has inspected the License Area, and Licensee accepts the License Area "as is" in the condition existing at commencement hereof. Licensee recognizes that the District Property is open to the public for recreational uses and that Licensee's work must be performed in such a manner as to accommodate public use on the District Property.
- a) Licensee, at Licensee's sole expense, shall maintain the License Area in a safe and sanitary condition, and good working order and repair, and shall keep the License Area free from trash and other debris for the duration of the Project. Site inspections of the License Area may be conducted by District to ensure that the License Area is properly maintained, but Licensee shall be responsible for initiating, maintaining and supervising all safety precautions and programs on the

- Project. If the District determines that the License Area is not being maintained in accordance with this section, or if District notices any other issues that represent a breach of the License or threat to District Property or the public health, safety or welfare, District may suspend the Work and take actions necessary to remedy the issue. District shall not assume Licensee's responsibilities by such actions and does not thereby release Licensee from its obligations under this License. At the end of each workday, Licensee shall make the worksite safe for recreational use or shall provide the District with at least 24 hours' advance written notice if the worksite cannot be made safe for recreational use; provided, however, that such notice shall not release Licensee from its obligation to maintain the License Area in a safe condition.
- b) Licensee shall not obstruct roads or trails that are to remain open during construction and shall allow unencumbered access through Preserve gate entrances. Licensee shall not close or obstruct driveways, trails, or other public passageways without District's permission. In the event that any road or trail needs to be closed in association with the Project, Licensee shall give District five (5) days' written notice so that District may post the closure notice.
- 6) Alterations. Licensee shall not make or permit to be made any alterations, additions or improvements ("Alterations") to or of the License Area, except those set forth in the Construction Plans, without the prior written consent of District.
- 7) Liens. Licensee shall keep the License Area free from any liens arising out of any work performed, materials furnished or obligations incurred by Licensee in connection with the Project.
- 8) Surrender of License Area. At least fifteen (15) days prior to the expiration or termination of the License, Licensee, at its sole cost and expense, shall: (1) remove all equipment, materials, tools or other personal property from the License Area; and (2) restore the License Area to the condition that existed upon the Agreement Date and repair any other portion of District Property disturbed or damaged by Licensee, as required by this License.
- 9) Waiver of Claims and Indemnification.
- a) Licensee waives all claims against District for damage to property, including the Work and any Alterations thereto, and any equipment or machinery, and/or injury or death to persons occurring in, on, or about the District Property, from any cause arising at any time, except as may be caused by the District's negligence or willful misconduct.
  - b) Each Party (the "Indemnitor") shall indemnify, defend, and hold harmless the other Party ("Indemnitee") and its officers, employees, agents, administrators, successors, and assigns, from and against any and all claims made or threatened by any third party and all related losses, expenses, damages, costs and liabilities, including reasonable attorneys' fees and expenses incurred in investigation or defense, to the extent the foregoing arise out of or relate to any error, negligent

act, omission or willful misconduct by the Indemnitor, its employees, agents, contractors, subcontractors or invitees.

- c) The Indemnitee shall promptly notify the Indemnitor once it is aware of a potential action and shall cooperate with the Indemnitor in all reasonable respects in connection with the defense of any such action at the expense of the Indemnitor. The Indemnitor may, upon written notice to the Indemnitee, undertake to conduct all proceedings or negotiations in connection with the action, assume the defense thereof, including settlement negotiations in connection with the action, and will be responsible for the costs of such defense, negotiations and proceedings. The Indemnitor will have sole control of the defense and settlement of any claims for which it provides indemnification hereunder, provided that the Indemnitor will not enter into any settlement of such claim without the prior approval of the Indemnitee, which approval will not be unreasonably withheld, delayed, or conditioned. The Indemnitee shall have the right to retain separate counsel and participate in the defense of the action or claim at its own expense.

10) Insurance.

- a) Licensee, at Licensee's sole expense, shall maintain and keep in force during the term of this License a policy of general liability insurance against claims for bodily injury, personal injury, death and/or property damage arising from Licensee's use of the License Area, or from any occurrence in, on, about, or related to the License Area with limits which shall not be less than Two Million Dollars (\$2,000,000.00) per occurrence. District shall be named as an additional insured on such policy. Upon District's request, City shall promptly furnish to District an endorsement evidencing such insurance coverage. Licensee shall require any contractors performing work on District Property to maintain insurance satisfying the above requirements. The District acknowledges that Licensee's insurance requirements may be satisfied in whole or in part by adequately funded self-insurance programs or self-insured retentions that have been pre-approved by the District. Licensee agrees to furnish a certificate of its contractor(s)'s insurance to District, and evidence of any self-insurance program for Licensee coverage, naming District as an additional insured upon District's request. All such liability insurance shall insure performance by Licensee of the indemnity provisions hereof, and the policy shall contain a cross-liability endorsement. No such policy of insurance shall be cancelable or subject to reduction of coverage or other modification except after thirty (30) days prior written notice. The limits of said insurance shall in no event be deemed to limit the liability of Licensee hereunder.
- b) District shall have no obligation to insure against any loss to Licensee's Improvements, fixtures, machinery, equipment, or other personal property in or about the License Area occurring from any cause whatsoever, and Licensee shall have no interest in the proceeds of any insurance carried by District.

11) Default.

- a) The occurrence of any of the following shall constitute a material default of this License by Licensee:
    - (i) The abandonment of the License Area by Licensee; or
    - (ii) After District provides Licensee written notice of a failure by Licensee to observe and perform any provision of this License to be observed or performed by Licensee, Licensee fails to cure such failure within fifteen (15) calendar days. If the failure cannot be cured within fifteen (15) calendar days, Licensee will not be in default of this License Agreement if Licensee commences performance of such cure within such fifteen (15) calendar day period and thereafter diligently prosecutes the same to completion.
  - b) In the event of any such material default by Licensee, and in addition to any other remedies available to District at law or in equity, this License and all rights of the Licensee hereunder shall be terminated upon delivery by District of notice of such termination to Licensee. Upon such termination, District may recover from Licensee any amount necessary to compensate District for all the detriment proximately caused by Licensee's failure to perform Licensee's obligations under this License or which in the ordinary course of things would be likely to result therefrom, including but not limited to all expenses incurred by District in connection with demolishing structures or removing facilities and debris, and removing any other property left by Licensee, on District Property.
  - c) In addition to the remedies provided above, in the event Licensee shall fail to perform any obligation to be performed by Licensee under this License, District may, but shall not be obligated to do so, perform or pay the same or cause the same to be performed or paid, and Licensee shall promptly upon demand by District therefore, reimburse to District all costs reasonably incurred by District in connection therewith.
- 12) Entry by District. District shall, at any and all reasonable times, have the right to enter onto the License Area to inspect the same, to post notices of non-responsibility, and to alter, improve or repair the License Area; provided, however, that District agrees not to alter, improve or repair areas under active construction without first obtaining Licensee's written approval, which shall not be unreasonably withheld, conditioned or delayed, unless waiting for Licensee's approval may result in unsafe conditions at the worksite. Licensee hereby waives any claim for damages for any loss of occupancy or quiet enjoyment of the License Area occasioned thereby.
- 13) Waiver. The waiver by District of any breach of any term, covenant, or condition herein contained shall not be deemed to be a waiver of such term, covenant, or condition or any subsequent breach of the same or any other term, covenant, or condition hereof.
- 14) A copy of this License Agreement shall be available on site at all times.

- 15) Notices. All notices, statements, demands, requests, approvals, or consents (collectively “notices”) given hereunder by either party to the other shall be made in writing and shall be served personally or by first class mail, certified or return receipt requested, postage prepaid, and addressed to the parties as follows:

District: Midpeninsula Regional Open Space District  
Attn: Real Property Manager  
5050 El Camino Real  
Los Altos, CA 94022  
(650) 691-1200 (telephone)  
(650) 691-0485 (fax)

Licensee: City of Palo Alto  
Attn: Utilities Electric Engineering  
250 Hamilton Avenue  
Palo Alto, CA 94301  
(650) 329-2161

With a copy to

City of Palo Alto  
Attn: Real Property Manager  
250 Hamilton Avenue  
Palo Alto, CA 94301

or to such other address as either party may have furnished to the other as a place for the service of notice. Any notice so served by mail shall be deemed to have been delivered three (3) days after the date posted.

- 16) No Property Interest. City shall not acquire any interest or estate in District’s property pursuant to this License. City has elected to commence the Project at its risk and only the Exchange will provide City with permanent rights to maintain the underground utility facilities on District Property.
- 17) Entire Agreement. This License along with any exhibits and attachments constitutes the entire agreement and between the Parties with respect to the matters herein. Any and all prior oral or written agreements by and between the Parties and their agents or representatives relative to the matters herein are superseded entirely by this License. This License shall not be construed more strongly against either Party regardless of who is responsible for its preparation.
- 18) Parties Not Agents or Partners. Notwithstanding anything to the contrary in this License, neither Party shall be deemed an agent for the other Party under this License and the Parties shall not be deemed partners on the Project.

19) General.

- a) This License contains all of the terms, covenants, and conditions agreed to by District and Licensee, and this License may not be modified orally or in any manner other than by an agreement in writing signed by all of the Parties to this License or their respective successors in interest.
- b) When the context of this License requires, the masculine gender includes the feminine, a corporation, or a partnership, and the singular number includes the plural.
- c) The captions of this License are for convenience only and are not a part of this License and do not in any way limit or amplify the terms and provisions of this License.
- d) This License shall be governed and construed in accordance with the laws of the State of California with venue in the County of Santa Clara.
- e) Time is of the essence as to all of the provisions of this License as to which time of performance is a factor.
- f) All terms, conditions or obligations in this License which by their nature are to be performed or observed following expiration or termination of this Agreement shall survive.
- g) Neither Party may assign any part of this License without the other's prior written consent.

Space intentionally left blank

IN WITNESS WHEREOF, the Parties hereto have caused this Agreement to be executed by their duly authorized officers to be effective as of the date of final execution by District in accordance with the terms hereof.

DISTRICT:

MIDPENINSULA REGIONAL OPEN  
SPACE DISTRICT

LICENSEE:

CITY OF PALO ALTO

\_\_\_\_\_  
Ana M. Ruiz, General Manager

\_\_\_\_\_  
City Manager or designee

\_\_\_\_\_  
Date

\_\_\_\_\_  
Date

ATTEST:

APPROVED AS TO FORM:

\_\_\_\_\_  
Maria Soria, District Clerk

\_\_\_\_\_  
City Attorney or designee

Date: \_\_\_\_\_

APPROVED AS TO FORM:

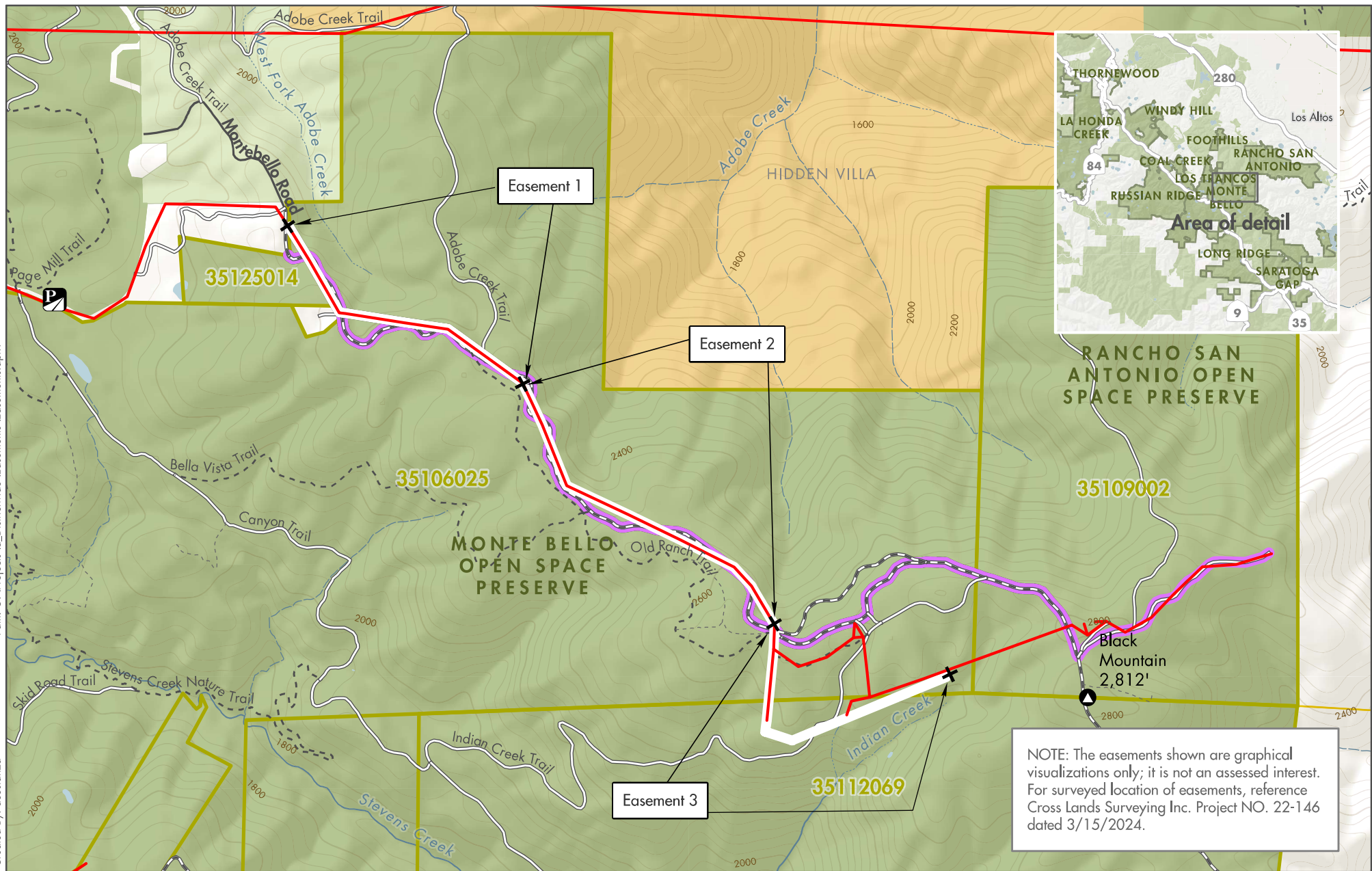
\_\_\_\_\_  
Hilary Stevenson, General Counsel

Attachments

Exhibit A – Site Map

Exhibit B – Alignment Plan

Exhibit C – Construction Plans



## Exhibit A - Site Map

- |                       |                         |
|-----------------------|-------------------------|
| Midpen preserves      | Trail                   |
| Other protected lands | Unpaved all-season road |
| Private property      | Unpaved seasonal road   |
| County parcel         | Paved road              |

- |  |  |
|--|--|
|  | Proposed underground utility easement<br>(MROSD to grant to City of Palo Alto) |
|  | Existing overhead utility easement<br>(City of Palo Alto to vacate)            |
|  | Existing overhead electrical line  |

Midpeninsula Regional  
Open Space District  
(Midpen)  
4/3/2025



Miles 0 0.125 0.25



LOCATION 17 - LB30070

## INSTALL

1 - 3' X 5' CPA3546 PRIMARY VAULT UNDER 4'  
X 6' LOAD BREAK PAD 30070  
1 - 4' X 6' LOAD BREAK PAD 30070  
1 - 30" X 48" PG3048 OR SIMILAR INNER SIZE  
FIBER BOX WITH FULL TRAFFIC TOP

## LOCATION 18 - PB40406

## INSTALL

1 - 3' X 5' CPA3546 PRIMARY VAULT #40406  
WITH FULL TRAFFIC COVER  
1 - 30" X 48" PG3048 OR SIMILAR INNER SIZE  
FIBER BOX WITH FULL TRAFFIC TOP

## LOCATION 19 - XFMR PAD

## INSTALL

1 - 54" X 60" XFMR PAD

## LOCATION 20 - PB40409

## INSTALL

1 - 3' X 5' CPA3546 PRIMARY VAULT #40409  
WITH FULL TRAFFIC COVER  
1 - 30" X 48" PG3048 OR SIMILAR INNER SIZE  
FIBER BOX WITH FULL TRAFFIC TOP

## CPAU CONDUIT INSTALLATION

BETWEEN LOCATION 16 & 17  
~550' - 2-3.63" PRIMARY CONDUIT FROM NEW  
PB 40416 TO NEW LB 30070  
~550' - 1- 3.63" FIBER CONDUIT FROM NEW  
FIBER BOX TO NEW FIBER BOX

BETWEEN LOCATION 17 & 18  
 ~275' - 1-3.63" PRIMARY CONDUIT FROM NEW  
 LB30070 TO NEW PB 40406  
 ~275' - 1- 3.63" FIBER CONDUIT FROM NEW  
 FIBER BOX TO NEW FIBER BOX

BETWEEN LOCATION 18 & 19  
~10' - 1-3.63" PRIMARY CONDUIT FROM NEW  
PB 40406 TO NEW XFMR PAD

BETWEEN LOCATION 19 &amp; 19A

~60' - 1-3.63" SECONDARY CONDUIT FROM  
NEW XFMR PAD TO EXISTING JUNCTION  
BOX

BETWEEN LOCATION 17 & 20  
 ~700' - 2-3.63" PRIMARY CONDUIT FROM NEW  
 LB 30070 TO NEW PB 40409  
 ~700' - 1- 3.63" FIBER CONDUIT FROM NEW  
 FIBER BOX TO NEW FIBER BOX

NO WORK TO BE DONE PAST LOCATION 19 UNTIL  
APPROVAL FROM CPAU ENGINEERING FOR  
EASEMENT RELOCATION. DRAWINGS INCLUDED  
FOR REFERENCE ONLY

### LEGEND

- RED- NEW, INSTALL ELECTRICAL
- MAGENTA- NEW, INSTALL FIBER
- GREEN - REMOVE
- BLACK-EXISTING

DESIGNED BY: Patrick Valath  
 DATE: 07/08/2017

APPROVED \_\_\_\_\_

**P. VALATH**  
 SR. ENGINEER / MANAGER

ENGR.	<b>P. VALATH</b>	DR
DRWN	<b>A. RIDS</b>	DR
CHKD.	<b>P. VALATH</b>	PU

FOOTHILL FIRE MITIGATION PROJECT  
PHASE 4  
MP NEXTLEVEL SUBSTRUCTURE



City of Palo Alto  
California  
UTILITIES, ELECTRIC ENGINEERING

DATE	APPR.	DESCRIPTION	
MAP #	CKT #	SCALE	W.O.# / DRAWING #
---	HV-20	NTS	40027598
		SHEET	5 OF 10



**CALL TWO WORKING DAYS  
BEFORE YOU DIG**

**1-800-227-2600**  
**UNDERGROUND SERVICE ALERT**

## LOCATION 20 - PB40409

INSTALL  
1- 3' X 5' CPA3546 PRIMARY VAULT #40409  
WITH FULL TRAFFIC COVER  
1- 30" X 48" PG3048 OR SIMILAR INNER SIZE  
FIBER BOX WITH FULL TRAFFIC TOP

## LOCATION 21 - PB40405

**INSTALL**  
**1 - 3' X 5' CPA3546 PRIMARY VAULT #40405**  
**WITH FULL TRAFFIC COVER**  
**1 - 30" X 48" PG3048 OR SIMILAR INNER SIZE**  
**FIBER BOX WITH FULL TRAFFIC TOP**

LOCATION 22 - PB40404

**INSTALL**  
**1 - 3' X 5' CPA3546 PRIMARY VAULT #40404**  
**WITH FULL TRAFFIC COVER**  
**1 - 30" X 48" PG3048 OR SIMILAR INNER SIZE**  
**FIBER BOX WITH FULL TRAFFIC TOP**

## LOCATION 23 - PB40403

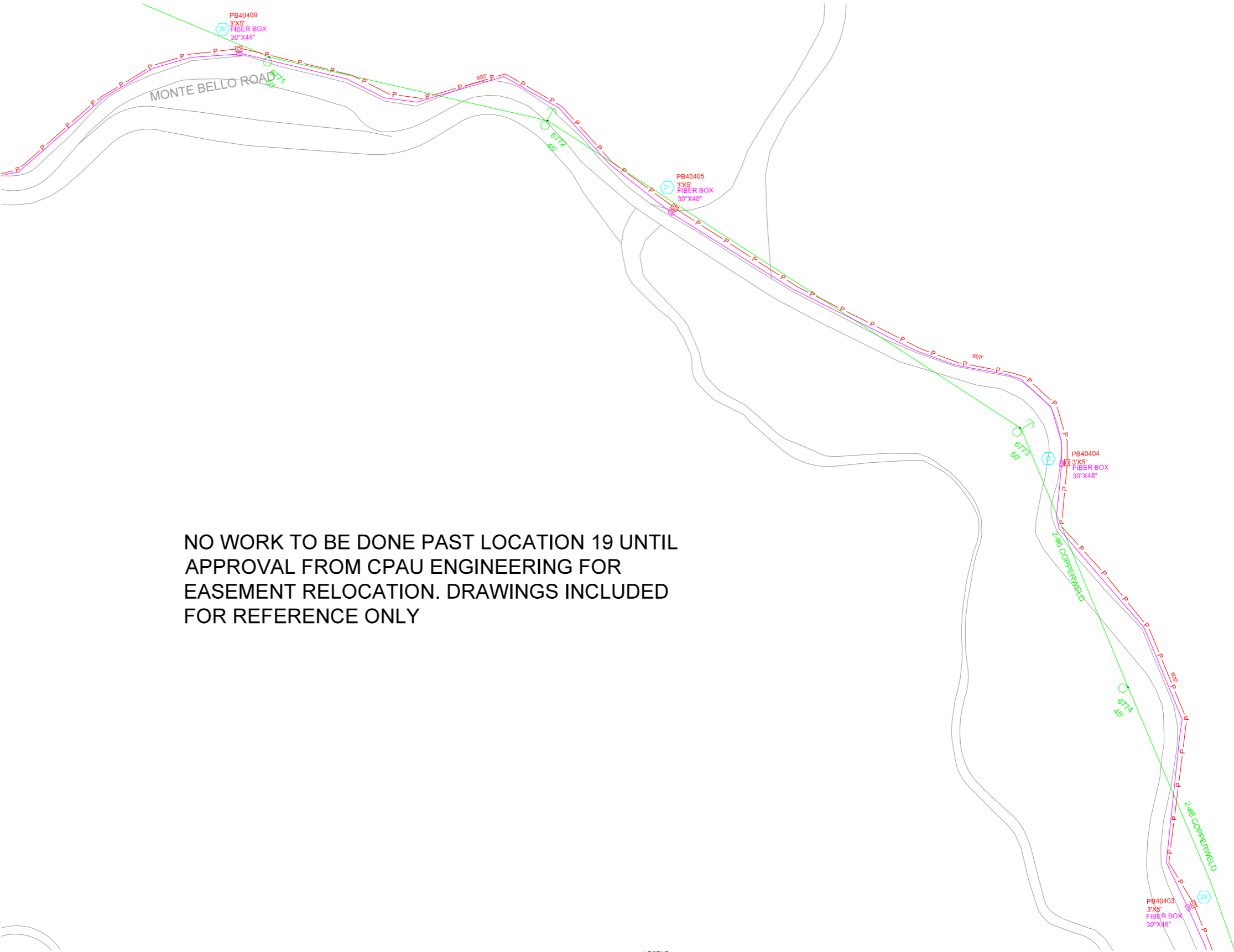
**INSTALL**  
**1 - 3' X 5' CPA3546 PRIMARY VAULT #40403**  
**WITH FULL TRAFFIC COVER**  
**1 - 30" X 48" PG3048 OR SIMILAR INNER SIZE**  
**FIBER BOX WITH FULL TRAFFIC TOP**

## CPAU CONDUIT INSTALLATION

BETWEEN LOCATION 20 & 21  
~600' - 1-3.63" PRIMARY CONDUIT FROM NEW  
PB 40409 TO NEW PB 40405  
~600' - 1- 3.63" FIBER CONDUIT FROM NEW  
FIBER BOX TO NEW FIBER BOX

BETWEEN LOCATION 21 & 22  
~600' - 1-3.63" PRIMARY CONDUIT FROM NEW  
PB 40405 TO NEW PB 40404  
~600' - 1- 3.63" FIBER CONDUIT FROM NEW  
FIBER BOX TO NEW FIBER BOX

BETWEEN LOCATION 22 & 23  
~600' - 1-3.63" PRIMARY CONDUIT FROM NEW  
PB 40404 TO NEW PB 40403  
~600' - 1- 3.63" FIBER CONDUIT FROM NEW  
FIBER BOX TO NEW FIBER BOX



NO WORK TO BE DONE PAST LOCATION 19 UNTIL  
APPROVAL FROM CPAU ENGINEERING FOR  
EASEMENT RELOCATION. DRAWINGS INCLUDED  
FOR REFERENCE ONLY

**LEGEND**

- -RED- NEW, INSTALL ELECTRICAL
- -MAGENTA- NEW, INSTALL FIBER
- -GREEN - REMOVE
- -BLACK-EXISTING

APPROVED \_\_\_\_\_

Designed by:  
*Patrick Valath*  
 CP-0803/3774281

---

**P.VALATH**

---

SR. ENGINEER / MANAGER

ENGR.	<b>P. VALATH</b>	ON	<b>66</b>
DRWN	<b>V. RIOS</b>	ON	<b>66</b>
CHKD.	<b>P. VALATH</b>	ON	<b>66</b>

FOOTHILL FIRE MITIGATION PROJECT  
PHASE 4  
MP NEXTLEVEL SUBSTRUCTURE

---

 City of Palo Alto  
California  
UTILITIES, ELECTRIC ENGINEERING

DATE	APPR.	DESCRIPTION	
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---	HV-20	NTS	40027598
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LOCATION 24 - PB40402

**INSTALL**  
**1 - 3' X 5' CPA3546 PRIMARY VAULT #40402**  
**WITH FULL TRAFFIC COVER**  
**1 - 30" X 48" PG3048 OR SIMILAR INNER SIZE**  
**FIBER BOX WITH FULL TRAFFIC TOP**

LOCATION 25 - PB40401

**INSTALL**  
**1 - 3' X 5' CPA3546 PRIMARY VAULT #40401**  
**WITH FULL TRAFFIC COVER**  
**1 - 30" X 48" PG3048 OR SIMILAR INNER SIZE**  
**FIBER BOX WITH FULL TRAFFIC TOP**

LOCATION 26 - PB40400

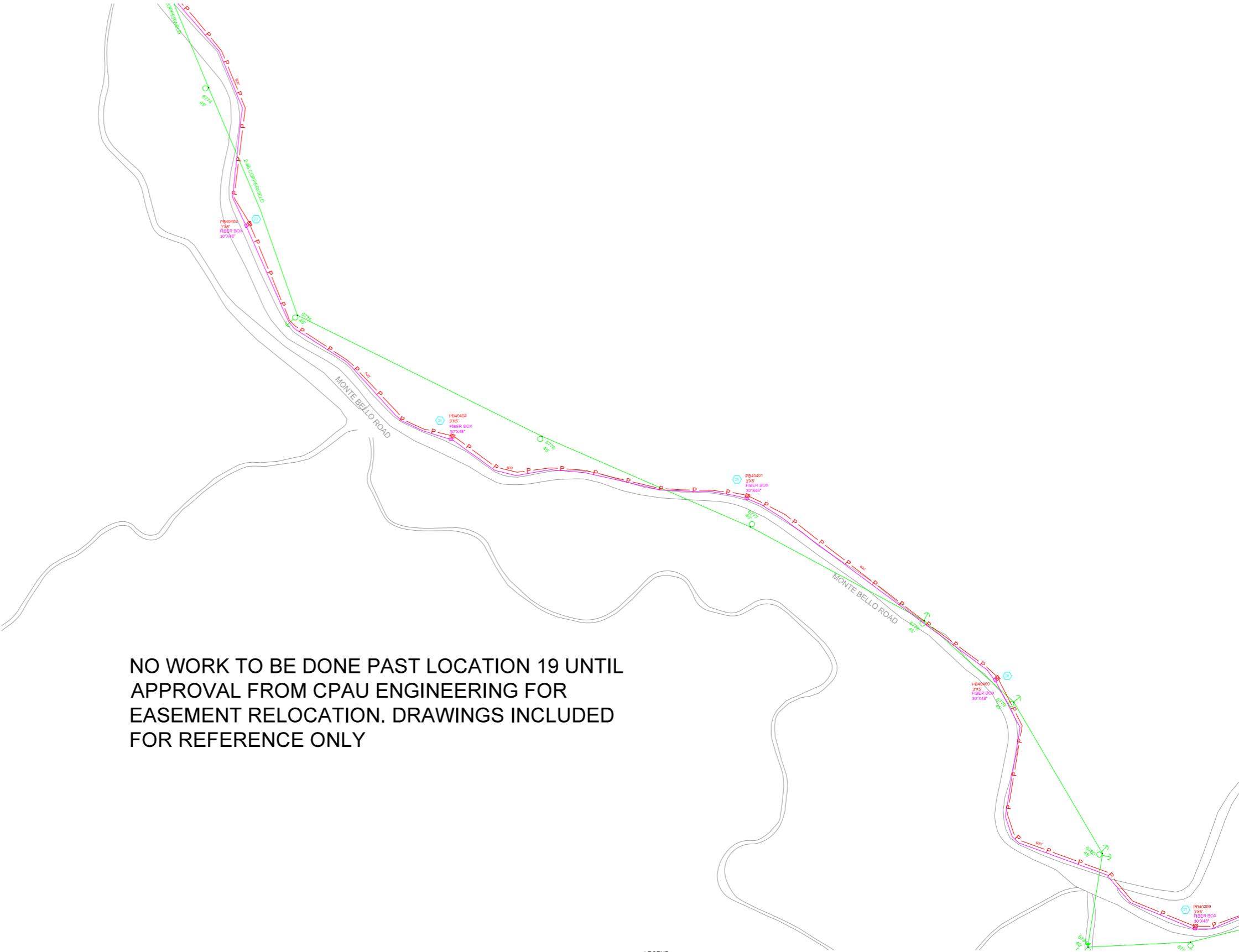
**INSTALL**  
**1 - 3' X 5' CPA3546 PRIMARY VAULT #40400**  
**WITH FULL TRAFFIC COVER**  
**1 - 30" X 48" PG3048 OR SIMILAR INNER SIZE**  
**FIBER BOX WITH FULL TRAFFIC TOP**

## CPAU CONDUIT INSTALLATION


BETWEEN LOCATION 24 & 25  
 ~600' - 1-3.63" PRIMARY CONDUIT FROM NEW  
 PB 40402 TO NEW PB 40401  
 ~600' - 1-3.63" FIBER CONDUIT FROM NEW  
 FIBER BOX TO NEW FIBER BOX

BETWEEN LOCATION 25 & 26  
 ~600' - 1-3.63" PRIMARY CONDUIT FROM NEW  
 PB 40401 TO NEW PB 40400  
 ~600' - 1-3.63" FIBER CONDUIT FROM NEW  
 FIBER BOX TO NEW FIBER BOX

BETWEEN LOCATION 26 & 27  
~600' - 1-3.63" PRIMARY CONDUIT FROM NEW  
PB 40400 TO NEW PB 40399  
~600' - 1-3.63" FIBER CONDUIT FROM NEW  
FIBER BOX TO NEW FIBER BOX



NO WORK TO BE DONE PAST LOCATION 19 UNTIL  
APPROVAL FROM CPAU ENGINEERING FOR  
EASEMENT RELOCATION. DRAWINGS INCLUDED  
FOR REFERENCE ONLY

<b>LEGEND</b> ● RED-NEW, INSTALL ELECTRICAL ● MAGENTA- NEW, INSTALL FIBER ● GREEN - REMOVE ● BLACK-EXISTING		Designed by: <b>Patrick Valath</b> Checked by: <b>P.VALATH</b> SR. ENGINEER / MANAGER		<b>FOOTHILL FIRE MITIGATION PROJECT</b> <b>PHASE 4</b> <b>MP NEXTLEVEL SUBSTRUCTURE</b>  <b>City of Palo Alto</b> <b>California</b> UTILITIES, ELECTRIC ENGINEERING		DATE: _____ APPR. _____ DESCRIPTION: _____	
ENGR.	P.VALATH Grossman	EC	MAP #	--- DKT #	SCALE	W.O.# / DRAWING #	
DRWN	V.ROSS Grossman	EC	---	HY-20		40027598	
CHKD.	P.VALATH	PLV			NTS	SHEET 7 OF 10	

## LOCATION 27 - PB40399

**INSTALL**  
**1- 3' X 5' CPA3546 PRIMARY VAULT #40399**  
**WITH FULL TRAFFIC COVER**  
**1- 30" X 48" PG3048 OR SIMILAR INNER SIZE**  
**FIBER BOX WITH FULL TRAFFIC TOP**

## LOCATION 28 - LB30060

**INSTALL**  
**1 - 3' X 5' CPA3546 PRIMARY VAULT UNDER 3'**  
**X 5' LOAD BREAK PAD 30060**  
**1 - 3' X 5' LOAD BREAK PAD 30060**

## LOCATION 29 - XFMR PAD

**INSTALL**  
1 - 54" X 60" XFMR PAD

## LOCATION 30

## INSTALL

LOCATION 30B - PB40397

**INSTALL**  
**1 - 3' X 5' CPA3546 PRIMARY VAULT #40397**  
**WITH FULL TRAFFIC COVER**

## LOCATION 31

**INSTALL**  
1 - 30" X 48" PG3048 OR SIMILAR INNER SIZE  
FIBER BOX WITH FULL TRAFFIC TOP

## LOCATION 32 - PB40396

**INSTALL**  
**1 - 3' X 5' CPA3546 PRIMARY VAULT #40396**  
**WITH FULL TRAFFIC COVER**  
**1 - 30" X 48" PG3048 OR SIMILAR INNER SIZE**  
**FIBER BOX WITH FULL TRAFFIC TOP**

## CPAU CONDUIT INSTALLATION

BETWEEN LOCATION 26 & 27  
~600' - 1 -3.63" PRIMARY CONDUIT FROM  
NEW PB 40400 TO NEW PB 40399  
~600' - 1-3.63" FIBER CONDUIT FROM NEW  
FIBER BOX TO NEW FIBER BOX

BETWEEN LOCATION 27 & 28  
~600' - 1 -3.63" PRIMARY CONDUIT FROM  
NEW PB 40399 TO NEW LB 30060

BETWEEN LOCATION 28 & 29  
~25' - 1 -3.63" PRIMARY CONDUIT FROM NEW  
LB 30060 TO NEW XFMR PAD

BETWEEN LOCATION 29 & 30  
~10' - 4-3.63" SECONDARY CONDUIT FROM  
NEW 54" X 60" XFMR PAD TO NEW 24" X 36"  
JUNCTION BOX

BETWEEN LOCATION 30 & 30A  
~95' - 1-3.63" SECONDARY CONDUIT FROM  
NEW 24" X 36" JUNCTION BOX TO EXISTING  
JUNCTION BOX

BETWEEN LOCATION 30 & 30B  
~585' - 1-3.63" SECONDARY CONDUIT FROM  
NEW 24" X 36" JUNCTION BOX TO NEW PE  
40397

BETWEEN LOCATION 30B & 30C  
~6' - 1 - 3.63" SECONDARY CONDUIT FROM  
PB 40397 TO NEW 3" RISER

BETWEEN LOCATION 30 & 32  
~400'- 1-3.63" PRIMARY CONDUIT FROM NEW  
LB 30060 TO NEW PB 40396

BETWEEN LOCATION 27 & 31  
~600' - 1-3.63" FIBER CONDUIT FROM NEW  
FIBER BOX TO NEW FIBER BOX

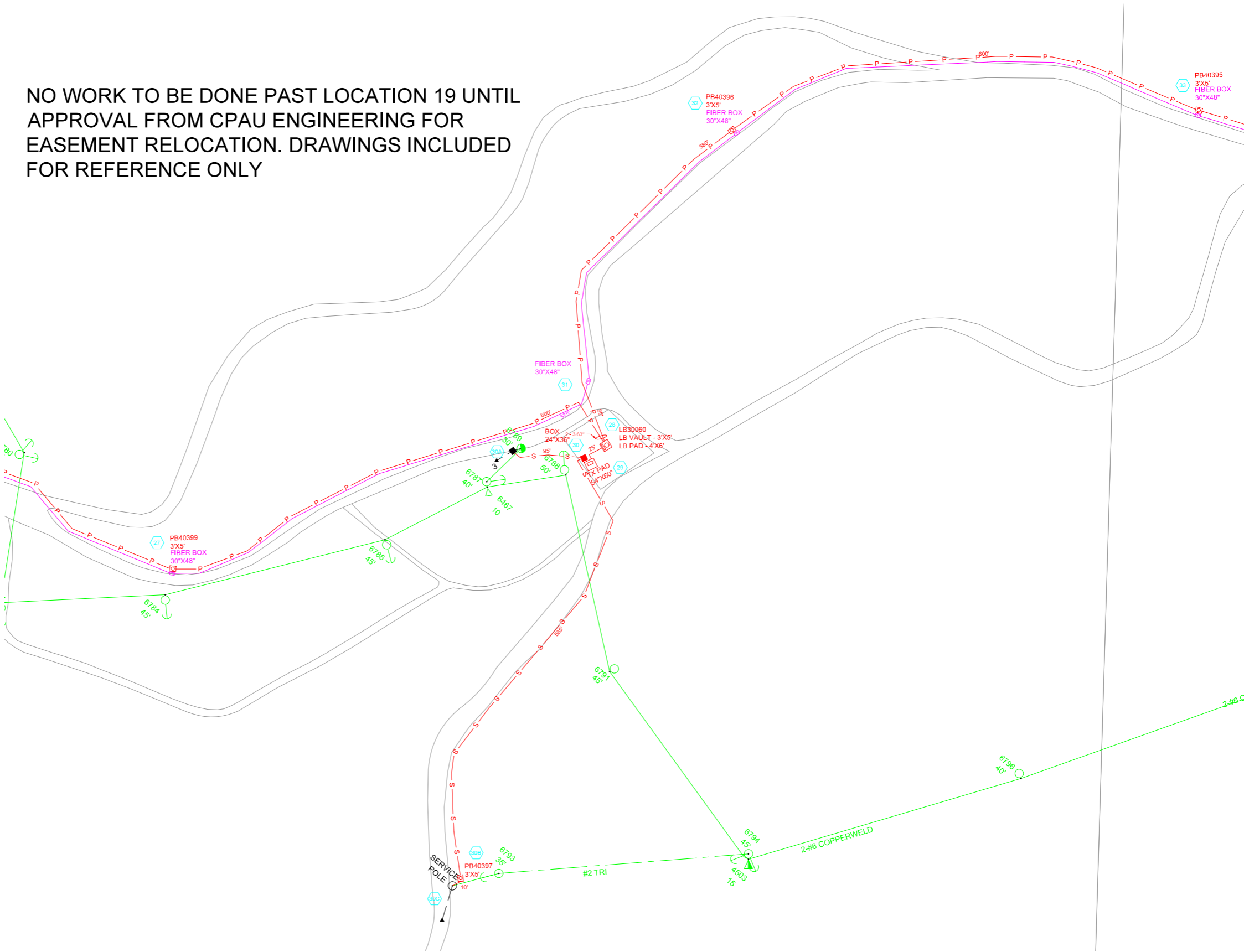
BETWEEN LOCATION 31 & 32  
~400' - 1-3.63" FIBER CONDUIT FROM NEW  
FIBER BOX TO NEW FIBER BOX

BETWEEN LOCATION 32 & 33  
~600' - 1-3.63" PRIMARY CONDUIT FROM NEW  
PB 40396 TO NEW PB 40395  
~600' - 1-3.63" FIBER CONDUIT FROM NEW  
FIBER BOX TO NEW FIBER BOX

\*\*\*\*NOTE\*\*\*\*

THE SCOPE OF WORK BETWEEN LOCATION 30, 30B, & 30C MAY BE REMOVED AS OPEN SPACE MAY NOT NEED CPAU ELECTRIC SERVICE

NO WORK TO BE DONE PAST LOCATION 19 UNTIL  
APPROVAL FROM CPAU ENGINEERING FOR  
EASEMENT RELOCATION. DRAWINGS INCLUDED  
FOR REFERENCE ONLY



**LEGEND**

- RED- NEW, INSTALL ELECTRICAL
- MAGENTA- NEW, INSTALL FIBER
- GREEN - REMOVE
- BLACK-EXISTING

APPROVED \_\_\_\_\_

Designed by:  
*Patrick Valath*  
 CP-00357-9774381

**P. VALATH**

SR. ENGINEER / MANAGER

ENGR.	<b>P. VALATH</b>	OS
DRWN	<b>V. RIOS</b>	OS
CHKD.	<b>P. VALATH</b>	PL

FOOTHILL FIRE MITIGATION PROJECT  
PHASE 4  
MP NEXTLEVEL SUBSTRUCTURE



City of Palo Alto  
California  
UTILITIES, ELECTRIC ENGINEERING

DATE		APPR.	DESCRIPTION	
MAP #	CKT #	SCALE	W.O.# / DRAWING #	
---	HV-20		40027598	
		NTS	SHEET	8 OF 10



LOCATION 33 - PB40395

INSTALL  
1 - 3' X 5' CPA3546 PRIMARY VAULT #40395  
WITH FULL TRAFFIC COVER  
1 - 30" X 48" PG3048 OR SIMILAR INNER SIZE  
FIBER BOX WITH FULL TRAFFIC TOP

LOCATION 34 - PB40394

INSTALL  
1 - 3' X 5' CPA3546 PRIMARY VAULT #40394  
WITH FULL TRAFFIC COVER  
1 - 30" X 48" PG3048 OR SIMILAR INNER SIZE  
FIBER BOX WITH FULL TRAFFIC TOP

LOCATION 35 - LB30059

INSTALL  
1 - 3' X 5' CPA3546 PRIMARY VAULT UNDER 4'  
X 6' LOAD BREAK PAD 30059  
1 - 4' X 6' LOAD BREAK PAD 30059  
1 - 30" X 48" PG3048 OR SIMILAR INNER SIZE  
FIBER BOX WITH FULL TRAFFIC TOP

LOCATION 36 - XFMR PAD

INSTALL  
1 - 54" X 60" XFMR PAD

LOCATION 37

INSTALL  
1 - 24" X 36" JUNCTION BOX

LOCATION 37A

INSTALL  
1 - 3" RISER

LOCATION 37B

INSTALL  
1 - 24" X 36" JUNCTION BOX

LOCATION 37C

INSTALL  
1 - 3" RISER

CPAU CONDUIT INSTALLATION

BETWEEN LOCATION 33 & 34  
~600' - 1-3.63" PRIMARY CONDUIT FROM NEW  
PB 40395 TO NEW PB 40394  
~600' - 1-3.63" FIBER CONDUIT FROM NEW  
FIBER BOX TO NEW FIBER BOX

BETWEEN LOCATION 34 & 35  
~600' - 1-3.63" PRIMARY CONDUIT FROM NEW  
PB 40394 TO NEW LB 30059  
~600' - 1-3.63" FIBER CONDUIT FROM NEW  
FIBER BOX TO NEW FIBER BOX

BETWEEN LOCATION 35 & 36  
~5' - 1-3.63" PRIMARY CONDUIT FROM NEW  
LB 30059 TO NEW XFMR PAD

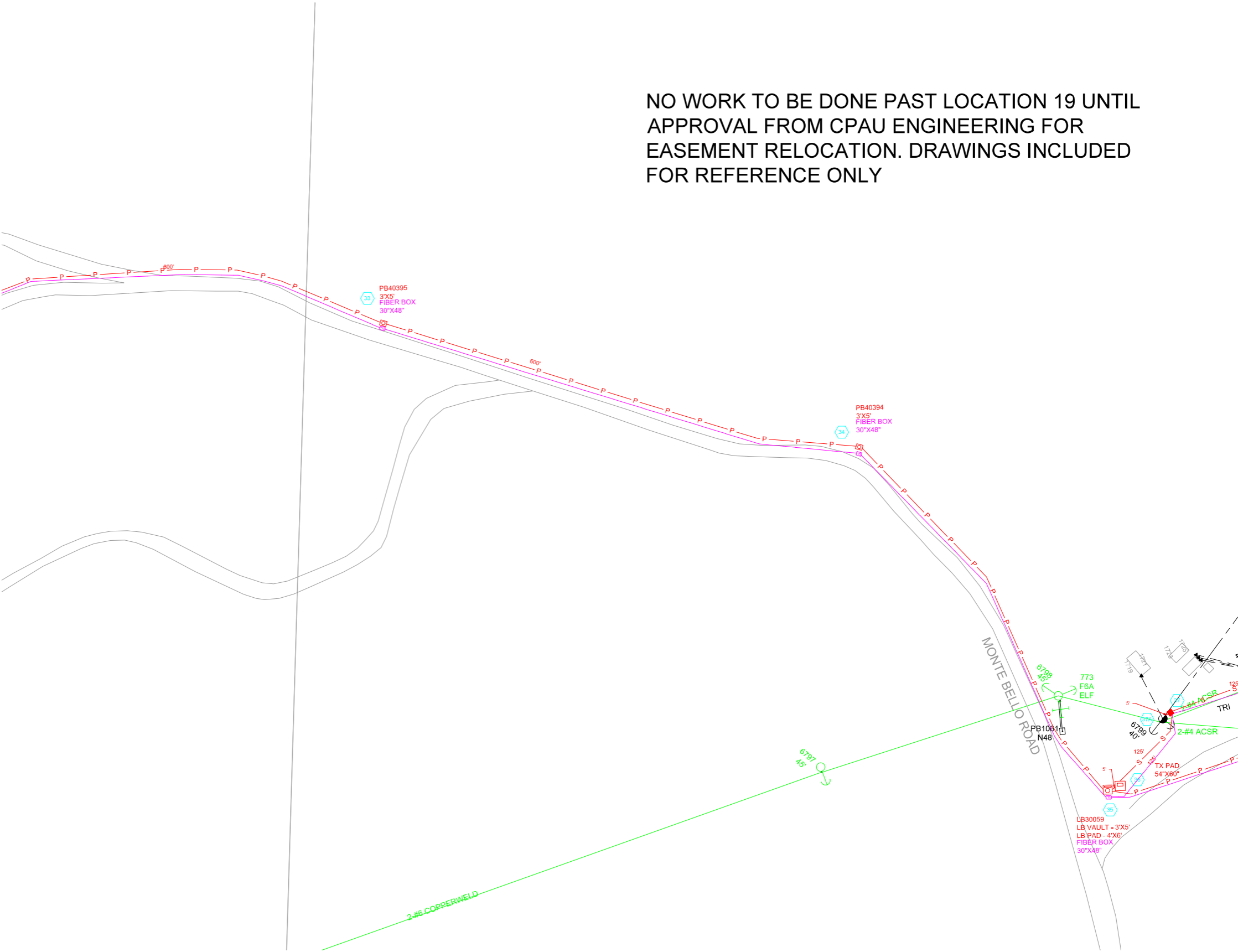
BETWEEN LOCATION 36 & 37  
~125' - 1-3.63" SECONDARY CONDUIT FROM  
NEW XFMR PAD TO NEW 24X36 SECONDARY  
BOX  
~125' - 1-3.63" FIBER CONDUIT FROM NEW  
FIBER BOX TO NEW 24X36 SECONDARY BOX

BETWEEN LOCATION 37 & 37A  
~5' - 1-3.63" SECONDARY CONDUIT FROM  
NEW 24X36 SECONDARY BOX TO POLE 6799

BETWEEN LOCATION 37 & 37B  
~125' - 1-3.63" SECONDARY CONDUIT FROM  
NEW 24X36 SECONDARY BOX TO NEW 24X36  
SECONDARY BOX  
~125' - 1-3.63" FIBER CONDUIT FROM NEW  
24X36 SECONDARY BOX TO NEW 24X36  
SECONDARY BOX

BETWEEN LOCATION 37B & 37C  
~5' - 1-3.63" SECONDARY CONDUIT FROM  
NEW 24X36 SECONDARY BOX TO POLE 6800

NO WORK TO BE DONE PAST LOCATION 19 UNTIL  
APPROVAL FROM CPAU ENGINEERING FOR  
EASEMENT RELOCATION. DRAWINGS INCLUDED  
FOR REFERENCE ONLY



LEGEND

- RED- NEW, INSTALL ELECTRICAL
- MAGENTA- NEW, INSTALL FIBER
- GREEN - REMOVE
- BLACK-EXISTING



APPROVED		P. VALATH	
ENGR.		P. VALATH	
DRWN.		P. VALATH	
CHKD.		P. VALATH	

FOOTHILL FIRE MITIGATION PROJECT			
PHASE 4			
MP NEXTLEVEL SUBSTRUCTURE			
City of Palo Alto			
California			
UTILITIES, ELECTRIC ENGINEERING			

DATE	APPR.	DESCRIPTION	
MAP #	CKT #	SCALE	W.O.# / DRAWING #
			40027598
		NTS	SHEET 9 OF 10



Exhibit C - Construction Plans

FOOTHILLS FIRE MITIGATION  
CONSTRUCTION SET  
SUBSTRUCTURE AND REMOVAL

LEGEND

- FD. MONUMENT AS NOTED
- 4000 FD. MONUMENT ID NUMBER
- 4000\* FD. MONUMENT HELD IN BOUNDARY DETERMINATION
- SET GPS CONTROL POINT AS NOTED
- WORK LOCATION
- FIELD LOCATED POWER POLE TO BE REMOVED
- FIELD LOCATED POWER POLE TO REMAIN
- NEW 3'X5' PRIMARY POWER VAULT
- NEW 4'X6' LOADBREAK PAD
- NEW 4.5'X5' TRANSFORMER PAD
- NEW 2.5'X4' FIBER VAULT
- EXISTING SECONDARY POWER VAULT TO REMAIN
- PROPOSED BORE PIT LOCATION
- OVERHEAD UTILITY SERVICE DROP TO REMAIN
- MATCHLINE
- NEW ELECTRIC UNDERGROUND CONDUIT
- NEW FIBER UNDERGROUND CONDUIT
- FIELD LOCATED CENTERLINE GRAVEL/DIRT ROAD
- EDGE OF GRAVEL ROAD
- GPS MEASURED BASELINE
- FORMER PARCEL LINES
- APPROX. LOCATION C/L FORMER PG&E EASEMENTS NOW BELONGING TO CITY OF PALO ALTO
- PROPOSED TEMPORARY STAGING AREA
- OVERHEAD POWER LINE TO BE REMOVED
- PARCEL BOUNDARY
- PROPOSED EASEMENT BOUNDARIES (LICENSE AREA)

TABLE OF CONTENTS

CONSTRUCTION DOCUMENTS:

SHEET 1 – TITLE

SHEET 2 – SUBSTRUCTURE

SHEET 3 – SUBSTRUCTURE

SHEET 4 – SUBSTRUCTURE

SHEET 5 – SUBSTRUCTURE

SHEET 6 – SUBSTRUCTURE

SHEET 7 – SUBSTRUCTURE

SHEET 8 – SUBSTRUCTURE

SHEET 9 – SUBSTRUCTURE

SHEET 10 – SUBSTRUCTURE

SHEET 11 – SUBSTRUCTURE

SHEET 12 – SUBSTRUCTURE

SHEET 13 – SUBSTRUCTURE

SHEET 14 – SUBSTRUCTURE

SHEET 15 – REMOVAL

SHEET 16 – REMOVAL

SHEET 17 – REMOVAL

SHEET 18 – REMOVAL

SHEET 19 – REMOVAL

SHEET 20 – REMOVAL

SHEET 21 – REMOVAL

SHEET 22 – REMOVAL

SHEET 23 – REMOVAL

SHEET 24 – REMOVAL

SHEET 25 – REMOVAL

SHEET 26 – REMOVAL

SHEET 27 – REMOVAL

APPENDIX:

1. BEST MANAGEMENT PRACTICES FOR ON-SITE HANDLING OF SPOILS

2. BEST MANAGEMENT PRACTICES FOR CONSTRUCTION

3. DISCOVERY OF HUMAN REMAINS OR BURIAL ITEMS

4. VAULT SPECIFICATIONS – OLDCASTLE

5. VAULT PHOTO EXAMPLES

6. EQUIPMENT PHOTO EXAMPLES

7. TEMPORARY STAGING AREA LAYOUT

8. CONDUIT SPECIFICATIONS: DURA-LINE SMOOTHWALL

9. PROJECT AREA SURVEY 3/15/24


10. DT-SS-U-1003 UNDERGROUND DUCT LINES


1-800-227-2600

UNDERGROUND SERVICE ALERT



PROJECT AREA

APPROVED		FOOTHILL FIRE MITIGATION PROJECT PHASE 4 TITLE SHEET		DATE	APPR.	DESCRIPTION
P.VALATH SR. ENGINEER / MANAGER						
ENGR.	B. GROSSMAN		City of Palo Alto California UTILITIES, ELECTRIC ENGINEERING	MAP #	CKT #	SCALE
DRWN	B. GROSSMAN					
CHKD.	P.VALATH			NTS	W.O.# / DRAWING # 40027598	
					SHEET 1 OF 27	

APPROVED _____ <div style="border: 1px solid black; padding: 2px; text-align: center;"> <b>P.VALATH</b>  <small>SR. ENGINEER / MANAGER</small> </div>		<div style="text-align: center;"> <b>FOOTHILL FIRE MITIGATION PROJECT</b>  <b>PHASE 4</b>  <b>SUBSTRUCTURE</b> </div> <div style="text-align: center; margin-top: 20px;">  <div style="display: inline-block; text-align: center;"> <b>City of Palo Alto</b>  <b>California</b>  <small>UTILITIES, ELECTRIC, ENGINEERING</small> </div> </div>		DATE _____ APPR. _____ DESCRIPTION _____
ENGR. <b>B. GROSSMAN</b>				
DRWN. <b>B. GROSSMAN</b>	MAP # _____ CKT # _____ HV-20 _____			SCALE _____ NTS _____
CHKD. <b>P.VALATH</b>				W.O.# / DRAWING # <div style="text-align: center; font-size: 1.2em;"> <b>40027598</b> </div> <div style="display: flex; justify-content: space-between; font-size: 0.8em;"> <span>SHEET</span> <span>2 OF 27</span> </div>

WORK DONE PREVIOUSLY TO LOCATION 17, 18, AND 19. FURTHER WORK REQUIRES EASEMENT FROM MID-PENINSULA OPEN SPACE. THESE DRAWINGS ARE OVERLAYED ON THE MOST RECENT SURVEY OF THE AREA DATED 3.15.2024. THIS DRAWING PACKAGE HAS REMOVED PREVIOUSLY FINISHED WORK FROM SCOPE. THIS PHASE OF THE PROJECT WILL BEGIN FROM LOCATION 17 AND END AT LOCATION 42A.

LOCATION 17 - LB30070

INSTALL  
1 - 3' X 5' CPA3546 PRIMARY VAULT UNDER 4' X 6' LOAD BREAK PAD 30070  
1 - 4' X 6' LOAD BREAK PAD 30070  
1 - 30' X 48" PG3048 OR SIMILAR INNER SIZE FIBER BOX WITH FULL TRAFFIC TOP

LOCATION 18 - XFMR PAD

INSTALL  
1 - 54" X 60" XFMR PAD

LOCATION 19 - STUB OUT

INSTALL  
INSTALL CONDUIT TO EXISTING VAULT NEAR POLE  
STUB OUT CONDUIT OUTSIDE OF RESERVOIR GATE

CPAU CONDUIT INSTALLATION

BETWEEN LOCATION 16 & 17  
~550' - 2-3.63" PRIMARY CONDUIT FROM NEW PB 40416 TO NEW LB 30070  
~550' - 1-3.63" FIBER CONDUIT FROM NEW FIBER BOX TO NEW FIBER BOX

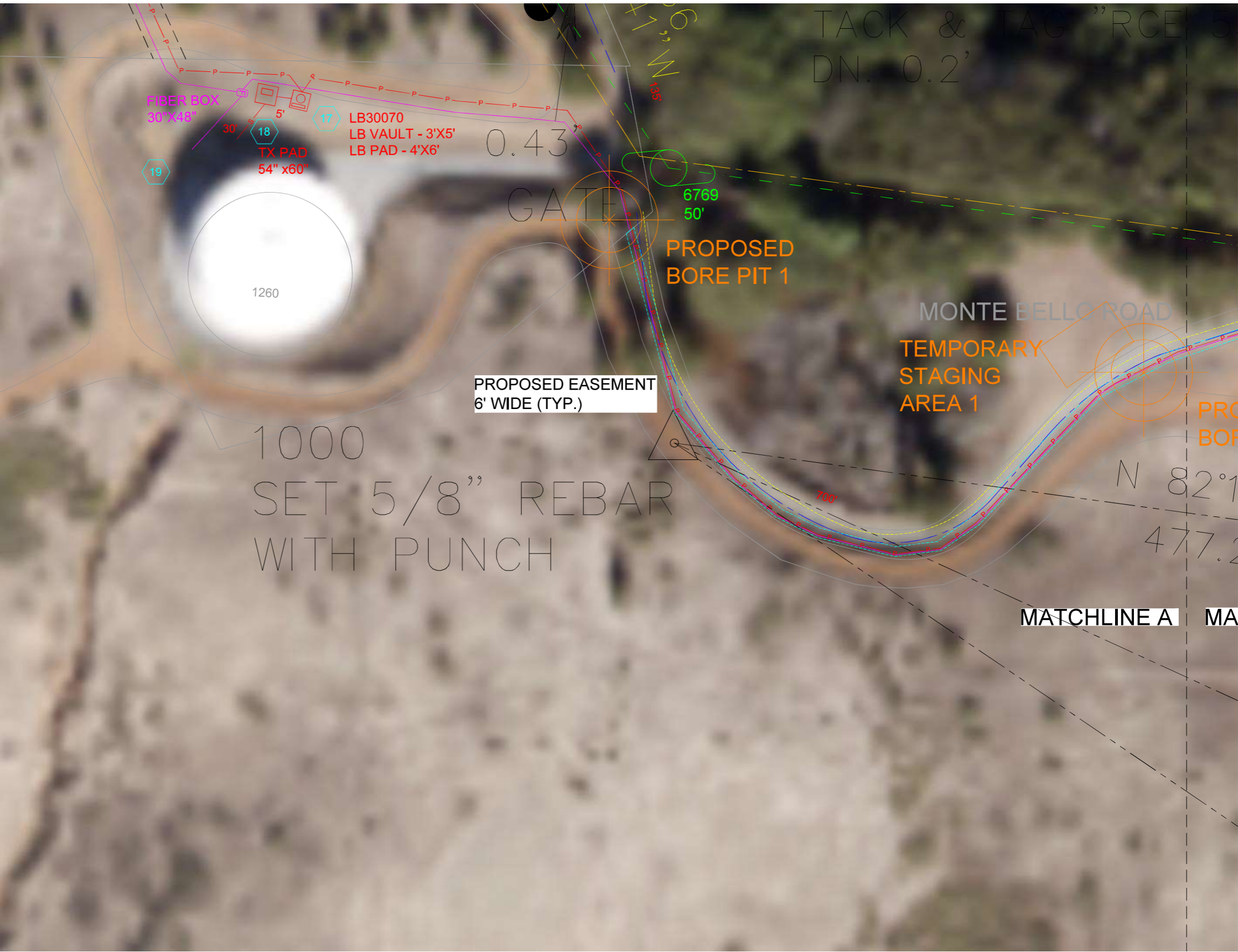
BETWEEN LOCATION 17 & 18  
~5' - 1-3.63" PRIMARY CONDUIT FROM NEW PB 40406 TO NEW XFMR PAD

BETWEEN LOCATION 18 & 19  
~30' - 1-3.63" SECONDARY CONDUIT FROM NEW XFMR PAD TO EXISTING JUNCTION BOX  
~60' - 1-3.63" FIBER CONDUIT FROM NEW FIBER BOX TO STUB OUT

BETWEEN LOCATION 17 & 20  
~700' - 2-3.63" PRIMARY CONDUIT FROM NEW LB 30070 TO NEW PB 40409  
~700' - 1-3.63" FIBER CONDUIT FROM NEW FIBER BOX TO NEW FIBER BOX

CONSTRUCTION NOTES:

- ALL OPEN EXCAVATIONS REQUIRE TRENCH PLATES AND PROPER DELINEATIONS AT THE END OF EVERY DAY.
- COMPACT AND BACKFILL ANY OPEN EXCAVATION PER CITY OF PALO ALTO STANDARD DT-SS-U-1003 NOTE 8. BACKFILL IN UNIMPROVED AREAS
- SEE APPENDIX FOR DETAILS REGARDING BEST MANAGEMENT PRACTICES (BMP).



APPROVED	P.VALATH SR. ENGINEER / MANAGER
ENGR.	B. GROSSMAN
DRWN	B. GROSSMAN
CHKD.	P.VALATH

FOOTHILL FIRE MITIGATION PROJECT  
PHASE 4  
SUBSTRUCTURE

City of Palo Alto  
California  
UTILITIES, ELECTRIC ENGINEERING

DATE	APPR.	DESCRIPTION
MAP #	CKT #	SCALE
NTS		
W.O.# / DRAWING #	40027598	
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LOCATION 20 - PB40409

INSTALL  
1 - 3' X 5' CPA3546 PRIMARY VAULT #40409  
WITH FULL TRAFFIC COVER  
1 - 30" X 48" PG3048 OR SIMILAR INNER SIZE  
FIBER BOX WITH FULL TRAFFIC TOP

LOCATION 21 - PB40405

INSTALL  
1 - 3' X 5' CPA3546 PRIMARY VAULT #40405  
WITH FULL TRAFFIC COVER  
1 - 30" X 48" PG3048 OR SIMILAR INNER SIZE  
FIBER BOX WITH FULL TRAFFIC TOP

CPAU CONDUIT INSTALLATION

BETWEEN LOCATION 17 & 20  
~700' - 2-3.63" PRIMARY CONDUIT FROM NEW  
LB 30070 TO NEW PB 40409  
~700' - 1-3.63" FIBER CONDUIT FROM NEW  
FIBER BOX TO NEW FIBER BOX

BETWEEN LOCATION 20 & 21  
~600' - 1-3.63" PRIMARY CONDUIT FROM NEW  
PB 40409 TO NEW PB 40405  
~600' - 1-3.63" FIBER CONDUIT FROM NEW  
FIBER BOX TO NEW FIBER BOX



CONSTRUCTION NOTES:

1. ALL OPEN EXCAVATIONS REQUIRE TRENCH PLATES AND PROPER DELINEATIONS AT THE END OF EVERY DAY.
2. COMPACT AND BACKFILL ANY OPEN EXCAVATION PER CITY OF PALO ALTO STANDARD DT-SS-U-1003 NOTE 8. BACKFILL IN UNIMPROVED AREAS
3. SEE APPENDIX FOR DETAILS REGARDING BEST MANAGEMENT PRACTICES (BMP).



APPROVED	P.VALATH SR. ENGINEER / MANAGER
ENGR.	B. GROSSMAN
DRWN	B. GROSSMAN
CHKD.	P.VALATH

FOOTHILL FIRE MITIGATION PROJECT		DATE	APPR.	DESCRIPTION
PHASE 4				
SUBSTRUCTURE				
City of Palo Alto		MAP #	CKT #	SCALE
California				
UTILITIES, ELECTRIC ENGINEERING		NTS		W.O.# / DRAWING #
				40027598
				SHEET 4 OF 27

## INSTALL

FIBER BOX WITH FULL TRAFFIC TOP

**BETWEEN LOCATION 21 & 22**  
~600' - 1-3.63" PRIMARY CONDUIT FROM NEW  
PB 40405 TO NEW PB 40404  
~600' - 1- 3.63" FIBER CONDUIT FROM NEW  
FIBER BOX TO NEW FIBER BOX

**BETWEEN LOCATION 22 & 23**  
 ~600' - 1-3.63" PRIMARY CONDUIT FROM NEW  
 PB 40404 TO NEW PB 40403  
 ~600' - 1- 3.63" FIBER CONDUIT FROM NEW  
 FIBER BOX TO NEW FIBER BOX

C/L GRAVEL ROAD  
(9' TO 15' WIDE)

OPEN TRENCH  
REQUIRED  
BETWEEN  
PROPOSED  
BORE PIT 4  
AND 5

## PROPOSED BORE PIT 4

PROPOSED EASEMENT  
6' WIDE (TYP.)

EASEMENT EXTENSION  
TO ENCOMPASS  
ELECTRIC AND FIBER  
VAULTS 9' WIDE (TYP.)



PB40404  
3'X5'  
FIBER BOX  
30"X48"

## MATCHLINE C

## MATCHLINE C

1. ALL OPEN EXCAVATIONS REQUIRE TRENCH PLATES AND PROPER DELINEATIONS AT THE END OF EVERY DAY.
2. COMPACT AND BACKFILL ANY OPEN EXCAVATION PER CITY OF PALO ALTO STANDARD DT-SS-U-1003 NOTE 8. BACKFILL IN UNIMPROVED AREAS
3. SEE APPENDIX FOR DETAILS REGARDING BEST MANAGEMENT PRACTICES (BMP).



APPROVED _____		 <b>FOOTHILL FIRE MITIGATION PROJECT</b> <b>PHASE 4</b> <b>SUBSTRUCTURE</b>	DATE _____		APPR. _____		DESCRIPTION _____	
_____ P. VALATH			_____		_____		_____	
SR. ENGINEER / MANAGER			_____		_____		_____	
_____			_____		_____		_____	
ENGR.	B. GROSSMAN	 <b>City of Palo Alto</b> <b>California</b> <small>UTAH COUNTY, UTAH</small>	MAP #   OKT #		SCALE		W.O.# / DRAWING #	
DRWN	B. GROSSMAN		— HV20				40027598	
CHWD	P. VALATH				NTS		SHEET 5 OF 27	

LOCATION 23 - PB40403

INSTALL  
1 - 3' X 5' CPA3546 PRIMARY VAULT #40403  
WITH FULL TRAFFIC COVER  
1 - 30" X 48" PG3048 OR SIMILAR INNER SIZE  
FIBER BOX WITH FULL TRAFFIC TOP

CPAU CONDUIT INSTALLATION

BETWEEN LOCATION 22 & 23  
~600' - 1-3.63" PRIMARY CONDUIT FROM NEW  
PB 40404 TO NEW PB 40403  
~600' - 1- 3.63" FIBER CONDUIT FROM NEW  
FIBER BOX TO NEW FIBER BOX

BETWEEN LOCATION 23 & 24  
~600' - 1-3.63" PRIMARY CONDUIT FROM NEW  
PB 40403 TO NEW PB 40402  
~600' - 1- 3.63" FIBER CONDUIT FROM NEW  
FIBER BOX TO NEW FIBER BOX

CONSTRUCTION NOTES:

1. ALL OPEN EXCAVATIONS REQUIRE  
TRENCH PLATES AND PROPER  
DELINEATIONS AT THE END OF  
EVERY DAY.
2. COMPACT AND BACKFILL ANY  
OPEN EXCAVATION PER CITY OF  
PALO ALTO STANDARD  
DT-SS-U-1003 NOTE 8. BACKFILL IN  
UNIMPROVED AREAS
3. SEE APPENDIX FOR DETAILS  
REGARDING BEST MANAGEMENT  
PRACTICES (BMP).



APPROVED	P.VALATH SR. ENGINEER / MANAGER
ENGR.	B. GROSSMAN
DRWN	B. GROSSMAN
CHKD.	P.VALATH

FOOTHILL FIRE MITIGATION PROJECT		DATE	APPR.	DESCRIPTION
PHASE 4				
SUBSTRUCTURE				
City of Palo Alto California		MAP #	CKT #	SCALE
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LOCATION 24 - PB40402

INSTALL  
1 - 3' X 5' CPA3546 PRIMARY VAULT #40402  
WITH FULL TRAFFIC COVER  
1 - 30" X 48" PG3048 OR SIMILAR INNER SIZE  
FIBER BOX WITH FULL TRAFFIC TOP

CPAU CONDUIT INSTALLATION

BETWEEN LOCATION 24 & 25  
~600' - 1-3.63" PRIMARY CONDUIT FROM NEW  
PB 40402 TO NEW PB 40401  
~600' - 1-3.63" FIBER CONDUIT FROM NEW  
FIBER BOX TO NEW FIBER BOX

BETWEEN LOCATION 25 & 26  
~600' - 1-3.63" PRIMARY CONDUIT FROM NEW  
PB 40401 TO NEW PB 40400  
~600' - 1-3.63" FIBER CONDUIT FROM NEW  
FIBER BOX TO NEW FIBER BOX



CONSTRUCTION NOTES:

1. ALL OPEN EXCAVATIONS REQUIRE TRENCH PLATES AND PROPER DELINEATIONS AT THE END OF EVERY DAY.
2. COMPACT AND BACKFILL ANY OPEN EXCAVATION PER CITY OF PALO ALTO STANDARD DT-SS-U-1003 NOTE 8. BACKFILL IN UNIMPROVED AREAS
3. SEE APPENDIX FOR DETAILS REGARDING BEST MANAGEMENT PRACTICES (BMP).



APPROVED	P.VALATH SR. ENGINEER / MANAGER
ENGR.	B. GROSSMAN
DRWN	B. GROSSMAN
CHKD.	P.VALATH

FOOTHILL FIRE MITIGATION PROJECT PHASE 4 SUBSTRUCTURE			
City of Palo Alto California		UTILITIES, ELECTRIC ENGINEERING	
DATE	APPR.	DESCRIPTION	
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LOCATION 25 - PB40401

INSTALL  
1 - 3' X 5' CPA3546 PRIMARY VAULT #40401  
WITH FULL TRAFFIC COVER  
1 - 30" X 48" PG3048 OR SIMILAR INNER SIZE  
FIBER BOX WITH FULL TRAFFIC TOP

LOCATION 26 - PB40400

INSTALL  
1 - 3' X 5' CPA3546 PRIMARY VAULT #40400  
WITH FULL TRAFFIC COVER  
1 - 30" X 48" PG3048 OR SIMILAR INNER SIZE  
FIBER BOX WITH FULL TRAFFIC TOP

CPAU CONDUIT INSTALLATION

BETWEEN LOCATION 24 & 25  
~600' - 1-3.63" PRIMARY CONDUIT FROM NEW  
PB 40402 TO NEW PB 40401  
~600' - 1-3.63" FIBER CONDUIT FROM NEW  
FIBER BOX TO NEW FIBER BOX

BETWEEN LOCATION 25 & 26  
~600' - 1-3.63" PRIMARY CONDUIT FROM NEW  
PB 40401 TO NEW PB 40400  
~600' - 1-3.63" FIBER CONDUIT FROM NEW  
FIBER BOX TO NEW FIBER BOX

BETWEEN LOCATION 26 & 27  
~600' - 1-3.63" PRIMARY CONDUIT FROM NEW  
PB 40400 TO NEW PB 40399  
~600' - 1-3.63" FIBER CONDUIT FROM NEW  
FIBER BOX TO NEW FIBER BOX

CONSTRUCTION NOTES:

1. ALL OPEN EXCAVATIONS REQUIRE TRENCH PLATES AND PROPER DELINEATIONS AT THE END OF EVERY DAY.
2. COMPACT AND BACKFILL ANY OPEN EXCAVATION PER CITY OF PALO ALTO STANDARD DT-SS-U-1003 NOTE 8. BACKFILL IN UNIMPROVED AREAS
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APPROVED	
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ENGR.	B. GROSSMAN
DRWN	B. GROSSMAN
CHKD.	P.VALATH

FOOTHILL FIRE MITIGATION PROJECT	
PHASE 4	
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City of Palo Alto California	
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LOCATION 27 - PB40399

INSTALL  
1 - 3' X 5' CPA3546 PRIMARY VAULT #40399  
WITH FULL TRAFFIC COVER  
1 - 30" X 48" PG3048 OR SIMILAR INNER SIZE  
FIBER BOX WITH FULL TRAFFIC TOP

CPAU CONDUIT INSTALLATION

BETWEEN LOCATION 26 & 27  
~600' - 1 -3.63" PRIMARY CONDUIT FROM  
NEW PB 40400 TO NEW PB 40399  
~600' - 1-3.63" FIBER CONDUIT FROM NEW  
FIBER BOX TO NEW FIBER BOX

BETWEEN LOCATION 27 & 28  
~600' - 1 -3.63" PRIMARY CONDUIT FROM  
NEW PB 40399 TO NEW LB 30060

CONSTRUCTION NOTES:

1. ALL OPEN EXCAVATIONS REQUIRE  
TRENCH PLATES AND PROPER  
DELINEATIONS AT THE END OF  
EVERY DAY.
2. COMPACT AND BACKFILL ANY  
OPEN EXCAVATION PER CITY OF  
PALO ALTO STANDARD  
DT-SS-U-1003 NOTE 8. BACKFILL IN  
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DRWN	B. GROSSMAN
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FOOTHILL FIRE MITIGATION PROJECT		DATE	APPR.	DESCRIPTION
PHASE 4				
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City of Palo Alto		MAP #	CKT #	SCALE
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LOCATION 28 - LB30060

**INSTALL**  
1 - 3' X 5' CPA3546 PRIMARY VAULT UNDER 3' X 5' LOAD BREAK PAD 30060  
1 - 3' X 5' LOAD BREAK PAD 30060  
3 - BOLLARDS

LOCATION 29 - XFMR PAD

**INSTALL**  
1 - 54" X 60" XFMR PAD

**LOCATION 30 - SECONDARY BOX**  
NO SUBSTRUCTURE WORK TO BE PERFORMED. BOX MAY REQUIRE REPLACEMENT.

LOCATION 31 - FIBER BOX

**INSTALL**  
1 - 30" X 48" PG3048 OR SIMILAR INNER SIZE FIBER BOX WITH FULL TRAFFIC TOP

LOCATION 32 - PB40396

**INSTALL**  
1 - 3' X 5' CPA3546 PRIMARY VAULT #40396 WITH FULL TRAFFIC COVER  
1 - 30" X 48" PG3048 OR SIMILAR INNER SIZE FIBER BOX WITH FULL TRAFFIC TOP

CPAU CONDUIT INSTALLATION

BETWEEN LOCATION 27 & 28  
~600' - 1 -3.63" PRIMARY CONDUIT FROM NEW PB 40399 TO NEW LB 30060

BETWEEN LOCATION 28 & 29  
~25' - 1 -3.63" PRIMARY CONDUIT FROM NEW LB 30060 TO NEW XFMR PAD

BETWEEN LOCATION 29 & 30  
~30' - 1-3.63" SECONDARY CONDUIT FROM NEW 54" X 60" XFMR PAD TO EXISTING SECONDARY BOX

BETWEEN LOCATION 28 & 32  
~450' - 1-3.63" PRIMARY CONDUIT FROM NEW LB 30060 TO NEW PB 40396

BETWEEN LOCATION 27 & 31  
~600' - 1-3.63" FIBER CONDUIT FROM NEW FIBER BOX TO NEW FIBER BOX

BETWEEN LOCATION 31 & 32  
~450' - 1-3.63" FIBER CONDUIT FROM NEW FIBER BOX TO NEW FIBER BOX

BETWEEN LOCATION 32 & 33  
~600' - 1-3.63" PRIMARY CONDUIT FROM NEW PB 40396 TO NEW PB 40395  
~600' - 1-3.63" FIBER CONDUIT FROM NEW FIBER BOX TO NEW FIBER BOX

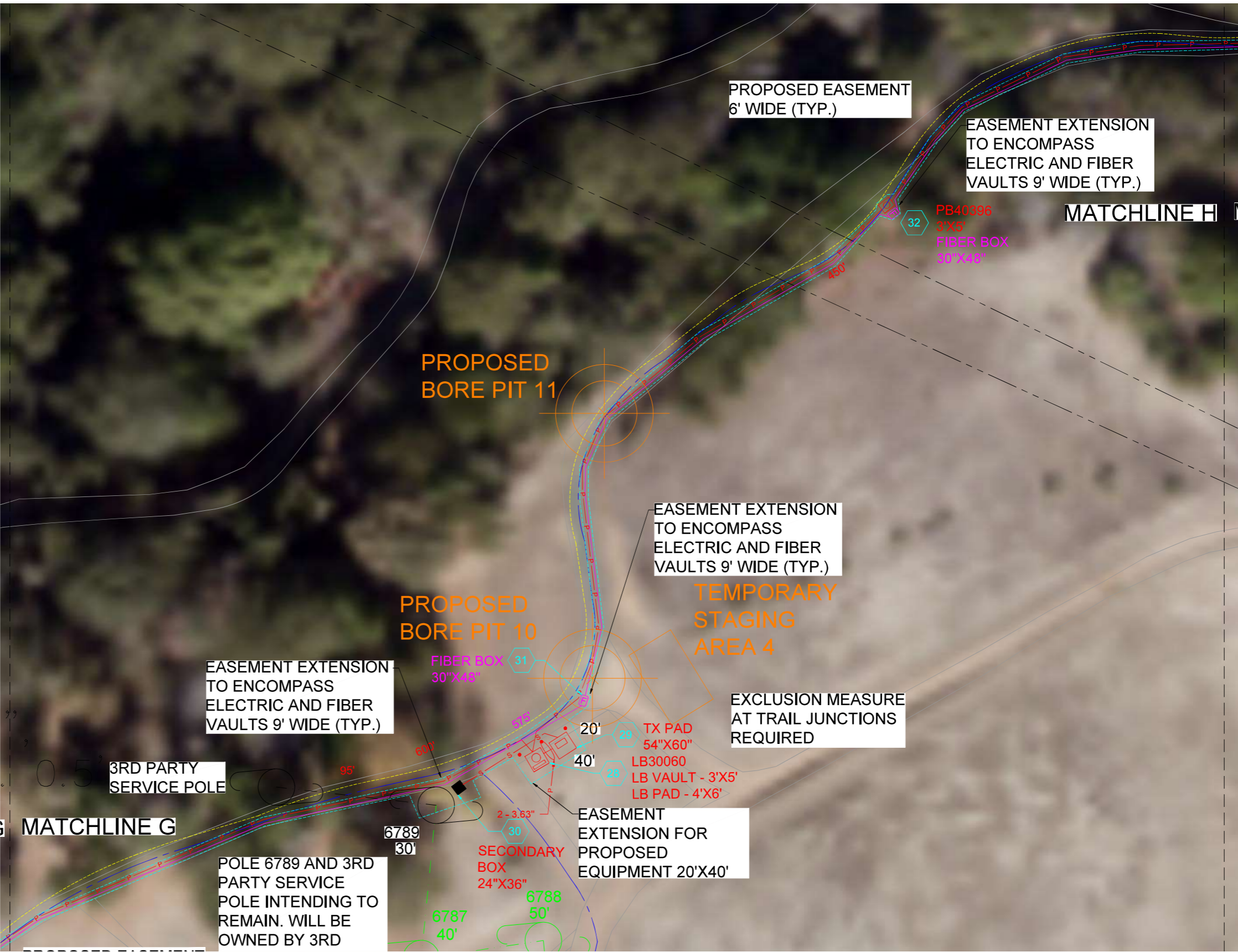
\*\*\*\*NOTE\*\*\*\*

THE SCOPE OF WORK TO BRING POWER TO PUMP NEAR "BACKPACK CAMP" IS REMOVED. POLE LINE TO BE ENTIRELY REMOVED TO THAT PUMP.

PROPOSED EASEMENT DIMENSION TO BE 20'X40' AS SHOWN ON PLAN. FIELD CONDITIONS MAY DICTATE AN ALIGNMENT ADJUSTMENT

CONSTRUCTION NOTES:

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- COMPACT AND BACKFILL ANY OPEN EXCAVATION PER CITY OF PALO ALTO STANDARD DT-SS-U-1003 NOTE 8. BACKFILL IN UNIMPROVED AREAS
- SEE APPENDIX FOR DETAILS REGARDING BEST MANAGEMENT PRACTICES (BMP).



APPROVED	P.VALATH SR. ENGINEER / MANAGER
ENGR.	B. GROSSMAN
DRWN	B. GROSSMAN
CHKD.	P.VALATH

FOOTHILL FIRE MITIGATION PROJECT		DATE	APPR.	DESCRIPTION
PHASE 4				
SUBSTRUCTURE				
City of Palo Alto California		MAP #	CKT #	SCALE
UTILITIES, ELECTRIC ENGINEERING				W.O.# / DRAWING #
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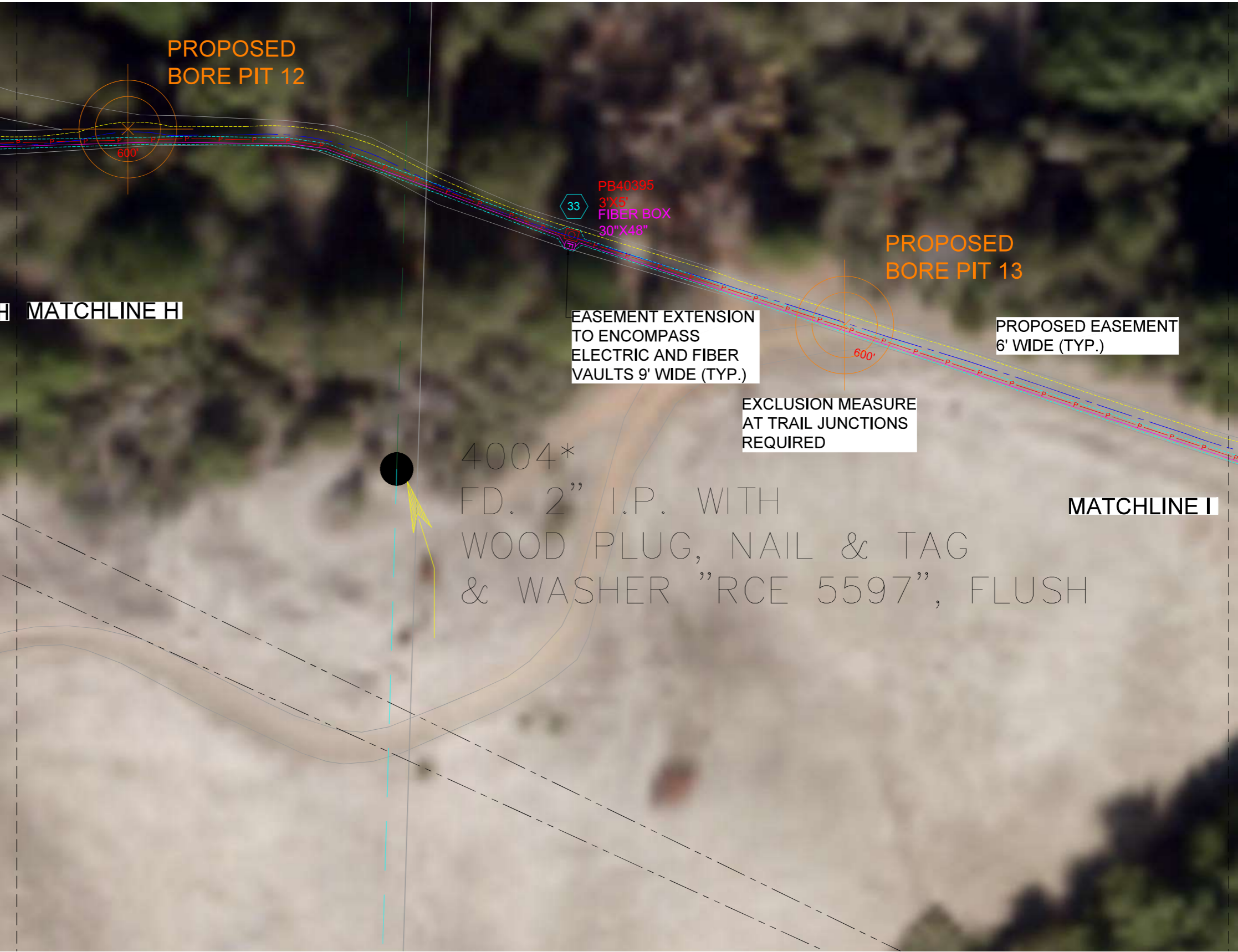
LOCATION 33 - PB40395

INSTALL  
1 - 3' X 5' CPA3546 PRIMARY VAULT #40395  
WITH FULL TRAFFIC COVER  
1 - 30" X 48" PG3048 OR SIMILAR INNER SIZE  
FIBER BOX WITH FULL TRAFFIC TOP

CPAU CONDUIT INSTALLATION

BETWEEN LOCATION 32 & 33  
~600' - 1-3.63" PRIMARY CONDUIT FROM NEW  
PB 40396 TO NEW PB 40395  
~600' - 1-3.63" FIBER CONDUIT FROM NEW  
FIBER BOX TO NEW FIBER BOX

BETWEEN LOCATION 33 & 34  
~600' - 1-3.63" PRIMARY CONDUIT FROM NEW  
PB 40395 TO NEW PB 40394  
~600' - 1-3.63" FIBER CONDUIT FROM NEW  
FIBER BOX TO NEW FIBER BOX



CONSTRUCTION NOTES:

1. ALL OPEN EXCAVATIONS REQUIRE TRENCH PLATES AND PROPER DELINEATIONS AT THE END OF EVERY DAY.
2. COMPACT AND BACKFILL ANY OPEN EXCAVATION PER CITY OF PALO ALTO STANDARD DT-SS-U-1003 NOTE 8. BACKFILL IN UNIMPROVED AREAS
3. SEE APPENDIX FOR DETAILS REGARDING BEST MANAGEMENT PRACTICES (BMP).



APPROVED	
	P.VALATH SR. ENGINEER / MANAGER
ENGR.	B. GROSSMAN
DRWN	B. GROSSMAN
CHKD.	P.VALATH

FOOTHILL FIRE MITIGATION PROJECT PHASE 4 SUBSTRUCTURE			
		City of Palo Alto California UTILITIES, ELECTRIC ENGINEERING	
MAP #	CKT #	SCALE	W.O.# / DRAWING #
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LOCATION 34 - PB40394

**INSTALL**  
1 - 3' X 5' CPA3546 PRIMARY VAULT #40394  
WITH FULL TRAFFIC COVER  
1 - 30" X 48" PG3048 OR SIMILAR INNER SIZE  
FIBER BOX WITH FULL TRAFFIC TOP

LOCATION 35 - LB30059

**INSTALL**  
1 - 3' X 5' CPA3546 PRIMARY VAULT UNDER 4'  
X 6' LOAD BREAK PAD 30059  
1 - 4' X 6' LOAD BREAK PAD 30059  
3 - BOLLARDS  
1 - 30" X 48" PG3048 OR SIMILAR INNER SIZE  
FIBER BOX WITH FULL TRAFFIC TOP

LOCATION 36 - XFMR PAD

**INSTALL**  
1 - 54" X 60" XFMR PAD

LOCATION 37 - SECONDARY BOX

**INSTALL**  
1 - 24" X 36" SECONDARY BOX

LOCATION 37A - POLE 6799

**INSTALL**  
1 - 3" RISER

LOCATION 37B - SECONDARY

**INSTALL**  
1 - 24" X 36" SECONDARY BOX

LOCATION 37C - POLE 6800

**INSTALL**  
1 - 3" RISER

CPAU CONDUIT INSTALLATION

BETWEEN LOCATION 33 & 34  
~600' - 1-3.63" PRIMARY CONDUIT FROM NEW  
PB 40394 TO NEW PB 40394  
~600' - 1-3.63" FIBER CONDUIT FROM NEW  
FIBER BOX TO NEW FIBER BOX

BETWEEN LOCATION 34 & 35  
~600' - 1-3.63" PRIMARY CONDUIT FROM NEW  
PB 40394 TO NEW LB 30059  
~600' - 1-3.63" FIBER CONDUIT FROM NEW  
FIBER BOX TO NEW FIBER BOX

BETWEEN LOCATION 35 & 36  
~5' - 1-3.63" PRIMARY CONDUIT FROM NEW  
LB 30059 TO NEW XFMR PAD

BETWEEN LOCATION 36 & 37  
~125' - 1-3.63" SECONDARY CONDUIT FROM  
NEW XFMR PAD TO NEW 24X36 SECONDARY  
BOX  
~125' - 1-3.63" FIBER CONDUIT FROM NEW  
FIBER BOX TO NEW 24X36 SECONDARY BOX

BETWEEN LOCATION 37 & 37A  
~5' - 1-3.63" SECONDARY CONDUIT FROM  
NEW 24X36 SECONDARY BOX TO POLE 6799

BETWEEN LOCATION 37 & 37B  
~125' - 1-3.63" SECONDARY CONDUIT FROM  
NEW 24X36 SECONDARY BOX TO NEW 24X36  
SECONDARY BOX  
~125' - 1-3.63" FIBER CONDUIT FROM NEW  
24X36 SECONDARY BOX TO NEW 24X36  
SECONDARY BOX

BETWEEN LOCATION 37B & 37C  
~5' - 1-3.63" SECONDARY CONDUIT FROM  
NEW 24X36 SECONDARY BOX TO POLE 6800

BETWEEN LOCATION 35 & 38  
~375' - 1-3.63" PRIMARY CONDUIT FROM NEW  
LB30059 TO NEW PB 40408  
~375' - 1-3.63" FIBER CONDUIT FROM NEW  
FIBER BOX TO NEW FIBER BOX

CONSTRUCTION NOTES:

1. ALL OPEN EXCAVATIONS REQUIRE TRENCH PLATES AND PROPER DELINEATIONS AT THE END OF EVERY DAY.
2. COMPACT AND BACKFILL ANY OPEN EXCAVATION PER CITY OF PALO ALTO STANDARD DT-SS-U-1003 NOTE 8. BACKFILL IN UNIMPROVED AREAS
3. SEE APPENDIX FOR DETAILS REGARDING BEST MANAGEMENT PRACTICES (BMP).



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FOOTHILL FIRE MITIGATION PROJECT		DATE	APPR.	DESCRIPTION
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City of Palo Alto		MAP #	CKT #	SCALE
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LOCATION 38 - PB40408

INSTALL  
1 - 3' X 5' CPA3546 PRIMARY VAULT #40408  
WITH FULL TRAFFIC COVER  
1 - 30" X 48" PG3048 OR SIMILAR INNER SIZE  
FIBER BOX WITH FULL TRAFFIC TOP

LOCATION 39 - PB40392

INSTALL  
1 - 3' X 5' CPA3546 PRIMARY VAULT #40392  
WITH FULL TRAFFIC COVER  
1 - 30" X 48" PG3048 OR SIMILAR INNER SIZE  
FIBER BOX WITH FULL TRAFFIC TOP

CPAU CONDUIT INSTALLATION

BETWEEN LOCATION 35 & 38  
~375' - 1-3.63" PRIMARY CONDUIT FROM NEW  
LB30059 TO NEW PB 40408  
~375' - 1-3.63" FIBER CONDUIT FROM NEW  
FIBER BOX TO NEW FIBER BOX

BETWEEN LOCATION 38 & 39  
~600' - 1 -3.63" PRIMARY CONDUIT FROM  
NEW PB 40408 TO NEW PB 40392  
~600' - 1-3.63" FIBER CONDUIT FROM NEW  
FIBER BOX TO NEW FIBER BOX

BETWEEN LOCATION 39 & 40  
~600' - 1 -3.63" PRIMARY CONDUIT FROM  
NEW PB 40392 TO NEW PB 40391  
~600' - 1-3.63" FIBER CONDUIT FROM NEW  
FIBER BOX TO NEW FIBER BOX

CONSTRUCTION NOTES:

1. ALL OPEN EXCAVATIONS REQUIRE  
TRENCH PLATES AND PROPER  
DELINEATIONS AT THE END OF  
EVERY DAY.
2. COMPACT AND BACKFILL ANY  
OPEN EXCAVATION PER CITY OF  
PALO ALTO STANDARD  
DT-SS-U-1003 NOTE 8. BACKFILL IN  
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3. SEE APPENDIX FOR DETAILS  
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APPROVED	P.VALATH SR. ENGINEER / MANAGER
ENGR.	B. GROSSMAN
DRWN	B. GROSSMAN
CHKD.	P.VALATH

FOOTHILL FIRE MITIGATION PROJECT		DATE	APPR.	DESCRIPTION
PHASE 4				
SUBSTRUCTURE				
City of Palo Alto California		MAP #	CKT #	SCALE
UTILITIES, ELECTRIC ENGINEERING				W.O.# / DRAWING #
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LOCATION 40 - PB40391

INSTALL  
1 - 3' X 5' CPA3546 PRIMARY VAULT #40391  
WITH FULL TRAFFIC COVER  
1 - 30" X 48" PG3048 OR SIMILAR INNER SIZE  
FIBER BOX WITH FULL TRAFFIC TOP

LOCATION 41 - XFMR PAD

INSTALL  
1 - 54" X 60" XFMR PAD  
3 - BOLLARDS

LOCATION 41A - SECONDARY BOX

INSTALL  
1 - 24" X 36" SECONDARY BOX

LOCATION 41B - POLE 6805

INSTALL  
1 - 3" RISER

LOCATION 42 - SECONDARY BOX

INSTALL  
1 - 24" X 36" SECONDARY BOX (INSTALL  
OUTSIDE FENCE)

LOCATION 42A - EXISTING  
JUNCTION BOX

LOCATION 42B - POLE 6806

INSTALL  
1 - 3" RISER

CPAU CONDUIT INSTALLATION

BETWEEN LOCATION 39 & 40  
~600' - 1 -3.63" PRIMARY CONDUIT FROM  
NEW PB 40392 TO NEW PB 40391  
~600' - 1-3.63" FIBER CONDUIT FROM NEW  
FIBER BOX TO NEW FIBER BOX

BETWEEN LOCATION 40 & 41  
~15' - 1 -3.63" PRIMARY CONDUIT FROM NEW  
PB 40391 TO NEW XFMR PAD

BETWEEN LOCATION 41 & 41A  
~25' - 1 -3.63" SECONDARY CONDUIT FROM  
NEW XFMR PAD TO NEW 24X36 JUNCTION  
BOX

BETWEEN LOCATION 41A & 41B  
~5' - 1 -3.63" SECONDARY CONDUIT FROM  
NEW JUNCTION BOX TO NEW 3" RISER

BETWEEN LOCATION 41 & 42  
~105' - 1 -3.63" PRIMARY CONDUIT FROM  
NEW XFMR PAD TO NEW 24X36 JUNCTION  
BOX

BETWEEN LOCATION 40 & 42  
~105' - 1-3.63" FIBER CONDUIT FROM NEW  
FIBER BOX TO NEW 24X36 JUNCTION BOX

BETWEEN LOCATION 42 & 42A  
~15' - 1 -3.63" SECONDARY CONDUIT FROM  
NEW 24X36 JUNCTION BOX TO EXISTING  
JUNCTION BOX

BETWEEN LOCATION 42A & 42A  
~5' - 1 - 3" RISER FROM NEW 24X36  
JUNCTION BOX TO EXISTING POLE

CONSTRUCTION NOTES:

- ALL OPEN EXCAVATIONS REQUIRE  
TRENCH PLATES AND PROPER  
DELINEATIONS AT THE END OF  
EVERY DAY.
- COMPACT AND BACKFILL ANY  
OPEN EXCAVATION PER CITY OF  
PALO ALTO STANDARD  
DT-SS-U-1003 NOTE 8. BACKFILL IN  
UNIMPROVED AREAS
- SEE APPENDIX FOR DETAILS  
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PRACTICES (BMP).



APPROVED	
	P.VALATH SR. ENGINEER / MANAGER
ENGR.	B. GROSSMAN
DRWN	B. GROSSMAN
CHKD.	P.VALATH

FOOTHILL FIRE MITIGATION PROJECT		DATE	APPR.	DESCRIPTION
PHASE 4				
SUBSTRUCTURE				
City of Palo Alto		MAP #	CKT #	SCALE
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LOCATION 1  
CPAU POLE 6767  
REMOVE  
3 - 8' CROSSARMS  
1 - 10' CROSSARMS  
4 - BELLS  
6 - D.E. INSULATORS  
6 - CUTOUTS  
3 - FUSES  
TOP WOOD POLE

CPAU CABLE REMOVAL  
  
BETWEEN LOCATION 1 & 2  
~630' - 3-1/0 AL WIRE FROM POLE 6767 TO POLE 6768  
  
BETWEEN LOCATION 2 & 3  
~350' - 3-1/0 AL WIRE FROM POLE 6768 TO POLE 6769

LOCATION 2  
CPAU POLE 6768  
REMOVE  
1 - 50' WOOD POLE  
2 - 8' CROSSARMS  
4 - BELLS



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LOCATION 3

CPAU POLE 6769

REMOVE

1 - 50' WOOD POLE

4 - 8' CROSSARMS

2 - FUSES

16 - D.E. INSULATORS

4 - CUTOUTS

1 - GUY ANCHORS

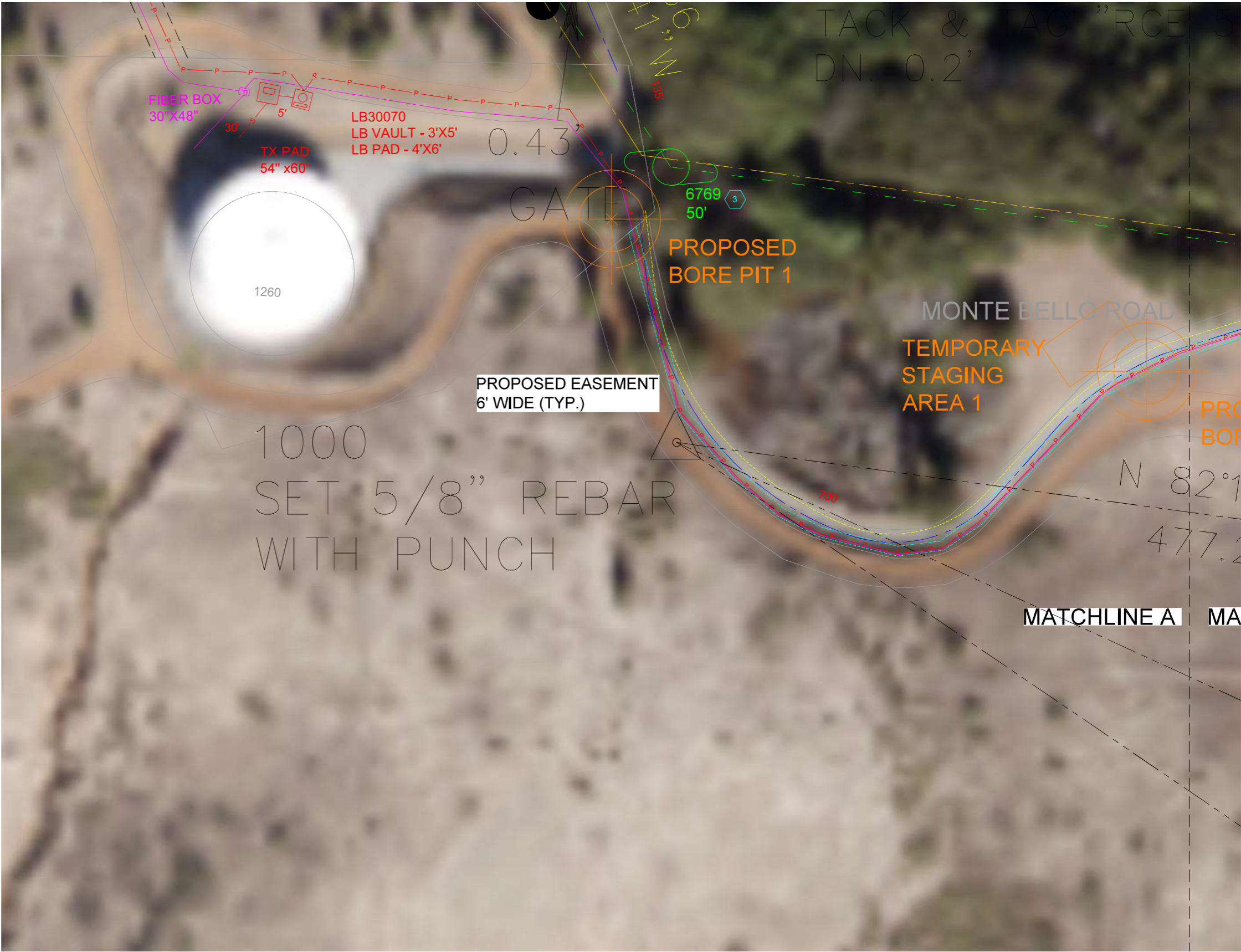
CPAU CABLE REMOVAL

BETWEEN LOCATION 2 & 3

~350' - 3-1/0 AL WIRE FROM POLE 6768 TO POLE 6769

BETWEEN LOCATION 3 & 4

~460' - 3-1/0 AL WIRE FROM POLE 6769 TO POLE 6771



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LOCATION 4

CPAU POLE 6771  
REMOVE  
1- 50' WOOD POLE  
1- 8' CROSSARMS  
2- BELLS

LOCATION 5

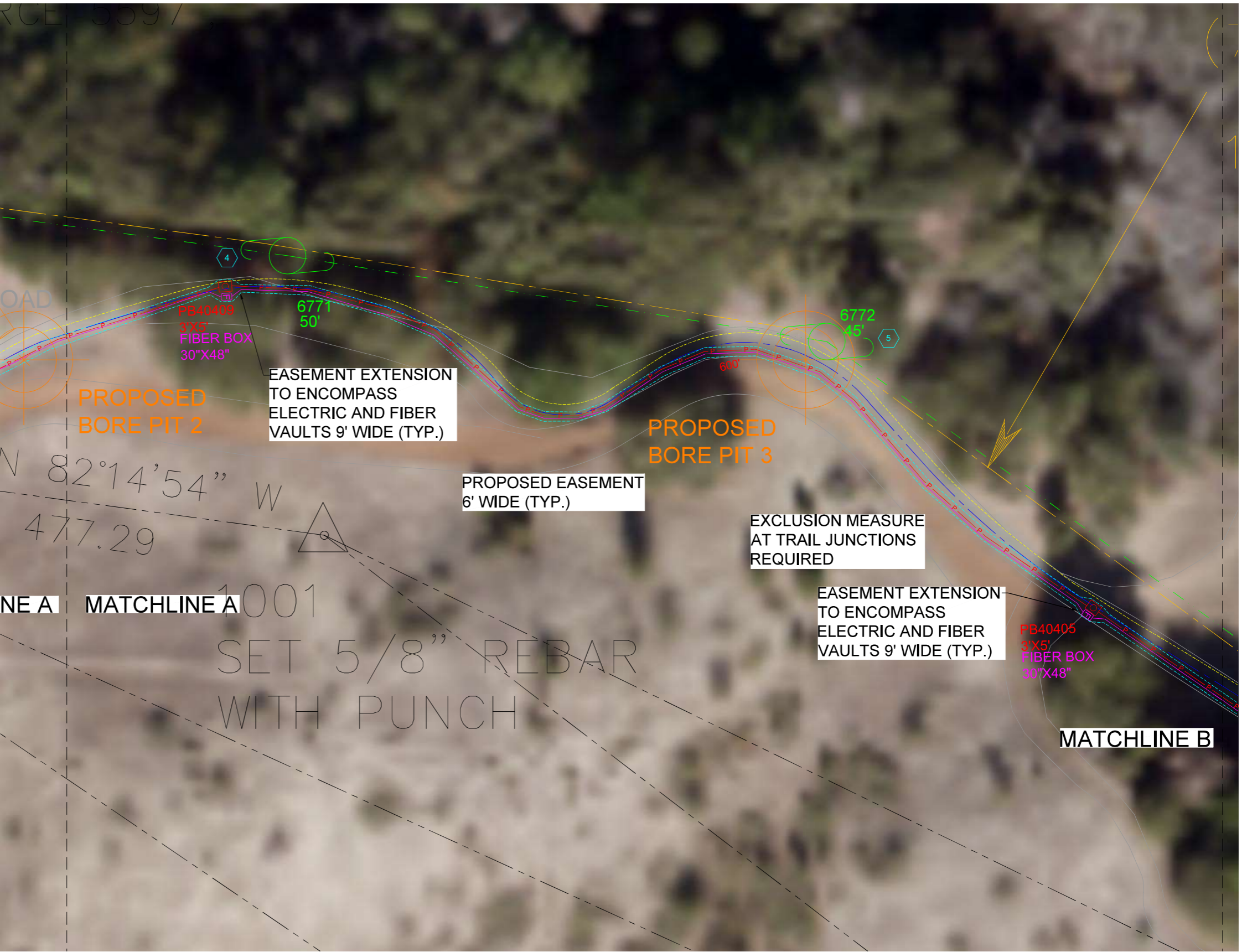
CPAU POLE 6772  
REMOVE  
1- 45' WOOD POLE  
2- 8' CROSSARMS  
4- BELLS  
1- GUY ANCHORS

CPAU CABLE REMOVAL

BETWEEN LOCATION 3 & 4  
~460' - 3-1/0 AL WIRE FROM POLE 6769 TO  
POLE 6771

BETWEEN LOCATION 4 & 5  
~340' - 3-1/0 AL WIRE FROM POLE 6771 TO  
POLE 6772

BETWEEN LOCATION 5 & 6  
~700' - 3-1/0 AL WIRE FROM POLE 6772 TO  
POLE 6773



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FOOTHILL FIRE MITIGATION PROJECT  
PHASE 4  
REMOVAL



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1 - GUY ANCHORS

~350' - 3-1/0 AL WIRE FROM POLE 6773 TO  
POLE 6774




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4 - BELLS  
1 - GUY ANCHORS

BETWEEN LOCATION 8 & 9  
~520' - 3-1/0 AL WIRE FROM POLE 6775 TO  
POLE 6776



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LOCATION 9

CPAU POLE 6776

REMOVE

1 - 45' WOOD POLE

1 - 8' CROSSARMS

2 - BELLS

CPAU CABLE REMOVAL

BETWEEN LOCATION 8 & 9

~520' - 3-1/0 AL WIRE FROM POLE 6775 TO POLE 6776

BETWEEN LOCATION 9 & 10

~440' - 3-1/0 AL WIRE FROM POLE 6776 TO POLE 6777



LOCATION 10  
CPAU POLE 6777  
REMOVE  
1 - 40' WOOD POLE  
1 - 8' CROSSARMS  
2 - BELLS

LOCATION 11  
CPAU POLE 6778  
REMOVE  
1 - 45' WOOD POLE  
2 - 8' CROSSARMS  
4 - BELLS  
1 - GUY ANCHORS

LOCATION 12  
CPAU POLE 6779  
REMOVE  
1 - 45' WOOD POLE  
2 - 8' CROSSARMS  
4 - BELLS  
2 - GUY ANCHORS

CPAU CABLE REMOVAL  
  
BETWEEN LOCATION 9 & 10  
~440' - 3-1/0 AL WIRE FROM POLE 6776 TO POLE 6777  
  
BETWEEN LOCATION 10 & 11  
~410' - 3-1/0 AL WIRE FROM POLE 6777 TO POLE 6778  
  
BETWEEN LOCATION 11 & 12  
~260' - 3-1/0 AL WIRE FROM POLE 6778 TO POLE 6779  
  
BETWEEN LOCATION 12 & 13  
~350' - 3-1/0 AL WIRE FROM POLE 6779 TO POLE 6780



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- LOCATION 13

CPAU POLE 6780

REMOVE

1 - 45' WOOD POLE

2 - 8' CROSSARMS

4 - D.E. INSULATORS

4 - BELLS

3 - GUY ANCHORS
- LOCATION 14

CPAU POLE 6781

REMOVE

1 - 40' WOOD POLE

4 - BELLS

4 - 8' CROSSARMS

4 - D.E. INSULATORS

3 - GUY ANCHORS
- CPAU CABLE REMOVAL

BETWEEN LOCATION 12 & 13

~350' - 3-1/0 AL WIRE FROM POLE 6779 TO POLE 6780

BETWEEN LOCATION 13 & 14

~185' - 3-1/0 AL WIRE FROM POLE 6780 TO POLE 6781

BETWEEN LOCATION 14 & 15

~230' - 3-1/0 AL WIRE FROM POLE 6781 TO POLE 6784



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- LOCATION 15

CPAU POLE 6784

REMOVE

1 - 45' WOOD POLE

4 - BELLS

2 - 8' CROSSARMS

4 - D.E. INSULATORS

2 - GUY ANCHORS
- LOCATION 16

CPAU POLE 6785

REMOVE

1 - 45' WOOD POLE

4 - BELLS

2 - 8' CROSSARMS

4 - D.E. INSULATORS

1 - GUY ANCHORS
- LOCATION 17

CPAU POLE 6787

REMOVE

1 - TOP 40' WOOD POLE

1 - 10 KVA PT TX 6467

2 - 8' CROSSARMS

2 - D.E. INSULATORS

4 - BELLS

2 - CUTOUTS

2 - FUSES
- LOCATION 18

CPAU POLE 6789

REMOVE

1 - RISER

TOP WOOD POLE, POLE TO BE RELINQUISHED TO AT&T
- LOCATION 19

THIRD PARTY OWNED SERVICE POLE

NO WORK PROPOSED TO THIS POLE AS IT IS OWNED BY THIRD PARTY
- LOCATION 20

CPAU POLE 6788

REMOVE

1 - 50' WOOD POLE

4 - 8' CROSSARMS

2 - D.E. INSULATORS

5 - BELLS

2 - GUY ANCHORS
- LOCATION 21

CPAU POLE 6791

REMOVE

1 - 45' WOOD POLE

4 - 8' CROSSARMS

4 - BELLS

2 - GUY ANCHORS
- CPAU CABLE REMOVAL

BETWEEN LOCATION 14 & 15

~230' - 3-1/0 AL WIRE FROM POLE 6781 TO POLE 6784

BETWEEN LOCATION 15 & 16

~230' - 3-1/0 AL WIRE FROM POLE 6784 TO POLE 6785

BETWEEN LOCATION 16 & 17

~260' - 3-1/0 AL WIRE FROM POLE 6785 TO POLE 6787

BETWEEN LOCATION 17 & 18

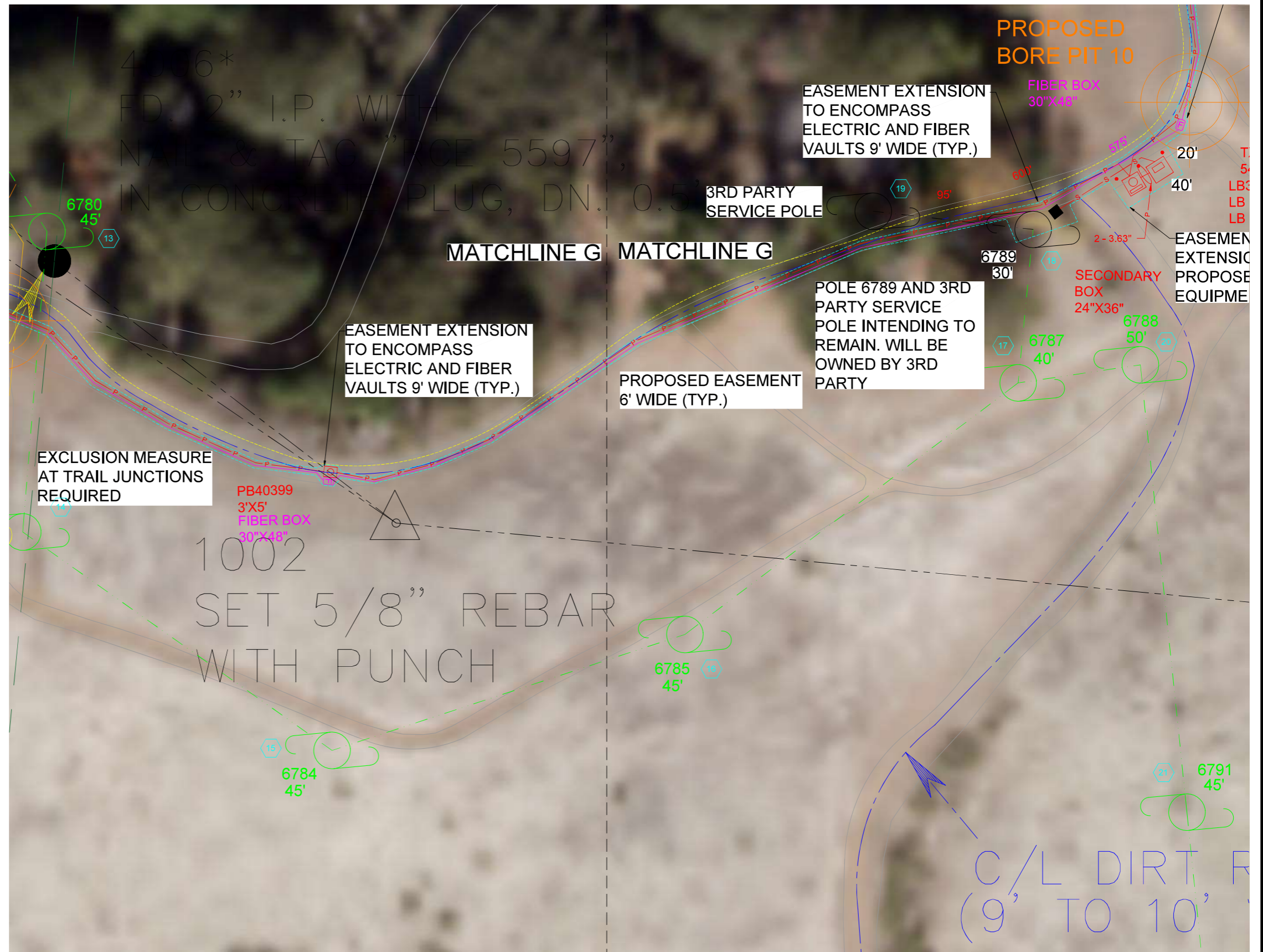
~100' - 1-1/0 AL TRIPLEX WIRE FROM POLE 6787 TO POLE 6789


BETWEEN LOCATION 17 & 20

~80' - 3-1/0 AL WIRE FROM POLE 6787 TO POLE 6788

BETWEEN LOCATION 20 & 21

~280' - 3-1/0 AL WIRE FROM POLE 6788 TO POLE 6791



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- LOCATION 22

CPAU POLE 6794

REMOVE

1 - TOP 45' WOOD POLE

1 - 15 KVA PT TX 4503

4 - 8' CROSSARMS

6 - BELLS

2 - GUY ANCHORS

3 - D.E. INSULATORS

2 - CUTOUTS

2 - FUSES
- LOCATION 23

CPAU POLE 6793

REMOVE

1 - 35' WOOD POLE

1 - GUY ANCHOR
- LOCATION 24

CPAU SERVICE POLE

REMOVE

1 - 35' WOOD POLE

1 - RISER

1 - METER

THE SCOPE OF WORK TO BRING POWER TO PUMP NEAR "BACKPACK CAMP" IS REMOVED. POLE LINE TO BE ENTIRELY REMOVED TO THAT PUMP. DISCONNECT METER AND PEDS.
- LOCATION 25

CPAU POLE 6796

REMOVE

1 - 40' WOOD POLE

1 - 8' CROSSARMS

2 - BELLS

- CPAU CABLE REMOVAL
- BETWEEN LOCATION 21 & 22

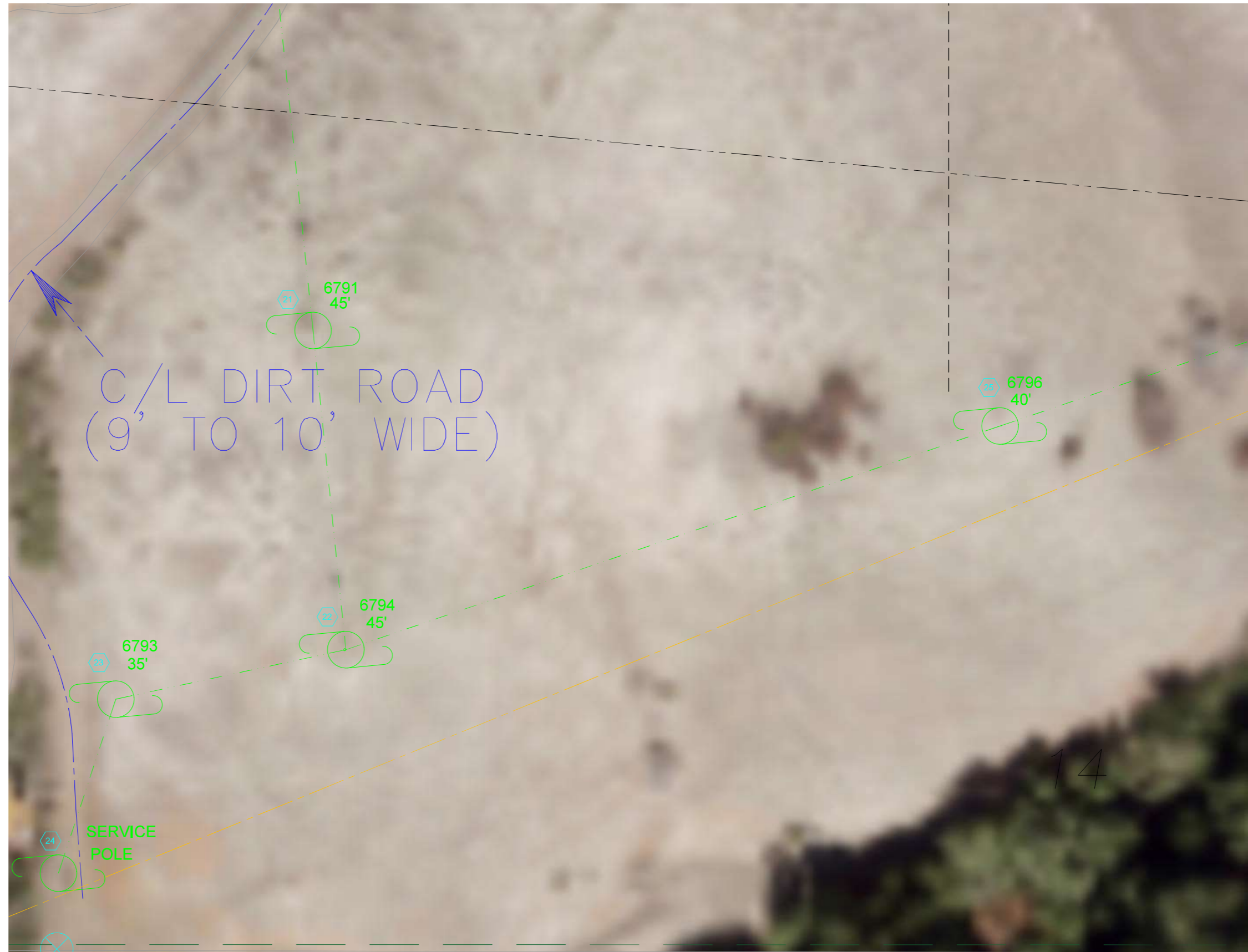
~200' - 3-1/0 AL WIRE FROM POLE 6791 TO POLE 6794
- BETWEEN LOCATION 22 & 23

~150' - 1-1/0 AL TRIPLEX WIRE FROM POLE 6794 TO POLE 6793
- BETWEEN LOCATION 23 & 24

~120' - 1-1/0 AL TRIPLEX WIRE FROM POLE 6793 TO SERVICE POLE
- BETWEEN LOCATION 22 & 25

~430' - 3-1/0 AL WIRE FROM POLE 6794 TO POLE 6796
- BETWEEN LOCATION 25 & 26

~815' - 3-1/0 AL WIRE FROM POLE 6796 TO POLE 6797



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- LOCATION 26

CPAU POLE 6797

REMOVE

1 - 45' WOOD POLE

2 - BELLS

1 - 8' CROSSARMS

1 - GUY ANCHOR
- LOCATION 27

CPAU POLE 6798

REMOVE

1 - 45' WOOD POLE

2 - 8' CROSSARMS

4 - CUTOUTS

2 - FUSES

2 - BELLS

8 - D.E. INSULATORS

2 - GUY ANCHOR
- LOCATION 28

CPAU POLE 6799

REMOVE

3 - 8' CROSSARMS

4 - BELLS

5 - D.E. INSULATORS

2 - GUY ANCHOR

TOP WOOD POLE, LEAVE SECONDARY SERVICE DROP TO STRUCTURES. POLE WILL BE INCLUDED IN EASEMENT TRANSFER UNTIL ALL SERVICES ATTACHED TO POLE ARE UNDERGROUNDED.
- LOCATION 29

CPAU POLE 6800

REMOVE

1 - 8' CROSSARMS

2 - BELLS

2 - D.E. INSULATORS

2 - GUY ANCHOR

1 - 37.5 KVA PT TX 7805

2 - CUTOUTS

2 - FUSES

TOP WOOD POLE, LEAVE SECONDARY SERVICE DROP TO STRUCTURES. POLE WILL BE INCLUDED IN EASEMENT TRANSFER UNTIL ALL SERVICES ATTACHED TO POLE ARE UNDERGROUNDED.
- CPAU CABLE REMOVAL

BETWEEN LOCATION 25 & 26

~815' - 3-1/0 AL WIRE FROM POLE 6796 TO POLE 6797

BETWEEN LOCATION 26 & 27

~400' - 3-1/0 AL WIRE FROM POLE 6797 TO POLE 6798

BETWEEN LOCATION 27 & 28

~150' - 3-1/0 AL WIRE FROM POLE 6798 TO POLE 6799

BETWEEN LOCATION 28 & 29

~180' - 3-1/0 AL WIRE FROM POLE 6799 TO POLE 6800

BETWEEN LOCATION 28 & 30

~290' - 3-1/0 AL WIRE FROM POLE 6799 TO POLE 6801



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LOCATION 30  
CPAU POLE 6801  
REMOVE  
1- 35' WOOD POLE  
2 - 8' CROSSARMS  
4 - BELLS  
1 - GUY ANCHOR


LOCATION 31  
CPAU POLE 6802  
REMOVE  
1- 35' WOOD POLE  
1 - 8' CROSSARMS  
2 - BELLS  
1 - GUY ANCHOR

LOCATION 32  
CPAU POLE 6803  
REMOVE  
1- 35' WOOD POLE  
1 - 8' CROSSARMS  
2 - BELLS  
1 - GUY ANCHOR

LOCATION 33  
CPAU POLE 6804  
REMOVE  
1- 35' WOOD POLE  
1 - 8' CROSSARMS  
2 - BELLS  
4 - D.E. INSULATORS  
1 - GUY ANCHOR

CPAU CABLE REMOVAL  
  
BETWEEN LOCATION 28 & 30  
~290' - 3-1/0 AL WIRE FROM POLE 6799 TO  
POLE 6801  
  
BETWEEN LOCATION 30 & 31  
~225' - 3-1/0 AL WIRE FROM POLE 6801 TO  
POLE 6802  
  
BETWEEN LOCATION 31 & 32  
~250' - 3-1/0 AL WIRE FROM POLE 6802 TO  
POLE 6803  
  
BETWEEN LOCATION 32 & 33  
~300' - 3-1/0 AL WIRE FROM POLE 6803 TO  
POLE 6804  
  
BETWEEN LOCATION 33 & 34  
~270' - 3-1/0 AL WIRE FROM POLE 6804 TO  
POLE 6805



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LOCATION 34  
CPAU POLE 6805  
REMOVE  
1 - 8" CROSSARMS  
2 - BELLS  
1 - GUY ANCHOR  
1 - 25 KVA PT TX 7747  
2 - CUTOUTS  
2 - FUSES  
TOP WOOD POLE, LEAVE SECONDARY  
SERVICE DROP TO STRUCTURES. POLE  
WILL BE INCLUDED IN EASEMENT TRANSFER  
UNTIL ALL SERVICES ATTACHED TO POLE  
ARE UNDERGROUNDED.

LOCATION 35  
CPAU POLE 6806  
REMOVE  
2 - 8" CROSSARMS  
2 - BELLS  
2 - GUY ANCHORS  
2 - D.E. INSULATORS  
1 - 25 KVA PT TX 7599  
2 - CUTOUTS  
2 - FUSES  
TOP WOOD POLE, LEAVE SECONDARY  
SERVICE DROP TO STRUCTURES. POLE  
WILL BE INCLUDED IN EASEMENT TRANSFER  
UNTIL ALL SERVICES ATTACHED TO POLE  
ARE UNDERGROUNDED.

CPAU CABLE REMOVAL  
BETWEEN LOCATION 33 & 34  
~270' - 3-1/0 AL WIRE FROM POLE 6804 TO  
POLE 6805  
BETWEEN LOCATION 34 & 35  
~310' - 3-1/0 AL WIRE FROM POLE 6805 TO  
POLE 6806



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CHKD. P.VALATH			MAP # _____ _____ HW-20	SCALE _____	W.O.# / DRAWING # 40027598
			NTS		SHEET 27 OF 27

## **Best Management Practices for On-Site Handling of Spoils:**

### **1. Designated Storage Areas:**

- Establish clearly marked, stable areas for spoil storage that are located away from sensitive environments like water bodies, wetlands, or steep slopes.
- Use temporary barriers, such as silt fences, wattles, or berms, to prevent spoil migration due to rain or wind.
- Regularly inspect storage areas for runoff issues and address them promptly with drainage systems or sediment traps.

### **2. Segregation of Spoils:**

- Separate spoils by type (e.g., soil, rock, demolition debris) for efficient reuse or recycling later.
- Keep contaminated or hazardous materials isolated from clean spoils to prevent cross-contamination.
- Hazardous Materials (as defined by the EPA) shall be stored with a method for secondary containment in the event of a leak or spill. Secondary containment may take the form of a larger container that can sufficiently hold the contents of a spill.

### **3. Accessibility and Safety:**

- Ensure spoil storage areas are accessible for easy loading and unloading while maintaining a safe distance from active construction zones.
- Provide workers with personal protective equipment (PPE) and training on safe spoil handling techniques.

### **4. Disposal of Spoils:**

- Larger spoils (such as cut conduit or broken boring rods) may be temporarily stored in designated areas identified by the AHJ. These spoils should be removed from these temporary areas at the end of every working week (typically Friday unless there is a holiday than the day before).



## **Best Management Practices (BMP) Procedure for Underground Electric Distribution Projects**

**Techniques Used:** Horizontal Directional Drilling (HDD) & Open Trenching

---

### **1. Horizontal Directional Drilling (HDD) Best Practices**

- **Drilling Path Design & Bore Planning**
    - Utilize GPS tracking and hydraulic calculations to plan bore paths and ensure accurate drill trajectories.
    - Avoid congested utility corridors and environmentally sensitive areas.
  - **Drill Fluid Management & Environmental Controls**
    - Implement fluid containment measures, such vacuum recovery systems (Vac-Truck).
  - **Pullback & Conduit Installation**
    - Conduct pre-pullback inspections to ensure the borehole is properly conditioned for conduit installation.
    - Use HDPE or reinforced PVC conduit rated for underground electrical distribution.
  - **Post-Drill Verification & Testing**
    - Perform integrity testing on installed conduits (Mandrel-test).
- 

### **2. Open Trenching Best Practices**

- **Excavation & Utility Coordination**
  - Use **soft digging techniques** (hydro excavation or vacuum excavation) to expose existing utilities safely.
  - Employ trench shoring methods, such as trench boxes or sloping, to prevent collapses.



- **Cable Placement & Bedding Material**

- Ensure cables are placed at the correct depth per utility standards (typically 30 inches minimum below grade).
- Utilize clean sand or crushed stone as bedding material to protect conduit and cables.

- **Backfilling & Surface Restoration**

- Use controlled compaction methods to prevent future settlement and ground disturbances.
- Restore pavement, landscaping, or sidewalks to their original condition, ensuring compliance with municipal standards.

---

### **3. Weather, Environmental & Sustainability Considerations**

- **Erosion & Sediment Control**

- Use silt fences and sediment traps to prevent runoff from trenching areas.

- **Drilling Waste Management**

- Dispose of excess drilling fluids responsibly and avoid contamination of stormwater systems.

- **Wildlife Protections**

- Maintain buffer zones around protected environmental areas.
- Utilize construction tree wrap on any trees in proximity to the trench.

- **Weather Consideration**

- In the event of heavy rain or other weather that would make construction infeasible, crews to make best effort to prepare the worksite for the weather and pause construction until safe to resume work.
- In the event of a red flag warning in the Foothills area, all construction to cease and resume once the warning has lifted. Activities such as plating open trenches, cleaning up trash, or other “housekeeping” are permitted.

#### **4. Post-Construction & Quality Assurance**

- **Documentation & Reporting**
  - Submit as-built drawings and project completion reports for regulatory compliance.
  - Maintain detailed records of cable installations, drill logs, and trenching activities.

## **Discovery of Human Remains or Burial Items:**

The following actions must be taken immediately upon the discovery of human remains:

- Stop immediately and contact the County Coroner.
- The coroner has two working days to examine human remains after being notified by the responsible person. If the remains are Native American, the Coroner has 24 hours to notify the Native American Heritage Commission.
- The Native American Heritage Commission will immediately notify the person it believes to be the most likely descendent of the deceased Native American.
- The most likely descendent has 48 hours to make recommendations to the owner, or representative, for the treatment or disposition, with proper dignity, of the human remains and grave goods.

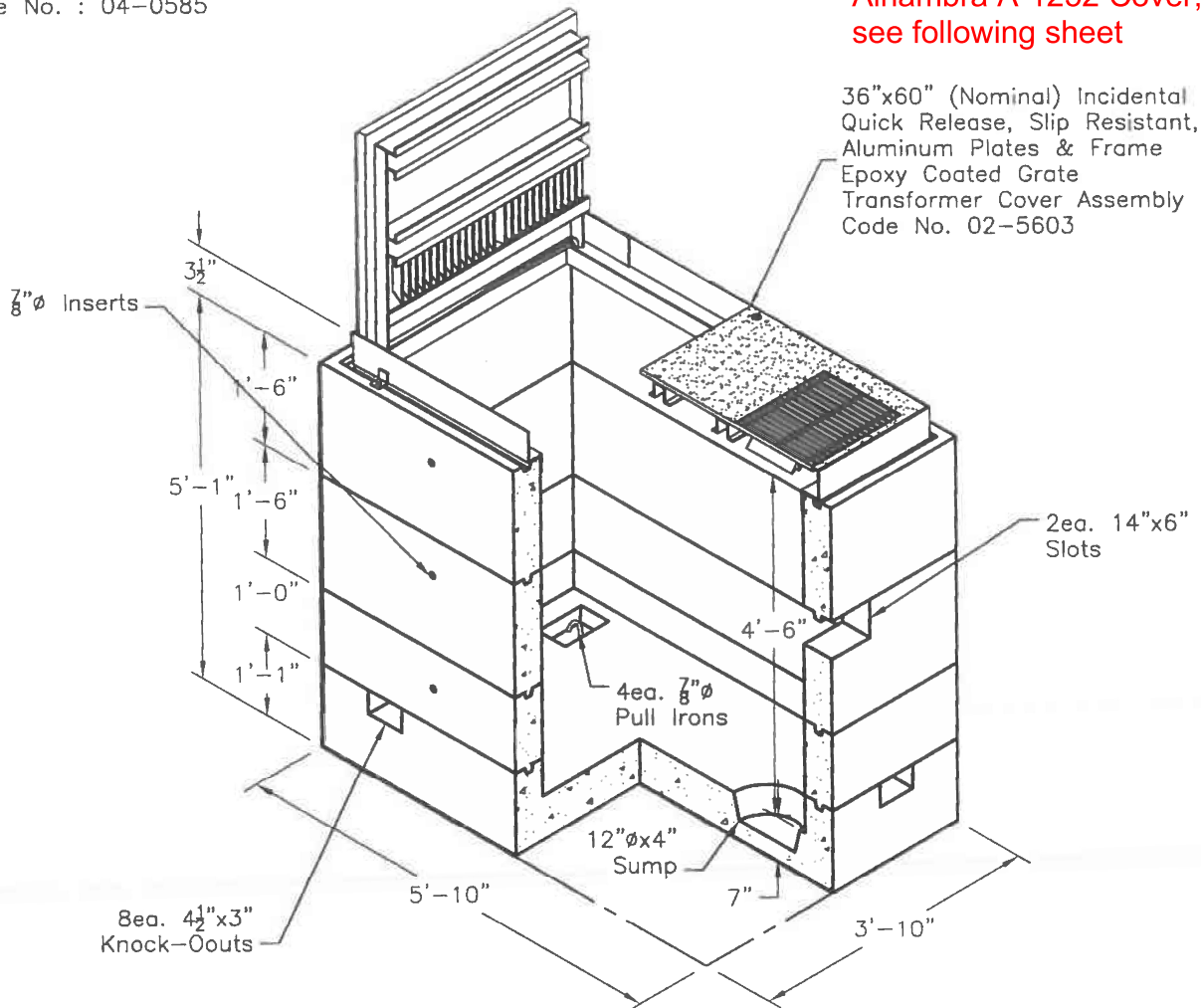
If the descendent does not make recommendations within 48 hours the owner shall reinter the remains in an area of the property secure from further disturbance, or:

- If the landowner does not accept the descendant's recommendations, the owner or the descendent may request mediation by the Native American Heritage Commission.
- Discuss and confer means the meaningful and timely discussion with careful consideration of the views of each party's cultural values and, where feasible, seeking agreement.
- If mediation fails, the landowner shall reinter the human remains with appropriate dignity on the property in a location not subject to future subsurface disturbance.

# Primary Electric Vault Spec

3'-0"X5'-0"X4'-6" Intercept  
Concrete Transformer Enclosure Assembly  
Code No. : 04-0585

**Alhambra A-1252 Cover,**  
**see following sheet**



Item	Dimensions (Inside)			Code Numbers
	A	B	H	
Transformer Enclosure Assy.	3'-0"	5'-0"	4'-6"	04-0585
13" Bottom Section	3'-0"	5'-0"	0'-6"	04-0582
12" Primary Section	3'-0"	5'-0"	1'-0"	04-0580
18" Secondary Section	3'-0"	5'-0"	1'-6"	04-0579
18" Extension	3'-0"	5'-0"	1'-6"	04-0578
Transformer Cover	3'-0"	5'-0"		02-5603

18" Riser Weight 1,700 Lbs.  
12" Riser Weight 1,150 Lbs.  
Bottom Weight 2,550 Lbs.

Drawing May Not Conform To The Most Current Specification

SCALE: 1/2" = 1'-0"



**Oldcastle Precast**  
**UTILITY VAULT Division**  
3786 Valley Ave. Pleasanton California 94566  
Phone: 925-846-8183 Fax: 925-846-4904

**PG&E-355**

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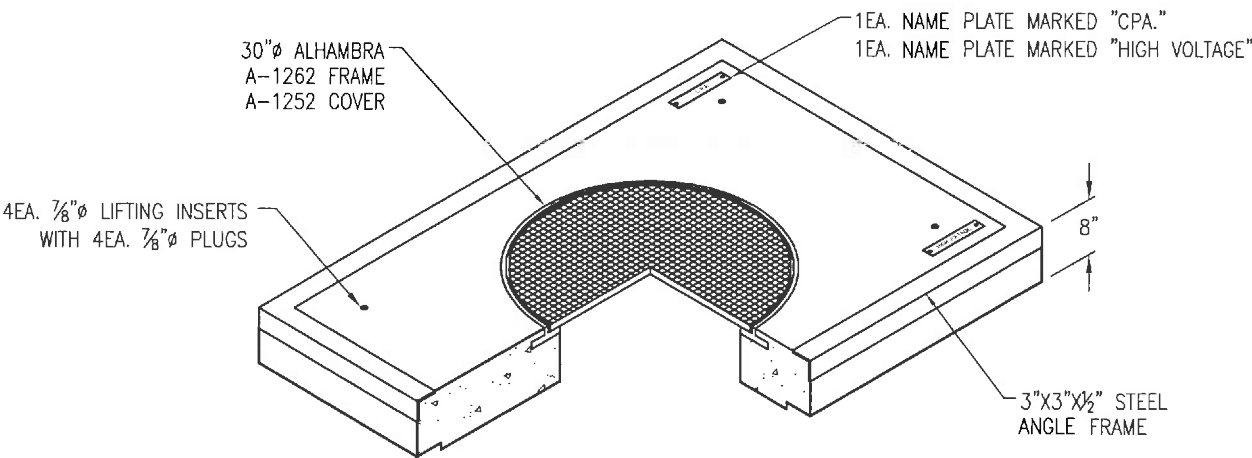
ISSUE DATE: July 2006

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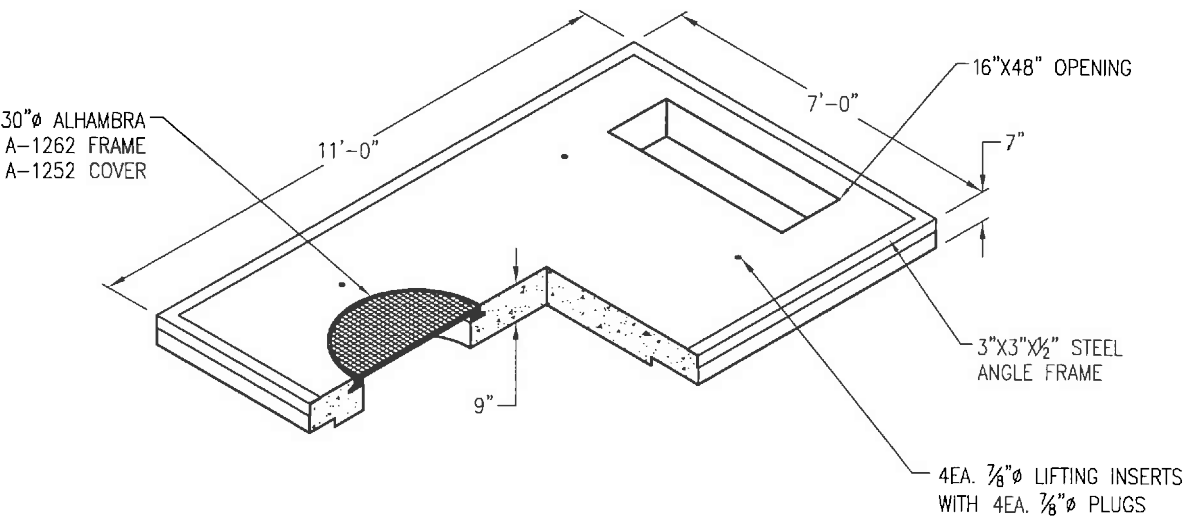
**3'-0" x 5'-0" x 4'-6" (I.D.)**  
**Intercept Transformer Encl.**  
**PG&E**

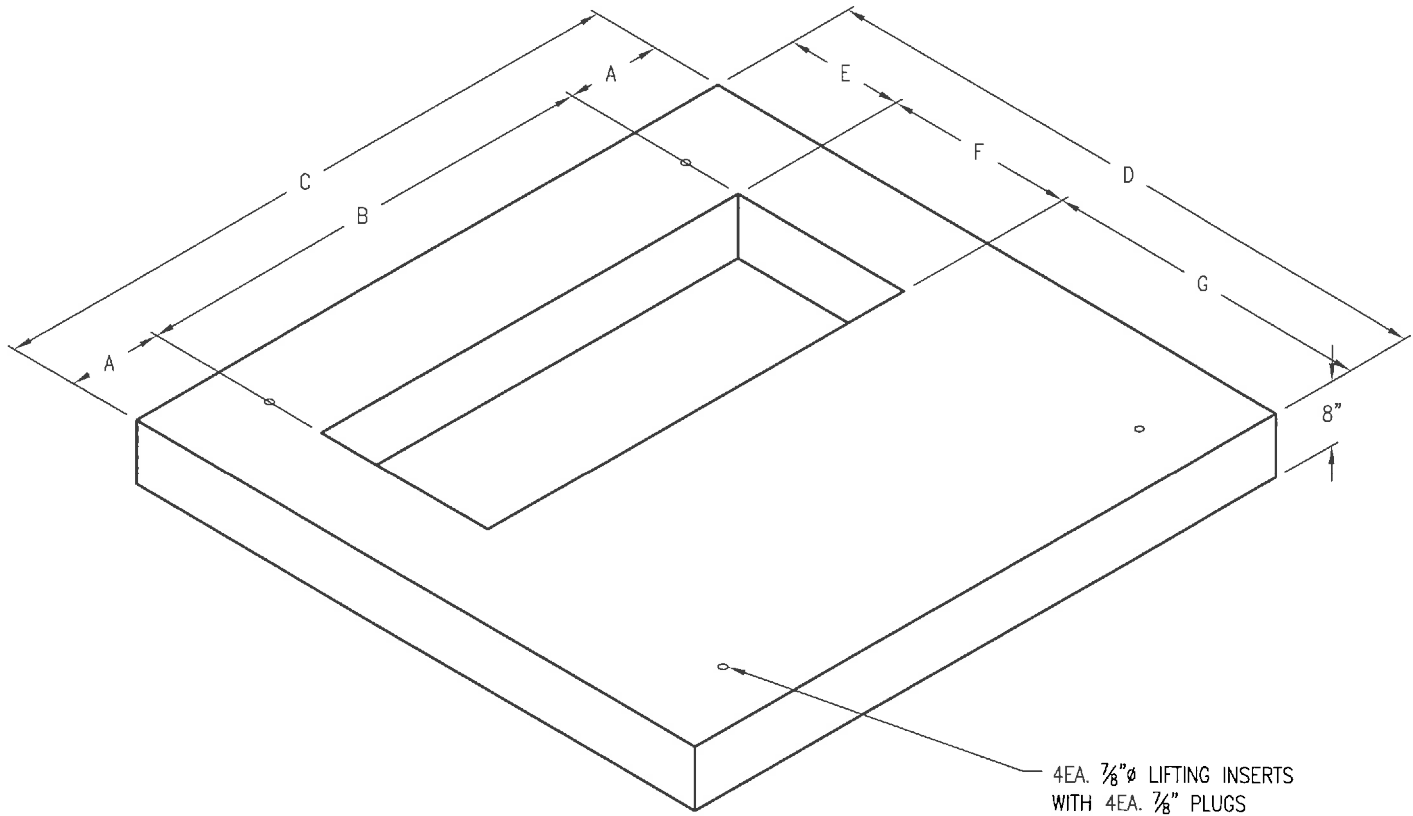
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3x5 Vault Lid:



3x5 Loadbreak Lid:





KVA SIZE	WEIGHT (LBS)	A	B	C	D	E	F	G
25 - 75	1,975	12"	30"	54"	60"	10"	15"	35"
75 - 112.5	3,665	20"	40"	80"	74"	15"	20"	39"
150 - 500	3,905	20"	48"	88"	74"	15"	20"	39"
750 - 1000	6,220	26"	48"	100"	100"	15"	24"	61"
1500	7,710	26"	56"	108"	114"	15"	24"	75"
2000 - 2500	8,675	29"	56"	114"	120"	15"	24"	81"



**Oldcastle Precast**®

Northern California  
Madera ■ Morgan Hill ■ Pleasanton ■ Santa Rosa ■ Stockton ■ Tulare  
Phone: 925-750-6650 Fax: 925-750-6660

CPA-PAD

FILE NAME: CPA-13.DWG

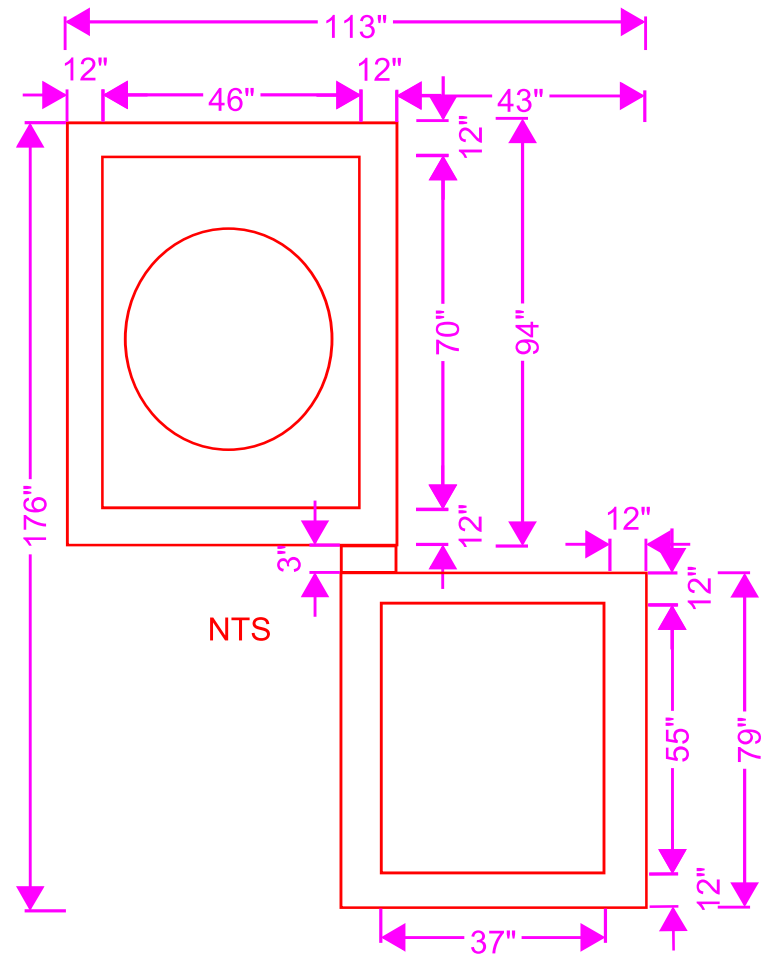
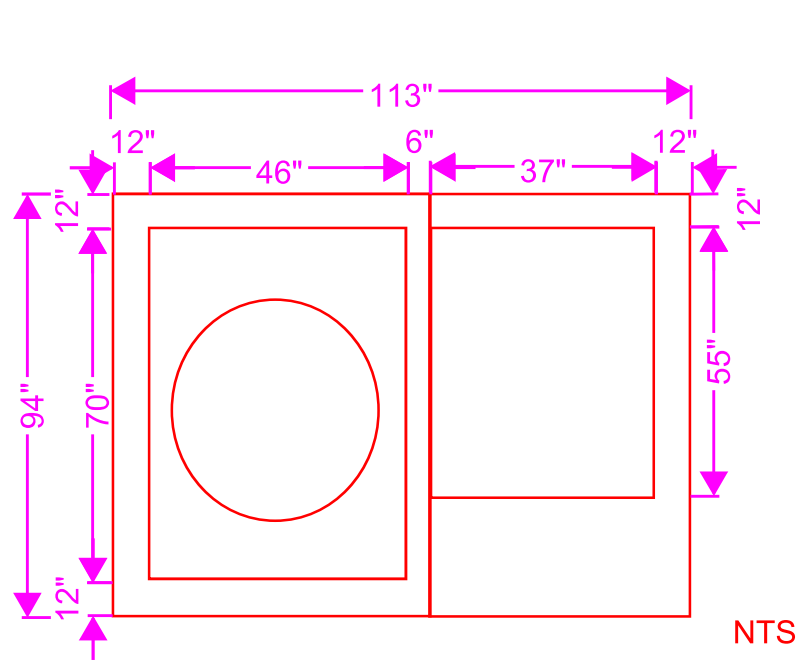
REVISED: MARCH 2016

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VARIES X 0'-8" (O.D.)  
TRANSFORMER PADS  
CITY OF PALO ALTO

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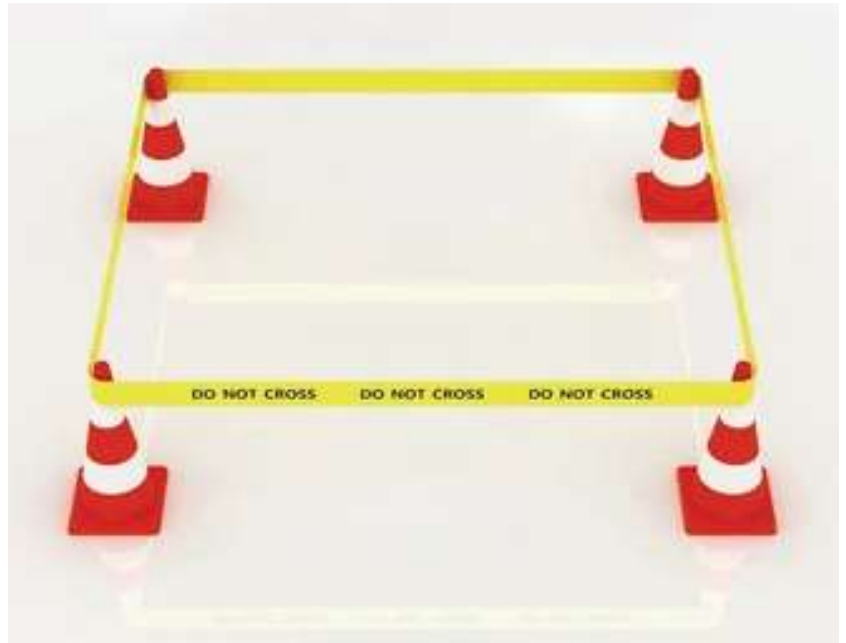
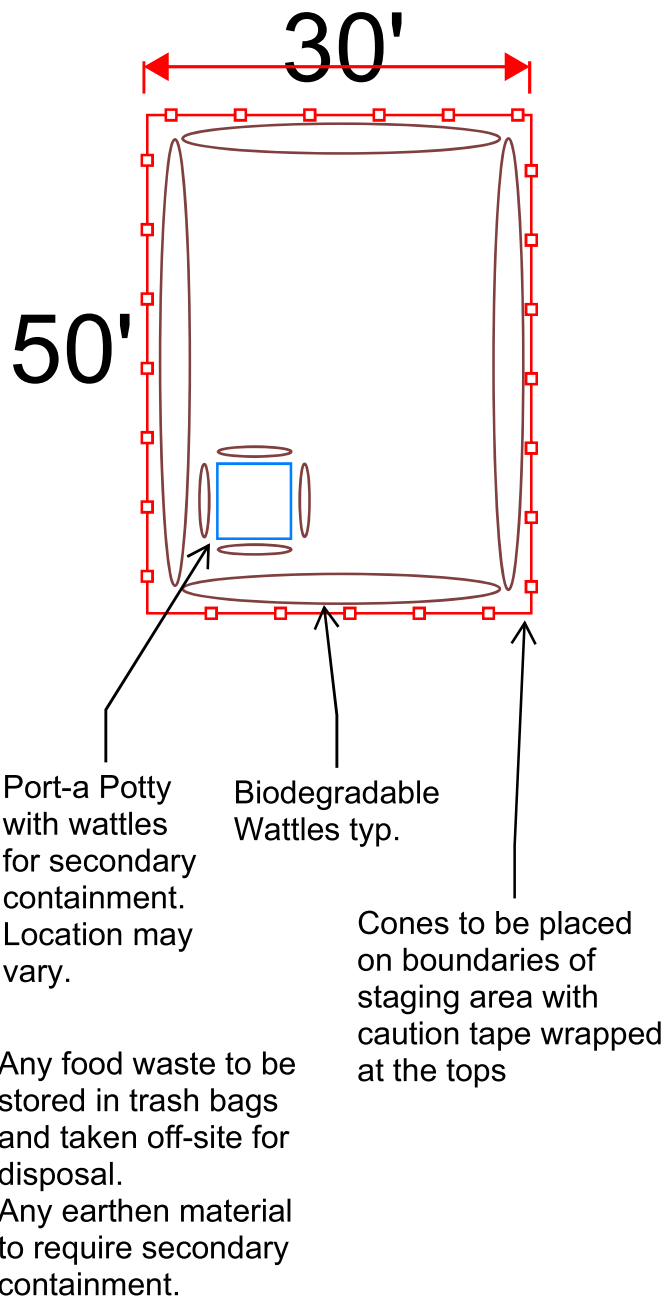
# Vault Examples



# LoadBreak and Transformer Equipment Examples



# Temporary Staging Area Layout



Temporary staging area to serve as a location to park the bore rig and vacuum trailer, store conduit reels, store spoils, and stage a port-a-potty. Likely area to be 30'x50', this may be variable depending on current equipment in use.

## STANDARD

# SMOOTHWALL

- Manufactured from flexible HDPE, makes gradual bends without special equipment
- Continuous lengths reduce joining costs
- Excellent low temperature properties, allows installation in cold climates
- Outstanding long term cable protection from shifting ground, rock and root impingement
- Provides a permanent pathway, simplifies future cable repairs or replacement

### INSTALLATION TYPES

Existing Conduit  
Plow  
Directional Bore

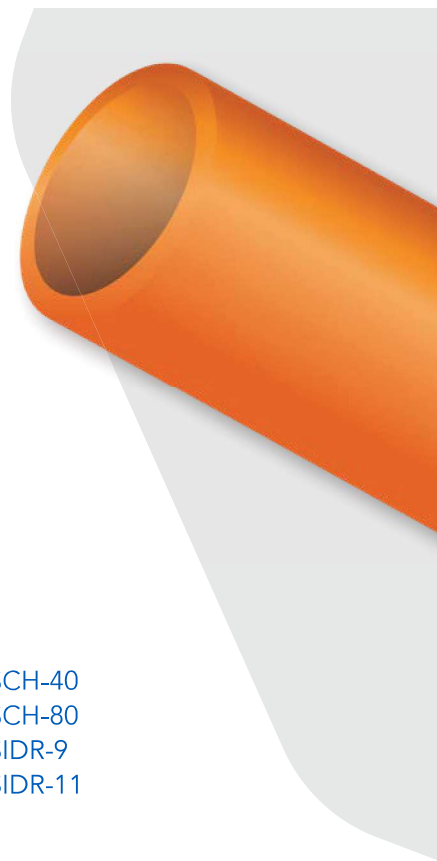
### SIZE RANGE AVAILABLE

0.5"	2.0"	6.0"
0.75"	2.5"	8.0"
1.0"	3.0"	10.0"
1.25"	4.0"	12.0"
1.5"	5.0"	

### WALL TYPES

SDR-9	SCH-40
SDR-11	SCH-80
SDR-13.5	SIDR-9
SDR-15.5	SIDR-11
SDR-17	

### STANDARD COLORS



## STANDARD

**FOOTAGE MARKINGS** Sequential foot or meter markings. Custom print streams available.

**SPECIFICATIONS** All Smoothwall conduit dimensions meets or exceeds one or more of the following: ASTM F-2160, ASTM D-3350, ASTM D-2239, ASTM D-3485, NEMA TC-7, UL 651, UL 1990, Bellcore GR-356.

## OPTIONS

**SILICORE** is co-extruded with the tough HDPE jacket creating a super, slick permanent lining. SILICORE lined ducts allow for higher speed cable jetting and longer cable pulls.

**PREINSTALLED TAPE** Factory pre-installed Bull-Line™ Pull Tape with EVEN-LOAD™, ensures extra slack at any access point throughout the reel. Available 500lb–6,000lb tensile strength or locatable.

**UL LISTING AVAILABLE** from ½"–6" for SDR 13.5, SCH 40 and SCH 80.

**EXTERNAL STRIPES** can be added from our standard color offering to facilitate visual identification.

**UV PROTECTANT** available for aerial/lashed placement.

FEATURES



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# SMOOTHWALL (SDR) TECHNICAL SPECIFICATIONS (SIZES 3"-12" NEXT PAGE)

WALL TYPE	PIPE SIZE	½"	¾"	1"	1¼"	1½"	2"	2 ½"
	NOM OD (IN)	0.840	1.050	1.315	1.660	1.900	2.375	2.875
	OD TOLERANCE +/-	0.004	0.005	0.007	0.008	0.010	0.012	0.014
	BEND RADIUS (IN) SUPPORTED	8	10	13	17	19	24	29
	BEND RADIUS (IN) UNSUPPORTED	16	20	26	34	38	48	58
SDR-9	MIN. WALL (IN)	0.093	0.117	0.146	0.184	0.211	0.264	0.319
	WALL TOLERANCE +	0.020	0.020	0.020	0.022	0.025	0.032	0.038
	AVG ID (IN)	0.634	0.796	1.003	1.270	1.453	1.815	2.199
	MIN ID (IN)	0.614	0.776	0.983	1.248	1.428	1.783	2.161
	WEIGHT (#/FT)	0.098	0.152	0.234	0.370	0.485	0.759	1.110
	SWPS (LBS)	525	821	1,288	,052	2,688	4,200	6,155
SDR-11	MIN. WALL (IN)	0.076	0.095	0.120	0.151	0.173	0.216	0.261
	WALL TOLERANCE +	0.020	0.020	0.020	0.020	0.021	0.026	0.031
	AVG ID (IN)	0.668	0.840	1.055	1.338	1.533	1.917	2.322
	MIN ID (IN)	0.648	0.820	1.035	1.318	1.512	1.891	2.291
	WEIGHT (#/FT)	0.084	0.128	0.199	0.312	0.408	0.636	0.930
	SWPS (LBS)	440	687	1078	1717	2249	3515	5151
SDR-13.5	MIN. WALL (IN)	0.062	0.078	0.097	0.123	0.141	0.176	0.213
	WALL TOLERANCE +	0.020	0.020	0.020	0.020	0.020	0.021	0.026
	AVG ID (IN)	0.696	0.874	1.101	1.394	1.598	2.002	2.423
	MIN ID (IN)	0.676	0.854	1.081	1.374	1.578	1.981	2.397
	WEIGHT (#/FT)	0.072	0.110	0.167	0.263	0.342	0.528	0.775
	SWPS (LBS)	365	570	894	1425	1867	2917	4274
SDR-15.5	MIN. WALL (IN)	0.062	0.068	0.084	0.107	0.123	0.153	0.185
	WALL TOLERANCE +	0.018	0.020	0.020	0.020	0.020	0.020	0.022
	AVG ID (IN)	0.698	0.894	1.127	1.426	1.634	2.049	2.483
	MIN ID (IN)	0.680	0.874	1.107	1.406	1.614	2.029	2.461
	WEIGHT (#/FT)	0.071	0.098	0.149	0.234	0.304	0.467	0.680
	SWPS (LBS)			792	1,234	1,607	2,466	3,592
SDR-17	MIN. WALL (IN)		0.062	0.077	0.098	0.112	0.140	0.169
	WALL TOLERANCE +		0.020	0.020	0.020	0.020	0.020	0.020
	AVG ID (IN)		0.906	1.141	1.444	1.656	2.075	2.517
	MIN ID (IN)		0.886	1.121	1.424	1.636	2.055	2.497
	WEIGHT (#/FT)		0.091	0.138	0.217	0.281	0.432	0.625
	SWPS (LBS)		460	722	1150	1507	2355	3450

(SIZES 3"-12: NEXT PAGE)



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## SMOOTHWALL (SDR) TECHNICAL SPECIFICATIONS (SIZES ½"-2½" PREVIOUS PAGE)

	PIPE SIZE	3"	4"	5"	6"	8"	10"	12"
WALL TYPE	NOM OD (IN)	3.500	4.500	5.563	6.625	8.625	10.750	12.750
	OD TOLERANCE +/-	0.018	0.023	0.028	0.033	0.043	0.054	0.064
	BEND RADIUS (IN) SUPPORTED	39	50	61	73	155	194	230
	BEND RADIUS (IN) UNSUPPORTED	78	100	122	146	233	290	344
SDR-9	MIN. WALL (IN)	0.389	0.500	0.618	0.736	0.958	1.194	1.417
	WALL TOLERANCE +	0.047	0.060	0.074	0.088	0.115	0.143	0.170
	AVG ID (IN)	2.675	3.440	4.253	5.065	6.593	8.219	9.746
	MIN ID (IN)	2.628	3.380	4.179	4.977	6.479	8.076	9.576
	WEIGHT (#/FT)	1.648	2.723	4.161	5.901	10.001	15.534	21.866
	SWPS (LBS)	9,122	15,080	23,045	32,684	55,397	8,6057	121,056
SDR-11	MIN. WALL (IN)	0.318	0.409	0.506	0.602	0.784	0.977	1.159
	WALL TOLERANCE +	0.038	0.049	0.061	0.072	0.094	0.117	0.139
	AVG ID (IN)	2.826	3.633	4.490	5.349	6.963	8.679	10.293
	MIN ID (IN)	2.788	3.584	4.429	5.277	6.869	8.562	10.154
	WEIGHT (#/FT)	1.380	2.282	3.490	4.944	8.383	13.019	18.319
	SWPS (LBS)	7633	12618	19284	27349	46355	72010	101297
SDR-13.5	MIN. WALL (IN)	0.259	0.333	0.412	0.491	0.639	0.796	0.944
	WALL TOLERANCE +	0.031	0.040	0.049	0.059	0.077	0.096	0.113
	AVG ID (IN)	2.951	3.794	4.690	5.584	7.270	9.062	10.749
	MIN ID (IN)	2.920	3.754	4.641	5.525	7.193	8.966	10.636
	WEIGHT (#/FT)	1.146	1.895	2.896	4.112	6.969	10.821	15.214
	SWPS (LBS)	6335	10472	16004	22697	38470	59762	84067
SDR-15.5	MIN. WALL (IN)	0.226	0.290	0.359	0.427			
	WALL TOLERANCE +	0.027	0.035	0.043	0.051			
	AVG ID (IN)	3.021	3.885	4.802	5.720			
	MIN ID (IN)	2.994	3.850	4.759	5.669			
	WEIGHT (#/FT)	1.011	1.669	2.552	3.615			
	SWPS (LBS)	5,342	8,814	13,483	19,123			
SDR-17	MIN. WALL (IN)	0.206	0.265	0.327	0.390			
	WALL TOLERANCE +	0.025	0.032	0.039	0.047			
	AVG ID (IN)	3.063	3.938	4.870	5.798			
	MIN ID (IN)	3.038	3.906	4.831	5.751			
	WEIGHT (#/FT)	0.928	1.534	2.339	3.324			
	SWPS (LBS)	5114	8453	12918	18321			

(SIZES ½"-2½" PREVIOUS PAGE)



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## SMOOTHWALL (SCH) TECHNICAL SPECIFICATIONS (SIZES 3"-12" NEXT PAGE)

WALL TYPE	PIPE SIZE	½"	¾"	1"	1¼"	1½"	2"	2 ½"
	NOM OD (IN)	0.840	1.050	1.315	1.660	1.900	2.375	2.875
	OD TOLERANCE +/-	0.004	0.005	0.007	0.008	0.010	0.012	0.014
	BEND RADIUS (IN) SUPPORTED	8	10	13	17	19	24	29
	BEND RADIUS (IN) UNSUPPORTED	16	20	26	34	38	48	58
SCH-40	MIN. WALL (IN)	0.109	0.113	0.133	0.140	0.145	0.154	0.203
	WALL TOLERANCE +	0.020	0.020	0.020	0.020	0.020	0.020	0.024
	MIN ID (IN)	0.582	0.784	1.009	1.340	1.570	2.027	2.421
	AVG ID (IN)	0.602	0.804	1.029	1.360	1.590	2.047	2.445
	WEIGHT (#/FT)	0.111	0.148	0.217	0.293	0.350	0.469	0.740
	SWPS (LBS)	601	798	1340	1604	1919	2579	4090
SCH-80	MIN. WALL (IN)	0.147	0.154	0.179	0.191	0.200	0.218	0.276
	WALL TOLERANCE +	0.020	0.020	0.021	0.023	0.024	0.026	0.033
	MIN ID (IN)	0.506	0.702	0.915	1.232	1.452	1.887	2.257
	AVG ID (IN)	0.526	0.722	0.936	1.255	1.476	1.913	2.290
	WEIGHT (#/FT)	0.139	0.188	0.276	0.382	0.463	0.641	0.978
	SWPS (LBS)	768	1040	1533	2116	2564	2545	5409

### SMOOTHWALL SDR & SCHEDULE NOTES

- Bend Radius**

½" through 2 ½"	Supported Bend Radius 10 times the OD	Unsupported Bend Radius 20 times the OD
3" through 6"	Supported Bend Radius 11 times the OD	Unsupported Bend Radius 22 times the OD
8" through 16"	Supported Bend Radius 18 times the OD	Unsupported Bend Radius 27 times the OD
- During cable placement, large sweeping bends are recommended over tighter bends. Pre-formed sweeps are recommended for conduit sizes 8" through 16" diameters.
- SWPS (Safe Working Pull Strength) is calculated using a 25% safety factor with the minimum resin tensile strength of 3,000 psi, the average OD and average wall thickness.

(SIZES 3"-12: NEXT PAGE)



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# SMOOTHWALL (SCH) TECHNICAL SPECIFICATIONS (SIZES ½"-2½" PREVIOUS PAGE)

WALL TYPE	PIPE SIZE	3"	4"	5"	6"	8"	10"	12"
	NOM OD (IN)	3.500	4.500	5.563	6.625	8.625	10.750	12.750
	OD TOLERANCE +/-	0.018	0.023	0.028	0.033	0.043	0.054	0.064
	BEND RADIUS (IN) SUPPORTED	39	50	61	73	155	194	230
	BEND RADIUS (IN) UNSUPPORTED	78	100	122	146	233	290	344
SCH-40	MIN. WALL (IN)	0.216	0.237	0.258	0.280	0.322	0.365	0.406
	WALL TOLERANCE +	0.026	0.028	0.031	0.034	0.039	0.044	0.049
	MIN ID (IN)	3.016	3.970	4.985	5.997	7.903	9.932	11.840
	AVG ID (IN)	3.042	3.998	5.016	6.031	7.942	9.976	11.889
	WEIGHT (#/FT)	0.969	1.380	1.872	2.432	3.661	5.215	6.846
	SWPS (LBS)	5348	7618	10320	13395	20158	28580	
SCH-80	MIN. WALL (IN)	0.300	0.337	0.375	0.432			
	WALL TOLERANCE +	0.036	0.040	0.045	0.052			
	MIN ID (IN)	2.828	3.746	4.723	5.657			
	AVG ID (IN)	2.864	3.786	4.768	5.709			
	WEIGHT (#/FT)	1.310	1.914	2.657	3.656			
	SWPS (LBS)	7238	10578	14669	20172			

← (SIZES ½"-2½" PREVIOUS PAGE)



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## SMOOTHWALL (SIDR) TECHNICAL SPECIFICATIONS

WALL TYPE	PIPE SIZE	½"	¾"	1"	1 ¼"	1 ½"	2"	2 ½"	3"	4"	6"
	MIN ID (IN)	0.622	0.824	1.049	1.380	1.610	2.067	2.469	3.068	4.026	6.065
	ID TOLERANCE +	0.010	0.010	0.010	0.010	0.015	0.015	0.015	0.015	0.020	0.020
	ID TOLERANCE –	0.010	0.015	0.020	0.020	0.020	0.020	0.020	0.030	0.020	0.035
	BEND RADIUS (IN) SUPPORTED	8	10	13	17	19	24	29	39	50	73
	BEND RADIUS (IN) UNSUPPORTED	16	20	26	34	38	48	58	78	100	146
SIDR-9	MIN. WALL (IN)	0.069	0.092	0.117	0.153		0.230				
	WALL TOLERANCE +	0.020	0.020	0.020	0.020		0.028				
	AVG OD (IN)	0.780	1.026	1.298	1.701		2.553				
	WEIGHT (#/FT)	0.072	0.122	0.192	0.324		0.729				
	SWPS (LBS)	445	760	1471	1652		4535				
SIDR-11.5	MIN. WALL (IN)	0.060	0.072	0.091	0.120	0.140	0.180	0.215	0.267	0.350	0.527
	WALL TOLERANCE +	0.020	0.020	0.020	0.020	0.020	0.022	0.026	0.032	0.042	0.063
	AVG OD (IN)	0.762	0.986	1.246	1.635	1.908	2.447	2.919	3.627	4.768	7.175
	WEIGHT (#/FT)	0.063	0.096	0.150	0.253	0.341	0.558	0.792	1.225	2.111	4.782
	SWPS (LBS)	390	597	891	1,549	2,123	3,468	4,934	7,627	13,119	29,750

### SMOOTHWALL SIDR NOTES:

- Bend Radius ½" through 2 ½"

Supported Bend Radius 10 times the OD      Unsupported Bend Radius 20 times the OD 3" through 6"

Supported Bend Radius 11 times the OD      Unsupported Bend Radius 22 times the OD 8" through 16"

Supported Bend Radius 18 times the OD      Unsupported Bend Radius 27 times the OD
- During cable placement, large sweeping bends are recommended over tighter bends.

Pre-formed sweeps are recommended for conduit sizes 8" through 16" diameters.
- SWPS (Safe Working Pull Strength) is calculated using a 25% safety factor with the minimum resin tensile strength of 3,000 psi, the average OD and average wall thickness.
- Internal or external ribs are in addition to the average wall and for determining OD and ID dimensions.

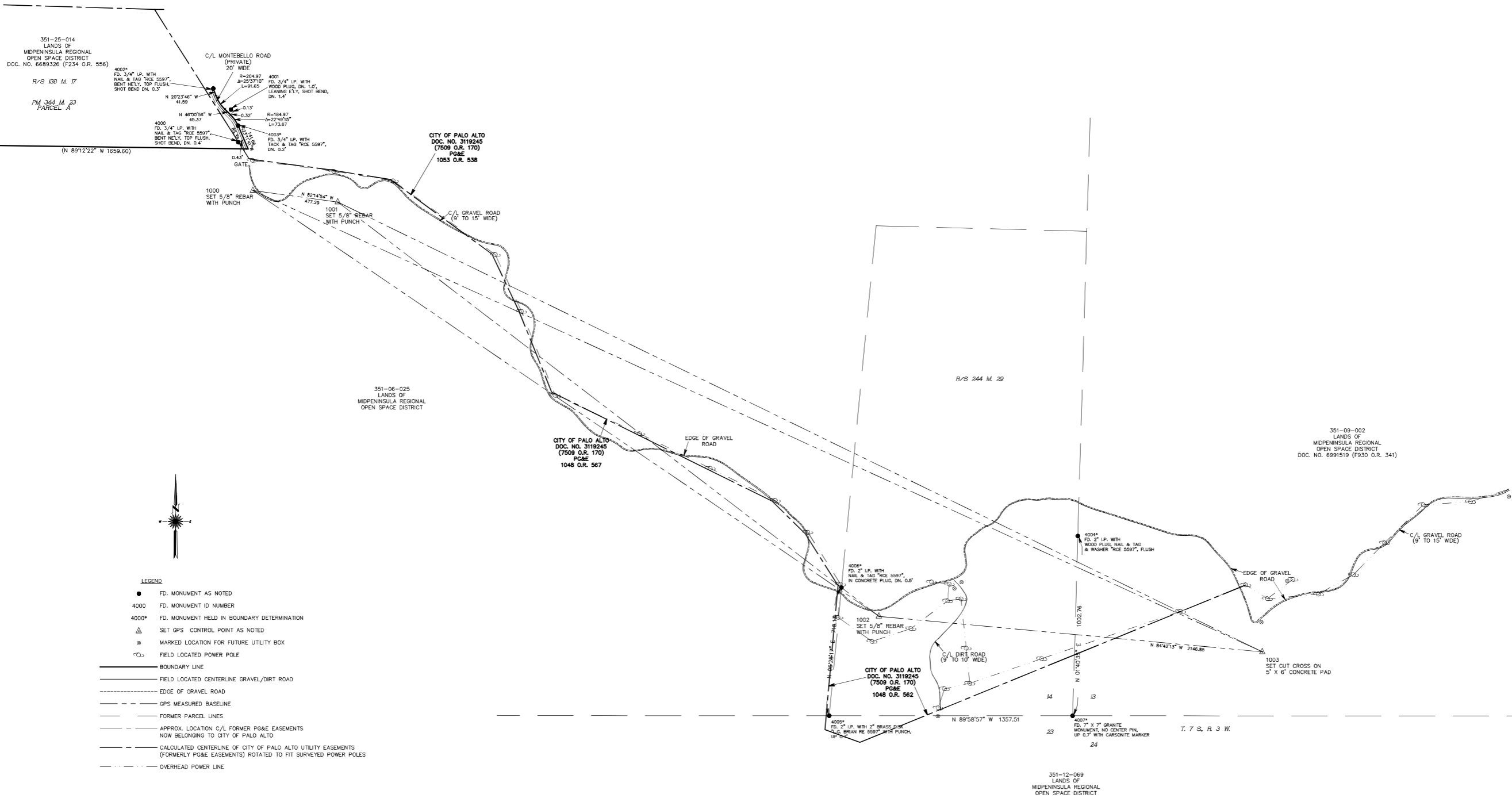
The average rib height to be added is 0.020"
- Add 0.016 #/ft for ribbed products 1 1/2" and less. For 2" and larger, add 0.025 #/ft



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CITY OF PALO ALTO SURVEY  
OF MONTEBELLO ROAD  
THROUGH LANDS OF  
MIDPENINSULA REGIONAL OPEN SPACE DISTRICT  
OCTOBER 2022  
UPDATED OCTOBER 2023  
UPDATED MARCH 2024  
SCALE: 1" = 200'



BASIS OF BEARINGS

PROJECT COORDINATES WERE DERIVED FROM A FAST-STATIC SURVEY HOLDING SANTA CLARA VALLEY WATER DISTRICT COUNTY-WIDE GPS NETWORK POINTS P220 (2220) AND P221 (2221) THREE-DIMENSIONALLY AND SLAC (2000) VERTICALLY IN A LEAST SQUARES ADJUSTMENT OF THE GPS DATA. THE VALUES HELD ARE AS SHOWN ON THE RECORD OF SURVEY FILED ON FEBRUARY 16, 2010 IN BOOK 835 OF MAPS AT PAGES 31-35, SANTA CLARA COUNTY RECORDS. HORIZONTAL DATUM IS NAD83, CALIFORNIA COORDINATE SYSTEM-ZONE 3, EPOCH 2009.0 AND THE VERTICAL DATUM IS NAVD83. ALL MEASURED BEARINGS AND DISTANCES ARE GRID. THE COMBINED GRID FACTOR FOR THIS PROJECT IS 0.999536261. MULTIPLY GRID DISTANCES BY 1.000161765 TO OBTAIN GROUND LEVEL DISTANCES.

SURVEYOR'S STATEMENT

THIS MAP CORRECTLY REPRESENTS A SURVEY MADE BY ME OR UNDER MY DIRECTION IN CONFORMANCE WITH THE REQUIREMENTS OF THE PROFESSIONAL LAND SURVEYORS' ACT AT THE REQUEST OF RANDEEP KAJUR, CITY OF PALO ALTO, IN AUGUST 2022 AND REVISED PER BRANDON GROSSMAN, IN MARCH 2024.

Kristina D. Comer  
KRISTINA D. COMERER, PLS 6766

DATE: MARCH 15, 2024



TABLE OF FOUND POINT COORDINATE VALUES  
NAD83, CCS ZONE 3, EPOCH 2009.0  
U.S. SURVEY FEET

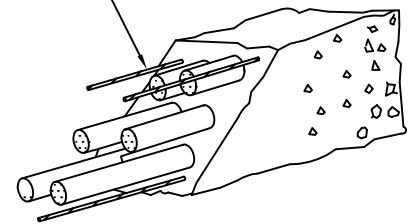
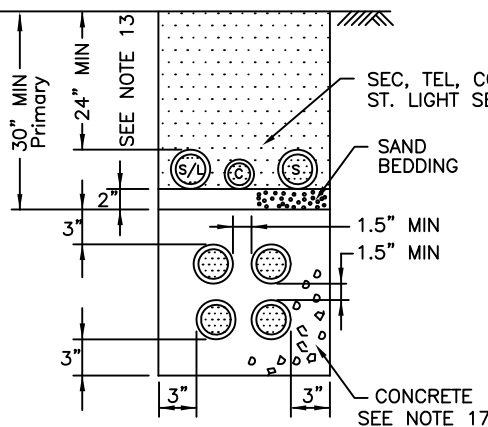
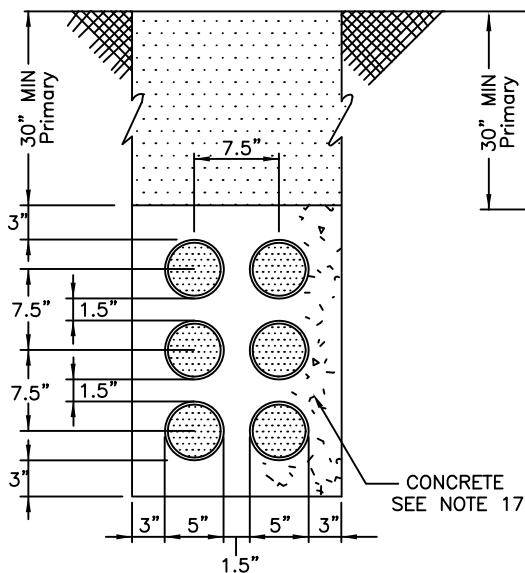
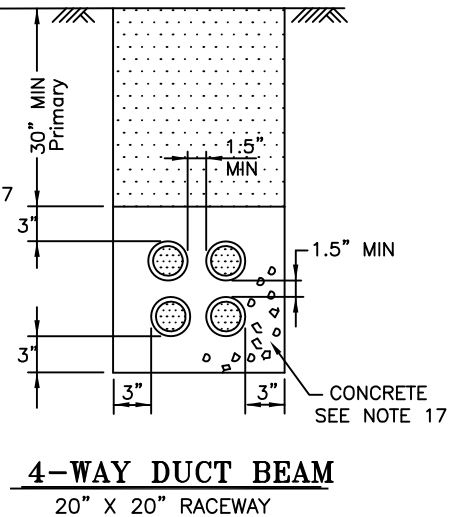
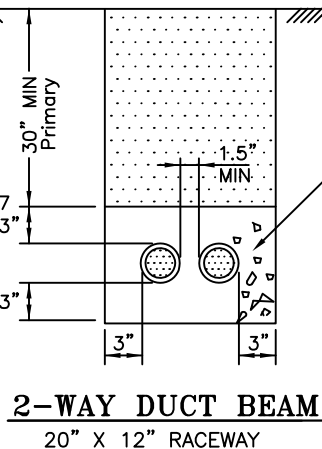
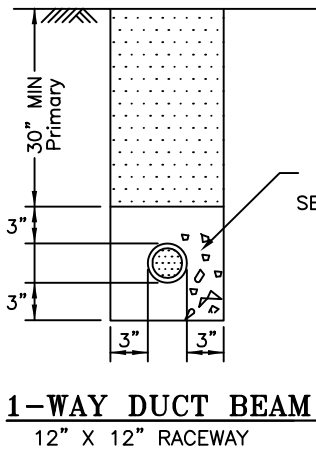
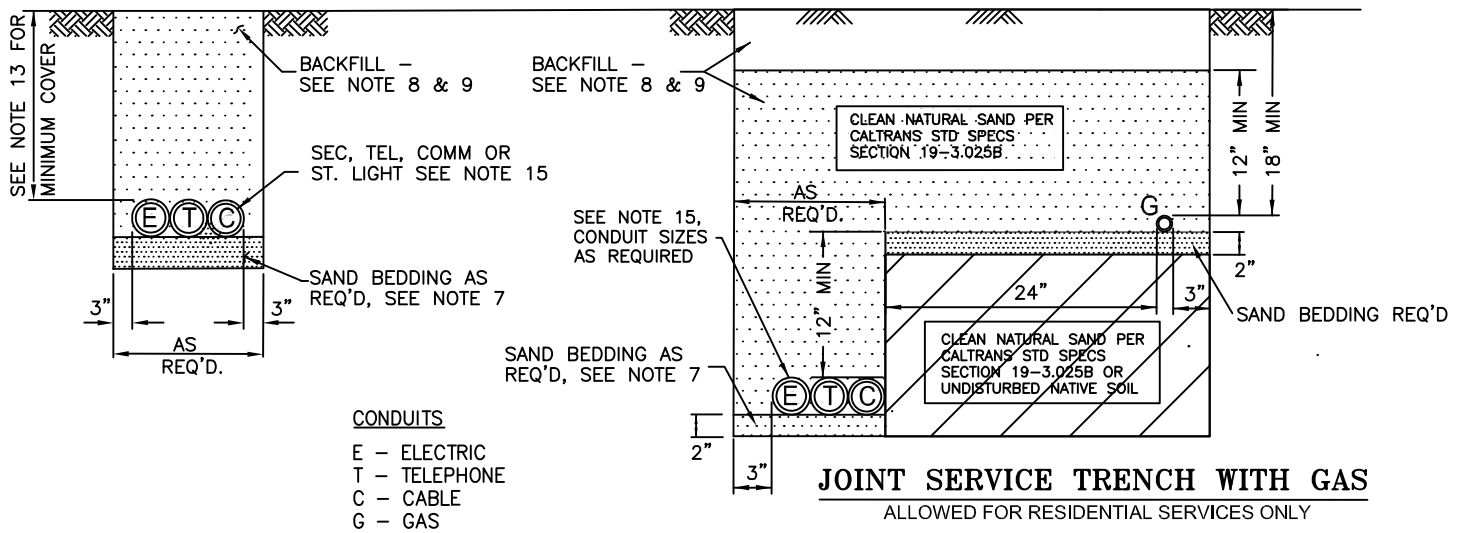
PT.	NORTHING	EASTING
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4001	1945342.06	6078877.75
4002	1945482.27	6078782.71
4003	1945281.49	6078919.19
4004	1945283.34	6081601.48
4005	1941901.41	6080214.84
4006	1942706.27	6080225.11
4007	1941991.00	6081072.10

TABLE OF CONTROL POINT COORDINATE VALUES  
NAD83, CCS ZONE 3, EPOCH 2009.0  
U.S. SURVEY FEET

PT.	NORTHING	EASTING	ELEVATION
1000	1944919.52	6077702.39	2425.64
1001	1944858.14	6077478.32	2457.04
1002	1945245.36	6080420.95	2871.54
1003	1942347.19	6082630.64	2815.43
2000	1978634.08	6086700.55	317.36
2220	1947150.21	6083265.21	2421.89
2221	1940126.07	6086808.79	617.94

CROSS LAND SURVEYING, INC.  
2210 MT. PLEASANT ROAD  
SAN JOSE, CA 95148  
(408) 274-7994

PROJECT NO. 22-146



**PERSPECTIVE VIEW**

10	7/16	CORRECTED NOTATIONS	TT
4	6/13	ADDED JOINT TRENCH & NOTES	TT
3	10/09	REVISED MIN PRIMARY COVER	TT
2	8/08	COMBINED DT-SS-U-1003 DT-PR-U-1004	TT
1	6/06	REVISED NOTES	JT
REV	DATE	DESCRIPTION	APPR
NTS		DT-SS-U-1003	1 OF 4
SCALE		STANDARD NO.	SHEET NO.

APPROVED	20
ENGR. MANAGER	
CITY OF PALO ALTO	
DRAWN	
CHECKED	PV

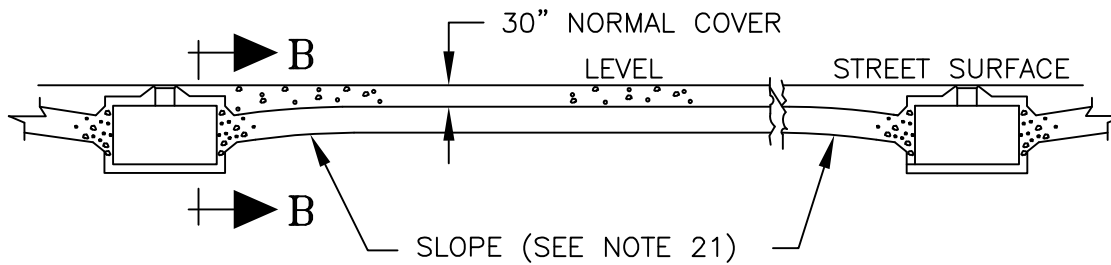
ENGINEERING STANDARD

**UNDERGROUND DUCT LINES**

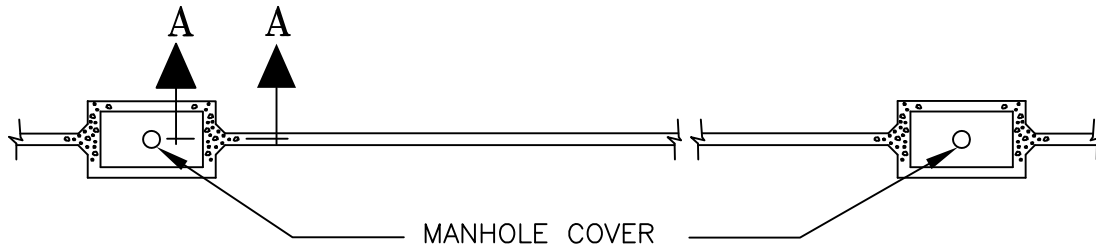
**TYPICAL TRENCH SECTION DETAILS**

**CITY OF PALO ALTO**

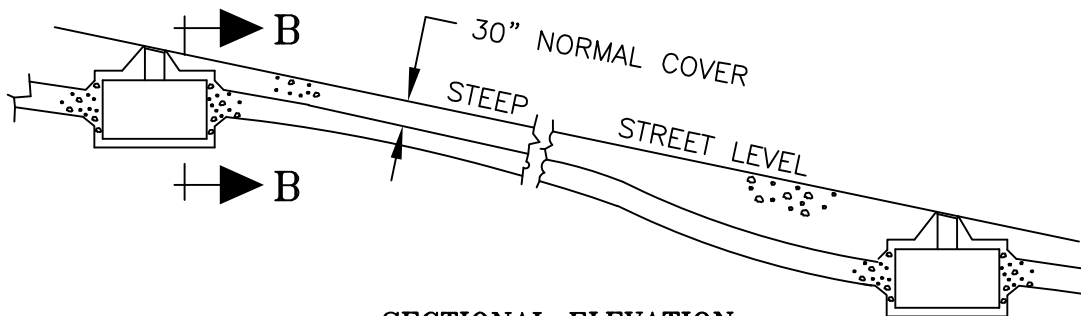
**CALIFORNIA**



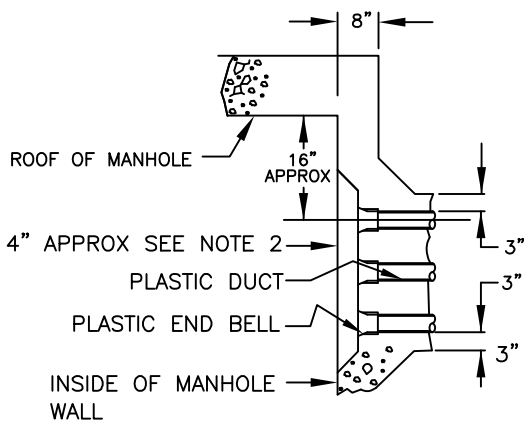
**SECTIONAL ELEVATION**



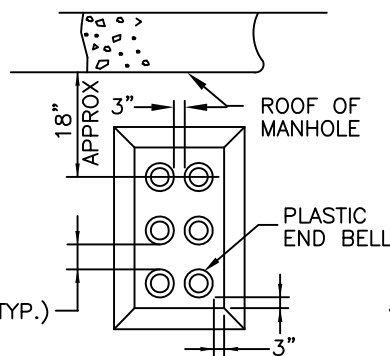
**PLAN VIEW**



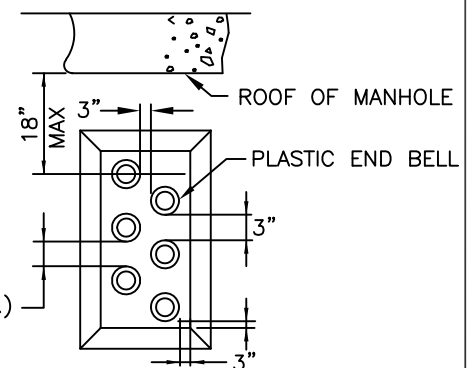
**SECTIONAL ELEVATION**



**SECTION A-A**



**ALT. SECTION B-B**  
DUCT WINDOW



**SECTION B-B**  
DUCT WINDOW

APPROVED \_\_\_\_\_ 20

ENGR. MANAGER

DR. \_\_\_\_\_

CHECKED \_\_\_\_\_

PV

ENGINEERING STANDARD

**UNDERGROUND DUCT LINES**  
**TYPICAL TRENCH SECTION DETAILS**

**CITY OF PALO ALTO**  
**CALIFORNIA**

5	1-12	CORRECTED COVER DIMENSION	TT
4	8-08	COMBINED DT-SS-U-1003 DT-PR-U-1004	TT
3	7-99	REVISED NOTES 1, 2, 5	FINCH
2	6-90	CHANGED NOTE 2	
REV	DATE	DESCRIPTION	APPR
NTS		<b>DT-SS-U-1003</b>	2 OF 4
SCALE		STANDARD NO.	SHEET NO.

### NOTES:

1. DIRECT BURIED PRIMARY CONDUIT IS NOT AN APPROVED CONSTRUCTION METHOD. PRIMARY CONDUITS SHALL BE CONCRETE ENCASED, UNLESS OTHERWISE APPROVED BY UTILITIES ENGINEER.
2. JOINT TRENCH WITH NATURAL GAS OR PRIVATE STREETLIGHT SYSTEMS IS NOT ALLOWED UNLESS APPROVED BY CITY OF PALO ALTO UTILITIES ELECTRIC AND WATER, GAS, WASTEWATER ENGINEERING DEPARTMENTS.
3. APPROVED CONDUIT MATERIALS:
  - a. SCHEDULE 40 PVC
  - b. TYPE "DB 60" (SECONDARY) OR "DB 120" (PRIMARY) PLASTIC CONDUIT
  - c. HOT DIPPED GALVANIZED RIGID STEEL CONDUIT.
4. EVERY EFFORT MUST BE MADE TO OBTAIN A STRAIGHT WATER-TIGHT CONDUIT LINE TRUE TO THE CENTER LINE OF THE TRENCH.
5. SHARP TURNS MUST BE AVOIDED. UNLESS APPROVED BY THE CITY OF PALO ALTO UTILITIES ELECTRICAL ENGINEER, FACTORY OFFSETS SHALL NOT BE USE. ALLOWABLE BEND RADIUS:

CONDUIT SIZE	MINIMUM BEND RADIUS
2 inch	24 inches
3 inch	36 inches
4 inch	36 inches
5 inch	60 inches
All risers	36 inches

6. NO MORE THAN 2-90° BENDS (180°) IN PRIMARY OR 3-90° (270°) IN SECONDARY CONDUIT RUNS. ALL BENDS AND SWEEPS (90°) MUST BE ENCASED IN CONCRETE (MINIMUM 3") ALONG THE INSIDE RADIUS.
7. IF THE ELECTRIC UNDERGROUND INSPECTOR DETERMINES THAT THE BOTTOM OF THE TRENCH IS ROCKY, A 2" SAND BEDDING MUST BE INSTALLED BEFORE THE CONDUIT.
8. BACKFILL IN UNIMPROVED AREAS. 12" OF CLEAN NATURAL SAND PER CALTRANS STD SPECS SEC 19-3.025B ON TOP OF THE UPPERMOST CONDUIT, 90% COMPACTION; TOPPED WITH EXCAVATED NATIVE SOIL, 85% COMPACTION.
9. BACKFILL IN IMPROVED AREAS (STREETS, SIDEWALKS, DRIVEWAYS, ETC. OF ASPHALT OR CONCRETE) THE BACKFILL MATERIAL SHALL BE IN ACCORDANCE WITH THE CITY OF PALO ALTO PUBLIC WORKS DEPARTMENT STANDARD DRAWING NO. 401, TRENCHES – TYPICAL CROSS-SECTIONS.
10. ALL CONDUITS MUST BE MANDRELLED (STD. DWG DT-SS-U-1025). THIS TEST MUST BE WITNESSED BY THE ELECTRIC UNDERGROUND INSPECTOR.
11. A 3/8" POLYPROPYLENE PULL LINE (MIN. 150 LBS. TEST) MUST BE INSTALLED IN EACH CONDUIT.
12. CONDUIT SPACING SHALL BE MAINTAINED BY SPACERS, APPROVED BY THE CITY OF PALO ALTO, INSTALLED NO MORE THAN 7 FEET APART. CONDUITS MUST BE SECURELY BOUND TO THE SPACERS.
13. MINIMUM COVER FOR DIRECT BURIED CONDUIT:
  - a. SECONDARY (NON TRAFFIC) 24"
  - b. COMMUNICATION (NON TRAFFIC) 24"
  - c. SECONDARY (TRAFFIC) 30"
  - d. COMMUNICATION (TRAFFIC) 30"
14. MINIMUM CLEARANCE OF ELECTRIC LINES FROM OTHER UTILITY LINES:
  - a. VERTICAL CLEARANCE FROM CROSSING UTILITY LINES 12"
  - b. HORIZONTAL CLEARANCE FROM NATURAL GAS LINES 24"
  - c. HORIZONTAL CLEARANCE FROM WATER/WASTEWATER LINES 48"

10	7/16	REVISED NOTE 5, ADD 3"	TT
9	1/12	REVISED NOTES 8,9	TT
8	5-09	REVISED NOTES 6 & 15	TT
7	10/09	ADDED NOTE 14	TT
6	5-09	COMBINED DT-SS-U-1003 DT-PR-U-1004	TT
5	6-99	MODIFIED NOTES	JT
REV	DATE	DESCRIPTION	APPR
NTS		DT-SS-U-1003	3 OF 4
SCALE		STANDARD NO.	SHEET NO.

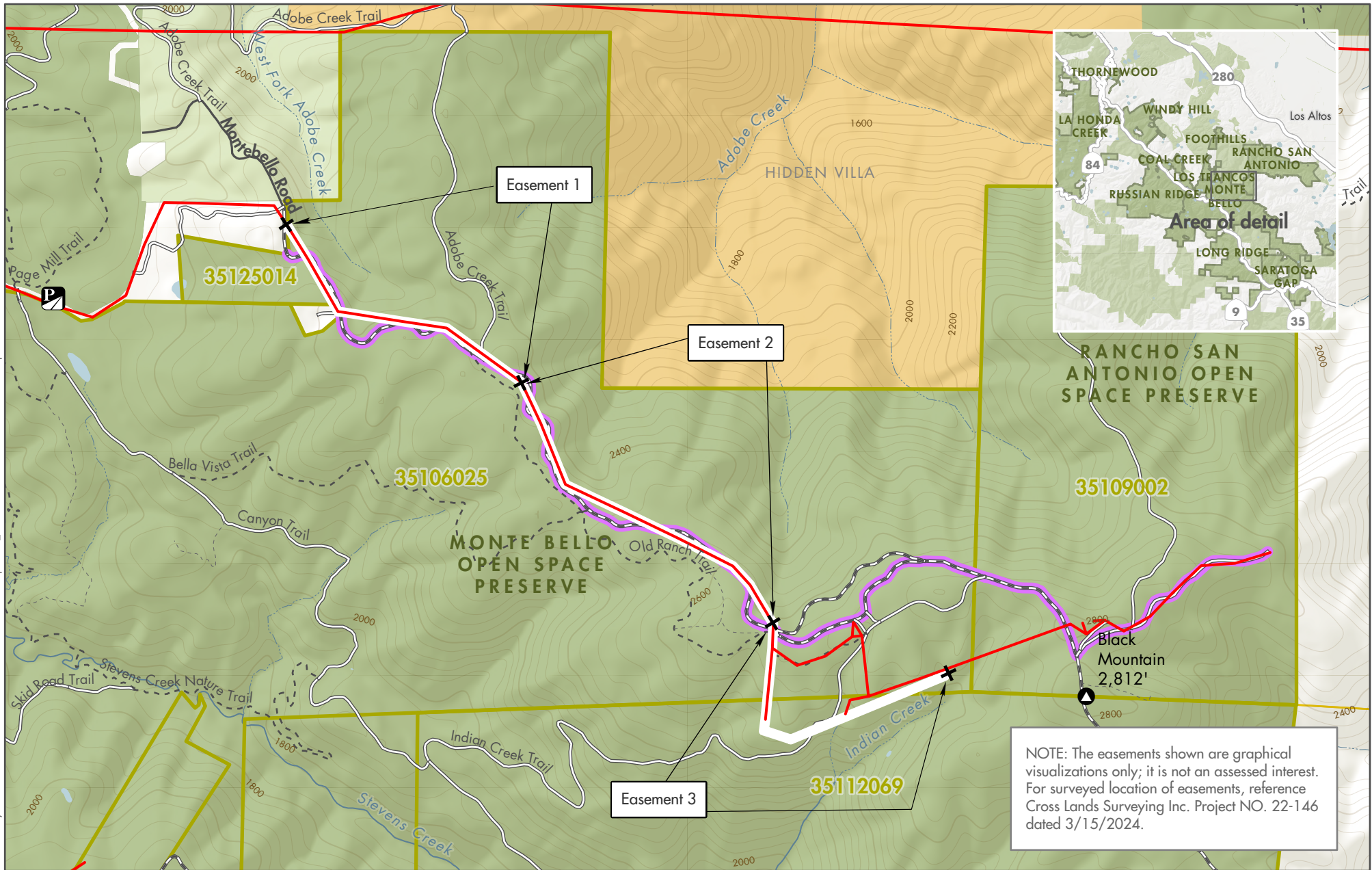
APPROVED _____ 20	ENGINEERING STANDARD
ENGR. MANAGER _____	UNDERGROUND DUCT LINES
CITY OF PALO ALTO	TYPICAL OPEN CUT TRENCH SECTION DETAILS
CITY OF PALO ALTO	CALIFORNIA
CHECKED _____ PV	

NOTES:

15. HORIZONTAL SPACING BETWEEN JOINTLY INSTALLED SECONDARY, COMMUNICATION, TELEPHONE, AND STREETLIGHTING CABLES OR CONDUIT MAY BE RANDOM UNLESS OTHERWISE SPECIFIED. THERE SHALL BE A MINIMUM OF 1" CLEARANCE AROUND ALL CONDUITS AT GROUND LEVEL.
16. JOINT TRENCH WITH GAS IS ONLY ALLOWED FOR RESIDENTIAL SERVICES AND WITH THE APPROVAL OF BOTH UTILITIES ELECTRIC AND WGW ENGINEERING. REFER TO CPAU WGW DRAWING NUMBER WGW-02 FOR ADDITIONAL DETAILS.
17. THE CONCRETE SHALL BE READY-MIXED, CLASS B PORTLAND CEMENT CONCRETE, CONTAINING 3 SACKS OF CEMENT PER CUBIC YARD AND 3/4" AGGREGATE. THE CONCRETE SHALL BE COLORED RED BY THE ADDITION OF 5 POUNDS OF RED OXIDE PIGMENT PER CUBIC YARD OF CONCRETE MIX. COLOR WILL BE TO THE SATISFACTION OF THE ELECTRIC UNDERGROUND INSPECTOR.
18. DURING CONCRETING, THE DUCTS SHALL BE HELD SECURELY IN PLACE WITH STAKES, PLASTIC SPACERS, ETC. WOODEN TIE-DOWN STAKES SHALL BE REMOVED IMMEDIATELY AFTER THE CONCRETE IS POURED.
19. BENDS IN DUCT LINES SHALL BE OF MAXIMUM PRACTICAL RADIUS.
20. WHEN A BREAK IS MADE IN THE POURING OF THE DUCT BEAM, A 3-FOOT LONG 5/8" DIA STL RE-BAR SHALL BE INSERTED HORIZONTALLY AT EACH CORNER OF THE DUCT BEAM, LEAVING 18" TO TIE INTO THE SUBSEQUENT POUR.
21. SLOPE TO BE 3" IN 100 FT, IF POSSIBLE OR 1" IN 100 FT MIN. ON LEVEL GROUND, SLOPE DUCT LINE FROM CENTER TO EACH MANHOLE.
22. VERTICAL STAGGERING OF DUCT IN THE VAULT WINDOW, SHOWN IN SECTION B-B, ON SHEET 2, IS PREFERRED.
23. HORIZONTAL DIRECTIONAL BORING IS ALLOWED FOR INSTALLATION OF SECONDARY CONDUITS ONLY WHEN APPROVED BY UTILITY ELECTRIC ENGINEER. IT IS NOT ALLOWED FOR THE INSTALLATION OF PRIMARY CONDUITS.
24. DIRECTIONAL BORING IS NOT ALLOWED IF IN THE OPINION OF UTILITY ENGINEERING OR THE ELECTRIC UNDERGROUND INSPECTOR, THE EXISTING FACILITIES OR OTHER CONFLICTS CREATE NAVIGATIONAL PROBLEMS.
25. ALL UTILITY COVER AND SEPARATION REQUIREMENTS MUST BE MET FOR THE ENTIRE LENGTH OF THE BORE RUN. UTILITY EASEMENTS MUST BE HONORED.
26. POTHOLING SHALL BE DONE AT KEY LOCATIONS, AS PER THE INSTRUCTIONS OF THE ELECTRIC UNDERGROUND INSPECTOR, PRIOR TO COMMENCING HORIZONTAL DIRECTIONAL BORING.
27. A THOROUGH INVESTIGATION SHALL BE PERFORMED TO IDENTIFY KNOWN UTILITY SYSTEMS PARALLELING OR CROSSING THE PROPOSED BORE ROUTE PRIOR TO COMMENCING DIRECTIONAL BORING.

<div style="text-align: center;">APPROVED _____ 20____</div> <div style="text-align: center;">ENGR. MANAGER</div> <div style="text-align: center;">DRAWN BY _____</div> <div style="text-align: center;">CHECKED BY _____ PV</div>		<div>ENGINEERING STANDARD</div> <div style="font-size: 1.2em; font-weight: bold;">UNDERGROUND DUCT LINES</div> <div style="font-weight: bold;">TYPICAL TRENCH SECTION DETAILS</div> <div style="font-size: 1.5em; font-weight: bold; margin-top: 20px;">CITY OF PALO ALTO</div> <div style="font-weight: bold;">CALIFORNIA</div>		10	7/16	REVISED NOTE 17	TT
				6	6-08	COMBINED DT-SS-U-1003 DT-PR-U-1004	TT
				5	6-09	MODIFIED NOTES	JT
				4	7-99	MODIFIED NOTES	FINCH
				REV	DATE	DESCRIPTION	APPR
		NTS		DT-SS-U-1003	4 OF 4		
		SCALE		STANDARD NO.	SHEET NO.		

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Created By: acostanza



## City of Palo Alto Utility Easements

- |                       |                         |
|-----------------------|-------------------------|
| Midpen preserves      | Trail                   |
| Other protected lands | Unpaved all-season road |
| Private property      | Unpaved seasonal road   |
| County parcel         | Paved road              |

- Proposed underground utility easement (MROSD to grant to City of Palo Alto)
- Existing overhead utility easement (City of Palo Alto to vacate)
- Existing overhead electrical line

Midpeninsula Regional  
Open Space District  
(Midpen)  
4/3/2025



Miles 0 0.125 0.25

